

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	49.2
Atmospheric PRESSURE (kPa)	101.0

Measured Values:

Mixture Type:	Brain
Liquid Temperature (°C):	20.0
Dielectric Constant:	41.5
Conductivity (S/m):	0.90
Liquid Depth (cm):	15.0

Closest Distance (between E-Probe & Phone): 1.4 cm

Measurement Results (AMPS Head SAR)

FREQUENCY		Modulation	POWER (dBm)		Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.		Start	End			
824.04	991	AMPS	26.5	26.5	Left Ear	IN	1.4154
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


Randy Ortañez
President

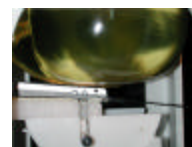


Fig. A
Head SAR Test Setup

SAMSUNG FCC ID: A3LSCH1300 (Model: SCH-I300)
Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	49.2
Atmospheric PRESSURE (kPa)	101.0

Measured Values:

Mixture Type:	Brain
Liquid Temperature (°C):	20.2
Dielectric Constant:	39.9
Conductivity (S/m):	1.42
Liquid Depth (cm):	15.0

Closest Distance (between E-Probe & Phone): 1.4 cm

Measurement Results (PCS Head SAR)

FREQUENCY		Modulation	POWER (dBm)		Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.		Start	End			
1851.25	25	CDMA	23.0	23.0	Left Ear	IN	1.4041
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


Randy Ortañez
President

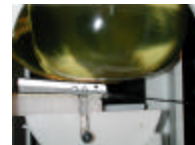


Fig. B
Head SAR Test Setup

SAMSUNG FCC ID: A3LSCH1300 (Model: SCH-I300)
Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	49.2
Atmospheric PRESSURE (kPa)	101.0

Measured Values:

Mixture Type:	Muscle
Liquid Temperature (°C):	20.0
Dielectric Constant:	56.1
Conductivity (S/m):	0.95
Liquid Depth (cm):	15.0

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

Measurement Results (AMPS Body SAR)

FREQUENCY		Modulation	POWER (dBm)		Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.		Start	End			
824.04	991	AMPS	26.5	26.5	Flat	IN	1.4154
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


Randy Ortaez
President

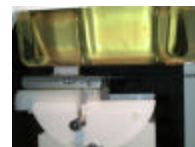


Fig. C
Body SAR Test Setup

SAMSUNG FCC ID: A3LSCH1300 (Model: SCH-I300)
Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)

SAR TEST DATA SUMMARY

Ambient TEMPERATURE (°C)	21.0
Relative HUMIDITY (%)	49.2
Atmospheric PRESSURE (kPa)	101.0

Measured Values:

Mixture Type:	Muscle
Liquid Temperature (°C):	20.0
Dielectric Constant:	54.2
Conductivity (S/m):	1.45
Liquid Depth (cm):	15.0

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

Measurement Results (PCS Body SAR)

FREQUENCY		Modulation	POWER (dBm)		Phantom Position	Antenna Position	SAR (W/kg)
MHz	Ch.		Start	End			
1851.25	25	CDMA	23.0	23.0	Flat	IN	0.4751
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:

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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


Randy Ortaez
President

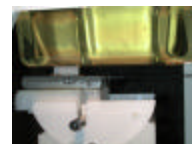


Fig. D
Body SAR Test Setup

SAMSUNG FCC ID: A3LSCH1300 (Model: SCH-I300)
Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)