

Appendix for GSM850&GSM1900

Product Name: Tablet

Model No: S87

Appendix A: Average Power Output Data

Test Result

Band	Channel	ERP/EIRP(dBm)	Verdict
GSM850	128	33.69	PASS
GSM850	190	33.74	PASS
GSM850	251	34.11	PASS
GSM1900	512	29.57	PASS
GSM1900	661	29.68	PASS
GSM1900	810	29.12	PASS

Band	Channel	Slot	Power(dBm)	Verdict
GPRS850	128	1	33.64	PASS
GPRS850	128	2	32.87	PASS
GPRS850	128	3	31.69	PASS
GPRS850	128	4	30.09	PASS
GPRS850	190	1	33.63	PASS
GPRS850	190	2	32.72	PASS
GPRS850	190	3	30.81	PASS
GPRS850	190	4	29.79	PASS
GPRS850	251	1	33.96	PASS
GPRS850	251	2	32.95	PASS
GPRS850	251	3	30.98	PASS
GPRS850	251	4	29.93	PASS
GPRS1900	512	1	29.49	PASS
GPRS1900	512	2	29.02	PASS
GPRS1900	512	3	27.26	PASS
GPRS1900	512	4	26.11	PASS
GPRS1900	661	1	29.63	PASS
GPRS1900	661	2	29.06	PASS
GPRS1900	661	3	27.14	PASS
GPRS1900	661	4	26.03	PASS
GPRS1900	810	1	29.30	PASS
GPRS1900	810	2	28.81	PASS
GPRS1900	810	3	27.05	PASS
GPRS1900	810	4	25.94	PASS

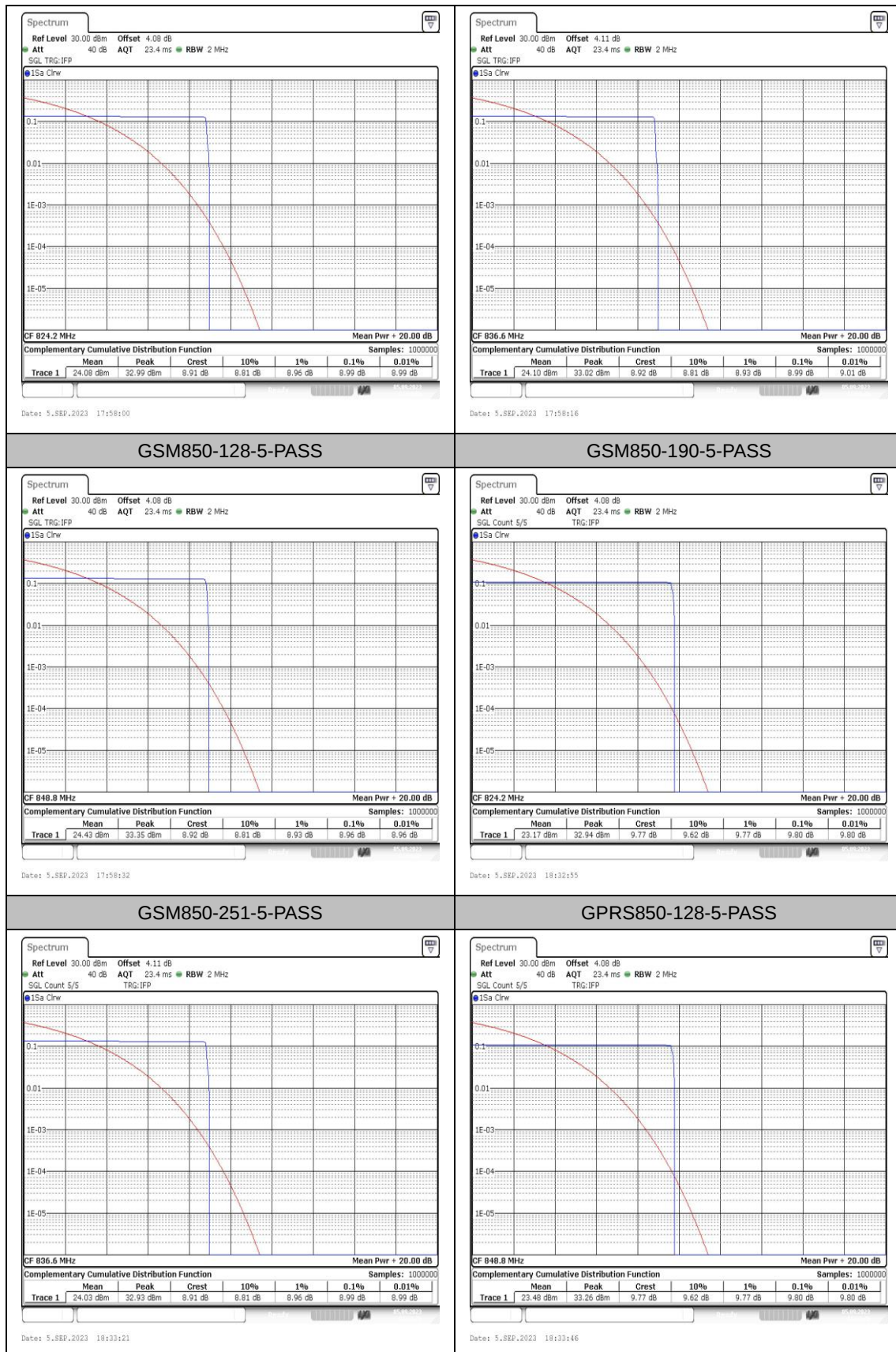
Band	Channel	Slot	Power(dBm)	Verdict
EGPRS850	128	1	25.47	PASS
EGPRS850	128	2	24.35	PASS
EGPRS850	128	3	22.37	PASS
EGPRS850	128	4	21.38	PASS
EGPRS850	190	1	25.14	PASS
EGPRS850	190	2	24.07	PASS
EGPRS850	190	3	22.12	PASS
EGPRS850	190	4	21.13	PASS
EGPRS850	251	1	25.41	PASS
EGPRS850	251	2	24.38	PASS
EGPRS850	251	3	22.42	PASS
EGPRS850	251	4	21.42	PASS
EGPRS1900	512	1	26.88	PASS
EGPRS1900	512	2	25.69	PASS
EGPRS1900	512	3	23.76	PASS
EGPRS1900	512	4	22.56	PASS
EGPRS1900	661	1	25.96	PASS
EGPRS1900	661	2	25.09	PASS
EGPRS1900	661	3	22.94	PASS
EGPRS1900	661	4	21.83	PASS
EGPRS1900	810	1	25.48	PASS
EGPRS1900	810	2	24.36	PASS
EGPRS1900	810	3	22.27	PASS
EGPRS1900	810	4	21.07	PASS

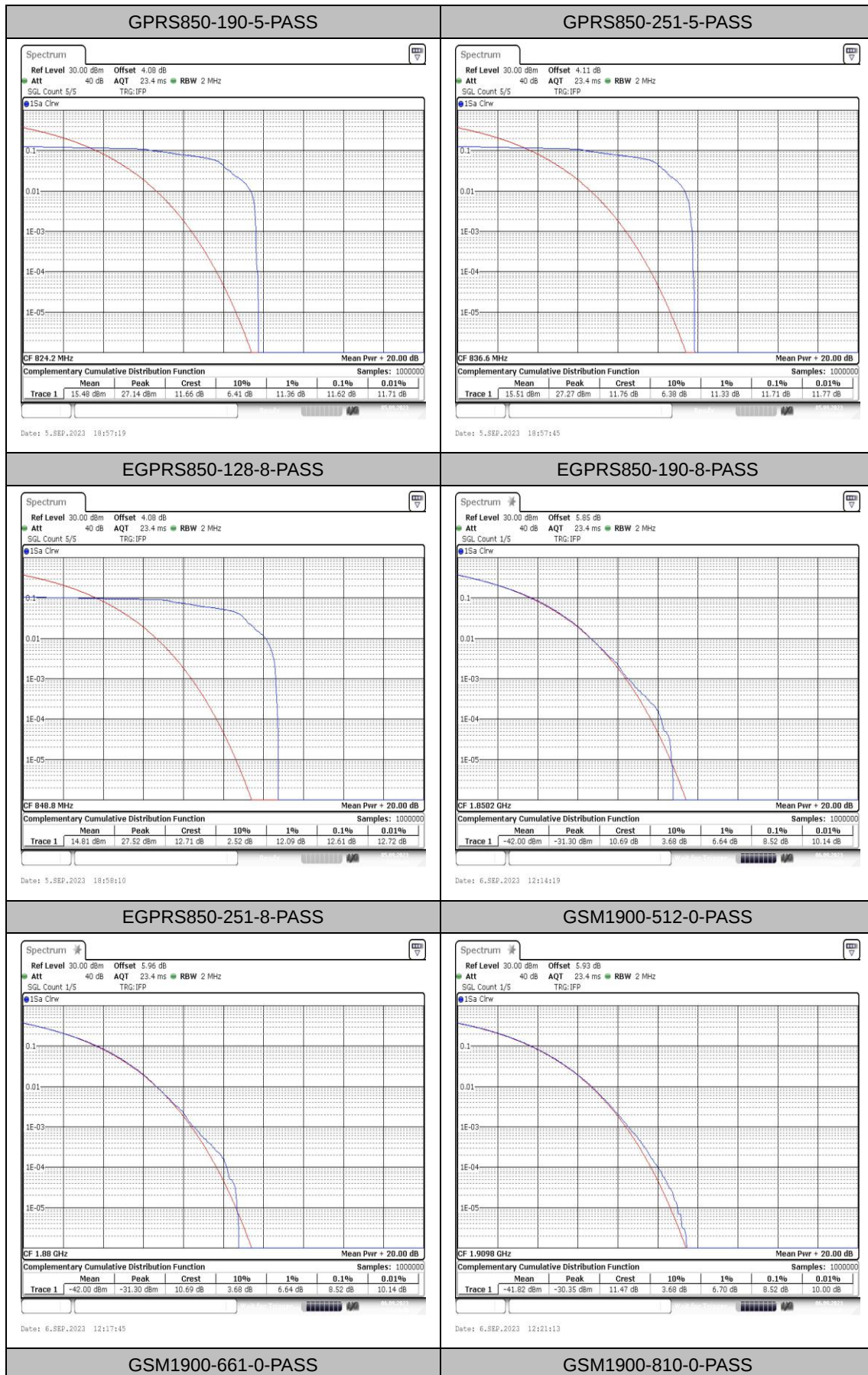
Appendix B: Peak-to-Average Ratio(CCDF)

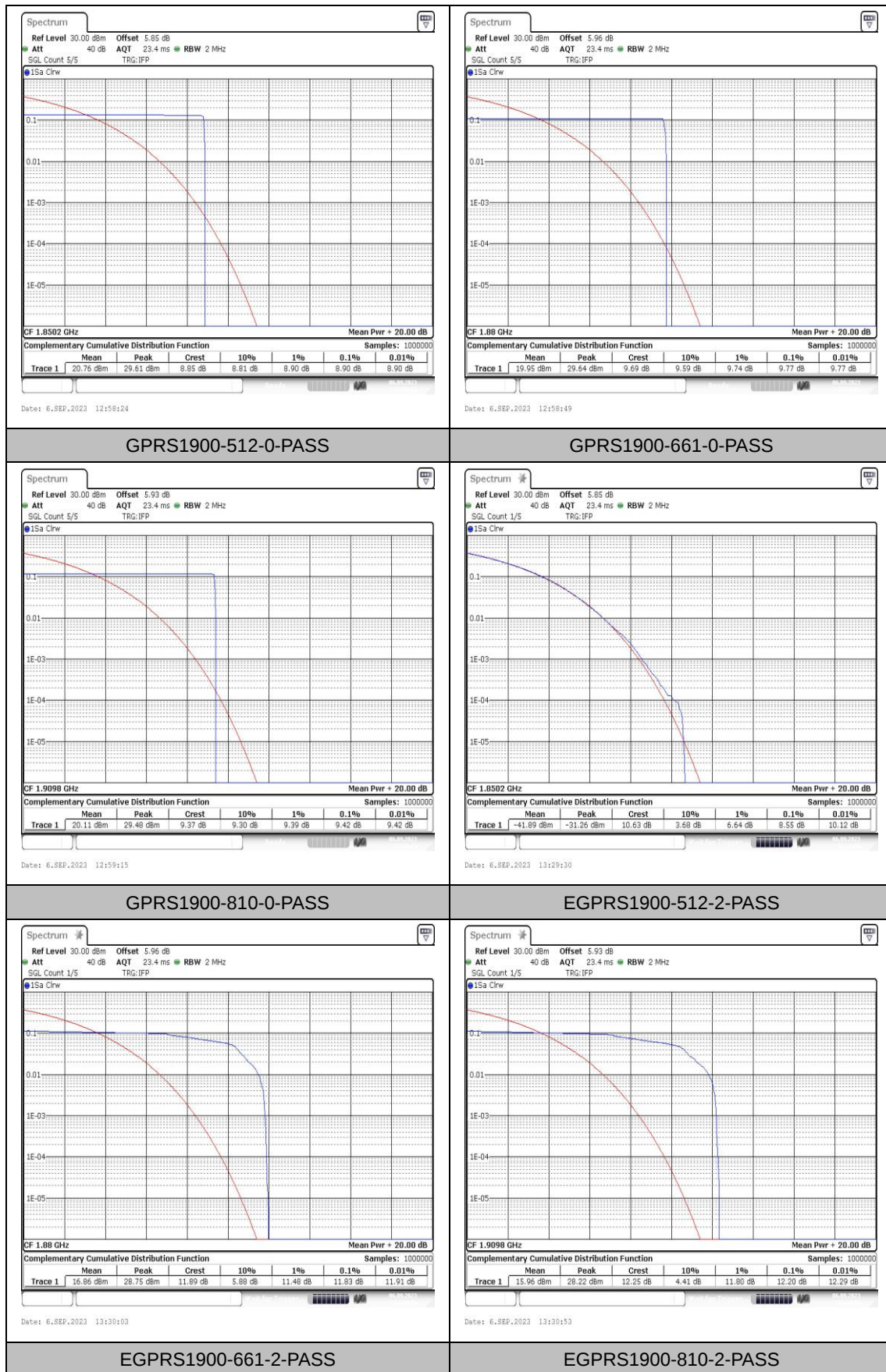
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	8.99	13	PASS
GSM850	190	8.99	13	PASS
GSM850	251	8.96	13	PASS
GPRS850	128	9.8	13	PASS
GPRS850	190	8.99	13	PASS
GPRS850	251	9.8	13	PASS
EGPRS850	128	11.62	13	PASS
EGPRS850	190	11.71	13	PASS
EGPRS850	251	12.61	13	PASS
GSM1900	512	8.52	13	PASS
GSM1900	661	8.52	13	PASS
GSM1900	810	8.52	13	PASS
GPRS1900	512	8.9	13	PASS
GPRS1900	661	9.77	13	PASS
GPRS1900	810	9.42	13	PASS
EGPRS1900	512	8.55	13	PASS
EGPRS1900	661	11.83	13	PASS
EGPRS1900	810	12.2	13	PASS

Test Graphs





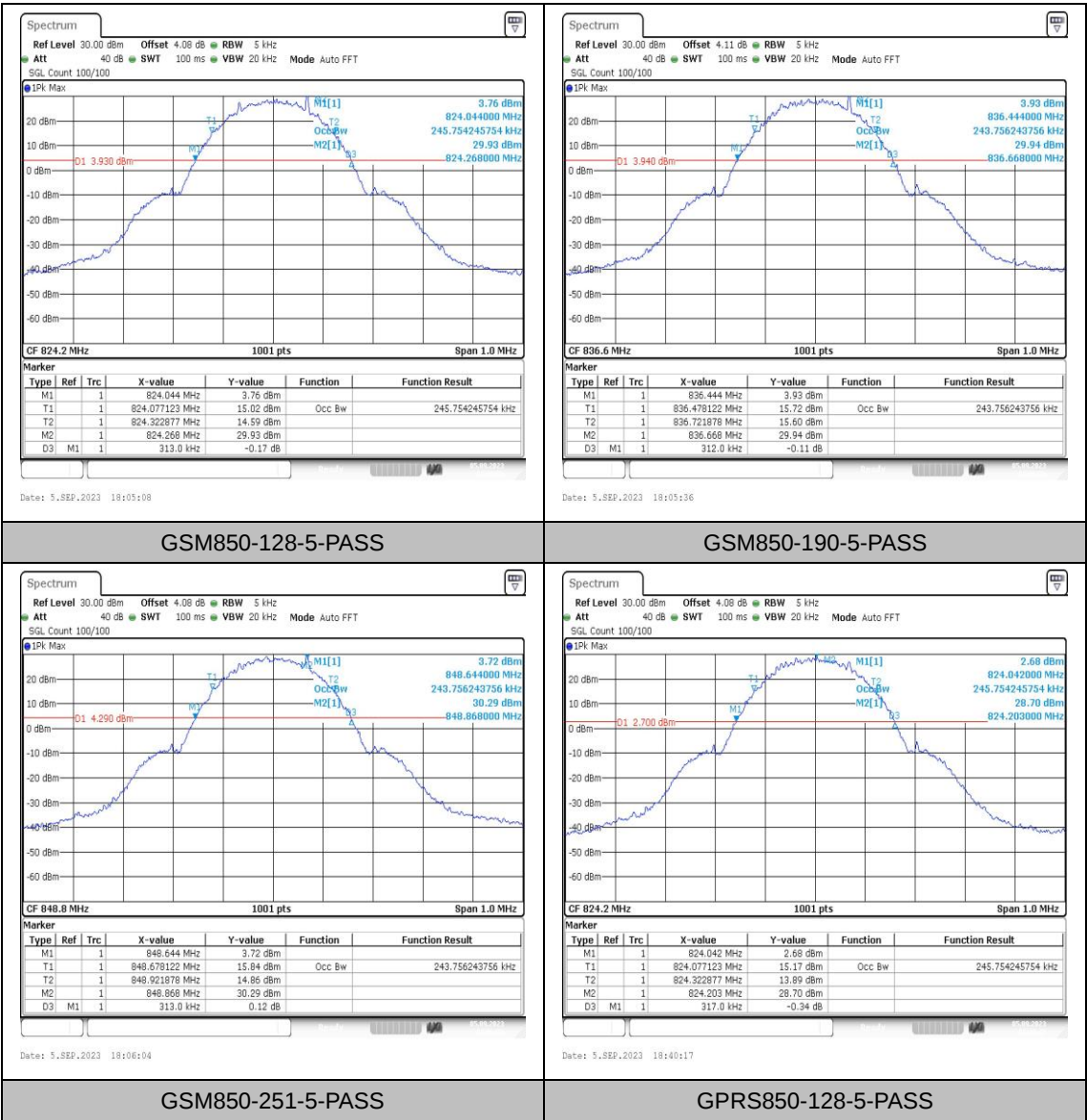


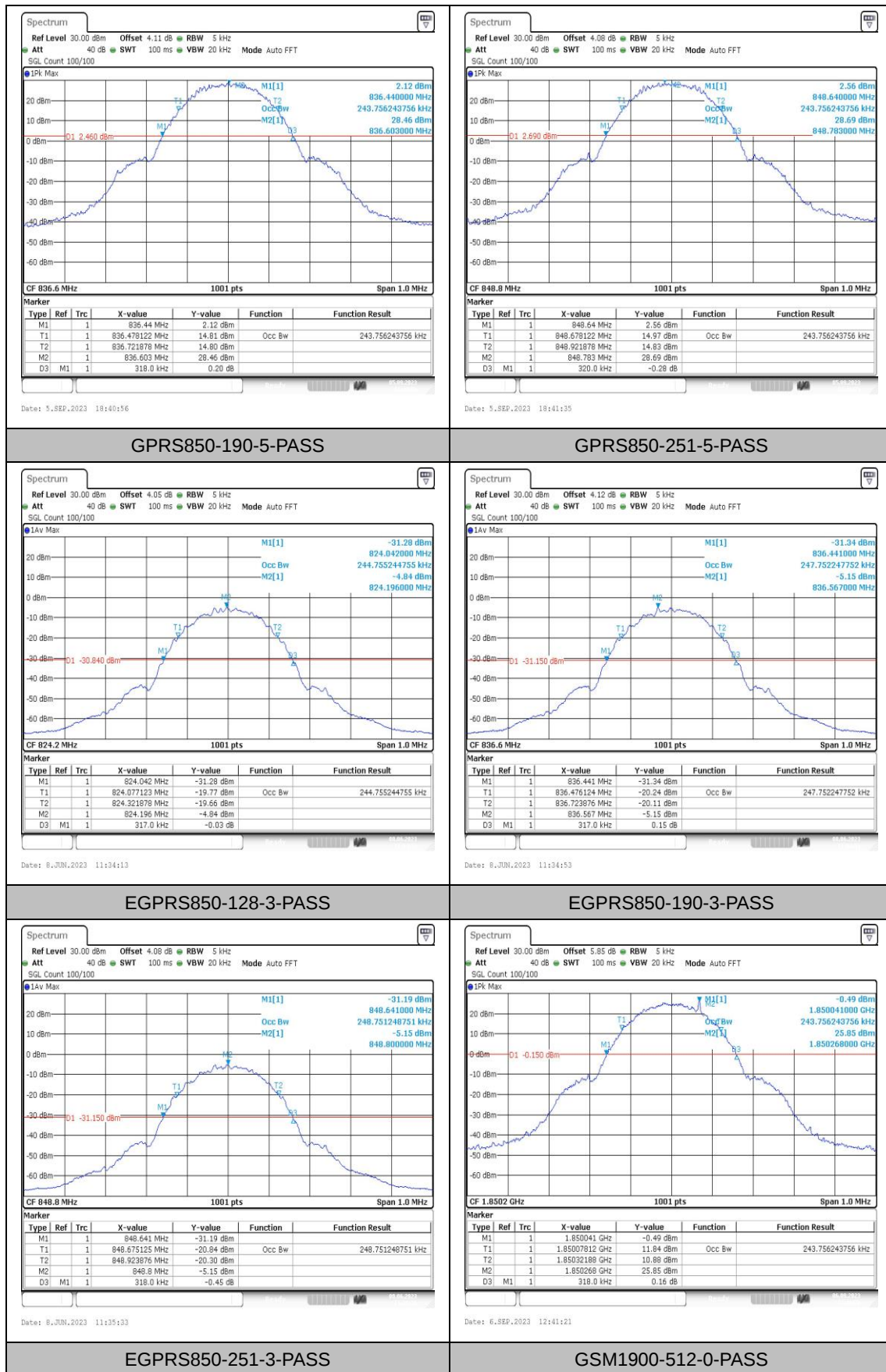
Appendix C: 26dB Bandwidth and Occupied Bandwidth

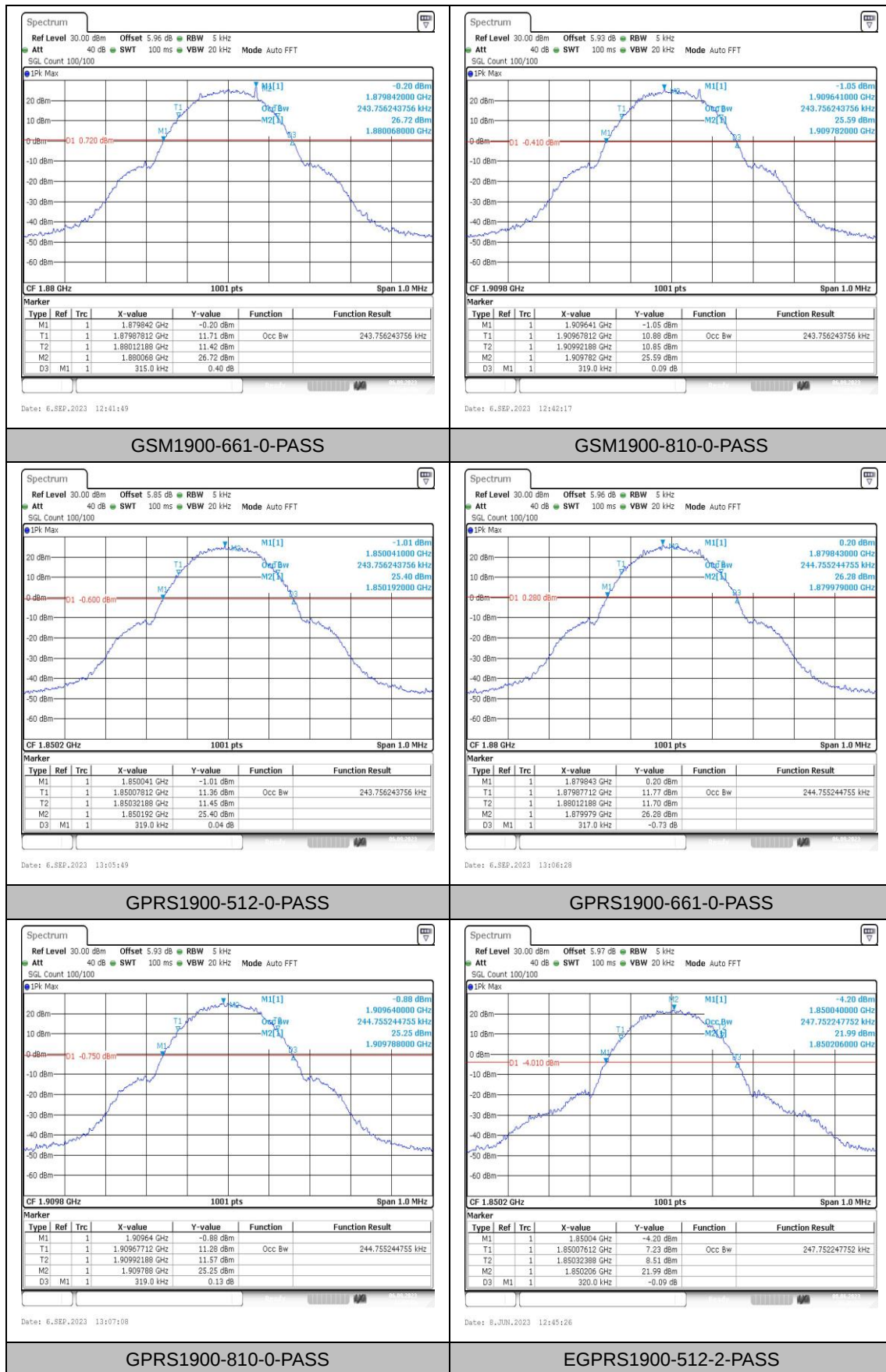
Test Result

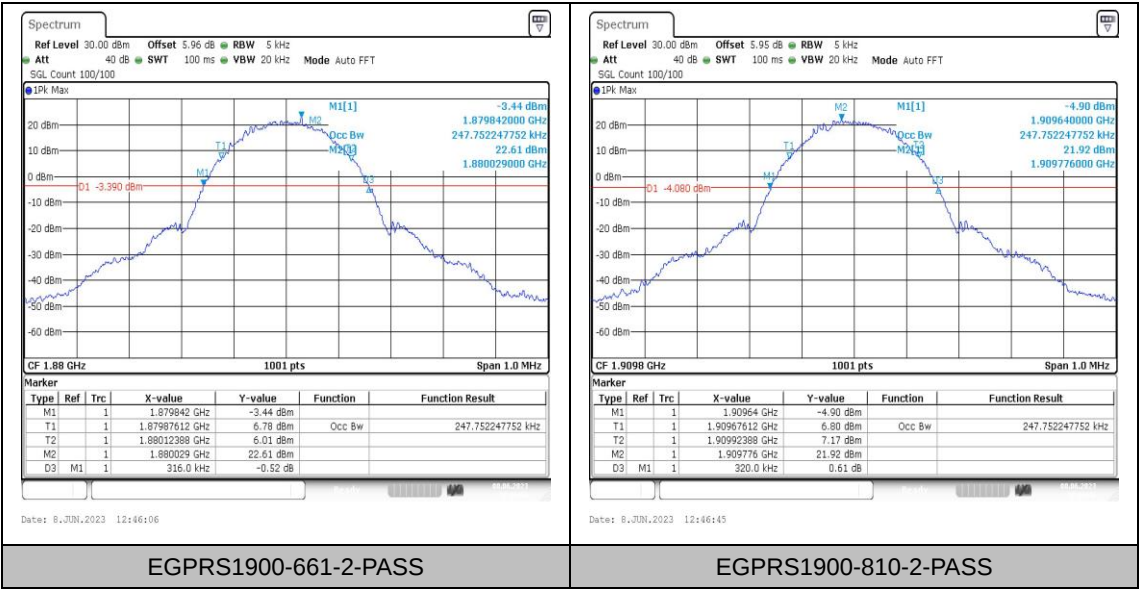
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.246	0.31	---	PASS
GSM850	190	0.244	0.31	---	PASS
GSM850	251	0.244	0.31	---	PASS
GPRS850	128	0.246	0.32	---	PASS
GPRS850	190	0.244	0.32	---	PASS
GPRS850	251	0.244	0.32	---	PASS
EGPRS850	128	0.245	0.32	---	PASS
EGPRS850	190	0.248	0.32	---	PASS
EGPRS850	251	0.249	0.32	---	PASS
GSM1900	512	0.244	0.32	---	PASS
GSM1900	661	0.244	0.31	---	PASS
GSM1900	810	0.244	0.32	---	PASS
GPRS1900	512	0.244	0.32	---	PASS
GPRS1900	661	0.245	0.32	---	PASS
GPRS1900	810	0.245	0.32	---	PASS
EGPRS1900	512	0.248	0.32	---	PASS
EGPRS1900	661	0.248	0.32	---	PASS
EGPRS1900	810	0.248	0.32	---	PASS

Test Graphs







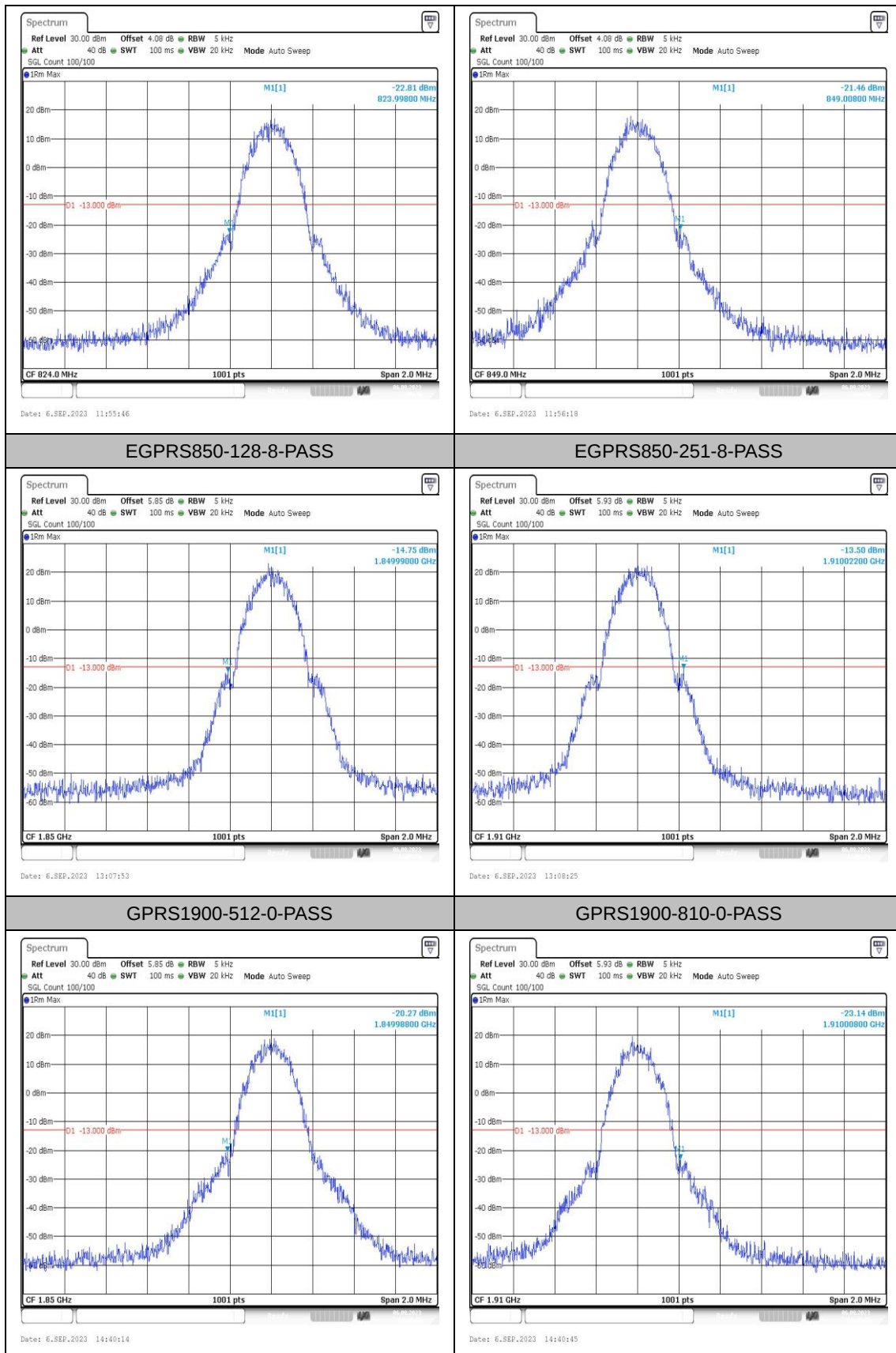


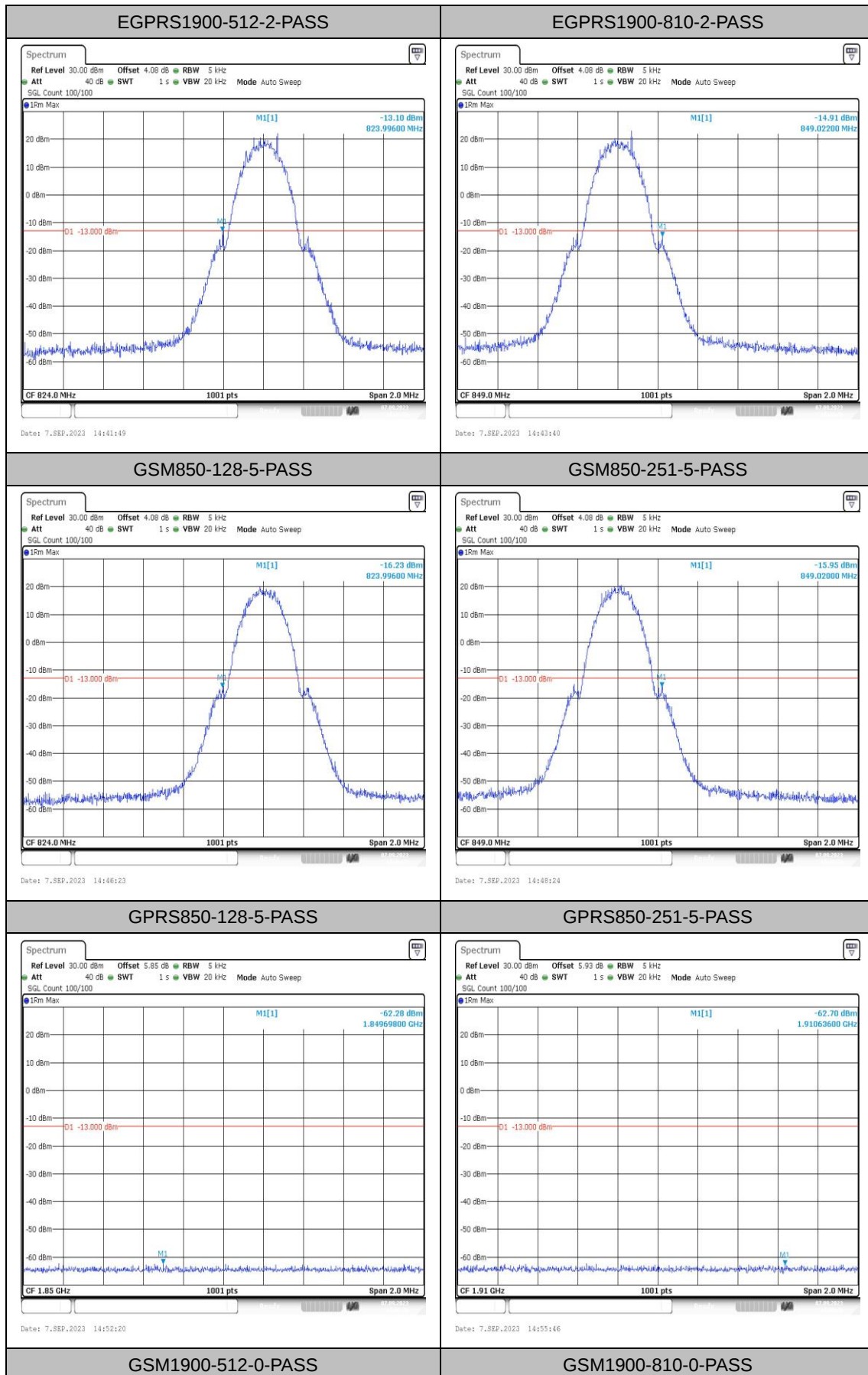
Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
EGPRS850	128	824.00	-22.81	-13	PASS
EGPRS850	251	849.01	-21.46	-13	PASS
GPRS1900	512	1849.99	-14.75	-13	PASS
GPRS1900	810	1910.02	-13.50	-13	PASS
EGPRS1900	512	1849.99	-20.27	-13	PASS
EGPRS1900	810	1910.01	-23.14	-13	PASS
GSM850	128	824.00	-13.10	-13	PASS
GSM850	251	849.02	-14.91	-13	PASS
GPRS850	128	824.00	-16.23	-13	PASS
GPRS850	251	849.02	-15.95	-13	PASS
GSM1900	512	1849.70	-62.28	-13	PASS
GSM1900	810	1910.64	-62.70	-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	-69.91	-33	PASS
GSM850	128	0.15~30MHz	0.15	-63.54	-23	PASS
GSM850	128	30~1000MHz	996.57	-51.79	-13	PASS
GSM850	128	1000~10000MHz	1648.73	-35.51	-13	PASS
GSM850	190	0.009~0.15MHz	0.01	-71.59	-33	PASS
GSM850	190	0.15~30MHz	0.26	-63.7	-23	PASS
GSM850	190	30~1000MHz	987.26	-51.87	-13	PASS
GSM850	190	1000~10000MHz	1673.03	-34.74	-13	PASS
GSM850	251	0.009~0.15MHz	0.01	-67.84	-33	PASS
GSM850	251	0.15~30MHz	0.15	-63.19	-23	PASS
GSM850	251	30~1000MHz	994.83	-52.01	-13	PASS
GSM850	251	1000~10000MHz	1697.63	-34.1	-13	PASS
GPRS850	128	0.009~0.15MHz	0.01	-71	-33	PASS
GPRS850	128	0.15~30MHz	0.16	-62.62	-23	PASS
GPRS850	128	30~1000MHz	989.65	-51.84	-13	PASS
GPRS850	128	1000~10000MHz	6601.86	-50.42	-13	PASS
GPRS850	190	0.009~0.15MHz	0.01	-71.73	-33	PASS
GPRS850	190	0.15~30MHz	0.22	-64.1	-23	PASS
GPRS850	190	30~1000MHz	943.29	-51.75	-13	PASS
GPRS850	190	1000~10000MHz	2509.7	-32.67	-13	PASS
GPRS850	251	0.009~0.15MHz	0.01	-67.86	-33	PASS
GPRS850	251	0.15~30MHz	0.16	-64.11	-23	PASS
GPRS850	251	30~1000MHz	973.52	-52.23	-13	PASS
GPRS850	251	1000~10000MHz	6609.66	-50.2	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.02	-38.66	-33	PASS
EGPRS850	128	0.15~30MHz	0.15	-61.75	-23	PASS
EGPRS850	128	30~1000MHz	940.89	-51.84	-13	PASS
EGPRS850	128	1000~10000MHz	1648.43	-47.13	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.01	-37.11	-33	PASS
EGPRS850	190	0.15~30MHz	0.17	-61.77	-23	PASS
EGPRS850	190	30~1000MHz	943.84	-51.95	-13	PASS
EGPRS850	190	1000~10000MHz	6648.06	-50.34	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.02	-37.53	-33	PASS
EGPRS850	251	0.15~30MHz	0.16	-63.28	-23	PASS
EGPRS850	251	30~1000MHz	988.97	-52.19	-13	PASS

EGPRS850	251	1000~10000MHz	1697.63	-47.98	-13	PASS
GSM1900	512	0.009~0.15MHz	0.01	-68.51	-43	PASS
GSM1900	512	0.15~30MHz	0.22	-64.03	-33	PASS
GSM1900	512	30~1000MHz	995.65	-49.03	-13	PASS
GSM1900	512	1000~3000MHz	2881.53	-37.93	-13	PASS
GSM1900	512	3000~18000MHz	3700.23	-30.21	-13	PASS
GSM1900	661	0.009~0.15MHz	0.01	-67.35	-43	PASS
GSM1900	661	0.15~30MHz	0.16	-62.22	-33	PASS
GSM1900	661	30~1000MHz	912.46	-49.02	-13	PASS
GSM1900	661	1000~3000MHz	2944.27	-38.09	-13	PASS
GSM1900	661	3000~18000MHz	3760.22	-33.36	-13	PASS
GSM1900	810	0.009~0.15MHz	0.01	-68.46	-43	PASS
GSM1900	810	0.15~30MHz	0.21	-64.1	-33	PASS
GSM1900	810	30~1000MHz	991.77	-49.03	-13	PASS
GSM1900	810	1000~3000MHz	2942.4	-37.91	-13	PASS
GSM1900	810	3000~18000MHz	5729.66	-45.28	-13	PASS
GPRS1900	512	0.009~0.15MHz	0.01	-67.99	-43	PASS
GPRS1900	512	0.15~30MHz	0.17	-63.39	-33	PASS
GPRS1900	512	30~1000MHz	948.58	-49.1	-13	PASS
GPRS1900	512	1000~3000MHz	2988.47	-38.15	-13	PASS
GPRS1900	512	3000~18000MHz	3700.23	-29.96	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-66.44	-43	PASS
GPRS1900	661	0.15~30MHz	0.18	-63.49	-33	PASS
GPRS1900	661	30~1000MHz	934.35	-48.97	-13	PASS
GPRS1900	661	1000~3000MHz	2964.2	-38.21	-13	PASS
GPRS1900	661	3000~18000MHz	6586.63	-47.12	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-67.36	-43	PASS
GPRS1900	810	0.15~30MHz	0.15	-62.87	-33	PASS
GPRS1900	810	30~1000MHz	976.71	-48.93	-13	PASS
GPRS1900	810	1000~3000MHz	2918.93	-37.96	-13	PASS
GPRS1900	810	3000~18000MHz	3819.72	-33.92	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.07	-68.99	-43	PASS
EGPRS1900	512	0.15~30MHz	0.21	-63.3	-33	PASS
EGPRS1900	512	30~1000MHz	951.87	-49.14	-13	PASS
EGPRS1900	512	1000~3000MHz	2954.67	-37.96	-13	PASS
EGPRS1900	512	3000~18000MHz	3700.23	-33.54	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.04	-69.3	-43	PASS
EGPRS1900	661	0.15~30MHz	0.19	-63.88	-33	PASS
EGPRS1900	661	30~1000MHz	915.99	-48.88	-13	PASS
EGPRS1900	661	1000~3000MHz	2914.27	-38.16	-13	PASS
EGPRS1900	661	3000~18000MHz	6526.63	-46.96	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.01	-71.1	-43	PASS

EGPRS1900	810	0.15~30MHz	0.23	-63.03	-33	PASS
EGPRS1900	810	30~1000MHz	999.92	-49.09	-13	PASS
EGPRS1900	810	1000~3000MHz	2957.8	-38.23	-13	PASS
EGPRS1900	810	3000~18000MHz	3819.72	-39.13	-13	PASS

Test Graphs

