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	-4.1	26.61	<=38.45	Pass
			836.6	33.00	-4.1	26.75	<=38.45	Pass
			848.8	33.13	-4.1	26.88	<=38.45	Pass
	EGPRS	1 TX Slot	824.2	25.75	-4.1	19.5	<=38.45	Pass
		2 TX Slots	824.2	22.58	-4.1	16.33	<=38.45	Pass
		3 TX Slots	824.2	20.50	-4.1	14.25	<=38.45	Pass
		4 TX Slots	824.2	18.92	-4.1	12.67	<=38.45	Pass
		1 TX Slot	836.6	28.24	-4.1	21.99	<=38.45	Pass
		2 TX Slots	836.6	22.37	-4.1	16.12	<=38.45	Pass
		3 TX Slots	836.6	20.26	-4.1	14.01	<=38.45	Pass
		4 TX Slots	836.6	18.75	-4.1	12.5	<=38.45	Pass
		1 TX Slot	848.8	25.67	-4.1	19.42	<=38.45	Pass
		2 TX Slots	848.8	22.46	-4.1	16.21	<=38.45	Pass
		3 TX Slots	848.8	23.10	-4.1	16.85	<=38.45	Pass
		4 TX Slots	848.8	18.89	-4.1	12.64	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Field Strength of Spurious Radiation

Test Band = GSM 850_
Test Channel = Low

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1648.4	82.58	-49.83	25.57	-36.94	-13.00	23.94	Horizontal
2	2472.6	79.75	-49.06	27.15	-37.42	-13.00	24.42	Horizontal
3	3296.8	56.35	-48.63	28.34	-59.20	-13.00	46.20	Horizontal
4	4121	61.51	-48.28	29.49	-52.54	-13.00	39.54	Horizontal
5	4945.2	52.20	-48.07	31.08	-60.06	-13.00	47.06	Horizontal
6	5769.4	50.76	-47.65	32.71	-59.45	-13.00	46.45	Horizontal

Test Band = GSM 850_
Test Channel = Low

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1648.4	71.61	-49.83	25.57	-47.91	-13.00	34.91	Vertical
2	2472.6	81.01	-49.06	27.15	-36.16	-13.00	23.16	Vertical
3	3296.8	50.34	-48.63	28.34	-65.21	-13.00	52.21	Vertical
4	4121	60.89	-48.28	29.49	-53.16	-13.00	40.16	Vertical
5	4945.2	50.17	-48.07	31.08	-62.09	-13.00	49.09	Vertical
6	5769.4	51.85	-47.65	32.71	-58.36	-13.00	45.36	Vertical

Test Band = GSM 850_
Test Channel = Mid

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1672.8	70.52	-49.78	25.61	-48.91	-13.00	35.91	Horizontal
2	2509.2	74.14	-48.93	27.22	-42.83	-13.00	29.83	Horizontal
3	3345.6	49.82	-48.66	28.38	-65.72	-13.00	52.72	Horizontal
4	4182	57.66	-48.34	29.59	-56.35	-13.00	43.35	Horizontal
5	5018.4	50.45	-47.95	31.25	-61.51	-13.00	48.51	Horizontal
6	5854.8	50.64	-47.33	32.74	-59.21	-13.00	46.21	Horizontal

Test Band = GSM 850_
Test Channel = Mid

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1672.8	69.33	-49.78	25.61	-50.10	-13.00	37.10	Vertical
2	2509.2	76.20	-48.93	27.22	-40.77	-13.00	27.77	Vertical
3	3345.6	48.41	-48.66	28.38	-67.13	-13.00	54.13	Vertical
4	4182	50.21	-48.34	29.59	-63.80	-13.00	50.80	Vertical
5	5018.4	49.74	-47.95	31.25	-62.22	-13.00	49.22	Vertical
6	5854.8	49.96	-47.33	32.74	-59.89	-13.00	46.89	Vertical

Test Band = GSM 850_
Test Channel = High

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2546.2222	70.52	-49.02	27.28	-46.48	-13.00	33.48	Horizontal
2	3395.1111	53.23	-48.69	28.42	-62.30	-13.00	49.30	Horizontal
3	1697.6	68.89	-49.72	25.65	-50.45	-13.00	37.45	Horizontal
4	4244	57.68	-48.21	29.69	-56.10	-13.00	43.10	Horizontal
5	5092.8	50.69	-47.92	31.46	-61.03	-13.00	48.03	Horizontal
6	5941.6	50.49	-47.26	32.78	-59.26	-13.00	46.26	Horizontal

Test Band = GSM 850_
Test Channel = High

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2546.2222	79.28	-49.02	27.28	-37.72	-13.00	24.72	Vertical
2	1697.6	65.36	-49.72	25.65	-53.98	-13.00	40.98	Vertical
3	3395.2	48.39	-48.69	28.42	-67.14	-13.00	54.14	Vertical
4	4244	55.55	-48.21	29.69	-58.23	-13.00	45.23	Vertical
5	5092.8	50.48	-47.92	31.46	-61.24	-13.00	48.24	Vertical
6	5941.6	49.89	-47.26	32.78	-59.86	-13.00	46.86	Vertical