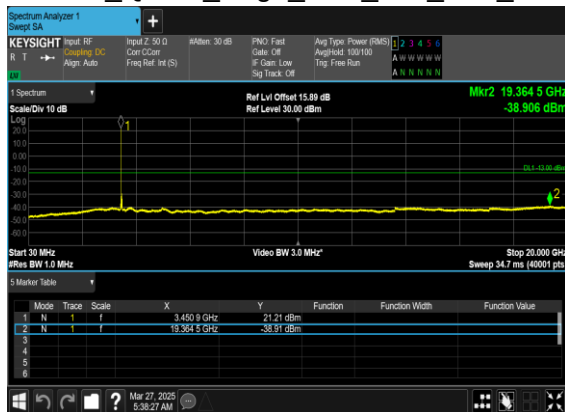
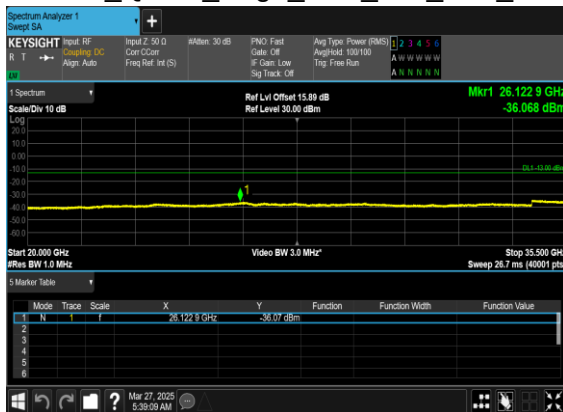


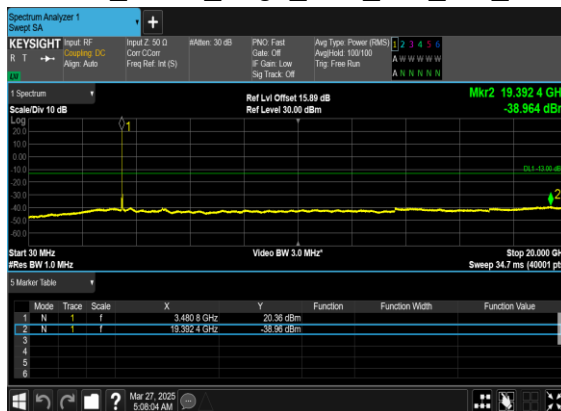


78	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

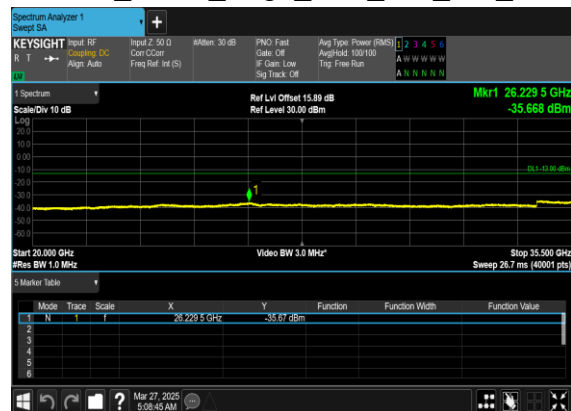
N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

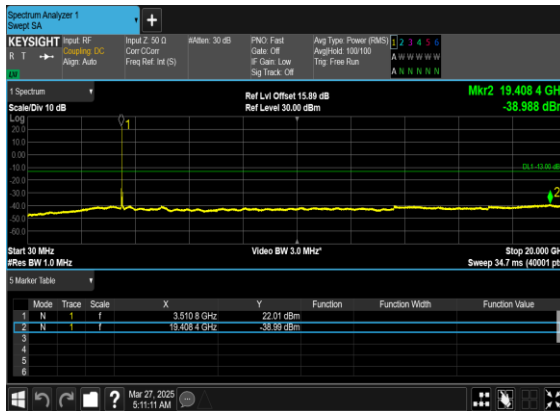


N78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

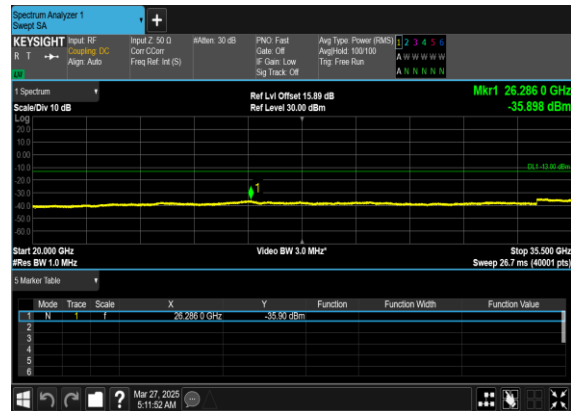




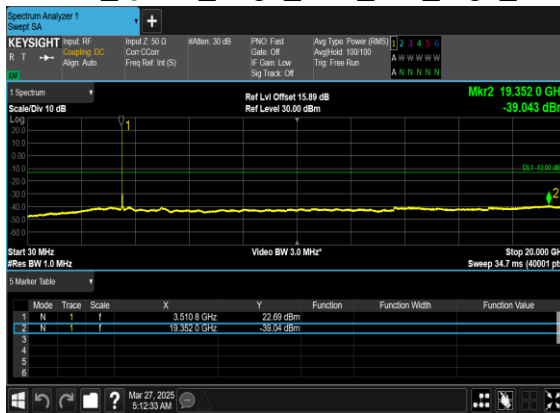
N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



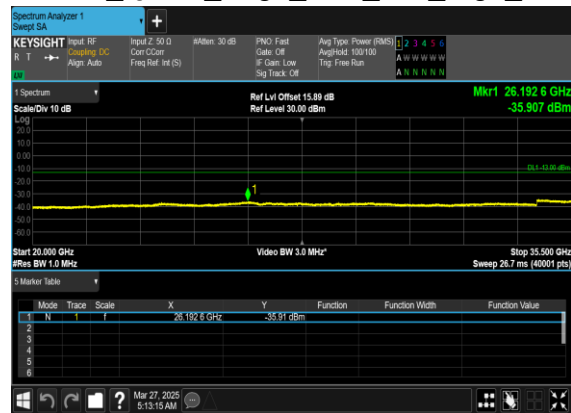
N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

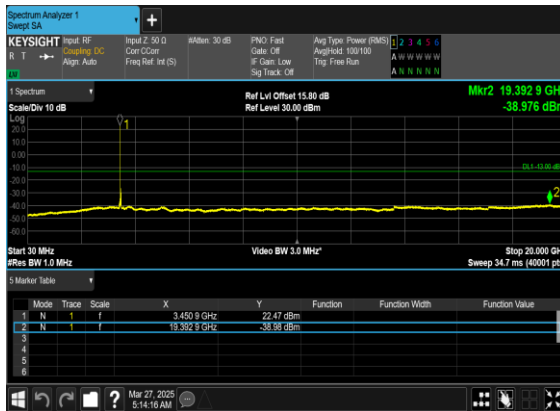


N78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

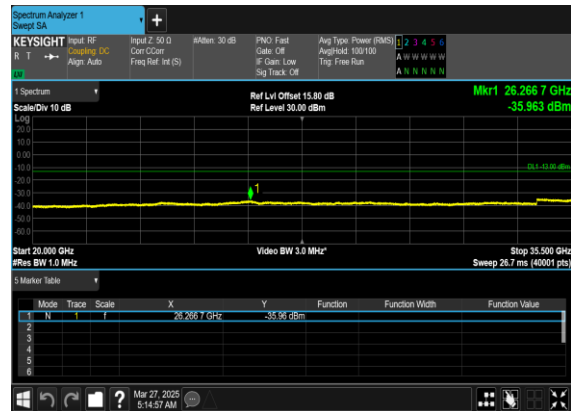




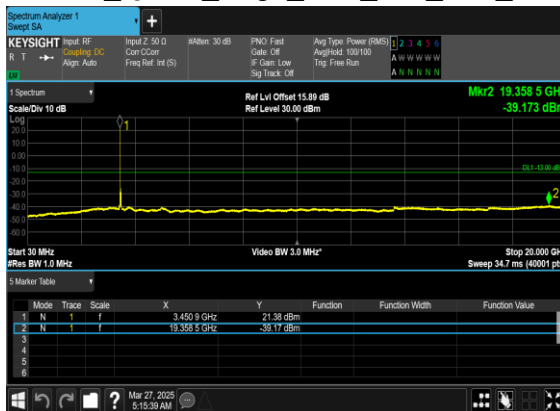
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



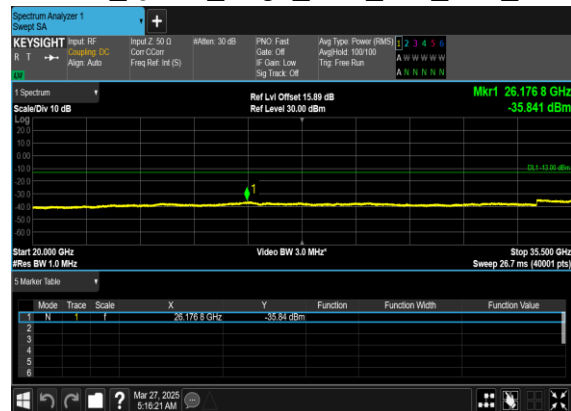
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

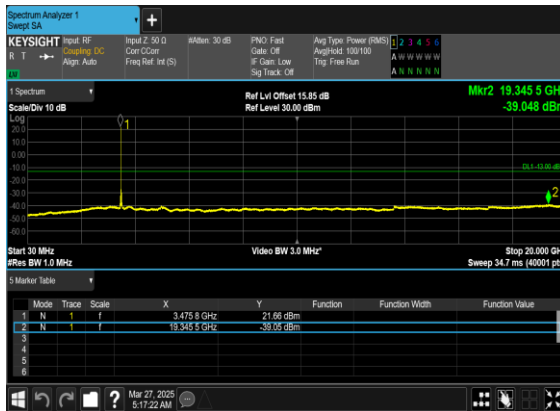


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

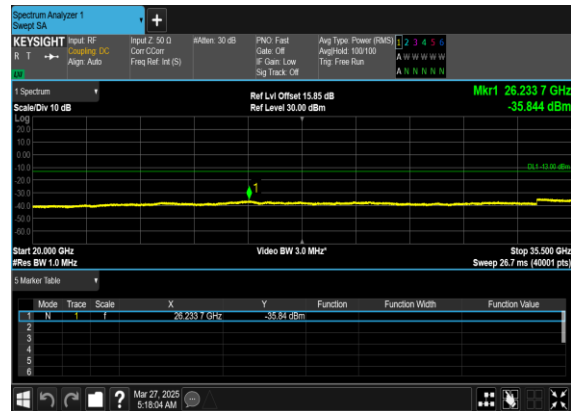




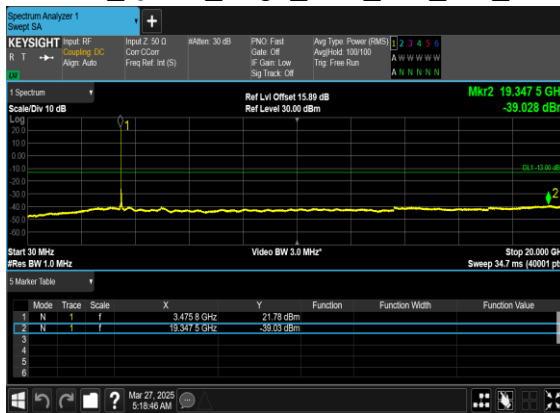
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



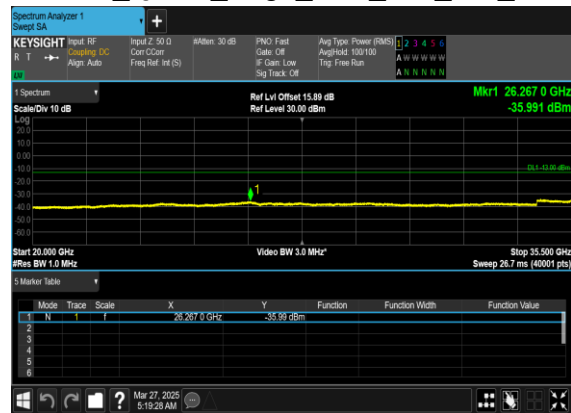
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

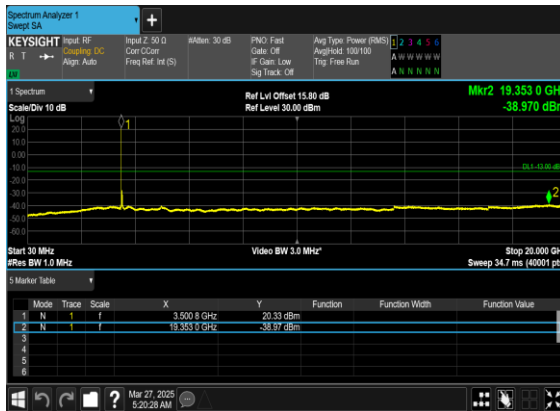


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

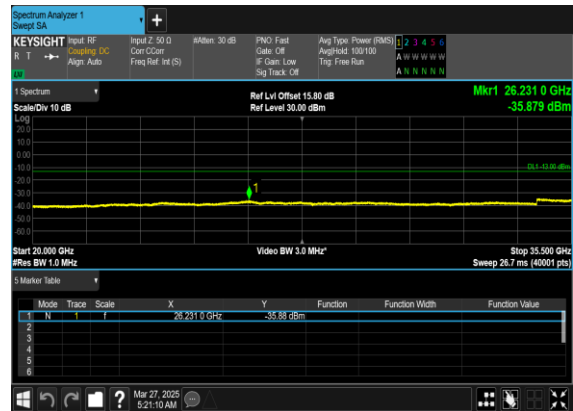




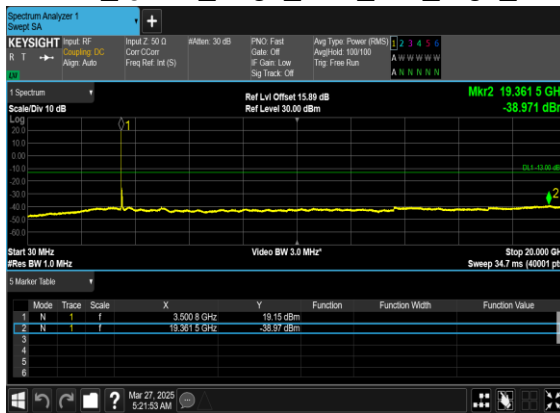
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



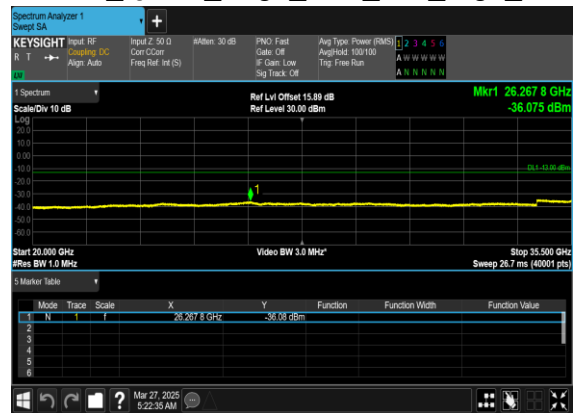
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

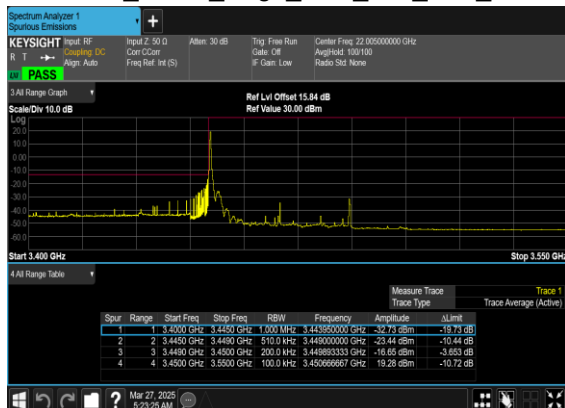
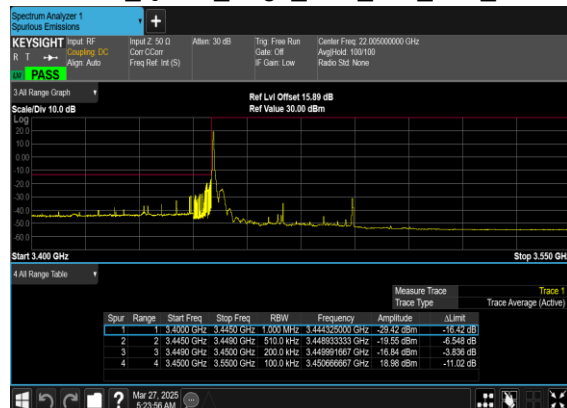
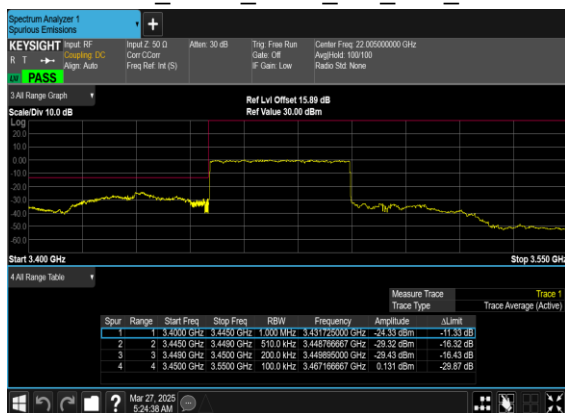
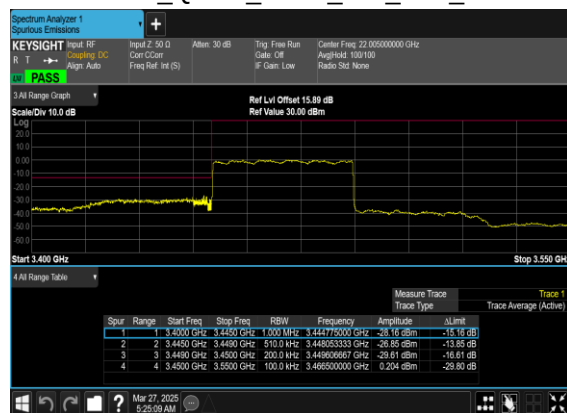


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



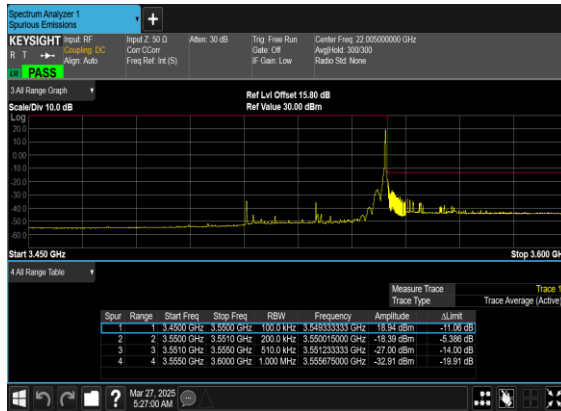
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	40	631334	3470.01	DFT-s-OFDM BPSK	216@0	see graph	PASS
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	216@0	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@215	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@215	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM BPSK	216@0	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	216@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	270@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@269	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@269	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

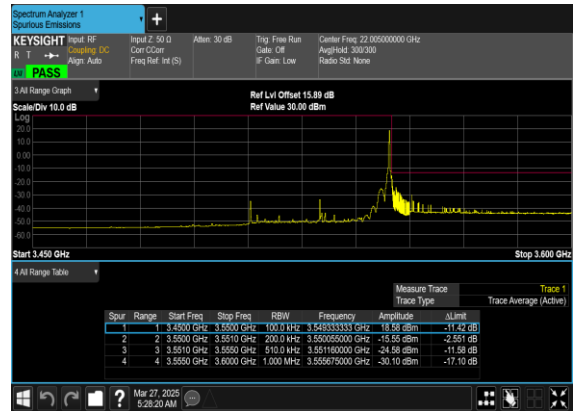
N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN78(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHN78(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



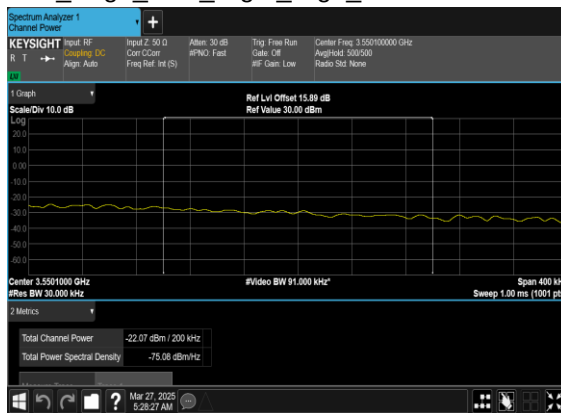
N78(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



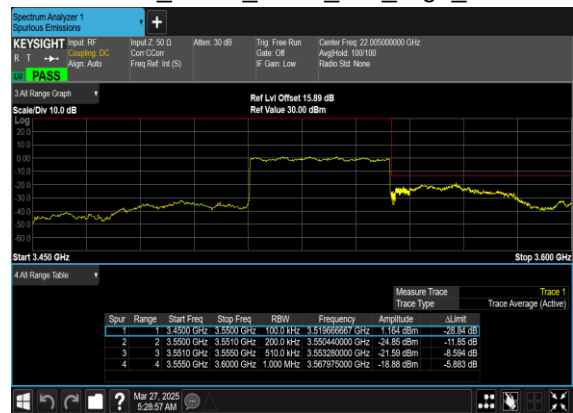
N78(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(40M)_DFT-s-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS

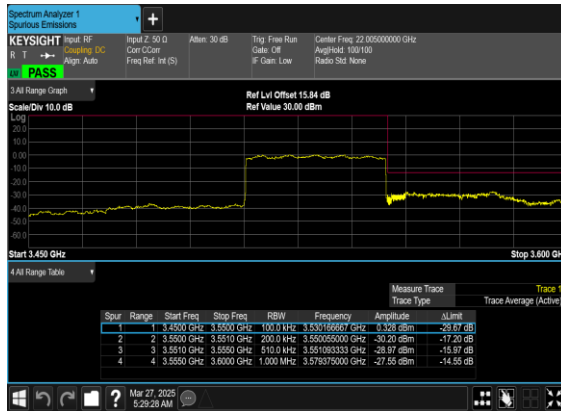


N78(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

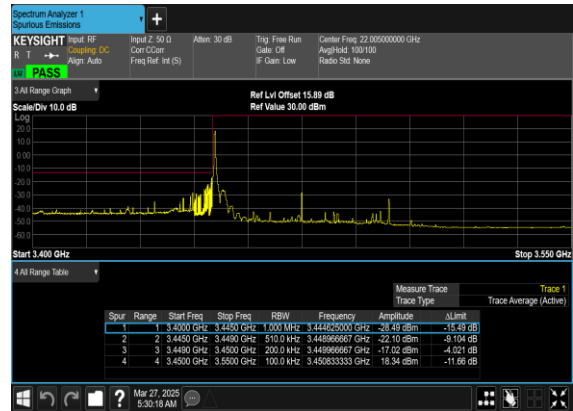




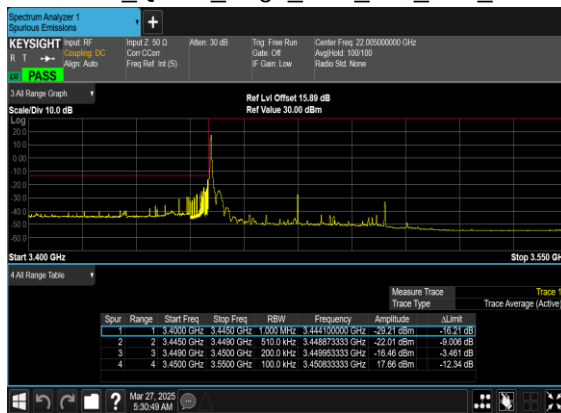
N78(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



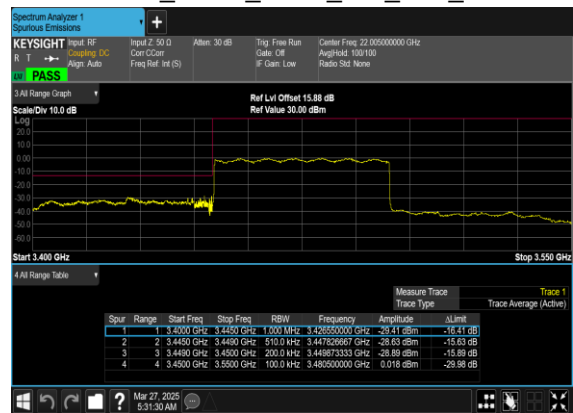
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

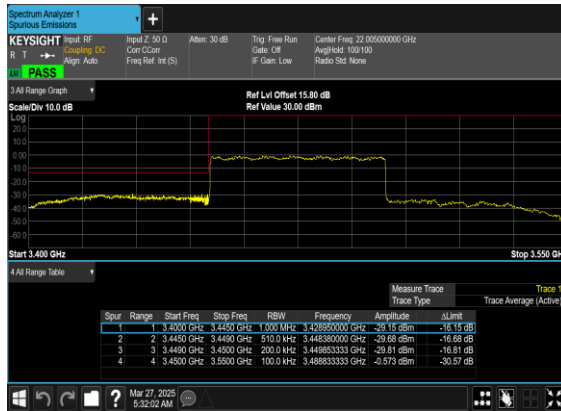
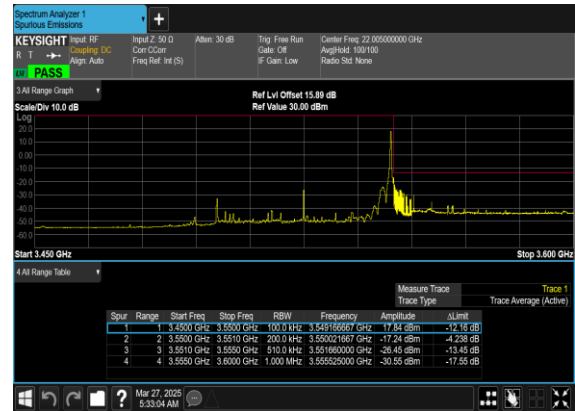
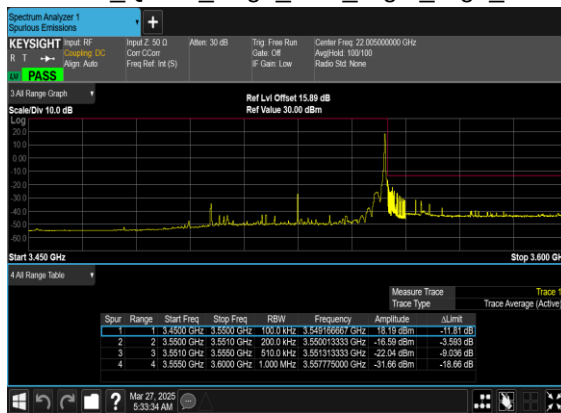
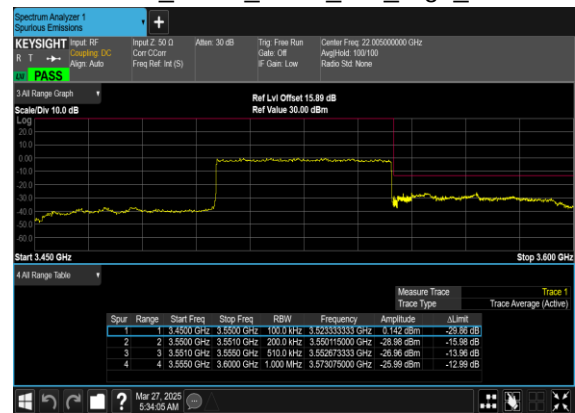


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



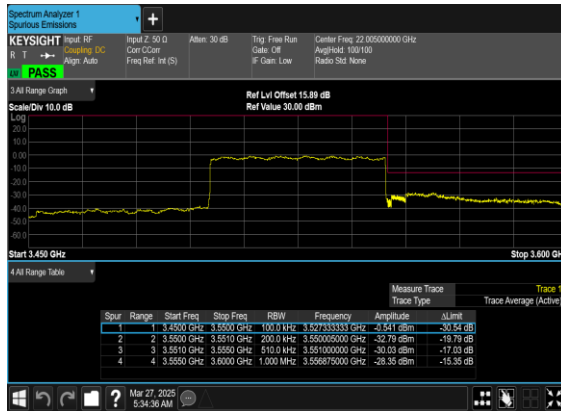
N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHN78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHN78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N78 – SCS 30k

Transmitter Conducted Output Power and EIRP, (GT - LC)=3.0dB

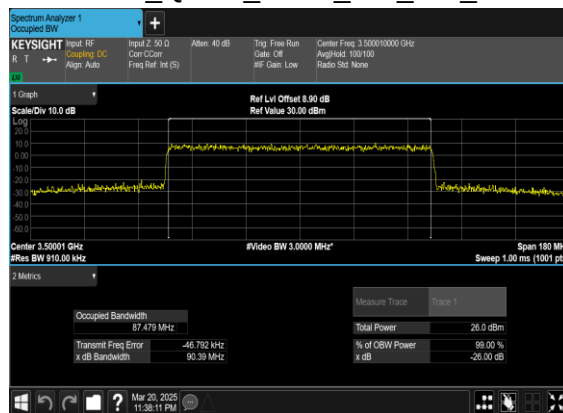
NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	25.52	0.3565	28.52	0.7112
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	24.93	0.3112	27.93	0.6209
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	25.32	0.3404	28.32	0.6792
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	25.41	0.3475	28.41	0.6934
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	24.86	0.3062	27.86	0.6109
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	25.24	0.3342	28.24	0.6668
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	24.39	0.2748	27.39	0.5483
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	23.74	0.2366	26.74	0.4721
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	24.11	0.2576	27.11	0.5140
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	25.41	0.3475	28.41	0.6934
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.1	0.3236	28.1	0.6457
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	25.12	0.3251	28.12	0.6486
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	25.37	0.3443	28.37	0.6871
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.94	0.3119	27.94	0.6223
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	25.01	0.3170	28.01	0.6324
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	24.39	0.2748	27.39	0.5483
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.86	0.2432	26.86	0.4853
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	23.9	0.2455	26.9	0.4898
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	25.56	0.3597	28.56	0.7178
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	25.24	0.3342	28.24	0.6668
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	24.89	0.3083	27.89	0.6152
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	25.44	0.3499	28.44	0.6982
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.11	0.3243	28.11	0.6471
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	24.81	0.3027	27.81	0.6039
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	24.43	0.2773	27.43	0.5534
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.01	0.2518	27.01	0.5023
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	23.7	0.2344	26.7	0.4677



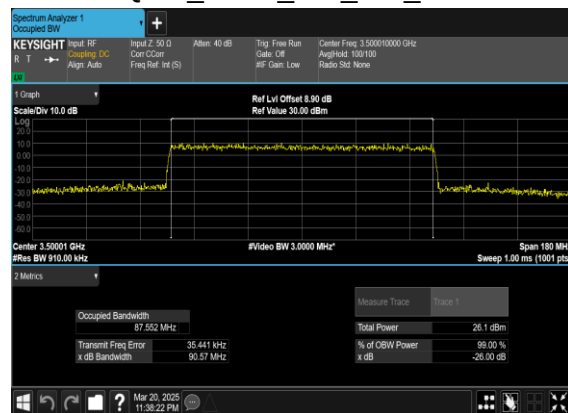
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.479	90.39
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.552	90.57
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.229	90.26
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.588	90.27

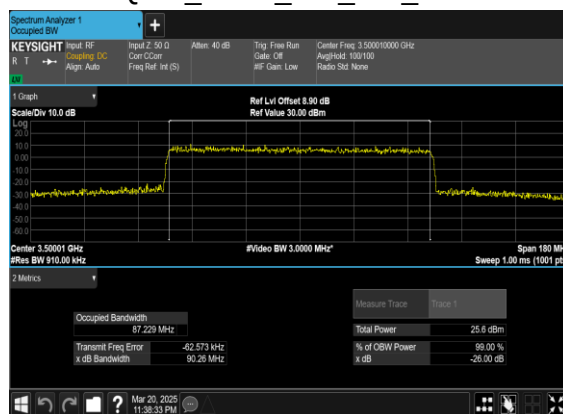
N78(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



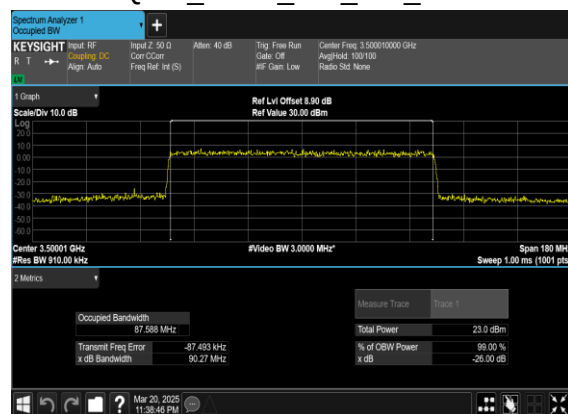
N78(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



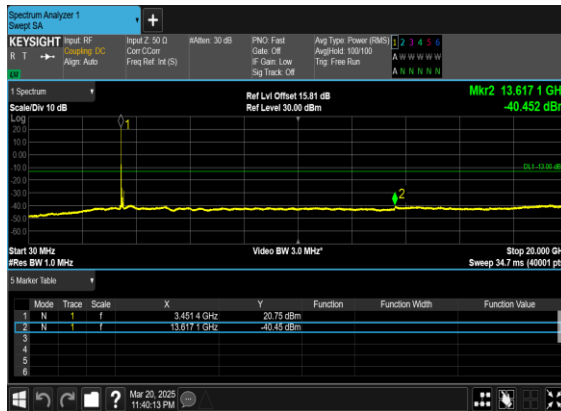


Conducted Spurious Emissions

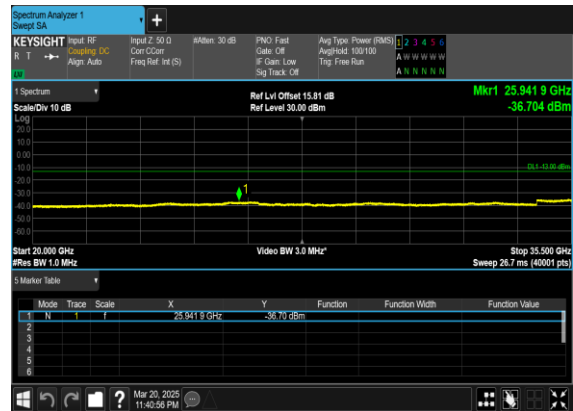
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	90	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@0	see graph	PASS



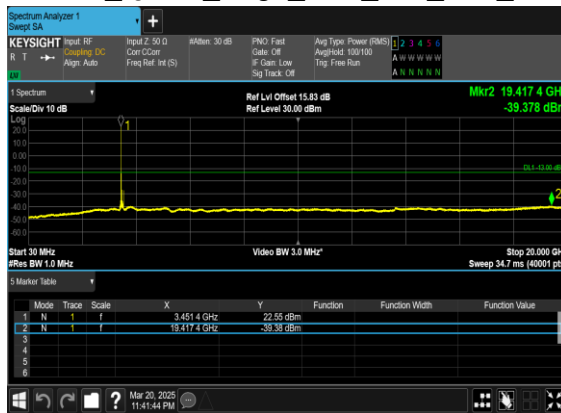
N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



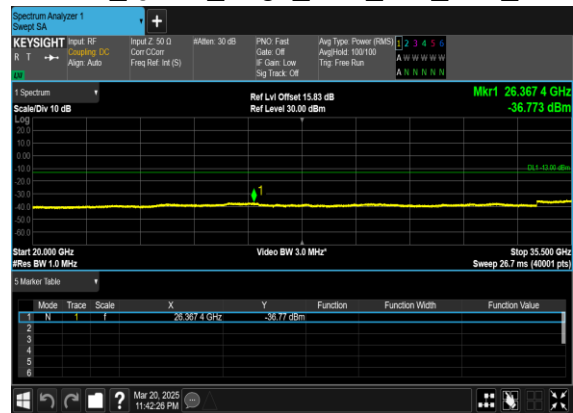
N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

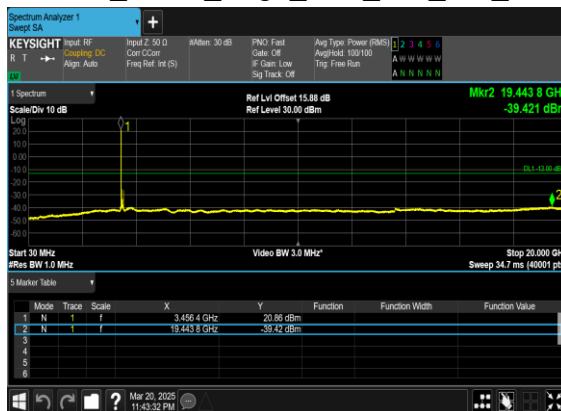


N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

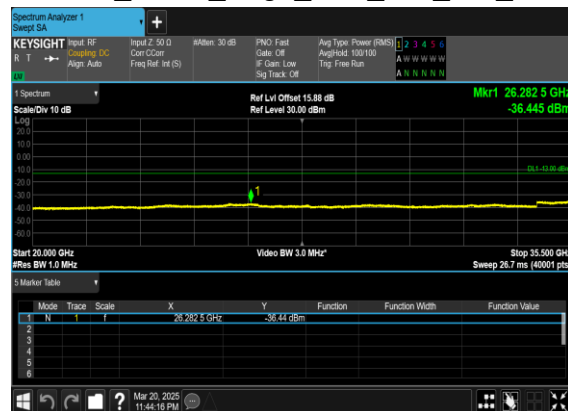




N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

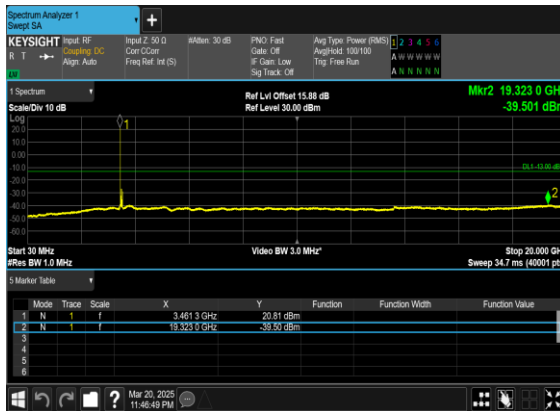


N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

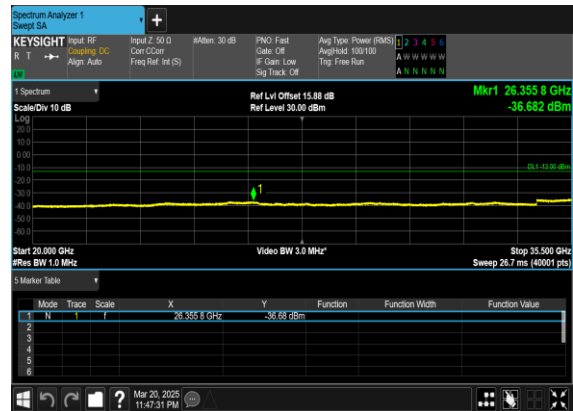




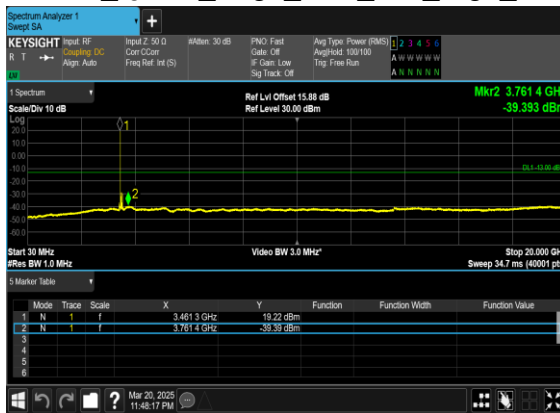
N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



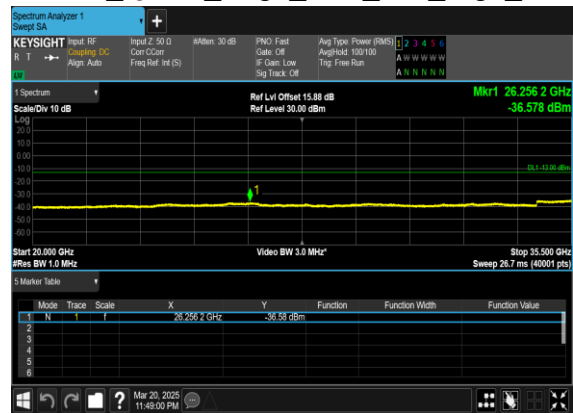
N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

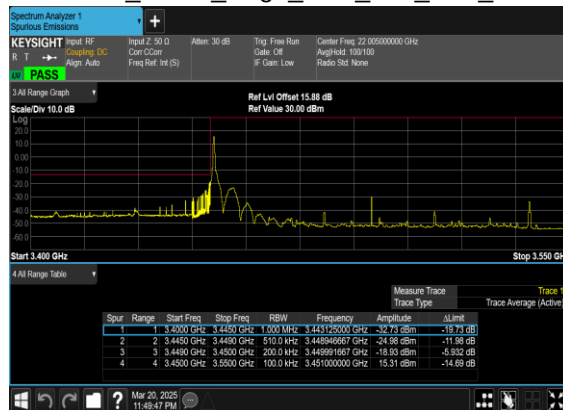




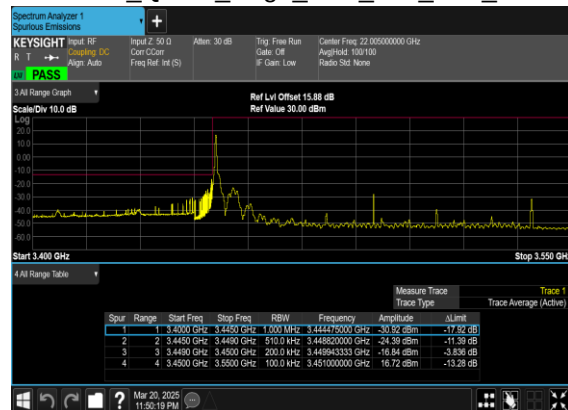
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	DFT-s-OFDM BPSK	240@0	see graph	PASS
78	30	90	633000	3495.0	DFT-s-OFDM QPSK	240@0	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@244	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@244	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM BPSK	240@0	see graph	PASS
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	240@0	see graph	PASS

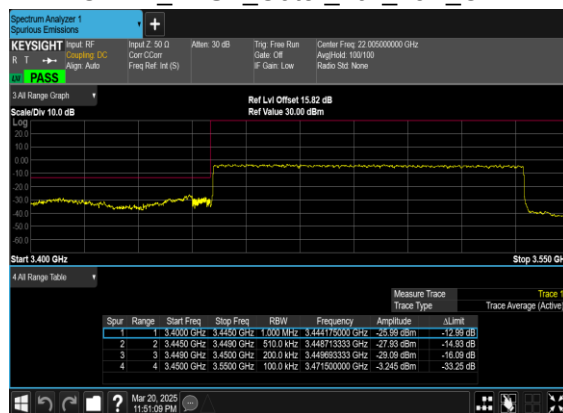
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



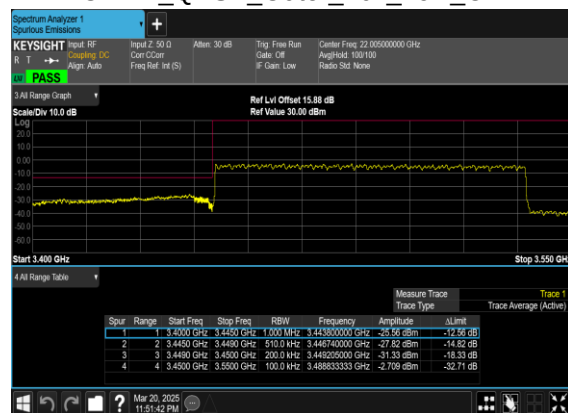
N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(90M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

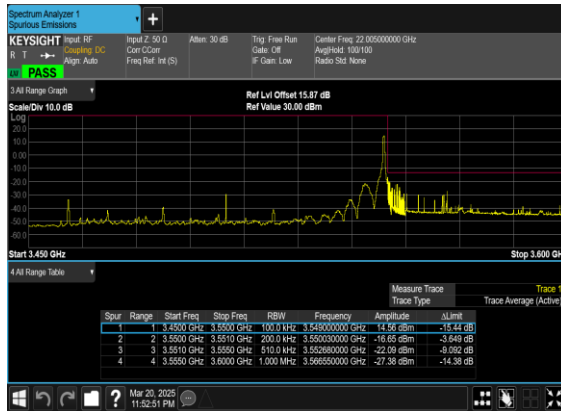


N78(90M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

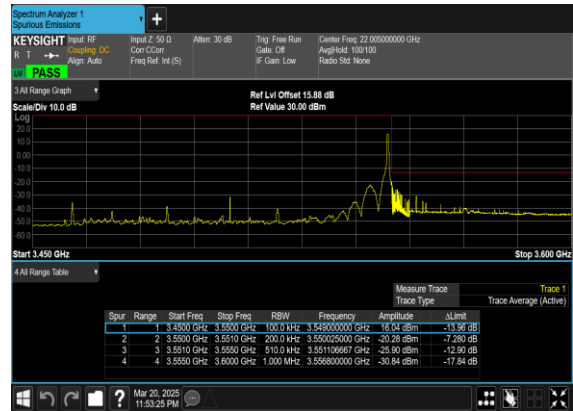




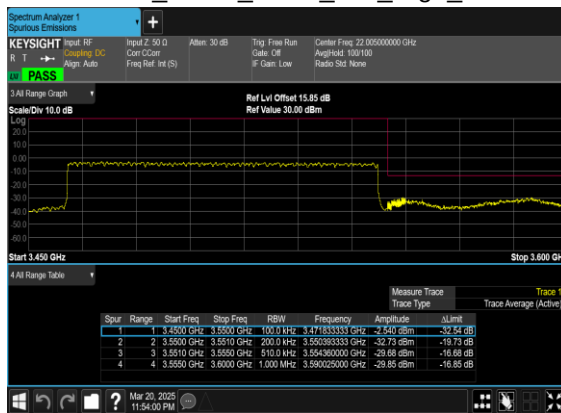
N78(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



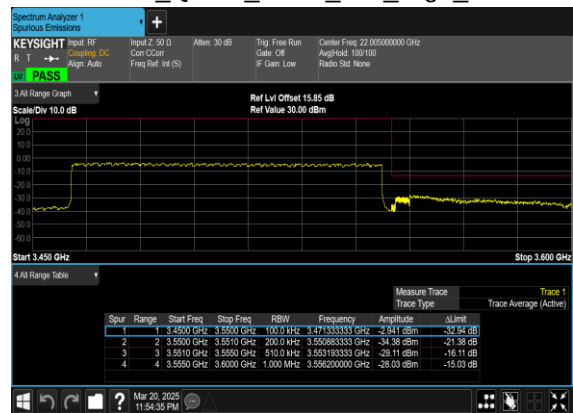
N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(90M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N78(90M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N77 - SCS 15k

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power and EIRP, (GT - LC)=3.0dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
77	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	108@54	24.4	0.2754	27.4	0.5495
77	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	23.66	0.2323	26.66	0.4634
77	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@214	23.93	0.2472	26.93	0.4932
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	108@54	24.23	0.2649	27.23	0.5284
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.56	0.2270	26.56	0.4529
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@214	23.78	0.2388	26.78	0.4764
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	108@54	23.25	0.2113	26.25	0.4217
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	22.65	0.1841	25.65	0.3673
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@214	22.84	0.1923	25.84	0.3837
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	24.46	0.2793	27.46	0.5572
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.78	0.2388	26.78	0.4764
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@214	23.89	0.2449	26.89	0.4887
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	108@54	24.28	0.2679	27.28	0.5346
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.65	0.2317	26.65	0.4624
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@214	23.7	0.2344	26.7	0.4677
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	23.28	0.2128	26.28	0.4246
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.73	0.1875	25.73	0.3741
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@214	22.81	0.1910	25.81	0.3811
77	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	108@54	24.41	0.2761	27.41	0.5508
77	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@1	23.82	0.2410	26.82	0.4808
77	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@214	23.88	0.2443	26.88	0.4875
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	108@54	24.24	0.2655	27.24	0.5297
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	23.68	0.2333	26.68	0.4656
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@214	23.78	0.2388	26.78	0.4764
77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	108@54	23.26	0.2118	26.26	0.4227
77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	22.77	0.1892	25.77	0.3776
77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@214	22.86	0.1932	25.86	0.3855
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	24.41	0.2761	27.41	0.5508
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	23.99	0.2506	26.99	0.5000
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	24.17	0.2612	27.17	0.5212
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	24.25	0.2661	27.25	0.5309
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	23.79	0.2393	26.79	0.4775
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	24.01	0.2518	27.01	0.5023
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	23.29	0.2133	26.29	0.4256
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	22.91	0.1954	25.91	0.3899
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	23.07	0.2028	26.07	0.4046
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	24.47	0.2799	27.47	0.5585



77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.11	0.2576	27.11	0.5140
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	24.11	0.2576	27.11	0.5140
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	24.28	0.2679	27.28	0.5346
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.92	0.2466	26.92	0.4920
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	24	0.2512	27	0.5012
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	23.33	0.2153	26.33	0.4295
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.03	0.2009	26.03	0.4009
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	23.05	0.2018	26.05	0.4027
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	135@67	24.3	0.2692	27.3	0.5370
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	24.12	0.2582	27.12	0.5152
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	24.2	0.2630	27.2	0.5248
77	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	24.2	0.2630	27.2	0.5248
77	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	23.94	0.2477	26.94	0.4943
77	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	24.02	0.2523	27.02	0.5035
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	23.23	0.2104	26.23	0.4198
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	23.01	0.2000	26.01	0.3990
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	23.1	0.2042	26.1	0.4074



FR1 N77 - SCS 30k

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power and EIRP, (GT - LC)=3.0dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	25.06	0.3206	28.06	0.6397
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	24.41	0.2761	27.41	0.5508
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	24.59	0.2877	27.59	0.5741
77	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	24.94	0.3119	27.94	0.6223
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	24.29	0.2685	27.29	0.5358
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	24.42	0.2767	27.42	0.5521
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	23.94	0.2477	26.94	0.4943
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	23.32	0.2148	26.32	0.4285
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	23.47	0.2223	26.47	0.4436
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	25.09	0.3228	28.09	0.6442
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.33	0.2710	27.33	0.5408
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	24.48	0.2805	27.48	0.5598
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	24.96	0.3133	27.96	0.6252
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.26	0.2667	27.26	0.5321
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	24.43	0.2773	27.43	0.5534
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	23.94	0.2477	26.94	0.4943
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.26	0.2118	26.26	0.4227
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	23.47	0.2223	26.47	0.4436
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	25.14	0.3266	28.14	0.6516
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	24.49	0.2812	27.49	0.5610
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	24.53	0.2838	27.53	0.5662
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	25	0.3162	28	0.6310
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	24.34	0.2716	27.34	0.5420
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	24.48	0.2805	27.48	0.5598
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	23.98	0.2500	26.98	0.4989
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	23.33	0.2153	26.33	0.4295
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	23.49	0.2234	26.49	0.4457



FR1 N78 - SCS 15k

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power and EIRP, (GT - LC)=3.0dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP(dBm)	EIRP(W)
78	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	108@54	22.73	0.1875	25.73	0.3741
78	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	21.97	0.1574	24.97	0.3141
78	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@214	22.28	0.1690	25.28	0.3373
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	108@54	22.56	0.1803	25.56	0.3597
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	21.85	0.1531	24.85	0.3055
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@214	22.15	0.1641	25.15	0.3273
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	108@54	21.58	0.1439	24.58	0.2871
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	20.91	0.1233	23.91	0.2460
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@214	21.22	0.1324	24.22	0.2642
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	22.69	0.1858	25.69	0.3707
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.18	0.1652	25.18	0.3296
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@214	22.14	0.1637	25.14	0.3266
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	108@54	22.57	0.1807	25.57	0.3606
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.02	0.1592	25.02	0.3177
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@214	22.03	0.1596	25.03	0.3184
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	21.57	0.1435	24.57	0.2864
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.04	0.1271	24.04	0.2535
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@214	21.11	0.1291	24.11	0.2576
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	108@54	22.7	0.1862	25.7	0.3715
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@1	22.12	0.1629	25.12	0.3251
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@214	22.29	0.1694	25.29	0.3381
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	108@54	22.53	0.1791	25.53	0.3573
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	22.02	0.1592	25.02	0.3177
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@214	22.12	0.1629	25.12	0.3251
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	108@54	21.53	0.1422	24.53	0.2838
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	21.03	0.1268	24.03	0.2529
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@214	21.19	0.1315	24.19	0.2624
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	22.65	0.1841	25.65	0.3673
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	22.29	0.1694	25.29	0.3381
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	22.58	0.1811	25.58	0.3614
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	22.55	0.1799	25.55	0.3589
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	22.13	0.1633	25.13	0.3258
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	22.39	0.1734	25.39	0.3459
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	21.56	0.1432	24.56	0.2858
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	21.15	0.1303	24.15	0.2600
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	21.45	0.1396	24.45	0.2786
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	22.75	0.1884	25.75	0.3758
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.47	0.1766	25.47	0.3524
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	22.53	0.1791	25.53	0.3573



78	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	22.6	0.1820	25.6	0.3631
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.28	0.1690	25.28	0.3373
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	22.36	0.1722	25.36	0.3436
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	21.61	0.1449	24.61	0.2891
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.39	0.1377	24.39	0.2748
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	21.45	0.1396	24.45	0.2786
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	135@67	22.58	0.1811	25.58	0.3614
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	22.44	0.1754	25.44	0.3499
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	22.52	0.1786	25.52	0.3565
78	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	22.47	0.1766	25.47	0.3524
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	22.29	0.1694	25.29	0.3381
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	22.38	0.1730	25.38	0.3451
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	21.53	0.1422	24.53	0.2838
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	21.38	0.1374	24.38	0.2742
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	21.45	0.1396	24.45	0.2786



FR1 N78 - SCS 30k

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power and EIRP, (GT - LC)=3.0dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	22.78	0.1897	25.78	0.3784
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	22.2	0.1660	25.2	0.3311
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	22.24	0.1675	25.24	0.3342
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	22.66	0.1845	25.66	0.3681
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	22.02	0.1592	25.02	0.3177
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	22.16	0.1644	25.16	0.3281
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	21.65	0.1462	24.65	0.2917
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	21	0.1259	24	0.2512
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	21.18	0.1312	24.18	0.2618
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	22.83	0.1919	25.83	0.3828
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.16	0.1644	25.16	0.3281
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	22.24	0.1675	25.24	0.3342
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	22.68	0.1854	25.68	0.3698
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.02	0.1592	25.02	0.3177
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	22.16	0.1644	25.16	0.3281
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	21.67	0.1469	24.67	0.2931
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.01	0.1262	24.01	0.2518
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	21.18	0.1312	24.18	0.2618
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	22.9	0.1950	25.9	0.3890
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	22.16	0.1644	25.16	0.3281
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	22.33	0.1710	25.33	0.3412
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	22.74	0.1879	25.74	0.3750
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	22.09	0.1618	25.09	0.3228
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	22.24	0.1675	25.24	0.3342
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	21.73	0.1489	24.73	0.2972
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	21.07	0.1279	24.07	0.2553
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	21.21	0.1321	24.21	0.2636