

Appendix for GSM

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
GSM850	128	32.76	38.45	PASS
GSM850	190	32.70	38.45	PASS
GSM850	251	32.74	38.45	PASS
GSM1900	512	29.47	33	PASS
GSM1900	661	29.32	33	PASS
GSM1900	810	29.65	33	PASS

Band	Channel	Up Slot Num	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	32.75	38.45	PASS
GPRS850	128	2	30.77	38.45	PASS
GPRS850	128	3	28.74	38.45	PASS
GPRS850	128	4	26.66	38.45	PASS
GPRS850	190	1	32.67	38.45	PASS
GPRS850	190	2	30.76	38.45	PASS
GPRS850	190	3	28.72	38.45	PASS
GPRS850	190	4	26.63	38.45	PASS
GPRS850	251	1	32.68	38.45	PASS
GPRS850	251	2	30.80	38.45	PASS
GPRS850	251	3	28.76	38.45	PASS
GPRS850	251	4	26.64	38.45	PASS
GPRS1900	512	1	29.52	33	PASS
GPRS1900	512	2	27.14	33	PASS
GPRS1900	512	3	25.69	33	PASS
GPRS1900	512	4	23.76	33	PASS
GPRS1900	661	1	29.35	33	PASS
GPRS1900	661	2	26.97	33	PASS
GPRS1900	661	3	25.51	33	PASS
GPRS1900	661	4	23.60	33	PASS
GPRS1900	810	1	29.68	33	PASS
GPRS1900	810	2	27.31	33	PASS
GPRS1900	810	3	25.85	33	PASS
GPRS1900	810	4	23.95	33	PASS

Band	Channel	Up Slot Num	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	1	25.19	38.45	PASS
EGPRS850	128	2	24.10	38.45	PASS

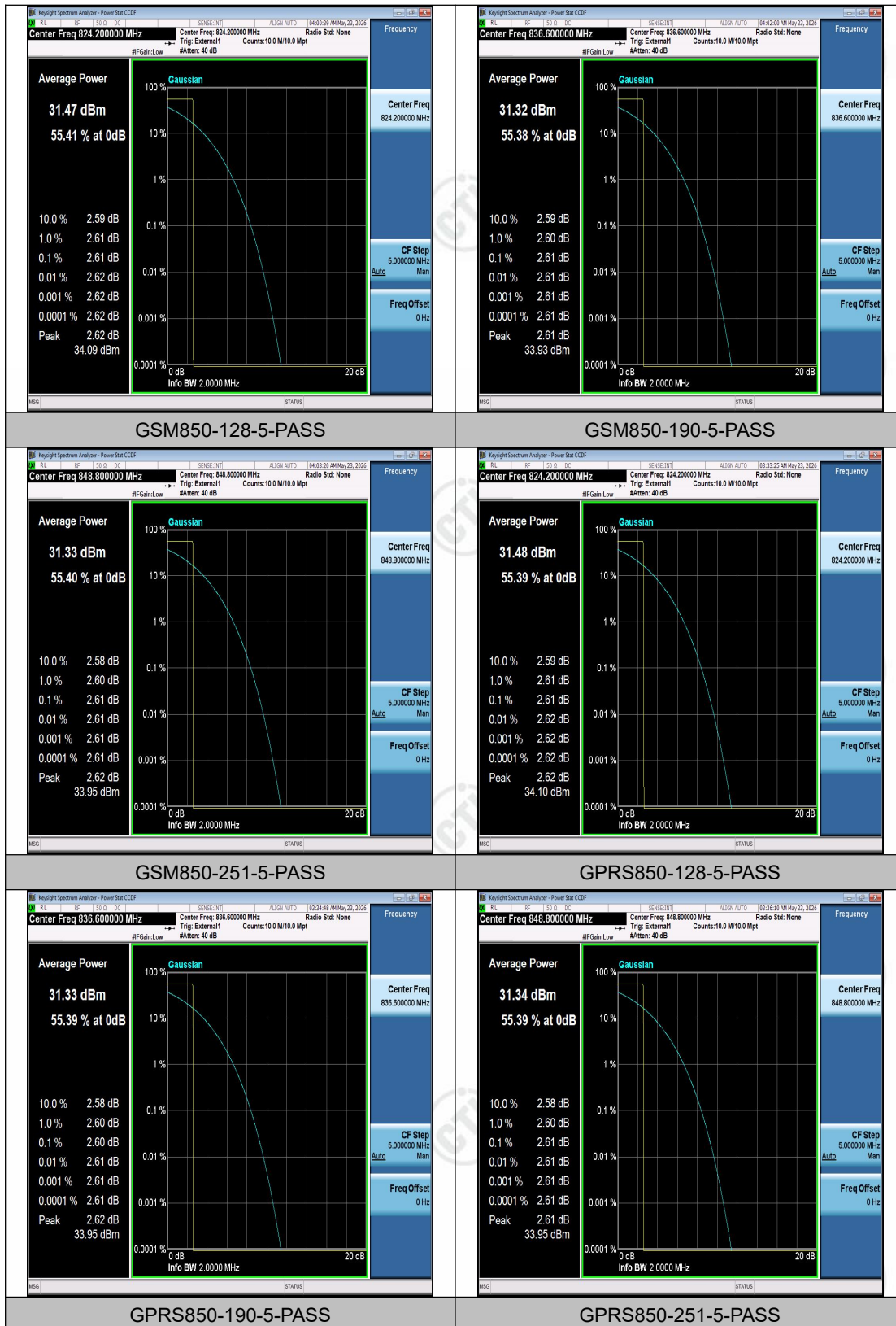
EGPRS850	128	3	22.17	38.45	PASS
EGPRS850	128	4	19.94	38.45	PASS
EGPRS850	190	1	25.06	38.45	PASS
EGPRS850	190	2	24.04	38.45	PASS
EGPRS850	190	3	22.18	38.45	PASS
EGPRS850	190	4	19.93	38.45	PASS
EGPRS850	251	1	24.96	38.45	PASS
EGPRS850	251	2	23.97	38.45	PASS
EGPRS850	251	3	22.09	38.45	PASS
EGPRS850	251	4	19.86	38.45	PASS
EGPRS1900	512	1	25.60	33	PASS
EGPRS1900	512	2	23.94	33	PASS
EGPRS1900	512	3	21.32	33	PASS
EGPRS1900	512	4	19.65	33	PASS
EGPRS1900	661	1	24.87	33	PASS
EGPRS1900	661	2	23.29	33	PASS
EGPRS1900	661	3	20.82	33	PASS
EGPRS1900	661	4	19.09	33	PASS
EGPRS1900	810	1	24.99	33	PASS
EGPRS1900	810	2	23.54	33	PASS
EGPRS1900	810	3	21.07	33	PASS
EGPRS1900	810	4	19.37	33	PASS

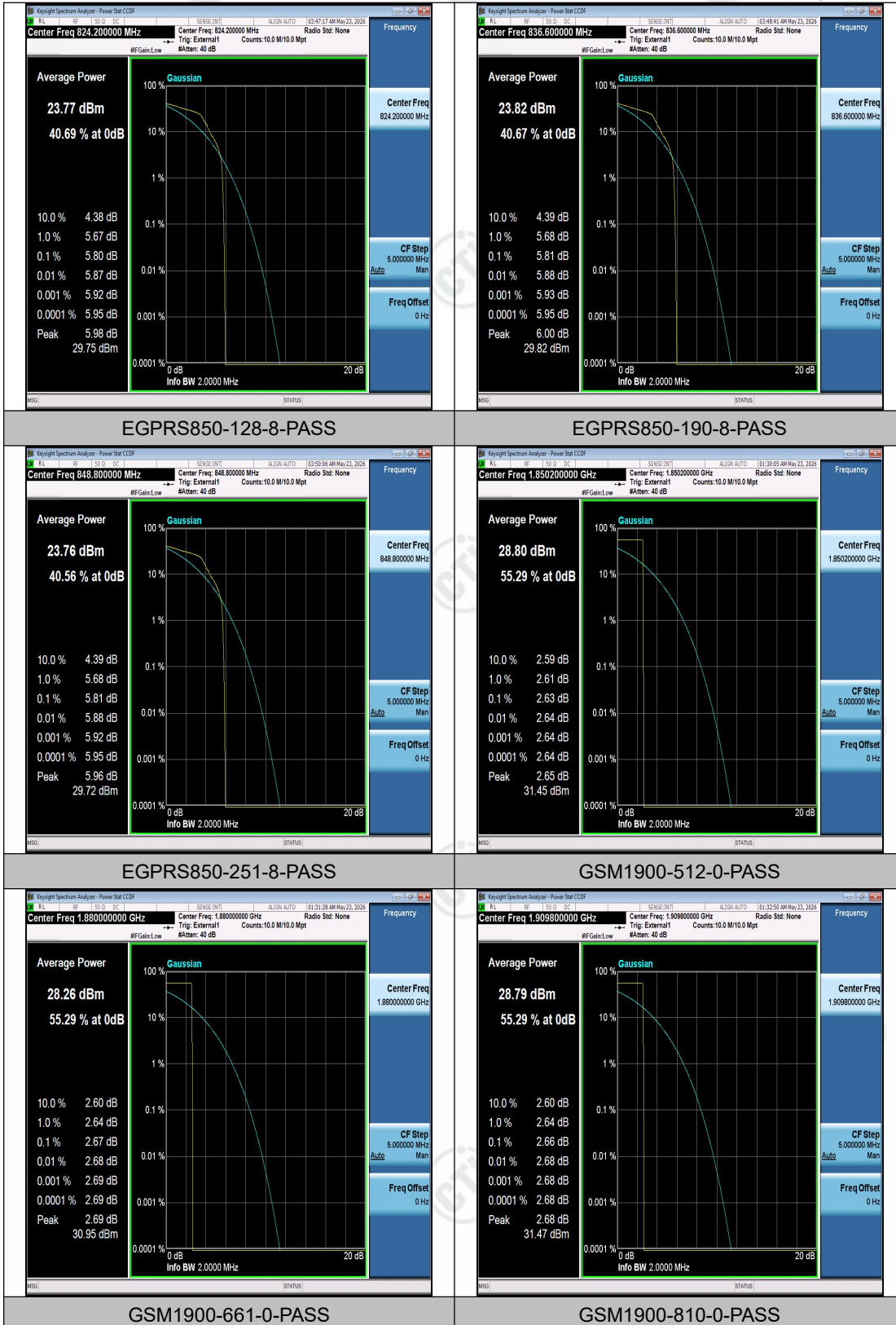
Appendix B: Peak-to-Average Ratio(CCDF)

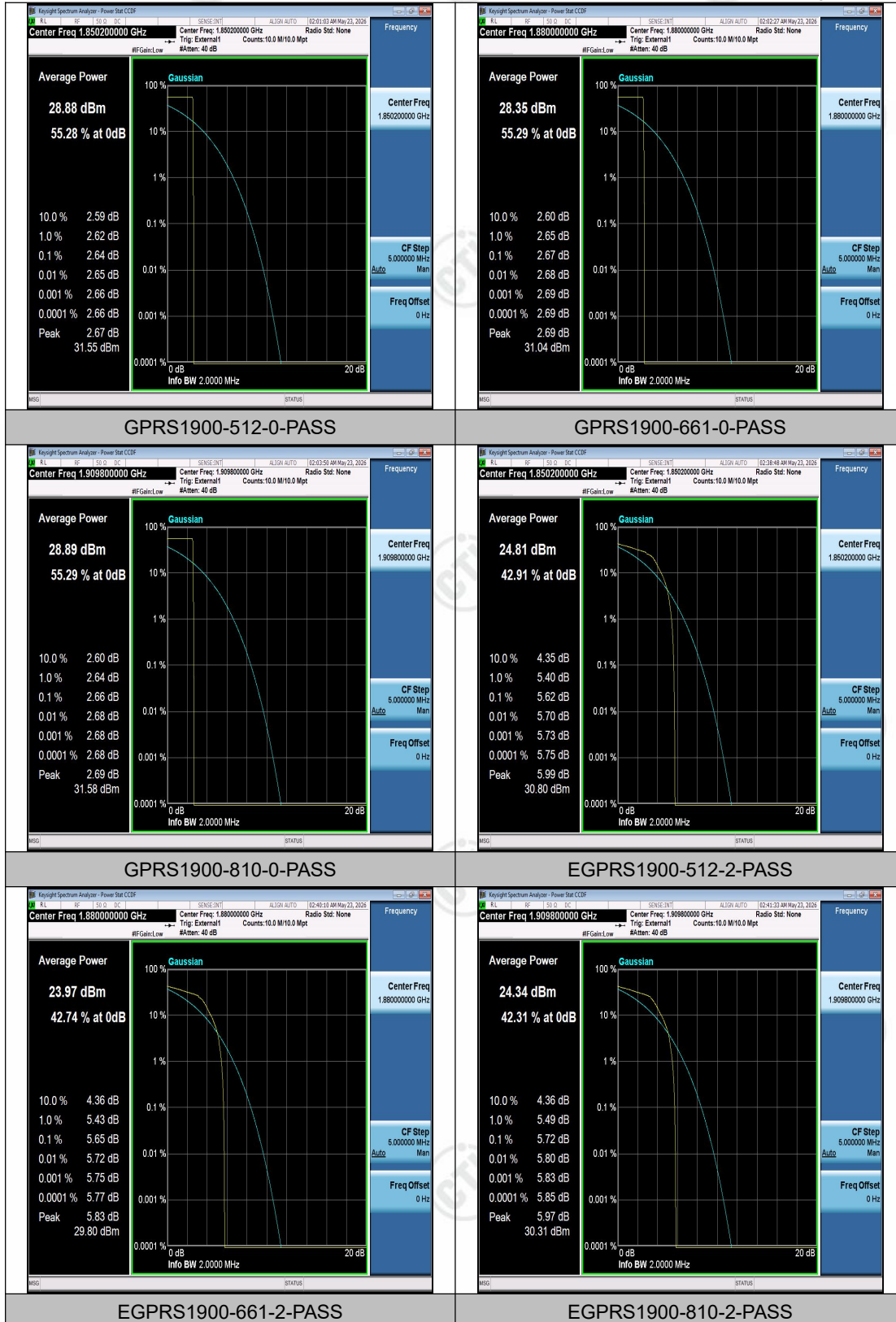
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	2.61	13	PASS
GSM850	190	2.61	13	PASS
GSM850	251	2.61	13	PASS
GPRS850	128	2.61	13	PASS
GPRS850	190	2.60	13	PASS
GPRS850	251	2.61	13	PASS
EGPRS850	128	5.80	13	PASS
EGPRS850	190	5.81	13	PASS
EGPRS850	251	5.81	13	PASS
GSM1900	512	2.63	13	PASS
GSM1900	661	2.67	13	PASS
GSM1900	810	2.66	13	PASS
GPRS1900	512	2.64	13	PASS
GPRS1900	661	2.67	13	PASS
GPRS1900	810	2.66	13	PASS
EGPRS1900	512	5.62	13	PASS
EGPRS1900	661	5.65	13	PASS
EGPRS1900	810	5.72	13	PASS

Test Graphs





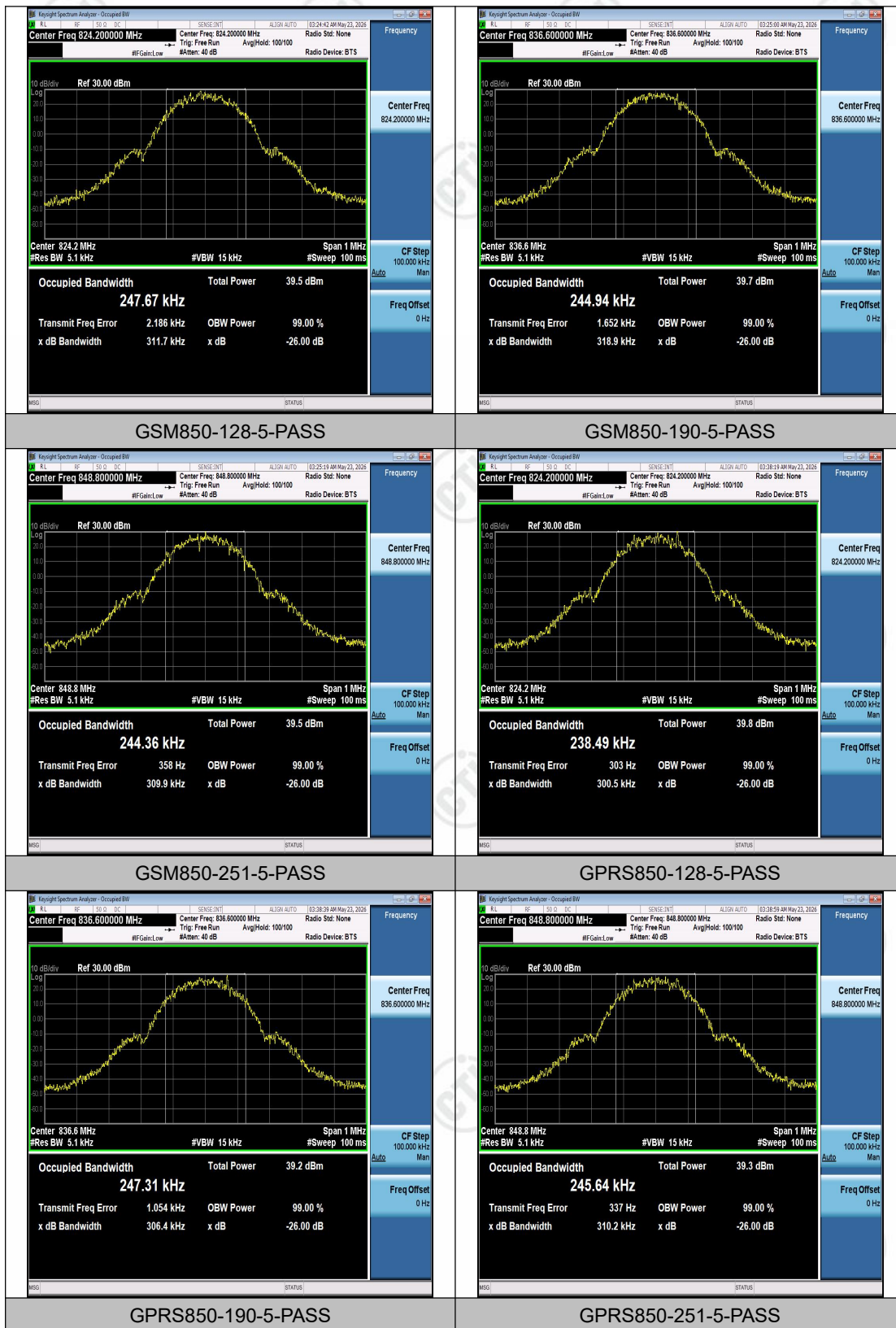


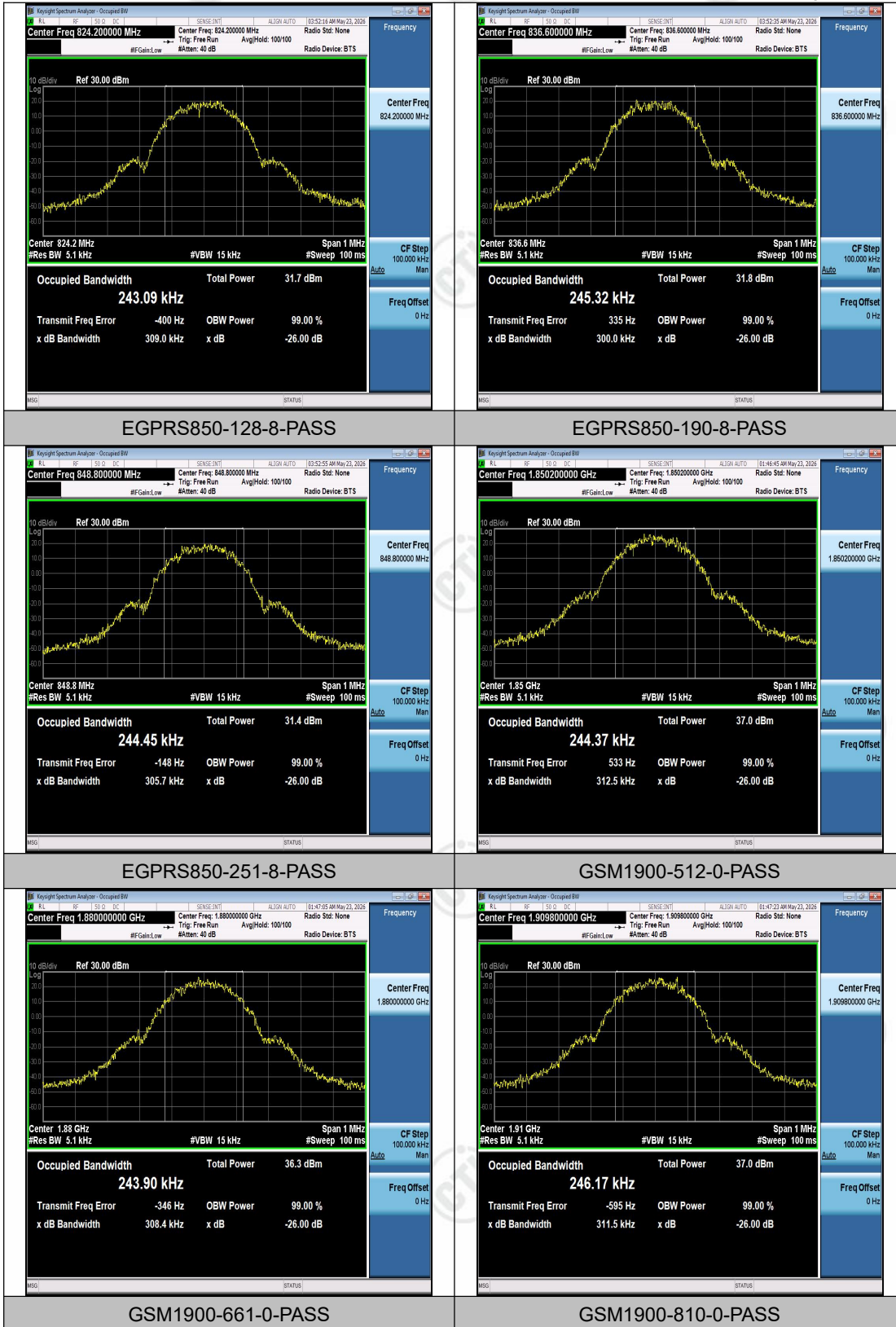
Appendix C: 26dB Bandwidth and Occupied Bandwidth

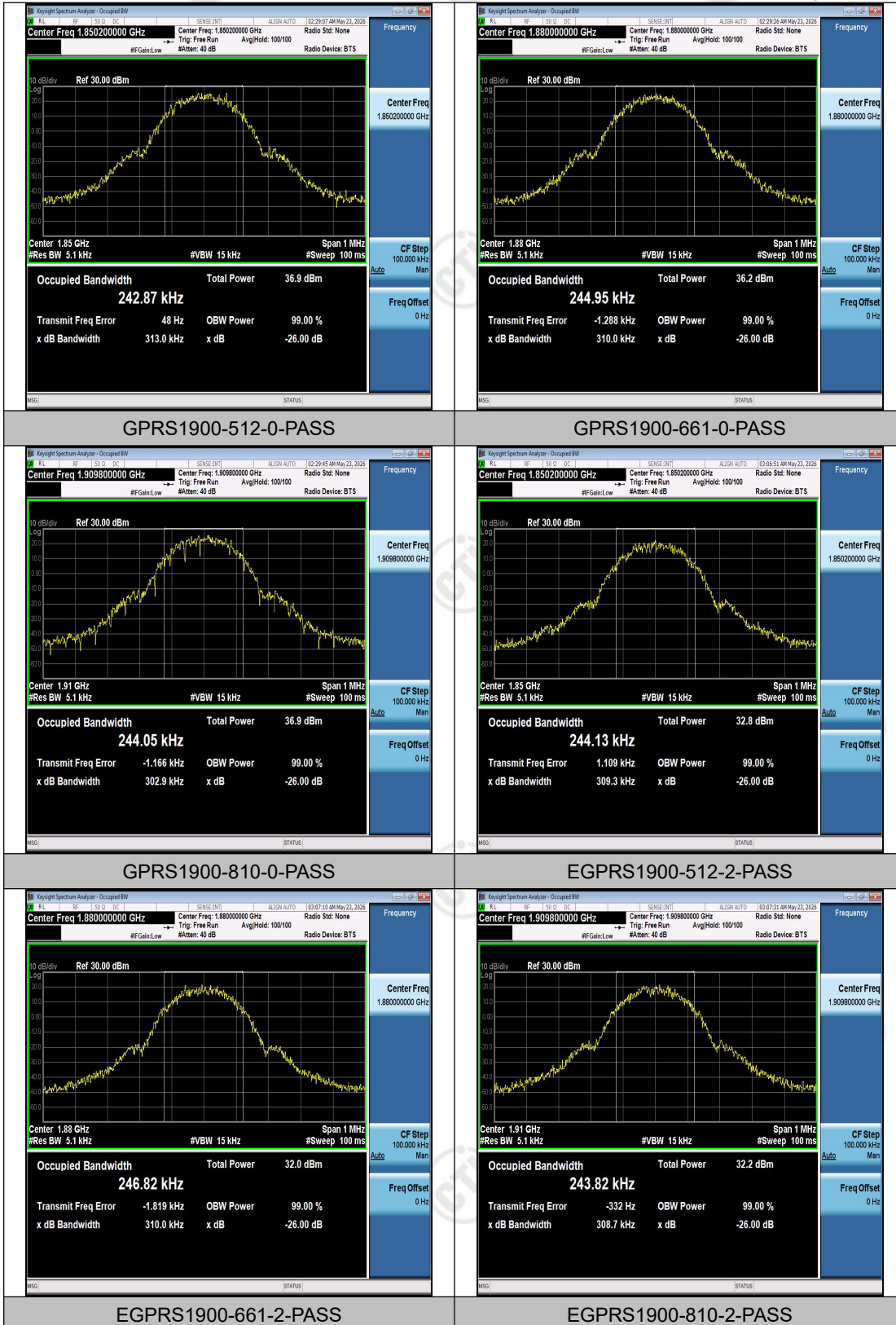
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24767	0.3117	---	PASS
GSM850	190	0.24494	0.3189	---	PASS
GSM850	251	0.24436	0.3099	---	PASS
GPRS850	128	0.23849	0.3005	---	PASS
GPRS850	190	0.24731	0.3064	---	PASS
GPRS850	251	0.24564	0.3102	---	PASS
EGPRS850	128	0.24309	0.3090	---	PASS
EGPRS850	190	0.24532	0.3000	---	PASS
EGPRS850	251	0.24445	0.3057	---	PASS
GSM1900	512	0.24437	0.3125	---	PASS
GSM1900	661	0.24390	0.3084	---	PASS
GSM1900	810	0.24617	0.3115	---	PASS
GPRS1900	512	0.24287	0.3130	---	PASS
GPRS1900	661	0.24495	0.3100	---	PASS
GPRS1900	810	0.24405	0.3029	---	PASS
EGPRS1900	512	0.24413	0.3093	---	PASS
EGPRS1900	661	0.24682	0.3100	---	PASS
EGPRS1900	810	0.24382	0.3087	---	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.97	-24.75	-13	PASS
GSM850	251	849.01	-24.54	-13	PASS
GPRS850	128	823.97	-25.19	-13	PASS
GPRS850	251	849.02	-24.43	-13	PASS
EGPRS850	128	823.98	-32.02	-13	PASS
EGPRS850	251	849.00	-33.58	-13	PASS
GSM1900	512	1849.97	-27.67	-13	PASS
GSM1900	810	1910.02	-25.98	-13	PASS
GPRS1900	512	1849.98	-27.01	-13	PASS
GPRS1900	810	1910.00	-28.71	-13	PASS
EGPRS1900	512	1849.99	-33.68	-13	PASS
EGPRS1900	810	1910.00	-30.82	-13	PASS