

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	PCL	Average Power (dBm)	Antenna Gain (dBi)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)
GSM850	128	5	33.22	0.6	31.67	38.45
GSM850	190	5	33.32	0.6	31.77	38.45
GSM850	251	5	33.28	0.6	31.73	38.45
GSM1900	512	0	29.52	1.0	30.52	33.00
GSM1900	661	0	29.62	1.0	30.62	33.00
GSM1900	810	0	29.89	1.0	30.89	33.00

Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). (For GSM1900)
ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For GSM850)

Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	3	1	32.75	38.5	PASS
GPRS850	128	3	2	31.06	38.5	PASS
GPRS850	128	3	3	29.33	38.5	PASS
GPRS850	128	3	4	28.20	38.5	PASS
GPRS850	190	3	1	32.53	38.5	PASS
GPRS850	190	3	2	30.84	38.5	PASS
GPRS850	190	3	3	29.05	38.5	PASS
GPRS850	190	3	4	27.92	38.5	PASS
GPRS850	251	3	1	32.53	38.5	PASS
GPRS850	251	3	2	30.86	38.5	PASS
GPRS850	251	3	3	29.08	38.5	PASS
GPRS850	251	3	4	27.95	38.5	PASS
GPRS1900	512	0	1	28.80	33	PASS
GPRS1900	512	0	2	27.22	33	PASS
GPRS1900	512	0	3	25.43	33	PASS
GPRS1900	512	0	4	24.16	33	PASS
GPRS1900	661	0	1	28.94	33	PASS
GPRS1900	661	0	2	27.45	33	PASS
GPRS1900	661	0	3	25.67	33	PASS
GPRS1900	661	0	4	24.37	33	PASS
GPRS1900	810	0	1	28.93	33	PASS

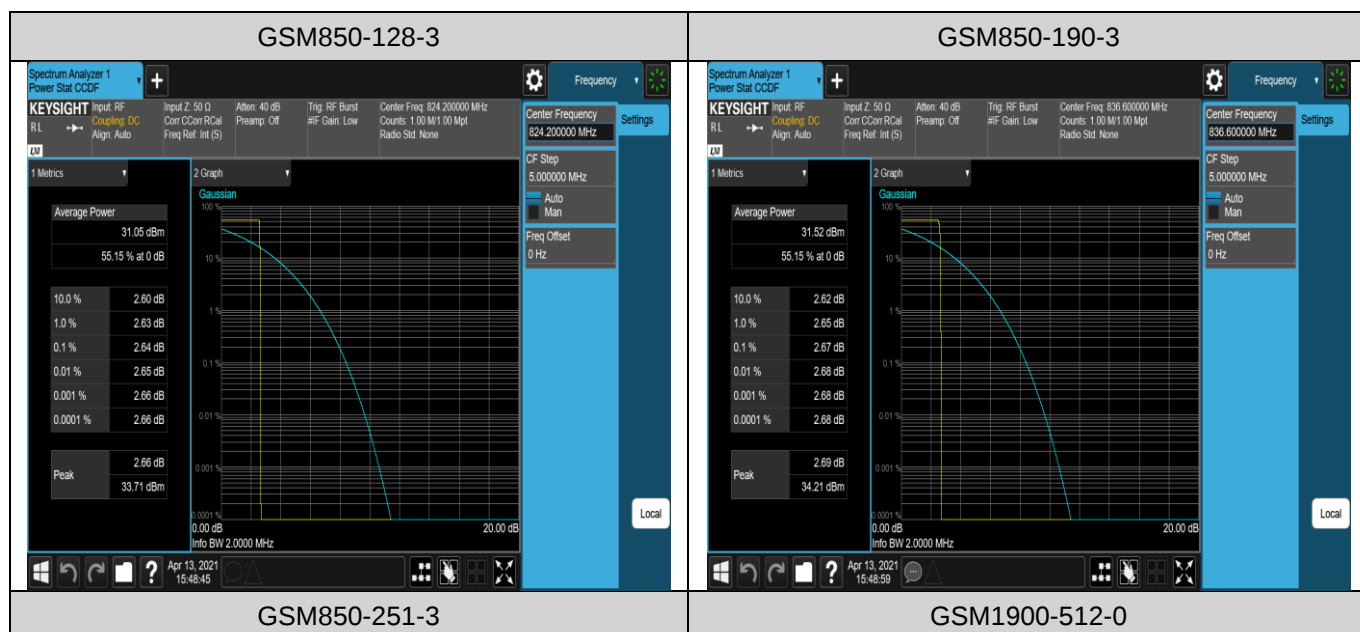
GPRS1900	810	0	2	27.49	33	PASS
GPRS1900	810	0	3	25.70	33	PASS
GPRS1900	810	0	4	24.40	33	PASS

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

Test Result

Band	Channel	PCL	Result(dB)	Limit(dB)	Verdict
GSM850	128	3	2.64	13	PASS
GSM850	190	3	2.67	13	PASS
GSM850	251	3	2.65	13	PASS
GSM1900	512	0	11.21	13	PASS
GSM1900	661	0	11.68	13	PASS
GSM1900	810	0	10.82	13	PASS

Test Graphs





GSM1900-661-0



GSM1900-810-0

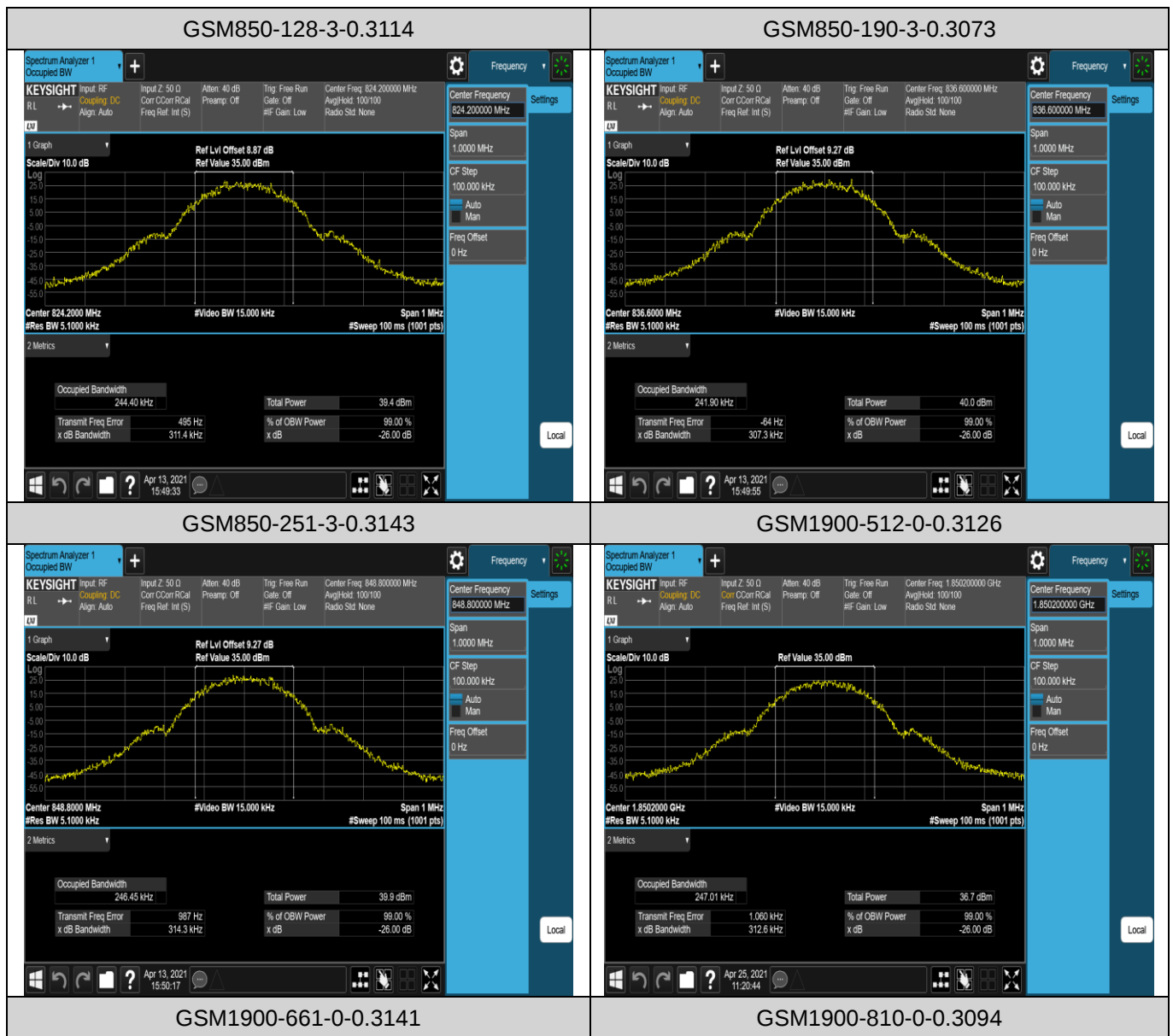


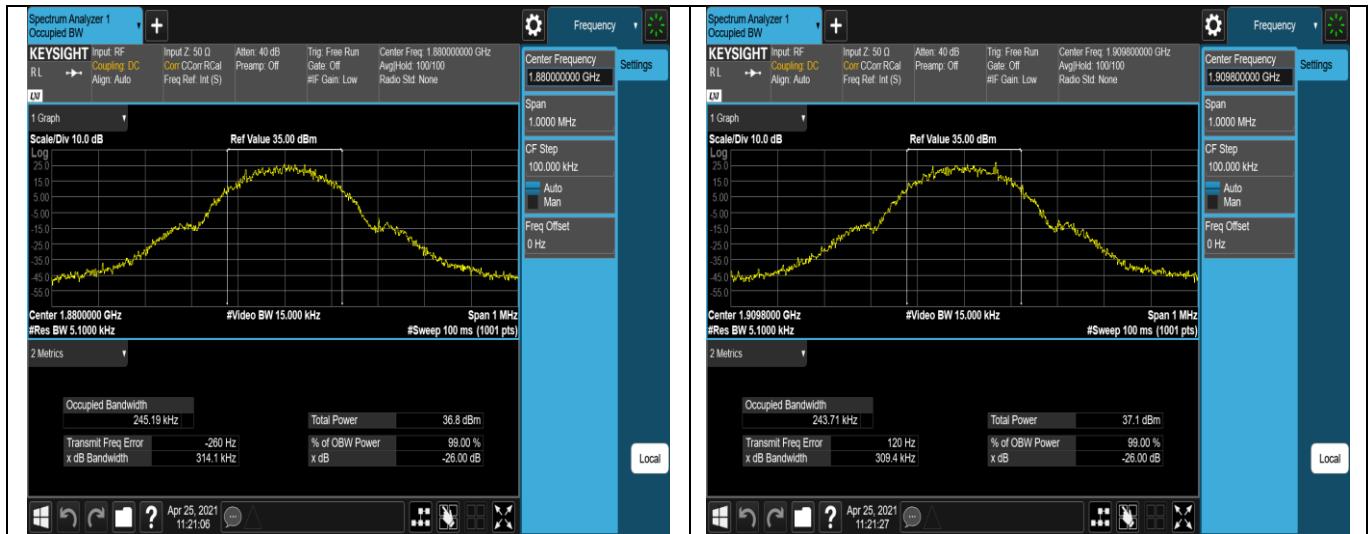
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	PCL	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	3	0.24440	0.3114	---	PASS
GSM850	190	3	0.24190	0.3073	---	PASS
GSM850	251	3	0.24645	0.3143	---	PASS
GSM1900	512	0	0.24701	0.3126	---	PASS
GSM1900	661	0	0.24519	0.3141	---	PASS
GSM1900	810	0	0.24371	0.3094	---	PASS

Test Graphs



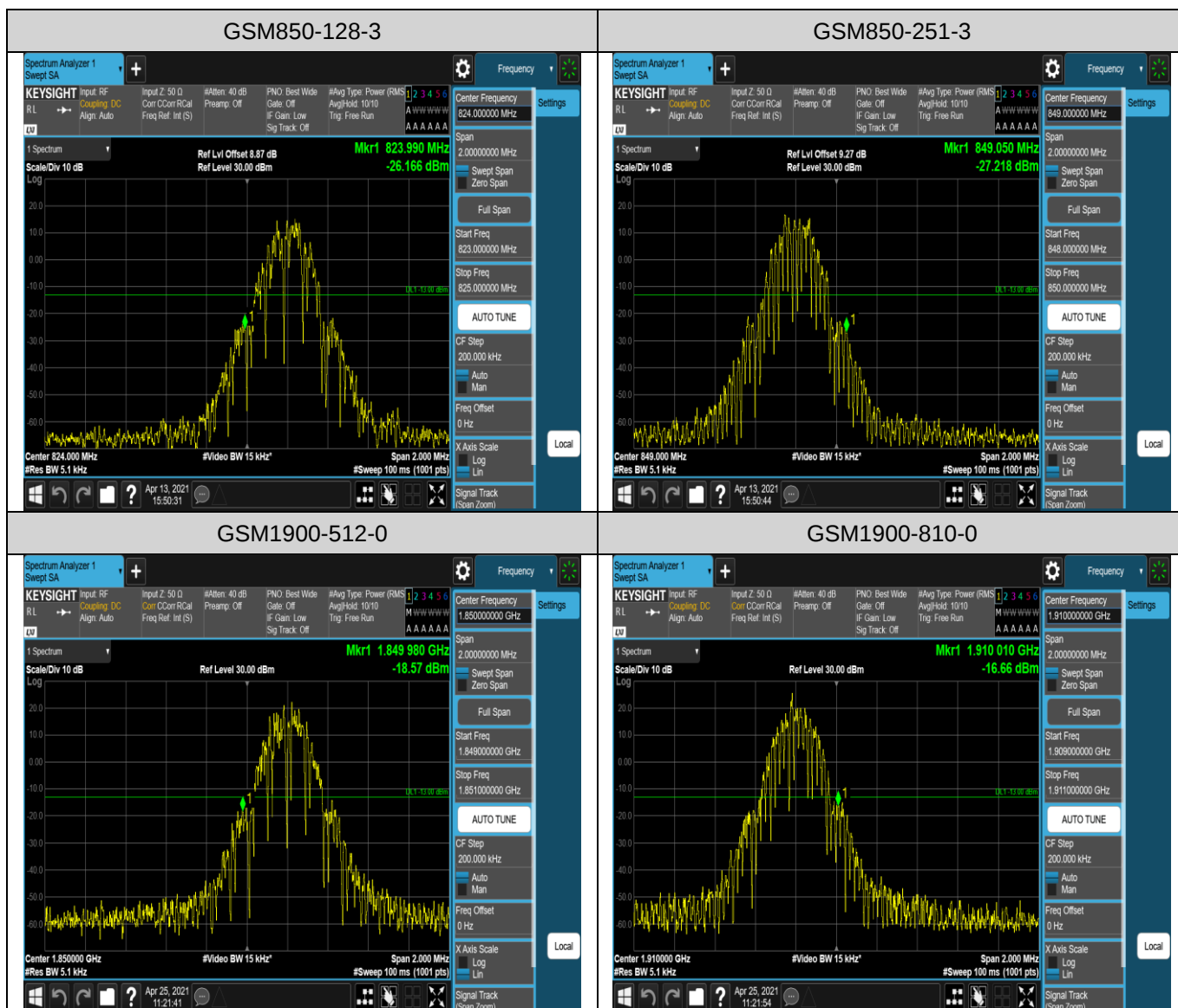


Appendix D: Band Edge

Test Result

Band	Channel	PCL	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	3	823.99	-21.62	-13	PASS
GSM850	251	3	849.05	-22.65	-13	PASS
GSM1900	512	0	1849.98	-14.88	-13	PASS
GSM1900	810	0	1910.01	-14.56	-13	PASS

Test Graphs



Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	PCL	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	3	0.009~0.15MHz	0.02	-65.34	-33	PASS
GSM850	128	3	0.15~30MHz	0.29	-57.21	-13	PASS
GSM850	128	3	30~1000MHz	520.59	-38.45	-13	PASS
GSM850	128	3	1000~3000MHz	2546.6	-28.03	-13	PASS
GSM850	128	3	3000~10000MHz	3395.5	-35.26	-13	PASS
GSM850	190	3	0.009~0.15MHz	0.01	-64.81	-33	PASS
GSM850	190	3	0.15~30MHz	0.29	-57.4	-13	PASS
GSM850	190	3	30~1000MHz	572.59	-38.79	-13	PASS
GSM850	190	3	1000~3000MHz	2546.13	-27.7	-13	PASS
GSM850	190	3	3000~10000MHz	3395.27	-34.59	-13	PASS
GSM850	251	3	0.009~0.15MHz	0.01	-62.58	-33	PASS
GSM850	251	3	0.15~30MHz	0.29	-1000	-13	PASS
GSM850	251	3	30~1000MHz	30	-1000	-13	PASS
GSM850	251	3	1000~3000MHz	2546.07	-28.67	-13	PASS
GSM850	251	3	3000~10000MHz	3394.33	-38.26	-13	PASS
GSM1900	512	0	0.009~0.15MHz	0.01	-66.65	-43	PASS
GSM1900	512	0	0.15~30MHz	0.77	-61.33	-23	PASS
GSM1900	512	0	30~1000MHz	860.22	-43.59	-13	PASS
GSM1900	512	0	1000~3000MHz	2797.53	-25.02	-13	PASS
GSM1900	512	0	3000~10000MHz	9435.8	-36.09	-13	PASS
GSM1900	512	0	10000~18000MHz	17820.8	-28.34	-13	PASS
GSM1900	661	0	0.009~0.15MHz	0.01	-73.5	-43	PASS
GSM1900	661	0	0.15~30MHz	1.76	-61.19	-23	PASS
GSM1900	661	0	30~1000MHz	994.44	-43.72	-13	PASS
GSM1900	661	0	1000~3000MHz	2722.47	-25.17	-13	PASS
GSM1900	661	0	3000~10000MHz	9878.2	-35.89	-13	PASS
GSM1900	661	0	10000~18000MHz	17746.13	-28.34	-13	PASS
GSM1900	810	0	0.009~0.15MHz	0.01	-70.95	-43	PASS
GSM1900	810	0	0.15~30MHz	0.29	-59.5	-23	PASS
GSM1900	810	0	30~1000MHz	415.48	-44.01	-13	PASS
GSM1900	810	0	1000~3000MHz	2757.67	-25.02	-13	PASS

GSM1900	810	0	3000~10000MHz	9463.57	-35.97	-13	PASS
GSM1900	810	0	10000~18000MHz	17965.33	-28.68	-13	PASS

Test Graphs

