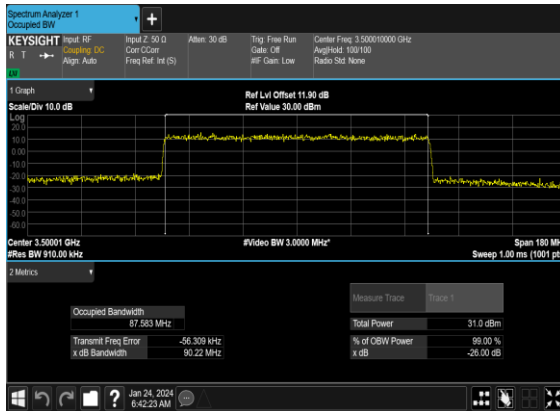
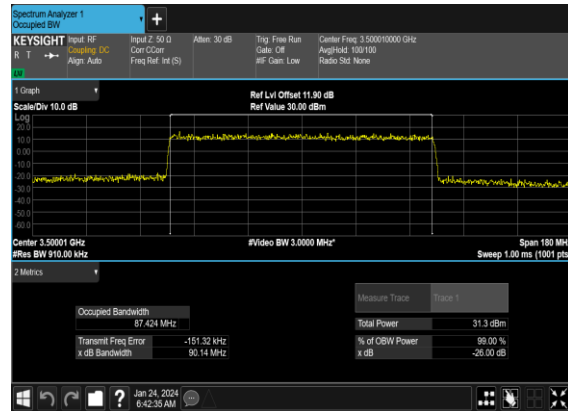


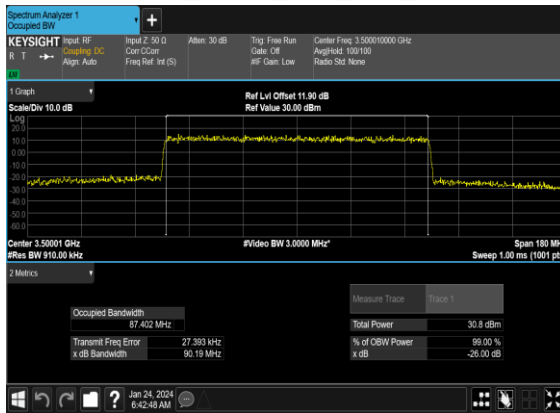
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



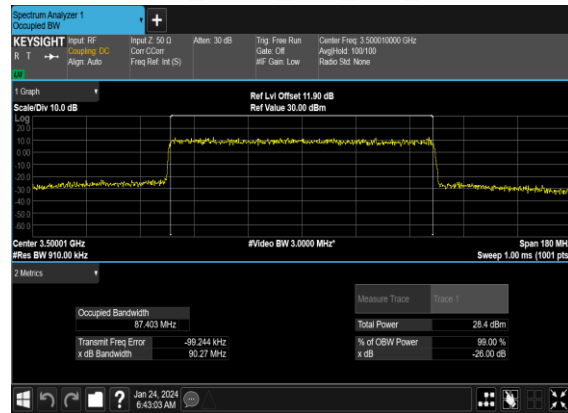
N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



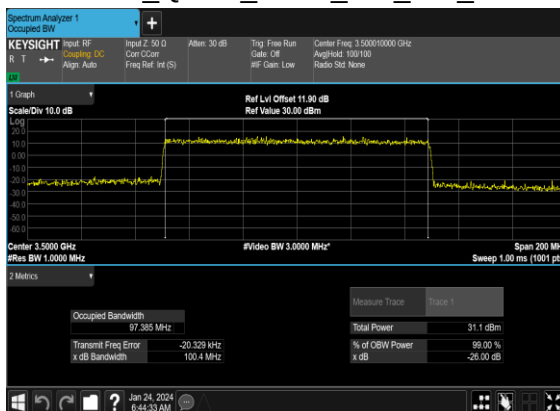
N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



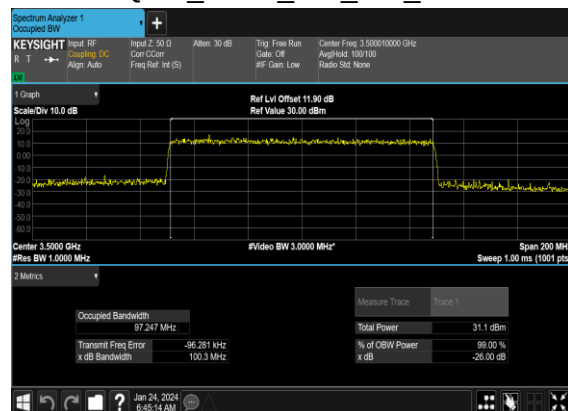
N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



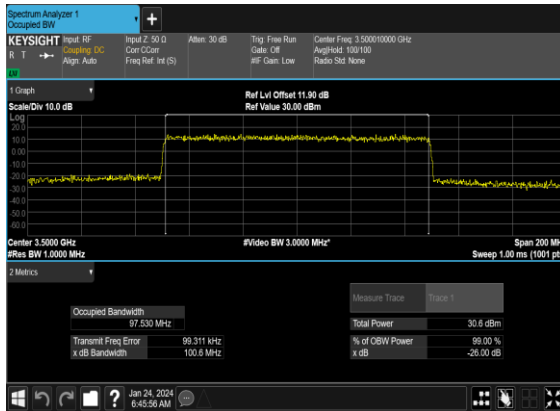
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



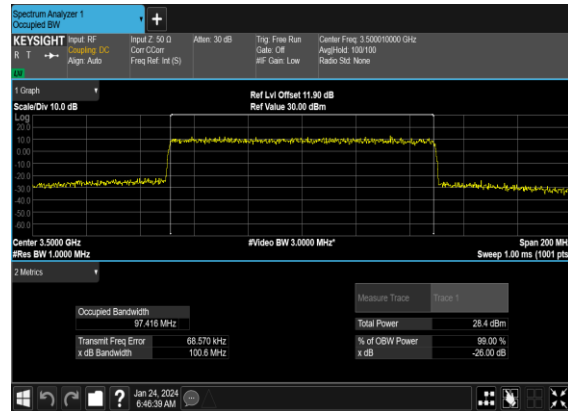
N77(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

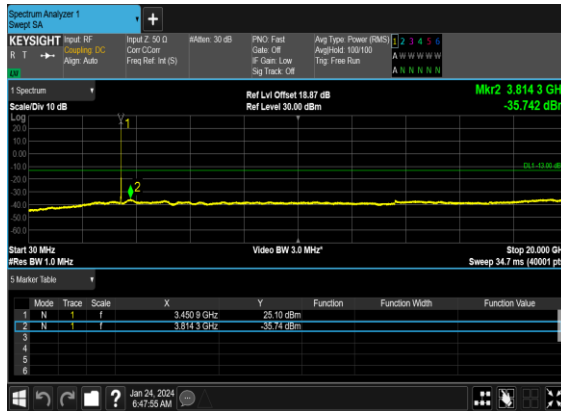


Conducted Spurious Emissions

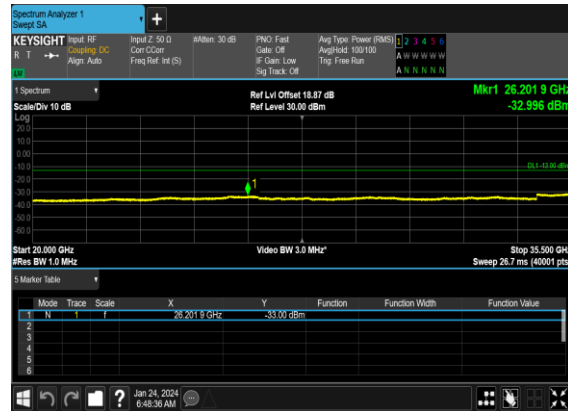
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS

77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS

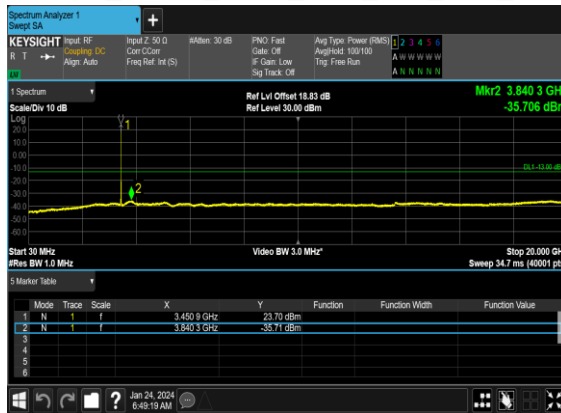
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



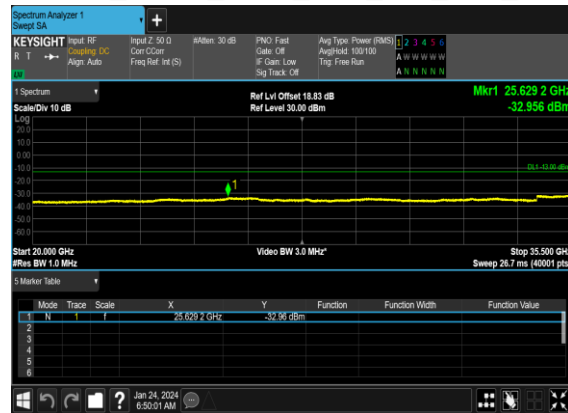
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



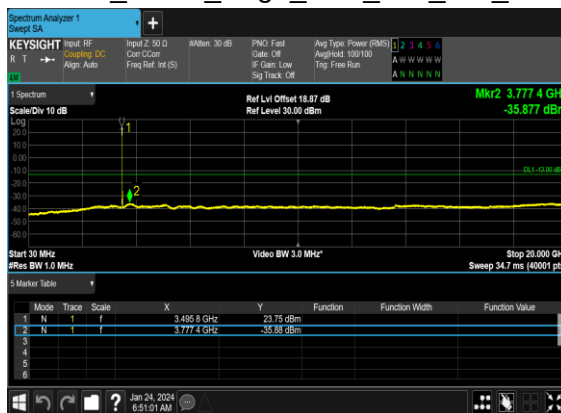
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



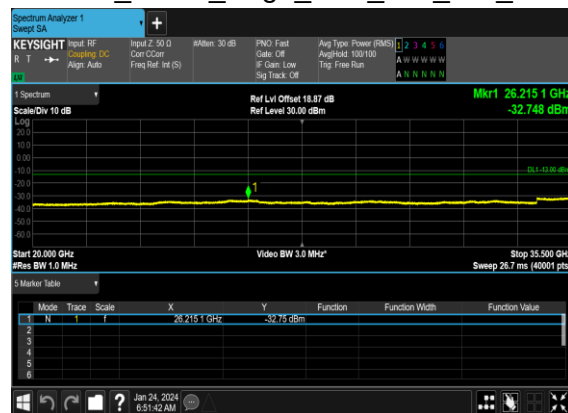
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



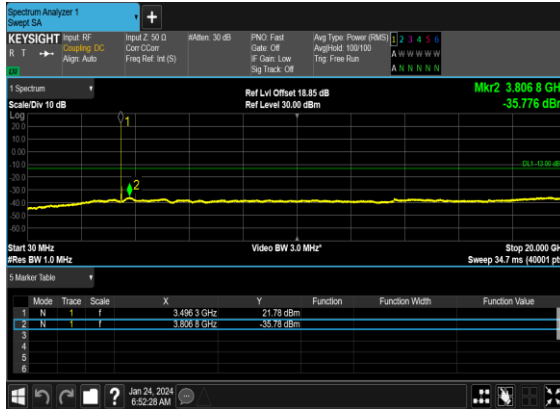
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



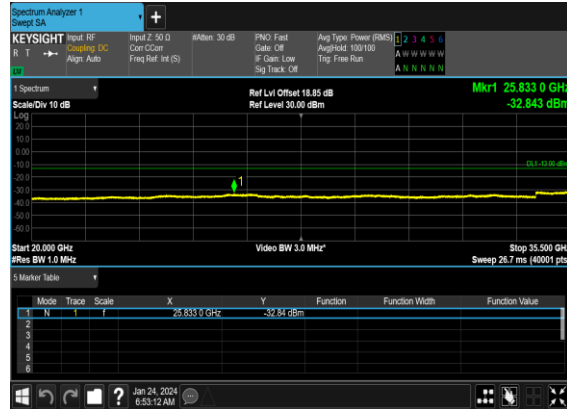
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



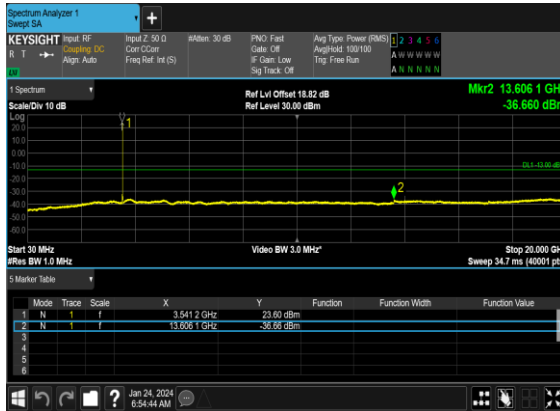
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



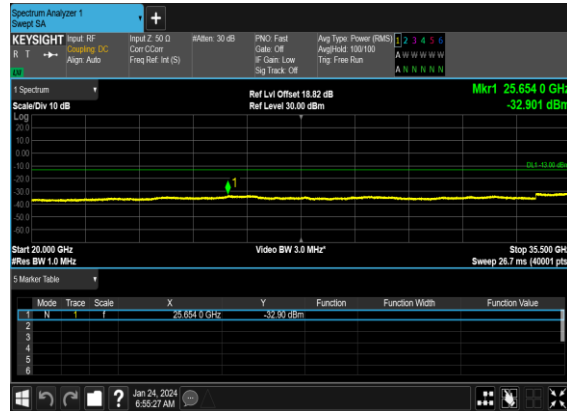
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



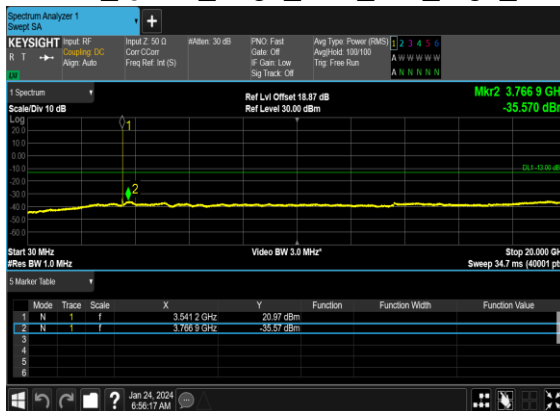
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



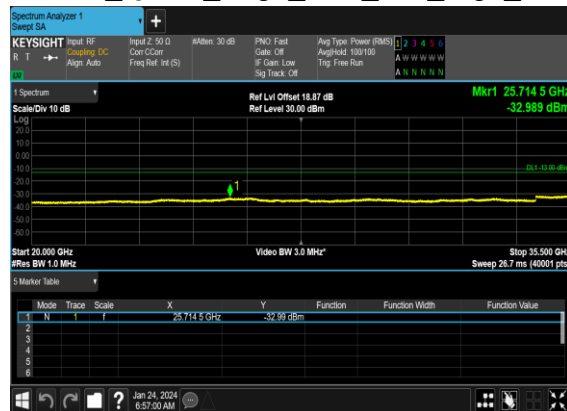
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



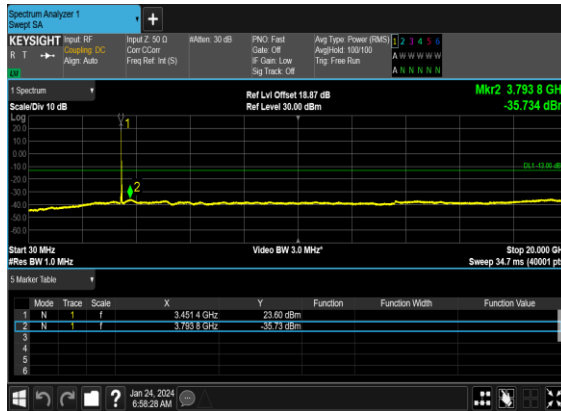
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



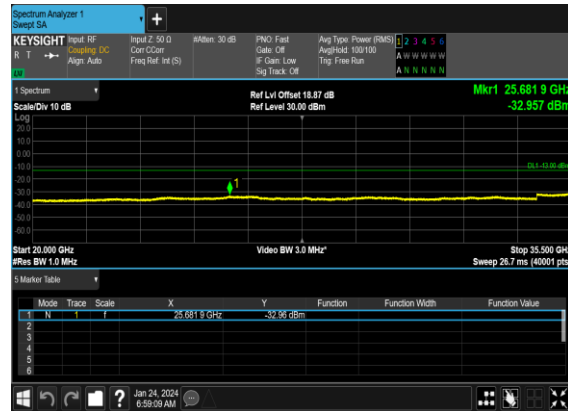
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



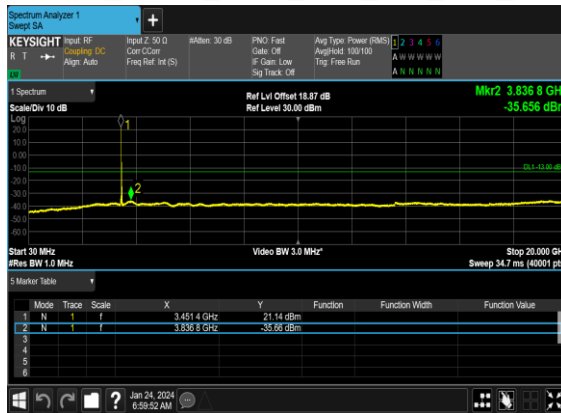
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



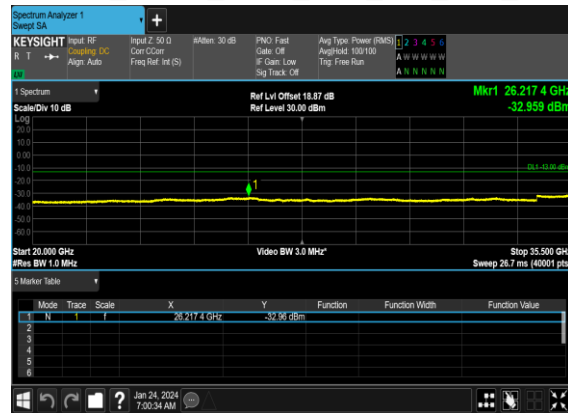
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



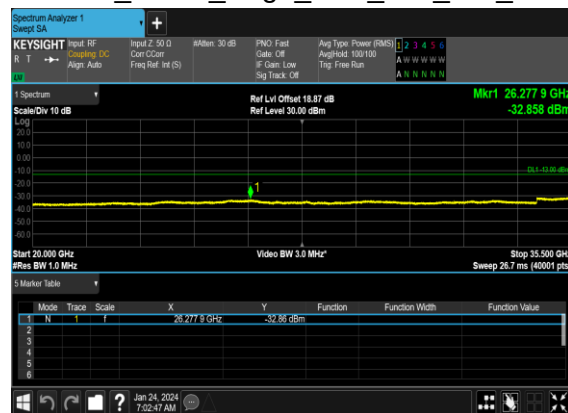
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



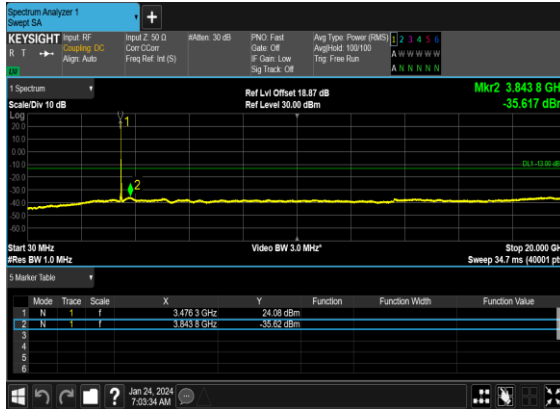
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



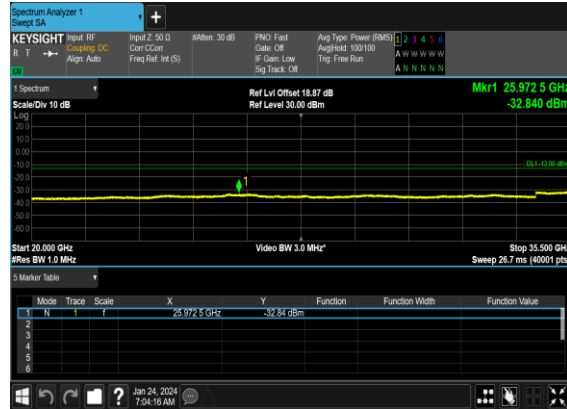
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



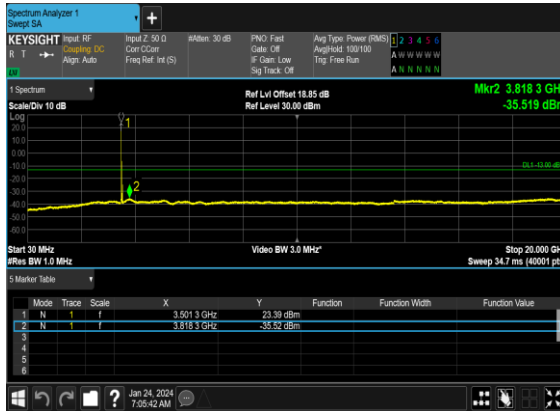
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



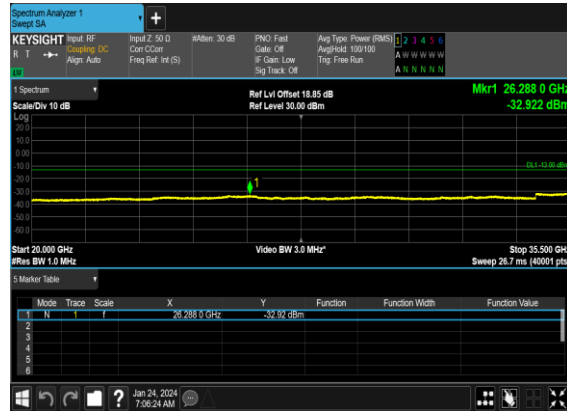
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



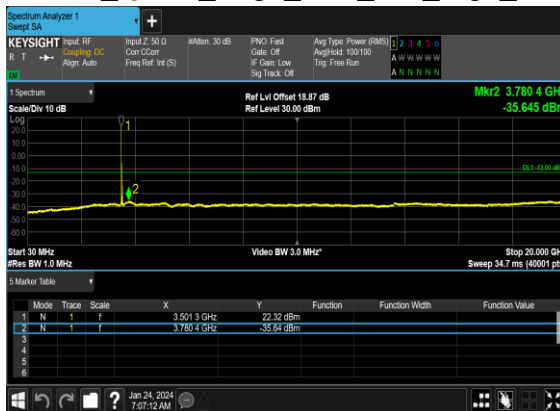
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



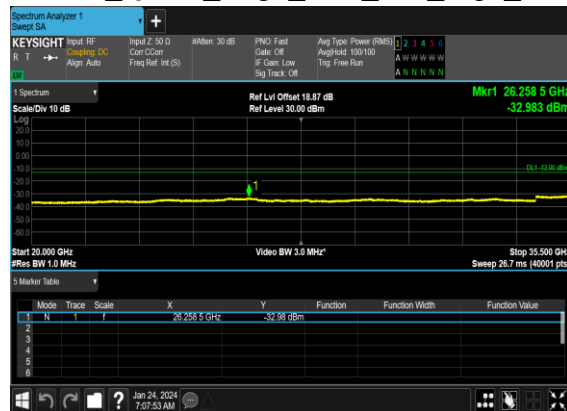
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



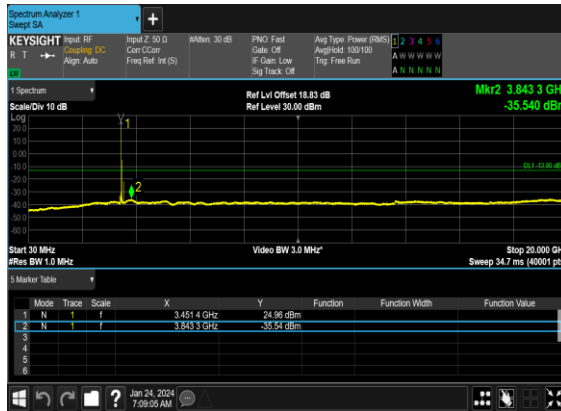
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



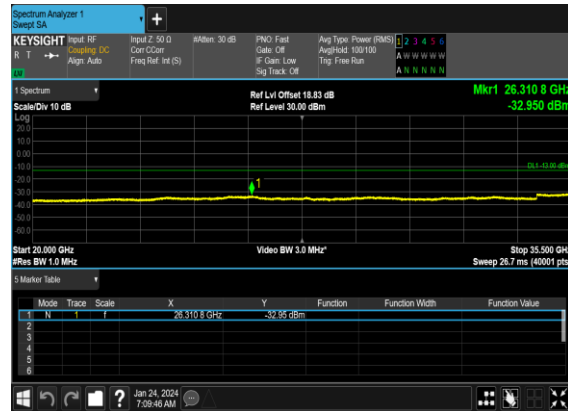
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



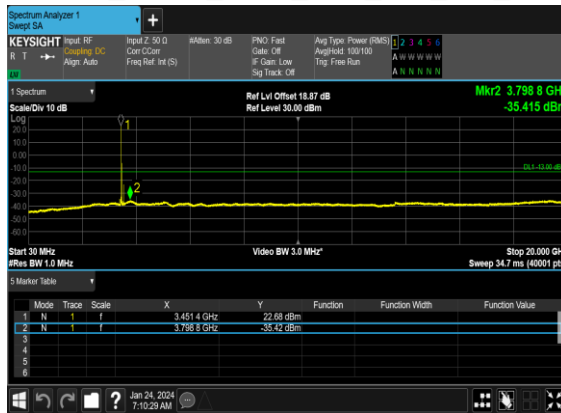
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



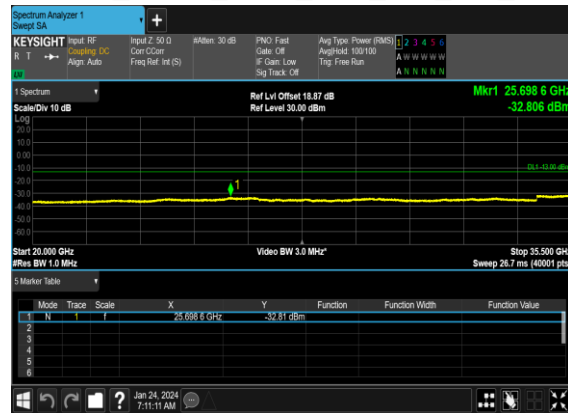
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

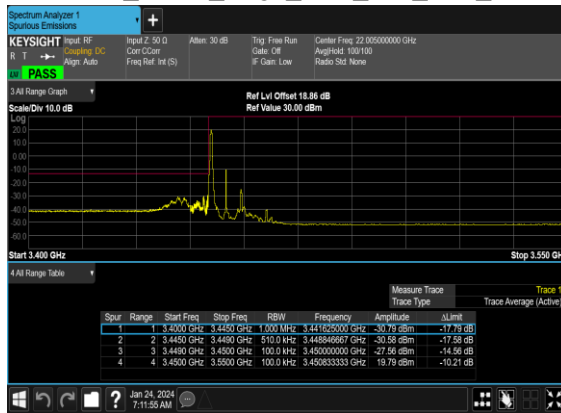


Conducted Band Edge

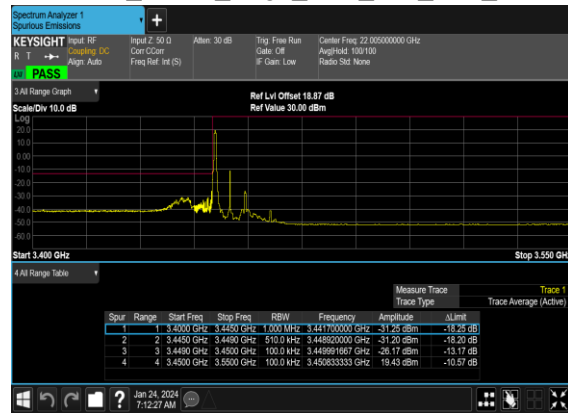
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS

77	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

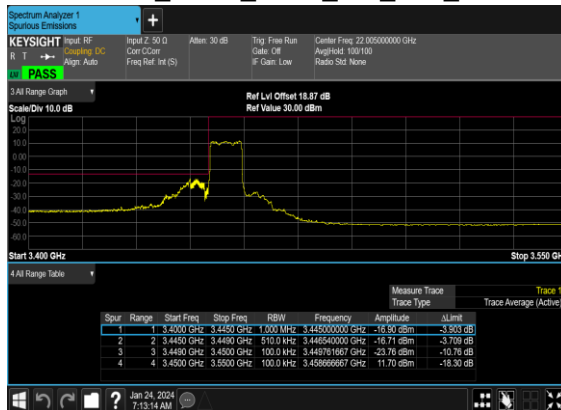
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



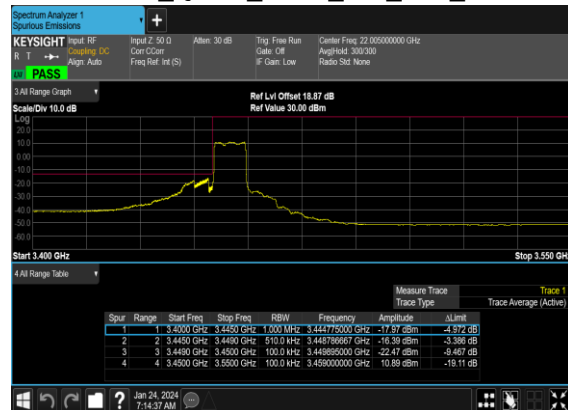
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



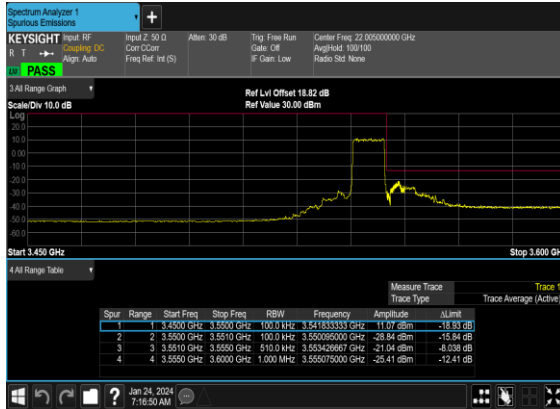
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



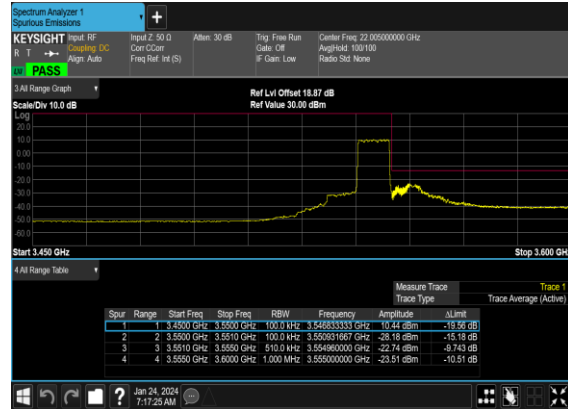
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



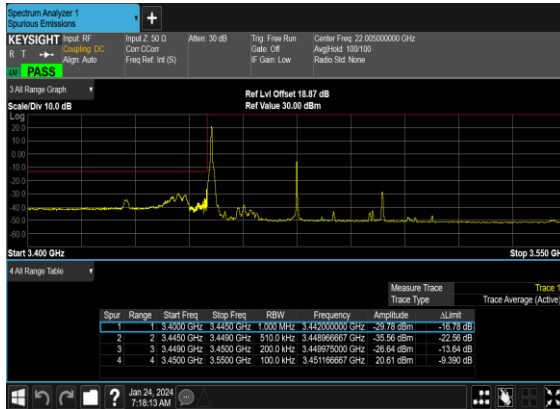
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



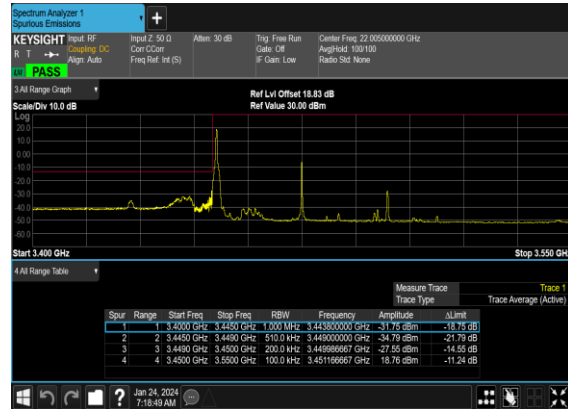
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



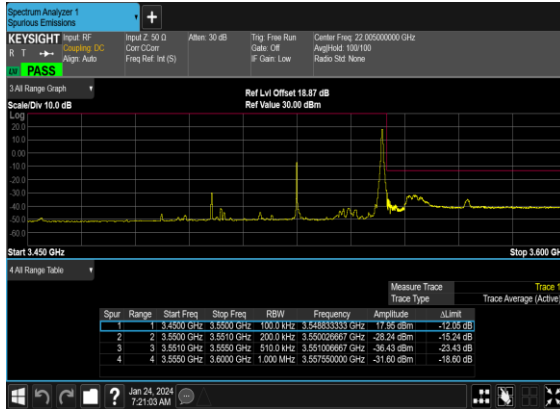
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



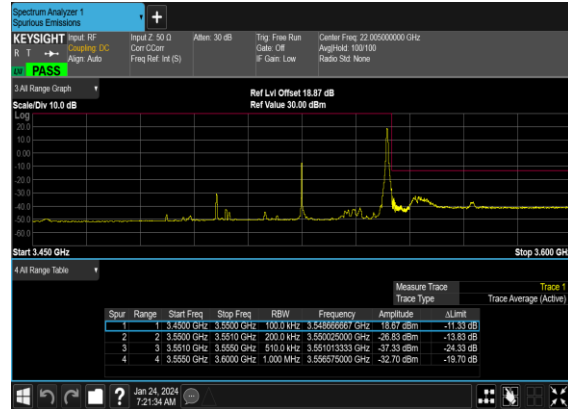
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



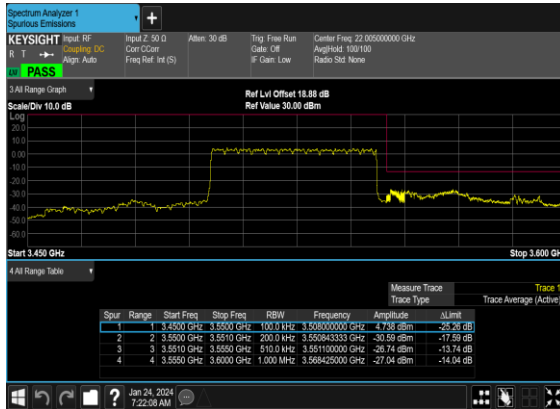
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



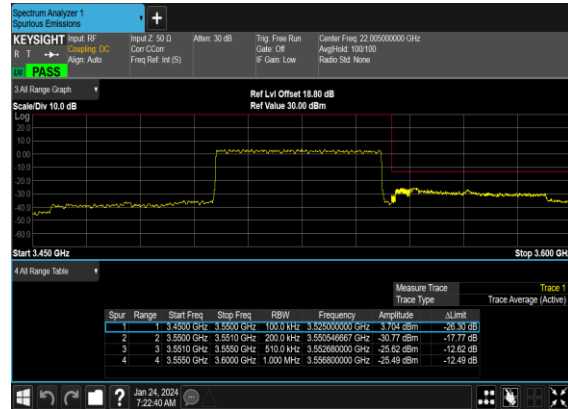
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



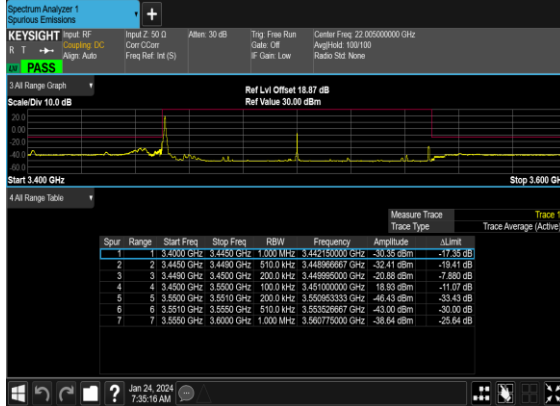
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



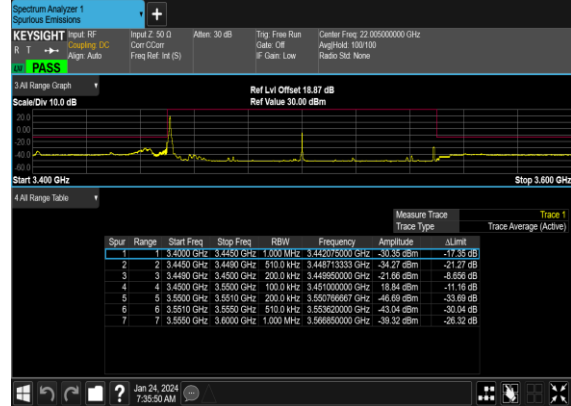
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



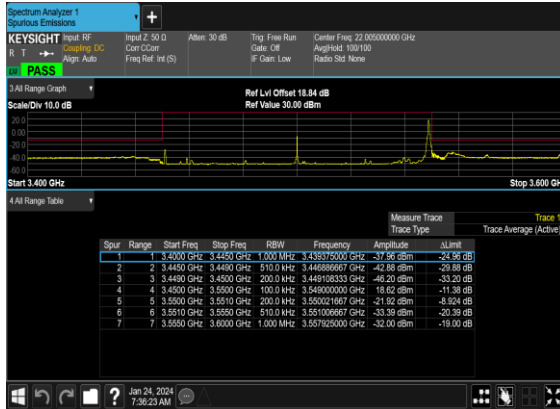
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



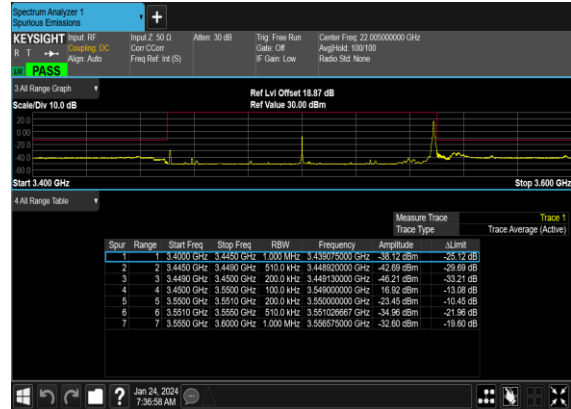
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



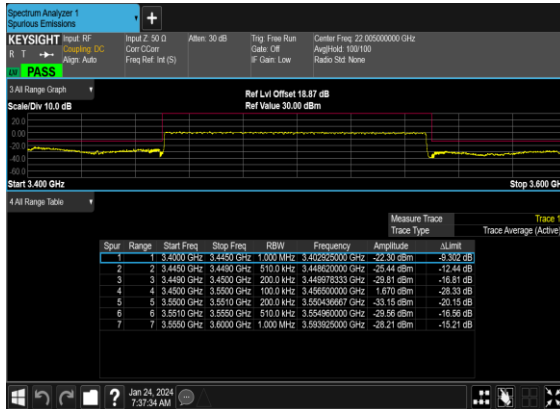
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



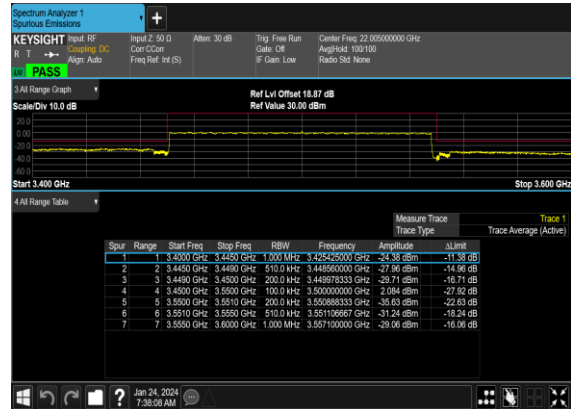
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N78 SCS 30kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-4.5dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.66	21.16	0.1306
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.74	20.24	0.1057
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.54	21.04	0.1271
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.61	20.11	0.1026
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.28	20.78	0.1197
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.36	19.86	0.0968
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.63	21.13	0.1297
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.78	20.28	0.1067
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.56	21.06	0.1276
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.53	20.03	0.1007
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.43	20.93	0.1239
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.36	19.86	0.0968
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.75	21.25	0.1334
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.71	20.21	0.1050
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.63	21.13	0.1297
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.51	20.01	0.1002
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.48	20.98	0.1253
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.43	19.93	0.0984
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.83	21.33	0.1358
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.81	20.31	0.1074
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.8	21.3	0.1349
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.83	20.33	0.1079
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.78	21.28	0.1343
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.79	20.29	0.1069
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.44	20.94	0.1242
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.42	19.92	0.0982
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.32	20.82	0.1208
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.27	19.77	0.0948
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.3	20.8	0.1202
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.32	19.82	0.0959
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.81	21.31	0.1352
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.76	20.26	0.1062
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.66	21.16	0.1306
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.6	20.1	0.1023
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.64	21.14	0.1300
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.62	20.12	0.1028
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.76	21.26	0.1337
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.66	20.16	0.1038
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.56	21.06	0.1276
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.7	20.2	0.1047

78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.56	21.06	0.1276
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.69	20.19	0.1045
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.67	21.17	0.1309
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.82	20.32	0.1076
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.55	21.05	0.1274
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.76	20.26	0.1062
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.47	20.97	0.1250
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.65	20.15	0.1035
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.57	21.07	0.1279
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.79	20.29	0.1069
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.51	21.01	0.1262
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.7	20.2	0.1047
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.5	21	0.1259
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.67	20.17	0.1040
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.75	21.25	0.1334
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.64	20.14	0.1033
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.66	21.16	0.1306
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.58	20.08	0.1019
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.7	21.2	0.1318
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.67	20.17	0.1040
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.73	21.23	0.1327
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.64	20.14	0.1033
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.7	21.2	0.1318
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.61	20.11	0.1026
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.69	21.19	0.1315
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.67	20.17	0.1040
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.44	20.94	0.1242
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.89	21.39	0.1377
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	24.92	20.42	0.1102
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.47	20.97	0.1250
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.59	21.09	0.1285
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25	20.5	0.1122
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.51	20.01	0.1002
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.77	20.27	0.1064
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.14	19.64	0.0920
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.01	18.51	0.0710
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.2	18.7	0.0741
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22.52	18.02	0.0634
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.96	16.46	0.0443
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.12	16.62	0.0459
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.37	15.87	0.0386
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.92	19.42	0.0875
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.14	19.64	0.0920
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.44	18.94	0.0783

FR1 N78 MIMO ANT(3+5)_SCS 30kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-1.49dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power (dBm)	ANT3 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	23.52	23.19	26.37	24.88	0.3076
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	22.3	22.07	25.20	23.71	0.2350
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.39	23.37	26.39	24.9	0.3090
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.28	22.16	25.23	23.74	0.2366
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	23.27	23.57	26.43	24.94	0.3119
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	22.48	22.15	25.33	23.84	0.2421
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	23.6	23.32	26.47	24.98	0.3148
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	22.55	22.17	25.37	23.88	0.2443
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.51	23.34	26.44	24.95	0.3126
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.44	22.34	25.40	23.91	0.2460
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	23.31	23.48	26.41	24.92	0.3105
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	22.17	22.38	25.29	23.8	0.2399
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	23.62	23.34	26.49	25	0.3162
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	22.47	22.2	25.35	23.86	0.2432
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.52	23.25	26.40	24.91	0.3097
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.5	22.33	25.43	23.94	0.2477
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	23.26	23.4	26.34	24.85	0.3055
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	22.24	22.45	25.36	23.87	0.2438
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	23.45	23.5	26.49	25	0.3162
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	22.92	22.55	25.75	24.26	0.2667
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.6	23.45	26.54	25.05	0.3199
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.87	22.43	25.67	24.18	0.2618
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	23.55	23.45	26.51	25.02	0.3177
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	22.71	22.55	25.64	24.15	0.2600
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	22.15	23.05	25.63	24.14	0.2594
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	22.26	22.71	25.50	24.01	0.2518
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.65	22.37	25.52	24.03	0.2529
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.02	21.56	24.81	23.32	0.2148
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	22.58	21.84	25.24	23.75	0.2371
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	22.13	20.97	24.60	23.11	0.2046
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.68	23.3	26.50	25.01	0.3170
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	22.72	22.35	25.55	24.06	0.2547
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.63	23.25	26.45	24.96	0.3133
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.67	22.23	25.47	23.98	0.2500
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	23.49	23.44	26.48	24.99	0.3155
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	22.51	22.35	25.44	23.95	0.2483
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	23.55	23.19	26.38	24.89	0.3083
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	22.56	22.18	25.38	23.89	0.2449
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.54	23.17	26.37	24.88	0.3076

78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.49	22.07	25.30	23.81	0.2404
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	23.4	23.22	26.32	24.83	0.3041
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	22.42	22.17	25.31	23.82	0.2410
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	23.6	23.24	26.43	24.94	0.3119
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	22.56	22.25	25.42	23.93	0.2472
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.61	23.12	26.38	24.89	0.3083
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.65	22.15	25.42	23.93	0.2472
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	23.54	23.26	26.41	24.92	0.3105
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	22.58	22.28	25.44	23.95	0.2483
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	23.52	23.21	26.38	24.89	0.3083
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	22.53	22.22	25.39	23.9	0.2455
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.5	23.01	26.27	24.78	0.3006
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.43	21.99	25.23	23.74	0.2366
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	23.52	23.15	26.35	24.86	0.3062
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	22.49	22.13	25.32	23.83	0.2415
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	23.49	23.26	26.39	24.9	0.3090
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	22.44	22.13	25.30	23.81	0.2404
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.56	23.16	26.37	24.88	0.3076
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.6	22.12	25.38	23.89	0.2449
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	23.59	23.12	26.37	24.88	0.3076
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	22.6	22.14	25.39	23.9	0.2455
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	23.5	23.23	26.38	24.89	0.3083
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	22.54	22.21	25.39	23.9	0.2455
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.48	23.19	26.35	24.86	0.3062
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.45	22.09	25.28	23.79	0.2393
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	23.51	23.13	26.33	24.84	0.3048
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	22.45	22.08	25.28	23.79	0.2393
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	23.68	23.38	26.54	25.05	0.3199
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.45	23.24	26.36	24.87	0.3069
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	23.3	23.48	26.40	24.91	0.3097
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	23.49	23.37	26.44	24.95	0.3126
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.4	23.17	26.30	24.81	0.3027
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	23.21	23.43	26.33	24.84	0.3048
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	22.53	22.4	25.48	23.99	0.2506
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.45	22.18	25.33	23.84	0.2421
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	22.36	22.5	25.44	23.95	0.2483
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	21	20.83	23.93	22.44	0.1754
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	21.07	20.79	23.94	22.45	0.1758
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	20.84	21.04	23.95	22.46	0.1762
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21	20.84	23.93	22.44	0.1754
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	19.26	18.94	22.11	20.62	0.1153
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	19.09	19.21	22.16	20.67	0.1167
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	20.54	20.26	23.41	21.92	0.1556
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	22	21.8	24.91	23.42	0.2198
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.75	21.95	24.86	23.37	0.2173

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shiwei Wen	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.

SA n77 / NR 100MHz / QPSK / ANT3									
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	6902.40	-57.80	-13	-44.80	-65.26	-61.10	8.30	11.60	H
	10353.60	-55.63	-13	-42.63	-67.65	-57.15	10.48	12.00	H
	13804.80	-53.20	-13	-40.20	-69.05	-54.90	11.80	13.50	H
	6902.40	-51.14	-13	-38.14	-59.88	-54.44	8.30	11.60	V
	10353.60	-53.34	-13	-40.34	-67.16	-54.86	10.48	12.00	V
	13804.80	-54.52	-13	-41.52	-69.18	-56.22	11.80	13.50	V

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

EN-DC 30A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT3 (LTE) & ANT5(NR)									
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	6902.40	-57.99	-13	-44.99	-65.45	-61.29	8.30	11.60	H
	10353.60	-56.70	-13	-43.70	-68.72	-58.22	10.48	12.00	H
	13804.80	-53.86	-13	-40.86	-69.71	-55.56	11.80	13.50	H
	6902.40	-56.85	-13	-43.85	-65.59	-60.15	8.30	11.60	V
	10353.60	-54.46	-13	-41.46	-68.28	-55.98	10.48	12.00	V
	13804.80	-54.81	-13	-41.81	-69.47	-56.51	11.80	13.50	V
LTE Band30 Middle	4611.00	-53.72	-40	-13.72	-58.67	-59.97	6.45	12.70	H
	6916.50	-57.98	-40	-17.98	-65.48	-61.38	8.40	11.80	H
	9222.00	-59.50	-40	-19.50	-69.02	-61.85	9.65	12.00	H
	4611.00	-49.92	-40	-9.92	-55	-56.17	6.45	12.70	V
	6916.50	-54.44	-40	-14.44	-63.04	-57.84	8.40	11.80	V
	9222.00	-56.62	-40	-16.62	-68.37	-58.97	9.65	12.00	V

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

SA n77 UL_MIMO / NR 100MHz / QPSK / ANT3+5(NR)									
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	6902.40	-57.67	-13	-44.67	-65.13	-60.97	8.30	11.60	H
	10353.60	-55.62	-13	-42.62	-67.64	-57.14	10.48	12.00	H
	13804.80	-53.21	-13	-40.21	-69.06	-54.91	11.80	13.50	H
	6902.40	-53.94	-13	-40.94	-62.68	-57.24	8.30	11.60	V
	10353.60	-53.84	-13	-40.84	-67.66	-55.36	10.48	12.00	V
	13804.80	-54.45	-13	-41.45	-69.11	-56.15	11.80	13.50	V

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