

Report No.: SEWM2207000119RG01

Rev.: 01 Page: 1 of 57

# Appendix B.1

GSM850&1900



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Report No.: SEWM2207000119RG01

Rev.: 01 Page: 2 of 57

## **Effective (Isotropic) Radiated Power Output Data**

#### **Test Result**

Band	Channel	Slot	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	32.65	33.5	38.45	PASS
GPRS850	128	2	31.68	32.53	38.45	PASS
GPRS850	128	3	29.71	30.56	38.45	PASS
GPRS850	128	4	28.62	29.47	38.45	PASS
GPRS850	190	1	32.92	33.77	38.45	PASS
GPRS850	190	2	31.97	32.82	38.45	PASS
GPRS850	190	3	29.95	30.8	38.45	PASS
GPRS850	190	4	28.87	29.72	38.45	PASS
GPRS850	251	1	33.29	34.14	38.45	PASS
GPRS850	251	2	32.34	33.19	38.45	PASS
GPRS850	251	3	30.31	31.16	38.45	PASS
GPRS850	251	4	29.21	30.06	38.45	PASS
Band	Channel	Slot	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
GPRS1900	540					
5	512	1	29.63	32.63	33.00	PASS
GPRS1900	512 512	2	29.63 27.99	32.63 30.99	33.00 33.00	PASS PASS
GPRS1900	512	2	27.99	30.99	33.00	PASS
GPRS1900 GPRS1900	512 512	2	27.99 25.31	30.99 28.31	33.00 33.00	PASS PASS
GPRS1900 GPRS1900 GPRS1900	512 512 512	2 3 4	27.99 25.31 24.15	30.99 28.31 27.15	33.00 33.00 33.00	PASS PASS PASS
GPRS1900 GPRS1900 GPRS1900 GPRS1900	512 512 512 661	2 3 4 1	27.99 25.31 24.15 29.72	30.99 28.31 27.15 32.72	33.00 33.00 33.00 33.00	PASS PASS PASS
GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900	512 512 512 661 661	2 3 4 1 2	27.99 25.31 24.15 29.72 28.12	30.99 28.31 27.15 32.72 31.12	33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS
GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900	512 512 512 661 661 661	2 3 4 1 2 3	27.99 25.31 24.15 29.72 28.12 26.25	30.99 28.31 27.15 32.72 31.12 29.25	33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS
GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900	512 512 512 661 661 661 661	2 3 4 1 2 3 4	27.99 25.31 24.15 29.72 28.12 26.25 25.26	30.99 28.31 27.15 32.72 31.12 29.25 28.26	33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS PASS
GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900 GPRS1900	512 512 512 661 661 661 810	2 3 4 1 2 3 4 1	27.99 25.31 24.15 29.72 28.12 26.25 25.26 29.61	30.99 28.31 27.15 32.72 31.12 29.25 28.26 32.61	33.00 33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS PASS PASS



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Report No.: SEWM2207000119RG01

Rev.: 01 Page: 3 of 57

Band	Channel	Slot	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
EGPRS850	128	1	27.02	27.87	38.45	PASS
EGPRS850	128	2	25.30	26.15	38.45	PASS
EGPRS850	128	3	23.69	24.54	38.45	PASS
EGPRS850	128	4	22.47	23.32	38.45	PASS
EGPRS850	190	1	27.15	28	38.45	PASS
EGPRS850	190	2	25.45	26.3	38.45	PASS
EGPRS850	190	3	23.75	24.6	38.45	PASS
EGPRS850	190	4	22.65	23.5	38.45	PASS
EGPRS850	251	1	27.29	28.14	38.45	PASS
EGPRS850	251	2	25.64	26.49	38.45	PASS
EGPRS850	251	3	24.04	24.89	38.45	PASS
EGPRS850	251	4	22.88	23.73	38.45	PASS
Band	Channel	Slot	Power(dBm)	EIRP(dBm)	Limit(dDm)	Verdict
24.14	Orialistics	Side	Power(ubili)	Lirti (dBiii)	Limit(dBm)	verdict
EGPRS1900	512	1	26.43	29.43	33.00	PASS
			, ,		. ,	
EGPRS1900	512	1	26.43	29.43	33.00	PASS
EGPRS1900 EGPRS1900	512 512	1 2	26.43 25.77	29.43 28.77	33.00 33.00	PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900	512 512 512	1 2 3	26.43 25.77 24.13	29.43 28.77 27.13	33.00 33.00 33.00	PASS PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900	512 512 512 512	1 2 3 4	26.43 25.77 24.13 22.95	29.43 28.77 27.13 25.95	33.00 33.00 33.00 33.00	PASS PASS PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900	512 512 512 512 512 661	1 2 3 4 1	26.43 25.77 24.13 22.95 26.60	29.43 28.77 27.13 25.95 29.6	33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900	512 512 512 512 512 661 661	1 2 3 4 1 2	26.43 25.77 24.13 22.95 26.60 26.07	29.43 28.77 27.13 25.95 29.6 29.07	33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900	512 512 512 512 512 661 661	1 2 3 4 1 2 3	26.43 25.77 24.13 22.95 26.60 26.07 24.47	29.43 28.77 27.13 25.95 29.6 29.07 27.47	33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900	512 512 512 512 661 661 661 661	1 2 3 4 1 2 3 4	26.43 25.77 24.13 22.95 26.60 26.07 24.47 23.25	29.43 28.77 27.13 25.95 29.6 29.07 27.47 26.25	33.00 33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS PASS PASS
EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900 EGPRS1900	512 512 512 512 661 661 661 810	1 2 3 4 1 2 3 4 1	26.43 25.77 24.13 22.95 26.60 26.07 24.47 23.25 26.86	29.43 28.77 27.13 25.95 29.6 29.07 27.47 26.25 29.86	33.00 33.00 33.00 33.00 33.00 33.00 33.00 33.00	PASS PASS PASS PASS PASS PASS PASS PASS



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Report No.: SEWM2207000119RG01

Rev.: 01 Page: 4 of 57

## Peak-to-Average Ratio(CCDF)

#### **Test Result**

Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS850	128	8.3	13	PASS
GPRS850	190	7.92	13	PASS
GPRS850	251	7.54	13	PASS
EGPRS850	128	12.86	13	PASS
EGPRS850	190	12.88	13	PASS
EGPRS850	251	12.8	13	PASS
GPRS1900	512	9.62	13	PASS
GPRS1900	661	9.7	13	PASS
GPRS1900	810	9.7	13	PASS
EGPRS1900	512	12.82	13	PASS
EGPRS1900	661	12.68	13	PASS
EGPRS1900	810	12.52	13	PASS



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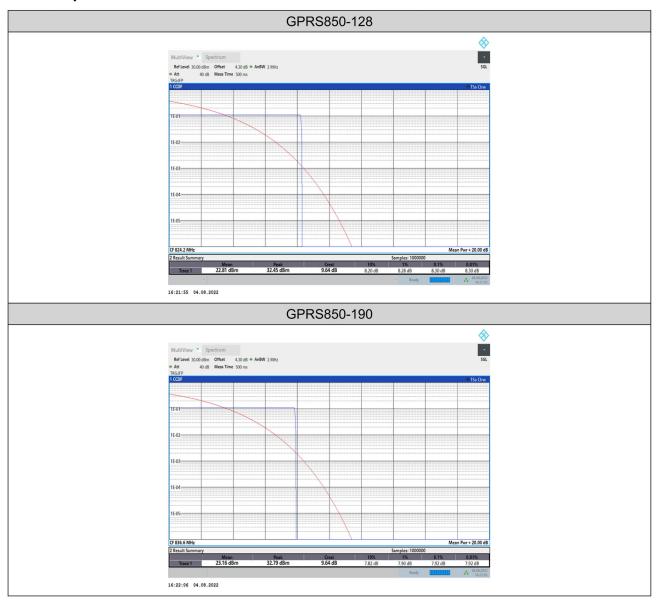
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Report No.: SEWM2207000119RG01

Rev.: 01 Page: 5 of 57

### **Test Graphs**





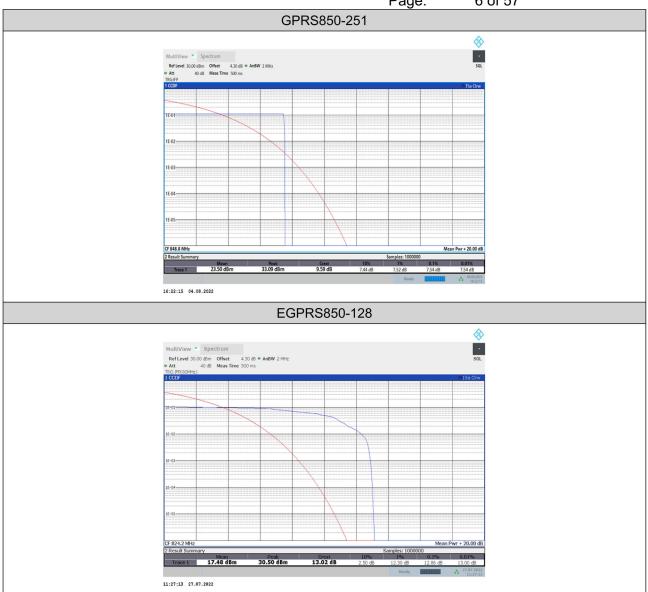
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Report No.: SEWM2207000119RG01

Rev.: 01 Page: 6 of 57





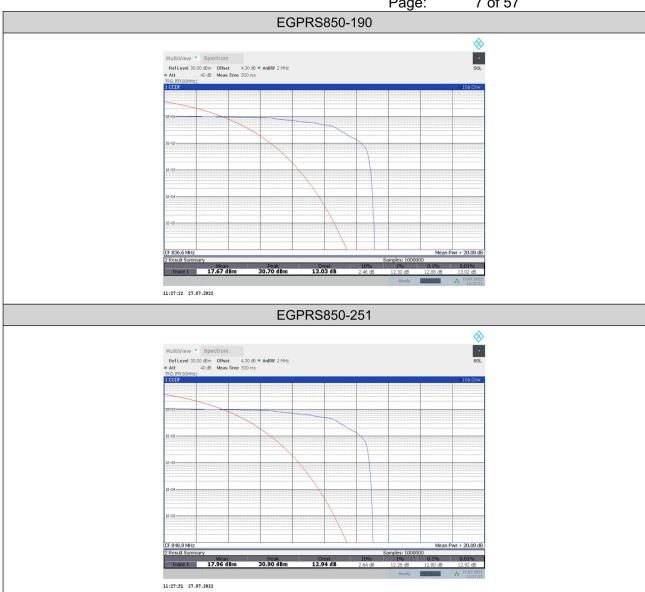
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Report No.: SEWM2207000119RG01

Rev.: 01 Page: 7 of 57





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