

Appendix for GSM 850 & 1900

Product Name: Tablet

Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Channel	Power(dBm)	Verdict
GSM850	128	33.26	PASS
GSM850	190	33.14	PASS
GSM850	251	33.29	PASS
GSM1900	512	30.71	PASS
GSM1900	661	30.50	PASS
GSM1900	810	30.09	PASS

Band	Channel	Slot	Power(dBm)	Verdict
GPRS850	128	1	33.34	PASS
GPRS850	128	2	32.61	PASS
GPRS850	128	3	30.84	PASS
GPRS850	128	4	29.78	PASS
GPRS850	190	1	33.18	PASS
GPRS850	190	2	32.47	PASS
GPRS850	190	3	30.68	PASS
GPRS850	190	4	29.60	PASS
GPRS850	251	1	33.31	PASS
GPRS850	251	2	32.55	PASS
GPRS850	251	3	30.65	PASS
GPRS850	251	4	29.55	PASS
GPRS1900	512	1	30.72	PASS
GPRS1900	512	2	29.75	PASS
GPRS1900	512	3	27.59	PASS
GPRS1900	512	4	26.47	PASS
GPRS1900	661	1	30.47	PASS
GPRS1900	661	2	29.57	PASS
GPRS1900	661	3	27.43	PASS
GPRS1900	661	4	26.33	PASS
GPRS1900	810	1	30.06	PASS
GPRS1900	810	2	29.37	PASS
GPRS1900	810	3	27.53	PASS
GPRS1900	810	4	26.48	PASS

Band	Channel	Slot	Power(dBm)	Verdict
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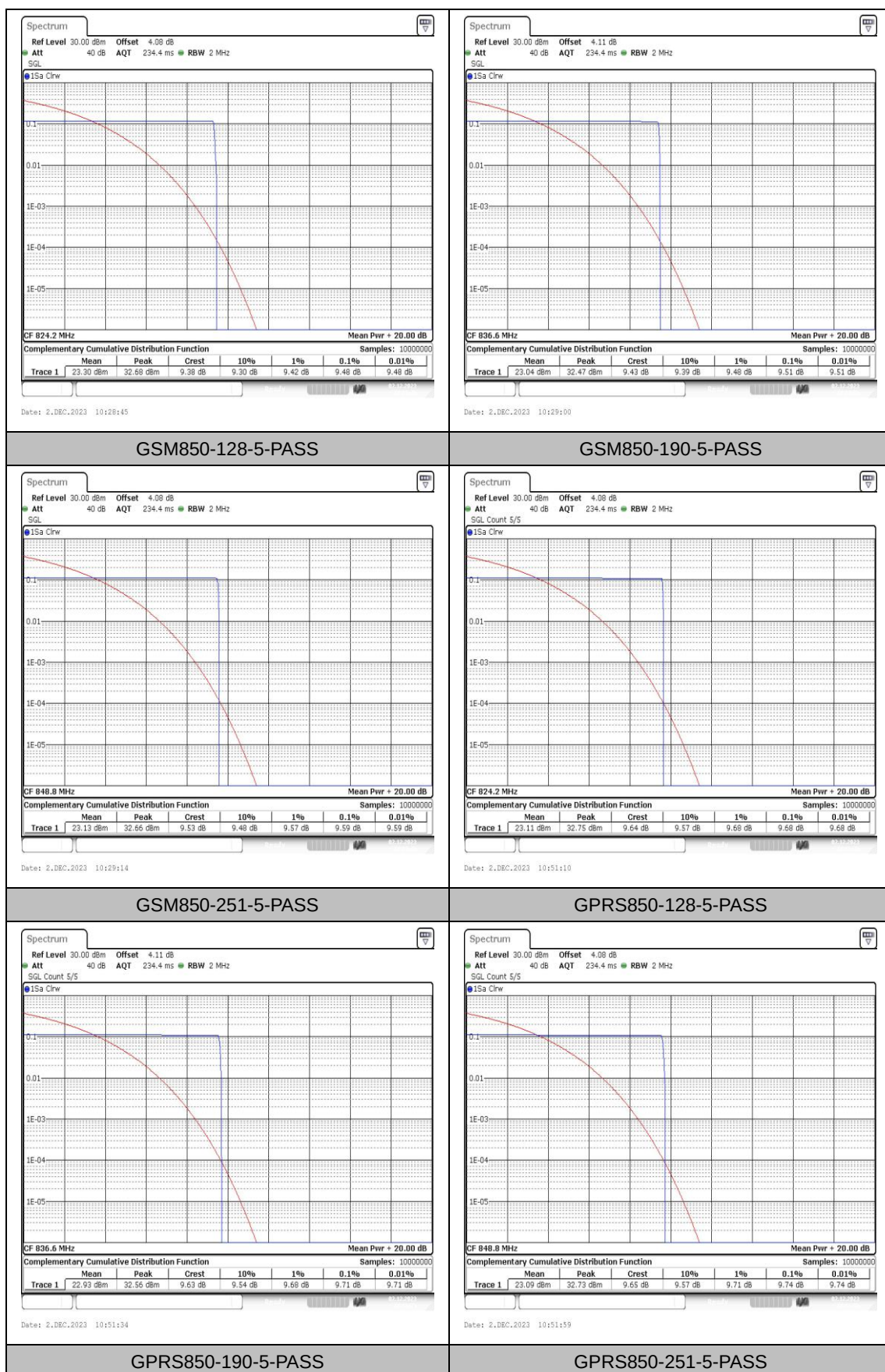
EGPRS850	128	1	27.49	PASS
EGPRS850	128	2	26.46	PASS
EGPRS850	128	3	24.69	PASS
EGPRS850	128	4	23.72	PASS
EGPRS850	190	1	27.29	PASS
EGPRS850	190	2	26.30	PASS
EGPRS850	190	3	24.41	PASS
EGPRS850	190	4	23.48	PASS
EGPRS850	251	1	27.22	PASS
EGPRS850	251	2	26.21	PASS
EGPRS850	251	3	24.37	PASS
EGPRS850	251	4	23.42	PASS
EGPRS1900	512	1	26.76	PASS
EGPRS1900	512	2	25.78	PASS
EGPRS1900	512	3	23.94	PASS
EGPRS1900	512	4	22.83	PASS
EGPRS1900	661	1	26.45	PASS
EGPRS1900	661	2	25.53	PASS
EGPRS1900	661	3	23.73	PASS
EGPRS1900	661	4	22.62	PASS
EGPRS1900	810	1	26.60	PASS
EGPRS1900	810	2	25.76	PASS
EGPRS1900	810	3	23.97	PASS
EGPRS1900	810	4	22.96	PASS

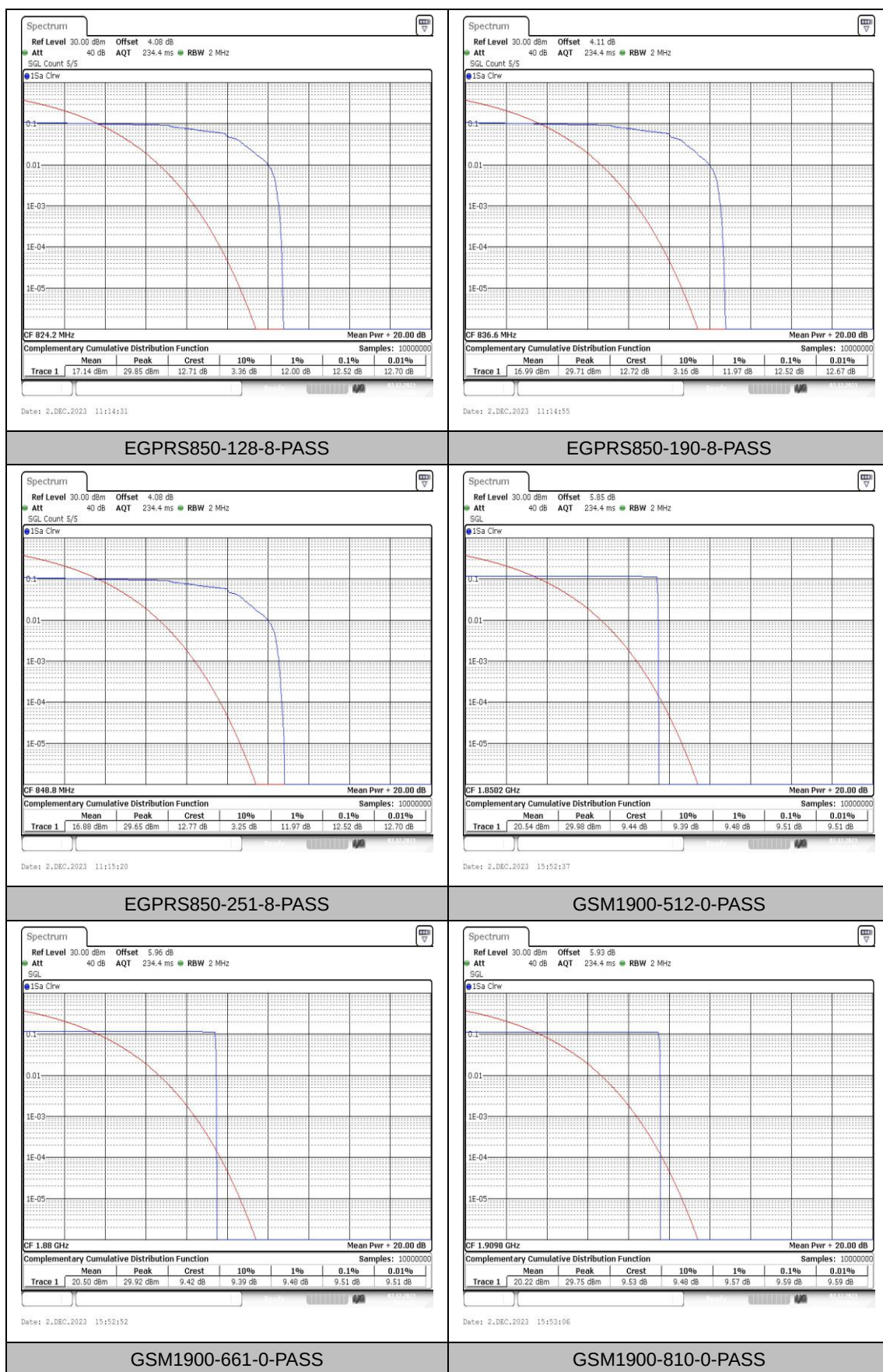
Appendix B: Peak-to-Average Ratio(CCDF)

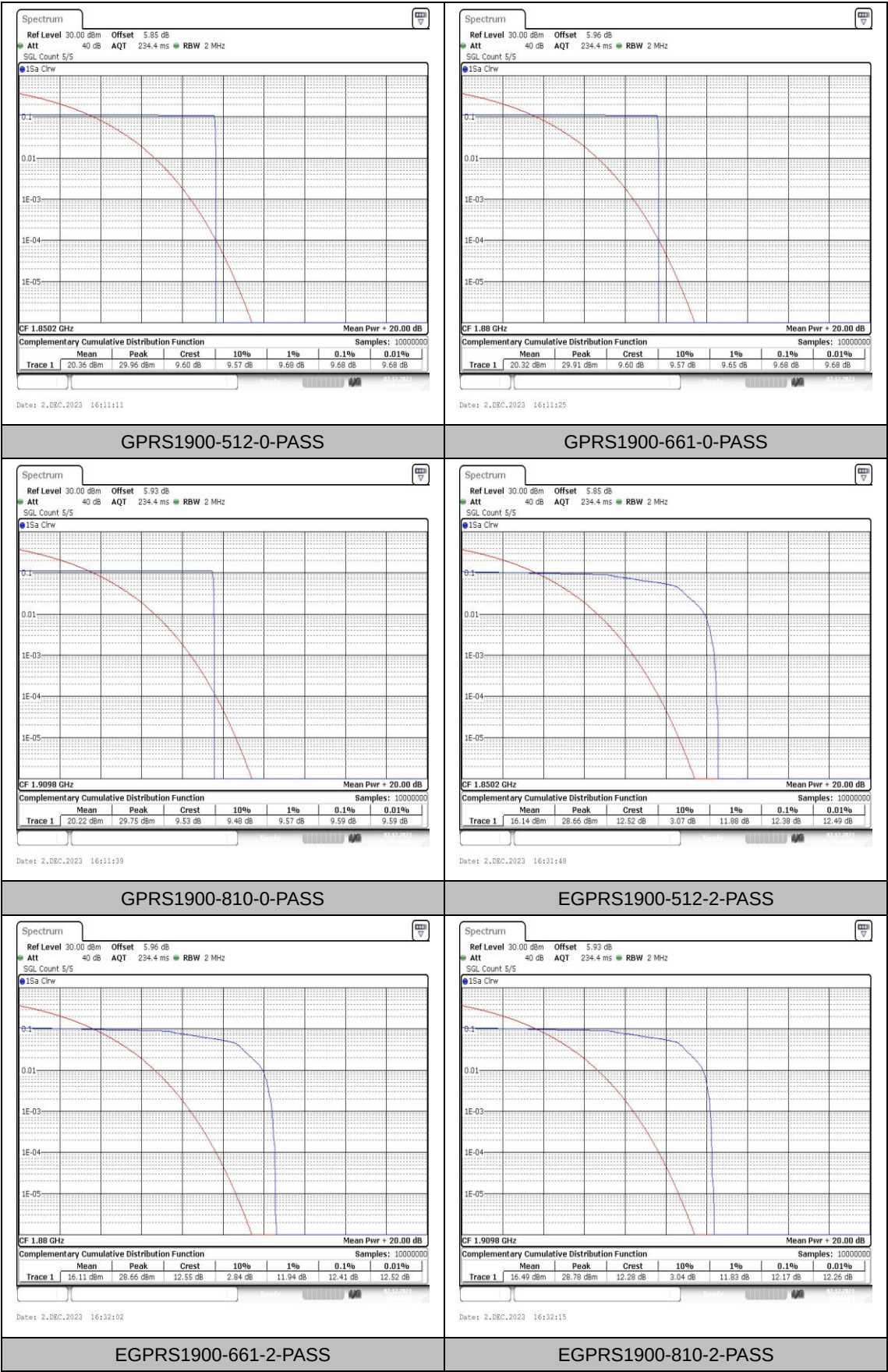
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.48	13	PASS
GSM850	190	9.51	13	PASS
GSM850	251	9.59	13	PASS
GPRS850	128	9.68	13	PASS
GPRS850	190	9.71	13	PASS
GPRS850	251	9.74	13	PASS
EGPRS850	128	12.52	13	PASS
EGPRS850	190	12.52	13	PASS
EGPRS850	251	12.52	13	PASS
GSM1900	512	9.51	13	PASS
GSM1900	661	9.51	13	PASS
GSM1900	810	9.59	13	PASS
GPRS1900	512	9.68	13	PASS
GPRS1900	661	9.68	13	PASS
GPRS1900	810	9.59	13	PASS
EGPRS1900	512	12.38	13	PASS
EGPRS1900	661	12.41	13	PASS
EGPRS1900	810	12.17	13	PASS

Test Graphs





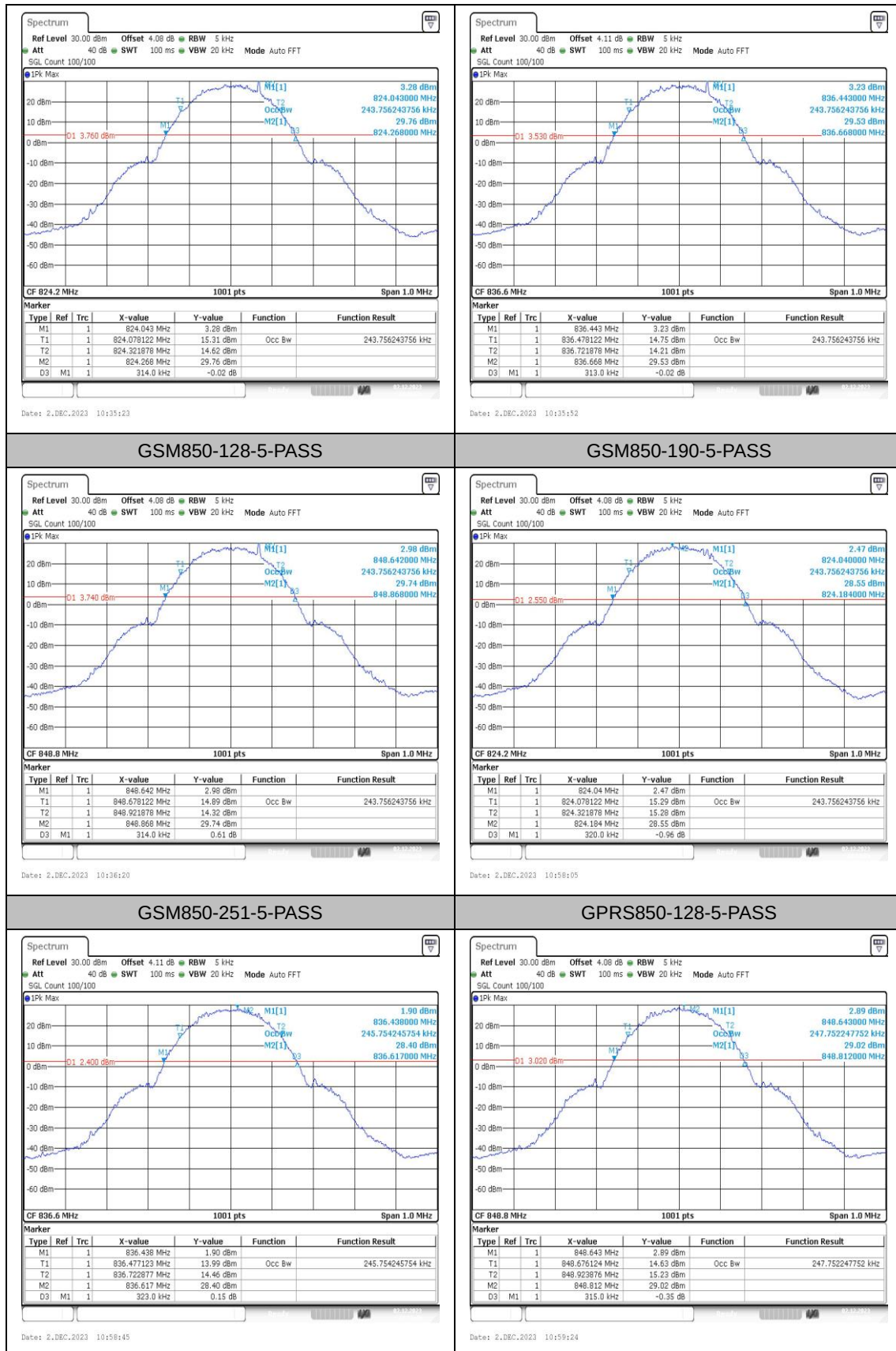


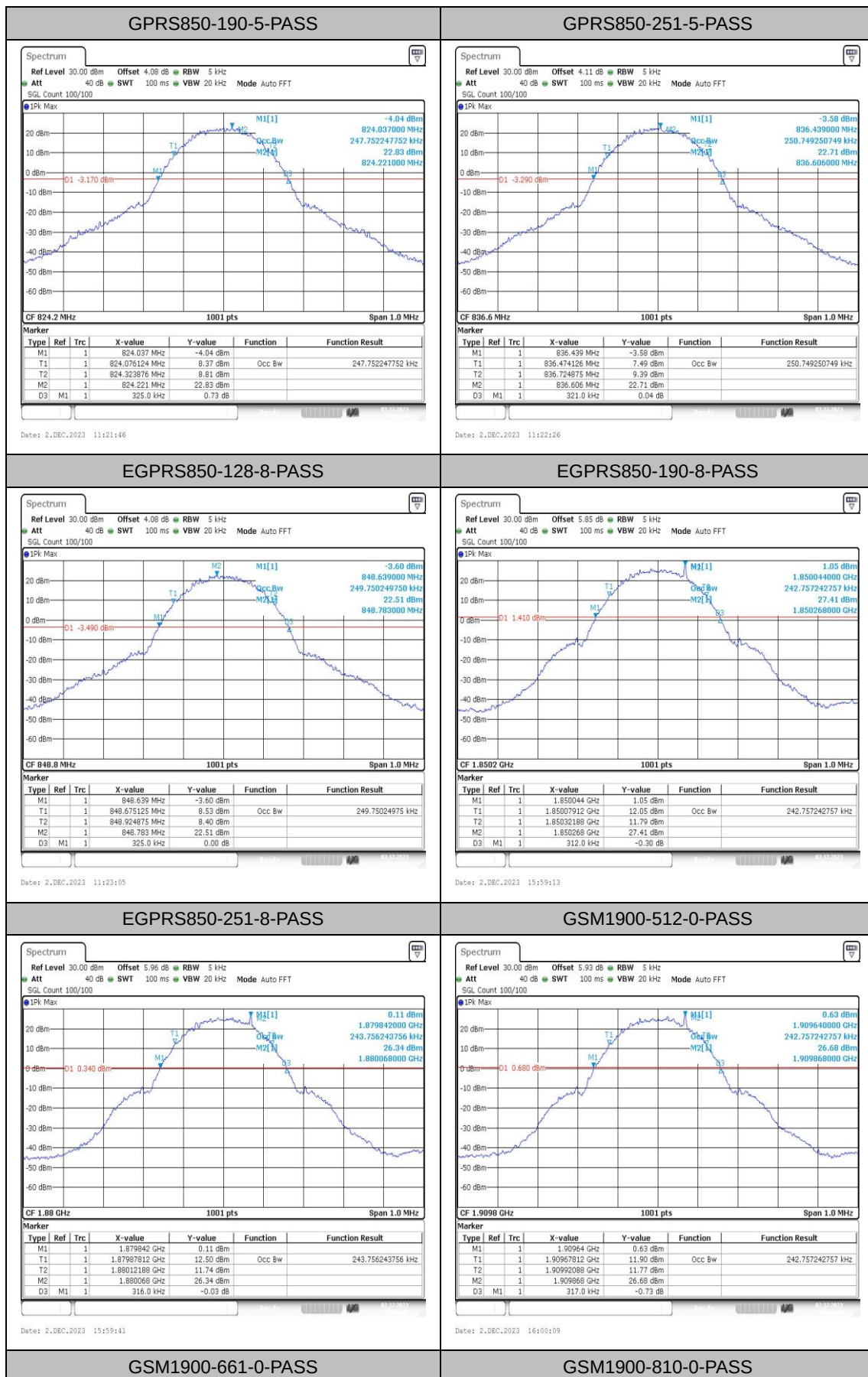
Appendix C: 26dB Bandwidth and Occupied Bandwidth

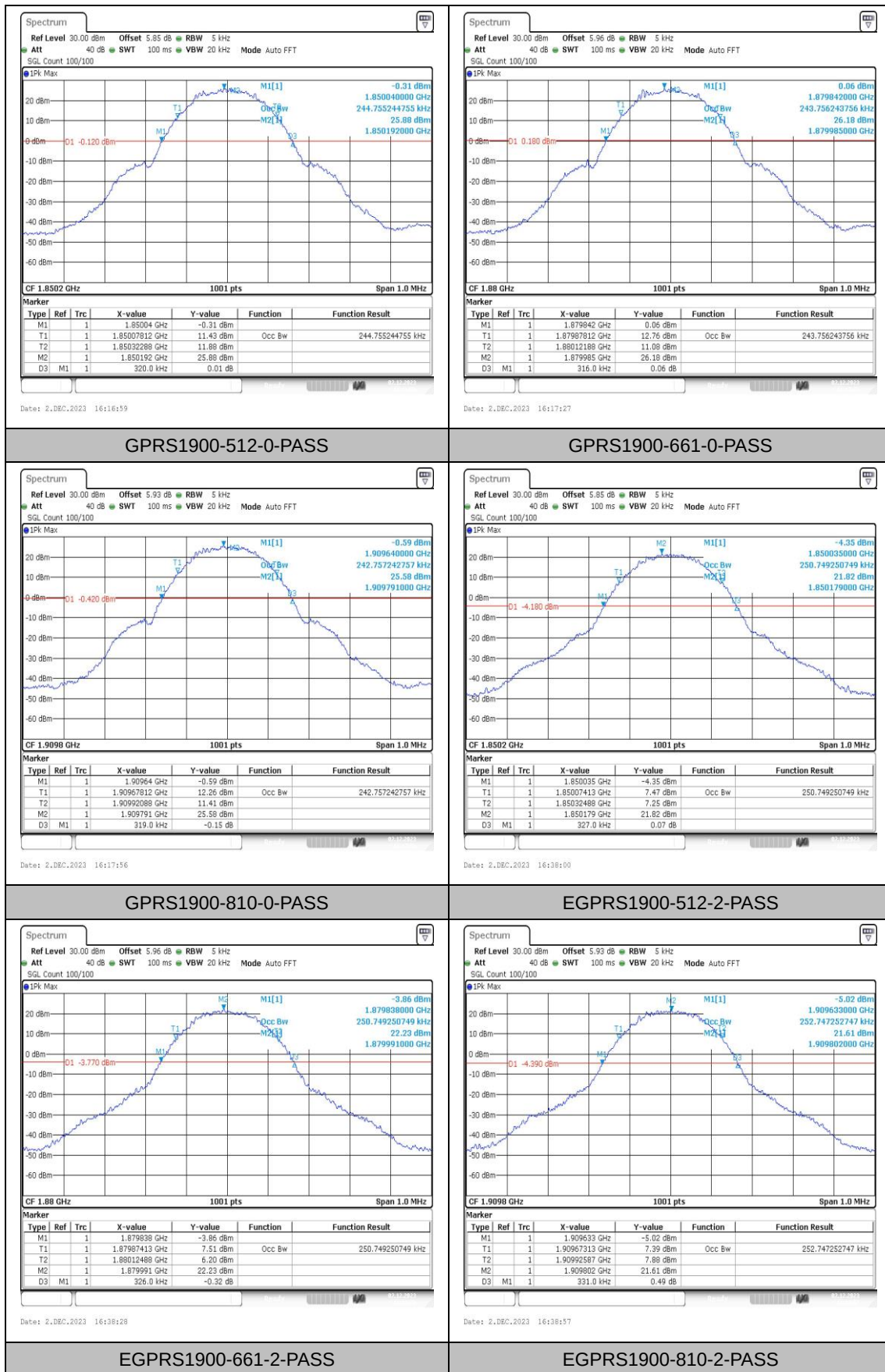
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.244	0.31	---	PASS
GSM850	190	0.244	0.31	---	PASS
GSM850	251	0.244	0.31	---	PASS
GPRS850	128	0.244	0.32	---	PASS
GPRS850	190	0.246	0.32	---	PASS
GPRS850	251	0.248	0.32	---	PASS
EGPRS850	128	0.248	0.33	---	PASS
EGPRS850	190	0.251	0.32	---	PASS
EGPRS850	251	0.25	0.32	---	PASS
GSM1900	512	0.243	0.31	---	PASS
GSM1900	661	0.244	0.32	---	PASS
GSM1900	810	0.243	0.32	---	PASS
GPRS1900	512	0.245	0.32	---	PASS
GPRS1900	661	0.244	0.32	---	PASS
GPRS1900	810	0.243	0.32	---	PASS
EGPRS1900	512	0.251	0.33	---	PASS
EGPRS1900	661	0.251	0.33	---	PASS
EGPRS1900	810	0.253	0.33	---	PASS

Test Graphs





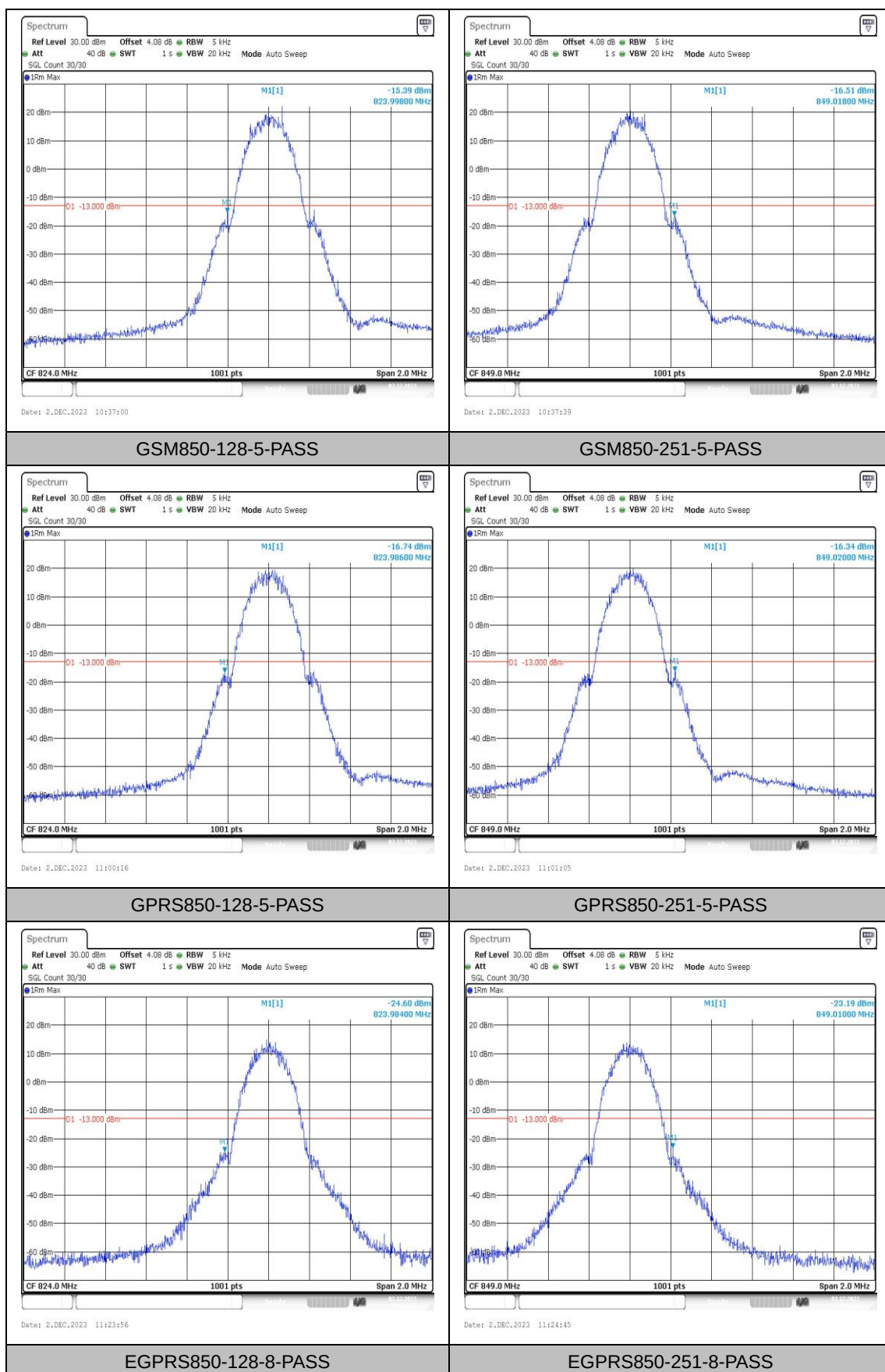


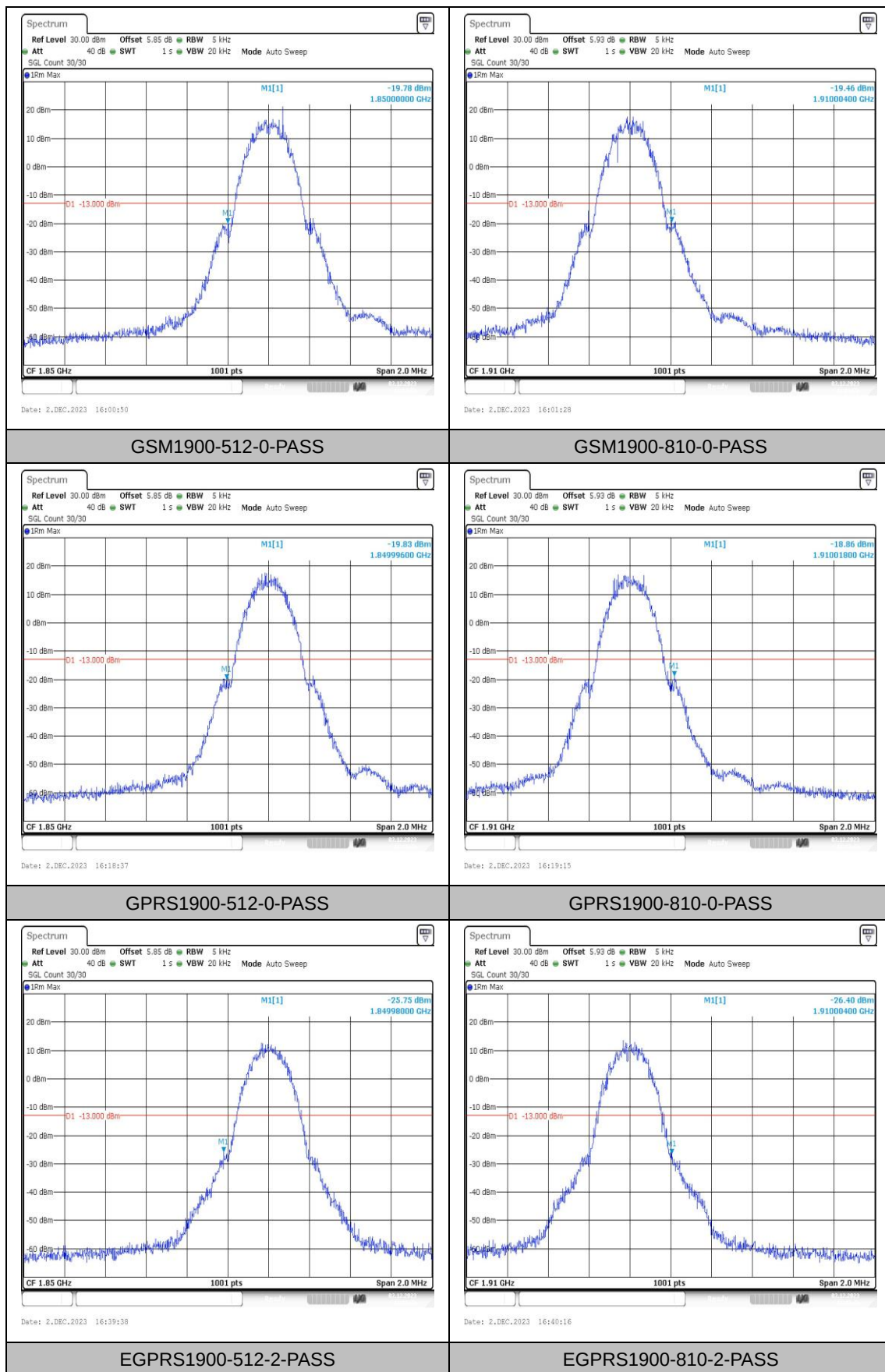
Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	824.00	-15.39	-13	PASS
GSM850	251	849.02	-16.51	-13	PASS
GPRS850	128	823.99	-16.74	-13	PASS
GPRS850	251	849.02	-16.34	-13	PASS
EGPRS850	128	823.98	-24.60	-13	PASS
EGPRS850	251	849.01	-23.19	-13	PASS
GSM1900	512	1850.00	-19.78	-13	PASS
GSM1900	810	1910.00	-19.46	-13	PASS
GPRS1900	512	1850.00	-19.83	-13	PASS
GPRS1900	810	1910.02	-18.86	-13	PASS
EGPRS1900	512	1849.98	-25.75	-13	PASS
EGPRS1900	810	1910.00	-26.40	-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	-73.42	-33	PASS
GSM850	128	0.15~30MHz	0.53	-63.35	-23	PASS
GSM850	128	30~1000MHz	977.63	-52.12	-13	PASS
GSM850	128	1000~10000MHz	2472.5	-36.52	-13	PASS
GSM850	190	0.009~0.15MHz	0.01	-73.87	-33	PASS
GSM850	190	0.15~30MHz	0.2	-63.72	-23	PASS
GSM850	190	30~1000MHz	956.64	-51.63	-13	PASS
GSM850	190	1000~10000MHz	2510	-38.57	-13	PASS
GSM850	251	0.009~0.15MHz	0.01	-71.45	-33	PASS
GSM850	251	0.15~30MHz	0.16	-62.72	-23	PASS
GSM850	251	30~1000MHz	991.4	-51.93	-13	PASS
GSM850	251	1000~10000MHz	2546.3	-36.17	-13	PASS
GPRS850	128	0.009~0.15MHz	0.01	-72.49	-33	PASS
GPRS850	128	0.15~30MHz	0.15	-63.95	-23	PASS
GPRS850	128	30~1000MHz	984.45	-51.75	-13	PASS
GPRS850	128	1000~10000MHz	6575.16	-50.33	-13	PASS
GPRS850	190	0.009~0.15MHz	0.01	-73.85	-33	PASS
GPRS850	190	0.15~30MHz	0.44	-64.17	-23	PASS
GPRS850	190	30~1000MHz	954.99	-51.85	-13	PASS
GPRS850	190	1000~10000MHz	6614.76	-50.21	-13	PASS
GPRS850	251	0.009~0.15MHz	0.01	-71.42	-33	PASS
GPRS850	251	0.15~30MHz	0.21	-64.19	-23	PASS
GPRS850	251	30~1000MHz	980.76	-51.79	-13	PASS
GPRS850	251	1000~10000MHz	1697.63	-32.23	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.01	-71.47	-33	PASS
EGPRS850	128	0.15~30MHz	0.35	-63.85	-23	PASS
EGPRS850	128	30~1000MHz	987.1	-51.98	-13	PASS
EGPRS850	128	1000~10000MHz	6621.66	-50.05	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.02	-74.11	-33	PASS
EGPRS850	190	0.15~30MHz	0.25	-62.98	-23	PASS
EGPRS850	190	30~1000MHz	993.7	-52.08	-13	PASS
EGPRS850	190	1000~10000MHz	6595.26	-50.2	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.01	-73.75	-33	PASS
EGPRS850	251	0.15~30MHz	0.21	-62.84	-23	PASS
EGPRS850	251	30~1000MHz	652.64	-51.92	-13	PASS
EGPRS850	251	1000~10000MHz	1697.33	-48.42	-13	PASS

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GSM1900	512	0.009~0.15MHz	0.01	-65.98	-43	PASS
GSM1900	512	0.15~30MHz	0.17	-62.73	-33	PASS
GSM1900	512	30~1000MHz	965.84	-49.08	-13	PASS
GSM1900	512	1000~3000MHz	2874.67	-38.15	-13	PASS
GSM1900	512	3000~18000MHz	3700.23	-31.84	-13	PASS
GSM1900	661	0.009~0.15MHz	0.01	-66.65	-43	PASS
GSM1900	661	0.15~30MHz	0.17	-62.07	-33	PASS
GSM1900	661	30~1000MHz	972.53	-49.02	-13	PASS
GSM1900	661	1000~3000MHz	2939.2	-38	-13	PASS
GSM1900	661	3000~18000MHz	5640.16	-40.75	-13	PASS
GSM1900	810	0.009~0.15MHz	0.01	-67.64	-43	PASS
GSM1900	810	0.15~30MHz	0.21	-62.91	-33	PASS
GSM1900	810	30~1000MHz	947.8	-48.94	-13	PASS
GSM1900	810	1000~3000MHz	2961.47	-38.2	-13	PASS
GSM1900	810	3000~18000MHz	6584.63	-47.57	-13	PASS
GPRS1900	512	0.009~0.15MHz	0.01	-65.91	-43	PASS
GPRS1900	512	0.15~30MHz	0.3	-63.51	-33	PASS
GPRS1900	512	30~1000MHz	979.13	-49.01	-13	PASS
GPRS1900	512	1000~3000MHz	2986.93	-37.99	-13	PASS
GPRS1900	512	3000~18000MHz	5550.66	-36.83	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-67.2	-43	PASS
GPRS1900	661	0.15~30MHz	0.17	-64.37	-33	PASS
GPRS1900	661	30~1000MHz	950	-49.09	-13	PASS
GPRS1900	661	1000~3000MHz	2973.8	-38.06	-13	PASS
GPRS1900	661	3000~18000MHz	3759.72	-32	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-68.29	-43	PASS
GPRS1900	810	0.15~30MHz	0.19	-62.6	-33	PASS
GPRS1900	810	30~1000MHz	897.59	-49.06	-13	PASS
GPRS1900	810	1000~3000MHz	2947.73	-38.03	-13	PASS
GPRS1900	810	3000~18000MHz	5729.16	-42.25	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.02	-67.69	-43	PASS
EGPRS1900	512	0.15~30MHz	0.16	-62.48	-33	PASS
EGPRS1900	512	30~1000MHz	926.11	-49.08	-13	PASS
EGPRS1900	512	1000~3000MHz	2981.33	-38.04	-13	PASS
EGPRS1900	512	3000~18000MHz	5550.66	-46.65	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.02	-68.76	-43	PASS
EGPRS1900	661	0.15~30MHz	0.15	-62.27	-33	PASS
EGPRS1900	661	30~1000MHz	986.53	-48.97	-13	PASS
EGPRS1900	661	1000~3000MHz	2938.87	-38.01	-13	PASS
EGPRS1900	661	3000~18000MHz	6618.13	-47.22	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.01	-67.86	-43	PASS
EGPRS1900	810	0.15~30MHz	0.15	-63.7	-33	PASS

EGPRS1900	810	30~1000MHz	984.5	-48.9	-13	PASS
EGPRS1900	810	1000~3000MHz	2967	-38.15	-13	PASS
EGPRS1900	810	3000~18000MHz	3819.72	-40.5	-13	PASS

Test Graphs

