

13.1 SAR TEST DATA SUMMARY

	Ambient TEMPERATURE (°C)	24.0
	Relative HUMIDITY (%)	57.0
	Atmospheric PRESSURE (kPa)	100.0
Mixture Type:	800MHz Brain	800MHz Muscle
Dielectric Constant:	42.5	56.2
Conductivity:	0.86	0.95
Closest Distance (between E-Probe & Phone): 1.7 cm		

13.2 Measurement Results (Head/Hand SAR)

FREQUENCY		Mixture Type	Modulation	POWER* (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.						
824.70	1013	Brain	CDMA	24.8	Left Ear	In	0.484
824.70	1013	Brain	CDMA	24.8	Left Ear	Out	0.554
835.89	363	Brain	CDMA	24.8	Left Ear	In	0.583
835.89	363	Brain	CDMA	24.8	Left Ear	Out	0.650
848.31	777	Brain	CDMA	24.8	Left Ear	In	0.220
848.31	777	Brain	CDMA	24.8	Left Ear	Out	0.633
835.89	363	Hand/Muscle	CDMA	24.8	Flat	In	0.092**
835.89	363	Hand/Muscle	CDMA	24.8	Flat	Out	0.132**
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population				Brain 1.6 W/kg (mW/g) averaged over 1 gram		**Hand 4.0 W/kg (mW/g) averaged over 10 grams	

NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
- All modes of operation were investigated and the worst-case are reported.
- Battery Type ☒ Standard ☐ Extended
Radiated measurements indicate that the extended-life battery produces a lower ERP, therefore the standard-life battery is used.
- *Power Measured ☒ Conducted ☐ EIRP ☐ ERP
- SAR Measurement System ☒ SPEAG ☐ IDX
- SAR Configuration ☒ Head ☐ Body ☒ Hand


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Figure 14. Head SAR Test Setup

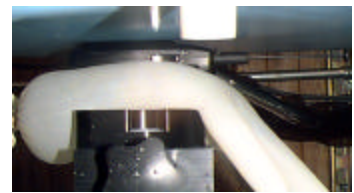


Figure 15. Head SAR Test Setup