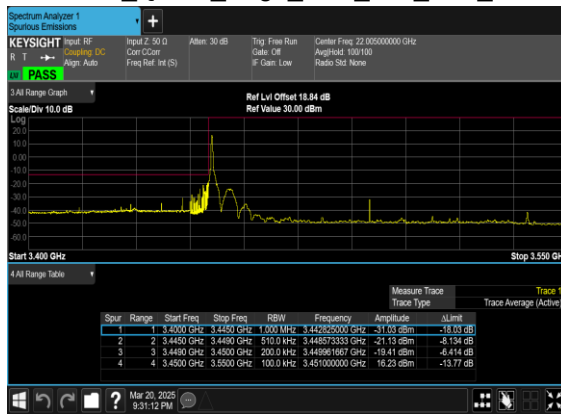
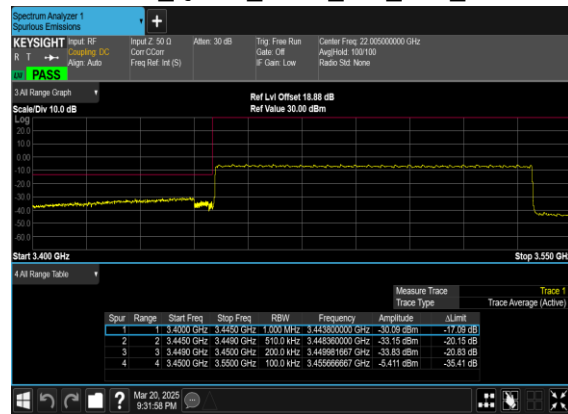
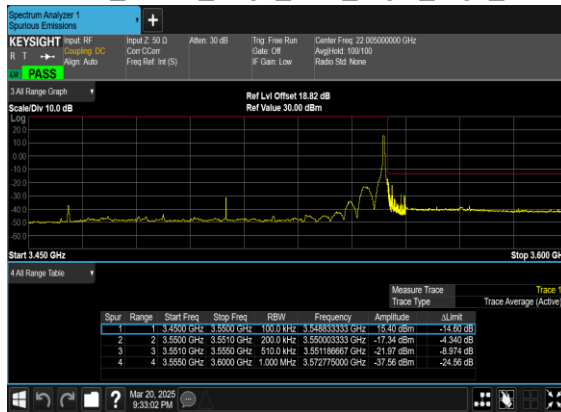
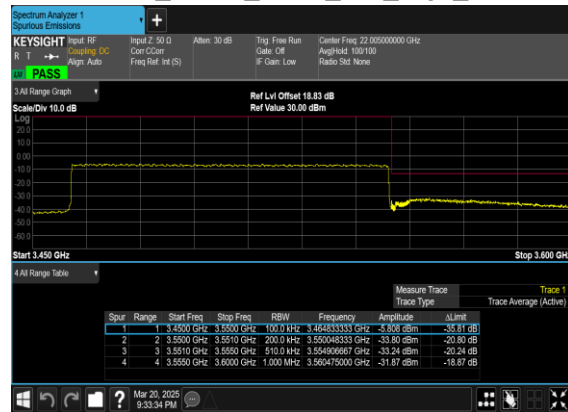




Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	633000	3495.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	1@244	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	245@0	see graph	PASS

N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN78(90M)_CP-
OFDM_QPSK_Outer_Full_Low_CHN78(90M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CHN78(90M)_CP-
OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N77 – SCS 15k**Transmitter Conducted Output Power and EIRP, (GT - LC)=3.0dB**

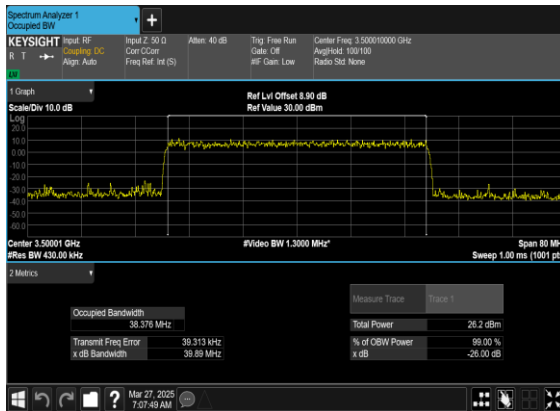
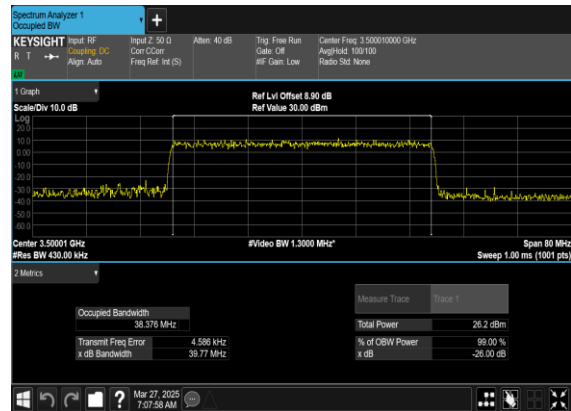
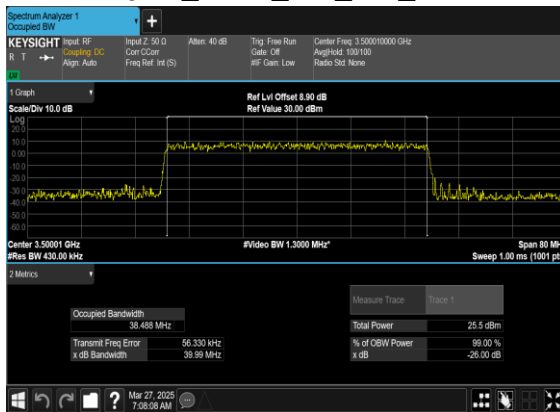
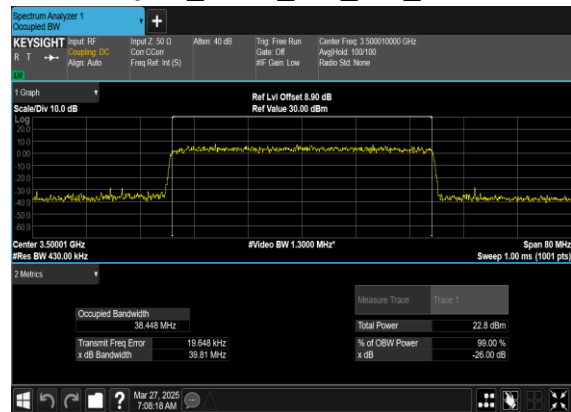
NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
77	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	108@54	24.97	0.3141	27.97	0.6266
77	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	24.27	0.2673	27.27	0.5333
77	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@214	24.55	0.2851	27.55	0.5689
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	108@54	24.83	0.3041	27.83	0.6067
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	24.15	0.2600	27.15	0.5188
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@214	24.35	0.2723	27.35	0.5433
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	108@54	23.78	0.2388	26.78	0.4764
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	23.3	0.2138	26.3	0.4266
77	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@214	23.41	0.2193	26.41	0.4375
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	25.03	0.3184	28.03	0.6353
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.42	0.2767	27.42	0.5521
77	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@214	24.46	0.2793	27.46	0.5572
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	108@54	24.83	0.3041	27.83	0.6067
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.23	0.2649	27.23	0.5284
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@214	24.28	0.2679	27.28	0.5346
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	23.82	0.2410	26.82	0.4808
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.38	0.2178	26.38	0.4345
77	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@214	23.43	0.2203	26.43	0.4395
77	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	108@54	24.86	0.3062	27.86	0.6109
77	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@1	24.42	0.2767	27.42	0.5521
77	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@214	24.42	0.2767	27.42	0.5521
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	108@54	24.75	0.2985	27.75	0.5957
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	24.26	0.2667	27.26	0.5321
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@214	24.31	0.2698	27.31	0.5383
77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	108@54	23.83	0.2415	26.83	0.4819
77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	23.38	0.2178	26.38	0.4345
77	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@214	23.45	0.2213	26.45	0.4416
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	24.85	0.3055	27.85	0.6095
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	24.52	0.2831	27.52	0.5649
77	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	24.76	0.2992	27.76	0.5970
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	24.75	0.2985	27.75	0.5957
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	24.41	0.2761	27.41	0.5508
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	24.61	0.2891	27.61	0.5768
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	23.79	0.2393	26.79	0.4775



77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	23.55	0.2265	26.55	0.4519
77	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	23.73	0.2360	26.73	0.4710
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.01	0.3170	28.01	0.6324
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.62	0.2897	27.62	0.5781
77	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	24.71	0.2958	27.71	0.5902
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	24.82	0.3034	27.82	0.6053
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.51	0.2825	27.51	0.5636
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	24.57	0.2864	27.57	0.5715
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	23.84	0.2421	26.84	0.4831
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.65	0.2317	26.65	0.4624
77	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	23.68	0.2333	26.68	0.4656
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	135@67	24.84	0.3048	27.84	0.6081
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	24.63	0.2904	27.63	0.5794
77	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	24.7	0.2951	27.7	0.5888
77	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	24.69	0.2944	27.69	0.5875
77	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	24.5	0.2818	27.5	0.5623
77	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	24.56	0.2858	27.56	0.5702
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	23.77	0.2382	26.77	0.4753
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	23.65	0.2317	26.65	0.4624
77	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	23.7	0.2344	26.7	0.4677

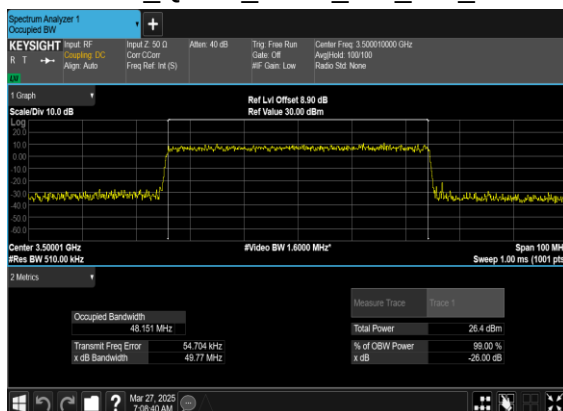
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	15	40	633334	3500.01	CP-OFDM QPSK	216@0	38.376	39.89
77	15	40	633334	3500.01	CP-OFDM 16 QAM	216@0	38.376	39.77
77	15	40	633334	3500.01	CP-OFDM 64 QAM	216@0	38.488	39.99
77	15	40	633334	3500.01	CP-OFDM 256 QAM	216@0	38.448	39.81
77	15	50	633334	3500.01	CP-OFDM QPSK	270@0	48.151	49.77
77	15	50	633334	3500.01	CP-OFDM 16 QAM	270@0	48.189	50.0
77	15	50	633334	3500.01	CP-OFDM 64 QAM	270@0	48.148	49.8
77	15	50	633334	3500.01	CP-OFDM 256 QAM	270@0	48.031	49.68

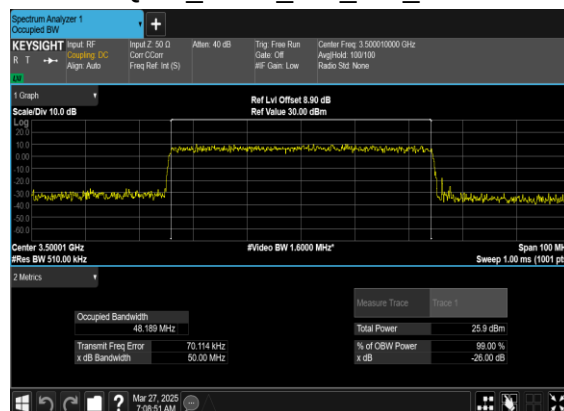
B2_N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHB2_N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHB2_N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHB2_N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



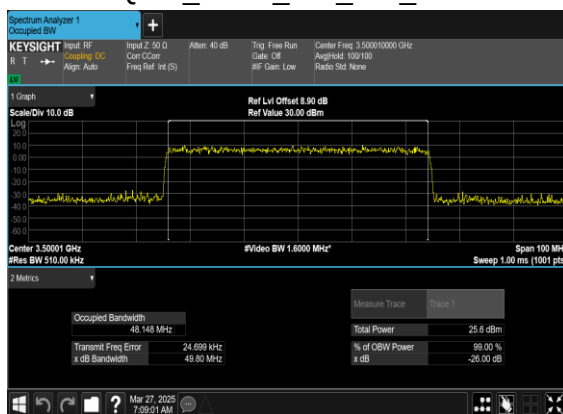
B2_N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



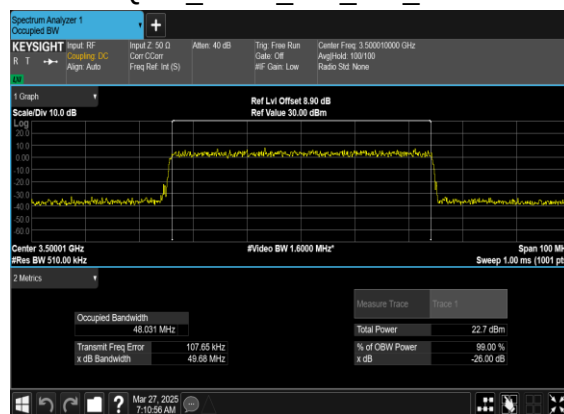
B2_N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B2_N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B2_N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





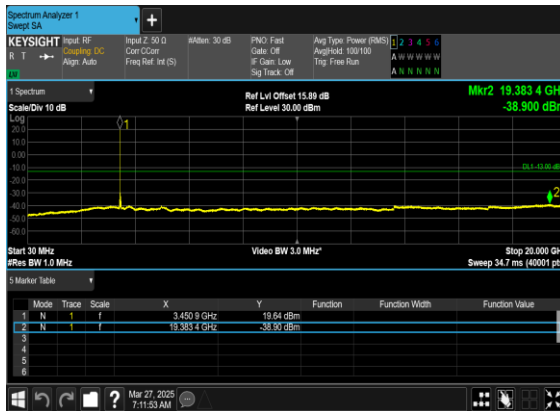
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---

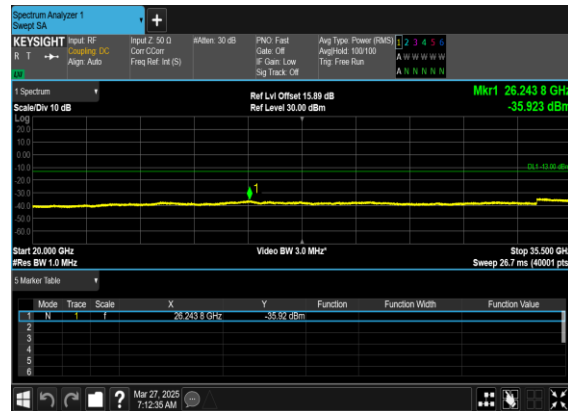


77	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

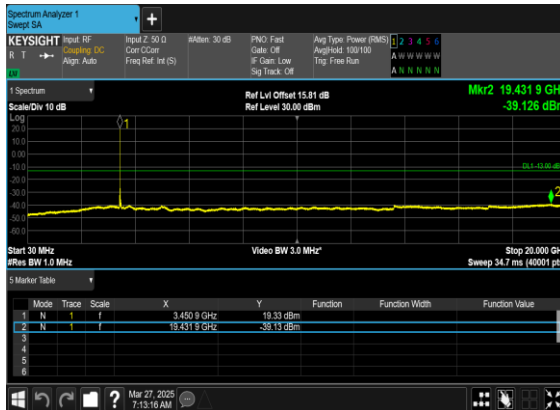
B2_N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



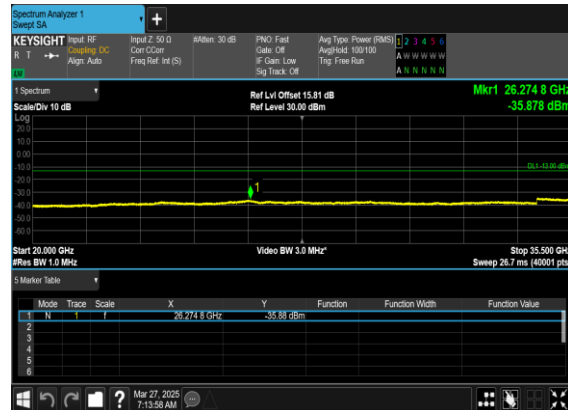
B2_N77(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

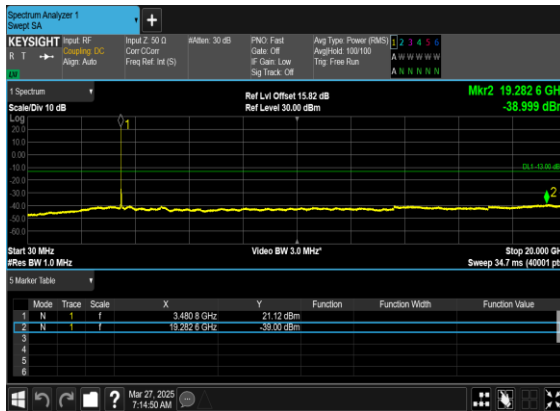


B2_N77(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

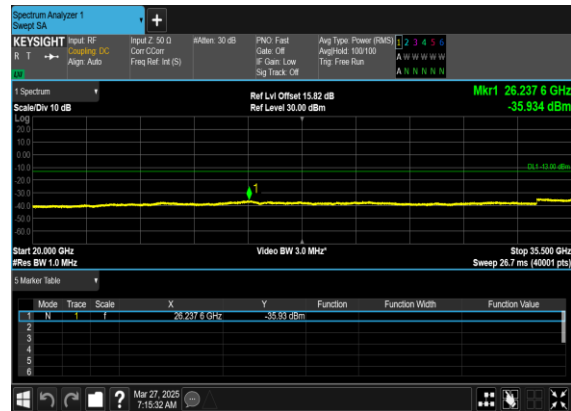




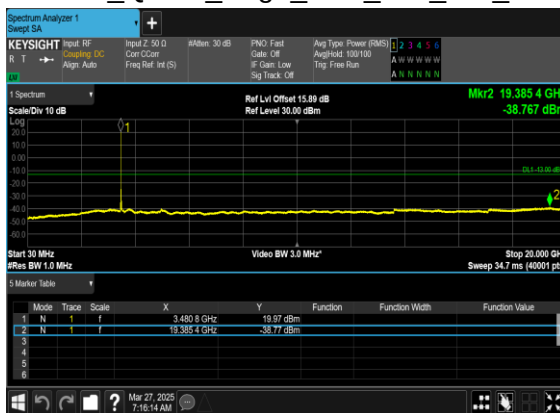
B2_N77(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



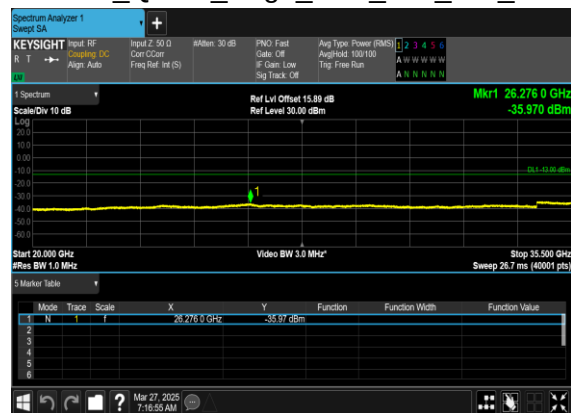
B2_N77(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

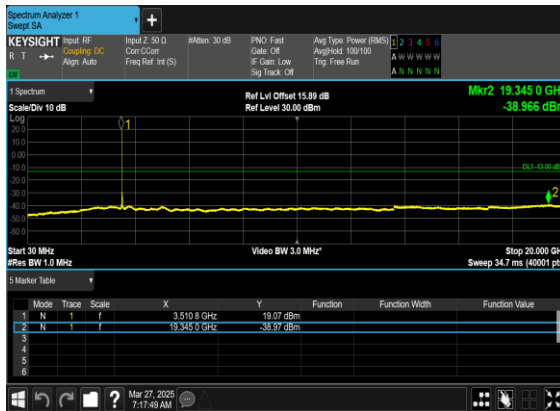
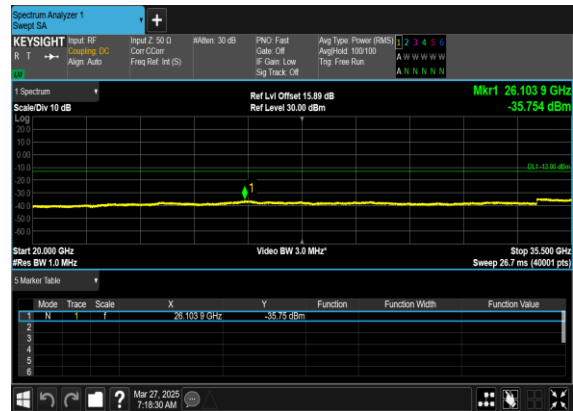
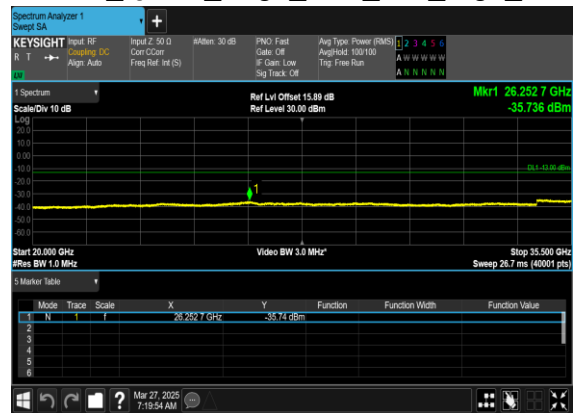


B2_N77(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



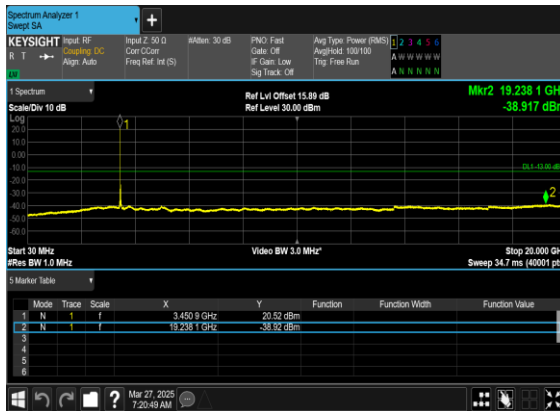
B2_N77(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



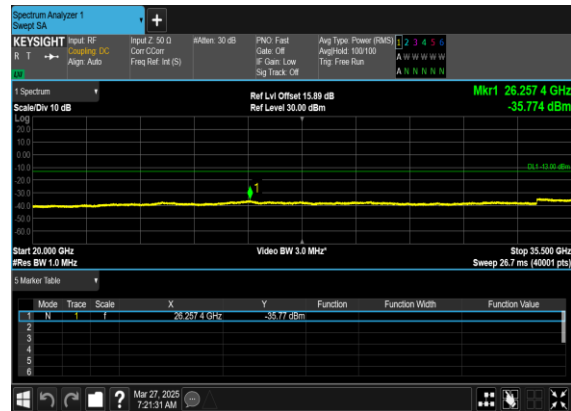
B2_N77(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHB2_N77(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHB2_N77(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CHB2_N77(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



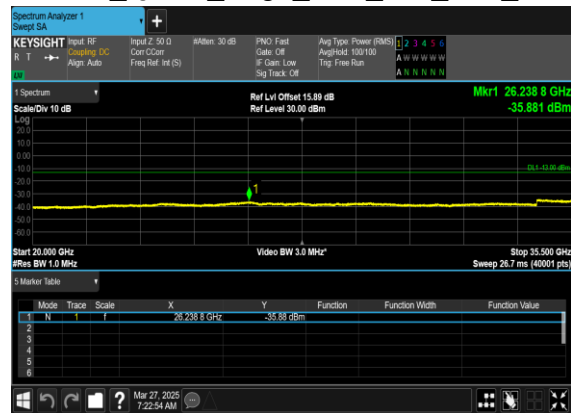
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

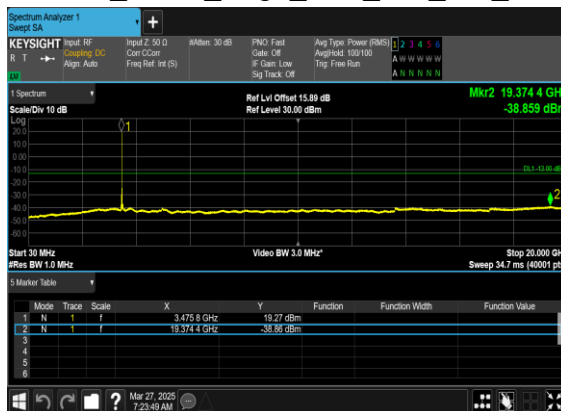


B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

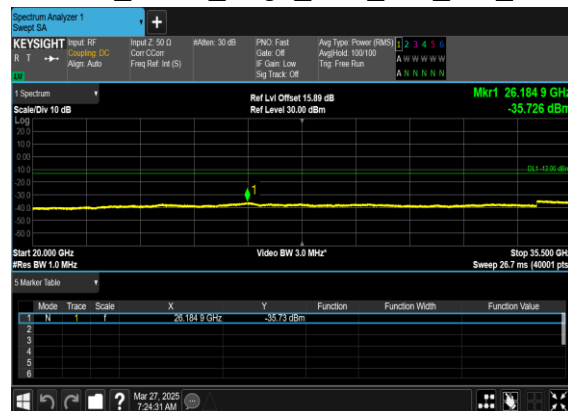




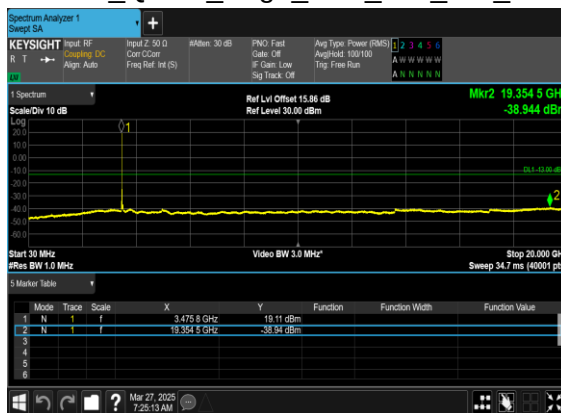
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



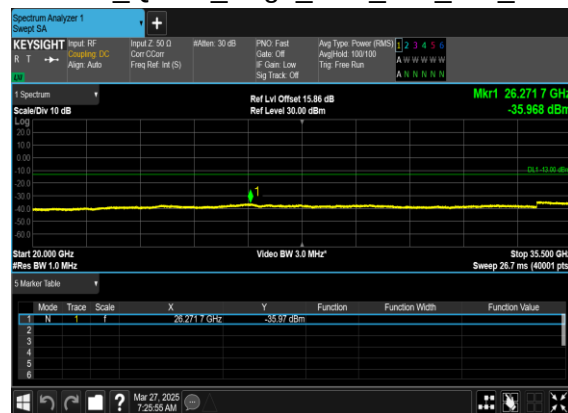
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

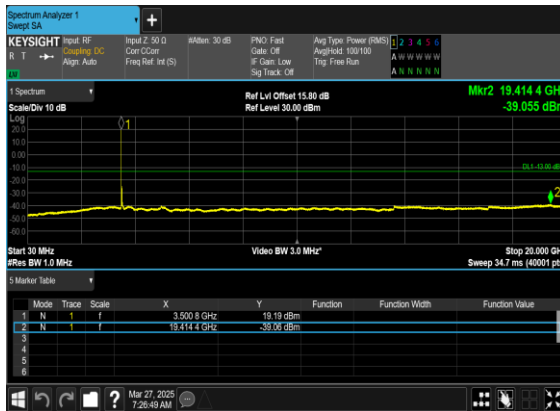


B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

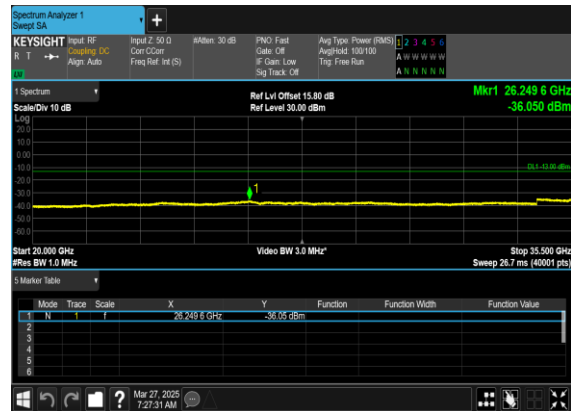




B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



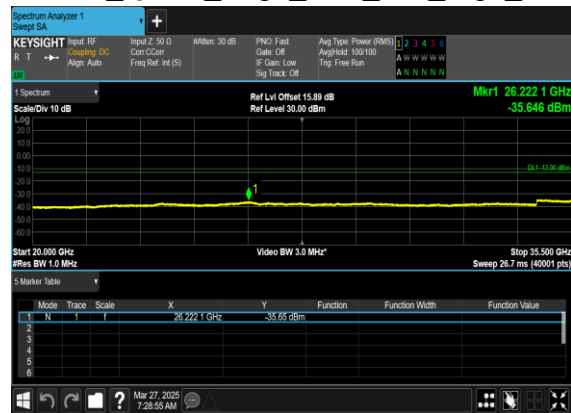
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

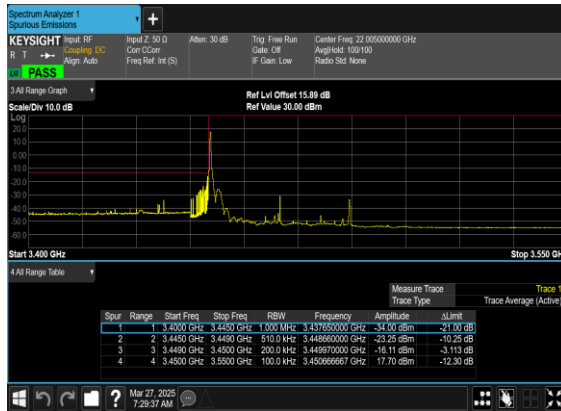


Conducted Band Edge

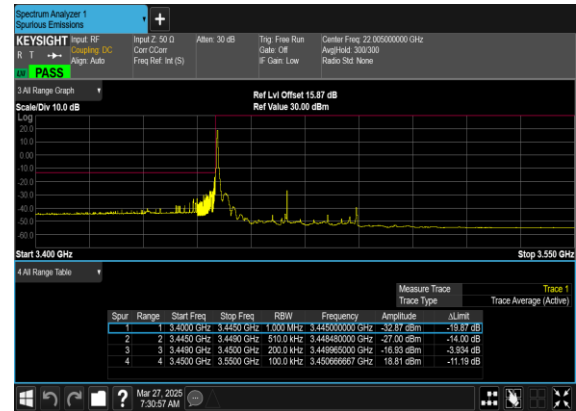
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	40	631334	3470.01	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	15	40	631334	3470.01	DFT-s-OFDM QPSK	216@0	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@215	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@215	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	15	40	635333	3529.995	DFT-s-OFDM QPSK	216@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	15	50	631667	3475.005	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@269	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM QPSK	1@269	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	15	50	635000	3525.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



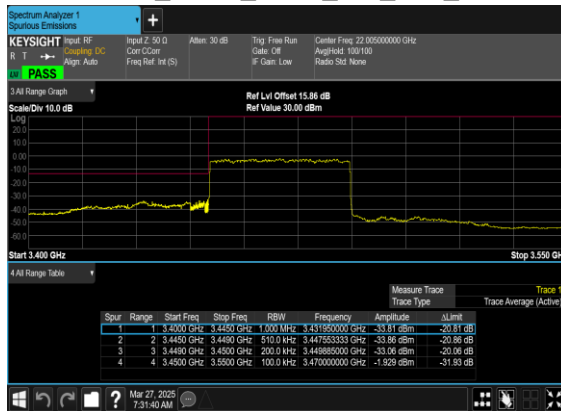
B2_N77(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



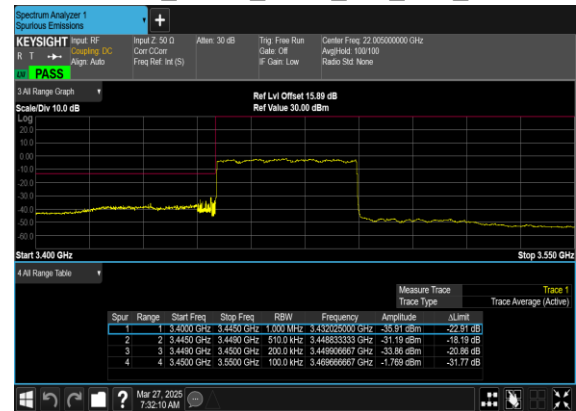
B2_N77(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

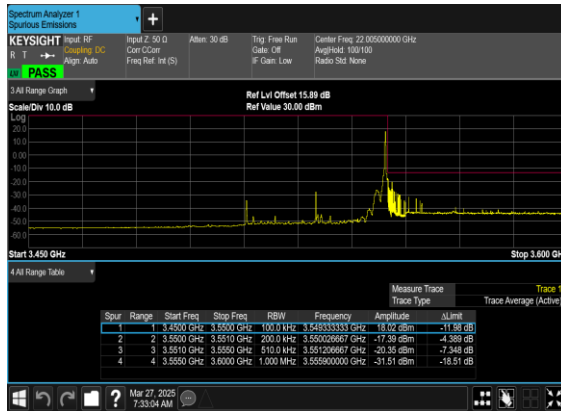
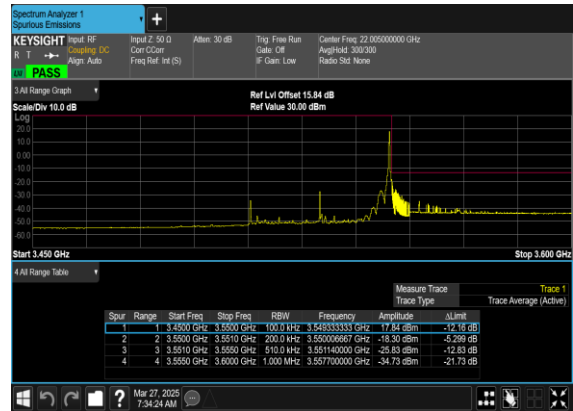
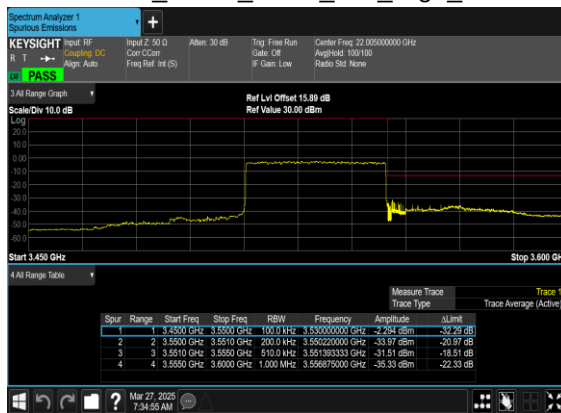
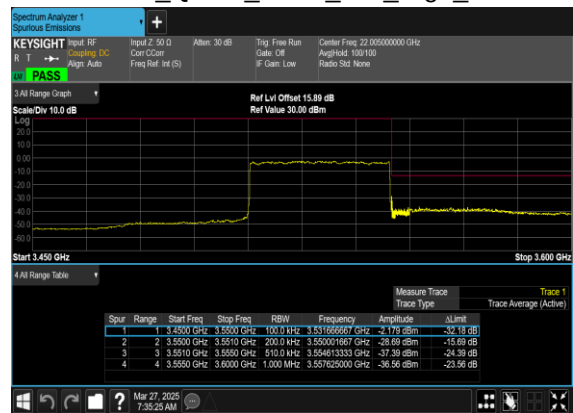


B2_N77(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



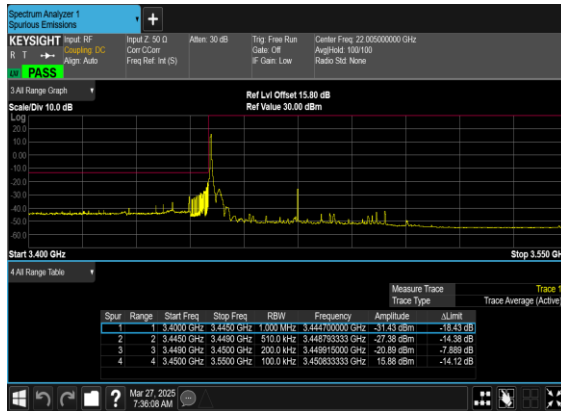
B2_N77(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



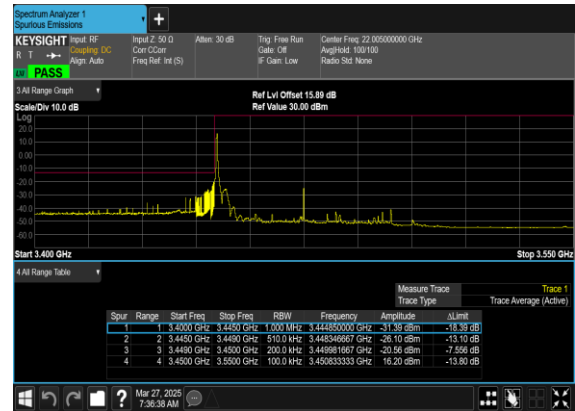
B2_N77(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB2_N77(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB2_N77(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB2_N77(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



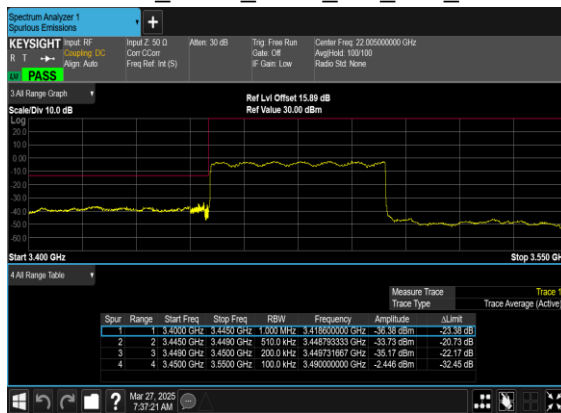
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



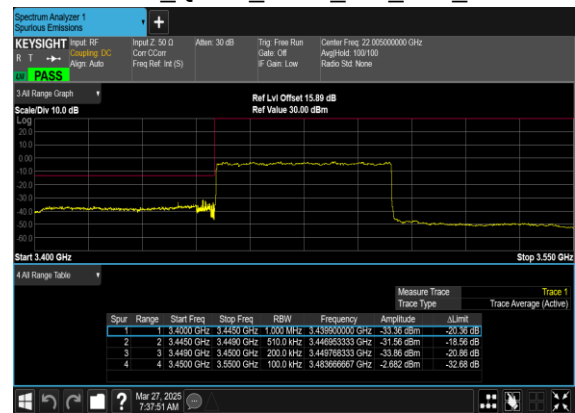
B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

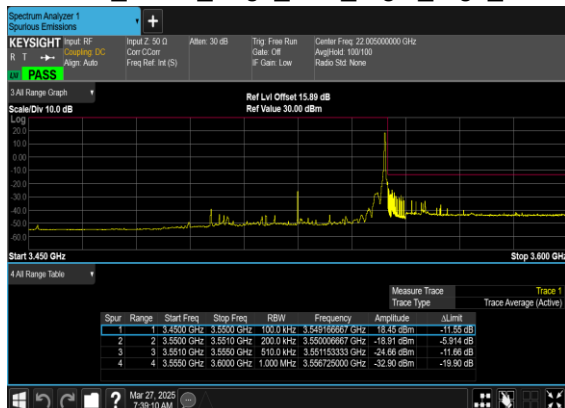
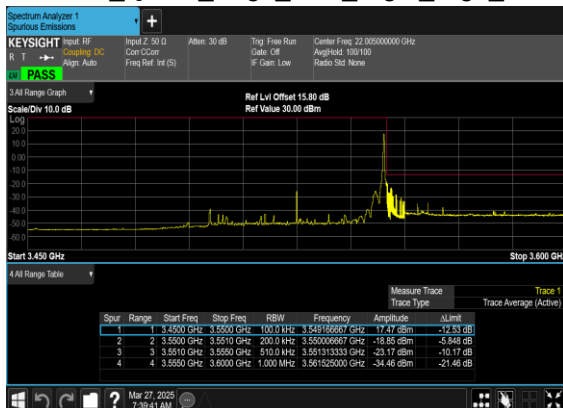
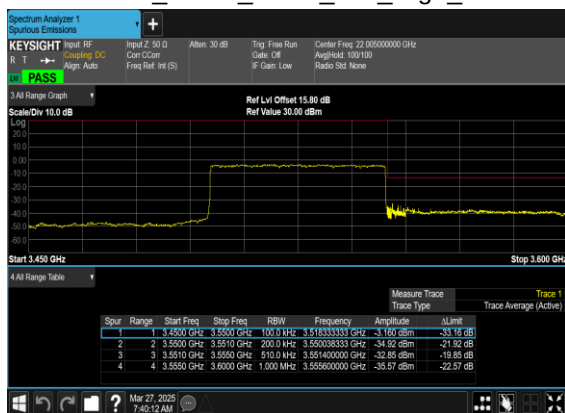
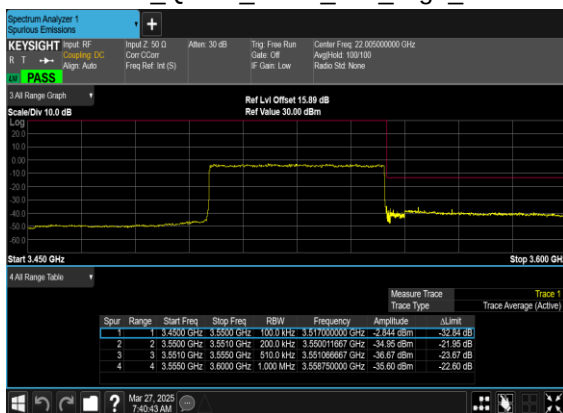


B2_N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B2_N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB2_N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB2_N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N77 – SCS 30k

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

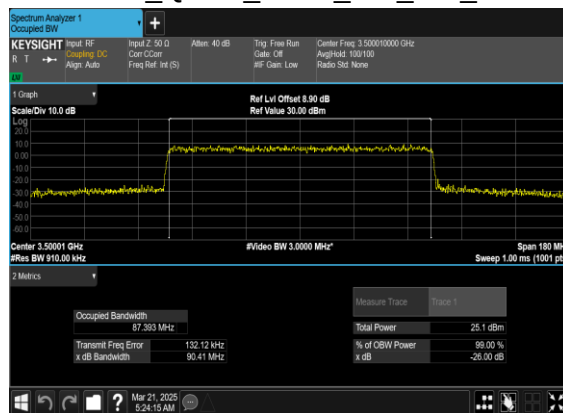
NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	25.11	0.3243	28.11	0.6471
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	24.52	0.2831	27.52	0.5649
77	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	25.03	0.3184	28.03	0.6353
77	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	24.99	0.3155	27.99	0.6295
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	24.43	0.2773	27.43	0.5534
77	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	24.92	0.3105	27.92	0.6194
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	23.97	0.2495	26.97	0.4977
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	23.27	0.2123	26.27	0.4236
77	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	23.71	0.2350	26.71	0.4688
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	25.06	0.3206	28.06	0.6397
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.57	0.2864	27.57	0.5715
77	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	24.83	0.3041	27.83	0.6067
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	24.98	0.3148	27.98	0.6281
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.48	0.2805	27.48	0.5598
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	24.7	0.2951	27.7	0.5888
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	23.96	0.2489	26.96	0.4966
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.42	0.2198	26.42	0.4385
77	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	23.55	0.2265	26.55	0.4519
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	25.22	0.3327	28.22	0.6637
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	24.73	0.2972	27.73	0.5929
77	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	24.59	0.2877	27.59	0.5741
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	25.09	0.3228	28.09	0.6442
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	24.62	0.2897	27.62	0.5781
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	24.51	0.2825	27.51	0.5636
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	24.04	0.2535	27.04	0.5058
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	23.53	0.2254	26.53	0.4498
77	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	23.37	0.2173	26.37	0.4335



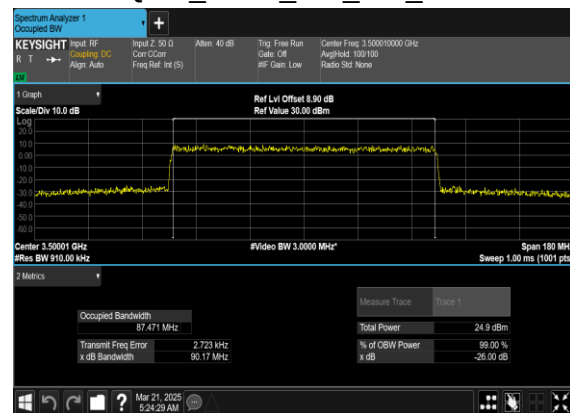
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.393	90.41
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.471	90.17
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.565	90.06
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.24	90.09

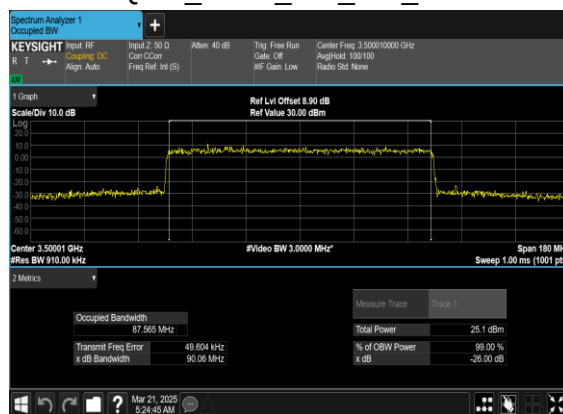
B2_N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



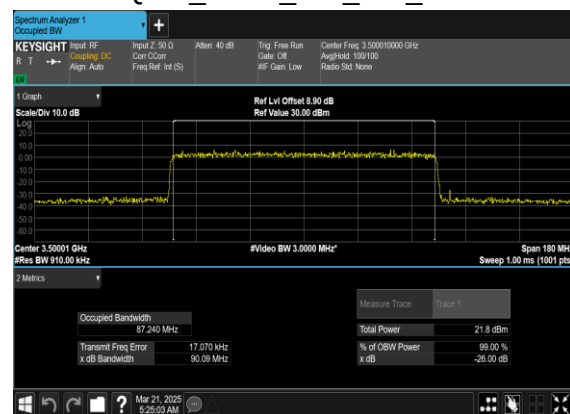
B2_N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B2_N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B2_N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



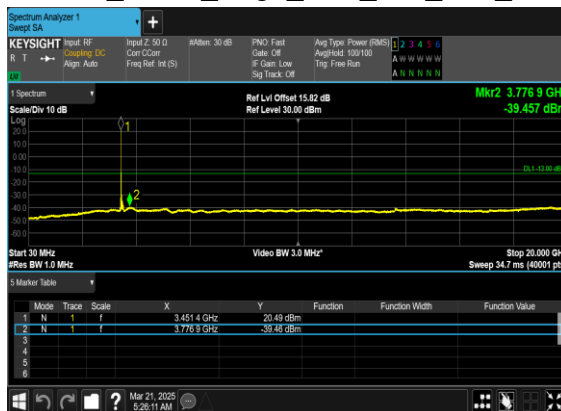


Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	90	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	90	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@0	see graph	PASS



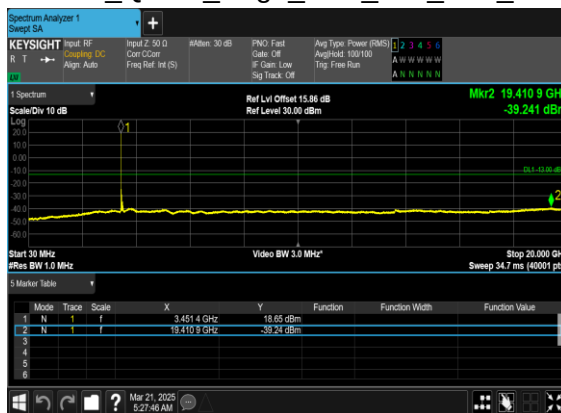
B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



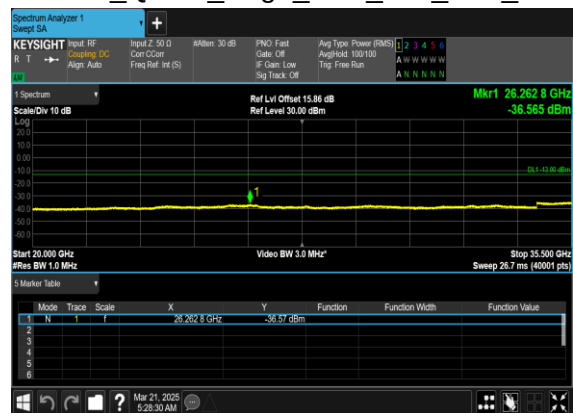
B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

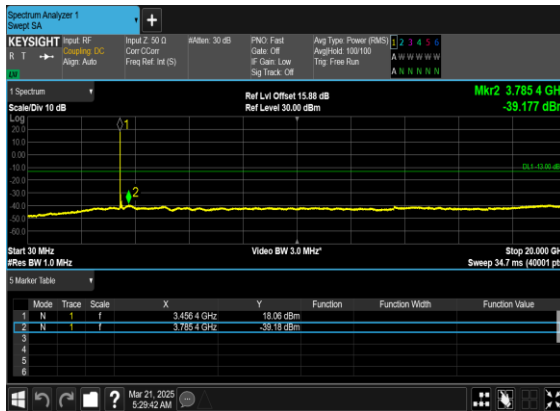


B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

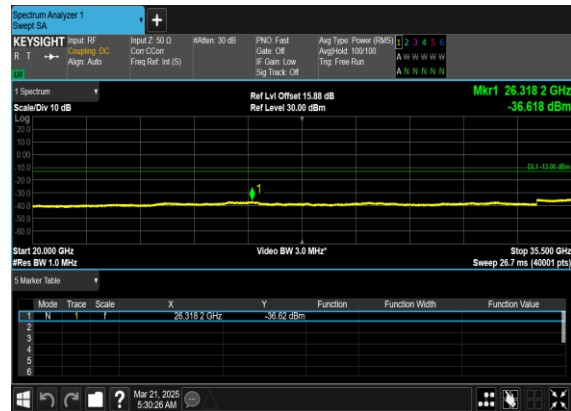




B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



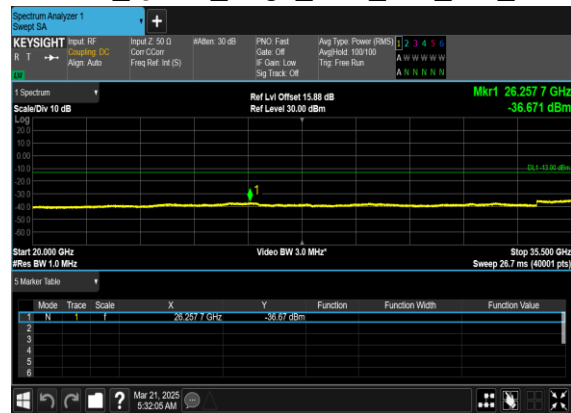
B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

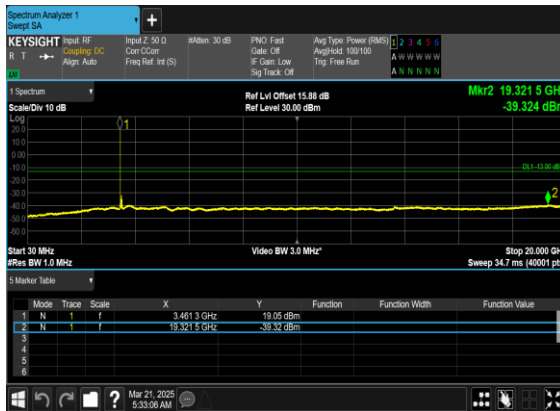


B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

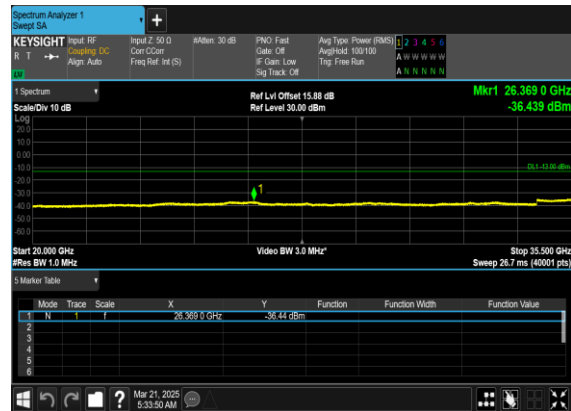




B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



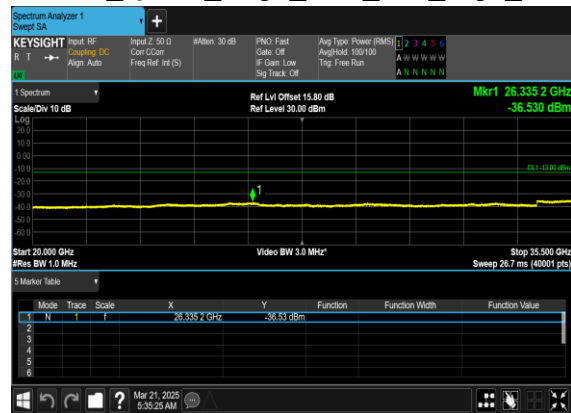
B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

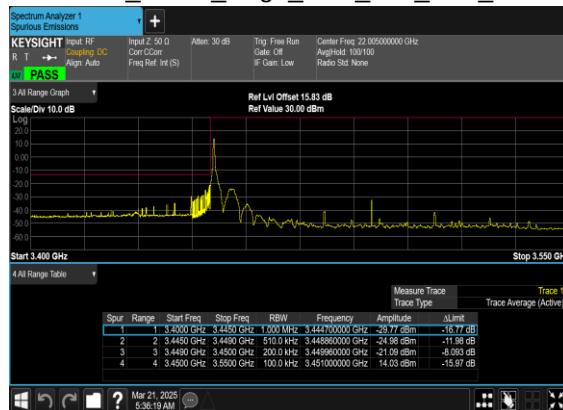




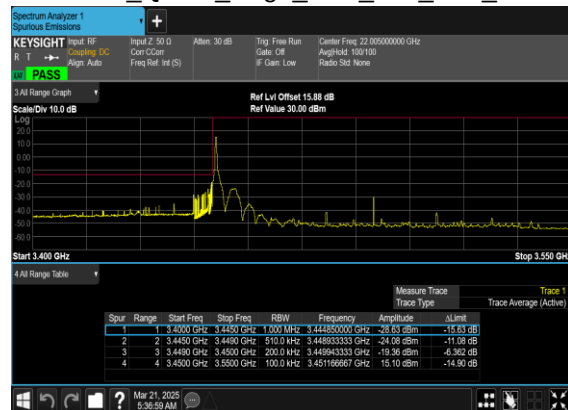
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	90	633000	3495.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	90	633000	3495.0	DFT-s-OFDM BPSK	240@0	see graph	PASS
77	30	90	633000	3495.0	DFT-s-OFDM QPSK	240@0	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM BPSK	1@244	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@244	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM BPSK	240@0	see graph	PASS
77	30	90	633666	3504.99	DFT-s-OFDM QPSK	240@0	see graph	PASS

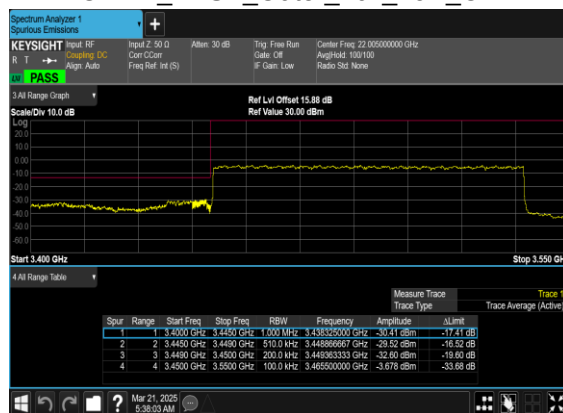
B2_N77(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



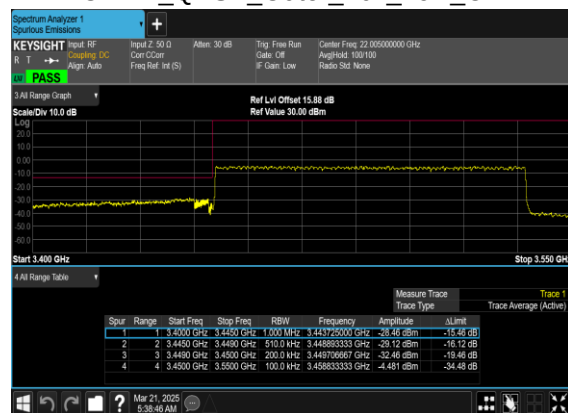
B2_N77(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N77(90M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

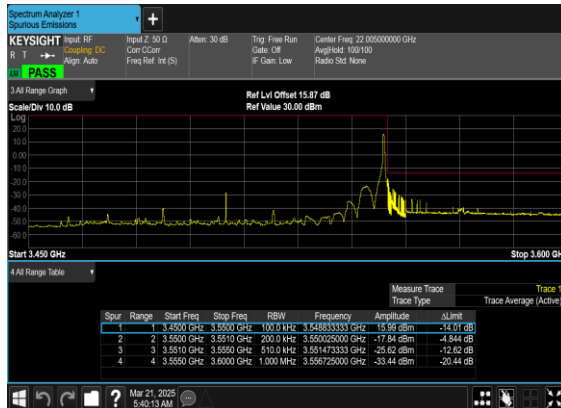


B2_N77(90M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

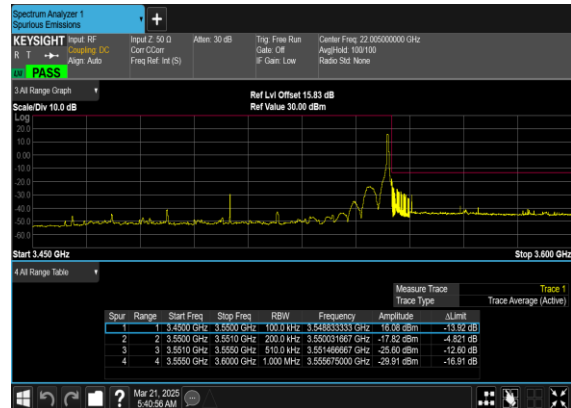




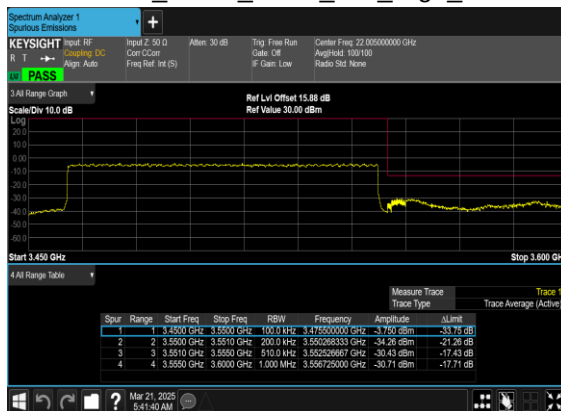
B2_N77(90M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



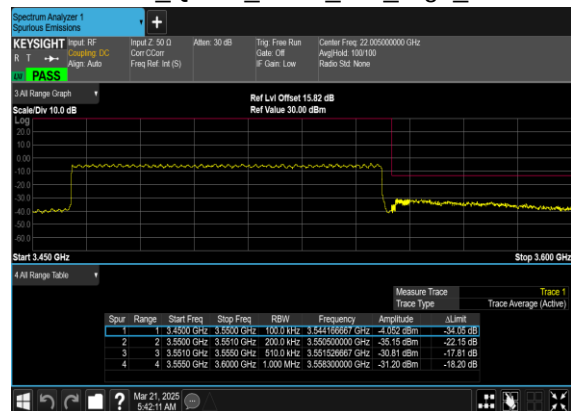
B2_N77(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N77(90M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N77(90M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N78 – SCS 15k**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	25.68	0.3698	28.68	0.7379
78	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	24.99	0.3155	27.99	0.6295
78	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@214	25.26	0.3357	28.26	0.6699
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	108@54	25.51	0.3556	28.51	0.7096
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	24.88	0.3076	27.88	0.6138
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@214	25.08	0.3221	28.08	0.6427
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	108@54	24.56	0.2858	27.56	0.5702
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24	0.2512	27	0.5012
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@214	24.22	0.2642	27.22	0.5272
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	25.73	0.3741	28.73	0.7464
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.16	0.3281	28.16	0.6546
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@214	25.12	0.3251	28.12	0.6486
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	108@54	25.56	0.3597	28.56	0.7178
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.96	0.3133	27.96	0.6252
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@214	24.99	0.3155	27.99	0.6295
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	24.58	0.2871	27.58	0.5728
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.91	0.2460	26.91	0.4909
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@214	24.05	0.2541	27.05	0.5070
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	108@54	25.58	0.3614	28.58	0.7211
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@1	25.1	0.3236	28.1	0.6457
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@214	25.06	0.3206	28.06	0.6397
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	108@54	25.47	0.3524	28.47	0.7031
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	24.94	0.3119	27.94	0.6223
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@214	24.93	0.3112	27.93	0.6209
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	108@54	24.5	0.2818	27.5	0.5623
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	24.05	0.2541	27.05	0.5070
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@214	24.04	0.2535	27.04	0.5058
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	25.62	0.3648	28.62	0.7278
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	25.29	0.3381	28.29	0.6745
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	25.49	0.3540	28.49	0.7063
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	25.48	0.3532	28.48	0.7047
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	25.11	0.3243	28.11	0.6471
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	25.36	0.3436	28.36	0.6855
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	24.53	0.2838	27.53	0.5662
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	24.25	0.2661	27.25	0.5309
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	24.44	0.2780	27.44	0.5546
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.68	0.3698	28.68	0.7379
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.32	0.3404	28.32	0.6792
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	25.36	0.3436	28.36	0.6855



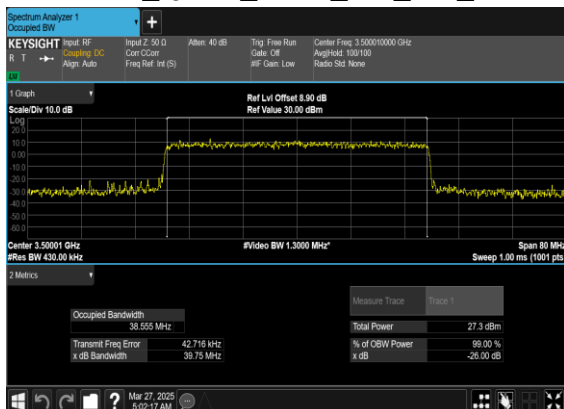
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.52	0.3565	28.52	0.7112
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.18	0.3296	28.18	0.6577
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	25.23	0.3334	28.23	0.6653
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.61	0.2891	27.61	0.5768
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.27	0.2673	27.27	0.5333
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	24.36	0.2729	27.36	0.5445
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	135@67	25.58	0.3614	28.58	0.7211
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	25.36	0.3436	28.36	0.6855
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	25.33	0.3412	28.33	0.6808
78	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	25.4	0.3467	28.4	0.6918
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.2	0.3311	28.2	0.6607
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	25.16	0.3281	28.16	0.6546
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	24.43	0.2773	27.43	0.5534
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.31	0.2698	27.31	0.5383
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	24.3	0.2692	27.3	0.5370

Occupied Bandwidth

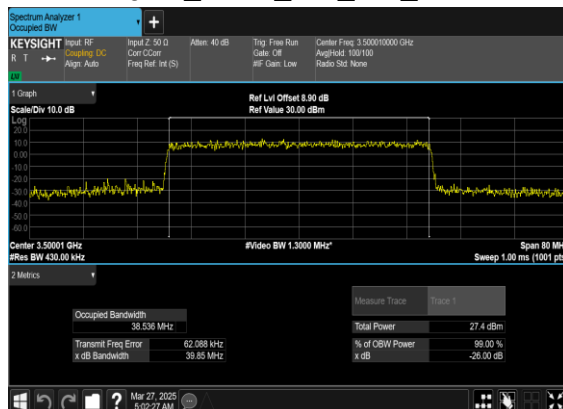
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	15	40	633334	3500.01	CP-OFDM QPSK	216@0	38.555	39.75
78	15	40	633334	3500.01	CP-OFDM 16 QAM	216@0	38.536	39.85
78	15	40	633334	3500.01	CP-OFDM 64 QAM	216@0	38.571	39.95
78	15	40	633334	3500.01	CP-OFDM 256 QAM	216@0	38.493	39.83
78	15	50	633334	3500.01	CP-OFDM QPSK	270@0	48.166	49.72
78	15	50	633334	3500.01	CP-OFDM 16 QAM	270@0	48.303	49.84
78	15	50	633334	3500.01	CP-OFDM 64 QAM	270@0	48.169	49.72
78	15	50	633334	3500.01	CP-OFDM 256 QAM	270@0	47.983	49.79



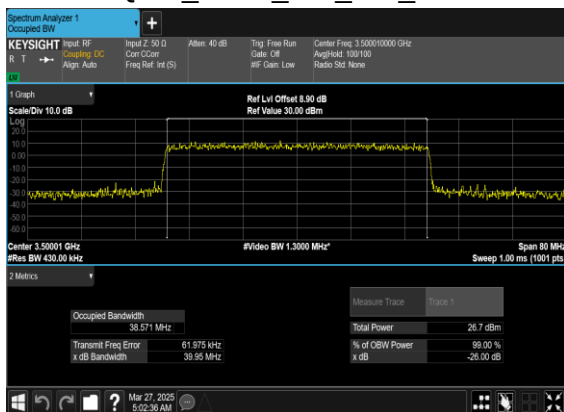
N78(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



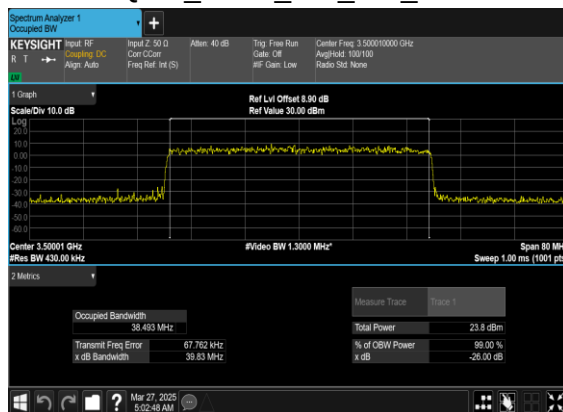
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QAM_Outer_Full_Mid_CH



N78(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

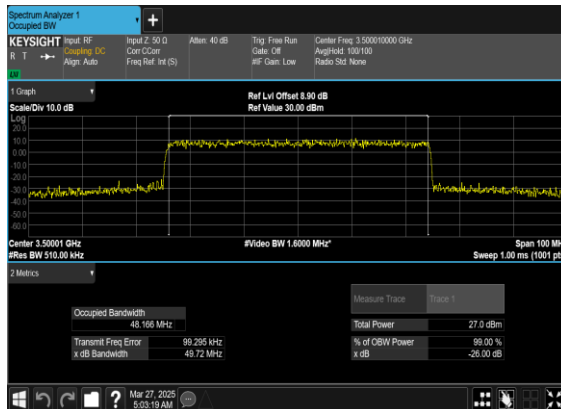


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QAM_Outer_Full_Mid_CH

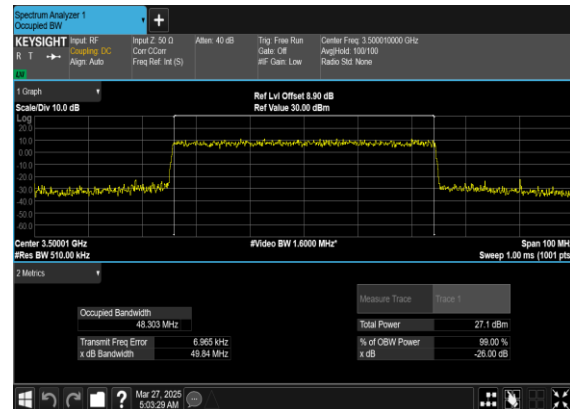




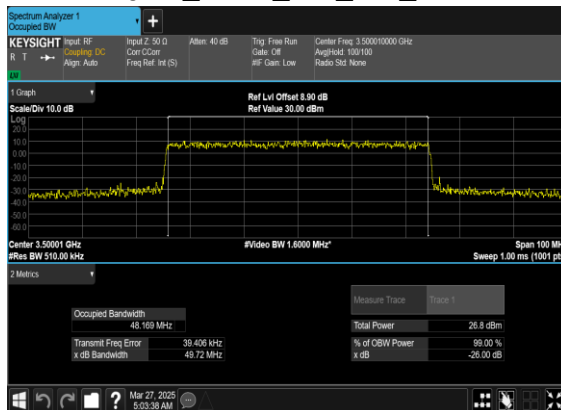
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



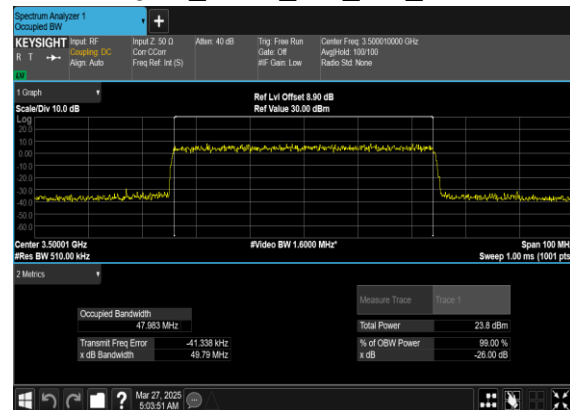
N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(50M)_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	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	40	631334	3470.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
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	---
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	40	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	50	631667	3475.005	DFT-s-OFDM BPSK	1@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	---
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	15	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	15	50	635000	3525.0	DFT-s-OFDM BPSK	1@0	see graph	---