SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	20.3
Relative HUMIDITY (%)	53.1
Atmospheric PRESSURE (kPa)	101.3

Mixture Type: **Brain**

Dielectric Constant: **41.5**

Conductivity: **0.90**

Closest Distance (between E-Probe & Phone): 2.0 cm

Measurement Results (AMPS & CDMA Head SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
824.04	991	AMPS	27.2	Right Ear	IN	0.5060
824.04	991	AMPS	27.2	Right Ear	OUT	1.0688
836.49	383	AMPS	27.2	Right Ear	IN	0.4949
836.49	383	AMPS	27.2	Right Ear	OUT	0.8887
848.97	799	AMPS	27.2	Right Ear	IN	0.4548
848.97	799	AMPS	27.2	Right Ear	OUT	0.6955
824.70	1013	CDMA	25.4	Right Ear	IN	0.4125
824.70	1013	CDMA	25.4	Right Ear	OUT	0.4949

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:

1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
2. All modes of operation were investigated and the worst-case are reported.
3. Power Measured ☒ Conducted ☐ EIRP ☐ ERP
4. SAR Measurement System ☐ SPEAG ☒ IDX
5. SAR Configuration ☒ Head ☐ Body ☐ Hand

Randy Ortanez
President

Fig. A
Head SAR Test Setup

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	19.3
Relative HUMIDITY (%)	43.1
Atmospheric PRESSURE (kPa)	100.0

Mixture Type: **Brain**

Dielectric Constant: **40.4**

Conductivity: **1.62**

Closest Distance (between E-Probe & Phone): 2.0 cm

Measurement Results (PCS Head SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
1851.25	25	CDMA	24.8	Right Ear	IN	0.5461
1851.25	25	CDMA	24.8	Right Ear	OUT	0.9639
1880.00	600	CDMA	24.8	Right Ear	IN	0.5473
1880.00	600	CDMA	24.8	Right Ear	OUT	0.8974
1908.75	1175	CDMA	24.8	Right Ear	IN	0.6213
1908.75	1175	CDMA	24.8	Right Ear	OUT	0.8004

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:

1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
2. All modes of operation were investigated and the worst-case are reported.
3. Power Measured ☒ Conducted ☐ EIRP ☐ ERP
4. SAR Measurement System ☐ SPEAG ☒ IDX
5. SAR Configuration ☒ Head ☐ Body ☐ Hand

Randy Ortanez
President

Fig. B
Head SAR Test Setup

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	20.0
Relative HUMIDITY (%)	53.1
Atmospheric PRESSURE (kPa)	101.0

Mixture Type: **Brain**

Dielectric Constant: **41.5**

Conductivity: **0.90**

Closest Distance (between E-Probe & Phone): 1.5 cm

Measurement Results (AMPS & CDMA Head SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
824.04	991	AMPS	27.2	Left Ear/Tilt	OUT	0.6777

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:

1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
2. All modes of operation were investigated and the worst-case are reported.
3. Power Measured ☒ Conducted ☐ EIRP ☐ ERP
4. SAR Measurement System ☐ SPEAG ☒ IDX
5. SAR Configuration ☒ Head ☐ Body ☐ Hand

Randy Ortanez
President

Fig. C
Head SAR Test Setup

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	20.0
Relative HUMIDITY (%)	53.1
Atmospheric PRESSURE (kPa)	101.0

Mixture Type: **Brain**

Dielectric Constant: **40.4**

Conductivity: **1.62**

Closest Distance (between E-Probe & Phone): 1.5 cm

Measurement Results (PCS Head SAR)

FREQUENCY		Modulation	POWER (dBm)	Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.					
1851.25	25	CDMA	24.8	Left Ear/Tilt	OUT	0.9043

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:

1. The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration.
2. All modes of operation were investigated and the worst-case are reported.
3. Power Measured ☒ Conducted ☐ EIRP ☐ ERP
4. SAR Measurement System ☐ SPEAG ☒ IDX
5. SAR Configuration ☒ Head ☐ Body ☐ Hand

Randy Ortanez
President

Fig. D
Head SAR Test Setup