

# GSM Power

Note: The Conducted output powers refer to R2006A0361-R1V1 report and R2006A0361-R2V1 report, FCC ID: XMR201910BG95M3, which is issued by TA Technology (Shanghai) Co., Ltd.

Band	Channel	PCL	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
GSM850	128	5	32.13	24.48	38.77	PASS
GSM850	190	5	32.20	24.55	38.77	PASS
GSM850	251	5	32.24	24.59	38.77	PASS
GSM1900	512	0	29.83	30.53	33.01	PASS
GSM1900	661	0	29.74	30.44	33.01	PASS
GSM1900	810	0	29.71	30.41	33.01	PASS

Band	Channel	PCL	Slot	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
GPRS850	128	5	1	32.20	24.55	38.77	PASS
GPRS850	128	5	2	31.05	23.40	38.77	PASS
GPRS850	128	5	3	29.51	21.86	38.77	PASS
GPRS850	128	5	4	27.97	20.32	38.77	PASS
GPRS850	190	5	1	32.05	24.40	38.77	PASS
GPRS850	190	5	2	31.10	23.45	38.77	PASS
GPRS850	190	5	3	29.10	21.45	38.77	PASS
GPRS850	190	5	4	28.10	20.45	38.77	PASS
GPRS850	251	5	1	32.24	24.59	38.77	PASS
GPRS850	251	5	2	32.07	24.42	38.77	PASS
GPRS850	251	5	3	31.12	23.47	38.77	PASS
GPRS850	251	5	4	29.14	21.49	38.77	PASS
GPRS1900	512	0	1	29.80	30.50	33.01	PASS
GPRS1900	512	0	2	28.56	29.26	33.01	PASS
GPRS1900	512	0	3	27.90	28.60	33.01	PASS
GPRS1900	512	0	4	26.26	26.96	33.01	PASS
GPRS1900	661	0	1	29.66	30.36	33.01	PASS
GPRS1900	661	0	2	28.71	29.41	33.01	PASS
GPRS1900	661	0	3	27.53	28.23	33.01	PASS
GPRS1900	661	0	4	25.87	26.57	33.01	PASS
GPRS1900	810	0	1	29.59	30.29	33.01	PASS
GPRS1900	810	0	2	28.50	29.20	33.01	PASS

GPRS1900	810	0	3	27.22	27.92	33.01	PASS
GPRS1900	810	0	4	25.56	26.26	33.01	PASS

Band	Channel	PCL	Slot	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
EGPRS850	128	8	1	25.07	17.42	38.77	PASS
EGPRS850	128	8	2	24.32	16.67	38.77	PASS
EGPRS850	128	8	3	22.16	14.51	38.77	PASS
EGPRS850	128	8	4	20.87	13.22	38.77	PASS
EGPRS850	190	8	1	25.01	17.36	38.77	PASS
EGPRS850	190	8	2	24.12	16.47	38.77	PASS
EGPRS850	190	8	3	22.07	14.42	38.77	PASS
EGPRS850	190	8	4	21.02	13.37	38.77	PASS
EGPRS850	251	8	1	25.00	17.35	38.77	PASS
EGPRS850	251	8	2	24.20	16.55	38.77	PASS
EGPRS850	251	8	3	22.42	14.77	38.77	PASS
EGPRS850	251	8	4	21.03	13.38	38.77	PASS
EGPRS1900	512	2	1	25.23	25.93	33.01	PASS
EGPRS1900	512	2	2	24.20	24.90	33.01	PASS
EGPRS1900	512	2	3	22.45	23.15	33.01	PASS
EGPRS1900	512	2	4	21.23	21.93	33.01	PASS
EGPRS1900	661	2	1	25.17	25.87	33.01	PASS
EGPRS1900	661	2	2	24.04	24.74	33.01	PASS
EGPRS1900	661	2	3	22.01	22.71	33.01	PASS
EGPRS1900	661	2	4	21.02	21.72	33.01	PASS
EGPRS1900	810	2	1	24.78	25.48	33.01	PASS
EGPRS1900	810	2	2	24.01	24.71	33.01	PASS
EGPRS1900	810	2	3	21.94	22.64	33.01	PASS
EGPRS1900	810	2	4	20.74	21.44	33.01	PASS

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

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

**Spot Check:**

Band	Channel	PCL	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
GSM850	128	5	31.89	24.24	38.77	PASS
GSM850	190	5	32.11	24.46	38.77	PASS
GSM850	251	5	32.05	24.40	38.77	PASS
GSM1900	512	0	29.22	29.92	33.01	PASS

GSM1900	661	0	29.16	29.86	33.01	PASS
GSM1900	810	0	29.18	29.88	33.01	PASS

Band	Channel	PCL	Slot	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
GPRS850	128	5	1	31.92	24.27	38.77	PASS
GPRS850	128	5	2	30.55	22.90	38.77	PASS
GPRS850	128	5	3	29.16	21.51	38.77	PASS
GPRS850	128	5	4	28.05	20.40	38.77	PASS
GPRS850	190	5	1	31.86	24.21	38.77	PASS
GPRS850	190	5	2	30.88	23.23	38.77	PASS
GPRS850	190	5	3	28.96	21.31	38.77	PASS
GPRS850	190	5	4	27.75	20.10	38.77	PASS
GPRS850	251	5	1	32.05	24.4	38.77	PASS
GPRS850	251	5	2	31.82	24.17	38.77	PASS
GPRS850	251	5	3	30.88	23.23	38.77	PASS
GPRS850	251	5	4	28.96	21.31	38.77	PASS
GPRS1900	512	0	1	29.73	30.43	33.01	PASS
GPRS1900	512	0	2	28.36	29.06	33.01	PASS
GPRS1900	512	0	3	27.19	27.89	33.01	PASS
GPRS1900	512	0	4	26.20	26.90	33.01	PASS
GPRS1900	661	0	1	29.30	30.00	33.01	PASS
GPRS1900	661	0	2	28.55	29.25	33.01	PASS
GPRS1900	661	0	3	27.40	28.10	33.01	PASS
GPRS1900	661	0	4	25.13	25.83	33.01	PASS
GPRS1900	810	0	1	29.43	30.13	33.01	PASS
GPRS1900	810	0	2	28.37	29.07	33.01	PASS
GPRS1900	810	0	3	27.40	28.10	33.01	PASS
GPRS1900	810	0	4	25.11	25.81	33.01	PASS