



MEASUREMENT 6

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	846.799000
Relative permittivity (real part)	41.418764
Relative permittivity (imaginary part)	19.585448
Conductivity (S/m)	0.922041
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



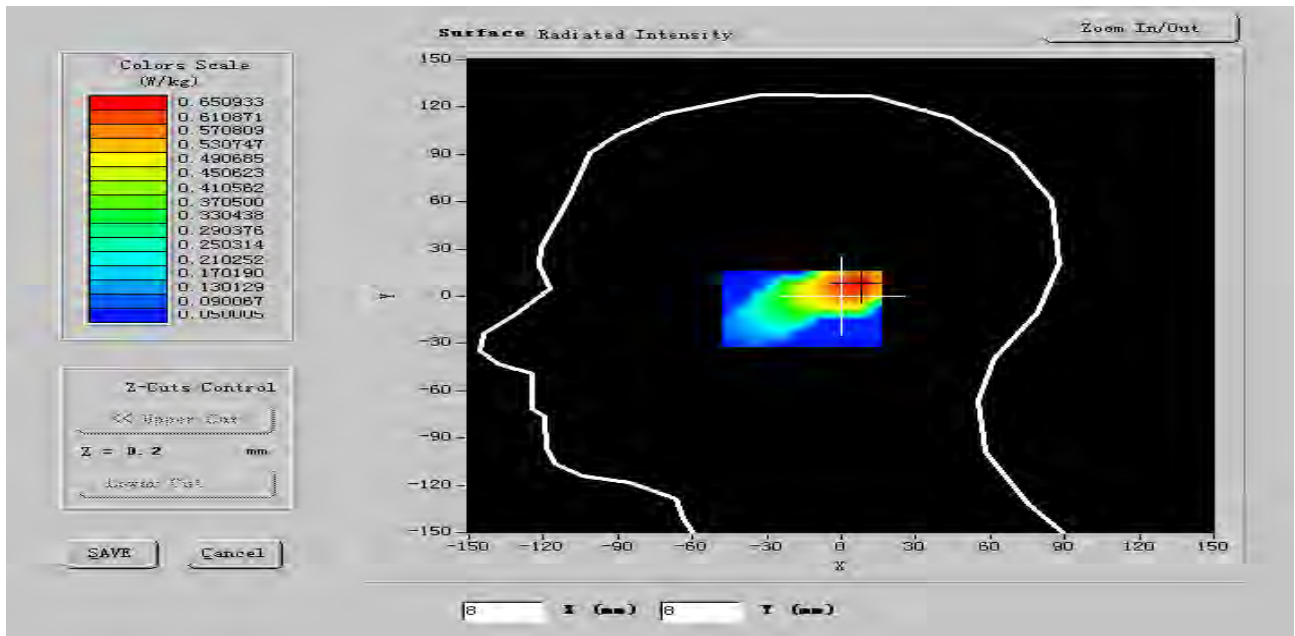
ConvF:

20.66, 20.51, 28.36

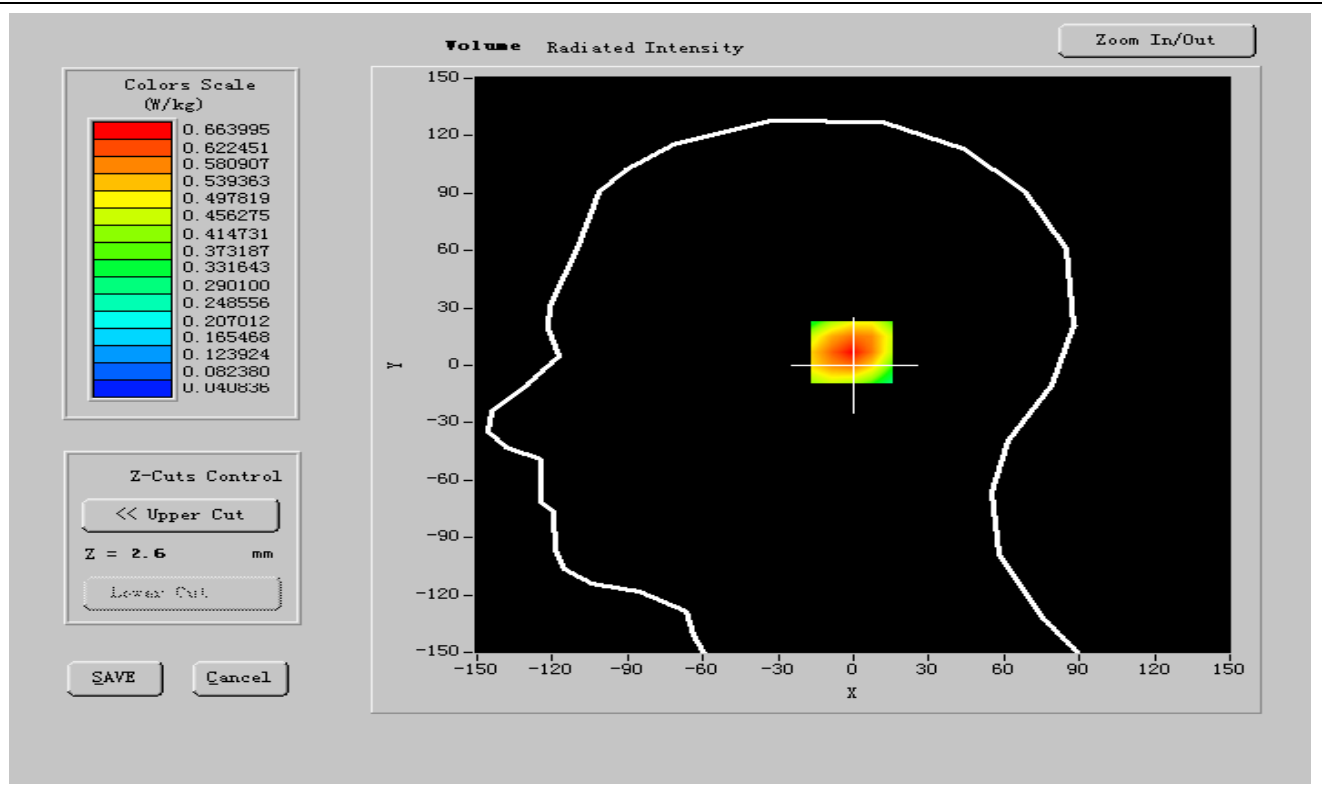
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



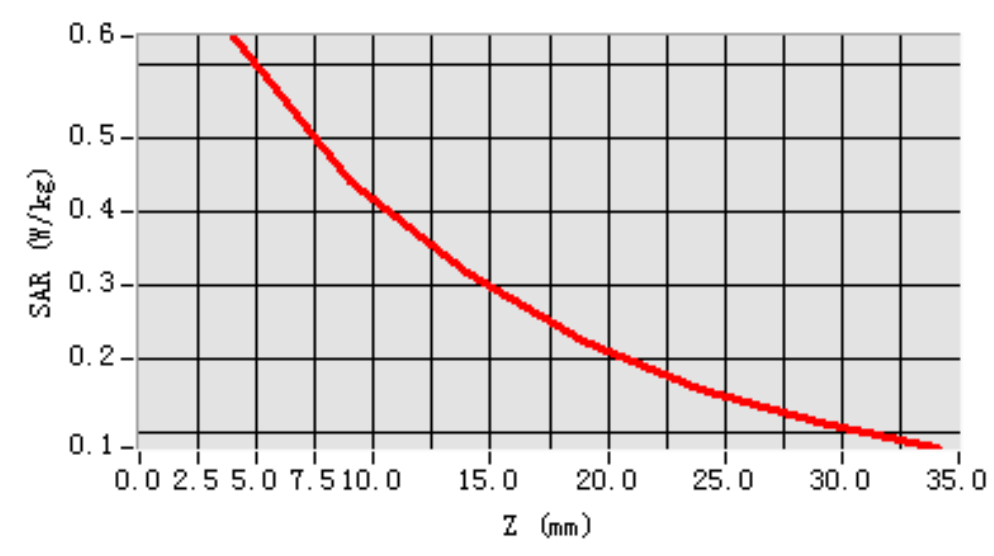


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.092140
SAR 1g (W/Kg)	0.151521

Z Axis Scan

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





MEASUREMENT 7

Date of measurement: 02/20/2011

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	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	826.203202
Relative permittivity (real part)	41.461055
Relative permittivity (imaginary part)	19.563889
Conductivity (S/m)	0.891547
Variation (%)	-0.250000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



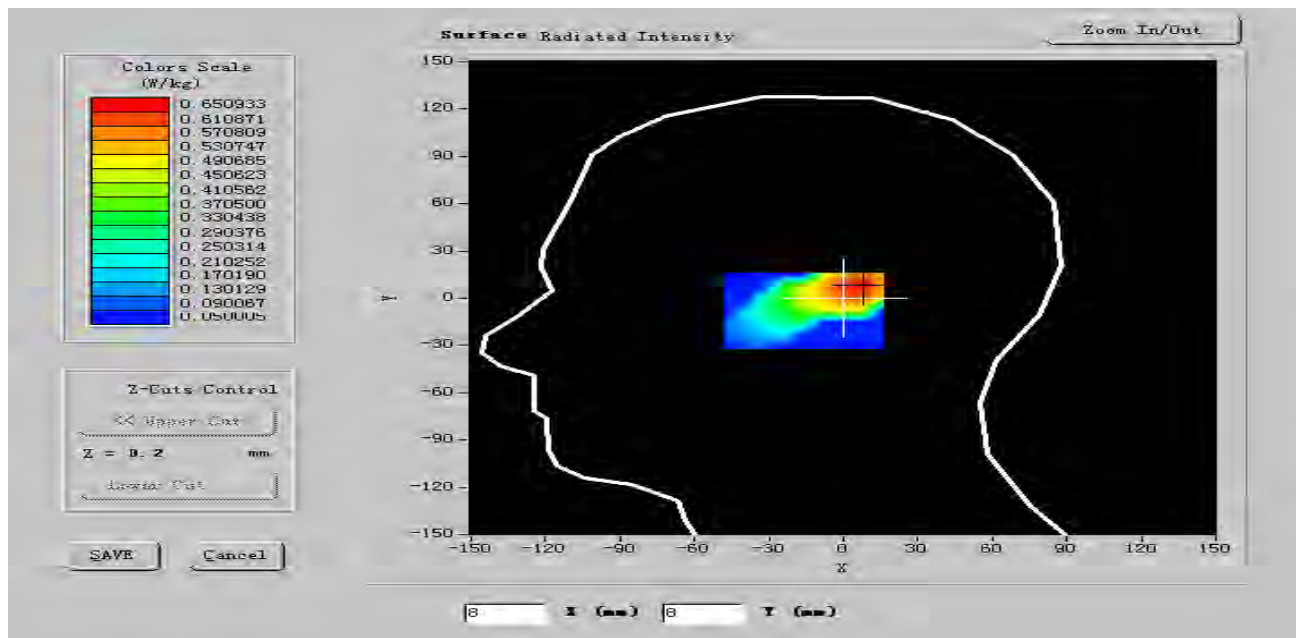
ConvF:

20.66, 20.51, 28.36

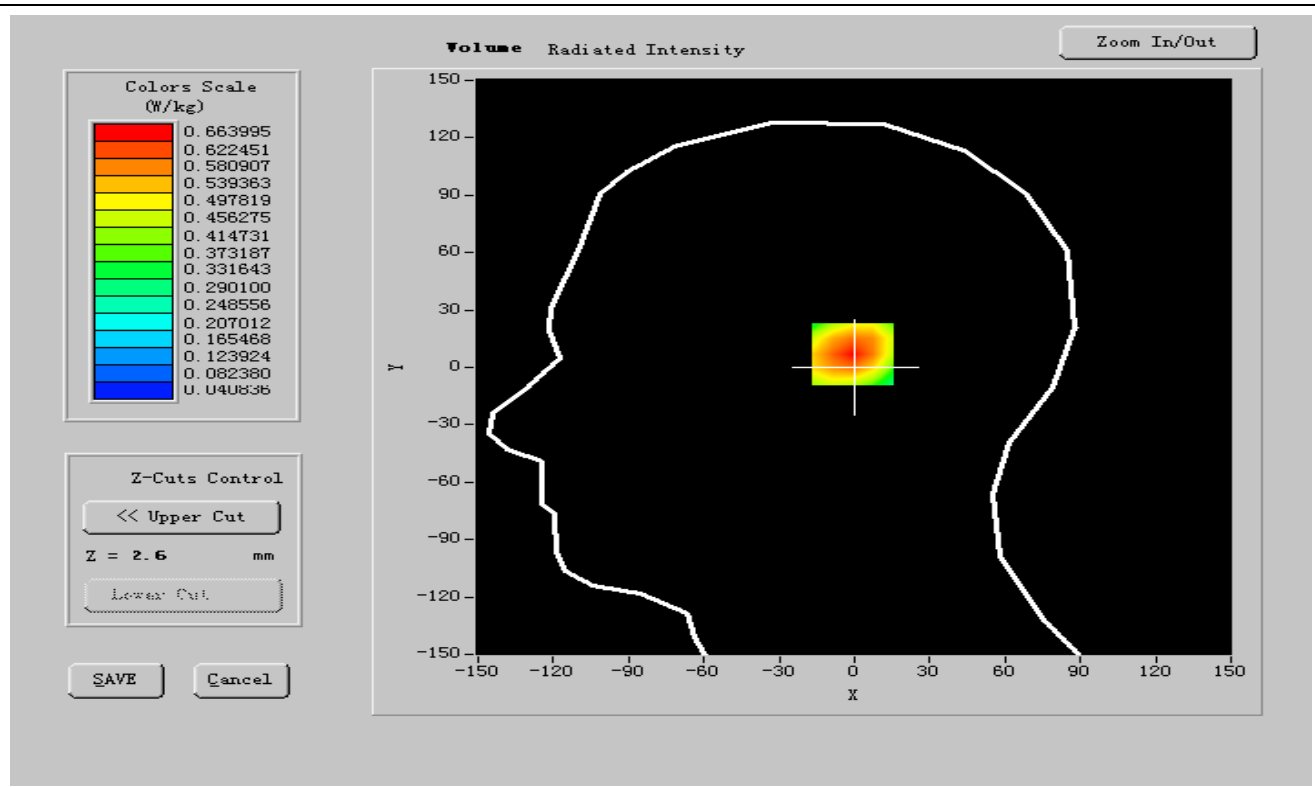
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



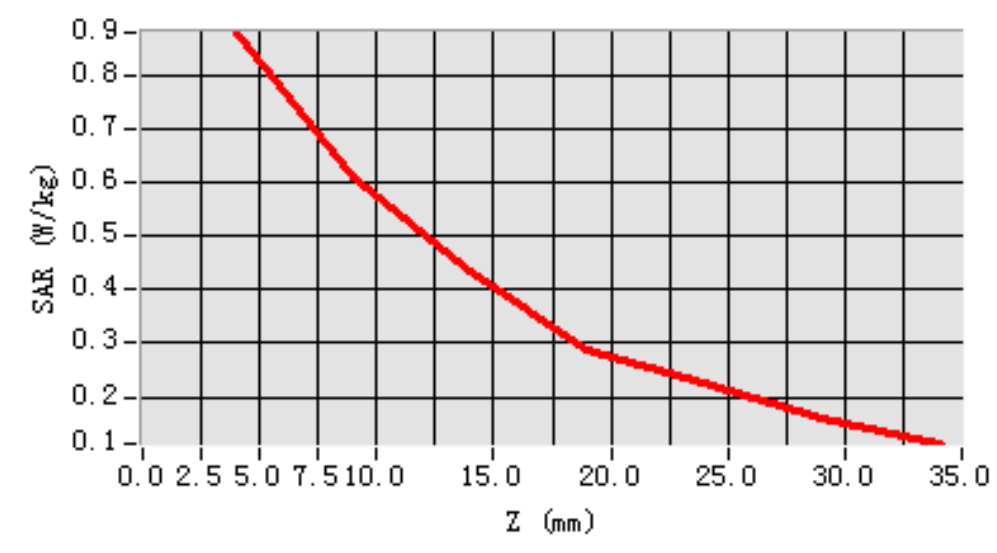


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.119204
SAR 1g (W/Kg)	0.272141

Z Axis Scan

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





MEASUREMENT 8

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	836.600010
Relative permittivity (real part)	41.471230
Relative permittivity (imaginary part)	19.575333
Conductivity (S/m)	0.918997
Variation (%)	-0.230000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



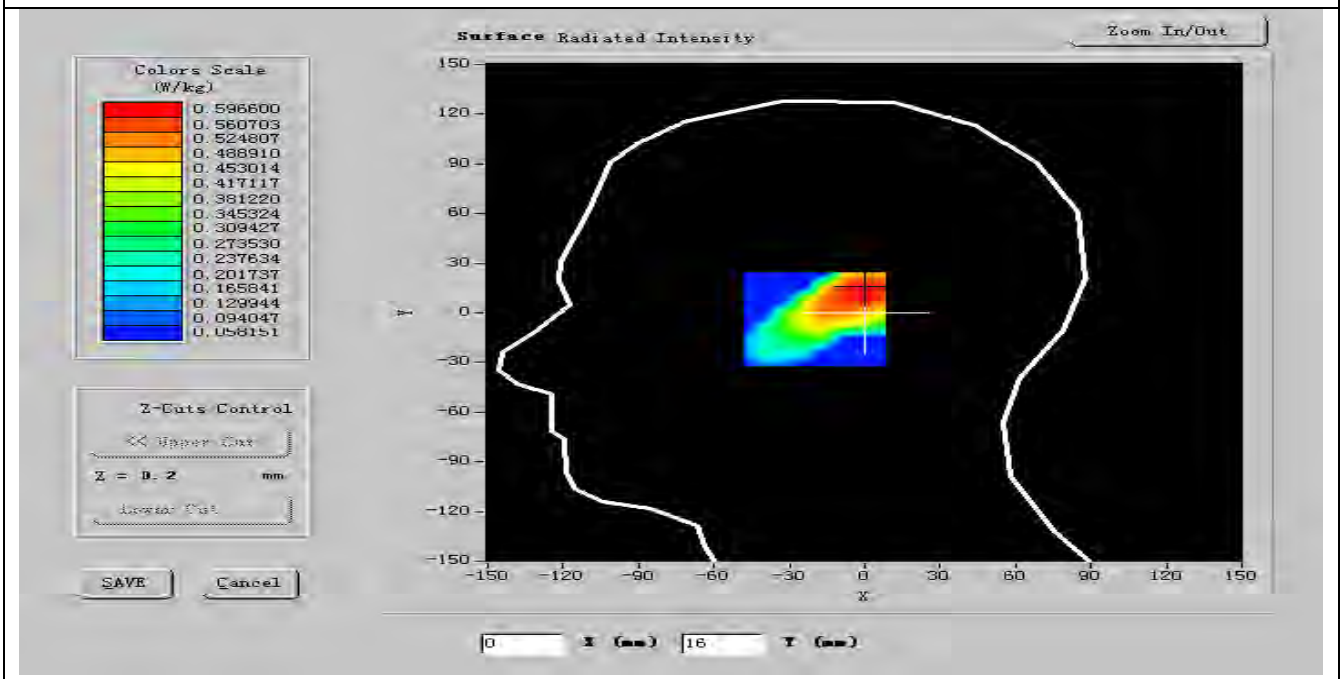
ConvF:

20.66, 20.51, 28.36

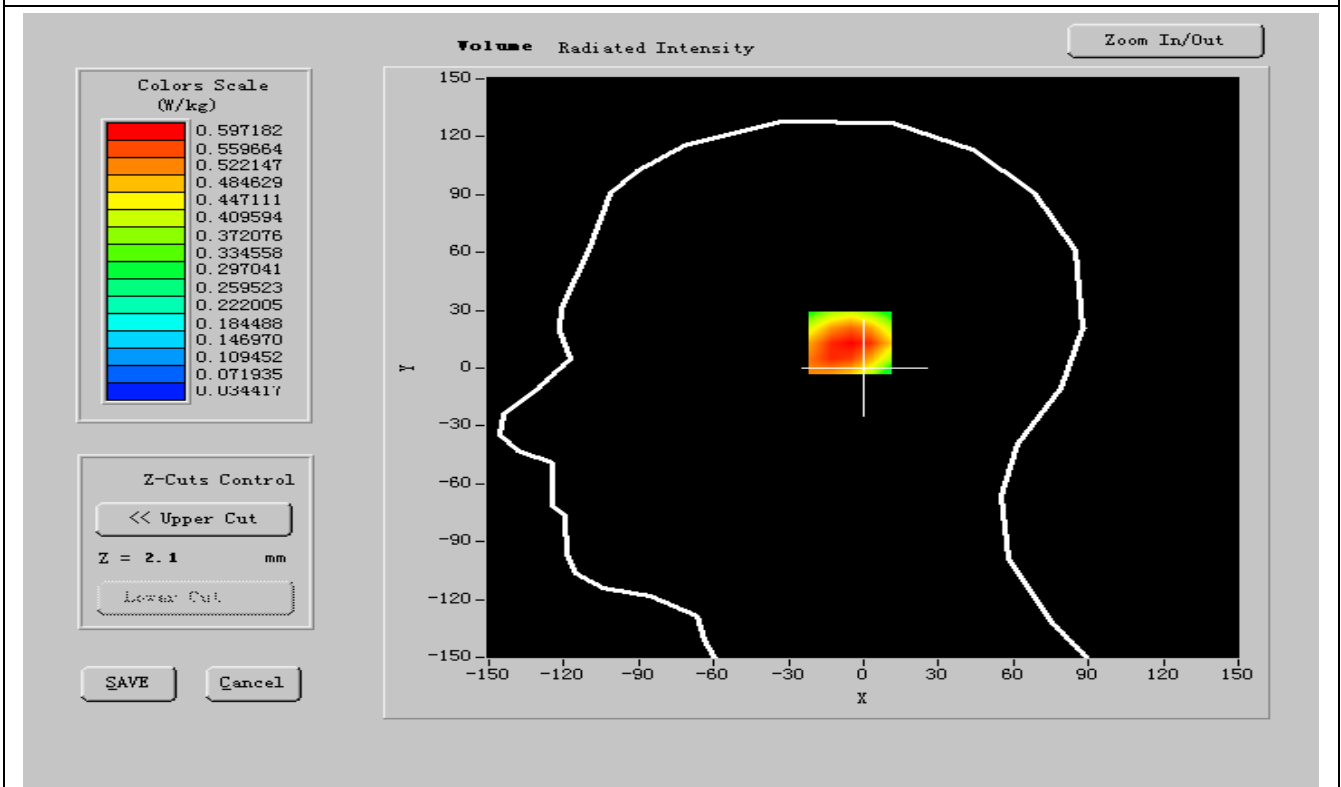
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



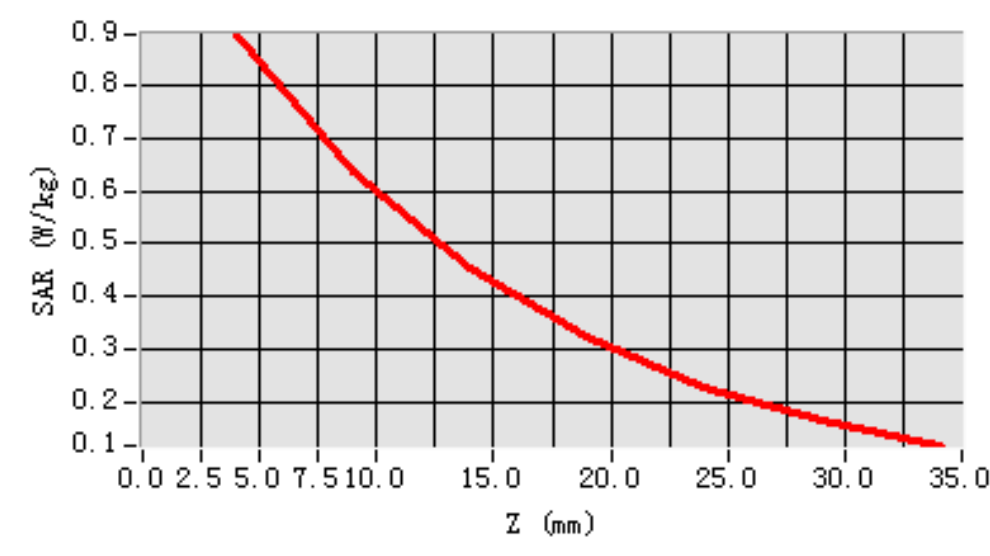


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.174514
SAR 1g (W/Kg)	0.320259

Z Axis Scan

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





MEASUREMENT 9

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	846.592416
Relative permittivity (real part)	41.406180
Relative permittivity (imaginary part)	19.574326
Conductivity (S/m)	0.930115
Variation (%)	-1.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



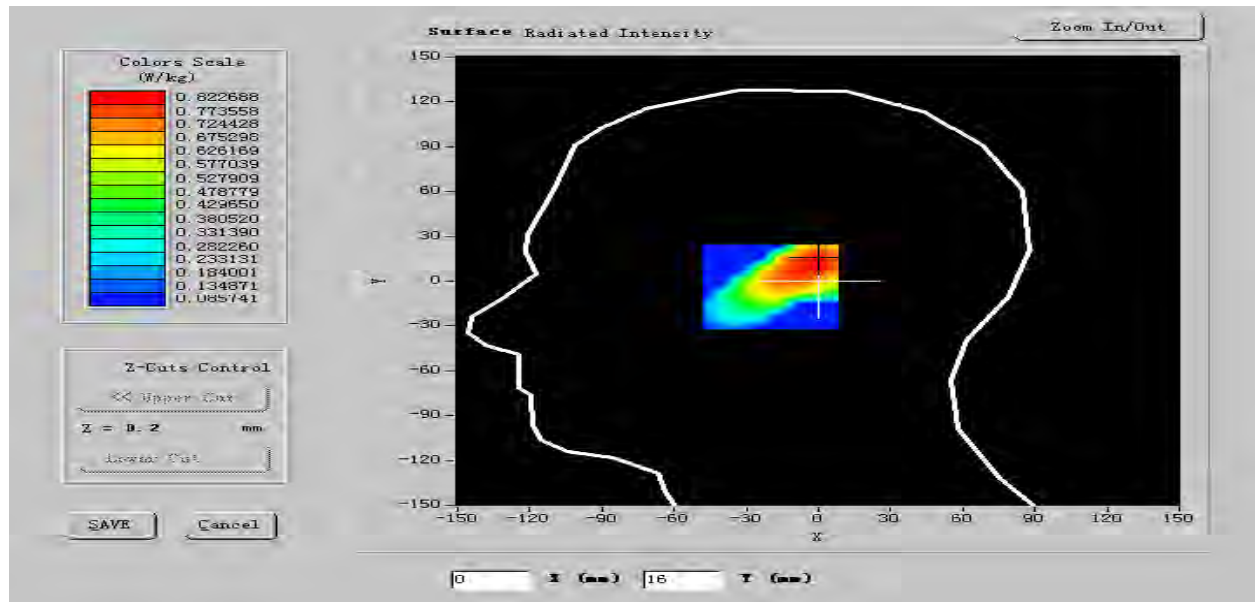
ConvF:

20.66, 20.51, 28.36

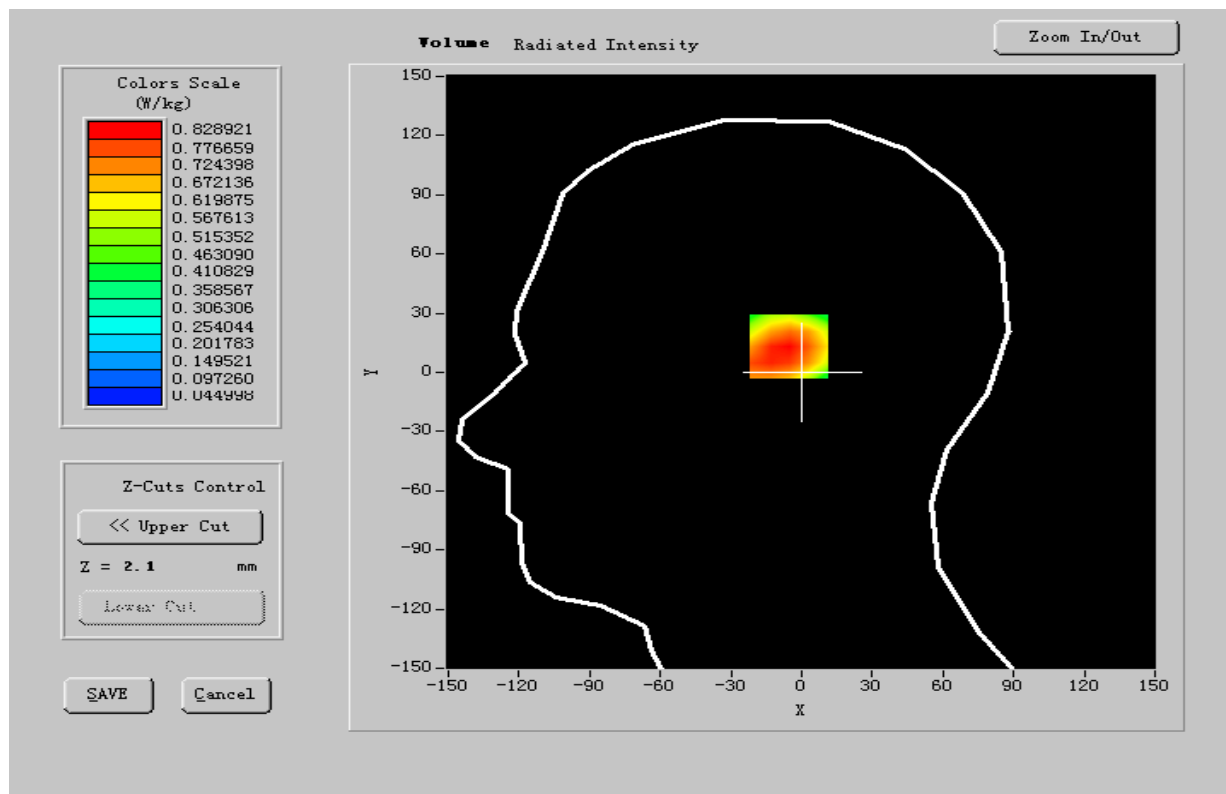
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



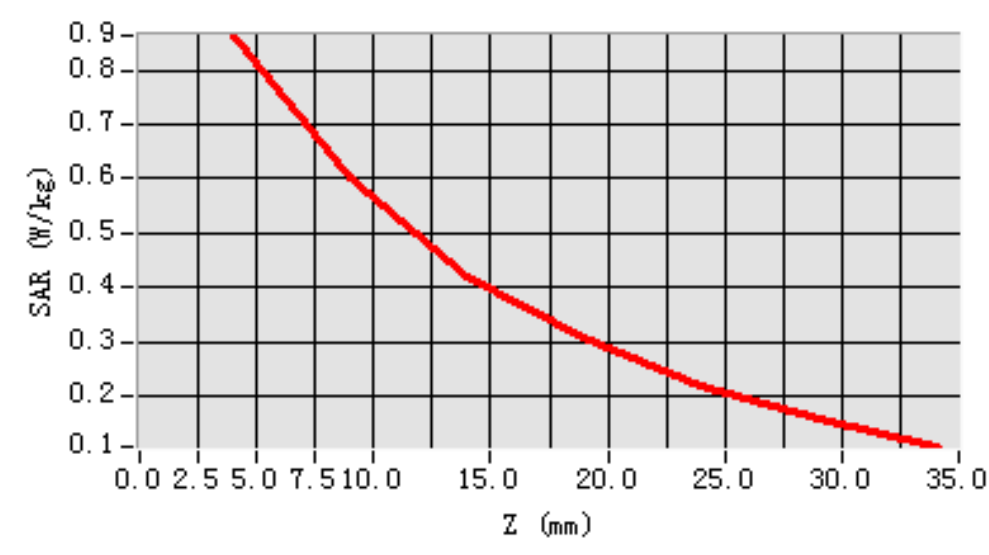


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.143210
SAR 1g (W/Kg)	0.260414

Z Axis Scan

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





MEASUREMENT 10

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	826.203202
Relative permittivity (real part)	41.451347
Relative permittivity (imaginary part)	19.581234
Conductivity (S/m)	0.921230
Variation (%)	-0.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



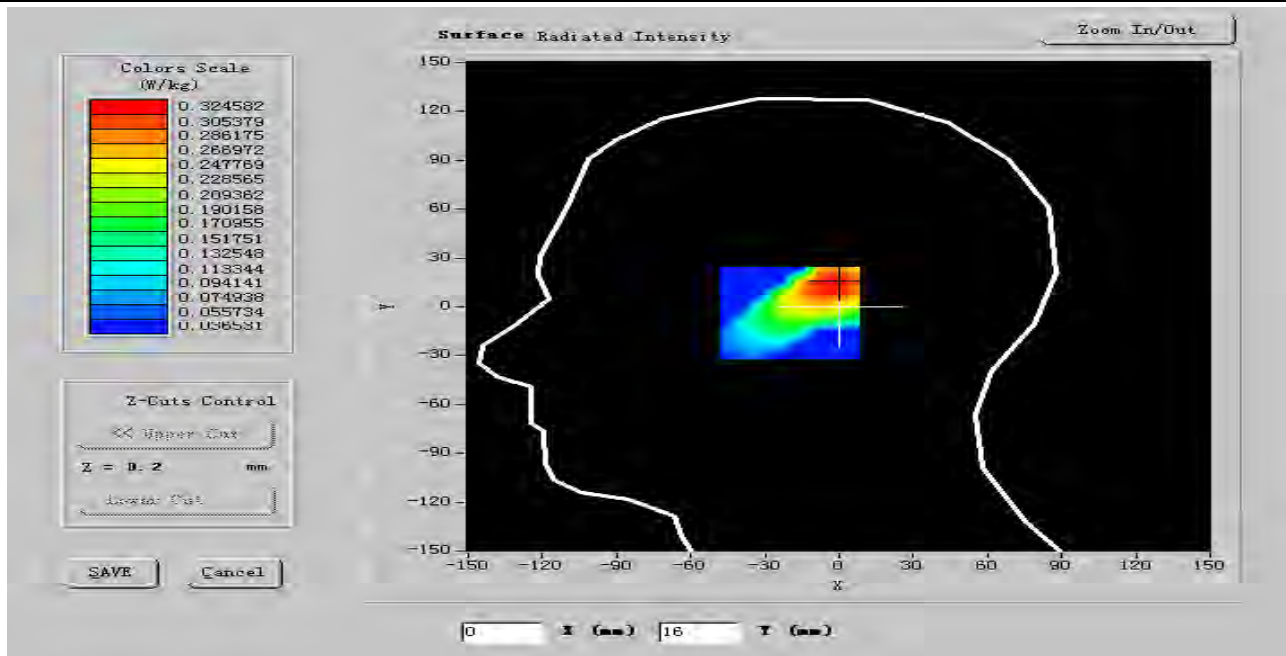
ConvF:

20.66, 20.51, 28.36

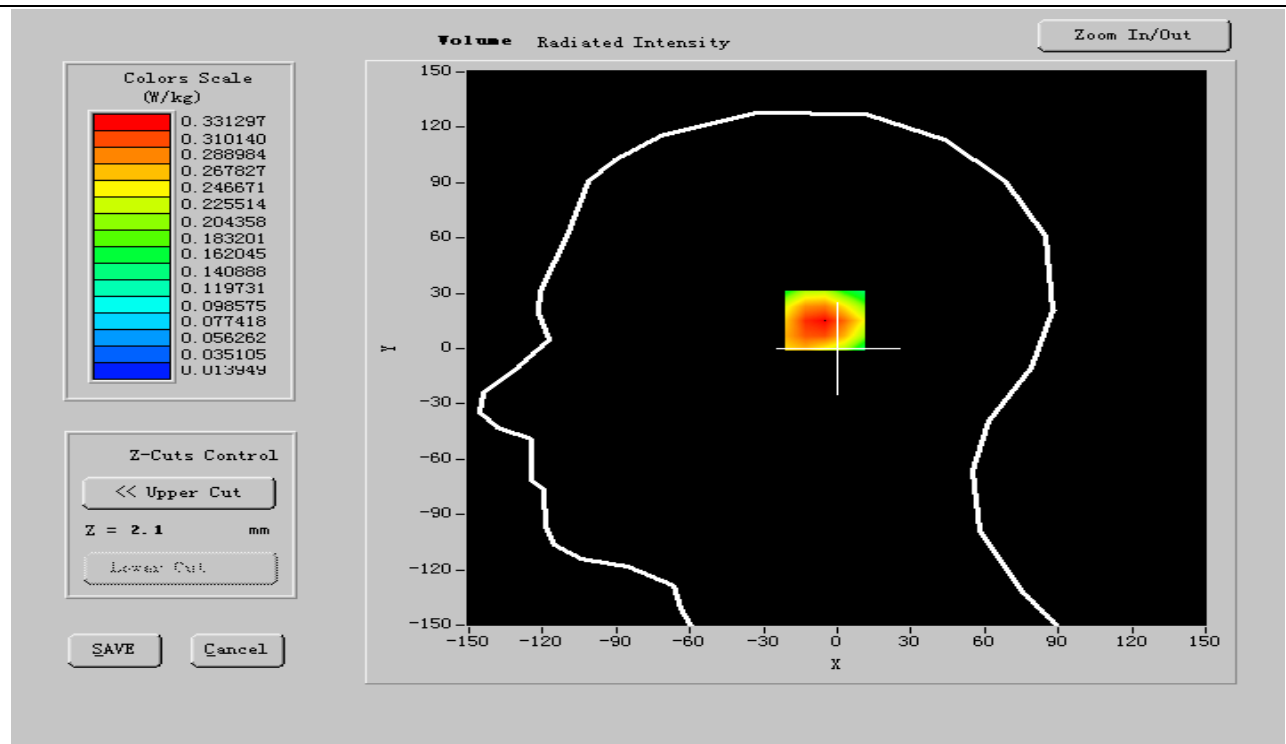
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



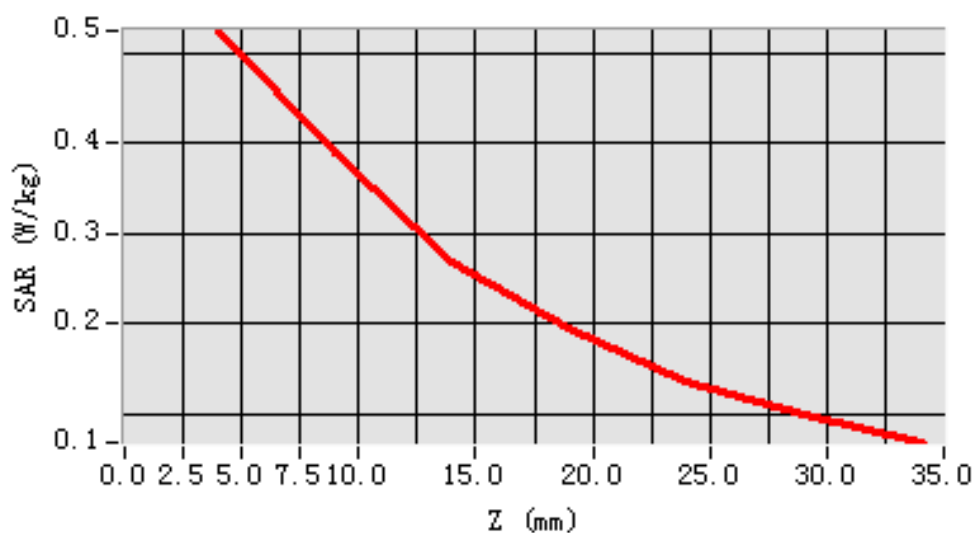


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.132140
SAR 1g (W/Kg)	0.161472

Z Axis Scan

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



**MEASUREMENT 11****Date of measurement: 02/20/2011****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	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

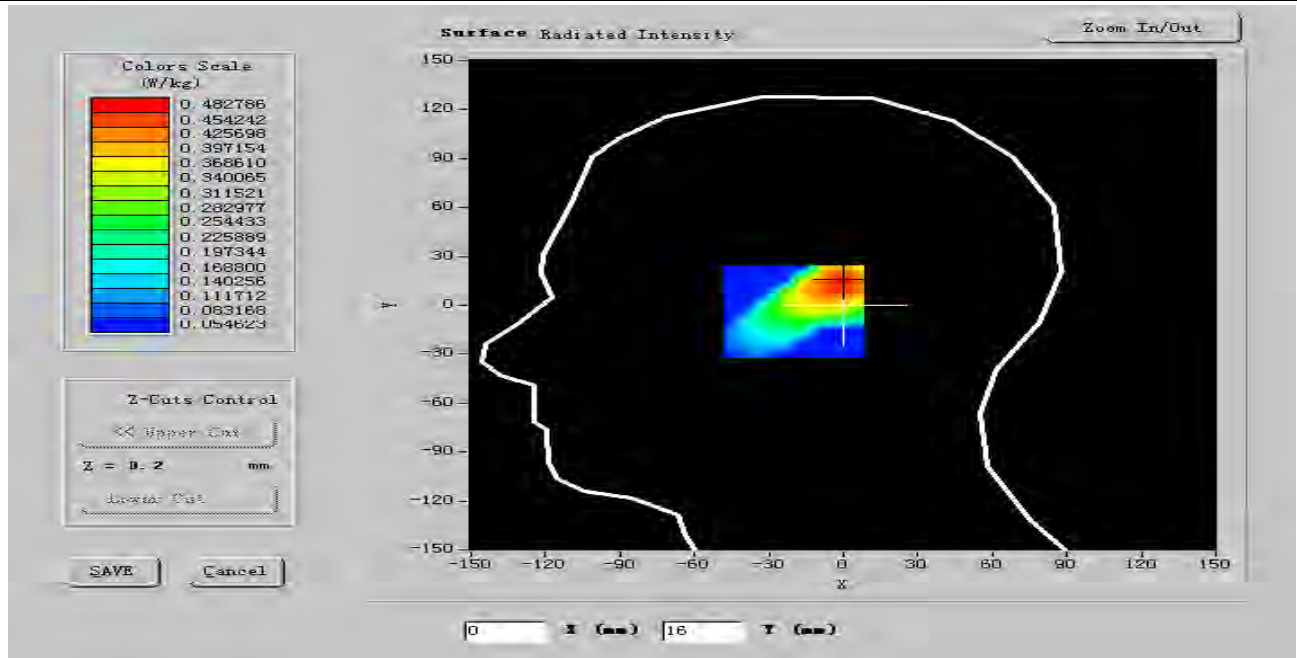
Frequency (MHz)	836.602124
Relative permittivity (real part)	41.461320
Relative permittivity (imaginary part)	19.581774
Conductivity (S/m)	0.921108
Variation (%)	-0.010000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.66, 20.51, 28.36



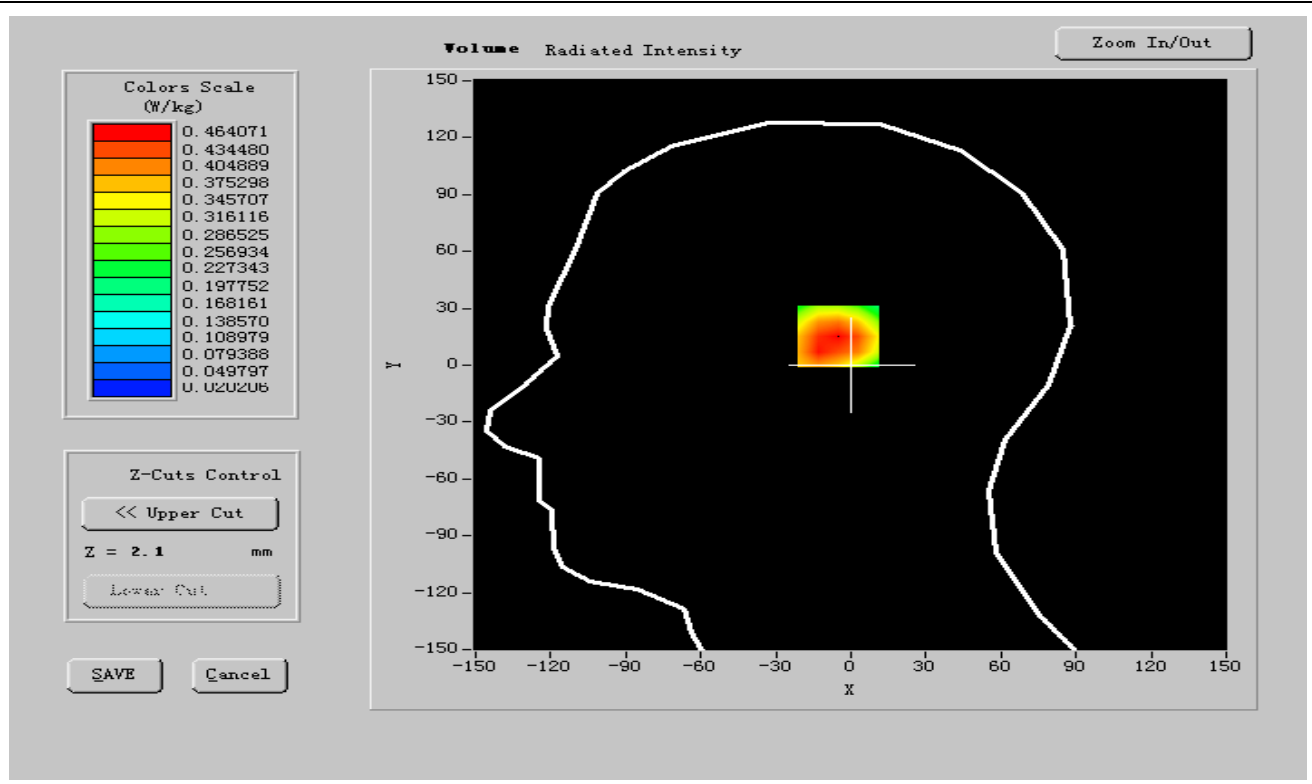
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



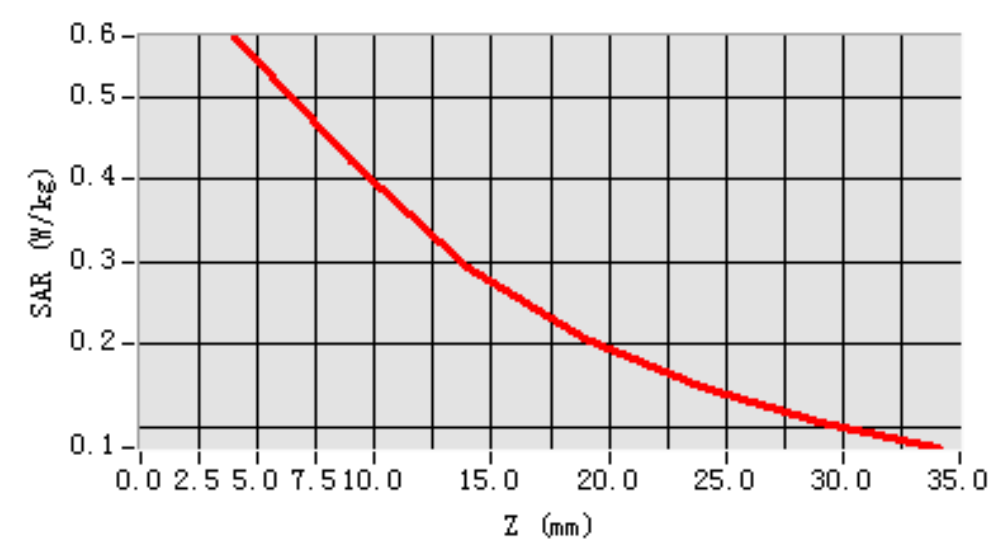


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.152310
SAR 1g (W/Kg)	0.192414

Z Axis Scan

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





MEASUREMENT 12

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	846.790120
Relative permittivity (real part)	41.459975
Relative permittivity (imaginary part)	19.583446
Conductivity (S/m)	0.922784
Variation (%)	-1.100000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



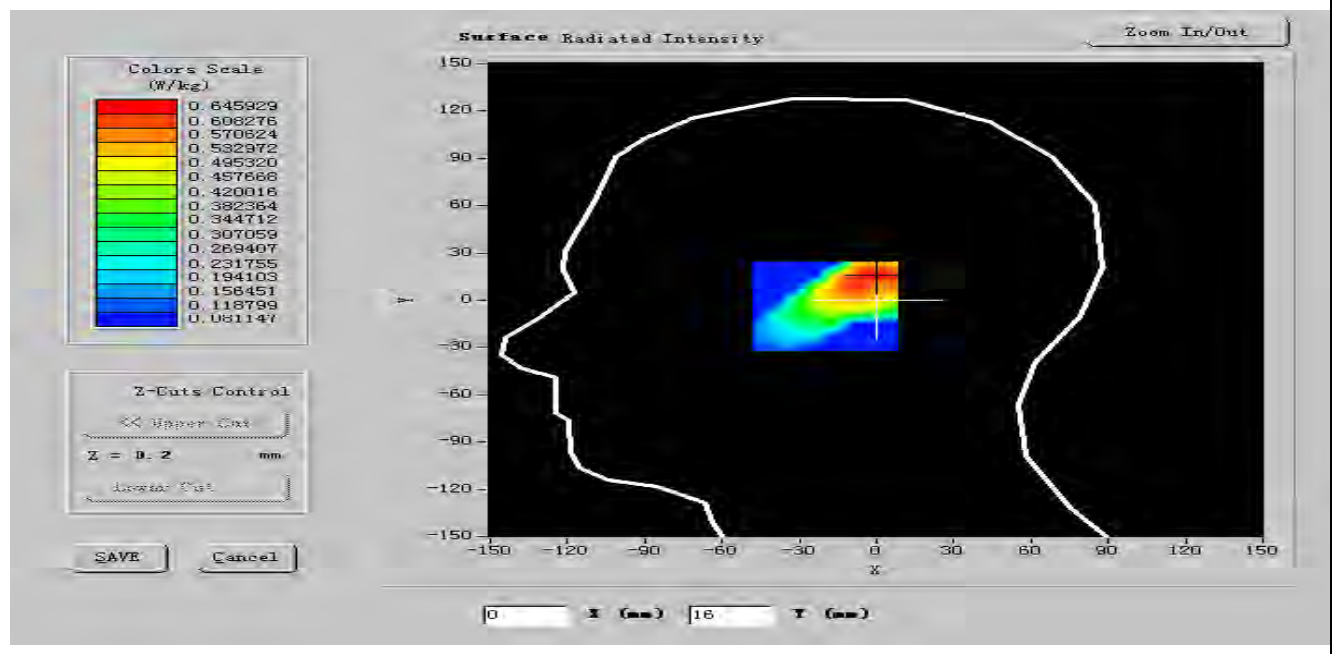
ConvF:

20.66, 20.51, 28.36

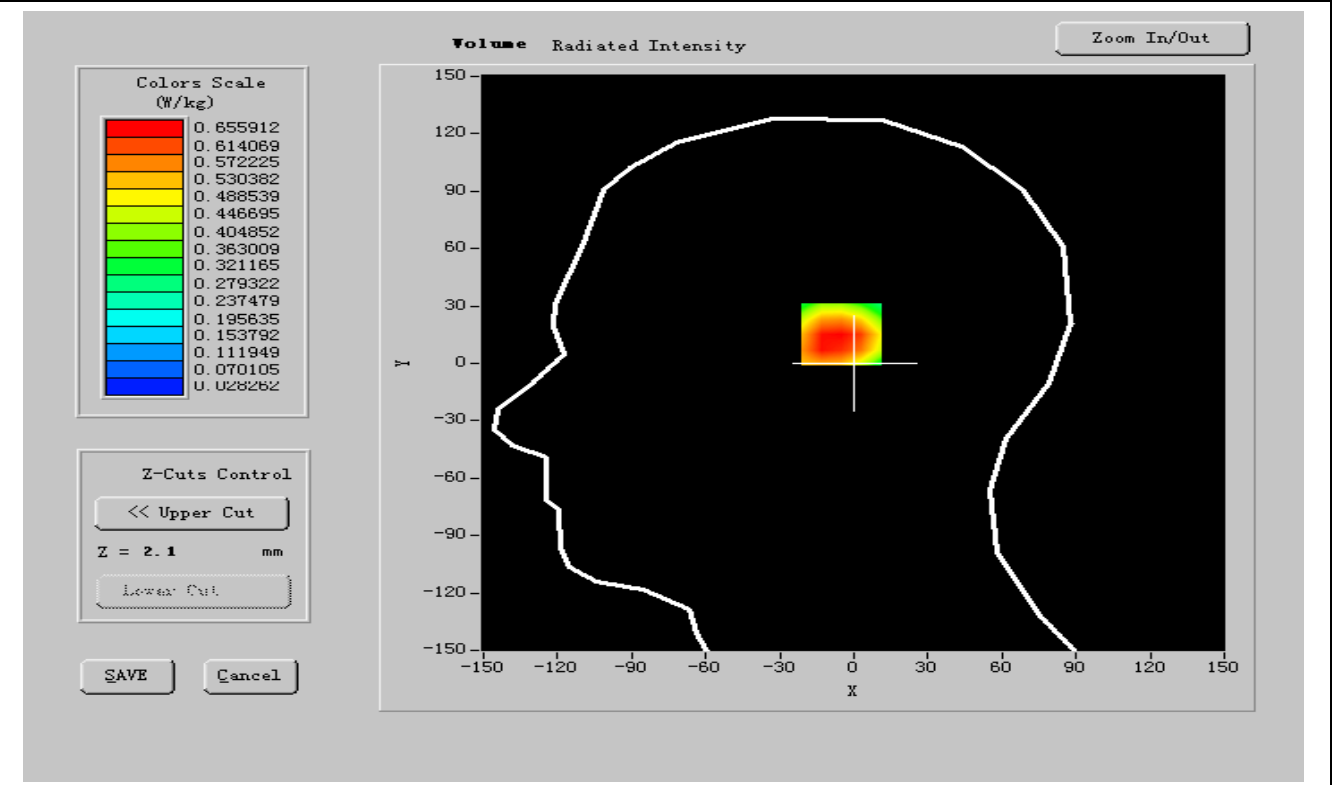
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



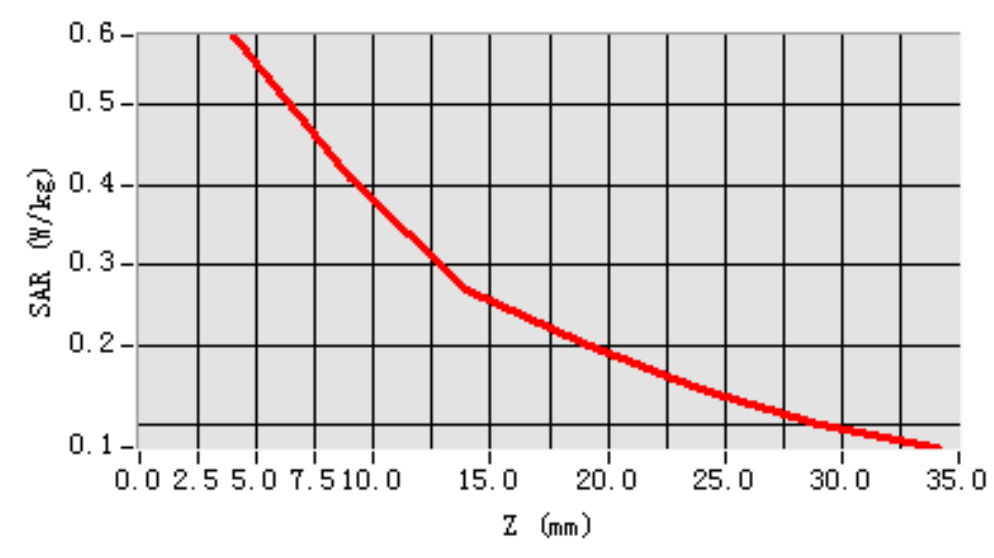


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.123121
SAR 1g (W/Kg)	0.174123

Z Axis Scan

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





MEASUREMENT 13

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	826.400002
Relative permittivity (real part)	56.519664
Relative permittivity (imaginary part)	21.251330
Conductivity (S/m)	0.973547
Variation (%)	-1.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



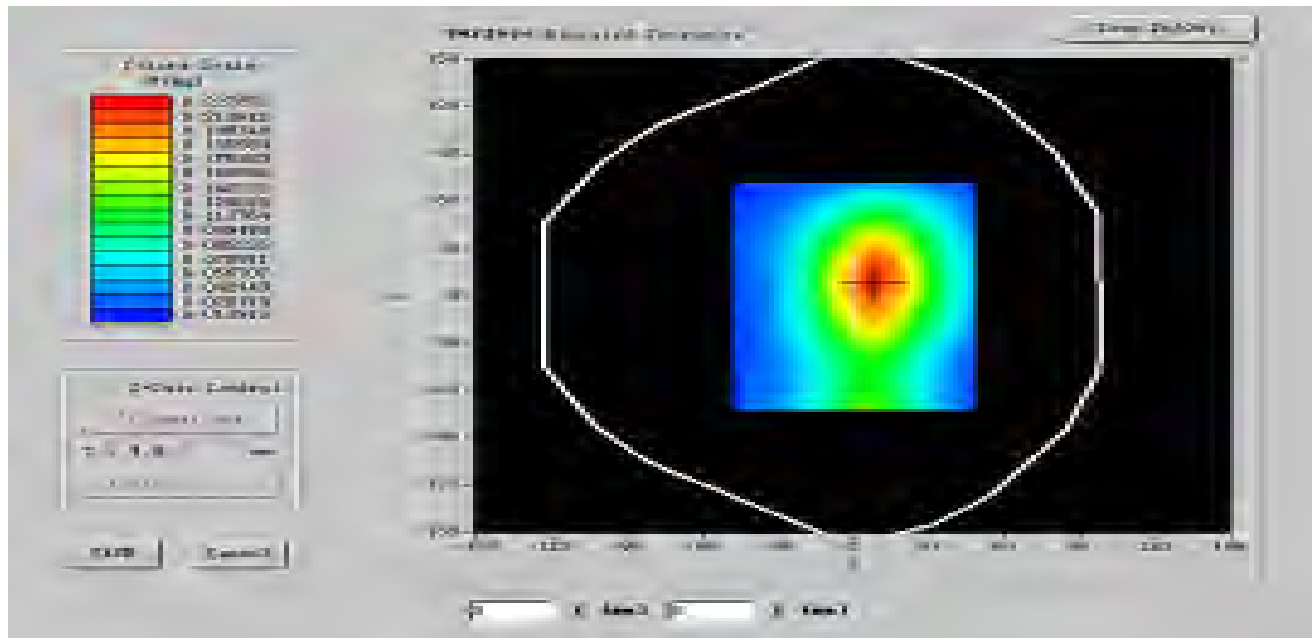
ConvF:

20.00, 19.88, 27.77

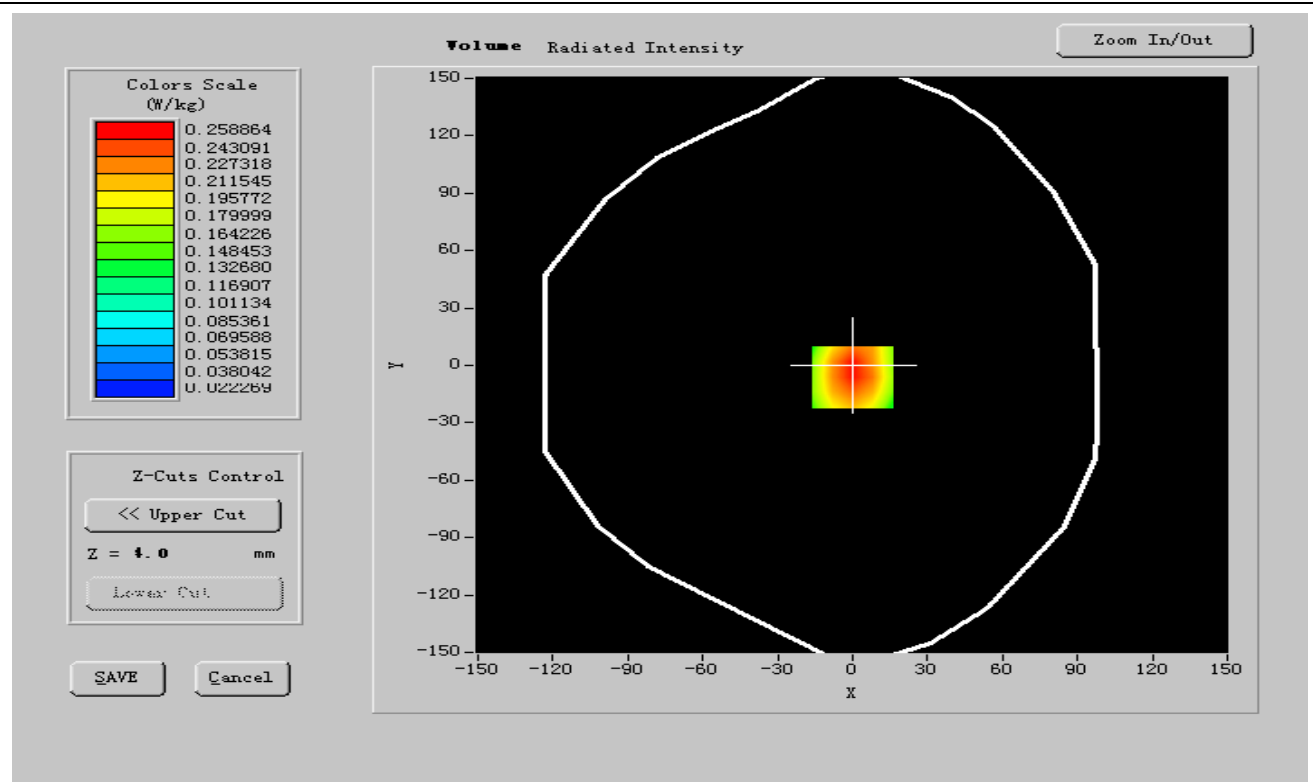
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



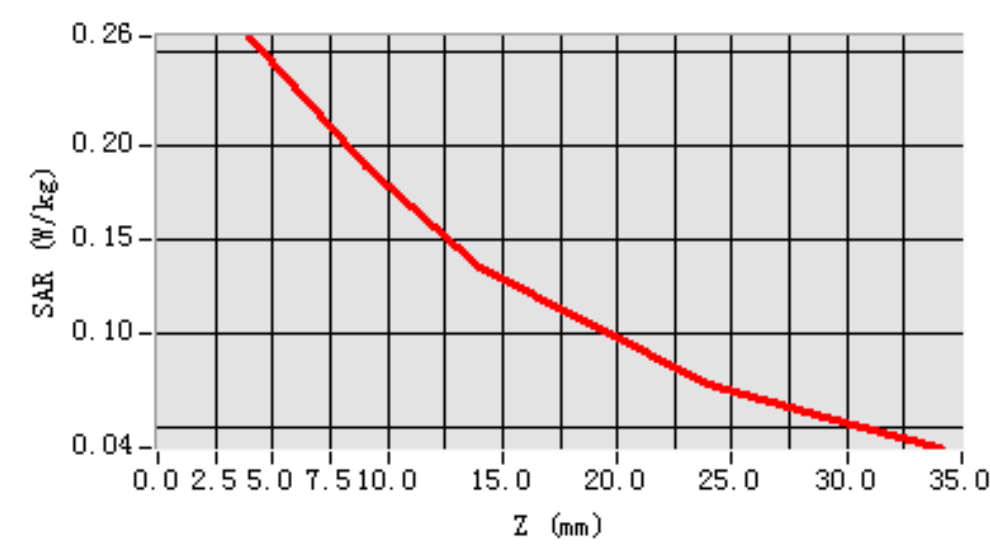


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.081418
SAR 1g (W/Kg)	0.182142

Z Axis Scan

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





MEASUREMENT 14

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	836.600204
Relative permittivity (real part)	56.500133
Relative permittivity (imaginary part)	21.841544
Conductivity (S/m)	0.973048
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



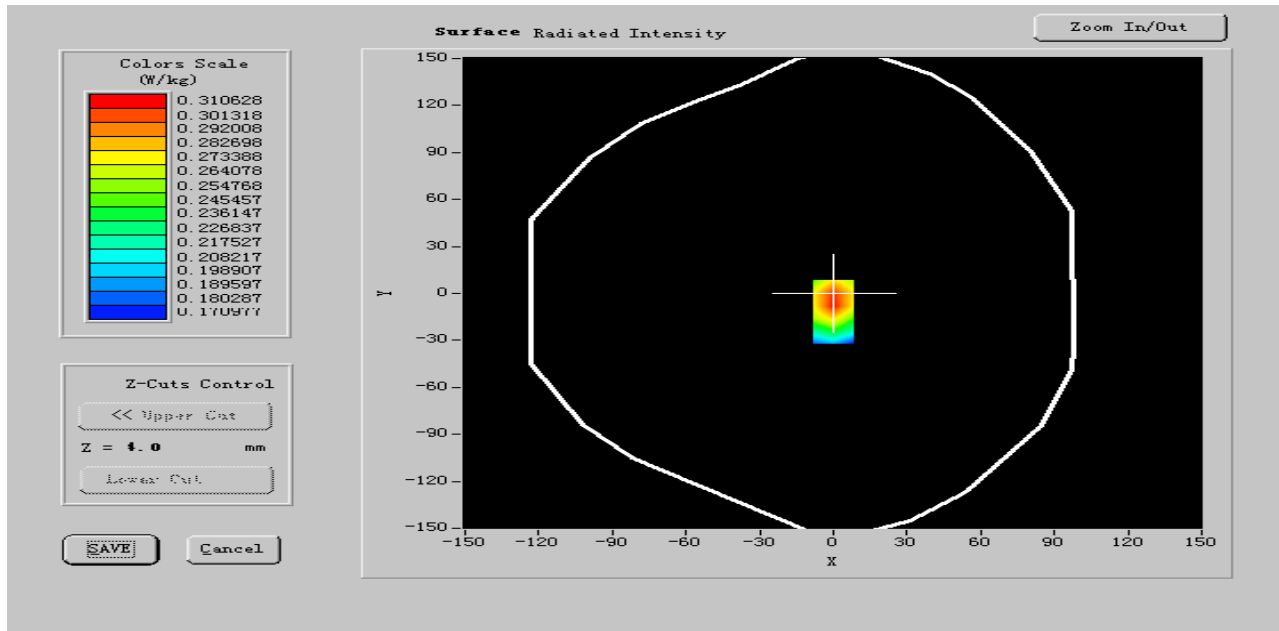
ConvF:

20.00, 19.88, 27.77

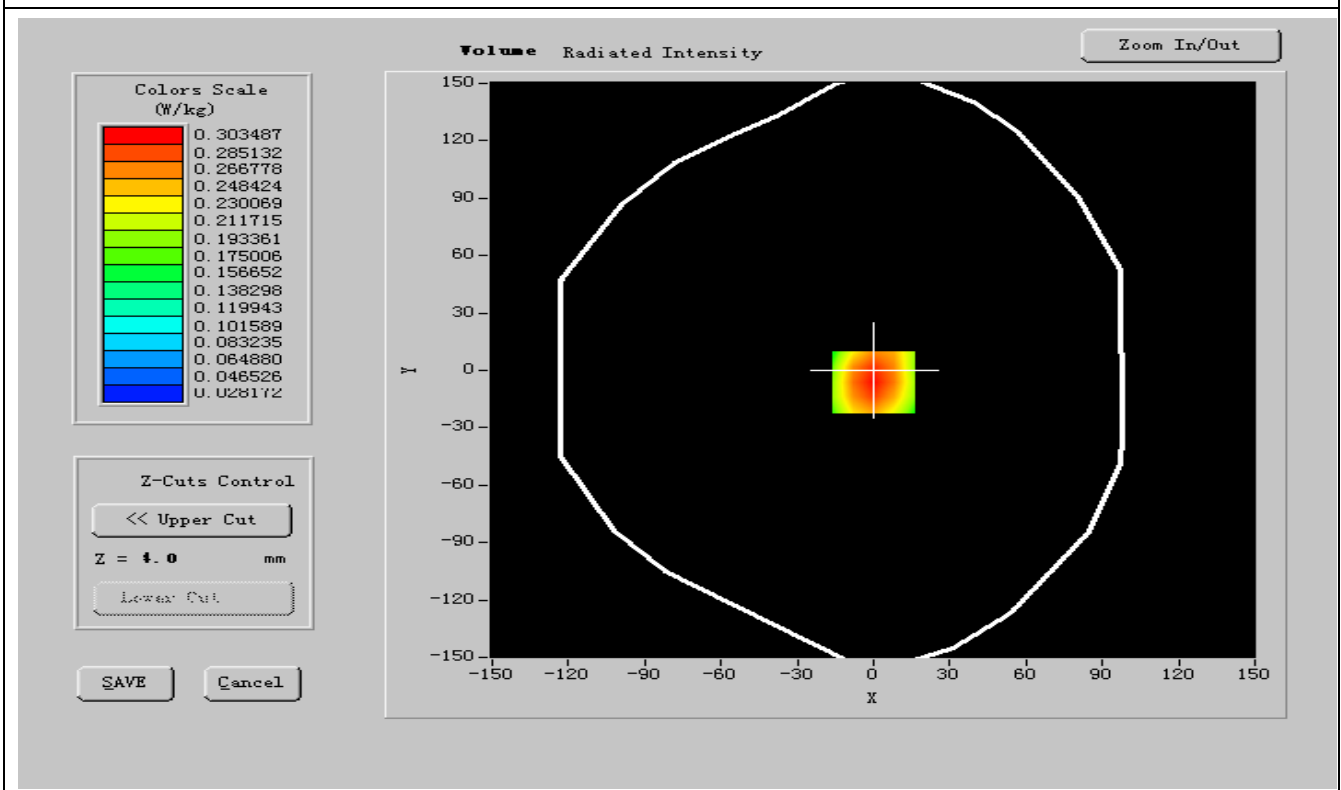
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



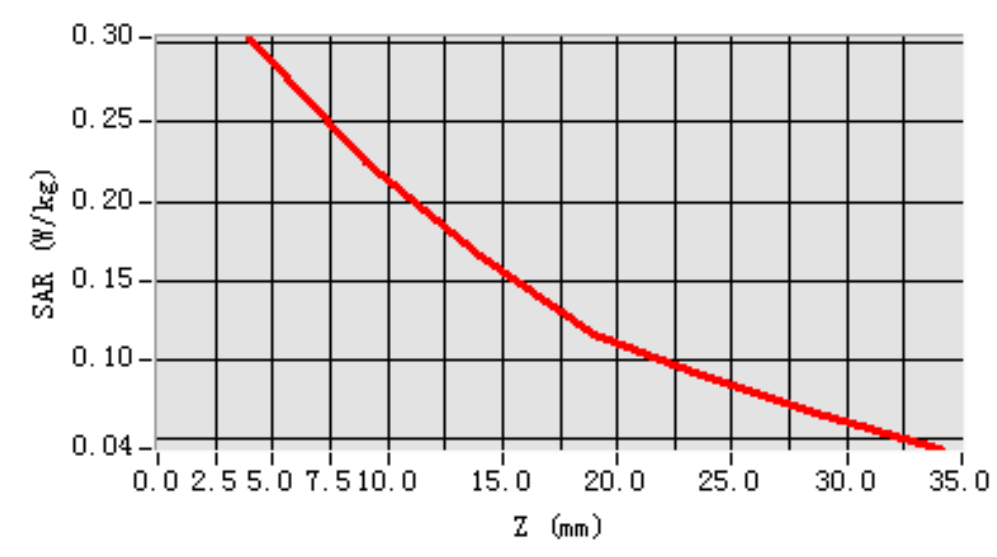


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.123114
SAR 1g (W/Kg)	0.197407

Z Axis Scan

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





MEASUREMENT 15

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	846.862406
Relative permittivity (real part)	56.523500
Relative permittivity (imaginary part)	21.793006
Conductivity (S/m)	0.972841
Variation (%)	-1.310000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



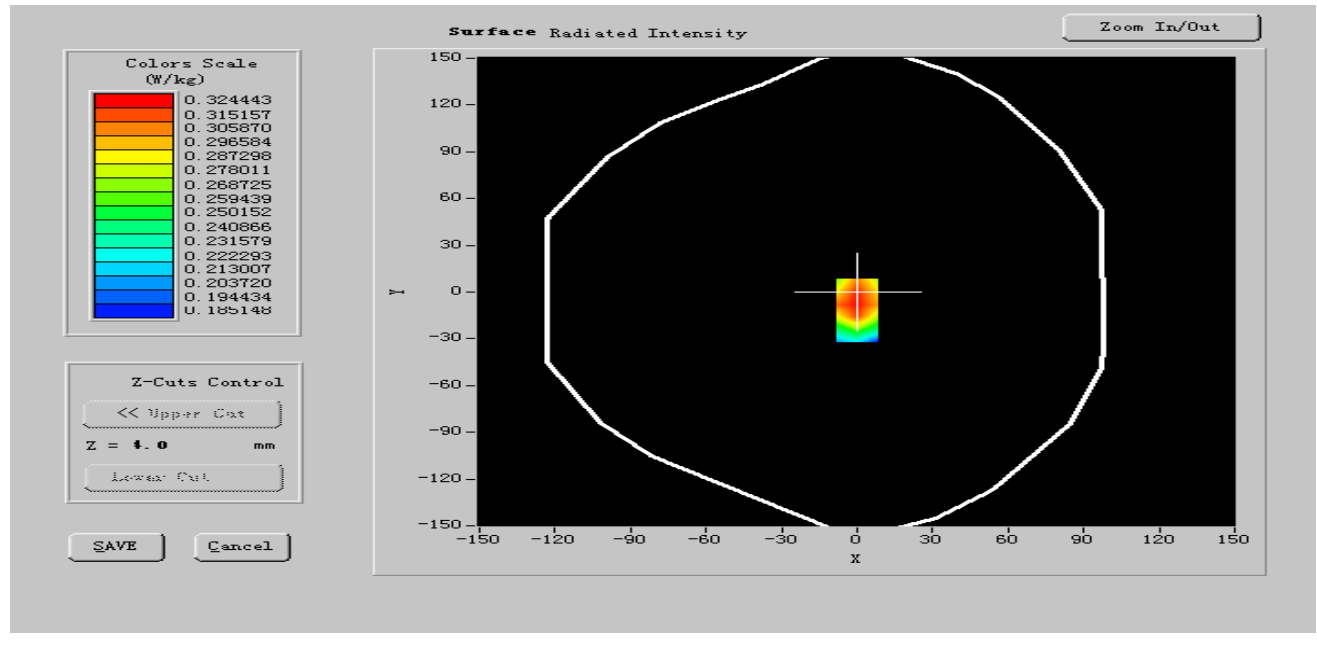
ConvF:

20.00, 19.88, 27.77

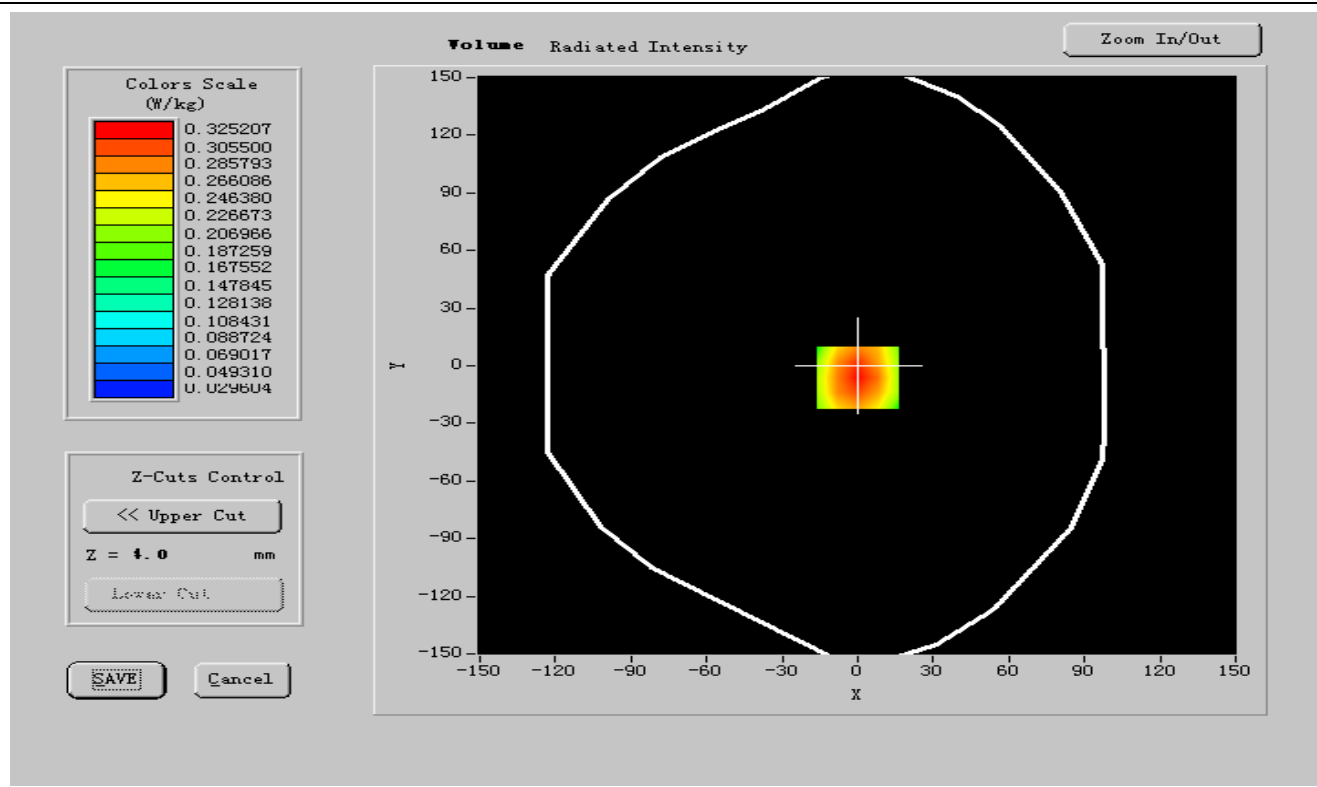
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



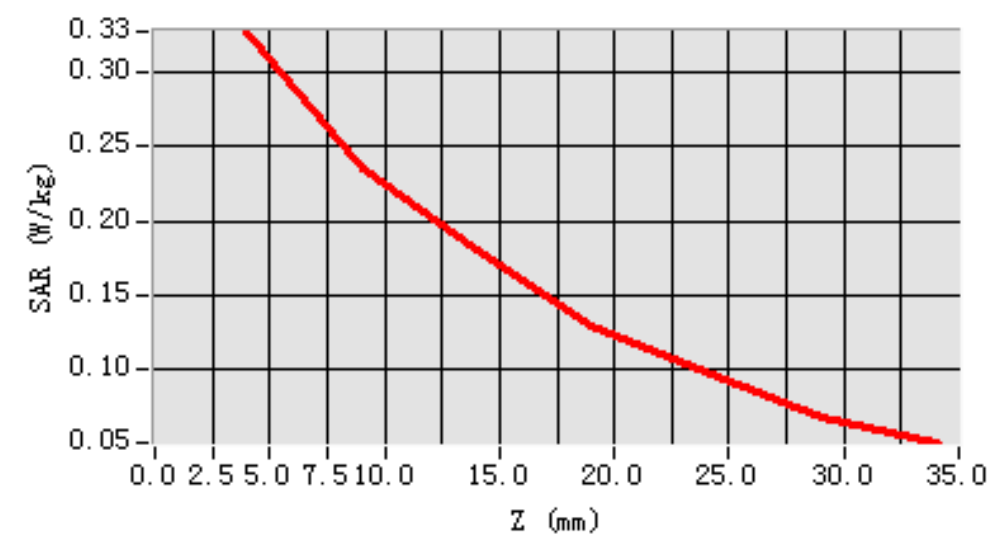


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.099145
SAR 1g (W/Kg)	0.162140

Z Axis Scan

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



**MEASUREMENT 16****Date of measurement: 02/20/2011****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	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

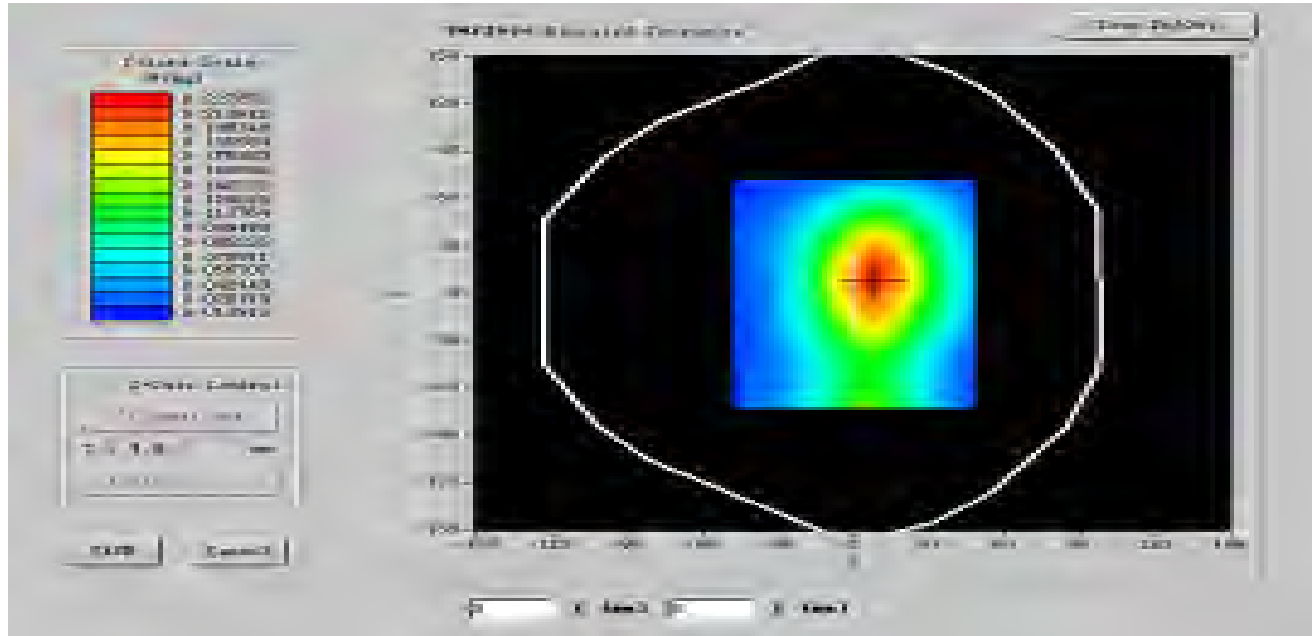
Frequency (MHz)	826.400002
Relative permittivity (real part)	56.524510
Relative permittivity (imaginary part)	21.252631
Conductivity (S/m)	0.974231
Variation (%)	-1.120000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



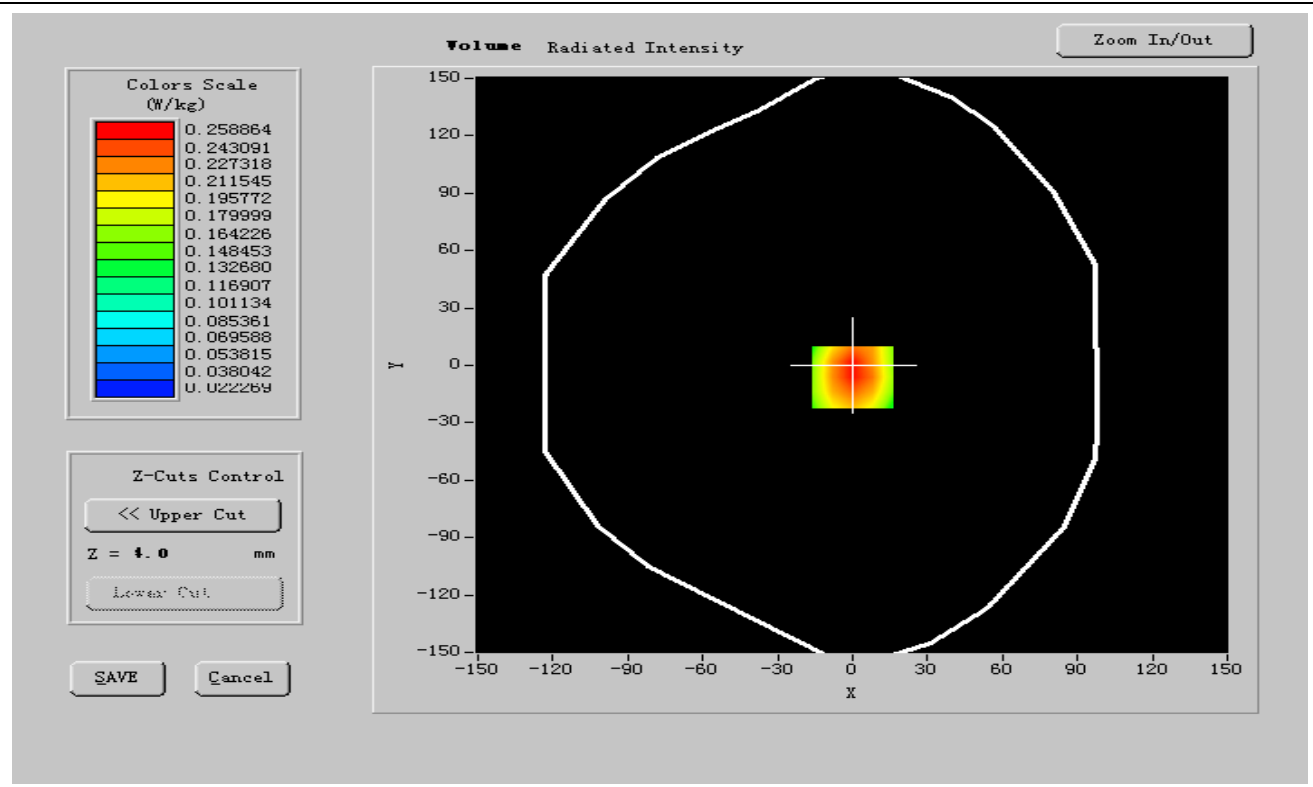
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



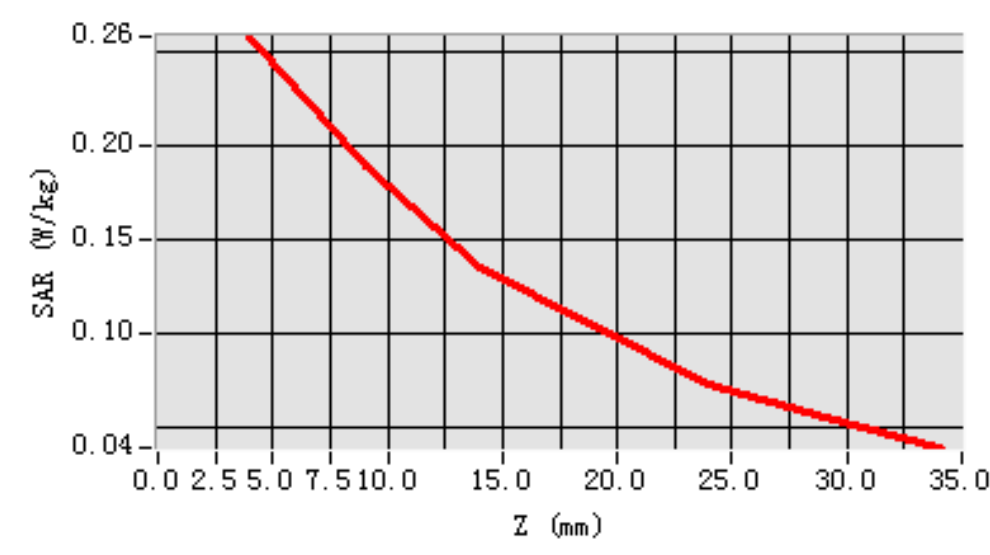


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.097412
SAR 1g (W/Kg)	0.146915

Z Axis Scan

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





MEASUREMENT 17

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	836.600204
Relative permittivity (real part)	56.512021
Relative permittivity (imaginary part)	21.842614
Conductivity (S/m)	0.978718
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



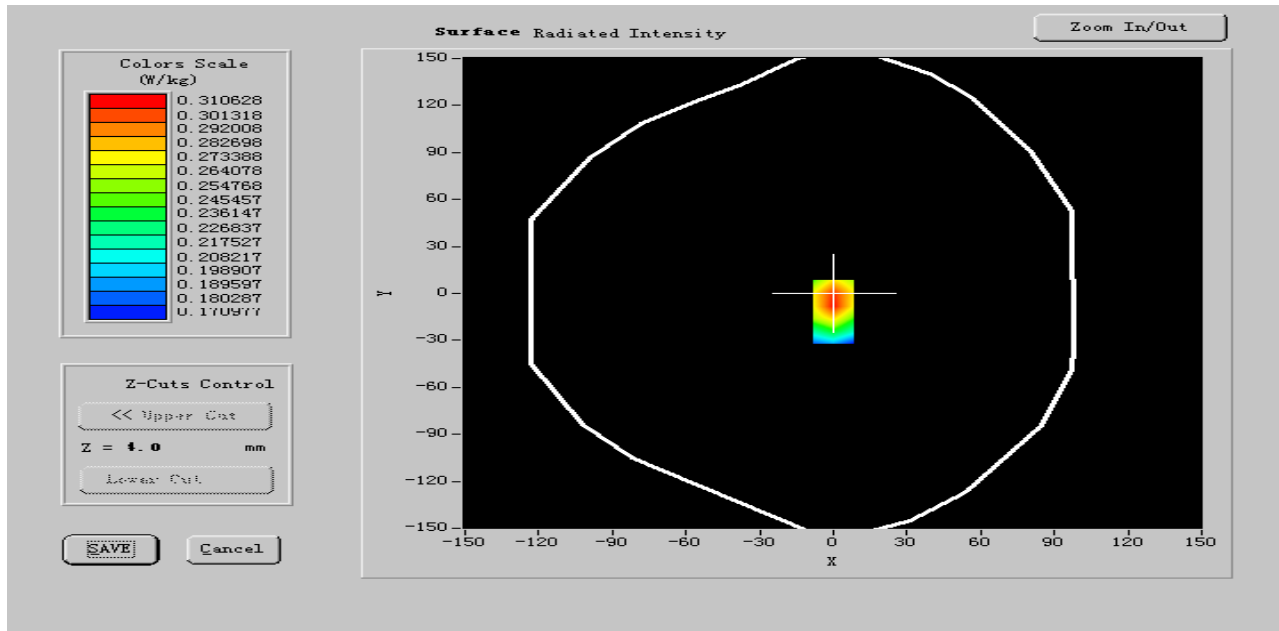
ConvF:

20.00, 19.88, 27.77

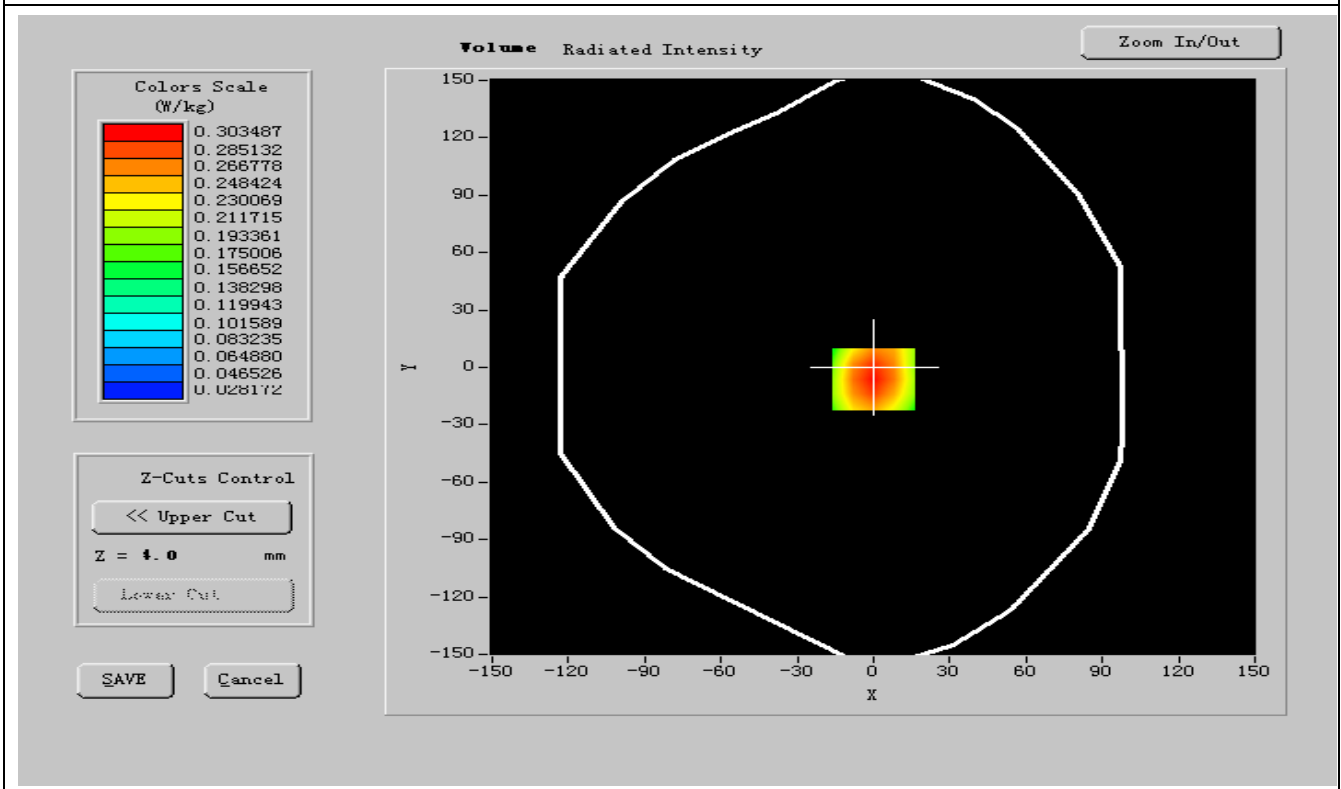
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



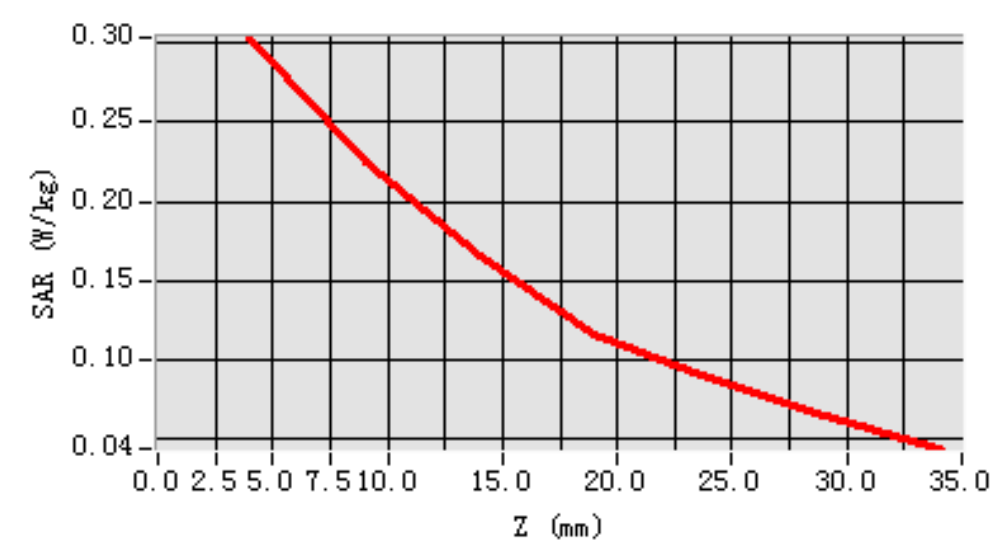


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.132151
SAR 1g (W/Kg)	0.178627

Z Axis Scan

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





MEASUREMENT 18

Date of measurement: 02/20/2011**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	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	846.862406
Relative permittivity (real part)	56.524621
Relative permittivity (imaginary part)	21.793236
Conductivity (S/m)	0.973251
Variation (%)	-1.320000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



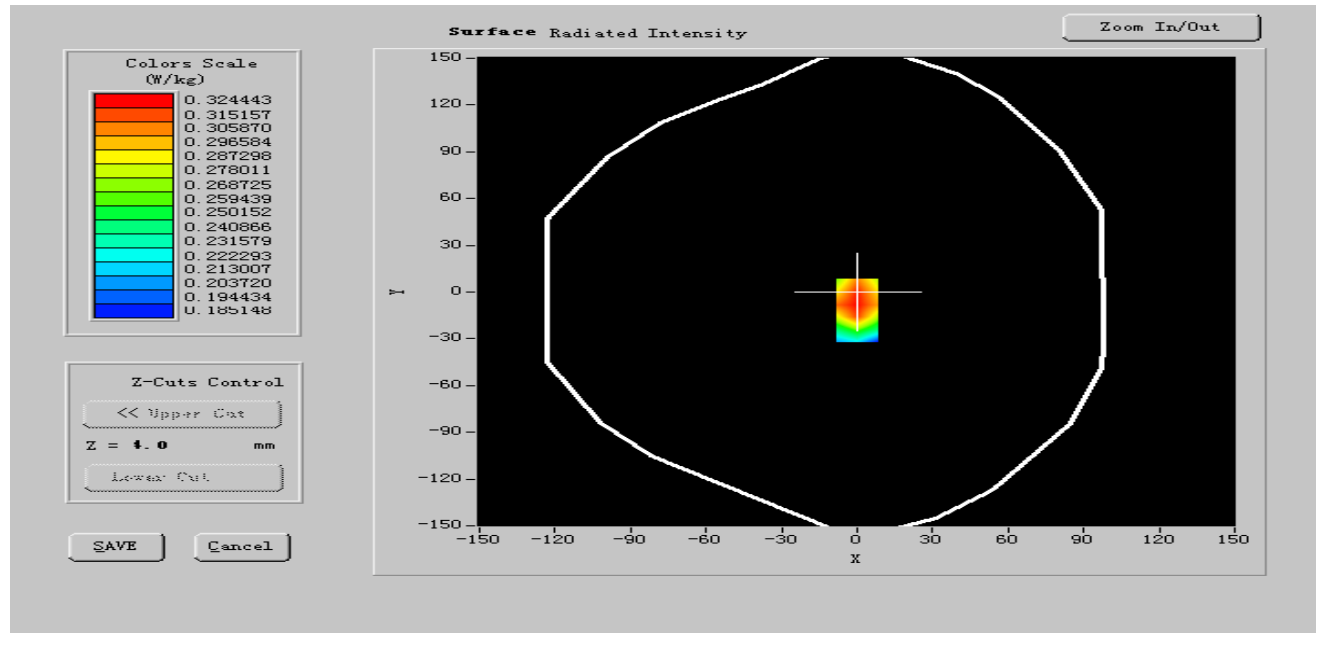
ConvF:

20.00, 19.88, 27.77

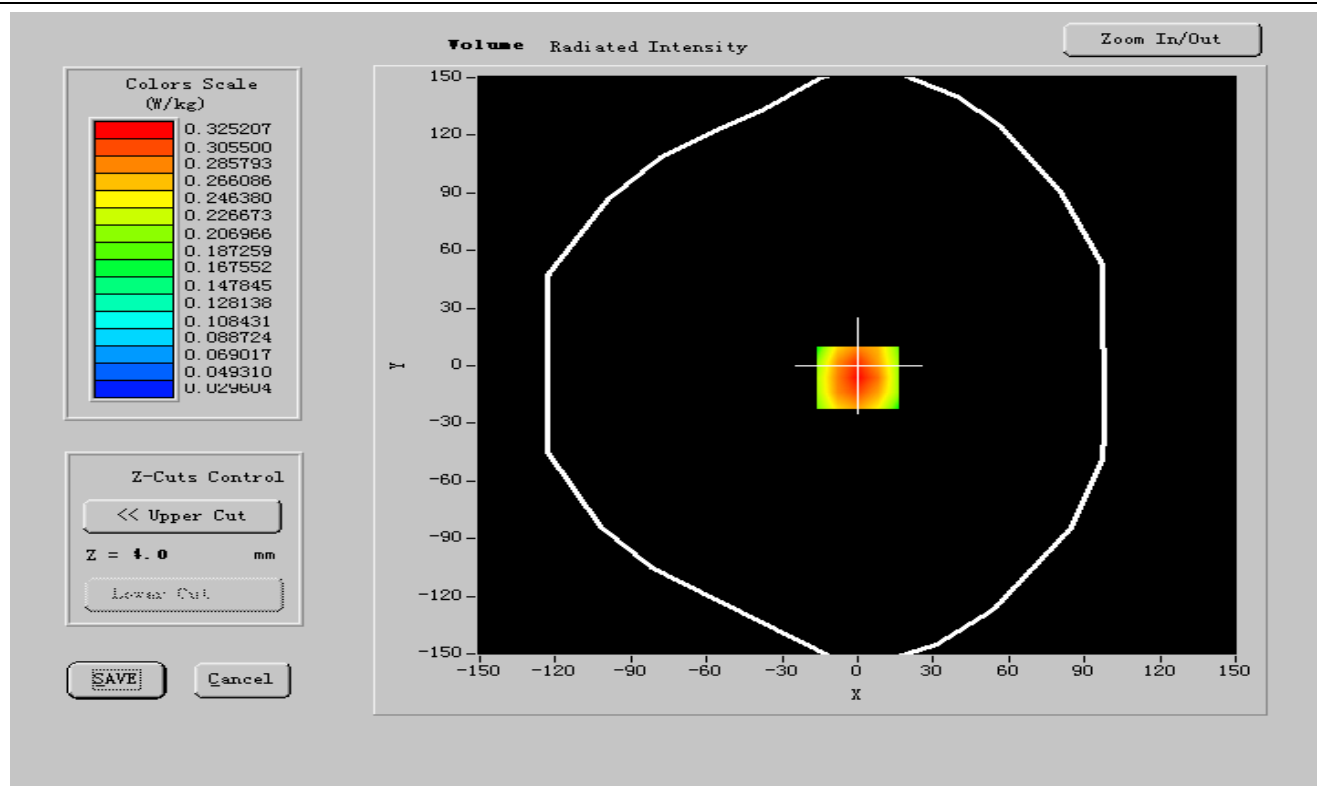
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



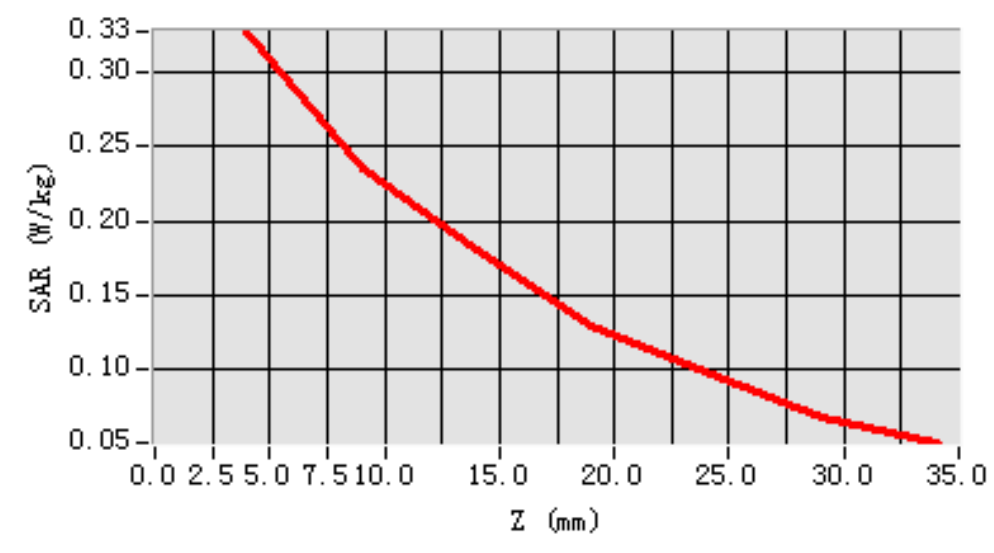


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.102362
SAR 1g (W/Kg)	0.127510

Z Axis Scan

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





MEASUREMENT 19

Date of measurement: 02/20/2011**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	HSDPA BAND V
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

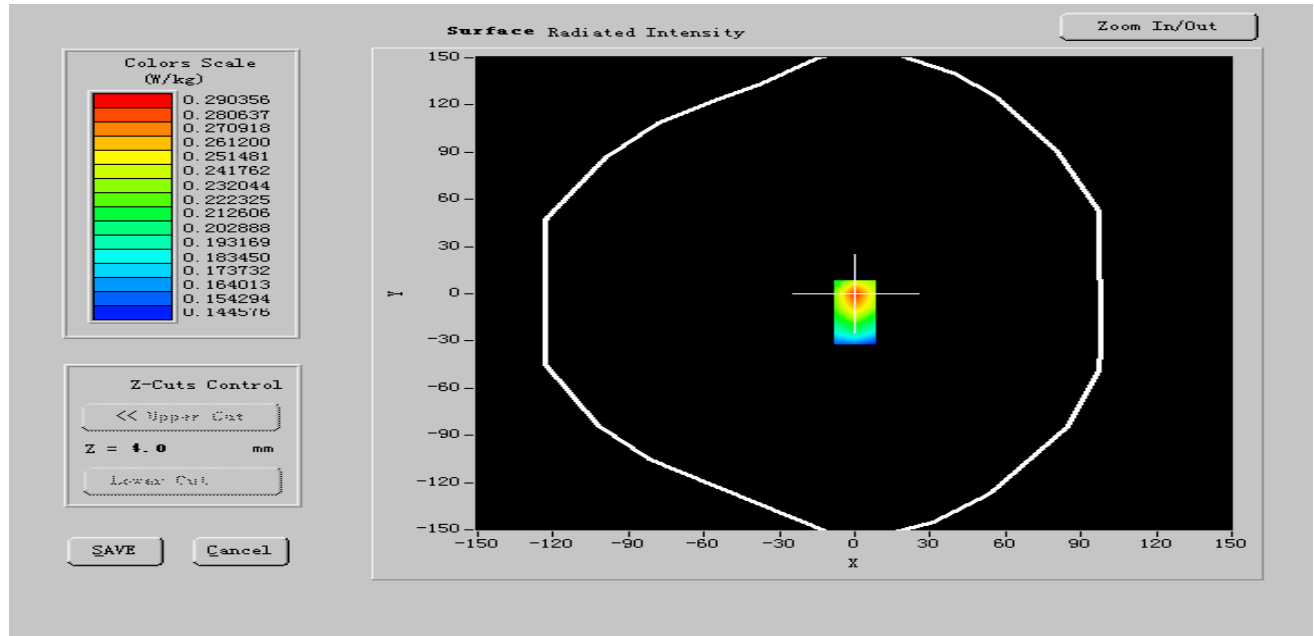
Frequency (MHz)	826.400002
Relative permittivity (real part)	56.523884
Relative permittivity (imaginary part)	21.250339
Conductivity (S/m)	0.971852
Variation (%)	-1.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



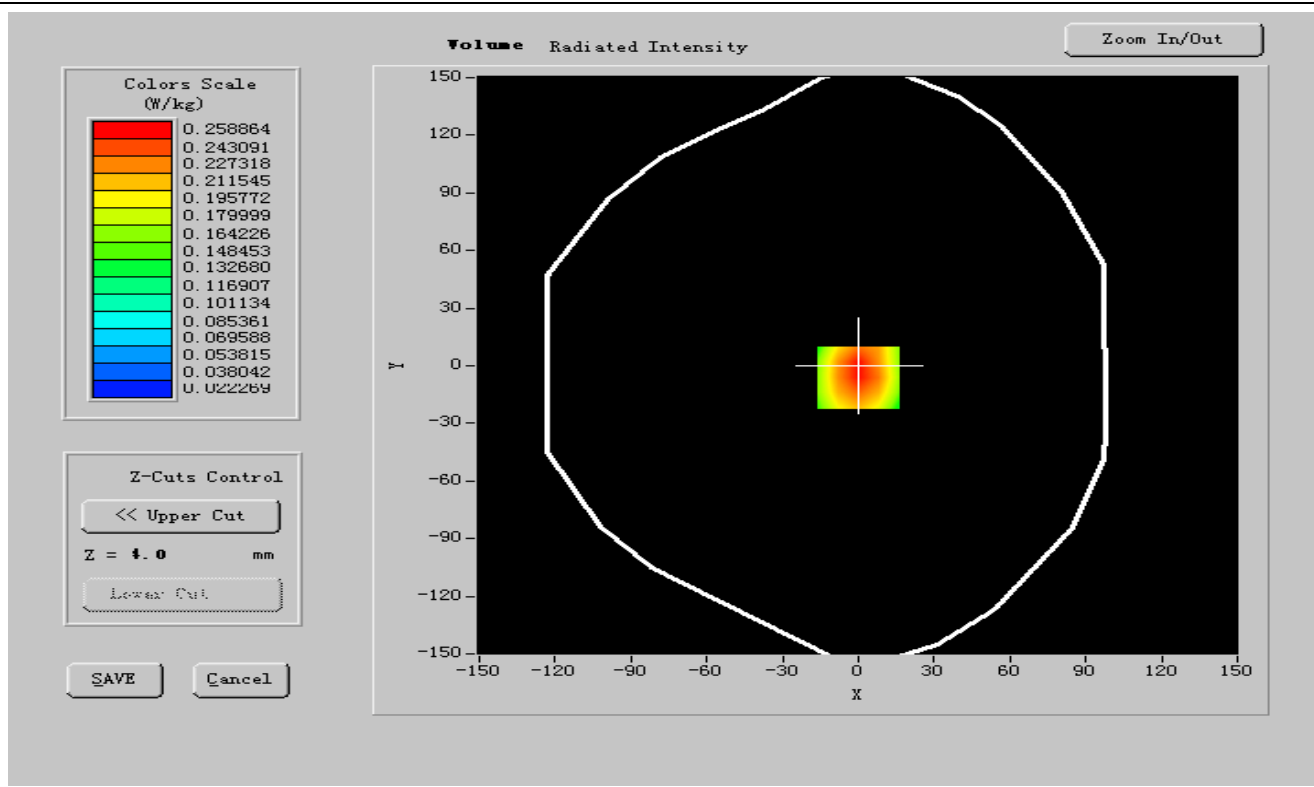
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



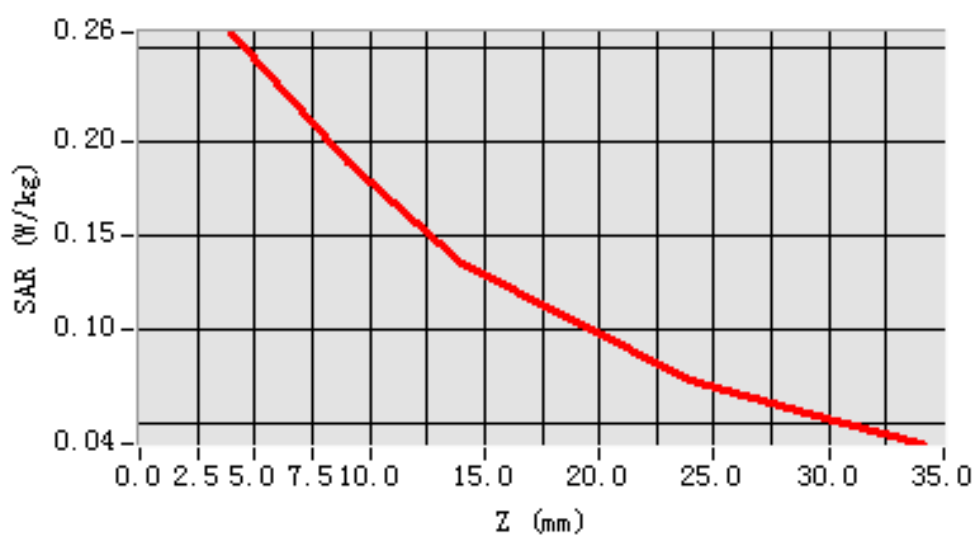


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.091251
SAR 1g (W/Kg)	0.182146

Z Axis Scan

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



**MEASUREMENT 20****Date of measurement: 02/20/2011****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	HSDPA BAND V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

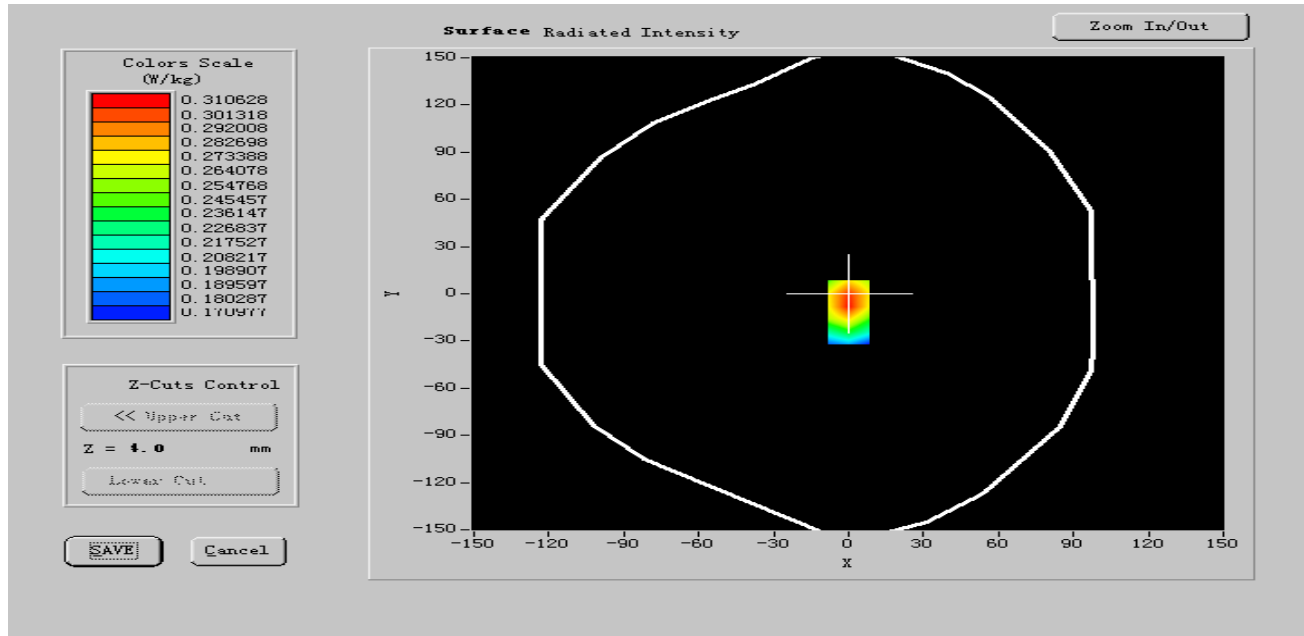
Frequency (MHz)	836.600204
Relative permittivity (real part)	56.500336
Relative permittivity (imaginary part)	21.841775
Conductivity (S/m)	0.974308
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



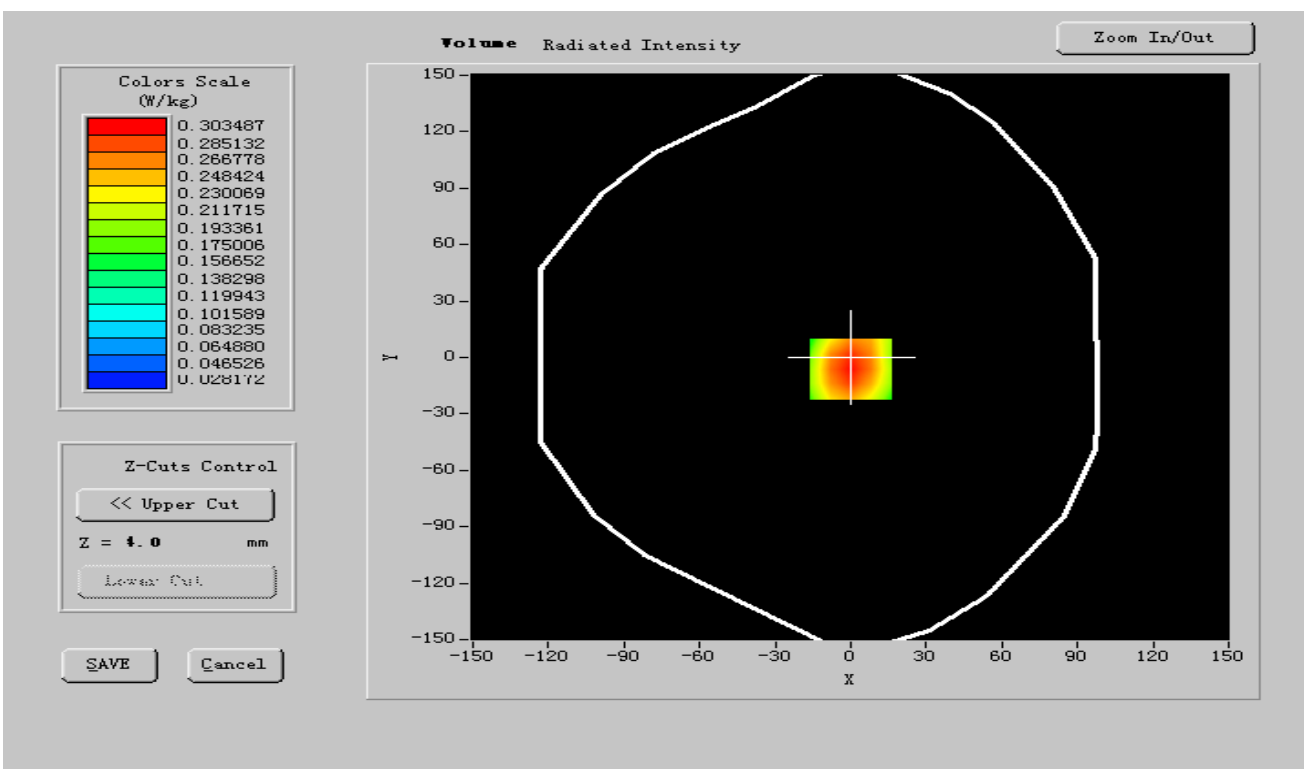
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



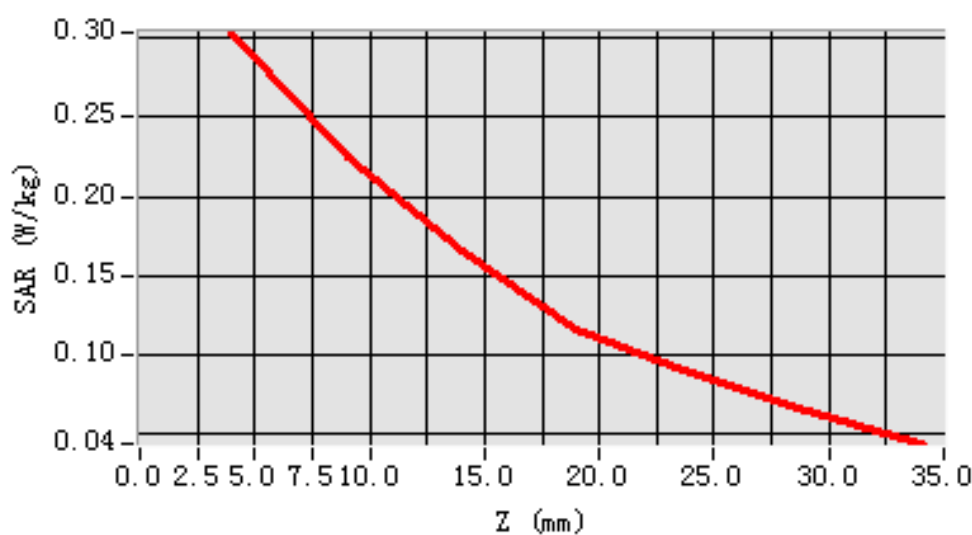


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.151238
SAR 1g (W/Kg)	0.196214

Z Axis Scan

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





MEASUREMENT 21

Date of measurement: 02/20/2011**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	HADPA BAND V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

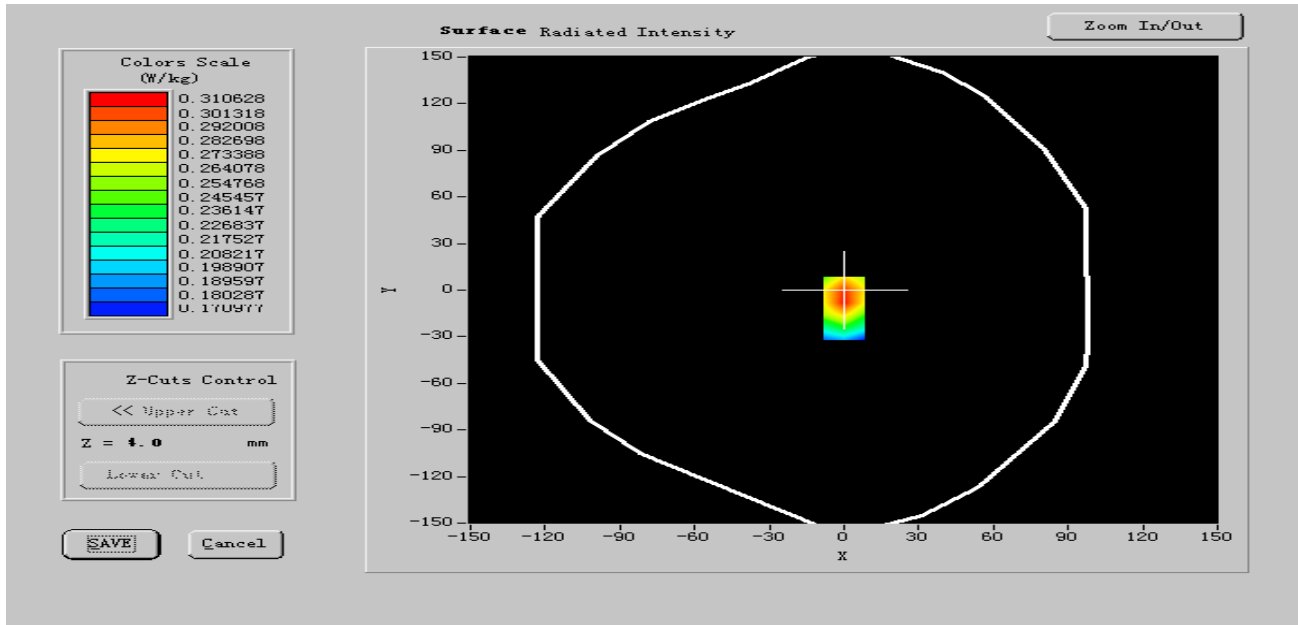
Frequency (MHz)	846.862406
Relative permittivity (real part)	56.524112
Relative permittivity (imaginary part)	21.792205
Conductivity (S/m)	0.973211
Variation (%)	-1.310000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



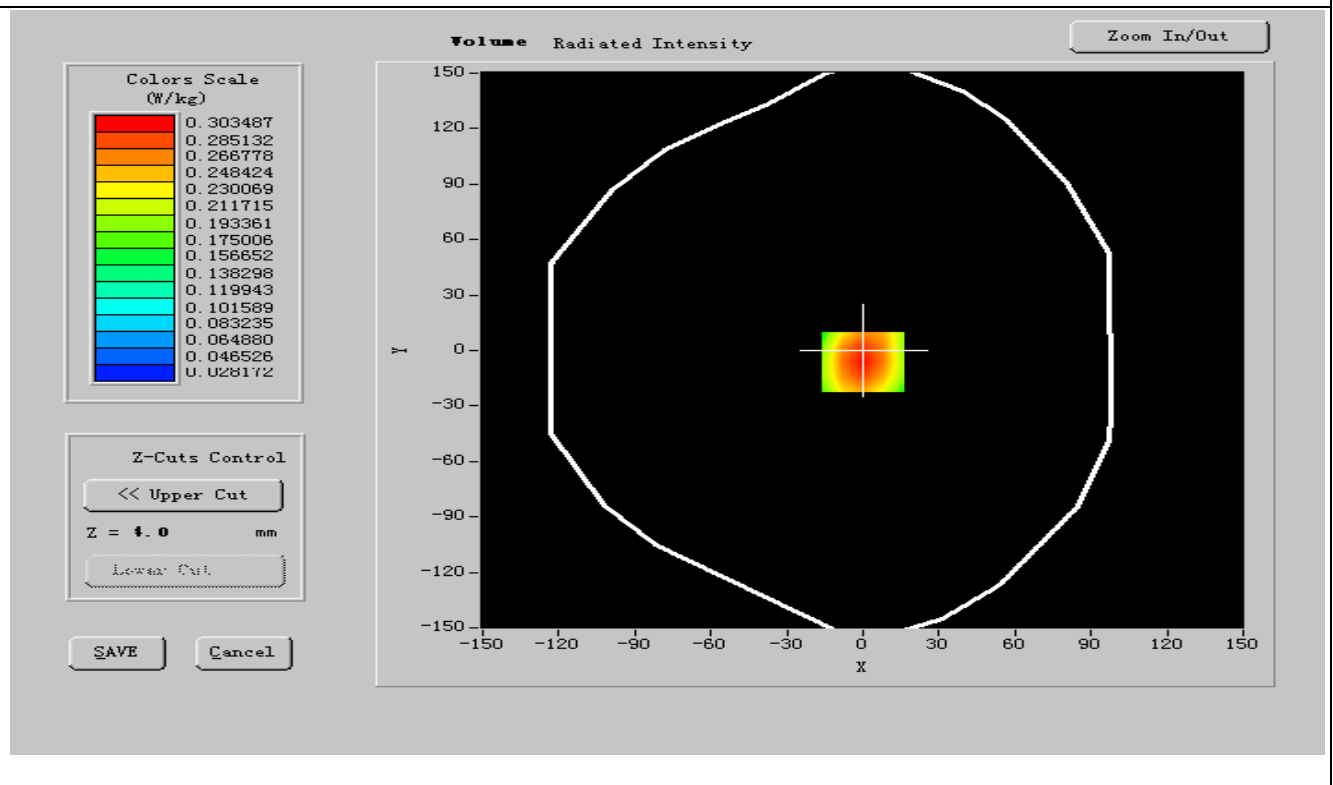
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



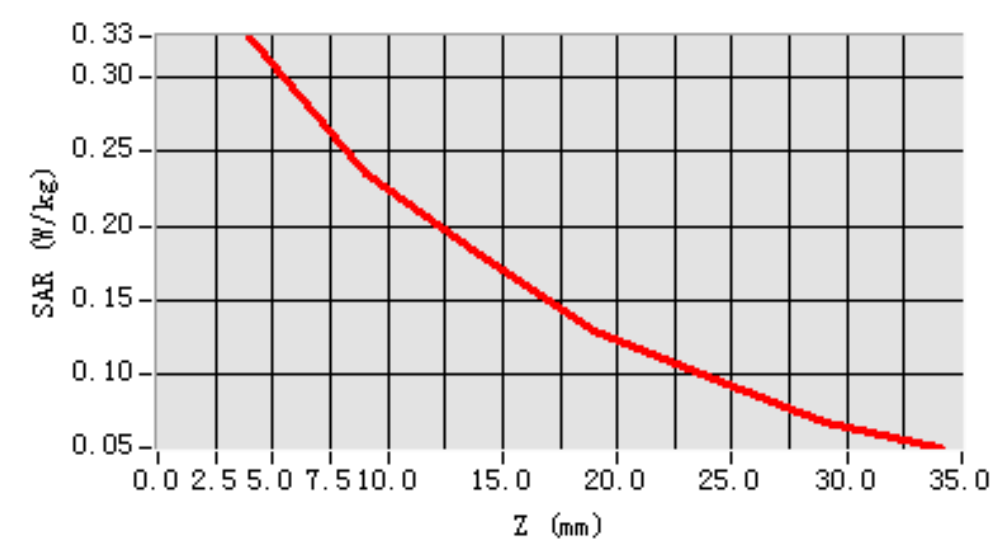


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.120216
SAR 1g (W/Kg)	0.173217

Z Axis Scan

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



**MEASUREMENT 22****Date of measurement: 02/20/2011****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	HSDPA BAND V
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

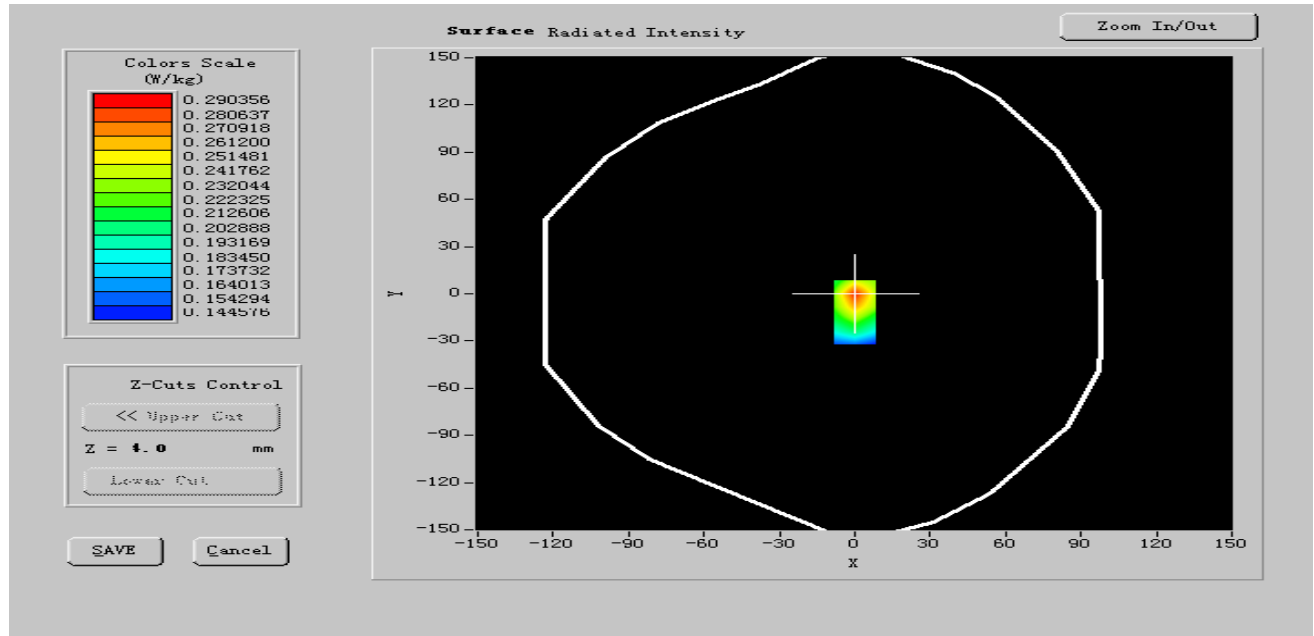
Frequency (MHz)	826.400002
Relative permittivity (real part)	56.523884
Relative permittivity (imaginary part)	21.250339
Conductivity (S/m)	0.971852
Variation (%)	-1.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



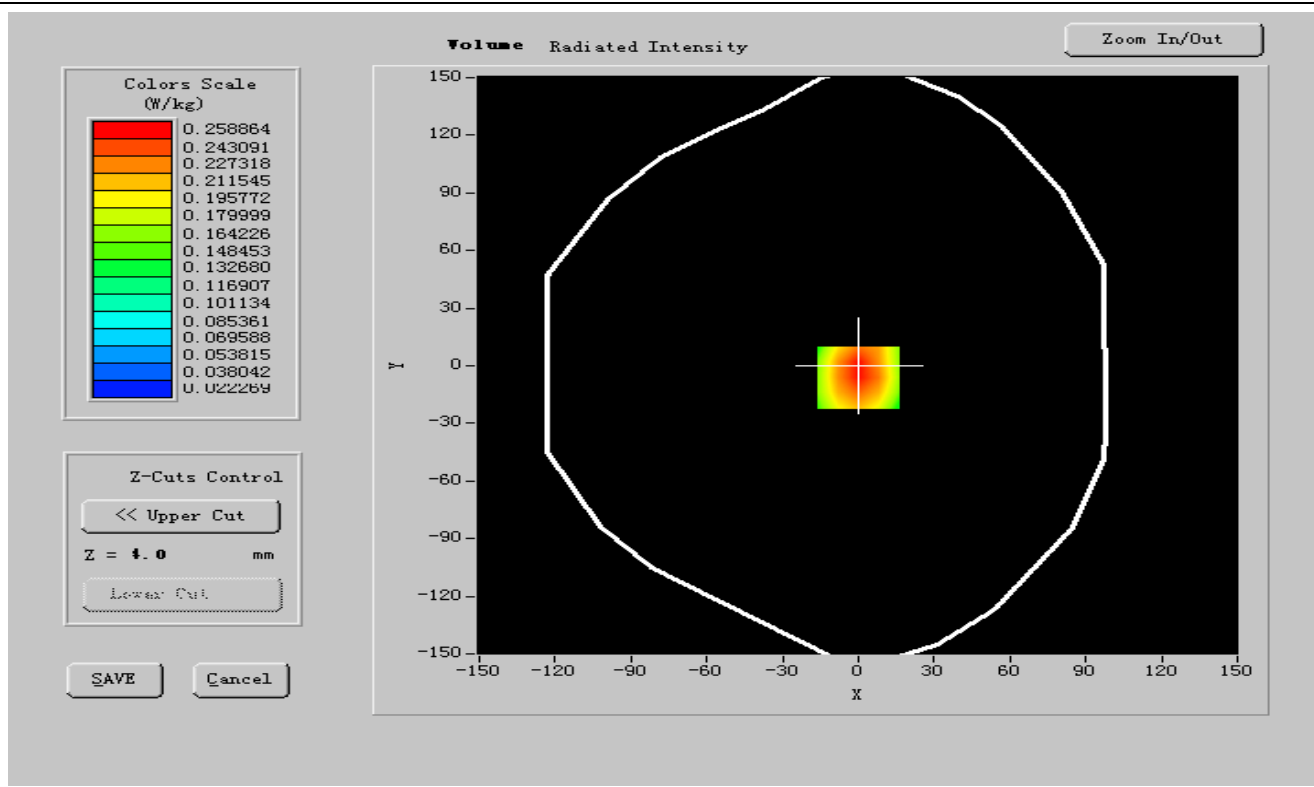
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



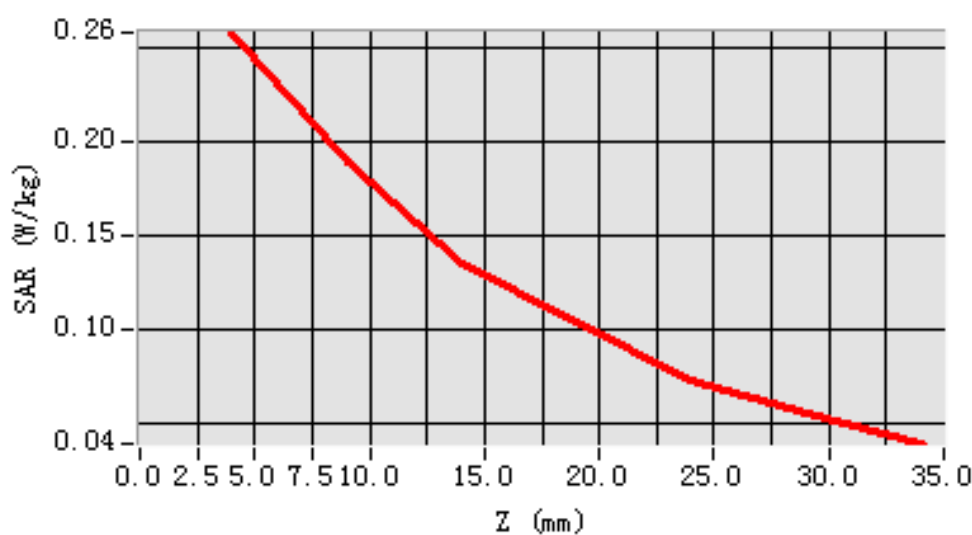


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.095411
SAR 1g (W/Kg)	0.148210

Z Axis Scan

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



**MEASUREMENT 23****Date of measurement: 02/20/2011****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	HSDPA BAND V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

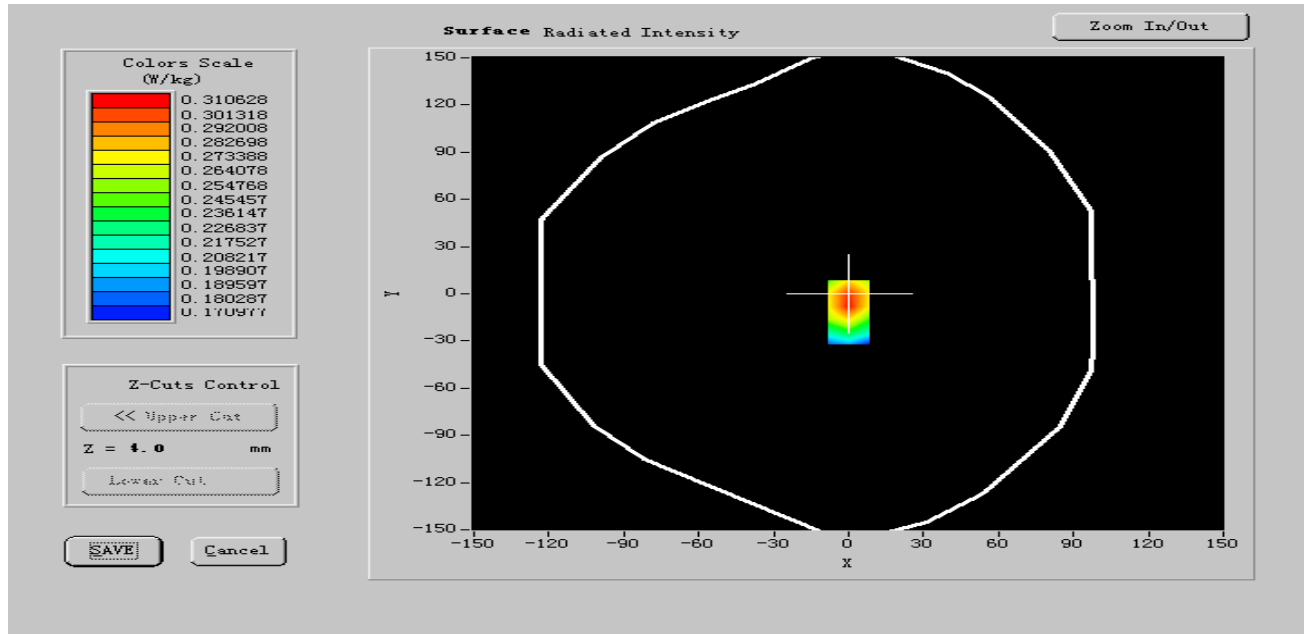
Frequency (MHz)	836.600204
Relative permittivity (real part)	56.502366
Relative permittivity (imaginary part)	21.842713
Conductivity (S/m)	0.973218
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



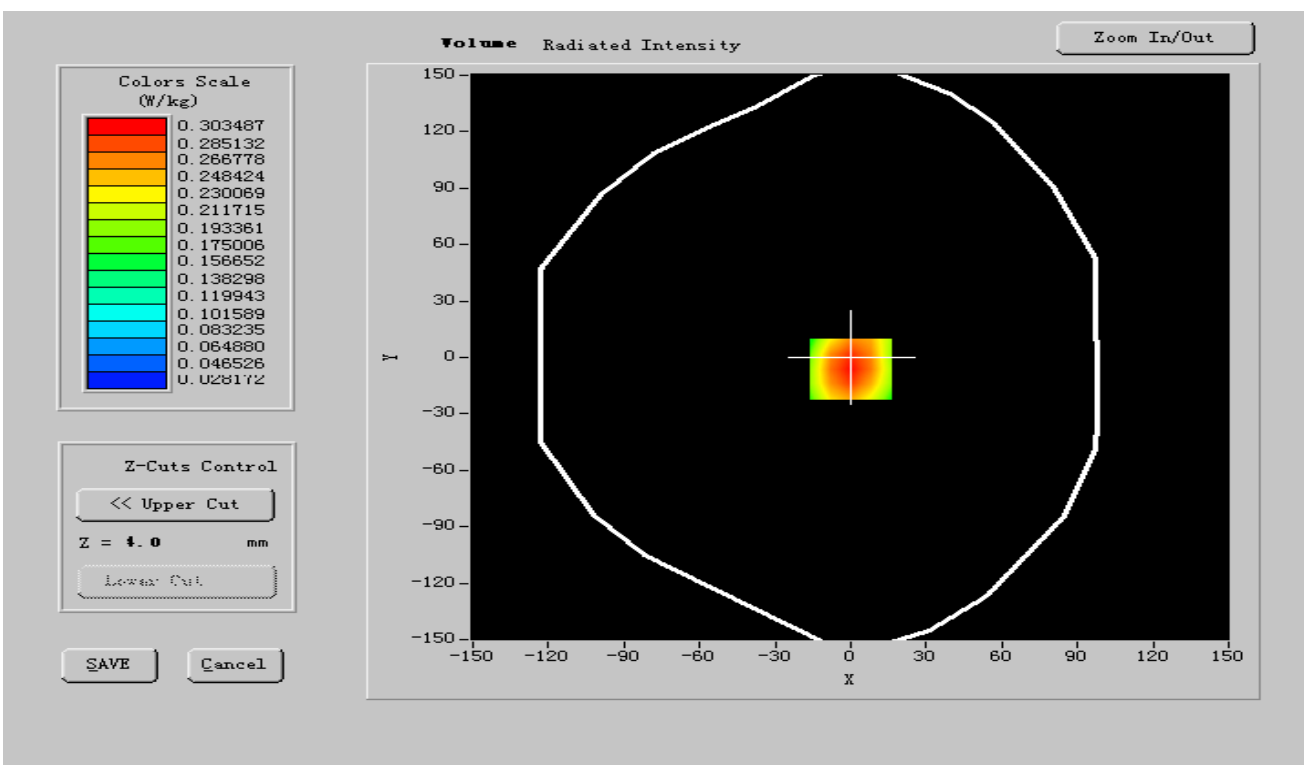
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



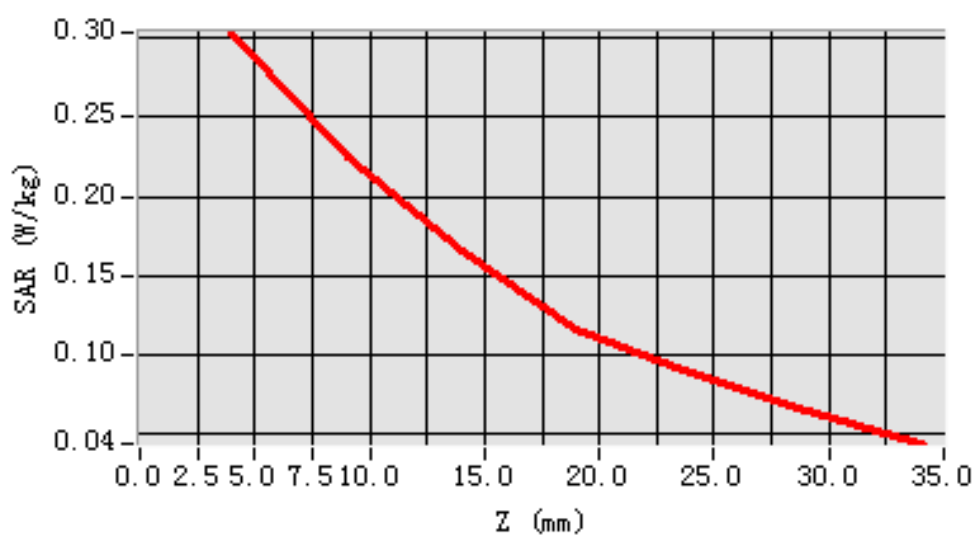


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.152310
SAR 1g (W/Kg)	0.189624

Z Axis Scan

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



**MEASUREMENT 24****Date of measurement: 02/20/2011****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	HADPA BAND V
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 (DIPI32,SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

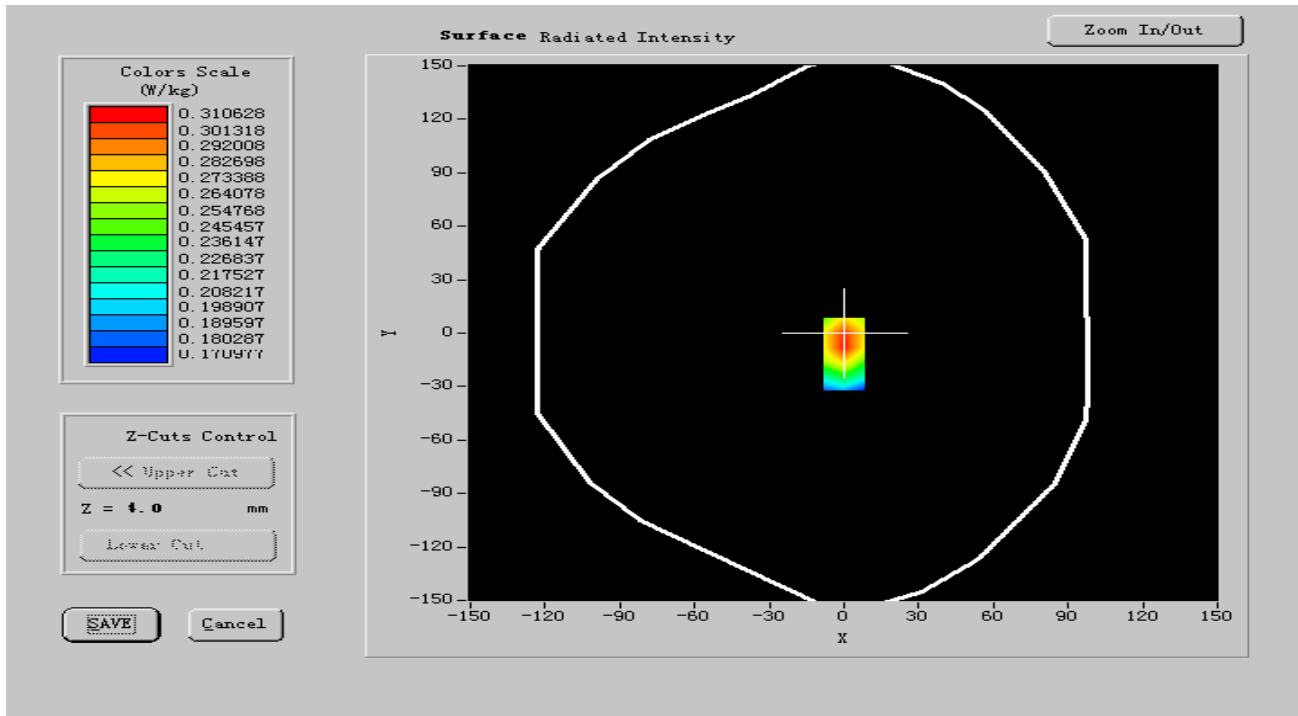
Frequency (MHz)	846.862406
Relative permittivity (real part)	56.526922
Relative permittivity (imaginary part)	21.792135
Conductivity (S/m)	0.974201
Variation (%)	-1.310000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	20.00, 19.88, 27.77



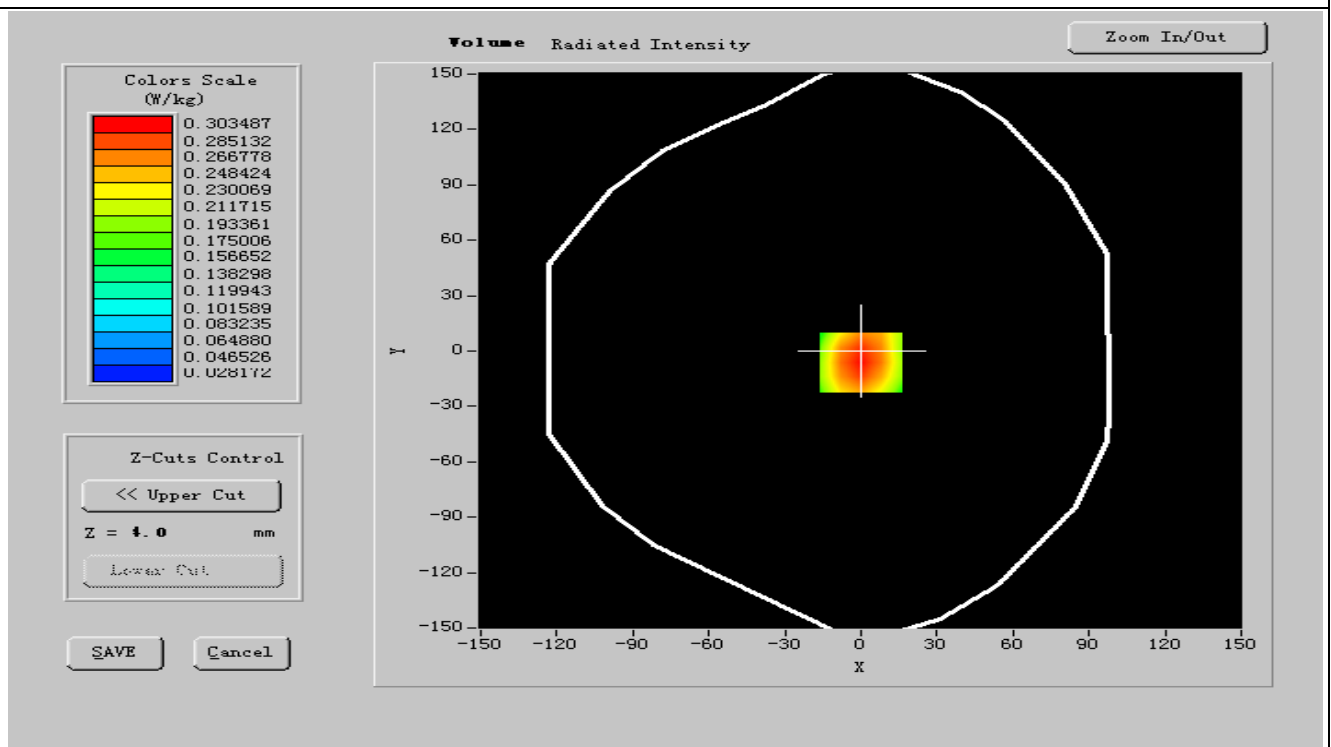
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



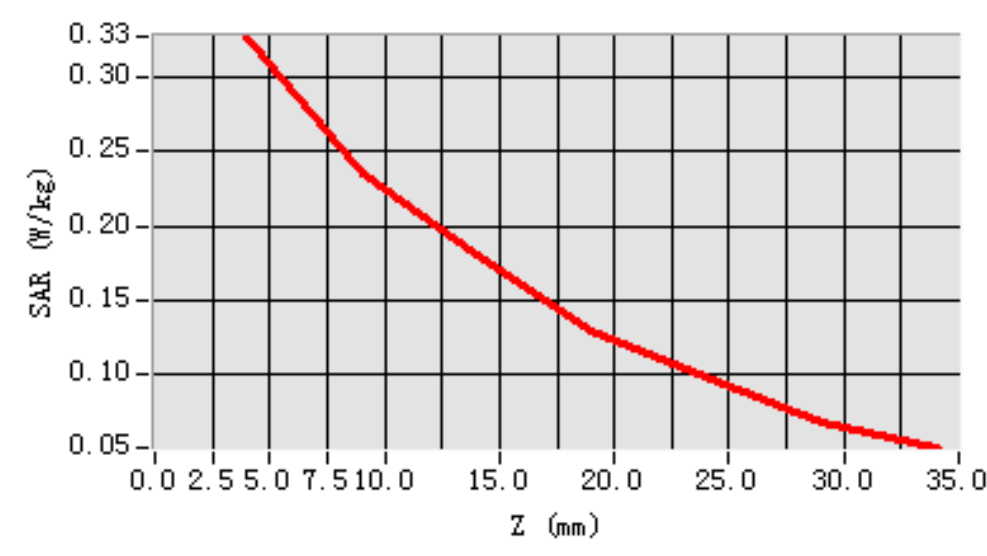


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.123601
SAR 1g (W/Kg)	0.149217

Z Axis Scan

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



**IIII. WCDMA BAND II RESULTS**

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



	Channel in HSDPA BAND II mode <u>Measurement 21:</u> ForntSide toward phantom on High Channel in HSDPA BAND II mode <u>Measurement 22:</u> BackSide toward phantom on Low Channel in HSDPA BAND II mode <u>Measurement 23:</u> BackSide toward phantom on Middle Channel in HSDPA BAND II mode <u>Measurement 24:</u> BackSide toward phantom on High Channel in HSDPA BAND II mode
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MEASUREMENT 1

Date of measurement: 02/20/2011

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	WCDMA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

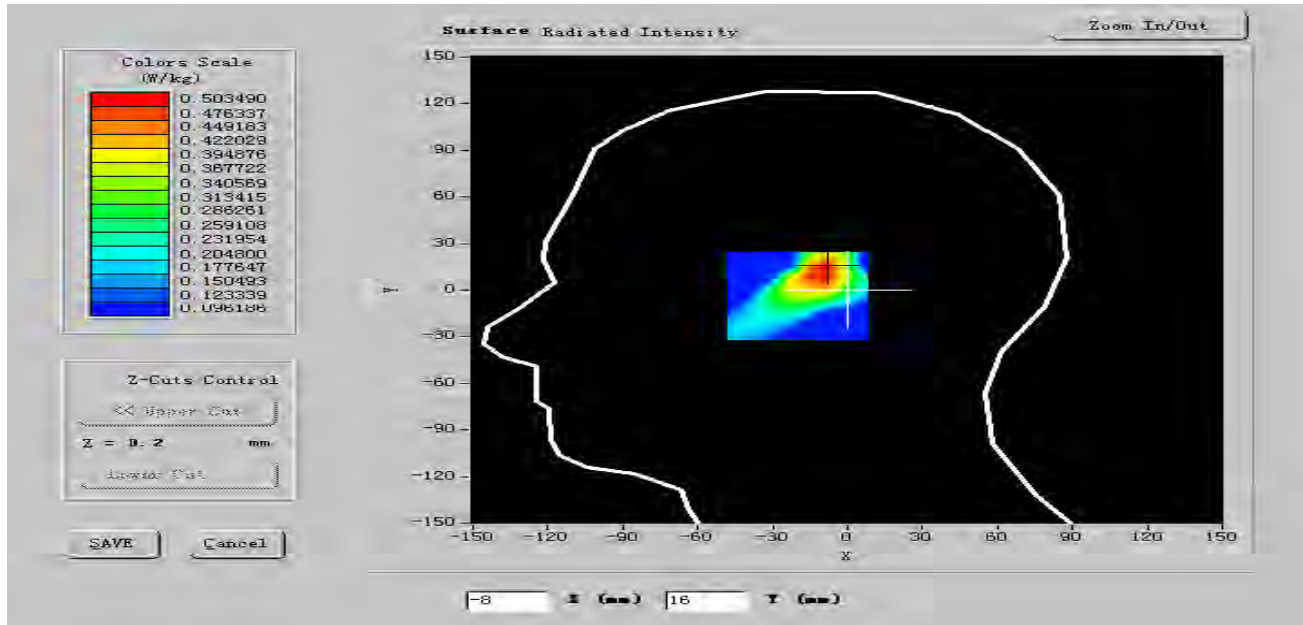
Frequency (MHz)	1852.400024
Relative permittivity (real part)	40.301044
Relative permittivity (imaginary part)	13.546011
Conductivity (S/m)	1.442061
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44



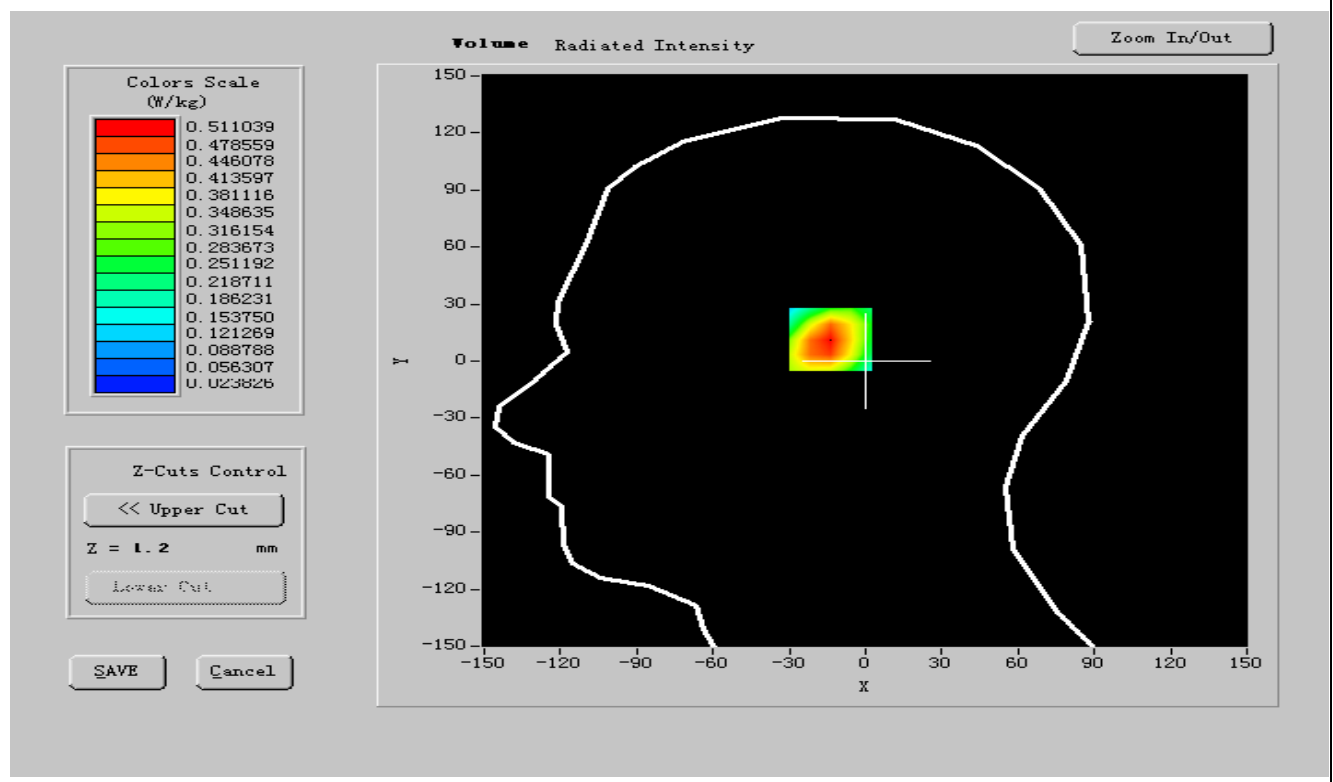
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



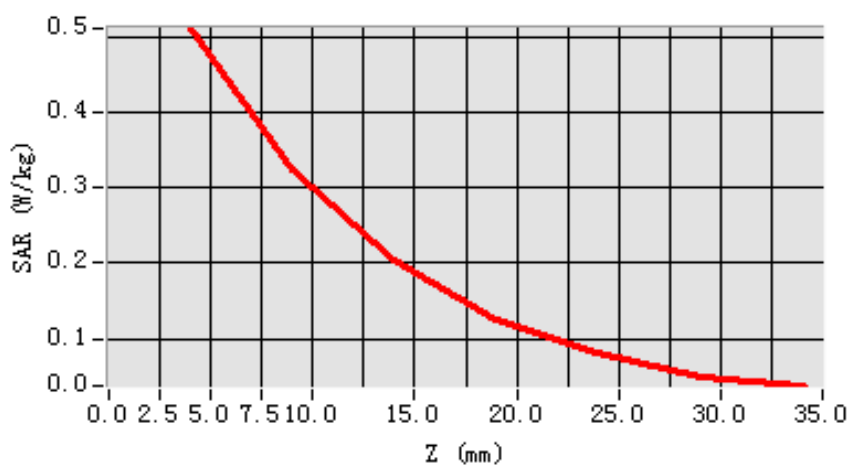


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.314061
SAR 1g (W/Kg)	0.650120

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 2

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

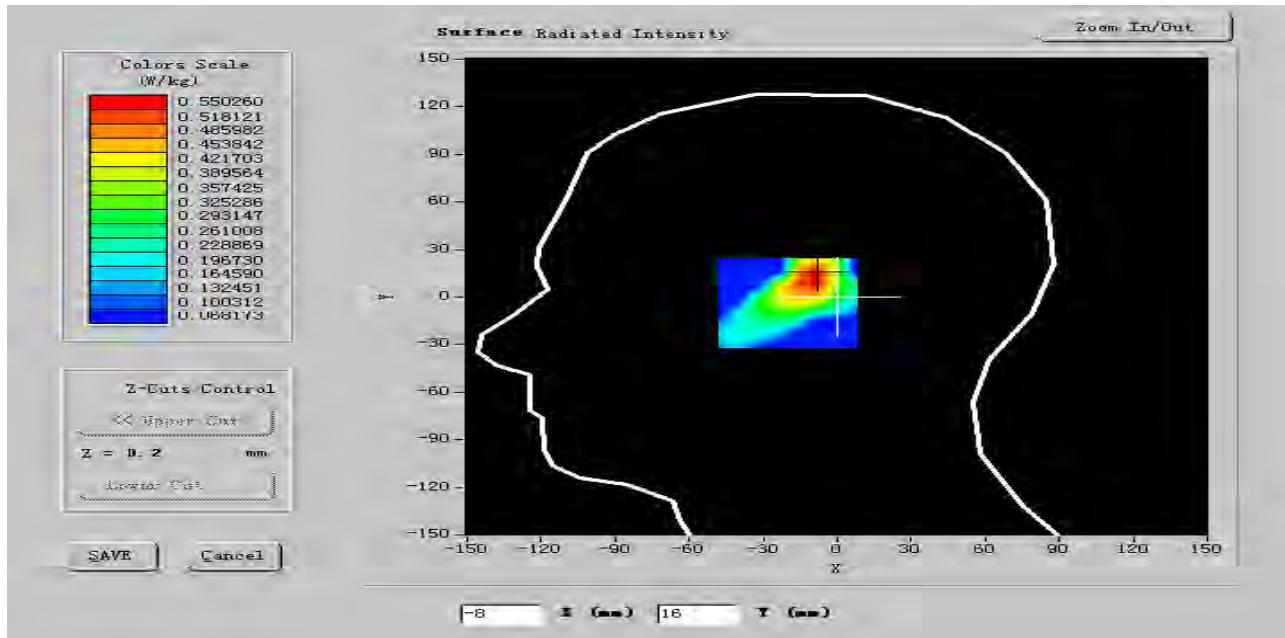
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.212312
Relative permittivity (imaginary part)	13.845205
Conductivity (S/m)	1.423189
Variation (%)	-0.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44



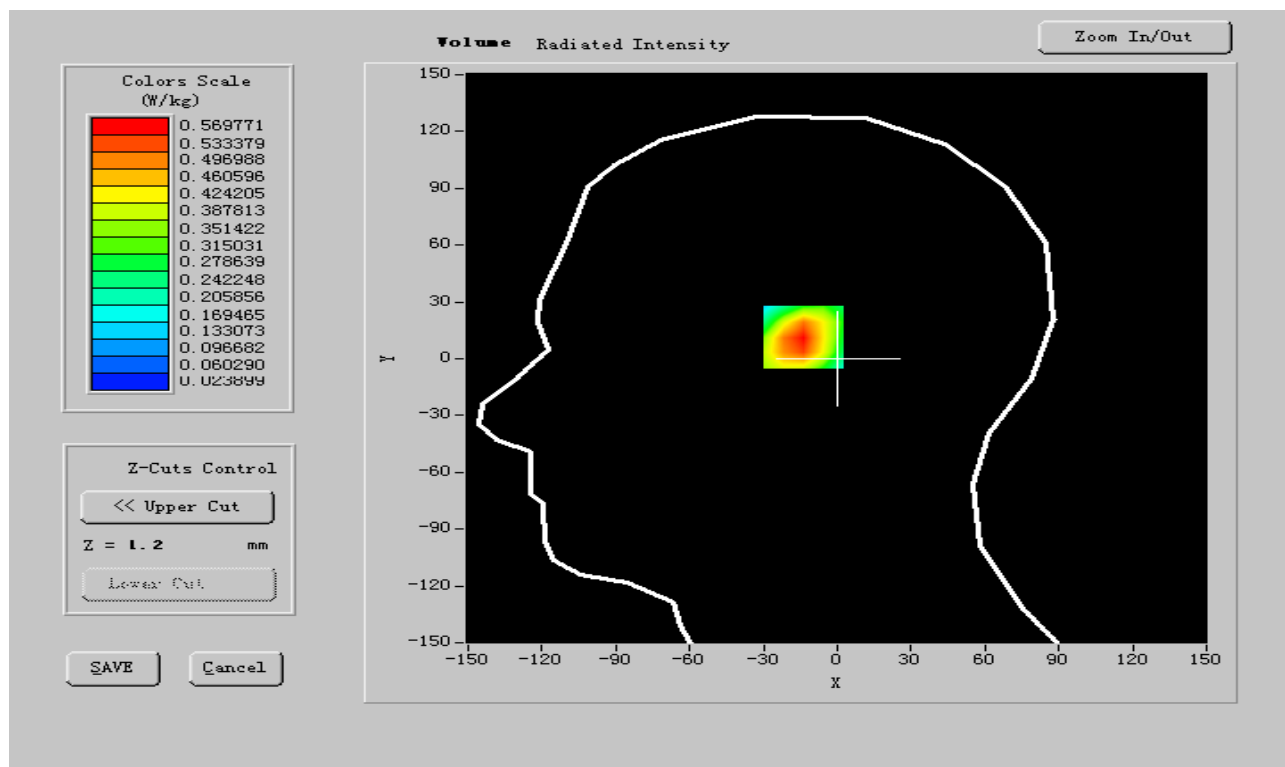
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



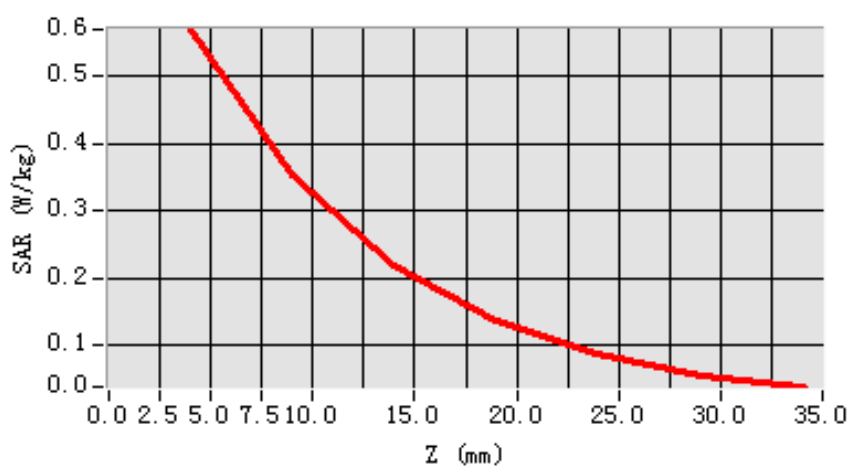


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.332011
SAR 1g (W/Kg)	0.674127

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 3

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1907.600216
Relative permittivity (real part)	40.212223
Relative permittivity (imaginary part)	13.646200
Conductivity (S/m)	1.441084
Variation (%)	-0.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



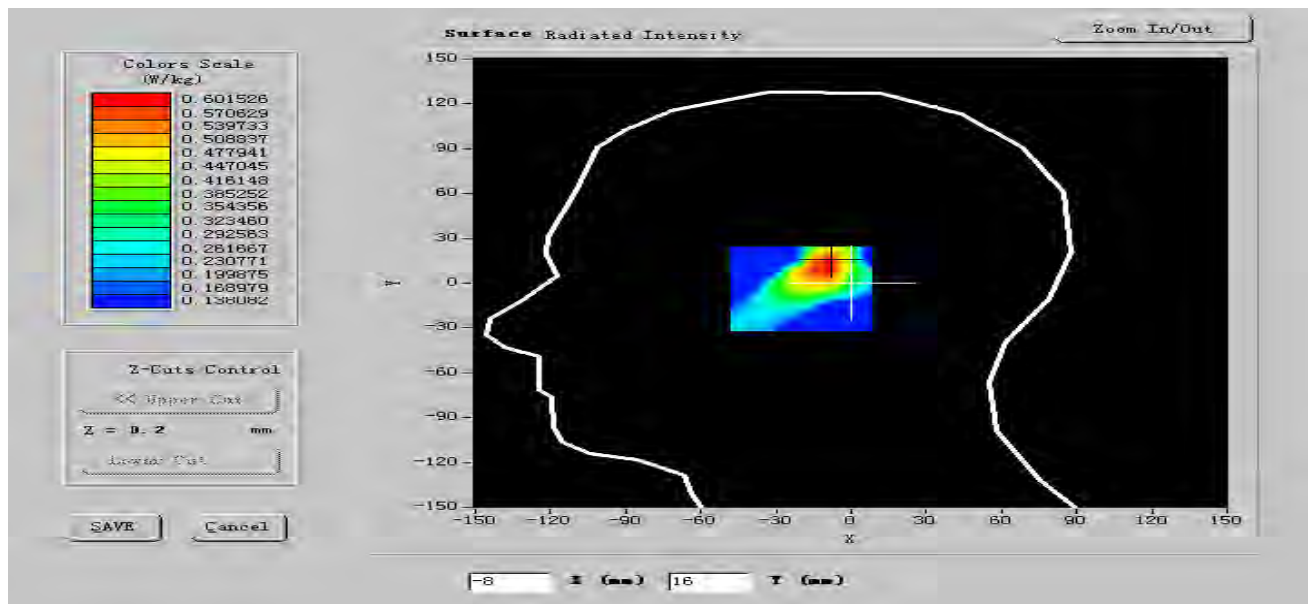
ConvF:

41.91, 43.15, 56.44

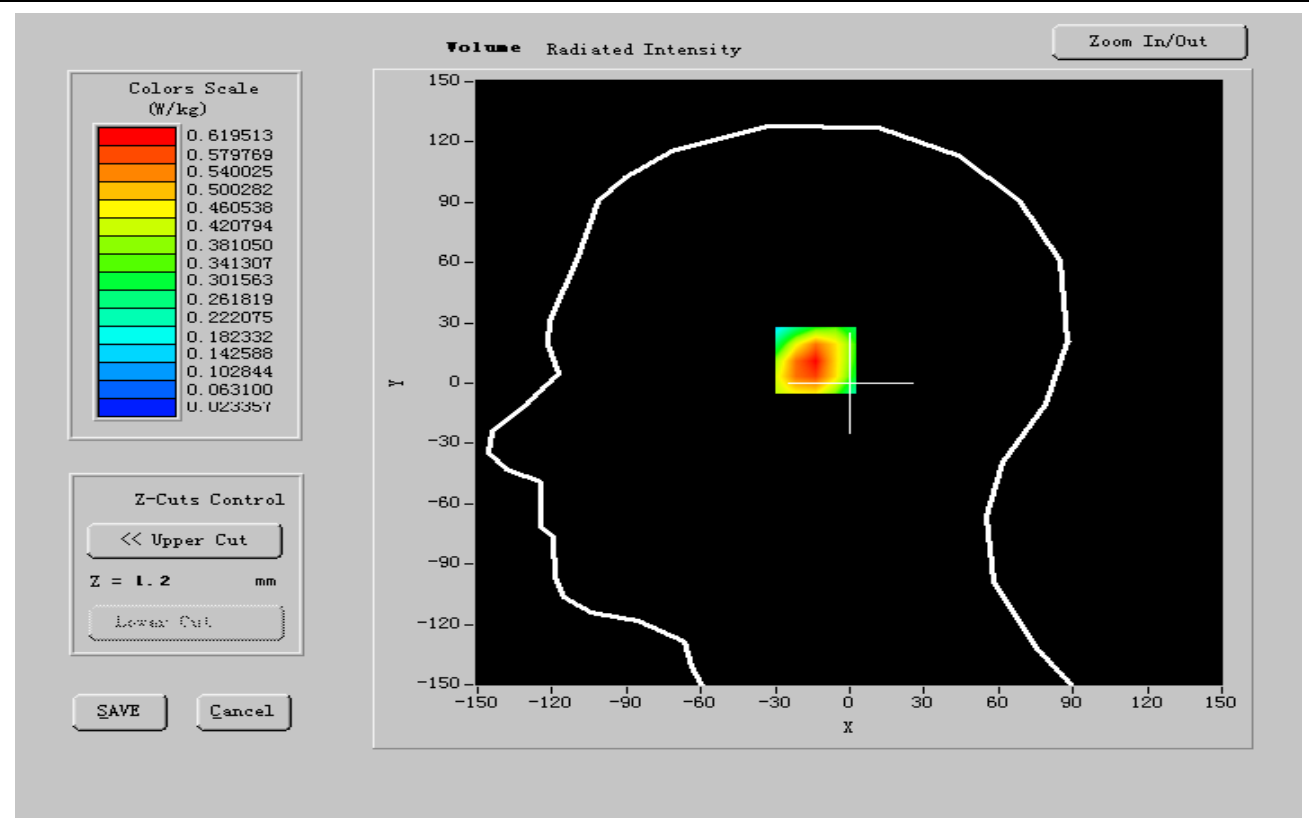
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



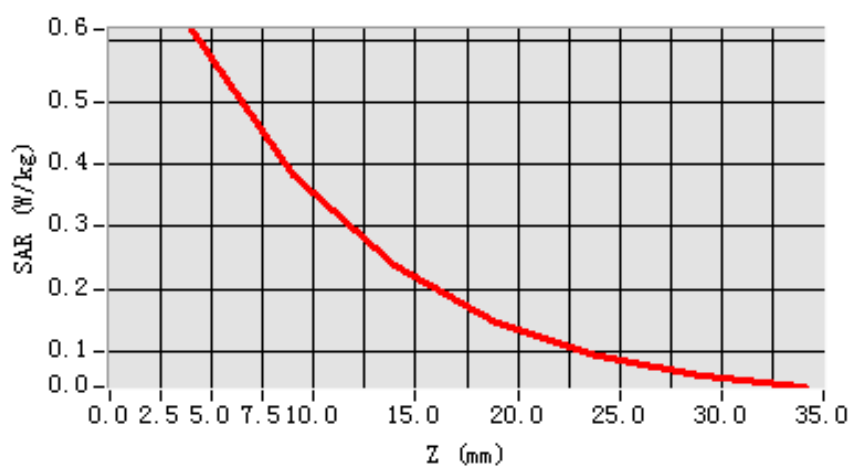


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.351412
SAR 1g (W/Kg)	0.652306

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)



**MEASUREMENT 4****Date of measurement: 02/20/2011****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	WCDMA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

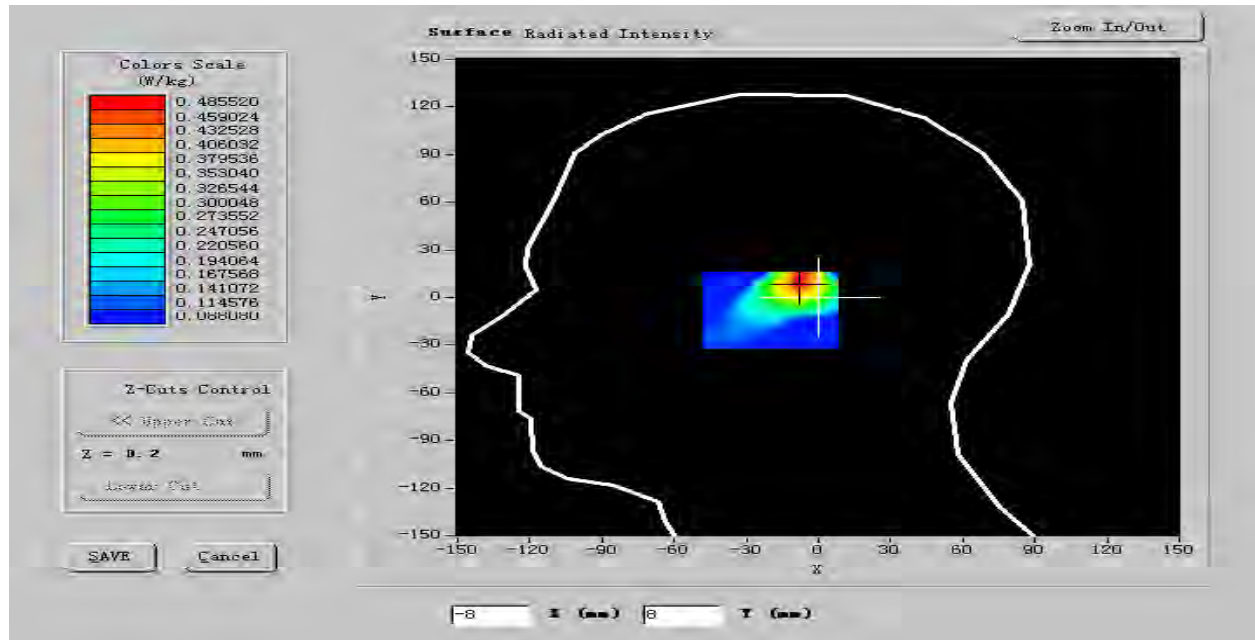
Frequency (MHz)	1852.400020
Relative permittivity (real part)	40.223128
Relative permittivity (imaginary part)	13.594106
Conductivity (S/m)	1.442113
Variation (%)	-1.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44



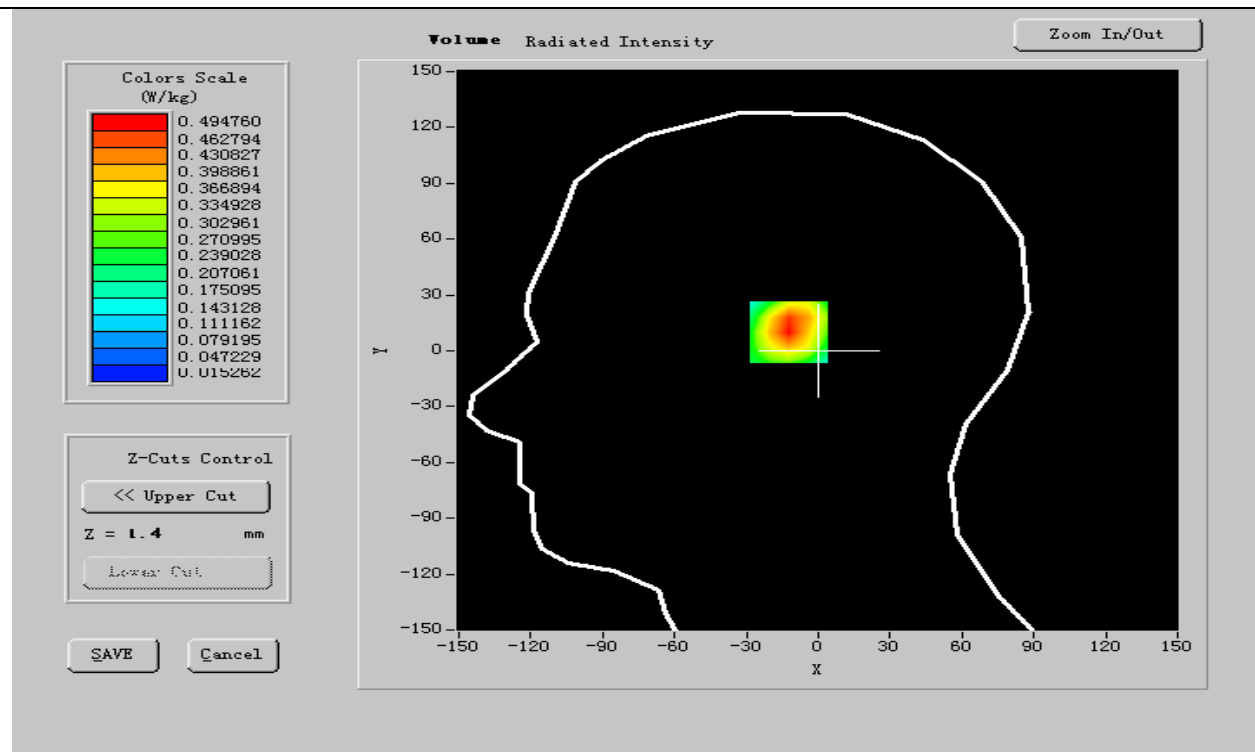
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



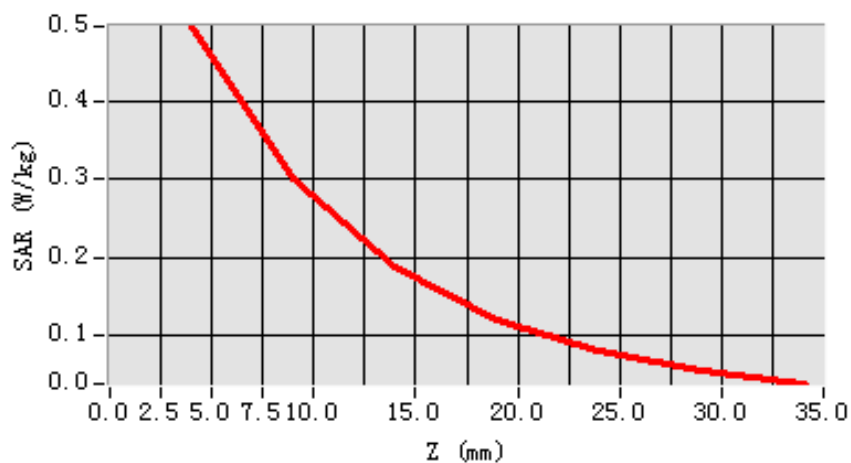


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.122317
SAR 1g (W/Kg)	0.294712

Z Axis Scan

SAR, Z Axis Scan (X = -8, Y = 10)





MEASUREMENT 5

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.212351
Relative permittivity (imaginary part)	13.792158
Conductivity (S/m)	1.442023
Variation (%)	-0.450000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



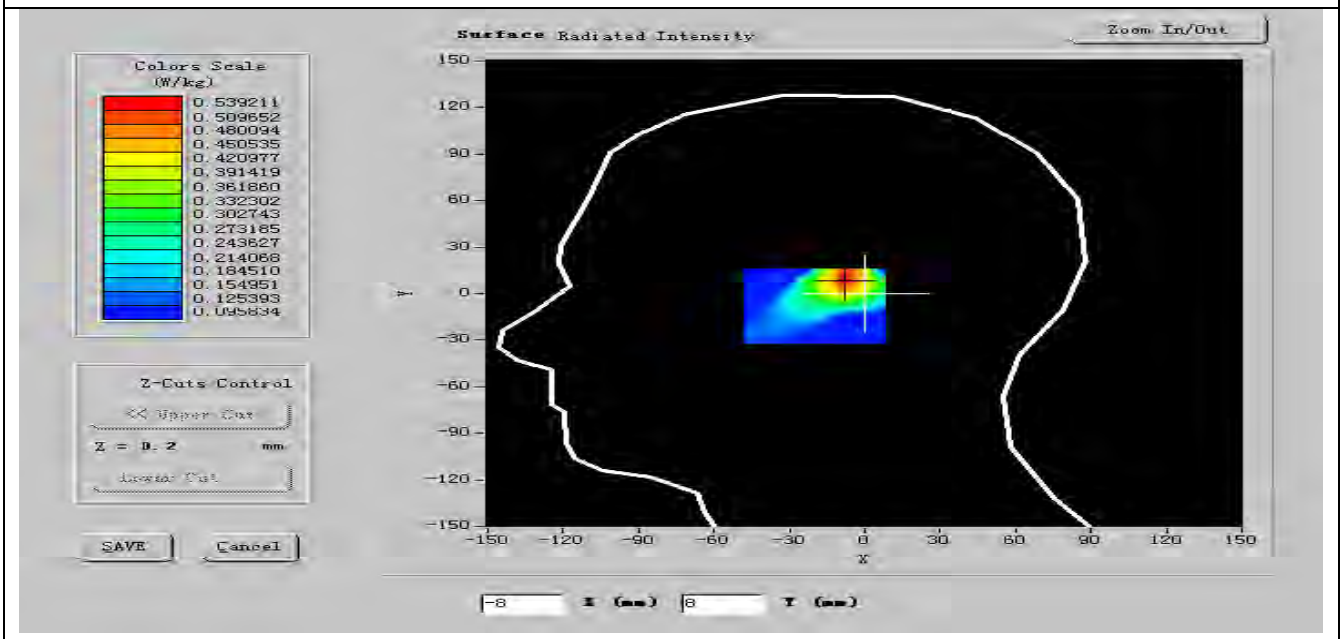
ConvF:

41.91, 43.15, 56.44

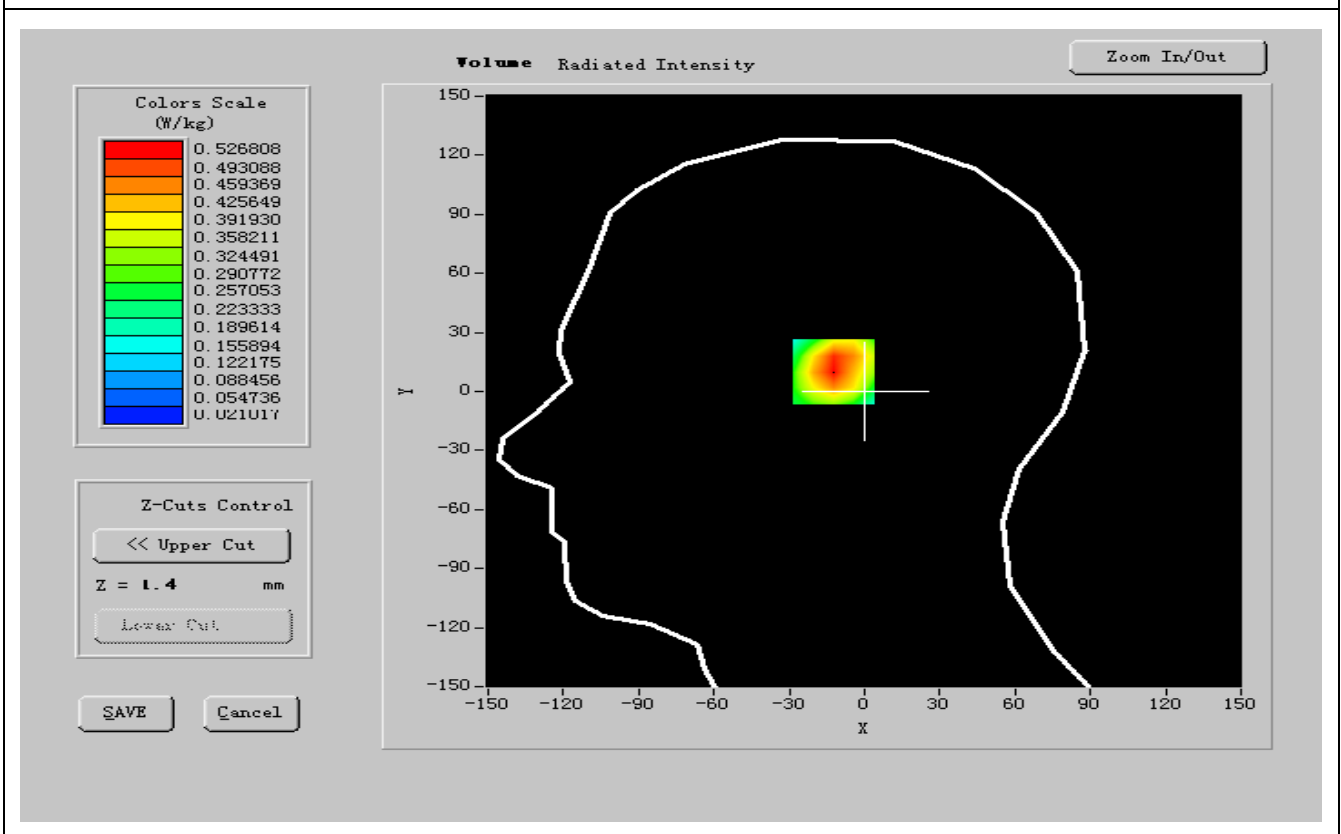
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



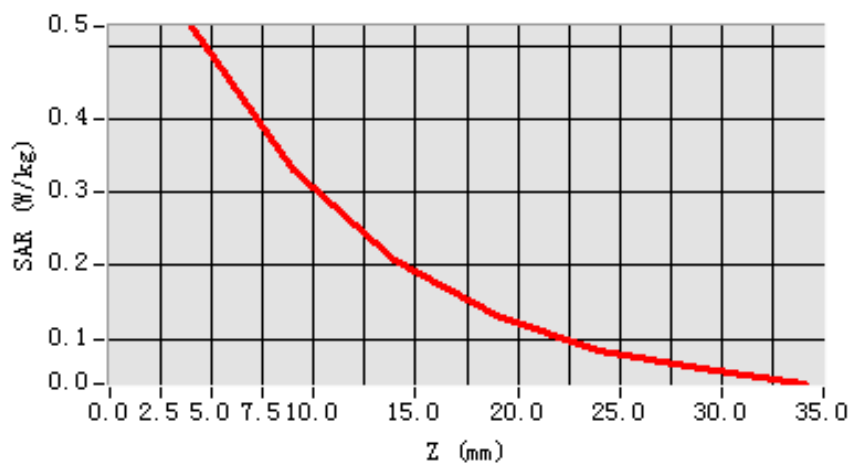


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.163212
SAR 1g (W/Kg)	0.315497

Z Axis Scan

SAR, Z Axis Scan (X = -8, Y = 10)





MEASUREMENT 6

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1907.600216
Relative permittivity (real part)	40.212115
Relative permittivity (imaginary part)	13.220903
Conductivity (S/m)	1.443118
Variation (%)	-1.500000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



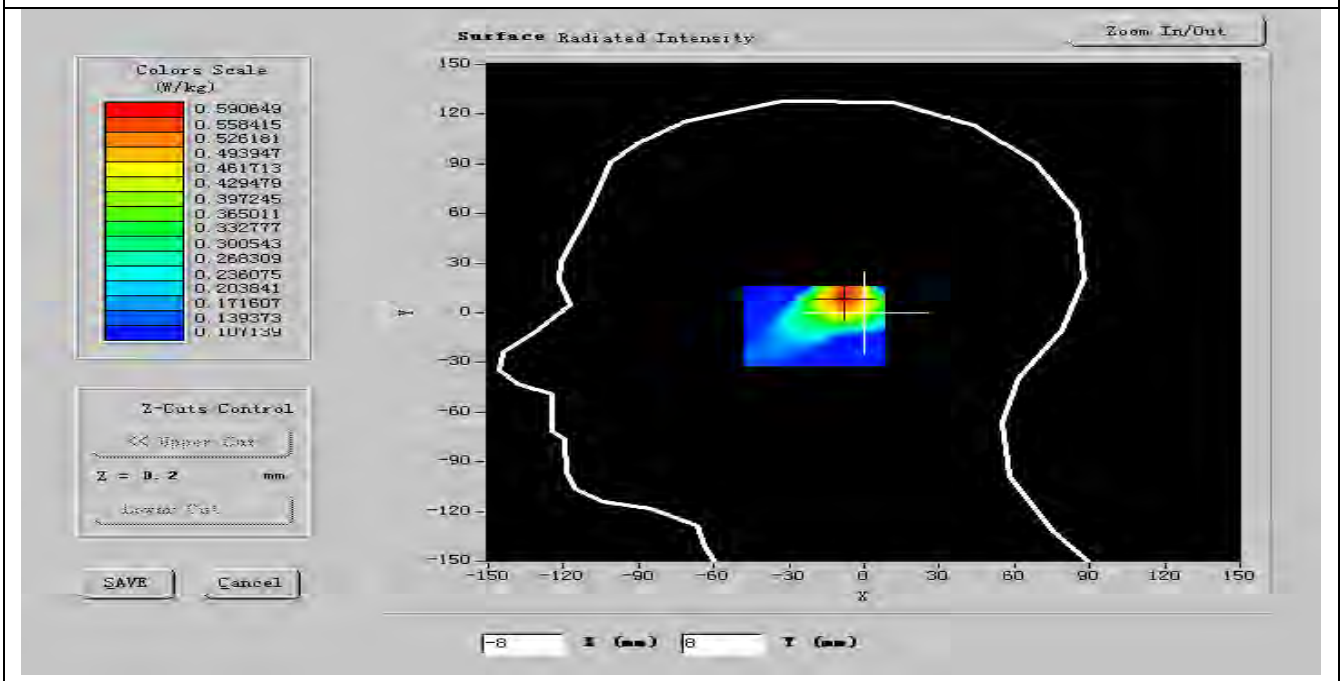
ConvF:

41.91, 43.15, 56.44

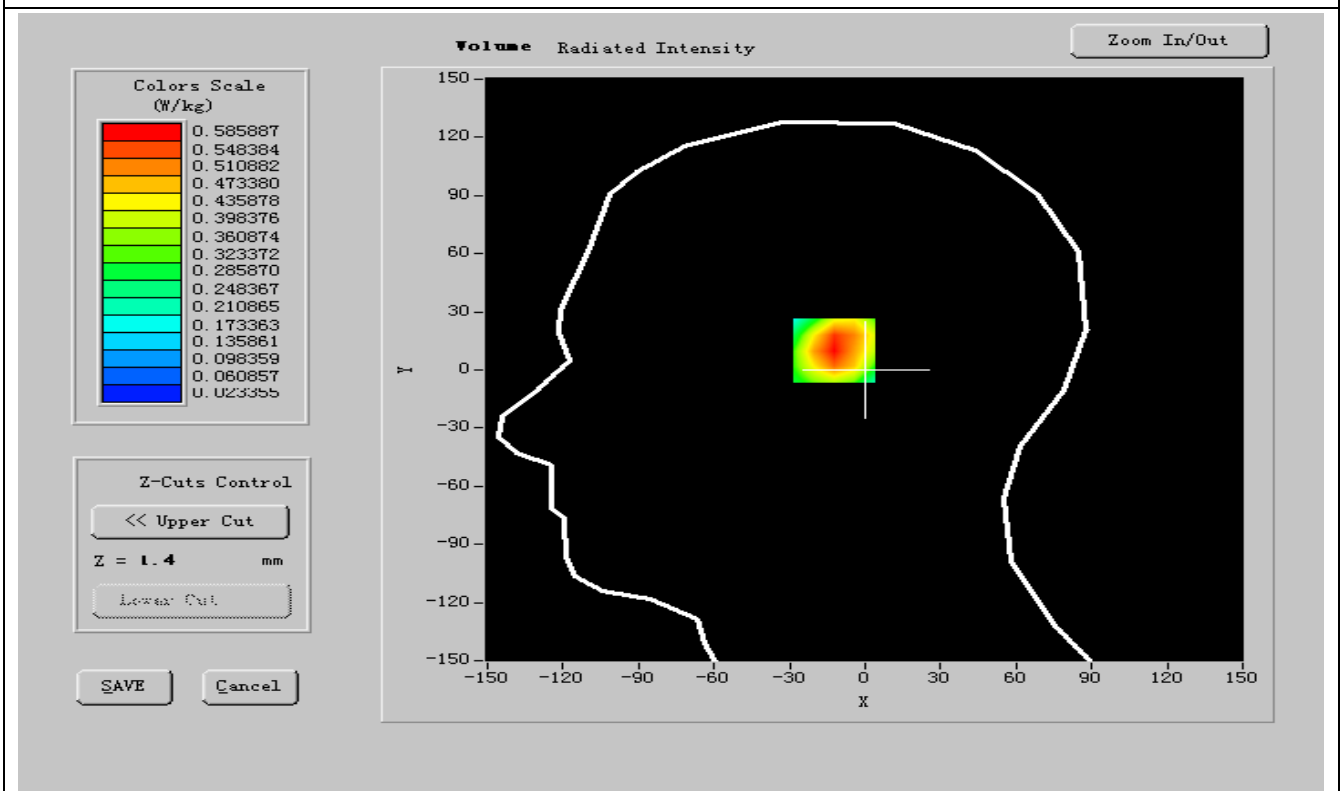
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



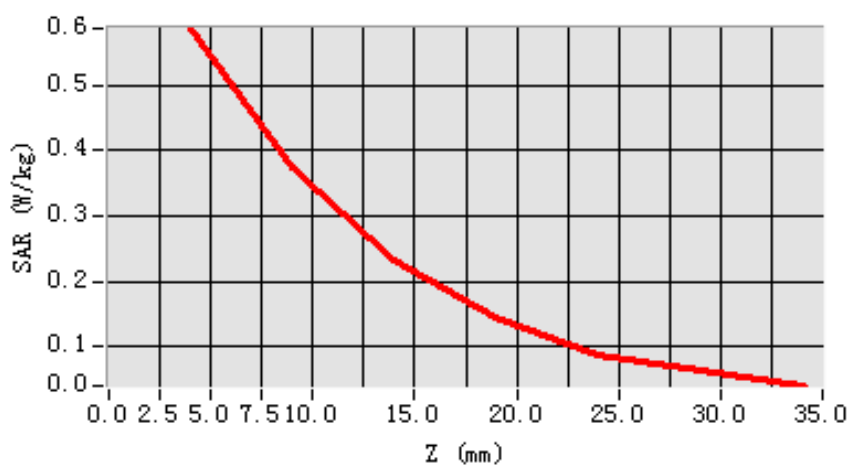


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.130211
SAR 1g (W/Kg)	0.271420

Z Axis Scan

SAR, Z Axis Scan (X = -8, Y = 10)





MEASUREMENT 7

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1852.400001
Relative permittivity (real part)	40.212058
Relative permittivity (imaginary part)	13.583000
Conductivity (S/m)	1.440144
Variation (%)	0.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



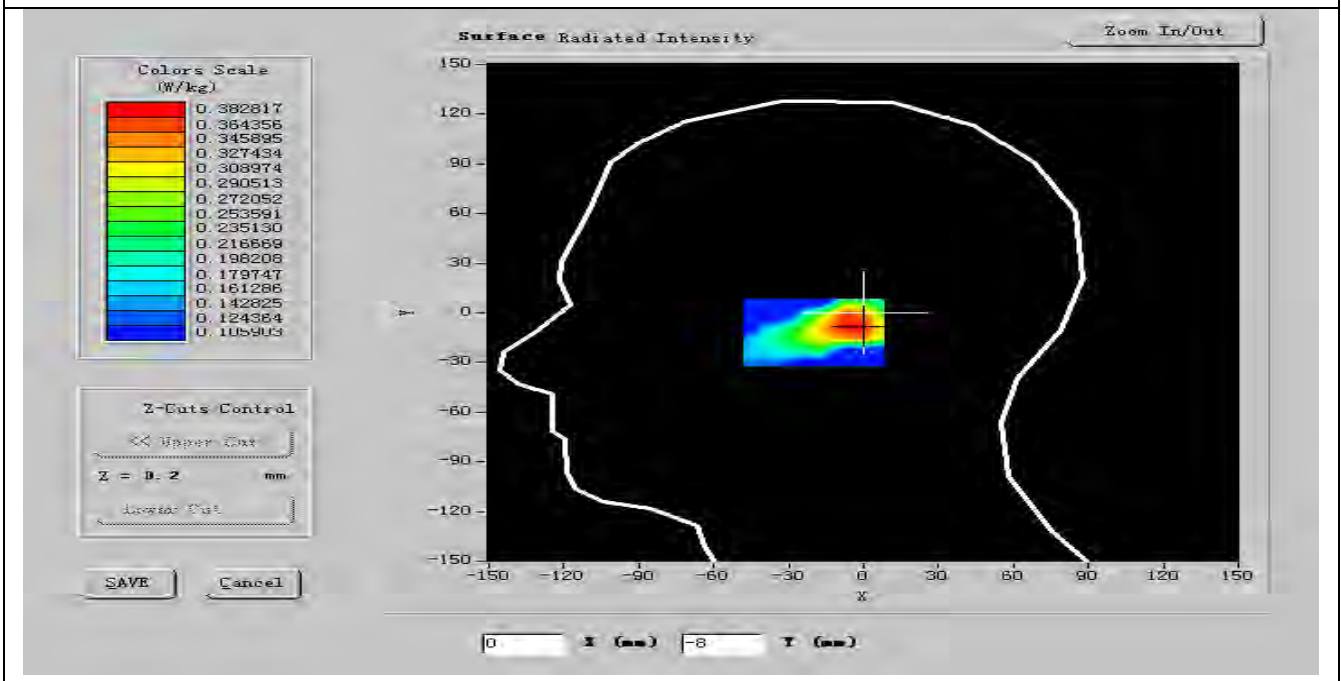
ConvF:

41.91, 43.15, 56.44

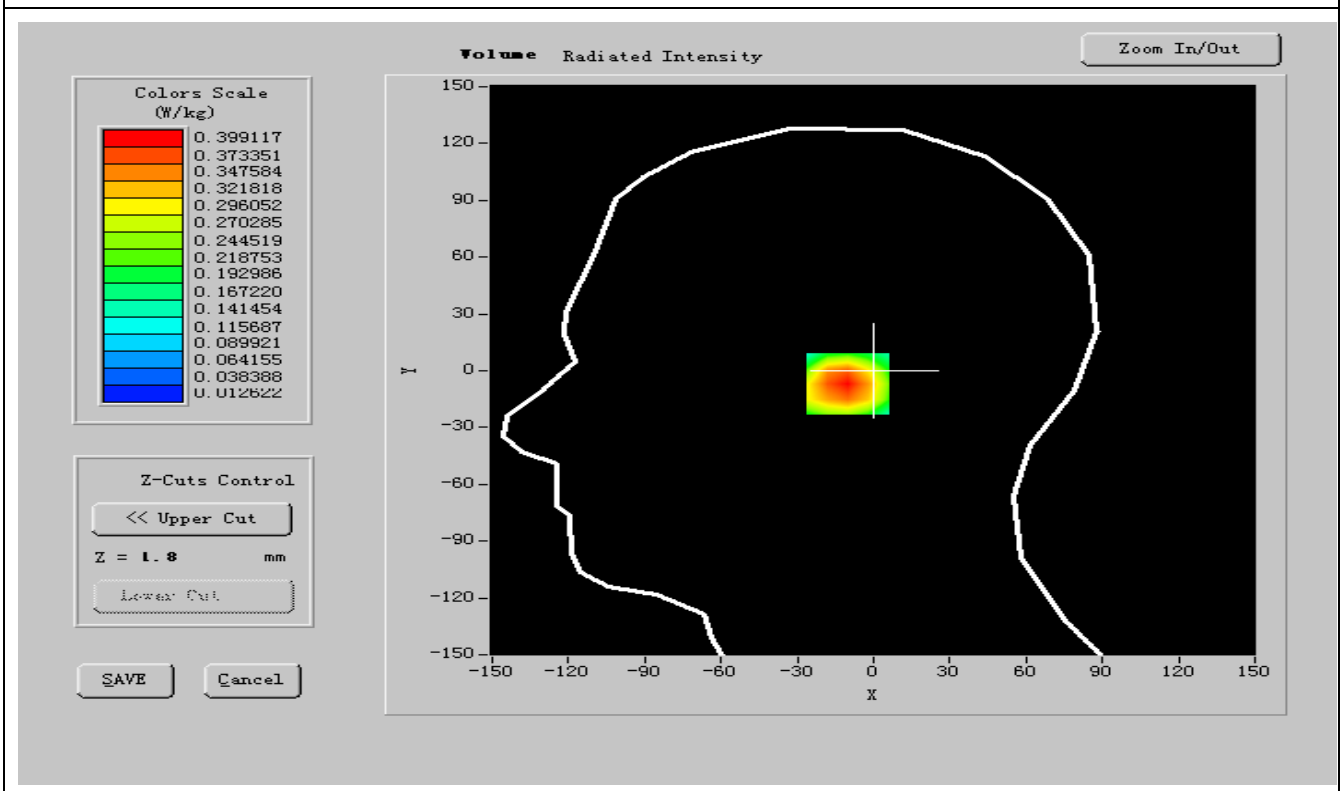
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



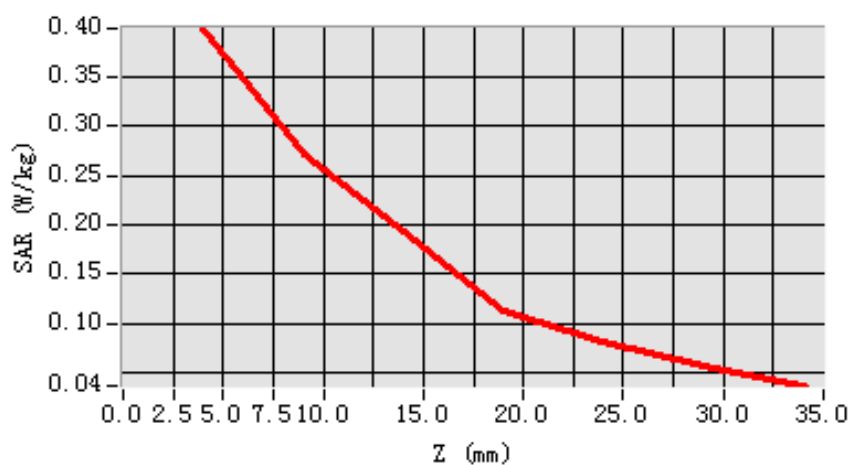


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.541240
SAR 1g (W/Kg)	0.843257

Z Axis Scan

SAR, Z Axis Scan (X = -3, Y = -7)





MEASUREMENT 8

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.231064
Relative permittivity (imaginary part)	13.581000
Conductivity (S/m)	1.440115
Variation (%)	1.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



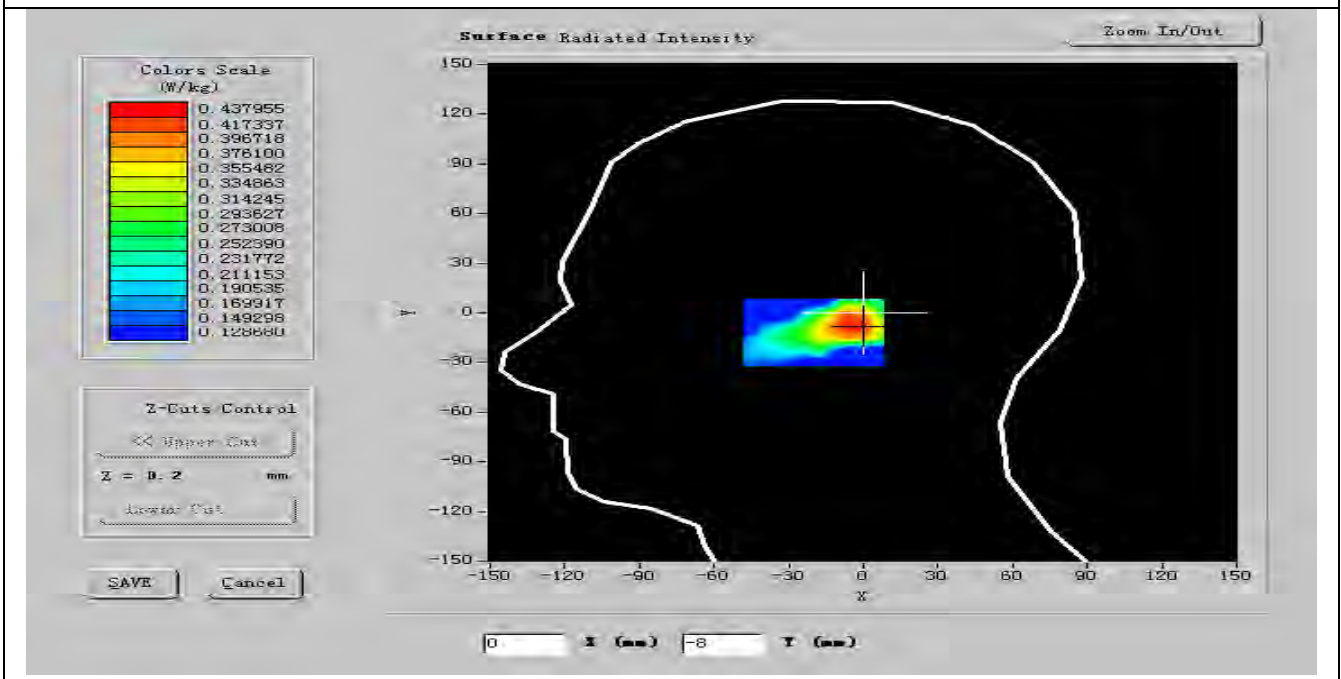
ConvF:

41.91, 43.15, 56.44

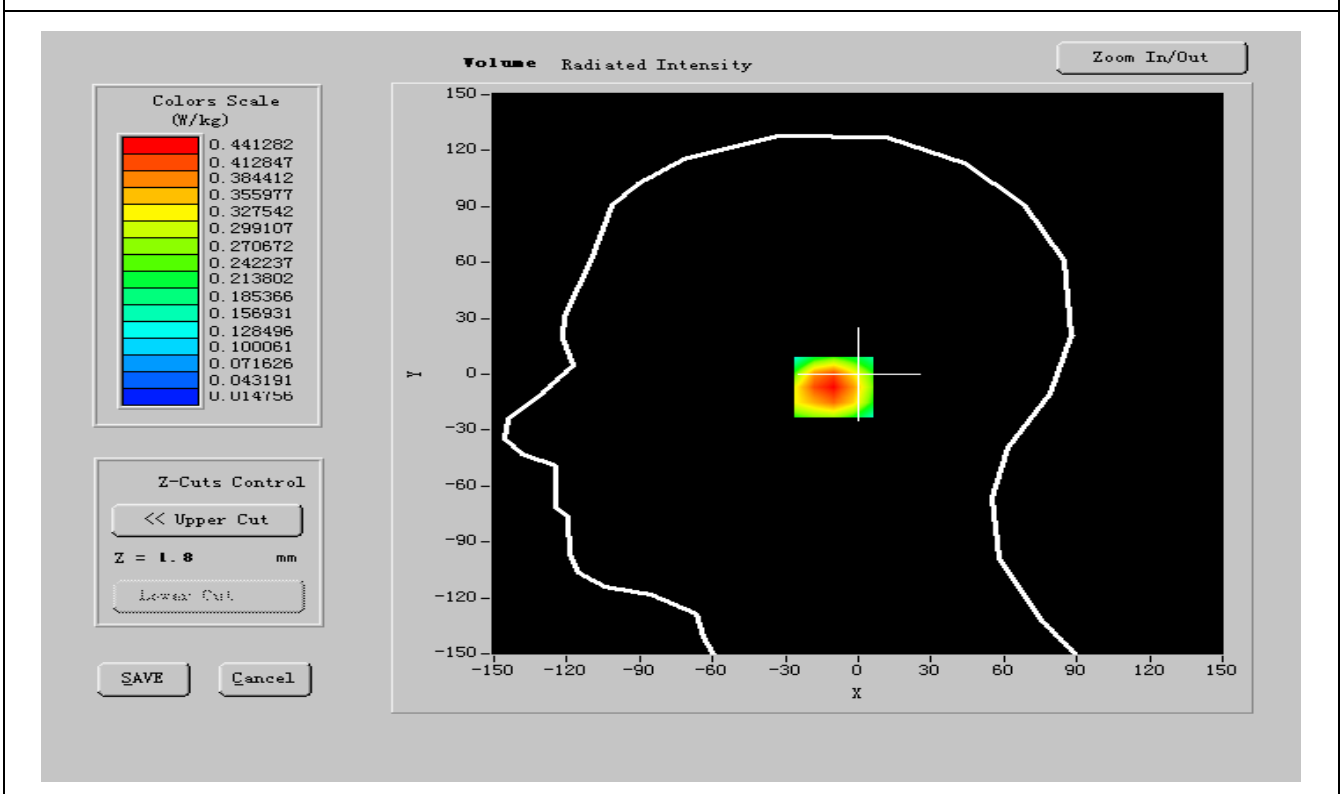
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



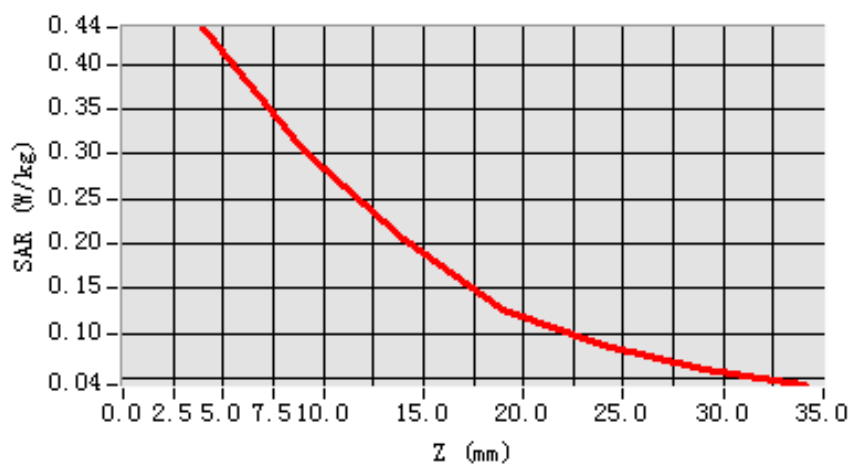


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.532142
SAR 1g (W/Kg)	0.903133

Z Axis Scan

SAR, Z Axis Scan (X = -3, Y = -7)





MEASUREMENT 9

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1907.600276
Relative permittivity (real part)	40.221110
Relative permittivity (imaginary part)	13.612004
Conductivity (S/m)	1.440150
Variation (%)	0.500000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



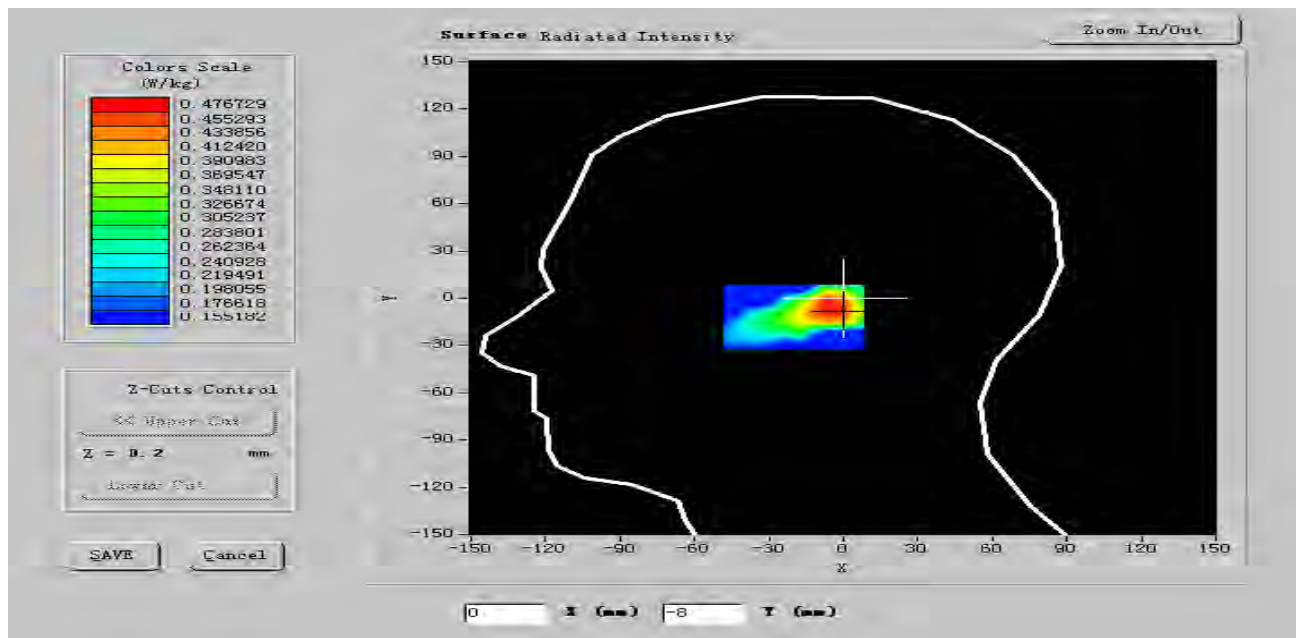
ConvF:

41.91, 43.15, 56.44

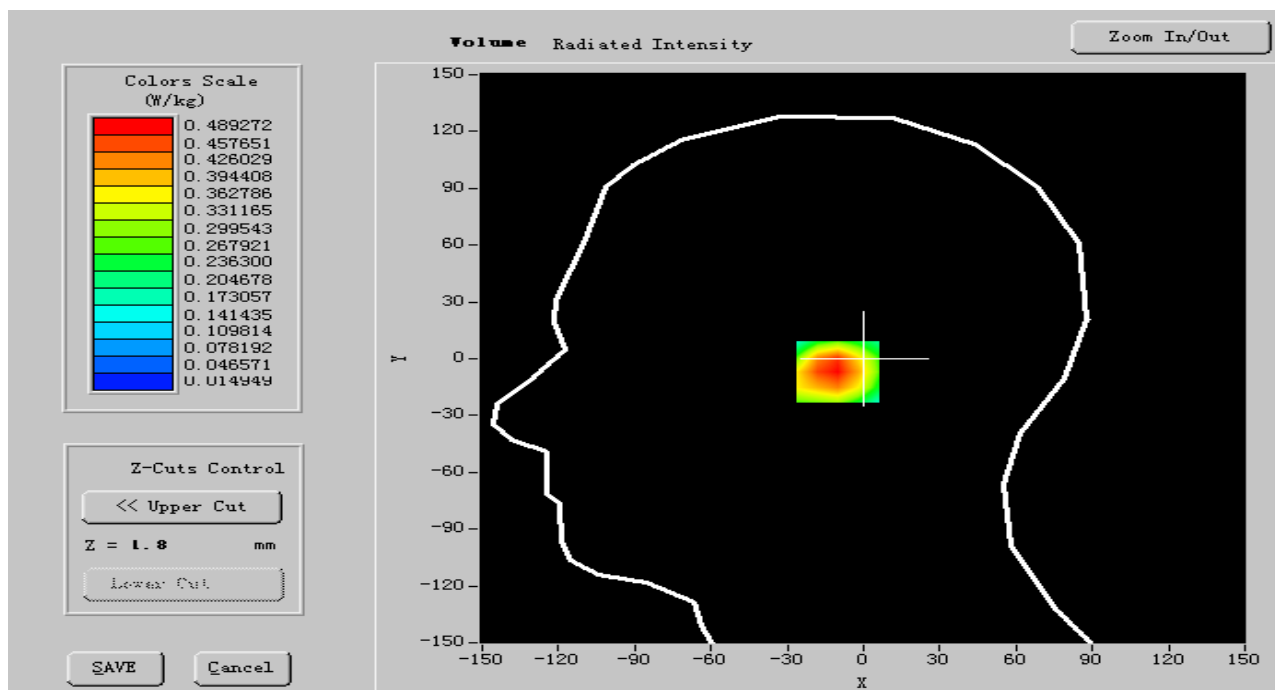
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



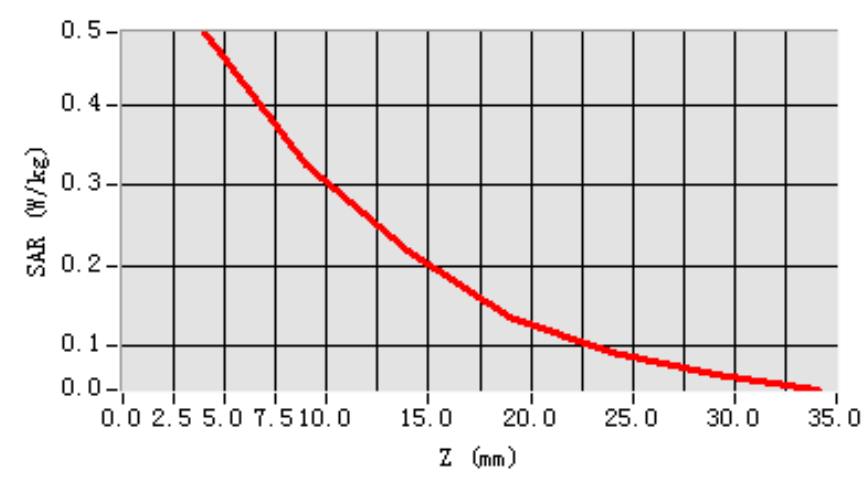


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.502314
SAR 1g (W/Kg)	0.862142

Z Axis Scan

SAR, Z Axis Scan (X = -3, Y = -7)





MEASUREMENT 10

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1852.400004
Relative permittivity (real part)	40.400118
Relative permittivity (imaginary part)	13.581774
Conductivity (S/m)	1.442123
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



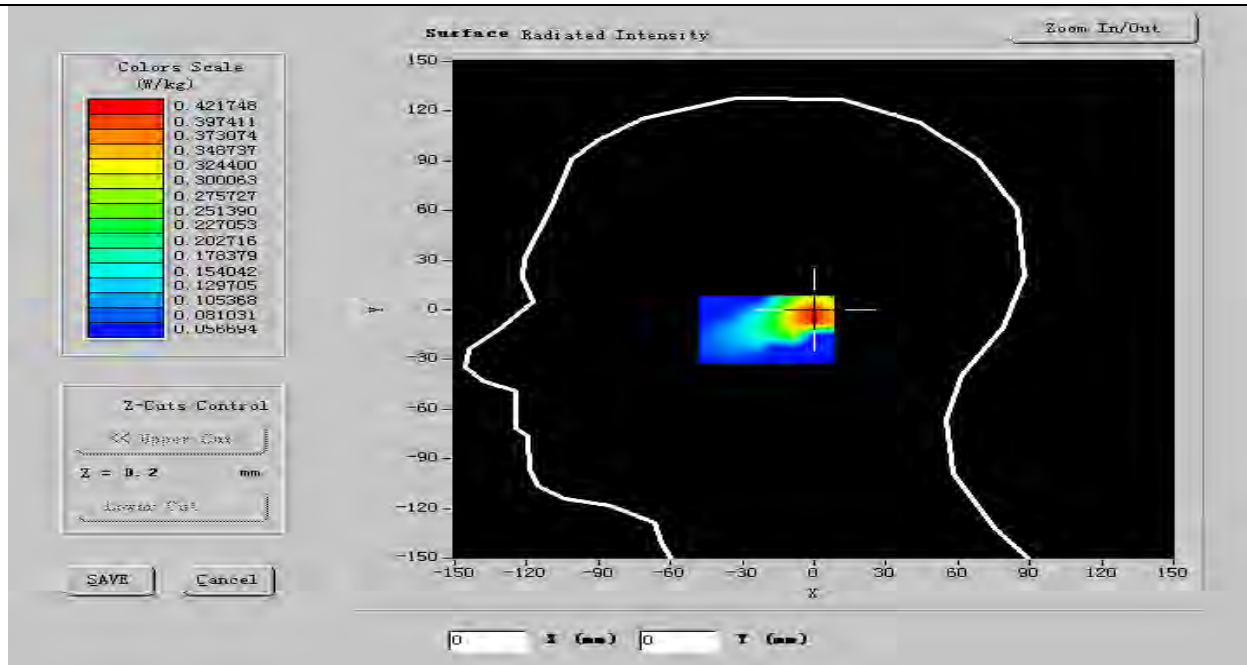
ConvF:

41.91, 43.15, 56.44

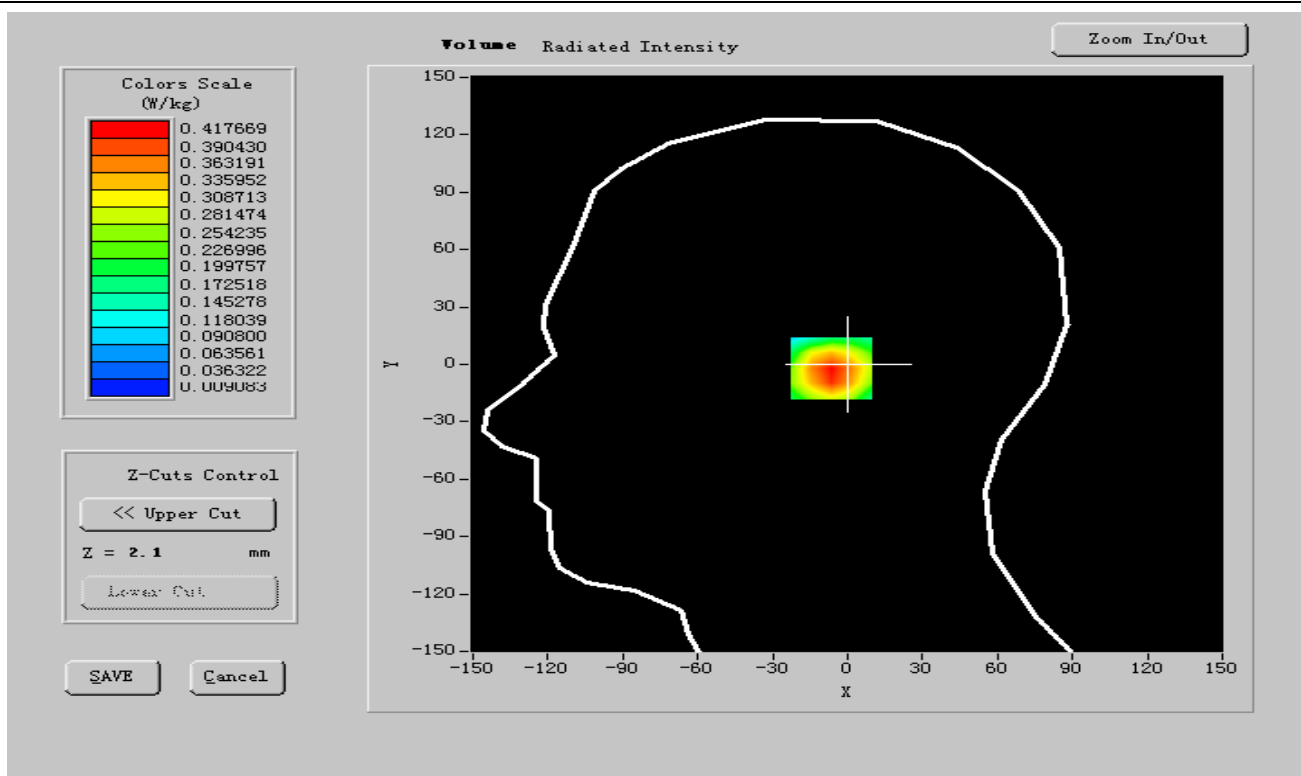
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



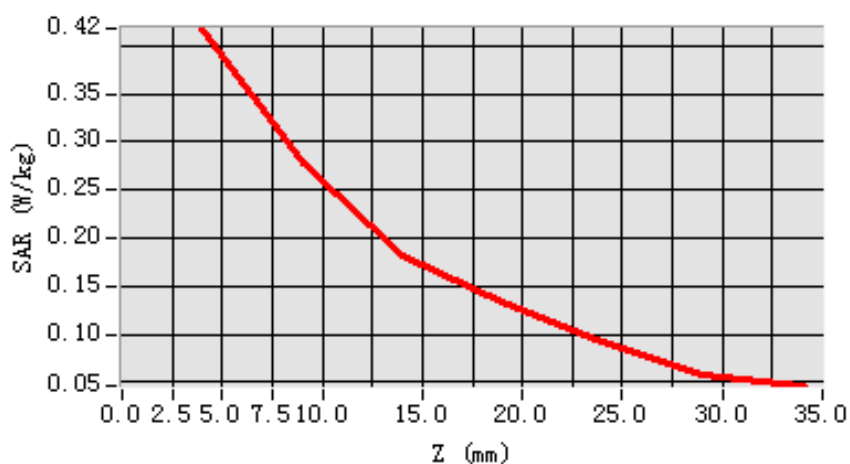


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.112347
SAR 1g (W/Kg)	0.342101

Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -2)





MEASUREMENT 11

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.210326
Relative permittivity (imaginary part)	13.590112
Conductivity (S/m)	1.440588
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



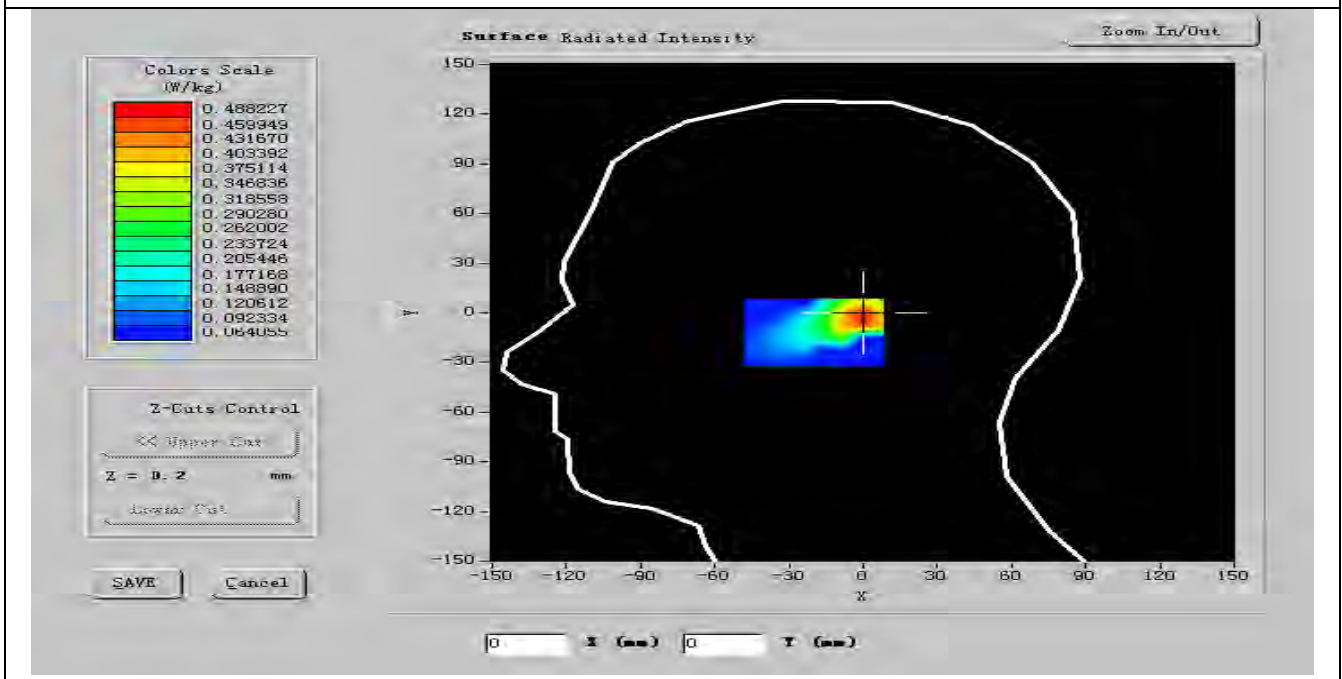
ConvF:

41.91, 43.15, 56.44

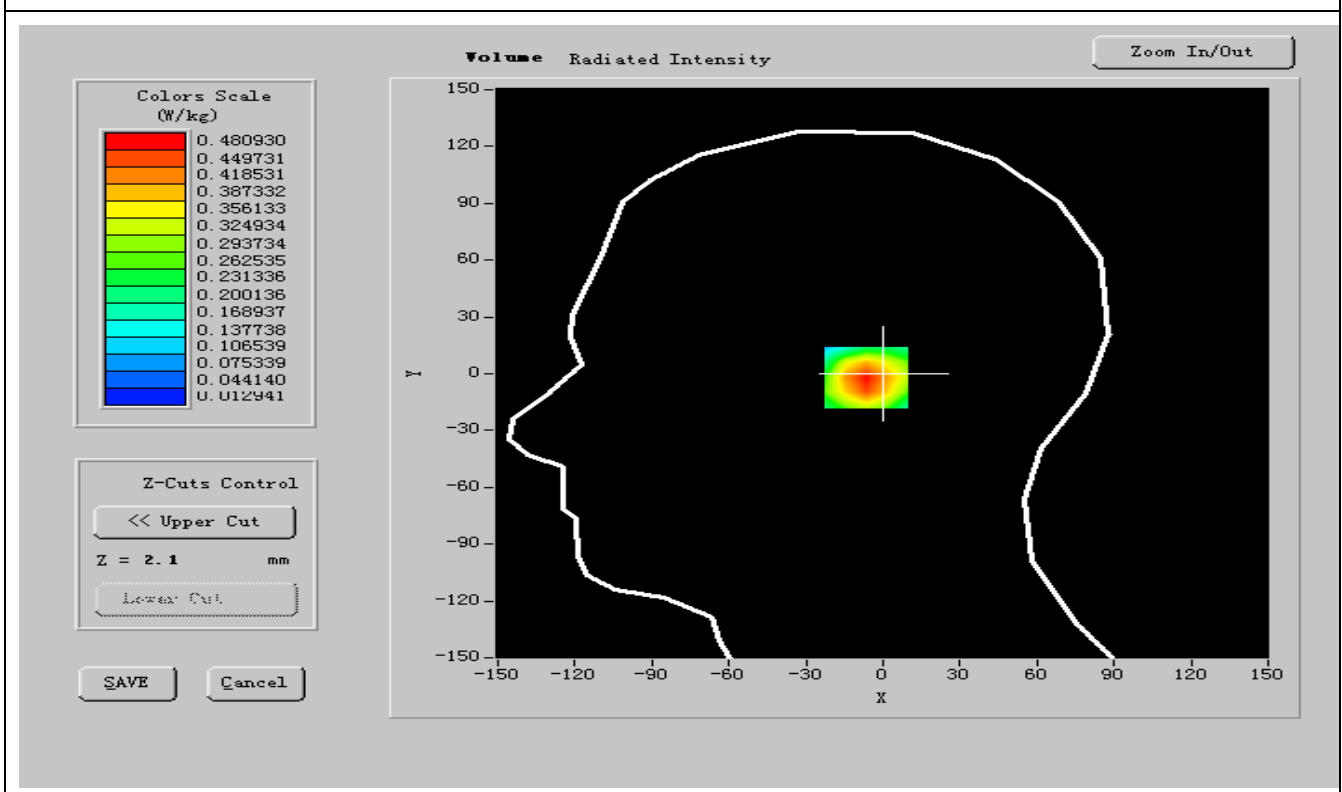
Crest factor:

1:1

SURFACE SAR



VOLUME SAR

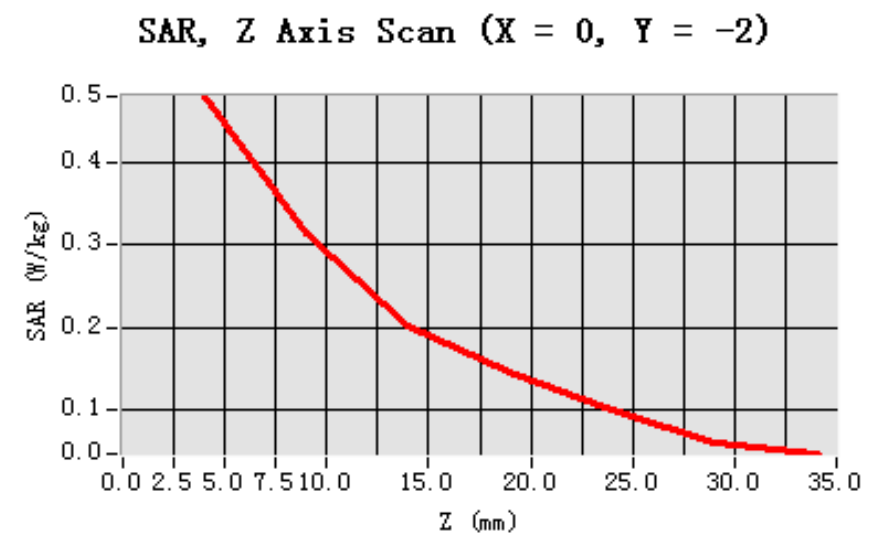




Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.130152
SAR 1g (W/Kg)	0.371023

Z Axis Scan





MEASUREMENT 12

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

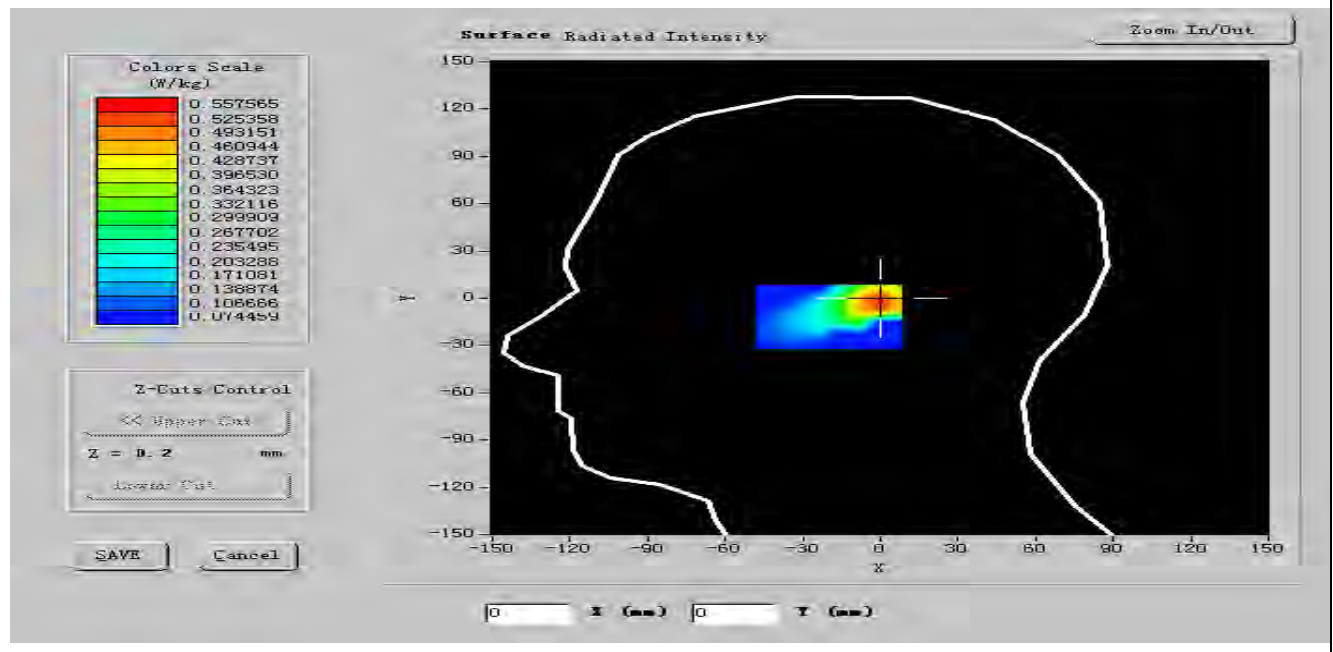
C. SAR Measurement Results

Frequency (MHz)	1907.602076
Relative permittivity (real part)	40.211151
Relative permittivity (imaginary part)	13.610085
Conductivity (S/m)	1.443325
Variation (%)	-1.140000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C

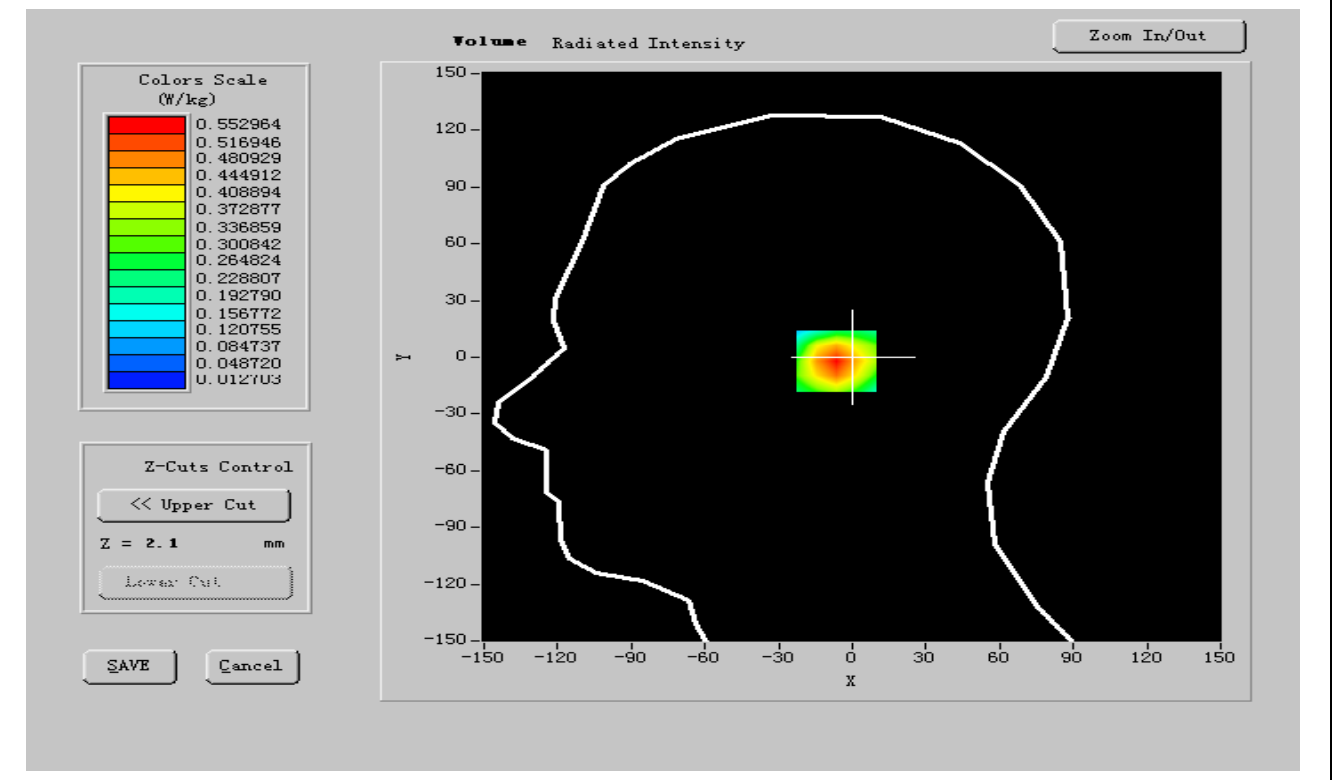


ConvF:	41.91, 43.15, 56.44
Crest factor:	1:1

SURFACE SAR



VOLUME SAR



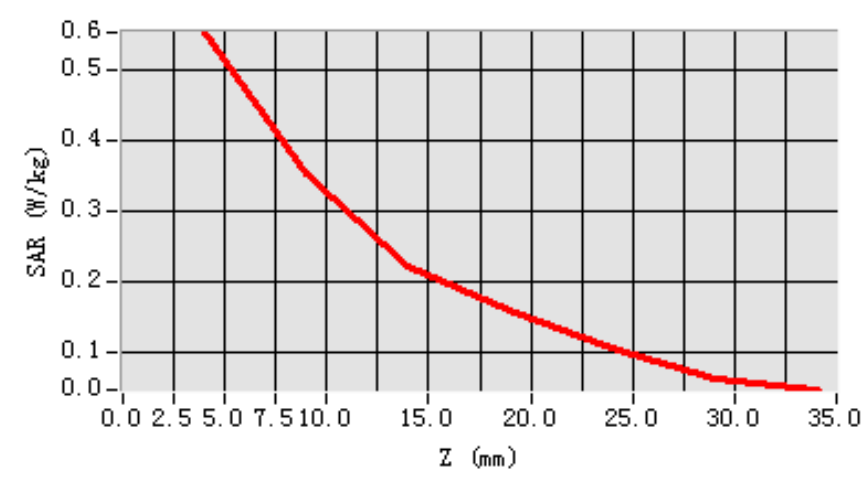


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.123211
SAR 1g (W/Kg)	0.356847

Z Axis Scan

SAR, Z Axis Scan (X = 0, Y = -2)





MEASUREMENT 13

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1852.400004
Relative permittivity (real part)	53.002001
Relative permittivity (imaginary part)	13.572033
Conductivity (S/m)	1.496015
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



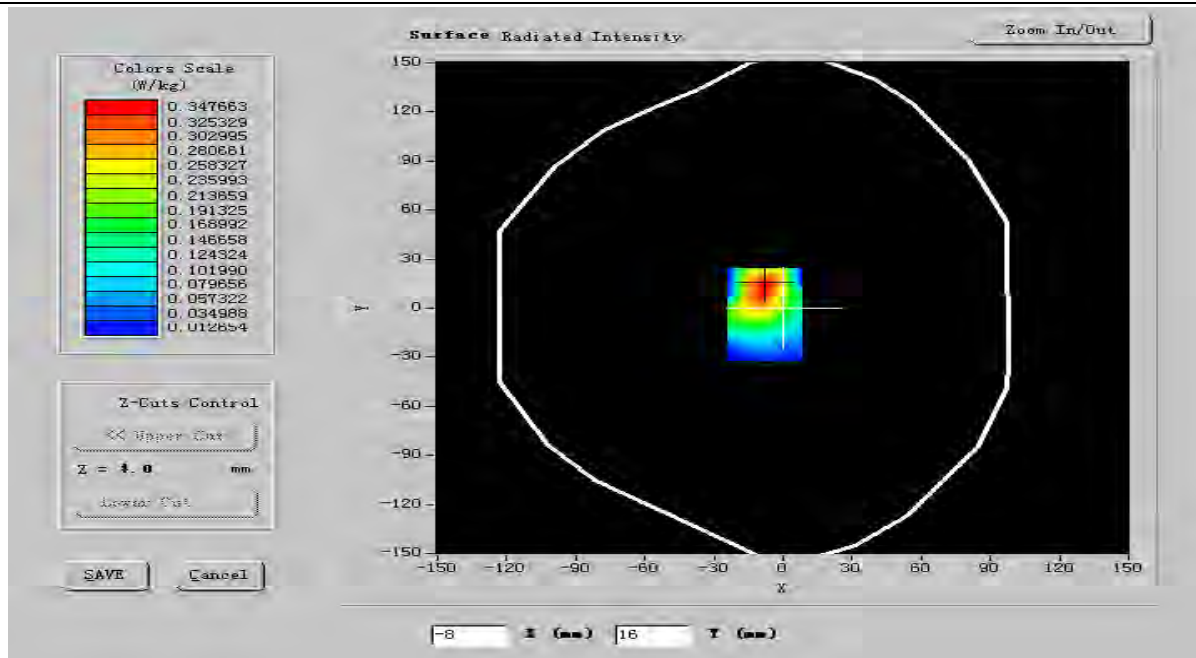
ConvF:

41.01, 42.41, 55.65

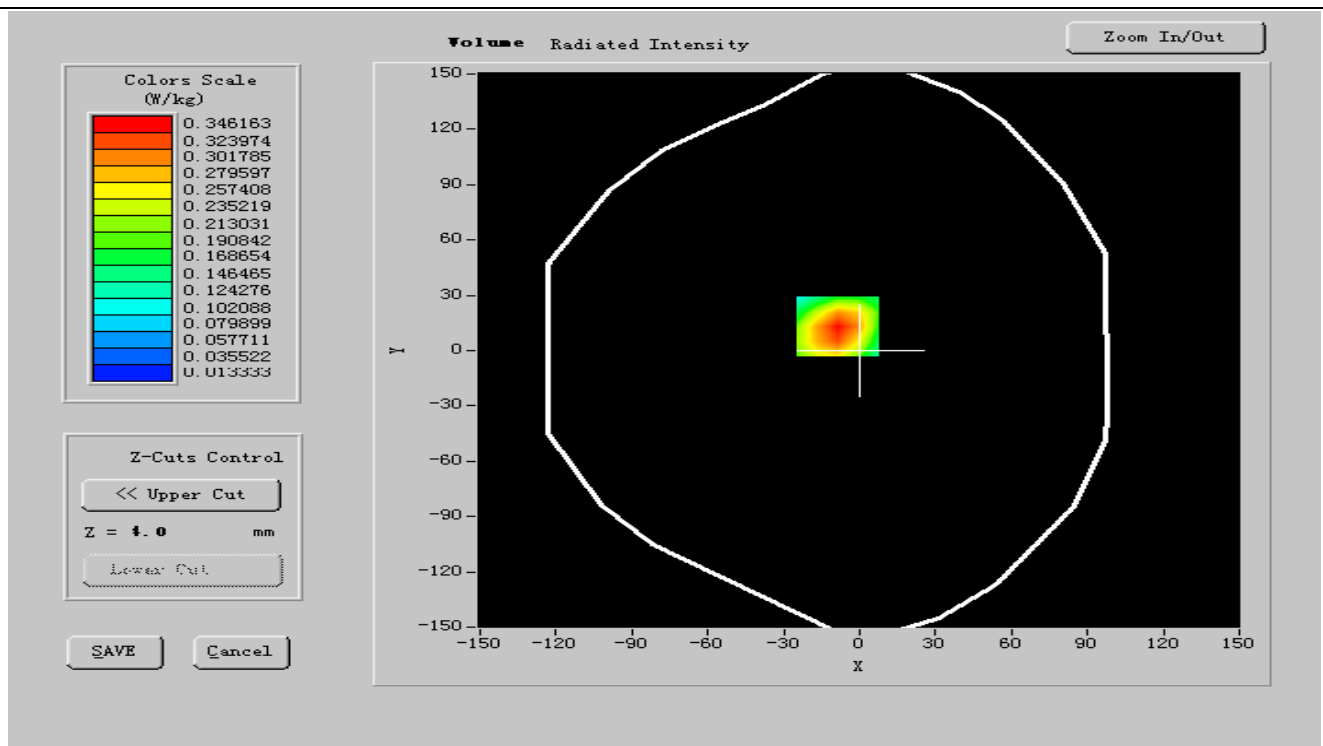
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



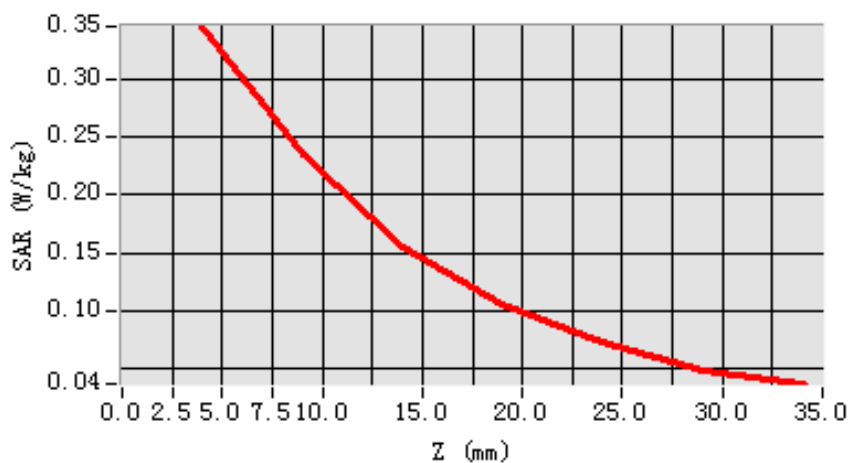


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.093441
SAR 1g (W/Kg)	0.162145

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = 13)





MEASUREMENT 14

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.953021
Relative permittivity (imaginary part)	13.622015
Conductivity (S/m)	1.500210
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



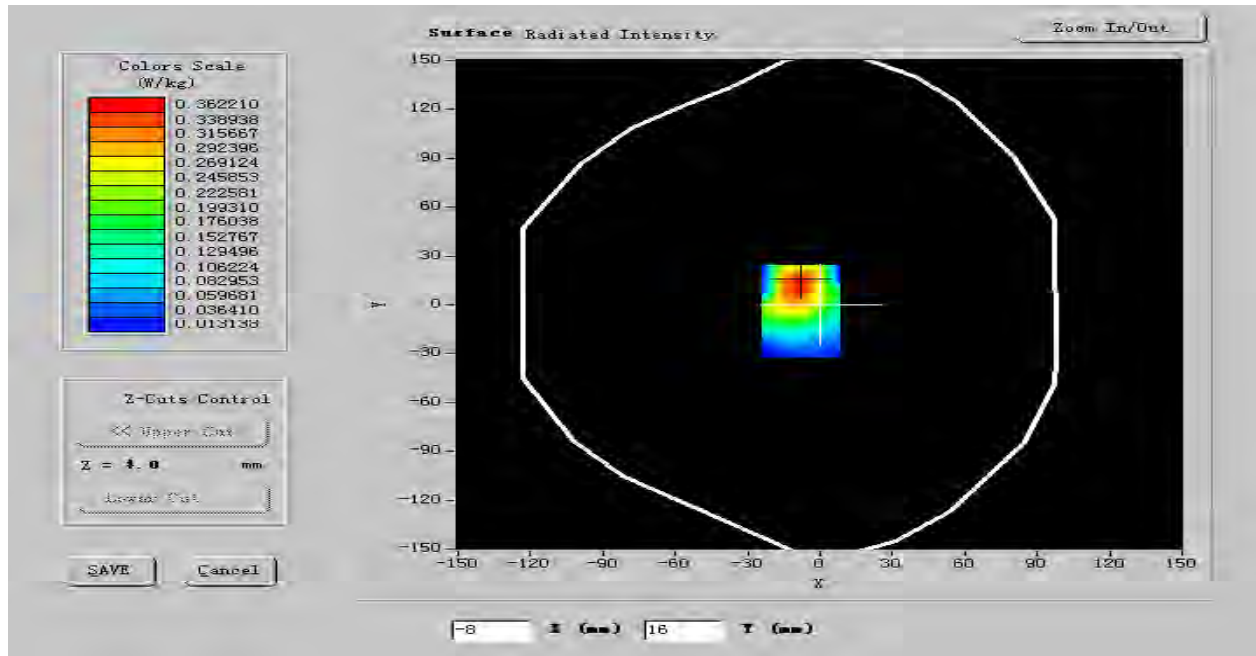
ConvF:

41.01, 42.41, 55.65

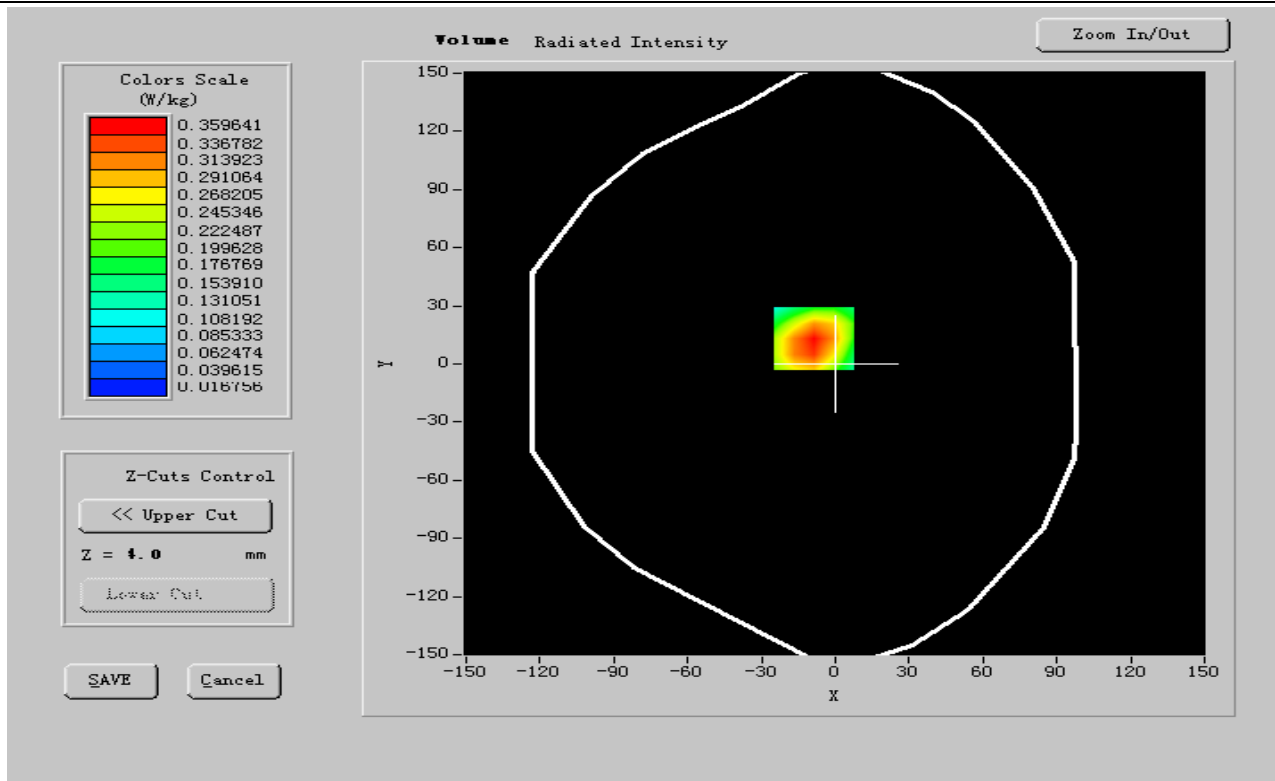
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



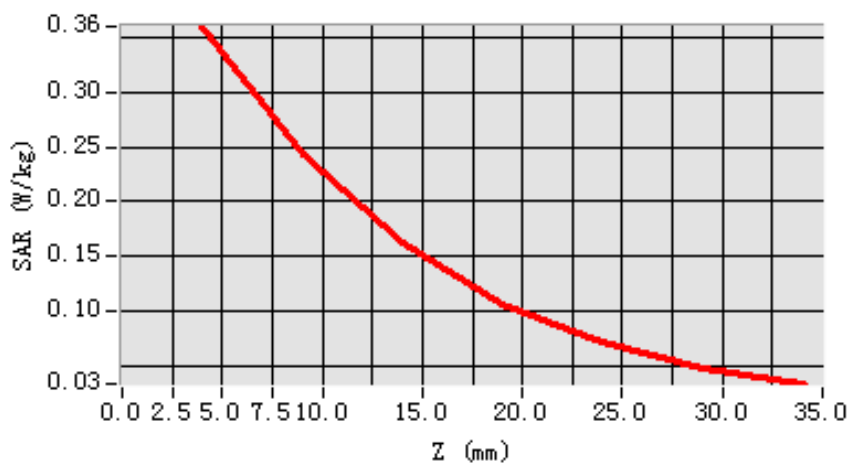


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.130236
SAR 1g (W/Kg)	0.182147

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = 13)



**MEASUREMENT 15****Date of measurement: 02/20/2011****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	WCDMA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1907.690210
Relative permittivity (real part)	52.980331
Relative permittivity (imaginary part)	13.606316
Conductivity (S/m)	1.500122
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



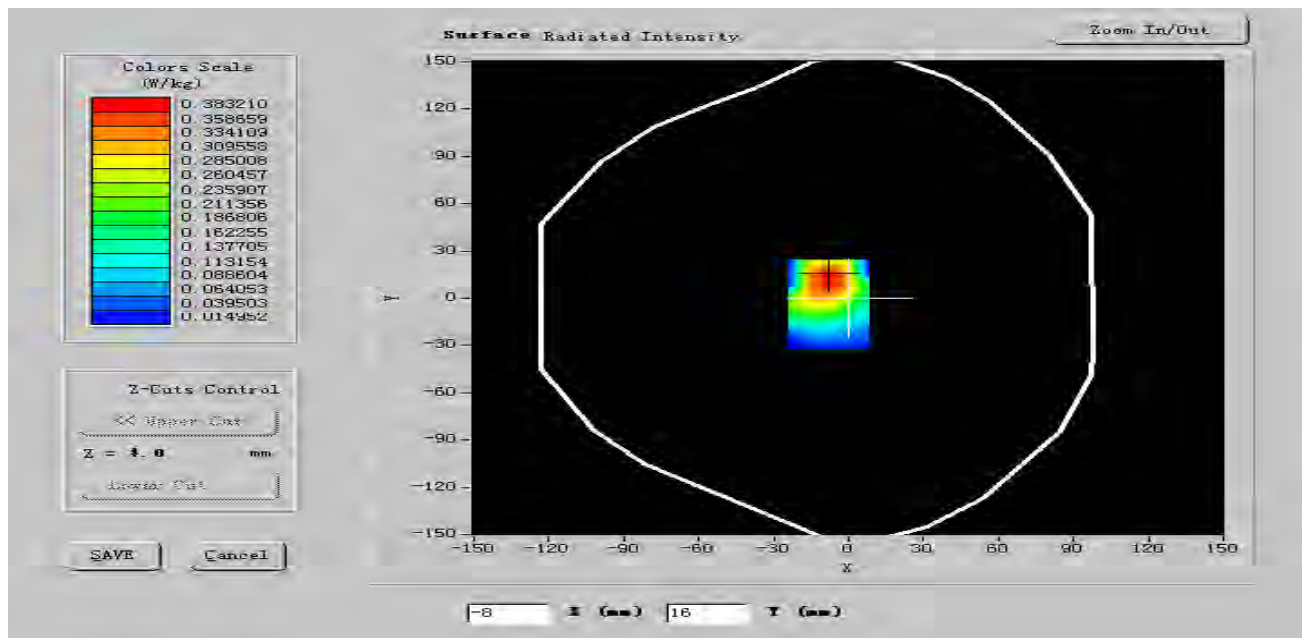
ConvF:

41.01, 42.41, 55.65

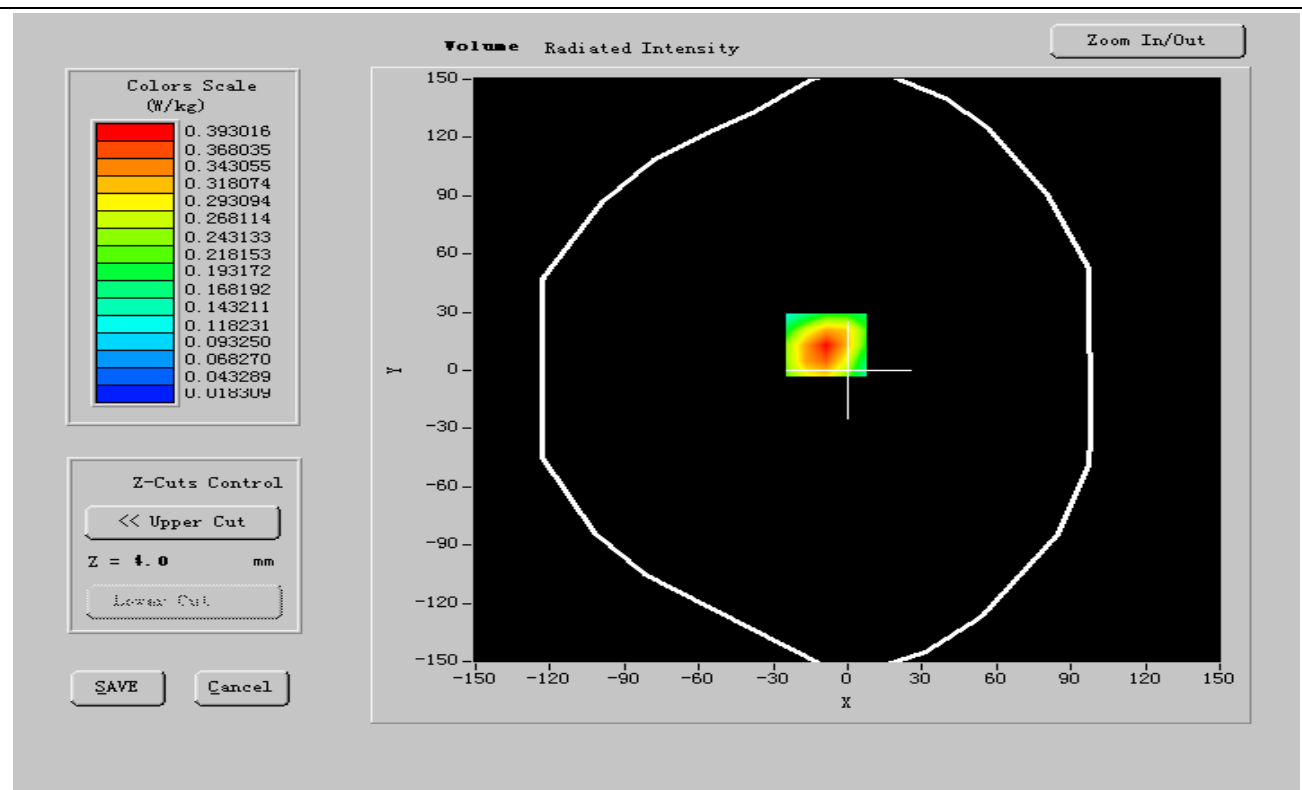
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



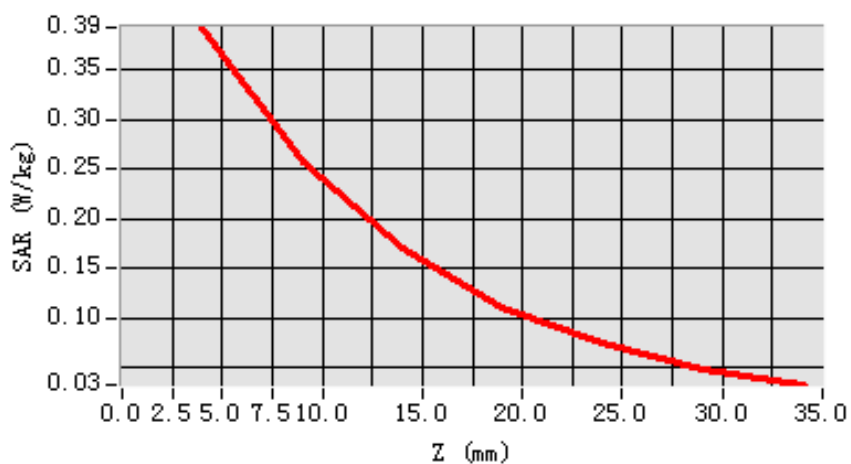


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.101347
SAR 1g (W/Kg)	0.170230

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = 13)



**MEASUREMENT 16****Date of measurement: 02/20/2011****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	WCDMA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

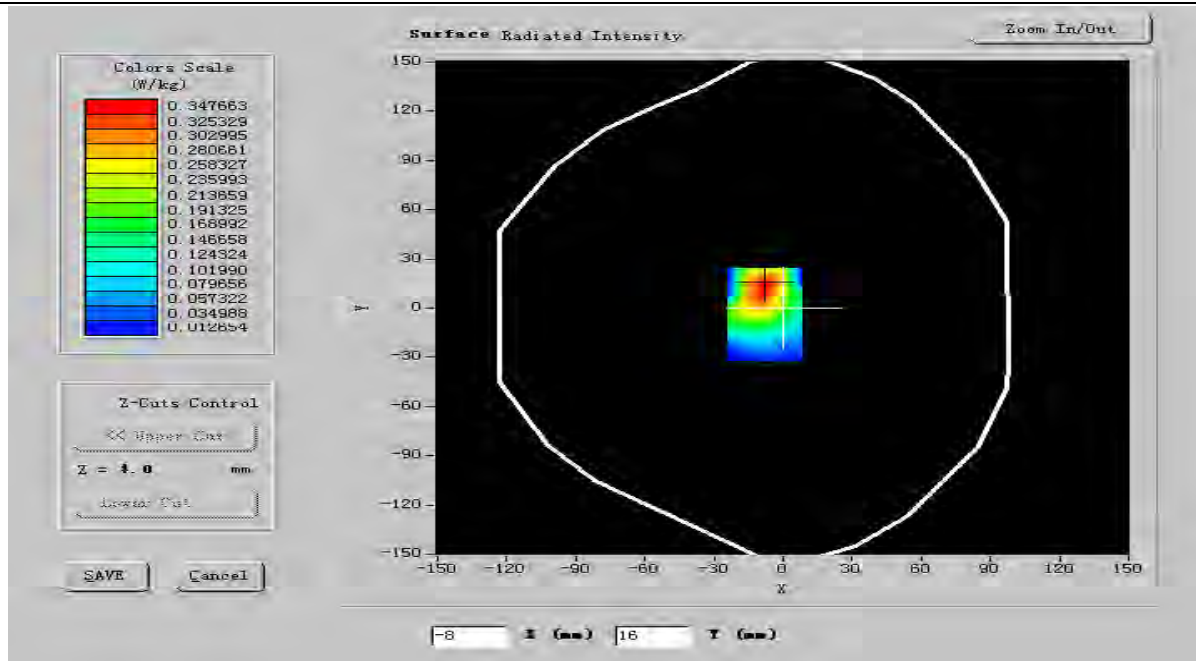
Frequency (MHz)	1852.400004
Relative permittivity (real part)	53.015811
Relative permittivity (imaginary part)	13.569571
Conductivity (S/m)	1.495712
Variation (%)	-0.120000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65



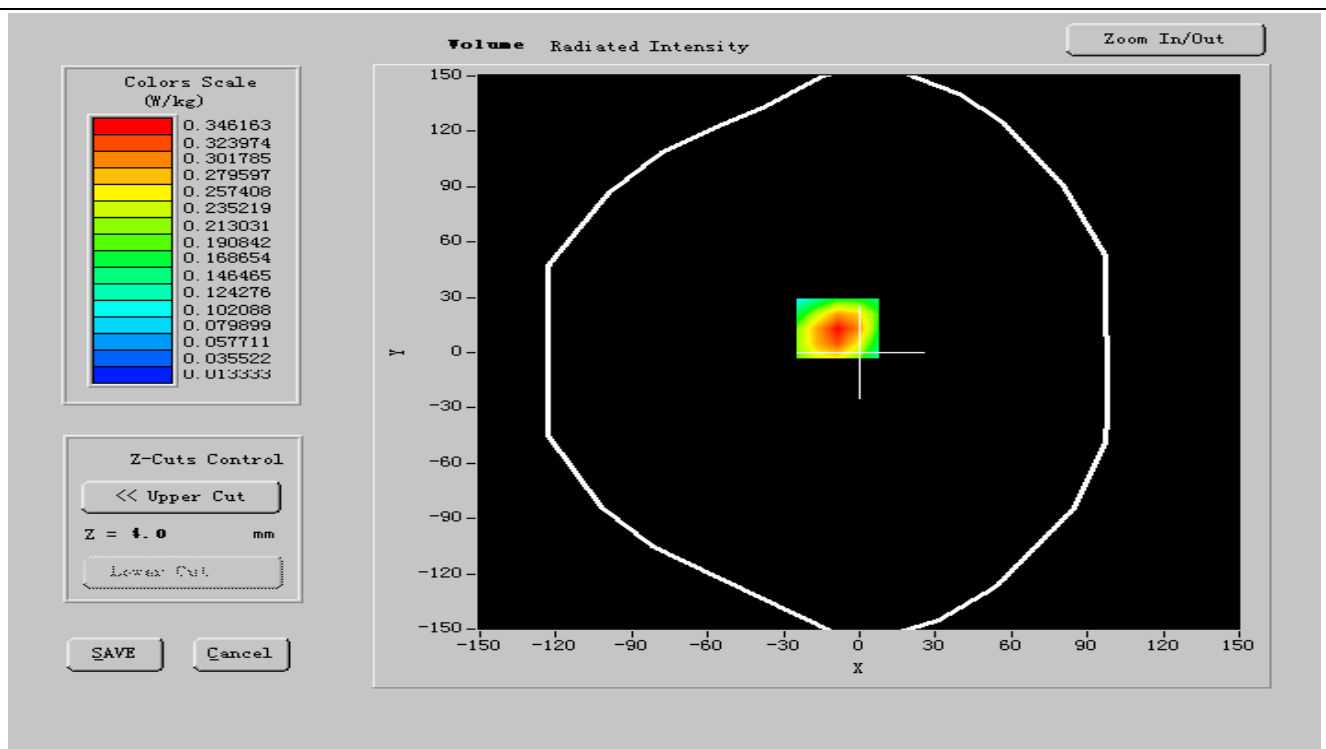
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



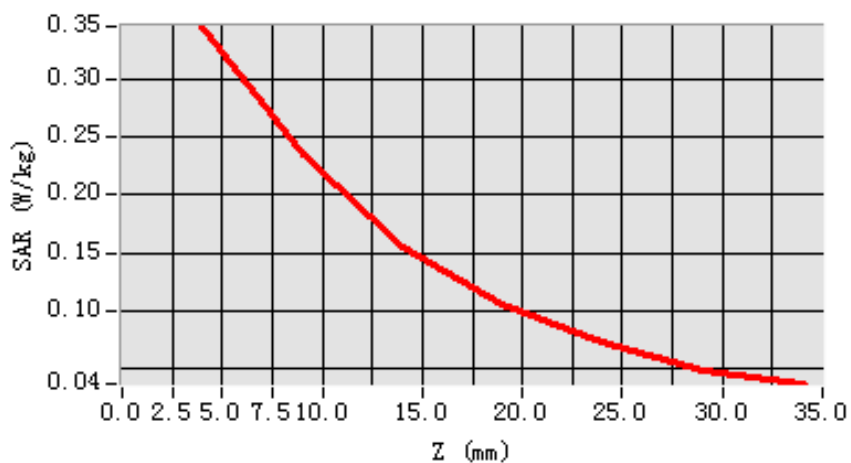


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.094120
SAR 1g (W/Kg)	0.126541

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = 13)





MEASUREMENT 17

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.985111
Relative permittivity (imaginary part)	13.621505
Conductivity (S/m)	1.532210
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



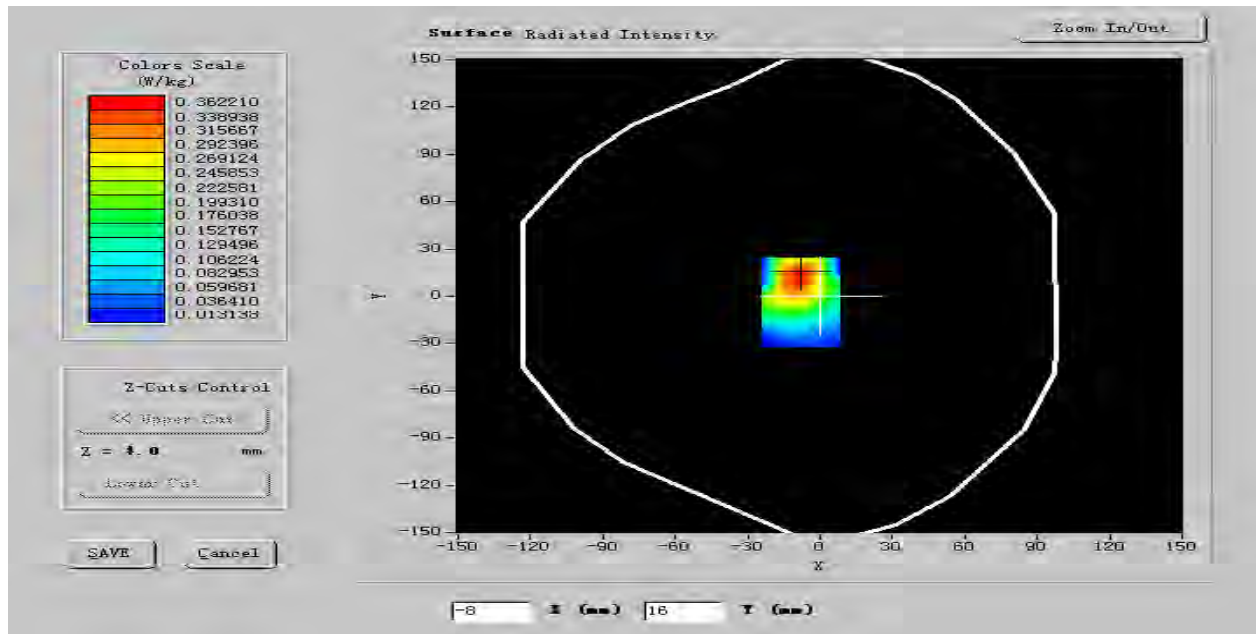
ConvF:

41.01, 42.41, 55.65

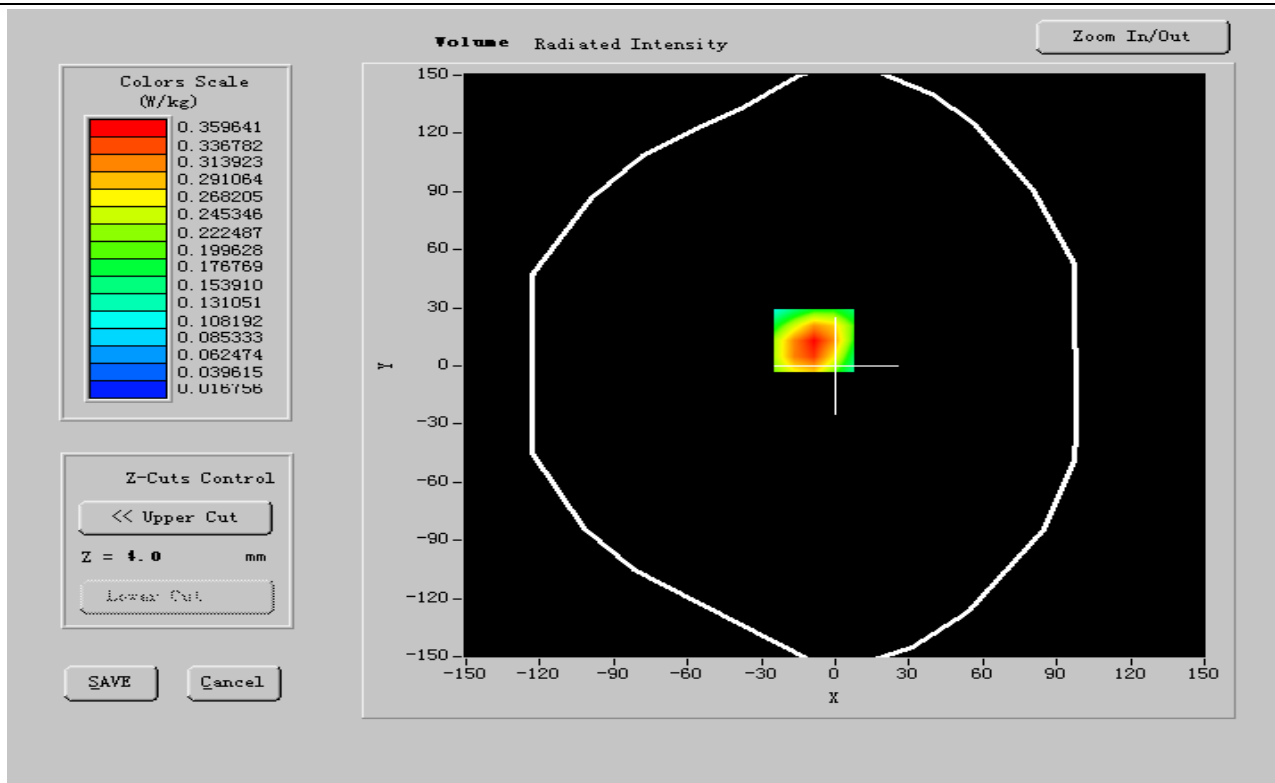
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



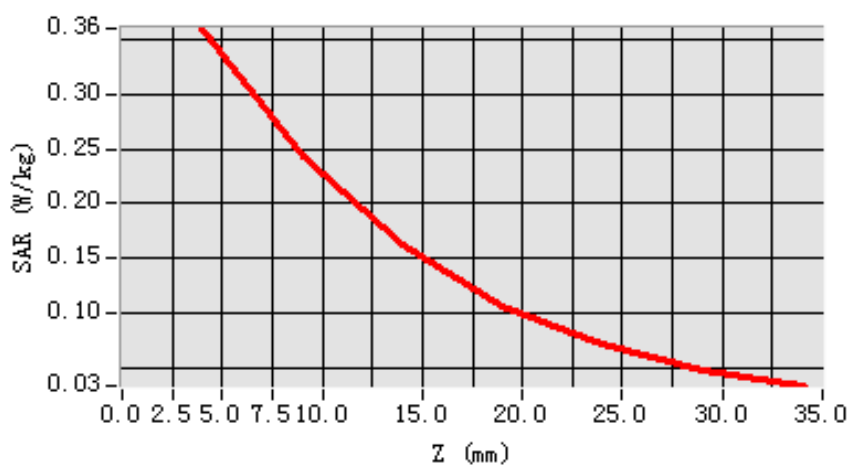


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.121016
SAR 1g (W/Kg)	0.148327

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = 13)





MEASUREMENT 18

Date of measurement: 02/20/2011**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	WCDMA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1907.690210
Relative permittivity (real part)	52.971521
Relative permittivity (imaginary part)	13.595410
Conductivity (S/m)	1.503212
Variation (%)	-0.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



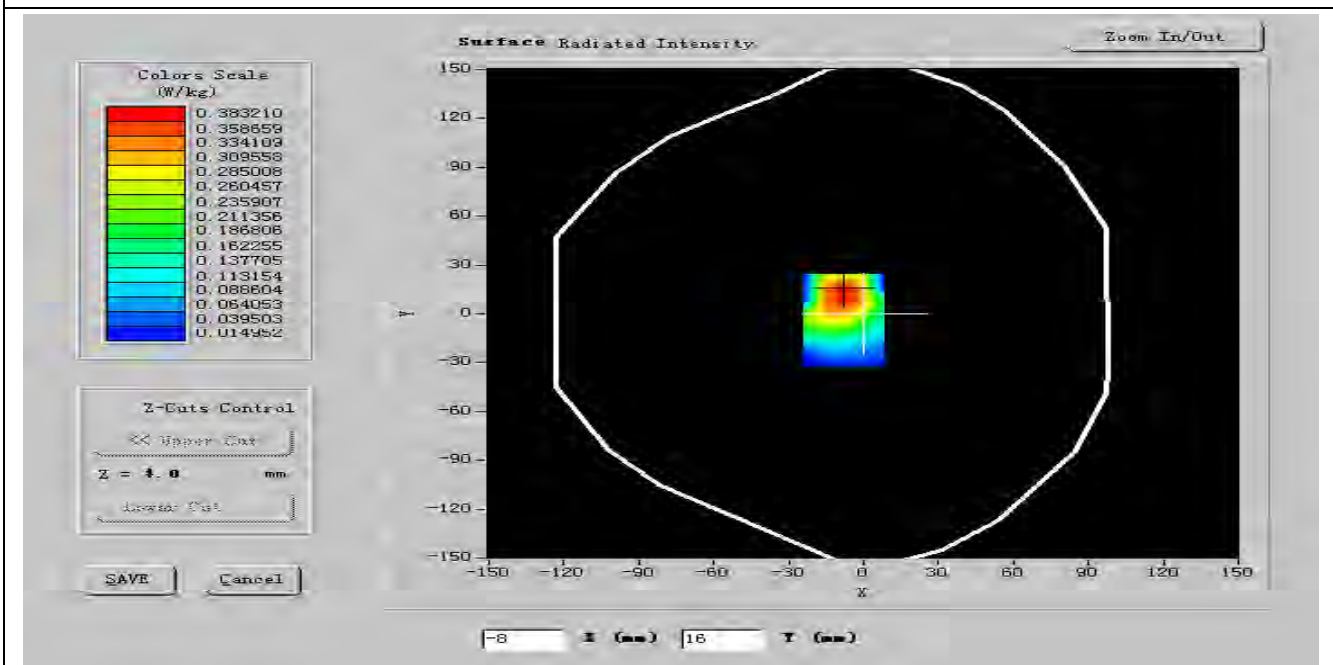
ConvF:

41.01, 42.41, 55.65

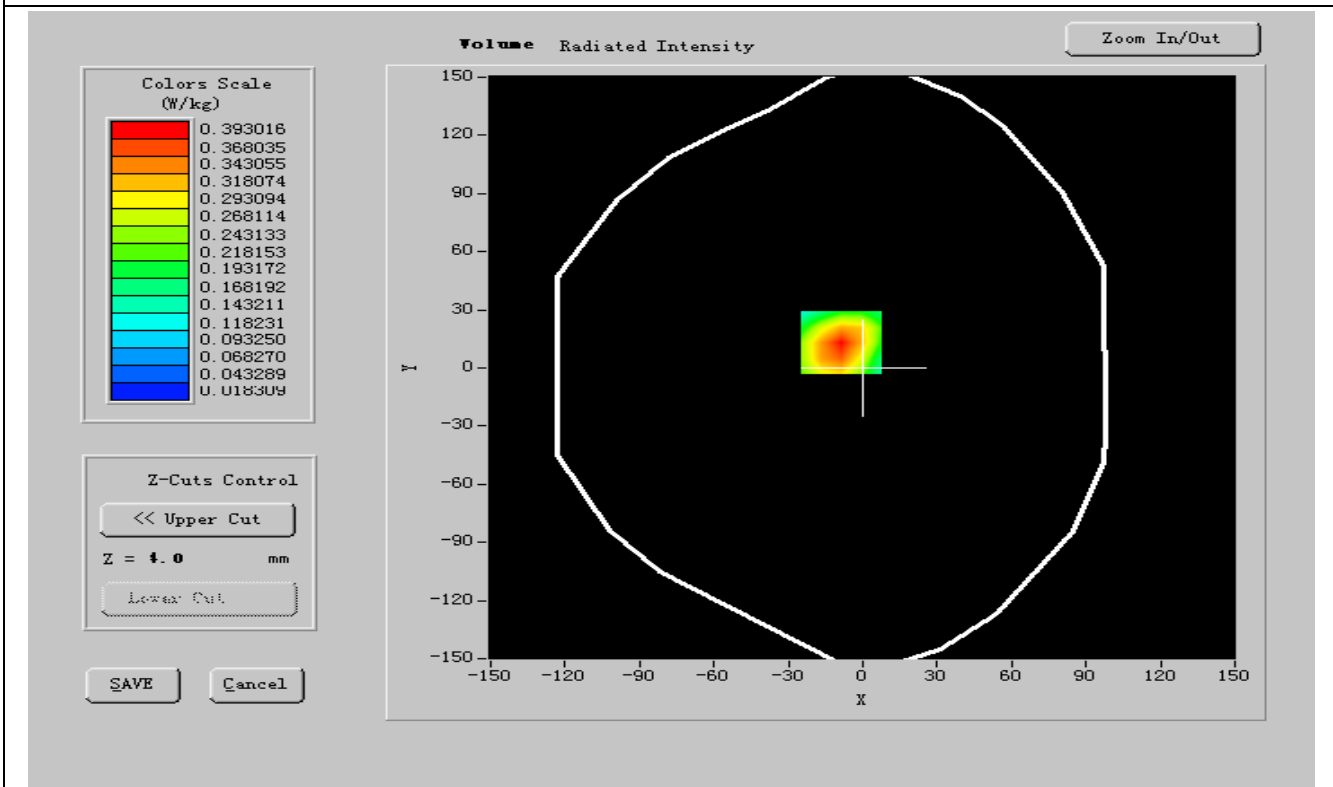
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



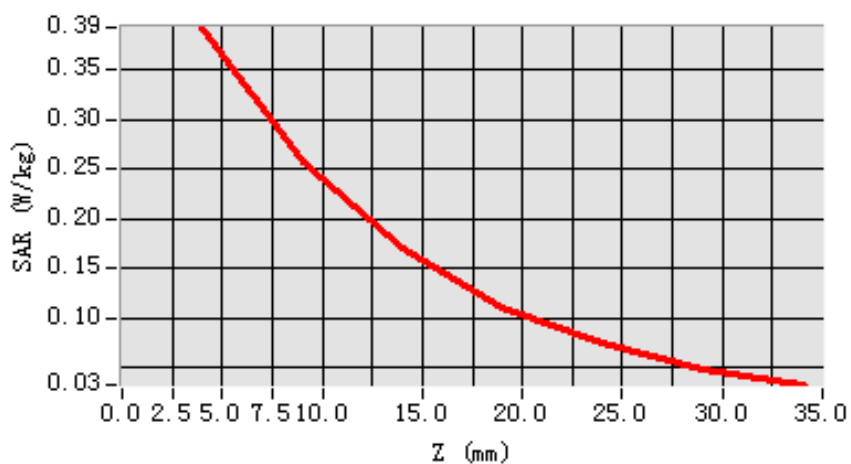


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.112017
SAR 1g (W/Kg)	0.157520

Z Axis Scan

SAR, Z Axis Scan (X = -9, Y = 13)





MEASUREMENT 19

Date of measurement: 02/20/2011**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	HSDPA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

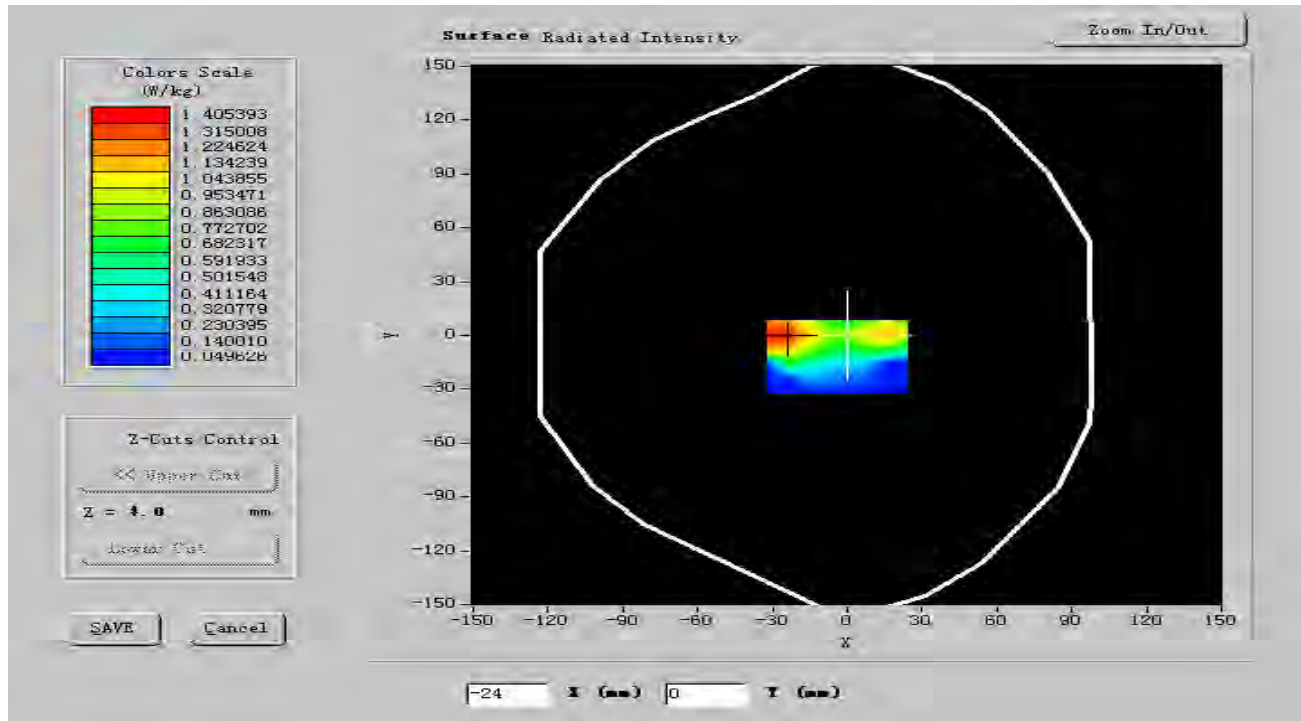
Frequency (MHz)	1852.400004
Relative permittivity (real part)	53.002030
Relative permittivity (imaginary part)	13.572017
Conductivity (S/m)	1.496001
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65



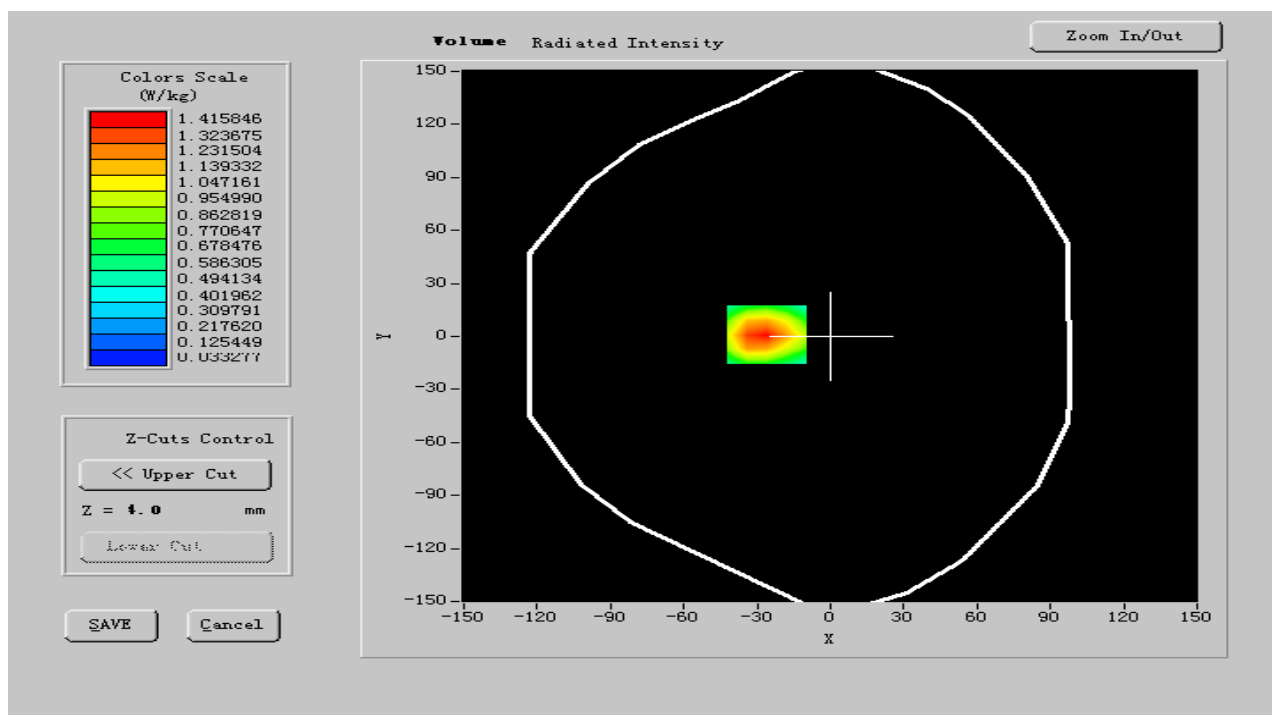
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



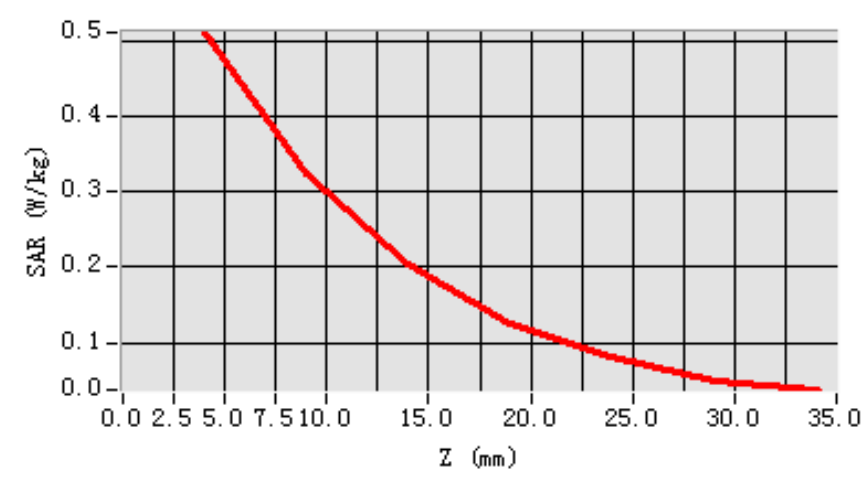


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.120212
SAR 1g (W/Kg)	0.171256

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 20

Date of measurement: 02/20/2011**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	HSDPA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.952056
Relative permittivity (imaginary part)	13.62128
Conductivity (S/m)	1.500234
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



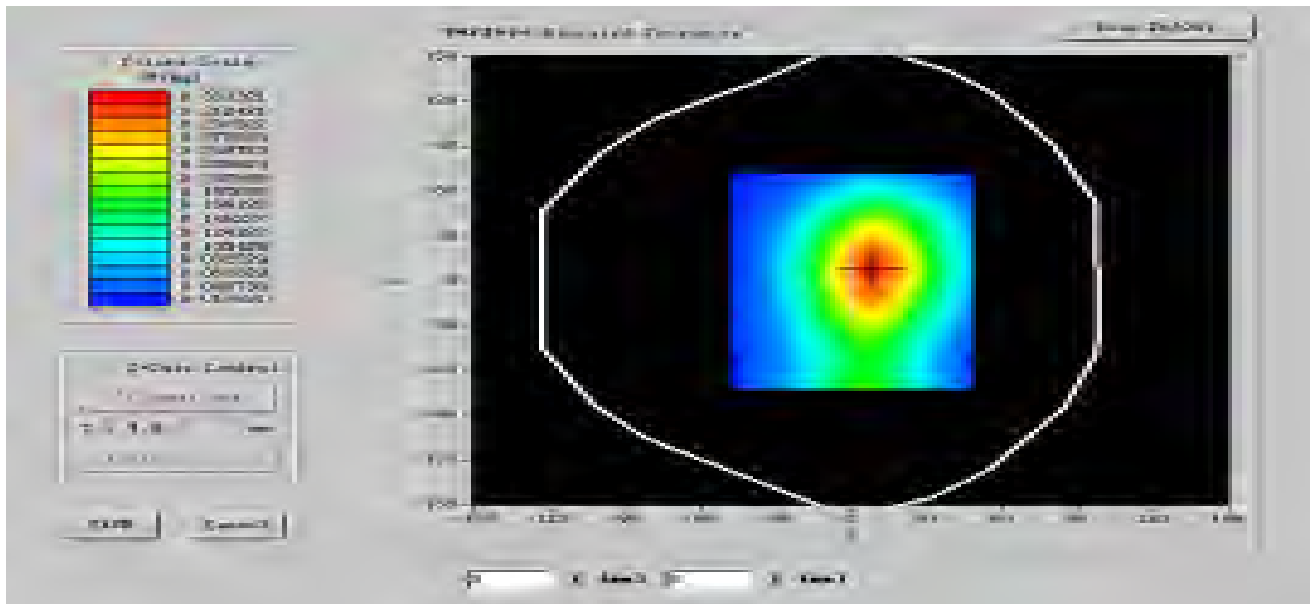
ConvF:

41.01, 42.41, 55.65

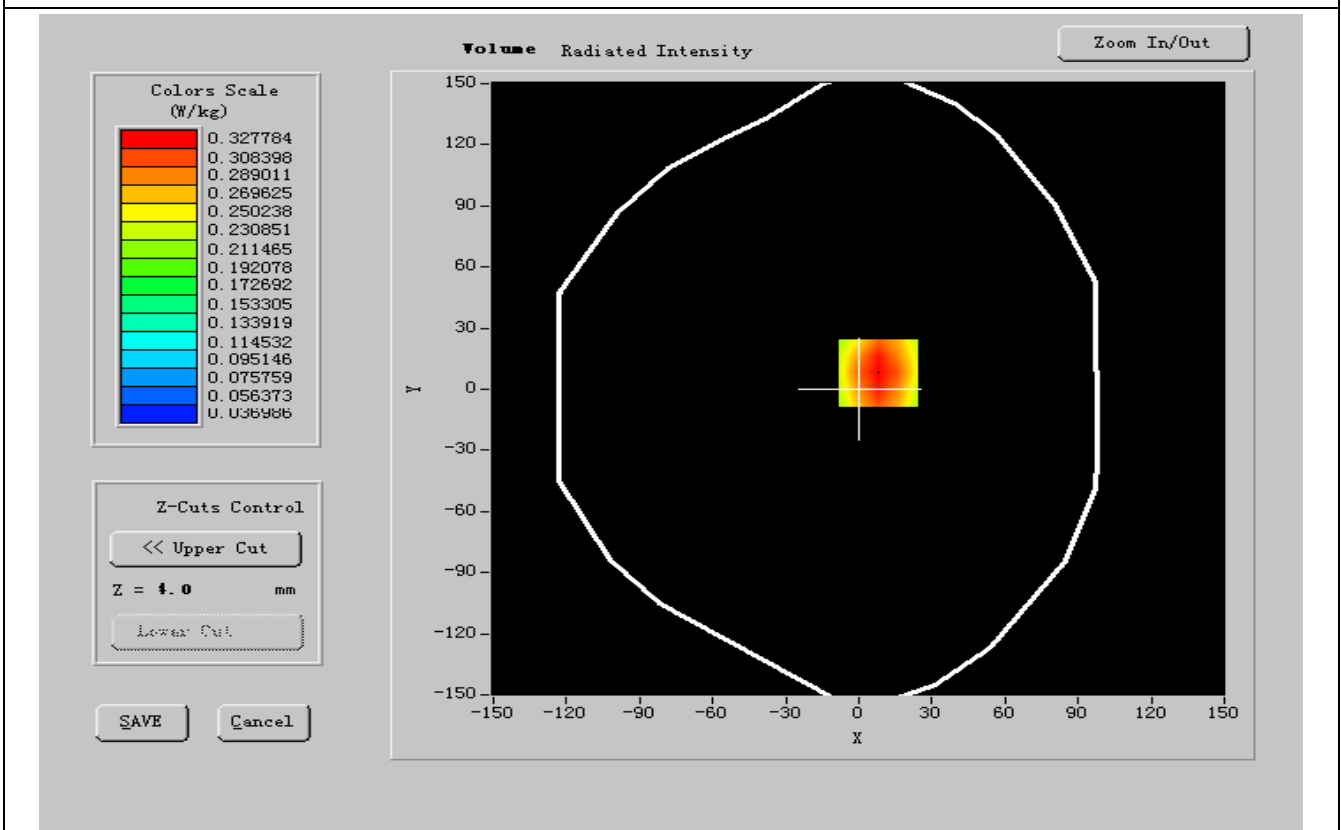
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



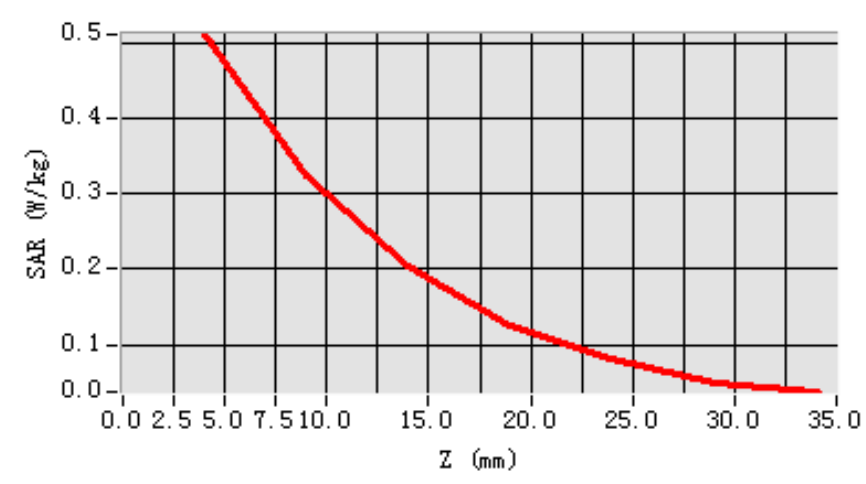


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.110369
SAR 1g (W/Kg)	0.183448

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 21

Date of measurement: 02/20/2011**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	HSDPA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1906.790210
Relative permittivity (real part)	52.980116
Relative permittivity (imaginary part)	13.606329
Conductivity (S/m)	1.500147
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



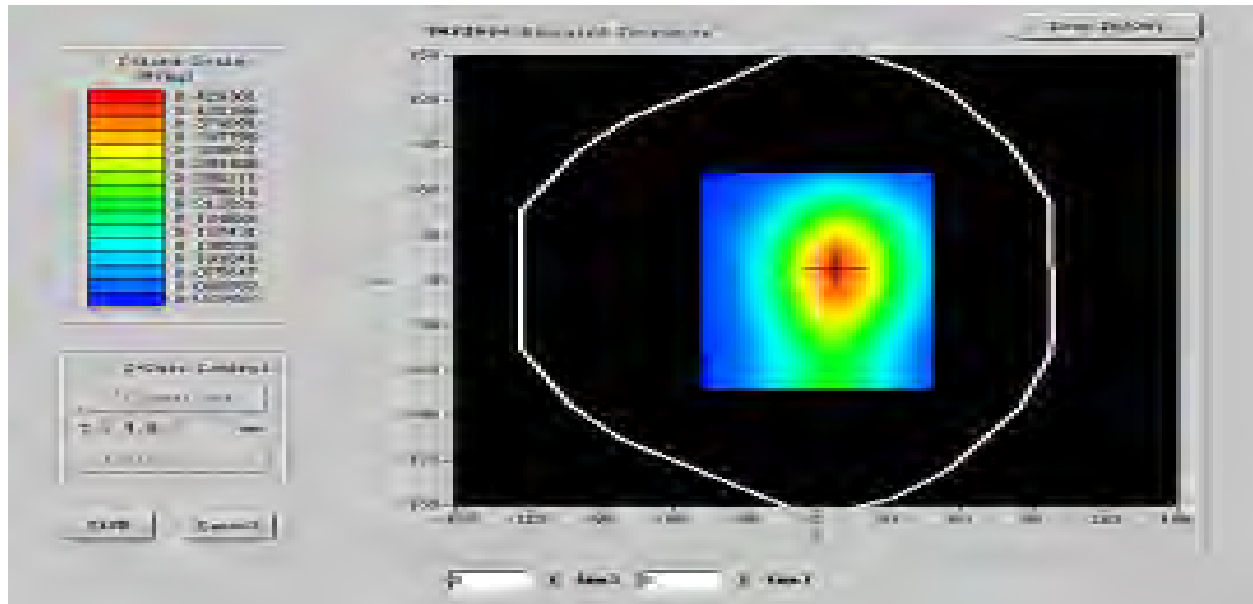
ConvF:

41.01, 42.41, 55.65

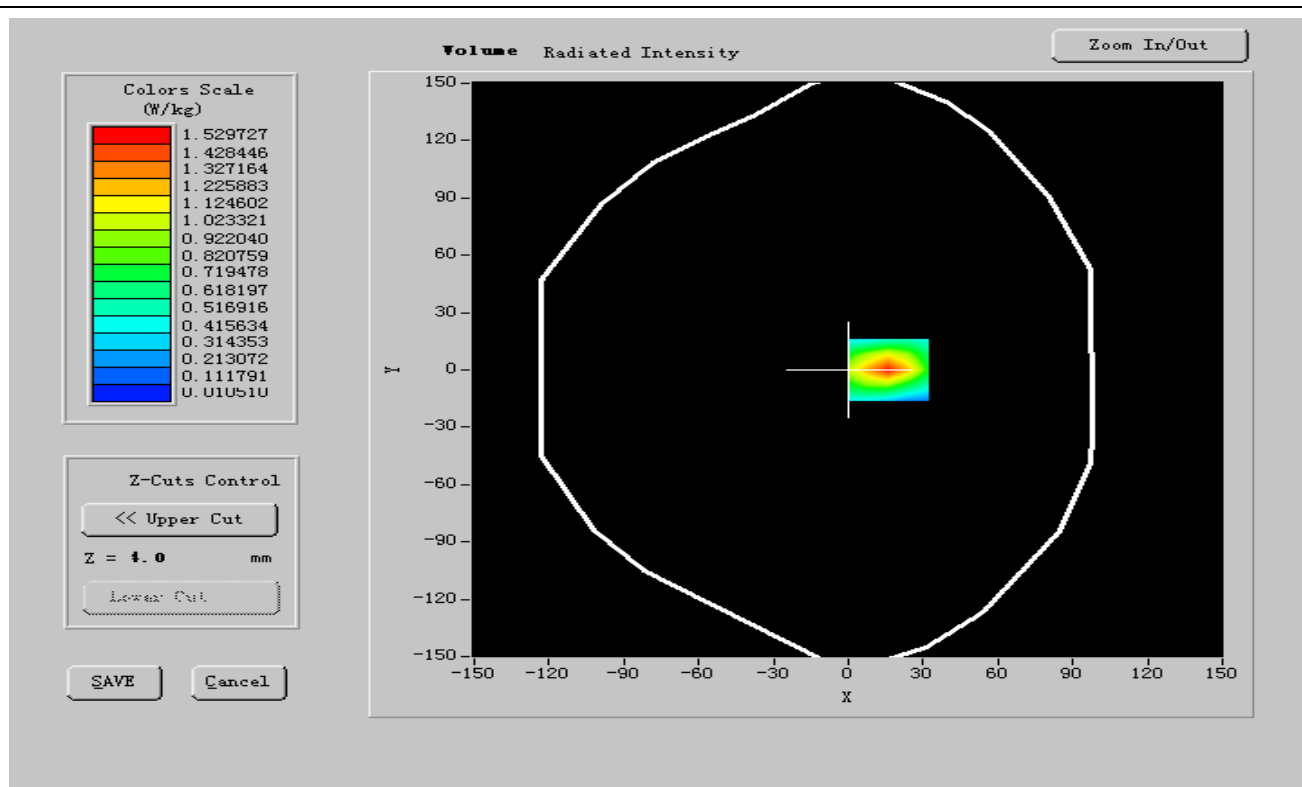
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



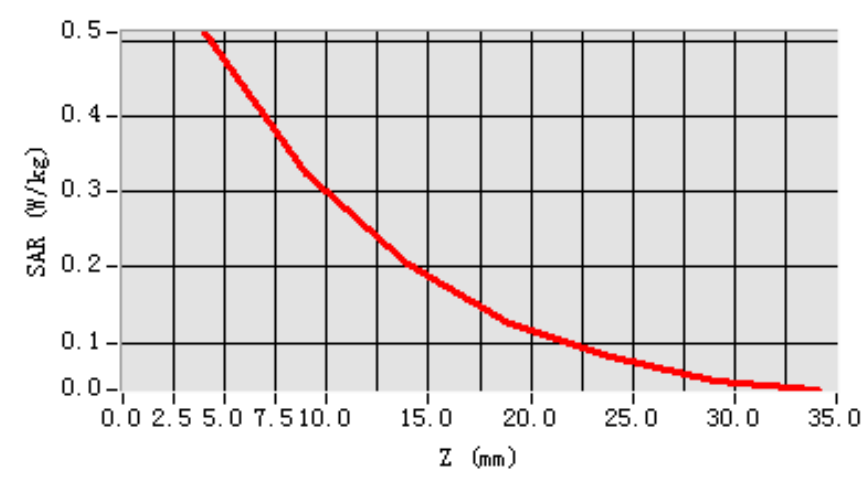


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.091241
SAR 1g (W/Kg)	0.153211

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 22

Date of measurement: 02/20/2011**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	HSDPA BAND II
Channels	Low
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

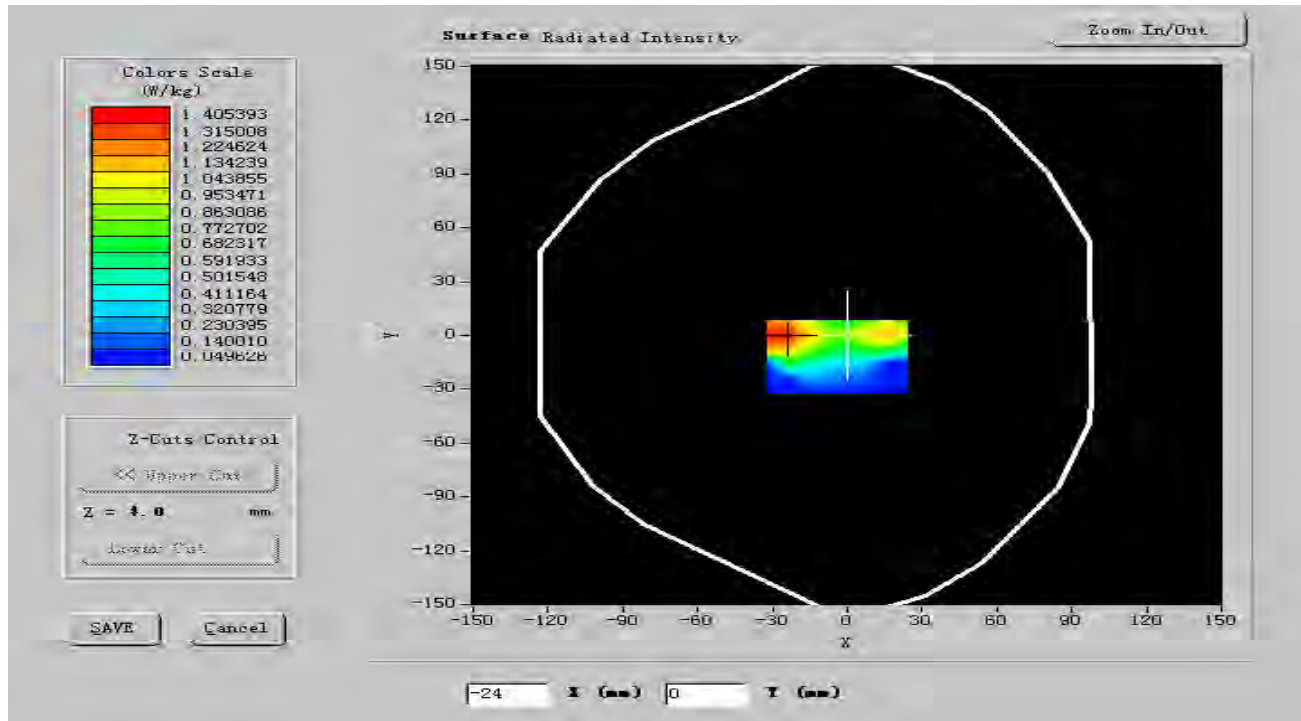
Frequency (MHz)	1852.400004
Relative permittivity (real part)	53.026500
Relative permittivity (imaginary part)	13.572017
Conductivity (S/m)	1.496001
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65



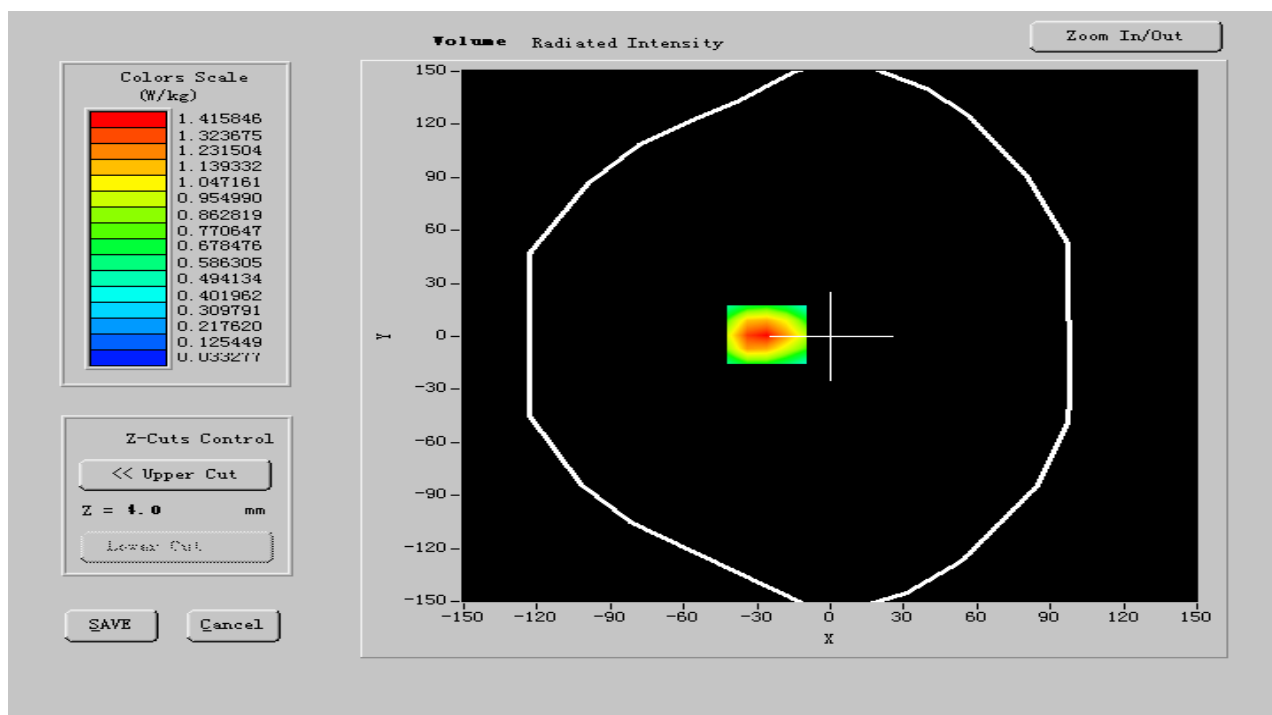
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



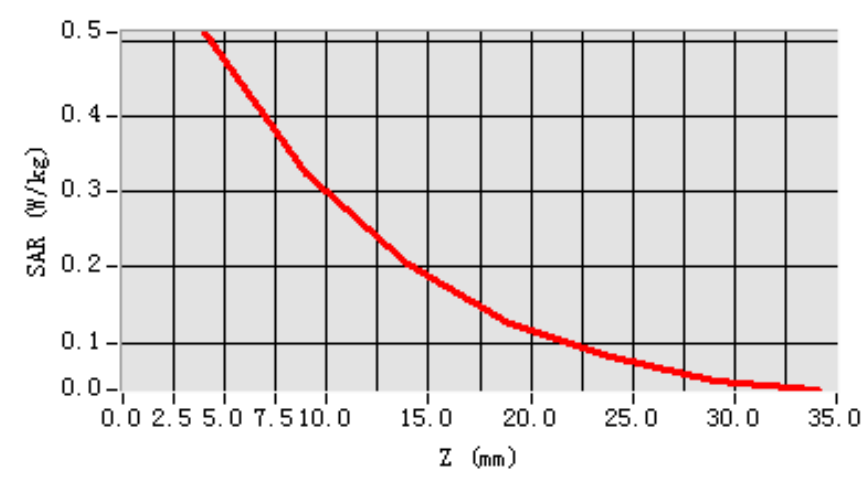


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.121562
SAR 1g (W/Kg)	0.155366

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 23

Date of measurement: 02/20/2011**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	HSDPA BAND II
Channels	Middle
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.954120
Relative permittivity (imaginary part)	13.623600
Conductivity (S/m)	1.521254
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



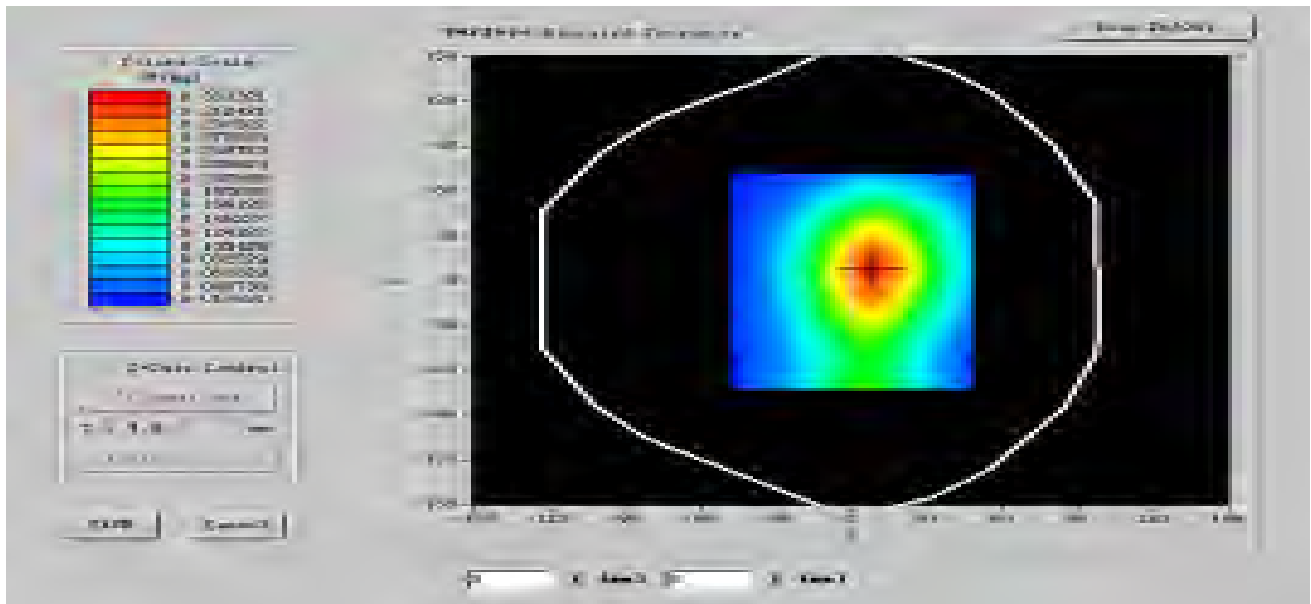
ConvF:

41.01, 42.41, 55.65

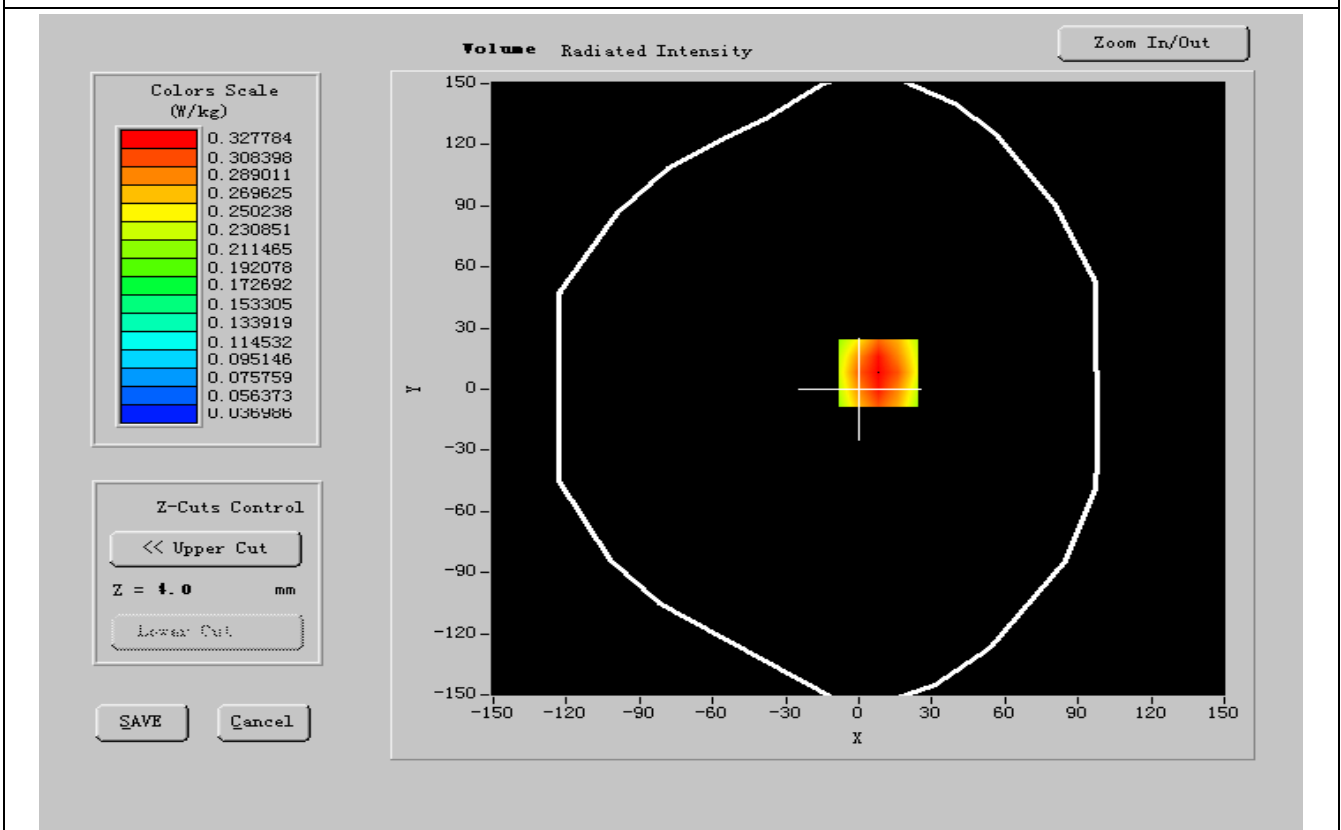
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



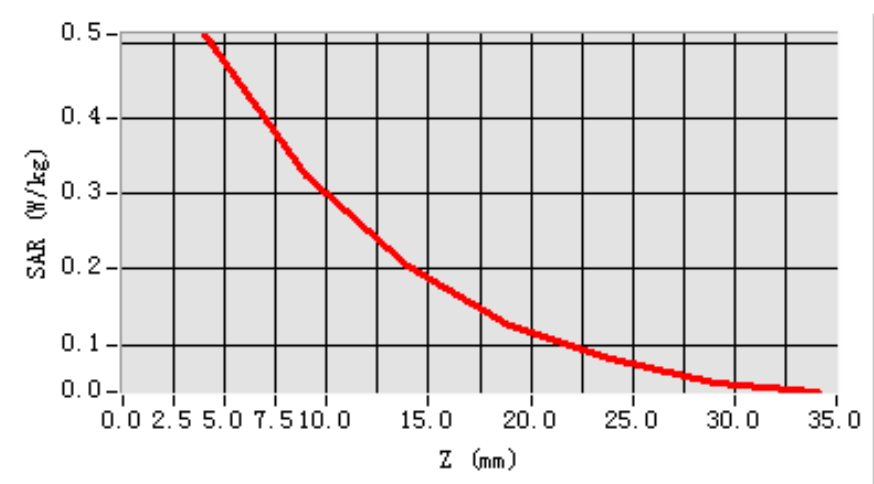


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.112669
SAR 1g (W/Kg)	0.165344

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





MEASUREMENT 24

Date of measurement: 02/20/2011**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	HSDPA BAND II
Channels	High
Signal	WCDMA

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 1900	Antennessa (DIPI36, SN 48/05)	Calibration Due: 02/09/2012
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	1906.790210
Relative permittivity (real part)	52.965210
Relative permittivity (imaginary part)	13.615420
Conductivity (S/m)	1.512517
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



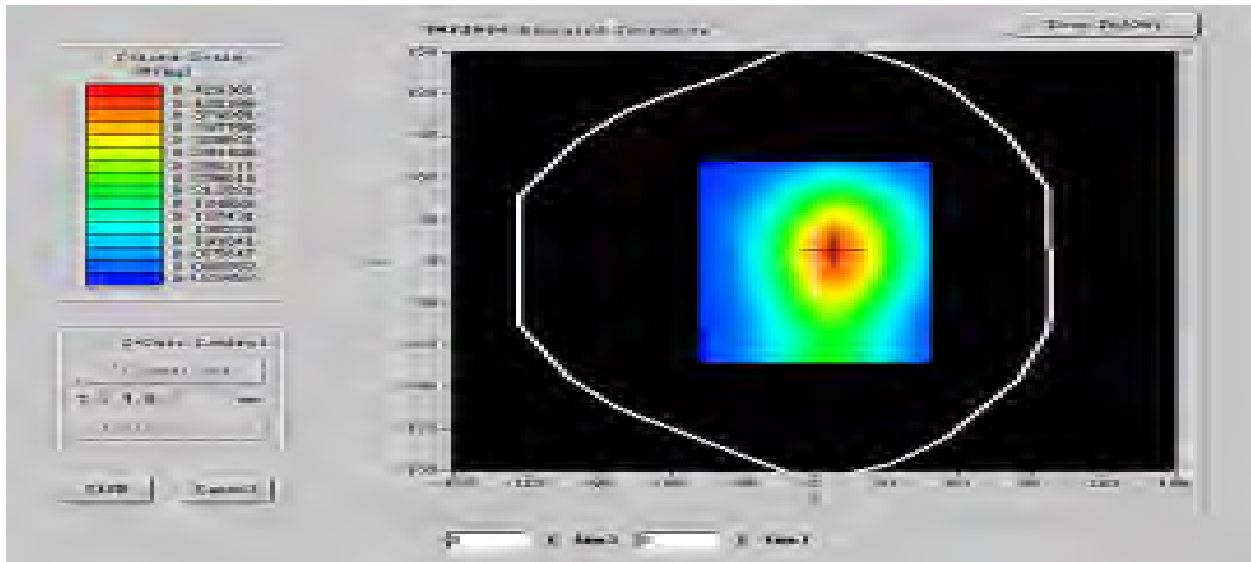
ConvF:

41.01, 42.41, 55.65

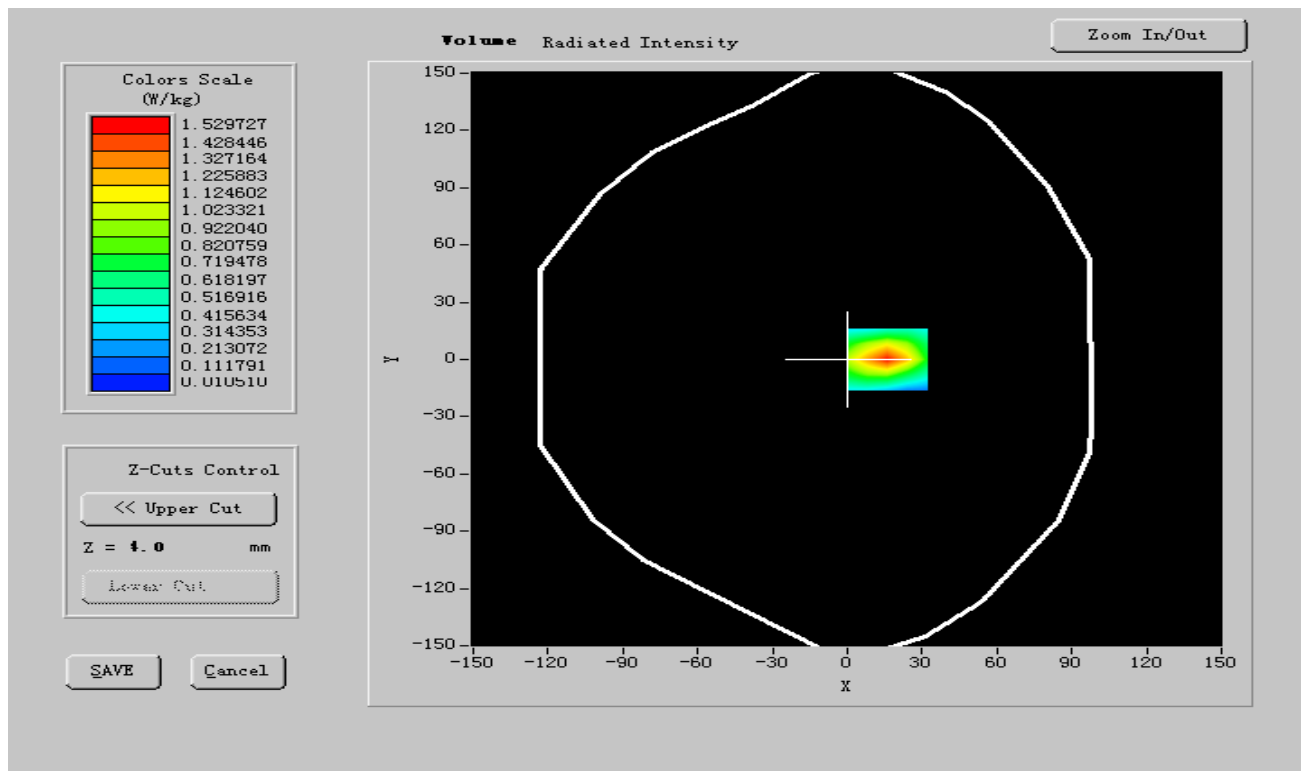
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



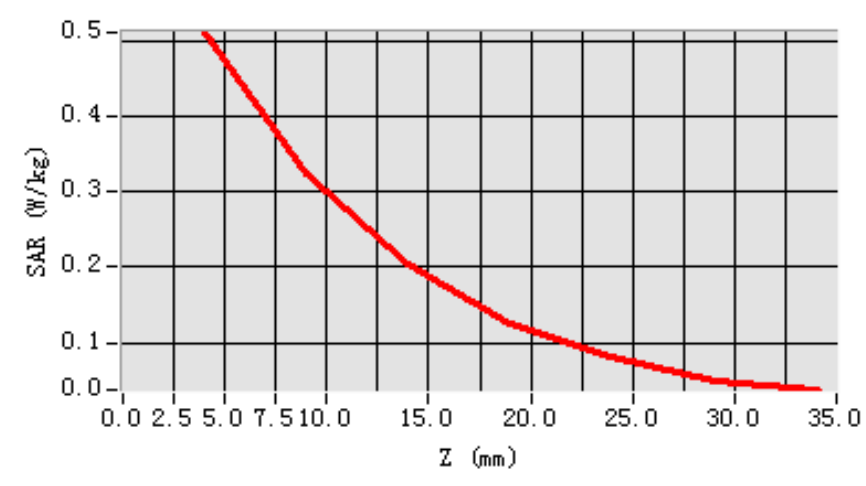


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.098741
SAR 1g (W/Kg)	0.157321

Z Axis Scan

SAR, Z Axis Scan (X = -10, Y = 12)





IIII. 802.11 B RESULTS

<u>TYPE</u>	<u>PARAMETERS</u>
<u>Phone</u>	<u>Measurement 1:</u> Right Head with Cheek device position on Low Channel in 802.11b mode <u>Measurement 2:</u> Right Head with Cheek device position on Middle Channel in 802.11b mode <u>Measurement 3:</u> Right Head with Cheek device position on High Channel in 802.11b mode <u>Measurement 4:</u> Right Head with Tilt device position on Low Channel in 802.11b mode <u>Measurement 5:</u> Right Head with Tilt device position on Middle Channel in 802.11b mode <u>Measurement 6:</u> Right Head with Tilt device position on High Channel in 802.11b mode <u>Measurement 7:</u> Left Head with Cheek device position on Low Channel in 802.11b mode <u>Measurement 8:</u> Left Head with Cheek device position on Middle Channel in 802.11b mode <u>Measurement 9:</u> Left Head with Cheek device position on High Channel in 802.11b mode <u>Measurement 10:</u> Left Head with Tilt device position on Low Channel in 802.11b mode <u>Measurement 11:</u> Left Head with Tilt device position on Middle Channel in 802.11b mode <u>Measurement 12:</u> Left Head with Tilt device position on High Channel in 802.11b mode <u>Measurement 13:</u> FrontSide toward phantom 15mm on Low Channel in 802.11b mode <u>Measurement 14:</u> FrontSide toward phantom 15mm on Middle Channel in 802.11b mode <u>Measurement 15:</u> FrontSide toward phantom 15mm on High Channel in 802.11b mode <u>Measurement 16:</u> BackSide toward phantom 15mm on Low Channel in 802.11b mode <u>Measurement 17:</u> BackSide toward phantom 15mm on Middle Channel in 802.11b mode <u>Measurement 18:</u> BackSide toward phantom 15mm on High Channel in 802.11b mode



MEASUREMENT 1

Date of measurement: 02/20/2011**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	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

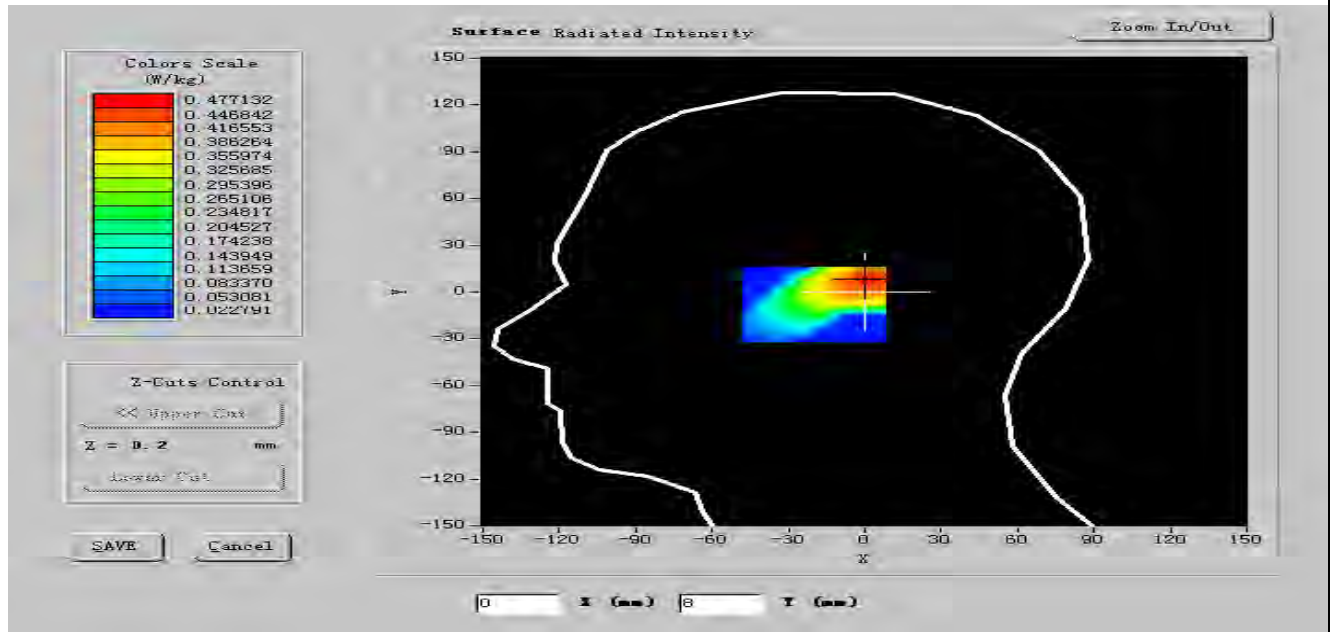
Frequency (MHz)	2412.0000
Relative permittivity (real part)	40.405521
Relative permittivity (imaginary part)	13.349850
Conductivity (S/m)	1.862061
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	51.18,53.87,70.48



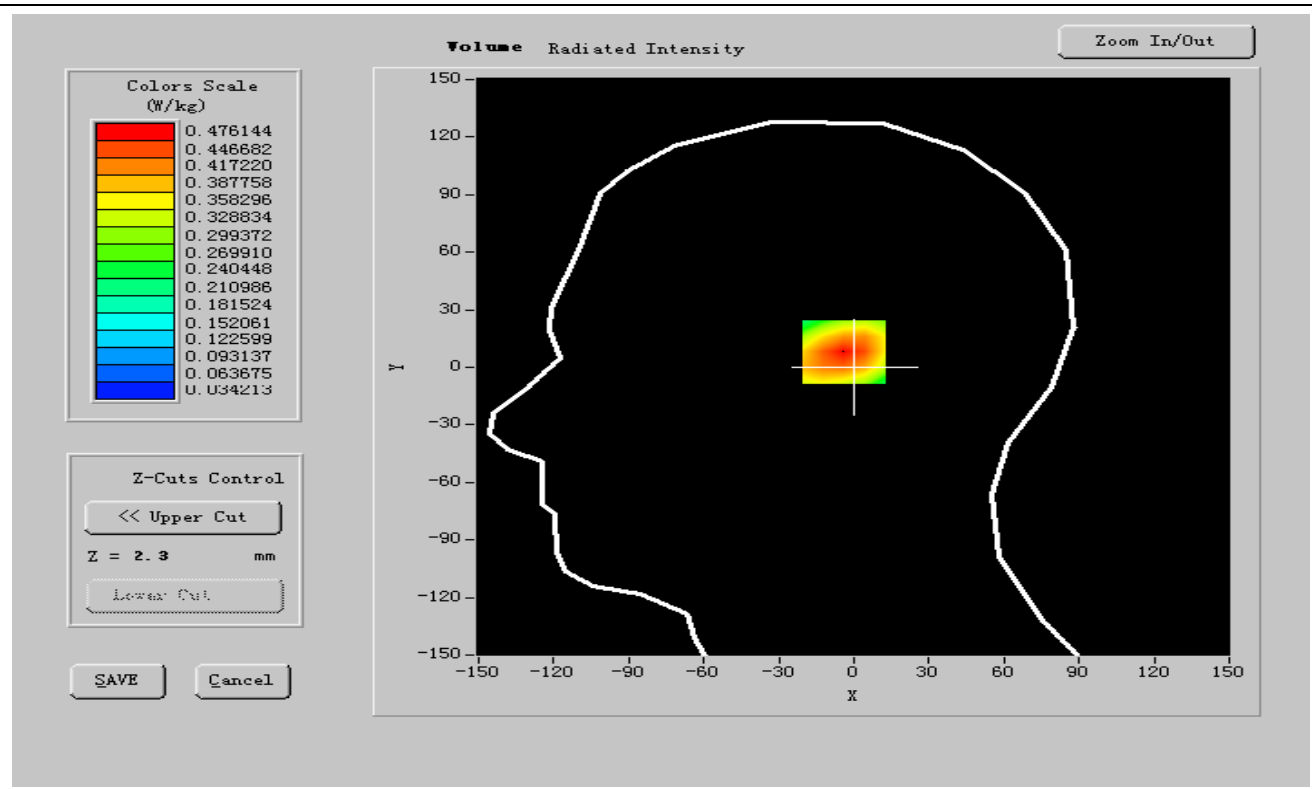
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



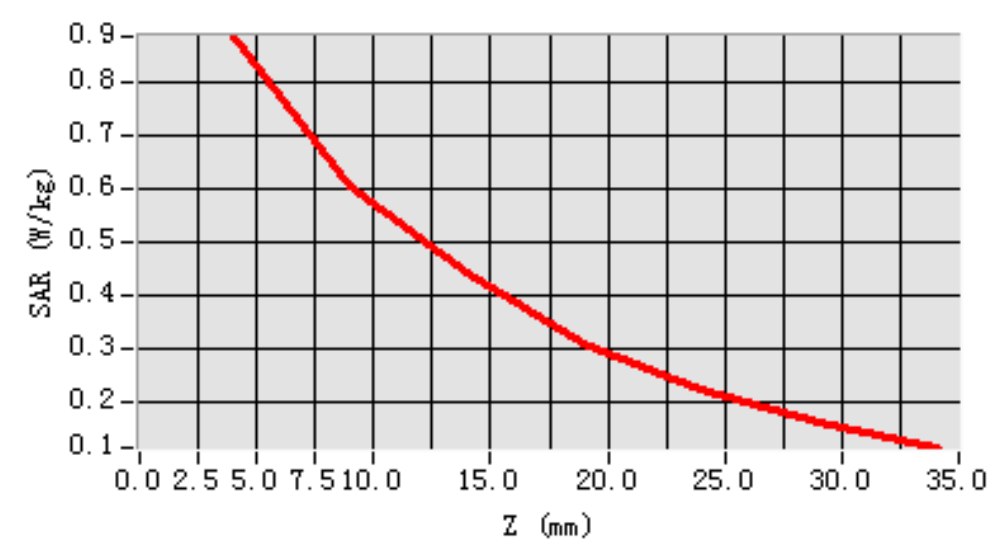


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.092240
SAR 1g (W/Kg)	0.182410

Z Axis Scan

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





MEASUREMENT 2

Date of measurement: 02/20/2011**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	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.411368
Relative permittivity (imaginary part)	13.348910
Conductivity (S/m)	1.856671
Variation (%)	-0.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



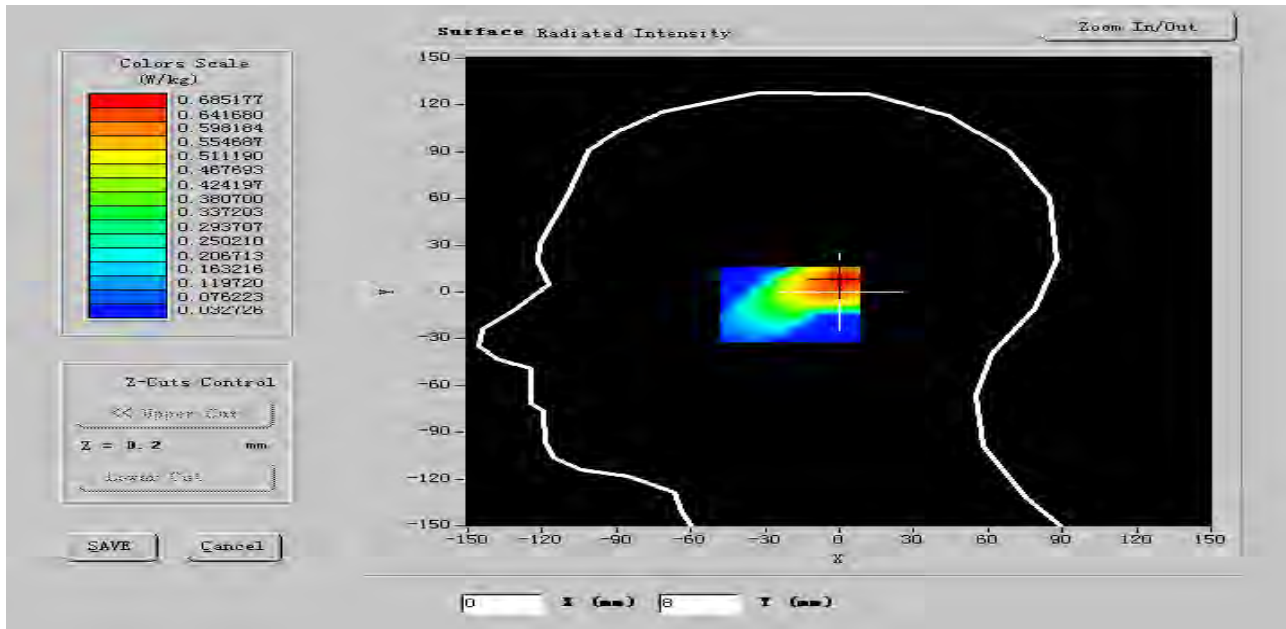
ConvF:

51.18,53.87,70.48

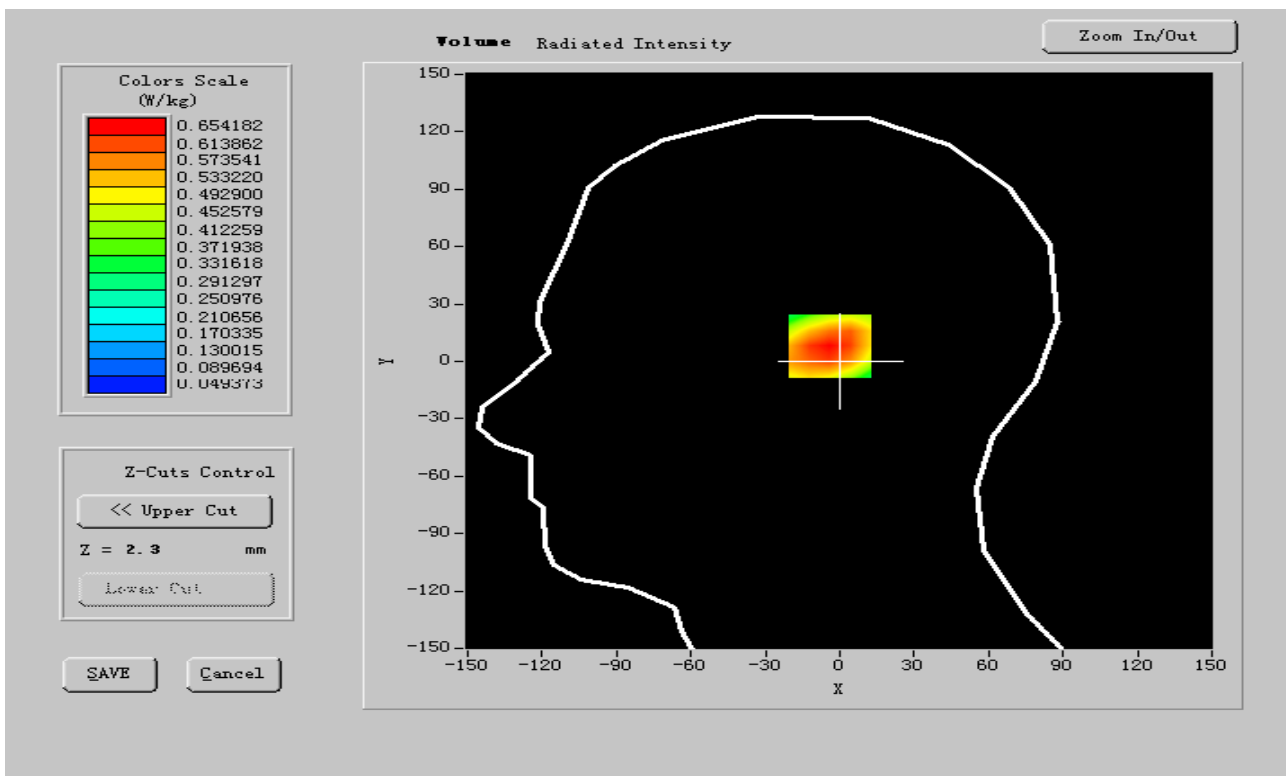
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



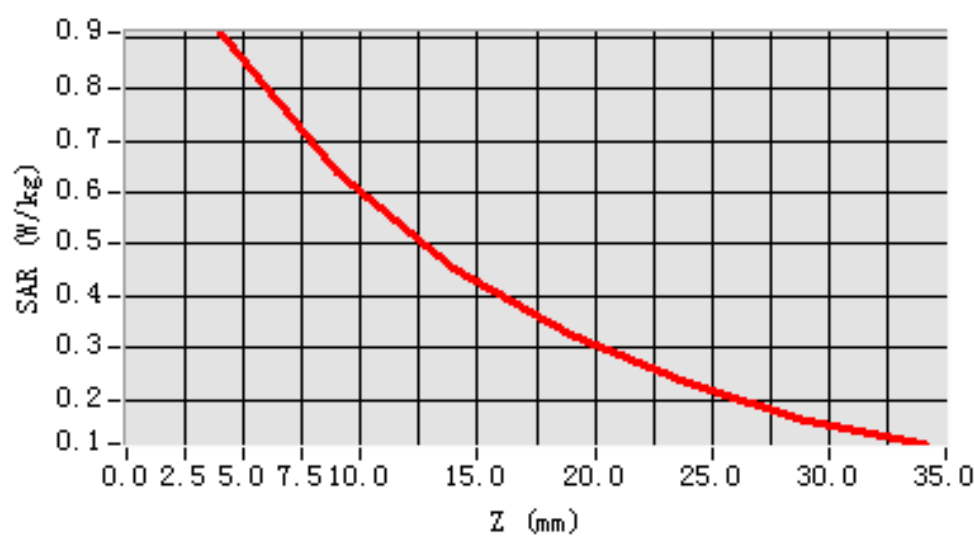


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.062140
SAR 1g (W/Kg)	0.102366

Z Axis Scan

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





MEASUREMENT 3

Date of measurement: 02/20/2011**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	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

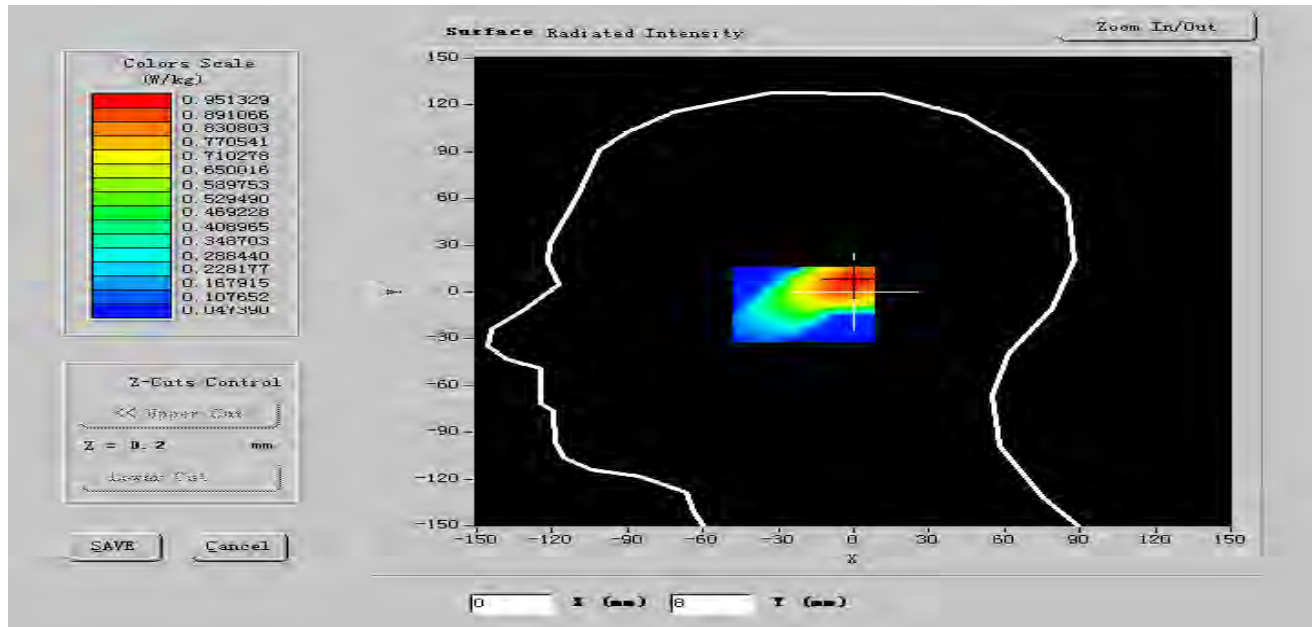
Frequency (MHz)	2462.000000
Relative permittivity (real part)	40.413362
Relative permittivity (imaginary part)	13.350612
Conductivity (S/m)	1.858677
Variation (%)	-0.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	51.18,53.87,70.48



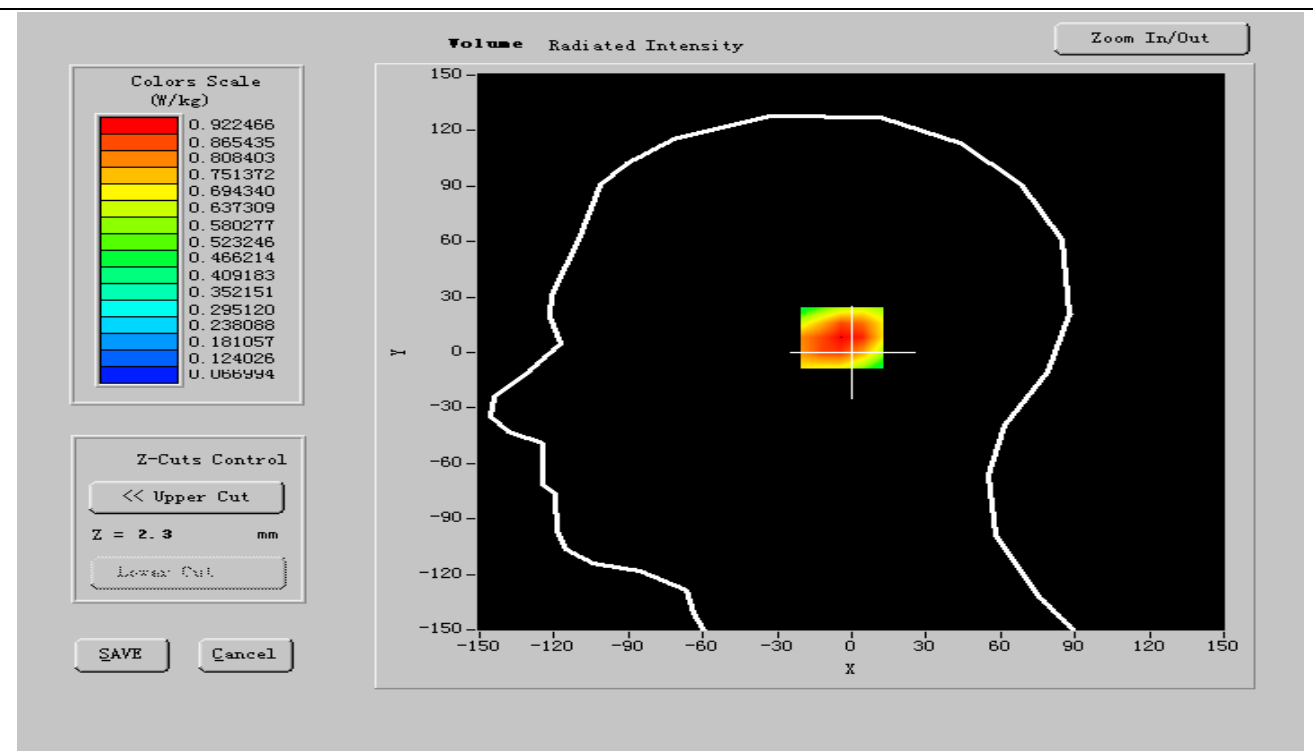
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



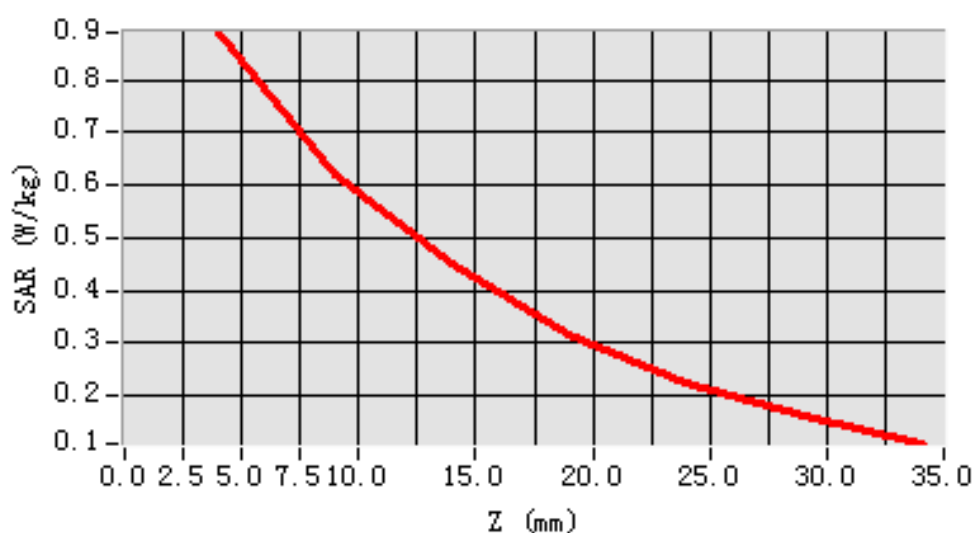


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.072355
SAR 1g (W/Kg)	0.112001

Z Axis Scan

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





MEASUREMENT 4

Date of measurement: 02/20/2011**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	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2412.000000
Relative permittivity (real part)	40.413006
Relative permittivity (imaginary part)	13.299880
Conductivity (S/m)	1.86024
Variation (%)	-1.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



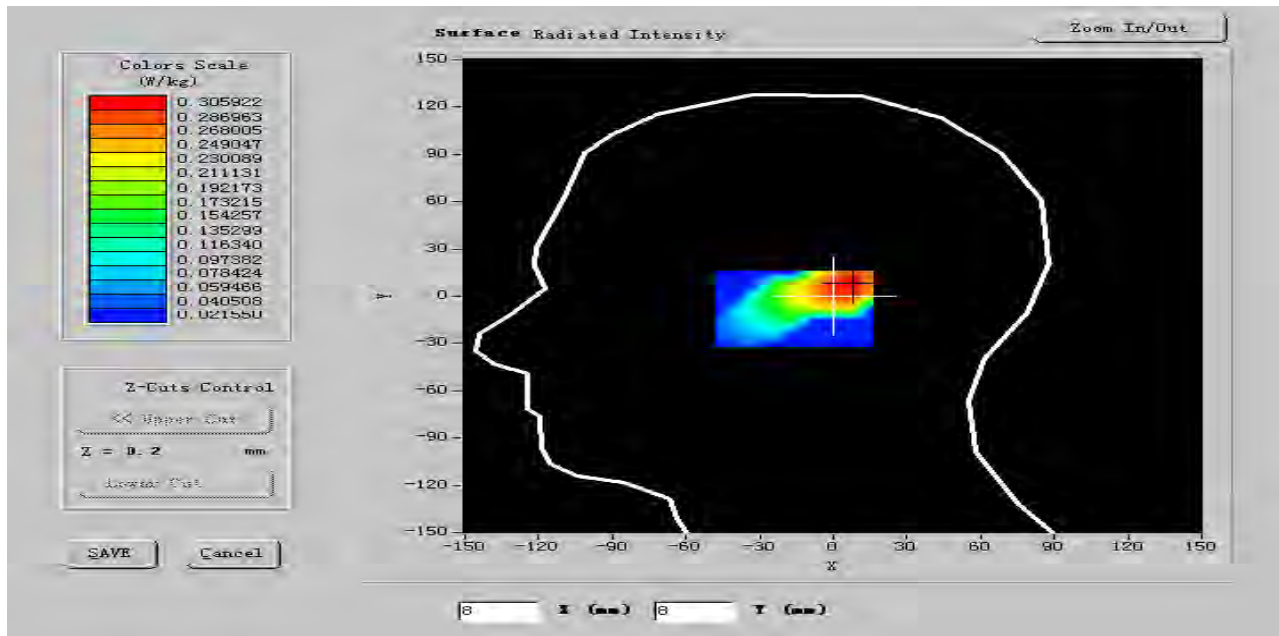
ConvF:

51.18,53.87,70.48

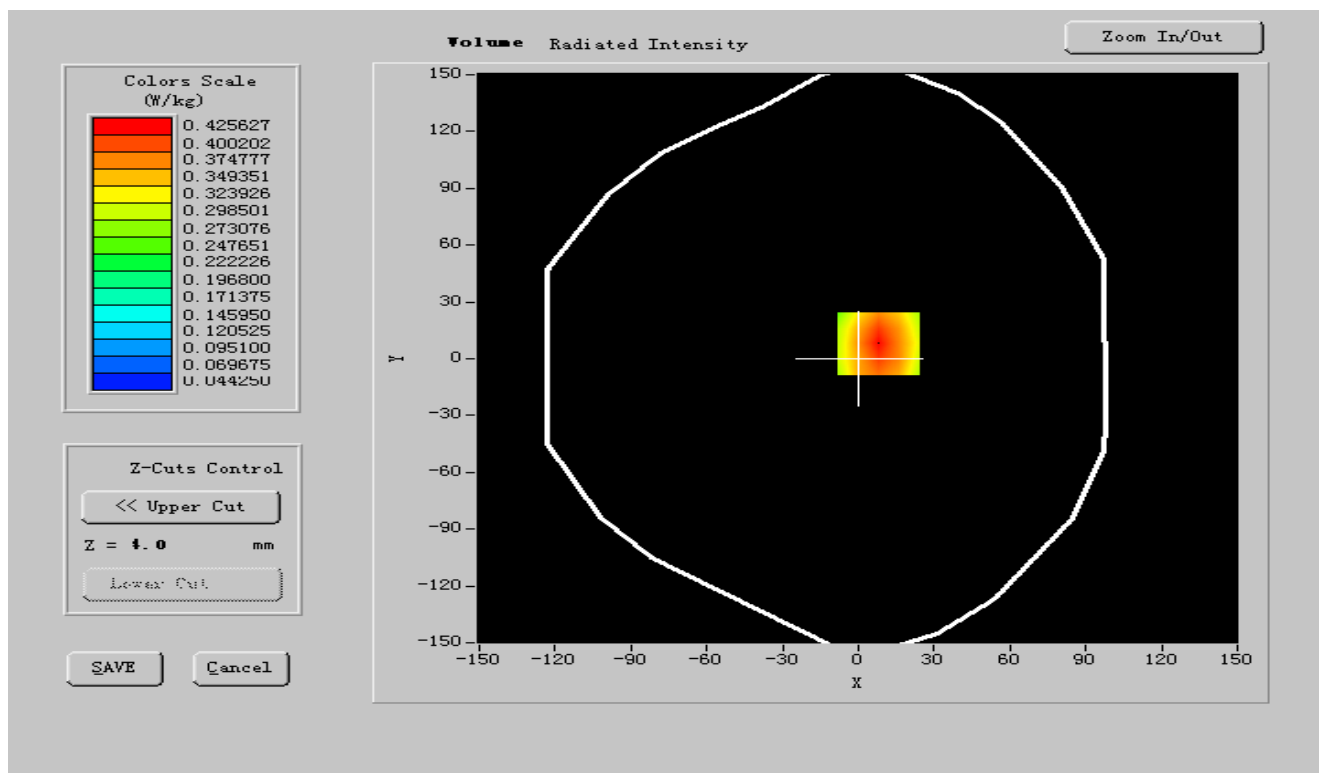
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



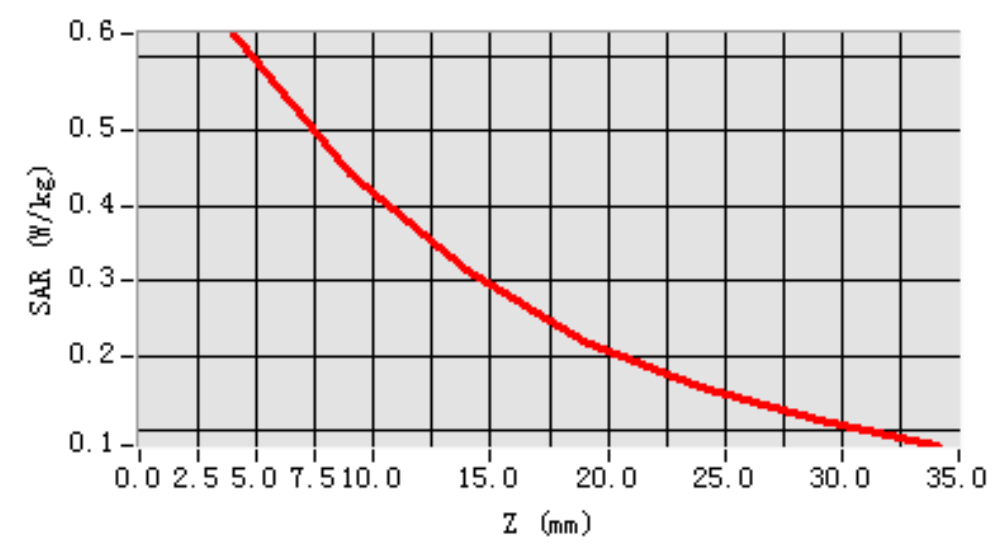


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.081333
SAR 1g (W/Kg)	0.121208

Z Axis Scan

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





MEASUREMENT 5

Date of measurement: 02/20/2011**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	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.412031
Relative permittivity (imaginary part)	13.346801
Conductivity (S/m)	1.860344
Variation (%)	-0.450000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



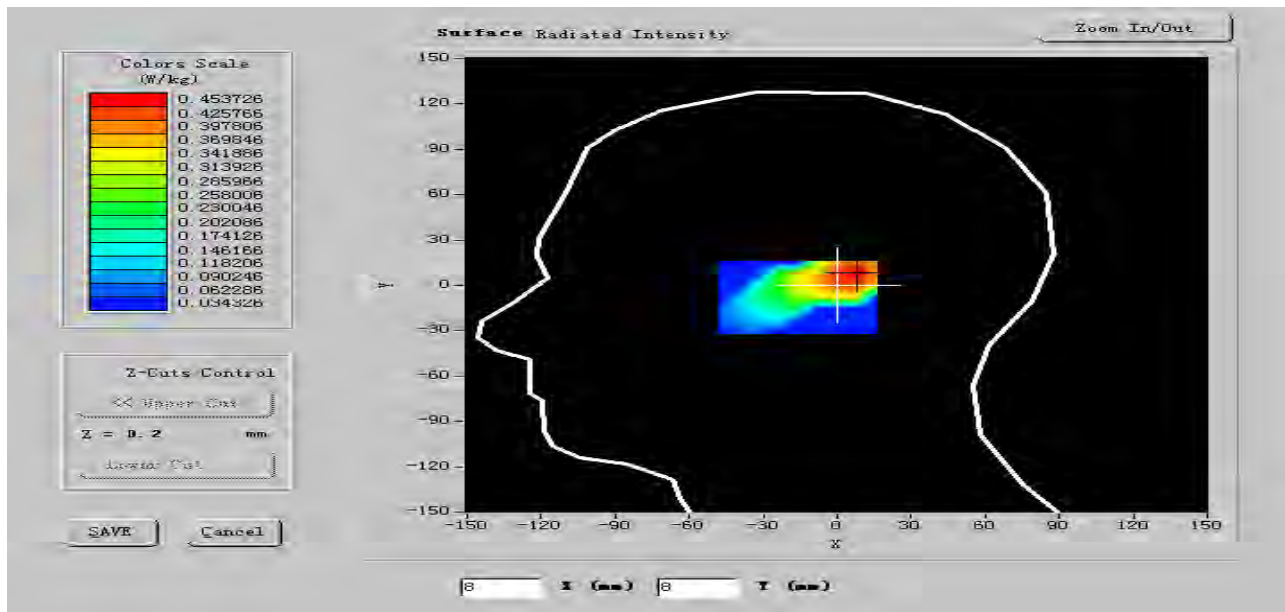
ConvF:

51.18,53.87,70.48

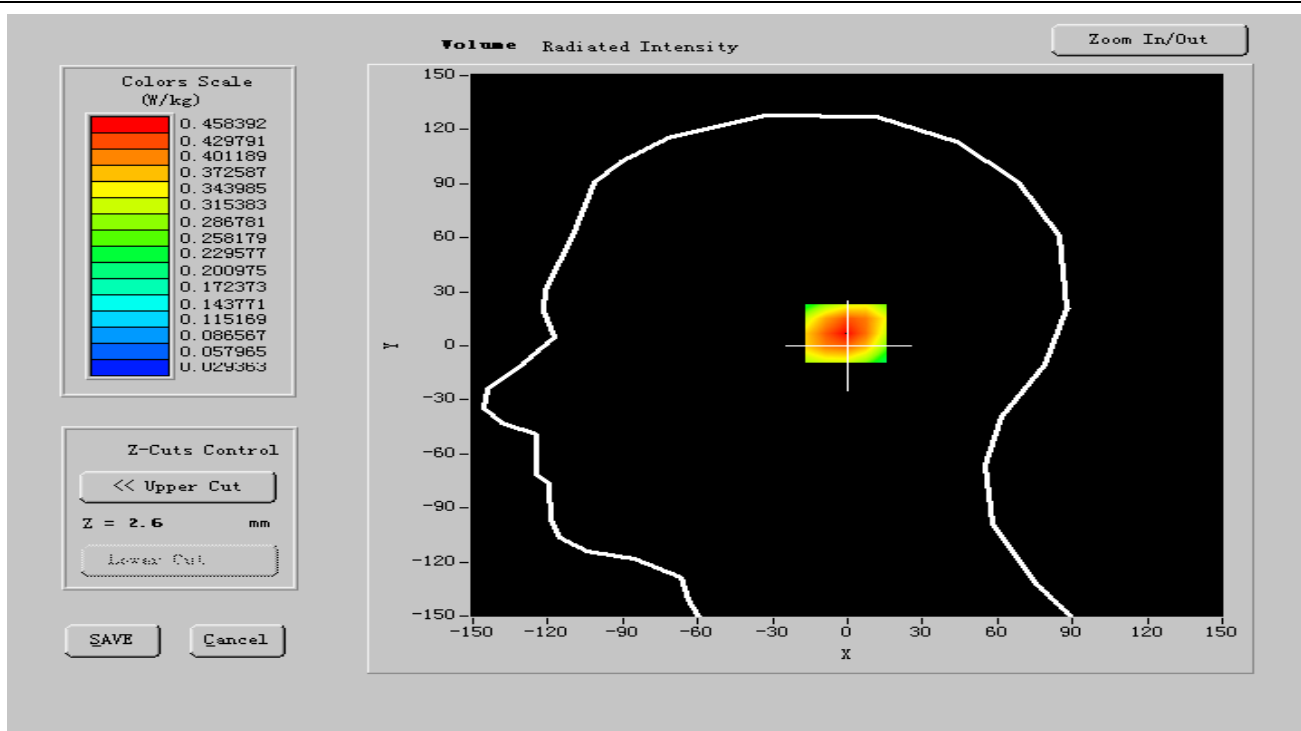
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



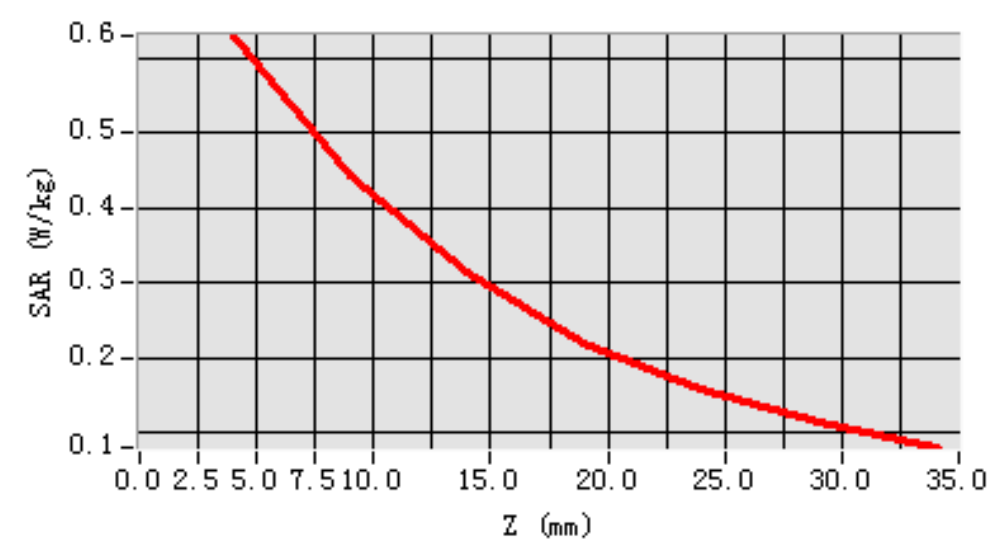


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.093211
SAR 1g (W/Kg)	0.102164

Z Axis Scan

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





MEASUREMENT 6

Date of measurement: 02/20/2011**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	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	40.413000
Relative permittivity (imaginary part)	13.353144
Conductivity (S/m)	1.860050
Variation (%)	-1.500000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



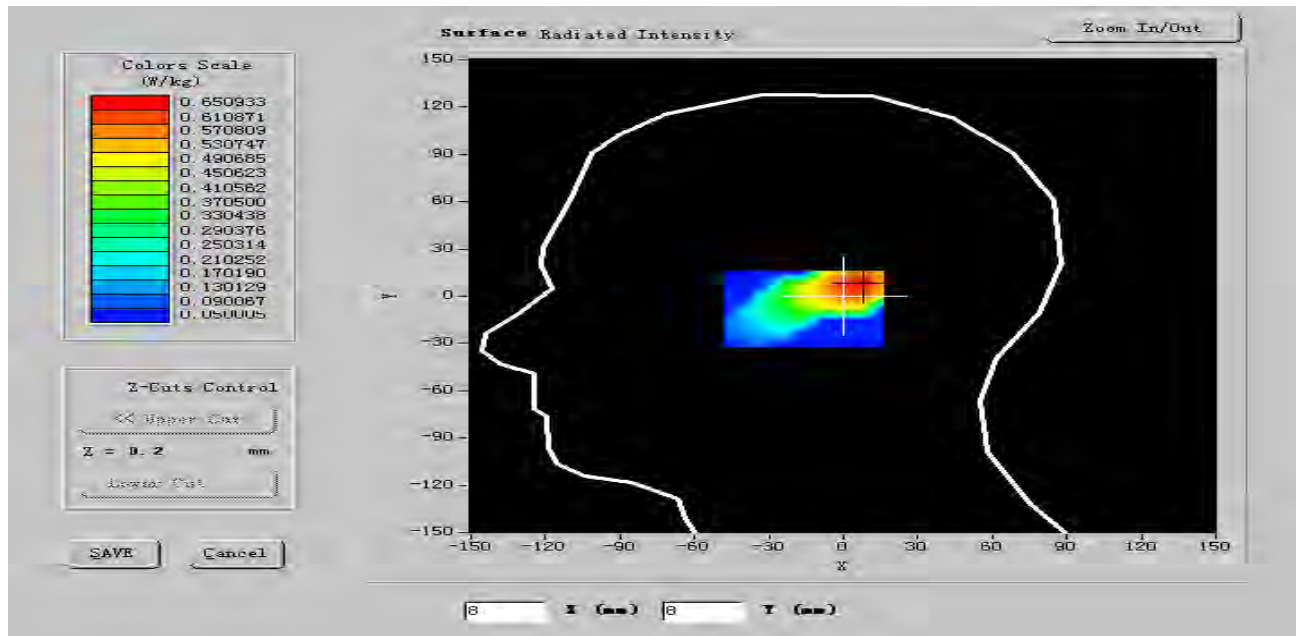
ConvF:

51.18,53.87,70.48

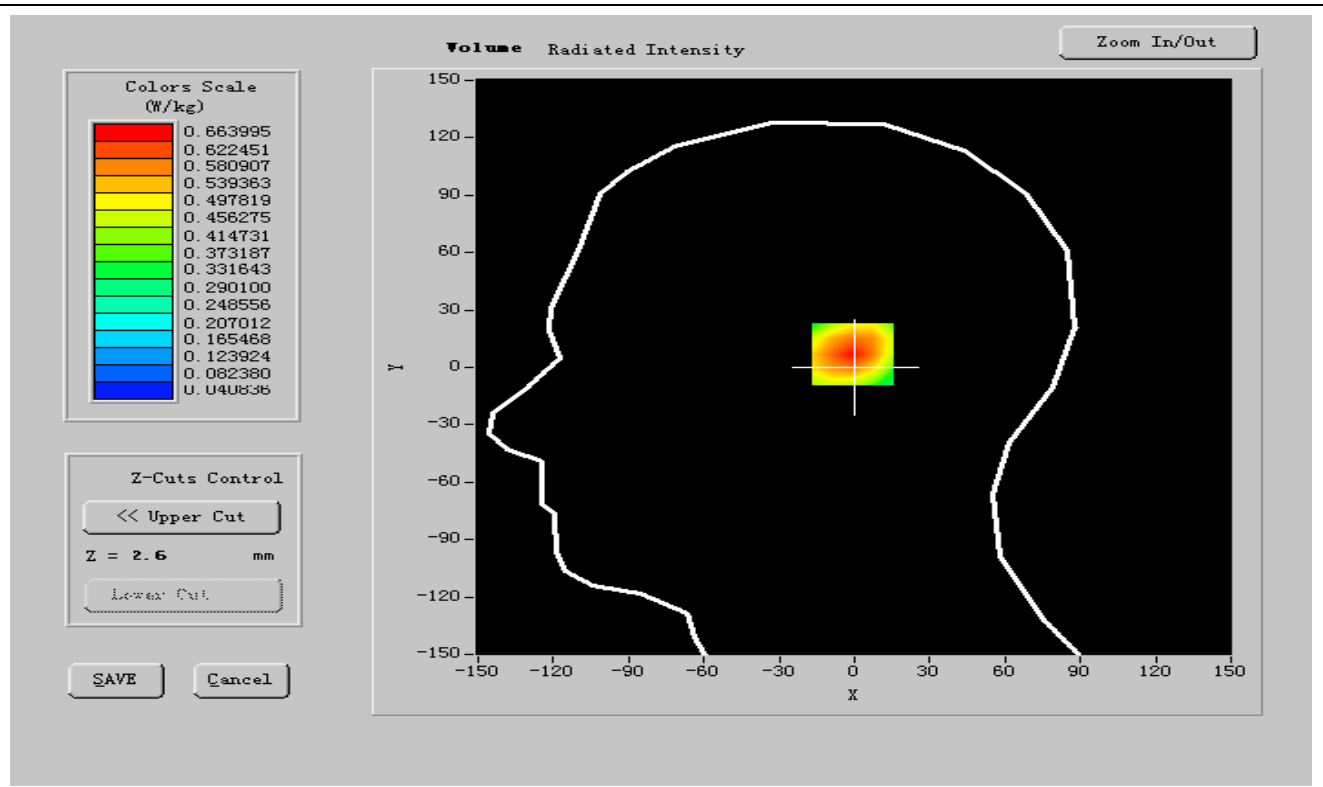
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



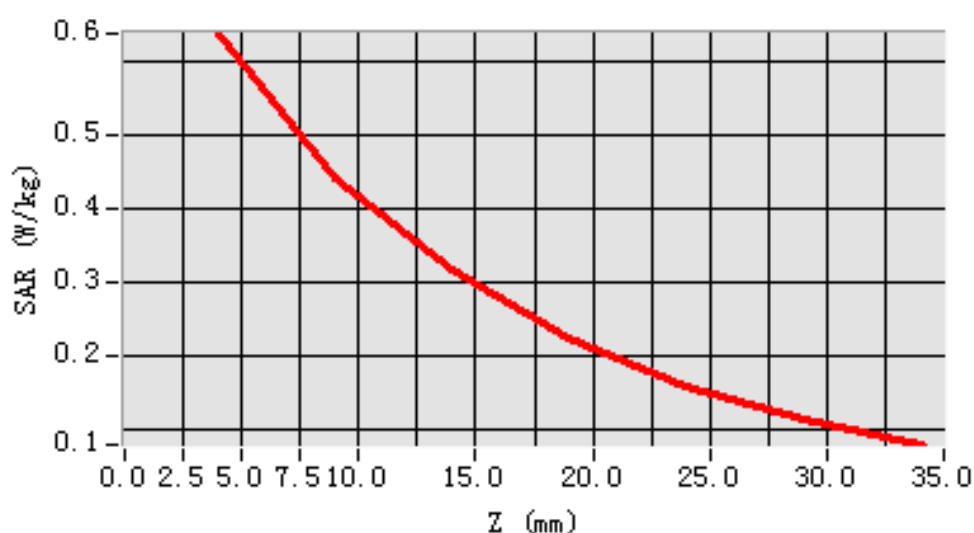


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.063212
SAR 1g (W/Kg)	0.132100

Z Axis Scan

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





MEASUREMENT 7

Date of measurement: 02/20/2011**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	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2412.000000
Relative permittivity (real part)	40.411885
Relative permittivity (imaginary part)	13.360125
Conductivity (S/m)	1.870004
Variation (%)	0.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



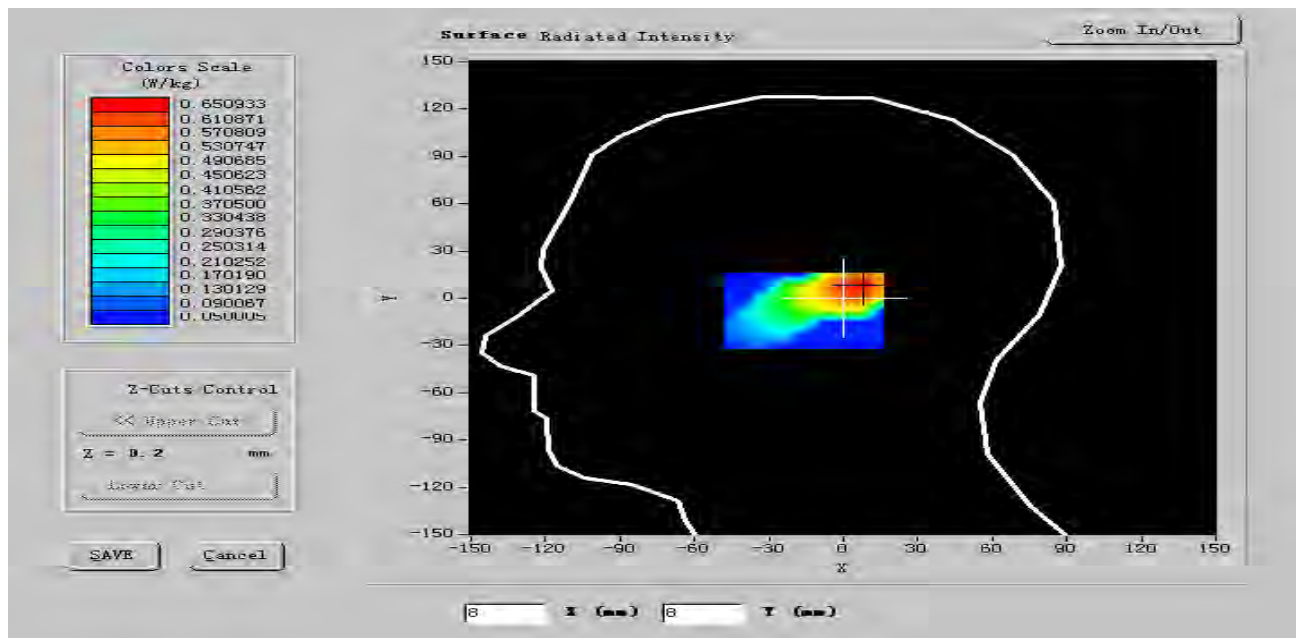
ConvF:

51.18,53.87,70.48

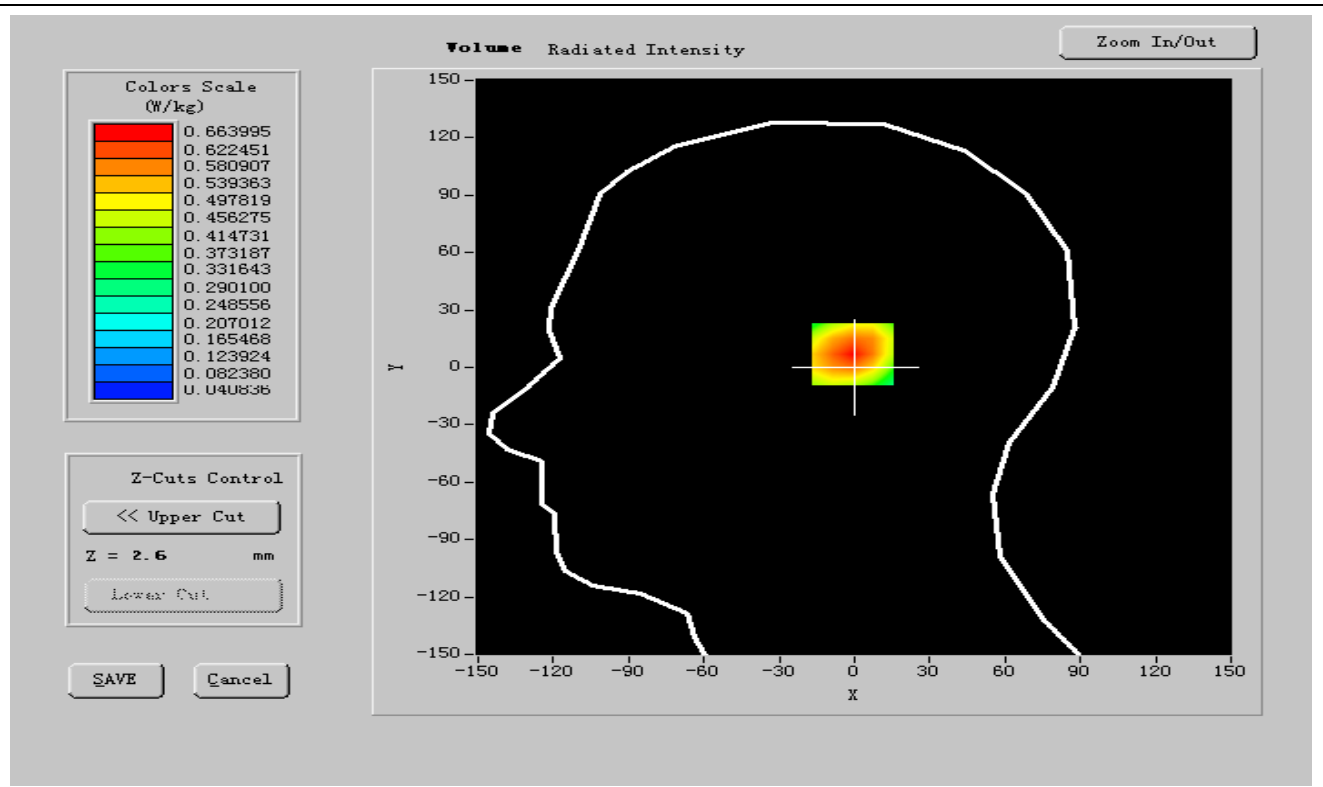
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



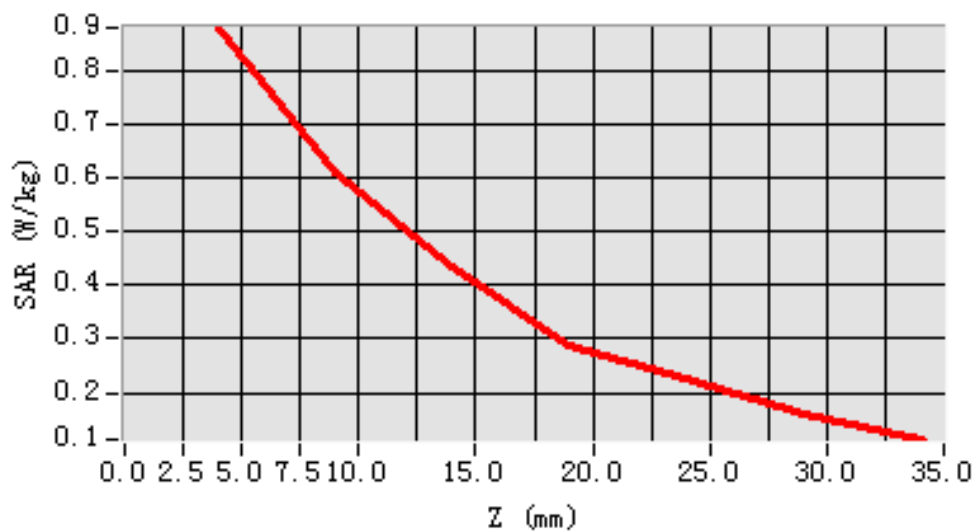


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.082414
SAR 1g (W/Kg)	0.142100

Z Axis Scan

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





MEASUREMENT 8

Date of measurement: 02/20/2011**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	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.423570
Relative permittivity (imaginary part)	13.361181
Conductivity (S/m)	1.853301
Variation (%)	1.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



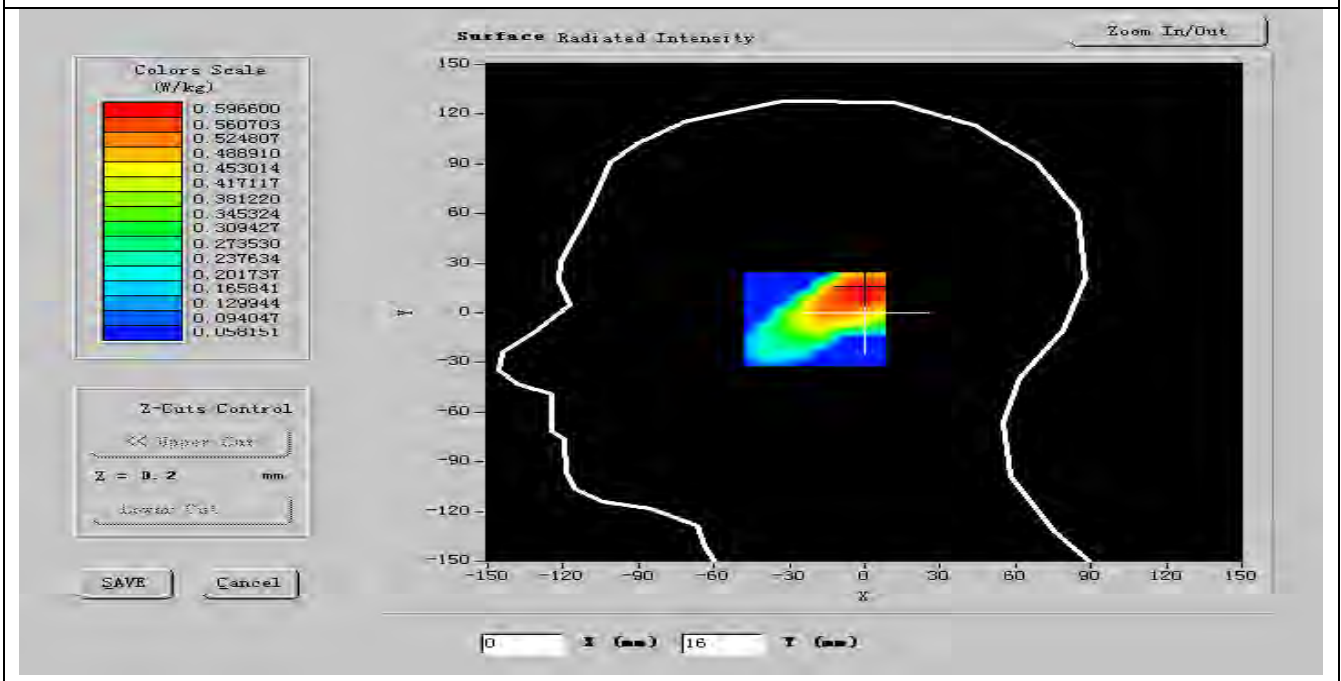
ConvF:

51.18,53.87,70.48

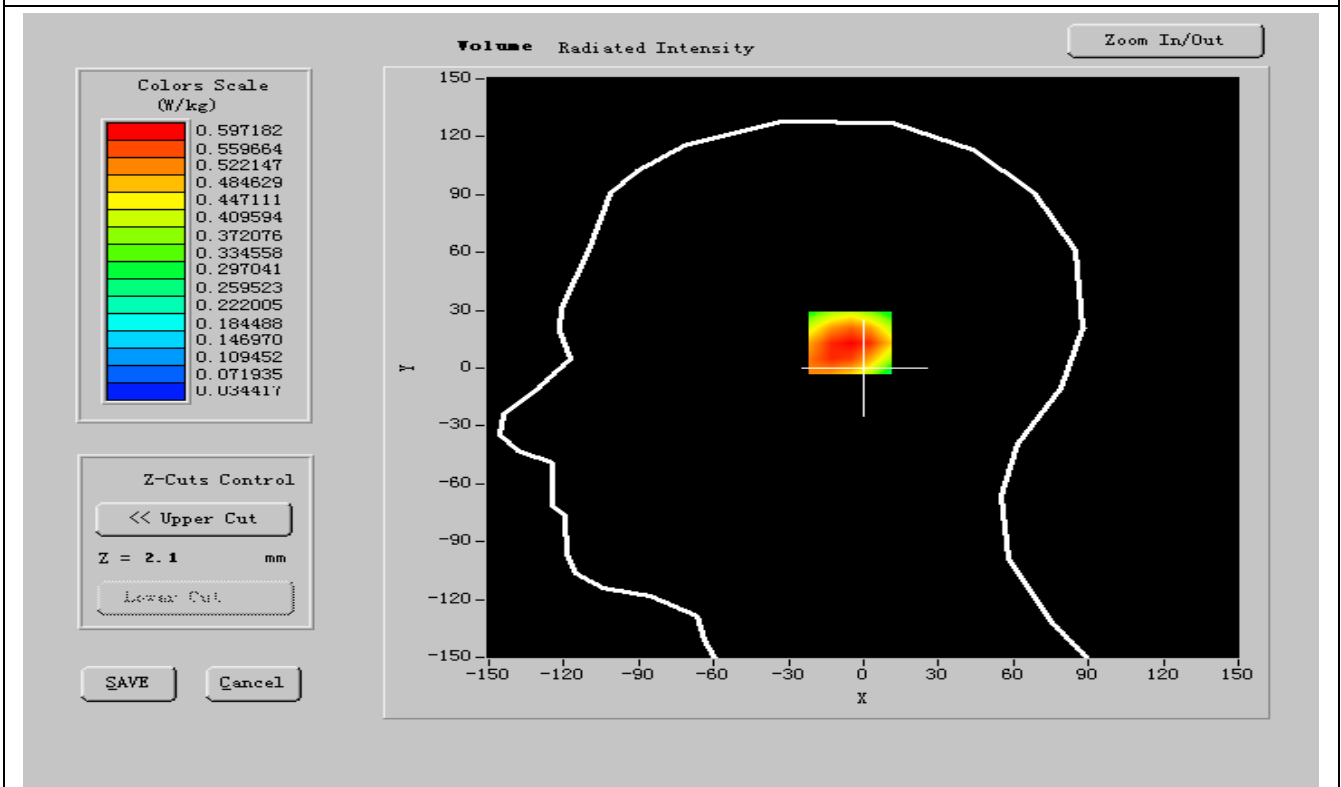
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



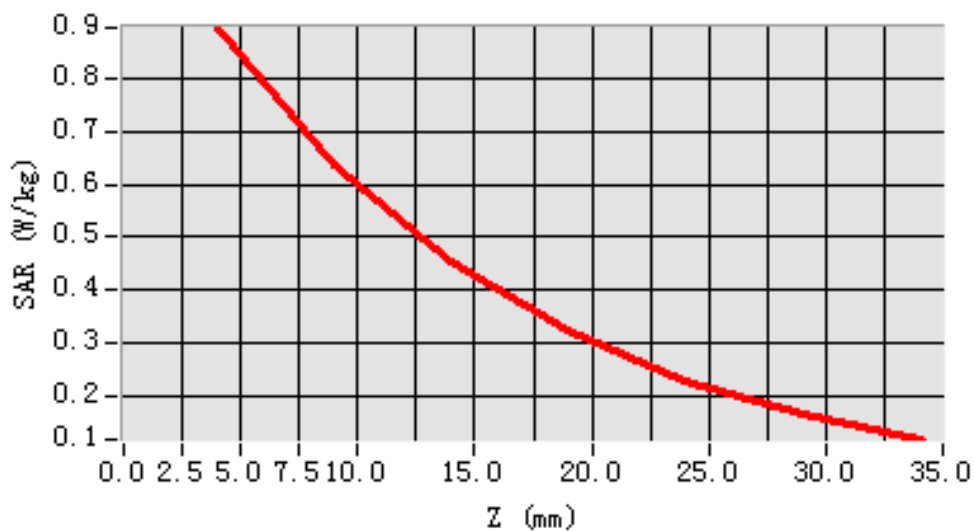


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.110214
SAR 1g (W/Kg)	0.192024

Z Axis Scan

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





MEASUREMENT 9

Date of measurement: 02/20/2011**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	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	40.216348
Relative permittivity (imaginary part)	13.369120
Conductivity (S/m)	1.856720
Variation (%)	0.500000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



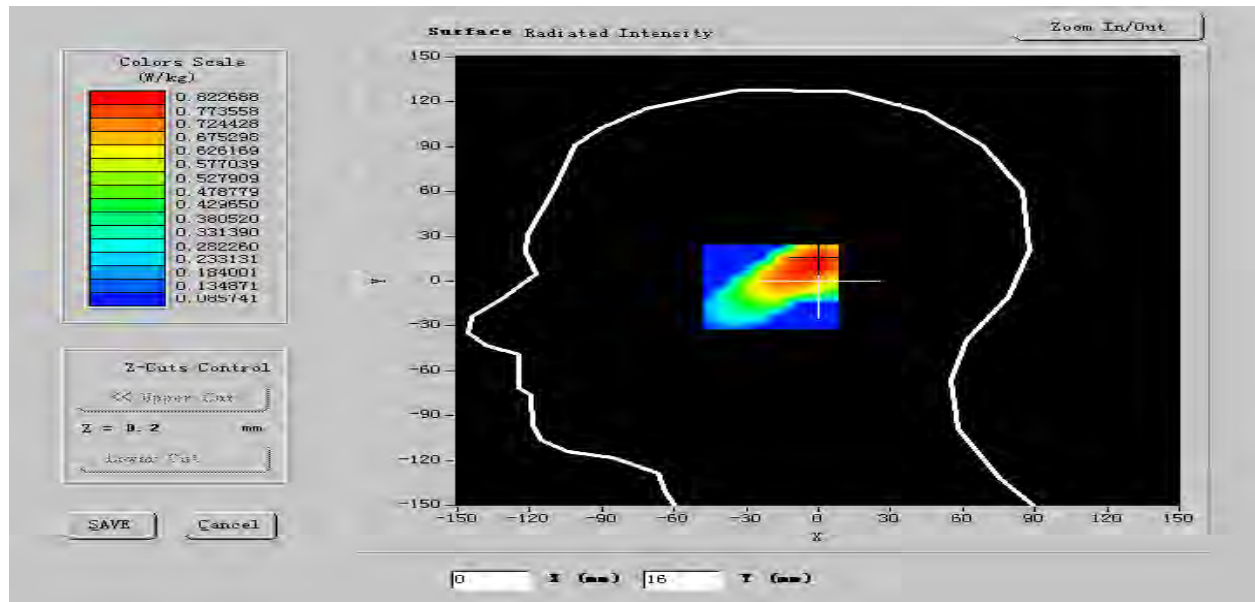
ConvF:

51.18,53.87,70.48

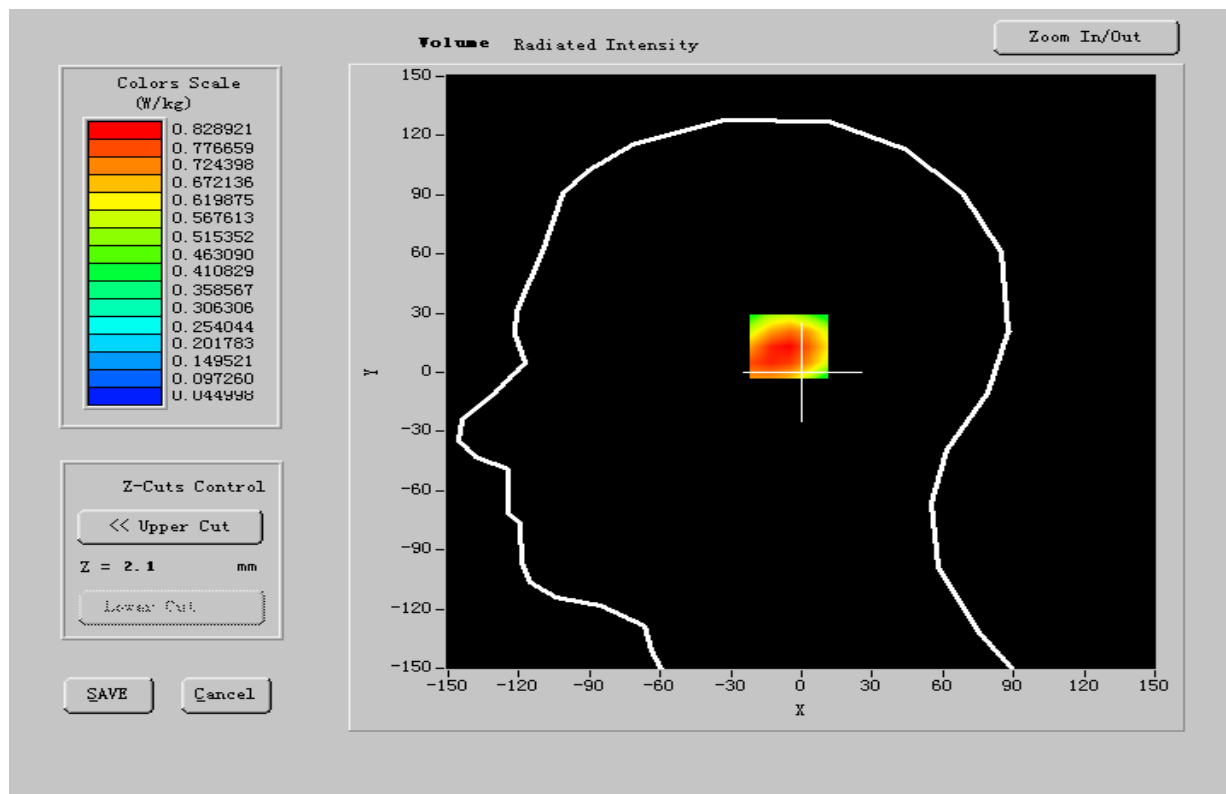
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



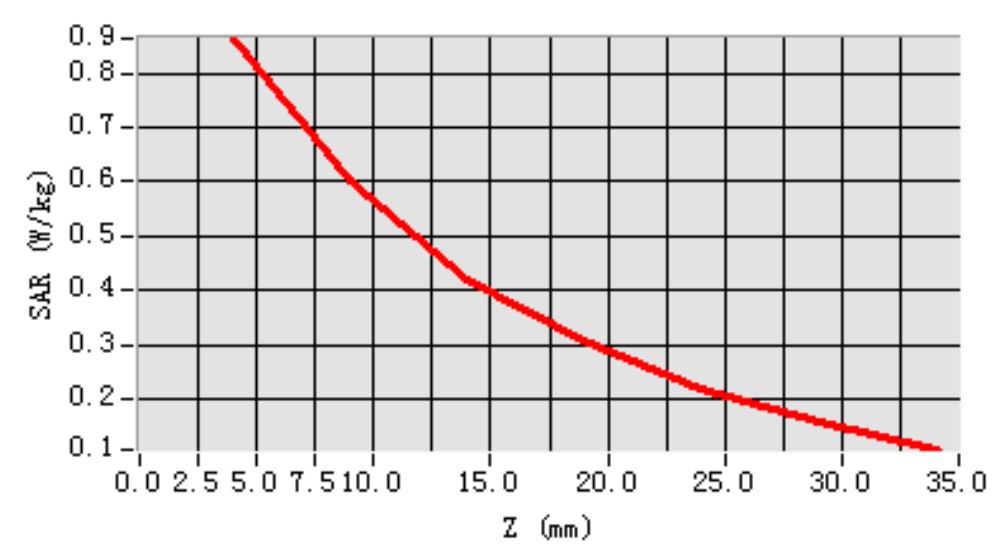


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.132100
SAR 1g (W/Kg)	0.162140

Z Axis Scan

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





MEASUREMENT 10

Date of measurement: 02/20/2011**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	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2412.000000
Relative permittivity (real part)	40.411584
Relative permittivity (imaginary part)	13.360591
Conductivity (S/m)	1.858466
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



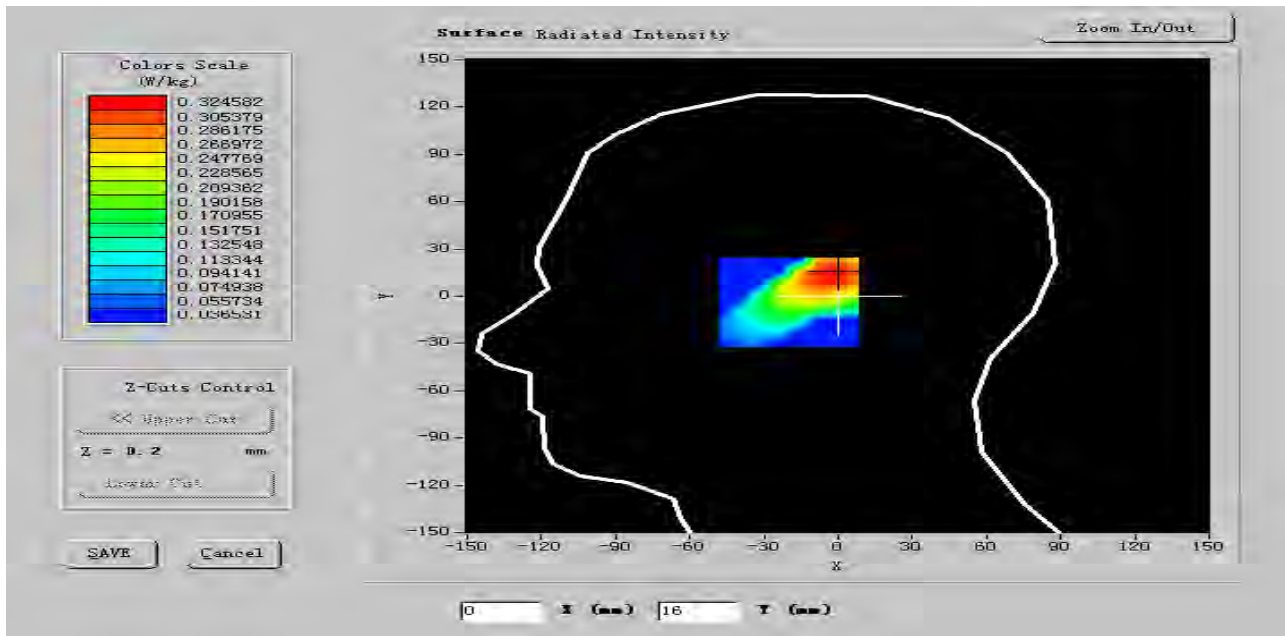
ConvF:

51.18,53.87,70.48

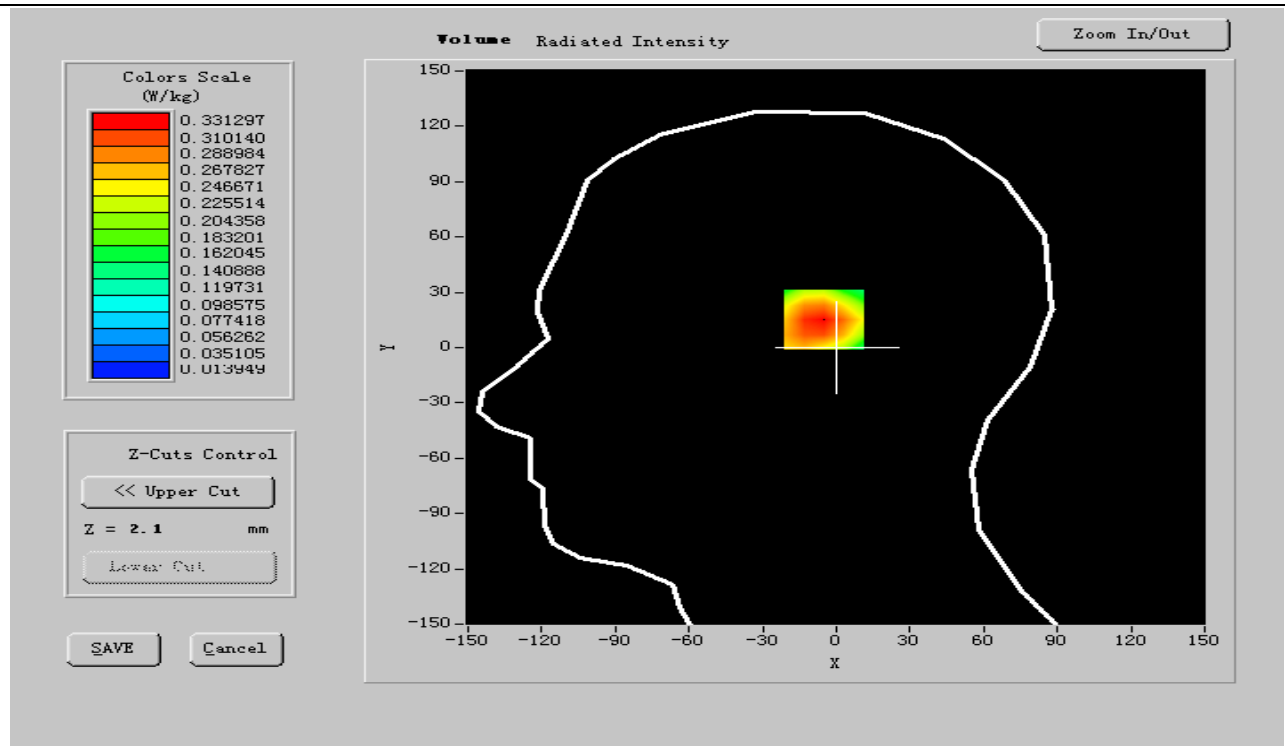
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



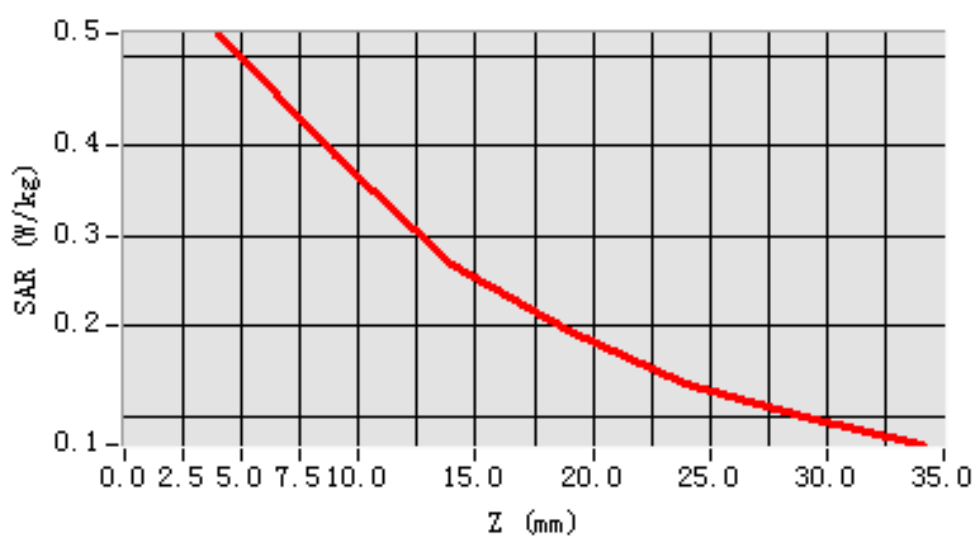


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.133213
SAR 1g (W/Kg)	0.203156

Z Axis Scan

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





MEASUREMENT 11

Date of measurement: 02/20/2011**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	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.410335
Relative permittivity (imaginary part)	13.299614
Conductivity (S/m)	1.856470
Variation (%)	-1.200000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



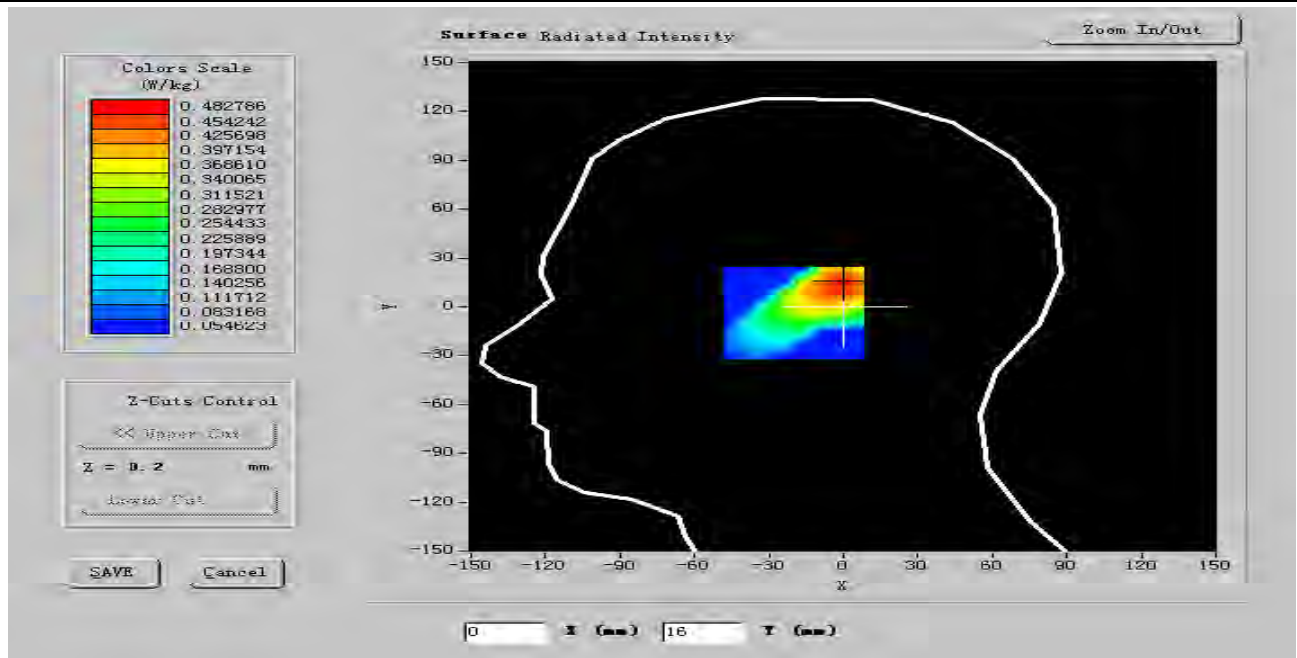
ConvF:

51.18,53.87,70.48

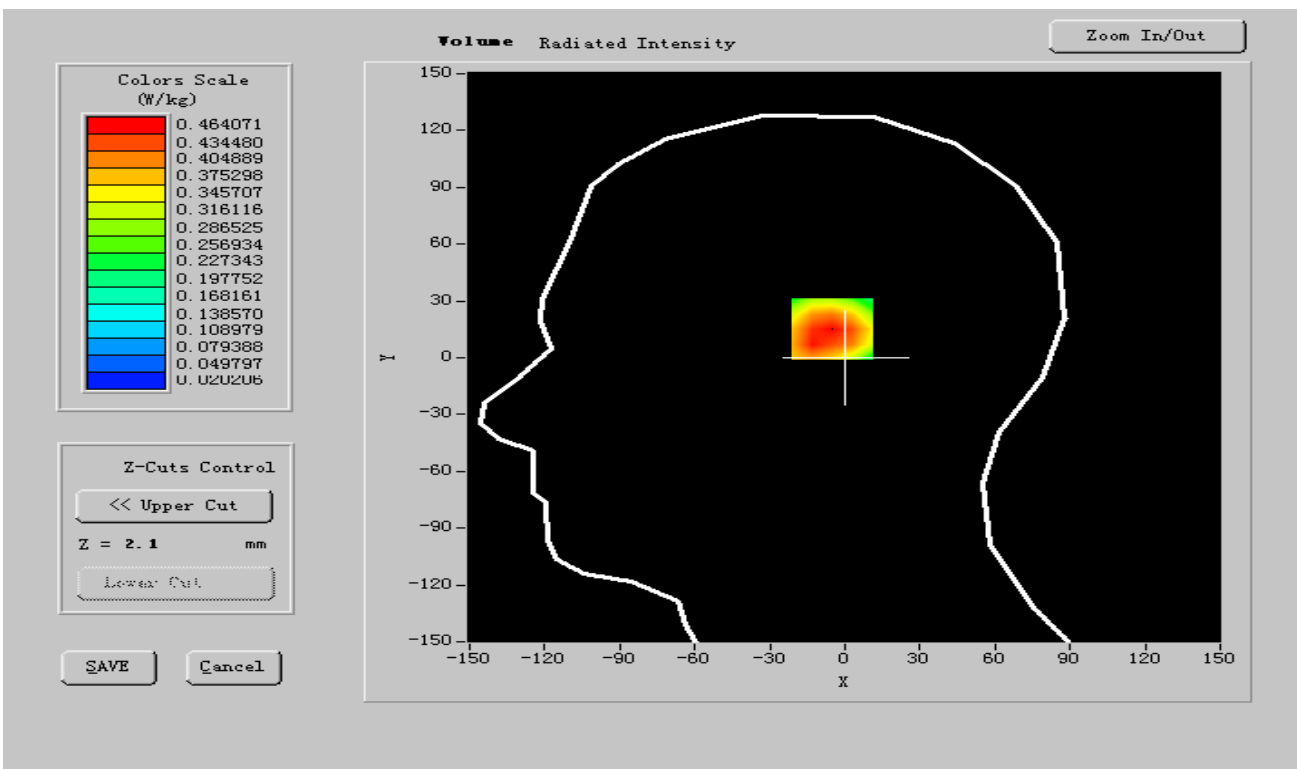
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



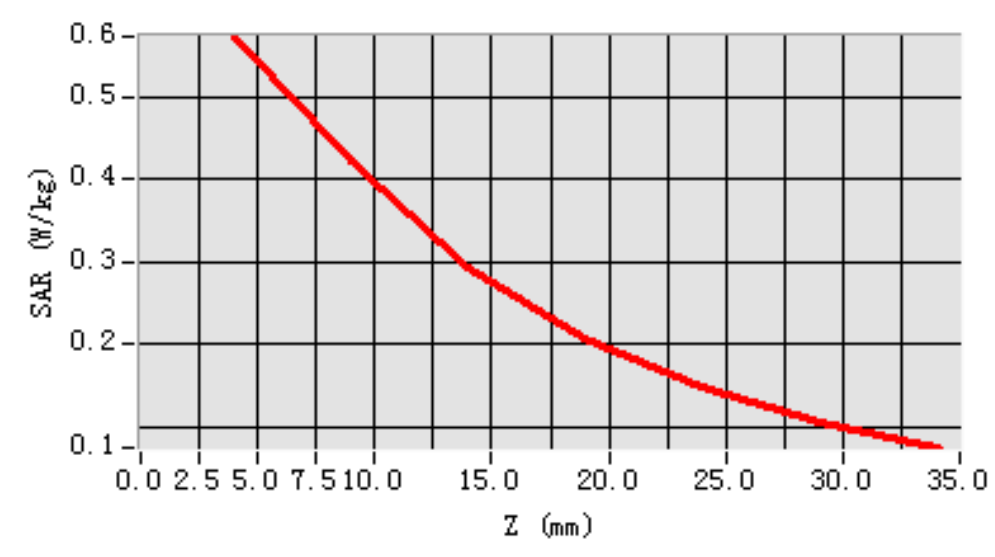


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.120147
SAR 1g (W/Kg)	0.223043

Z Axis Scan

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





MEASUREMENT 12

Date of measurement: 02/20/2011**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	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	40.425301
Relative permittivity (imaginary part)	13.368611
Conductivity (S/m)	1.854470
Variation (%)	-1.140000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



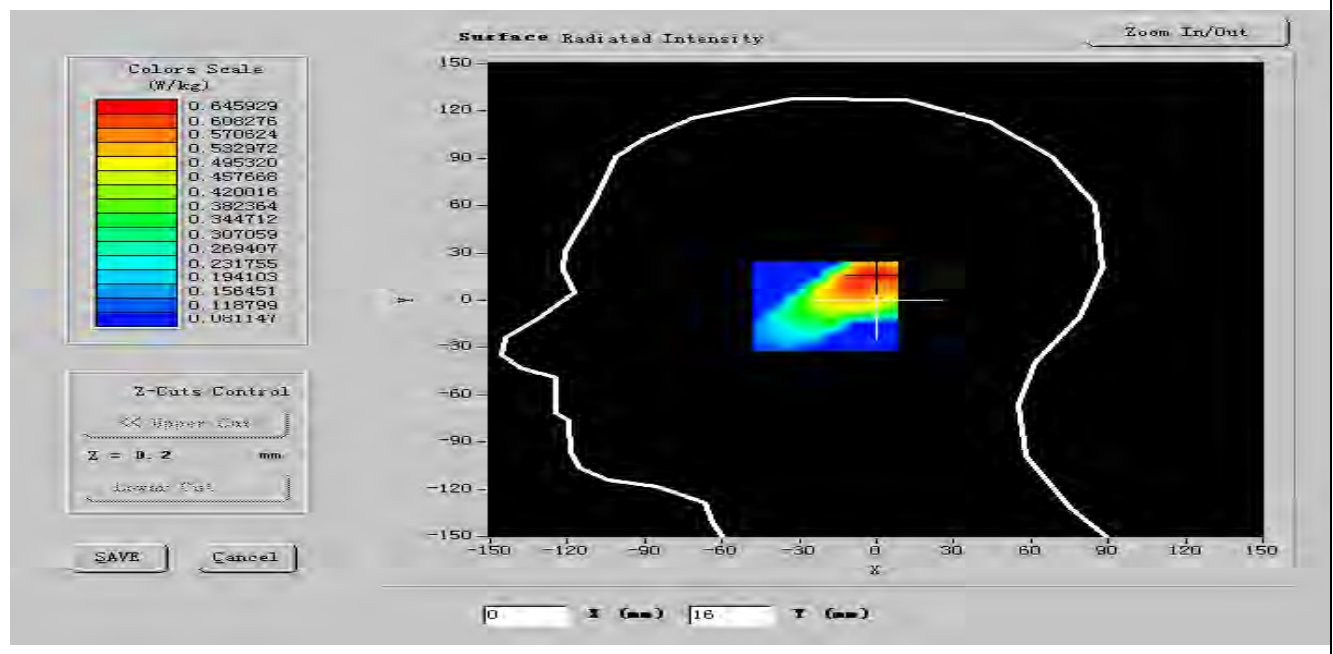
ConvF:

51.18,53.87,70.48

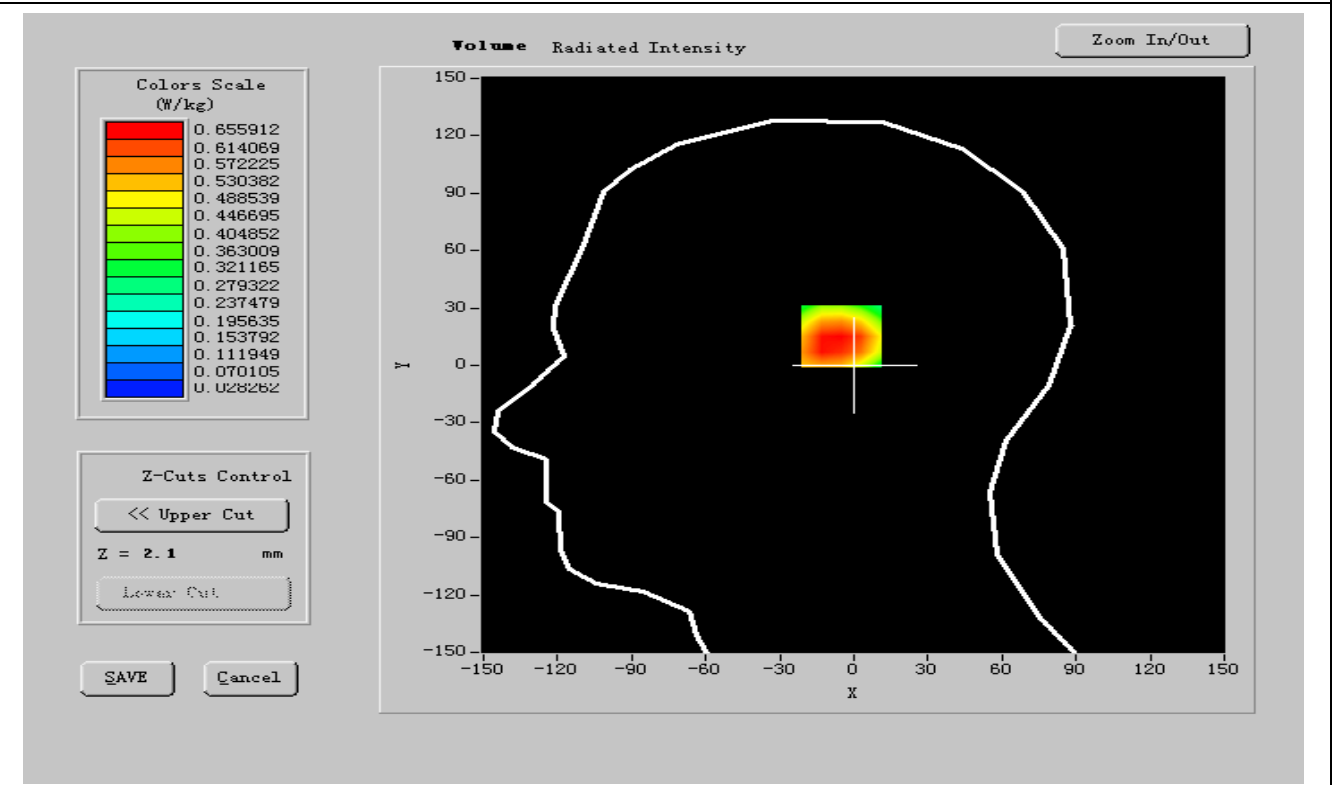
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



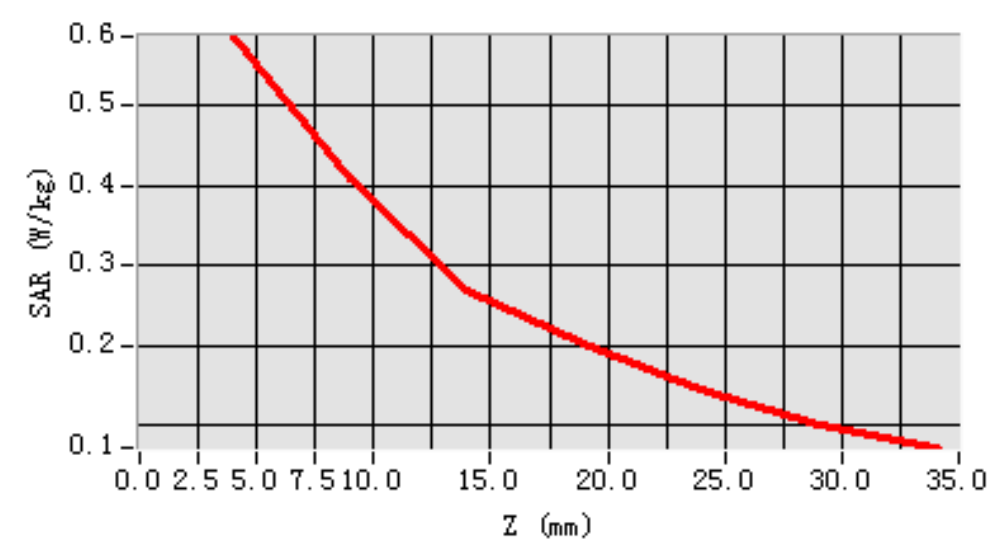


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.142112
SAR 1g (W/Kg)	0.242302

Z Axis Scan

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





MEASUREMENT 13

Date of measurement: 02/20/2011**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	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2412.000000
Relative permittivity (real part)	51.520064
Relative permittivity (imaginary part)	13.370061
Conductivity (S/m)	1.965014
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



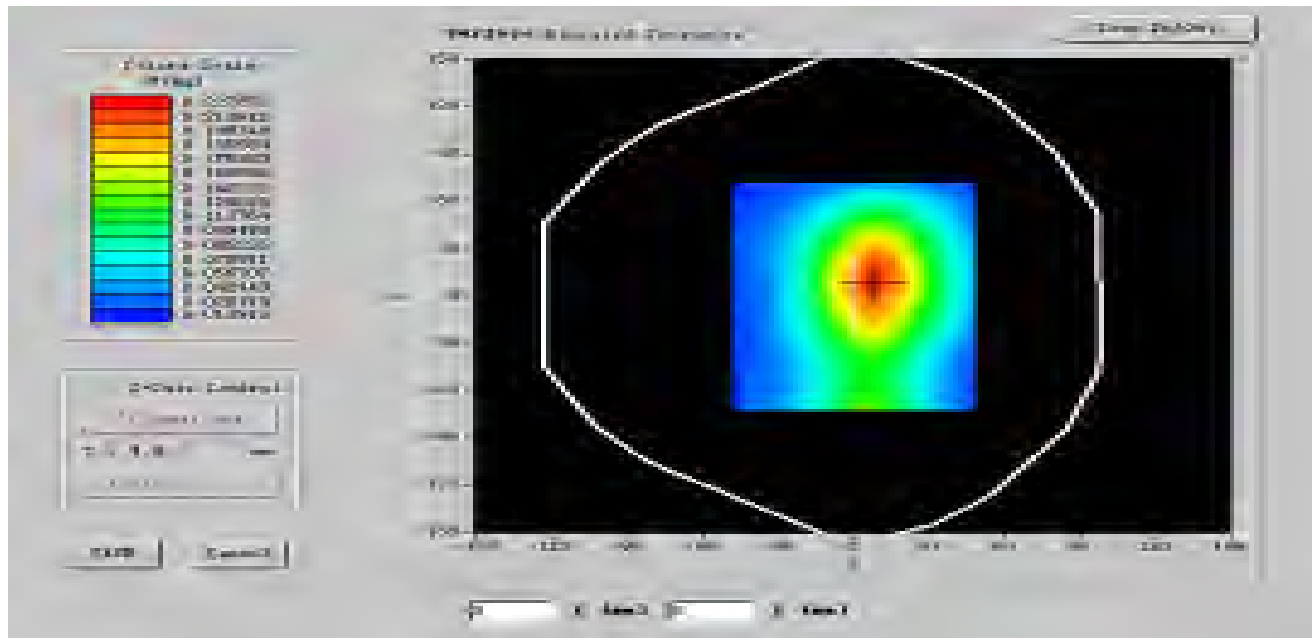
ConvF:

50.35,52.98,69.78

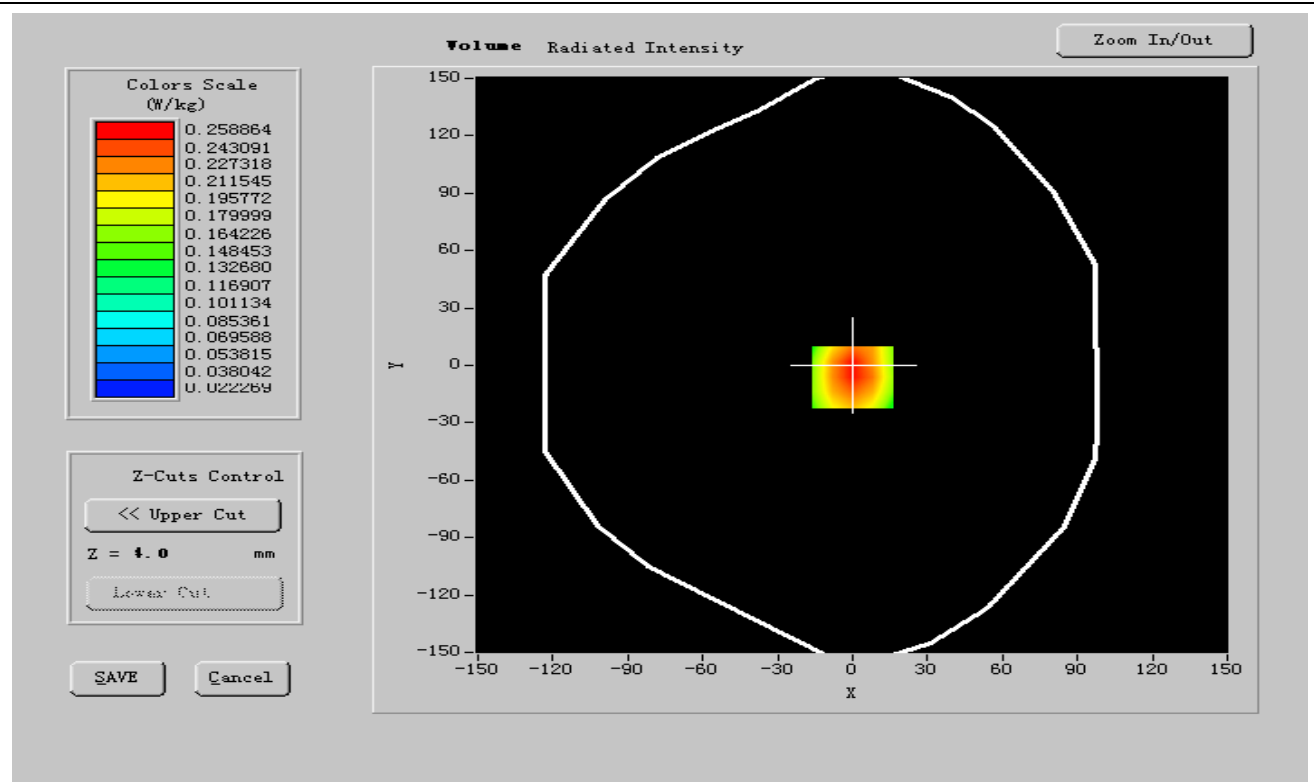
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



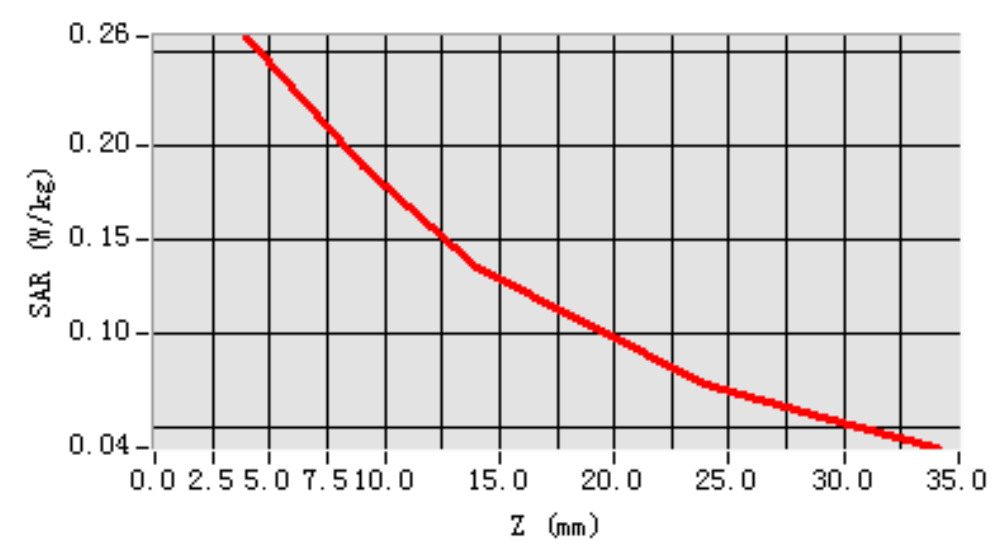


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.043100
SAR 1g (W/Kg)	0.090214

Z Axis Scan

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





MEASUREMENT 14

Date of measurement: 02/20/2011**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	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	51.530000
Relative permittivity (imaginary part)	13.400011
Conductivity (S/m)	1.960210
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



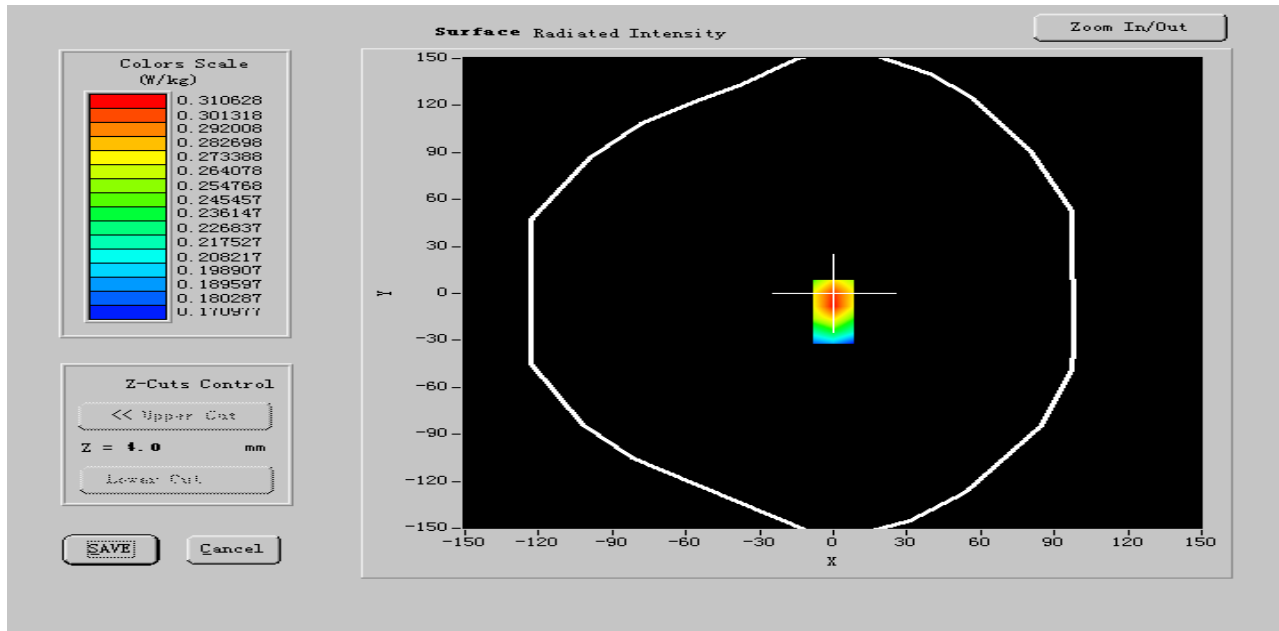
ConvF:

50.35,52.98,69.78

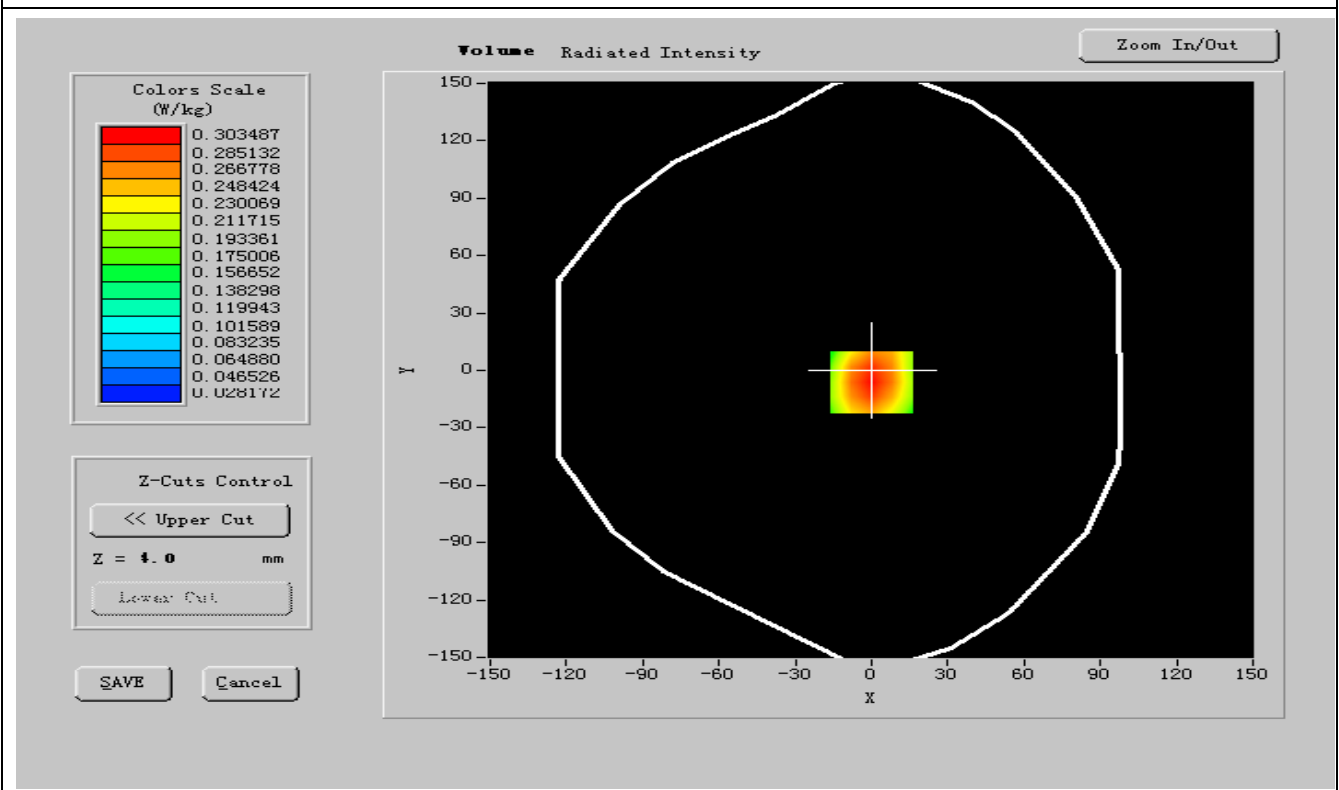
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



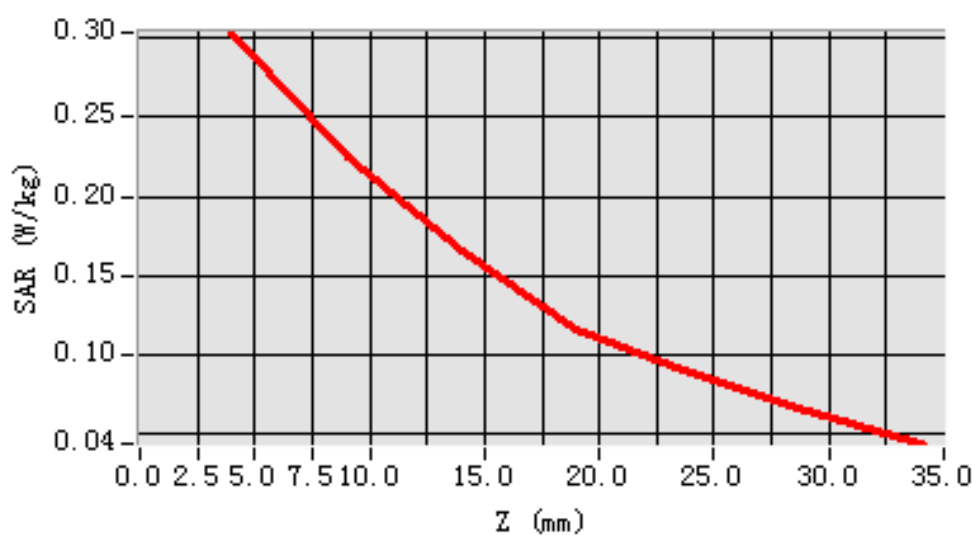


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.061428
SAR 1g (W/Kg)	0.102377

Z Axis Scan

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





MEASUREMENT 15

Date of measurement: 02/20/2011**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	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	51.536640
Relative permittivity (imaginary part)	13.380026
Conductivity (S/m)	1.959641
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



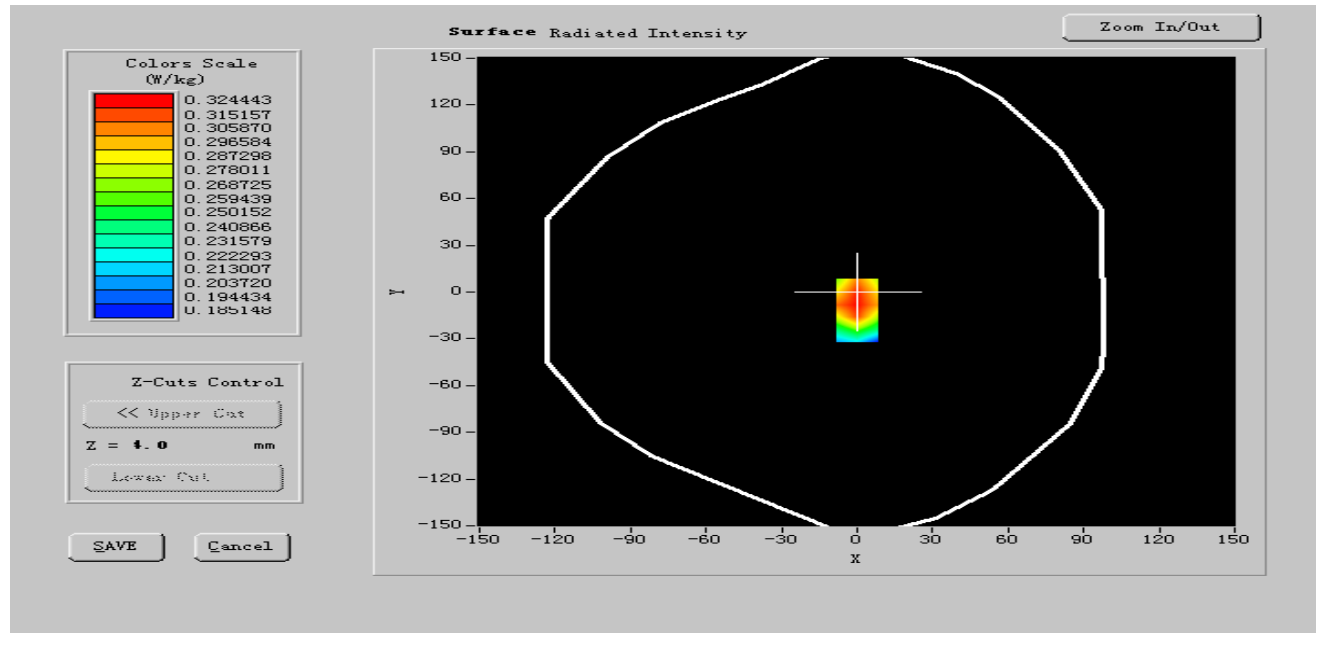
ConvF:

50.35,52.98,69.78

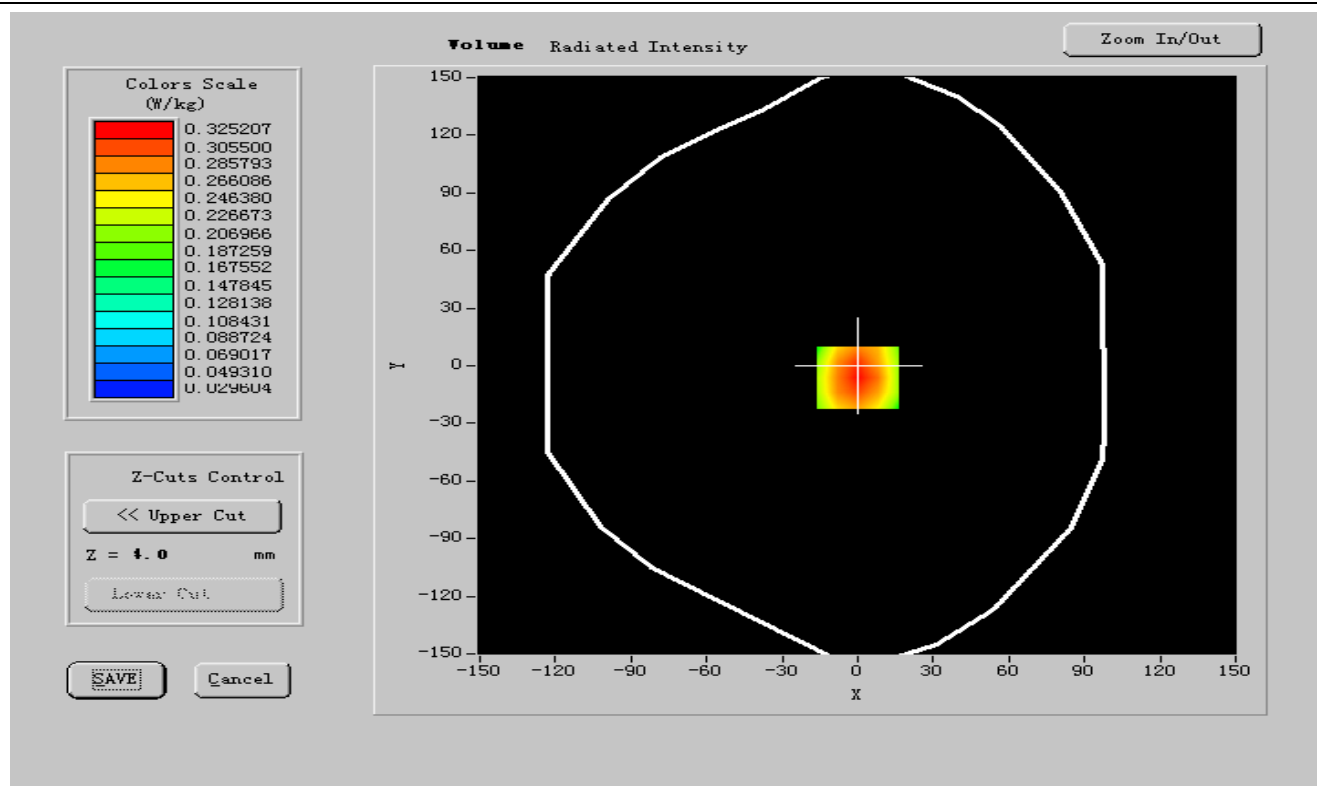
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



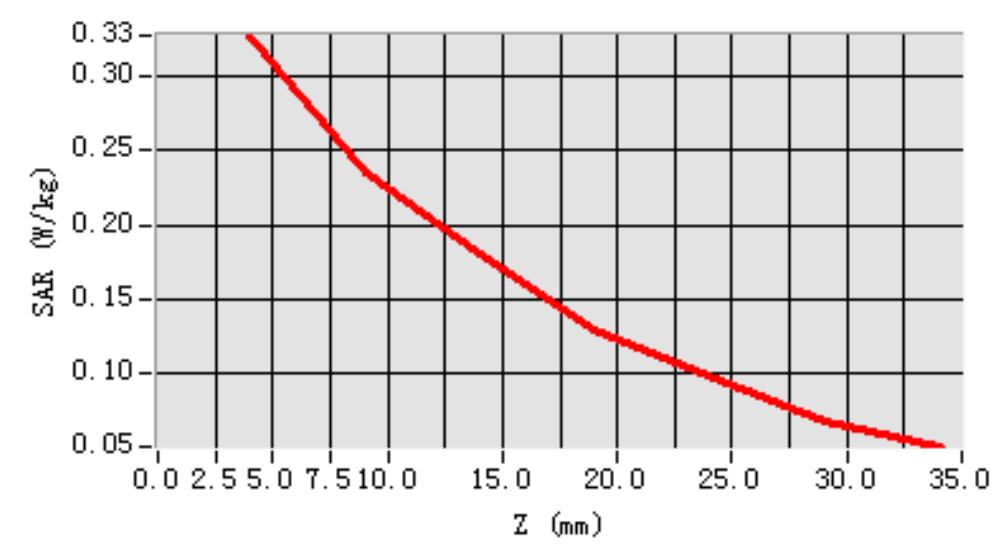


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.073258
SAR 1g (W/Kg)	0.112077

Z Axis Scan

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





MEASUREMENT 16

Date of measurement: 02/20/2011**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	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

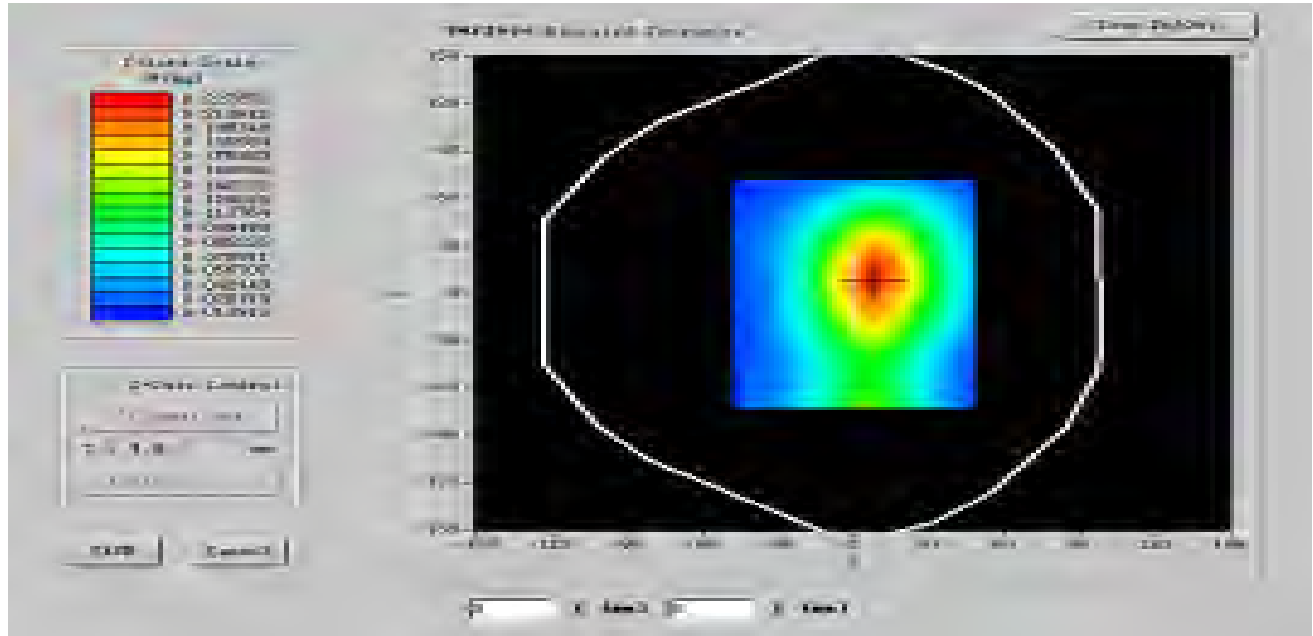
Frequency (MHz)	2412.000000
Relative permittivity (real part)	51.535514
Relative permittivity (imaginary part)	13.385161
Conductivity (S/m)	1.964114
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	50.35,52.98,69.78



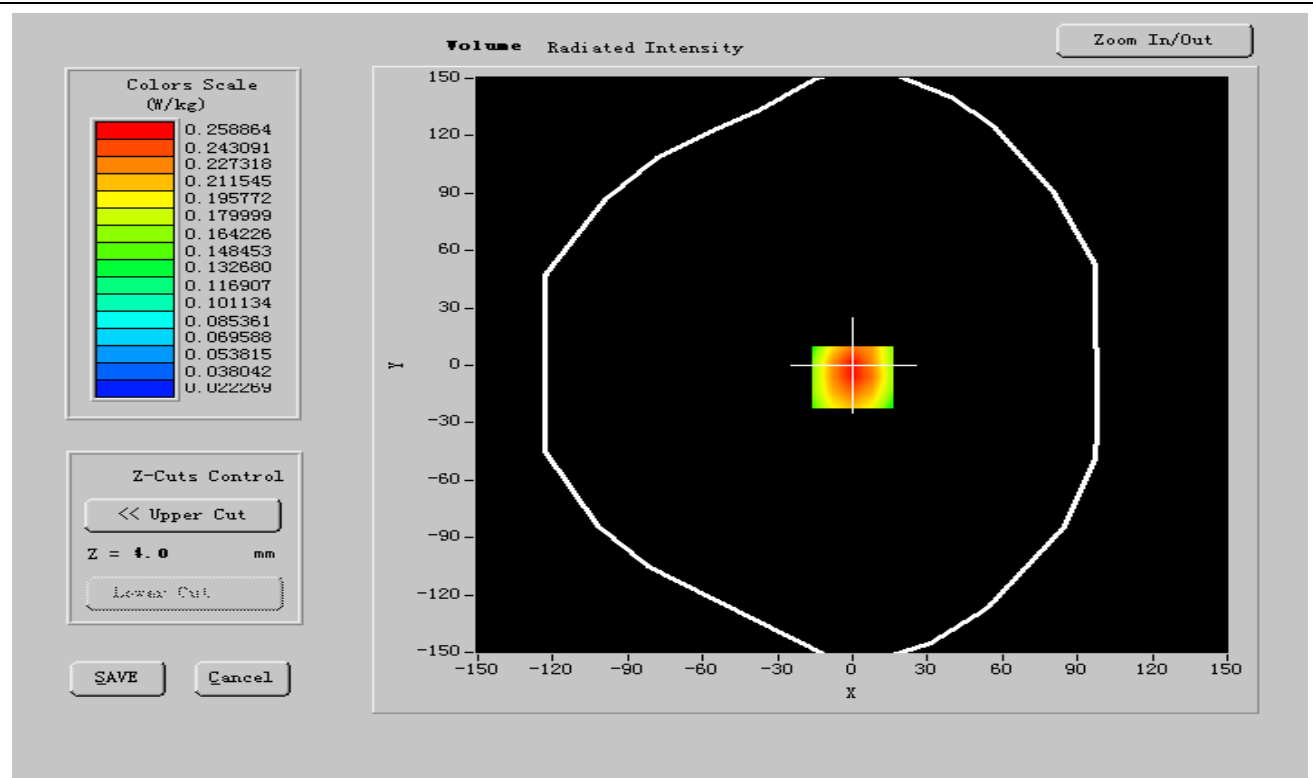
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



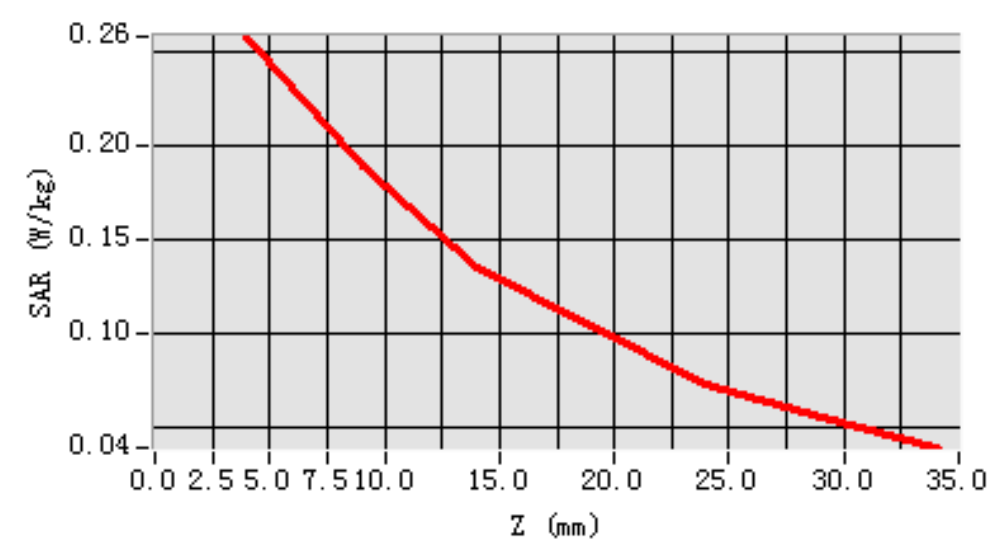


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.039870
SAR 1g (W/Kg)	0.079854

Z Axis Scan

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





MEASUREMENT 17

Date of measurement: 02/20/2011**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	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	51.530000
Relative permittivity (imaginary part)	13.400011
Conductivity (S/m)	1.960210
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



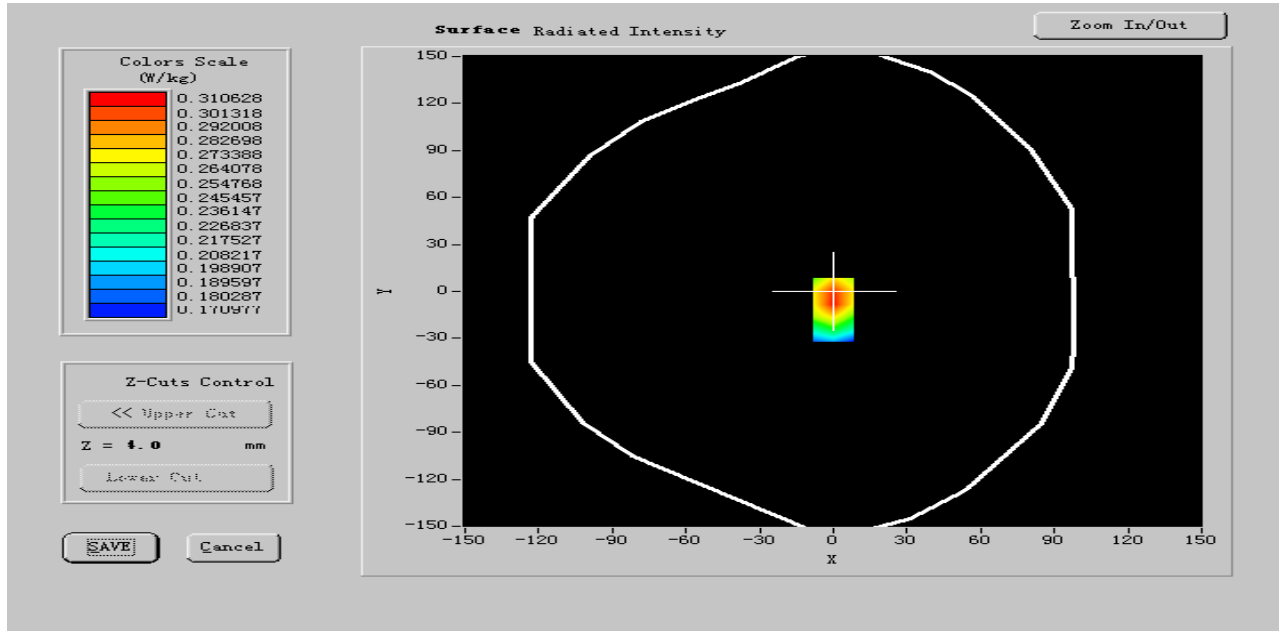
ConvF:

50.35,52.98,69.78

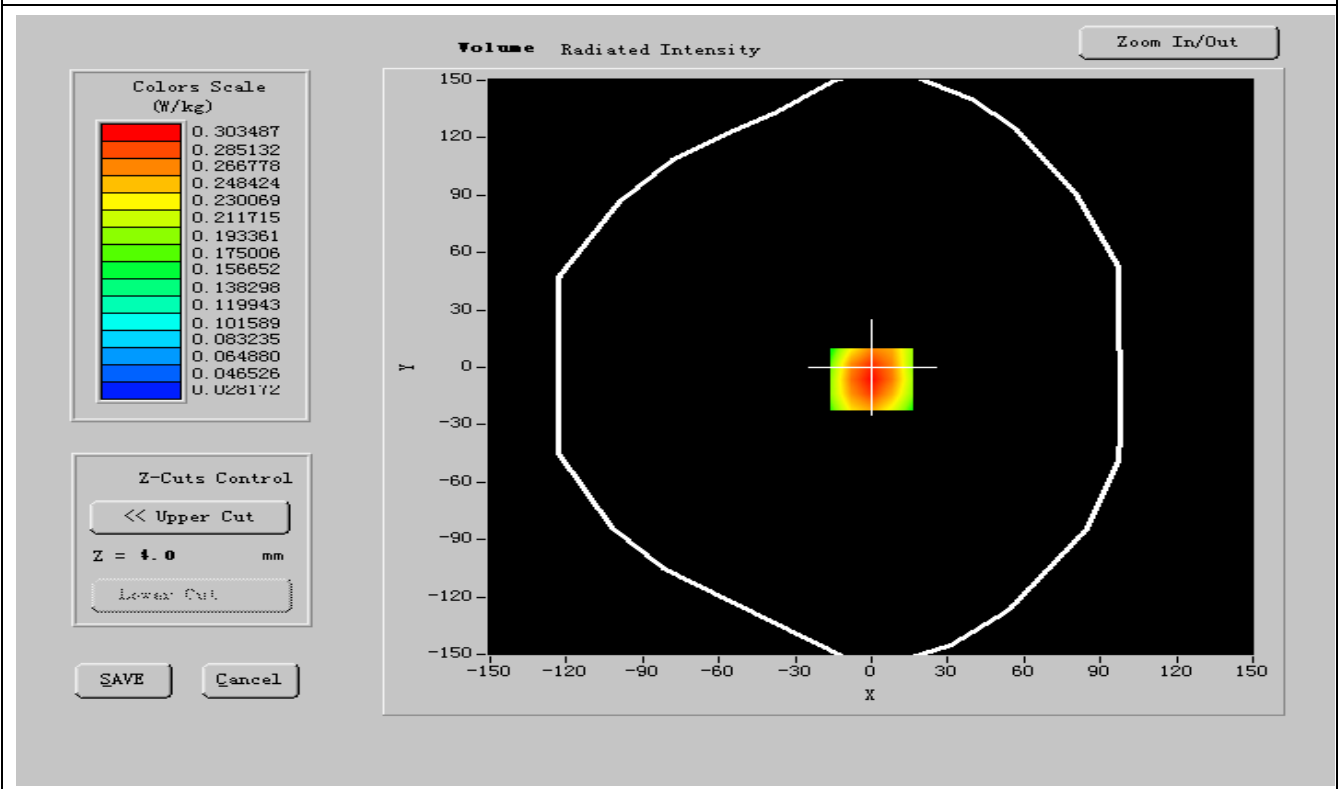
Crest factor:

1:1

SURFACE SAR



VOLUME SAR



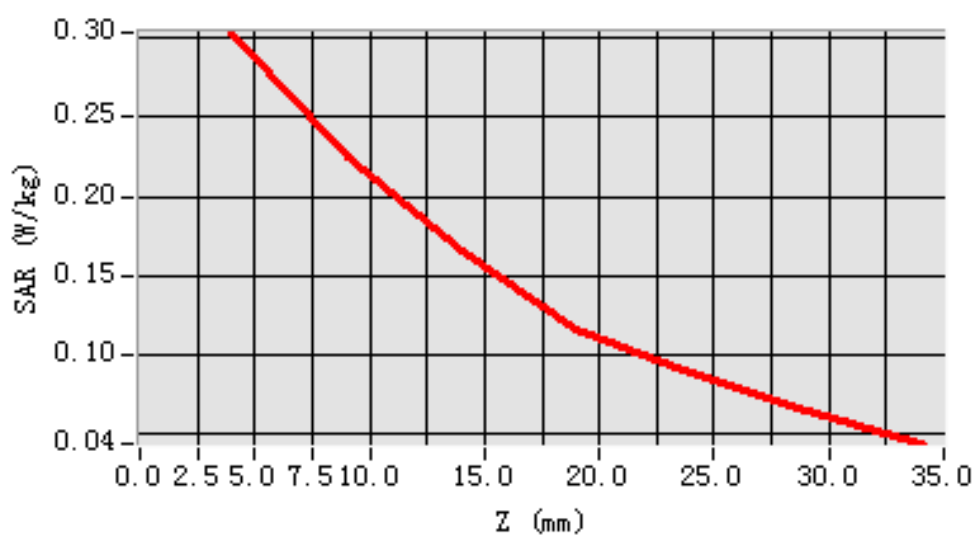


Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.062681
SAR 1g (W/Kg)	0.109871

Z Axis Scan

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



**MEASUREMENT 18****Date of measurement: 02/20/2011****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	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: 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 2450	Antennessa (DIPJ37,SN 48/05)	Calibration Due: 10/09/2011
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	51.549840
Relative permittivity (imaginary part)	13.389326
Conductivity (S/m)	1.958413
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C



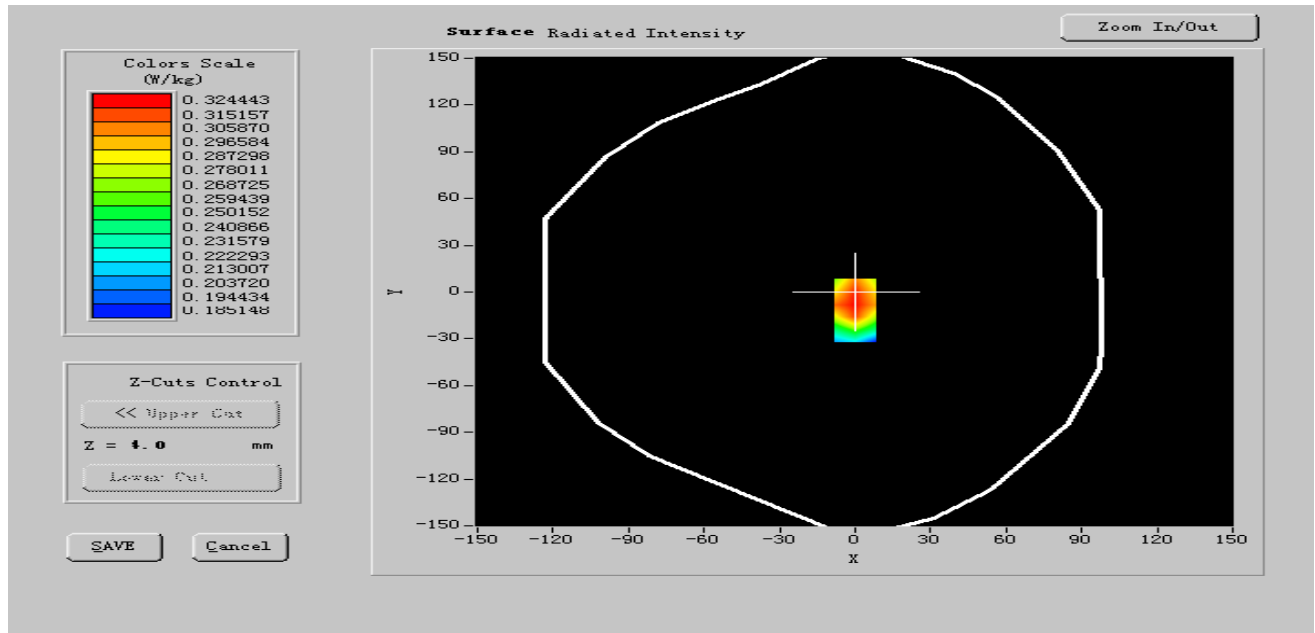
ConvF:

50.35,52.98,69.78

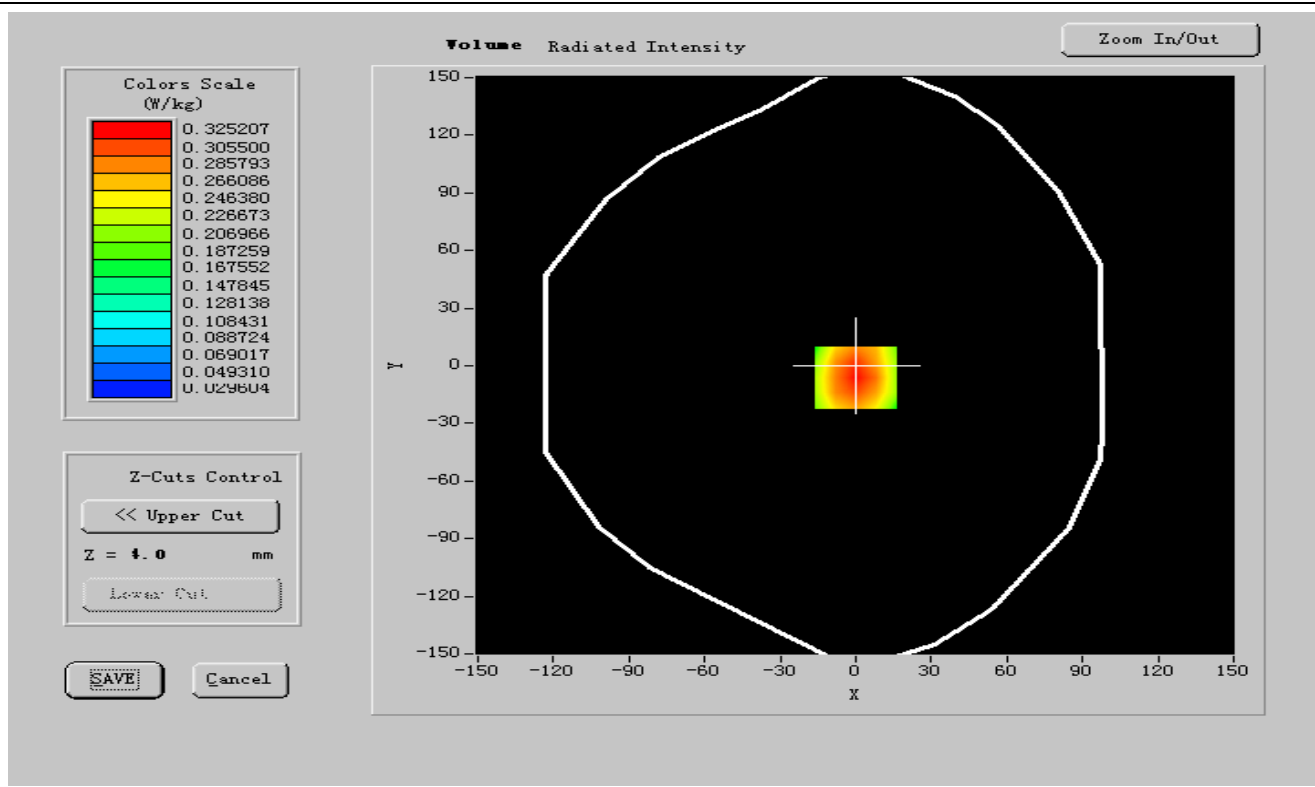
Crest factor:

1:1

SURFACE SAR



VOLUME SAR





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

SAR 10g (W/Kg)	0.074871
SAR 1g (W/Kg)	0.096875

Z Axis Scan

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

