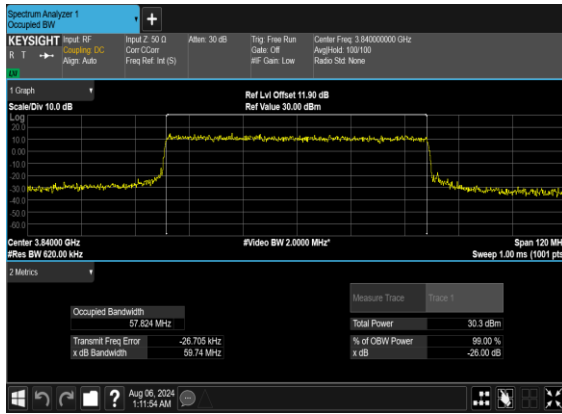
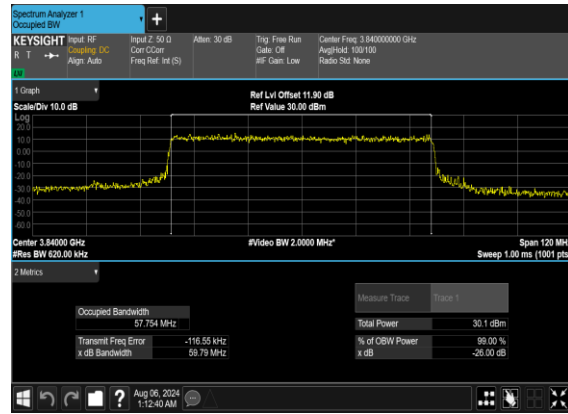




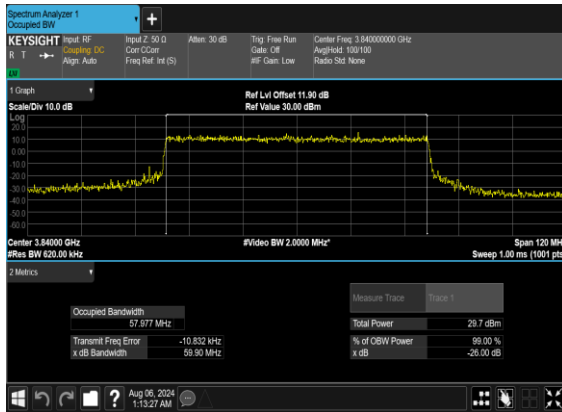
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

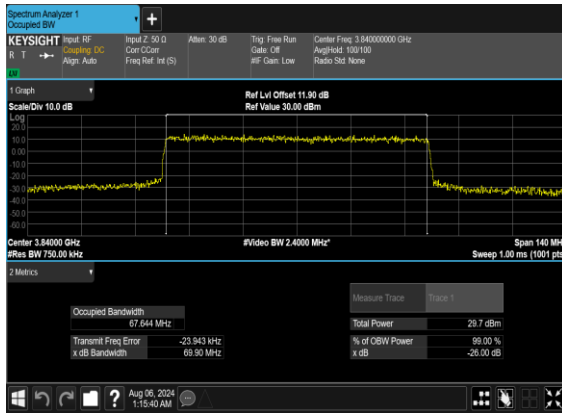


N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

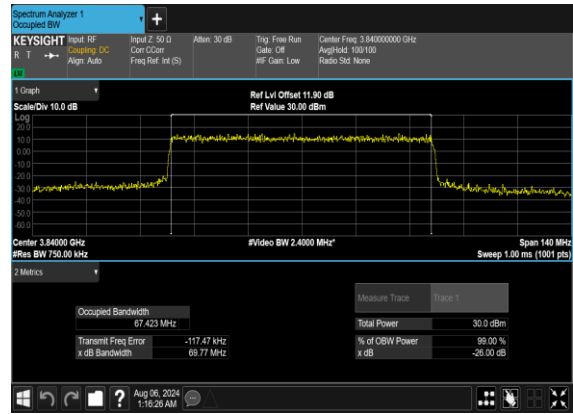




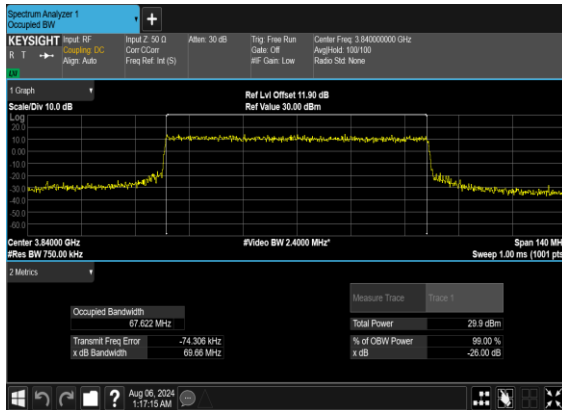
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



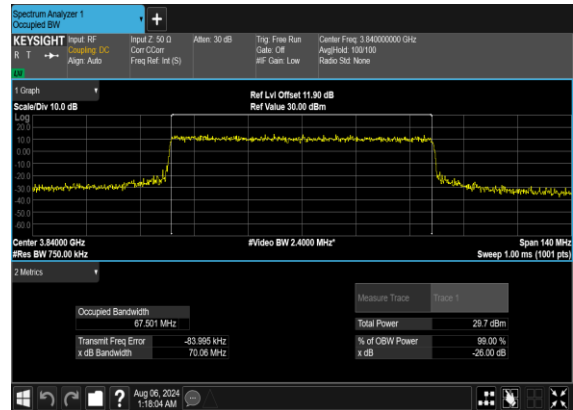
N77(70M)_CP-OFDM_16_QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64_QAM_Outer_Full_Mid_CH

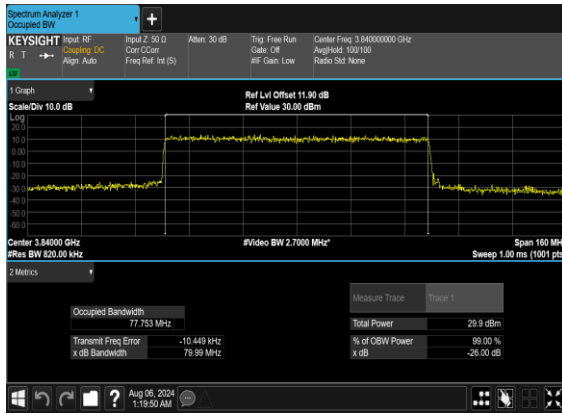


N77(70M)_CP-OFDM_256_QAM_Outer_Full_Mid_CH

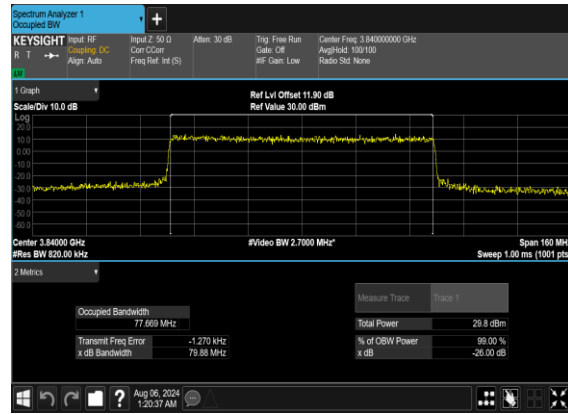




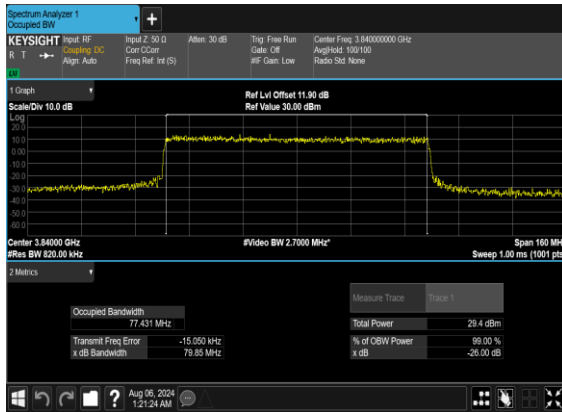
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

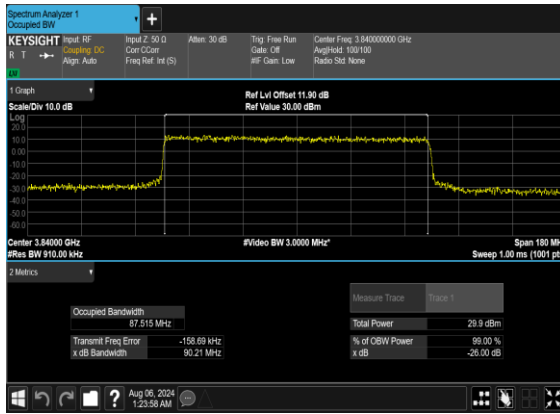


N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

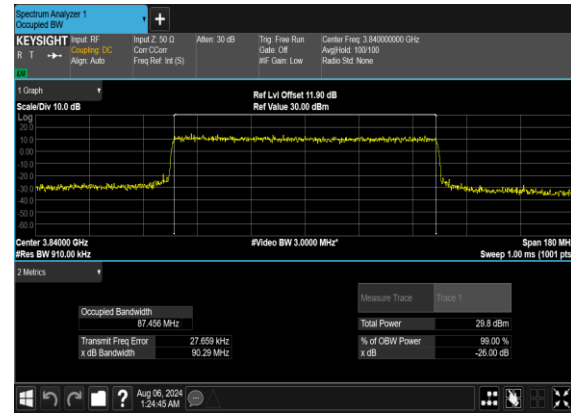




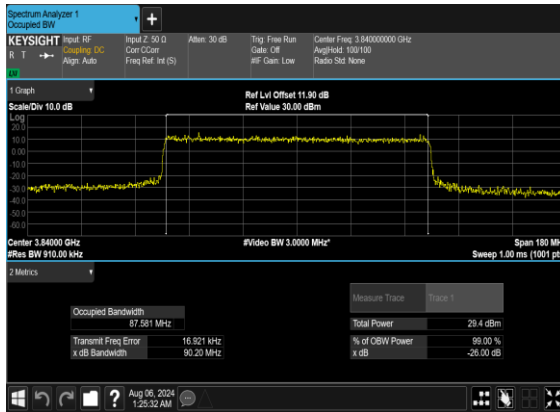
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



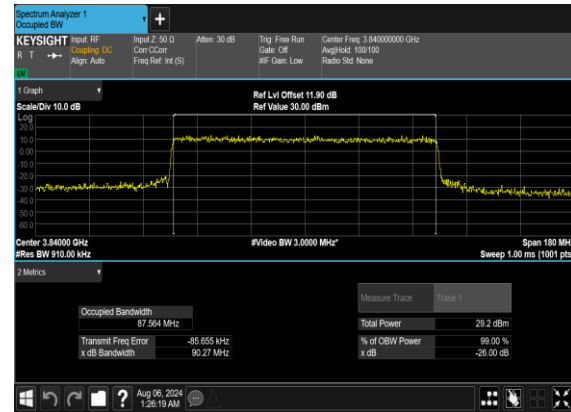
N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

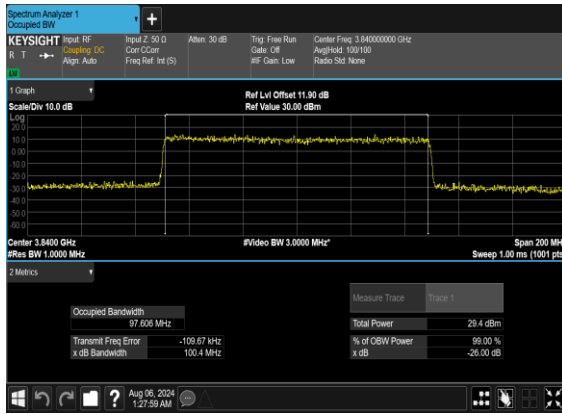


N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

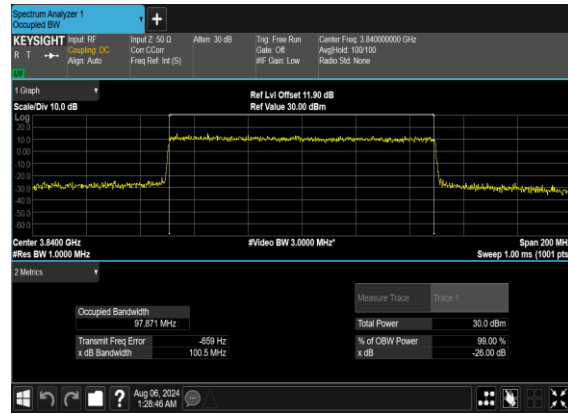




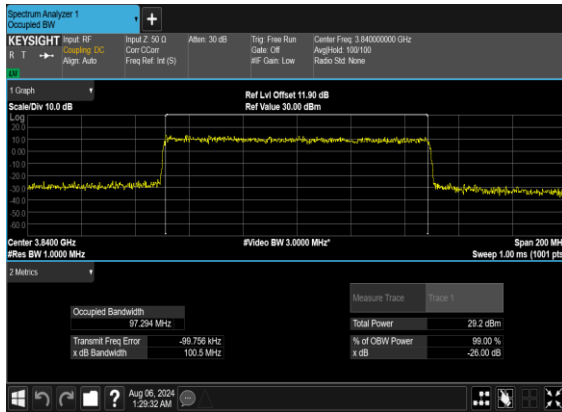
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



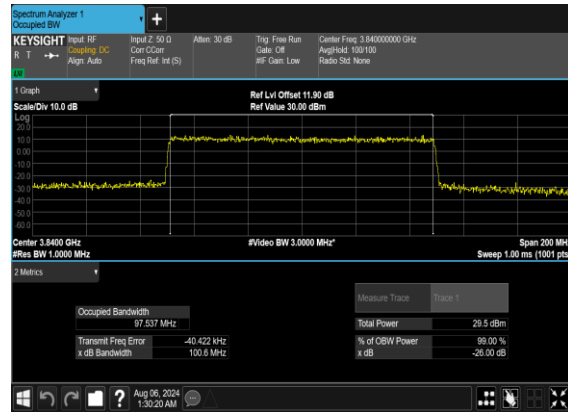
N77(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256QAM_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	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	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



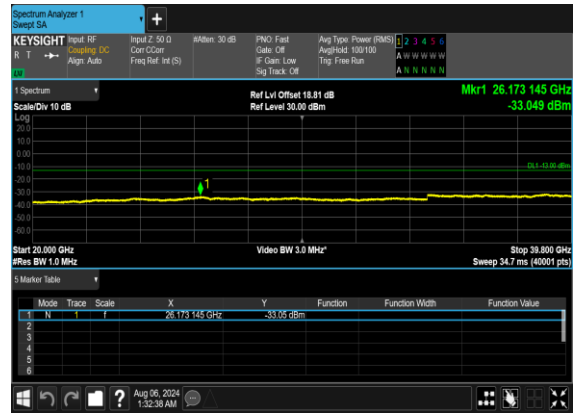
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	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



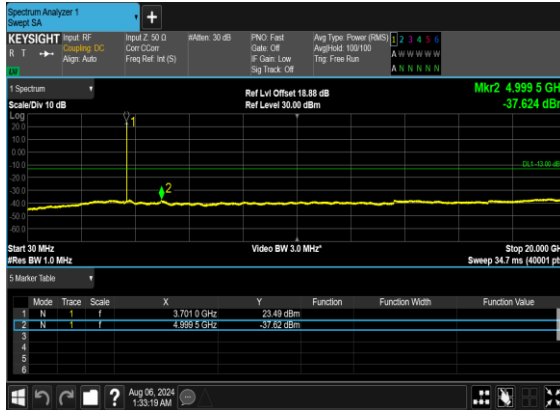
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



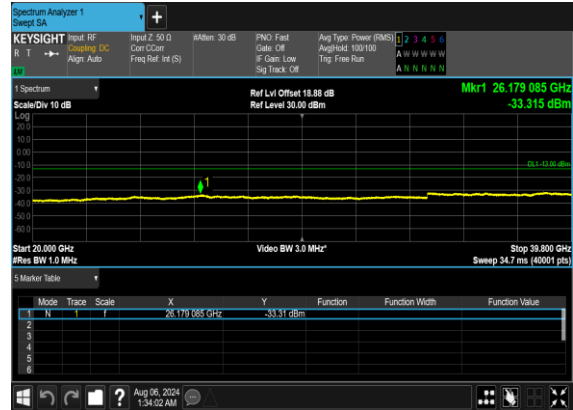
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

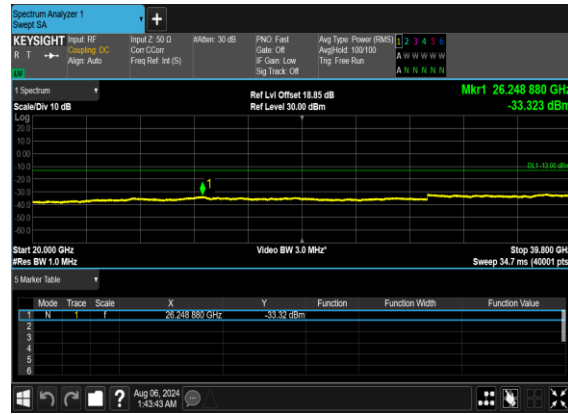




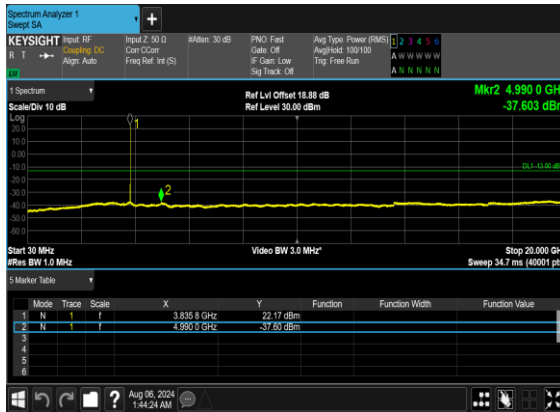
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



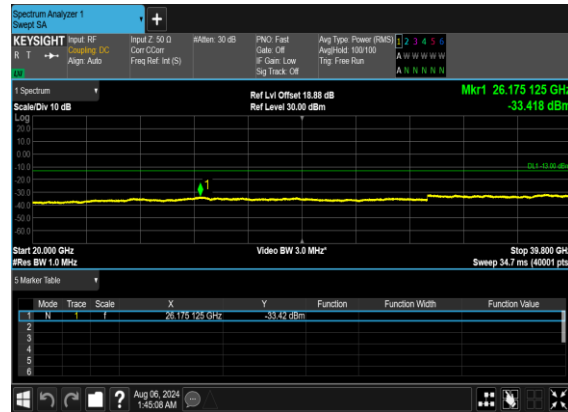
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

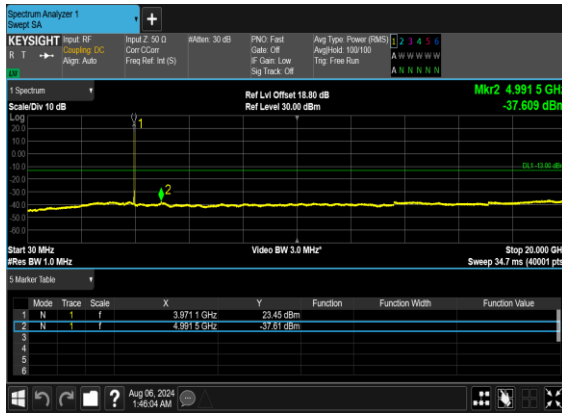


N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

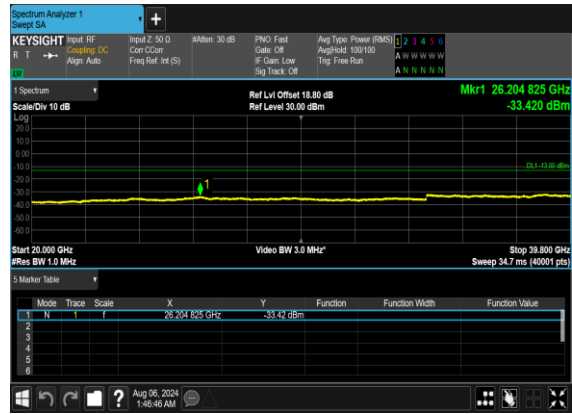




N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



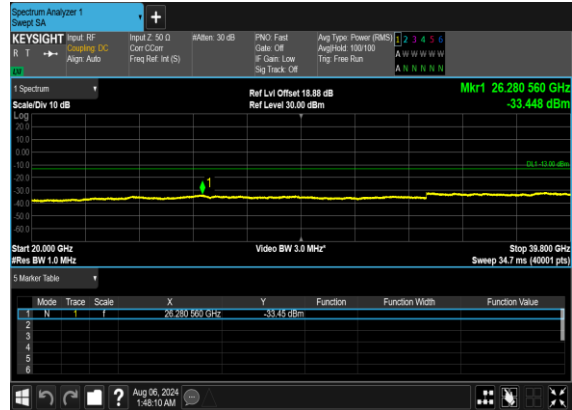
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

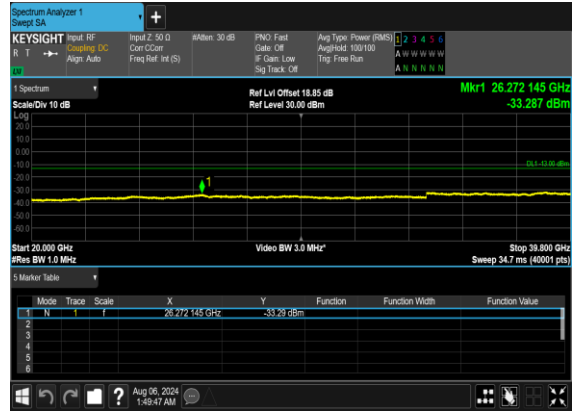




N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



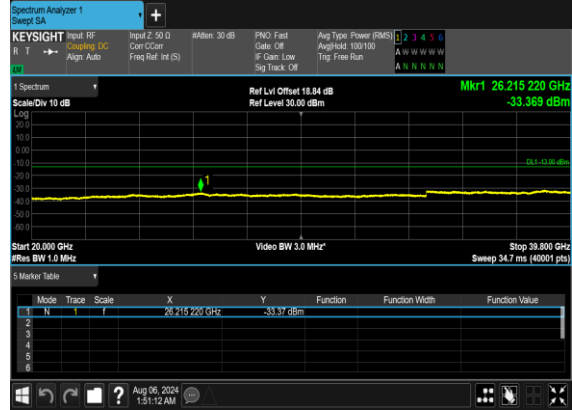
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

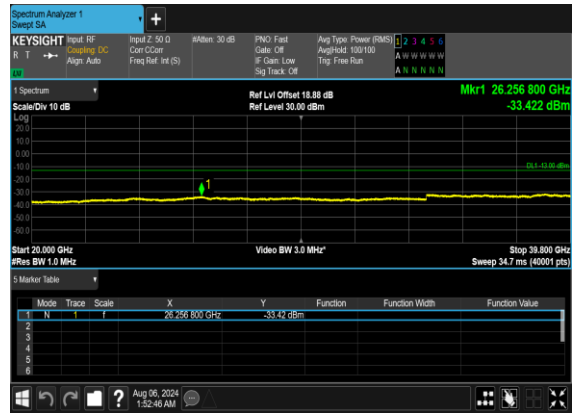




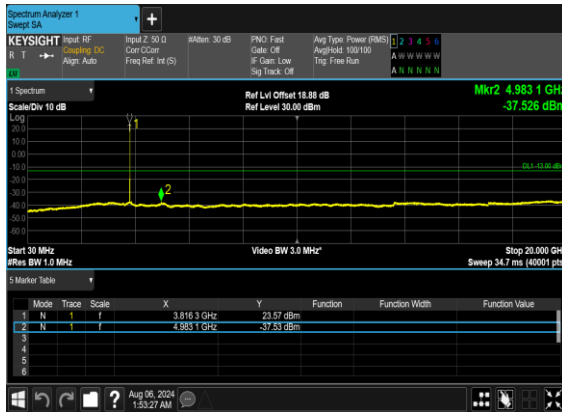
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



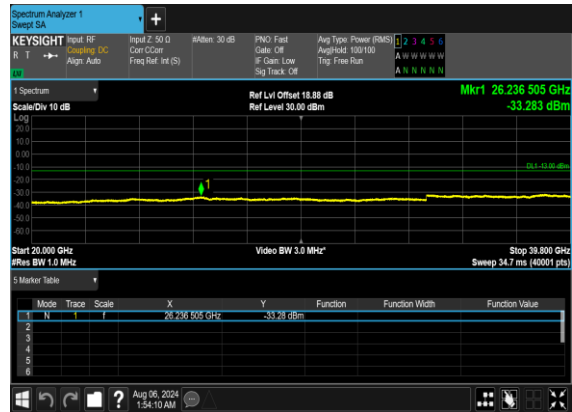
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

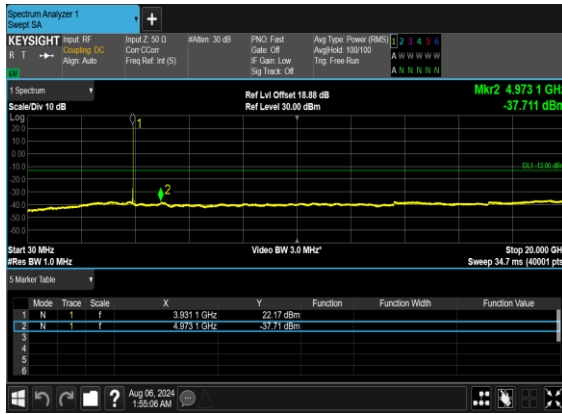


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

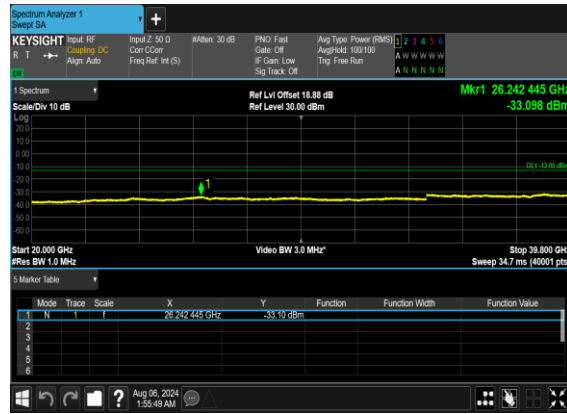




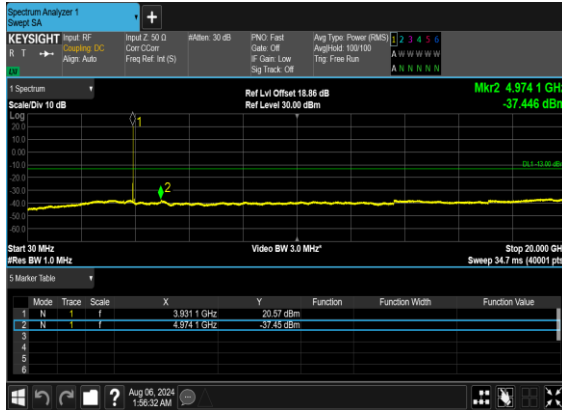
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



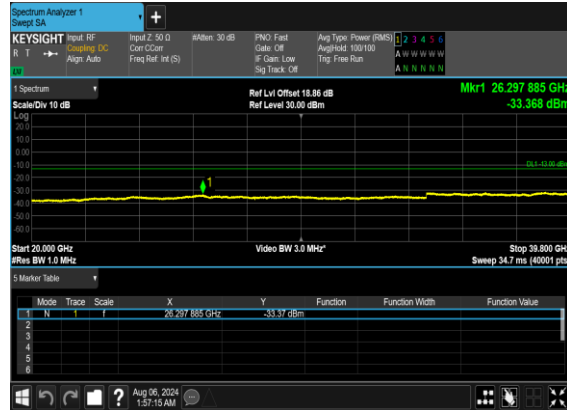
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

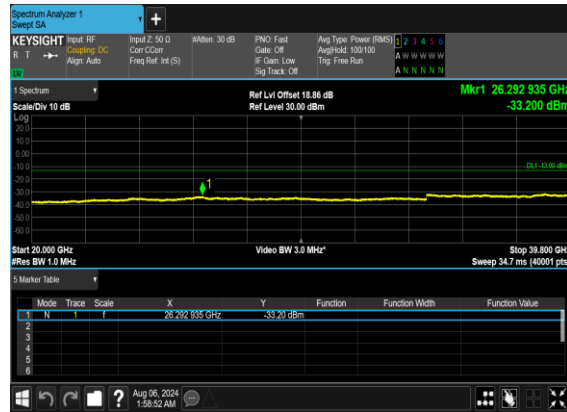




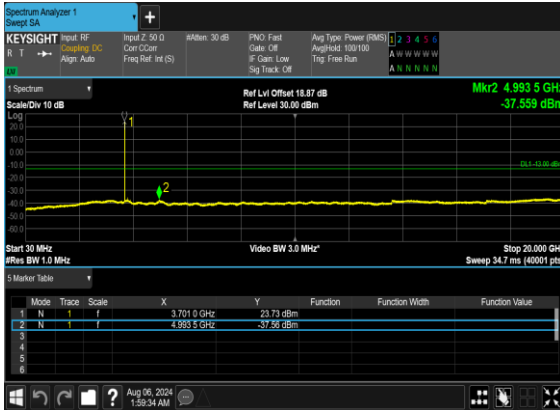
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



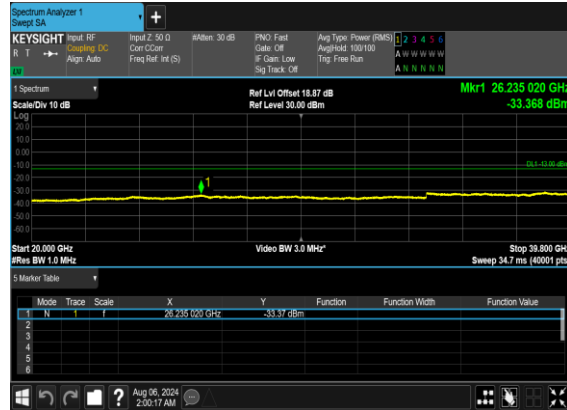
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

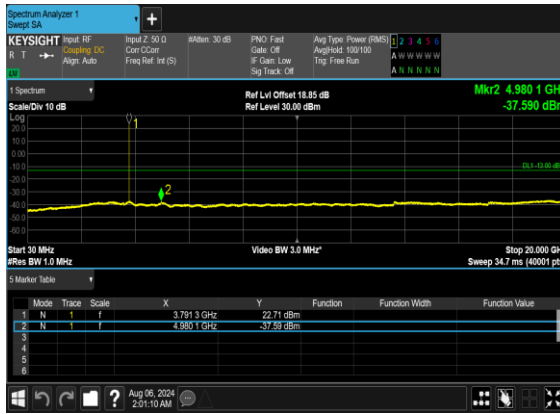


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

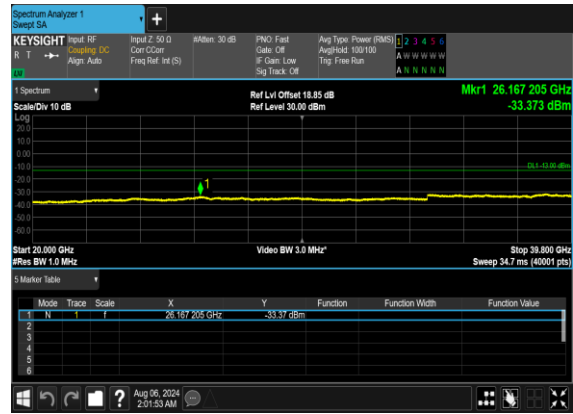




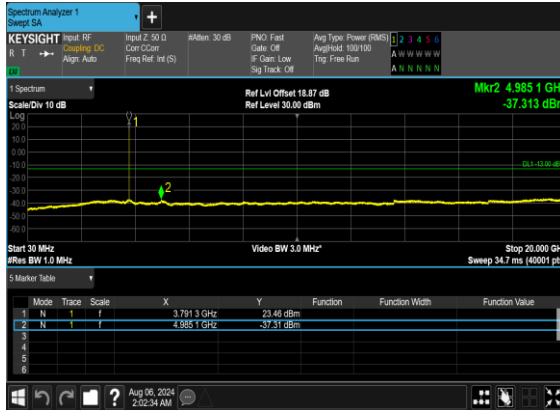
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



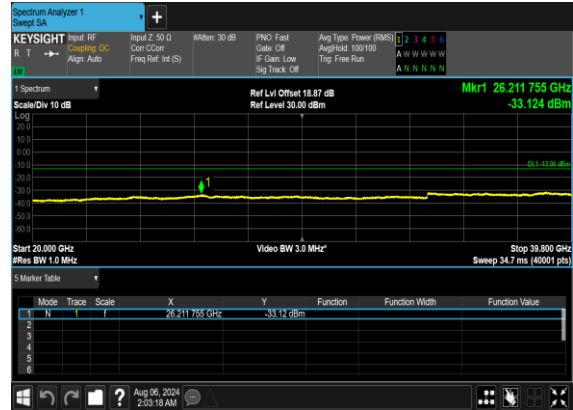
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

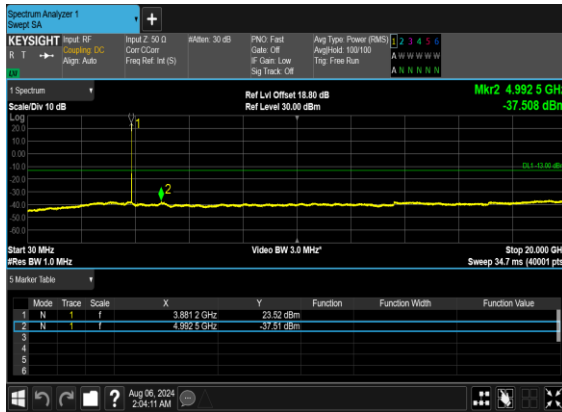


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

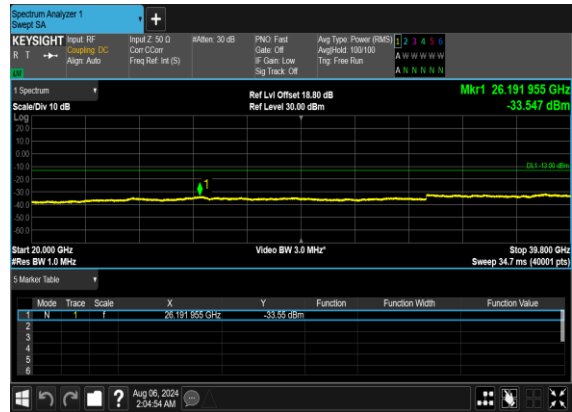




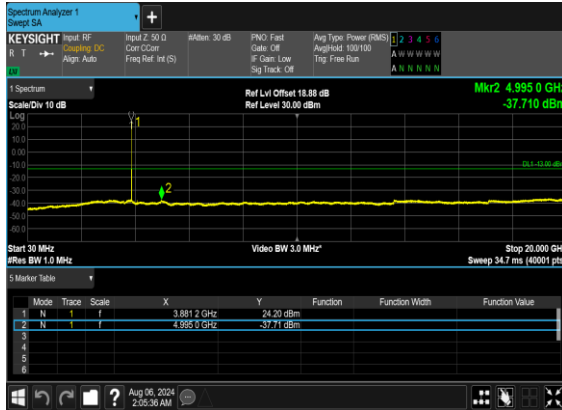
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



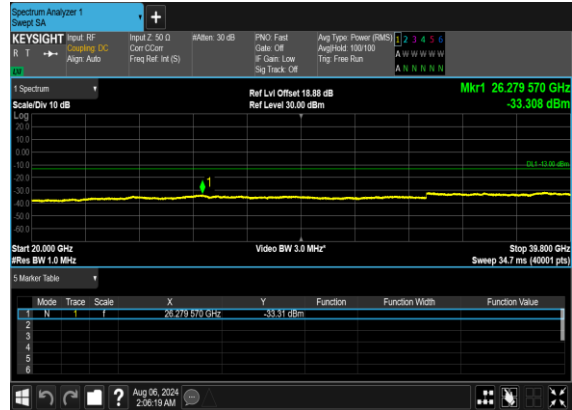
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



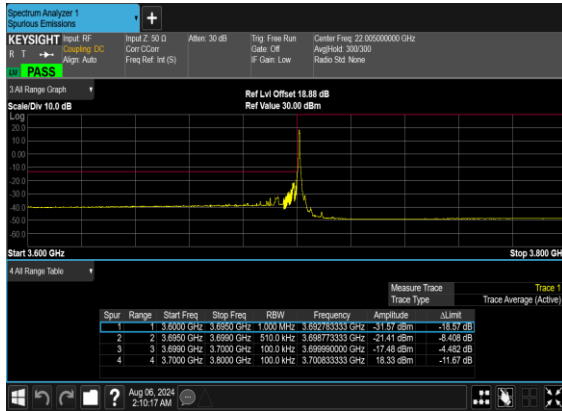


Conducted Band Edge

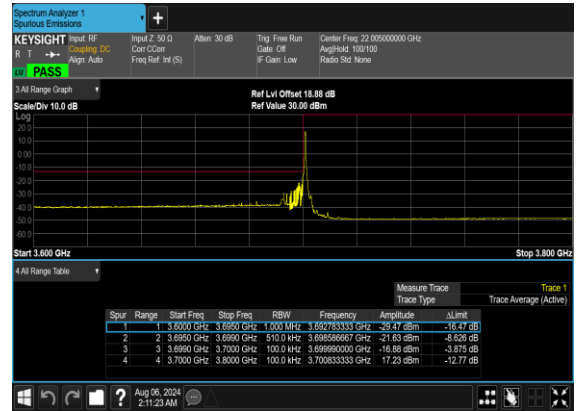
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see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



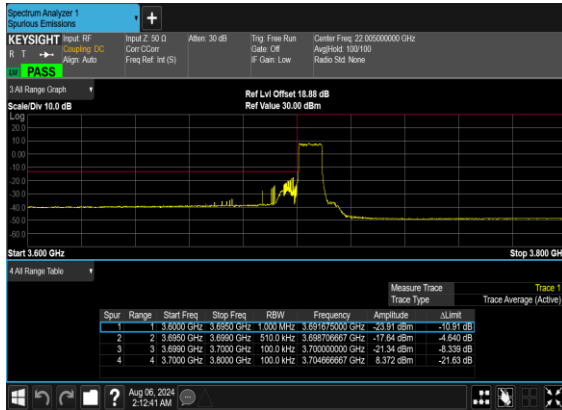
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

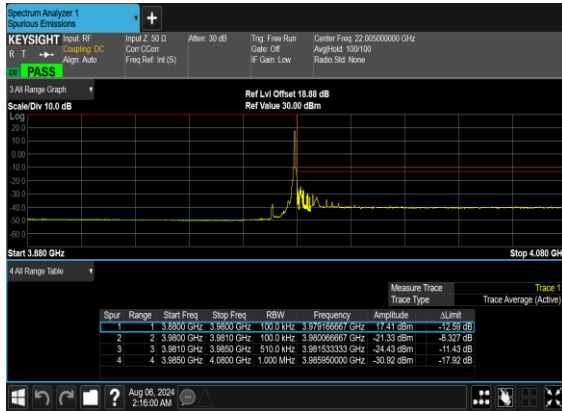


N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





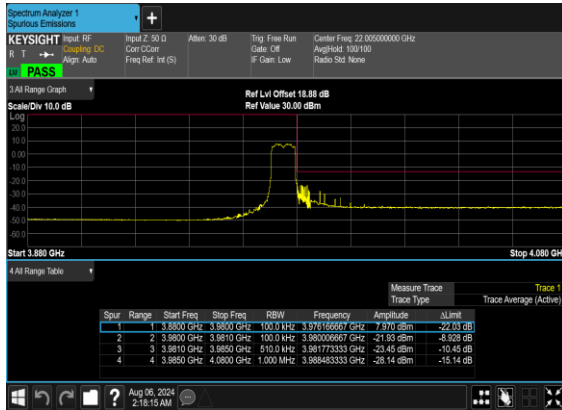
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

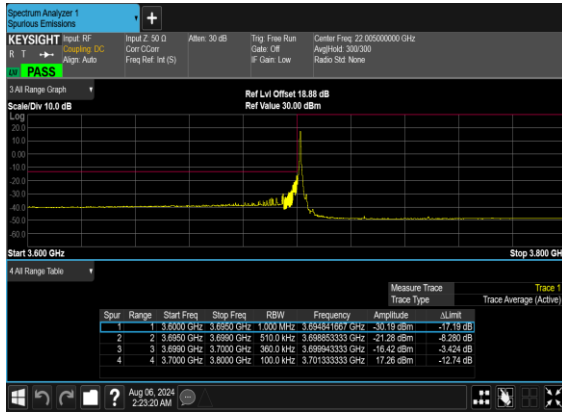


N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

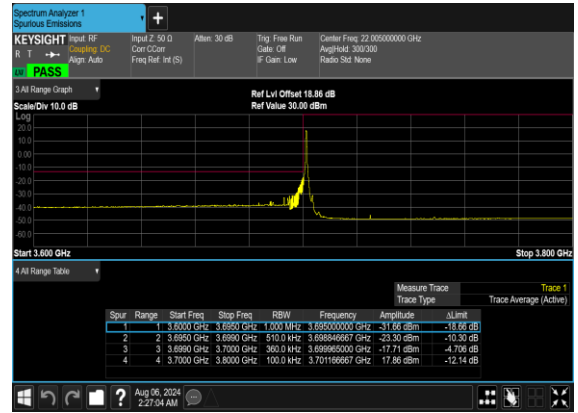




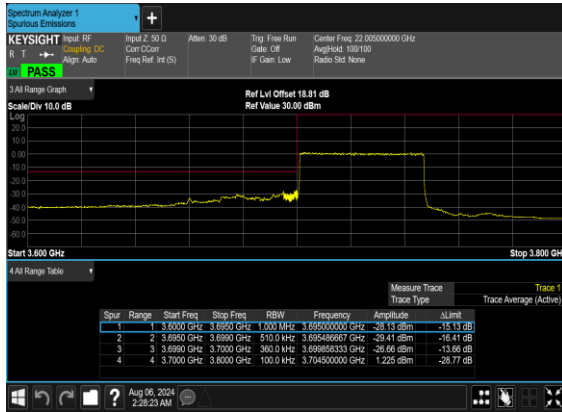
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



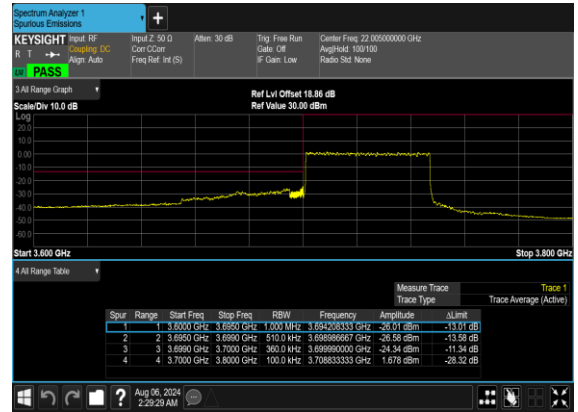
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

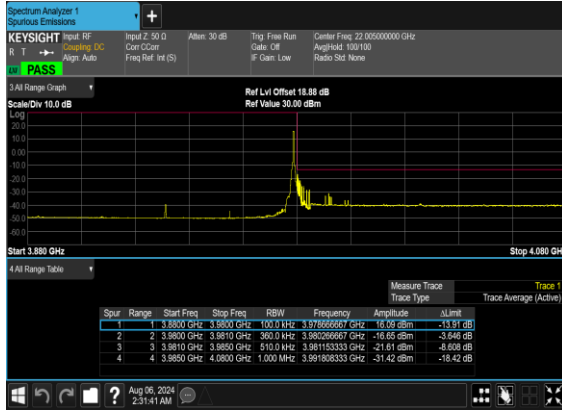


N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



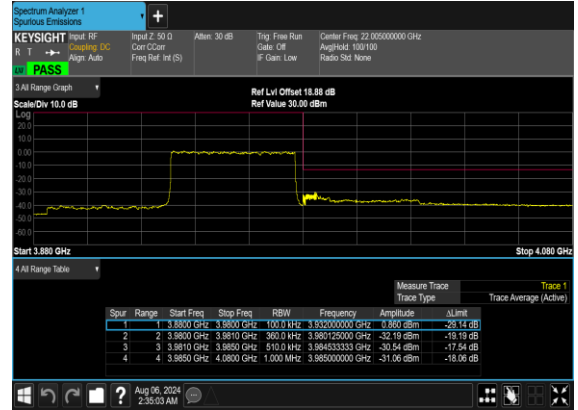
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

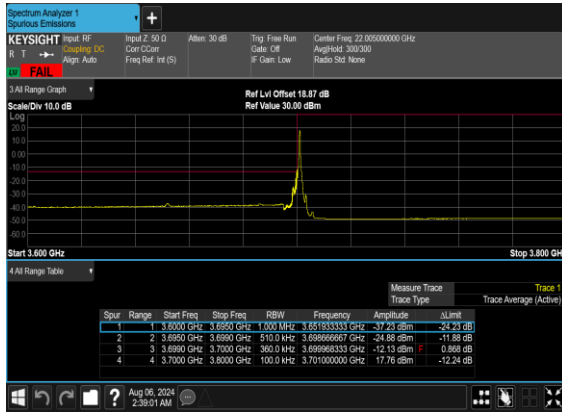


N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

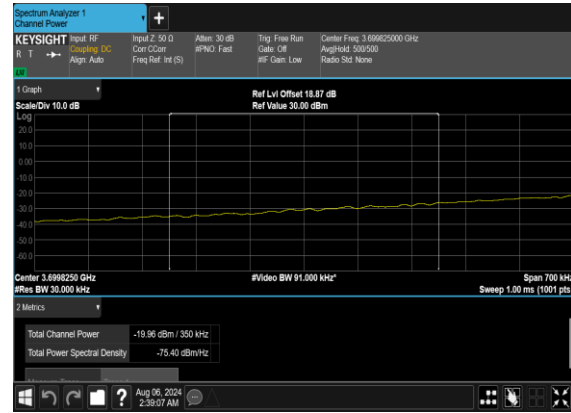




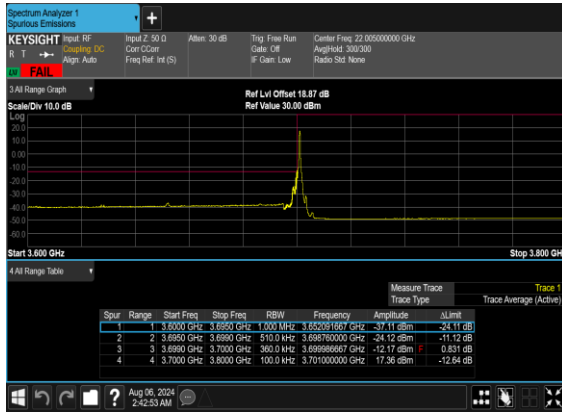
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



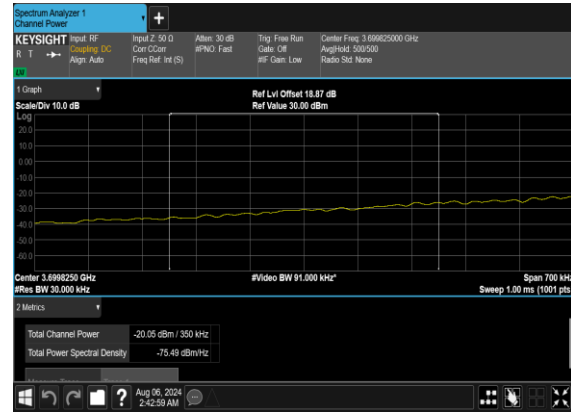
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

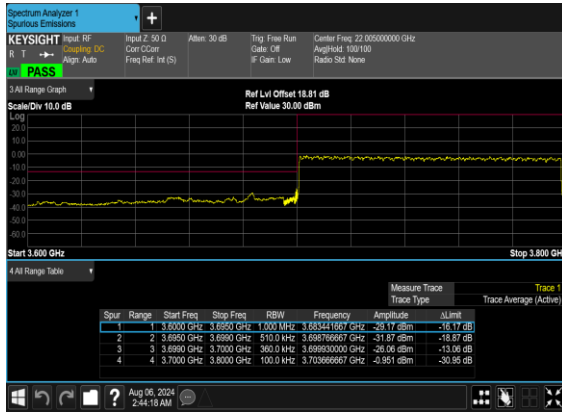


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

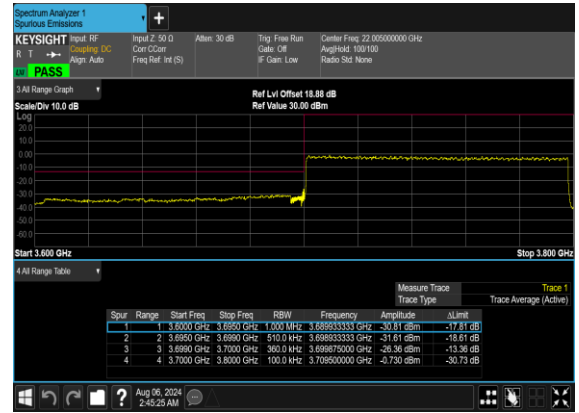




N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



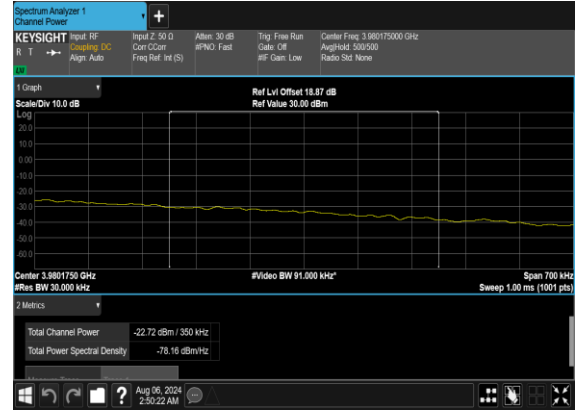
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

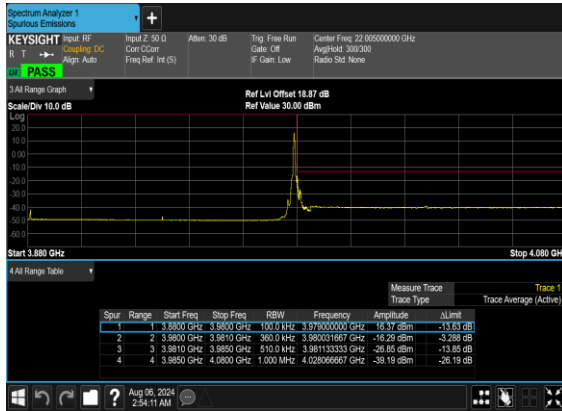


N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

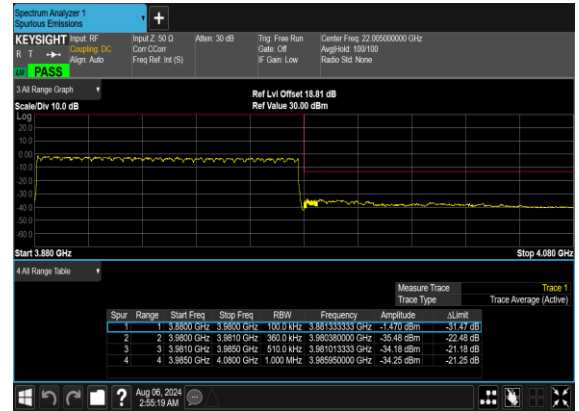




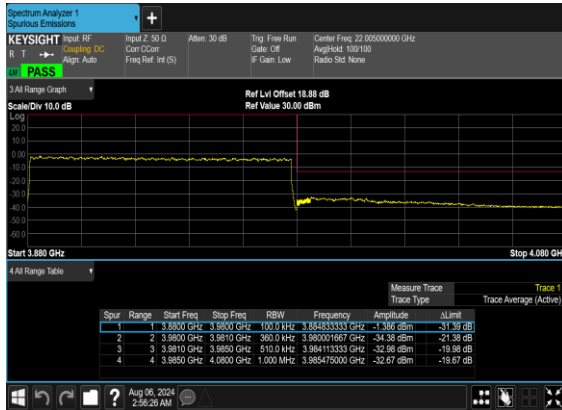
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N78_ANT2

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-6.13dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	27.37	21.24	0.1330
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	26.53	20.4	0.1096
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	27.18	21.05	0.1274
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.39	20.26	0.1062
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.91	20.78	0.1197
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.95	19.82	0.0959
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	27.1	20.97	0.1250
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	26.26	20.13	0.1030
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	27.1	20.97	0.1250
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.15	20.02	0.1005
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	26.93	20.8	0.1202
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	26.04	19.91	0.0979
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	27.24	21.11	0.1291
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	26.29	20.16	0.1038
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	27.27	21.14	0.1300
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.26	20.13	0.1030
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	27.08	20.95	0.1245
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	26.02	19.89	0.0975
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	27.2	21.07	0.1279
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	26.45	20.32	0.1076
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	27.19	21.06	0.1276
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.37	20.24	0.1057
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	27.12	20.99	0.1256
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	26.2	20.07	0.1016
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	27.32	21.19	0.1315
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	26.33	20.2	0.1047
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	27.4	21.27	0.1340
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.53	20.4	0.1096
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	27.16	21.03	0.1268
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	26.23	20.1	0.1023
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	27.27	21.14	0.1300
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	26.39	20.26	0.1062
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	27.31	21.18	0.1312



78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.39	20.26	0.1062
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	27.06	20.93	0.1239
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	26.12	19.99	0.0998
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	27.37	21.24	0.1330
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	26.38	20.25	0.1059
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	27.5	21.37	0.1371
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.61	20.48	0.1117
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	27.02	20.89	0.1227
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	26.19	20.06	0.1014
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	27.27	21.14	0.1300
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	26.09	19.96	0.0991
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	27.37	21.24	0.1330
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.21	20.08	0.1019
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	27.19	21.06	0.1276
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	26.1	19.97	0.0993
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	27.23	21.1	0.1288
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	26.27	20.14	0.1033
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	27.38	21.25	0.1334
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.52	20.39	0.1094
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	27.44	21.31	0.1352
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	26.48	20.35	0.1084
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	27.24	21.11	0.1291
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	26.31	20.18	0.1042
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	27.32	21.19	0.1315
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.36	20.23	0.1054
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	27.33	21.2	0.1318
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	26.34	20.21	0.1050
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	27.3	21.17	0.1309
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.27	20.14	0.1033
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	27.24	21.11	0.1291
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.23	20.1	0.1023
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	27.28	21.15	0.1303
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	26.2	20.07	0.1016
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.73	20.6	0.1148
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.51	21.38	0.1374
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.08	19.95	0.0989
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.5	20.37	0.1089
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	27.19	21.06	0.1276
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.02	19.89	0.0975
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.52	19.39	0.0869
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.16	20.03	0.1007



78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.14	19.01	0.0796
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.05	17.92	0.0619
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.37	18.24	0.0667
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.42	17.29	0.0536
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.75	15.62	0.0365
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.76	15.63	0.0366
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.81	14.68	0.0294
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.69	18.56	0.0718
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.64	19.51	0.0893
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.43	18.3	0.0676



Software Version: 23.06.1602

FR1 N78 TXD_ANT2+7

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-3.12dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	27.14	27.01	30.09	26.97	0.4977
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	26.10	26.25	29.19	26.07	0.4046
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	27.08	27.04	30.07	26.95	0.4955
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.16	26.12	29.15	26.03	0.4009
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.89	27.05	29.98	26.86	0.4853
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	26.32	26.16	29.25	26.13	0.4102
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.95	26.99	29.98	26.86	0.4853
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	26.15	26.19	29.18	26.06	0.4036
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	27.16	27.03	30.10	26.98	0.4989
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.10	26.04	29.08	25.96	0.3945
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	27.06	27.02	30.05	26.93	0.4932
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	26.18	26.24	29.22	26.1	0.4074
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.96	27.01	30.00	26.88	0.4875
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	26.23	26.03	29.14	26.02	0.3999
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	27.20	26.92	30.08	26.96	0.4966
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.08	26.03	29.06	25.94	0.3926
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	27.08	26.92	30.01	26.89	0.4887
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	26.19	26.07	29.14	26.02	0.3999
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	27.08	27.11	30.11	26.99	0.5000
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	26.25	26.30	29.28	26.16	0.4130
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	27.01	26.99	30.01	26.89	0.4887
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.27	26.19	29.24	26.12	0.4093
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	27.19	27.13	30.17	27.05	0.5070
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	26.32	26.29	29.31	26.19	0.4159
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	26.87	27.00	29.95	26.83	0.4819
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	26.30	26.34	29.33	26.21	0.4178
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.99	27.22	30.12	27	0.5012
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.11	26.33	29.23	26.11	0.4083
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	27.25	26.98	30.13	27.01	0.5023
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	26.22	26.12	29.18	26.06	0.4036
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	27.04	27.00	30.03	26.91	0.4909
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	26.02	26.20	29.12	26	0.3981
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	27.00	27.07	30.05	26.93	0.4932
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.82	25.96	28.90	25.78	0.3784



78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	27.18	26.88	30.04	26.92	0.4920
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	26.17	26.06	29.13	26.01	0.3990
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	27.10	26.92	30.02	26.9	0.4898
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	26.54	26.35	29.46	26.34	0.4305
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.97	27.12	30.05	26.93	0.4932
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.16	26.43	29.31	26.19	0.4159
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	27.06	27.09	30.09	26.97	0.4977
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	26.37	26.23	29.31	26.19	0.4159
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	27.02	27.03	30.03	26.91	0.4909
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.95	26.07	29.02	25.9	0.3890
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	26.98	27.12	30.06	26.94	0.4943
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.93	26.24	29.10	25.98	0.3963
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	26.98	27.05	30.03	26.91	0.4909
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	25.87	26.12	29.01	25.89	0.3882
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	26.90	27.26	30.09	26.97	0.4977
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	26.22	26.37	29.31	26.19	0.4159
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	26.88	27.23	30.07	26.95	0.4955
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.99	26.38	29.20	26.08	0.4055
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	27.00	27.15	30.09	26.97	0.4977
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	25.79	26.11	28.96	25.84	0.3837
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26.92	27.11	30.03	26.91	0.4909
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	26.16	26.27	29.22	26.1	0.4074
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	26.87	27.10	30.00	26.88	0.4875
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.06	26.37	29.23	26.11	0.4083
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	26.86	27.16	30.02	26.9	0.4898
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	26.07	26.17	29.13	26.01	0.3990
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	27.01	27.06	30.05	26.93	0.4932
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.17	26.47	29.33	26.21	0.4178
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26.90	27.13	30.03	26.91	0.4909
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.04	26.38	29.22	26.1	0.4074
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.80	27.08	29.95	26.83	0.4819
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	25.98	26.39	29.20	26.08	0.4055
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.97	27.16	30.08	26.96	0.4966
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.16	27.18	30.18	27.06	0.5082
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.55	26.56	29.56	26.44	0.4406
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.84	27.04	29.95	26.83	0.4819
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	27.07	27.20	30.14	27.02	0.5035
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.57	26.63	29.61	26.49	0.4457
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	26.01	26.16	29.10	25.98	0.3963
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.29	26.46	29.38	26.26	0.4227
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.72	25.79	28.76	25.64	0.3664
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.15	24.23	27.20	24.08	0.2559



78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.27	24.24	27.26	24.14	0.2594
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.97	23.85	26.92	23.8	0.2399
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.74	21.76	24.76	21.64	0.1459
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.59	21.75	24.69	21.57	0.1435
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.11	21.01	24.07	20.95	0.1245
78	30	100	650000	3750	CP-OFDM QPSK	137@68	25.47	25.52	28.50	25.38	0.3451
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.62	25.72	28.68	25.56	0.3597
78	30	100	650000	3750	CP-OFDM QPSK	1@271	25.19	25.17	28.19	25.07	0.3214



Software Version: 23.06.1602

FR1 N78 MIMO-ANT2+7

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-3.12dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arcfn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	27.34	27.3	30.33	27.21	0.5260
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	26.36	26.46	29.42	26.3	0.4266
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	27.36	27.34	30.36	27.24	0.5297
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.4	26.4	29.41	26.29	0.4256
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	27.18	27.17	30.19	27.07	0.5093
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	26.44	26.44	29.45	26.33	0.4295
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	27.09	27.12	30.12	27	0.5012
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	26.35	26.35	29.36	26.24	0.4207
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	27.28	27.21	30.26	27.14	0.5176
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.33	26.31	29.33	26.21	0.4178
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	27.29	27.17	30.24	27.12	0.5152
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	26.45	26.37	29.42	26.3	0.4266
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	27.13	27.14	30.15	27.03	0.5047
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	26.41	26.26	29.35	26.23	0.4198
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	27.32	27.18	30.26	27.14	0.5176
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.3	26.3	29.31	26.19	0.4159
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	27.34	27.18	30.27	27.15	0.5188
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	26.4	26.21	29.32	26.2	0.4169
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	27.18	27.27	30.24	27.12	0.5152
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	26.36	26.44	29.41	26.29	0.4256
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	27.21	27.27	30.25	27.13	0.5164
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.46	26.38	29.43	26.31	0.4276
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	27.42	27.26	30.35	27.23	0.5284
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	26.51	26.48	29.51	26.39	0.4355
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	27.12	27.21	30.18	27.06	0.5082
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	26.42	26.59	29.52	26.4	0.4365
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	27.21	27.47	30.35	27.23	0.5284
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.39	26.56	29.49	26.37	0.4335
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	27.43	27.21	30.33	27.21	0.5260
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	26.45	26.32	29.40	26.28	0.4246
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	27.21	27.24	30.24	27.12	0.5152
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	26.17	26.46	29.33	26.21	0.4178
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	27.18	27.37	30.29	27.17	0.5212
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.11	26.25	29.19	26.07	0.4046



78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	27.33	27.16	30.26	27.14	0.5176
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	26.41	26.3	29.37	26.25	0.4217
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	27.31	27.13	30.23	27.11	0.5140
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	26.66	26.56	29.62	26.5	0.4467
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	27.25	27.36	30.32	27.2	0.5248
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.42	26.69	29.57	26.45	0.4416
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	27.36	27.37	30.38	27.26	0.5321
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	26.56	26.48	29.53	26.41	0.4375
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	27.16	27.28	30.23	27.11	0.5140
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	26.13	26.36	29.26	26.14	0.4111
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	27.17	27.39	30.29	27.17	0.5212
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.05	26.35	29.21	26.09	0.4064
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	27.24	27.16	30.21	27.09	0.5117
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	26.03	26.28	29.17	26.05	0.4027
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	27.16	27.48	30.33	27.21	0.5260
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	26.45	26.48	29.48	26.36	0.4325
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	27.08	27.39	30.25	27.13	0.5164
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.2	26.48	29.35	26.23	0.4198
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	27.18	27.28	30.24	27.12	0.5152
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	26	26.34	29.18	26.06	0.4036
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	27.18	27.38	30.29	27.17	0.5212
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	26.27	26.53	29.41	26.29	0.4256
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	27.16	27.38	30.28	27.16	0.5200
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.33	26.51	29.43	26.31	0.4276
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	27.15	27.31	30.24	27.12	0.5152
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	26.31	26.37	29.35	26.23	0.4198
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	27.18	27.35	30.28	27.16	0.5200
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.35	26.58	29.48	26.36	0.4325
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	27.18	27.34	30.27	27.15	0.5188
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.28	26.56	29.43	26.31	0.4276
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	27.09	27.34	30.23	27.11	0.5140
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	26.2	26.53	29.38	26.26	0.4227
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	27.19	27.33	30.27	27.15	0.5188
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.33	27.43	30.39	27.27	0.5333
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.76	26.83	29.81	26.69	0.4667
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	27.13	27.26	30.21	27.09	0.5117
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	27.23	27.3	30.28	27.16	0.5200
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.85	26.82	29.85	26.73	0.4710
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	26.29	26.32	29.32	26.2	0.4169
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.47	26.65	29.57	26.45	0.4416
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.98	25.94	28.97	25.85	0.3846
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.38	24.38	27.39	24.27	0.2673



78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.46	24.5	27.49	24.37	0.2735
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.11	24	27.07	23.95	0.2483
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.9	21.94	24.93	21.81	0.1517
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.81	21.86	24.85	21.73	0.1489
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.27	21.29	24.29	21.17	0.1309
78	30	100	650000	3750	CP-OFDM QPSK	137@68	25.69	25.75	28.73	25.61	0.3639
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.83	25.94	28.90	25.78	0.3784
78	30	100	650000	3750	CP-OFDM QPSK	1@271	25.46	25.39	28.44	25.32	0.3404



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

n77 SA / NR 100MHz / QPSK(ANT2)									
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	7584	-59.71	-13	-46.71	-51.03	-61.23	11.98	13.50	H
	11376	-53.78	-13	-40.78	-54.36	-53.78	13.60	13.60	H
	15168	-55.03	-13	-42.03	-55.32	-54.63	15.50	15.10	H
	7584	-57.29	-13	-44.29	-48.4	-58.81	11.98	13.50	V
	11376	-53.91	-13	-40.91	-54.3	-53.91	13.60	13.60	V
	15168	-54.91	-13	-41.91	-55.51	-54.51	15.50	15.10	V

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

EN-DC_30A_n77A / LTE 20MHz + NR 100MHz / QPSK(1+7)									
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	-59.73	-13	-46.73	-51.05	-61.25	11.98	13.50	H
	11373.54	-53.50	-13	-40.50	-54.07	-53.50	13.60	13.60	H
	15164.72	-55.00	-13	-42.00	-55.31	-54.60	15.50	15.10	H
	7582.36	-55.39	-13	-42.39	-46.5	-56.91	11.98	13.50	V
	11373.54	-53.72	-13	-40.72	-54.1	-53.72	13.60	13.60	V
	15164.72	-54.49	-13	-41.49	-55.11	-54.09	15.50	15.10	V
LTE Band30 Middle	4611.50	-57.76	-40	-17.76	-75.33	-64.01	6.45	12.70	H
	6916.50	-62.18	-40	-22.18	-51.42	-65.58	8.40	11.80	H
	9223.00	-55.68	-40	-15.68	-51.98	-58.03	9.65	12.00	H
	4611.50	-58.05	-40	-18.05	-75.47	-64.30	6.45	12.70	V
	6916.50	-62.29	-40	-22.29	-51.49	-65.69	8.40	11.80	V
	9223.00	-55.74	-40	-15.74	-51.62	-58.09	9.65	12.00	V

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



n77_TXD / NR 100MHz / QPSK(ANT2+7)									
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	7584	-59.06	-13	-46.06	-50.38	-60.58	11.98	13.50	H
	11376	-54.13	-13	-41.13	-54.71	-54.13	13.60	13.60	H
	15168	-55.38	-13	-42.38	-55.67	-54.98	15.50	15.10	H
	7584	-56.65	-13	-43.65	-47.76	-58.17	11.98	13.50	V
	11376	-53.65	-13	-40.65	-54.04	-53.65	13.60	13.60	V
	15168	-54.65	-13	-41.65	-55.25	-54.25	15.50	15.10	V

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

n77 UL MIMO / NR 100+100MHz / QPSK(ANT2+7)									
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	7584.00	-57.47	-13	-44.47	-48.79	-60.77	8.30	11.60	H
	11376.00	-53.40	-13	-40.40	-53.98	-54.92	10.48	12.00	H
	15168.00	-54.51	-13	-41.51	-54.80	-56.21	11.80	13.50	H
	7584.00	-56.52	-13	-43.52	-47.63	-59.82	8.30	11.60	V
	11376.00	-53.83	-13	-40.83	-54.22	-55.35	10.48	12.00	V
	15168.00	-54.20	-13	-41.20	-54.80	-55.90	11.80	13.50	V

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