

1.1 SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	19.5
Relative HUMIDITY (%)	41.7
Atmospheric PRESSURE (kPa)	99.5

Mixture Type: MuscleDielectric Constant: 51.7Conductivity: 1.10/m**Measurement Results (AMPS Body SAR)**

FREQUENCY		Modulation	POWER * (dBm)	Separation Distance (cm)**	Antenna Position	SAR (W/kg)
MHz	Ch.					
836.49	383	AMPS	24.8	1.9	IN	0.9226
836.49	383	AMPS	24.8	1.9	OUT	0.5993
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.
- * Power Measured ☒ Conducted ☐ EIRP ☐ ERP
- SAR Measurement System ☐ SPEAG ☒ IDX
- SAR Configuration ☐ Head ☒ Body ☐ Hand
- Test Configuration ☒ Belt-Clip ☐ w/o Belt-Clip



Randy Ortanez
President & Chief Engineer



**Fig. A Body SAR
Test Setup**

1.2 SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	19.5
Relative HUMIDITY (%)	41.7
Atmospheric PRESSURE (kPa)	99.5

Mixture Type: MuscleDielectric Constant: 40.4Conductivity: 1.82 S/m**Measurement Results (PCS Body SAR)**

FREQUENCY		Modulation	POWER * (dBm)	Separation Distance (cm)**	Antenna Position	SAR (W/kg)
MHz	Ch.					
1851.25	25	CDMA	21.8	1.9	IN	1.1713
1851.25	25	CDMA	21.8	1.9	OUT	0.6746
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.
- * Power Measured ☒ Conducted ☐ EIRP ☐ ERP
- SAR Measurement System ☐ SPEAG ☒ IDX
- SAR Configuration ☐ Head ☒ Body ☐ Hand
- Test Configuration ☒ Belt-Clip ☐ w/o Belt-Clip



Randy Ortanez
President & Chief Engineer



**Fig. A Body SAR
Test Setup**