

13.1 SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	22.9
Relative HUMIDITY (%)	60.2
Atmospheric PRESSURE (kPa)	99.8

Mixture Type: 2450MHz Muscle

Dielectric Constant: 52.0

Measured Depth of Simulating Tissue: 15.5 cm

Conductivity: 2.20

Measured Tissue TEMPERATURE (°C) 22.7

13.3 Measurement Results (DSSS Body SAR)

FREQUENCY		Modulation	POWER * (dBm)	Separation Distance (cm)**	Antenna Position	SAR (W/kg)
MHz	Ch.					
2412	Low	DSSS	21.5dBm	Touch	Fixed	0.599
2437	Mid	DSSS	21.5dBm	Touch	Fixed	0.449
2462	High	DSSS	21.5dBm	Touch	Fixed	0.637
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 option.
 - Battery Type Standard Extended
 - * Power Measured Conducted EIRP ERP
 - SAR Measurement System SPEAG IDX
 - SAR Configuration Head Body Hand
 - ** Test Configuration Body Holster Without Body Holster
- Spacing = Touch; Rear Panel (internal antenna side) of EUT touching flat phantom.

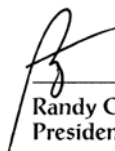

 Randy Ortanez
 President



Figure 17. Body SAR
 Test Setup

13.1 SAR TEST DATA SUMMARY (Continued)

Ambient TEMPERATURE (°C)	22.9
Relative HUMIDITY (%)	60.2
Atmospheric PRESSURE (kPa)	99.8

Mixture Type: 2450MHz Muscle

Dielectric Constant: 52.0

Measured Depth of Simulating Tissue: 15.5 cm

Conductivity: 2.20

Measured Tissue TEMPERATURE (°C) 22.7

13.4 Measurement Results (DSSS Hand SAR – Rear* of EUT)

FREQUENCY		Modulation	POWER ** (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
2412	Low	DSSS	21.5dBm	Flat	Fixed	0.309
2437	Mid	DSSS	21.5dBm	Flat	Fixed	0.231
2462	High	DSSS	21.5dBm	Flat	Fixed	0.315
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population				Hand 4.0 W/kg (mW/g) averaged over 10 grams		

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.
 - Battery Type Standard Extended
 - ** Power Measured Conducted EIRP ERP
 - SAR Measurement System SPEAG IDX
 - SAR Configuration Head Body Hand
- *Spacing = Touch; Front panel (antenna flip-side) of EUT is placed parallel to flat phantom.

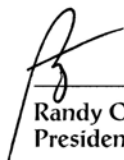

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Figure 18. Hand SAR
 Test Setup