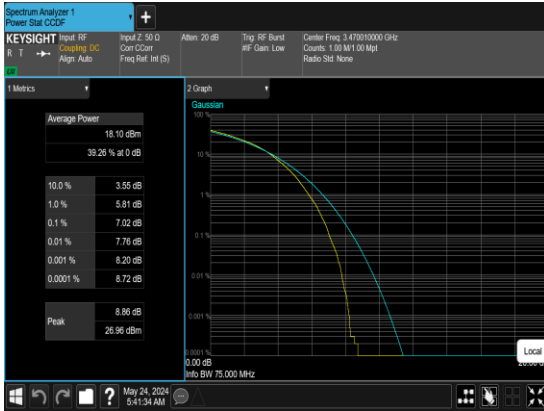


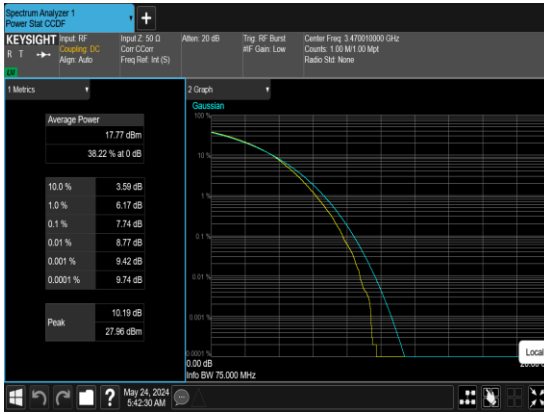
N77(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



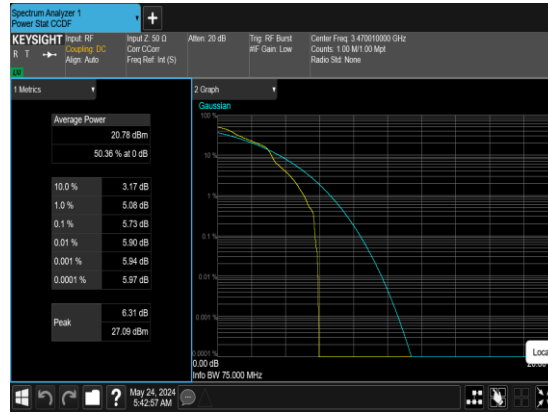
N77(60M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



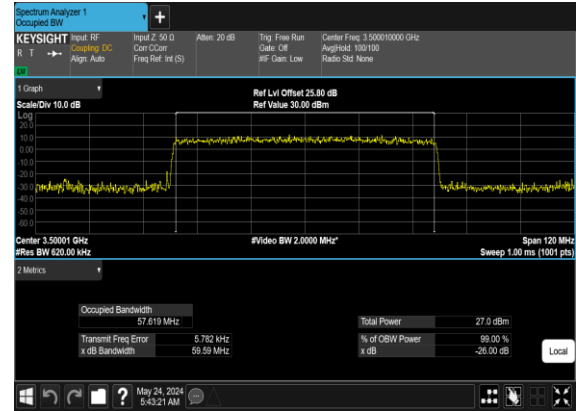
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.609	59.66
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.619	59.59
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.766	59.68
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.693	59.66
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.552	69.74
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.53	69.8
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.508	69.68
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.538	69.72
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.431	80.03
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.338	80.05
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.59	79.9
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.542	79.9
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.348	90.23
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.482	90.25
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.429	90.23
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.544	90.63
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.464	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.603	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.353	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.333	100.5

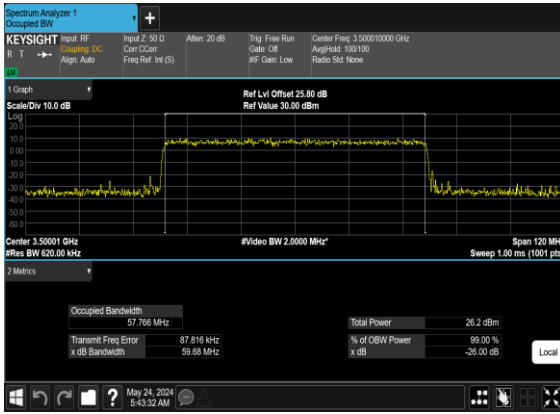
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



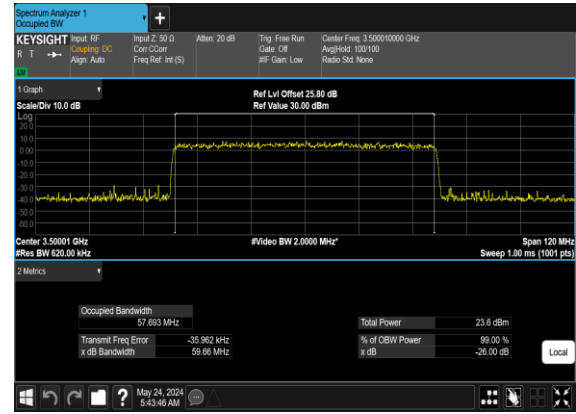
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



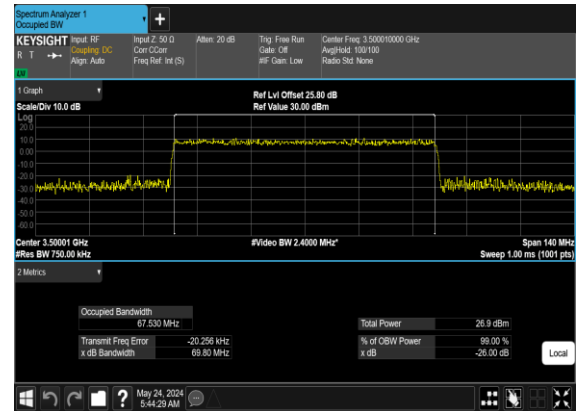
N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



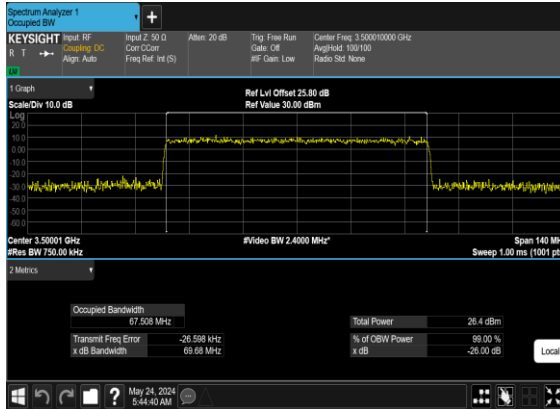
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



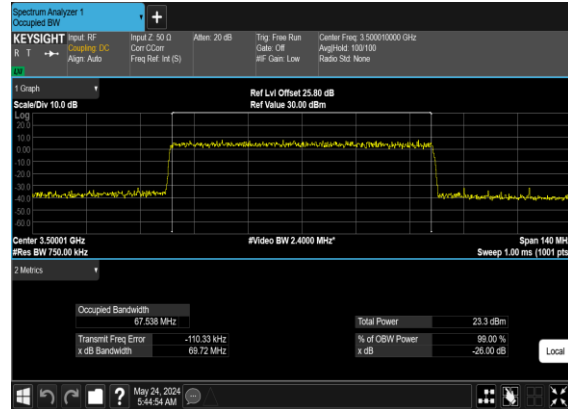
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



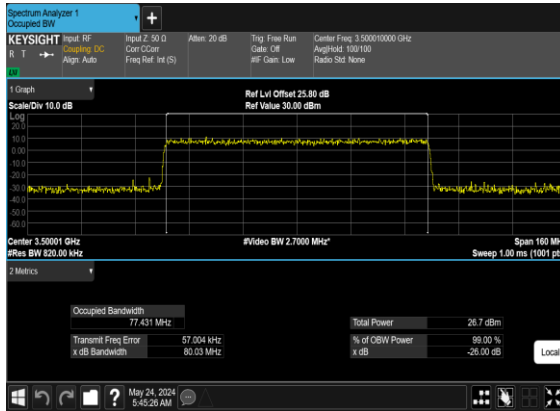
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



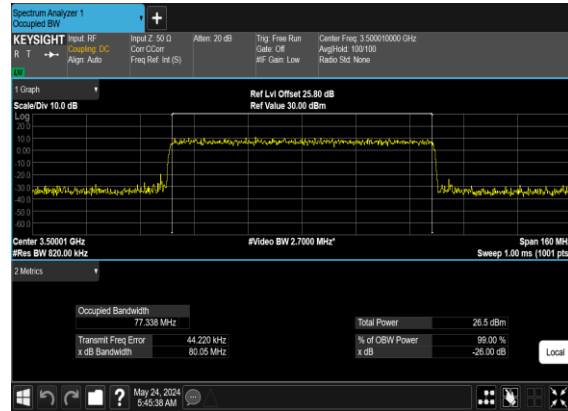
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



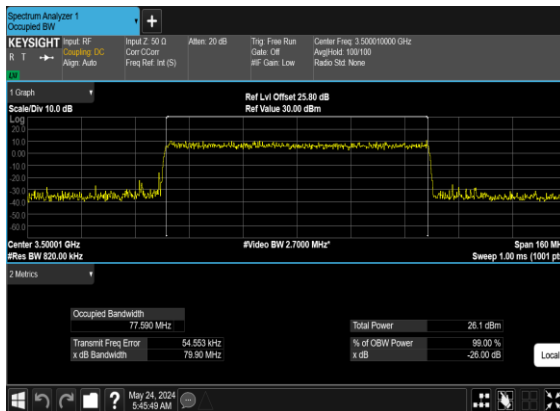
N77(80M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



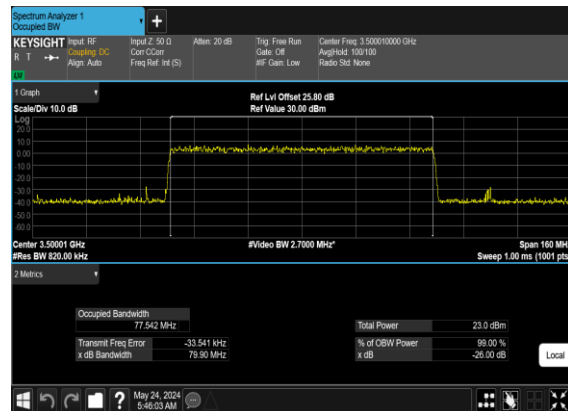
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



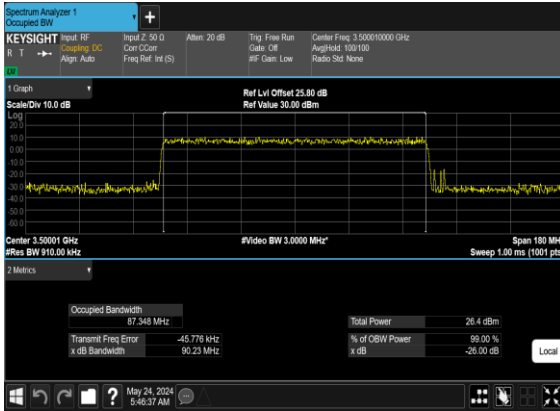
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



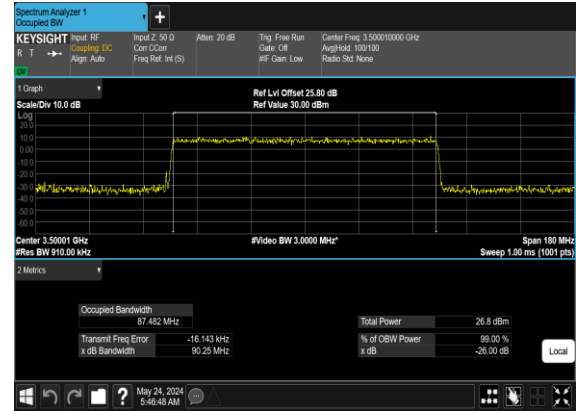
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



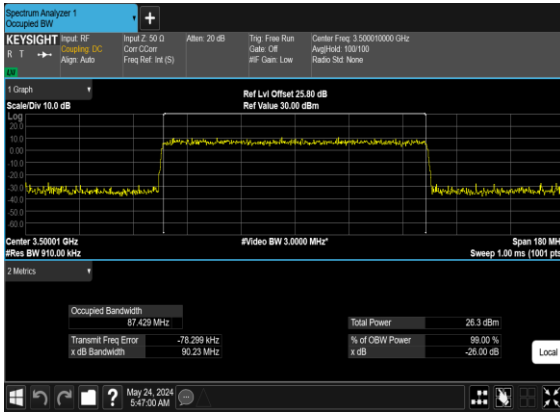
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



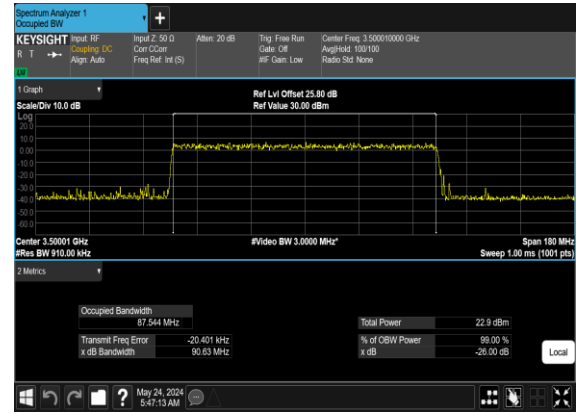
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



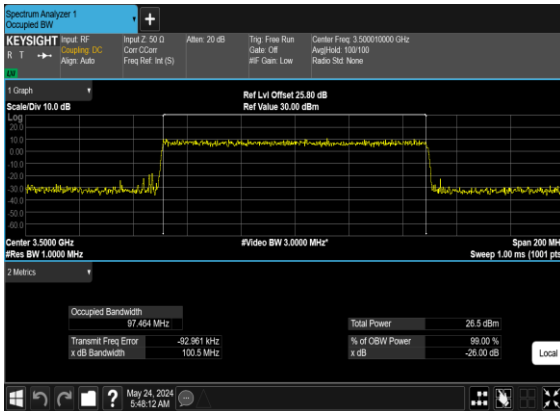
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



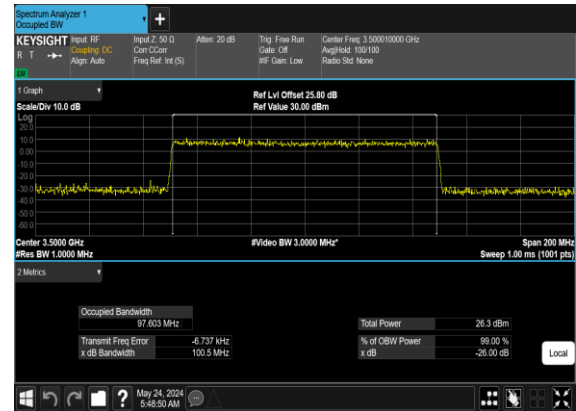
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



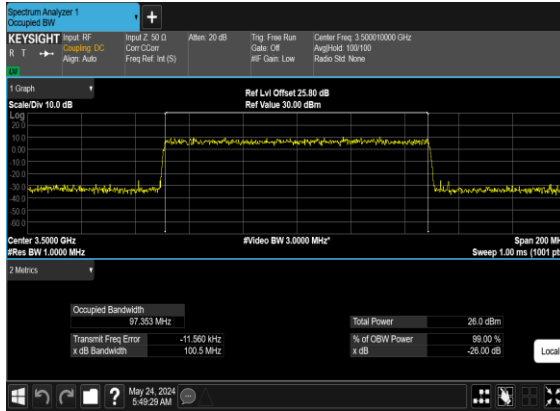
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



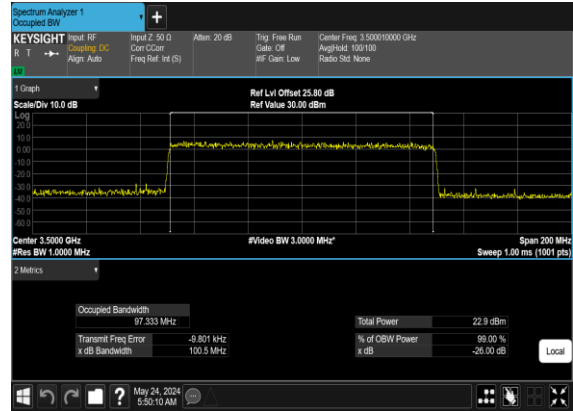
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

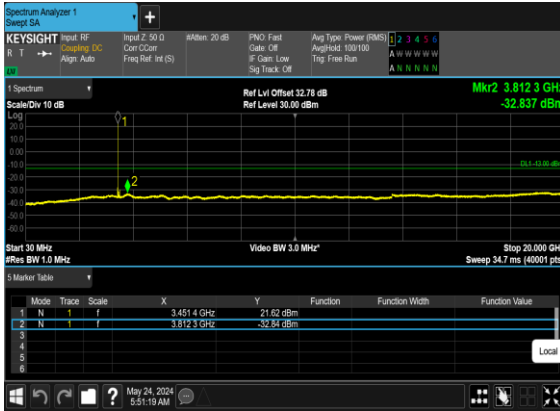


Conducted Spurious Emissions

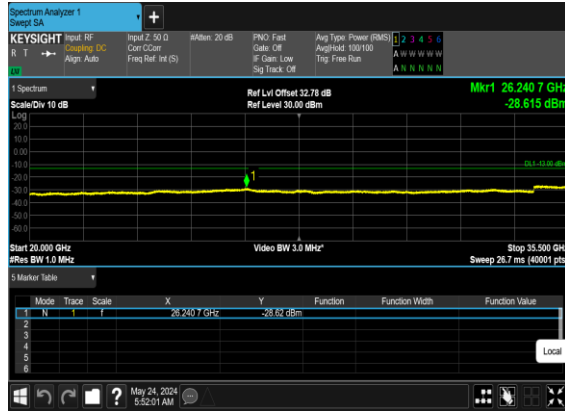
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

77	30	80	634000	3510.0	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

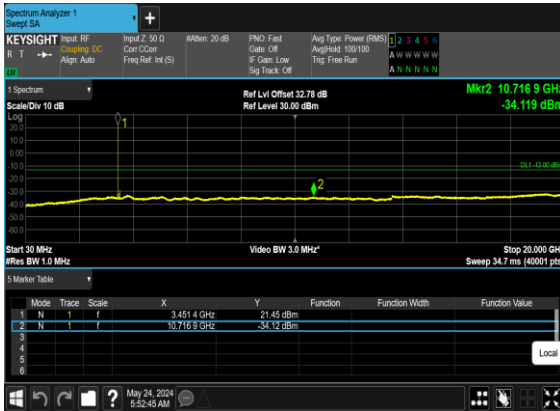
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



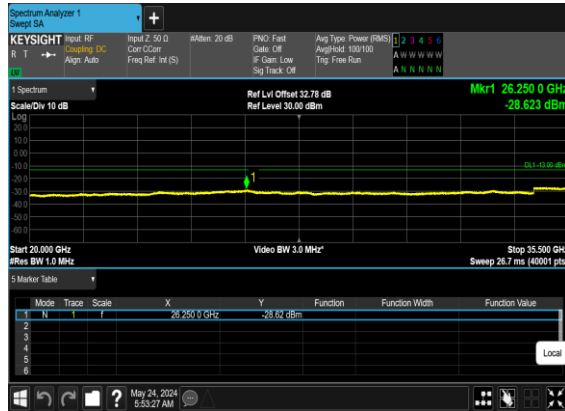
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



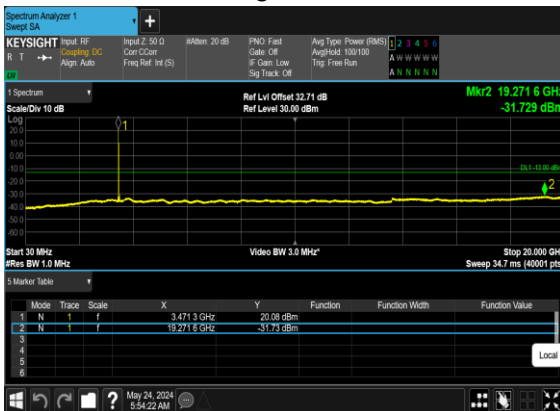
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



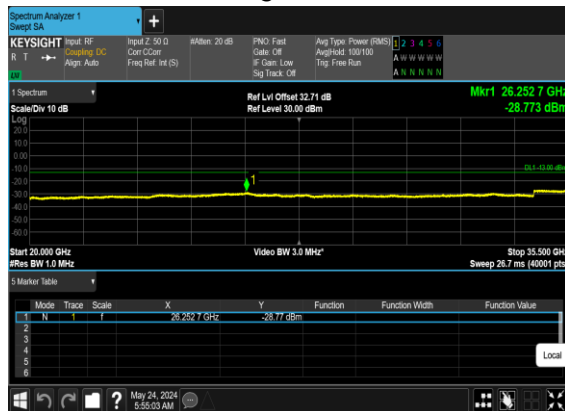
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



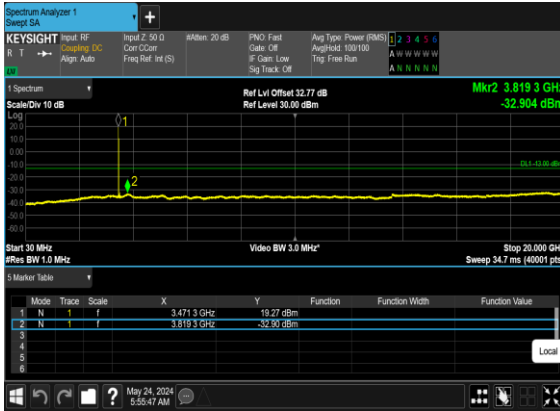
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



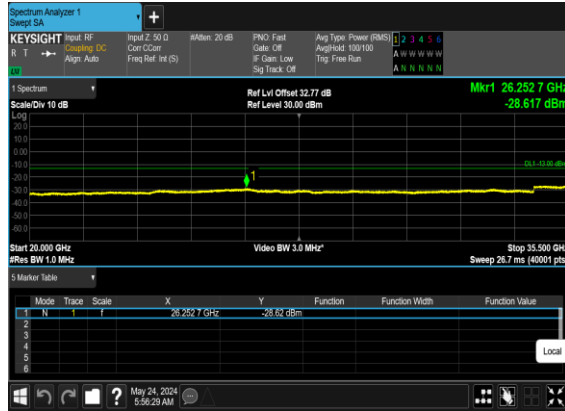
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



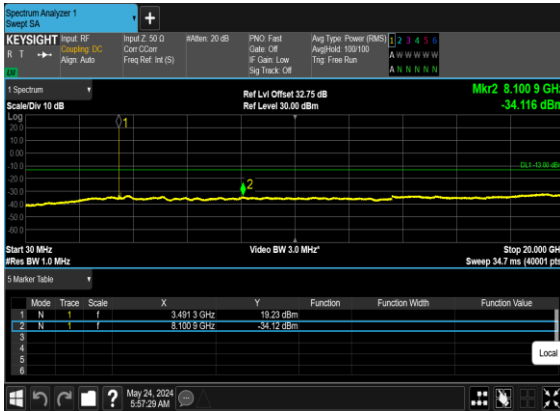
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



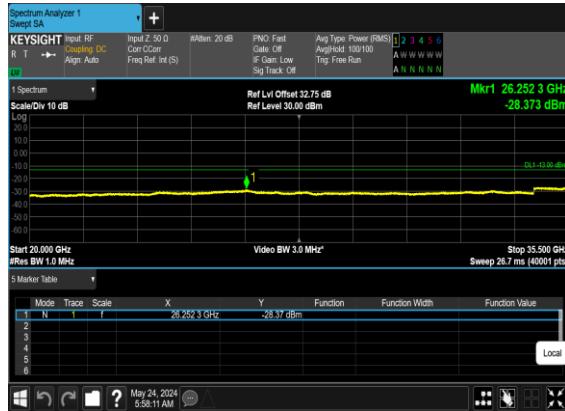
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



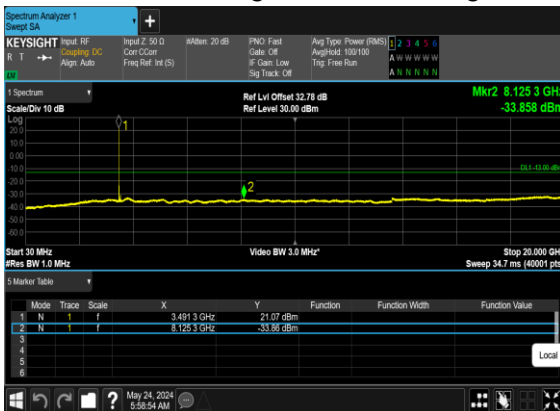
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



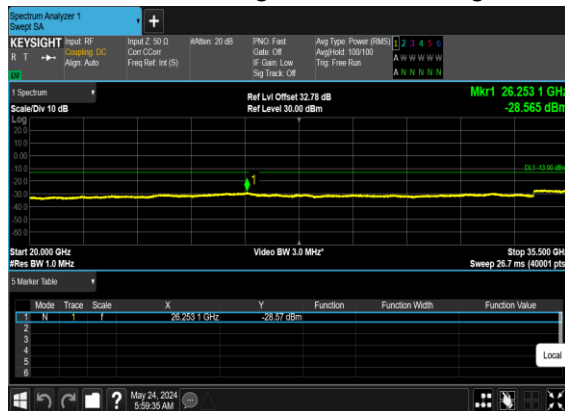
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



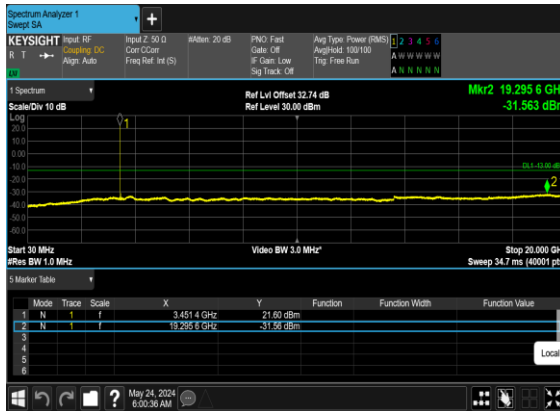
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



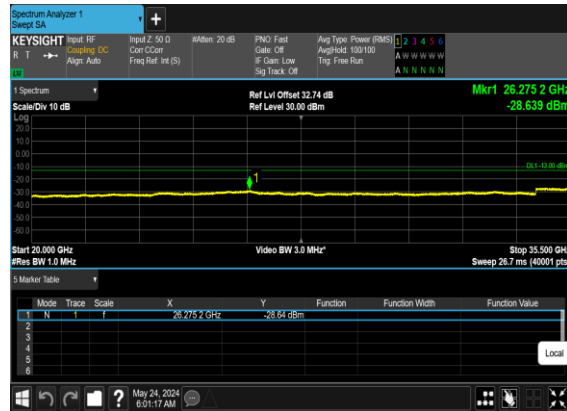
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



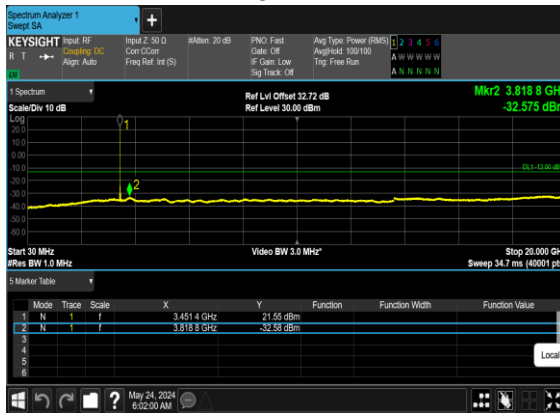
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



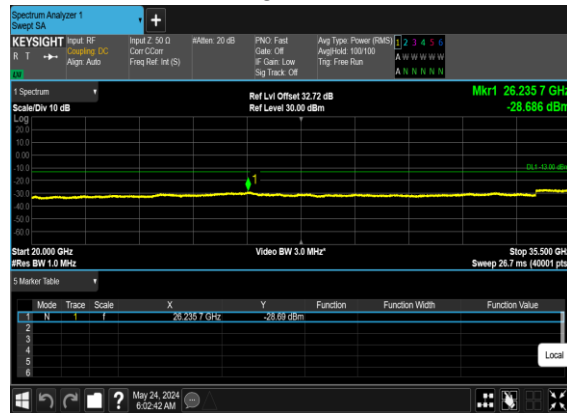
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



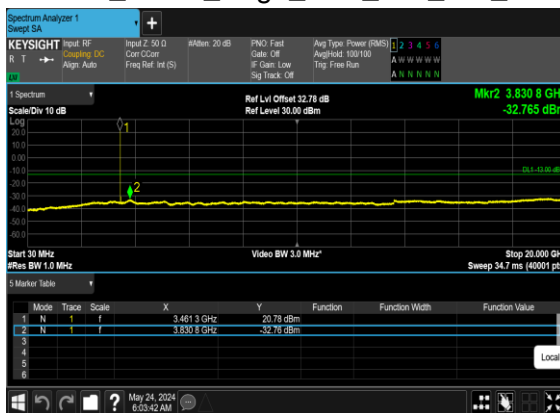
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



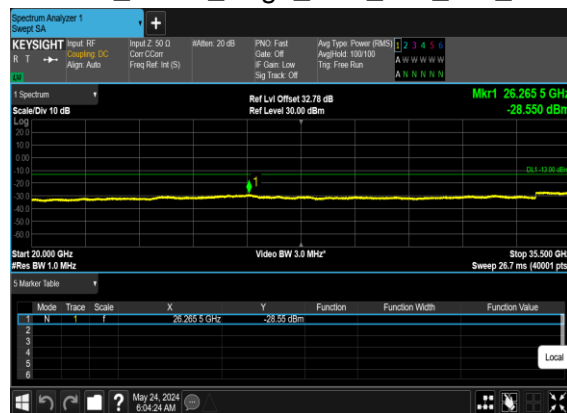
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



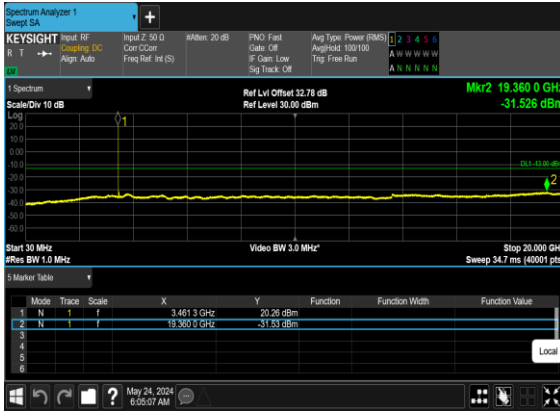
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



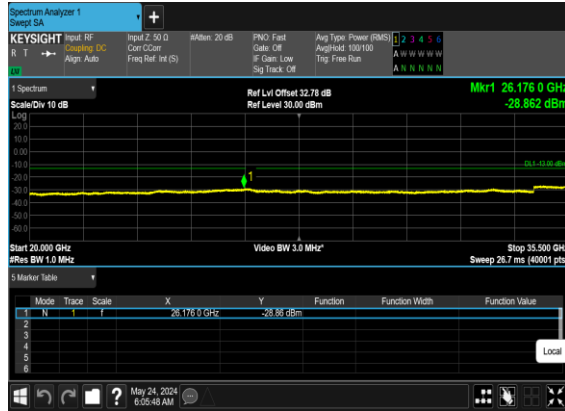
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



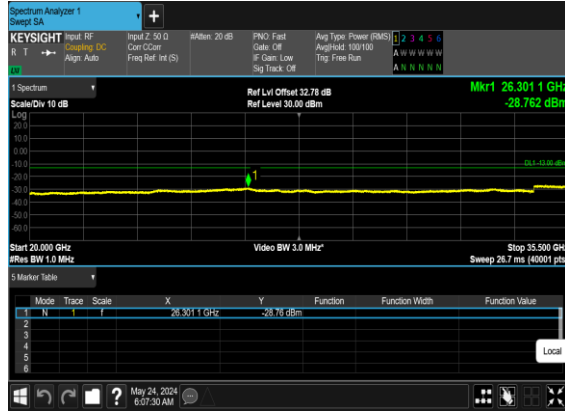
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



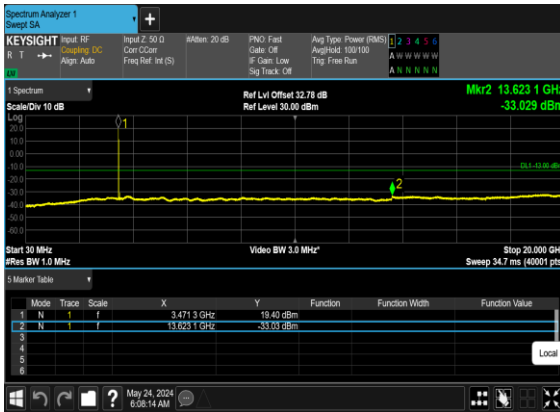
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



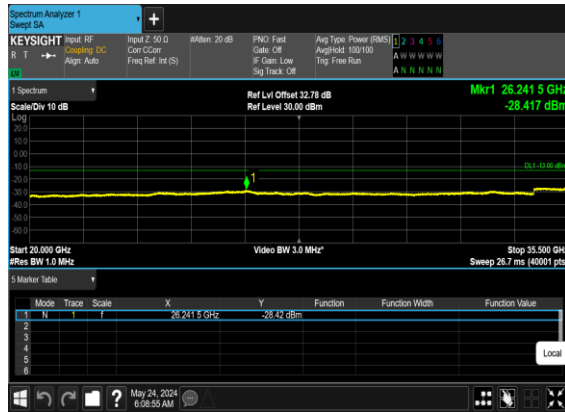
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



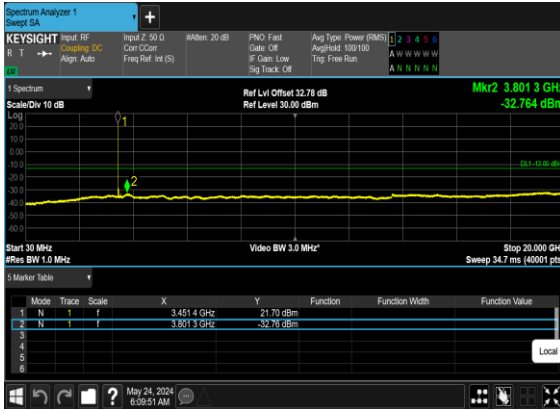
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



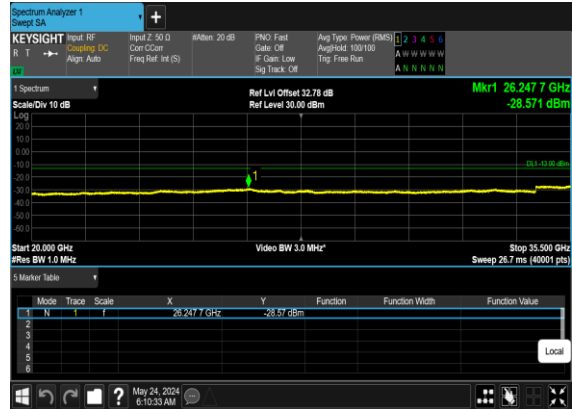
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



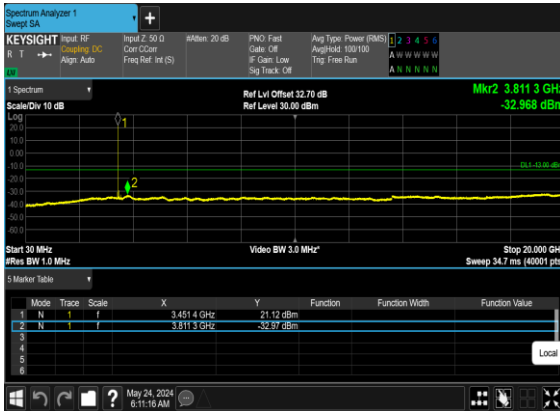
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



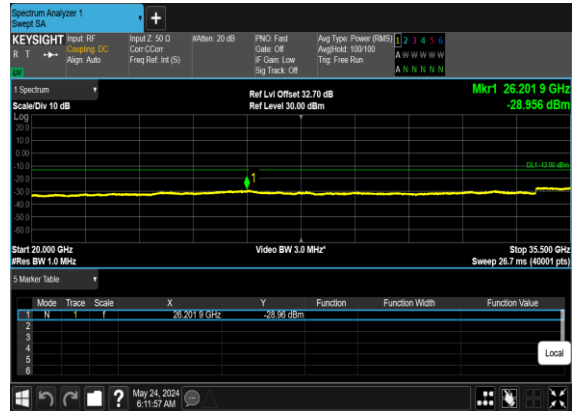
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



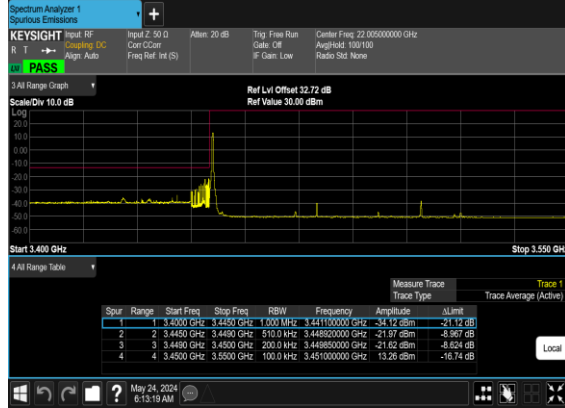
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	30	80	632668	3490.02	DFT-s-OFDM QPSK	216@0	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@216	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@216	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	30	80	634000	3510.0	DFT-s-OFDM QPSK	216@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

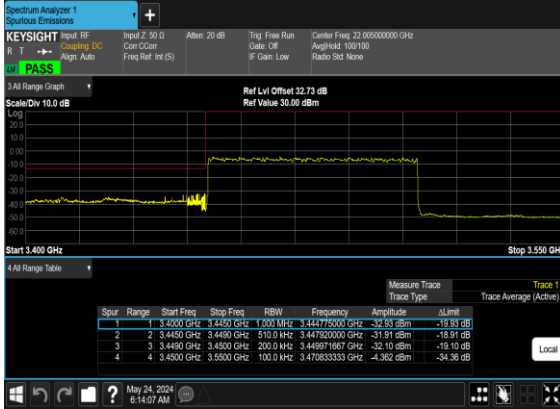
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



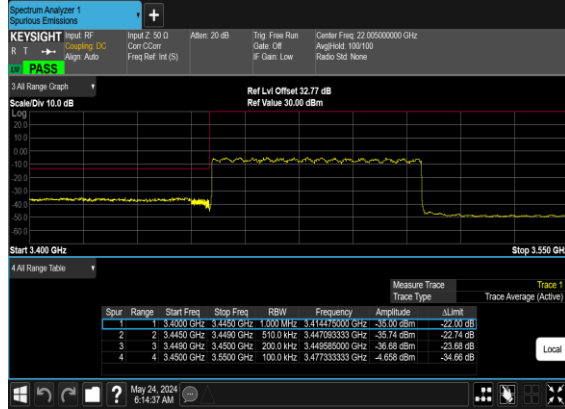
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



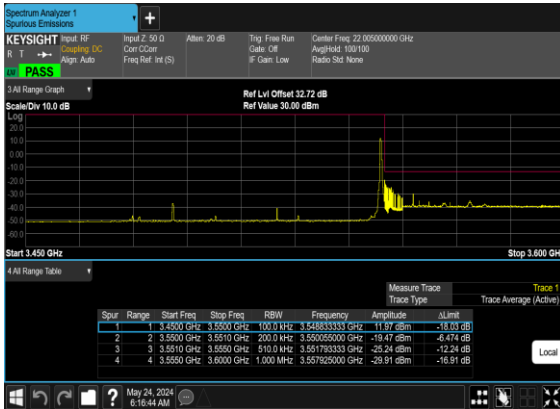
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



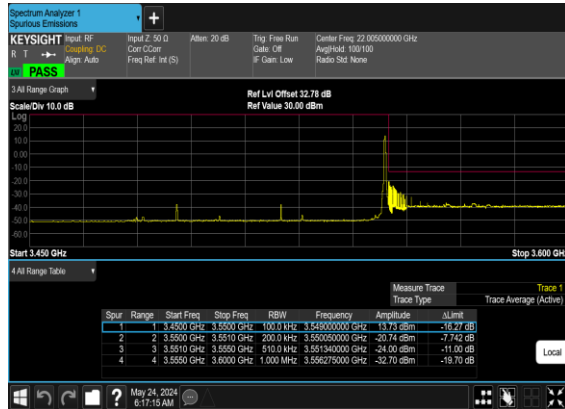
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



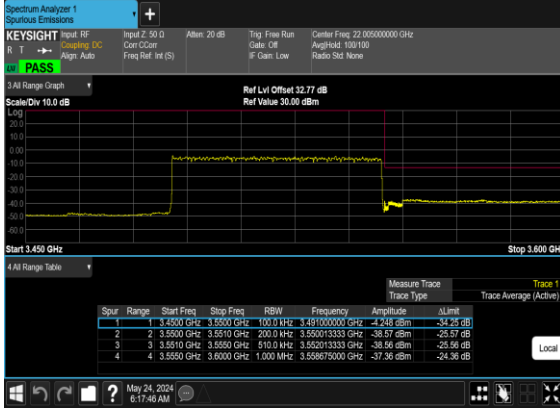
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



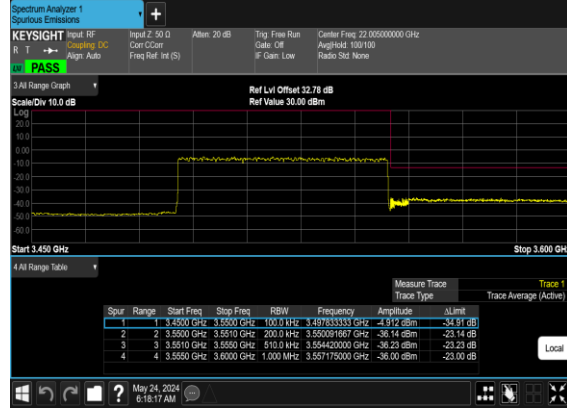
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



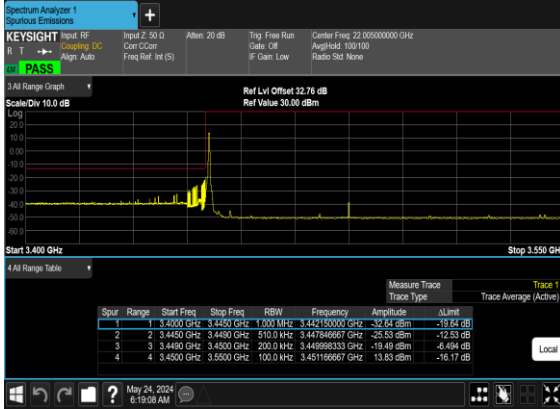
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



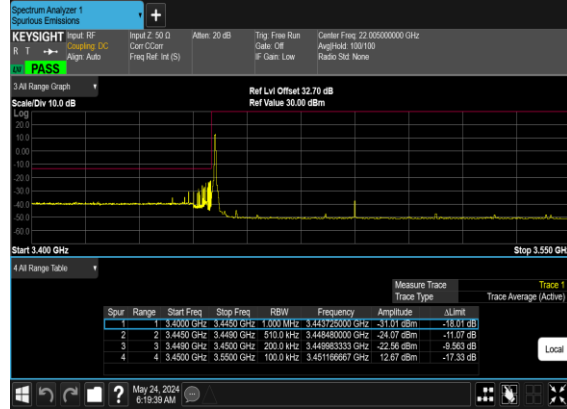
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



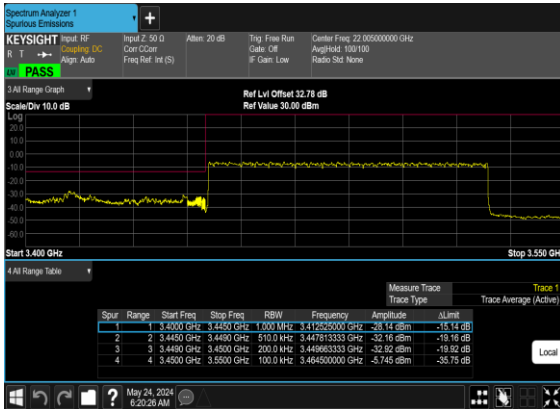
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



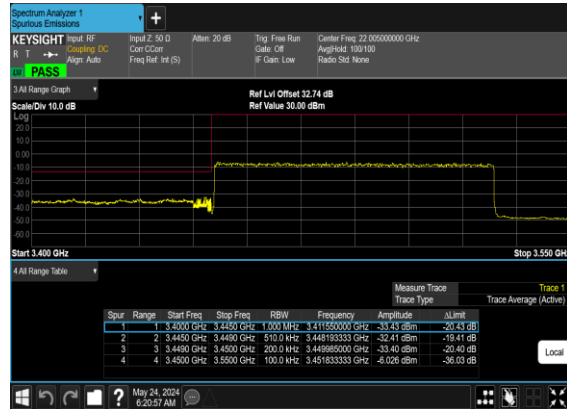
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(80M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



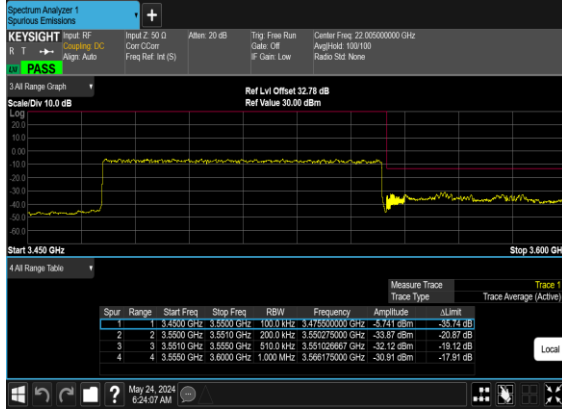
N77(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



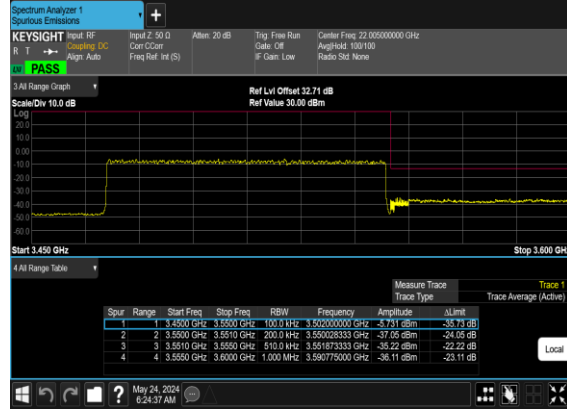
N77(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



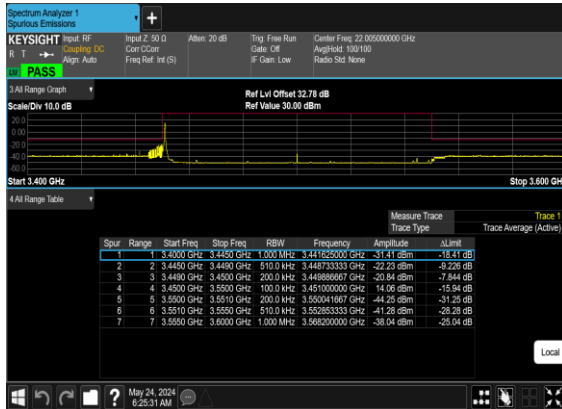
N77(80M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



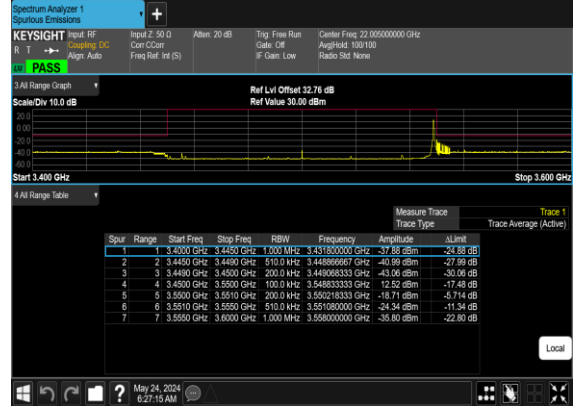
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



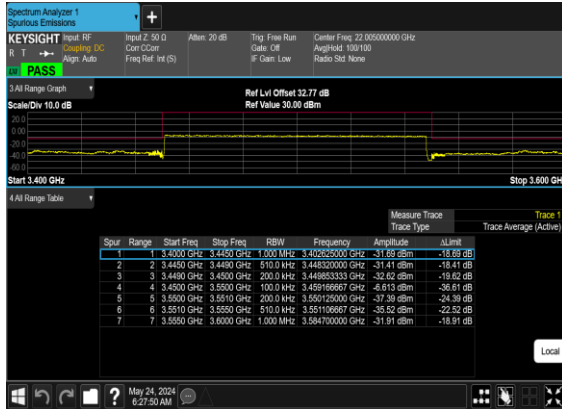
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



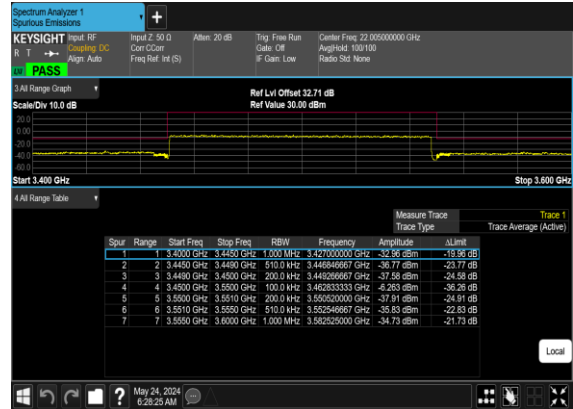
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N78(ANT9)_SCS15kHz

Transmitter Conducted Output Power and EIRP, (G_T-L_C)=-1.72dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	15	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	25.6	23.88	0.2443
78	15	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.6	23.42	0.2198
78	15	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.7	22.52	0.1786
78	15	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.37	23.19	0.2084
78	15	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.47	23.29	0.2133
78	15	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.65	22.47	0.1766
78	15	10	636333	3544.995	DFT-s-OFDM PI/2 BPSK	1@1	25.71	23.53	0.2254
78	15	10	636333	3544.995	DFT-s-OFDM QPSK	1@1	25.71	23.53	0.2254
78	15	10	636333	3544.995	DFT-s-OFDM 16 QAM	1@1	24.81	22.63	0.1832
78	15	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	25.61	23.43	0.2203
78	15	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.59	23.41	0.2193
78	15	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.71	22.53	0.1791
78	15	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.81	23.63	0.2307
78	15	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.54	23.8	0.2399
78	15	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.91	22.73	0.1875
78	15	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	25.31	23.13	0.2056
78	15	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.3	23.12	0.2051
78	15	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.45	22.27	0.1687
78	15	20	630667	3460.005	DFT-s-OFDM PI/2 BPSK	1@1	25.26	23.08	0.2032
78	15	20	630667	3460.005	DFT-s-OFDM QPSK	1@1	25.26	23.08	0.2032
78	15	20	630667	3460.005	DFT-s-OFDM 16 QAM	1@1	24.38	22.2	0.1660
78	15	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.35	23.17	0.2075
78	15	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.36	23.18	0.2080
78	15	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.42	22.24	0.1675
78	15	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	25.52	23.34	0.2158
78	15	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.49	23.31	0.2143
78	15	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.59	22.41	0.1742
78	15	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@1	25.28	23.1	0.2042
78	15	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.28	23.1	0.2042
78	15	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.38	22.2	0.1660
78	15	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.37	23.19	0.2084
78	15	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.32	23.14	0.2061
78	15	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.4	22.22	0.1667
78	15	25	635833	3537.495	DFT-s-OFDM PI/2 BPSK	1@1	25.48	23.3	0.2138
78	15	25	635833	3537.495	DFT-s-OFDM QPSK	1@1	25.46	23.28	0.2128
78	15	25	635833	3537.495	DFT-s-OFDM 16 QAM	1@1	24.56	22.38	0.1730
78	15	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	25.37	23.19	0.2084
78	15	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.37	23.19	0.2084
78	15	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.48	22.3	0.1698
78	15	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.4	23.22	0.2099

78	15	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.37	23.19	0.2084
78	15	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.49	22.31	0.1702
78	15	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	25.53	23.35	0.2163
78	15	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.55	23.37	0.2173
78	15	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.64	22.46	0.1762
78	15	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	25.34	23.16	0.2070
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.32	23.14	0.2061
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.45	22.27	0.1687
78	15	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.38	23.2	0.2089
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.34	23.16	0.2070
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.49	22.31	0.1702
78	15	40	635333	3529.995	DFT-s-OFDM PI/2 BPSK	1@1	25.53	23.35	0.2163
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	25.49	23.31	0.2143
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	24.61	22.43	0.1750
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	25.71	23.99	0.2506
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	25.42	23.7	0.2344
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	24.8	23.08	0.2032
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	25.76	24.04	0.2535
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	25.43	23.71	0.2350
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	24.81	23.09	0.2037
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	24.74	23.02	0.2004
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	24.49	22.77	0.1892
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	23.86	22.14	0.1637
78	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	135@67	23.25	21.53	0.1422
78	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	1@1	23.04	21.32	0.1355
78	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	1@268	22.36	20.64	0.1159
78	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	135@67	21.2	19.48	0.0887
78	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	1@1	20.81	19.09	0.0811
78	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	1@268	20.11	18.39	0.0690
78	15	50	631667	3475.005	CP-OFDM QPSK	135@67	24.2	22.48	0.1770
78	15	50	631667	3475.005	CP-OFDM QPSK	1@1	24.14	22.42	0.1746
78	15	50	631667	3475.005	CP-OFDM QPSK	1@268	23.22	21.5	0.1413
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.86	24.14	0.2594
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.68	23.96	0.2489
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	25.59	23.87	0.2438
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.95	24.23	0.2649
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.63	23.91	0.2460
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	25.67	23.95	0.2483
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.9	23.18	0.2080
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.78	23.06	0.2023
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	24.65	22.93	0.1963
78	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.38	21.66	0.1466
78	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.3	21.58	0.1439
78	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@268	23.23	21.51	0.1416
78	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.4	19.68	0.0929
78	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.08	19.36	0.0863
78	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@268	21.03	19.31	0.0853
78	15	50	633334	3500.01	CP-OFDM QPSK	135@67	22.31	20.59	0.1146

78	15	50	633334	3500.01	CP-OFDM QPSK	1@1	24.16	22.44	0.1754
78	15	50	633334	3500.01	CP-OFDM QPSK	1@268	24.17	22.45	0.1758
78	15	50	635000	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.73	24.01	0.2518
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	25.33	23.61	0.2296
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	25.72	24	0.2512
78	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	25.76	24.04	0.2535
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.35	23.63	0.2307
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	25.7	23.98	0.2500
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	24.73	23.01	0.2000
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.41	22.69	0.1858
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	24.92	23.2	0.2089
78	15	50	635000	3525	DFT-s-OFDM 64 QAM	135@67	23.23	21.51	0.1416
78	15	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	22.95	21.23	0.1327
78	15	50	635000	3525	DFT-s-OFDM 64 QAM	1@268	23.37	21.65	0.1462
78	15	50	635000	3525	DFT-s-OFDM 256 QAM	135@67	21.28	19.56	0.0904
78	15	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	20.85	19.13	0.0818
78	15	50	635000	3525	DFT-s-OFDM 256 QAM	1@268	21.22	19.5	0.0891
78	15	50	635000	3525	CP-OFDM QPSK	135@67	24.21	22.49	0.1774
78	15	50	635000	3525	CP-OFDM QPSK	1@1	23.87	22.15	0.1641
78	15	50	635000	3525	CP-OFDM QPSK	1@268	24.28	22.56	0.1803

FR1 N78(ANT9)_SCS30kHz

Transmitter Conducted Output Power and EIRP, (G_T-L_C)=-1.72dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.55	23.83	0.2415
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.56	23.84	0.2421
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.43	23.71	0.2350
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.58	23.86	0.2432
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.58	23.86	0.2432
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.74	24.02	0.2523
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.6	22.88	0.1941
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.66	22.94	0.1968
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.43	22.71	0.1866
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.11	21.39	0.1377
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.21	21.49	0.1409
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.08	21.36	0.1368
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.03	19.31	0.0853
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.94	19.22	0.0836
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.72	19	0.0794
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.99	22.27	0.1687
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.33	22.61	0.1824
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.81	22.09	0.1618
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	25.49	23.77	0.2382
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.55	23.83	0.2415
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.56	22.84	0.1923
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.5	23.78	0.2388
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.52	23.8	0.2399
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.57	22.85	0.1928
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@1	25.61	23.89	0.2449
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.67	23.95	0.2483
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.67	22.95	0.1972
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	25.43	23.71	0.2350
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.45	23.73	0.2360
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.56	22.84	0.1923
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.5	23.78	0.2388
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.49	23.77	0.2382
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.59	22.87	0.1936
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	25.67	23.95	0.2483
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.67	23.95	0.2483
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.75	23.03	0.2009
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	25.44	23.72	0.2355
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.64	23.92	0.2466
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.47	22.75	0.1884
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.46	23.74	0.2366

78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.63	23.91	0.2460
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.49	22.77	0.1892
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	25.6	23.88	0.2443
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.81	24.09	0.2564
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.75	23.03	0.2009
78	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@1	25.4	23.68	0.2333
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.41	23.69	0.2339
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.51	22.79	0.1901
78	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.47	23.75	0.2371
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.48	23.76	0.2377
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.55	22.83	0.1919
78	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	1@1	25.56	23.84	0.2421
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.58	23.86	0.2432
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.77	23.05	0.2018
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	25.48	23.76	0.2377
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.42	23.7	0.2344
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.53	22.81	0.1910
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.44	23.72	0.2355
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.43	23.71	0.2350
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.57	22.85	0.1928
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	25.6	23.88	0.2443
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.59	23.87	0.2438
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.74	23.02	0.2004
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	25.4	23.68	0.2333
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.54	23.82	0.2410
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.45	22.73	0.1875
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.43	23.71	0.2350
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.59	23.87	0.2438
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.52	22.8	0.1905
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	25.54	23.82	0.2410
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.6	23.88	0.2443
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.63	22.91	0.1954
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	25.37	23.65	0.2317
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.52	23.8	0.2399
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.45	22.73	0.1875
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.41	23.69	0.2339
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.45	23.73	0.2360
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.44	22.72	0.1871
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	25.48	23.76	0.2377
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.62	23.9	0.2455
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.54	22.82	0.1914
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	25.47	23.75	0.2371
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.59	23.87	0.2438
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.51	22.79	0.1901
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.48	23.76	0.2377
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.65	23.93	0.2472
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.51	22.79	0.1901
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	25.54	23.82	0.2410

78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.74	24.02	0.2523
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.58	22.86	0.1932
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	25.56	23.84	0.2421
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.72	24	0.2512
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.62	22.9	0.1950
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.55	23.83	0.2415
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.87	24.15	0.2600
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.6	22.88	0.1941
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	25.61	23.89	0.2449
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.76	24.04	0.2535
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.63	22.91	0.1954
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	25.6	23.88	0.2443
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.66	23.94	0.2477
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.72	23	0.1995
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.64	23.92	0.2466
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.62	23.9	0.2455
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.73	23.01	0.2000
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	25.67	23.95	0.2483
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.64	23.92	0.2466
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.72	23	0.1995
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	25.58	23.86	0.2432
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.57	23.85	0.2427
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.66	22.94	0.1968
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.59	23.87	0.2438
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.61	23.89	0.2449
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.7	22.98	0.1986
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	25.61	23.89	0.2449
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.66	23.94	0.2477
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.74	23.02	0.2004



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Qingsheng He	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

n77 SA / NR 100MHz / QPSK(ANT6)									
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	-54.93	-13	-41.93	-50.27	-58.23	8.30	11.60	H
	10353	-50.34	-13	-37.34	-51.46	-51.86	10.48	12.00	H
	13804	-50.57	-13	-37.57	-57.04	-52.27	11.80	13.50	H
	6902	-59.57	-13	-46.57	-54.83	-62.87	8.30	11.60	V
	10353	-46.82	-13	-33.82	-47.73	-48.34	10.48	12.00	V
	13804	-50.91	-13	-37.91	-57.07	-52.61	11.80	13.50	V

n78 SA / NR 100MHz / QPSK(ANT6)									
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	-52.47	-13	-39.47	-47.81	-55.77	8.30	11.60	H
	10353	-52.09	-13	-39.09	-53.21	-53.61	10.48	12.00	H
	13804	-49.59	-13	-36.59	-56.06	-51.29	11.80	13.50	H
	6902	-55.31	-13	-42.31	-50.57	-58.61	8.30	11.60	V
	10353	-53.43	-13	-40.43	-54.34	-54.95	10.48	12.00	V
	13804	-48.54	-13	-35.54	-54.7	-50.24	11.80	13.50	V



EN-DC 41A_n78A / LTE 20MHz + NR 100MHz / QPSK(ANT5+6)									
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 n78 Middle	6902	-57.34	-13	-44.34	-52.68	-60.64	8.30	11.60	H
	10353	-41.06	-13	-28.06	-42.18	-42.58	10.48	12.00	H
	13804	-50.32	-13	-37.32	-56.79	-52.02	11.80	13.50	H
	6902	-57.70	-13	-44.70	-52.96	-61.00	8.30	11.60	V
	10353	-45.23	-13	-32.23	-46.14	-46.75	10.48	12.00	V
	13804	-50.56	-13	-37.56	-56.72	-52.26	11.80	13.50	V
LTE Band41 Middle	5177.00	-61.46	-25	-36.46	-79.00	-67.02	7.14	12.70	H
	7765.50	-58.92	-25	-33.92	-56.06	-62.22	8.30	11.60	H
	10354.00	-41.06	-25	-16.06	-42.18	-42.58	10.48	12.00	H
	5177.00	-61.47	-25	-36.47	-78.95	-67.03	7.14	12.70	V
	7765.50	-58.98	-25	-33.98	-56.1	-62.28	8.30	11.60	V
	10354.00	-45.23	-25	-20.23	-46.15	-46.75	10.48	12.00	V

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