

13.1 SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C) 23.0
Relative HUMIDITY (%) 57.0
Atmospheric PRESSURE (kPa) 95.0

Mixture Type: Brain

Dielectric Constant: 42.5

Conductivity: 0.86 S/m

Closest Distance (between E-Probe & Phone): 1.7 cm

13.2 Measurement Results (Head SAR)

FREQUENCY		Modulation	POWER * (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
824.04	991	AMPS	27.0	Left Ear	IN	1.34
824.04	991	AMPS	27.0	Left Ear	OUT	0.787
836.49	383	AMPS	27.0	Left Ear	IN	1.30
836.49	383	AMPS	27.0	Left Ear	OUT	0.843
848.97	799	AMPS	27.0	Left Ear	IN	1.35
848.97	799	AMPS	27.0	Left Ear	OUT	1.01
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.
- 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