

Submit 2 SAR Test Plots



I. 850MHz Band RESULTS

<u>TYPE</u>	<u>PARAMETERS</u>
<u>Phone</u>	<p><u>Measurement 1:</u> Right Head with Cheek device position on Low Channel in GSM850 mode</p> <p><u>Measurement 2:</u> Right Head with Cheek device position on Middle Channel in GSM850 mode</p> <p><u>Measurement 3:</u> Right Head with Cheek device position on High Channel in GSM850 mode</p> <p><u>Measurement 4:</u> Right Head with Tilt device position on Low Channel in GSM850 mode</p> <p><u>Measurement 5:</u> Right Head with Tilt device position on Middle Channel in GSM850 mode</p> <p><u>Measurement 6:</u> Right Head with Tilt device position on High Channel in GSM850 mode</p> <p><u>Measurement 7:</u> Left Head with Cheek device position on Low Channel in GSM850 mode</p> <p><u>Measurement 8:</u> Left Head with Cheek device position on Middle Channel in GSM850 mode</p> <p><u>Measurement 9:</u> Left Head with Cheek device position on High Channel in GSM850 mode</p> <p><u>Measurement 10:</u> Left Head with Tilt device position on Low Channel in GSM850 mode</p> <p><u>Measurement 11:</u> Left Head with Tilt device position on Middle Channel in GSM850 mode</p> <p><u>Measurement 12:</u> Left Head with Tilt device position on High Channel in GSM850 mode</p> <p><u>Measurement 13:</u> BackSide toward phantom 15mm, Low Channel in GSM850 mode</p> <p><u>Measurement 14:</u> BackSide toward phantom 15mm, Middle Channel in GSM850 mode</p> <p><u>Measurement 15:</u> BackSide toward phantom 15mm, High Channel in GSM850 mode</p> <p><u>Measurement 16:</u> BackSide toward phantom 15mm, Low Channel in GPRS850 mode</p> <p><u>Measurement 17:</u> BackSide toward phantom 15mm, Middle Channel in GPRS850 mode</p> <p><u>Measurement 18:</u> BackSide toward phantom 15mm, High Channel in GPRS850 mode</p> <p><u>Measurement 19:</u> FrontSide toward phantom 15mm, Low Channel in GSM850 mode</p> <p><u>Measurement 20:</u> FrontSide toward phantom 15mm, Middle</p>



	Channel in GSM850 mode <u>Measurement 21:</u> FrontSide toward phantom 15mm, High Channel in GSM850 mode <u>Measurement 22:</u> FrontSide toward phantom 15mm, Low Channel in GPRS850 mode <u>Measurement 23:</u> FrontSide toward phantom 15mm, Middle Channel in GPRS850 mode <u>Measurement 24:</u> FrontSide toward phantom 15mm, High Channel in GPRS850 mode
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MEASUREMENT 1

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	GSM

B. Instrumentations.

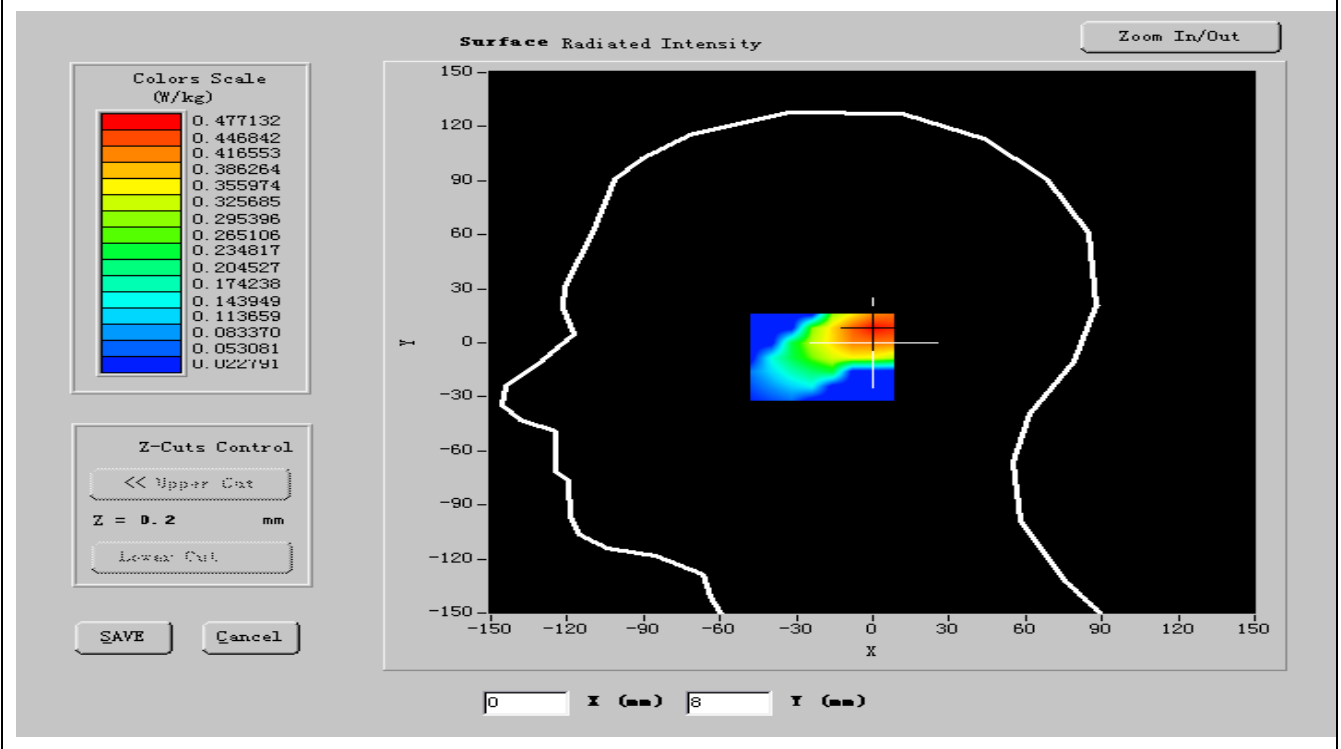
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

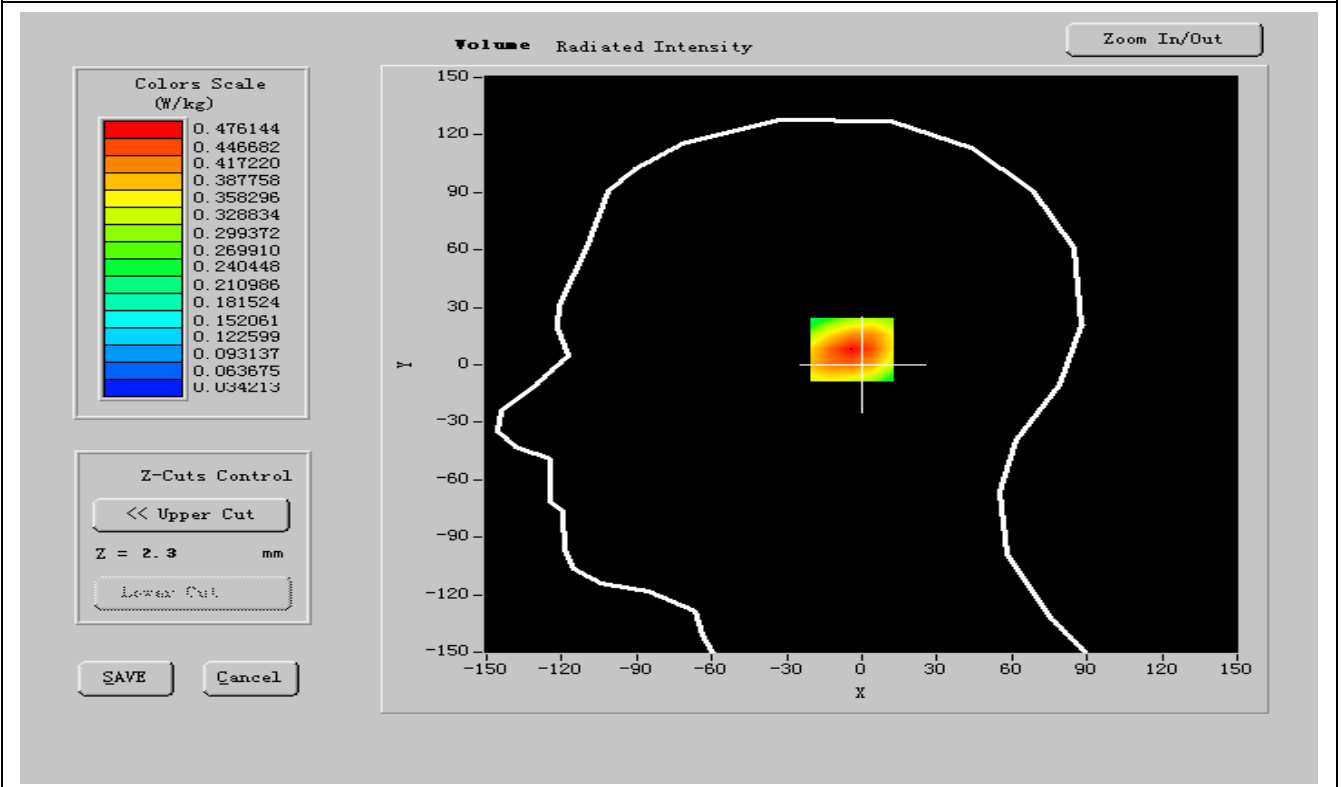
Frequency (MHz)	824.200000
Relative permittivity (real part)	41.470001
Relative permittivity (imaginary part)	19.501300
Conductivity (S/m)	0.926301
Variation (%)	-1.480000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



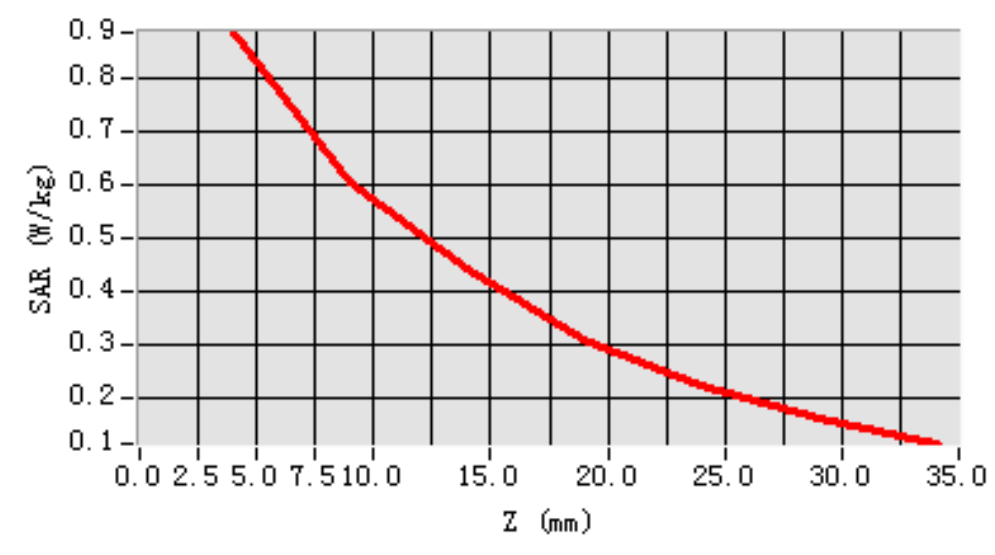


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.810733
SAR 1g (W/Kg)	0.553717

Z Axis Scan

SAR, Z Axis Scan (X = -13, Y = -3)





MEASUREMENT 2

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	Middle
Signal	GSM

B. Instrumentations.

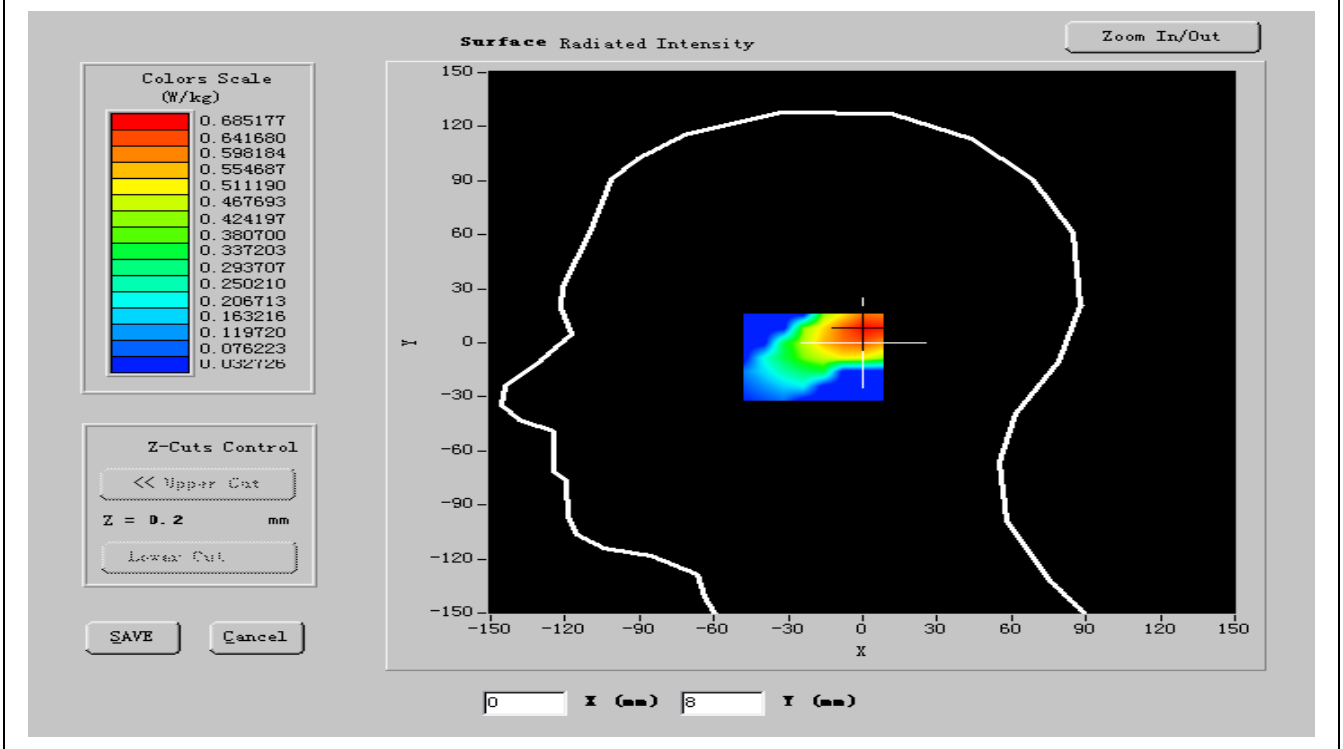
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

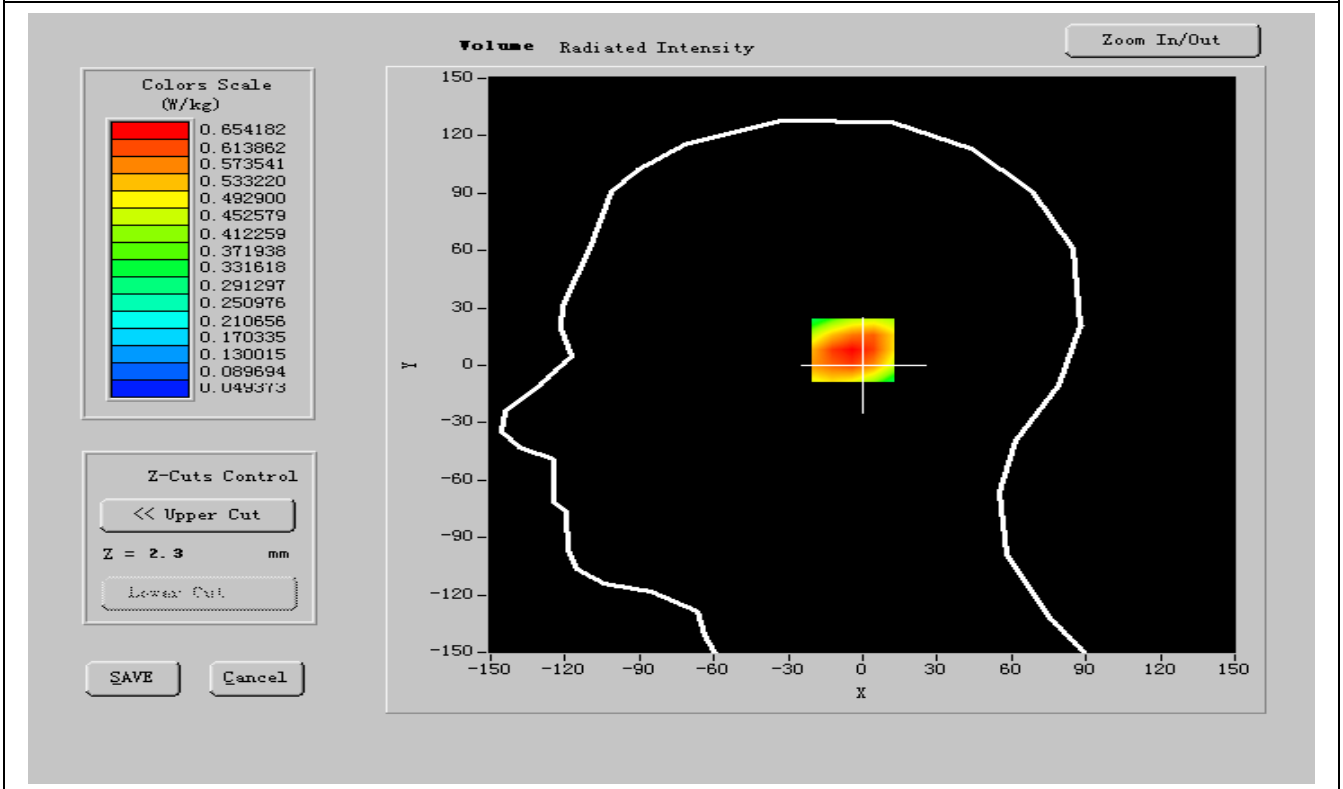
Frequency (MHz)	836.600000
Relative permittivity (real part)	41.476099
Relative permittivity (imaginary part)	19.510210
Conductivity (S/m)	0.916616
Variation (%)	-0.110000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



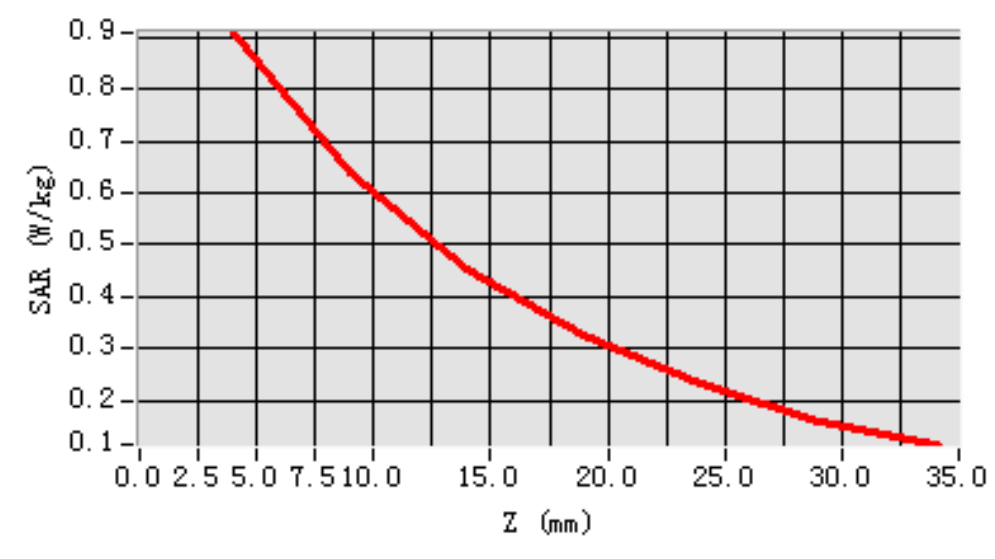


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.623706
SAR 1g (W/Kg)	0.471930

Z Axis Scan

SAR, Z Axis Scan (X = -13, Y = -3)





MEASUREMENT 3

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	High
Signal	GSM

B. Instrumentations.

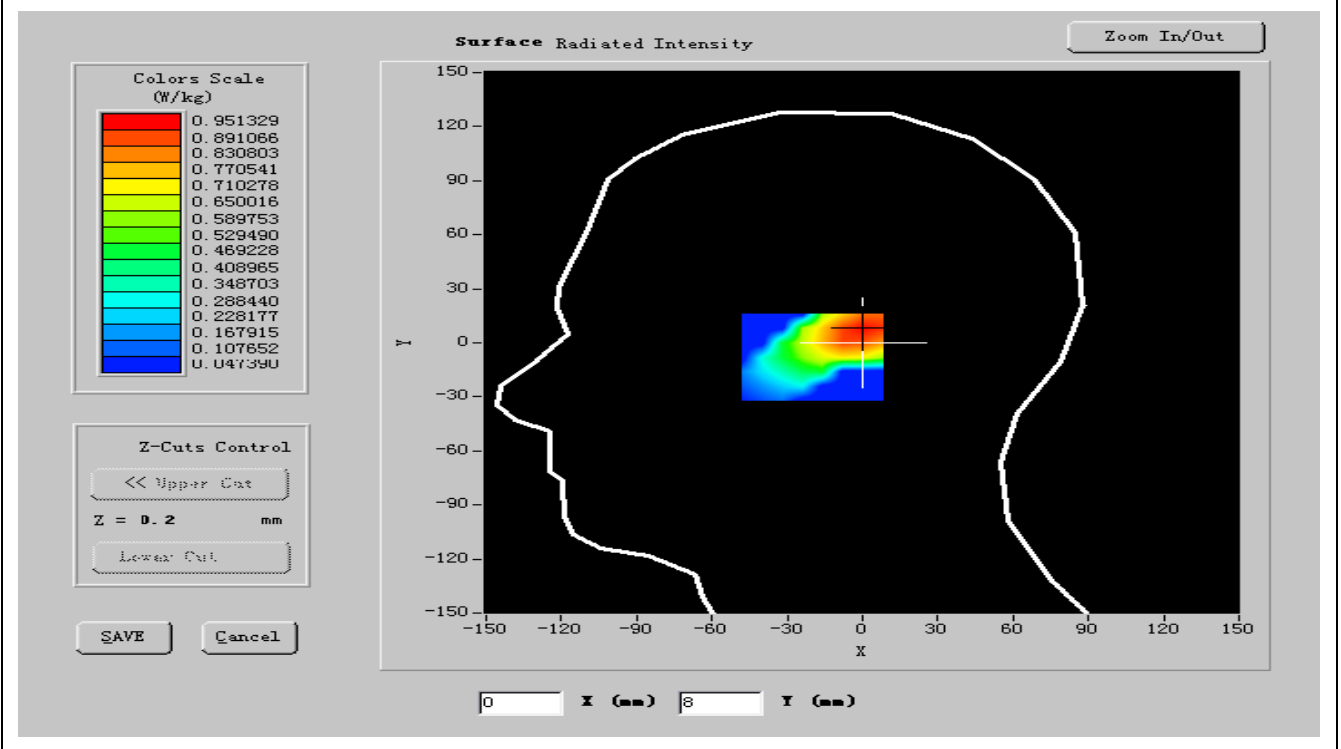
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

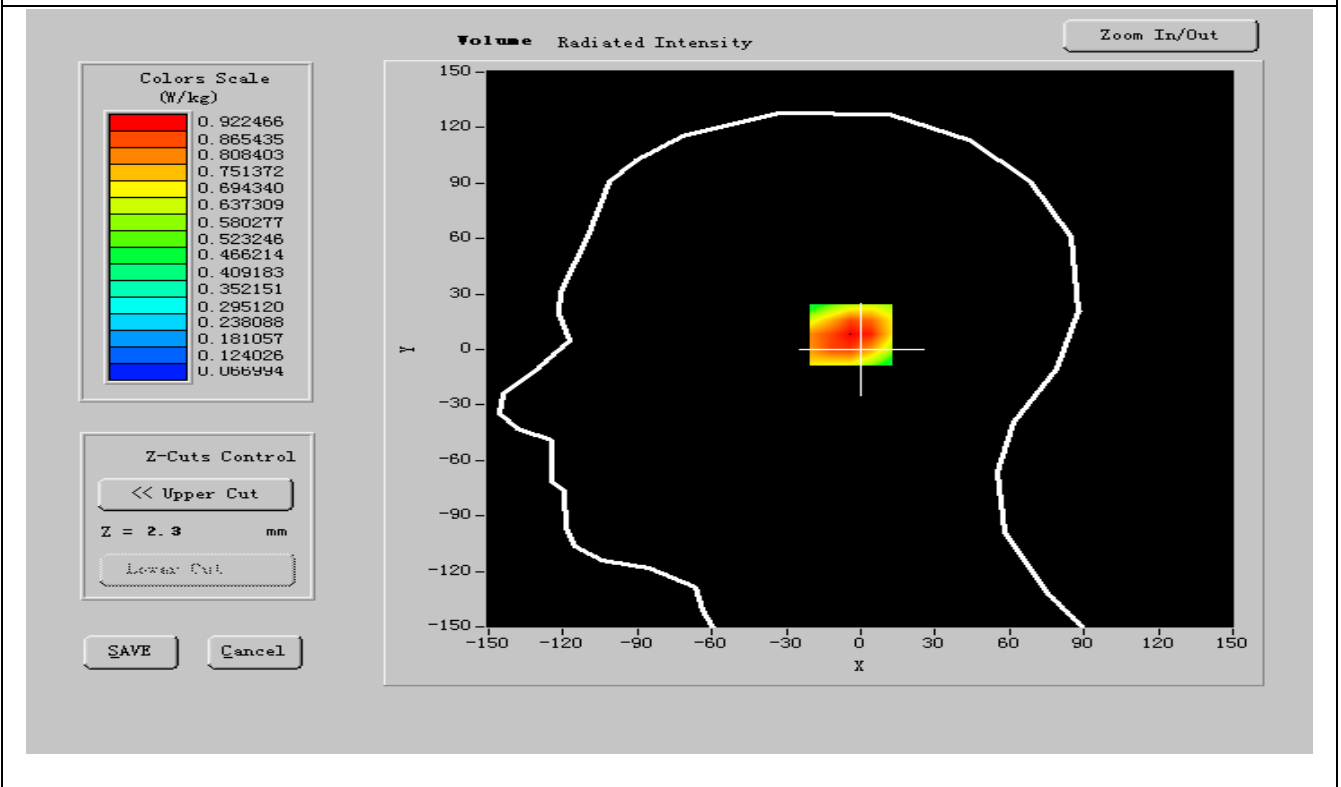
Frequency (MHz)	848.80000
Relative permittivity (real part)	41.216763
Relative permittivity (imaginary part)	19.592631
Conductivity (S/m)	0.931703
Variation (%)	-0.110000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



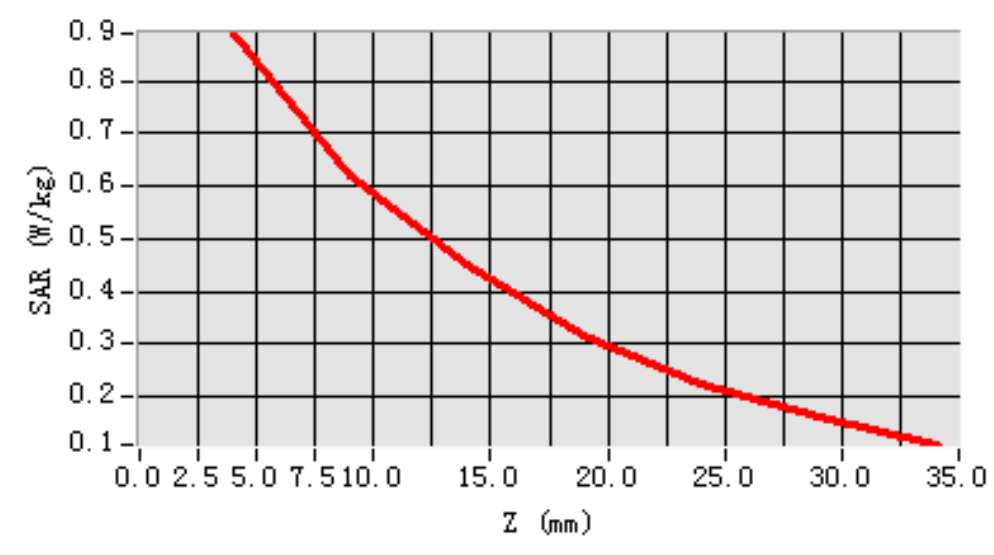


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.746579
SAR 1g (W/Kg)	0.532746

Z Axis Scan

SAR, Z Axis Scan (X = -13, Y = -3)





MEASUREMENT 4

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Right head
Device Position	Tilt
Band	GSM850
Channels	Low
Signal	GSM

B. Instrumentations.

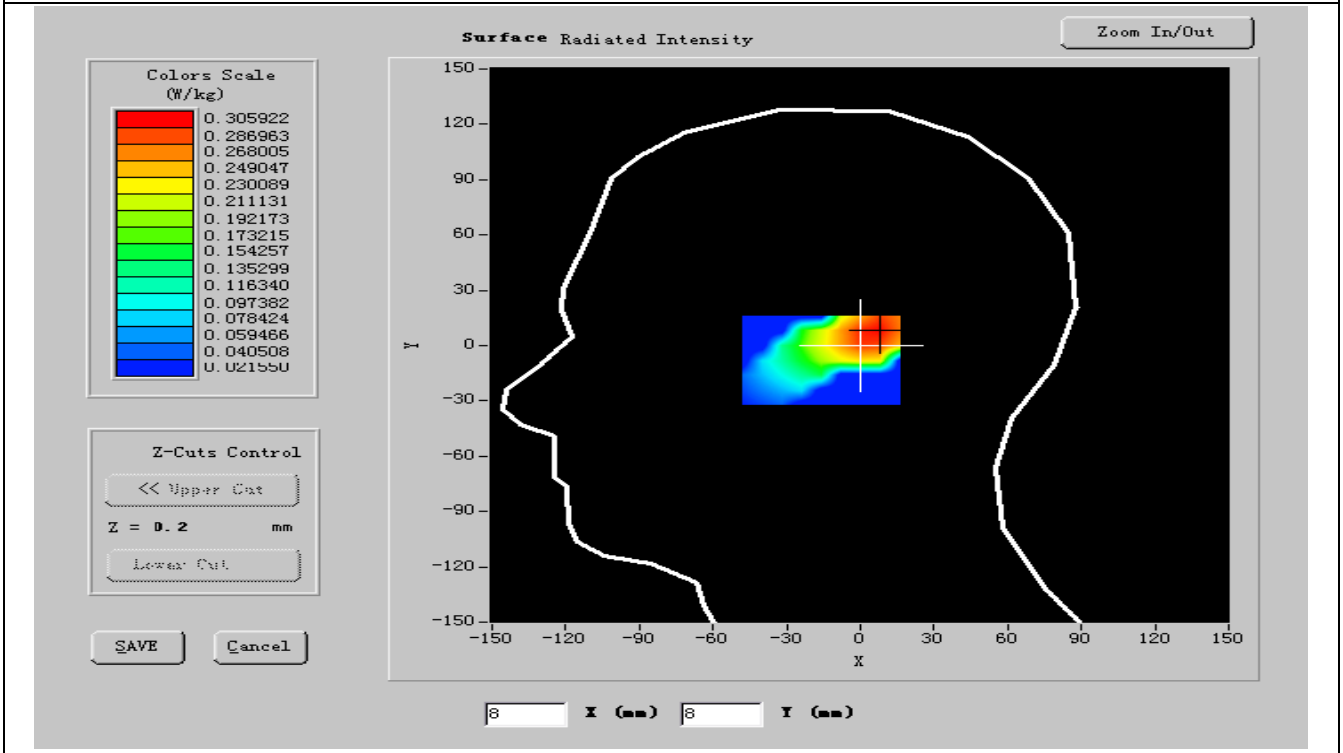
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

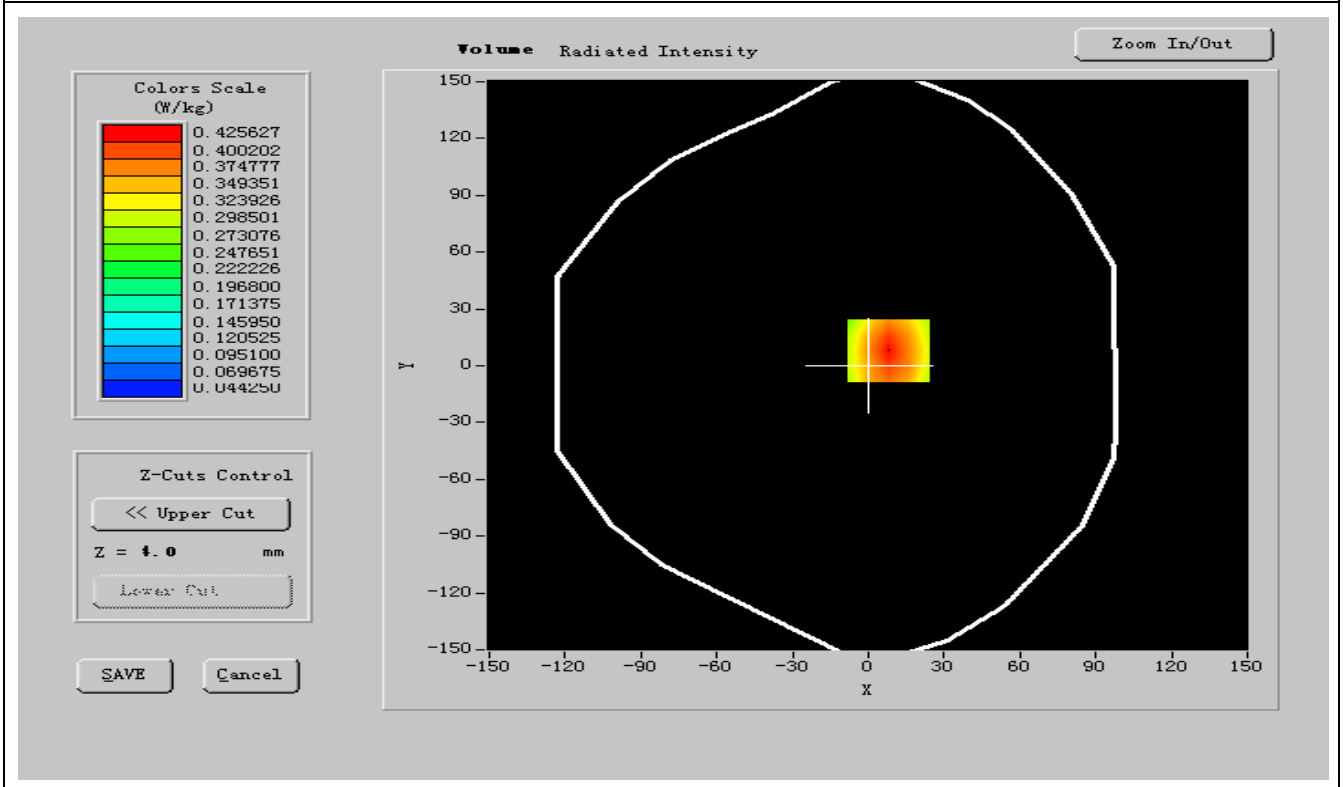
Frequency (MHz)	824.200000
Relative permittivity (real part)	41.467499
Relative permittivity (imaginary part)	19.511021
Conductivity (S/m)	0.913369
Variation (%)	-3.010000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



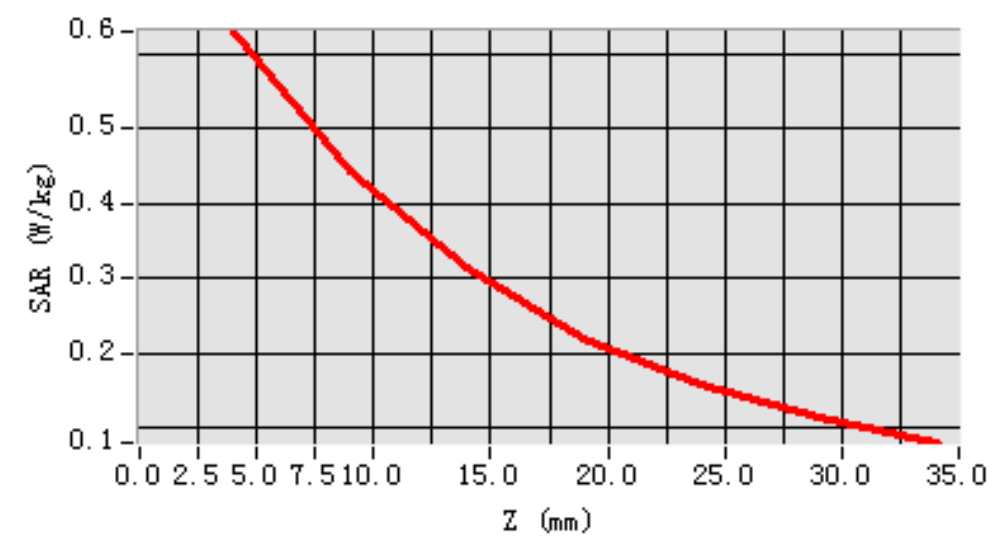


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.631906
SAR 1g (W/Kg)	0.457218

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = -6)





MEASUREMENT 5

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Right head
Device Position	Tilt
Band	GSM850
Channels	Middle
Signal	GSM

B. Instrumentations.

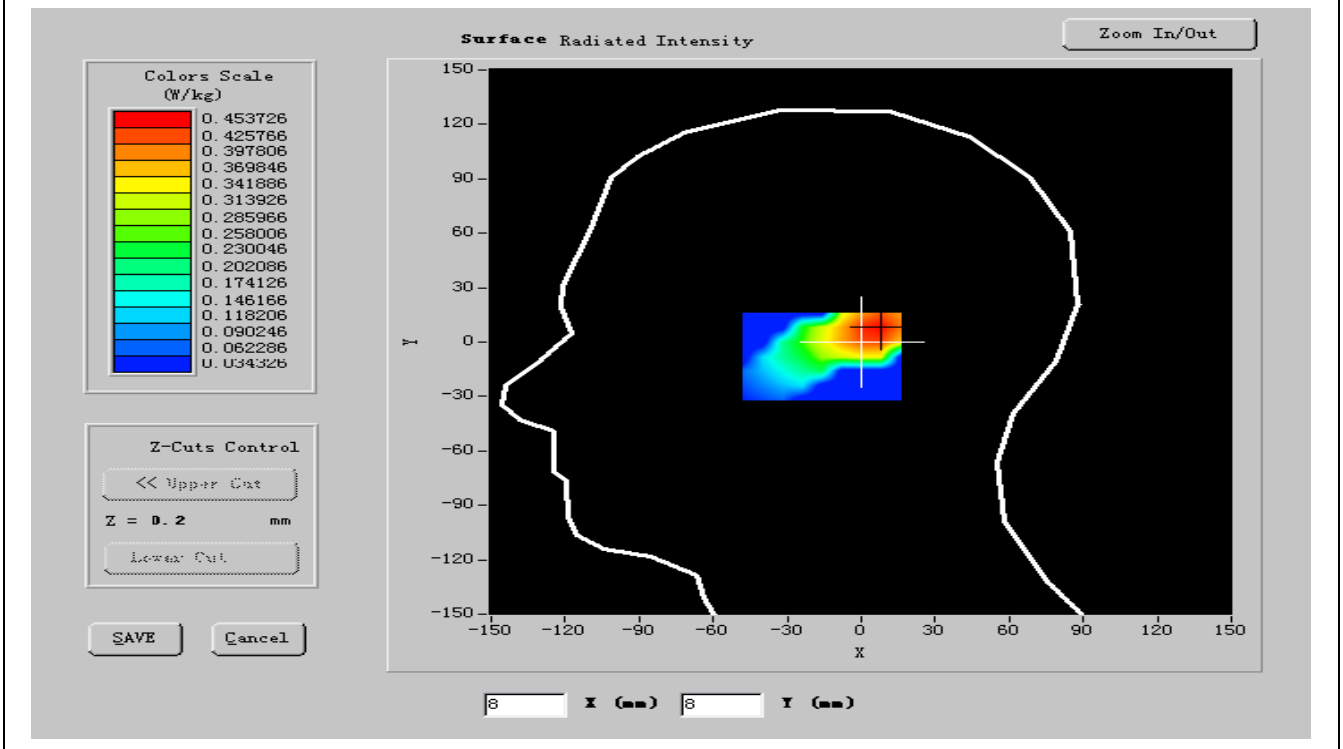
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

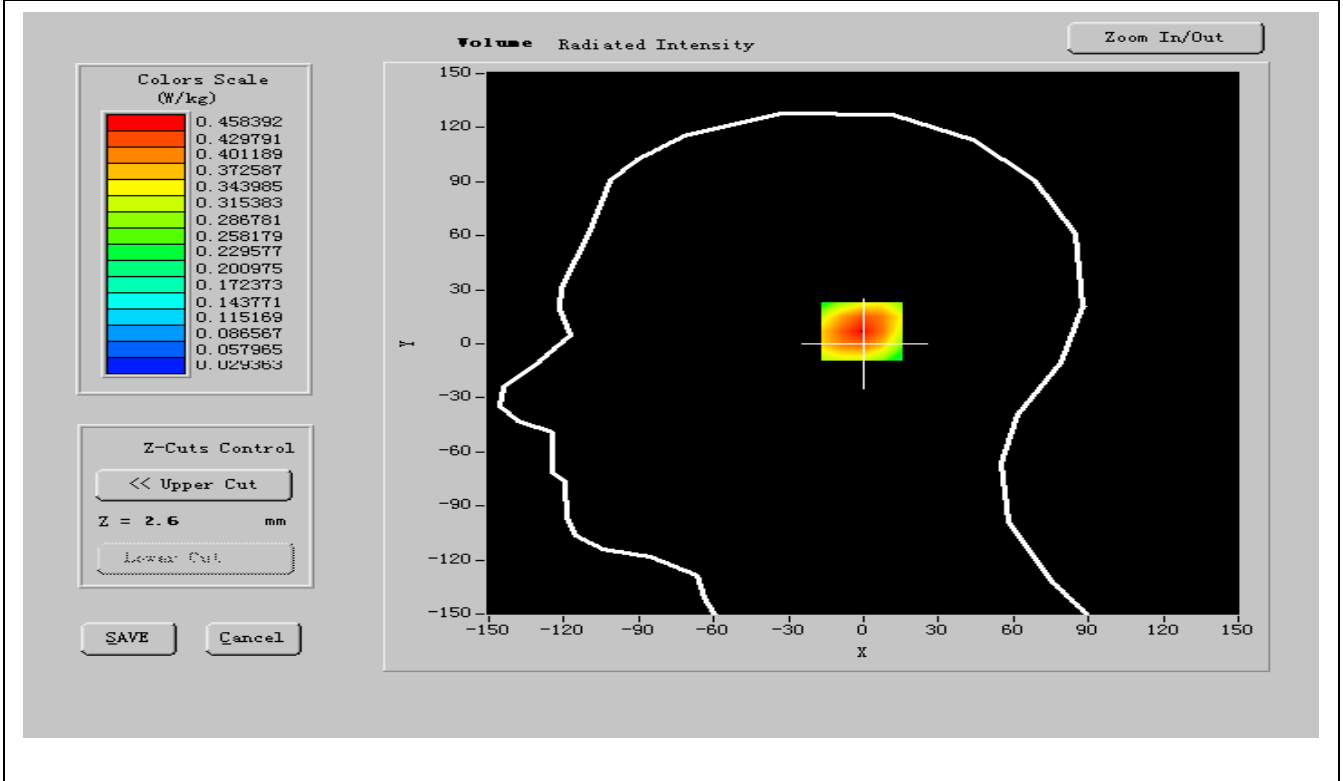
Frequency (MHz)	836.600000
Relative permittivity (real part)	41.466999
Relative permittivity (imaginary part)	19.511101
Conductivity (S/m)	0.921703
Variation (%)	-0.861000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



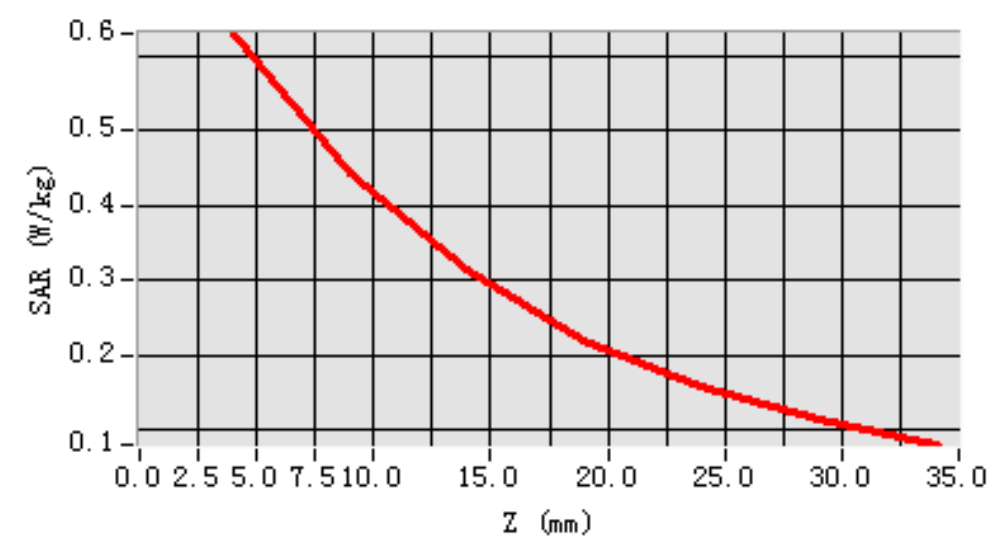


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.621673
SAR 1g (W/Kg)	0.437151

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = -6)





MEASUREMENT 6

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Right head
Device Position	Tilt
Band	GSM850
Channels	High
Signal	GSM

B. Instrumentations.

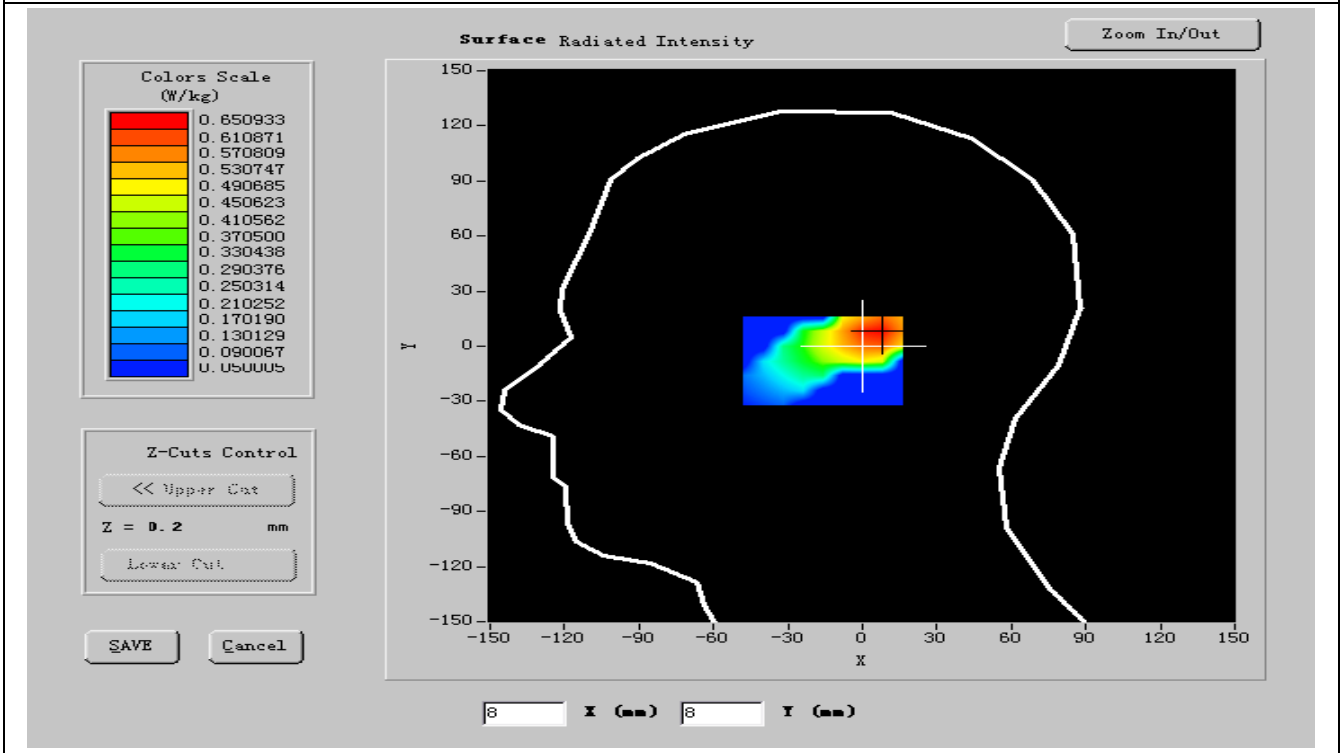
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

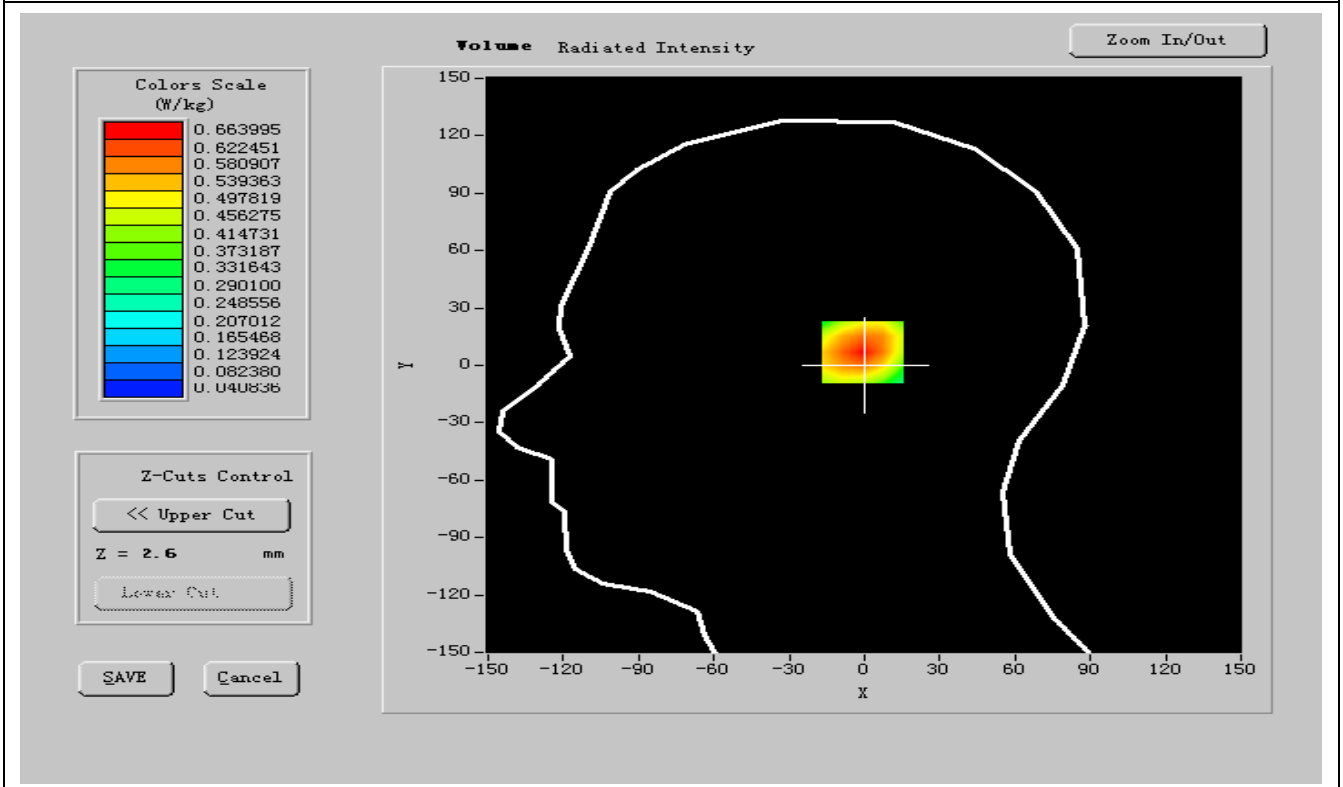
Frequency (MHz)	848.800000
Relative permittivity (real part)	41.262103
Relative permittivity (imaginary part)	19.581790
Conductivity (S/m)	0.962537
Variation (%)	-3.070000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



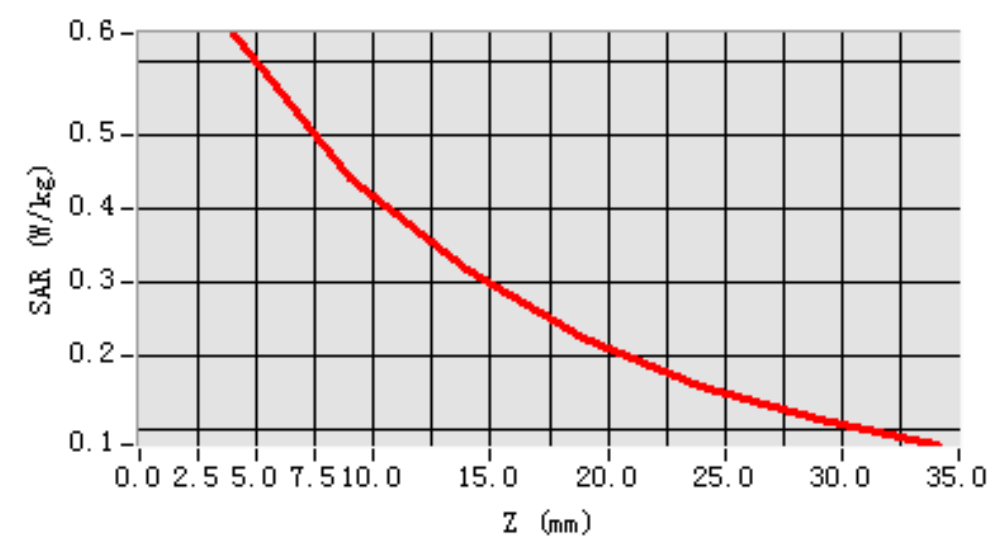


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.710649
SAR 1g (W/Kg)	0.501703

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = -6)





MEASUREMENT 7

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Left head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	GSM

B. Instrumentations.

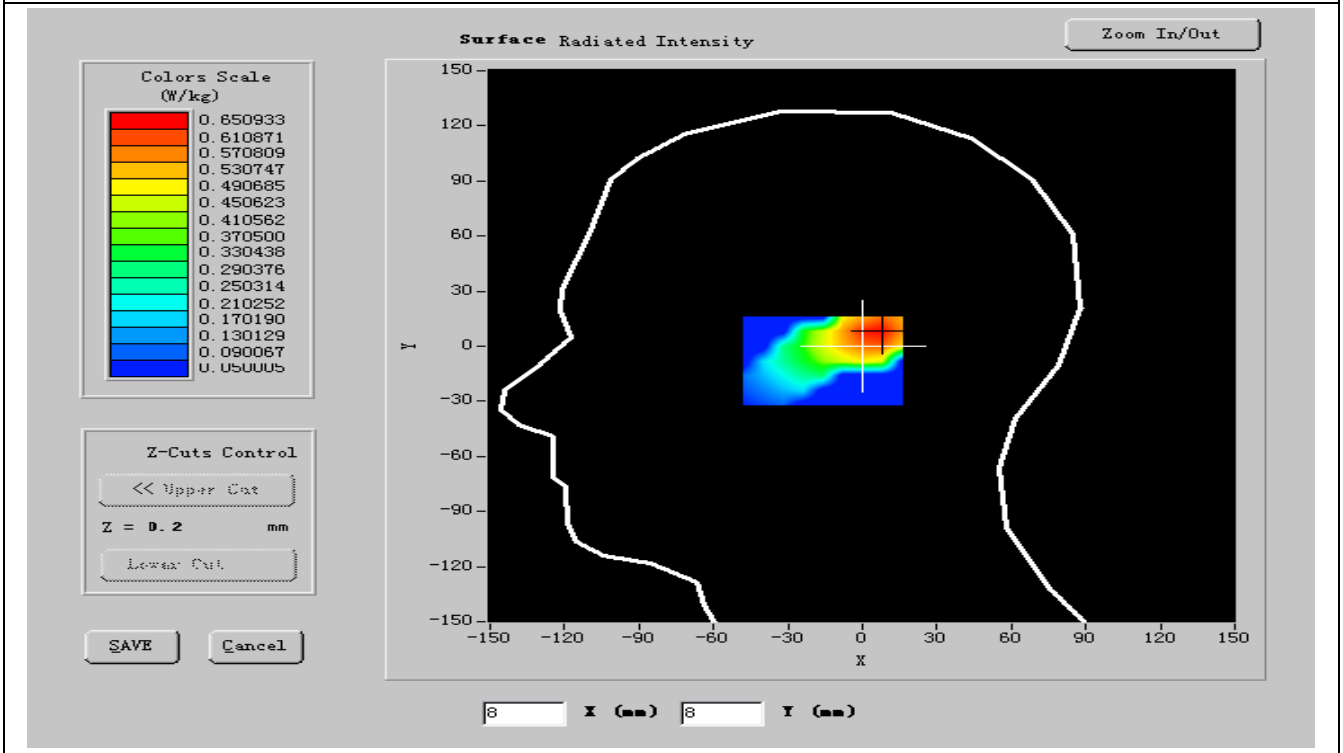
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

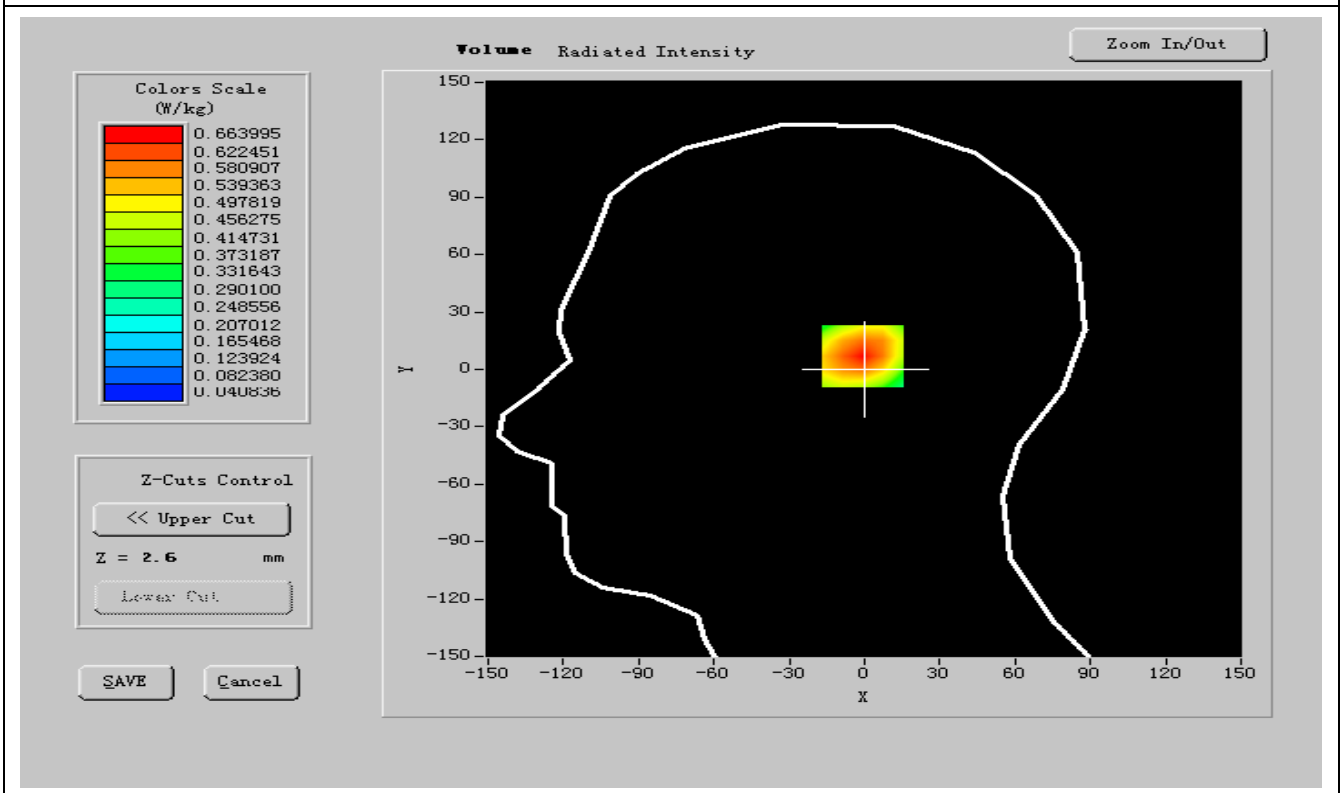
Frequency (MHz)	824.200000
Relative permittivity (real part)	41.400299
Relative permittivity (imaginary part)	19.5110013
Conductivity (S/m)	0.921764
Variation (%)	-1.220000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



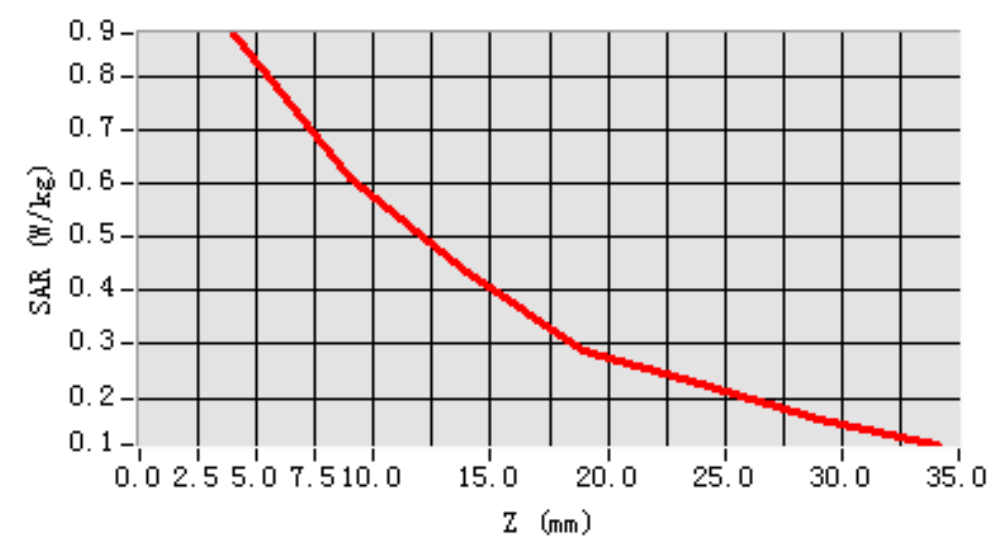


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.732568
SAR 1g (W/Kg)	0.502923

Z Axis Scan

SAR, Z Axis Scan (X = -25, Y = -11)





MEASUREMENT 8

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Left head
Device Position	Cheek
Band	GSM850
Channels	Middle
Signal	GSM

B. Instrumentations.

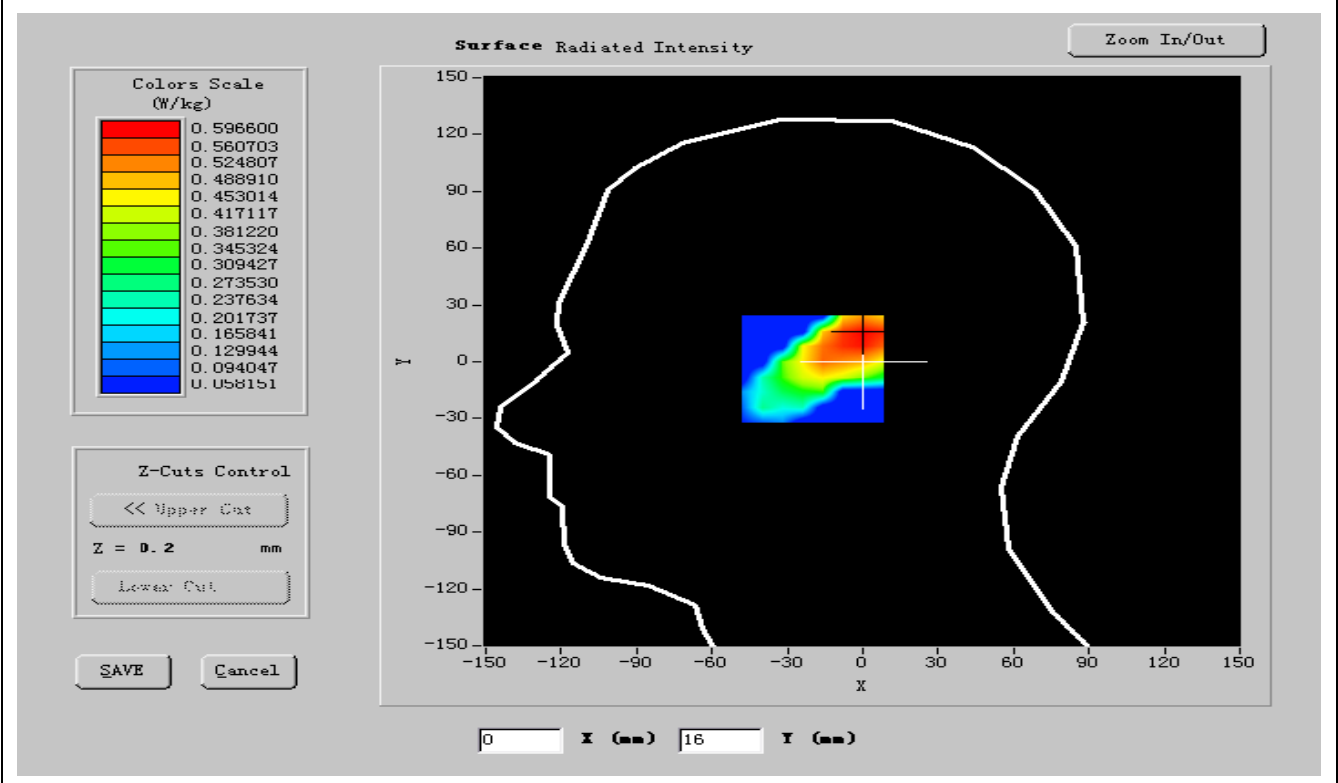
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

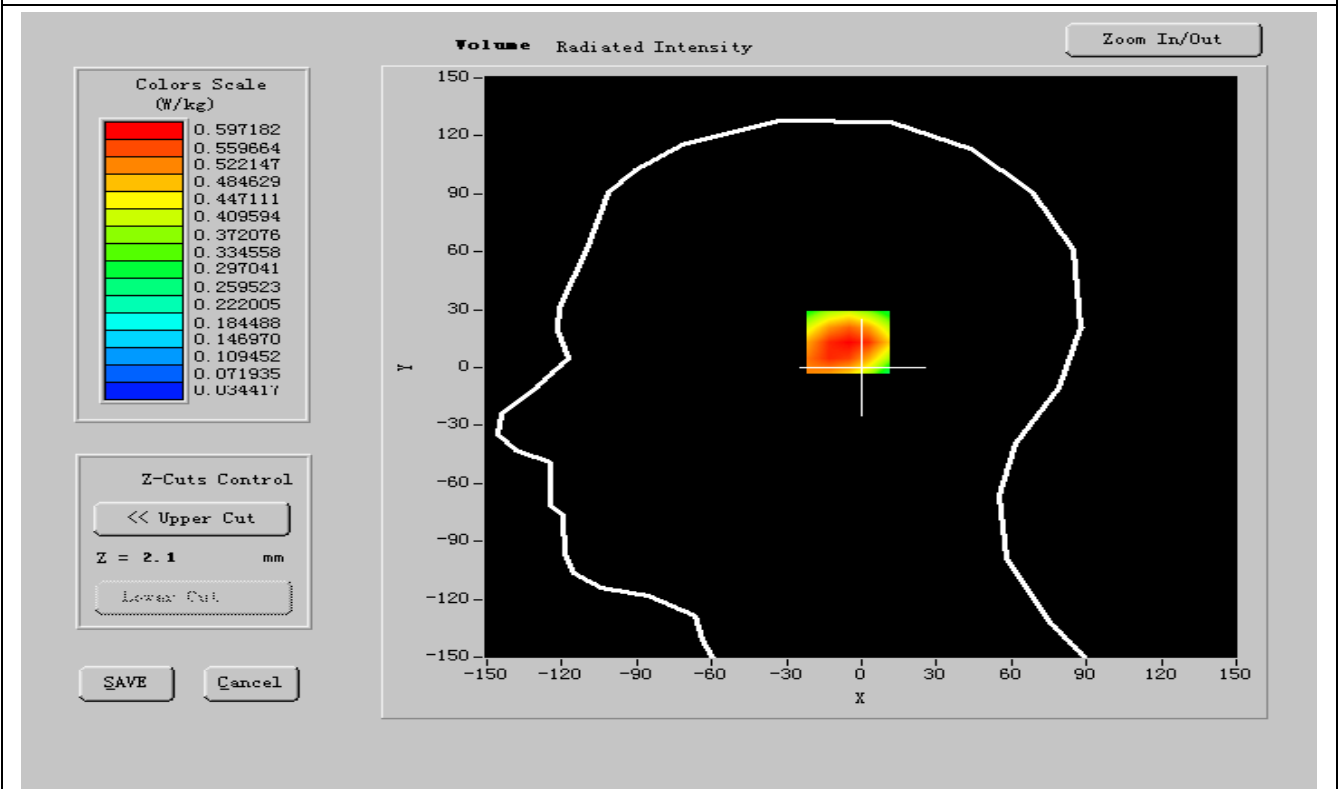
Frequency (MHz)	836.600000
Relative permittivity (real part)	41.466999
Relative permittivity (imaginary part)	19.501703
Conductivity (S/m)	0.9127011
Variation (%)	-1.230000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



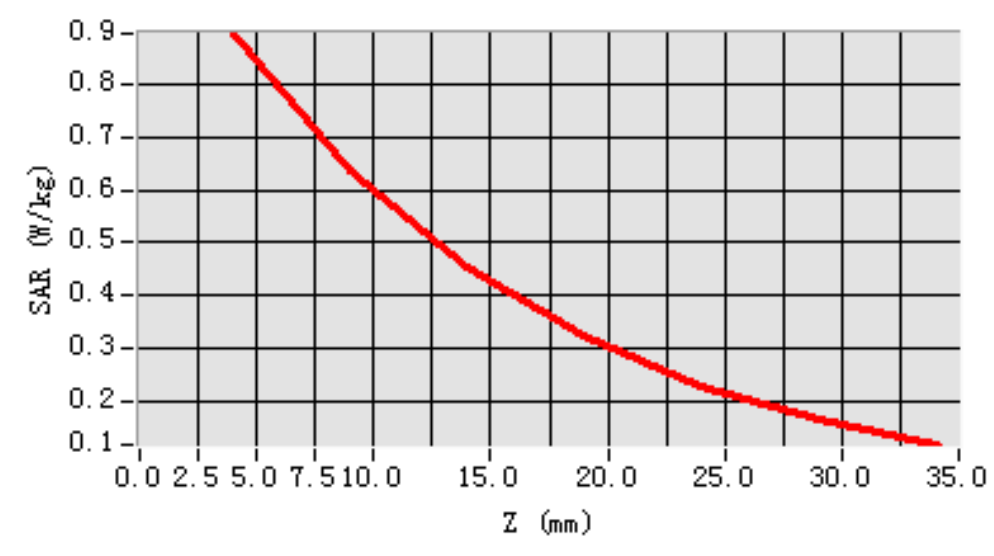


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.701913
SAR 1g (W/Kg)	0.532073

Z Axis Scan

SAR, Z Axis Scan (X = -25, Y = -11)





MEASUREMENT 9

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Left head
Device Position	Cheek
Band	GSM850
Channels	High
Signal	GSM

B. Instrumentations.

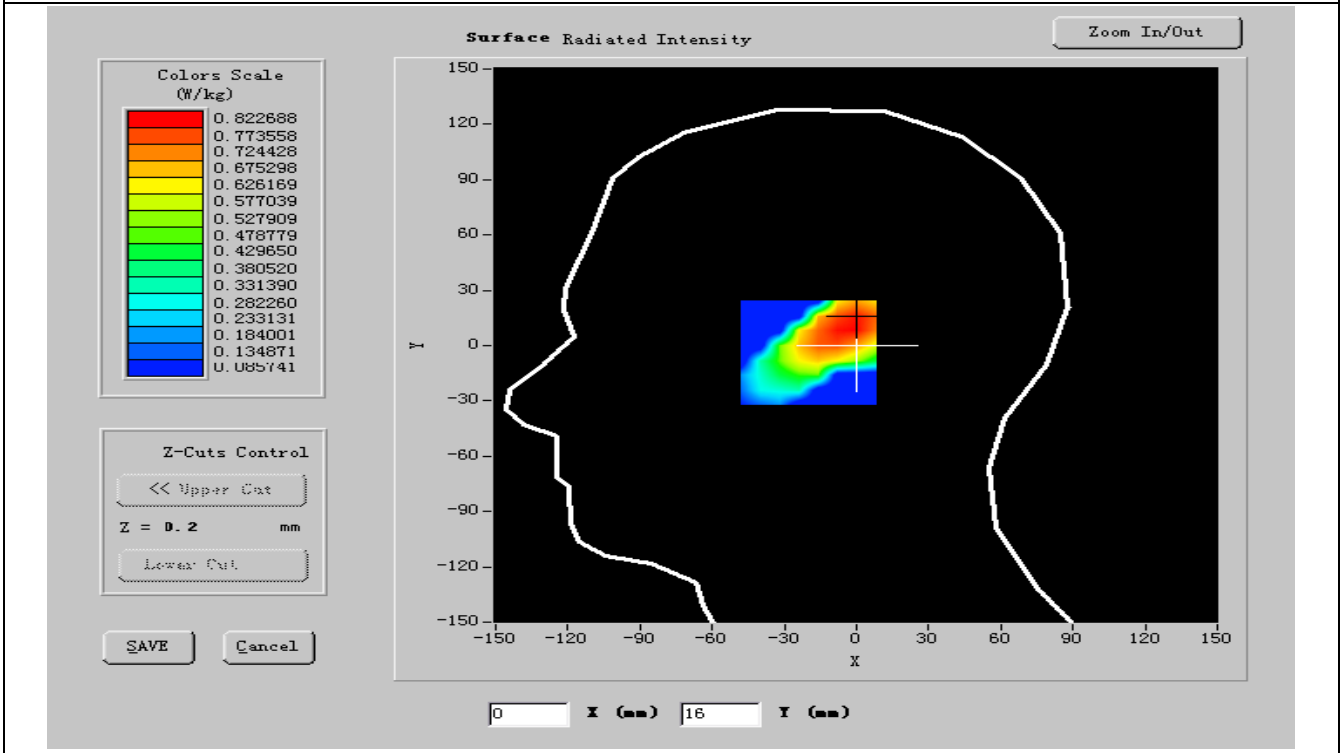
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

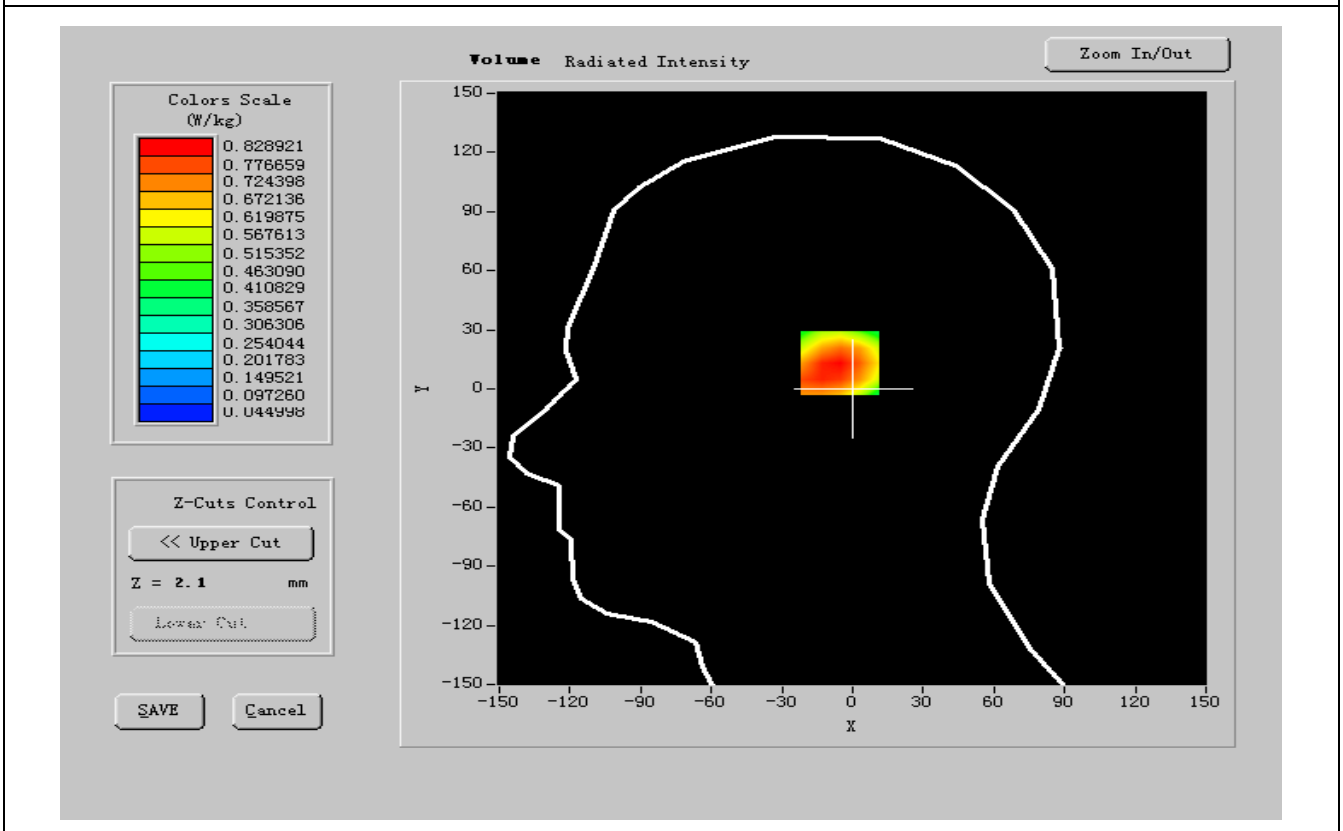
Frequency (MHz)	848.800000
Relative permittivity (real part)	41.271691
Relative permittivity (imaginary part)	19.591640
Conductivity (S/m)	0.920761
Variation (%)	-1.200000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



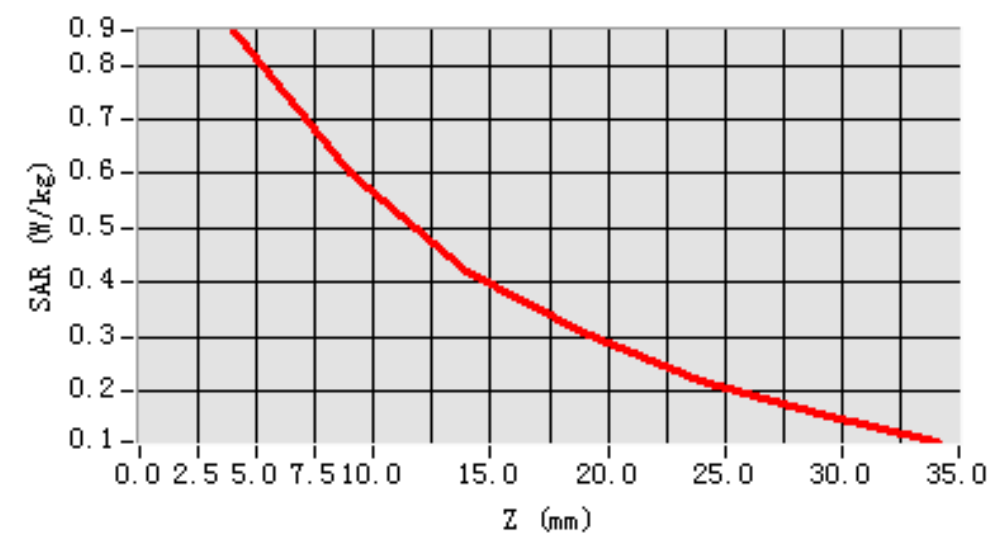


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.960317
SAR 1g (W/Kg)	0.614039

Z Axis Scan

SAR, Z Axis Scan (X = -25, Y = -11)





MEASUREMENT 10

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Left head
Device Position	Tilt
Band	GSM850
Channels	Low
Signal	GSM

B. Instrumentations.

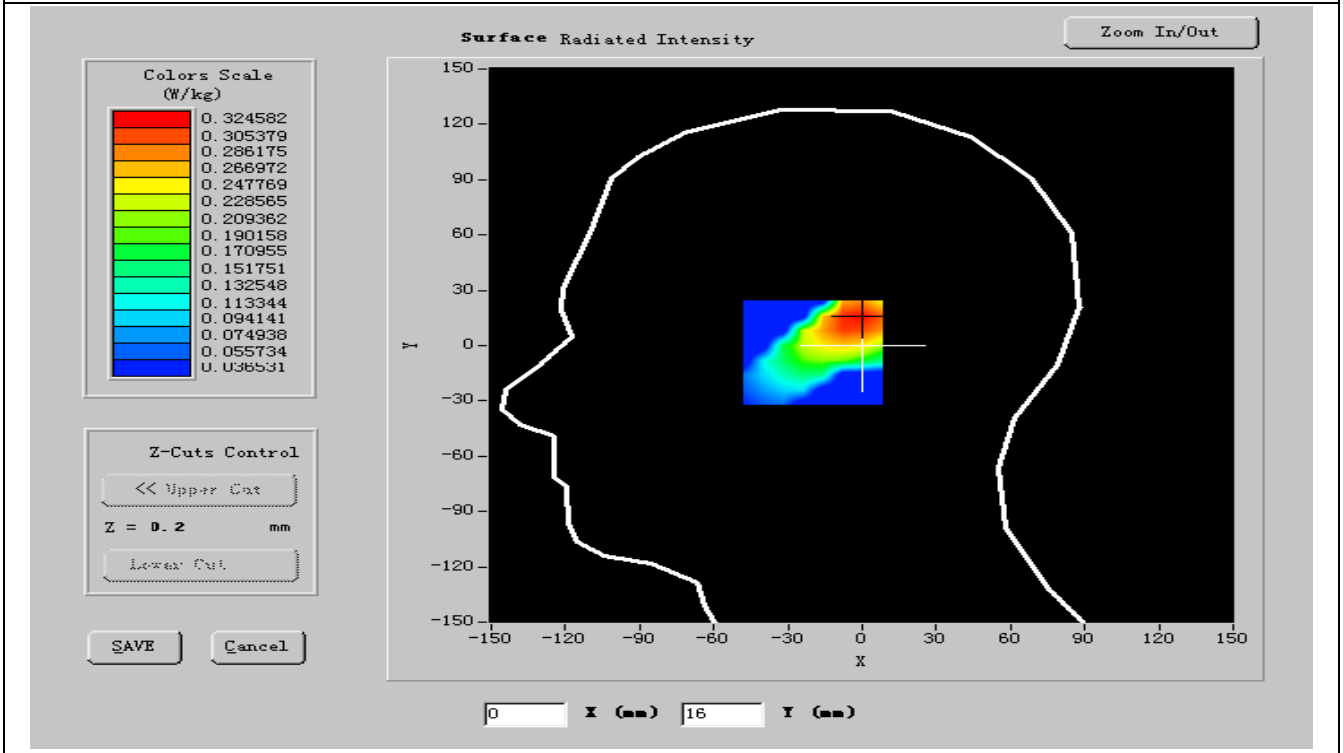
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

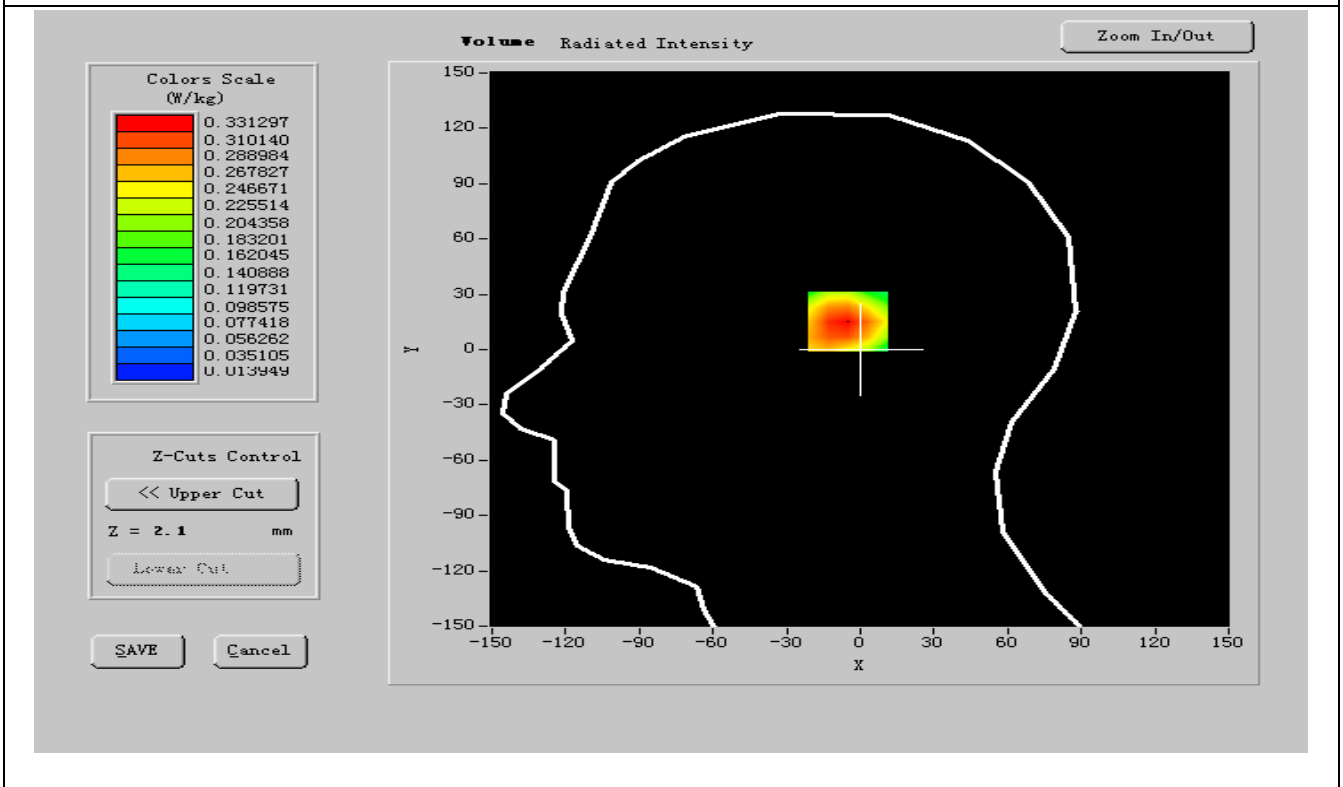
Frequency (MHz)	824.200000
Relative permittivity (real part)	41.466365
Relative permittivity (imaginary part)	19.511101
Conductivity (S/m)	0.923253
Variation (%)	-0.170000
Ambient Temperature:	21.2 °C
Liquid Temperature:	20.3°C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



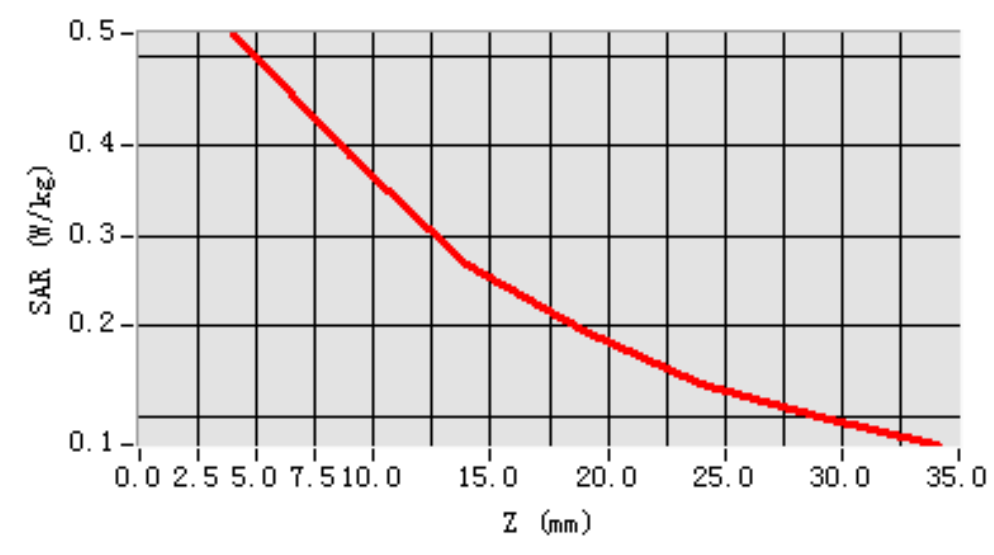


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.602703
SAR 1g (W/Kg)	0.447163

Z Axis Scan

SAR, Z Axis Scan (X = -22, Y = -6)





MEASUREMENT 11

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Left head
Device Position	Tilt
Band	GSM850
Channels	Middle
Signal	GSM

B. Instrumentations.

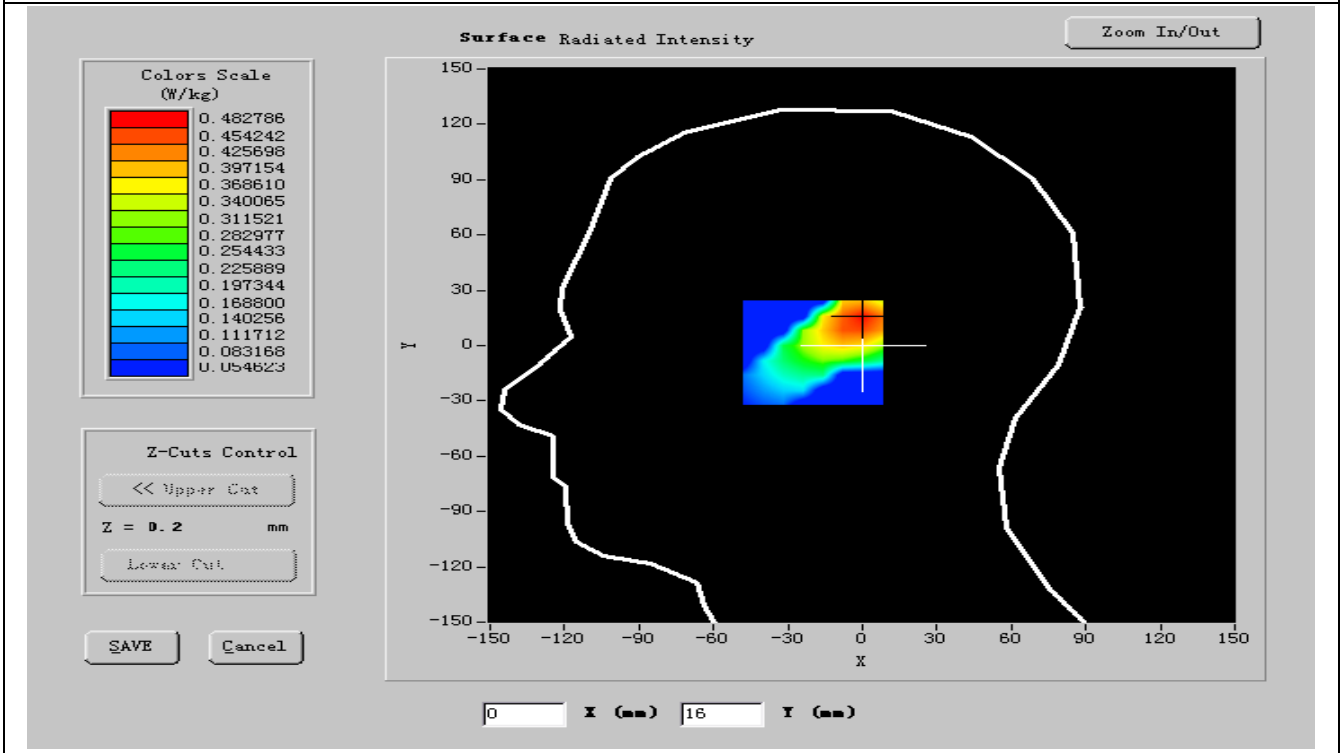
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

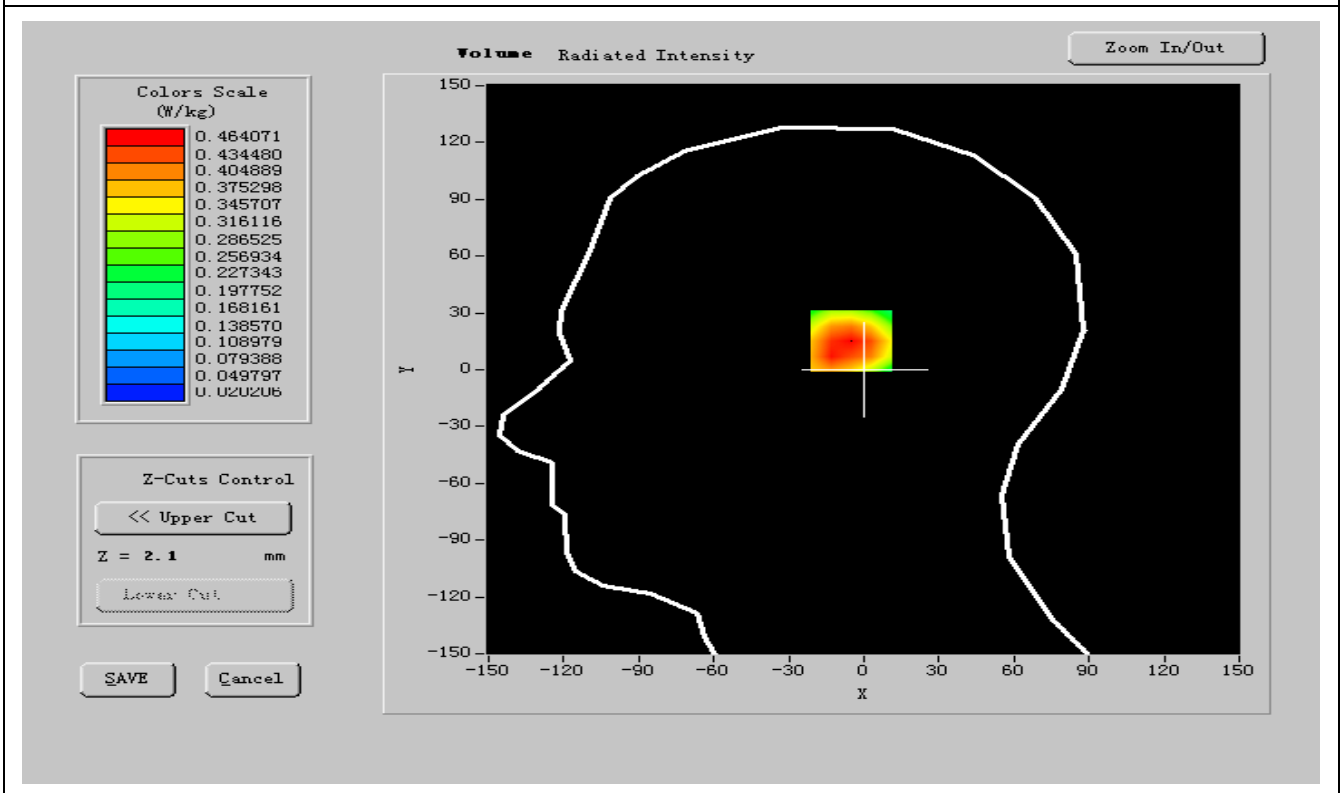
Frequency (MHz)	836.600000
Relative permittivity (real part)	41.462583
Relative permittivity (imaginary part)	19.511051
Conductivity (S/m)	0.917403
Variation (%)	-1.160000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



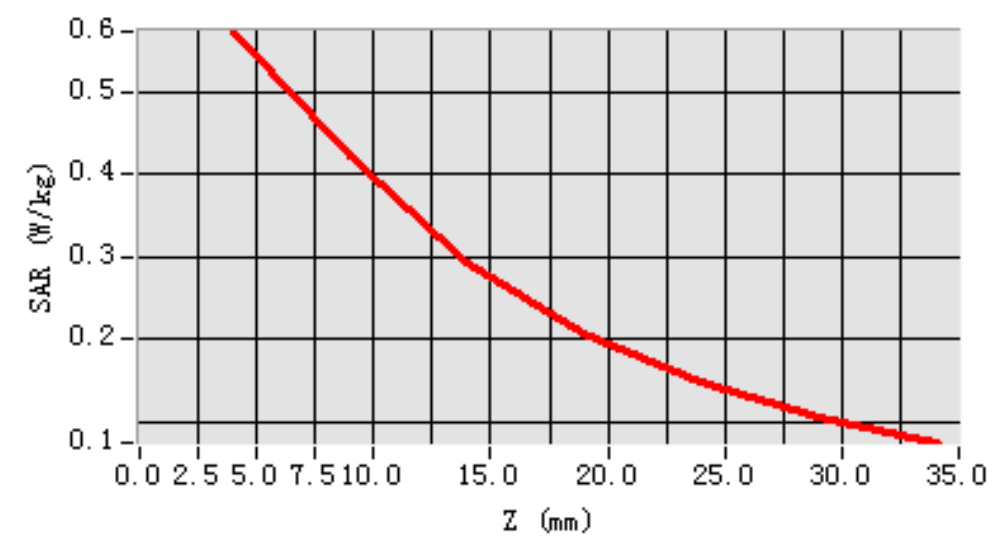


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.613670
SAR 1g (W/Kg)	0.427109

Z Axis Scan

SAR, Z Axis Scan (X = -22, Y = -6)





MEASUREMENT 12

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Left head
Device Position	Tilt
Band	GSM850
Channels	High
Signal	GSM

B. Instrumentations.

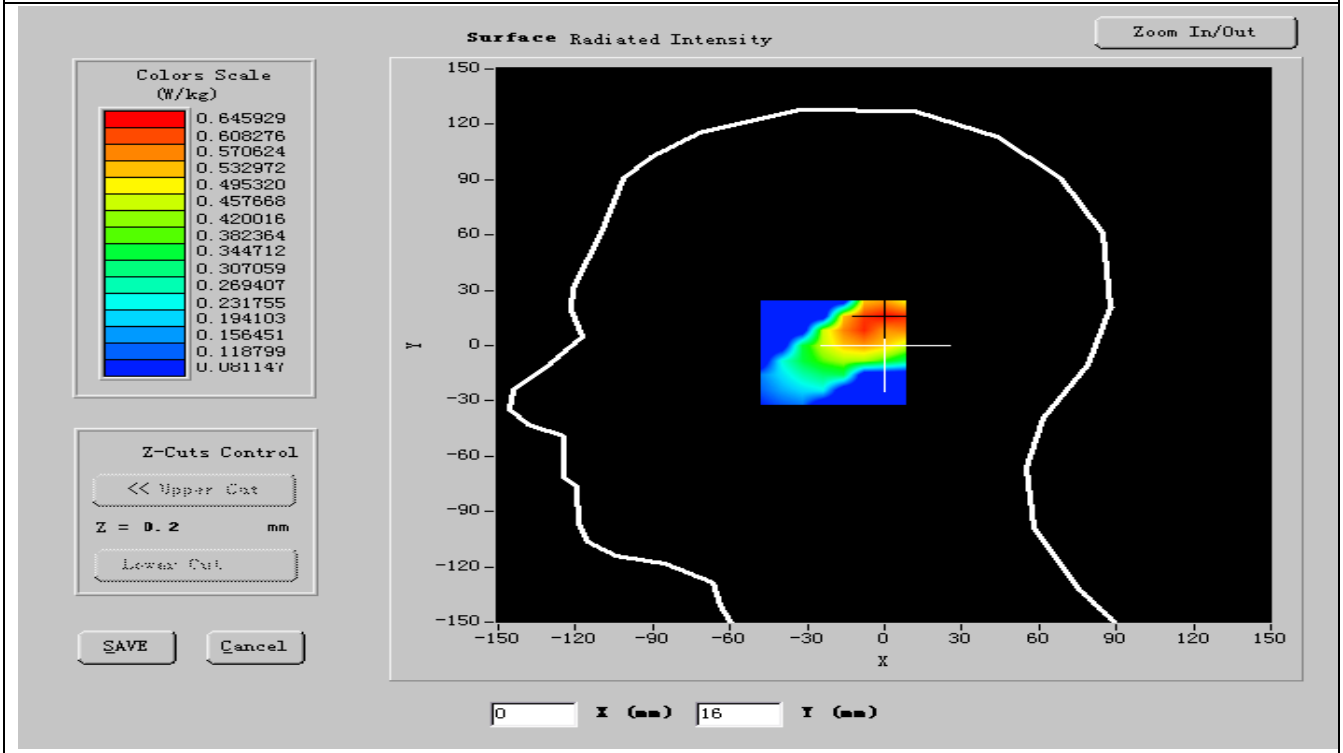
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

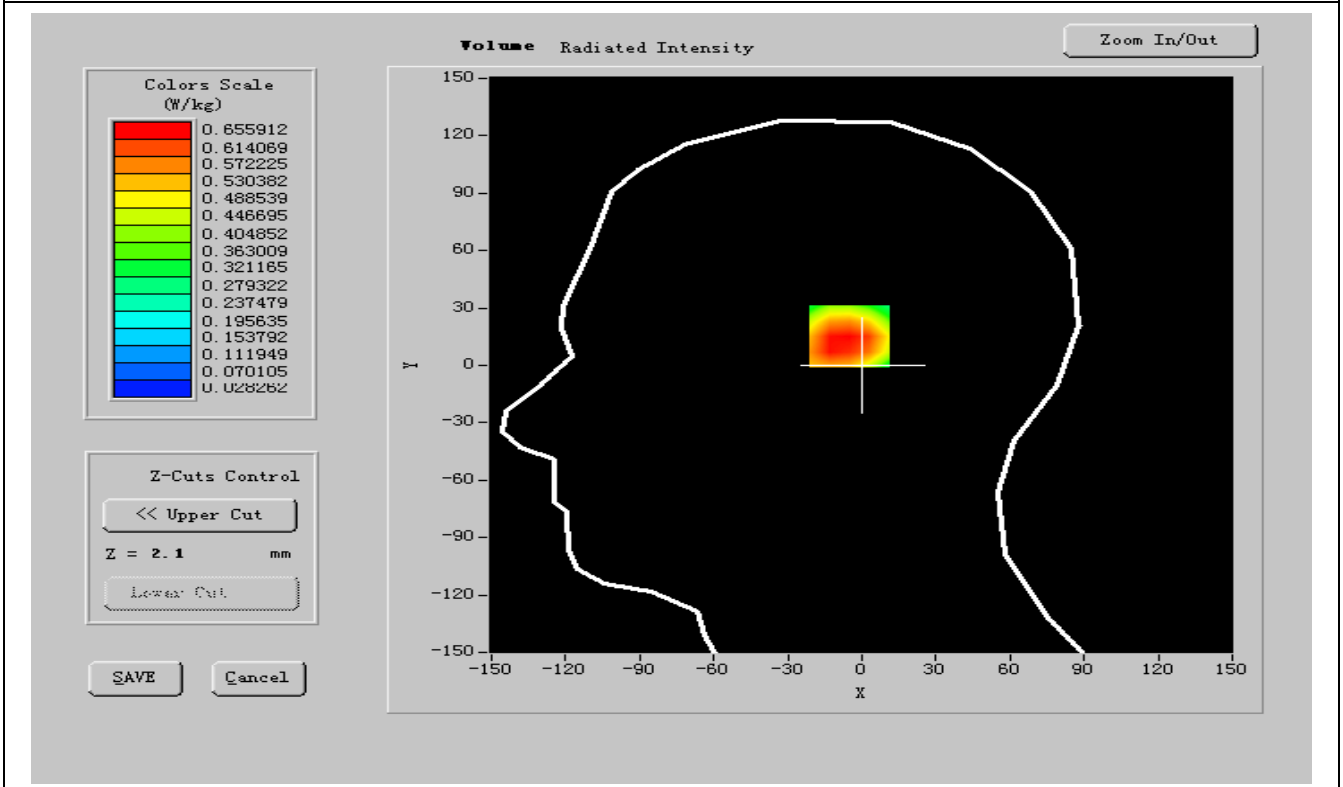
Frequency (MHz)	848.800000
Relative permittivity (real part)	41.261307
Relative permittivity (imaginary part)	19.592030
Conductivity (S/m)	0.926013
Variation (%)	-1.100000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.66, 20.51, 28.36
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



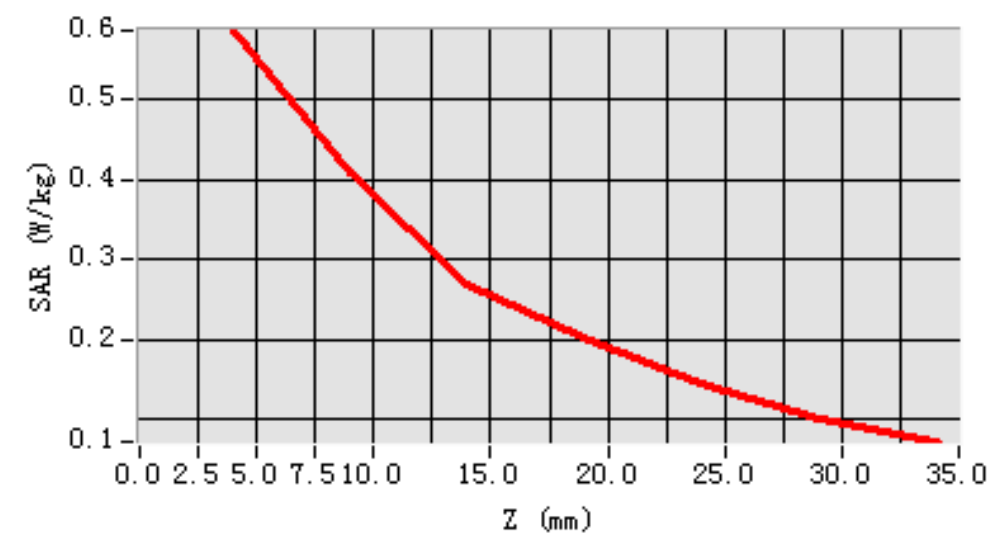


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.679632
SAR 1g (W/Kg)	0.461287

Z Axis Scan

SAR, Z Axis Scan (X = -22, Y = -6)





MEASUREMENT 13

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GSM850
Channels	Low
Signal	GSM

B. Instrumentations.

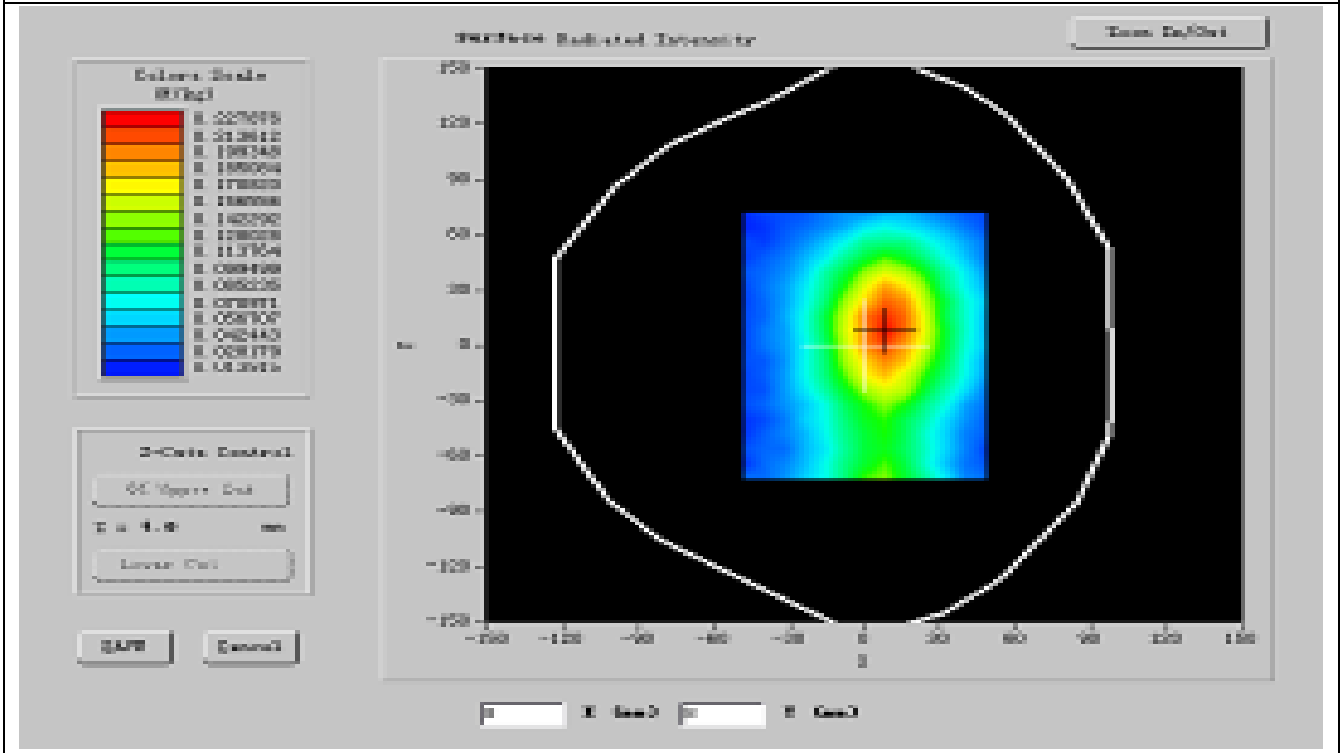
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

Frequency (MHz)	824.200000
Relative permittivity (real part)	56.537000
Relative permittivity (imaginary part)	21.651430
Conductivity (S/m)	0.927903
Variation (%)	-2.110000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8



SURFACE SAR



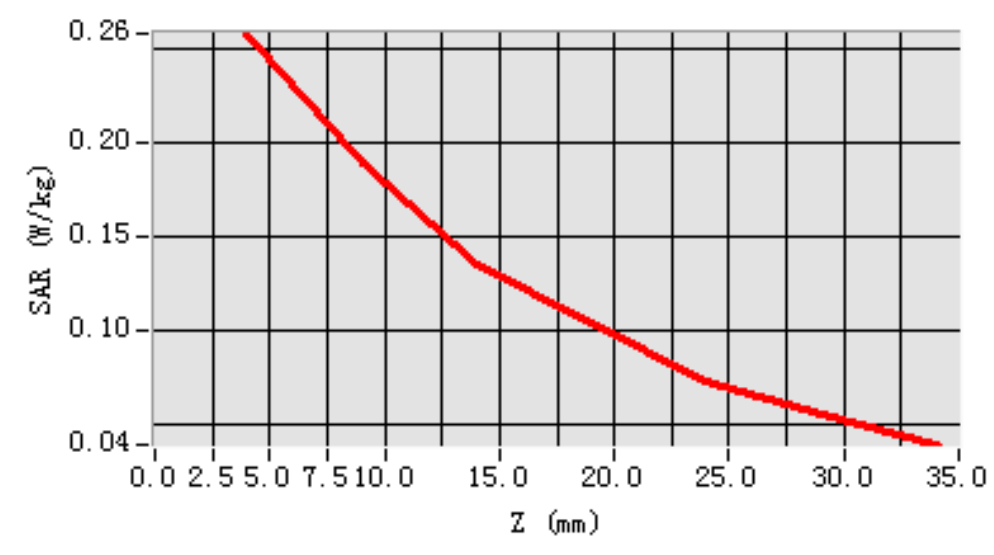


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.631679
SAR 1g (W/Kg)	0.351027

Z Axis Scan

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





MEASUREMENT 14

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GSM850
Channels	Middle
Signal	GSM

B. Instrumentations.

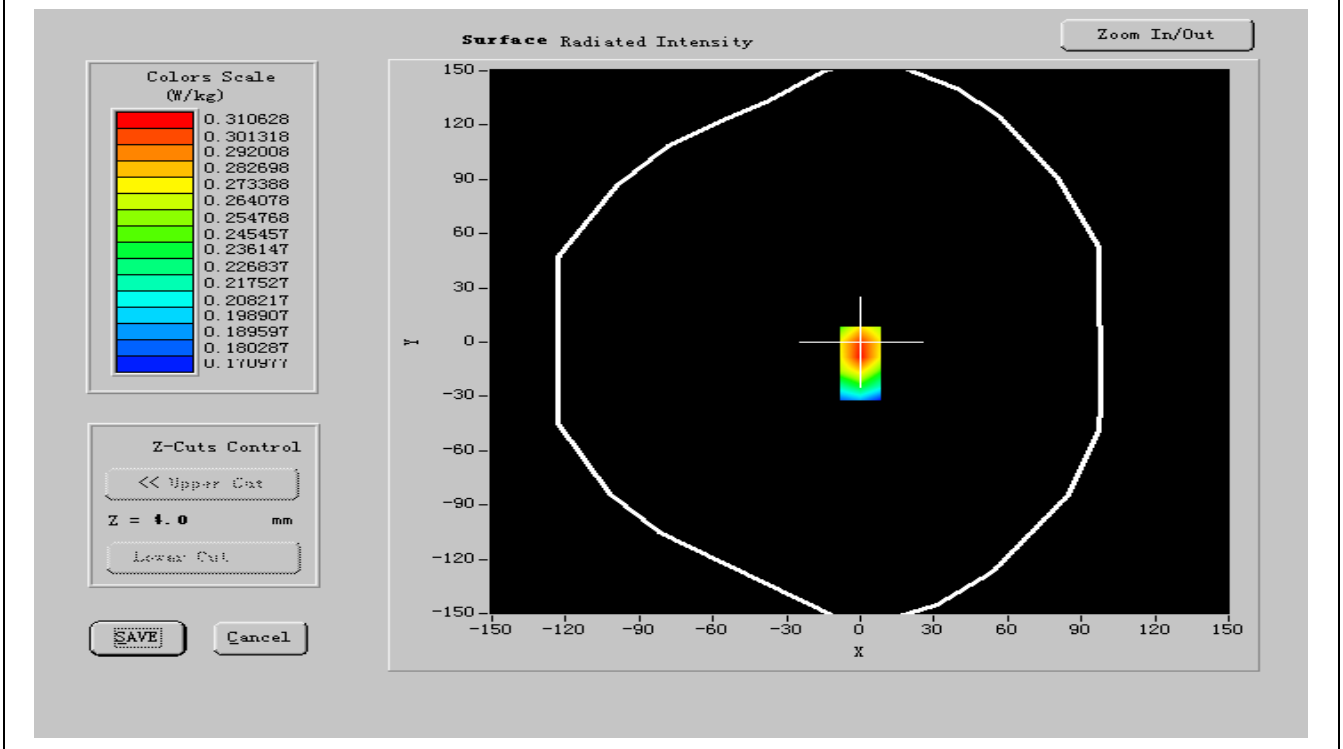
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

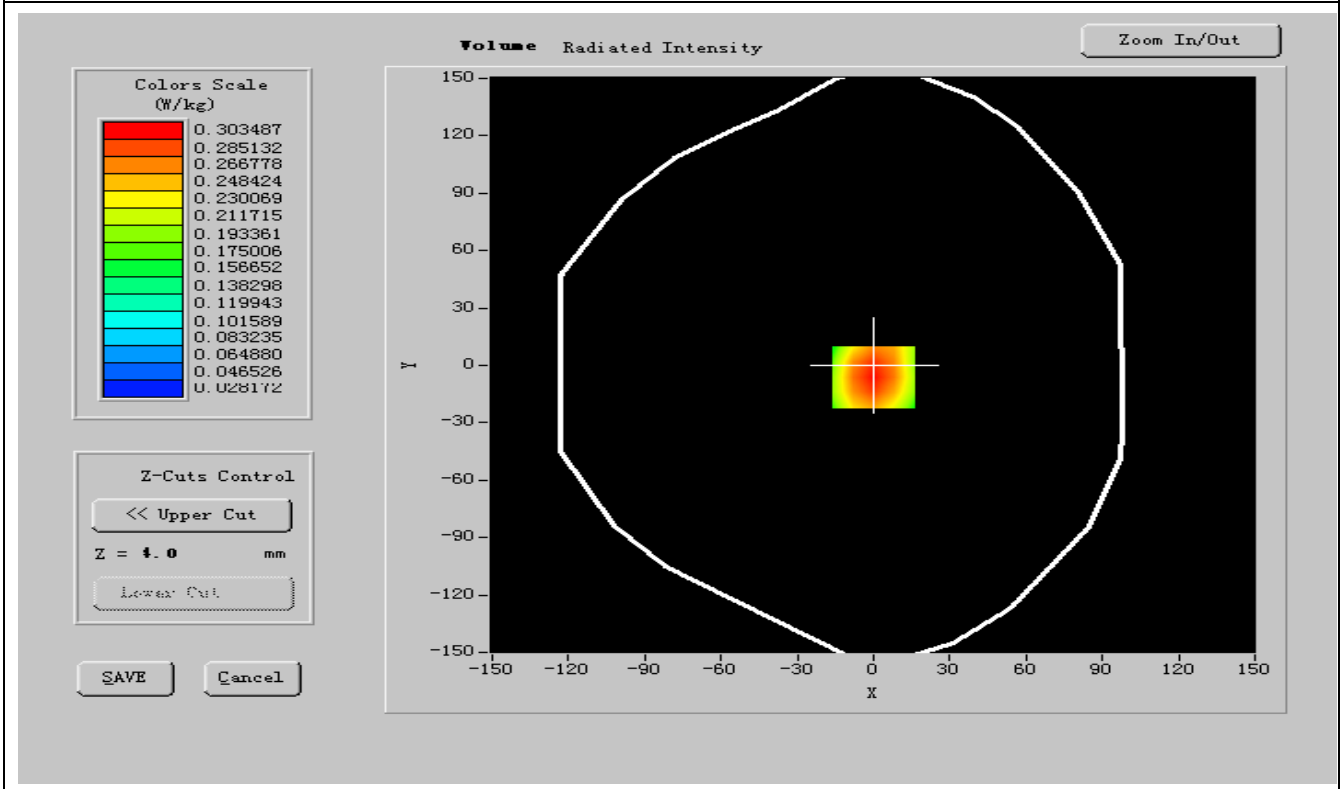
Frequency (MHz)	836.600000
Relative permittivity (real part)	56.581535
Relative permittivity (imaginary part)	21.863789
Conductivity (S/m)	0.982701
Variation (%)	-2.110000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



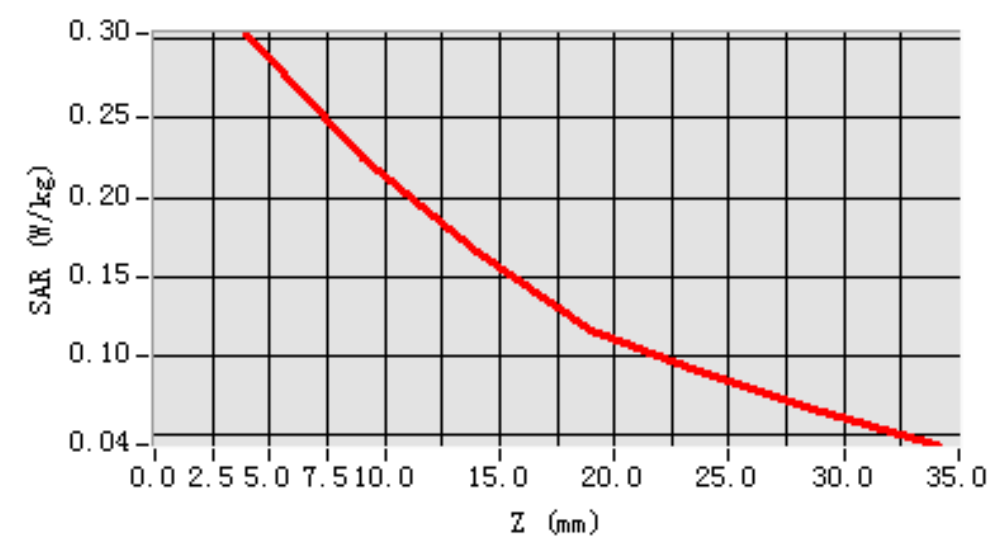


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.531904
SAR 1g (W/Kg)	0.301736

Z Axis Scan

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





MEASUREMENT 15

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GSM850
Channels	High
Signal	GSM

B. Instrumentations.

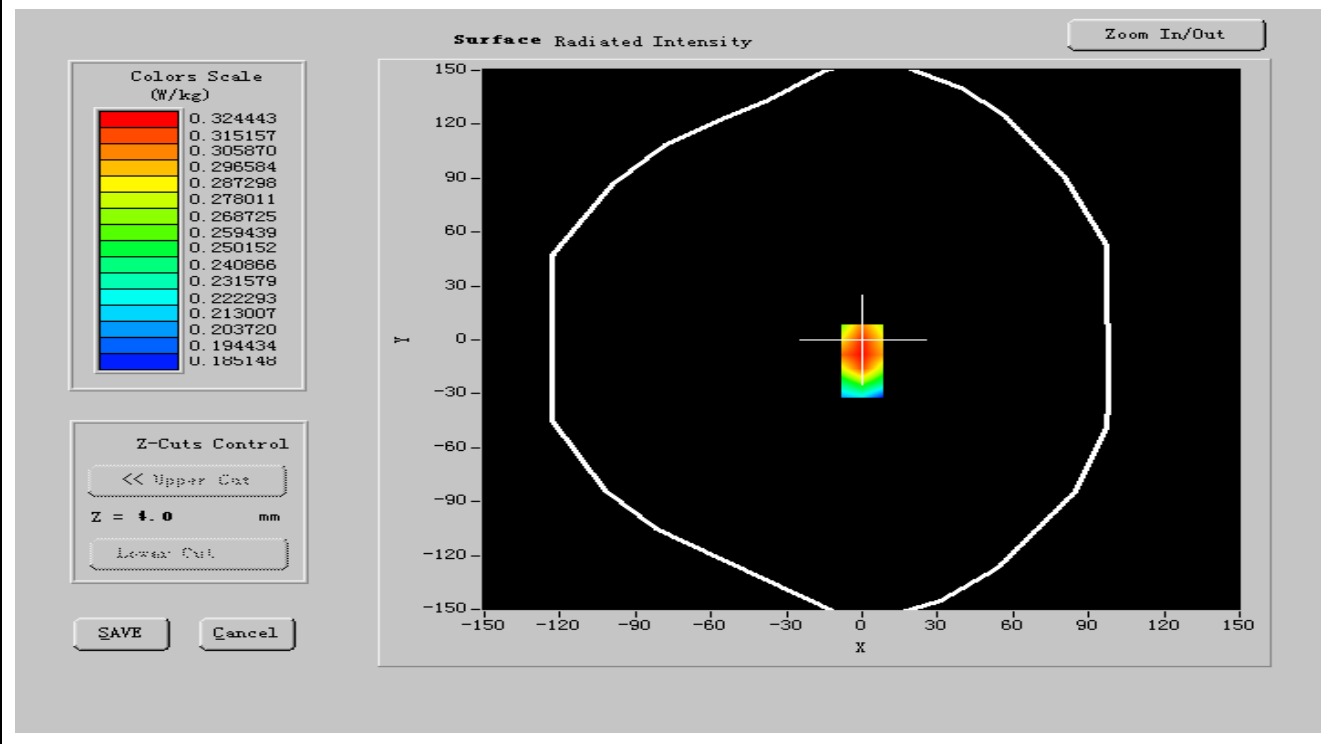
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

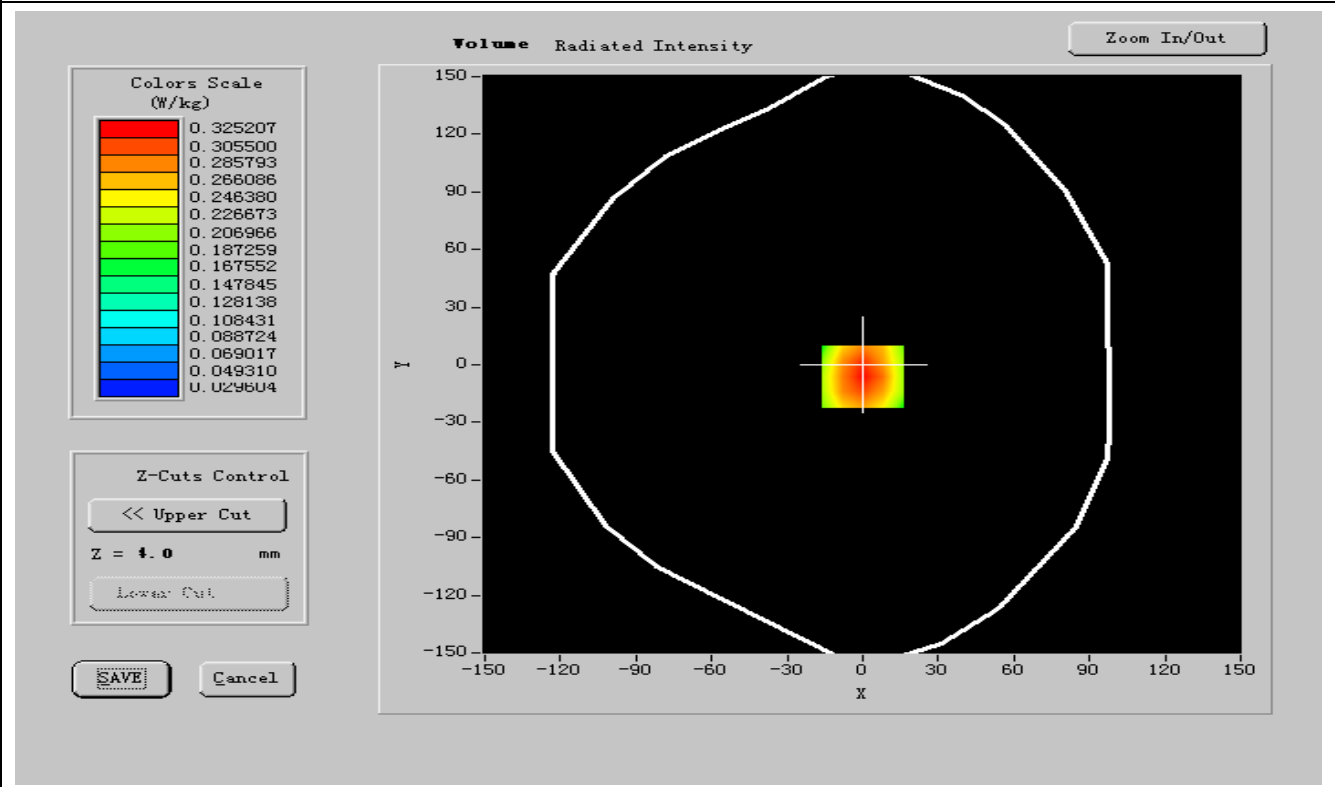
Frequency (MHz)	848.800000
Relative permittivity (real part)	56.503173
Relative permittivity (imaginary part)	21.721605
Conductivity (S/m)	0.981878
Variation (%)	-1.120000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



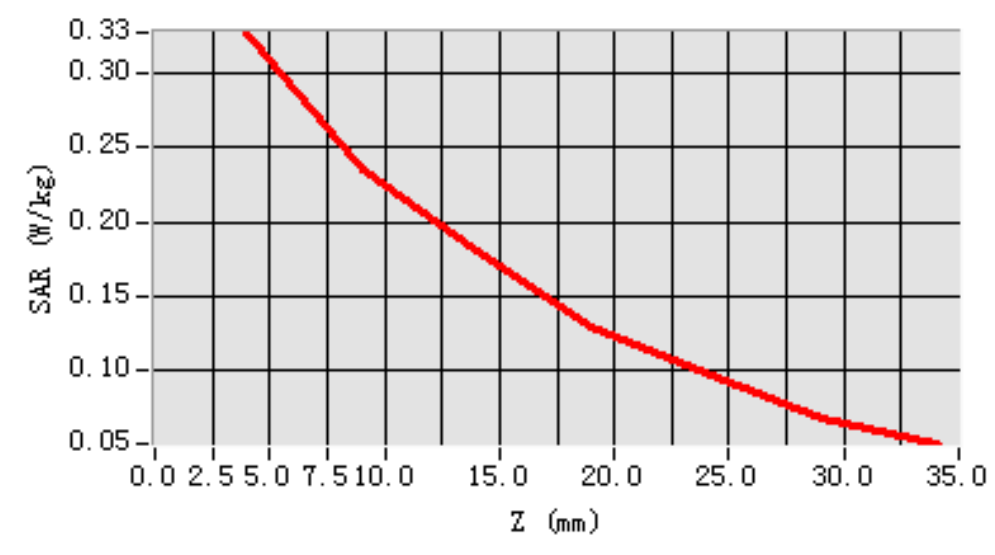


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.527068
SAR 1g (W/Kg)	0.330149

Z Axis Scan

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





MEASUREMENT 16

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GPRS850
Channels	Low
Signal	GPRS

B. Instrumentations.

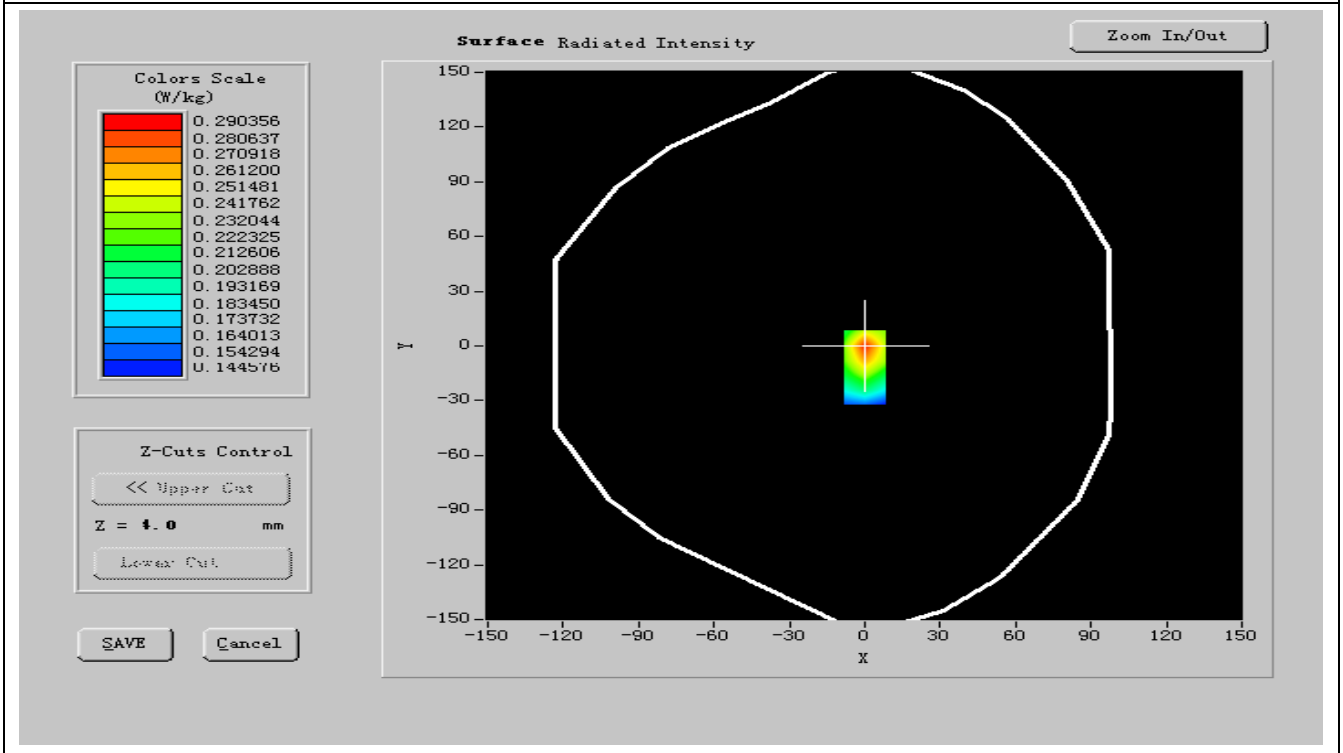
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

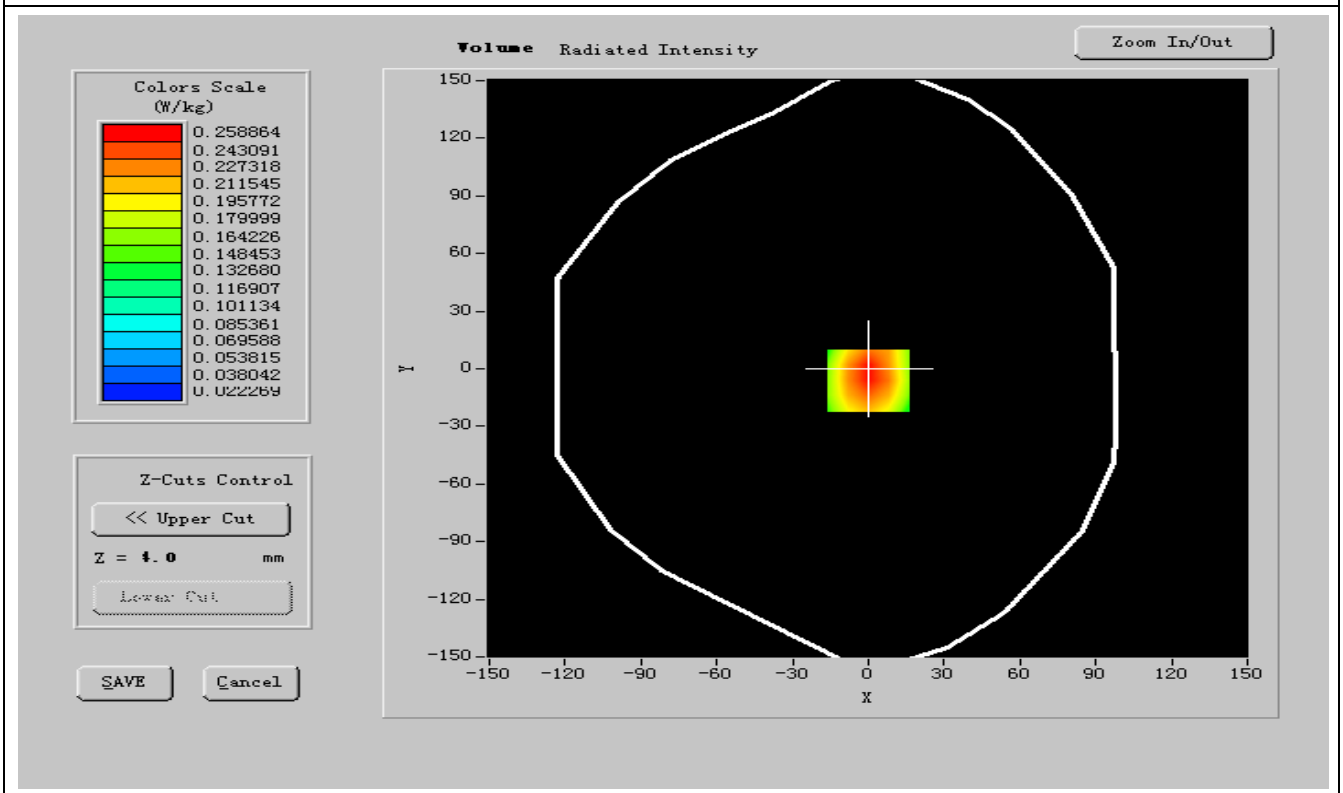
Frequency (MHz)	824.200000
Relative permittivity (real part)	56.582600
Relative permittivity (imaginary part)	21.176840
Conductivity (S/m)	0.971384
Variation (%)	-1.121000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2



SURFACE SAR



VOLUME SAR



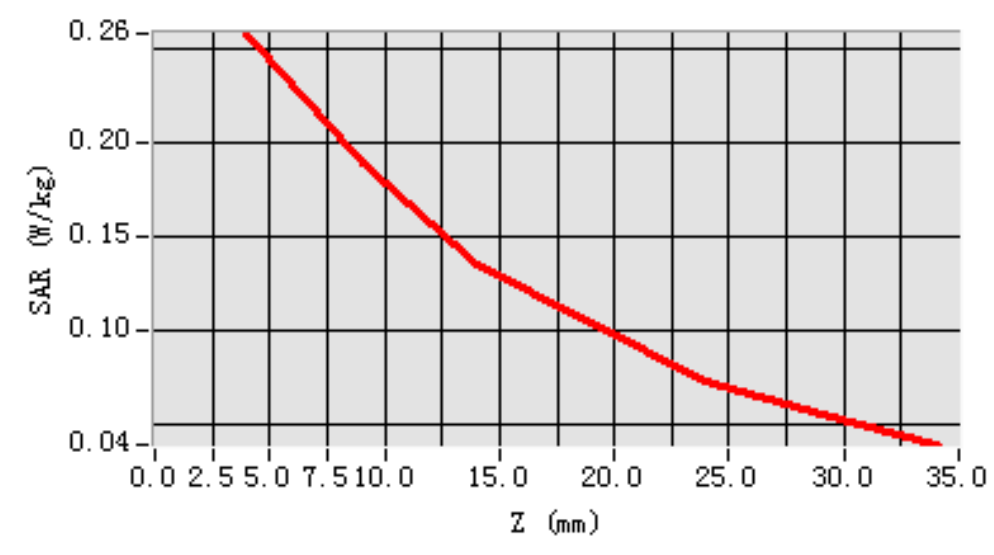


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.410243
SAR 1g (W/Kg)	0.365717

Z Axis Scan

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





MEASUREMENT 17

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GPRS850
Channels	Middle
Signal	GPRS

B. Instrumentations.

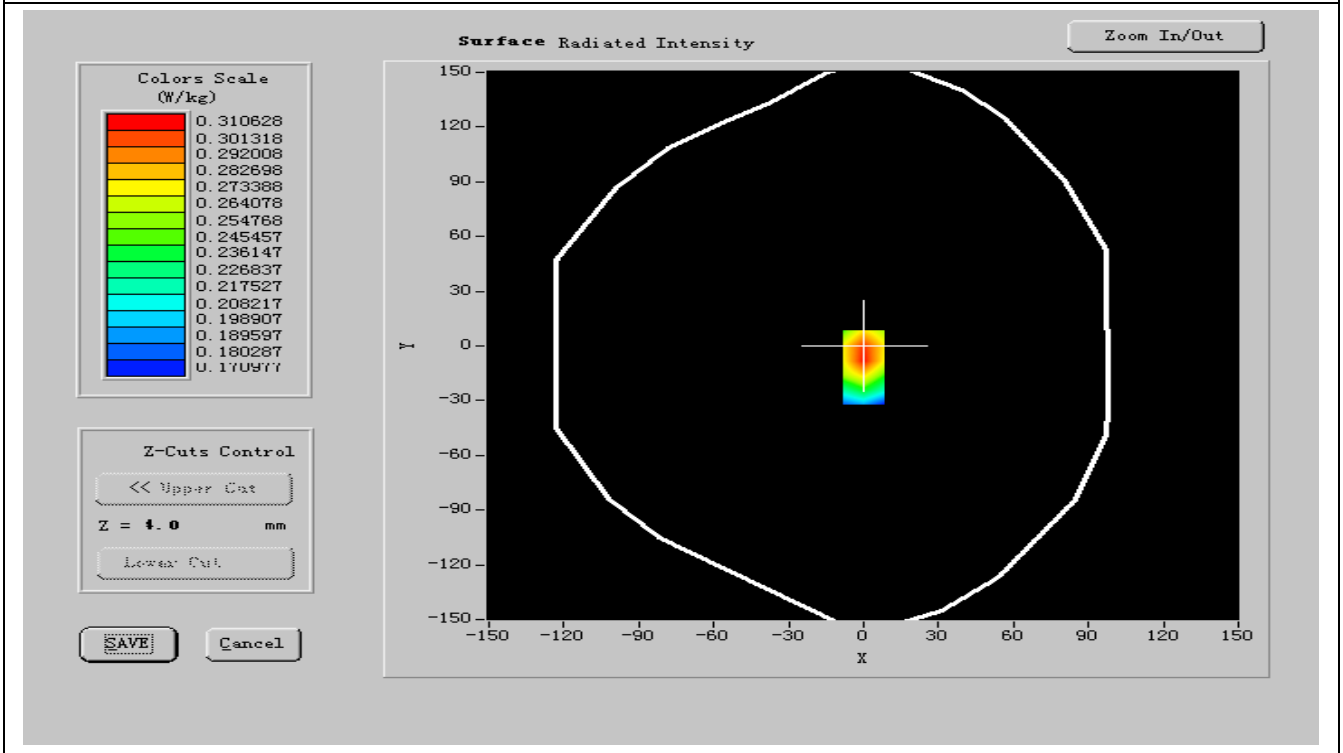
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

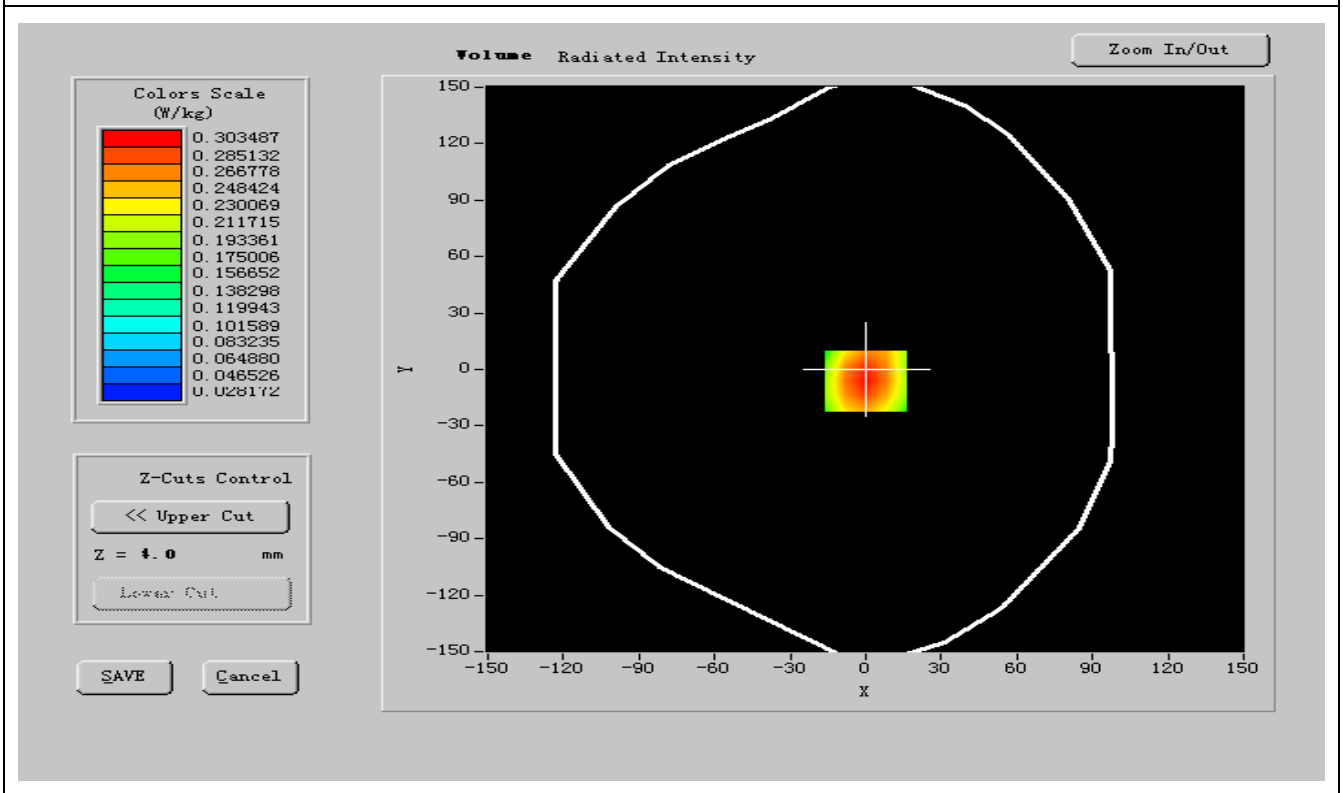
Frequency (MHz)	836.600000
Relative permittivity (real part)	55.501029
Relative permittivity (imaginary part)	21.861669
Conductivity (S/m)	1.006023
Variation (%)	-0.200000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2



SURFACE SAR



VOLUME SAR



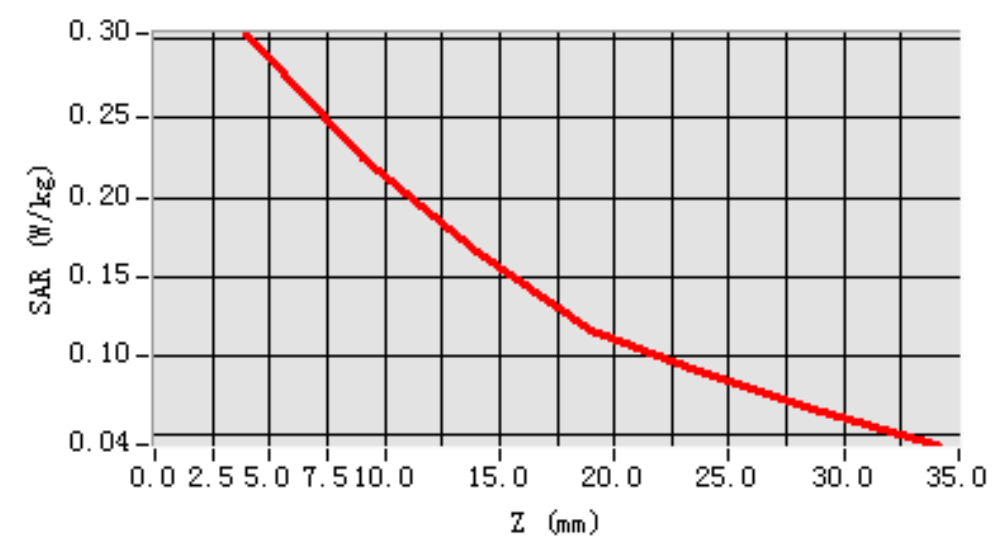


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.580716
SAR 1g (W/Kg)	0.326103

Z Axis Scan

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





MEASUREMENT 18

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GPRS850
Channels	High
Signal	GPRS

B. Instrumentations.

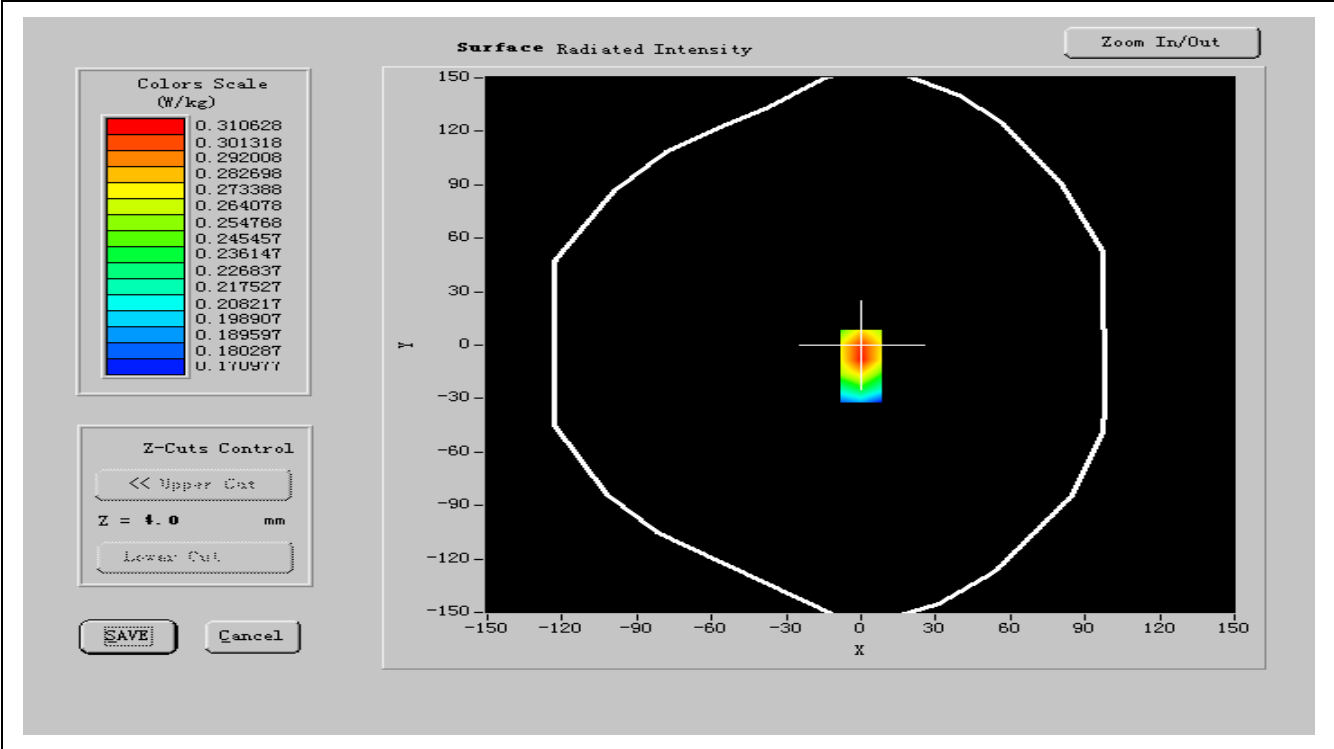
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

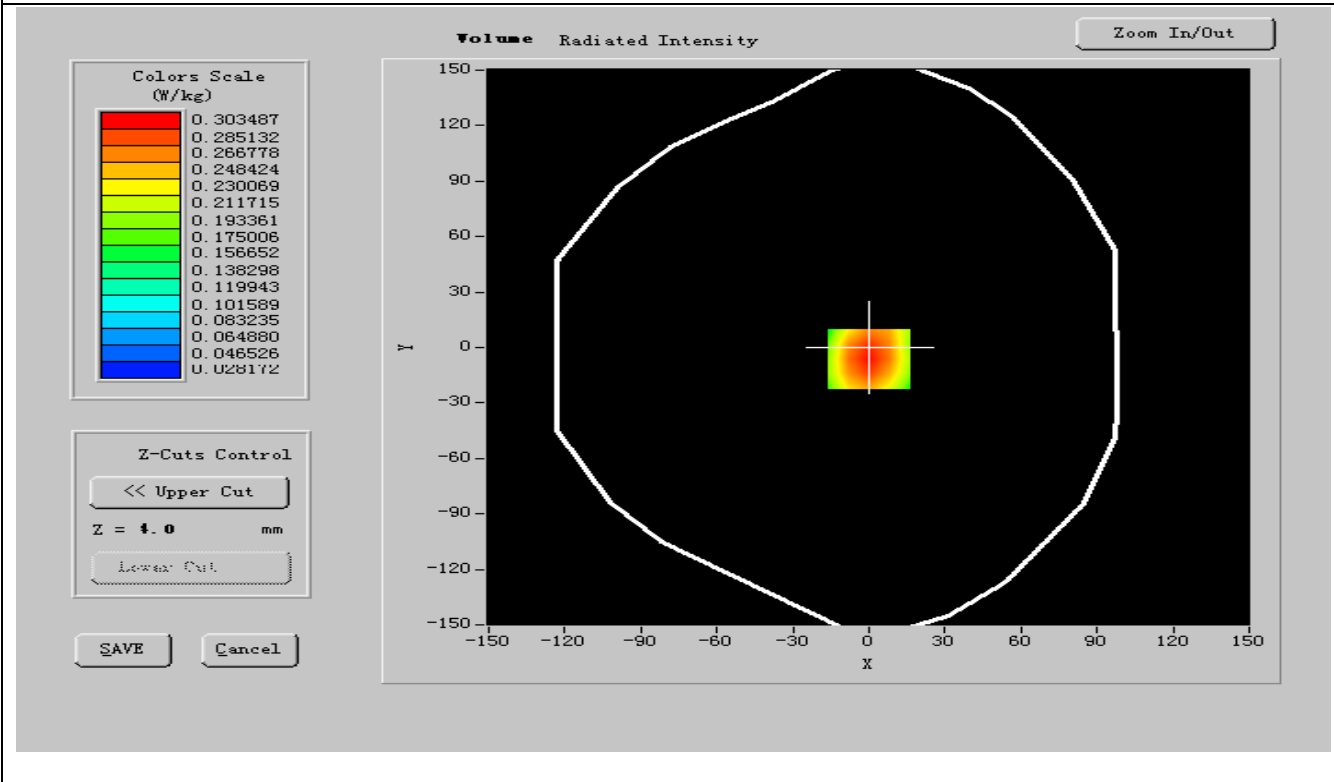
Frequency (MHz)	848.800000
Relative permittivity (real part)	55.561867
Relative permittivity (imaginary part)	21.726109
Conductivity (S/m)	0.971408
Variation (%)	-0.221000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2



SURFACE SAR



VOLUME SAR



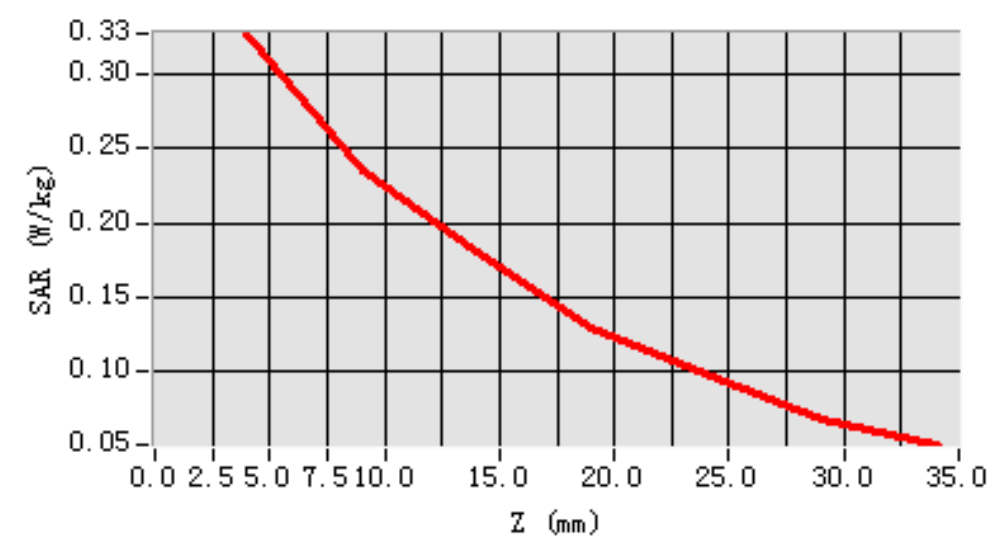


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.540562
SAR 1g (W/Kg)	0.380174

Z Axis Scan

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





MEASUREMENT 19

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GSM850
Channels	Low
Signal	GSM

B. Instrumentations.

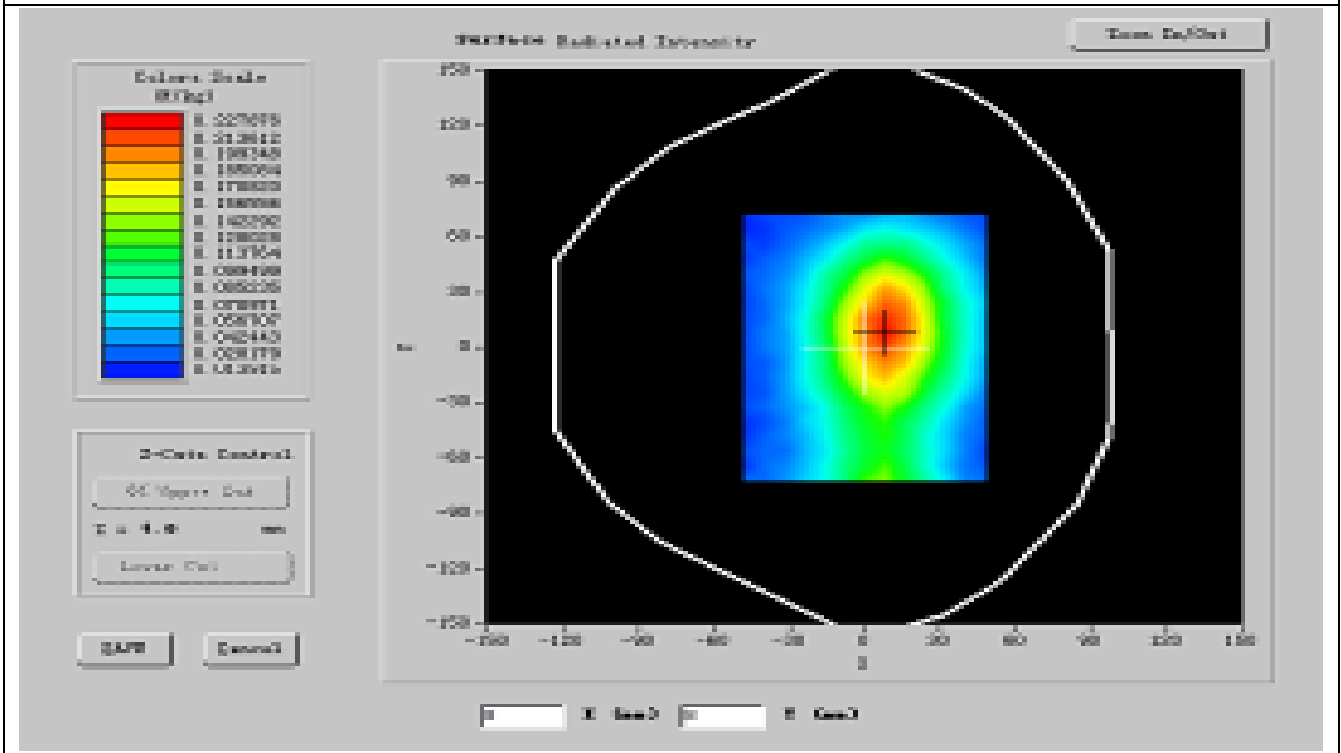
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

Frequency (MHz)	824.200000
Relative permittivity (real part)	56.512700
Relative permittivity (imaginary part)	21.653170
Conductivity (S/m)	0.917589
Variation (%)	-2.100000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8



SURFACE SAR



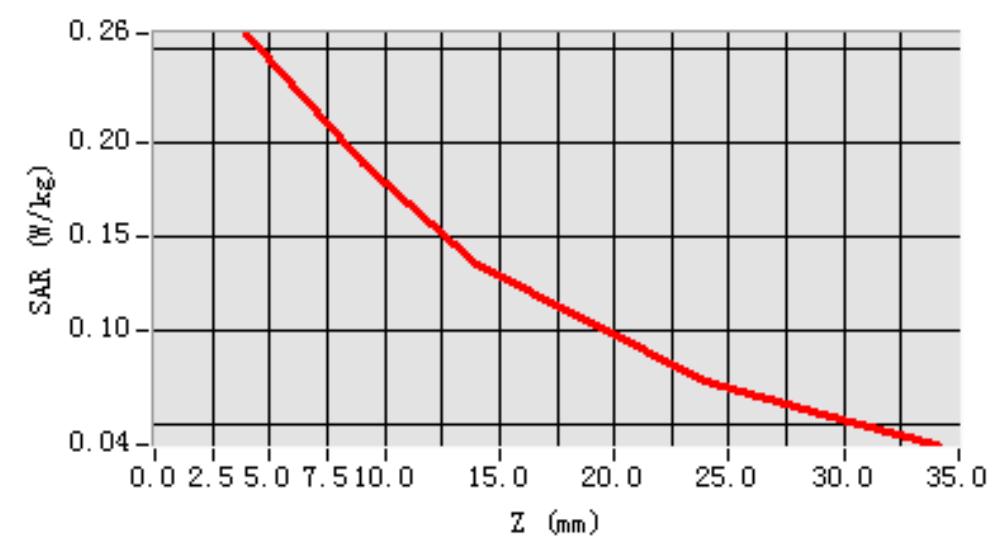


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.571401
SAR 1g (W/Kg)	0.280207

Z Axis Scan

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





MEASUREMENT 20

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GSM850
Channels	Middle
Signal	GSM

B. Instrumentations.

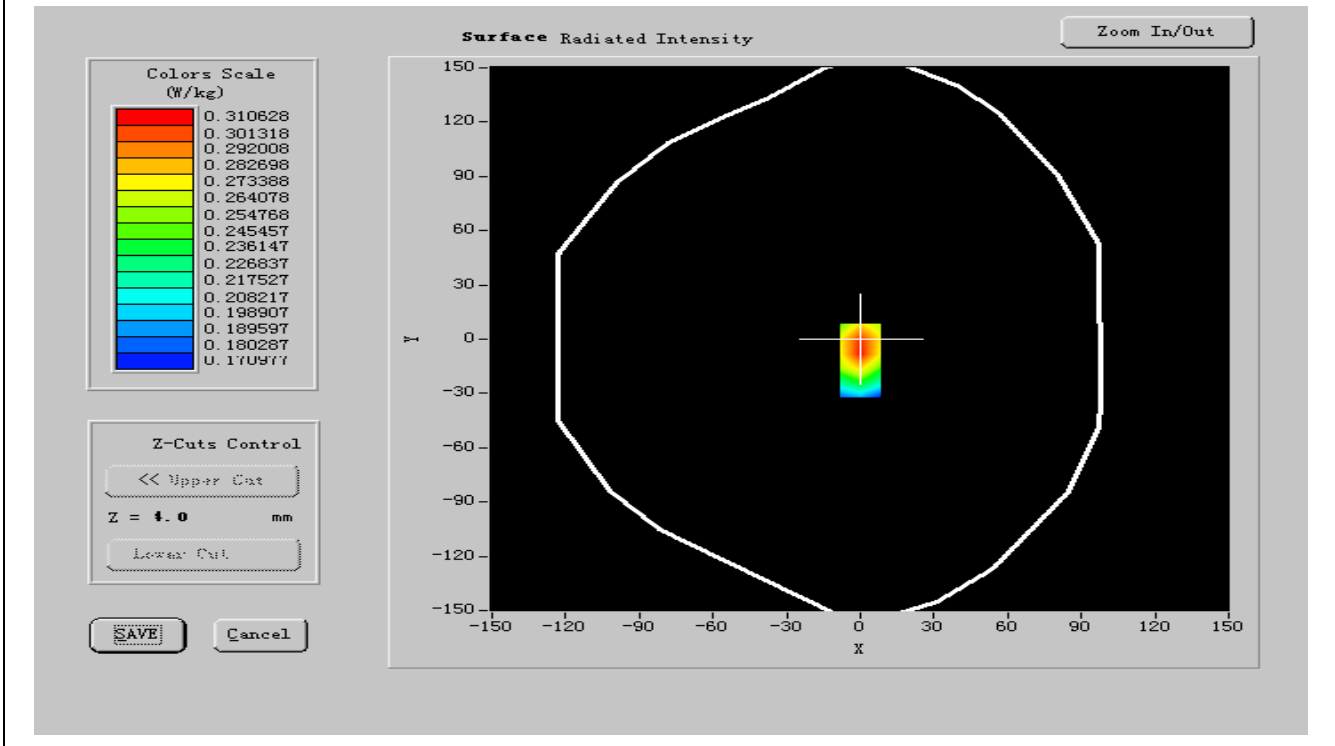
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

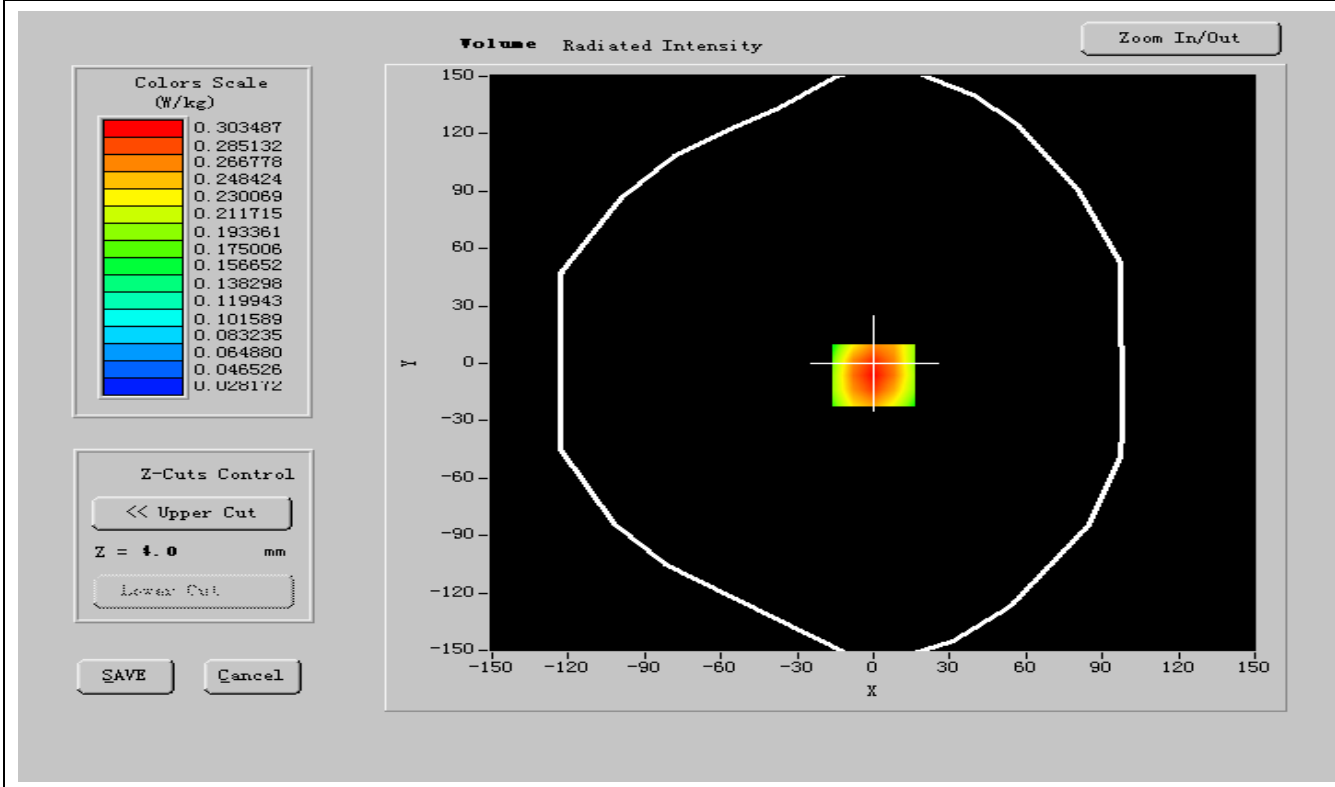
Frequency (MHz)	836.600000
Relative permittivity (real part)	56.501545
Relative permittivity (imaginary part)	21.812707
Conductivity (S/m)	0.986069
Variation (%)	-2.110000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



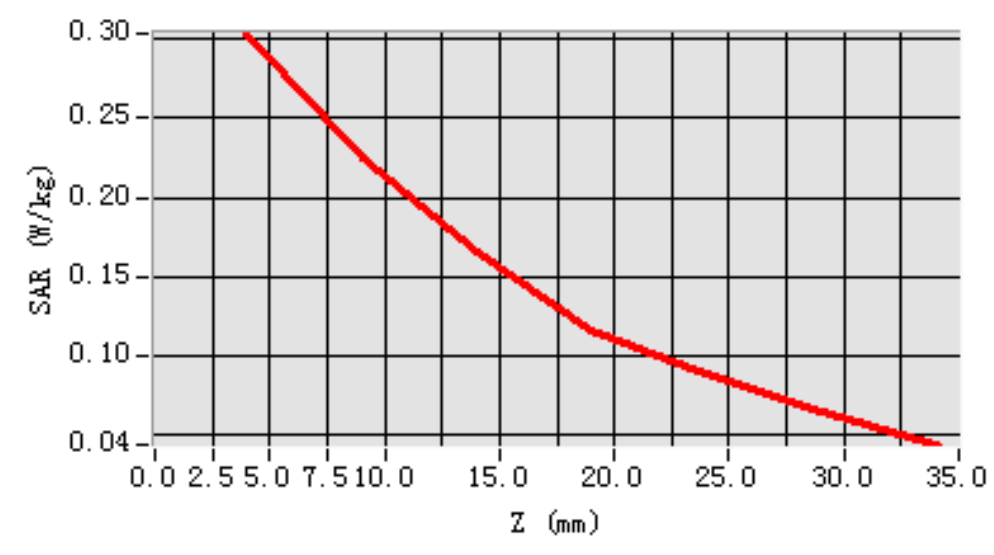


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.520717
SAR 1g (W/Kg)	0.343166

Z Axis Scan

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





MEASUREMENT 21

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GSM850
Channels	High
Signal	GSM

B. Instrumentations.

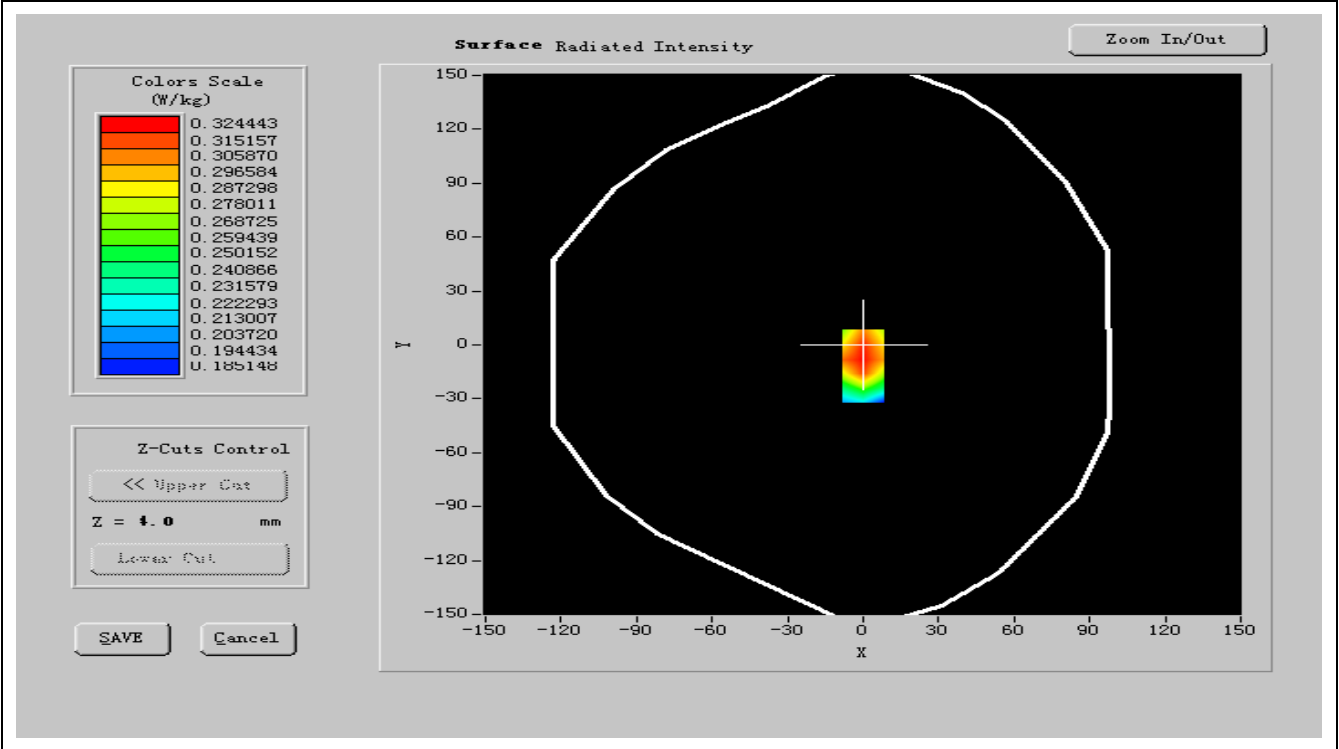
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

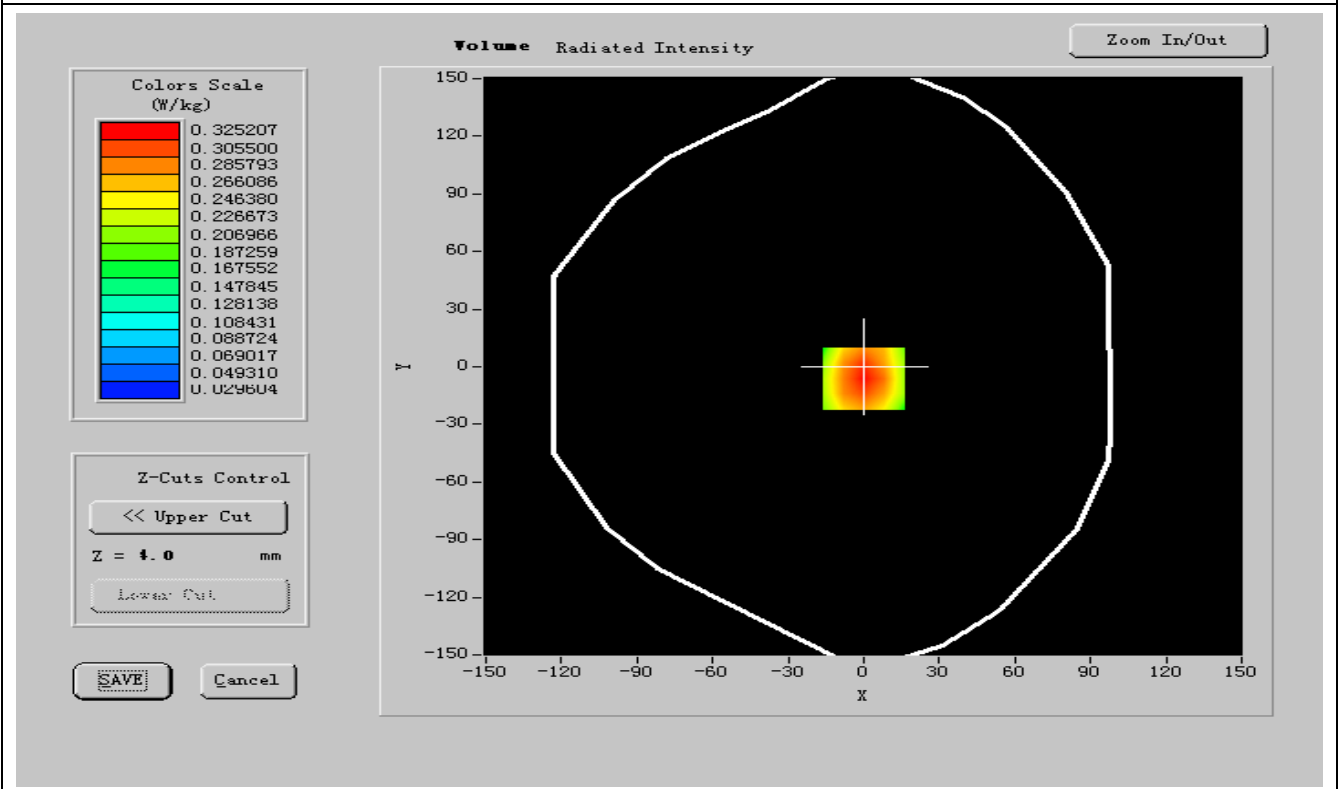
Frequency (MHz)	848.800000
Relative permittivity (real part)	56.508373
Relative permittivity (imaginary part)	21.721064
Conductivity (S/m)	0.981379
Variation (%)	-1.120000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:8



SURFACE SAR



VOLUME SAR



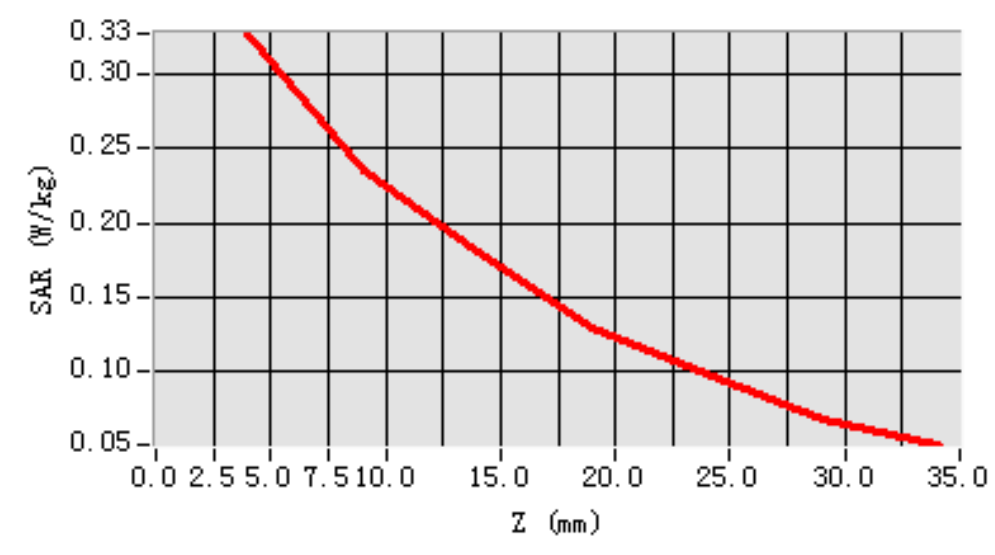


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.531619
SAR 1g (W/Kg)	0.363101

Z Axis Scan

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





MEASUREMENT 22

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GPRS850
Channels	Low
Signal	GPRS

B. Instrumentations.

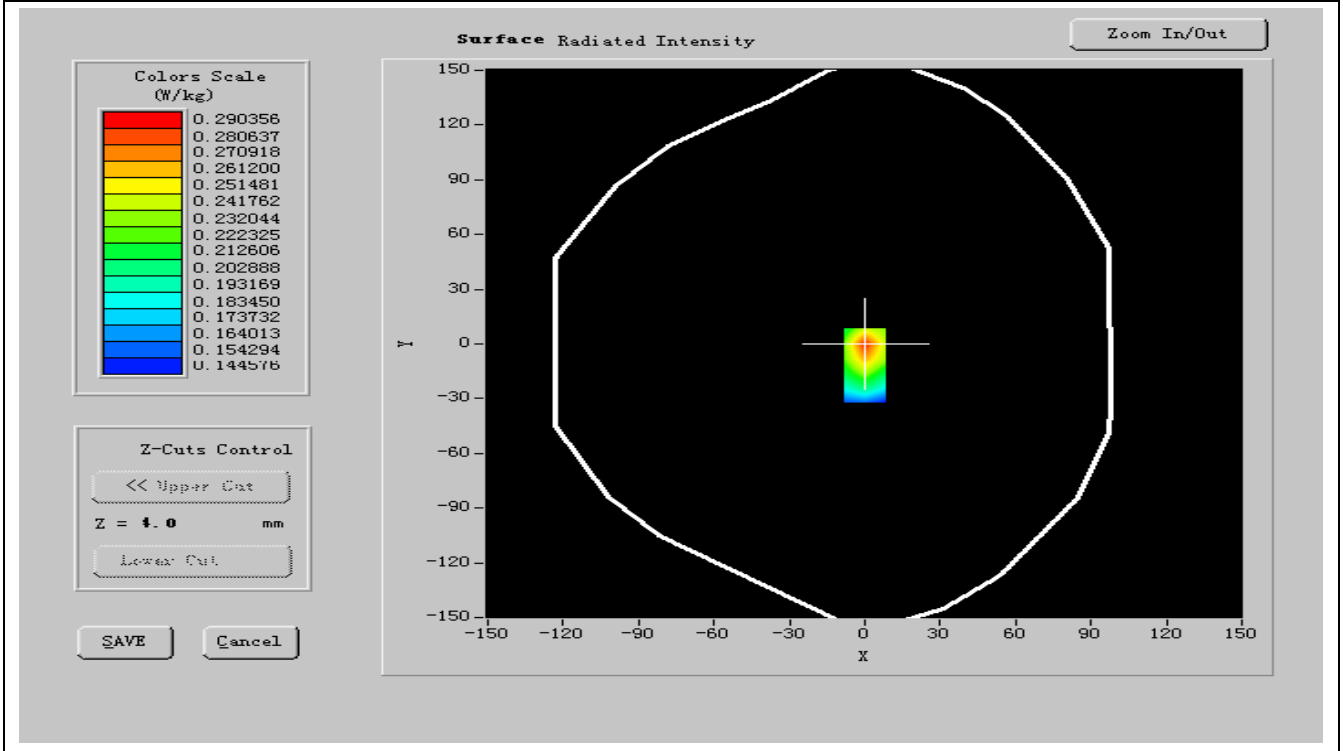
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibration Due: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibration Due: 05/25/2011
Network Analyzer	Agilent(E5071B, MY42301382)	Calibration Due: 03/24/2011
Voltmeter	Keithley (2000, SN:1015843)	Calibration Due: 05/25/2011
Signal Generator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

C. SAR Measurement Results

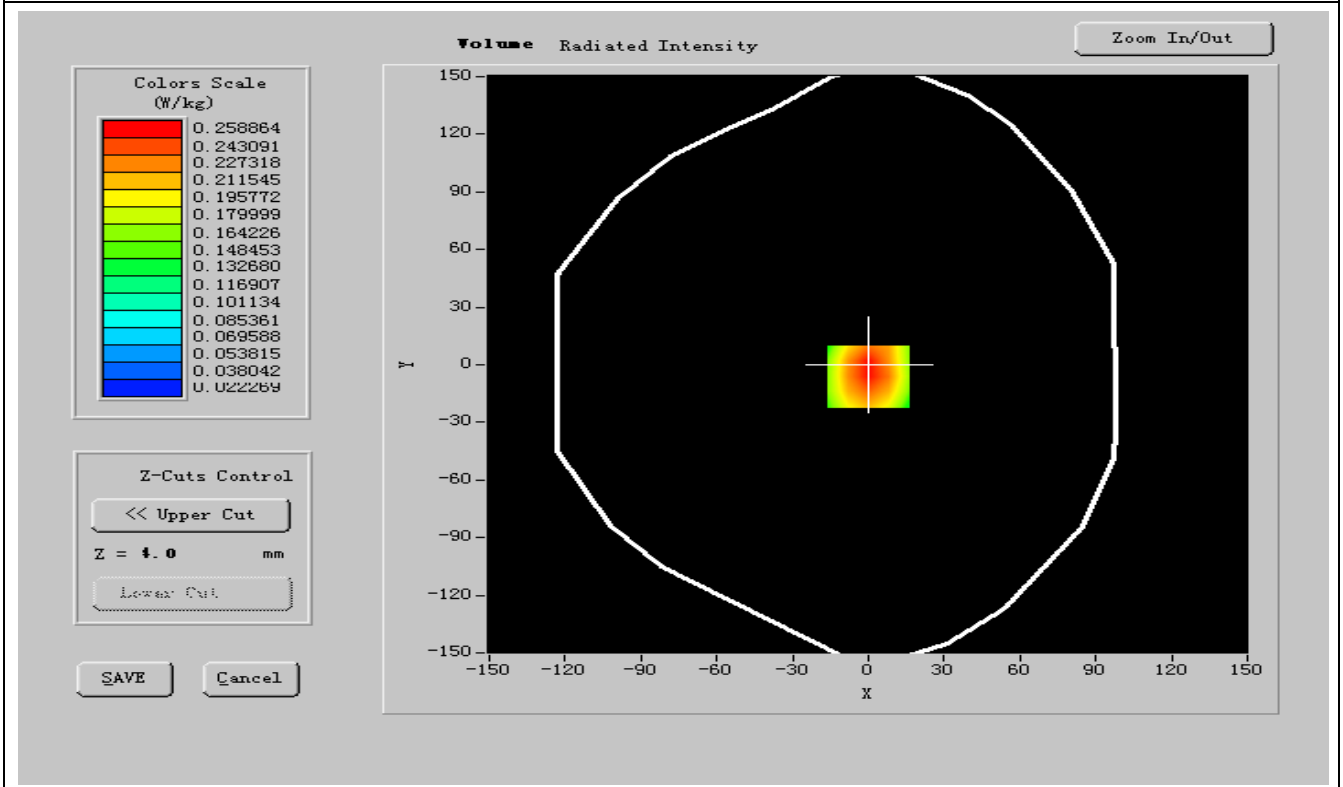
Frequency (MHz)	824.200000
Relative permittivity (real part)	56.519020
Relative permittivity (imaginary part)	21.650316
Conductivity (S/m)	0.925492
Variation (%)	-1.120000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2



SURFACE SAR



VOLUME SAR



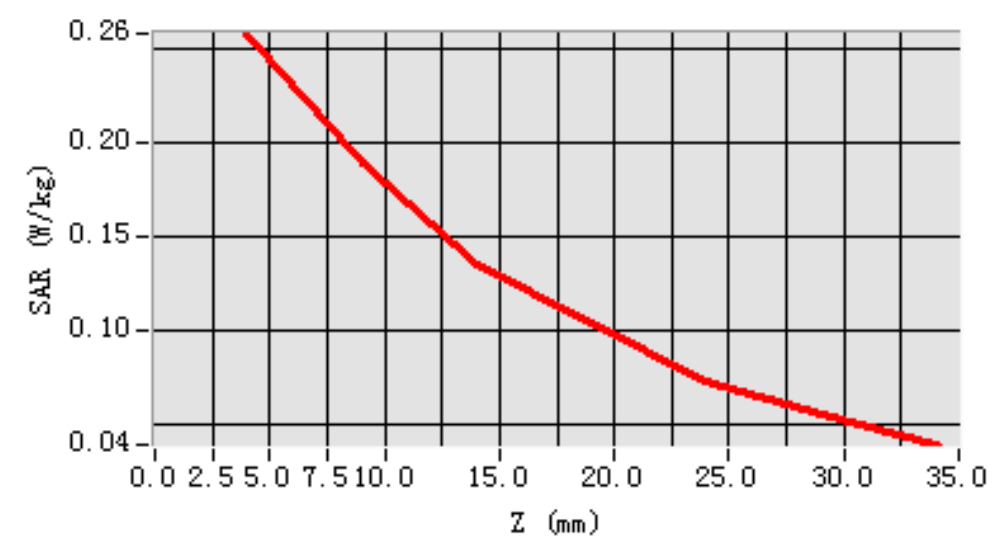


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.529546
SAR 1g (W/Kg)	0.292183

Z Axis Scan

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





MEASUREMENT 23

Date of measurement: 01/19/2011

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.

Phantom File	zinf15.txt, Adaptive 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GPRS850
Channels	Middle
Signal	GPRS

B. Instrumentations.

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

C. SAR Measurement Results

Frequency (MHz)	836.600000
Relative permittivity (real part)	55.501409
Relative permittivity (imaginary part)	21.860219
Conductivity (S/m)	1.006172
Variation (%)	-0.200000
Ambient Temperature:	21.3 °C
Liquid Temperature:	20.4 °C
ConvF:	20.00, 19.88, 27.77
Crest factor:	1:2