

13.1 SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	22.4
Relative HUMIDITY (%)	59.5
Atmospheric PRESSURE (kPa)	99.7

Mixture Type: 835MHz Brain

Dielectric Constant: 41.5

Conductivity: 0.90

Closest Distance (between E-Probe & EUT Antenna): 1.6 cm

13.2 Measurement Results (CELLULAR CDMA Head SAR)

FREQUENCY		Modulation	POWER* (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
824.70	1013	CDMA	24.5 [Extended Battery]	Left Ear	In	0.910
824.70	1013	CDMA	24.5 [Extended Battery]	Left Ear	Out	0.993
835.89	0363	CDMA	24.5 [Extended Battery]	Left Ear	In	1.140
835.89	0363	CDMA	24.5 [Extended Battery]	Left Ear	Out	1.360
848.31	0777	CDMA	24.5 [Extended Battery]	Left Ear	In	0.907
848.31	0777	CDMA	24.5 [Extended Battery]	Left Ear	Out	0.970
835.89	0363	CDMA	24.5 [Standard Battery]	Left Ear	In	0.976
835.89	0363	CDMA	24.5 [Standard Battery]	Left Ear	Out	1.000
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population				Brain 1.6 W/kg (mW/g) averaged over 1 gram		

NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
- Battery condition is fully charged for all readings.
- All modes of operation were investigated and the worst-case are reported.
- Battery Type ☒ Standard ☒ Extended
- *Power Measured ☒ Conducted ☐ EIRP ☐ ERP
- SAR Measurement System ☒ SPEAG ☐ IDX
- SAR Configuration ☒ Head ☐ Body ☐ Hand


Randy Ortanez
President & Chief Engineer

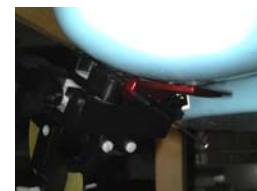


Figure 17. Head SAR Test Setup