

Appendix for GSM 850 & 1900

Product Name: Tablet

Model No: MDT665

Appendix A: Average Power Output Data

Test Result

Band	Channel	Power(dBm)	Verdict
GSM850	128	34.21	PASS
GSM850	190	34.05	PASS
GSM850	251	33.89	PASS
GSM1900	512	31.00	PASS
GSM1900	661	30.78	PASS
GSM1900	810	30.27	PASS

Band	Channel	Slot	Power(dBm)	Verdict
GPRS850	128	1	34.16	PASS
GPRS850	128	2	33.35	PASS
GPRS850	128	3	31.07	PASS
GPRS850	128	4	29.83	PASS
GPRS850	190	1	34.01	PASS
GPRS850	190	2	33.33	PASS
GPRS850	190	3	31.23	PASS
GPRS850	190	4	30.01	PASS
GPRS850	251	1	33.81	PASS
GPRS850	251	2	33.24	PASS
GPRS850	251	3	31.25	PASS
GPRS850	251	4	30.06	PASS
GPRS1900	512	1	30.98	PASS
GPRS1900	512	2	30.13	PASS
GPRS1900	512	3	27.83	PASS
GPRS1900	512	4	26.65	PASS
GPRS1900	661	1	30.77	PASS
GPRS1900	661	2	30.00	PASS
GPRS1900	661	3	27.79	PASS
GPRS1900	661	4	26.62	PASS
GPRS1900	810	1	30.24	PASS
GPRS1900	810	2	29.68	PASS
GPRS1900	810	3	27.79	PASS
GPRS1900	810	4	26.67	PASS

Band	Channel	Slot	Power(dBm)	Verdict
EGPRS850	128	1	27.09	PASS

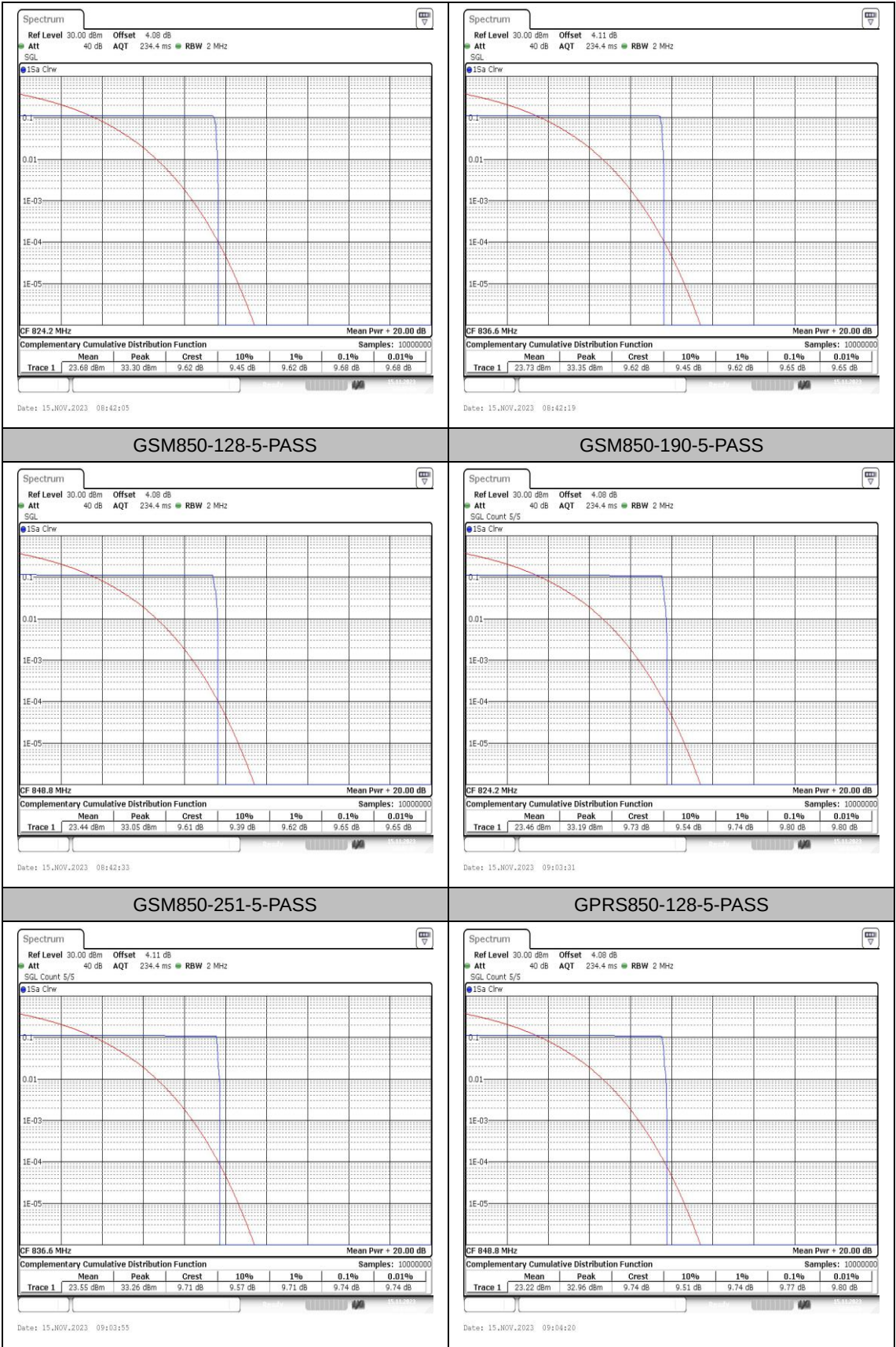
EGPRS850	128	2	26.00	PASS
EGPRS850	128	3	24.06	PASS
EGPRS850	128	4	23.06	PASS
EGPRS850	190	1	26.70	PASS
EGPRS850	190	2	25.73	PASS
EGPRS850	190	3	23.84	PASS
EGPRS850	190	4	22.80	PASS
EGPRS850	251	1	26.40	PASS
EGPRS850	251	2	25.43	PASS
EGPRS850	251	3	23.53	PASS
EGPRS850	251	4	22.52	PASS
EGPRS1900	512	1	26.91	PASS
EGPRS1900	512	2	26.00	PASS
EGPRS1900	512	3	24.09	PASS
EGPRS1900	512	4	22.95	PASS
EGPRS1900	661	1	25.91	PASS
EGPRS1900	661	2	25.01	PASS
EGPRS1900	661	3	23.11	PASS
EGPRS1900	661	4	22.01	PASS
EGPRS1900	810	1	25.29	PASS
EGPRS1900	810	2	24.35	PASS
EGPRS1900	810	3	22.47	PASS
EGPRS1900	810	4	21.40	PASS

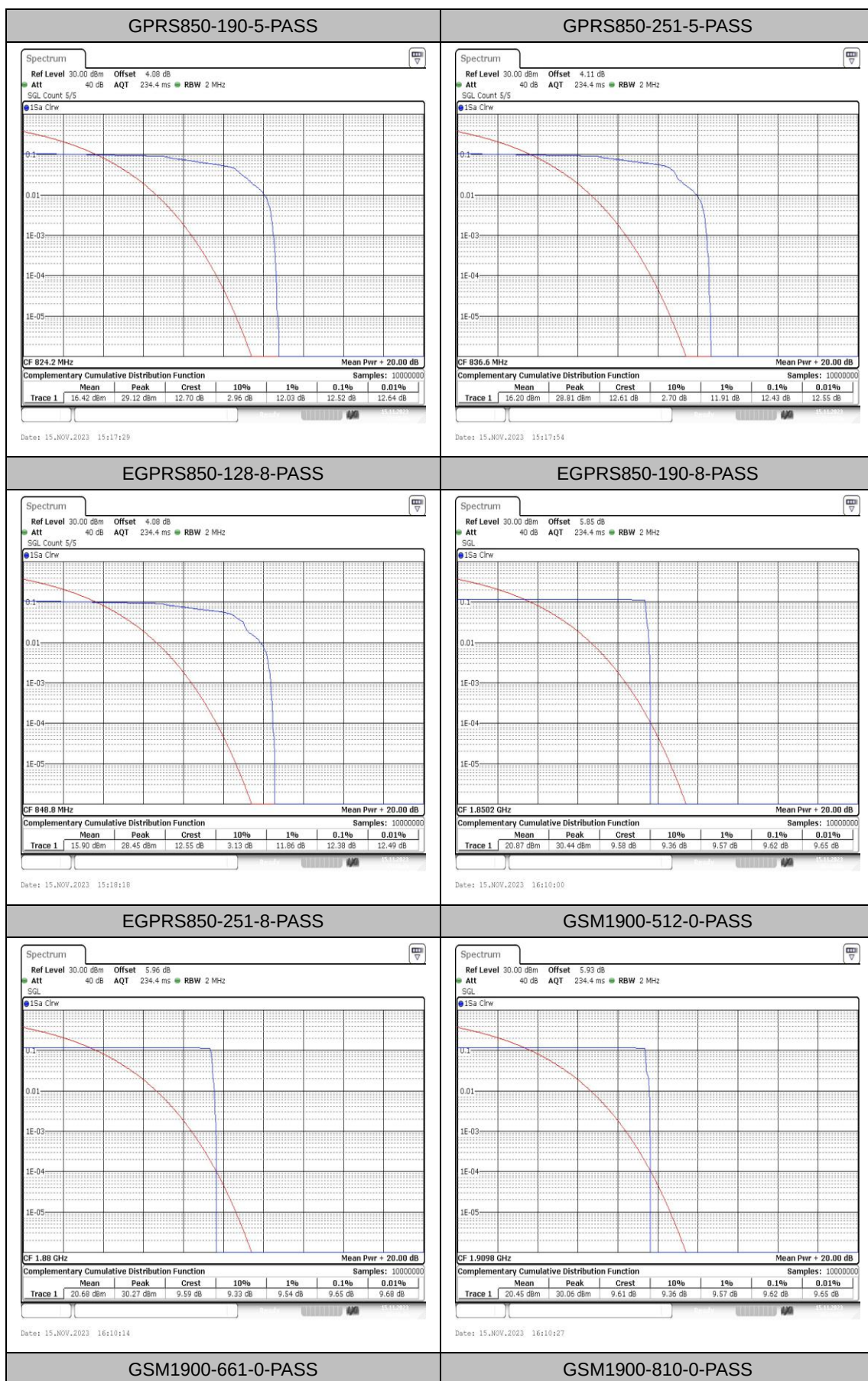
Appendix B: Peak-to-Average Ratio(CCDF)

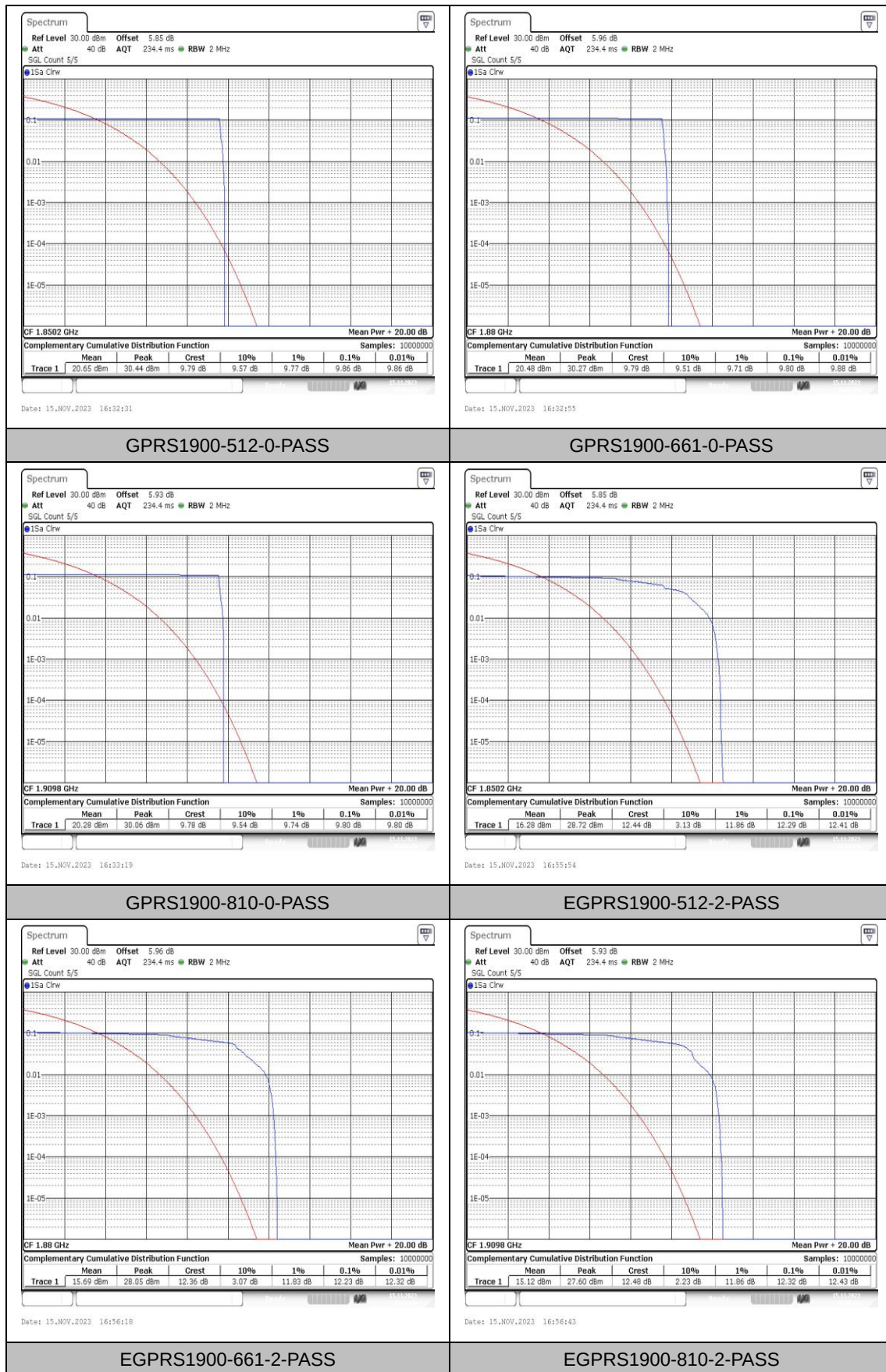
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.68	13	PASS
GSM850	190	9.65	13	PASS
GSM850	251	9.65	13	PASS
GPRS850	128	9.80	13	PASS
GPRS850	190	9.74	13	PASS
GPRS850	251	9.77	13	PASS
EGPRS850	128	12.52	13	PASS
EGPRS850	190	12.43	13	PASS
EGPRS850	251	12.38	13	PASS
GSM1900	512	9.62	13	PASS
GSM1900	661	9.65	13	PASS
GSM1900	810	9.62	13	PASS
GPRS1900	512	9.86	13	PASS
GPRS1900	661	9.80	13	PASS
GPRS1900	810	9.80	13	PASS
EGPRS1900	512	12.29	13	PASS
EGPRS1900	661	12.23	13	PASS
EGPRS1900	810	12.32	13	PASS

Test Graphs





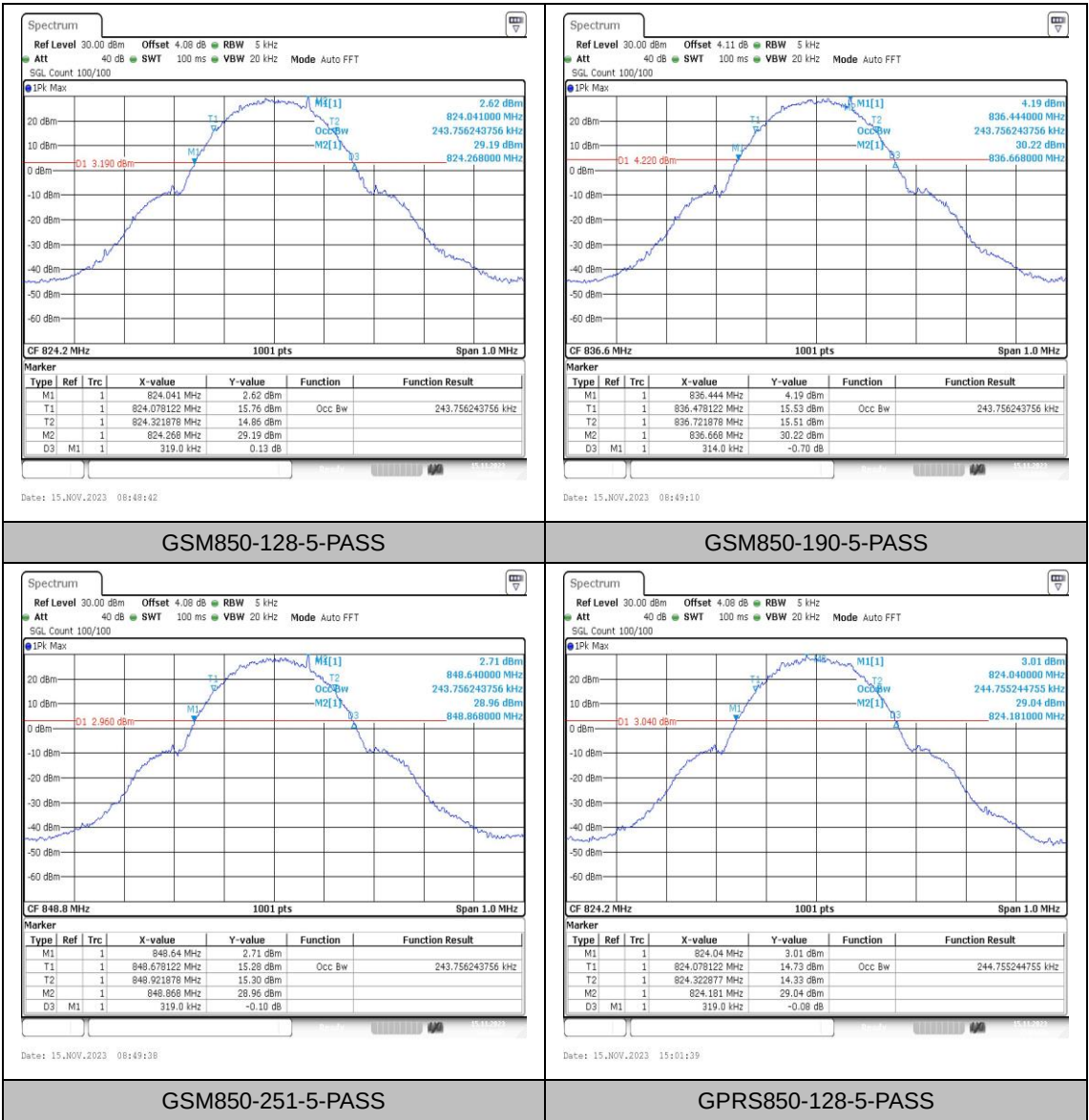


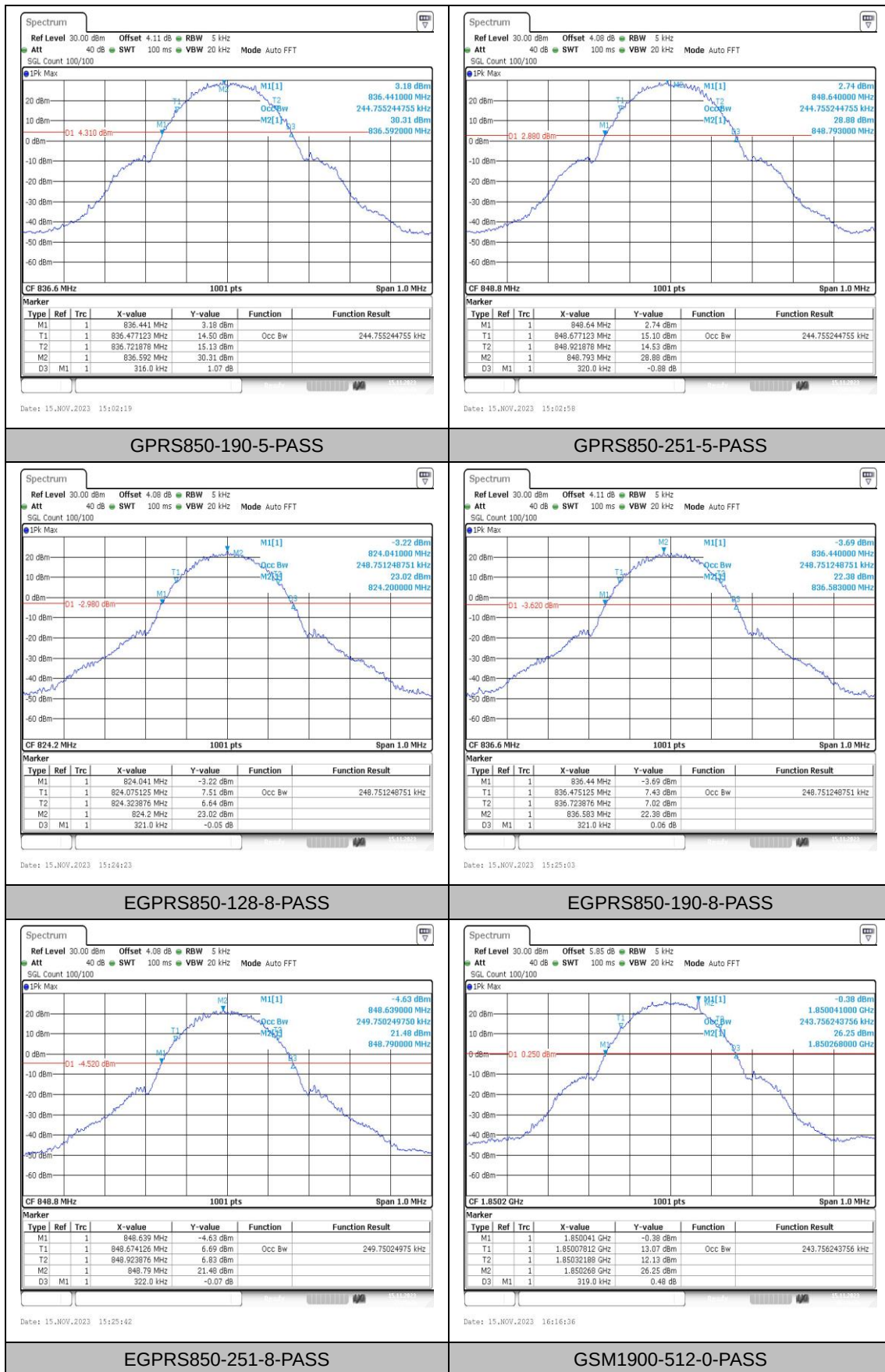
Appendix C: 26dB Bandwidth and Occupied Bandwidth

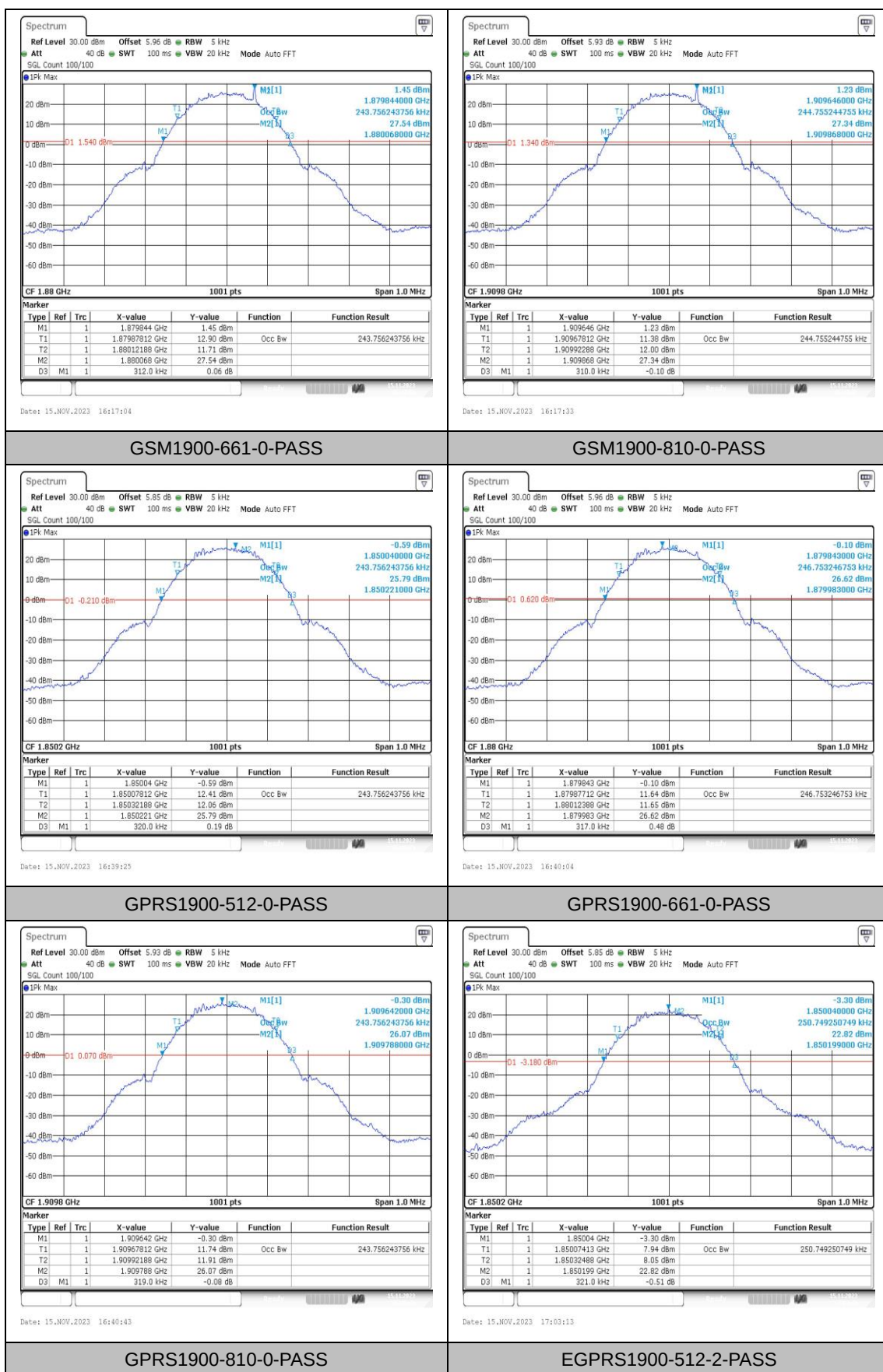
Test Result

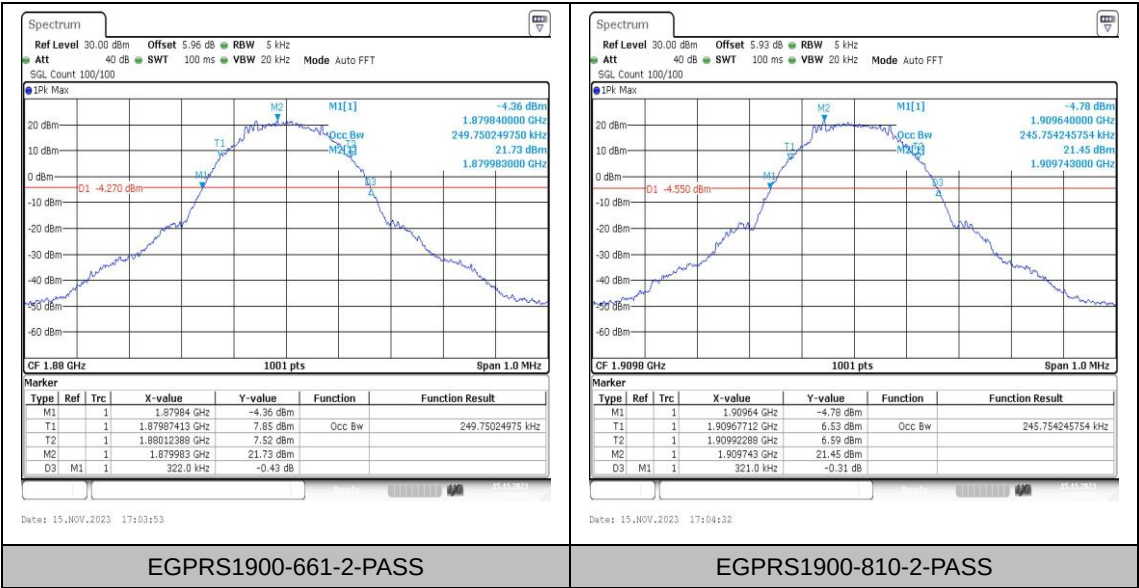
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.244	0.32	---	PASS
GSM850	190	0.244	0.31	---	PASS
GSM850	251	0.244	0.32	---	PASS
GPRS850	128	0.245	0.32	---	PASS
GPRS850	190	0.245	0.32	---	PASS
GPRS850	251	0.245	0.32	---	PASS
EGPRS850	128	0.249	0.32	---	PASS
EGPRS850	190	0.249	0.32	---	PASS
EGPRS850	251	0.25	0.32	---	PASS
GSM1900	512	0.244	0.32	---	PASS
GSM1900	661	0.244	0.31	---	PASS
GSM1900	810	0.245	0.31	---	PASS
GPRS1900	512	0.244	0.32	---	PASS
GPRS1900	661	0.247	0.32	---	PASS
GPRS1900	810	0.244	0.32	---	PASS
EGPRS1900	512	0.251	0.32	---	PASS
EGPRS1900	661	0.25	0.32	---	PASS
EGPRS1900	810	0.246	0.32	---	PASS

Test Graphs







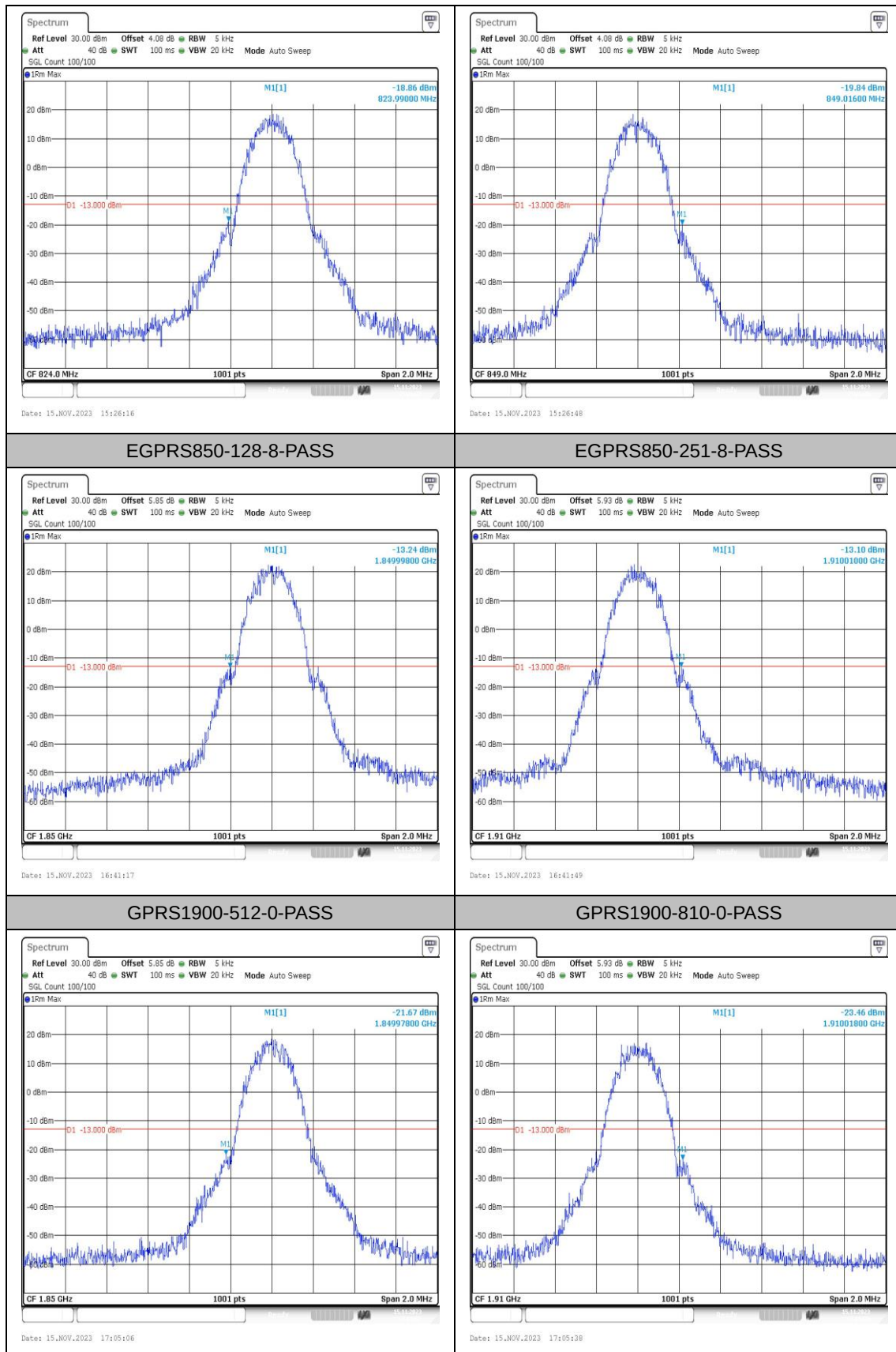


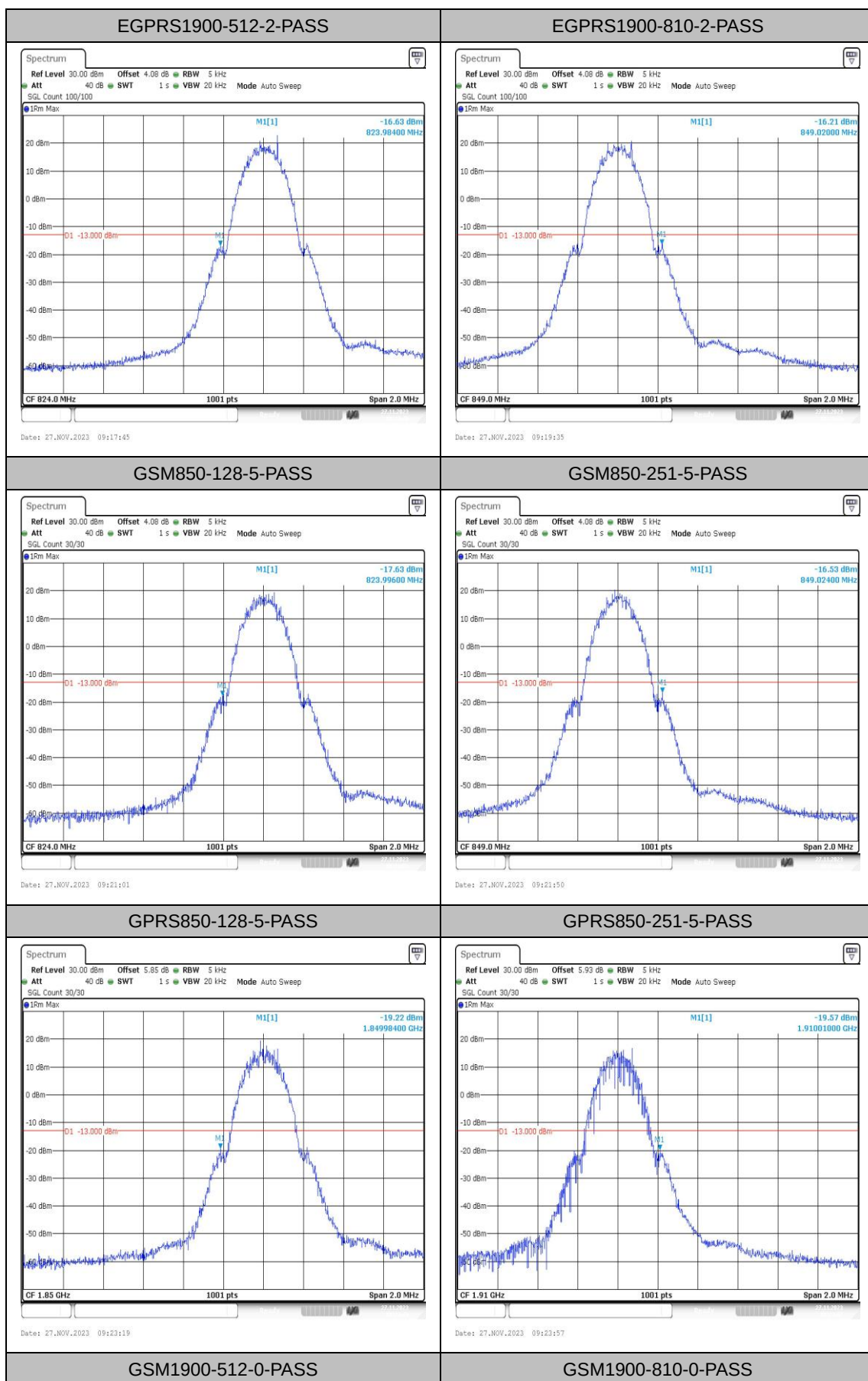
Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
EGPRS850	128	823.99	-18.86	-13	PASS
EGPRS850	251	849.02	-19.84	-13	PASS
GPRS1900	512	1850.00	-13.24	-13	PASS
GPRS1900	810	1910.01	-13.10	-13	PASS
EGPRS1900	512	1849.98	-21.67	-13	PASS
EGPRS1900	810	1910.02	-23.46	-13	PASS
GSM850	128	823.98	-16.63	-13	PASS
GSM850	251	849.02	-16.21	-13	PASS
GPRS850	128	824.00	-17.63	-13	PASS
GPRS850	251	849.02	-16.53	-13	PASS
GSM1900	512	1849.98	-19.22	-13	PASS
GSM1900	810	1910.01	-19.57	-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	-57.03	-33	PASS
GSM850	128	0.15~30MHz	0.21	-63.83	-23	PASS
GSM850	128	30~1000MHz	949.14	-51.99	-13	PASS
GSM850	128	1000~10000MHz	2473.7	-46.41	-13	PASS
GSM850	190	0.009~0.15MHz	0.01	-55.35	-33	PASS
GSM850	190	0.15~30MHz	0.17	-63.54	-23	PASS
GSM850	190	30~1000MHz	991.17	-52.08	-13	PASS
GSM850	190	1000~10000MHz	1673.33	-34.71	-13	PASS
GSM850	251	0.009~0.15MHz	0.01	-52.59	-33	PASS
GSM850	251	0.15~30MHz	0.16	-63.81	-23	PASS
GSM850	251	30~1000MHz	961.33	-52.13	-13	PASS
GSM850	251	1000~10000MHz	2546.3	-32.29	-13	PASS
GPRS850	128	0.009~0.15MHz	0.01	-56.92	-33	PASS
GPRS850	128	0.15~30MHz	0.2	-63.26	-23	PASS
GPRS850	128	30~1000MHz	954.57	-51.88	-13	PASS
GPRS850	128	1000~10000MHz	1648.43	-34.98	-13	PASS
GPRS850	190	0.009~0.15MHz	0.01	-53.19	-33	PASS
GPRS850	190	0.15~30MHz	0.16	-62.07	-23	PASS
GPRS850	190	30~1000MHz	960.88	-52.04	-13	PASS
GPRS850	190	1000~10000MHz	1673.33	-34.67	-13	PASS
GPRS850	251	0.009~0.15MHz	0.01	-58.46	-33	PASS
GPRS850	251	0.15~30MHz	0.16	-63.61	-23	PASS
GPRS850	251	30~1000MHz	721.13	-52.21	-13	PASS
GPRS850	251	1000~10000MHz	1697.63	-35.61	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.01	-52.77	-33	PASS
EGPRS850	128	0.15~30MHz	0.15	-62.98	-23	PASS
EGPRS850	128	30~1000MHz	989.07	-51.58	-13	PASS
EGPRS850	128	1000~10000MHz	1648.43	-46.09	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.01	-54.09	-33	PASS
EGPRS850	190	0.15~30MHz	0.38	-63.92	-23	PASS
EGPRS850	190	30~1000MHz	953.83	-52.11	-13	PASS
EGPRS850	190	1000~10000MHz	2510	-49.06	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.01	-53.63	-33	PASS
EGPRS850	251	0.15~30MHz	0.16	-62.76	-23	PASS

EGPRS850	251	30~1000MHz	994.28	-52.26	-13	PASS
EGPRS850	251	1000~10000MHz	1697.93	-46.7	-13	PASS
GSM1900	512	0.009~0.15MHz	0.01	-60.64	-43	PASS
GSM1900	512	0.15~30MHz	0.15	-62.44	-33	PASS
GSM1900	512	30~1000MHz	960.57	-49.03	-13	PASS
GSM1900	512	1000~3000MHz	2923.47	-38.1	-13	PASS
GSM1900	512	3000~18000MHz	5550.66	-39.17	-13	PASS
GSM1900	661	0.009~0.15MHz	0.01	-61.06	-43	PASS
GSM1900	661	0.15~30MHz	0.15	-63.06	-33	PASS
GSM1900	661	30~1000MHz	916.63	-49.03	-13	PASS
GSM1900	661	1000~3000MHz	2936	-38.15	-13	PASS
GSM1900	661	3000~18000MHz	5640.16	-40.59	-13	PASS
GSM1900	810	0.009~0.15MHz	0.01	-61.04	-43	PASS
GSM1900	810	0.15~30MHz	0.15	-63.33	-33	PASS
GSM1900	810	30~1000MHz	993.71	-48.98	-13	PASS
GSM1900	810	1000~3000MHz	2986	-38.23	-13	PASS
GSM1900	810	3000~18000MHz	6575.63	-47.36	-13	PASS
GPRS1900	512	0.009~0.15MHz	0.01	-61.9	-43	PASS
GPRS1900	512	0.15~30MHz	0.17	-64.05	-33	PASS
GPRS1900	512	30~1000MHz	987.08	-49.03	-13	PASS
GPRS1900	512	1000~3000MHz	2968.8	-38.18	-13	PASS
GPRS1900	512	3000~18000MHz	6569.13	-47.51	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-62.11	-43	PASS
GPRS1900	661	0.15~30MHz	0.15	-64.41	-33	PASS
GPRS1900	661	30~1000MHz	947.51	-49.02	-13	PASS
GPRS1900	661	1000~3000MHz	2987.2	-37.96	-13	PASS
GPRS1900	661	3000~18000MHz	3760.22	-31.27	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-62.27	-43	PASS
GPRS1900	810	0.15~30MHz	0.16	-63.18	-33	PASS
GPRS1900	810	30~1000MHz	969.33	-49.05	-13	PASS
GPRS1900	810	1000~3000MHz	2984.87	-38.01	-13	PASS
GPRS1900	810	3000~18000MHz	6606.63	-47.47	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.01	-61.6	-43	PASS
EGPRS1900	512	0.15~30MHz	0.15	-62.36	-33	PASS
EGPRS1900	512	30~1000MHz	984.59	-49.09	-13	PASS
EGPRS1900	512	1000~3000MHz	2971.73	-38.08	-13	PASS
EGPRS1900	512	3000~18000MHz	5551.16	-46.72	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.01	-61.39	-43	PASS
EGPRS1900	661	0.15~30MHz	0.15	-62.82	-33	PASS
EGPRS1900	661	30~1000MHz	999.4	-48.98	-13	PASS
EGPRS1900	661	1000~3000MHz	2987.93	-38.11	-13	PASS
EGPRS1900	661	3000~18000MHz	3759.72	-35.78	-13	PASS

EGPRS1900	810	0.009~0.15MHz	0.01	-60.53	-43	PASS
EGPRS1900	810	0.15~30MHz	0.19	-63.07	-33	PASS
EGPRS1900	810	30~1000MHz	915.63	-49.01	-13	PASS
EGPRS1900	810	1000~3000MHz	2953.07	-37.84	-13	PASS
EGPRS1900	810	3000~18000MHz	6590.63	-47.35	-13	PASS

Test Graphs

