	SAR MEASUREMENT REPORT
	Project name :
	KS070924A01

Test date:10/26/2007

I. RESULTS

	TYPE	PARAMETERS
GSM850	Noise	--
	Validation	--
	Phone	--
GSM900	Noise	--
	Validation	--
	Phone	--
GSM1800	Noise	--
	Validation	--
	Phone	--
GSM1900	Noise	--
	Validation	Measurement 1: Validation Plane with Dipole device position on Middle Channel in CW mode
	Phone	--
IMT2000	Noise	--
	Validation	--
	Phone	--

CUSTOM	<u>Noise</u>	--
	<u>Validation</u>	--
	<u>Phone</u>	--

Ambient temperature:19C

Liquid Temperature:20C

MEASUREMENT 1

KS070924A01 1900 BODY VALIDATION

Type: Validation measurement (Complete)

Date of measurement: 26/10/2007

Measurement duration: 6 minutes 43 seconds

Mobile Phone IMEI number: --

A. Experimental conditions.

| Phantom File	surf_sam_plan.txt, Adaptative 2 max
Phantom	Validation plane
Device Position	Dipole
Band	GSM1900
Channels	Middle
Signal	CW

B. Instrumentations.

PC	HP (Pentium(R) V 3.06GHz375052-AA1, SN:375052-AA1)
Network Emulator	Agilent (E5071B, SN:B23-03291)
Voltmeter	Keithley (2000, SN:1015843)
Synthetizer	Agilent (E8257C, SN:MY43321570)
Amplifier	Mini-Circuits (ZHL-42, SN:110405)
Power Meter	Agilent (E4416A, SN:QB41292714)
Probe	Antennessa (SN:SN_0807_EP_74)
Phantom	Antennessa (SN:SN41_05_SAM29)
Liquid	Antennessa (Last Calibration:02/2006)

C. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permitivity (real part)	52.084968
Relative permitivity (imaginary part)	13.671000
Conductivity (S/m)	1.431120
Variation (%)	-0.500000

SURFACE SAR	VOLUME SAR
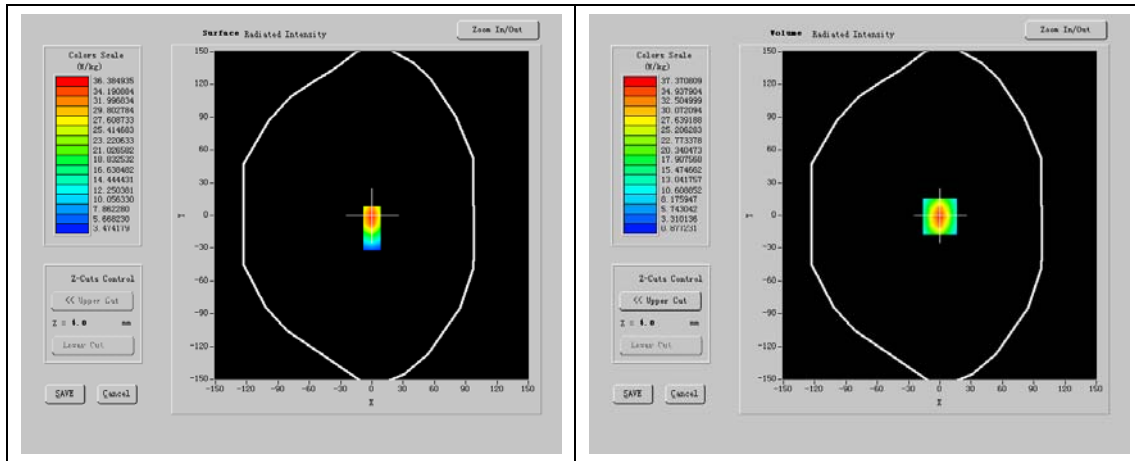
Maximum location: X=0.00, Y=-1.00

SAR 10g (W/Kg)	18.692125
SAR 1g (W/Kg)	38.393655

Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = −1)