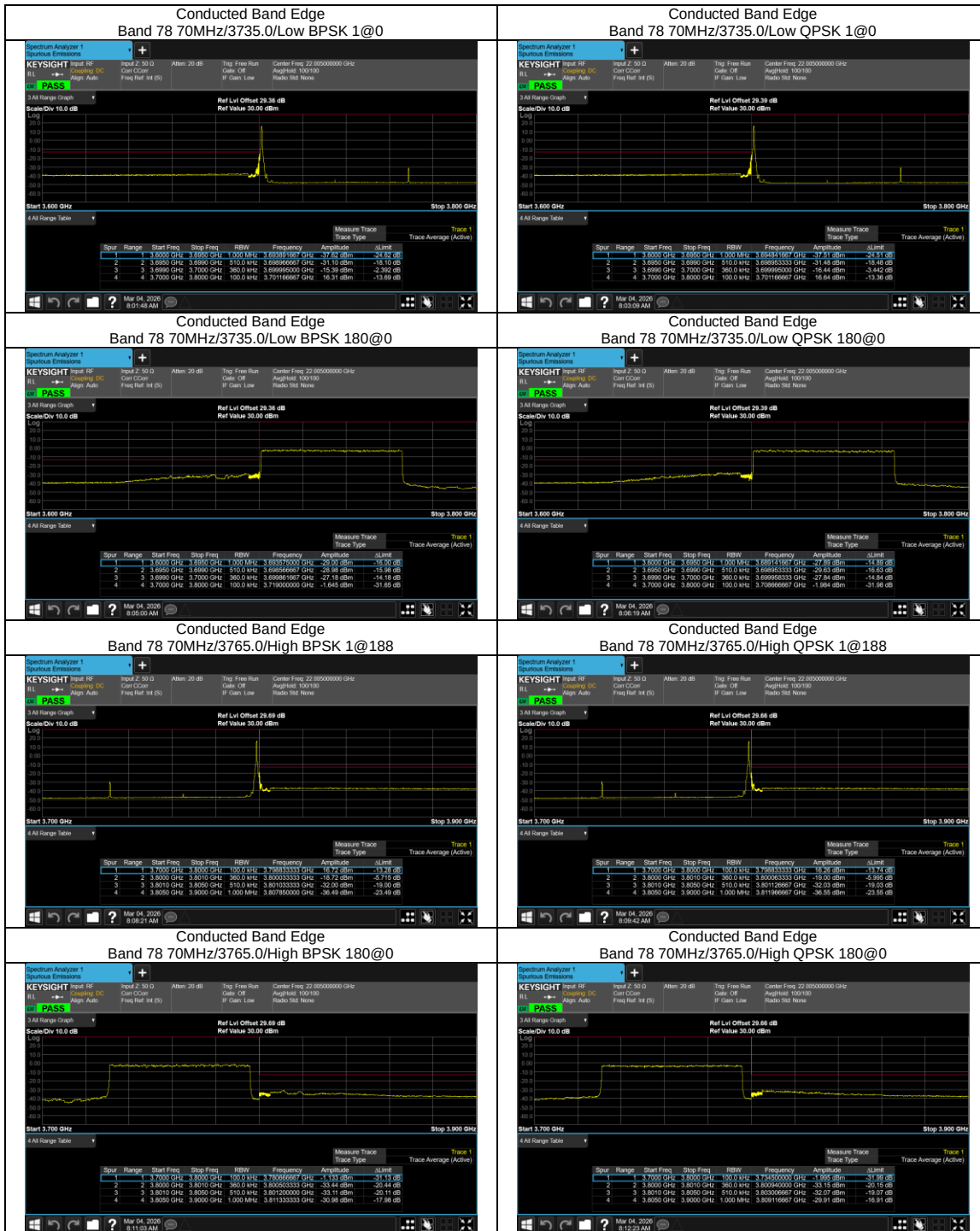
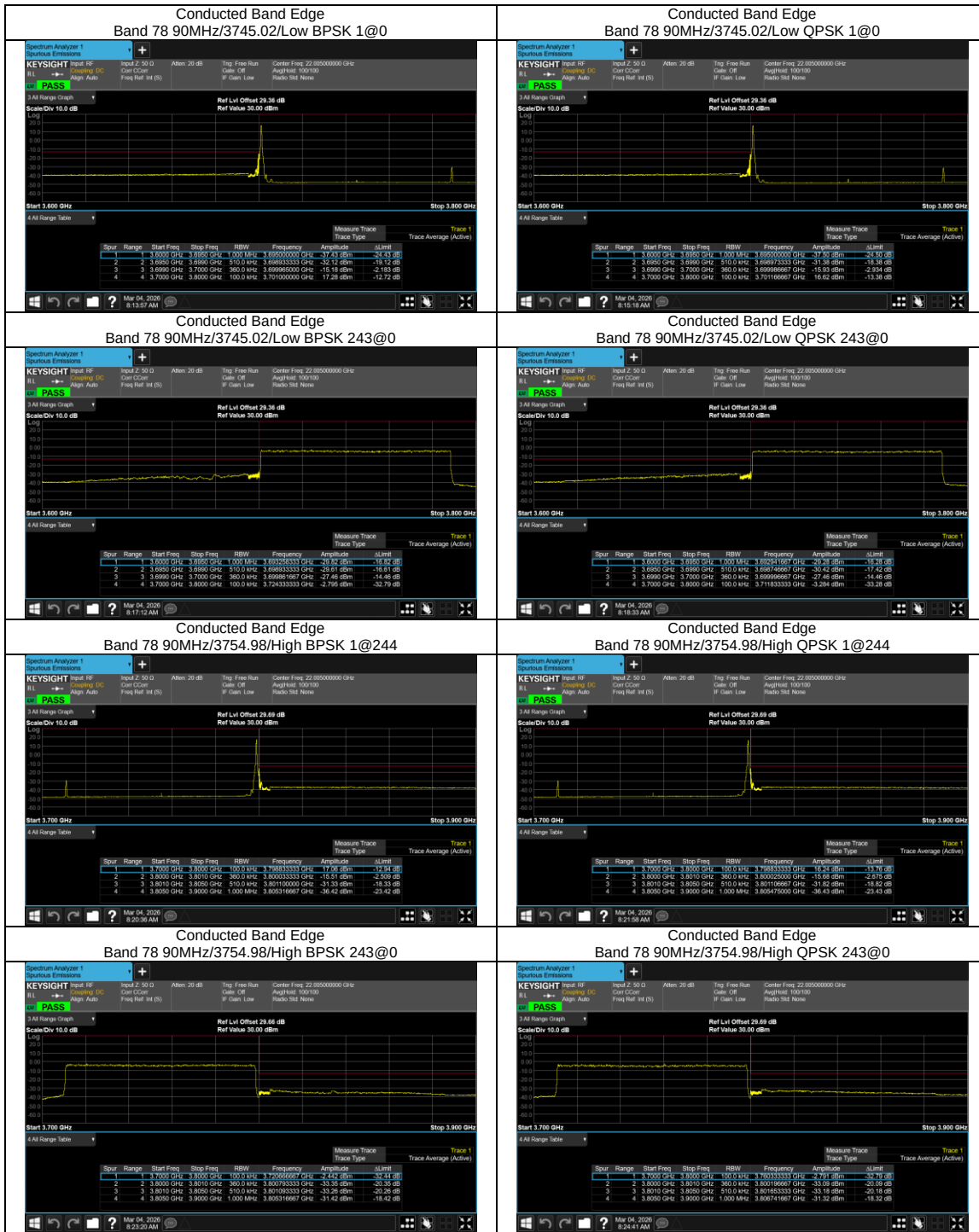








FR1 N78 MIMO_ANT7+ANT5

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= -0.4 dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT5 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	22.53	22.31	25.43	25.03	0.3185
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	21.87	21.74	24.82	24.42	0.2764
78	30	20	647334	3710.01	CP-OFDM 64 QAM	1@1	20.50	20.72	23.62	23.22	0.2100
78	30	20	650000	3750	CP-OFDM QPSK	1@1	22.21	21.87	25.05	24.65	0.2920
78	30	20	650000	3750	CP-OFDM 16 QAM	1@1	21.72	21.67	24.71	24.31	0.2695
78	30	20	650000	3750	CP-OFDM 64 QAM	1@1	20.52	19.89	23.23	22.83	0.1917
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	22.51	21.96	25.25	24.85	0.3058
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	21.87	21.57	24.73	24.33	0.2712
78	30	20	652666	3789.99	CP-OFDM 64 QAM	1@1	20.42	19.69	23.08	22.68	0.1854
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	22.36	22.48	25.43	25.03	0.3185
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	21.71	21.90	24.82	24.42	0.2765
78	30	30	647668	3715.02	CP-OFDM 64 QAM	1@1	20.36	20.09	23.24	22.84	0.1922
78	30	30	650000	3750	CP-OFDM QPSK	1@1	22.18	21.76	24.99	24.59	0.2874
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	21.59	21.00	24.32	23.92	0.2463
78	30	30	650000	3750	CP-OFDM 64 QAM	1@1	20.23	19.58	22.93	22.53	0.1790
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	22.62	21.62	25.16	24.76	0.2992
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	21.92	21.11	24.54	24.14	0.2597
78	30	30	652332	3784.98	CP-OFDM 64 QAM	1@1	20.64	19.58	23.15	22.75	0.1885
78	30	40	648000	3720	CP-OFDM QPSK	1@1	22.43	22.29	25.37	24.97	0.3141
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	21.79	22.16	24.99	24.59	0.2877
78	30	40	648000	3720	CP-OFDM 64 QAM	1@1	20.48	20.19	23.35	22.95	0.1971
78	30	40	650000	3750	CP-OFDM QPSK	1@1	22.18	21.86	25.03	24.63	0.2906
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	21.61	21.52	24.58	24.18	0.2615
78	30	40	650000	3750	CP-OFDM 64 QAM	1@1	20.07	19.80	22.95	22.55	0.1798
78	30	40	652000	3780	CP-OFDM QPSK	1@1	22.58	22.32	25.46	25.06	0.3208
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	22.44	21.45	24.98	24.58	0.2873
78	30	40	652000	3780	CP-OFDM 64 QAM	1@1	20.74	20.04	23.41	23.01	0.2002



78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	22.48	22.13	25.32	24.92	0.3104
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	21.75	21.60	24.69	24.29	0.2683
78	30	50	648334	3725.01	CP-OFDM 64 QAM	1@1	20.31	20.55	23.44	23.04	0.2015
78	30	50	650000	3750	CP-OFDM QPSK	1@1	22.09	21.73	24.92	24.52	0.2834
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	21.65	20.94	24.32	23.92	0.2466
78	30	50	650000	3750	CP-OFDM 64 QAM	1@1	20.07	19.53	22.82	22.42	0.1745
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	22.17	22.06	25.13	24.73	0.2969
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	21.55	21.38	24.48	24.08	0.2556
78	30	50	651666	3774.99	CP-OFDM 64 QAM	1@1	20.61	19.95	23.30	22.90	0.1951
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	22.25	22.13	25.20	24.80	0.3020
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	21.82	21.48	24.66	24.26	0.2669
78	30	60	648668	3730.02	CP-OFDM 64 QAM	1@1	20.40	20.51	23.47	23.07	0.2026
78	30	60	650000	3750	CP-OFDM QPSK	1@1	22.26	21.51	24.91	24.51	0.2826
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	21.41	20.89	24.17	23.77	0.2381
78	30	60	650000	3750	CP-OFDM 64 QAM	1@1	20.13	19.45	22.81	22.41	0.1743
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	21.95	21.97	24.97	24.57	0.2864
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	21.35	21.18	24.28	23.88	0.2441
78	30	60	651332	3769.98	CP-OFDM 64 QAM	1@1	20.34	19.75	23.07	22.67	0.1847
78	30	70	649000	3735	CP-OFDM QPSK	1@1	22.45	22.10	25.29	24.89	0.3082
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	21.63	21.51	24.58	24.18	0.2619
78	30	70	649000	3735	CP-OFDM 64 QAM	1@1	20.23	20.05	23.15	22.75	0.1884
78	30	70	650000	3750	CP-OFDM QPSK	1@1	22.09	21.63	24.88	24.48	0.2803
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	21.45	20.98	24.23	23.83	0.2416
78	30	70	650000	3750	CP-OFDM 64 QAM	1@1	20.24	19.63	22.96	22.56	0.1801
78	30	70	651000	3765	CP-OFDM QPSK	1@1	22.26	21.54	24.93	24.53	0.2835
78	30	70	651000	3765	CP-OFDM 16 QAM	1@1	21.35	20.91	24.15	23.75	0.2369
78	30	70	651000	3765	CP-OFDM 64 QAM	1@1	20.03	19.40	22.74	22.34	0.1713
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	22.16	22.04	25.11	24.71	0.2958
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	21.77	21.51	24.65	24.25	0.2662
78	30	80	649334	3740.01	CP-OFDM 64 QAM	1@1	20.29	20.07	23.19	22.79	0.1902
78	30	80	650000	3750	CP-OFDM QPSK	1@1	22.14	21.68	24.93	24.53	0.2836



78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	21.53	21.18	24.37	23.97	0.2494
78	30	80	650000	3750	CP-OFDM 64 QAM	1@1	20.53	19.72	23.15	22.75	0.1885
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	22.14	21.51	24.85	24.45	0.2784
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	21.48	21.29	24.40	24.00	0.2510
78	30	80	650666	3759.99	CP-OFDM 64 QAM	1@1	20.10	19.55	22.84	22.44	0.1755
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	22.13	22.04	25.10	24.70	0.2948
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	21.76	21.50	24.64	24.24	0.2656
78	30	90	649668	3745.02	CP-OFDM 64 QAM	1@1	20.28	20.03	23.17	22.77	0.1891
78	30	90	650000	3750	CP-OFDM QPSK	1@1	22.14	21.89	25.03	24.63	0.2902
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	21.51	21.27	24.40	24.00	0.2513
78	30	90	650000	3750	CP-OFDM 64 QAM	1@1	20.09	19.83	22.97	22.57	0.1808
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	22.22	22.03	25.14	24.74	0.2976
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	21.53	21.12	24.34	23.94	0.2477
78	30	90	650332	3754.98	CP-OFDM 64 QAM	1@1	20.17	20.22	23.21	22.81	0.1908
78	30	100	650000	3750	CP-OFDM QPSK	1@1	22.09	22.08	25.10	24.70	0.2948
78	30	100	650000	3750	CP-OFDM QPSK	1@0	19.95	19.78	22.88	22.48	0.1769
78	30	100	650000	3750	CP-OFDM QPSK	1@271	22.08	21.62	24.87	24.47	0.2797
78	30	100	650000	3750	CP-OFDM QPSK	2@0	19.97	19.87	22.93	22.53	0.1791
78	30	100	650000	3750	CP-OFDM QPSK	137@68	22.17	21.75	24.98	24.58	0.2868
78	30	100	650000	3750	CP-OFDM QPSK	2@271	19.87	19.67	22.78	22.38	0.1730
78	30	100	650000	3750	CP-OFDM QPSK	273@0	20.81	20.11	23.48	23.08	0.2034
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	21.86	21.41	24.65	24.25	0.2661
78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	20.22	20.00	23.12	22.72	0.1871
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	17.24	17.21	20.24	19.84	0.0963
78	30	100	650000	3750	CP-OFDM QPSK	273@0	20.54	19.99	23.28	22.88	0.1943
78	30	100	650000	3750	CP-OFDM 16 QAM	273@0	20.54	20.08	23.33	22.93	0.1962
78	30	100	650000	3750	CP-OFDM 64 QAM	273@0	20.39	19.50	22.98	22.58	0.1811
78	30	100	650000	3750	CP-OFDM 256 QAM	273@0	16.96	16.77	19.88	19.48	0.0886



FR1 N78 MIMO_ANT5

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0018	PASS	NV
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0014	PASS	LV
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0011	PASS	HV
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0000	PASS	-30°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0013	PASS	-20°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0020	PASS	-10°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0015	PASS	0°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0014	PASS	10°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0029	PASS	20°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0016	PASS	30°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0013	PASS	40°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0015	PASS	50°C



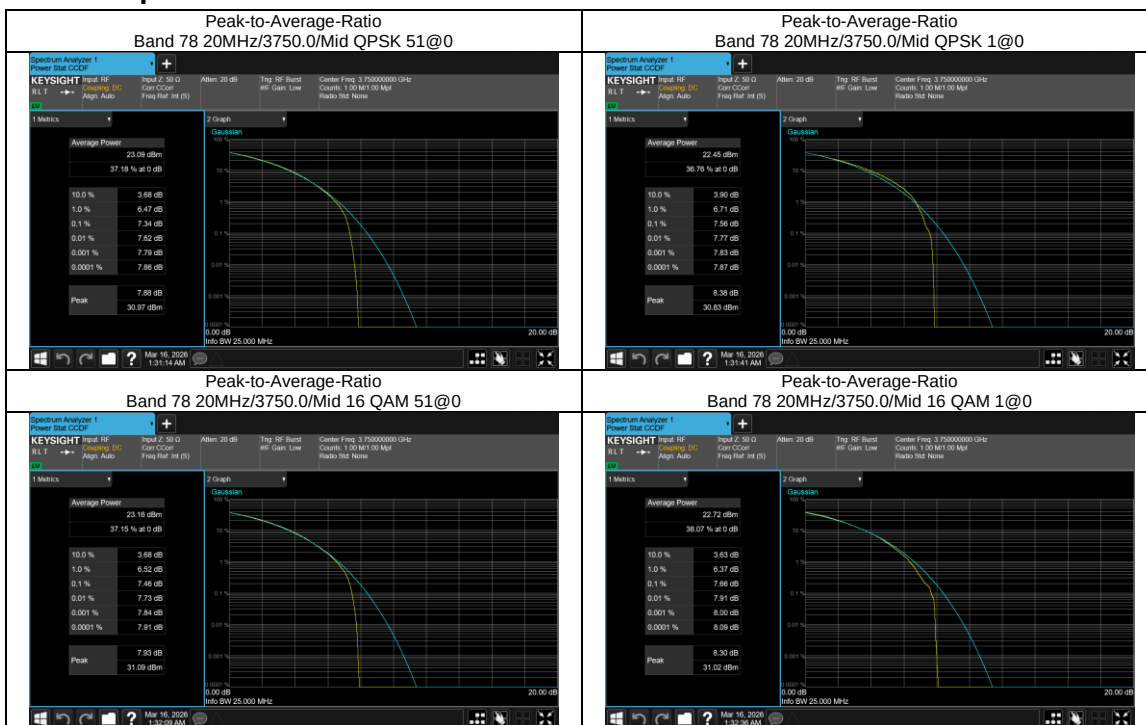
Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	7.34	13
78	30	20	650000	3750.0	CP-OFDM QPSK	1@0	7.56	13
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	7.46	13
78	30	20	650000	3750.0	CP-OFDM 16 QAM	1@0	7.66	13



Test Graphs





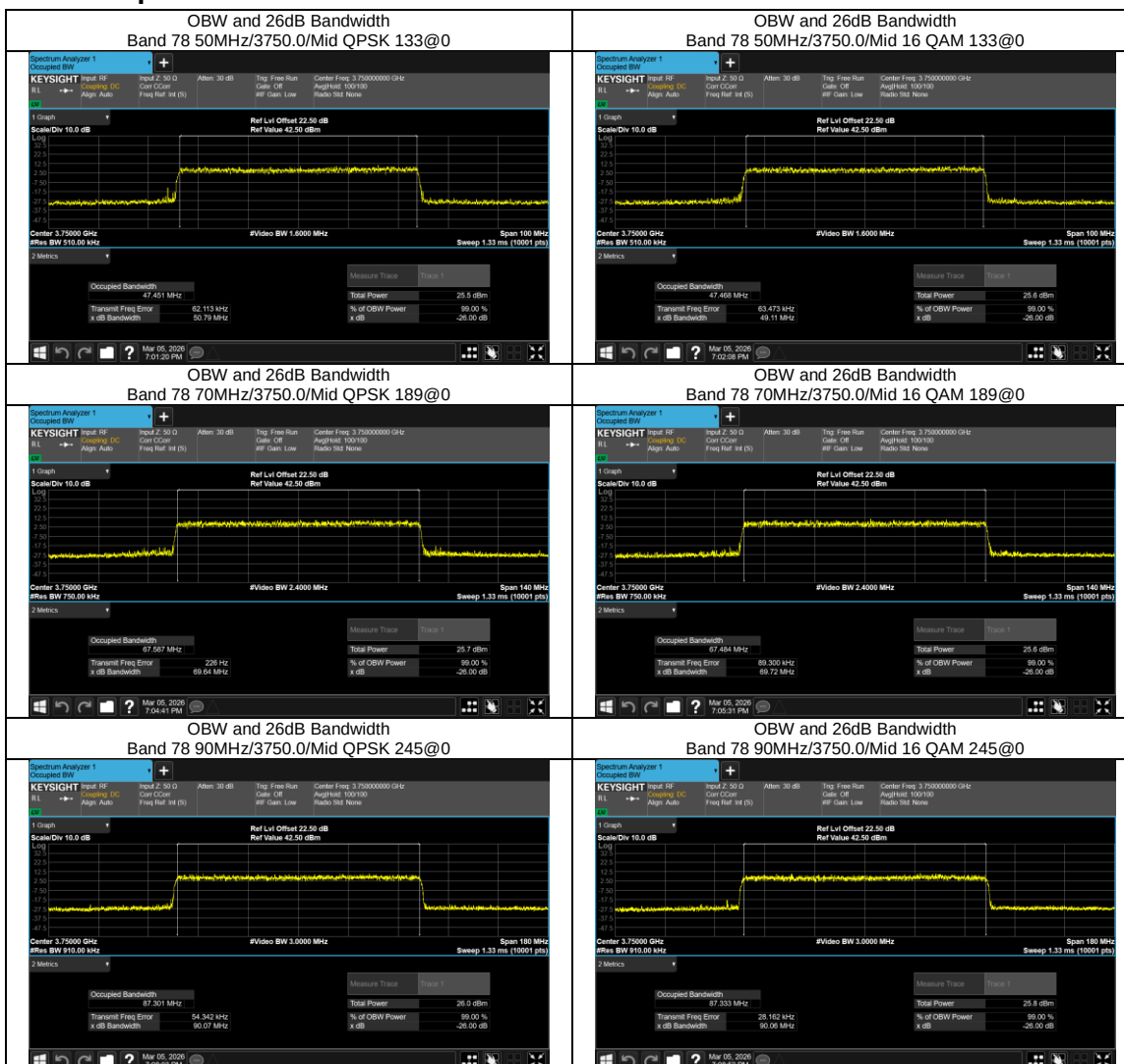
Occupied Bandwidth

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.45	50.79
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.47	49.11
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.59	69.64
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.48	69.72
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.3	90.07
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.33	90.06



Test Graphs





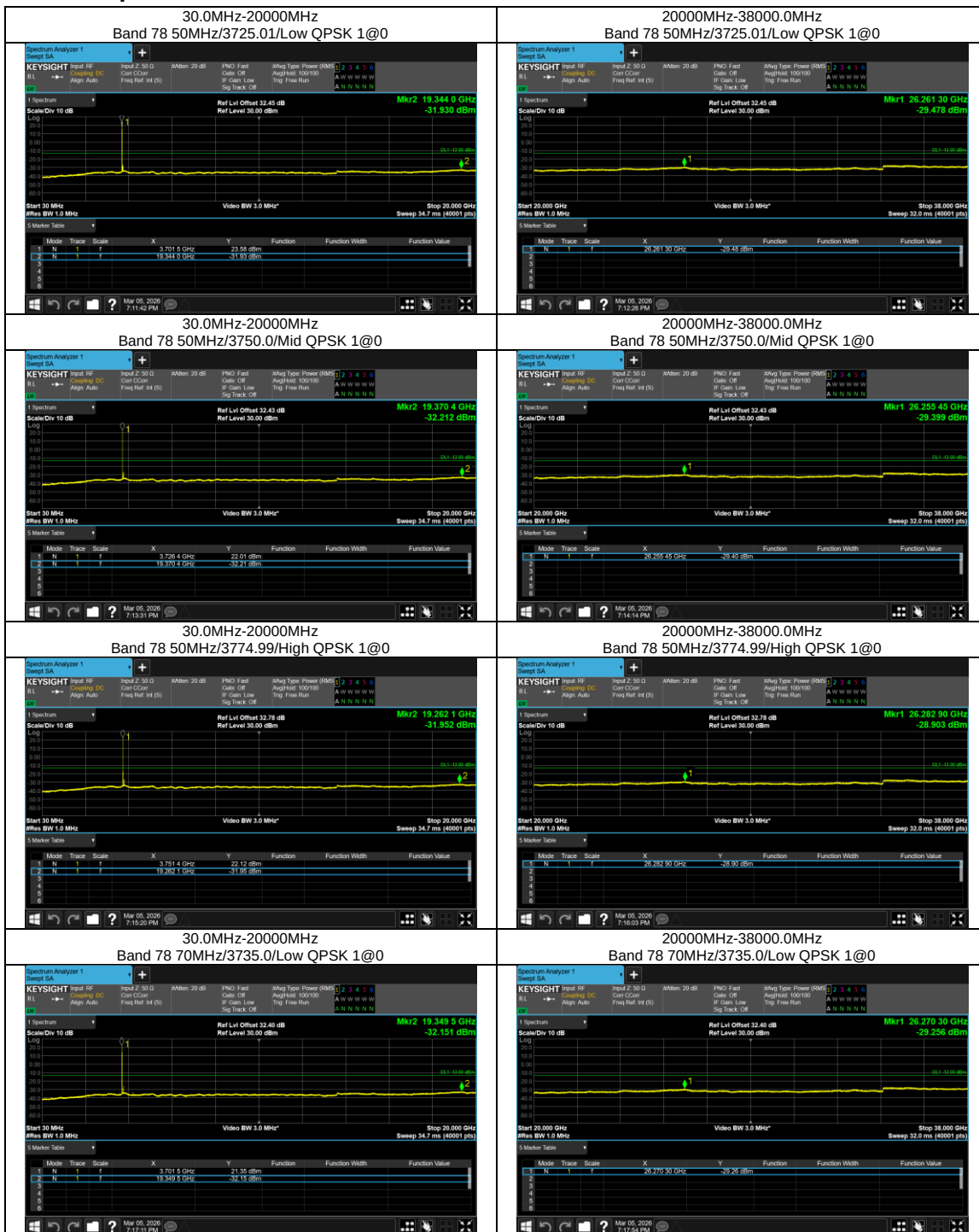
Conducted Spurious Emissions

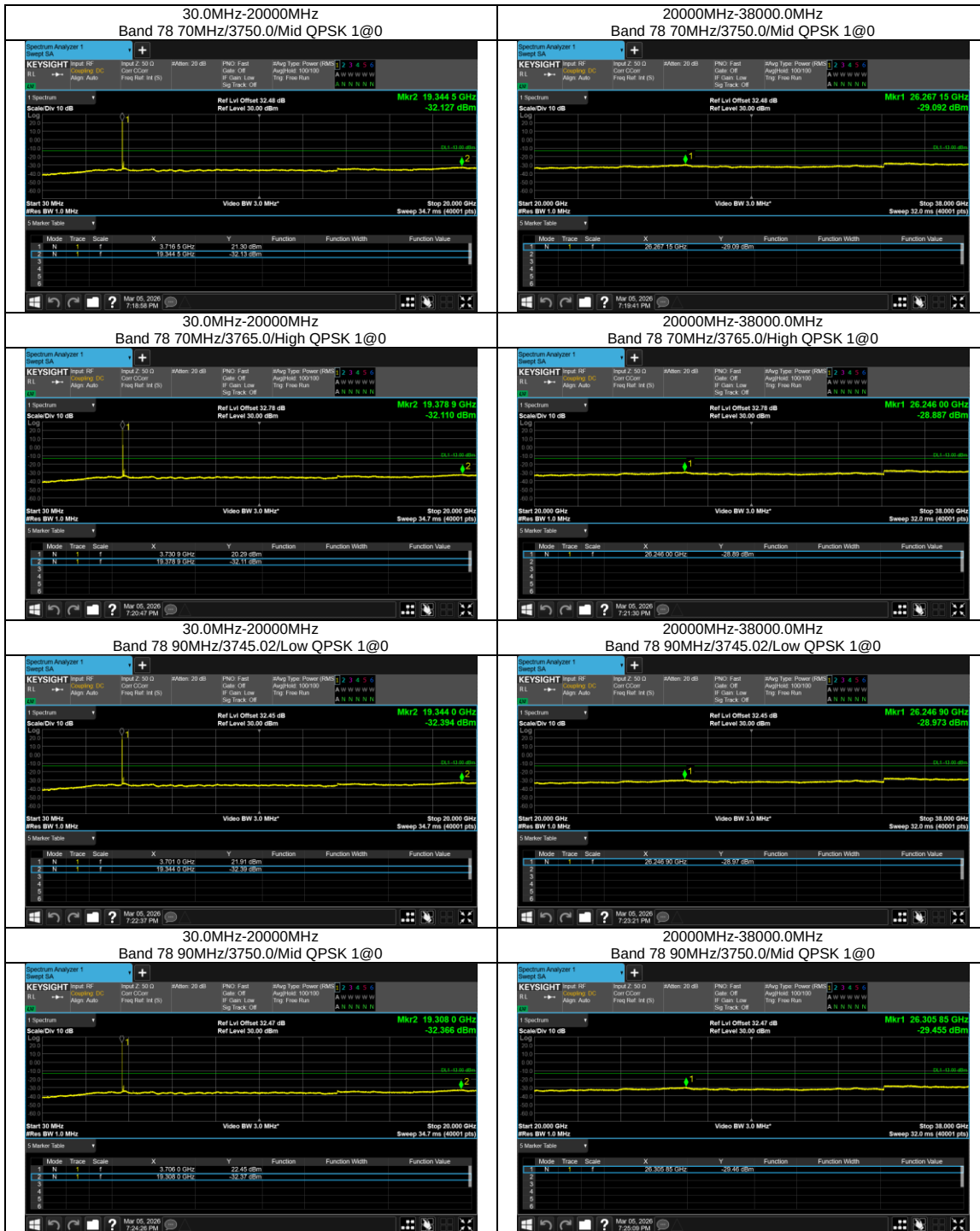
Test Result

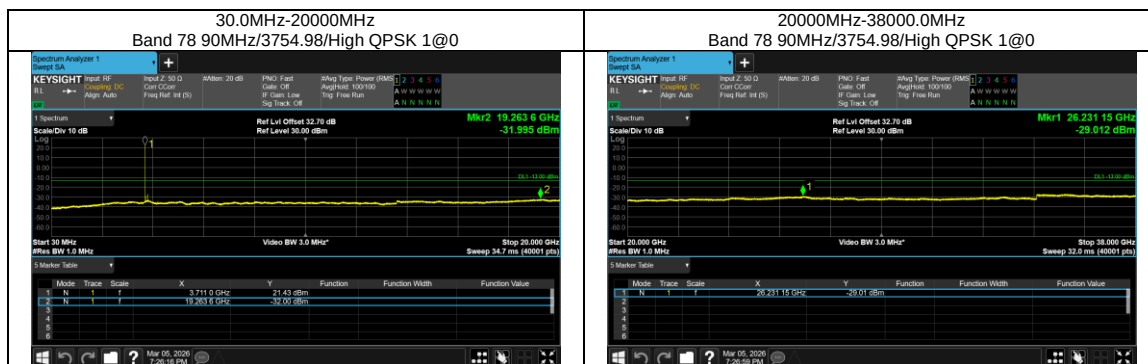
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	See graph	---
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	See graph	PASS
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	See graph	---
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	See graph	---
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	See graph	---
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	See graph	---
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	See graph	---
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	See graph	---
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	See graph	---
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	See graph	---
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	See graph	PASS



Test Graphs









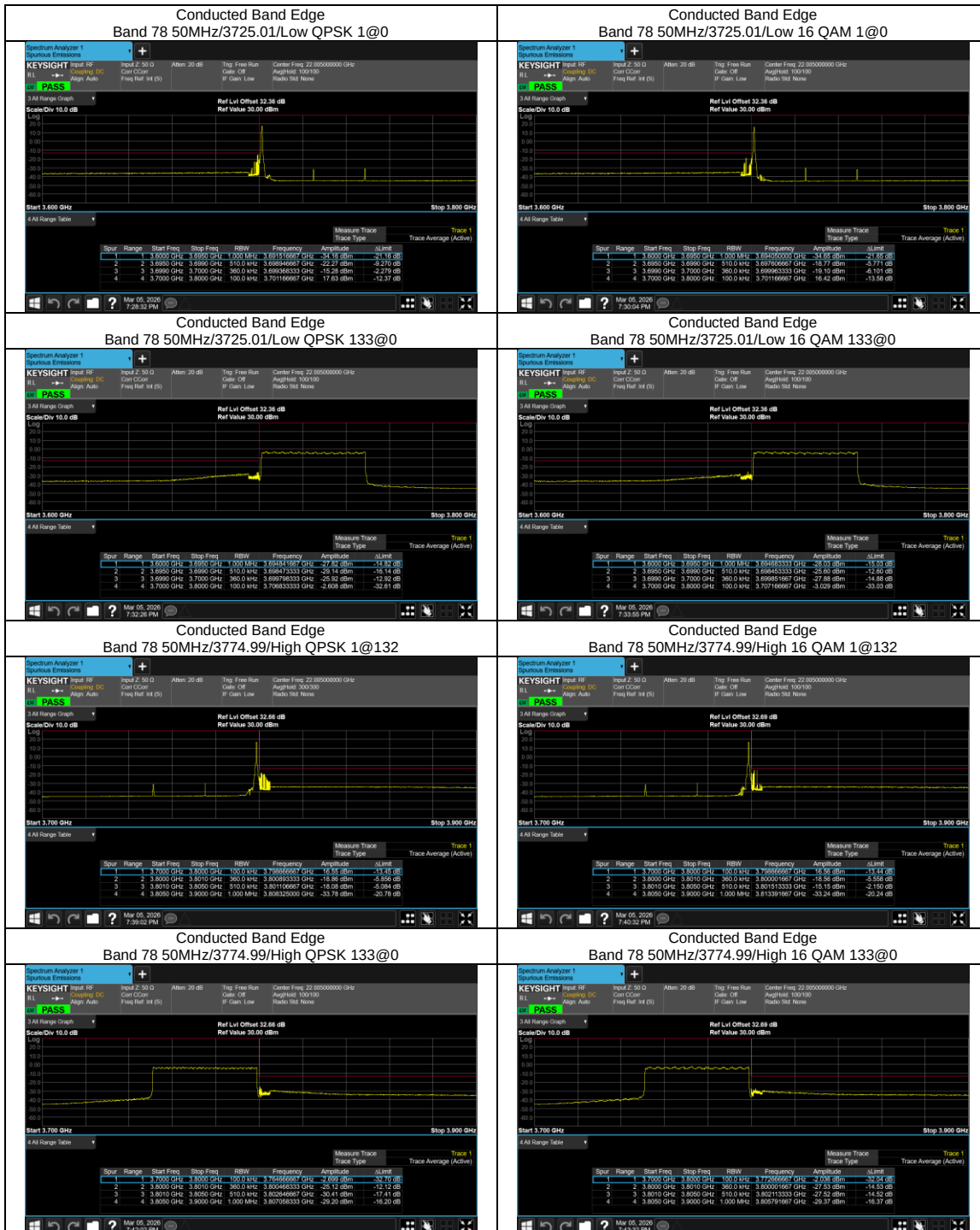
Conducted Band Edge

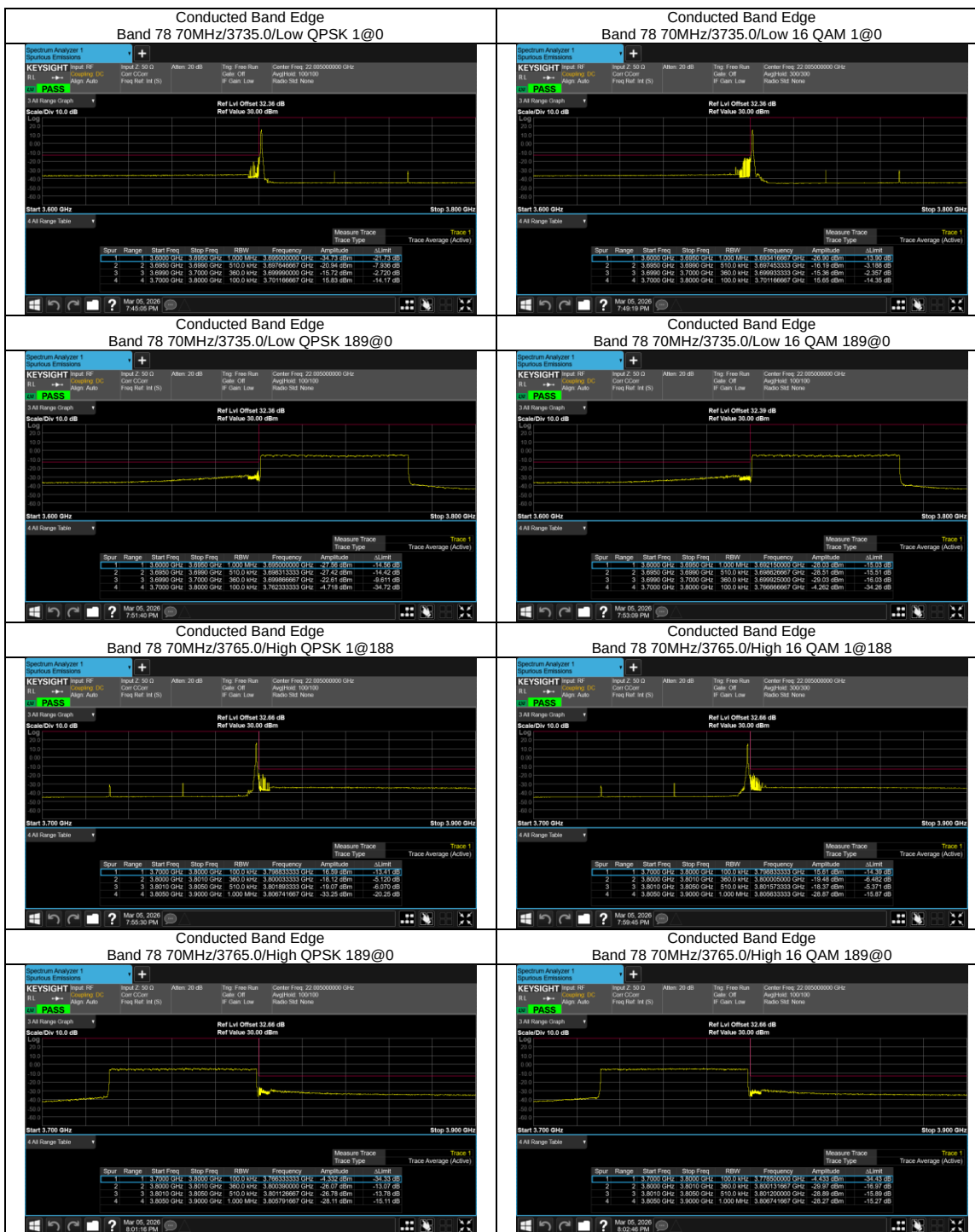
Test Result

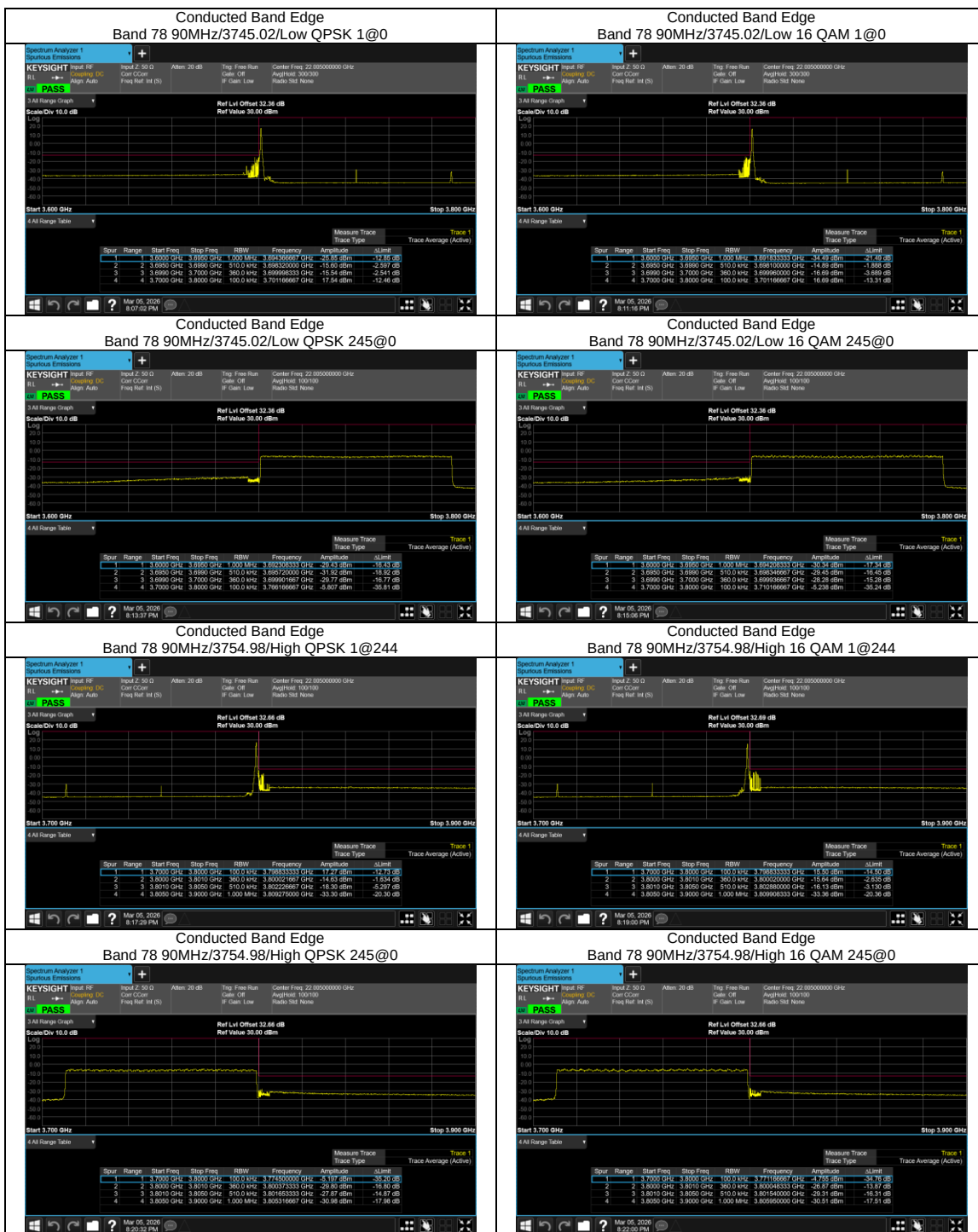
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	See graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@0	See graph	PASS
78	30	50	648334	3725.01	CP-OFDM QPSK	133@0	See graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	133@0	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@132	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@132	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	133@0	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	133@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	189@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	189@0	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@188	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@188	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	189@0	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	189@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	245@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	245@0	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@244	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@244	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	245@0	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	245@0	See graph	PASS



Test Graphs









FR1 N78 MIMO_ANT7

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0015	PASS	NV
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0014	PASS	LV
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0008	PASS	HV
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0000	PASS	-30°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0011	PASS	-20°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0023	PASS	-10°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0016	PASS	0°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0015	PASS	10°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0029	PASS	20°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0017	PASS	30°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0016	PASS	40°C
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	0.0015	PASS	50°C



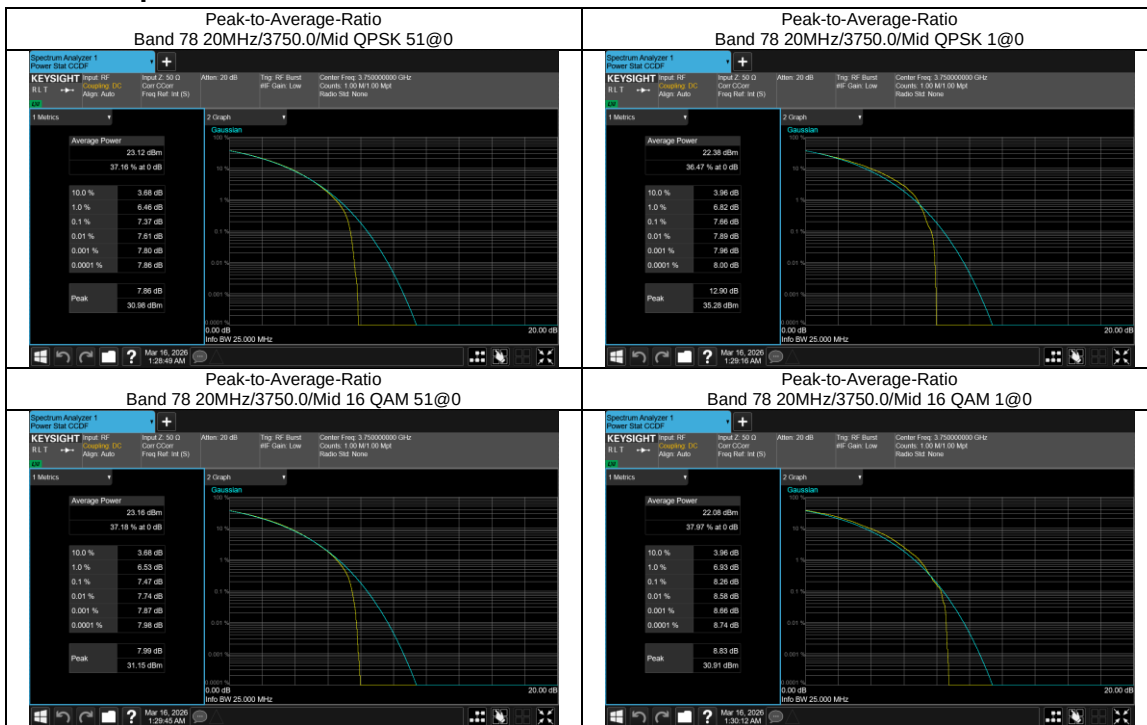
Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	7.37	13
78	30	20	650000	3750.0	CP-OFDM QPSK	1@0	7.66	13
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	7.47	13
78	30	20	650000	3750.0	CP-OFDM 16 QAM	1@0	8.26	13



Test Graphs





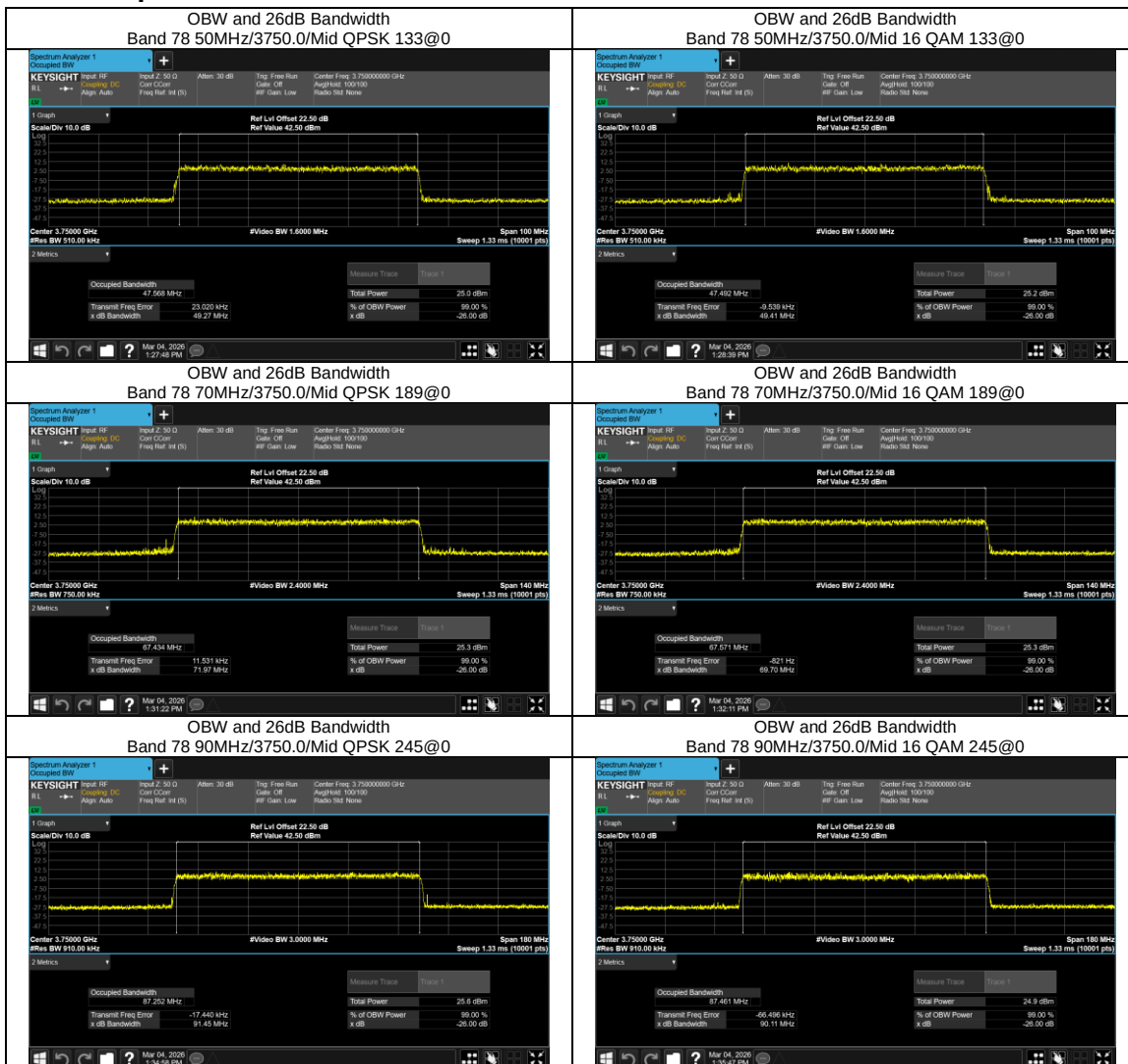
Occupied Bandwidth

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.57	49.27
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.49	49.41
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.43	71.97
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.57	69.7
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.25	91.45
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.46	90.11



Test Graphs





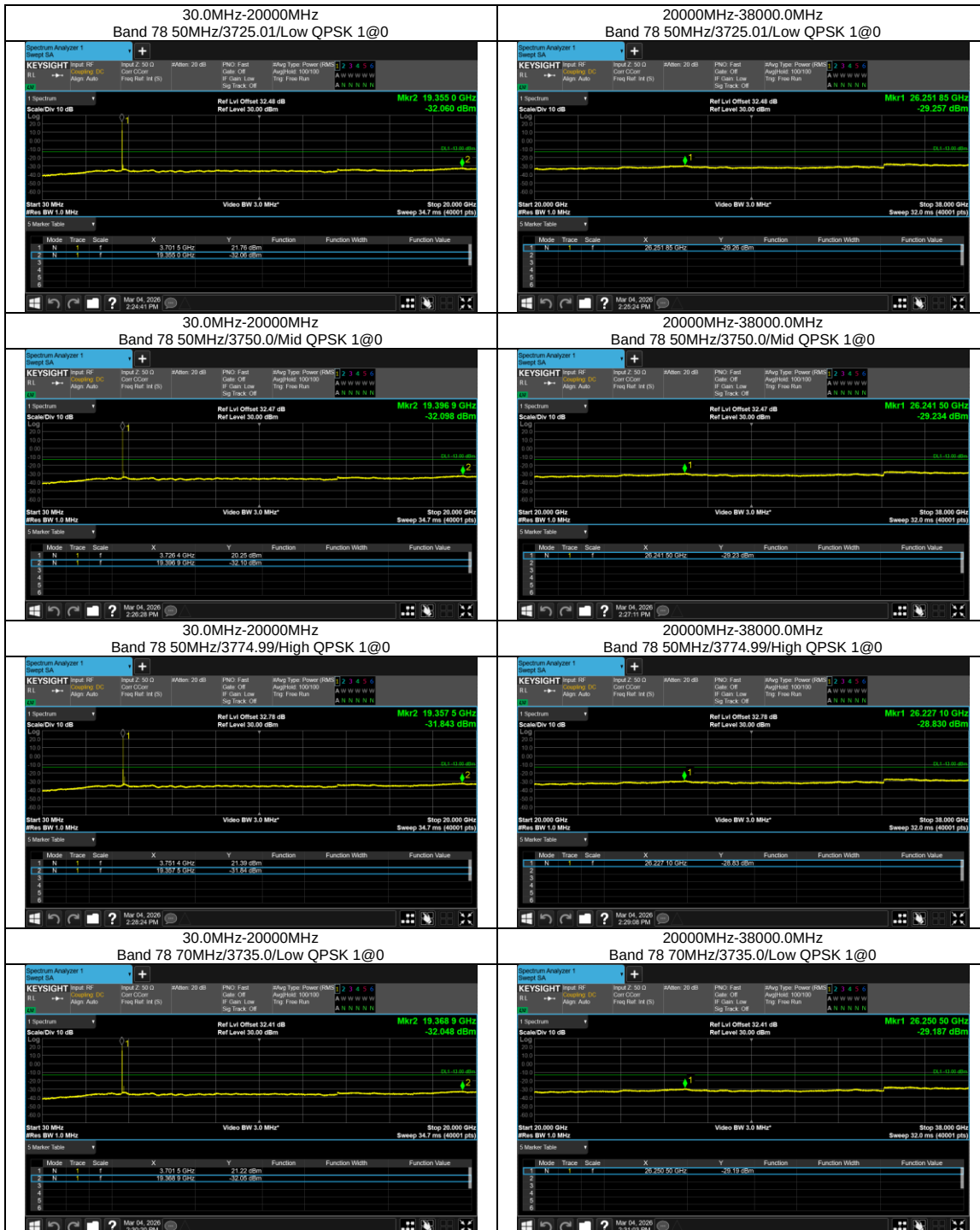
Conducted Spurious Emissions

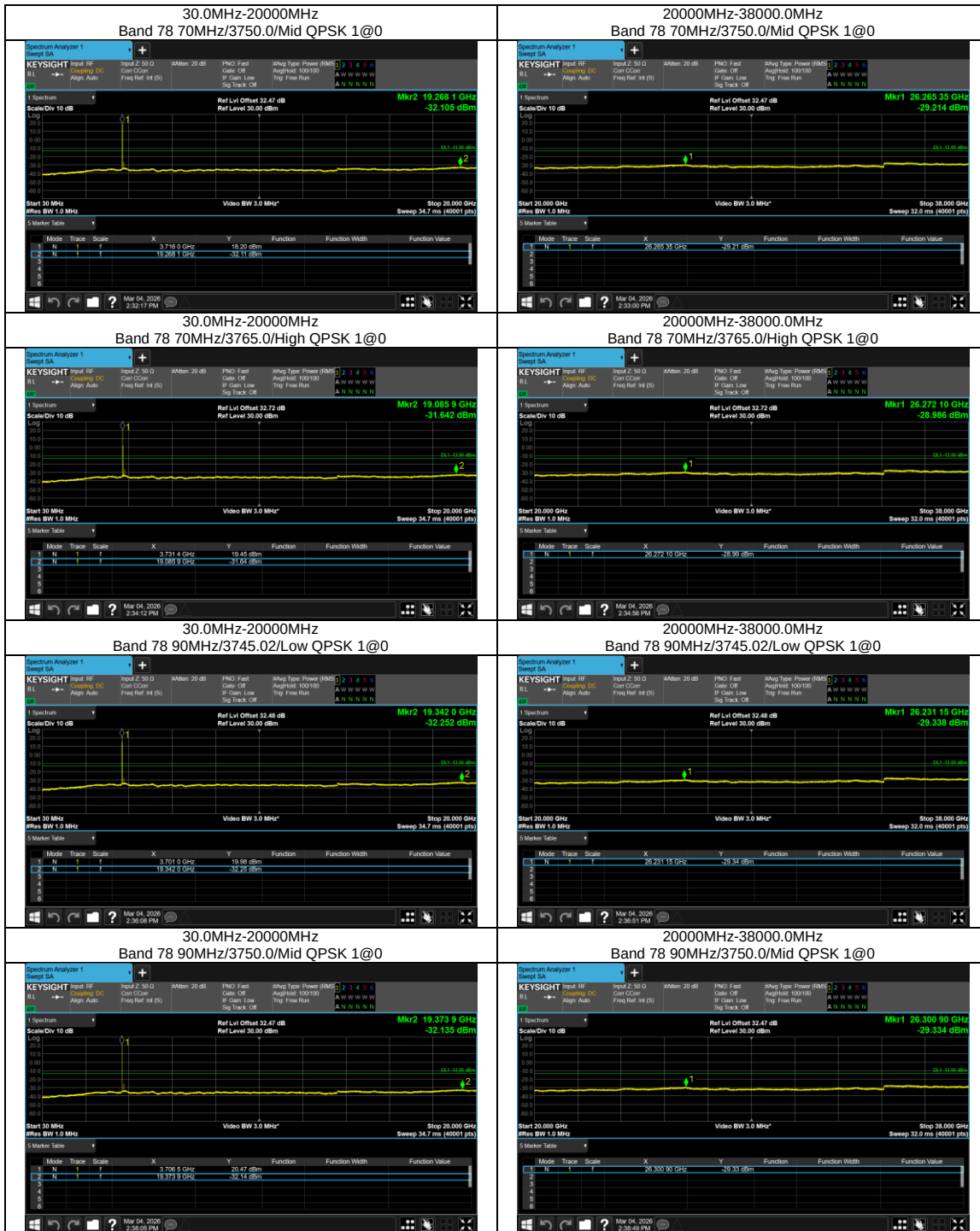
Test Result

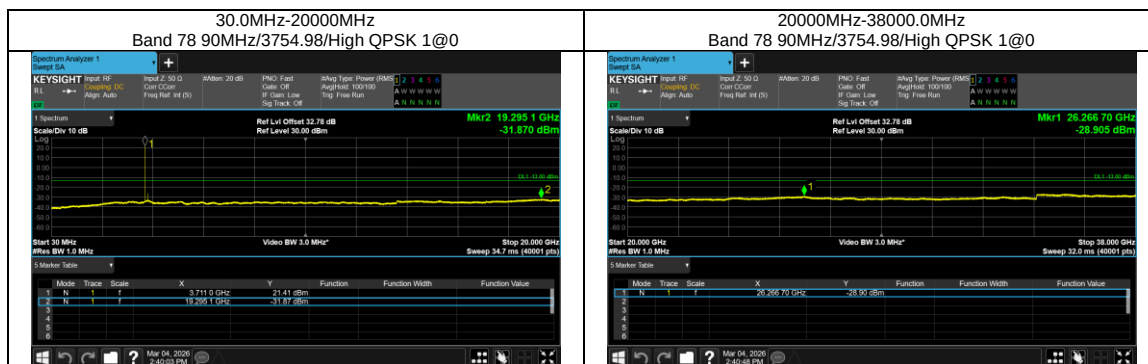
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	See graph	---
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	See graph	PASS
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	See graph	---
78	30	50	650000	3750.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	See graph	---
78	30	50	651666	3774.99	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	See graph	---
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	See graph	---
78	30	70	650000	3750.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	See graph	---
78	30	70	651000	3765.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	See graph	---
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	See graph	---
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	See graph	---
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	See graph	PASS



Test Graphs









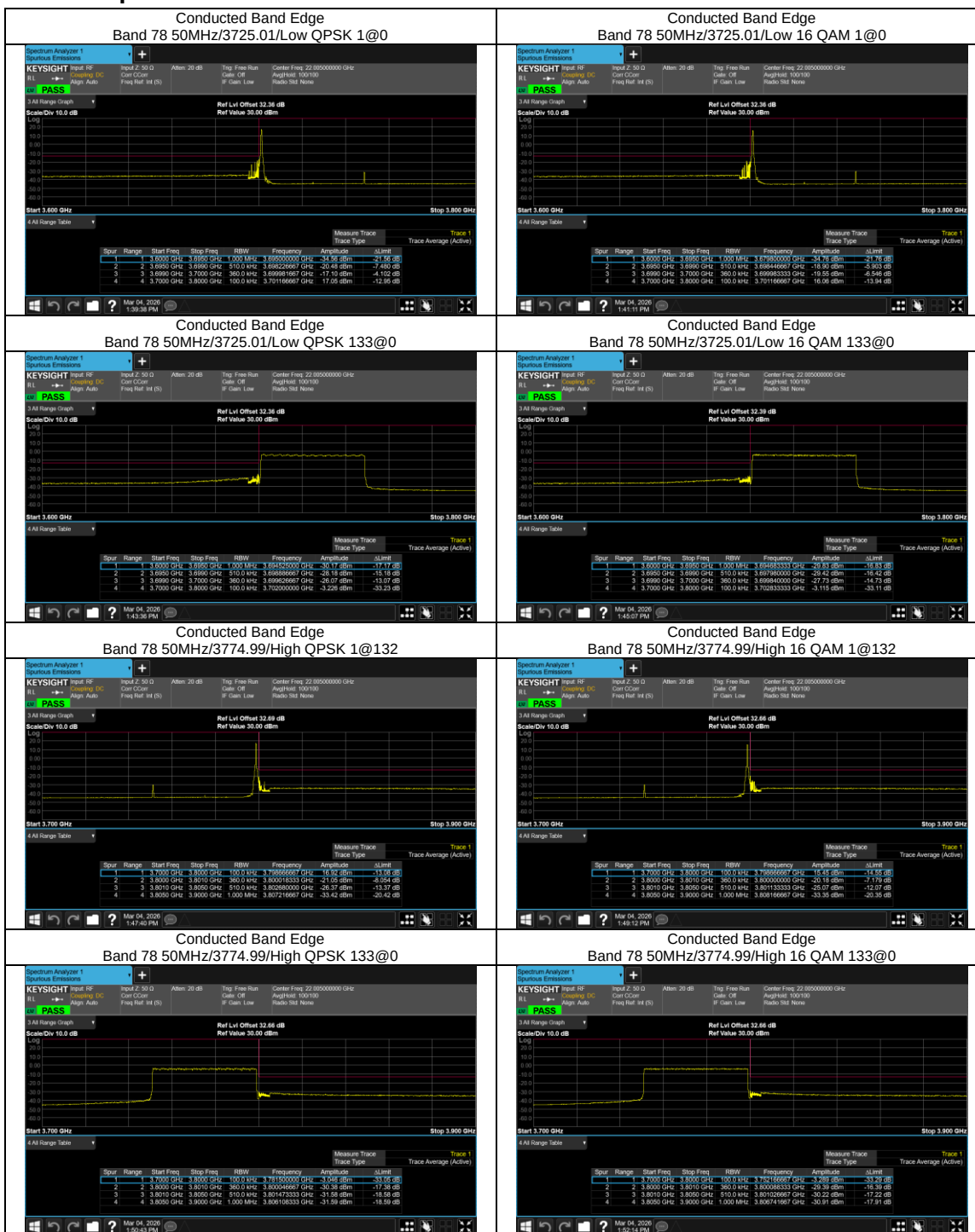
Conducted Band Edge

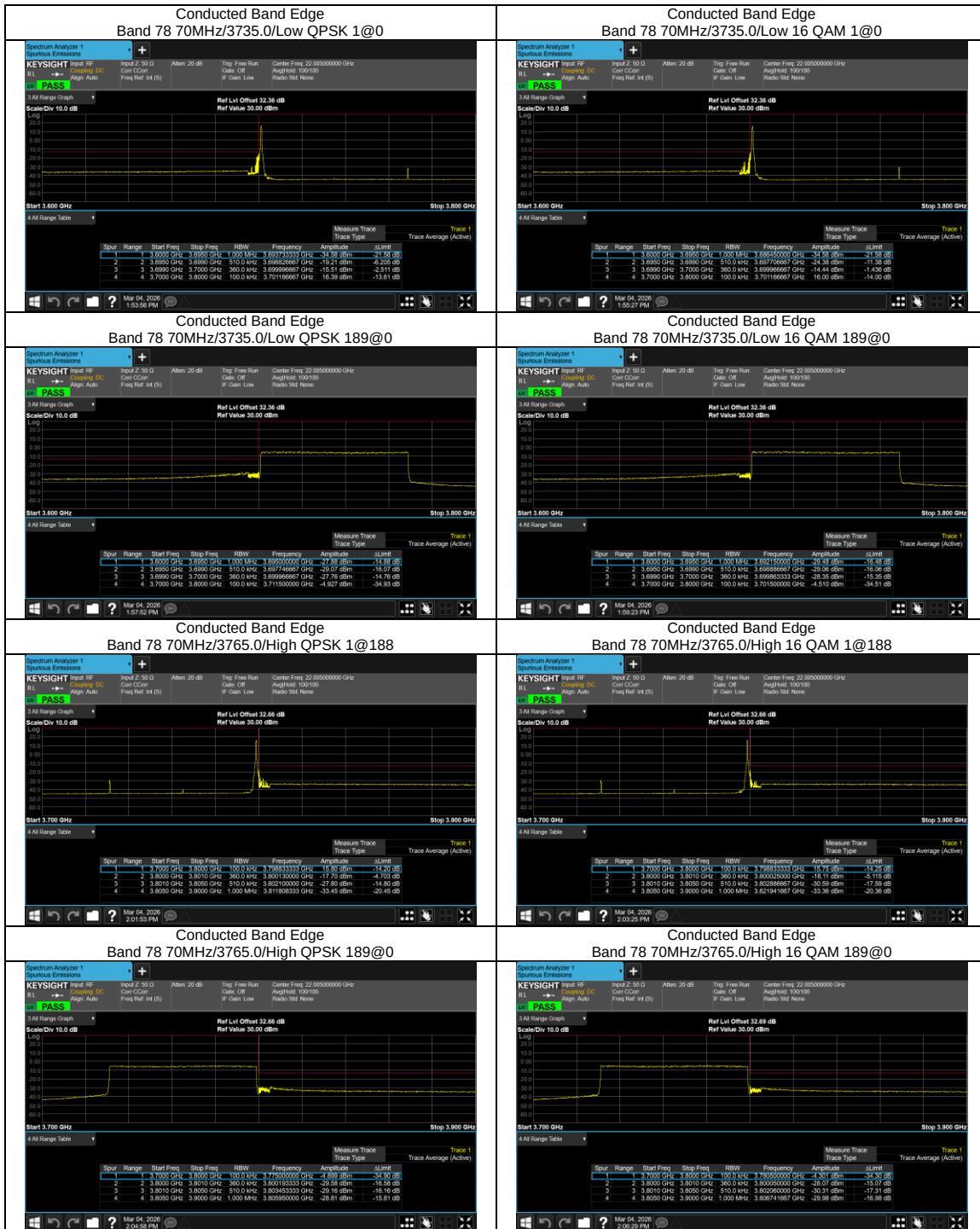
Test Result

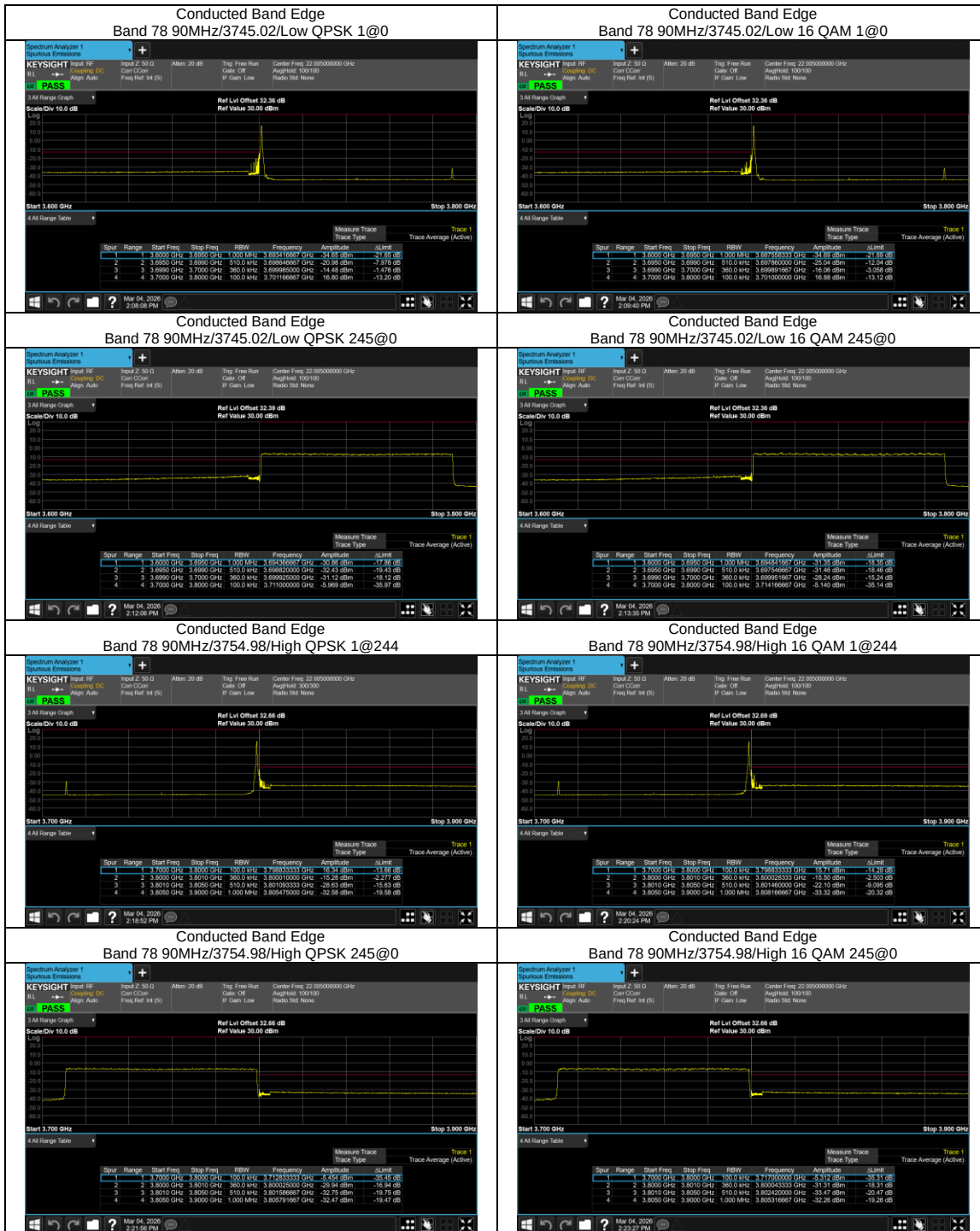
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	CP-OFDM QPSK	1@0	See graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@0	See graph	PASS
78	30	50	648334	3725.01	CP-OFDM QPSK	133@0	See graph	PASS
78	30	50	648334	3725.01	CP-OFDM 16 QAM	133@0	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	1@132	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@132	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM QPSK	133@0	See graph	PASS
78	30	50	651666	3774.99	CP-OFDM 16 QAM	133@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	1@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	1@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM QPSK	189@0	See graph	PASS
78	30	70	649000	3735.0	CP-OFDM 16 QAM	189@0	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	1@188	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	1@188	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM QPSK	189@0	See graph	PASS
78	30	70	651000	3765.0	CP-OFDM 16 QAM	189@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	245@0	See graph	PASS
78	30	90	649668	3745.02	CP-OFDM 16 QAM	245@0	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@244	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@244	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	245@0	See graph	PASS
78	30	90	650332	3754.98	CP-OFDM 16 QAM	245@0	See graph	PASS



Test Graphs









Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

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

n77 SA / NR 100MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7583	-52.34	-13	-39.34	-62.55	3.03	13.24	H
	11378	-53.64	-13	-40.64	-63.09	3.56	13.01	H
	15184	-59.39	-13	-46.39	-68.91	3.92	13.44	H
	7583	-53.51	-13	-40.51	-63.72	3.03	13.24	V
	11378	-54.46	-13	-41.46	-63.91	3.56	13.01	V
	15184	-59.39	-13	-46.39	-68.91	3.92	13.44	V

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

EN-DC_30A_n77A / LTE 10MHz + NR 100MHz								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7404	-42.69	-13	-29.69	-52.90	3.03	13.24	H
	11100	-55.45	-13	-42.45	-64.90	3.56	13.01	H
	14820	-56.27	-13	-43.27	-65.79	3.92	13.44	H
	7404	-39.08	-13	-26.08	-49.29	3.03	13.24	V
	11100	-56.18	-13	-43.18	-65.63	3.56	13.01	V
	14820	-56.15	-13	-43.15	-65.67	3.92	13.44	V
Middle	7584	-40.56	-13	-27.56	-50.77	3.03	13.24	H
	11388	-57.67	-13	-44.67	-67.12	3.56	13.01	H
	15180	-57.34	-13	-44.34	-66.86	3.92	13.44	H
	7584	-42.48	-13	-29.48	-52.69	3.03	13.24	V
	11388	-58.10	-13	-45.10	-67.55	3.56	13.01	V
	15180	-57.49	-13	-44.49	-67.01	3.92	13.44	V
Highest	7764	-49.96	-13	-36.96	-60.17	3.03	13.24	H
	11652	-57.51	-13	-44.51	-66.96	3.56	13.01	H
	15540	-57.57	-13	-44.57	-67.09	3.92	13.44	H
	7764	-46.46	-13	-33.46	-56.67	3.03	13.24	V
	11652	-57.73	-13	-44.73	-67.18	3.56	13.01	V
	15540	-57.29	-13	-44.29	-66.81	3.92	13.44	V

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

EN-DC_5A_n77A / LTE 10MHz + NR 100MHz								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7404	-49.97	-13	-36.97	-60.18	3.03	13.24	H
	11100	-55.76	-13	-42.76	-65.21	3.56	13.01	H
	14820	-56.67	-13	-43.67	-66.19	3.92	13.44	H
	7404	-46.75	-13	-33.75	-56.96	3.03	13.24	V
	11100	-50.15	-13	-37.15	-59.60	3.56	13.01	V
	14820	-56.57	-13	-43.57	-66.09	3.92	13.44	V
Middle	7584	-48.64	-13	-35.64	-58.85	3.03	13.24	H
	11376	-52.19	-13	-39.19	-61.64	3.56	13.01	H
	15180	-57.29	-13	-44.29	-66.81	3.92	13.44	H
	7584	-50.99	-13	-37.99	-61.20	3.03	13.24	V
	11376	-49.94	-13	-36.94	-59.39	3.56	13.01	V
	15180	-57.39	-13	-44.39	-66.91	3.92	13.44	V
Highest	7764	-55.04	-13	-42.04	-65.25	3.03	13.24	H
	11640	-49.92	-13	-36.92	-59.37	3.56	13.01	H
	15540	-57.56	-13	-44.56	-67.08	3.92	13.44	H
	7764	-52.86	-13	-39.86	-63.07	3.03	13.24	V
	11640	-50.43	-13	-37.43	-59.88	3.56	13.01	V
	15540	-57.33	-13	-44.33	-66.85	3.92	13.44	V

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

n77 UL MIMO / NR 100+100MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7583	-49.21	-13	-36.21	-59.42	3.03	13.24	H
	11378	-57.02	-13	-44.02	-66.47	3.56	13.01	H
	15184	-58.77	-13	-45.77	-68.29	3.92	13.44	H
	7583	-47.52	-13	-34.52	-57.73	3.03	13.24	V
	11378	-55.75	-13	-42.75	-65.20	3.56	13.01	V
	15184	-59.37	-13	-46.37	-68.89	3.92	13.44	V

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