

13.1 SAR TEST DATA SUMMARY (Continued)

Ambient TEMPERATURE (°C) 22.7
Relative HUMIDITY (%) 60.0
Atmospheric PRESSURE (kPa) 99.5

Mixture Type: 835MHz Muscle

Dielectric Constant: 55.3

Measured Depth of Simulating Tissue: 15.5 cm

Conductivity: 0.96

Measured Tissue TEMPERATURE (°C) 22.5

13.10 Measurement Results (AMPS Body SAR w/o Holster)

FREQUENCY		Modulation	POWER*			Separation Distance (cm)**	Antenna Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery			
824.04	0991	AMPS	26.5	26.5	Standard	1.5 [without Holster]	Fixed	0.811
836.49	0383	AMPS	26.5	26.5	Standard	1.5 [without Holster]	Fixed	0.988
848.97	0799	AMPS	26.5	26.5	Standard	1.5 [without Holster]	Fixed	0.856
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Body 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. *Standard Battery is the ONLY Battery Option.*
 - * 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 = 1.5cm from flat phantom to the back top & base of phone, and 1.5cm from flat phantom to fixed antenna. The worst-case spacing of 1.5cm 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