
	SAR MEASUREMENT REPORT
	Project name :
	KS071012A02
	FCCID: VFM-NSZMNS9000

I. RESULTS

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

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

MEASUREMENT 1

Ambient temperature:20c

Liquid temperature:21c

Dipole input power:30dBm

Type: Validation measurement (Complete)

Date of measurement: 12/10/2007

Measurement duration: 6 minutes 43 seconds

Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. Instrumentations.

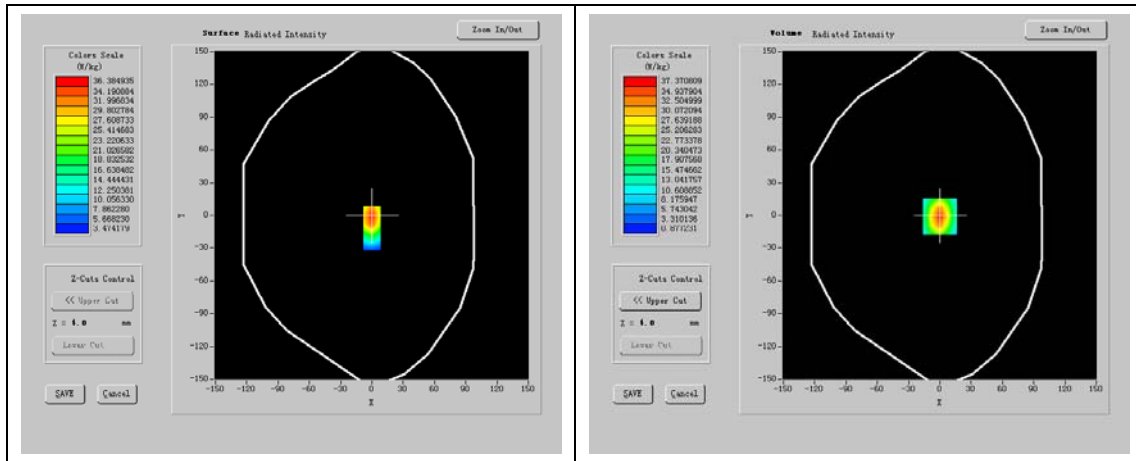
PC	HP (Pentium(R) V 3.06GHz375052-AA1, SN:375052-AA1)
Network Emulator	Agilent (E5071B, SN:B23-03291)
Voltmeter	Keithley (2000, SN:1015843)
Synthesizer	Agilent (E8257C, SN:MY43321570)
Amplifier	Mini-Circuits (ZHL-42, SN:110405)
Power Meter	Agilent (E4416A, SN:QB41292714)
Probe	Antennessa (SN:SN_0807_EP_74)
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 permittivity (real part)	52.143660
Relative permittivity (imaginary part)	13.691050
Conductivity (S/m)	1.4431460
Variation (%)	-0.450000

SURFACE SAR	VOLUME SAR
--------------------	-------------------



Maximum location: X=0.00, Y=-1.00

SAR 10g (W/Kg)	18.734159
SAR 1g (W/Kg)	38.413765

Z Axis Scan

