

## SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	43.4
Atmospheric PRESSURE (kPa)	101.0

### Measured Values:

Mixture Type:	Brain
Dielectric Constant:	41.5
Conductivity:	0.90
Liquid Depth:	15.1 cm

Closest Distance (between E-Probe & Phone): 1.9 cm

### Measurement Results (AMPS Head SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
824.04	991	AMPS	27.2	Right Ear	OUT	1.2494
824.04	991	AMPS	27.2	Right Ear	OUT	1.2190*
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.
  - Power Measured ☒ Conducted ☐ EIRP ☐ ERP
  - SAR Measurement System ☐ SPEAG ☒ IDX
  - SAR Configuration ☒ Head ☐ Body ☐ Hand
- \* 15-cm z-plot SAR Measurement plot


  
Randy Ortanez  
President



Fig. A  
Head SAR Test Setup

## SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	43.4
Atmospheric PRESSURE (kPa)	101.0

### Measured Values:

Mixture Type:	Brain
Dielectric Constant:	40.4
Conductivity:	1.62
Liquid Depth:	15.0 cm

Closest Distance (between E-Probe & Phone): 1.9 cm

### Measurement Results (PCS Head SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
1908.75	1175	CDMA	24.0	Right Ear	OUT	1.3355
1908.75	1175	CDMA	24.0	Right Ear	OUT	1.3058*
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:

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  - All modes of operation were investigated and the worst-case are reported.
  - Power Measured ☒ Conducted ☐ EIRP ☐ ERP
  - SAR Measurement System ☐ SPEAG ☒ IDX
  - SAR Configuration ☒ Head ☐ Body ☐ Hand
- \* 15-cm z-plot SAR Measurement plot


  
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President



Fig. B  
Head SAR Test Setup

## SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	43.4
Atmospheric PRESSURE (kPa)	101.0

### Measured Values:

Mixture Type:	Muscle
Dielectric Constant:	56.1
Conductivity:	0.95
Liquid Depth:	15.0 cm

Closest Distance (between E-Probe & Phone): 1.9 cm

### Measurement Results (AMPS Body SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
836.49	383	AMPS	27.2	Abdomen	IN	1.2055
836.49	383	AMPS	27.2	Abdomen	IN	1.1891*
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:

- 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.
  - Power Measured ☒ Conducted ☐ EIRP ☐ ERP
  - SAR Measurement System ☐ SPEAG ☒ IDX
  - SAR Configuration ☐ Head ☒ Body ☐ Hand
- \* 15-cm z-plot SAR Measurement plot


  
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President



Fig. C  
Head SAR Test Setup

## SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	43.4
Atmospheric PRESSURE (kPa)	101.0

### Measured Values:

Mixture Type:	Muscle
Dielectric Constant:	54.2
Conductivity:	1.45
Liquid Depth:	15.0 cm

Closest Distance (between E-Probe & Phone): 1.9 cm

### Measurement Results (PCS Body SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
1908.75	1175	CDMA	24.0	Abdomen	OUT	0.3673
1908.75	1175	CDMA	24.0	Abdomen	OUT	0.3502*
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:

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  - All modes of operation were investigated and the worst-case are reported.
  - Power Measured ☒ Conducted ☐ EIRP ☐ ERP
  - SAR Measurement System ☐ SPEAG ☒ IDX
  - SAR Configuration ☐ Head ☒ Body ☐ Hand
- \* 15-cm z-plot SAR Measurement plot


  
Randy Ortanez  
President



Fig. D  
Head SAR Test Setup