

13.1 SAR TEST DATA SUMMARY (Continued)

Ambient TEMPERATURE (°C) 22.4
Relative HUMIDITY (%) 60.1
Atmospheric PRESSURE (kPa) 99.6

Mixture Type: 835MHz Muscle

Dielectric Constant: 55.2

Measured Depth of Simulating Tissue: 15.5 cm

Conductivity: 0.97

Measured Tissue TEMPERATURE (°C) 22.2

13.2 Measurement Results (Cellular CDMA Body SAR w/o Holster)

FREQUENCY		Modulation	Begin / End POWER*			Separation Distance (cm)**	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.70	1013	CDMA	23.2	23.0	Standard	1.0 [without Holster]	Fixed	0.973
836.49	0383	CDMA	23.3	23.0	Standard	1.0 [without Holster]	Fixed	1.190
848.31	0777	CDMA	23.2	23.0	Standard	1.0 [without Holster]	Fixed	1.050
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:

- All modes of operation were investigated and the worst-case are reported.
- Battery condition is fully charged for all readings.
- * Power Measured ☒ Conducted ☐ EIRP ☐ ERP
- SAR Measurement System ☒ SPEAG ☐ IDX
Phantom configuration ☒ Flat Phantom
- SAR Configuration ☐ Head ☒ Body ☐ Hand
- ** Test Configuration ☐ Holster ☒ Without Holster

Spacing = 2.0cm from flat phantom to the back top & base of phone, 1.7cm from flat phantom to retracted antenna, & 1.0cm from flat phantom to extended antenna. The worst-case spacing of 1.0cm is noted and specified in the User's Manual on the RF Exposure Warning page.


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Figure 26. Body SAR Test Setup