

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 GSM850_ERP

Band: GSM850								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	GSM	GSM	824.2	32.86	-3.36	27.35	<=38.45	Pass
			836.6	33.00	-3.36	27.49	<=38.45	Pass
			848.8	33.13	-3.36	27.62	<=38.45	Pass
	EGPRS	1 TX Slot	824.2	25.75	-3.36	20.24	<=38.45	Pass
		2 TX Slots	824.2	22.58	-3.36	17.07	<=38.45	Pass
		3 TX Slots	824.2	20.50	-3.36	14.99	<=38.45	Pass
		4 TX Slots	824.2	18.92	-3.36	13.41	<=38.45	Pass
		1 TX Slot	836.6	28.24	-3.36	22.73	<=38.45	Pass
		2 TX Slots	836.6	22.37	-3.36	16.86	<=38.45	Pass
		3 TX Slots	836.6	20.26	-3.36	14.75	<=38.45	Pass
		4 TX Slots	836.6	18.75	-3.36	13.24	<=38.45	Pass
		1 TX Slot	848.8	25.67	-3.36	20.16	<=38.45	Pass
		2 TX Slots	848.8	22.46	-3.36	16.95	<=38.45	Pass
		3 TX Slots	848.8	23.10	-3.36	17.59	<=38.45	Pass
		4 TX Slots	848.8	18.89	-3.36	13.38	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Field Strength of Spurious Radiation

GSM 850_ Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1648.4	69.20	-49.83	25.57	-50.32	-13.00	37.32	Horizontal
2	2472.6	81.62	-49.06	27.15	-35.55	-13.00	22.55	Horizontal
3	3296.8	51.28	-48.63	28.34	-64.27	-13.00	51.27	Horizontal
4	4121	52.73	-48.28	29.49	-61.32	-13.00	48.32	Horizontal
5	4945.2	49.31	-48.07	31.08	-62.95	-13.00	49.95	Horizontal
6	5769.4	50.65	-47.65	32.71	-59.56	-13.00	46.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1648.4	48.34	-49.83	25.57	-71.18	-13.00	58.18	Vertical
2	2472.6	66.73	-49.06	27.15	-50.44	-13.00	37.44	Vertical
3	3296.8	49.17	-48.63	28.34	-66.38	-13.00	53.38	Vertical
4	4121	51.23	-48.28	29.49	-62.82	-13.00	49.82	Vertical
5	4945.2	49.26	-48.07	31.08	-63.00	-13.00	50.00	Vertical
6	5769.4	50.50	-47.65	32.71	-59.71	-13.00	46.71	Vertical

GSM 850_Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1672.8	67.70	-49.78	25.61	-51.73	-13.00	38.73	Horizontal
2	2509.2	79.96	-48.93	27.22	-37.01	-13.00	24.01	Horizontal
3	3345.6	50.83	-48.66	28.38	-64.71	-13.00	51.71	Horizontal
4	4182	55.09	-48.34	29.59	-58.92	-13.00	45.92	Horizontal
5	5018.4	50.34	-47.95	31.25	-61.62	-13.00	48.62	Horizontal
6	5854.8	50.16	-47.33	32.74	-59.69	-13.00	46.69	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1672.8	47.66	-49.78	25.61	-71.77	-13.00	58.77	Vertical
2	2509.2	70.02	-48.93	27.22	-46.95	-13.00	33.95	Vertical
3	3345.6	48.60	-48.66	28.38	-66.94	-13.00	53.94	Vertical
4	4182	48.32	-48.34	29.59	-65.69	-13.00	52.69	Vertical
5	5018.4	49.25	-47.95	31.25	-62.71	-13.00	49.71	Vertical
6	5854.8	50.00	-47.33	32.74	-59.85	-13.00	46.85	Vertical

GSM 850_High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1697.6	59.83	-49.72	25.65	-59.51	-13.00	46.51	Horizontal
2	2546.4	78.02	-49.03	27.28	-38.98	-13.00	25.98	Horizontal
3	3395.2	49.27	-48.69	28.42	-66.26	-13.00	53.26	Horizontal
4	4244	49.14	-48.21	29.69	-64.64	-13.00	51.64	Horizontal
5	5092.8	50.06	-47.92	31.46	-61.66	-13.00	48.66	Horizontal
6	5941.6	50.83	-47.26	32.78	-58.92	-13.00	45.92	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1697.6	50.51	-49.72	25.65	-68.83	-13.00	55.83	Vertical
2	2546.4	67.96	-49.03	27.28	-49.04	-13.00	36.04	Vertical
3	3395.2	48.38	-48.69	28.42	-67.15	-13.00	54.15	Vertical
4	4244	48.46	-48.21	29.69	-65.32	-13.00	52.32	Vertical
5	5092.8	49.81	-47.92	31.46	-61.91	-13.00	48.91	Vertical
6	5941.6	49.97	-47.26	32.78	-59.78	-13.00	46.78	Vertical