



I. 850MHz Band RESULTS

<u>TYPE</u>	<u>PARAMETERS</u>
<u>Phone</u>	<u>Measurement 1</u> : Face Down toward phantom 5mm, Low Channel in GSM850 mode <u>Measurement 2</u> : Face up toward phantom 5mm, Low Channel in GSM850 mode <u>Measurement 3</u> : Face Down toward phantom 5mm, Low Channel in GPRS850 mode <u>Measurement 4</u> : Face up toward phantom 5mm, Low Channel in GPRS850 mode <u>Measurement 5</u> : Left edge toward phantom 5mm, Low Channel in GSM850 mode <u>Measurement 6</u> : Right edge toward phantom 5mm, Low Channel in GSM850 mode <u>Measurement 7</u> : Left edge toward phantom 5mm, Low Channel in GPRS850 mode <u>Measurement 8</u> : Right edge toward phantom 5mm, Low Channel in GPRS850 mode <u>Measurement 9</u> : Rear edge toward phantom 5mm, Low Channel in GSM850 mode <u>Measurement 10</u> : Tip edge toward phantom 5mm, Low Channel in GSM850 mode <u>Measurement 11</u> : Rear edge toward phantom 5mm, Low Channel in GPRS850 mode <u>Measurement 12</u> : Tip edge toward phantom 5mm, Low Channel in GPRS850 mode

**MEASUREMENT 1****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Face Down toward phantom
<b>Band</b>	GSM850
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

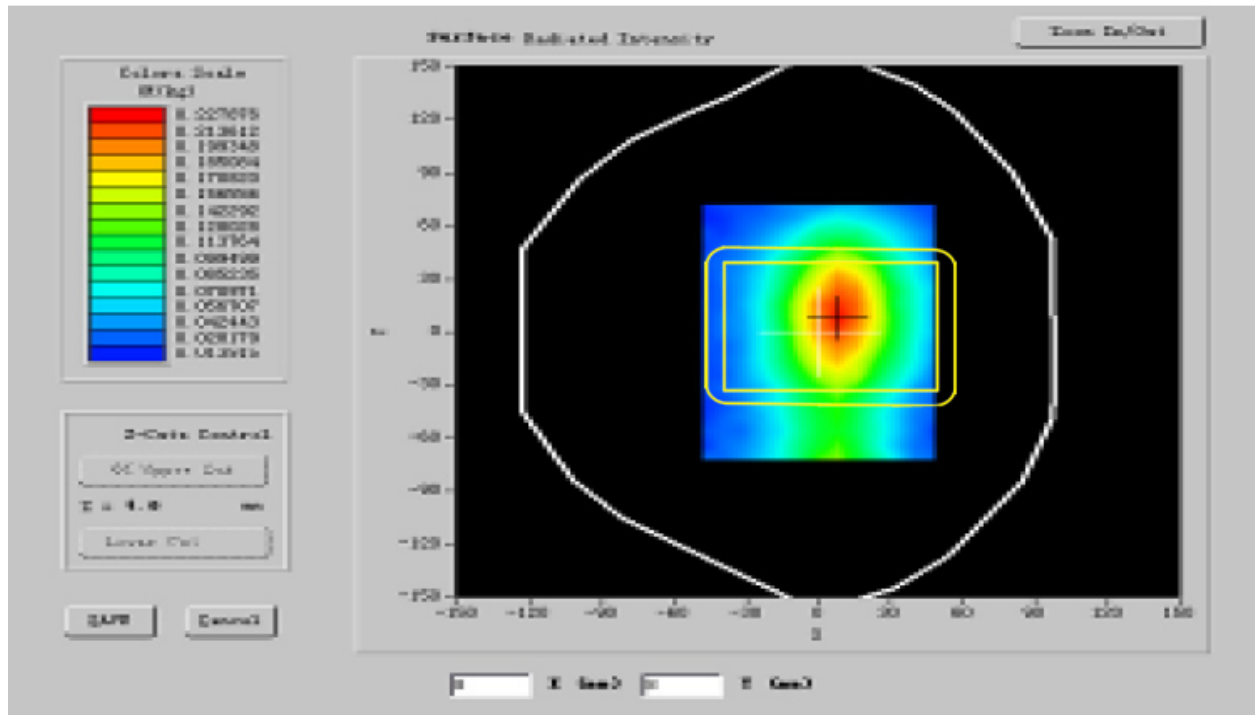
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>52.374000</b>
<b>Relative permittivity (imaginary part)</b>	<b>22.134150</b>
<b>Conductivity (S/m)</b>	<b>0.934519</b>
<b>Variation (%)</b>	<b>-2.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>

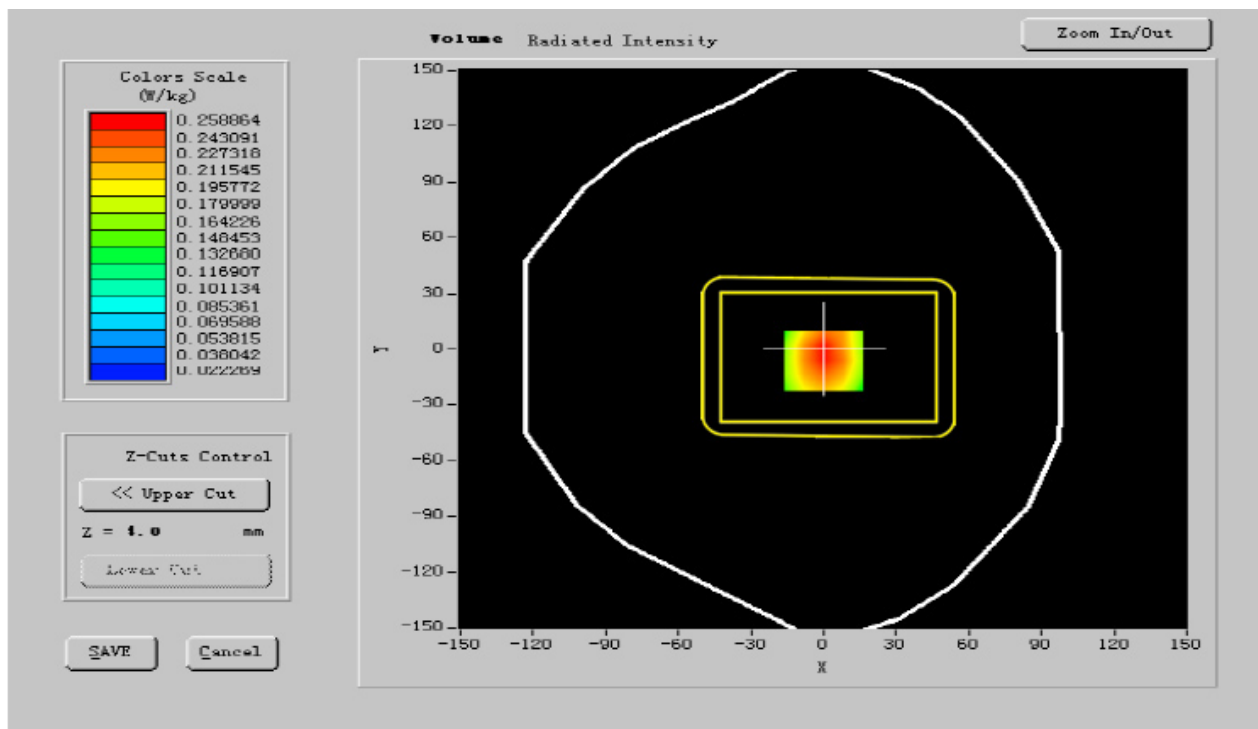


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8

## SURFACE SAR



## VOLUME SAR

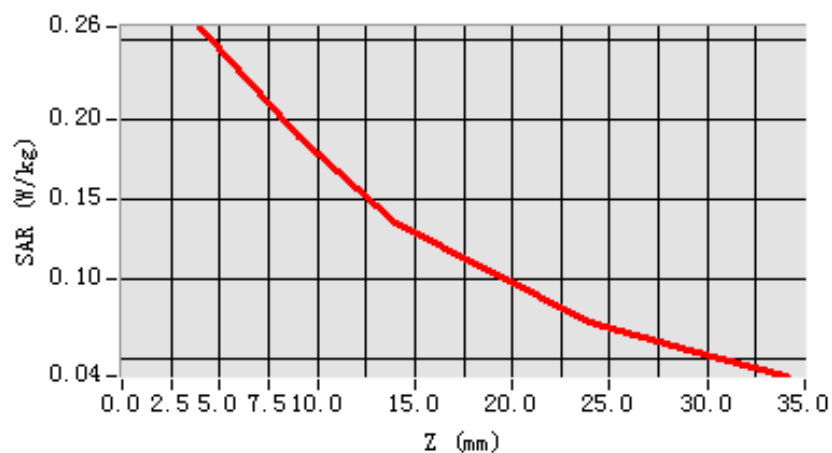


**Maximum location: X=-13.00, Y=-3.00**

SAR 10g (W/Kg)	0.632147
SAR 1g (W/Kg)	0.332147

**Z Axis Scan**

**SAR, Z Axis Scan (X = 0, Y = -6)**



**MEASUREMENT 2****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Face Up toward phantom
<b>Band</b>	GSM850
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

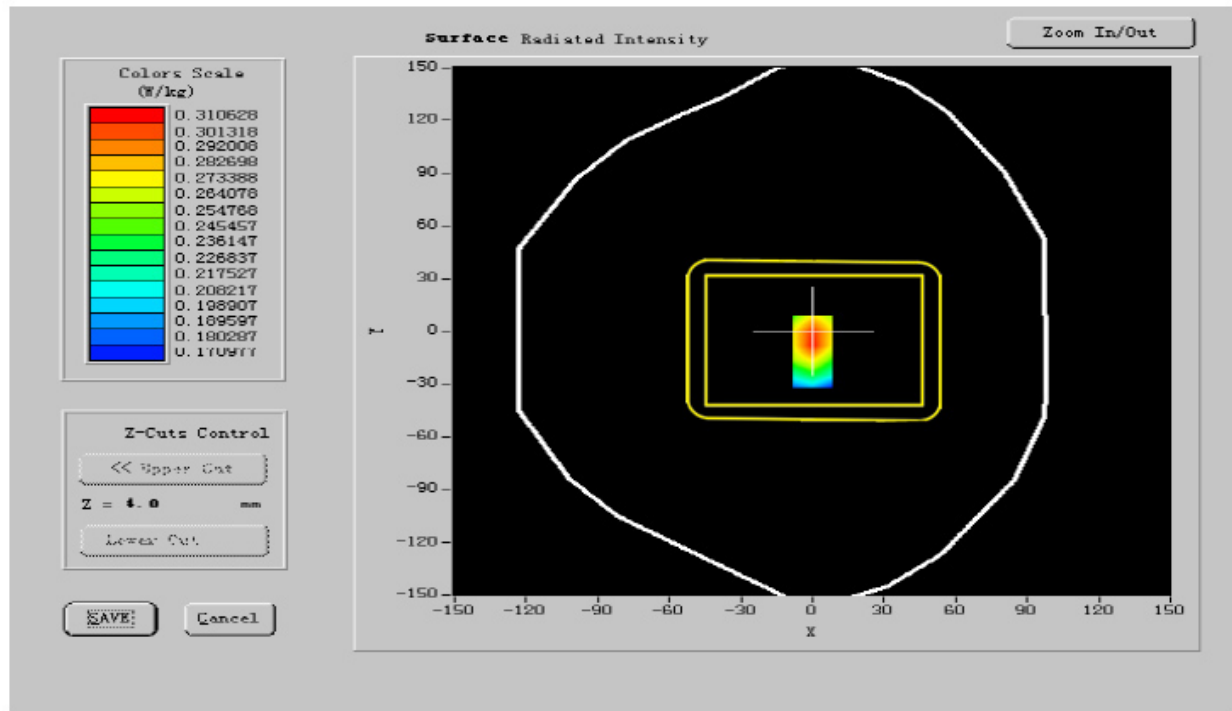
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>56.501935</b>
<b>Relative permittivity (imaginary part)</b>	<b>21.866249</b>
<b>Conductivity (S/m)</b>	<b>0.986052</b>
<b>Variation (%)</b>	<b>-2.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>

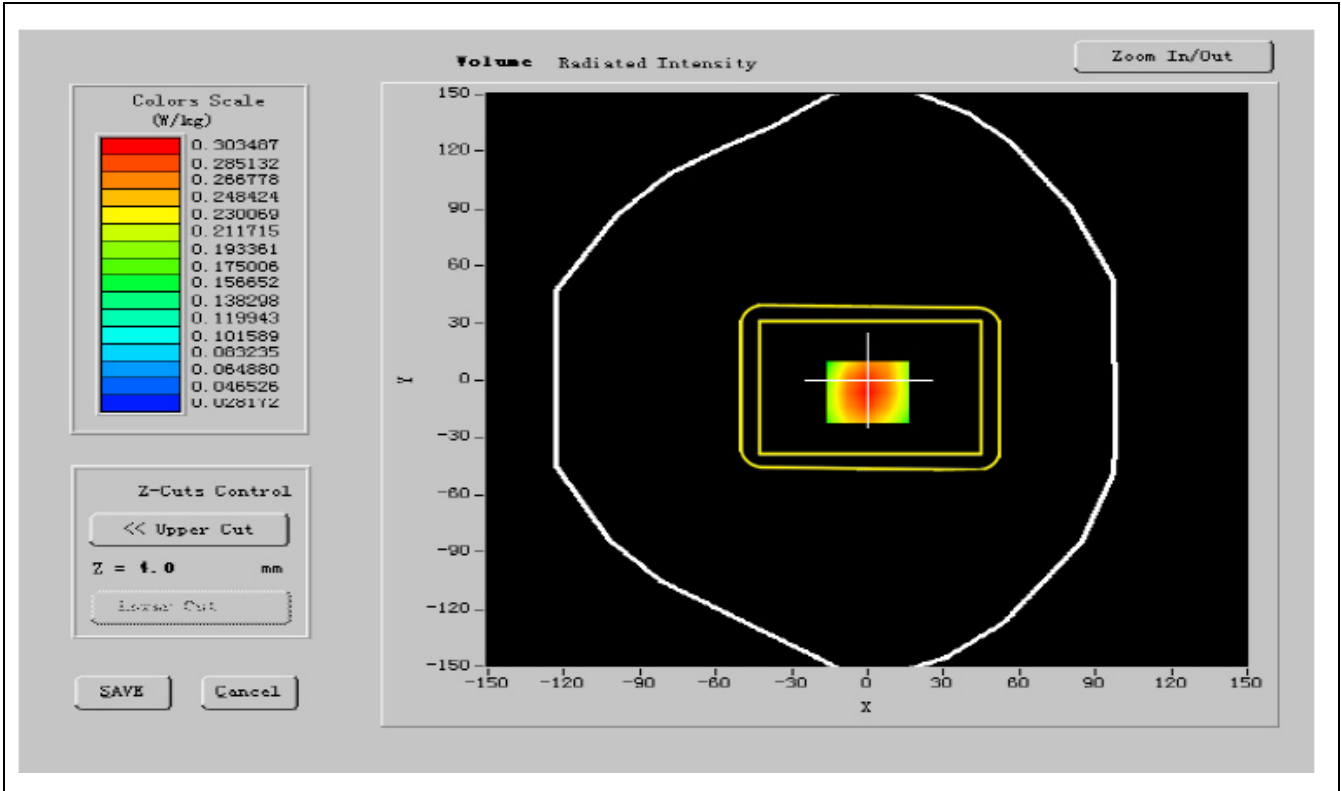


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8

## SURFACE SAR



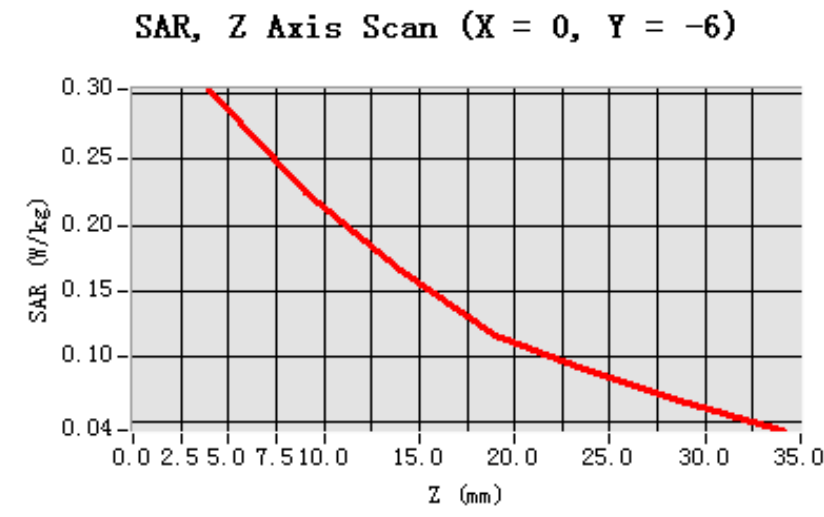
## VOLUME SAR



Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.462115
SAR 1g (W/Kg)	0.290243

### Z Axis Scan



**MEASUREMENT 3****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Face Down toward phantom
<b>Band</b>	GPRS850
<b>Channels</b>	Low
<b>Signal</b>	GPRS

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

**C. SAR Measurement Results**

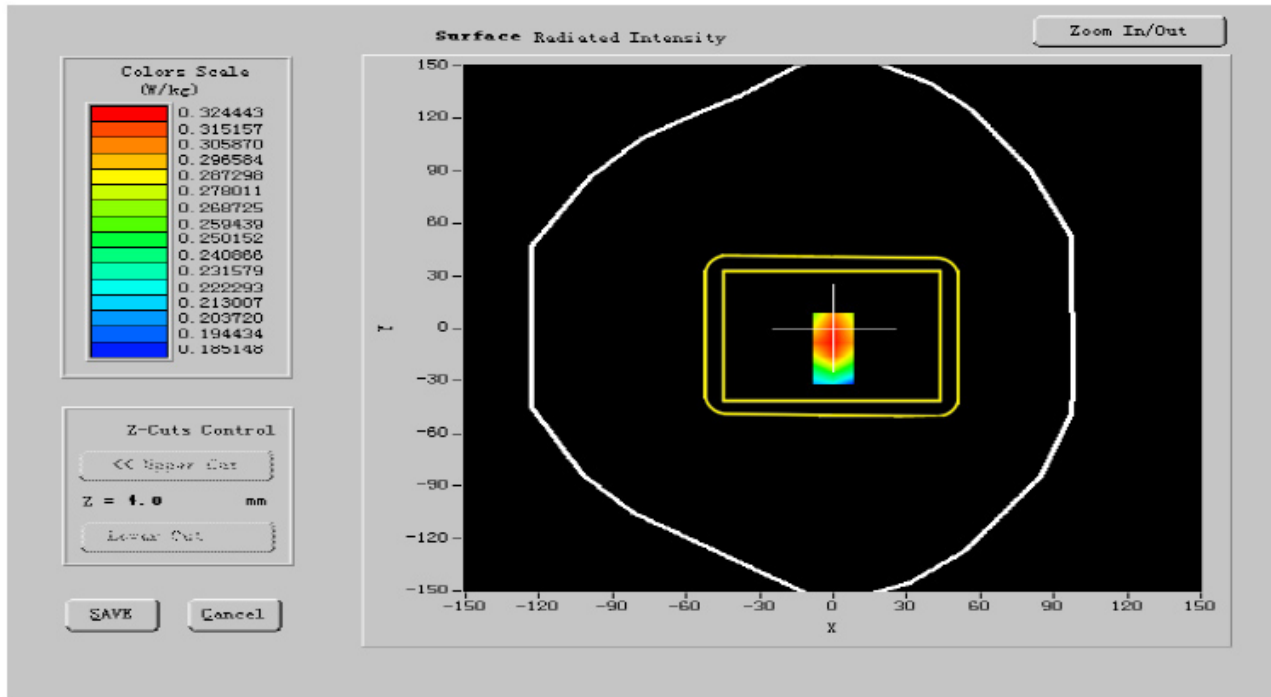
<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>56.508121</b>
<b>Relative permittivity (imaginary part)</b>	<b>21.726601</b>
<b>Conductivity (S/m)</b>	<b>0.983288</b>
<b>Variation (%)</b>	<b>-1.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>



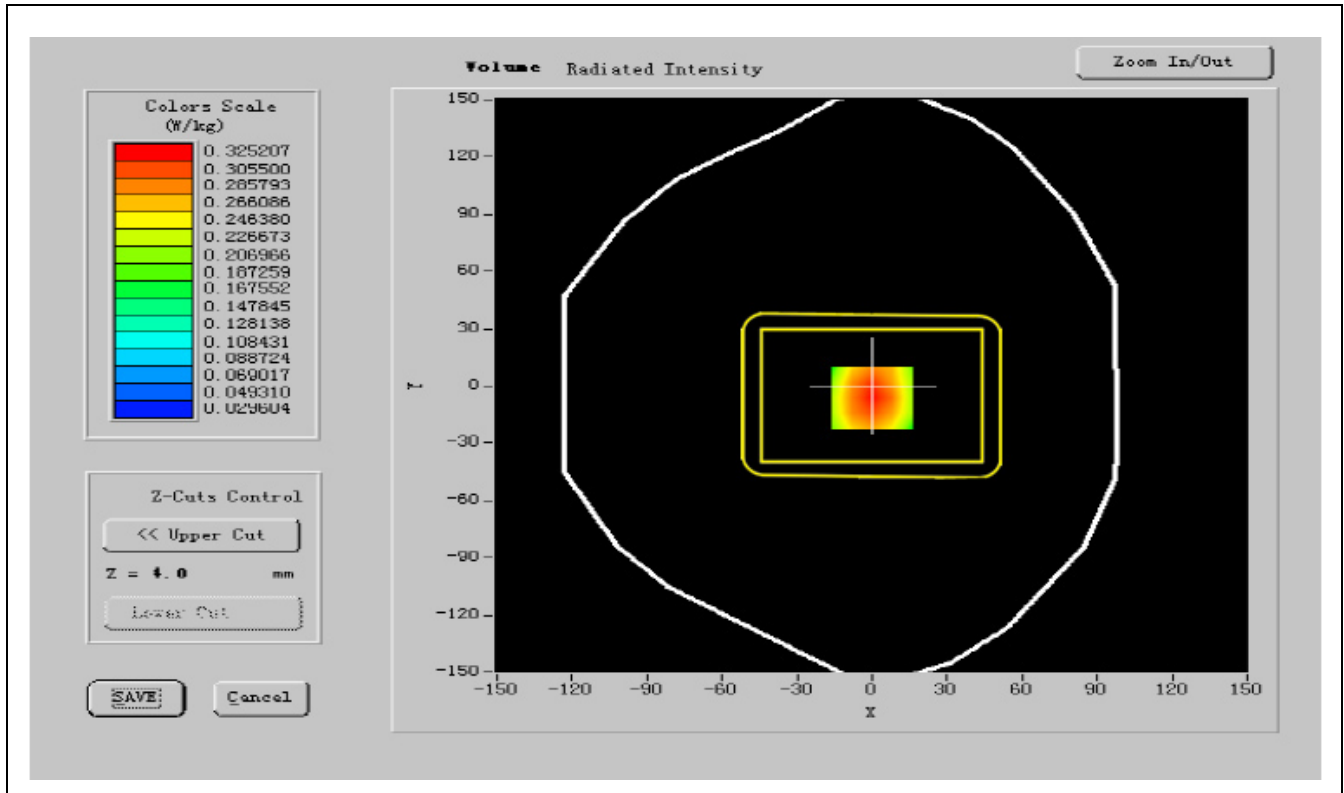


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8

## SURFACE SAR



## VOLUME SAR

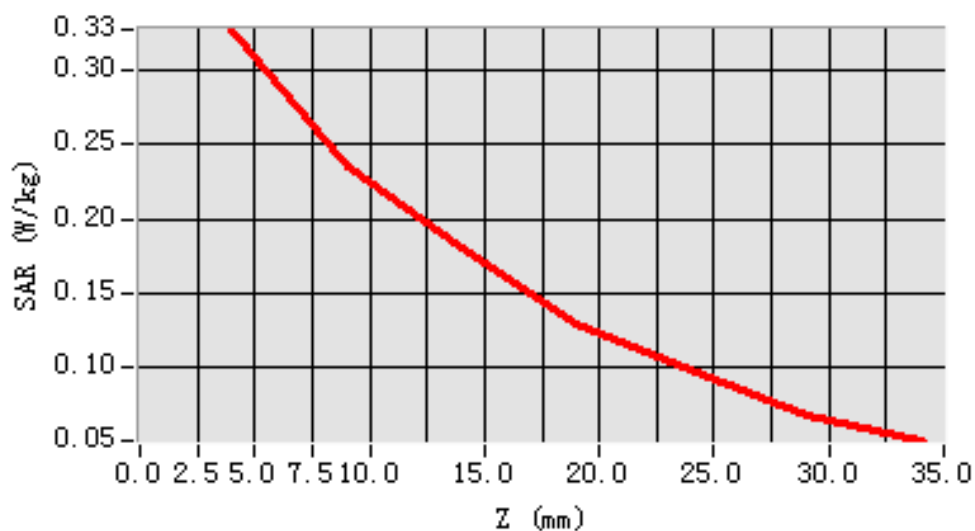


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.492116
SAR 1g (W/Kg)	0.270246

Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -6)



**MEASUREMENT 4****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Face Up toward phantom
<b>Band</b>	GPRS850
<b>Channels</b>	Low
<b>Signal</b>	GPRS

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

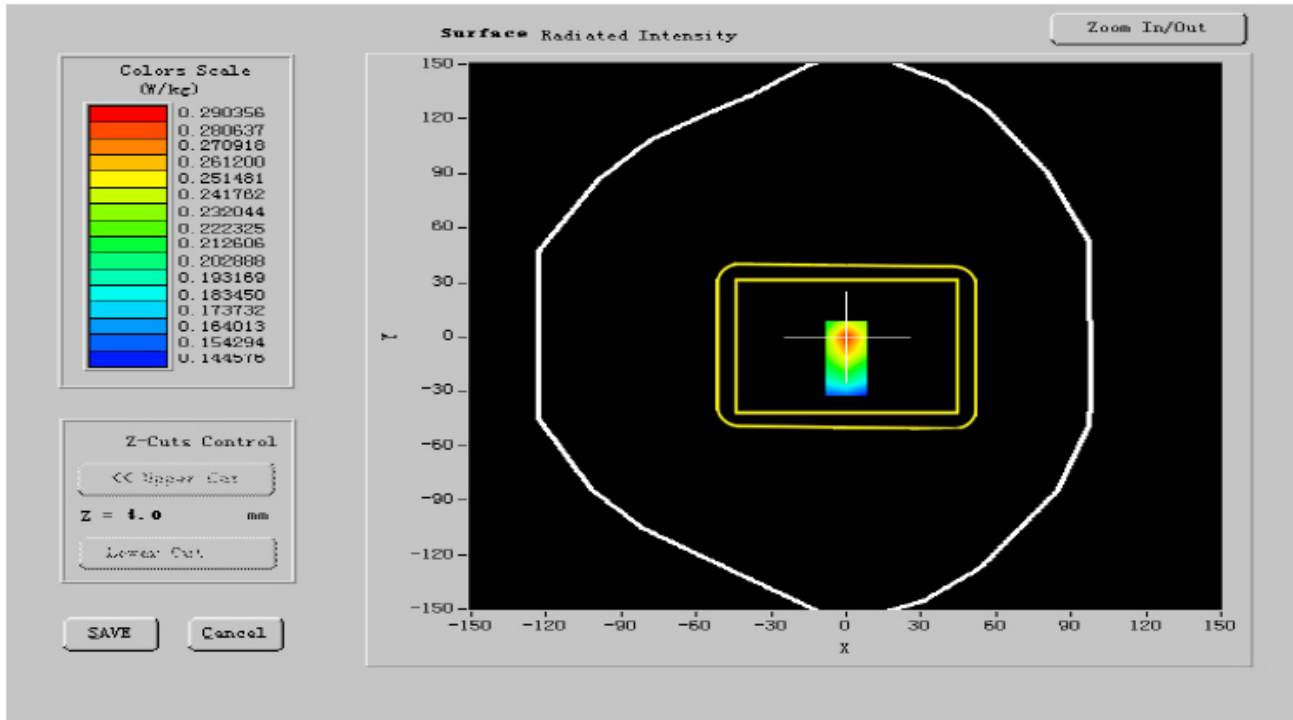
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>56.584000</b>
<b>Relative permittivity (imaginary part)</b>	<b>21.654150</b>
<b>Conductivity (S/m)</b>	<b>0.971519</b>
<b>Variation (%)</b>	<b>-1.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>

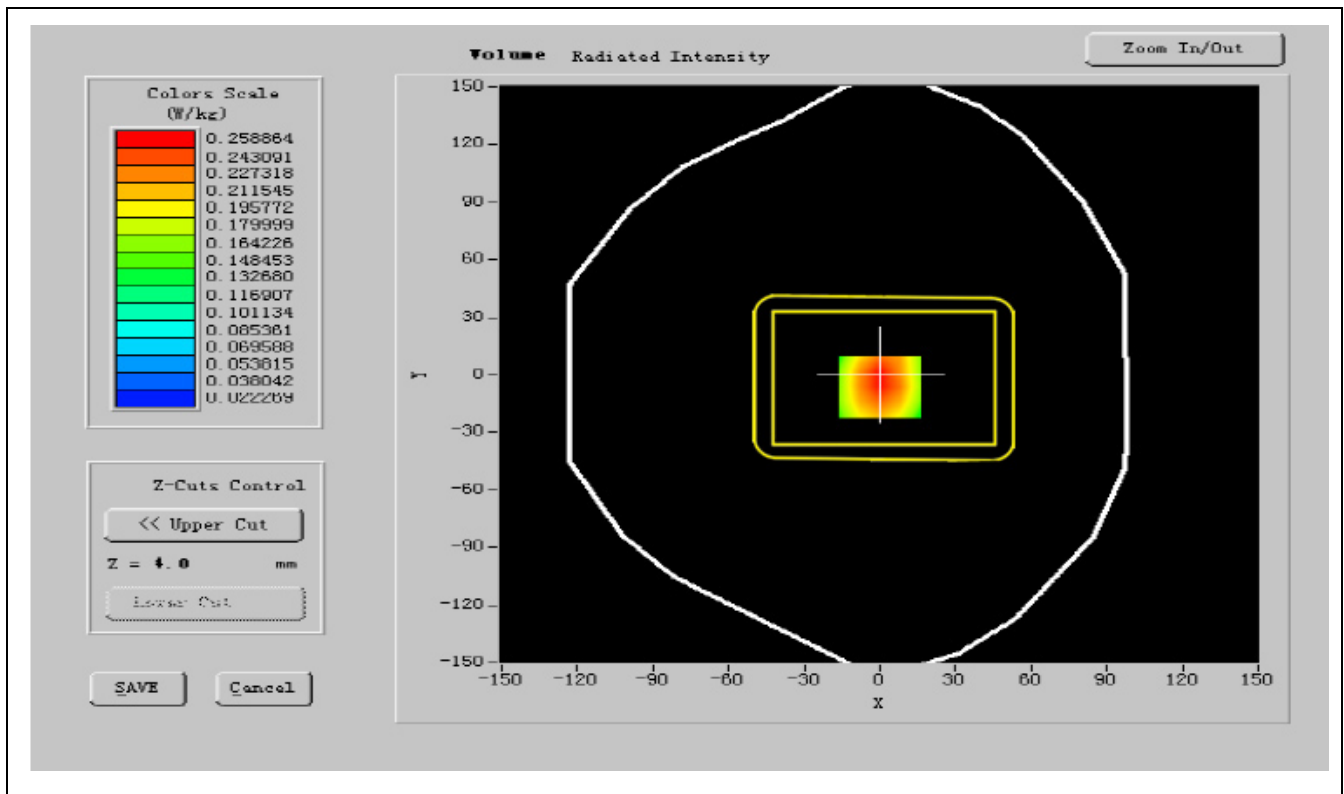


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2

## SURFACE SAR



## VOLUME SAR

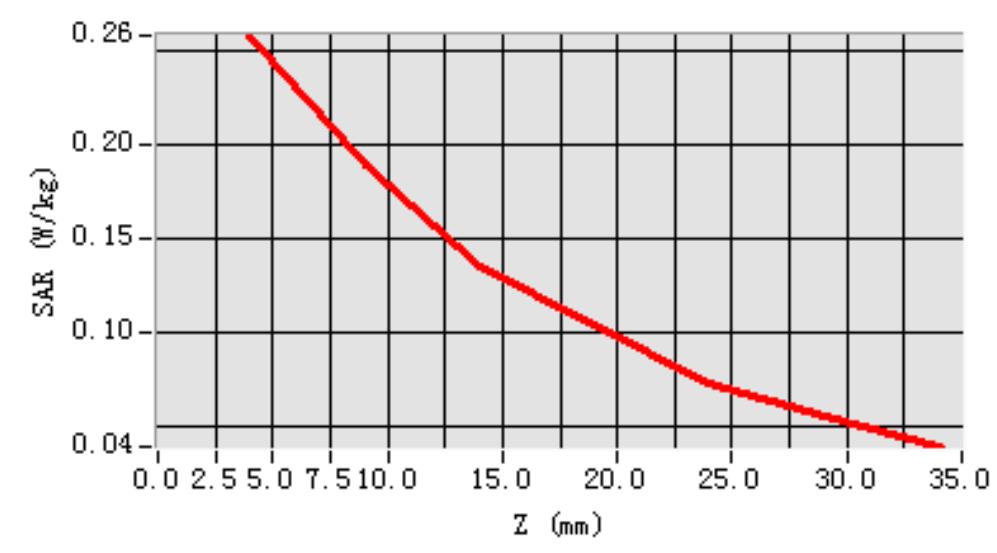


**Maximum location: X=-13.00, Y=-3.00**

SAR 10g (W/Kg)	0.451478
SAR 1g (W/Kg)	0.262147

**Z Axis Scan**

**SAR, Z Axis Scan (X = 0, Y = -6)**



**MEASUREMENT 5****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Left edge toward phantom
<b>Band</b>	GSM850
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

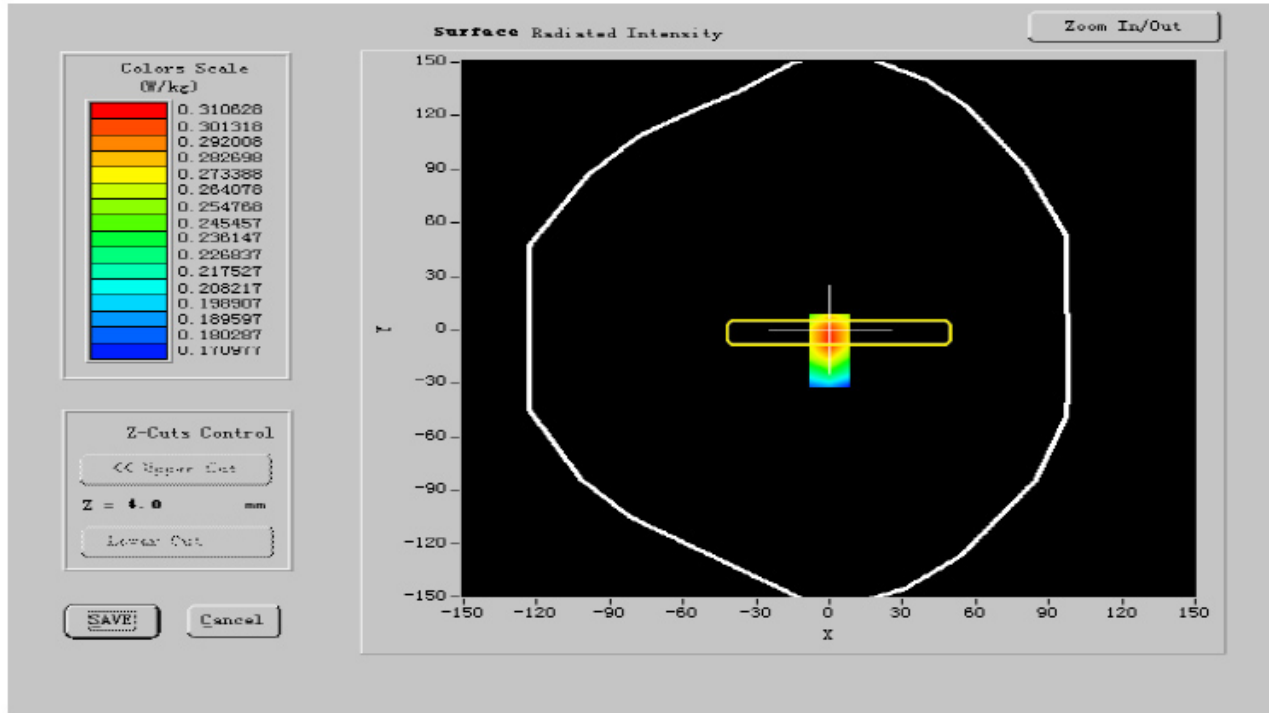
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>54.621942</b>
<b>Relative permittivity (imaginary part)</b>	<b>20.236242</b>
<b>Conductivity (S/m)</b>	<b>0.906342</b>
<b>Variation (%)</b>	<b>-0.200000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>

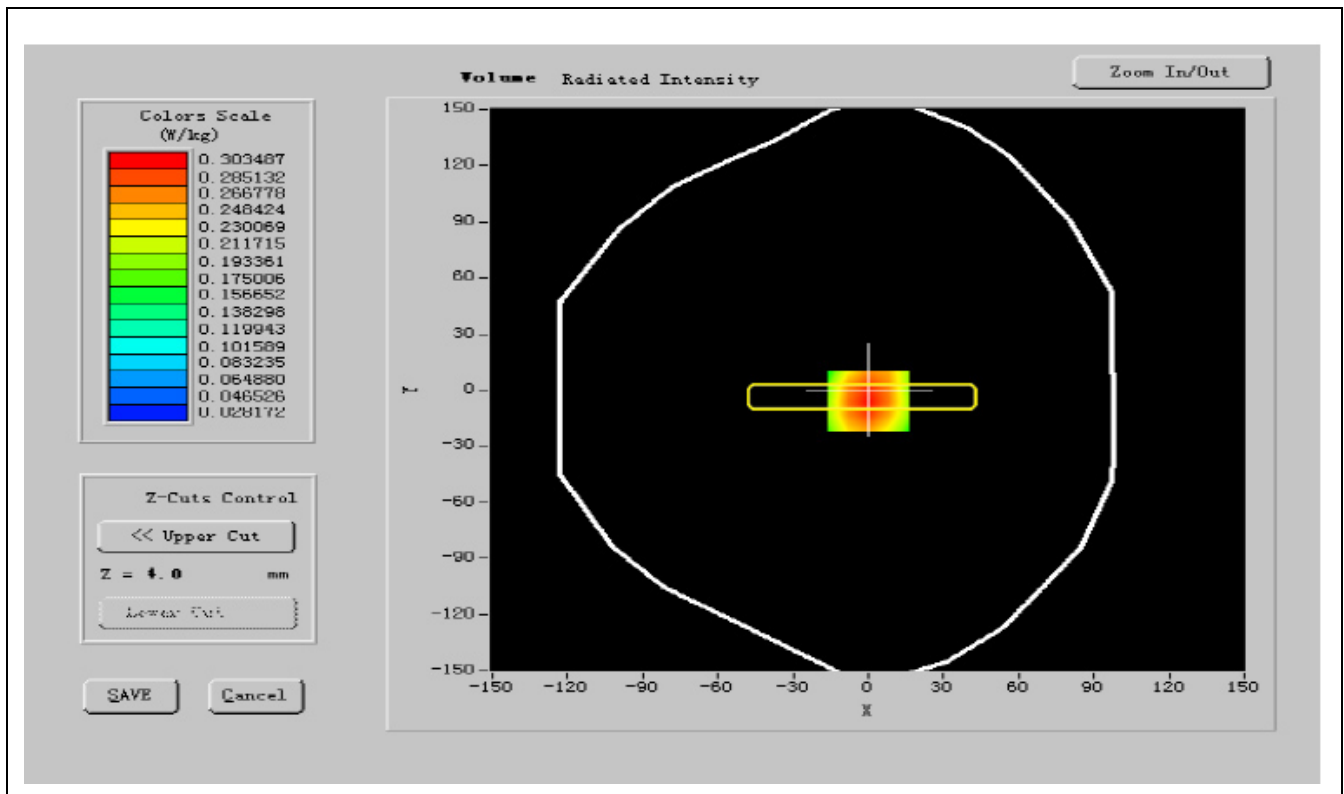


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2

## SURFACE SAR



## VOLUME SAR

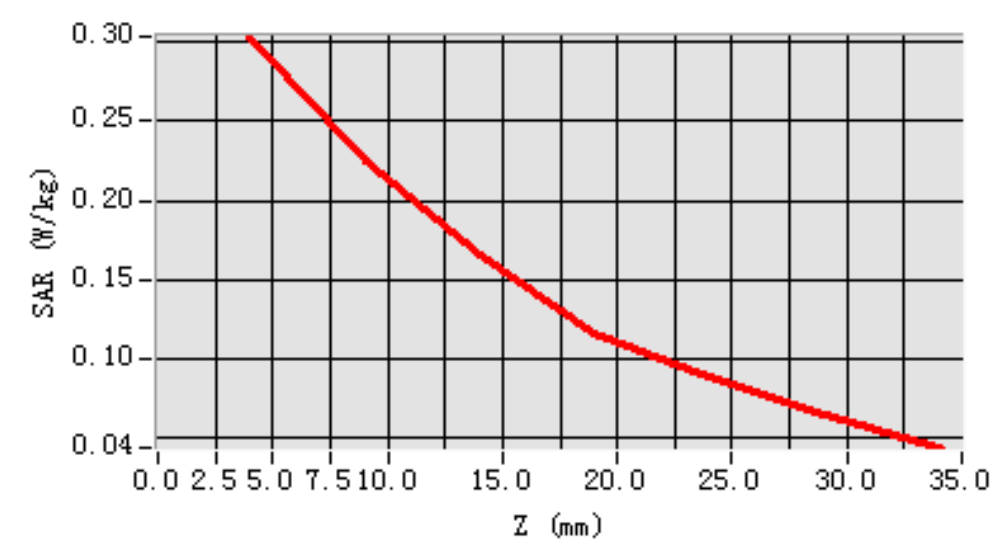


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.542147
SAR 1g (W/Kg)	0.303144

### Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -6)





**MEASUREMENT 6****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Right edge toward phantom
<b>Band</b>	GSM850
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

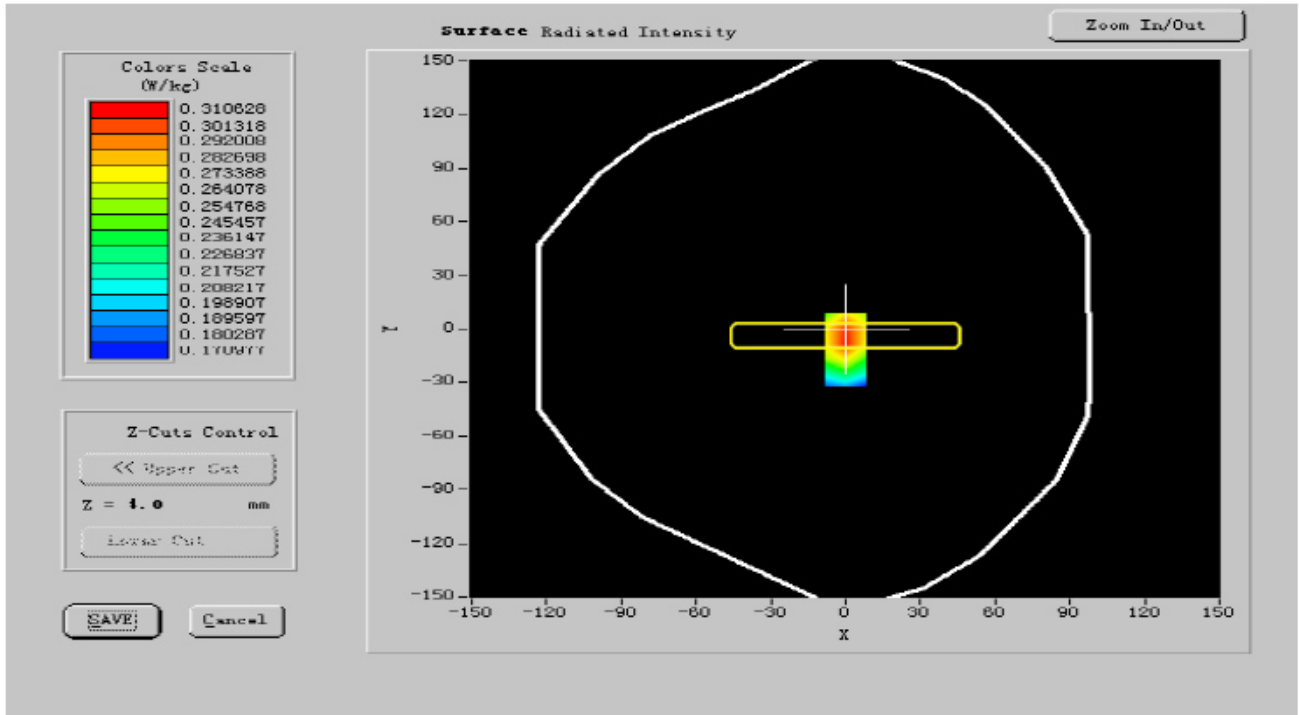
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>52.126000</b>
<b>Relative permittivity (imaginary part)</b>	<b>22.346601</b>
<b>Conductivity (S/m)</b>	<b>0.930254</b>
<b>Variation (%)</b>	<b>-0.220000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>

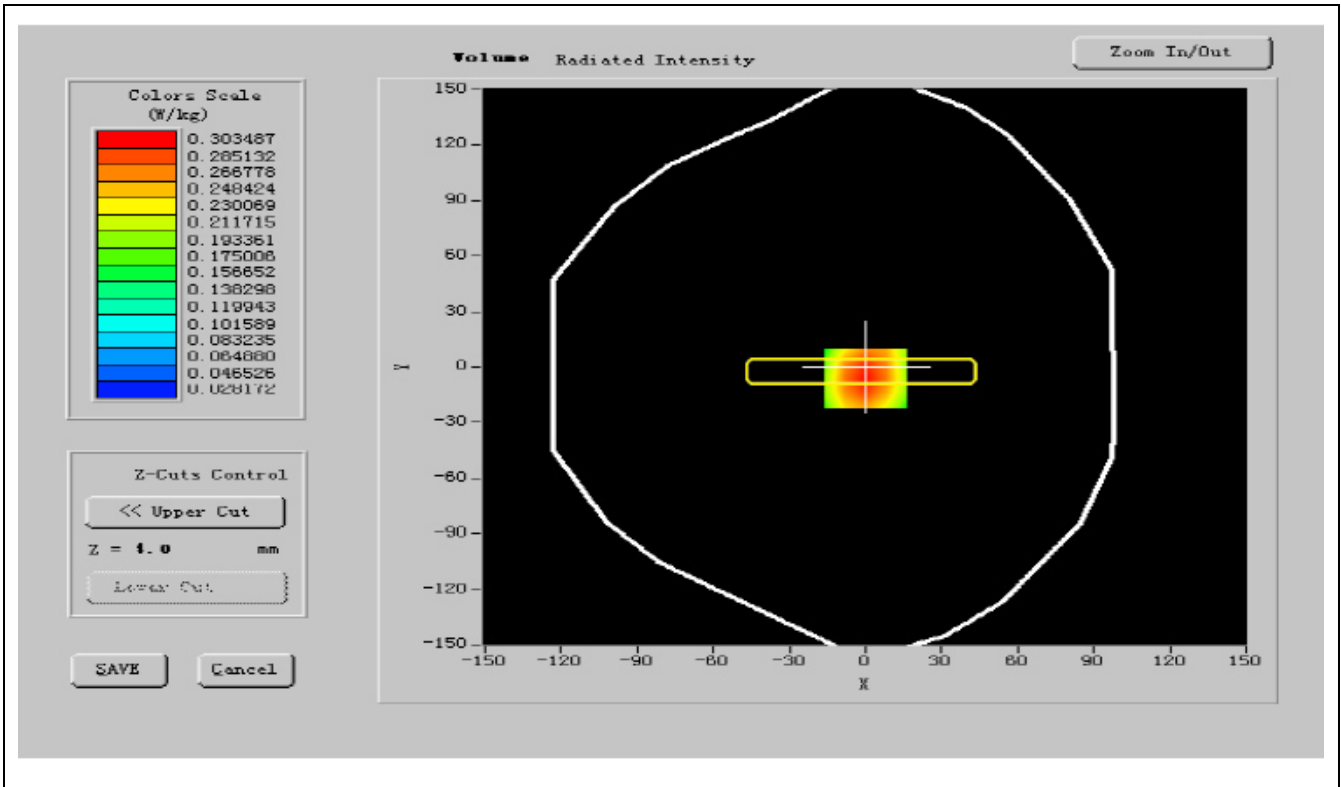


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2

## SURFACE SAR



## VOLUME SAR

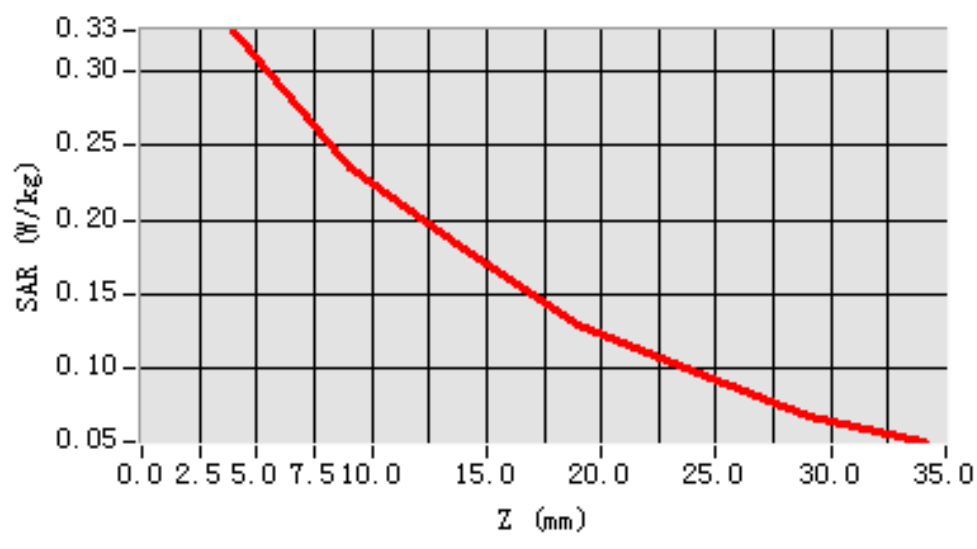


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.487286
SAR 1g (W/Kg)	0.260465

Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -6)



**MEASUREMENT 7****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Left edge toward phantom
<b>Band</b>	GPRS850
<b>Channels</b>	Low
<b>Signal</b>	GPRS

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

**C. SAR Measurement Results**

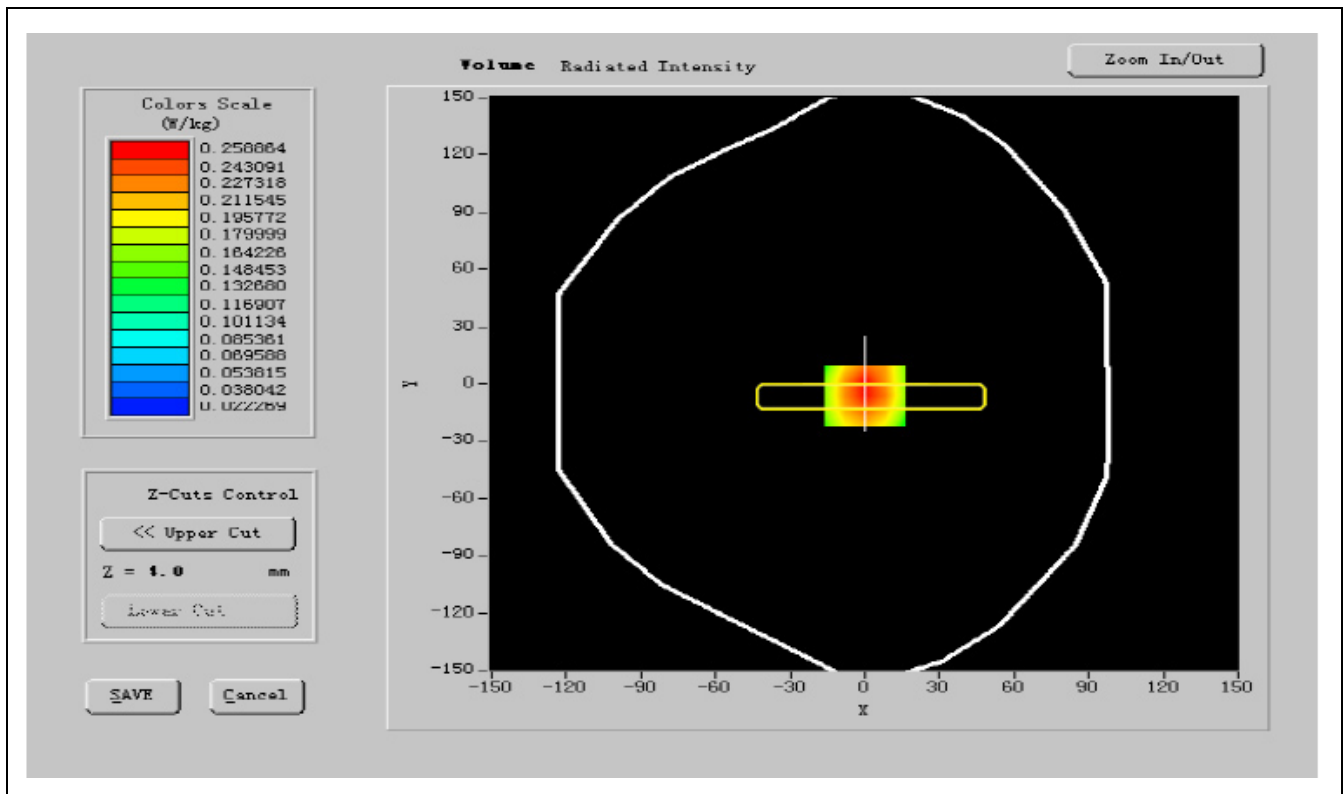
<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>53.210000</b>
<b>Relative permittivity (imaginary part)</b>	<b>20.254150</b>
<b>Conductivity (S/m)</b>	<b>0.964415</b>
<b>Variation (%)</b>	<b>-2.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>



<b>Liquid Temperature:</b>	<b>20.3°C</b>
<b>ConvF:</b>	<b>20.00, 19.88, 27.77</b>
<b>Crest factor:</b>	<b>1:8</b>

**SURFACE SAR**

**VOLUME SAR**

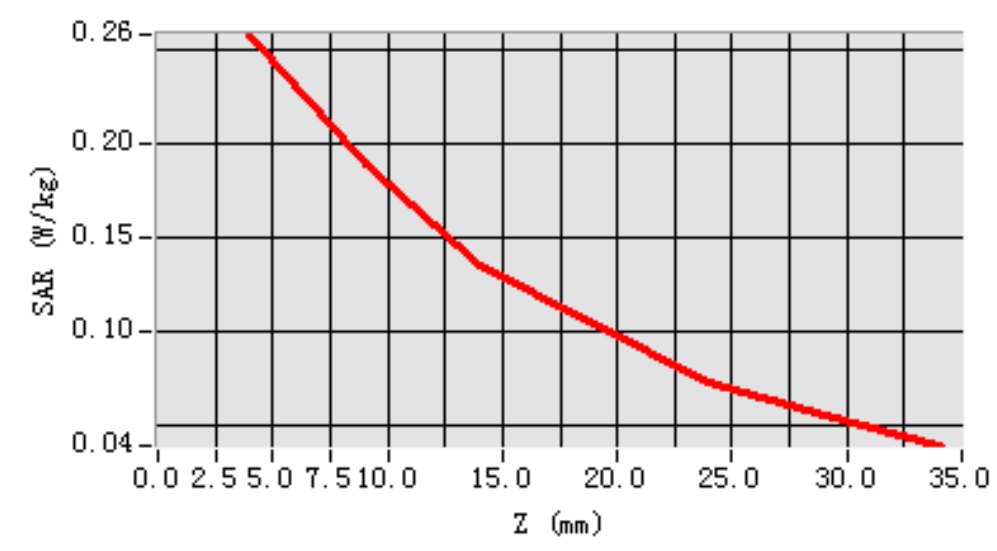


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.431216
SAR 1g (W/Kg)	0.252641

### Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -6)



**MEASUREMENT 8****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Right edge toward phantom
<b>Band</b>	GPRS850
<b>Channels</b>	Low
<b>Signal</b>	GPRS

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>52.401932</b>
<b>Relative permittivity (imaginary part)</b>	<b>20.256244</b>
<b>Conductivity (S/m)</b>	<b>0.962051</b>
<b>Variation (%)</b>	<b>-2.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>
<b>Liquid Temperature:</b>	<b>20.3°C</b>



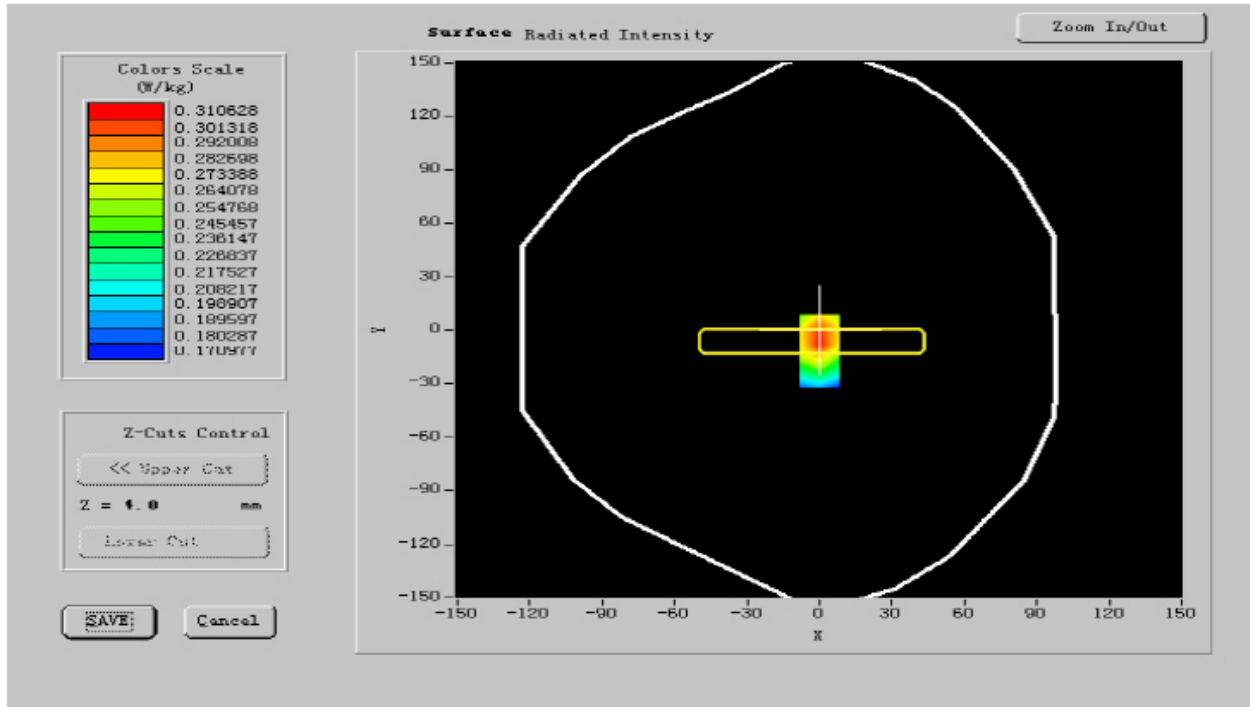
ConvF:

20.00, 19.88, 27.77

Crest factor:

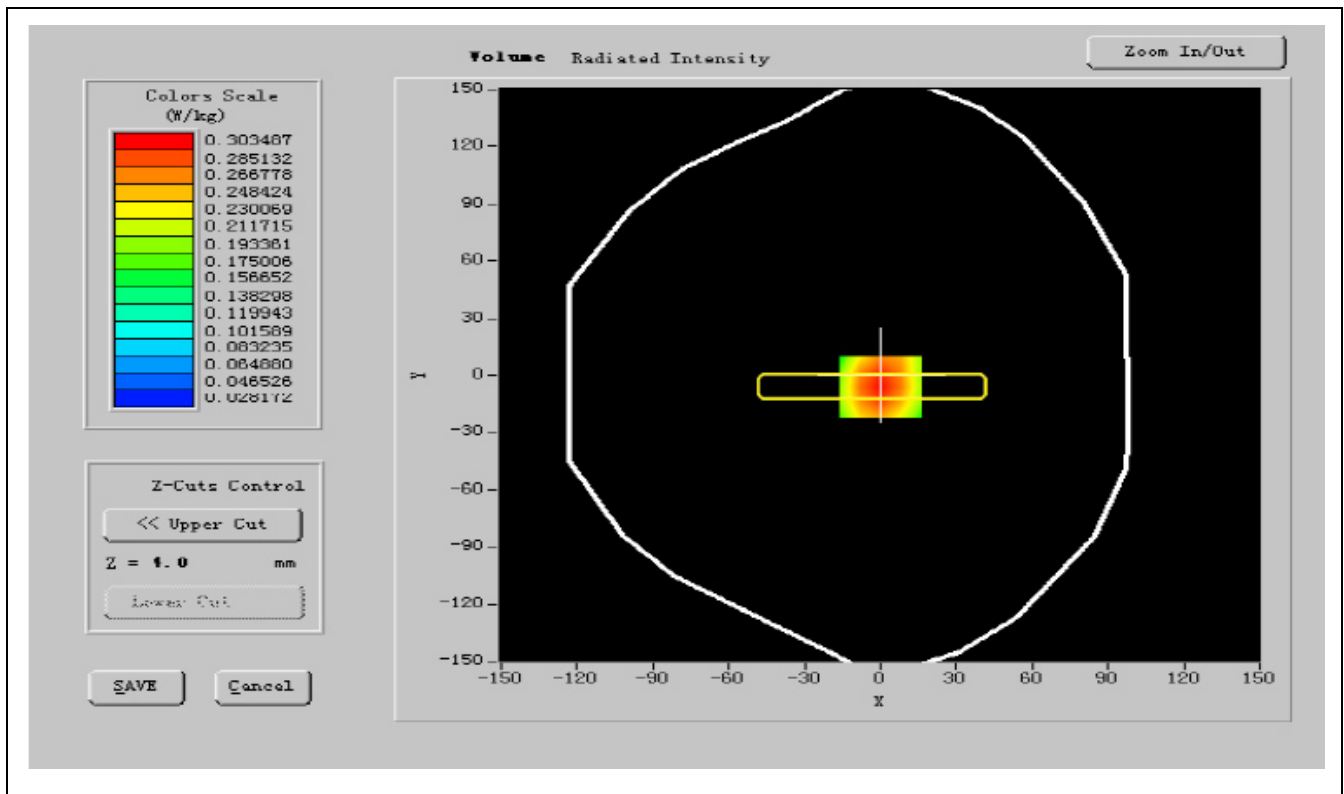
1:8

## SURFACE SAR



## VOLUME SAR



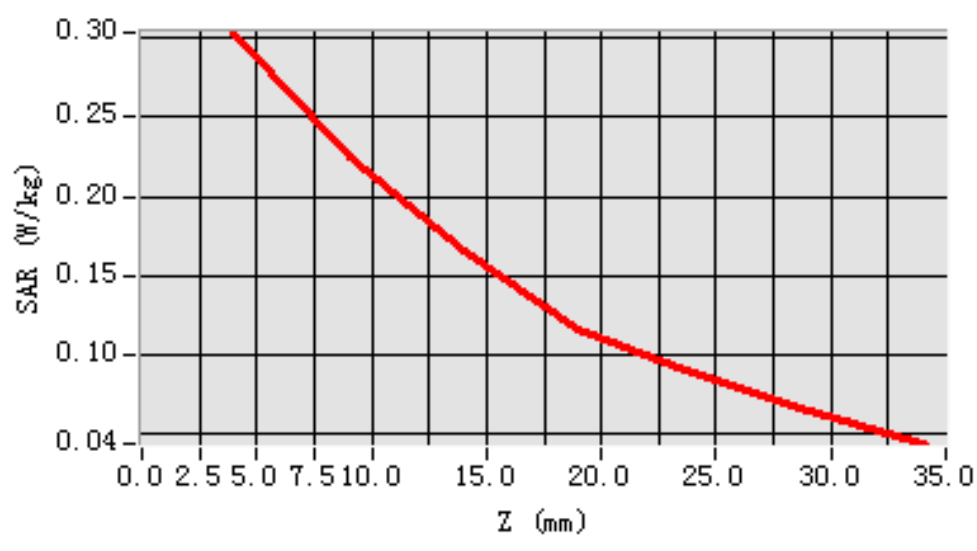


**Maximum location: X=-13.00, Y=-3.00**

SAR 10g (W/Kg)	0.452126
SAR 1g (W/Kg)	0.240163

**Z Axis Scan**

**SAR, Z Axis Scan (X = 0, Y = -6)**



**MEASUREMENT 9****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Rear edge toward phantom
<b>Band</b>	GSM850
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

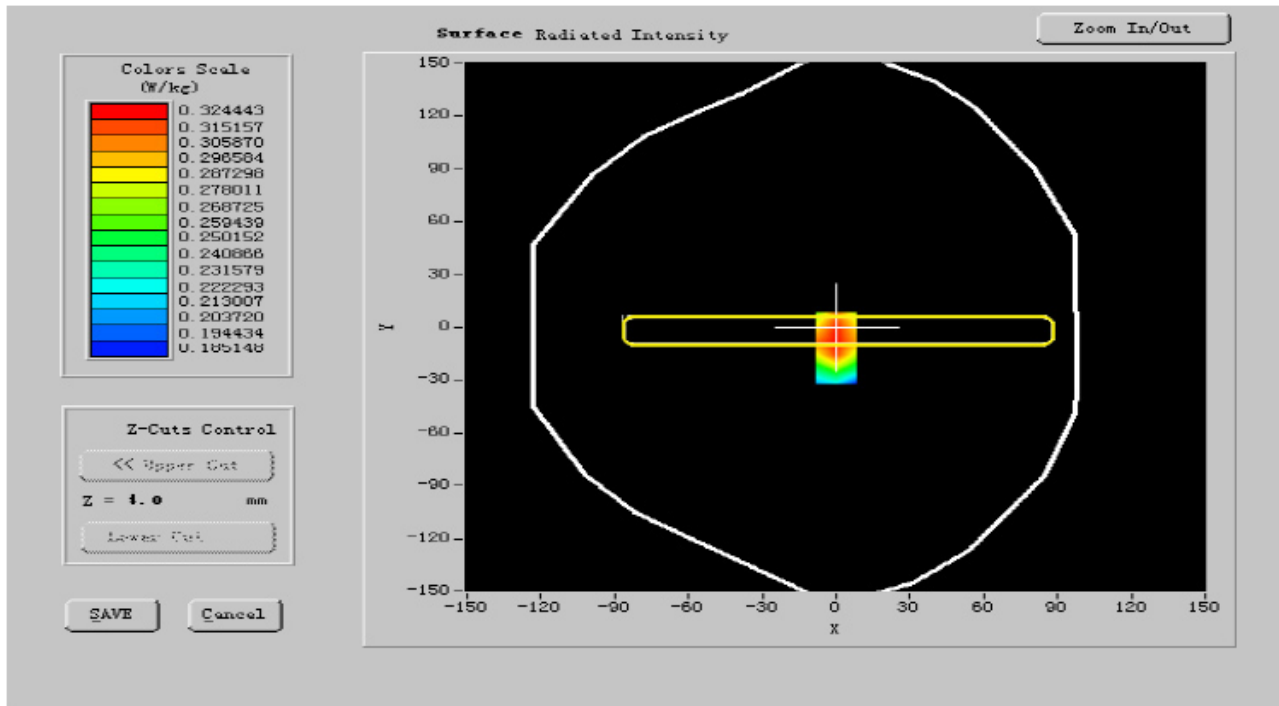
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>848.800000</b>
<b>Relative permittivity (real part)</b>	<b>53.246120</b>
<b>Relative permittivity (imaginary part)</b>	<b>22.326601</b>
<b>Conductivity (S/m)</b>	<b>0.943282</b>
<b>Variation (%)</b>	<b>-1.120000</b>
<b>Ambient Temperature:</b>	<b>21.2°C</b>

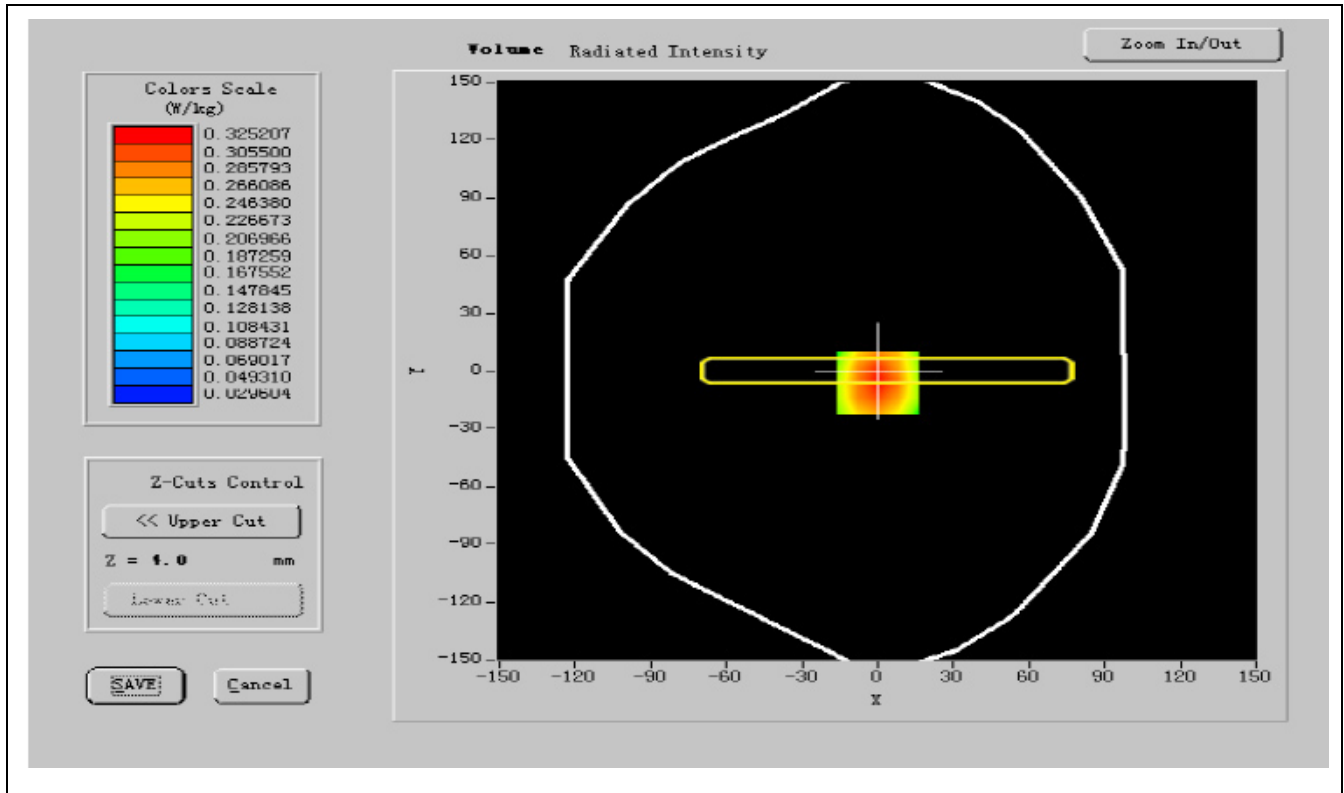


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8

## SURFACE SAR



## VOLUME SAR

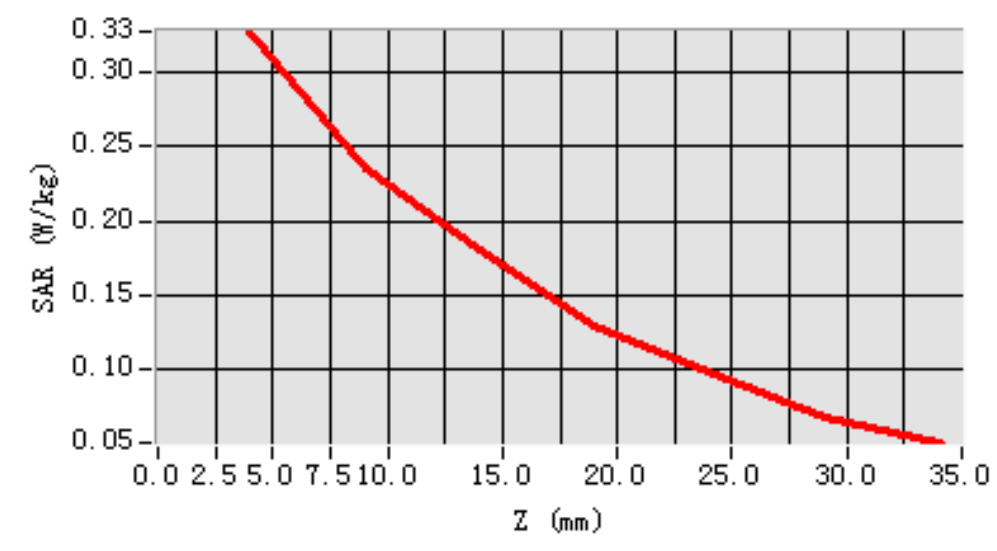


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.410135
SAR 1g (W/Kg)	0.230132

### Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -6)



**MEASUREMENT 10****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Tip edge toward phantom
<b>Band</b>	GSM850
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

**C. SAR Measurement Results**

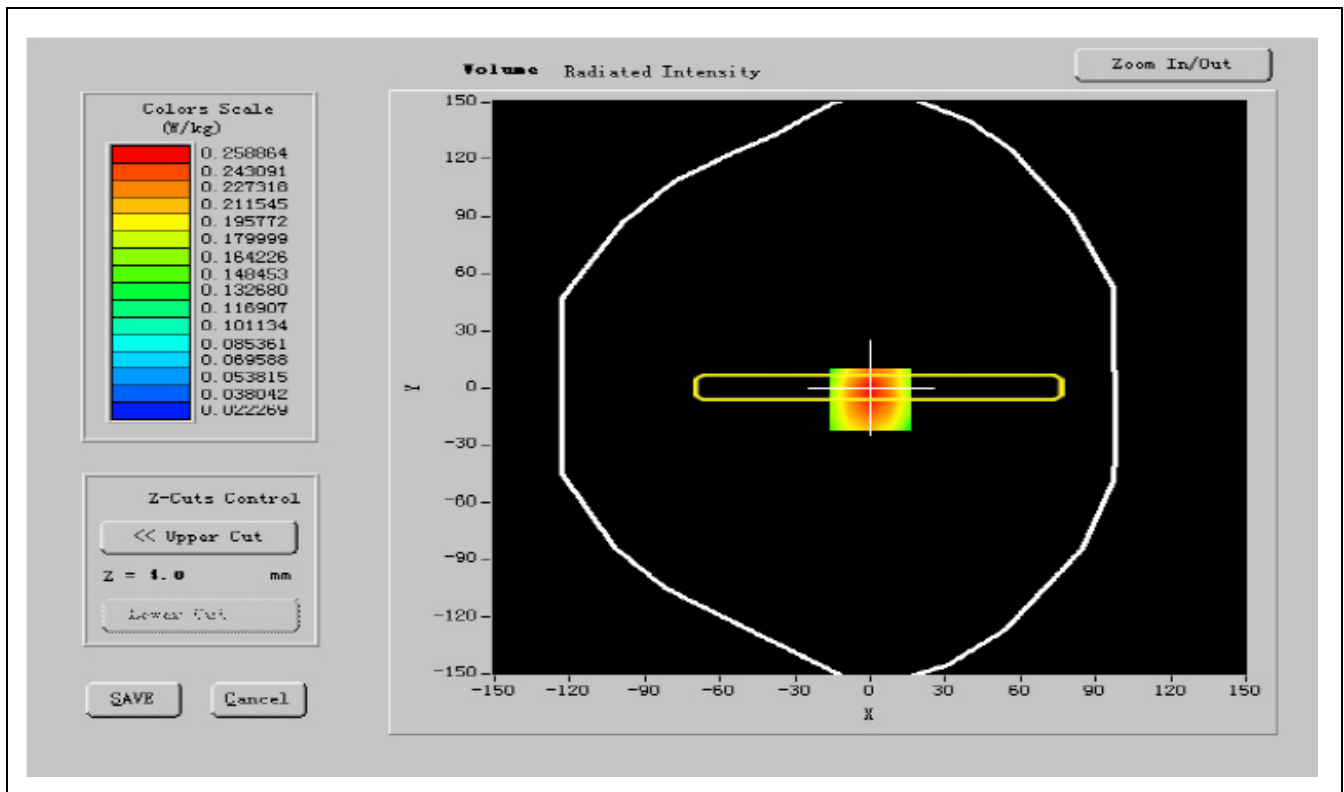
<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>50.262000</b>
<b>Relative permittivity (imaginary part)</b>	<b>22.344150</b>
<b>Conductivity (S/m)</b>	<b>0.921519</b>
<b>Variation (%)</b>	<b>-1.120000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>



<b>Liquid Temperature:</b>	<b>20.3°C</b>
<b>ConvF:</b>	<b>20.00, 19.88, 27.77</b>
<b>Crest factor:</b>	<b>1:2</b>

## SURFACE SAR

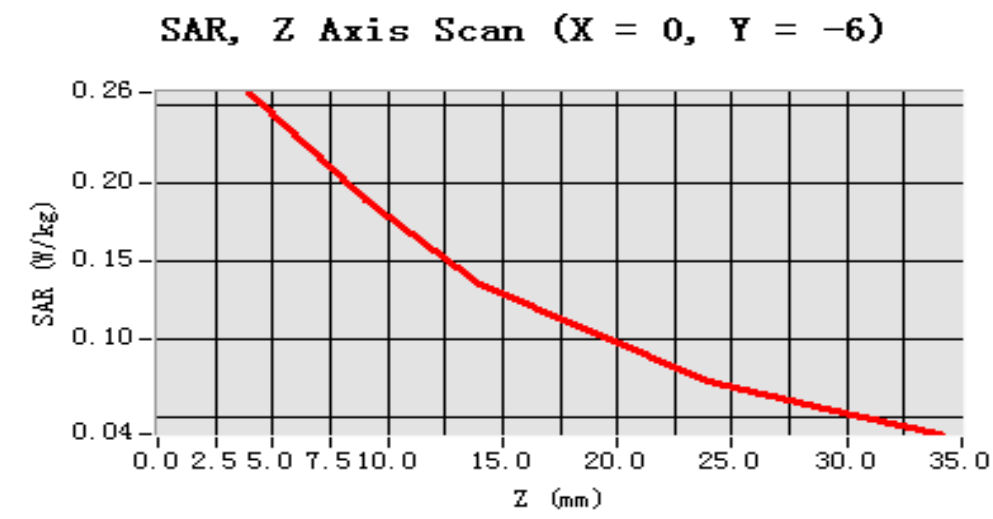
## VOLUME SAR



**Maximum location: X=-13.00, Y=-3.00**

SAR 10g (W/Kg)	0.480361
SAR 1g (W/Kg)	0.230216

**Z Axis Scan**



**MEASUREMENT 11****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Rear edge toward phantom
<b>Band</b>	GPRS850
<b>Channels</b>	Low
<b>Signal</b>	GPRS

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

**C. SAR Measurement Results**

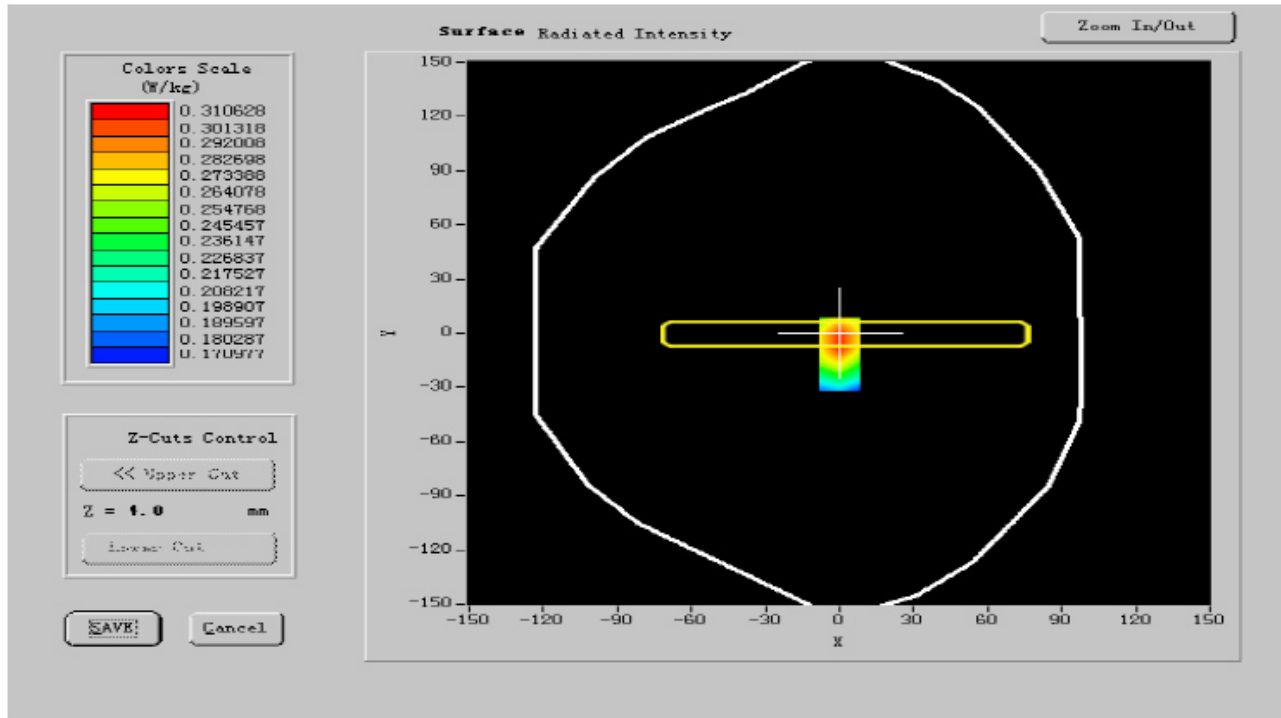
<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>51.361995</b>
<b>Relative permittivity (imaginary part)</b>	<b>23.456221</b>
<b>Conductivity (S/m)</b>	<b>1.006342</b>
<b>Variation (%)</b>	<b>-0.200000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>



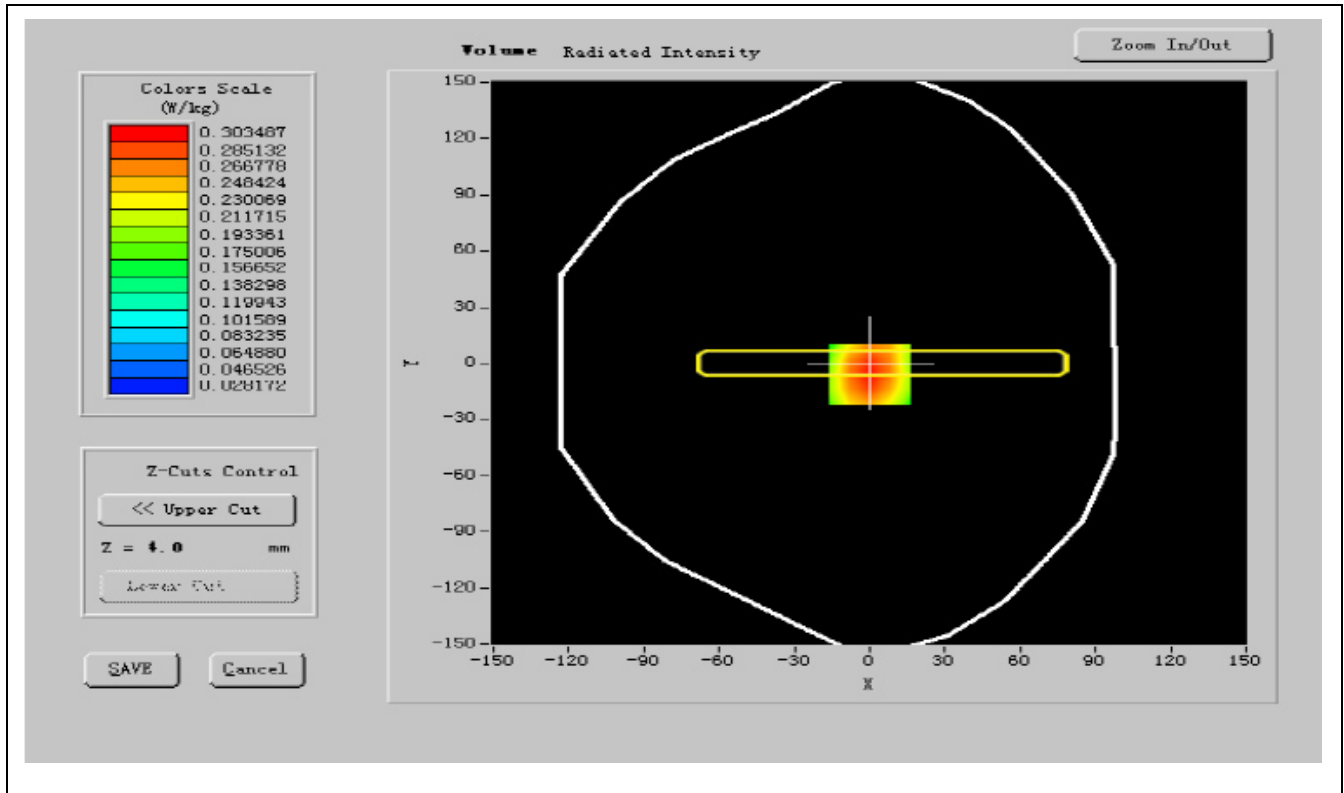


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2

## SURFACE SAR



## VOLUME SAR

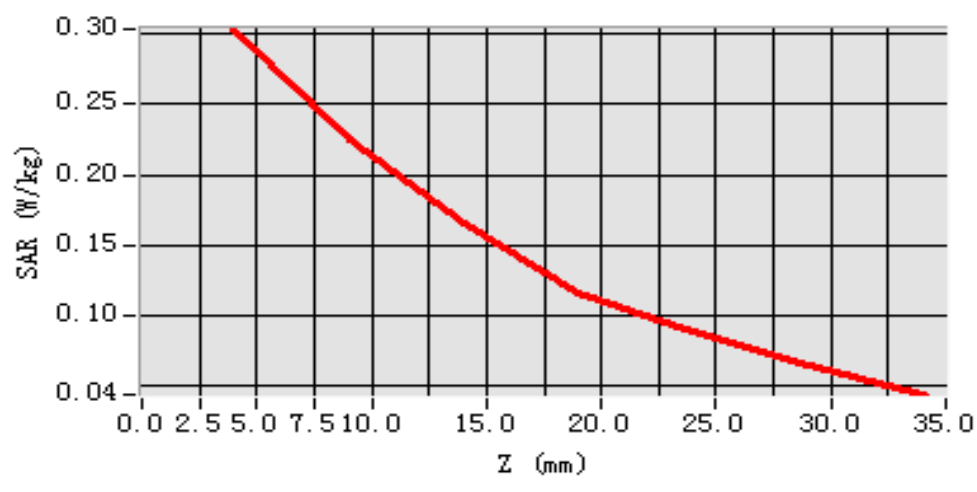


**Maximum location: X=-13.00, Y=-3.00**

SAR 10g (W/Kg)	0.432142
SAR 1g (W/Kg)	0.212120

### Z Axis Scan

**SAR, Z Axis Scan (X = 0, Y = -6)**



**MEASUREMENT 12****Date of measurement: 12/9/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

<b>Phantom File</b>	zinf15.txt, Adaptive 2 max
<b>Phantom</b>	Body
<b>Device Position</b>	Tip edge toward phantom
<b>Band</b>	GPRS850
<b>Channels</b>	Low
<b>Signal</b>	GPRS

**B. Instrumentations.**

<b>PC</b>	<b>HP (Pentium(R) V3.06GHz, SN:375052-AA1)</b>	<b>Calibration Due: N/A</b>
<b>Wireless Communication Test Set</b>	<b>R&amp;S (CMU200, SN:B23-03291)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Network Analyzer</b>	<b>Agilent(E5071B, MY42301382)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Voltmeter</b>	<b>Keithley (2000, SN:1015843)</b>	<b>Calibration Due: 05/25/2011</b>
<b>Signal Generator</b>	<b>Agilent (E8257C, SN:MY43321570)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Amplifier</b>	<b>Mini-Circuits (ZHL-42, SN:110405)</b>	<b>Calibration Due: 07/29/2011</b>
<b>Power Meter</b>	<b>Agilent (E4416A, SN:QB41292714)</b>	<b>Calibration Due: 03/24/2011</b>
<b>Probe</b>	<b>Antennessa (SN:SN_1109_EP_100)</b>	<b>Calibration Due: 05/04/2011</b>
<b>DIPOLE 835</b>	<b>Antennessa (DIPC32,SN 48/05)</b>	<b>Calibration Due: 02/09/2012</b>
<b>Phantom</b>	<b>Antennessa (SN:SN41_05_SAM29)</b>	<b>Calibration Due: N/A</b>
<b>Liquid</b>	<b>Antennessa</b>	<b>Calibration Due: N/A</b>
<b>Measurement SW</b>	<b>OPEN SAR V2.1</b>	<b>Calibration Due: N/A</b>

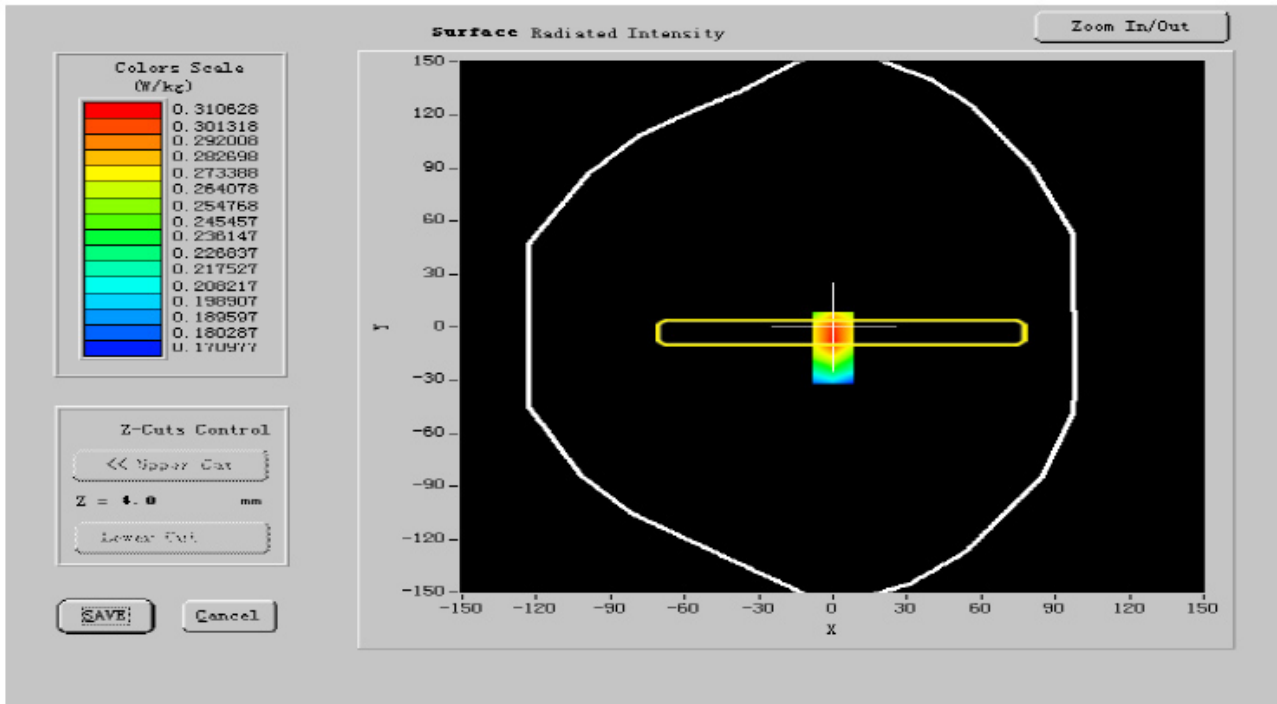
**C. SAR Measurement Results**

<b>Frequency (MHz)</b>	<b>824.200000</b>
<b>Relative permittivity (real part)</b>	<b>52.026000</b>
<b>Relative permittivity (imaginary part)</b>	<b>22.243601</b>
<b>Conductivity (S/m)</b>	<b>0.924288</b>
<b>Variation (%)</b>	<b>-0.220000</b>
<b>Ambient Temperature:</b>	<b>21.2 °C</b>

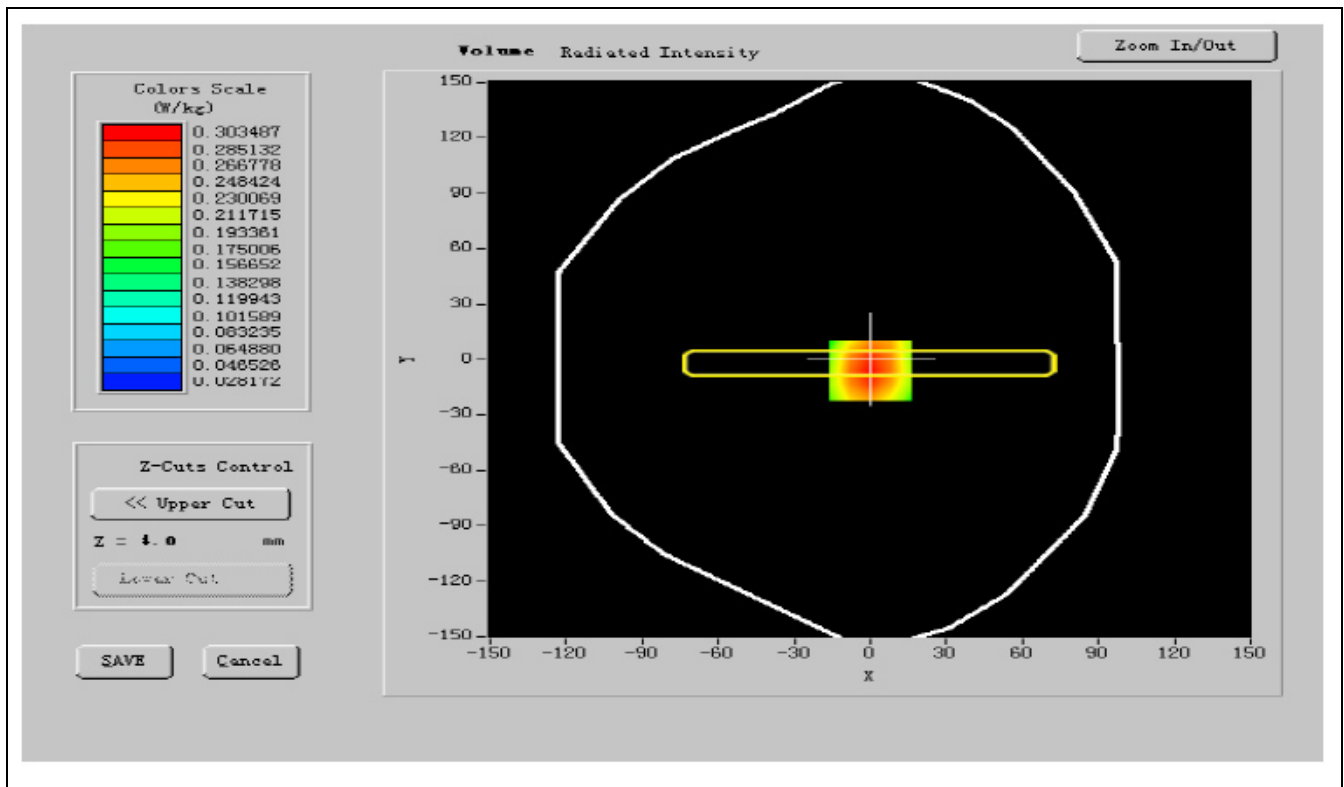


Liquid Temperature:	20.3°C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2

## SURFACE SAR



## VOLUME SAR



Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.422110
SAR 1g (W/Kg)	0.240143

Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -6)

