

Appendix for GSM850&GSM1900

Product Name: Tablet

Model No: MDT880

Appendix A: Conducted output power

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
GSM850	128	33.26	38.45	PASS
GSM850	190	33.45	38.45	PASS
GSM850	251	32.93	38.45	PASS
GSM1900	512	30.02	33.00	PASS
GSM1900	661	30.15	33.00	PASS
GSM1900	810	29.93	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	33.26	38.45	PASS
GPRS850	128	2	32.09	38.45	PASS
GPRS850	128	3	30.12	38.45	PASS
GPRS850	128	4	29.09	38.45	PASS
GPRS850	190	1	33.38	38.45	PASS
GPRS850	190	2	32.30	38.45	PASS
GPRS850	190	3	30.35	38.45	PASS
GPRS850	190	4	29.35	38.45	PASS
GPRS850	251	1	32.88	38.45	PASS
GPRS850	251	2	31.81	38.45	PASS
GPRS850	251	3	29.87	38.45	PASS
GPRS850	251	4	28.84	38.45	PASS
GPRS1900	512	1	29.81	33.00	PASS
GPRS1900	512	2	28.74	33.00	PASS
GPRS1900	512	3	26.77	33.00	PASS
GPRS1900	512	4	25.73	33.00	PASS
GPRS1900	661	1	29.91	33.00	PASS
GPRS1900	661	2	28.92	33.00	PASS
GPRS1900	661	3	27.00	33.00	PASS
GPRS1900	661	4	25.94	33.00	PASS
GPRS1900	810	1	29.90	33.00	PASS
GPRS1900	810	2	29.07	33.00	PASS
GPRS1900	810	3	27.27	33.00	PASS
GPRS1900	810	4	26.26	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	1	27.03	38.45	PASS
EGPRS850	128	2	25.80	38.45	PASS
EGPRS850	128	3	23.55	38.45	PASS

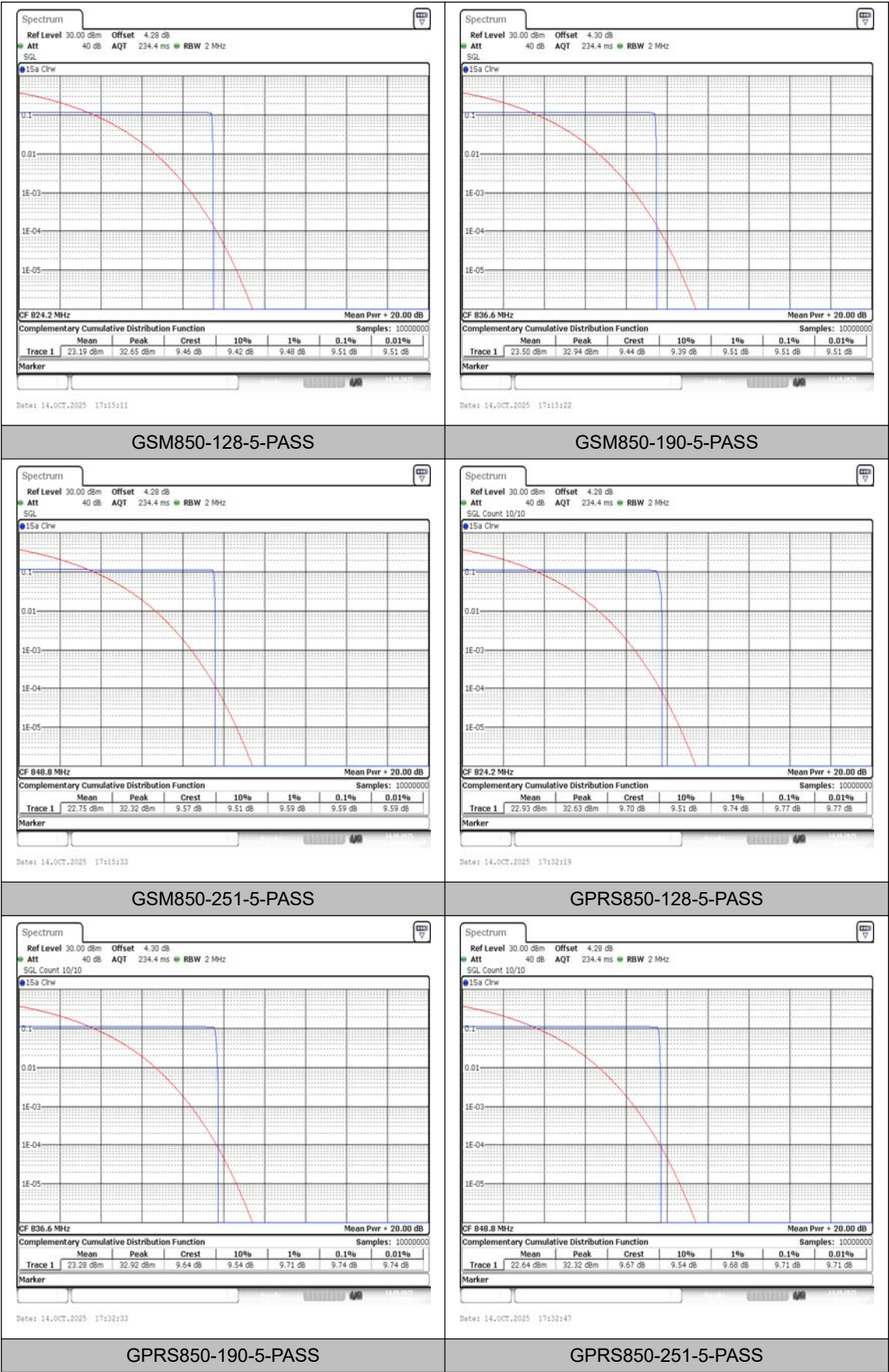
EGPRS850	128	4	22.35	38.45	PASS
EGPRS850	190	1	27.03	38.45	PASS
EGPRS850	190	2	25.91	38.45	PASS
EGPRS850	190	3	23.68	38.45	PASS
EGPRS850	190	4	22.44	38.45	PASS
EGPRS850	251	1	26.69	38.45	PASS
EGPRS850	251	2	25.54	38.45	PASS
EGPRS850	251	3	23.28	38.45	PASS
EGPRS850	251	4	22.08	38.45	PASS
EGPRS1900	512	1	25.46	33.00	PASS
EGPRS1900	512	2	24.47	33.00	PASS
EGPRS1900	512	3	22.37	33.00	PASS
EGPRS1900	512	4	21.35	33.00	PASS
EGPRS1900	661	1	25.61	33.00	PASS
EGPRS1900	661	2	24.64	33.00	PASS
EGPRS1900	661	3	22.62	33.00	PASS
EGPRS1900	661	4	21.53	33.00	PASS
EGPRS1900	810	1	26.10	33.00	PASS
EGPRS1900	810	2	25.17	33.00	PASS
EGPRS1900	810	3	23.13	33.00	PASS
EGPRS1900	810	4	22.04	33.00	PASS

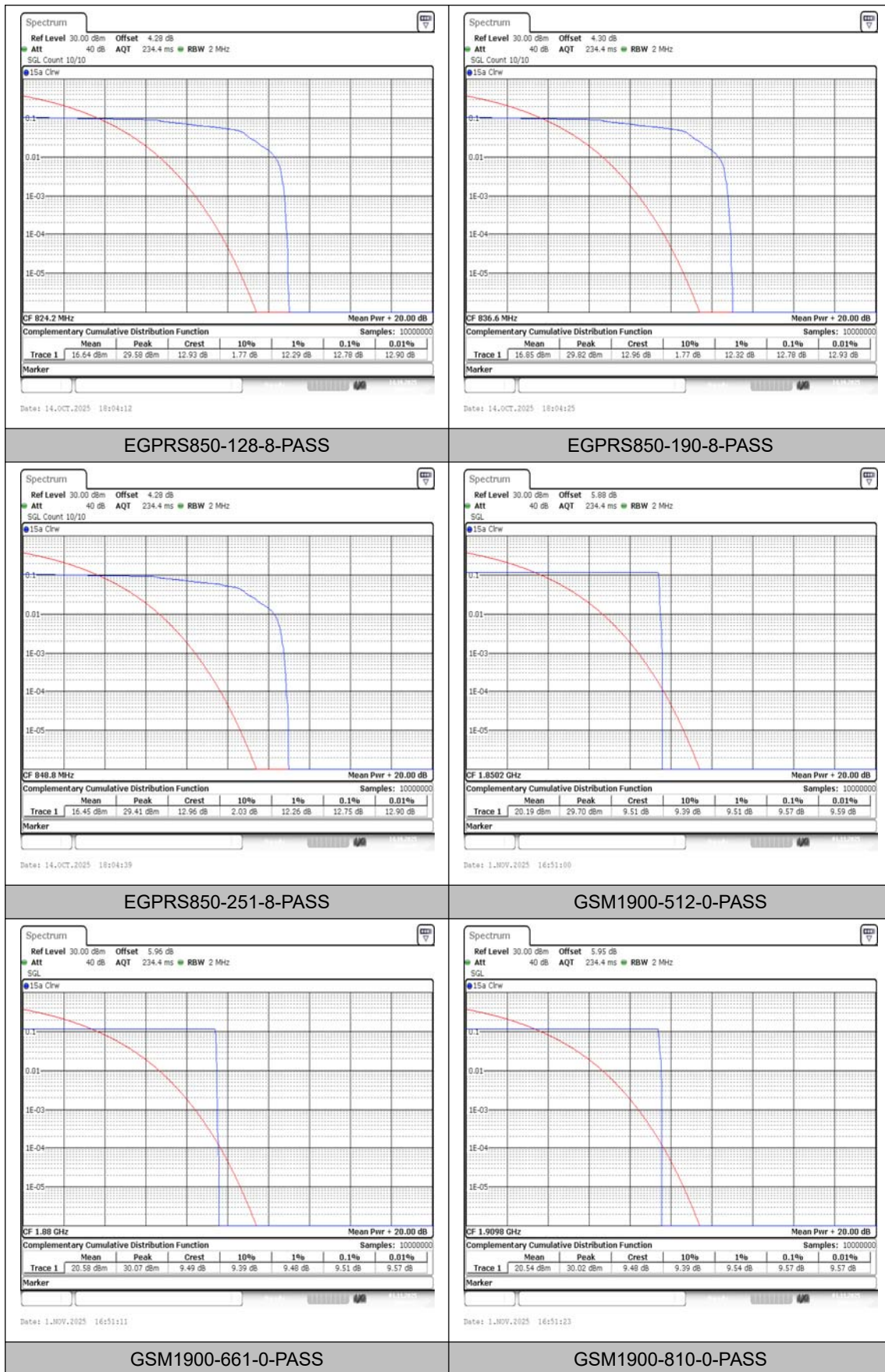
Appendix B: Peak-to-Average Ratio(CCDF)

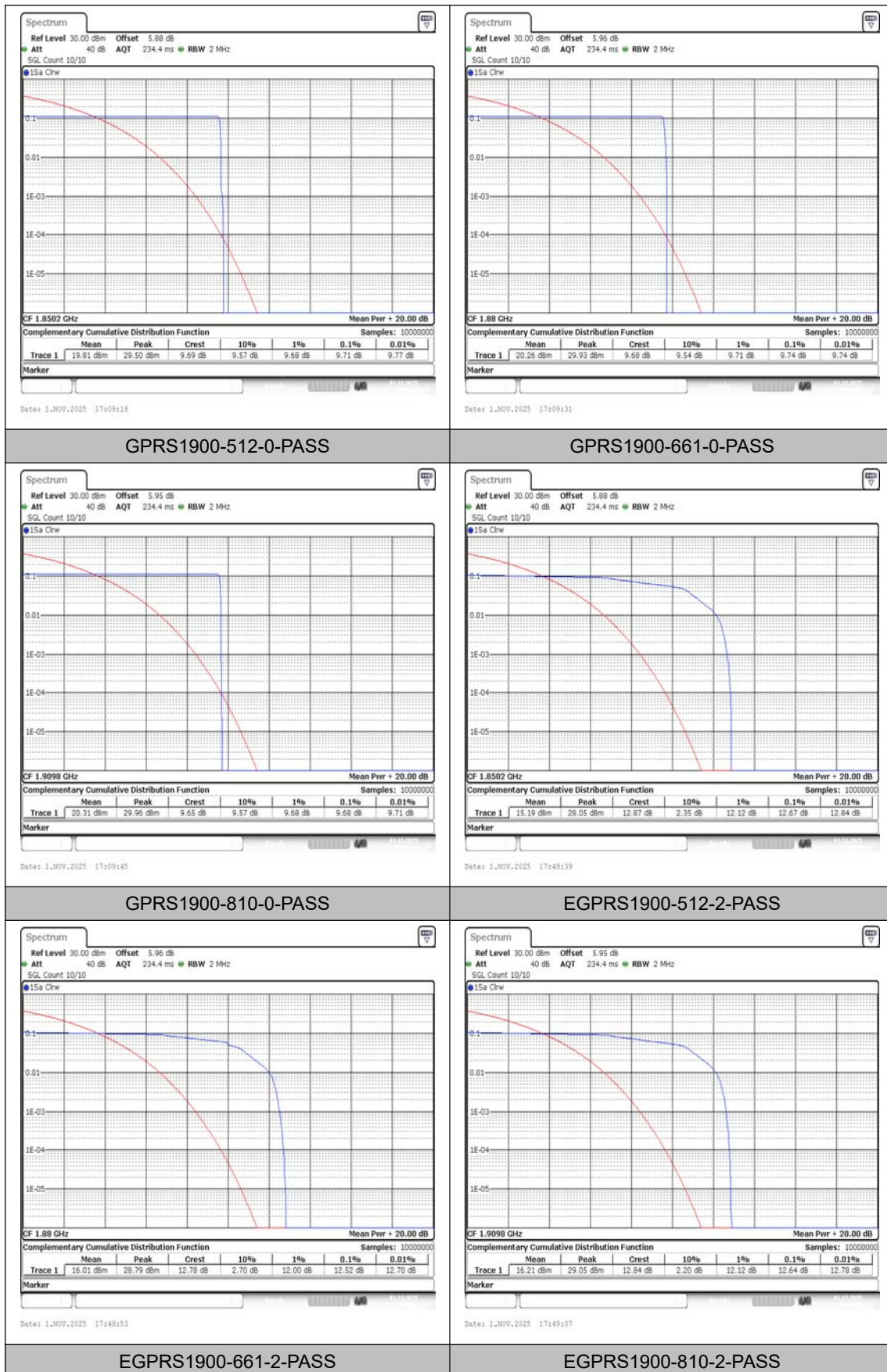
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.51	13	PASS
GSM850	190	9.51	13	PASS
GSM850	251	9.59	13	PASS
GPRS850	128	9.77	13	PASS
GPRS850	190	9.74	13	PASS
GPRS850	251	9.71	13	PASS
EGPRS850	128	12.78	13	PASS
EGPRS850	190	12.78	13	PASS
EGPRS850	251	12.75	13	PASS
GSM1900	512	9.57	13	PASS
GSM1900	661	9.51	13	PASS
GSM1900	810	9.57	13	PASS
GPRS1900	512	9.71	13	PASS
GPRS1900	661	9.74	13	PASS
GPRS1900	810	9.68	13	PASS
EGPRS1900	512	12.67	13	PASS
EGPRS1900	661	12.52	13	PASS
EGPRS1900	810	12.64	13	PASS

Test Graphs





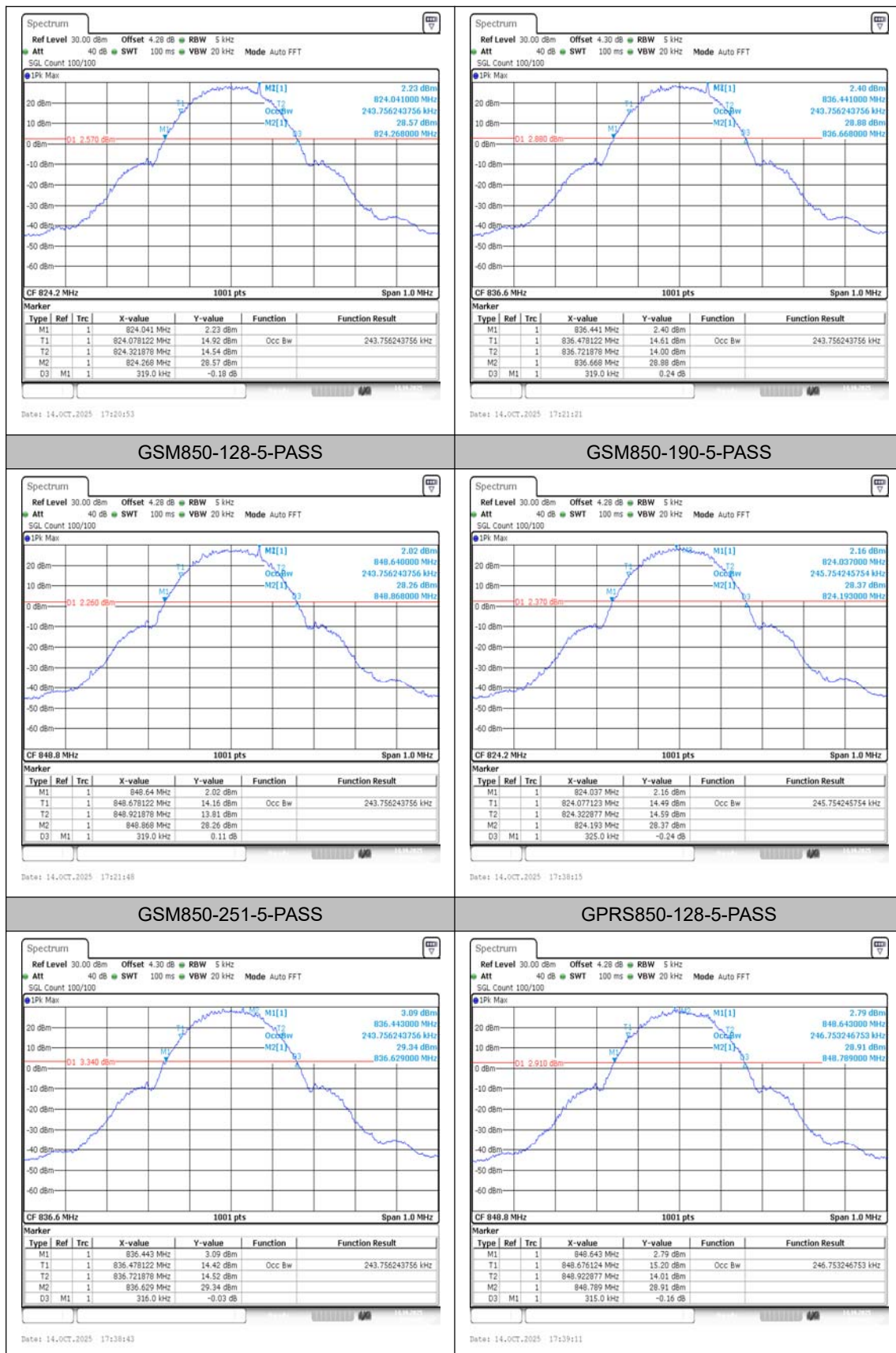


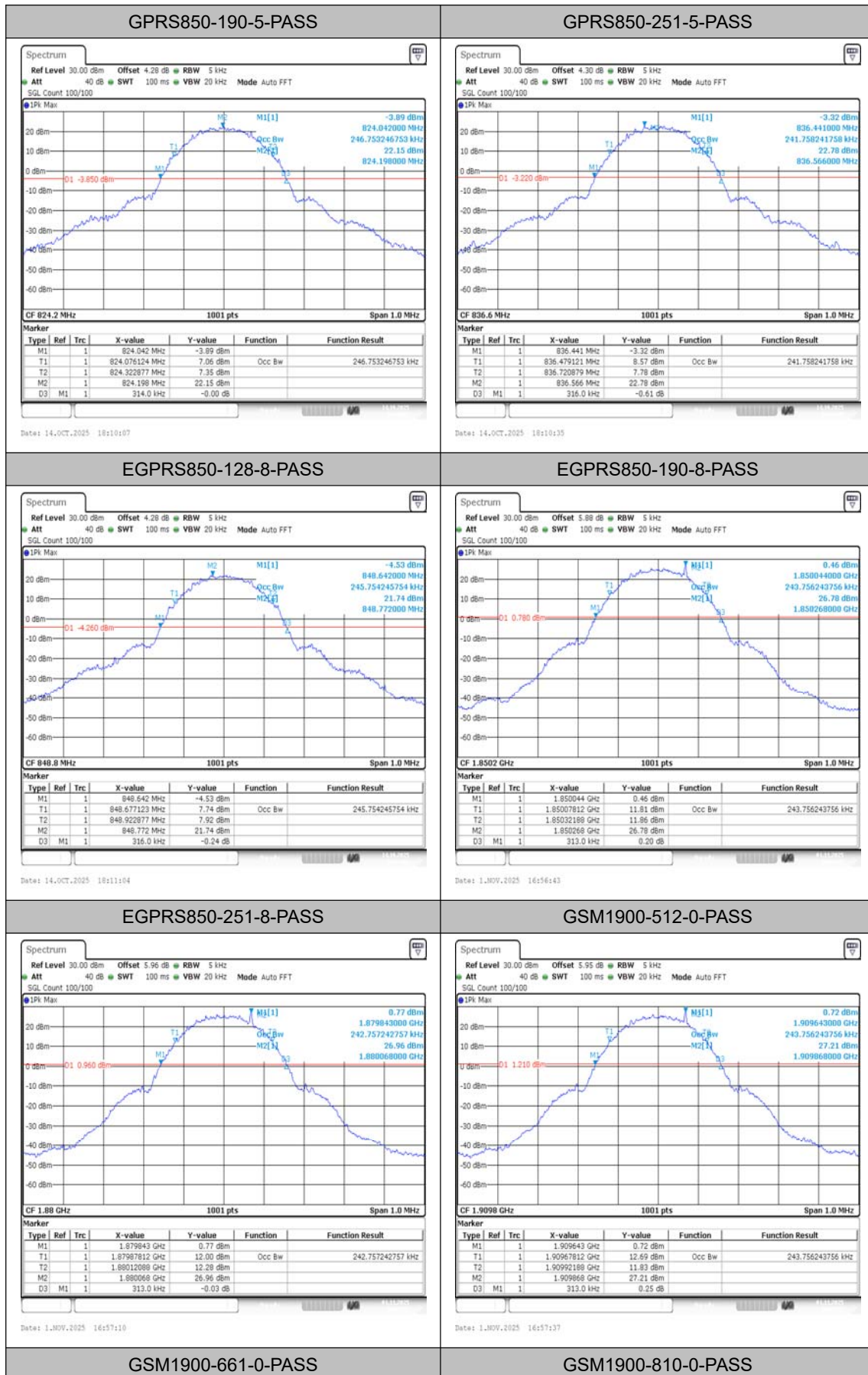
Appendix C: 26dB Bandwidth and Occupied Bandwidth

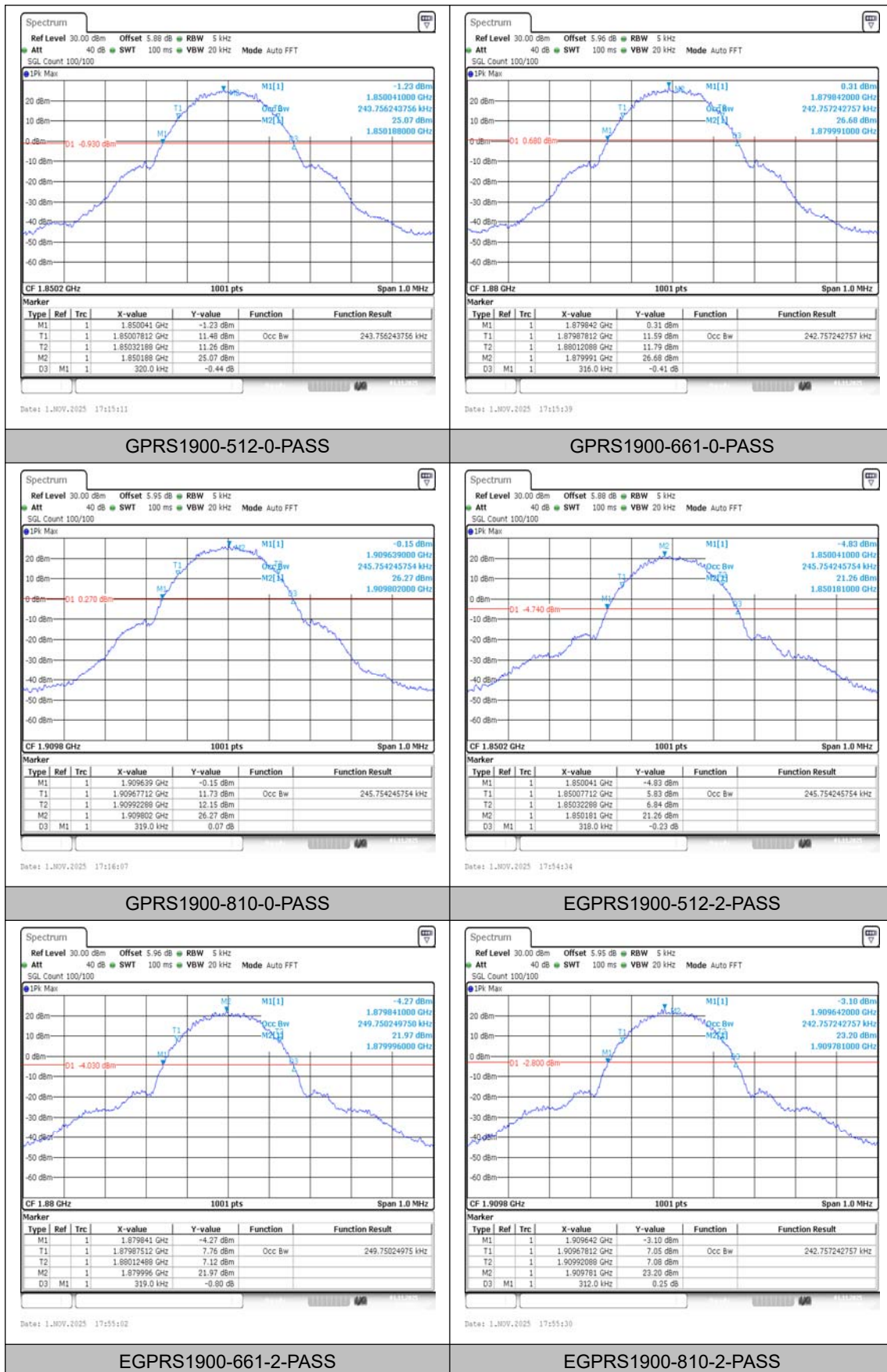
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.244	0.32	---	PASS
GSM850	190	0.244	0.32	---	PASS
GSM850	251	0.244	0.32	---	PASS
GPRS850	128	0.246	0.33	---	PASS
GPRS850	190	0.244	0.32	---	PASS
GPRS850	251	0.247	0.32	---	PASS
EGPRS850	128	0.247	0.31	---	PASS
EGPRS850	190	0.242	0.32	---	PASS
EGPRS850	251	0.246	0.32	---	PASS
GSM1900	512	0.244	0.31	---	PASS
GSM1900	661	0.243	0.31	---	PASS
GSM1900	810	0.244	0.31	---	PASS
GPRS1900	512	0.244	0.32	---	PASS
GPRS1900	661	0.243	0.32	---	PASS
GPRS1900	810	0.246	0.32	---	PASS
EGPRS1900	512	0.246	0.32	---	PASS
EGPRS1900	661	0.25	0.32	---	PASS
EGPRS1900	810	0.243	0.31	---	PASS

Test Graphs





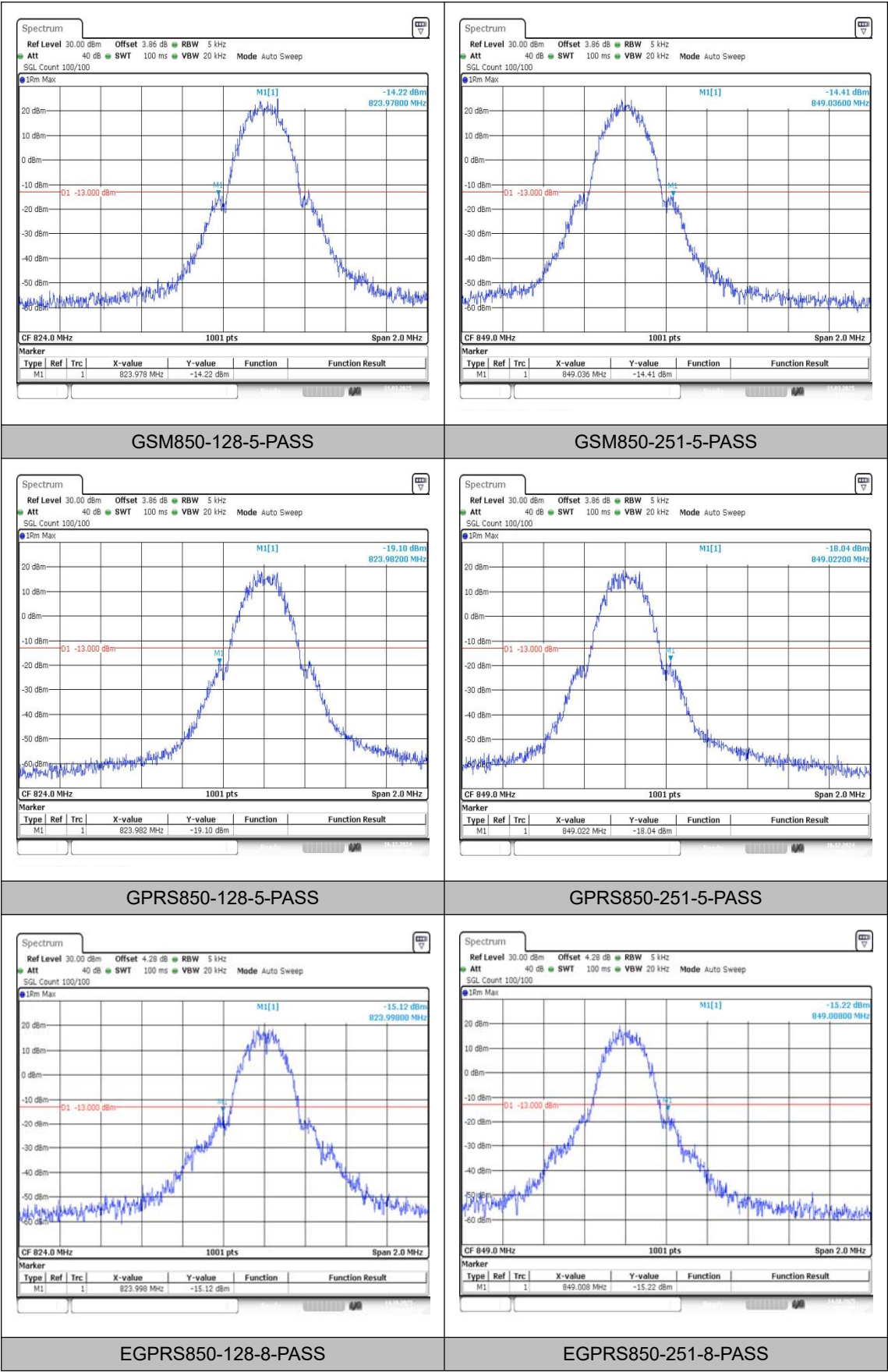


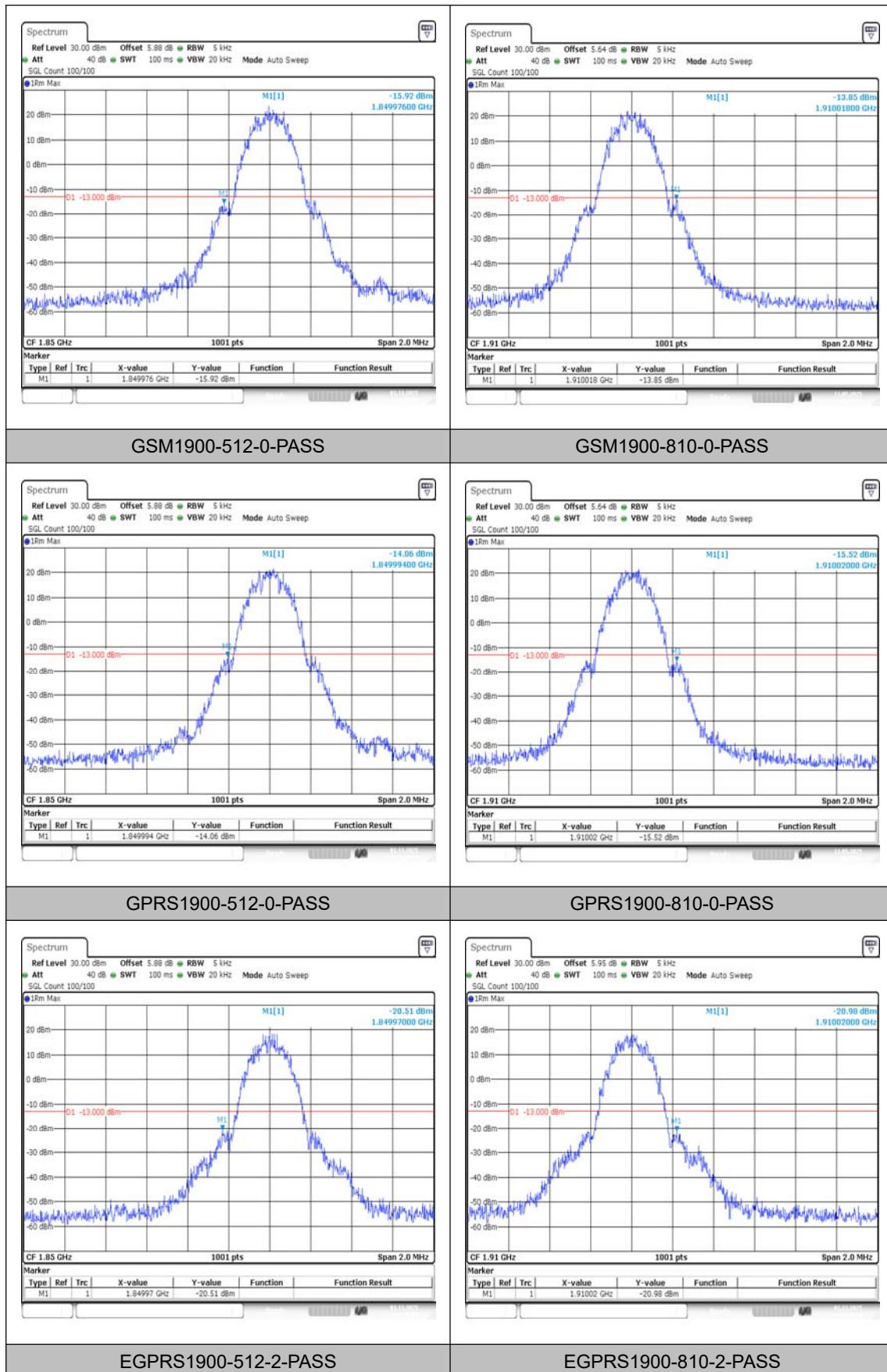
Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	824.00	-14.22	-13	PASS
GSM850	251	849.02	-14.41	-13	PASS
GPRS850	128	824.00	-19.10	-13	PASS
GPRS850	251	849.02	-18.04	-13	PASS
EGPRS850	128	824.00	-15.12	-13	PASS
EGPRS850	251	849.01	-15.22	-13	PASS
GSM1900	512	1849.98	-15.92	-13	PASS
GSM1900	810	1910.02	-13.85	-13	PASS
GPRS1900	512	1849.99	-14.06	-13	PASS
GPRS1900	810	1910.02	-15.52	-13	PASS
EGPRS1900	512	1849.97	-20.51	-13	PASS
EGPRS1900	810	1910.02	-20.98	-13	PASS

Test Graphs





Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	0.009~0.15MHz	0.01	-74.63	-33	PASS
GSM850	128	0.15~30MHz	0.17	-64.14	-23	PASS
GSM850	128	30~1000MHz	943.38	-48.99	-13	PASS
GSM850	128	1000~10000MHz	1648.43	-39.23	-13	PASS
GSM850	190	0.009~0.15MHz	0.01	-74.64	-33	PASS
GSM850	190	0.15~30MHz	0.15	-63.95	-23	PASS
GSM850	190	30~1000MHz	972.58	-49.05	-13	PASS
GSM850	190	1000~10000MHz	2509.7	-34.45	-13	PASS
GSM850	251	0.009~0.15MHz	0.01	-72.18	-33	PASS
GSM850	251	0.15~30MHz	0.16	-63.53	-23	PASS
GSM850	251	30~1000MHz	991.21	-49.09	-13	PASS
GSM850	251	1000~10000MHz	2546.3	-36.6	-13	PASS
GPRS850	128	0.009~0.15MHz	0.01	-74.19	-33	PASS
GPRS850	128	0.15~30MHz	0.15	-62.02	-23	PASS
GPRS850	128	30~1000MHz	940.12	-49	-13	PASS
GPRS850	128	1000~10000MHz	1648.73	-38.9	-13	PASS
GPRS850	190	0.009~0.15MHz	0.01	-76.4	-33	PASS
GPRS850	190	0.15~30MHz	0.16	-63.45	-23	PASS
GPRS850	190	30~1000MHz	995.51	-48.64	-13	PASS
GPRS850	190	1000~10000MHz	1673.33	-36.11	-13	PASS
GPRS850	251	0.009~0.15MHz	0.01	-73.22	-33	PASS
GPRS850	251	0.15~30MHz	0.16	-63.08	-23	PASS
GPRS850	251	30~1000MHz	989.94	-49.06	-13	PASS
GPRS850	251	1000~10000MHz	1697.63	-37.24	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.01	-76.61	-33	PASS
EGPRS850	128	0.15~30MHz	0.17	-63.5	-23	PASS
EGPRS850	128	30~1000MHz	994.34	-48.86	-13	PASS
EGPRS850	128	1000~10000MHz	6578.76	-46.94	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.01	-77.45	-33	PASS
EGPRS850	190	0.15~30MHz	0.16	-64.08	-23	PASS
EGPRS850	190	30~1000MHz	981.99	-48.97	-13	PASS
EGPRS850	190	1000~10000MHz	6560.76	-46.94	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.01	-77.59	-33	PASS
EGPRS850	251	0.15~30MHz	0.15	-64.27	-23	PASS
EGPRS850	251	30~1000MHz	976.66	-48.99	-13	PASS

EGPRS850	251	1000~10000MHz	1697.33	-45.79	-13	PASS
GSM1900	512	0.009~0.15MHz	0.01	-69.53	-43	PASS
GSM1900	512	0.15~30MHz	0.25	-63.99	-33	PASS
GSM1900	512	30~1000MHz	895.75	-45.68	-13	PASS
GSM1900	512	1000~3000MHz	2972.47	-34.68	-13	PASS
GSM1900	512	3000~18000MHz	3700.73	-35.9	-13	PASS
GSM1900	661	0.009~0.15MHz	0.01	-67.11	-43	PASS
GSM1900	661	0.15~30MHz	0.15	-63.44	-33	PASS
GSM1900	661	30~1000MHz	978.39	-45.58	-13	PASS
GSM1900	661	1000~3000MHz	2964.87	-34.79	-13	PASS
GSM1900	661	3000~18000MHz	3760.22	-31.62	-13	PASS
GSM1900	810	0.009~0.15MHz	0.01	-69.78	-43	PASS
GSM1900	810	0.15~30MHz	0.15	-63.65	-33	PASS
GSM1900	810	30~1000MHz	968.95	-45.6	-13	PASS
GSM1900	810	1000~3000MHz	2963.8	-34.58	-13	PASS
GSM1900	810	3000~18000MHz	3819.72	-36.69	-13	PASS
GPRS1900	512	0.009~0.15MHz	0.01	-69.94	-43	PASS
GPRS1900	512	0.15~30MHz	0.16	-62.41	-33	PASS
GPRS1900	512	30~1000MHz	908.87	-45.54	-13	PASS
GPRS1900	512	1000~3000MHz	2994.53	-34.83	-13	PASS
GPRS1900	512	3000~18000MHz	3699.73	-42.93	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-69.04	-43	PASS
GPRS1900	661	0.15~30MHz	0.16	-64	-33	PASS
GPRS1900	661	30~1000MHz	987.67	-45.49	-13	PASS
GPRS1900	661	1000~3000MHz	2957.73	-34.74	-13	PASS
GPRS1900	661	3000~18000MHz	3759.72	-32	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-67.39	-43	PASS
GPRS1900	810	0.15~30MHz	0.15	-63.08	-33	PASS
GPRS1900	810	30~1000MHz	990.51	-45.68	-13	PASS
GPRS1900	810	1000~3000MHz	2966.47	-34.72	-13	PASS
GPRS1900	810	3000~18000MHz	3819.72	-36.3	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.02	-73.56	-43	PASS
EGPRS1900	512	0.15~30MHz	0.16	-63.76	-33	PASS
EGPRS1900	512	30~1000MHz	936.81	-45.67	-13	PASS
EGPRS1900	512	1000~3000MHz	2888.87	-34.72	-13	PASS
EGPRS1900	512	3000~18000MHz	3700.73	-42.68	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.03	-71.79	-43	PASS
EGPRS1900	661	0.15~30MHz	0.17	-63.72	-33	PASS
EGPRS1900	661	30~1000MHz	854.3	-45.67	-13	PASS
EGPRS1900	661	1000~3000MHz	2838.6	-34.74	-13	PASS
EGPRS1900	661	3000~18000MHz	3760.22	-43.13	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.01	-71.48	-43	PASS

EGPRS1900	810	0.15~30MHz	0.15	-63.54	-33	PASS
EGPRS1900	810	30~1000MHz	908	-45.58	-13	PASS
EGPRS1900	810	1000~3000MHz	2948.93	-34.76	-13	PASS
EGPRS1900	810	3000~18000MHz	3819.72	-39.05	-13	PASS

Test Graphs

