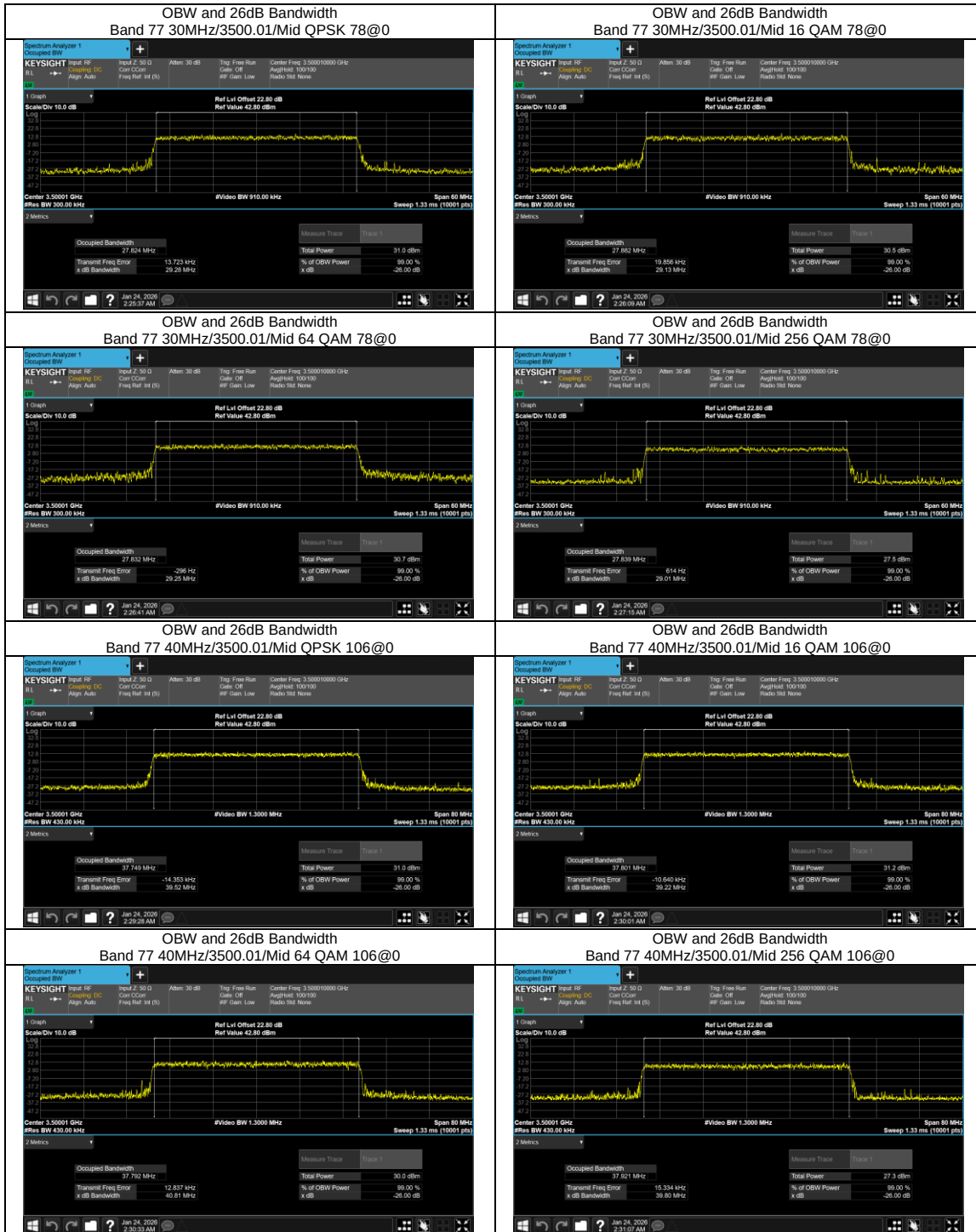
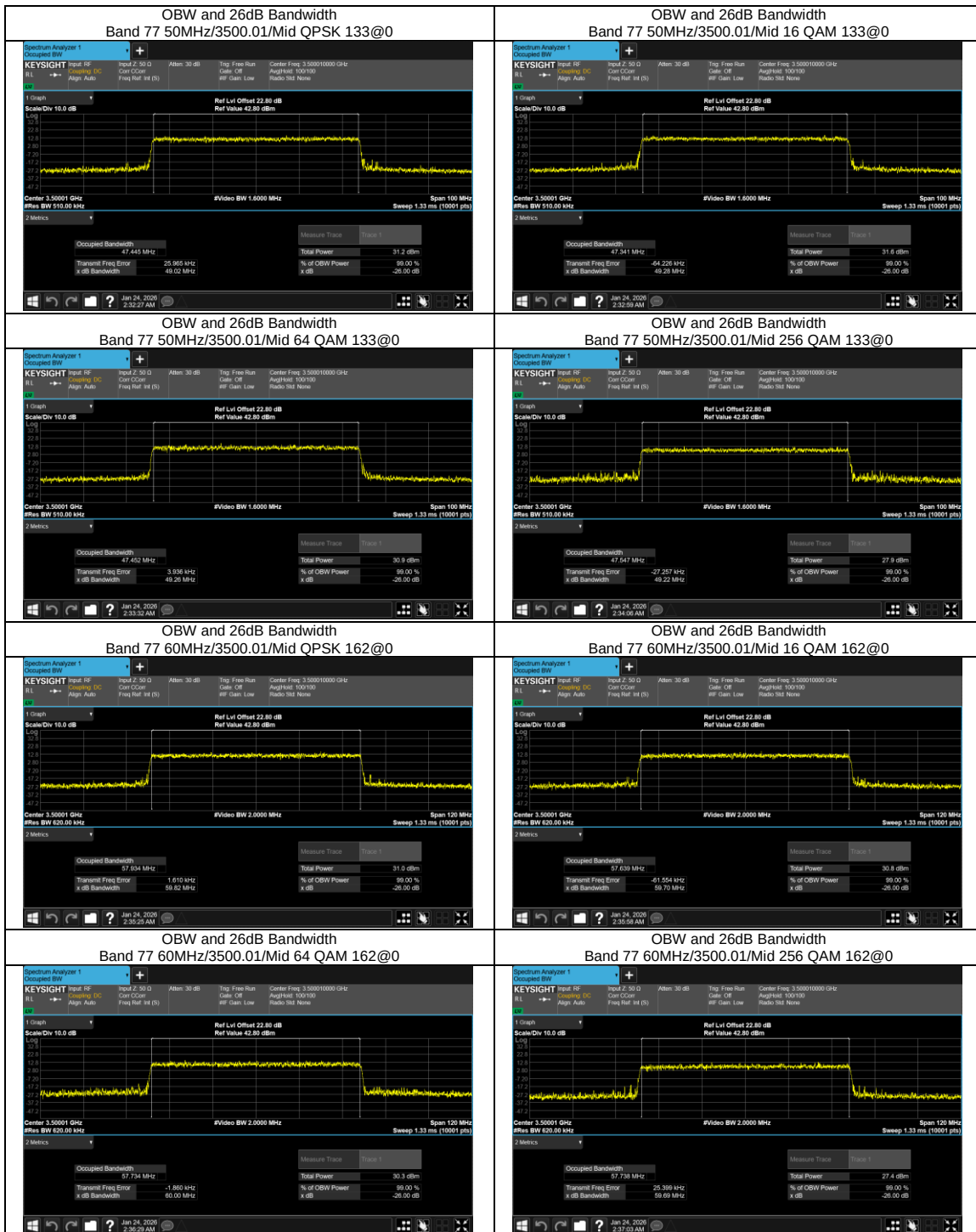
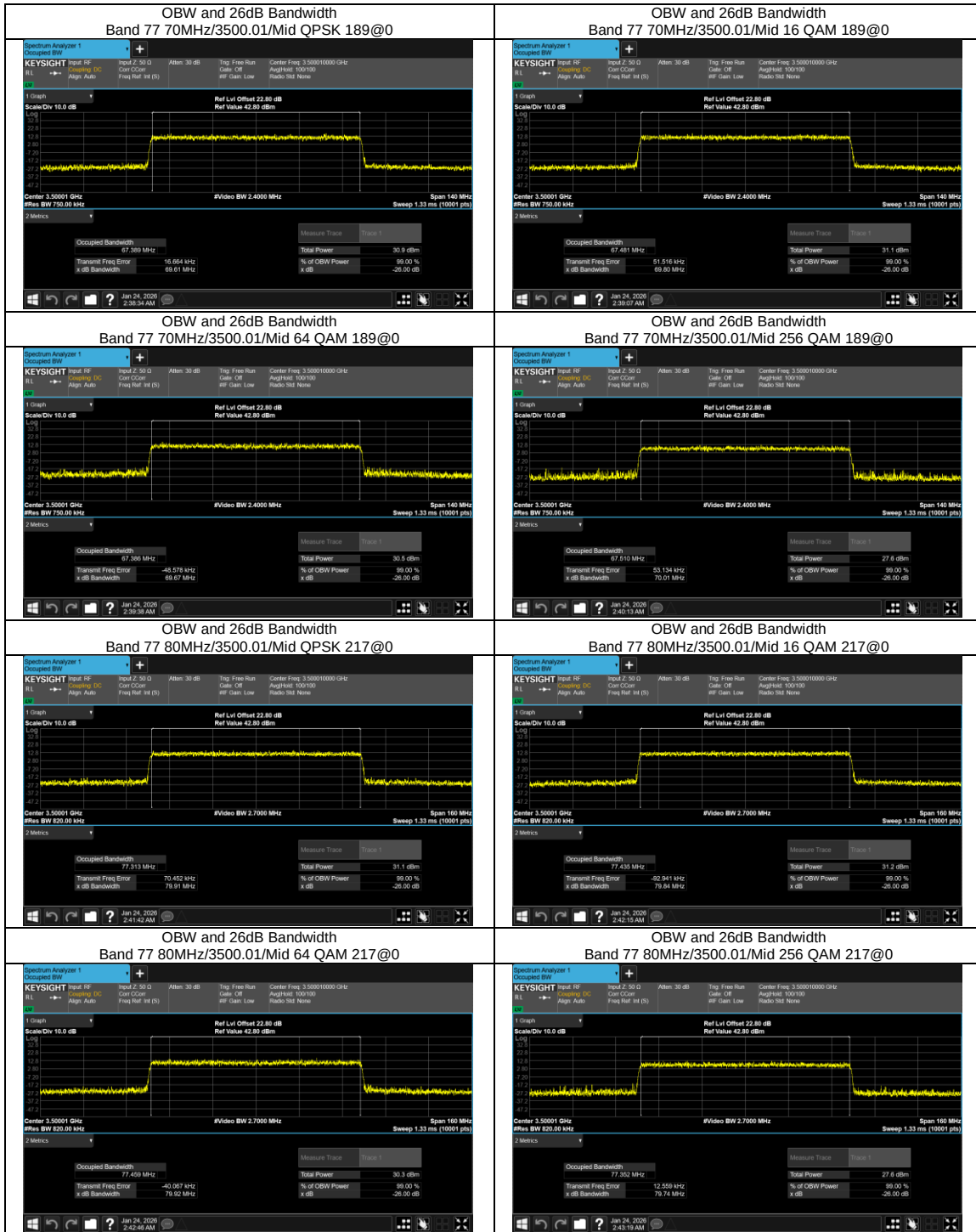
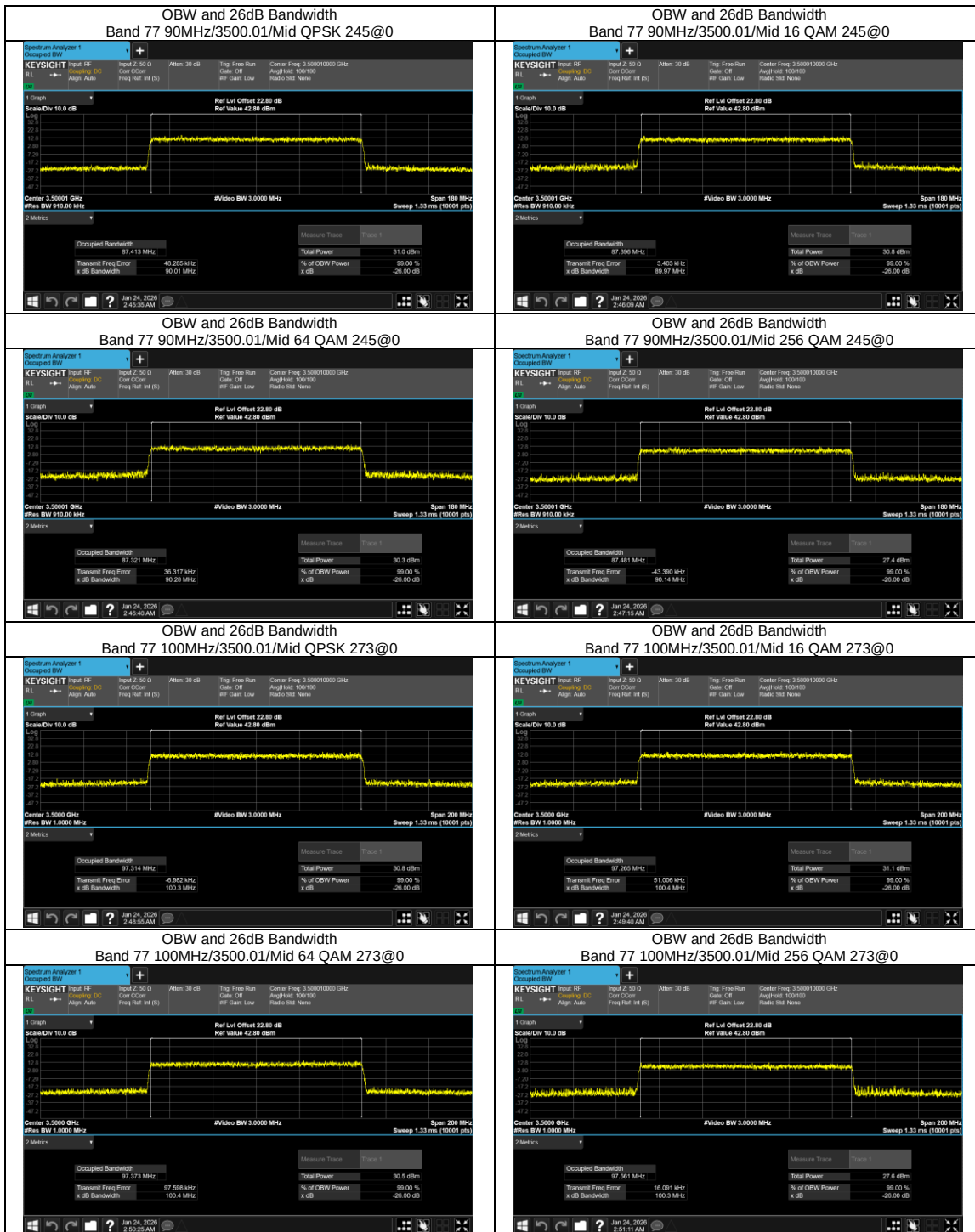












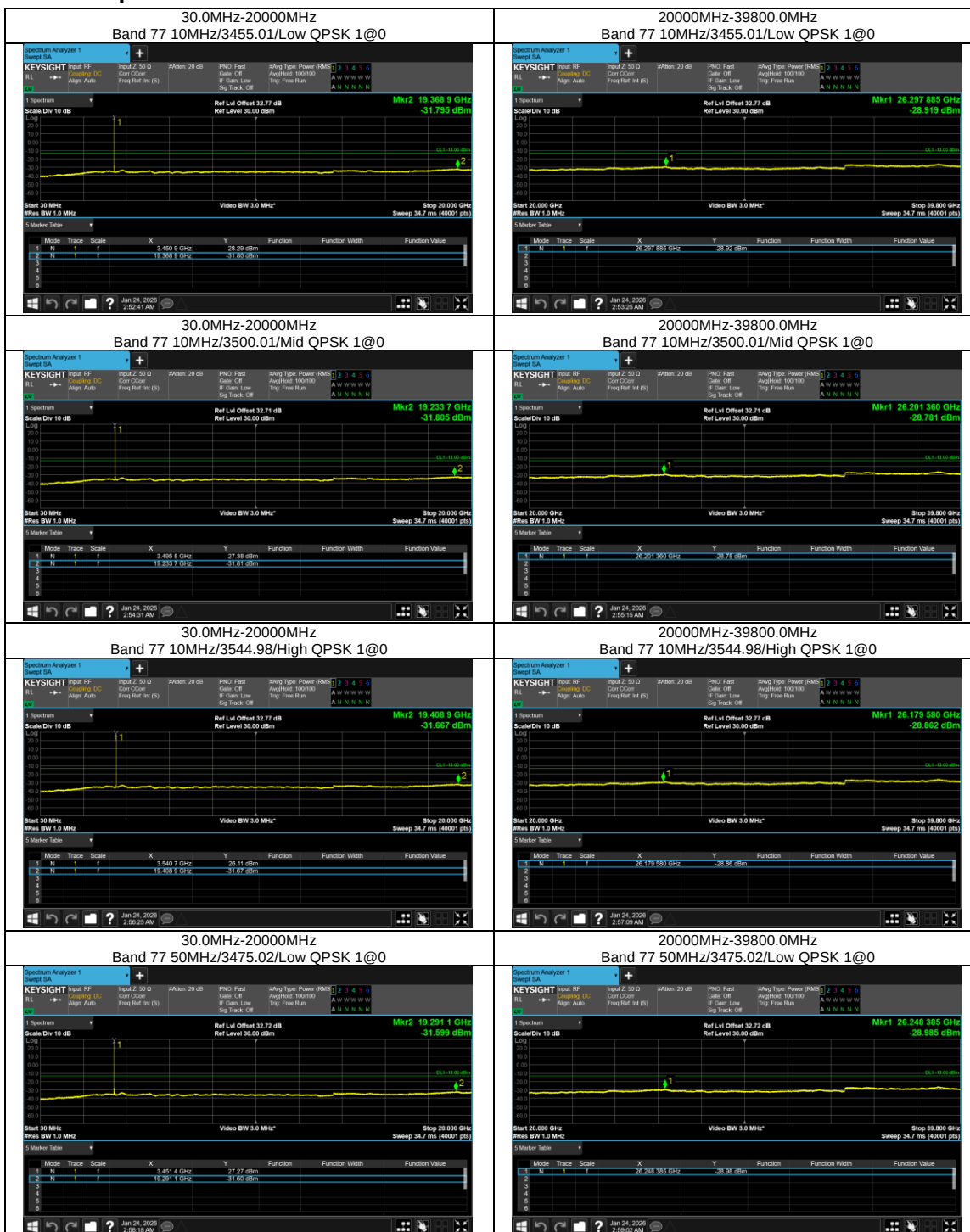
Conducted Spurious Emissions

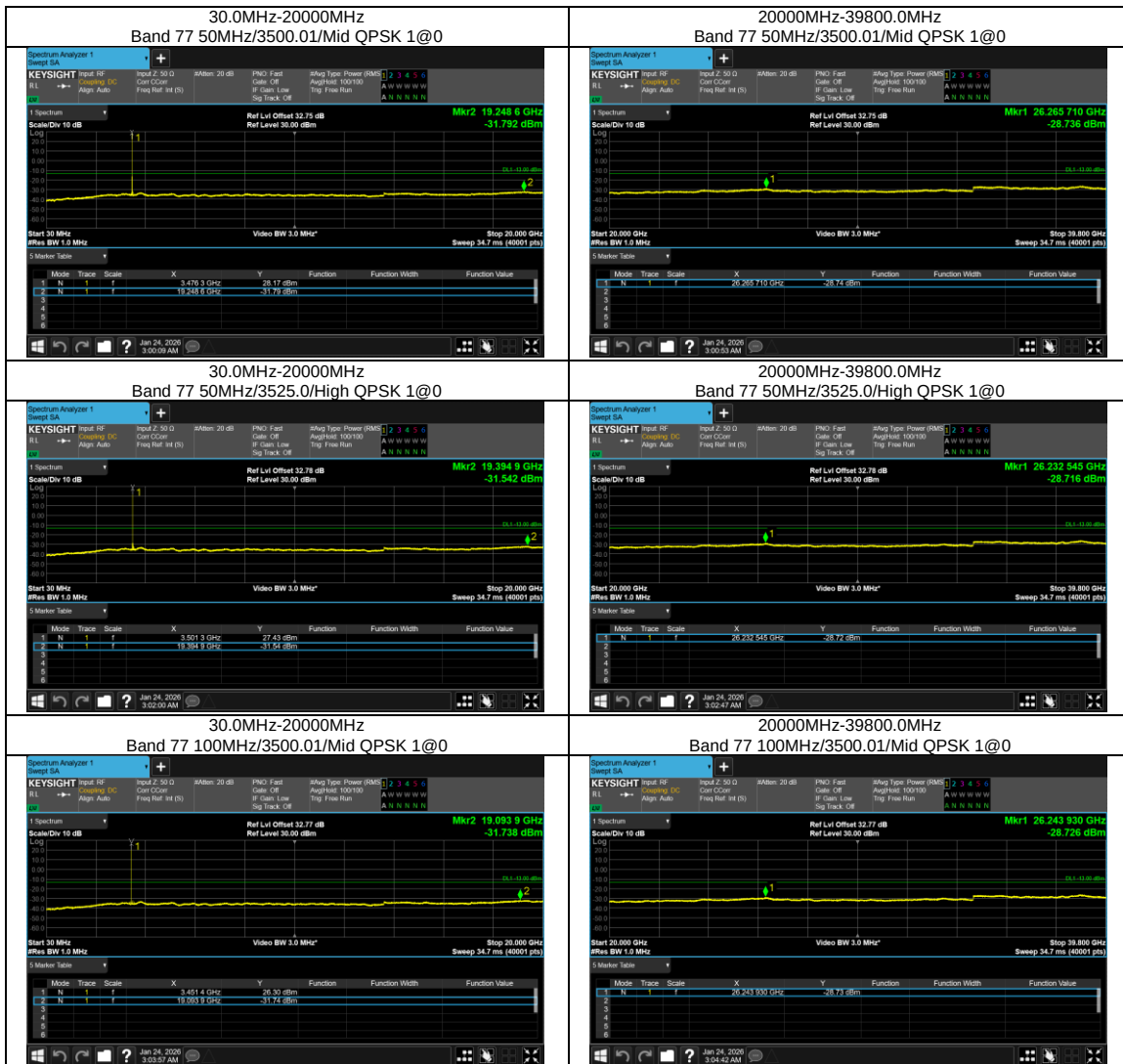
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	See graph	---
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	See graph	---
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	See graph	---
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	See graph	---
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS



Test Graphs







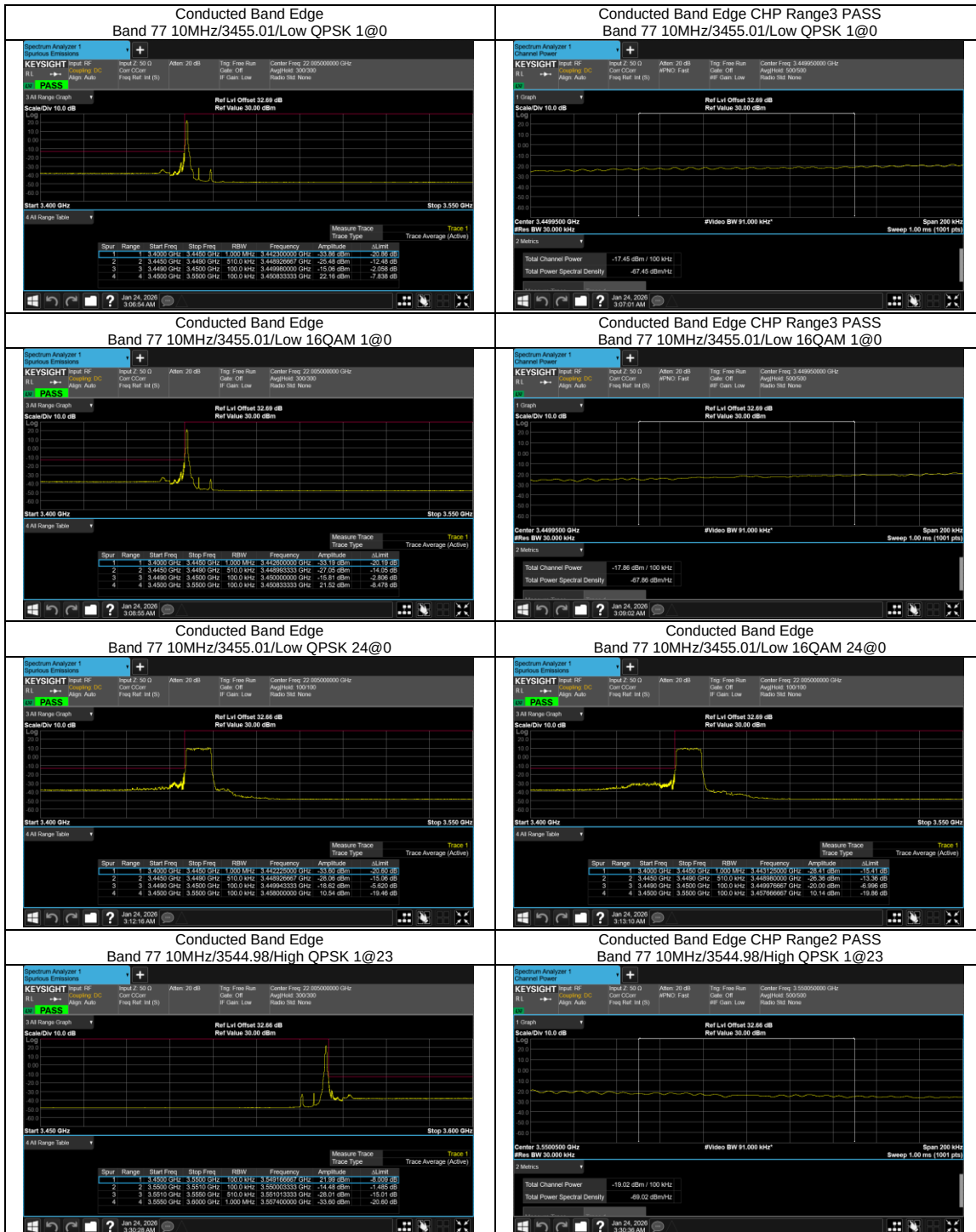
Conducted Band Edge

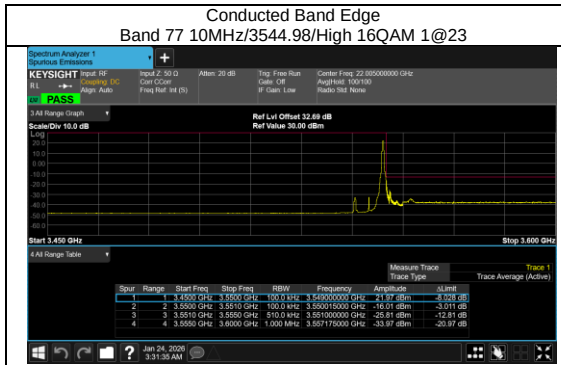
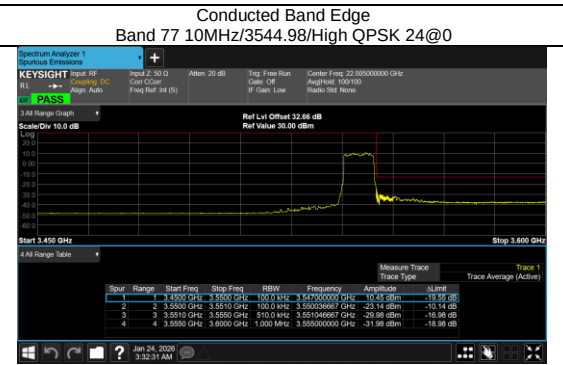
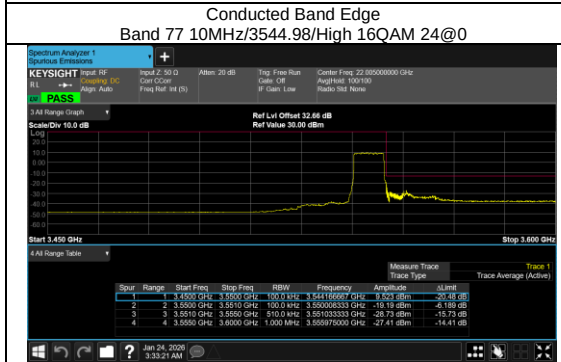
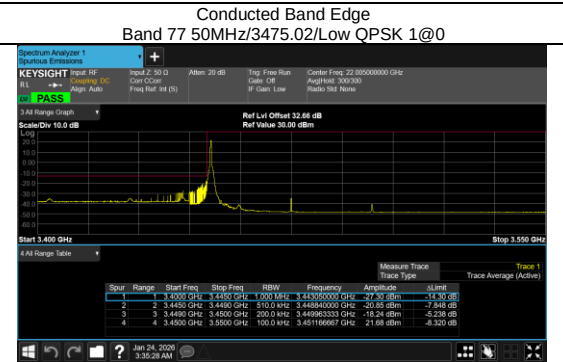
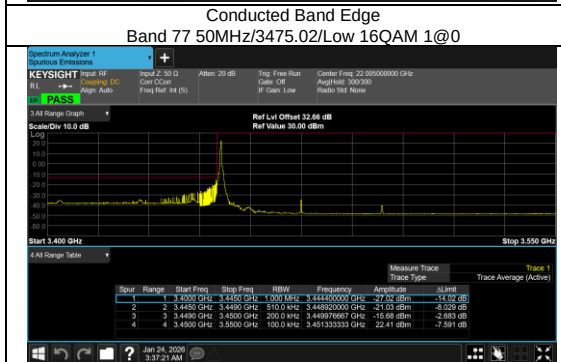
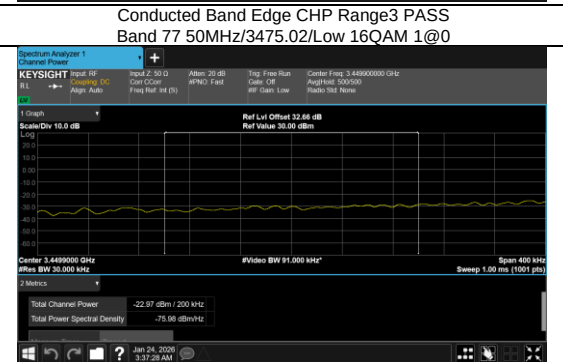
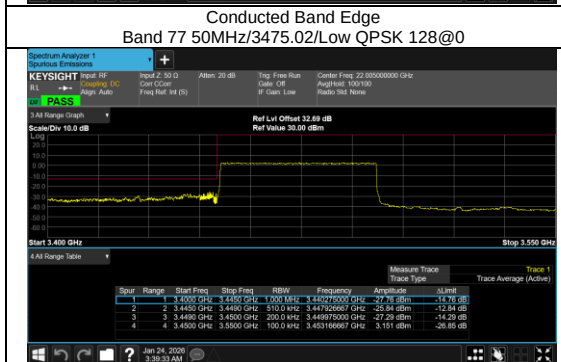
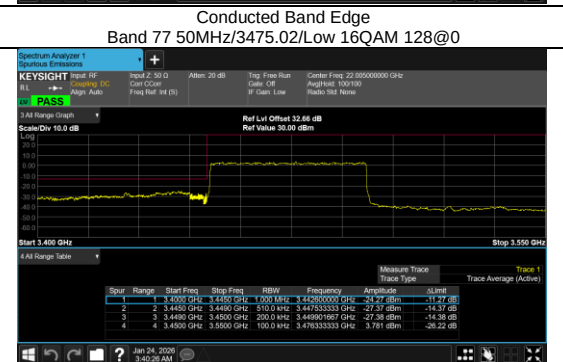
Test Result

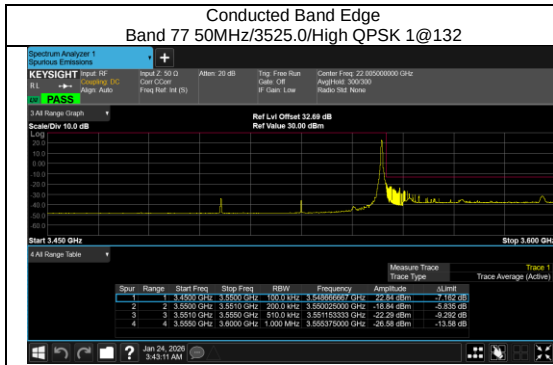
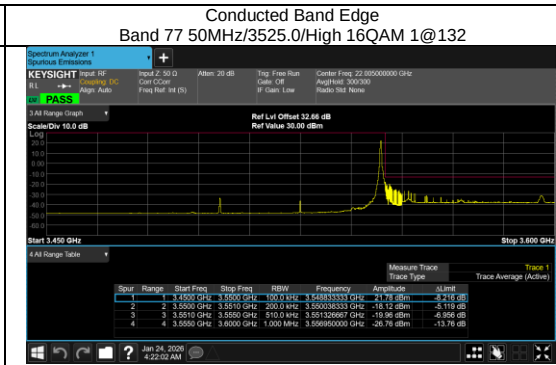
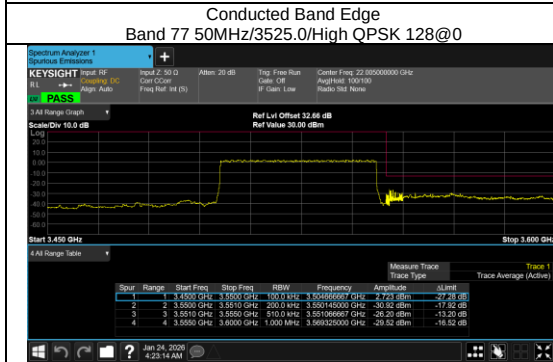
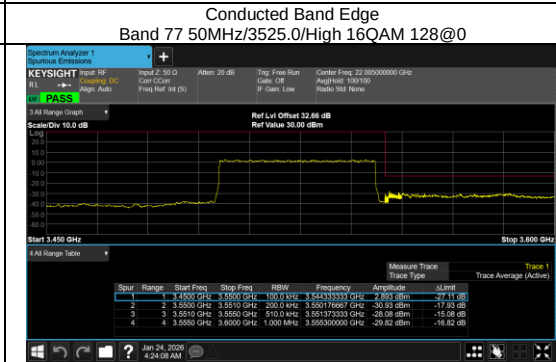
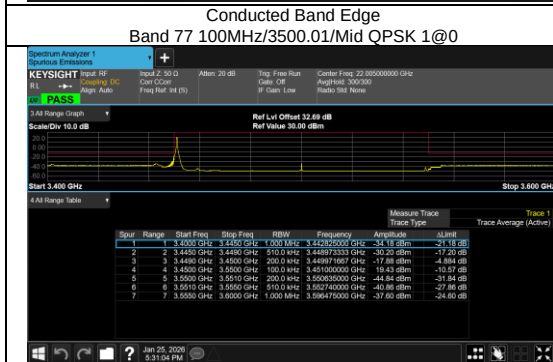
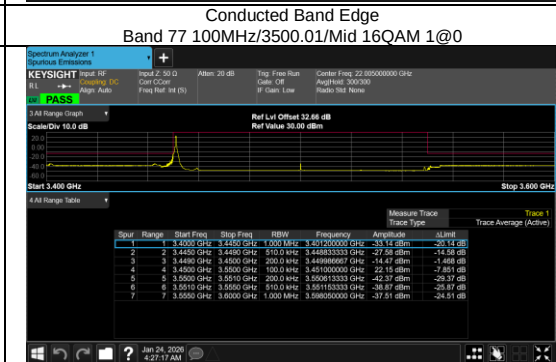
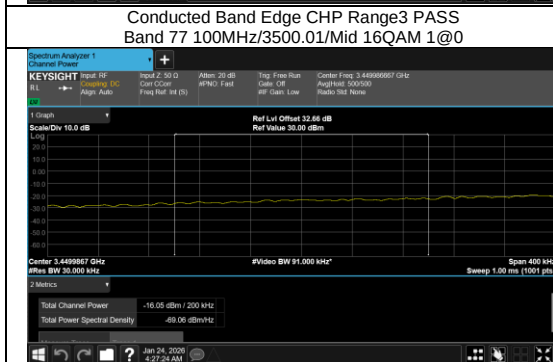
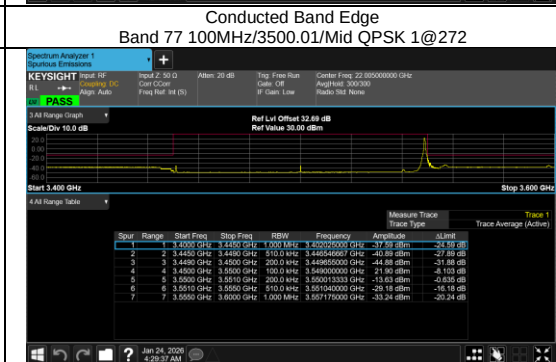
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	10	630334	3455.01	CP-OFDM 16QAM	1@0	See graph	PASS
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	See graph	PASS
77	30	10	630334	3455.01	CP-OFDM 16QAM	24@0	See graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	See graph	PASS
77	30	10	636332	3544.98	CP-OFDM 16QAM	1@23	See graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	See graph	PASS
77	30	10	636332	3544.98	CP-OFDM 16QAM	24@0	See graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	631668	3475.02	CP-OFDM 16QAM	1@0	See graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	128@0	See graph	PASS
77	30	50	631668	3475.02	CP-OFDM 16QAM	128@0	See graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@132	See graph	PASS
77	30	50	635000	3525.0	CP-OFDM 16QAM	1@132	See graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	128@0	See graph	PASS
77	30	50	635000	3525.0	CP-OFDM 16QAM	128@0	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16QAM	1@0	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16QAM	1@272	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	270@0	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16QAM	270@0	See graph	PASS



Test Graphs











FR1 N77_MIMO-ANT8

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0025	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0047	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0054	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0000	PASS	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0024	PASS	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0002	PASS	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0036	PASS	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0032	PASS	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0050	PASS	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0012	PASS	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0058	PASS	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0000	PASS	50℃



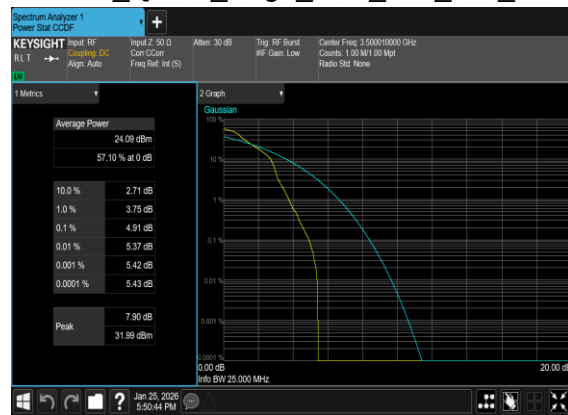
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	4.58	13	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	4.91	13	PASS
77	30	20	633334	3500.01	CP-OFDM 16QAM	51@0	5.68	13	PASS
77	30	20	633334	3500.01	CP-OFDM 16QAM	1@0	5.85	13	PASS

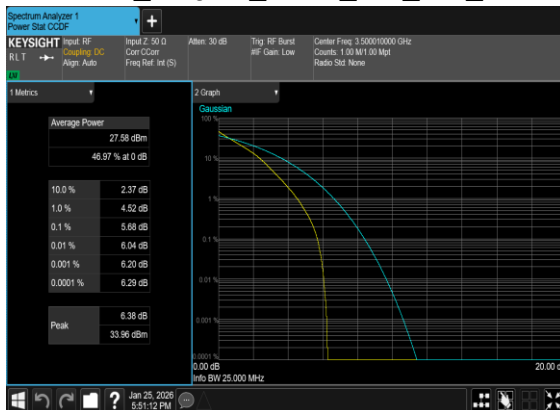
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-
OFDM_16QAM_Outer_Full_Mid_CH



N77(20M)_CP-
OFDM_16QAM_Edge_1RB_Left_Mid_CH



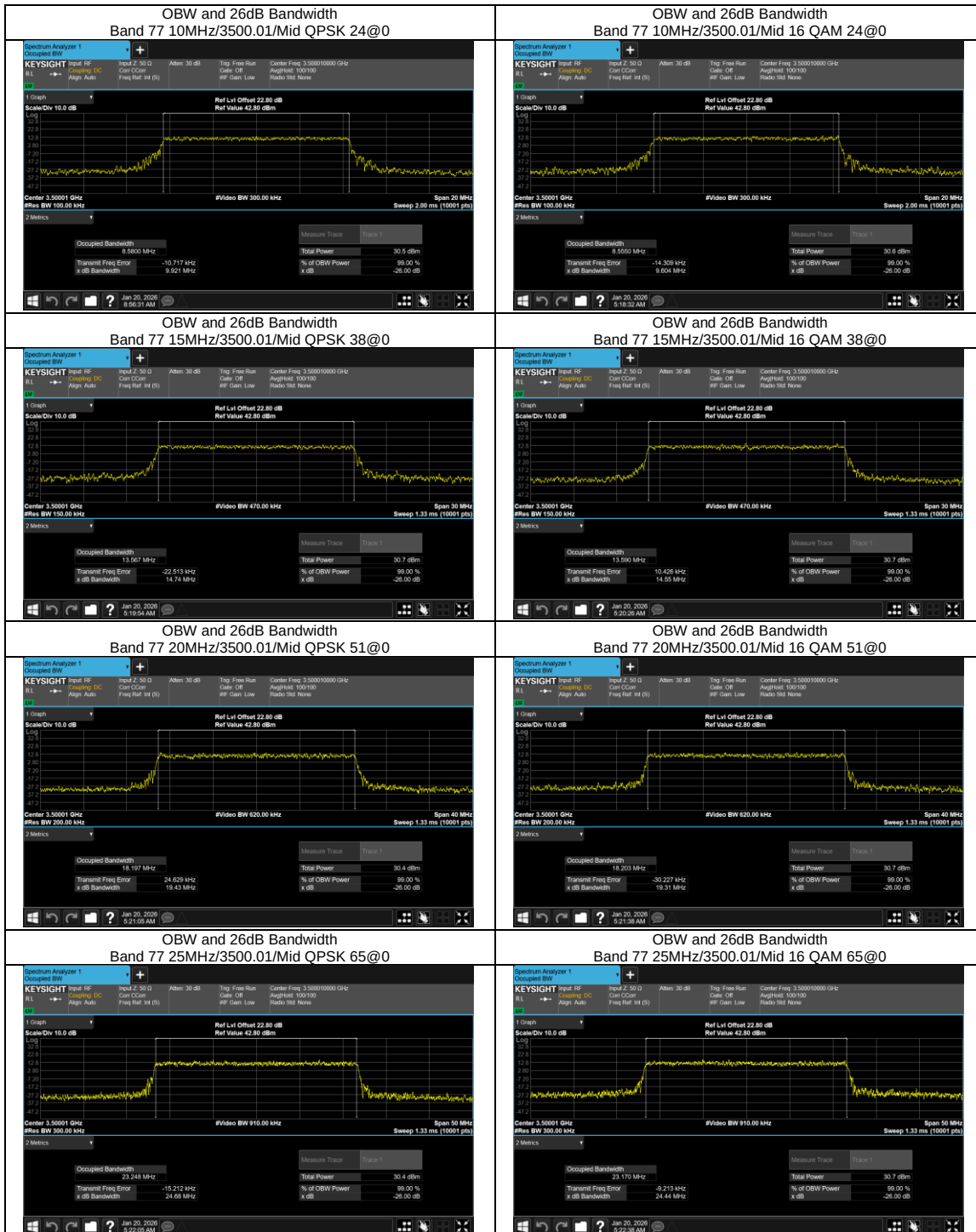


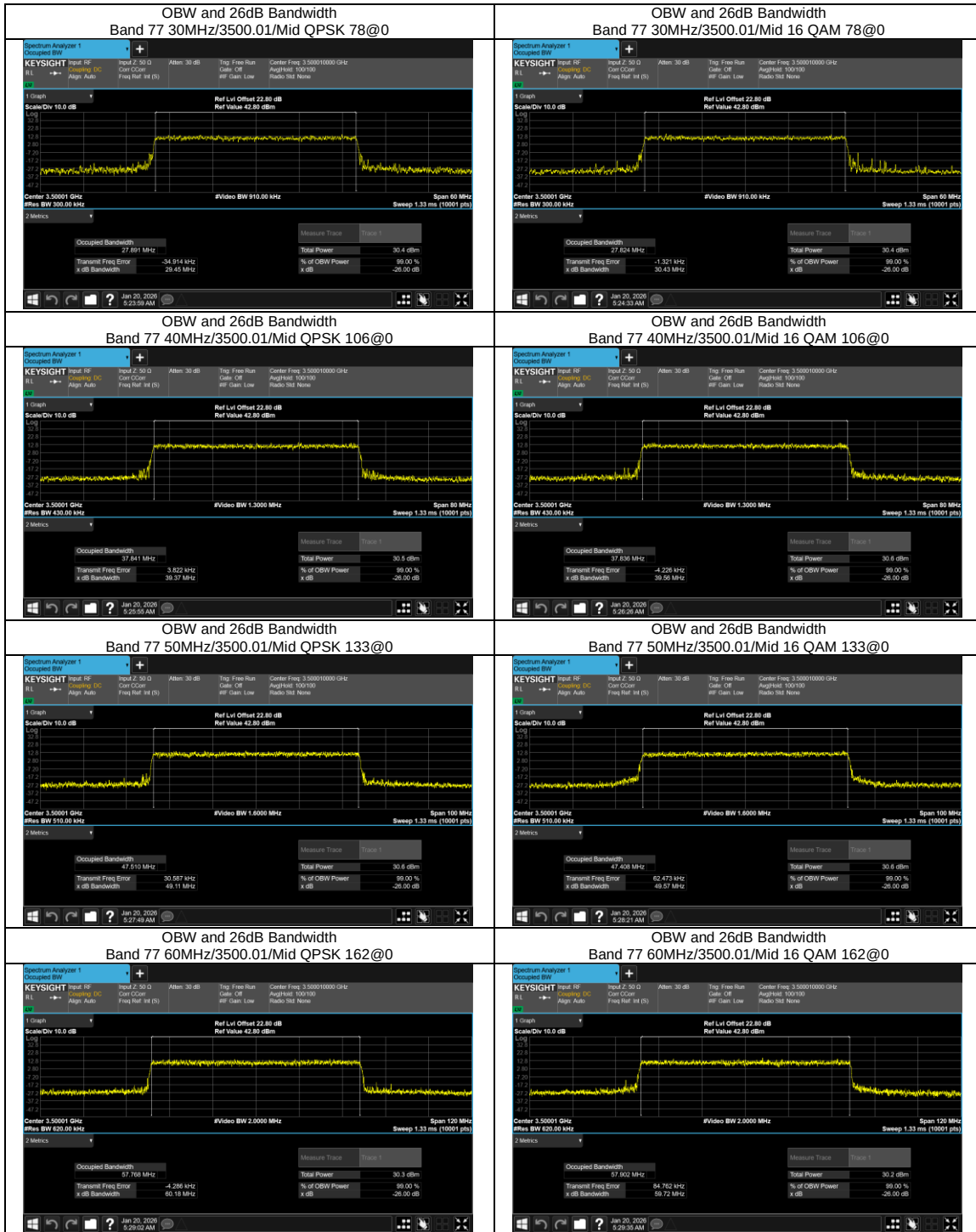
Occupied Bandwidth

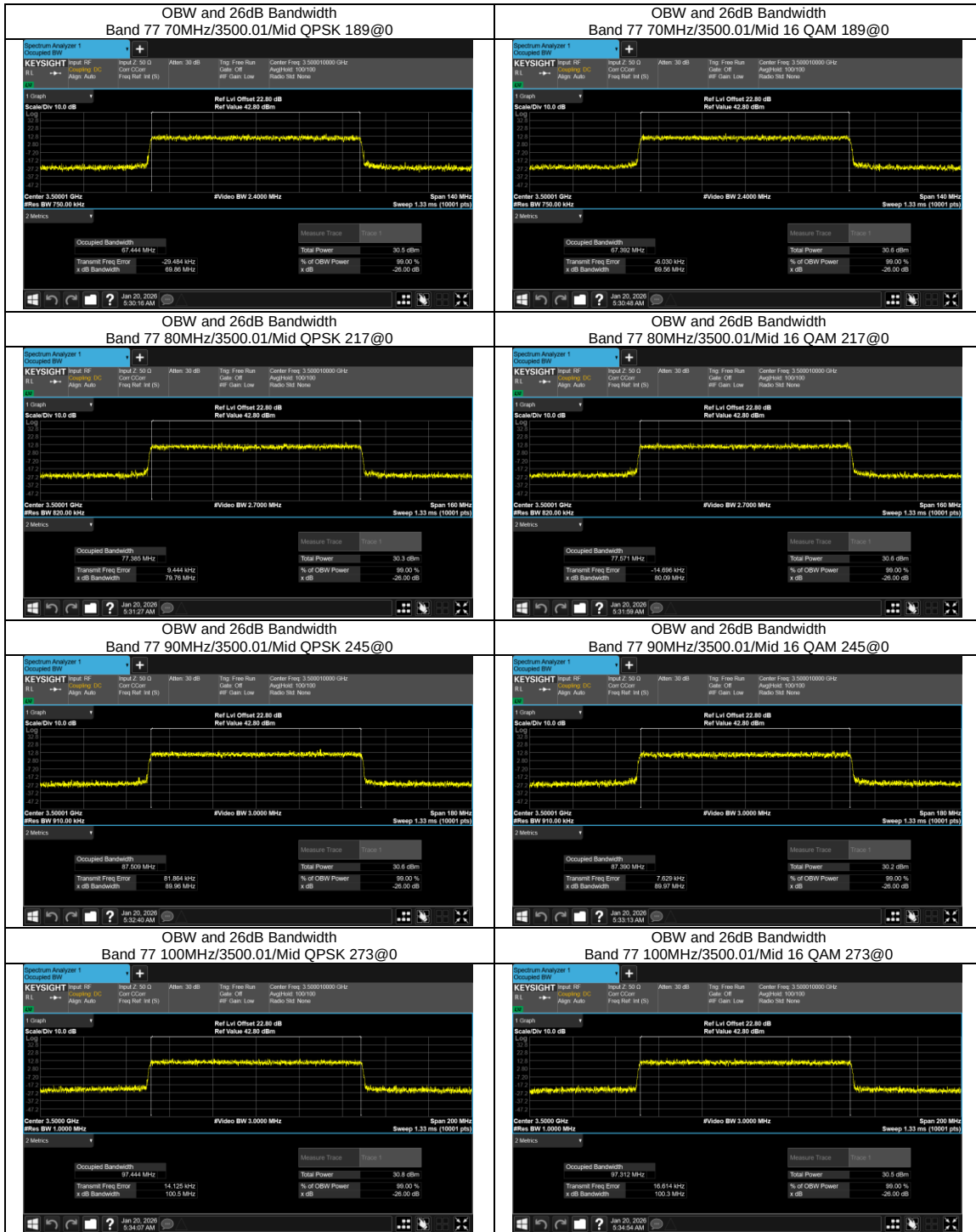
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.58	9.921
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.55	9.604
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.57	14.74
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.59	14.55
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.2	19.43
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.2	19.31
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.25	24.68
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.17	24.44
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.89	29.45
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.82	30.43
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.84	39.37
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.84	39.56
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.51	49.11
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.41	49.57
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.77	60.18
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.9	59.72
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.44	69.86
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.39	69.56
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.38	79.76
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.57	80.09
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.51	89.96
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.39	89.97
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.44	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.31	100.3

Test Graphs









Conducted Spurious Emissions

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	10	630334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	See graph	---
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	See graph	---
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	See graph	---
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	See graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	See graph	---
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	See graph	PASS



Test Graphs

