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	Phantom	Antenna	SAR
MHz	Ch.		(dBm)	Position	Position	(W/kg)
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						
<b>Uncontrolled Exposure/General Population</b>						

## **Brain** 1.6 W/kg (mW/g)

averaged over 1 gram

### NOTES:

1.	The test data reported are the	worst-cas	se SAR value wi	th the ant	enna-head	l position	set in a
	typical configuration.						
2.	All modes of operation were i	nvestigat	ed and the wors	t-case are	reported.		
3.	Power Measured	X	Conducted		EIRP		ERP

SAR Measurement System 4.

Conducted SPEAG

EIRP

SAR Configuration

 $\boxtimes$ Head X IDX Body

Hand

\* 15-cm z-plot SAR Measurement plot

Randy Ortanez President



Fig. A **Head SAR Test Setup** 

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

#### Measured Values:

**Mixture Type: Brain** 40.4 **Dielectric Constant: 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	Phantom	Antenna	SAR
MHz	Ch.		(dBm)	Position	Position	(W/kg)		
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					
<b>Uncontrolled Exposure/General Population</b>					

## **Brain** 1.6 W/kg (mW/g)

averaged over 1 gram

### **NOTES:**

1.	The test data reported are the	worst-ca	se SAR value with	n the anter	nna-head	position:	set in a
	typical configuration.						
2.	All modes of operation were in	nvestigat	ted and the worst-	-case are r	eported.		
3.	Power Measured	X	Conducted		EIRP		ERP
4.	SAR Measurement System		SPEAG	X	IDX		

SAR Configuration \* 15-cm z-plot SAR Measurement plot  $\boxtimes$ Head 

Hand 





Body

Fig. B **Head SAR Test Setup** 

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

#### Measured Values:

Muscle **Mixture Type: 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		FREQUENCY Modu		Modulation	POWER	Phantom	Antenna	SAR	
MHz	Ch.		(dBm)	Position	Position	(W/kg)			
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					
<b>Uncontrolled Exposure/General Population</b>					

## Body 1.6 W/kg (mW/g)

averaged over 1 gram

### NOTES:

1.	The test data reported are the	worst-cas	se SAR value wi	ith the ant	enna-head	d position	set in a
	typical configuration.						
2.	All modes of operation were in	nvestigat	ed and the wors	st-case are	reported.		
3.	Power Measured	X	Conducted		EIRP		ERP

SAR Measurement System SPEAG 4.

X IDX ERP

SAR Configuration

□ Head

X Body

Hand

\* 15-cm z-plot SAR Measurement plot

Randy Ortanez President



Fig. C **Head SAR Test Setup** 

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

#### Measured Values:

Muscle **Mixture Type:** 54.2 **Dielectric Constant: 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	Phantom	Antenna	SAR	
MHz	Ch.		(dBm)	Position	Position	(W/kg)	
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				
<b>Uncontrolled Exposure/General Population</b>				

# **Brain** 1.6 W/kg (mW/g) averaged over 1 gram

### **NOTES:**

1.	The test data reported are t	he worst-ca	se SAR value wit	h the anter	nna-head	position	set in a
	typical configuration.						
2.	All modes of operation we	re investigat	ed and the worst	-case are r	eported.		
3.	Power Measured	X	Conducted		EIRP		ERP

3. Power Measured X Conducted 

4. SAR Measurement System SAR Configuration

SPEAG X IDX Head

X Body

Hand

\* 15-cm z-plot SAR Measurement plot

Randy Ortanez President



Fig. D **Head SAR Test Setup**