

APPENDIX RF TEST DATA

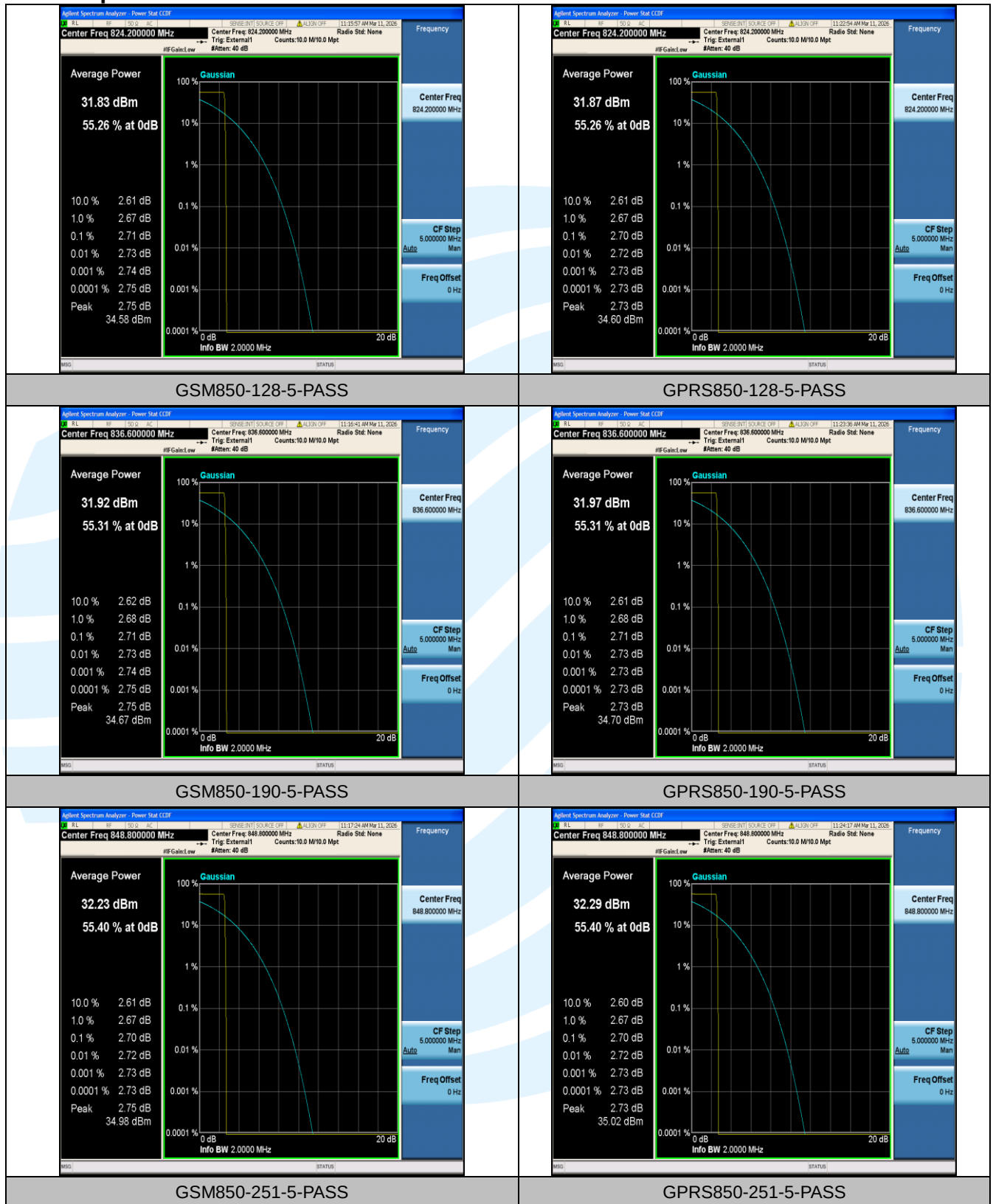
Appendix A: GSM

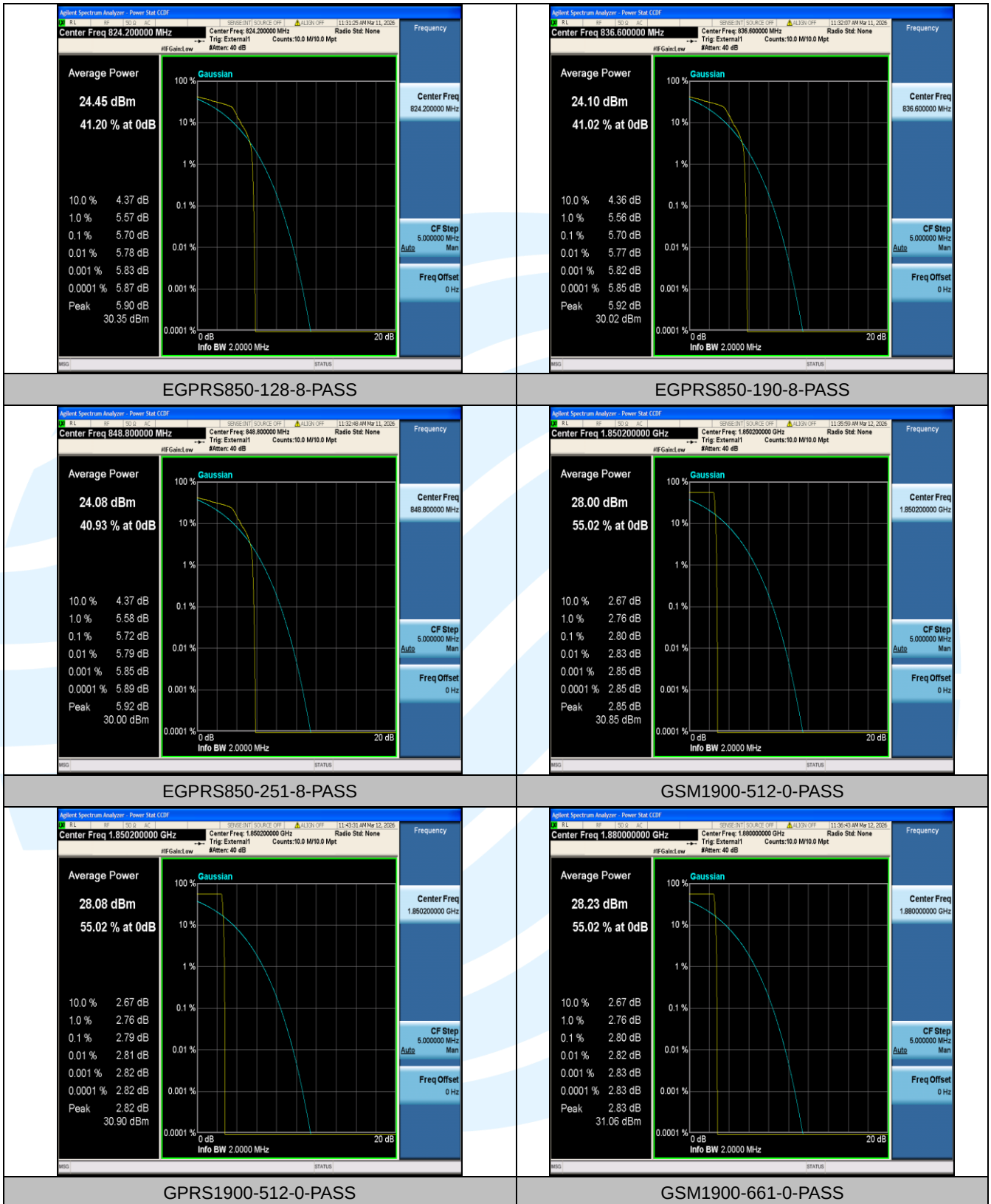
A.1 PEAK-TO-AVERAGE RATIO(CCDF)

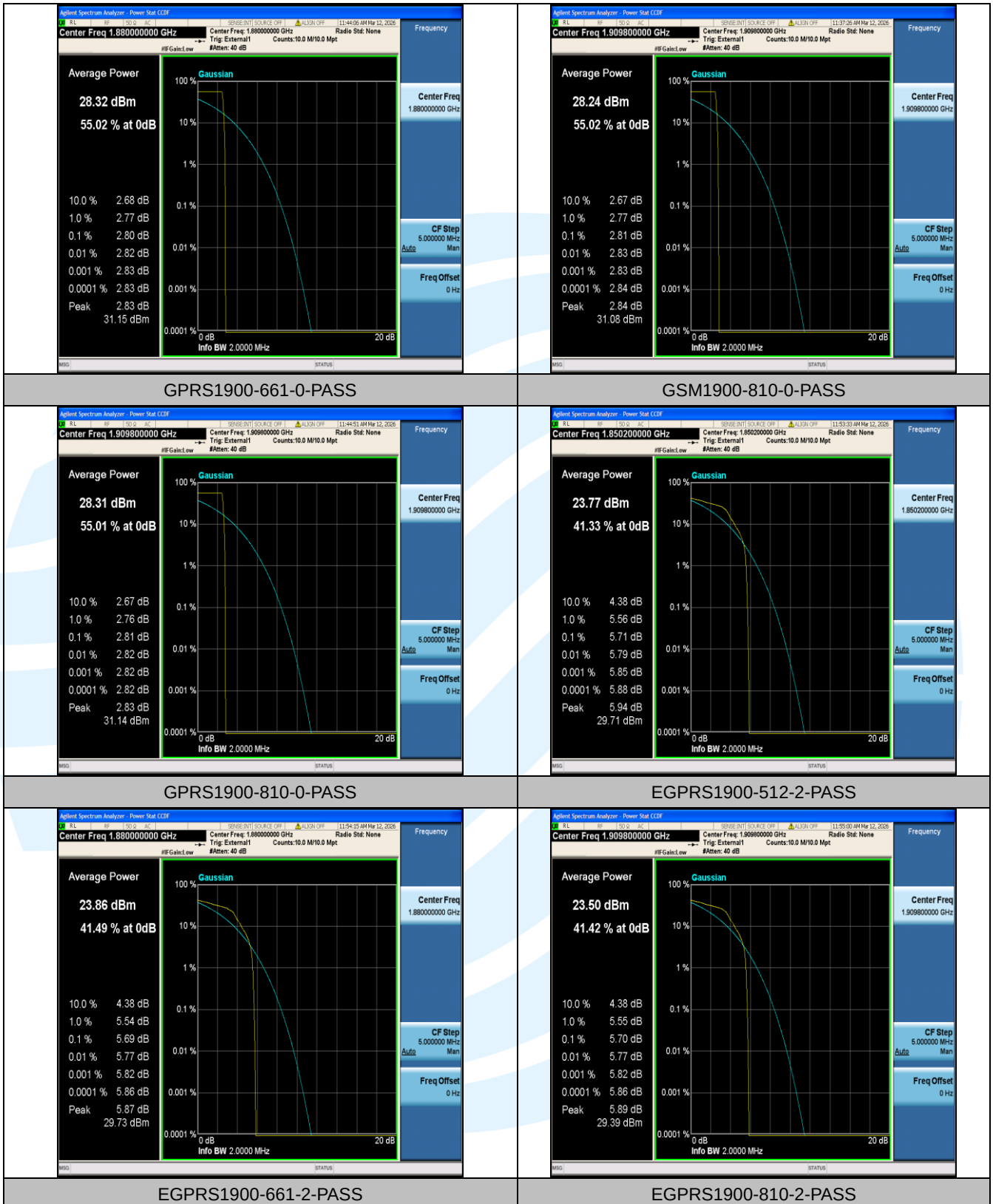
Test Result

Band	Channel	Result (dB)	Limit (dB)	Verdict
GSM850	128	2.71	13	PASS
GPRS850	128	2.70	13	PASS
GSM850	190	2.71	13	PASS
GPRS850	190	2.71	13	PASS
GSM850	251	2.70	13	PASS
GPRS850	251	2.70	13	PASS
EGPRS850	128	5.70	13	PASS
EGPRS850	190	5.70	13	PASS
EGPRS850	251	5.72	13	PASS
GSM1900	512	2.80	13	PASS
GPRS1900	512	2.79	13	PASS
GSM1900	661	2.80	13	PASS
GPRS1900	661	2.80	13	PASS
GSM1900	810	2.81	13	PASS
GPRS1900	810	2.81	13	PASS
EGPRS1900	512	5.71	13	PASS
EGPRS1900	661	5.69	13	PASS
EGPRS1900	810	5.70	13	PASS

Test Graphs





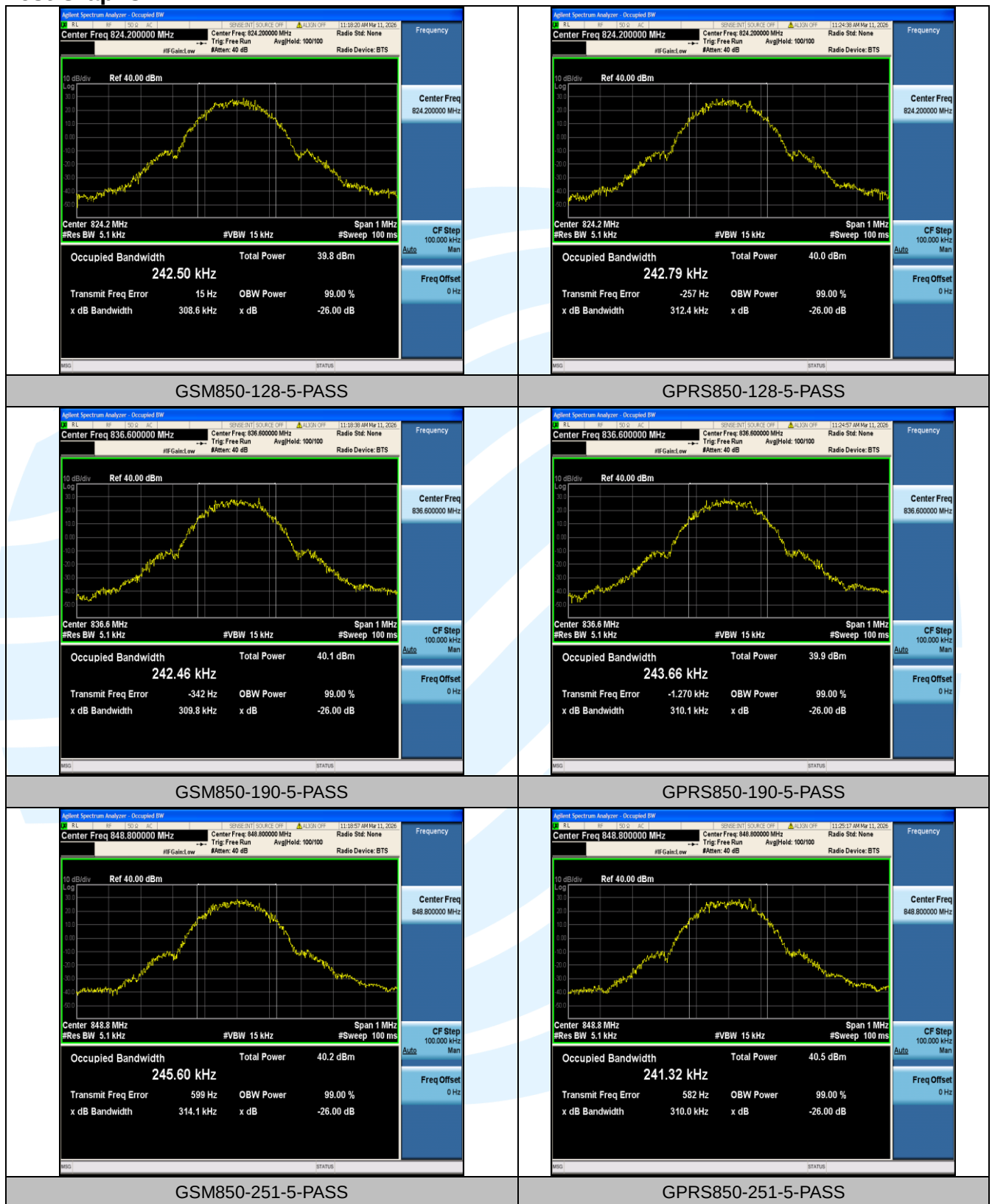


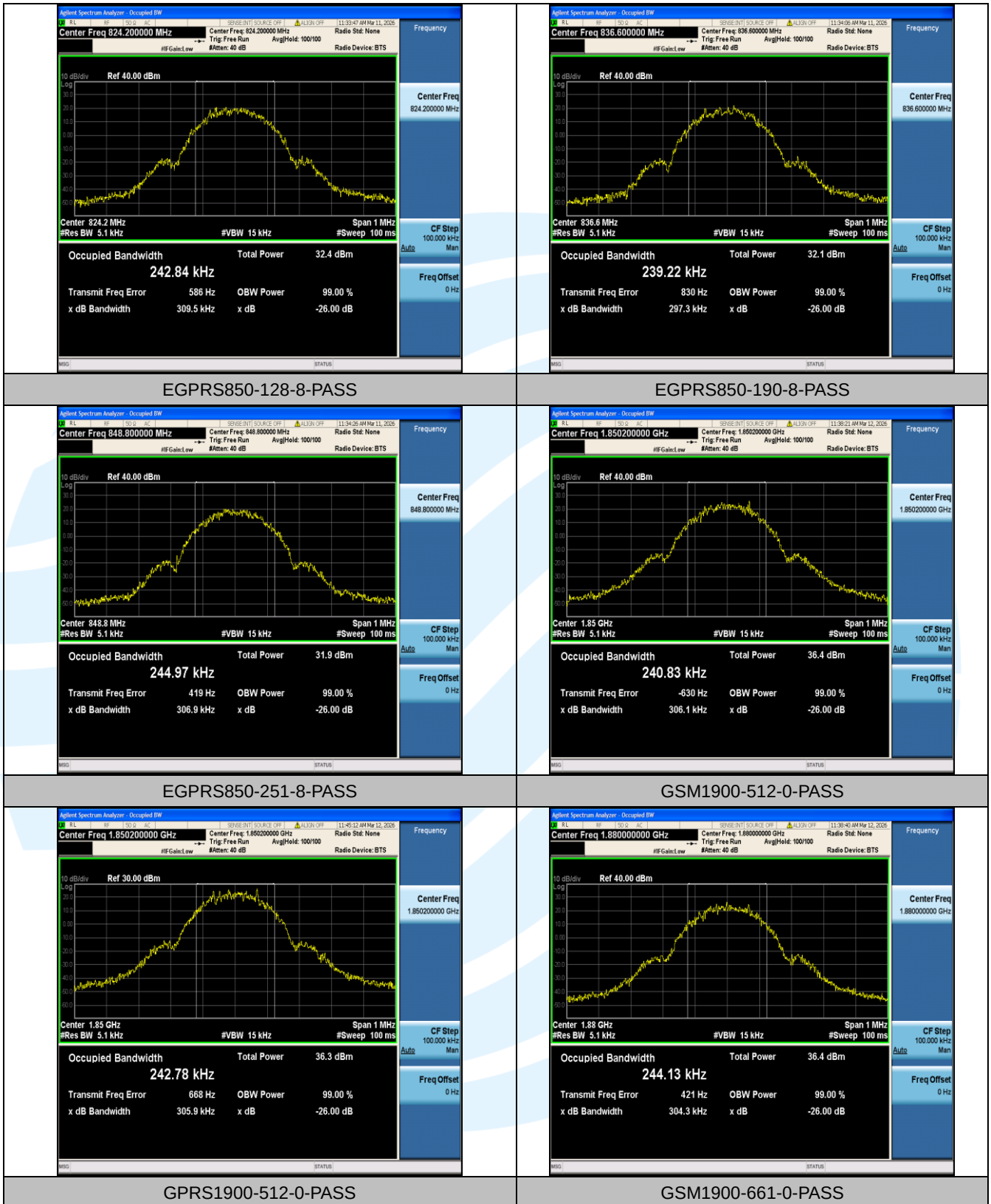
A.2 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

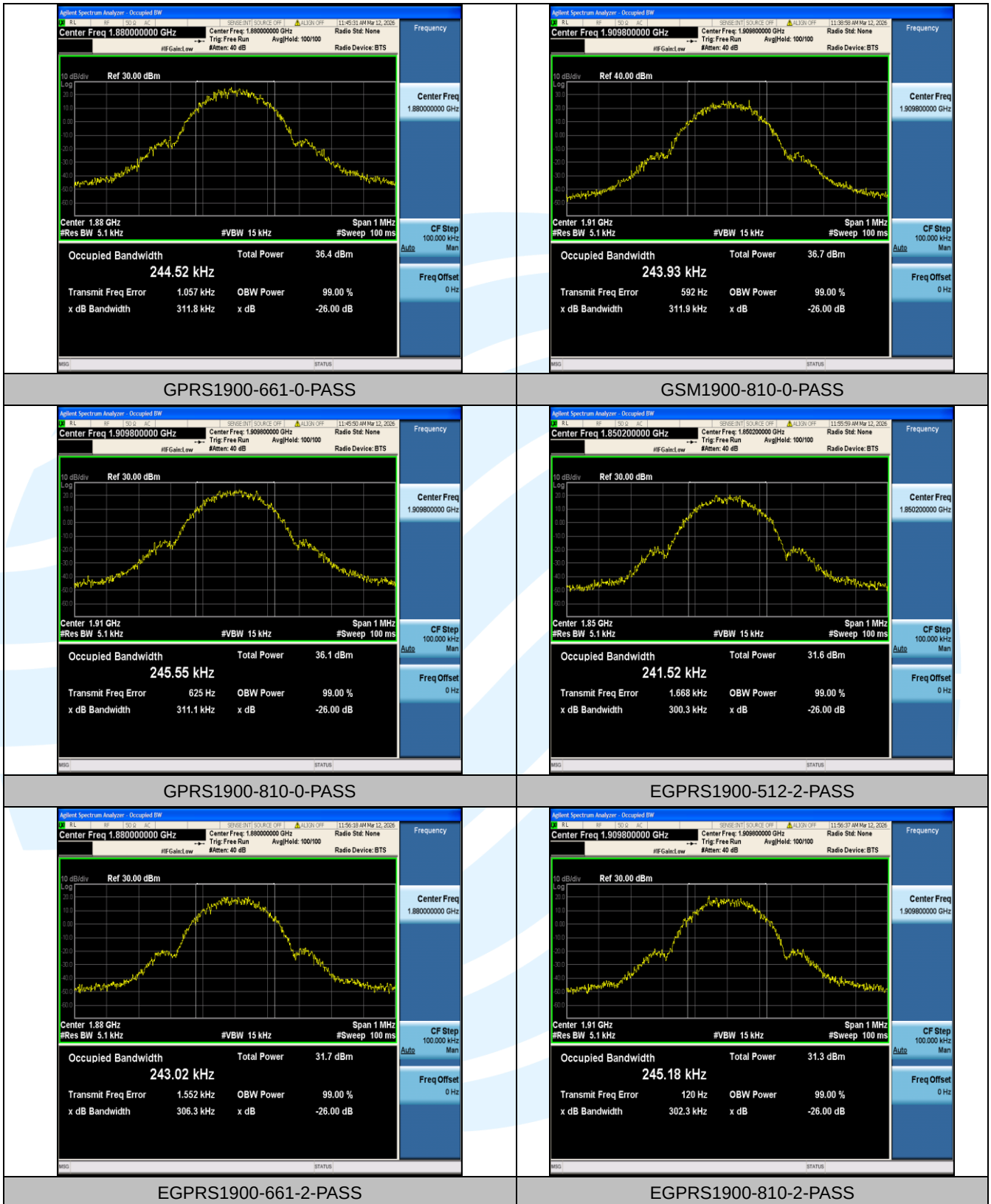
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24250	0.3086	---	PASS
GPRS850	128	0.24279	0.3124	---	PASS
GSM850	190	0.24246	0.3098	---	PASS
GPRS850	190	0.24366	0.3101	---	PASS
GSM850	251	0.24560	0.3141	---	PASS
GPRS850	251	0.24132	0.3100	---	PASS
EGPRS850	128	0.24284	0.3095	---	PASS
EGPRS850	190	0.23922	0.2973	---	PASS
EGPRS850	251	0.24497	0.3069	---	PASS
GSM1900	512	0.24083	0.3061	---	PASS
GPRS1900	512	0.24278	0.3059	---	PASS
GSM1900	661	0.24413	0.3043	---	PASS
GPRS1900	661	0.24452	0.3118	---	PASS
GSM1900	810	0.24393	0.3119	---	PASS
GPRS1900	810	0.24555	0.3111	---	PASS
EGPRS1900	512	0.24152	0.3003	---	PASS
EGPRS1900	661	0.24302	0.3063	---	PASS
EGPRS1900	810	0.24518	0.3023	---	PASS

Test Graphs





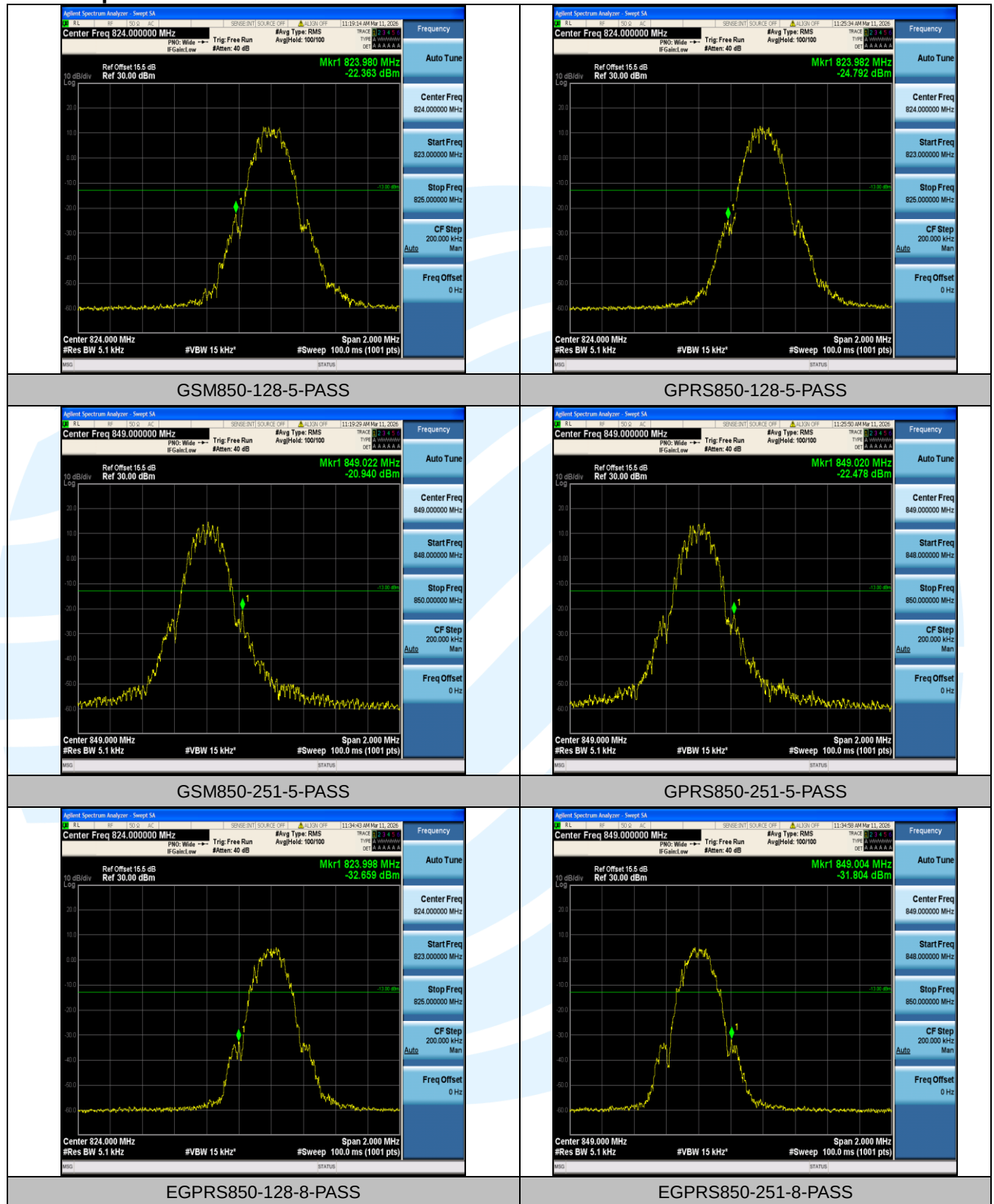


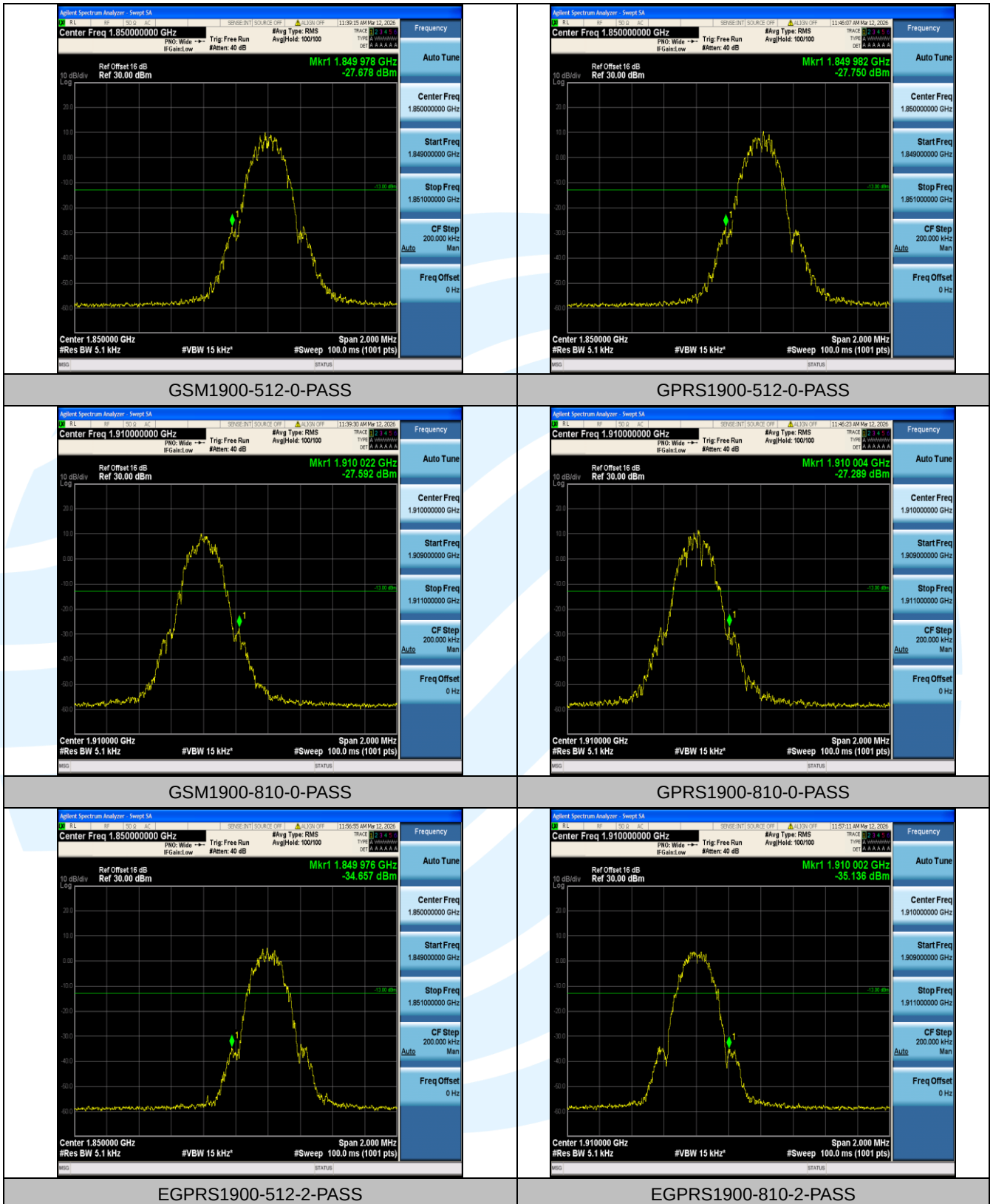
A.3 BAND EDGE

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-22.36	-13	PASS
GPRS850	128	823.98	-24.79	-13	PASS
GSM850	251	849.02	-20.94	-13	PASS
GPRS850	251	849.02	-22.48	-13	PASS
EGPRS850	128	824.00	-32.66	-13	PASS
EGPRS850	251	849.00	-31.80	-13	PASS
GSM1900	512	1849.98	-27.68	-13	PASS
GPRS1900	512	1849.98	-27.75	-13	PASS
GSM1900	810	1910.02	-27.59	-13	PASS
GPRS1900	810	1910.00	-27.29	-13	PASS
EGPRS1900	512	1849.98	-34.66	-13	PASS
EGPRS1900	810	1910.00	-35.14	-13	PASS

Test Graphs





A.4 CONDUCTED SPURIOUS EMISSION

Test Result

Band	Channel	Frequency Range (MHz)	Max. Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	30~1000MHz	504.07	-38.89	-13	PASS
GPRS850	128	30~1000MHz	926.22	-38.69	-13	PASS
GSM850	128	1000~10000MHz	5838.4	-42.73	-13	PASS
GPRS850	128	1000~10000MHz	5806.9	-42.82	-13	PASS
GSM850	190	30~1000MHz	957.55	-38.63	-13	PASS
GPRS850	190	30~1000MHz	958.9	-37.95	-13	PASS
GSM850	190	1000~10000MHz	5824	-42.67	-13	PASS
GPRS850	190	1000~10000MHz	1673.2	-42.24	-13	PASS
GSM850	251	30~1000MHz	966.5	-38.72	-13	PASS
GPRS850	251	30~1000MHz	976.17	-38.19	-13	PASS
GSM850	251	1000~10000MHz	5832.4	-42.77	-13	PASS
GPRS850	251	1000~10000MHz	5395.3	-42.72	-13	PASS
EGPRS850	128	30~1000MHz	951.27	-38.55	-13	PASS
EGPRS850	128	1000~10000MHz	5372.8	-42.82	-13	PASS
EGPRS850	190	30~1000MHz	952.34	-38.25	-13	PASS
EGPRS850	190	1000~10000MHz	5403.1	-42.67	-13	PASS
EGPRS850	251	30~1000MHz	963.82	-38.73	-13	PASS
EGPRS850	251	1000~10000MHz	5815	-42.79	-13	PASS
GSM1900	512	30~1000MHz	965.95	-35.32	-13	PASS
GPRS1900	512	30~1000MHz	919.75	-35.26	-13	PASS
GSM1900	512	1000~3000MHz	2617.8	-26.62	-13	PASS
GPRS1900	512	1000~3000MHz	2743.6	-26.68	-13	PASS
GSM1900	512	3000~18000MHz	16402	-38.1	-13	PASS
GPRS1900	512	3000~18000MHz	16385	-37.99	-13	PASS
GSM1900	661	30~1000MHz	909.37	-35.32	-13	PASS
GPRS1900	661	30~1000MHz	941.35	-35.35	-13	PASS
GSM1900	661	1000~3000MHz	2626.67	-26.58	-13	PASS
GPRS1900	661	1000~3000MHz	2774.93	-26.68	-13	PASS
GSM1900	661	3000~18000MHz	16386.5	-37.89	-13	PASS
GPRS1900	661	3000~18000MHz	16380.5	-37.96	-13	PASS
GSM1900	810	30~1000MHz	906.27	-35.36	-13	PASS
GPRS1900	810	30~1000MHz	902.26	-35.3	-13	PASS
GSM1900	810	1000~3000MHz	2753.6	-26.63	-13	PASS
GPRS1900	810	1000~3000MHz	2729.73	-26.68	-13	PASS
GSM1900	810	3000~18000MHz	16360	-37.97	-13	PASS
GPRS1900	810	3000~18000MHz	16373	-38.07	-13	PASS
EGPRS1900	512	30~1000MHz	926.7	-35.35	-13	PASS
EGPRS1900	512	1000~3000MHz	2754.6	-26.69	-13	PASS

EGPRS1900	512	3000~18000MHz	16405	-38.07	-13	PASS
EGPRS1900	661	30~1000MHz	880.21	-35.39	-13	PASS
EGPRS1900	661	1000~3000MHz	2756.4	-26.6	-13	PASS
EGPRS1900	661	3000~18000MHz	16381.5	-37.97	-13	PASS
EGPRS1900	810	30~1000MHz	915.22	-35.37	-13	PASS
EGPRS1900	810	1000~3000MHz	2720.2	-26.67	-13	PASS
EGPRS1900	810	3000~18000MHz	16369.5	-37.98	-13	PASS



Test Graphs

