

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	PCL	Conducted Power (dBm)	Gain (dBi)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
GSM850	128	5	31.68	-3.3	26.23	38.45	PASS
GSM850	190	5	31.82	-3.3	26.37	38.45	PASS
GSM850	251	5	31.82	-3.3	26.37	38.45	PASS
GSM1900	512	0	29.86	-0.4	29.46	33.00	PASS
GSM1900	661	0	29.64	-0.4	29.24	33.00	PASS
GSM1900	810	0	28.78	-0.4	28.38	33.00	PASS

Band	Channel	PCL	Slot	Conducted Power (dBm)	Gain (dBi)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
GPRS850	128	5	1	31.67	-3.3	26.22	38.45	PASS
GPRS850	128	5	2	30.96	-3.3	25.51	38.45	PASS
GPRS850	128	5	3	29.67	-3.3	24.22	38.45	PASS
GPRS850	128	5	4	29.08	-3.3	23.63	38.45	PASS
GPRS850	190	5	1	31.79	-3.3	26.34	38.45	PASS
GPRS850	190	5	2	31.09	-3.3	25.64	38.45	PASS
GPRS850	190	5	3	29.82	-3.3	24.37	38.45	PASS
GPRS850	190	5	4	29.22	-3.3	23.77	38.45	PASS
GPRS850	251	5	1	31.79	-3.3	26.34	38.45	PASS
GPRS850	251	5	2	31.11	-3.3	25.66	38.45	PASS
GPRS850	251	5	3	29.85	-3.3	24.4	38.45	PASS
GPRS850	251	5	4	29.27	-3.3	23.82	38.45	PASS
GPRS1900	512	0	1	29.84	-0.4	29.44	33.00	PASS
GPRS1900	512	0	2	28.86	-0.4	28.46	33.00	PASS
GPRS1900	512	0	3	27.17	-0.4	26.77	33.00	PASS
GPRS1900	512	0	4	26.62	-0.4	26.22	33.00	PASS
GPRS1900	661	0	1	29.60	-0.4	29.2	33.00	PASS
GPRS1900	661	0	2	28.66	-0.4	28.26	33.00	PASS
GPRS1900	661	0	3	27.08	-0.4	26.68	33.00	PASS
GPRS1900	661	0	4	26.56	-0.4	26.16	33.00	PASS
GPRS1900	810	0	1	28.75	-0.4	28.35	33.00	PASS
GPRS1900	810	0	2	27.85	-0.4	27.45	33.00	PASS
GPRS1900	810	0	3	26.34	-0.4	25.94	33.00	PASS
GPRS1900	810	0	4	25.84	-0.4	25.44	33.00	PASS

Band	Channel	PCL	Slot	Conducted Power (dBm)	Gain(dBi)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
EGPRS850	128	8	1	33.07	-3.3	27.62	38.45	PASS
EGPRS850	128	8	2	32.49	-3.3	27.04	38.45	PASS
EGPRS850	128	8	3	31.15	-3.3	25.7	38.45	PASS
EGPRS850	128	8	4	30.27	-3.3	24.82	38.45	PASS
EGPRS850	190	8	1	32.93	-3.3	27.48	38.45	PASS
EGPRS850	190	8	2	32.26	-3.3	26.81	38.45	PASS
EGPRS850	190	8	3	30.91	-3.3	25.46	38.45	PASS
EGPRS850	190	8	4	30.02	-3.3	24.57	38.45	PASS
EGPRS850	251	8	1	32.90	-3.3	27.45	38.45	PASS
EGPRS850	251	8	2	32.26	-3.3	26.81	38.45	PASS
EGPRS850	251	8	3	30.87	-3.3	25.42	38.45	PASS
EGPRS850	251	8	4	29.96	-3.3	24.51	38.45	PASS
EGPRS1900	512	2	1	31.36	-0.4	30.96	33.00	PASS
EGPRS1900	512	2	2	30.87	-0.4	30.47	33.00	PASS
EGPRS1900	512	2	3	29.83	-0.4	29.43	33.00	PASS
EGPRS1900	512	2	4	29.03	-0.4	28.63	33.00	PASS
EGPRS1900	661	2	1	31.37	-0.4	30.97	33.00	PASS
EGPRS1900	661	2	2	30.99	-0.4	30.59	33.00	PASS
EGPRS1900	661	2	3	30.11	-0.4	29.71	33.00	PASS
EGPRS1900	661	2	4	29.40	-0.4	29	33.00	PASS
EGPRS1900	810	2	1	30.73	-0.4	30.33	33.00	PASS
EGPRS1900	810	2	2	30.49	-0.4	30.09	33.00	PASS
EGPRS1900	810	2	3	29.83	-0.4	29.43	33.00	PASS
EGPRS1900	810	2	4	29.28	-0.4	28.88	33.00	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For GSM1900)

ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For GSM850)

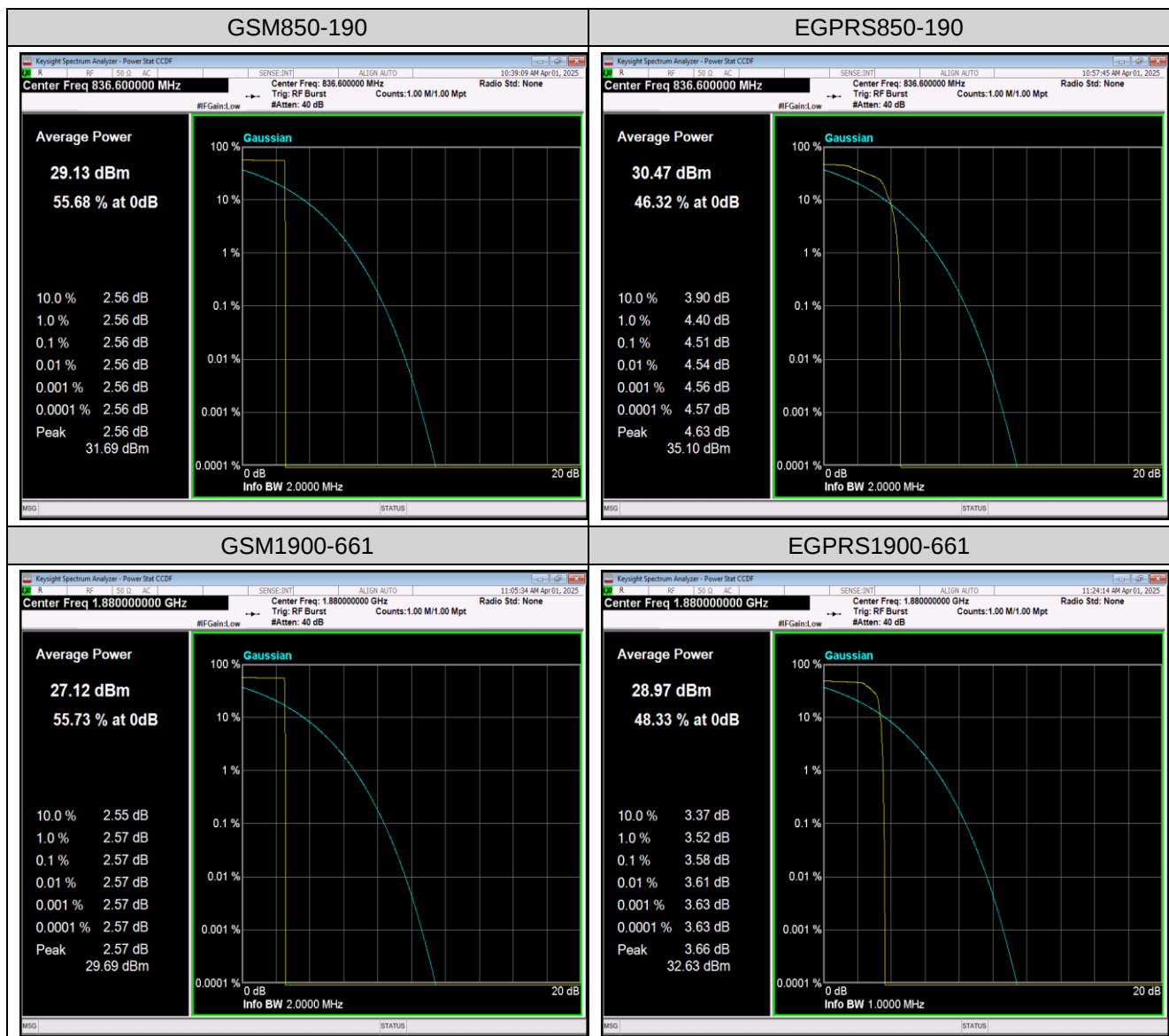
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	PCL	Result(dB)	Limit(dB)	Verdict
GSM850	190	5	2.56	13	PASS
EGPRS850	190	8	4.51	13	PASS
GSM1900	661	0	2.57	13	PASS
EGPRS1900	661	2	3.58	13	PASS

Remark: All channel and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

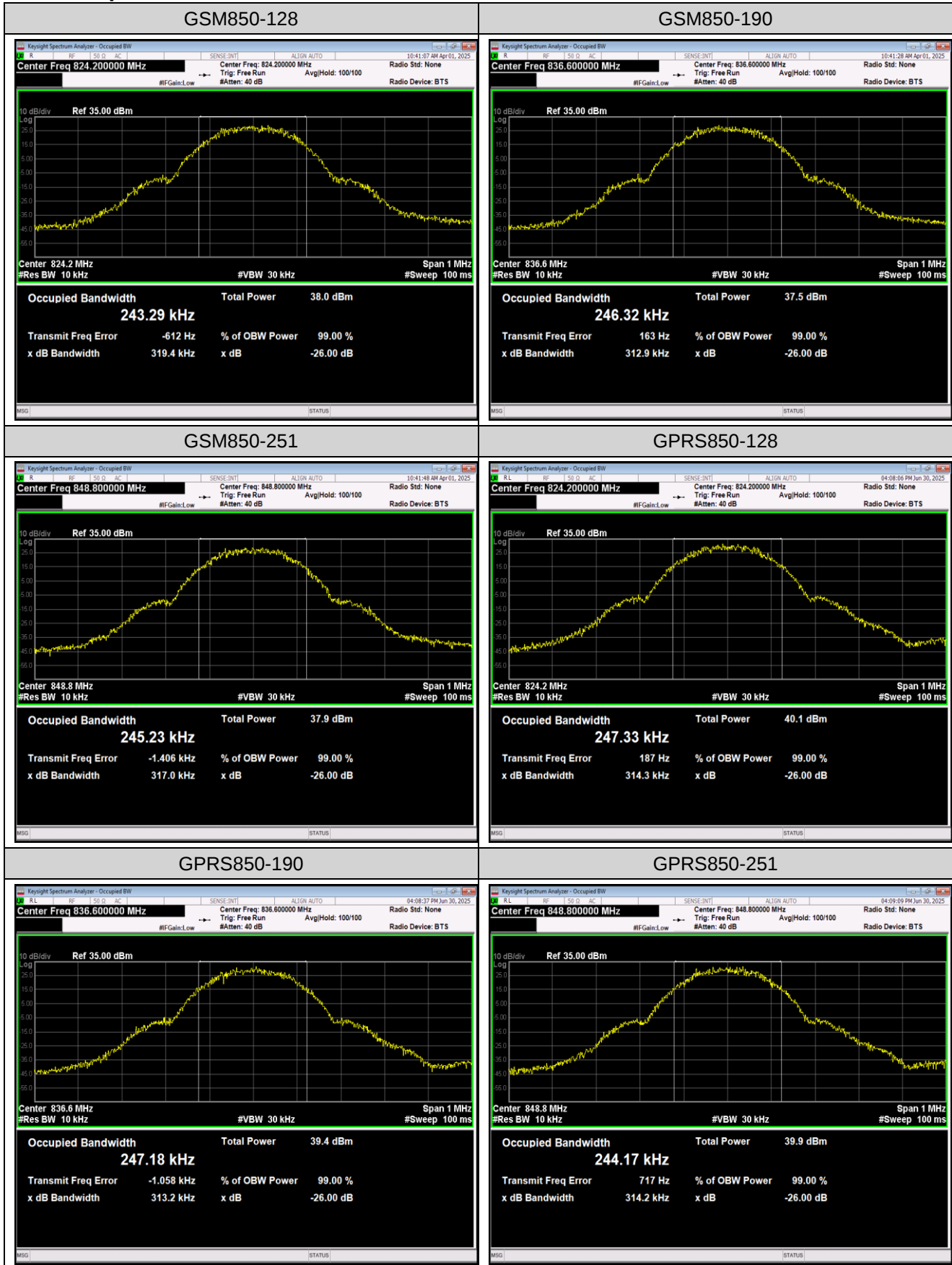


Appendix C: 26dB Bandwidth and Occupied Bandwidth

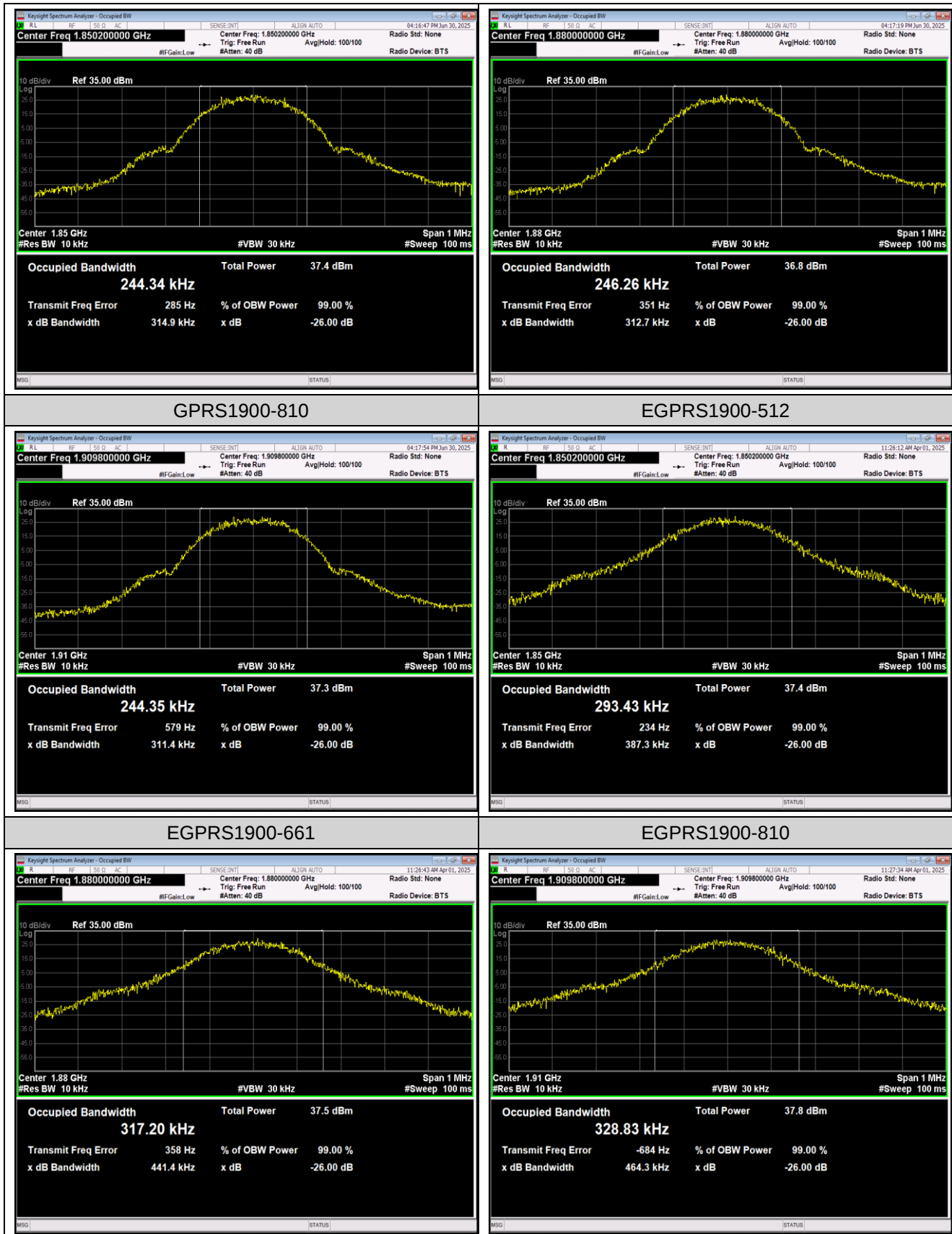
Test Result

Band	Channel	PCL	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	5	0.24329	0.3194	---	PASS
GSM850	190	5	0.24632	0.3129	---	PASS
GSM850	251	5	0.24523	0.3170	---	PASS
GPRS850	128	5	0.24733	0.3143	---	PASS
GPRS850	190	5	0.24718	0.3132	---	PASS
GPRS850	251	5	0.24417	0.3142	---	PASS
EGPRS850	128	8	0.28619	0.3795	---	PASS
EGPRS850	190	8	0.28238	0.3819	---	PASS
EGPRS850	251	8	0.28011	0.3915	---	PASS
GSM1900	512	0	0.24513	0.3192	---	PASS
GSM1900	661	0	0.24580	0.3147	---	PASS
GSM1900	810	0	0.24755	0.3128	---	PASS
GPRS1900	512	0	0.24434	0.3149	---	PASS
GPRS1900	661	0	0.24626	0.3127	---	PASS
GPRS1900	810	0	0.24435	0.3114	---	PASS
EGPRS1900	512	2	0.29343	0.3873	---	PASS
EGPRS1900	661	2	0.31720	0.4414	---	PASS
EGPRS1900	810	2	0.32883	0.4643	---	PASS

Test Graphs





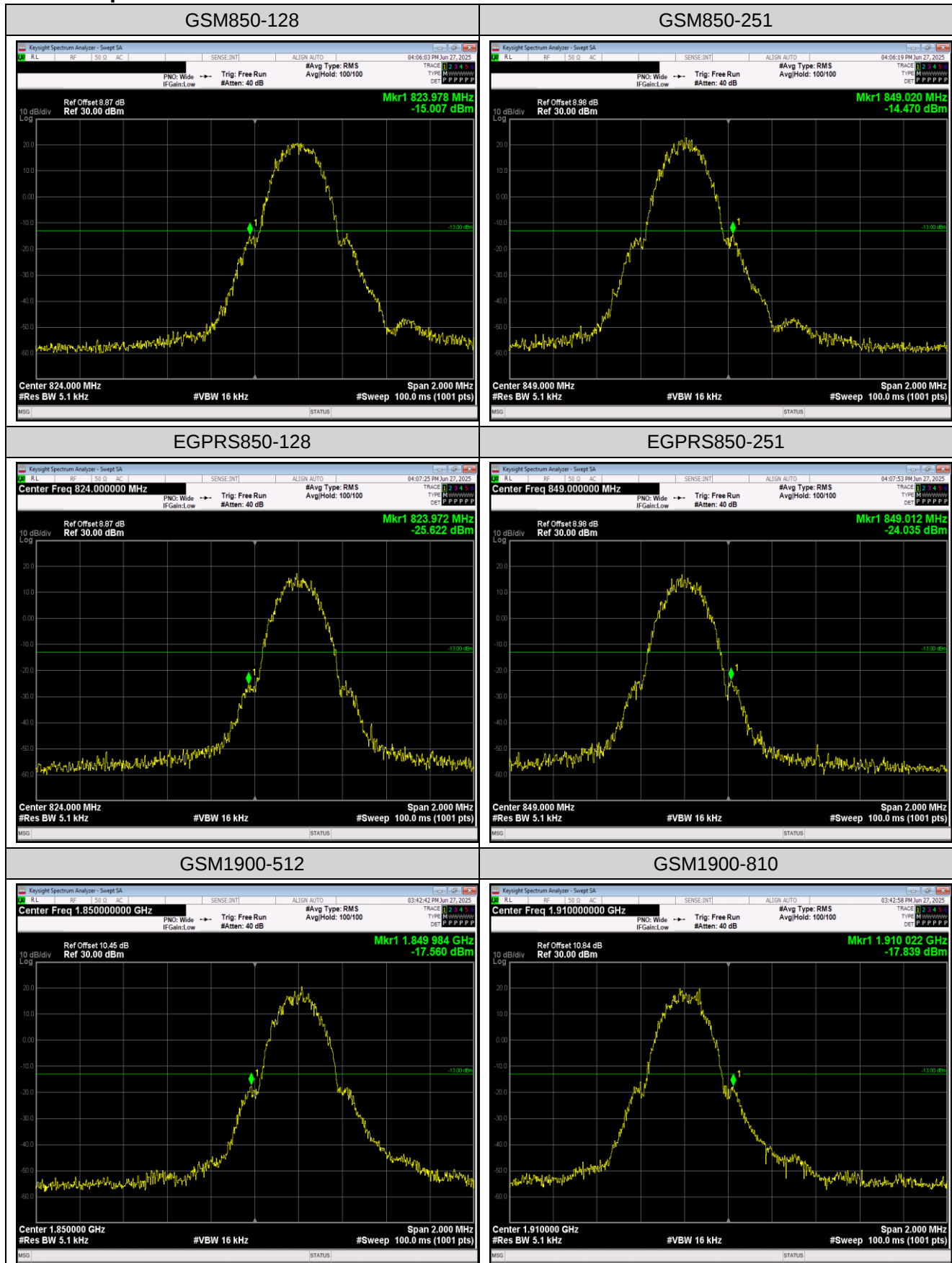


Appendix D: Band Edge

Test Result

Band	Channel	PCL	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	5	823.98	-15.01	-13	PASS
GSM850	251	5	849.02	-14.47	-13	PASS
EGPRS850	128	8	823.97	-25.62	-13	PASS
EGPRS850	251	8	849.01	-24.04	-13	PASS
GSM1900	512	0	1849.98	-17.56	-13	PASS
GSM1900	810	0	1910.02	-17.84	-13	PASS
EGPRS1900	512	2	1849.99	-21.42	-13	PASS
EGPRS1900	810	2	1910.01	-15.64	-13	PASS

Test Graphs

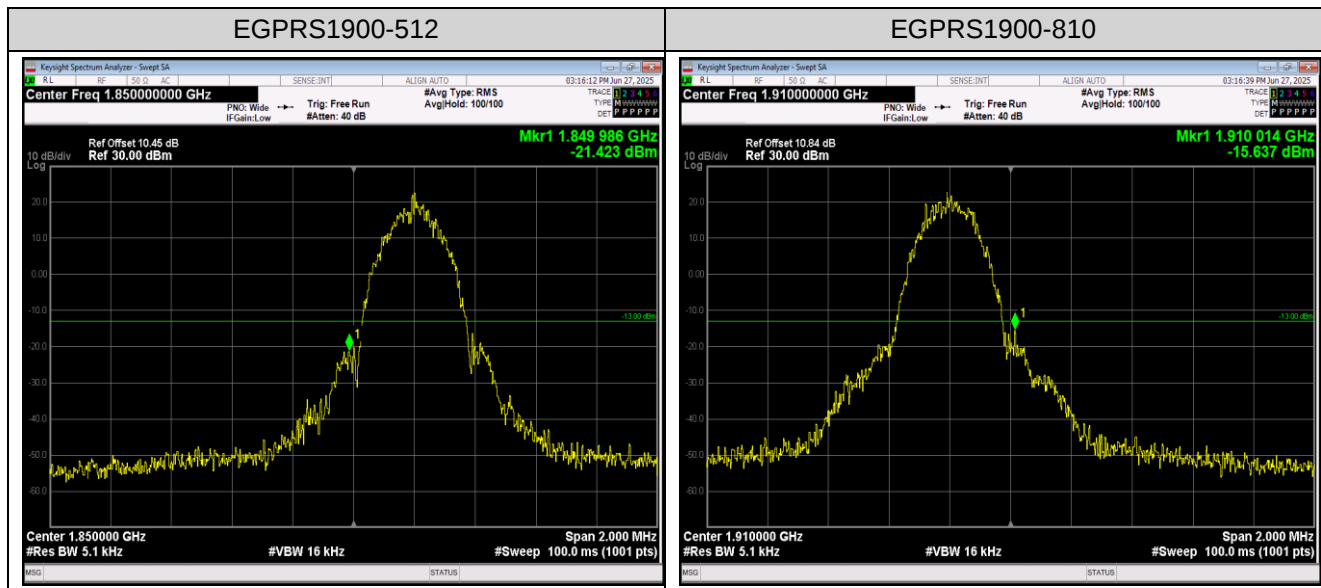


JianYan Testing Group Shenzhen Co., Ltd.

No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Project No.: JYTSZR2503072



Appendix E: Conducted Spurious Emission

Band	Channel	PCL	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	5	0.009~0.15MHz	0.01	-54.96	-33	PASS
GSM850	128	5	0.15~30MHz	0.15	-40.35	-13	PASS
GSM850	128	5	30~1000MHz	365.78	-44.43	-13	PASS
GSM850	128	5	1000~10000MHz	1648.6	-29.61	-13	PASS
GSM850	190	5	0.009~0.15MHz	0.01	-54.86	-33	PASS
GSM850	190	5	0.15~30MHz	0.15	-42.19	-13	PASS
GSM850	190	5	30~1000MHz	947.62	-44.83	-13	PASS
GSM850	190	5	1000~10000MHz	1673.2	-30.92	-13	PASS
GSM850	251	5	0.009~0.15MHz	0.01	-55.68	-33	PASS
GSM850	251	5	0.15~30MHz	0.15	-39.29	-13	PASS
GSM850	251	5	30~1000MHz	167.19	-44.83	-13	PASS
GSM850	251	5	1000~10000MHz	1697.8	-32.25	-13	PASS
GPRS850	128	5	0.009~0.15MHz	0.01	-55.06	-33	PASS
GPRS850	128	5	0.15~30MHz	0.15	-41.93	-13	PASS
GPRS850	128	5	30~1000MHz	991.5	-44.58	-13	PASS
GPRS850	128	5	1000~10000MHz	1648.6	-26.88	-13	PASS
GPRS850	190	5	0.009~0.15MHz	0.01	-55.41	-33	PASS
GPRS850	190	5	0.15~30MHz	0.15	-42.44	-13	PASS
GPRS850	190	5	30~1000MHz	962.78	-45.28	-13	PASS
GPRS850	190	5	1000~10000MHz	1673.2	-27.8	-13	PASS
GPRS850	251	5	0.009~0.15MHz	0.01	-52.87	-33	PASS
GPRS850	251	5	0.15~30MHz	0.16	-42.69	-13	PASS
GPRS850	251	5	30~1000MHz	348.61	-44.95	-13	PASS
GPRS850	251	5	1000~10000MHz	1697.8	-28.6	-13	PASS
GSM1900	512	0	0.009~0.15MHz	0.01	-56.89	-43	PASS
GSM1900	512	0	0.15~30MHz	0.15	-40.18	-23	PASS
GSM1900	512	0	30~1000MHz	700.17	-45.52	-13	PASS
GSM1900	512	0	1000~18000MHz	17032.7	-21.84	-13	PASS
GSM1900	661	0	0.009~0.15MHz	0.01	-55.13	-43	PASS
GSM1900	661	0	0.15~30MHz	0.15	-40.94	-23	PASS
GSM1900	661	0	30~1000MHz	984.42	-45.42	-13	PASS
GSM1900	661	0	1000~18000MHz	16197.43	-21.32	-13	PASS
GSM1900	810	0	0.009~0.15MHz	0.01	-54.9	-43	PASS
GSM1900	810	0	0.15~30MHz	0.15	-41.3	-23	PASS
GSM1900	810	0	30~1000MHz	846.48	-45.68	-13	PASS
GSM1900	810	0	1000~18000MHz	16538.57	-21.81	-13	PASS
GPRS1900	512	0	0.009~0.15MHz	0.01	-54.84	-43	PASS
GPRS1900	512	0	0.15~30MHz	0.15	-41.84	-23	PASS

GPRS1900	512	0	30~1000MHz	523.57	-44.93	-13	PASS
GPRS1900	512	0	1000~18000MHz	15864.8	-21.93	-13	PASS
GPRS1900	661	0	0.009~0.15MHz	0.01	-56.13	-43	PASS
GPRS1900	661	0	0.15~30MHz	0.17	-42.24	-23	PASS
GPRS1900	661	0	30~1000MHz	951.66	-45.38	-13	PASS
GPRS1900	661	0	1000~18000MHz	16932.4	-22.66	-13	PASS
GPRS1900	810	0	0.009~0.15MHz	0.01	-54.93	-43	PASS
GPRS1900	810	0	0.15~30MHz	0.15	-41.66	-23	PASS
GPRS1900	810	0	30~1000MHz	794.33	-45.34	-13	PASS
GPRS1900	810	0	1000~18000MHz	16132.83	-22.23	-13	PASS

Remark: All channel and all modulation had been tested, but only the worst case data displayed in this report.