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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

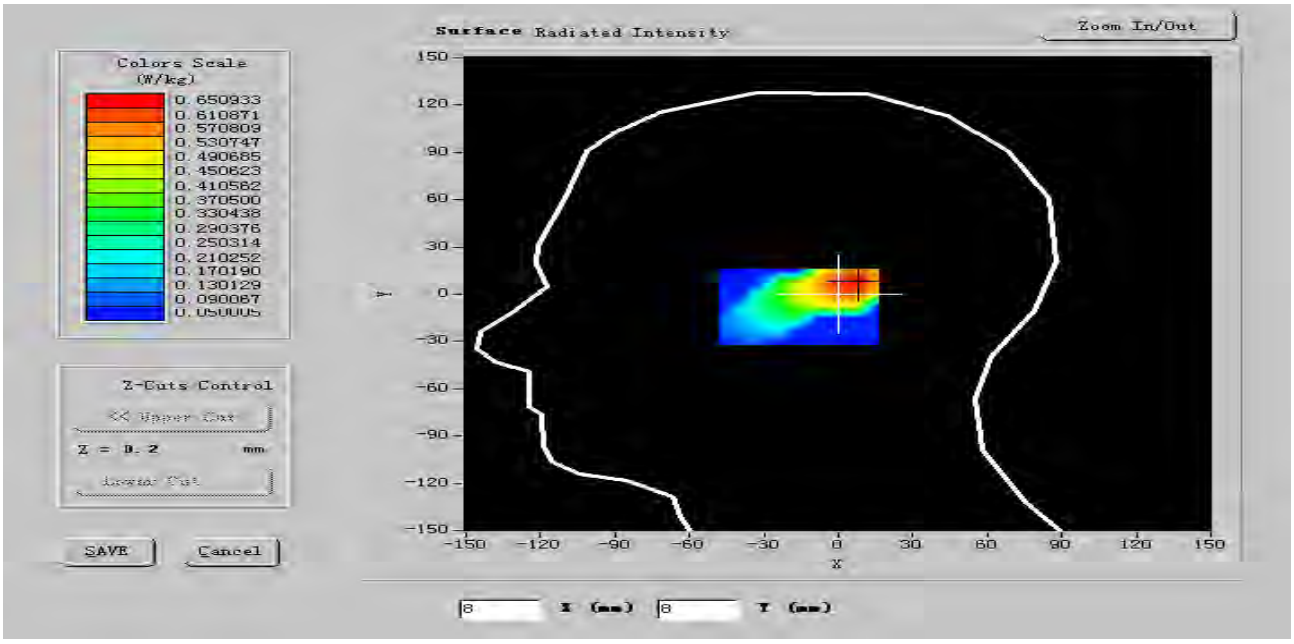
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

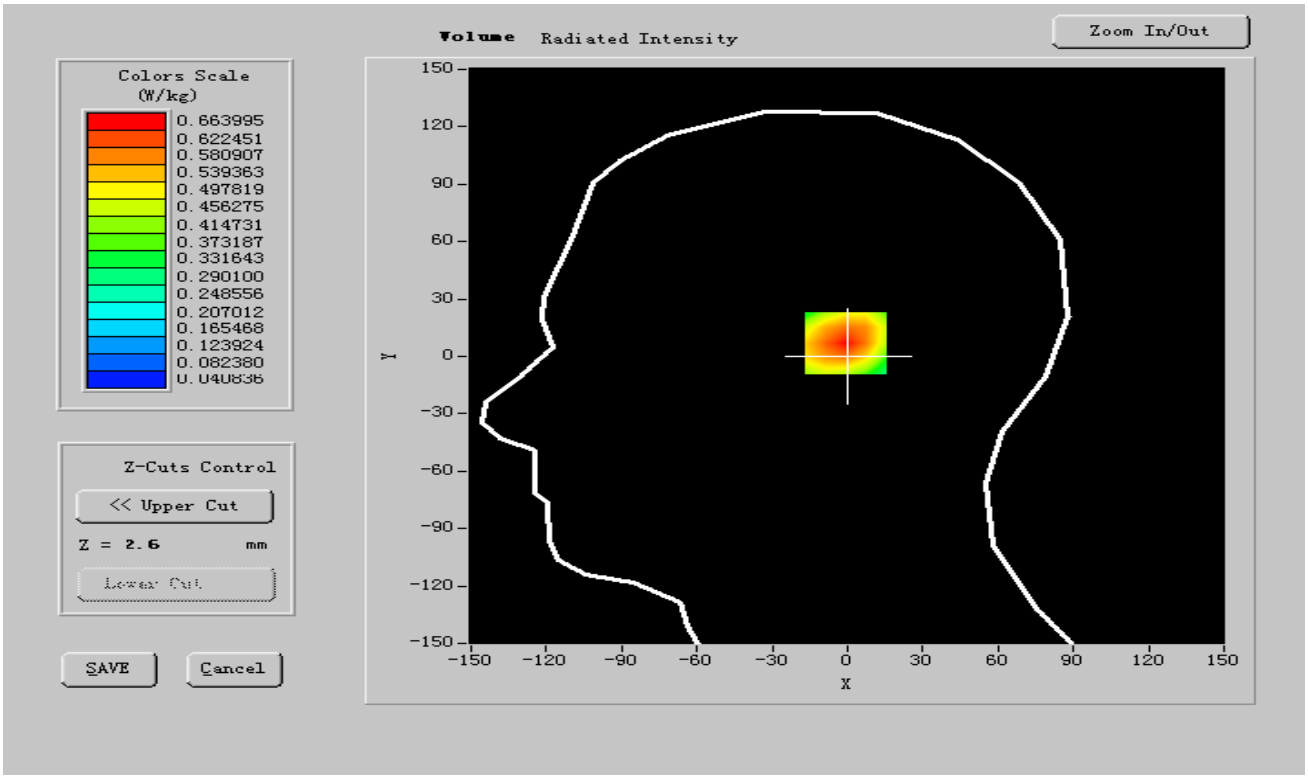
Frequency (MHz)	**846.799000**
Relative permitivity (real part)	**41.418764**
Relative permitivity (imaginary part)	**19.585448**
Conductivity (S/m)	**0.922041**
Variation (%)	**-0.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.66, 20.51, 28.36
Crest factor:	1:1

SURFACE SAR



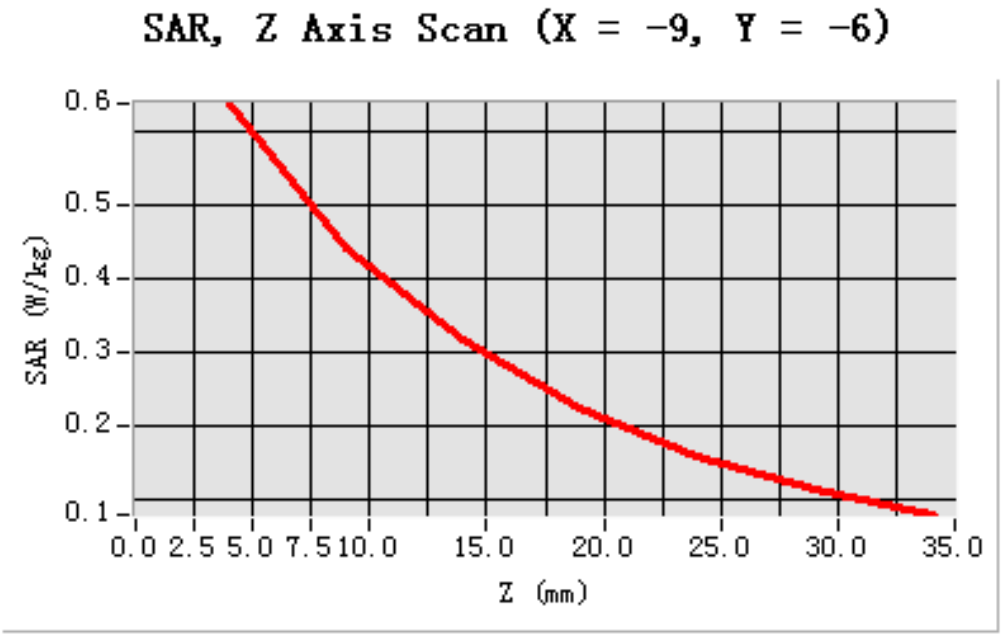
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

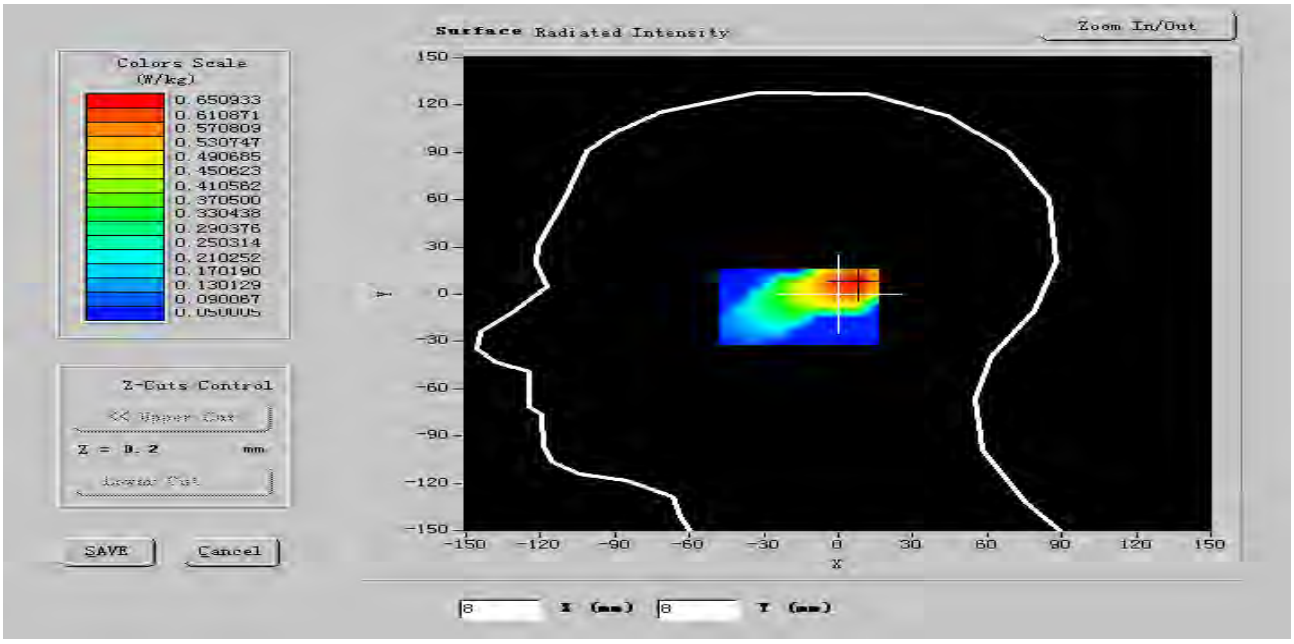
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

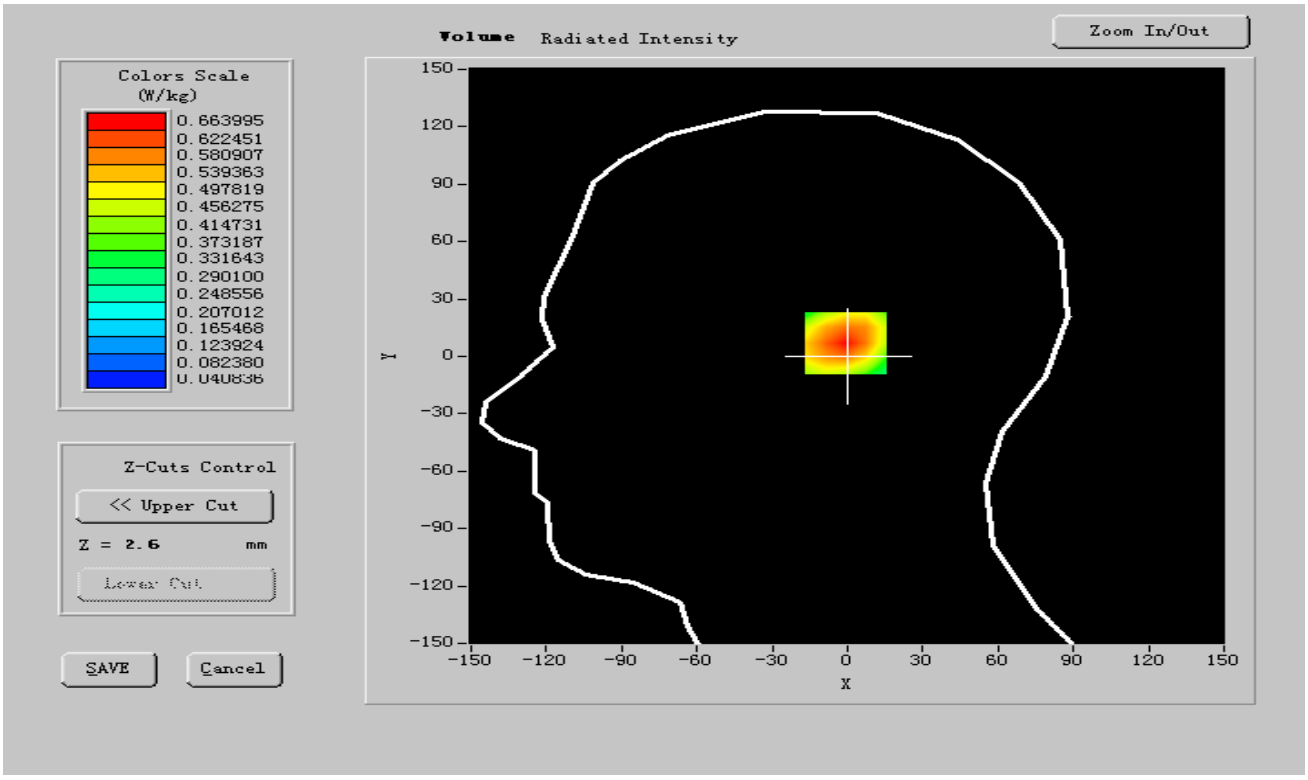
Frequency (MHz)	**826.203202**
Relative permitivity (real part)	**41.461055**
Relative permitivity (imaginary part)	**19.563889**
Conductivity (S/m)	**0.891547**
Variation (%)	**-0.250000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.66, 20.51, 28.36
Crest factor:	1:1

SURFACE SAR



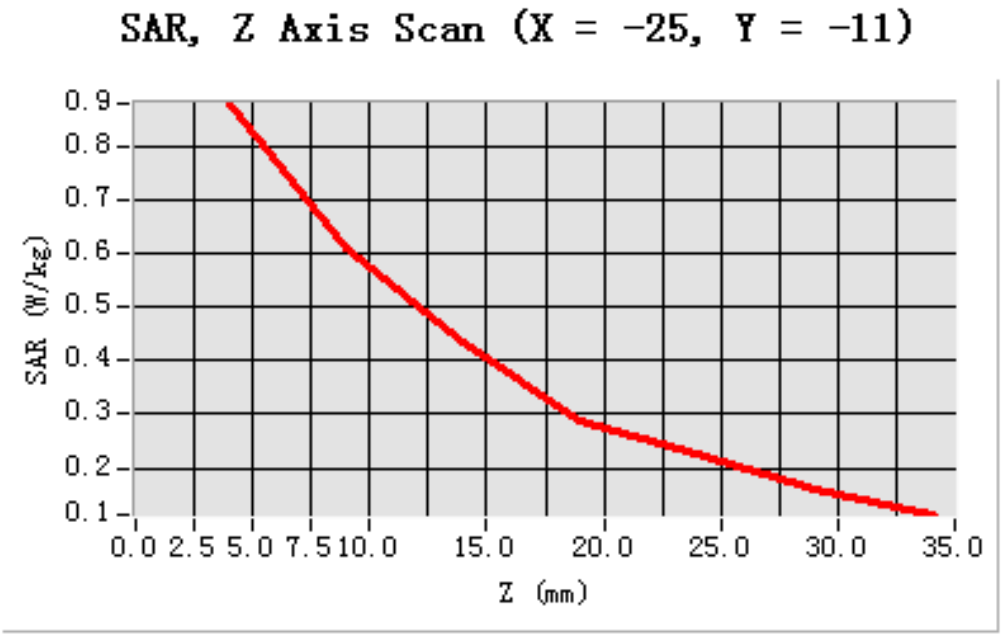
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

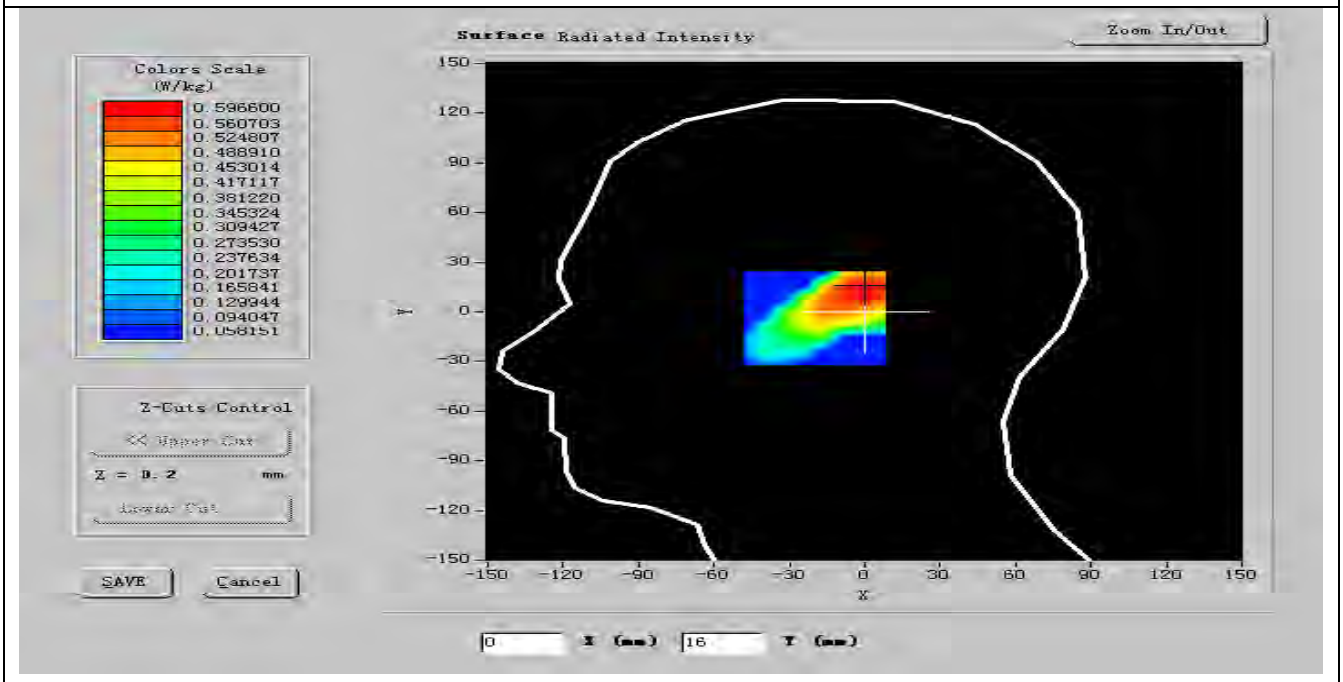
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

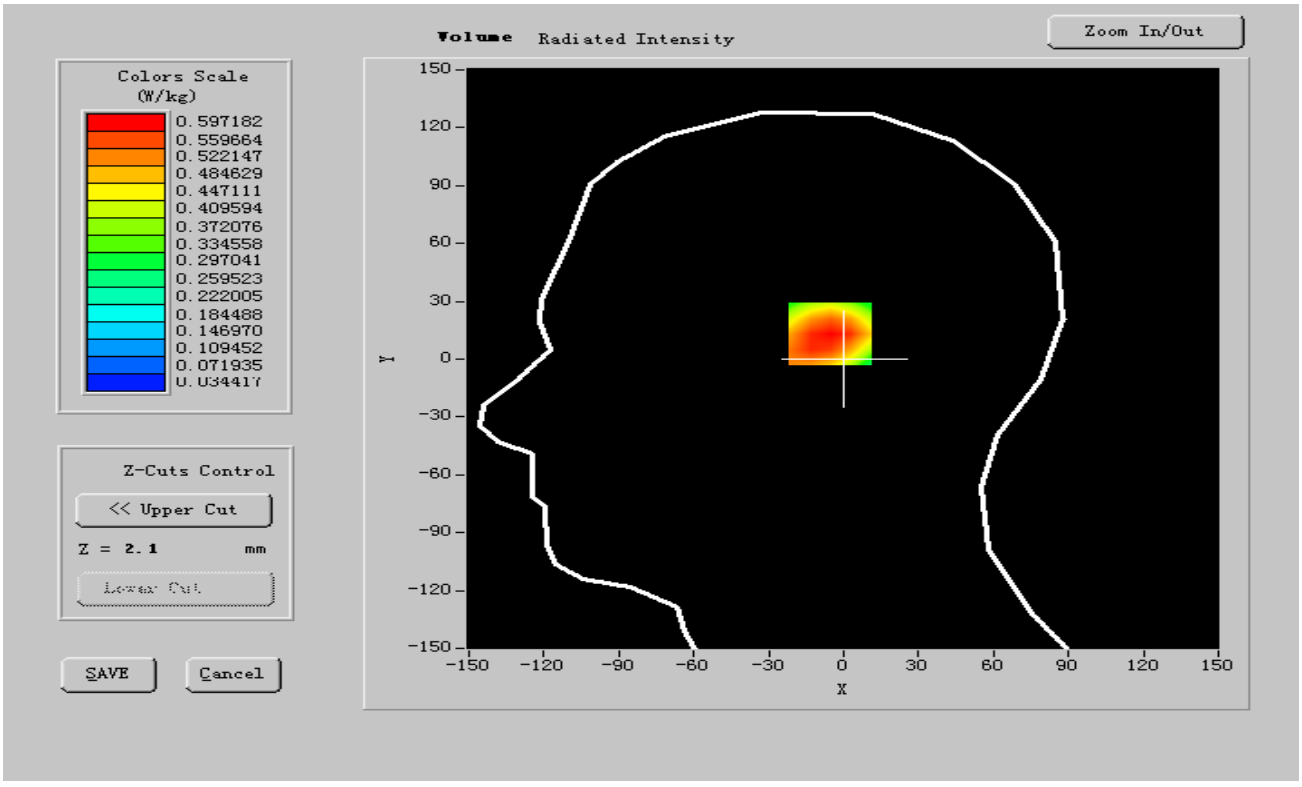
Frequency (MHz)	**836.600010**
Relative permitivity (real part)	**41.471230**
Relative permitivity (imaginary part)	**19.575333**
Conductivity (S/m)	**0.918997**
Variation (%)	**-0.230000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.66, 20.51, 28.36
Crest factor:	1:1

SURFACE SAR



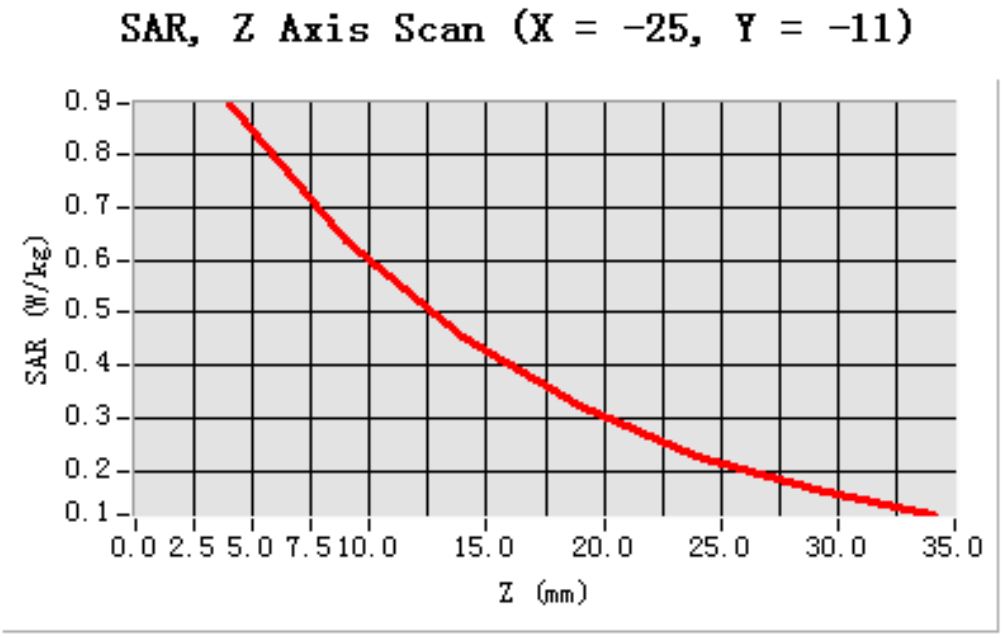
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

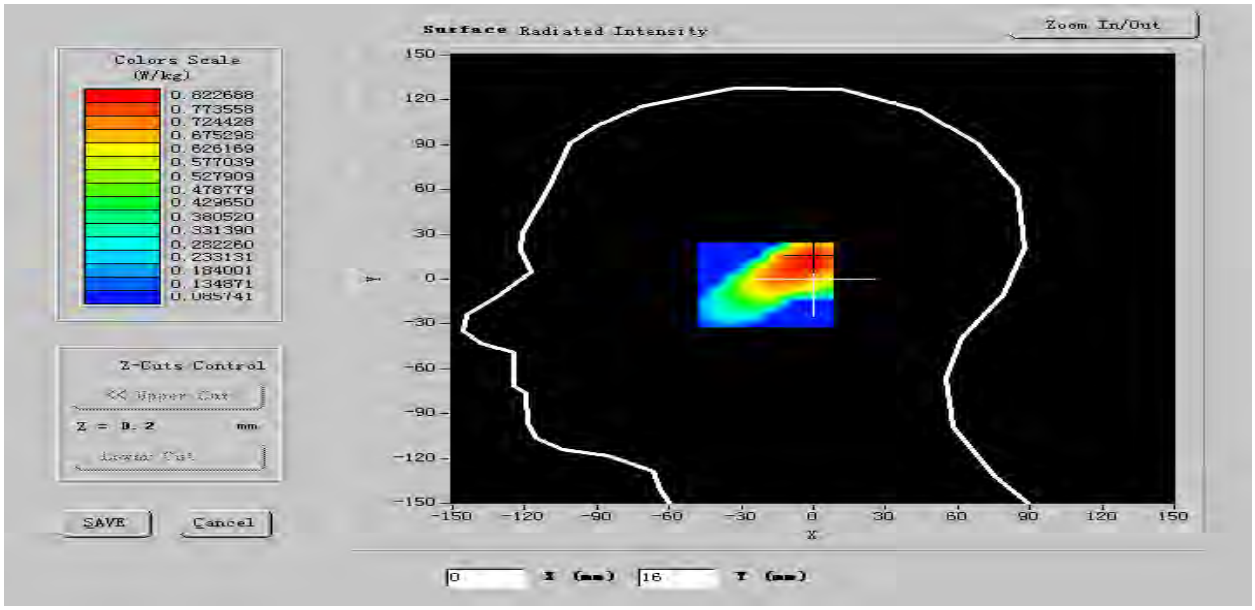
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

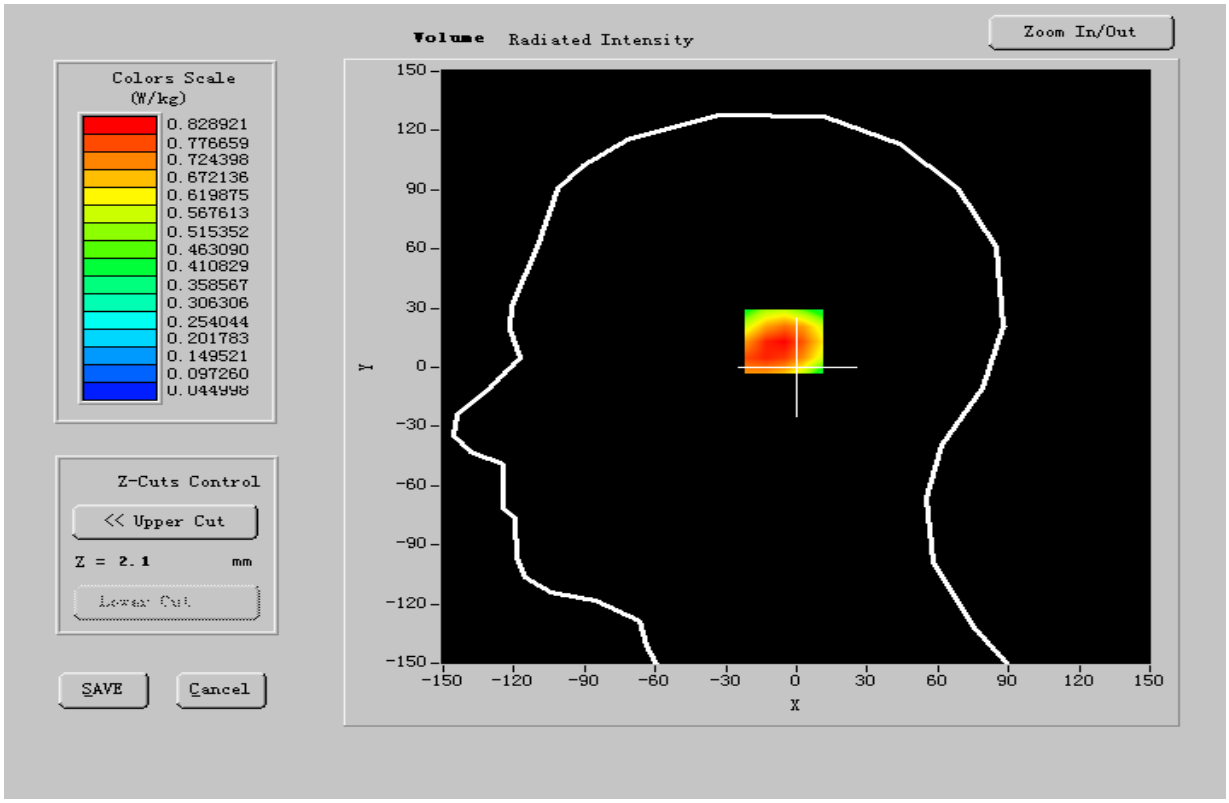
Frequency (MHz)	**846.592416**
Relative permitivity (real part)	**41.406180**
Relative permitivity (imaginary part)	**19.574326**
Conductivity (S/m)	**0.930115**
Variation (%)	**-1.300000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.66, 20.51, 28.36
Crest factor:	1:1

SURFACE SAR



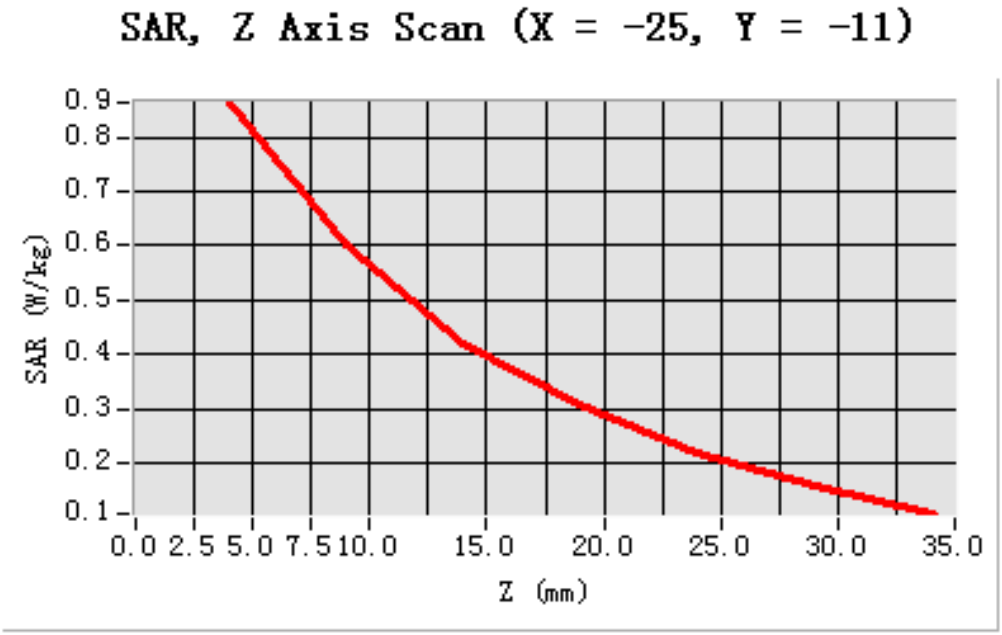
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

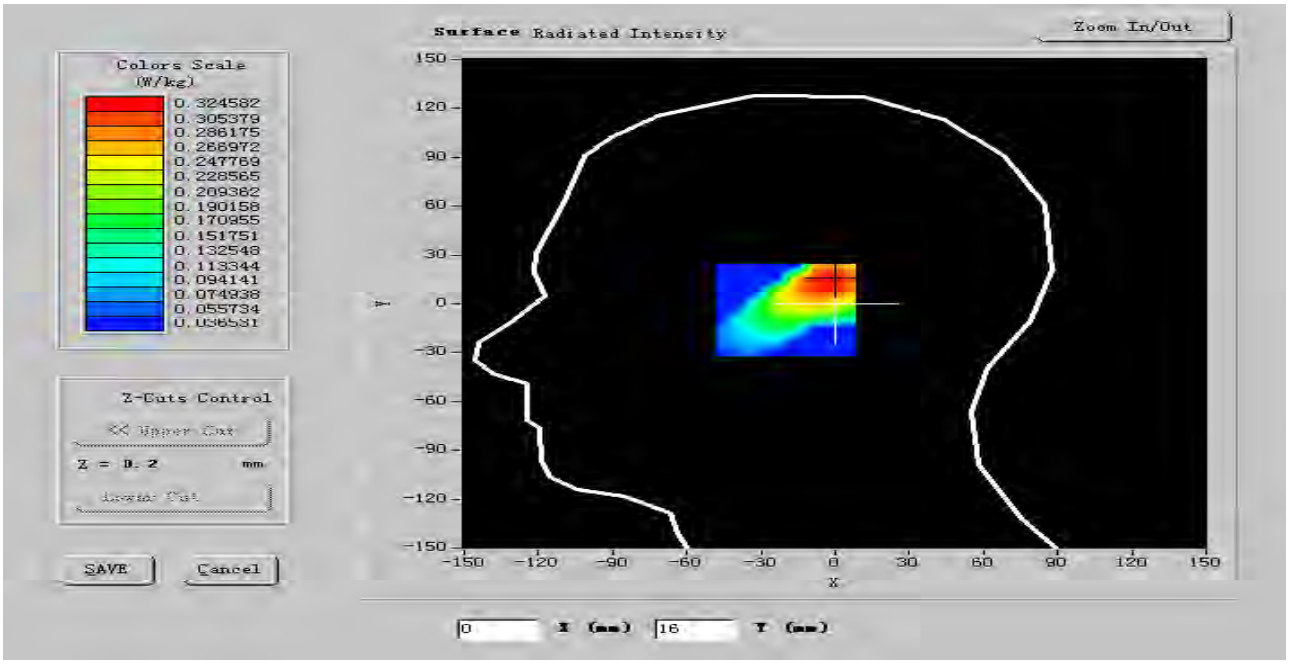
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

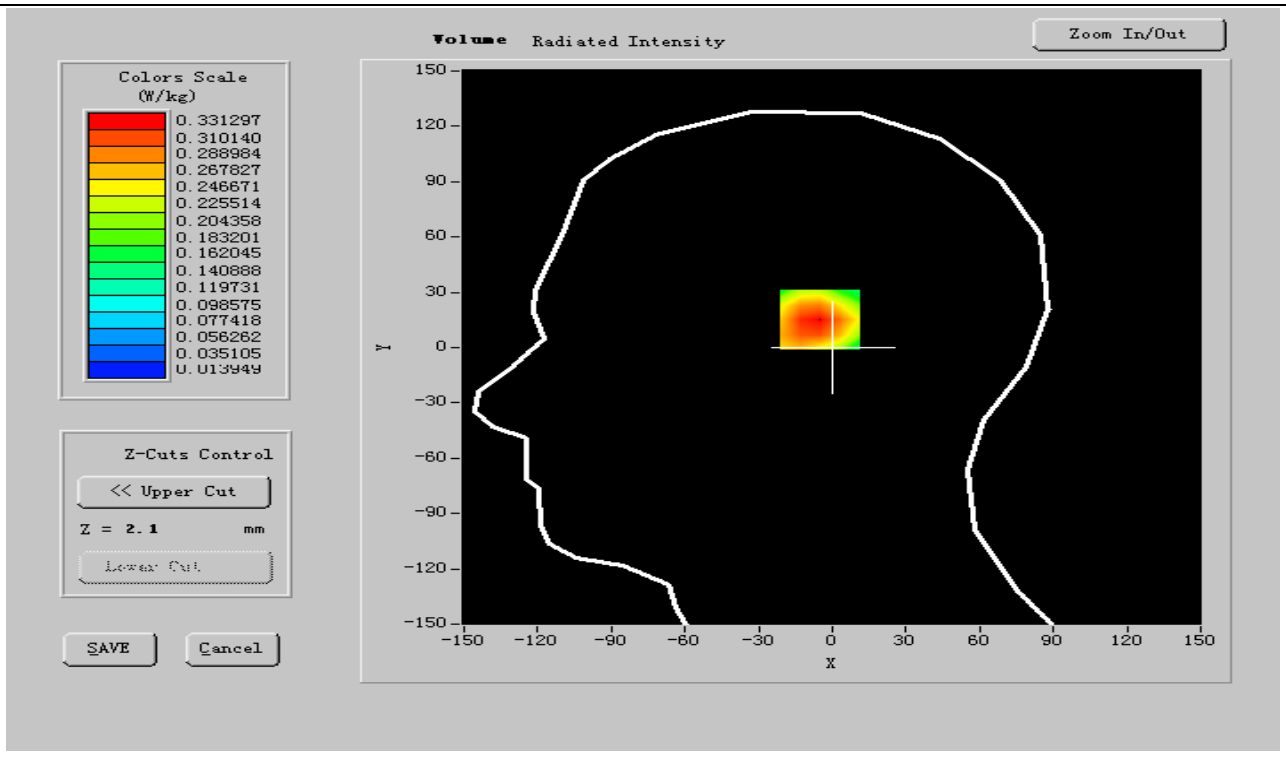
Frequency (MHz)	**826.203202**
Relative permitivity (real part)	**41.451347**
Relative permitivity (imaginary part)	**19.581234**
Conductivity (S/m)	**0.921230**
Variation (%)	**-0.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.66, 20.51, 28.36
Crest factor:	1:1

SURFACE SAR



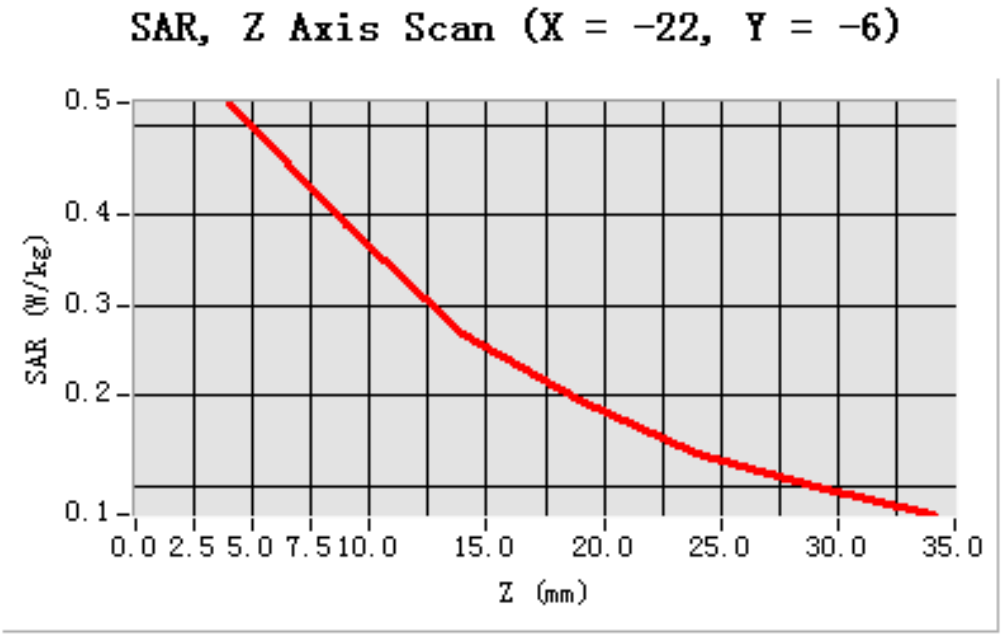
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

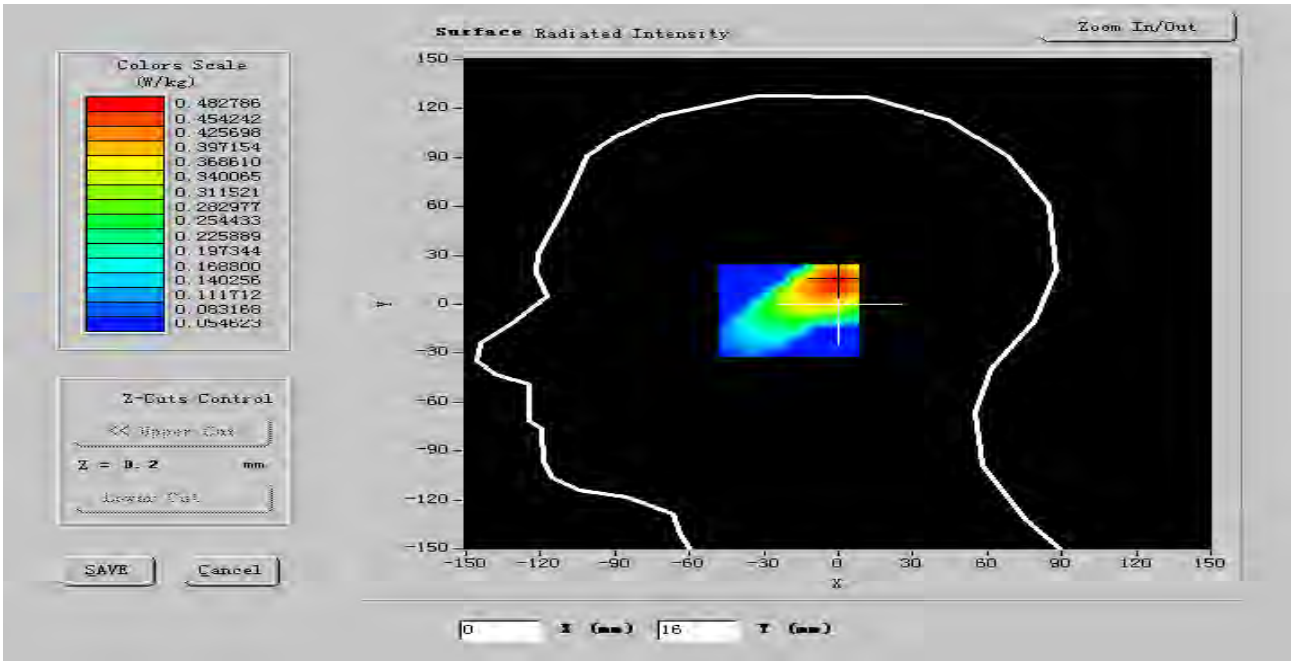
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

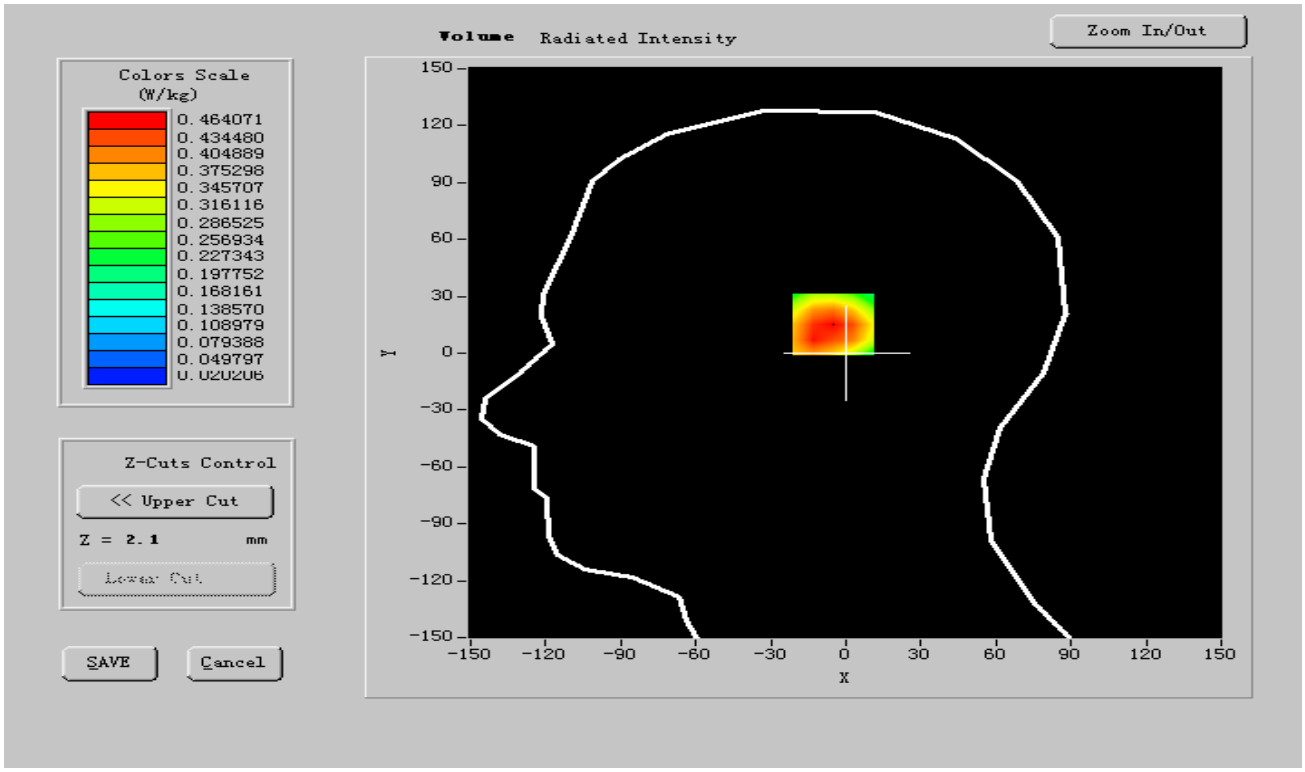
Frequency (MHz)	**836.602124**
Relative permitivity (real part)	**41.461320**
Relative permitivity (imaginary part)	**19.581774**
Conductivity (S/m)	**0.921108**
Variation (%)	**-0.010000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.66, 20.51, 28.36**

Crest factor:	1:1

SURFACE SAR



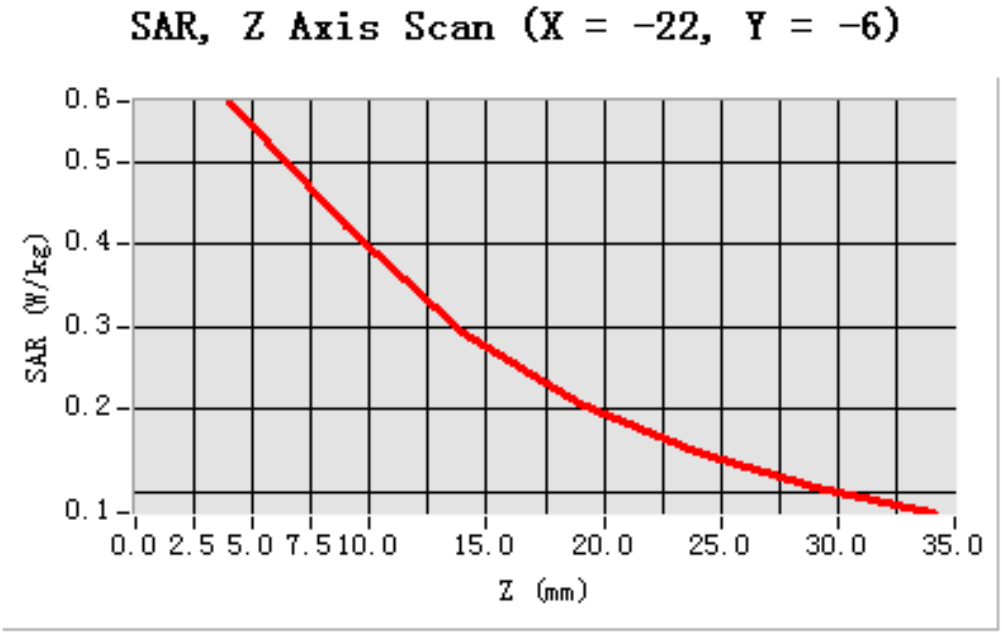
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

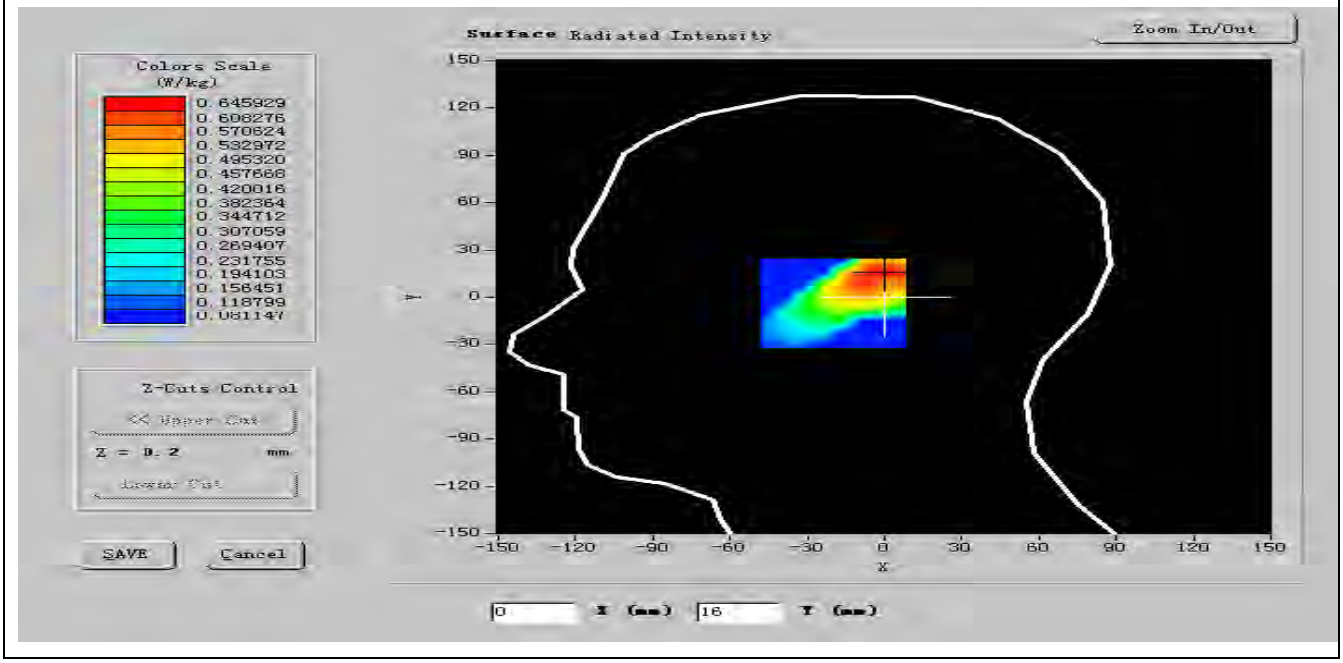
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

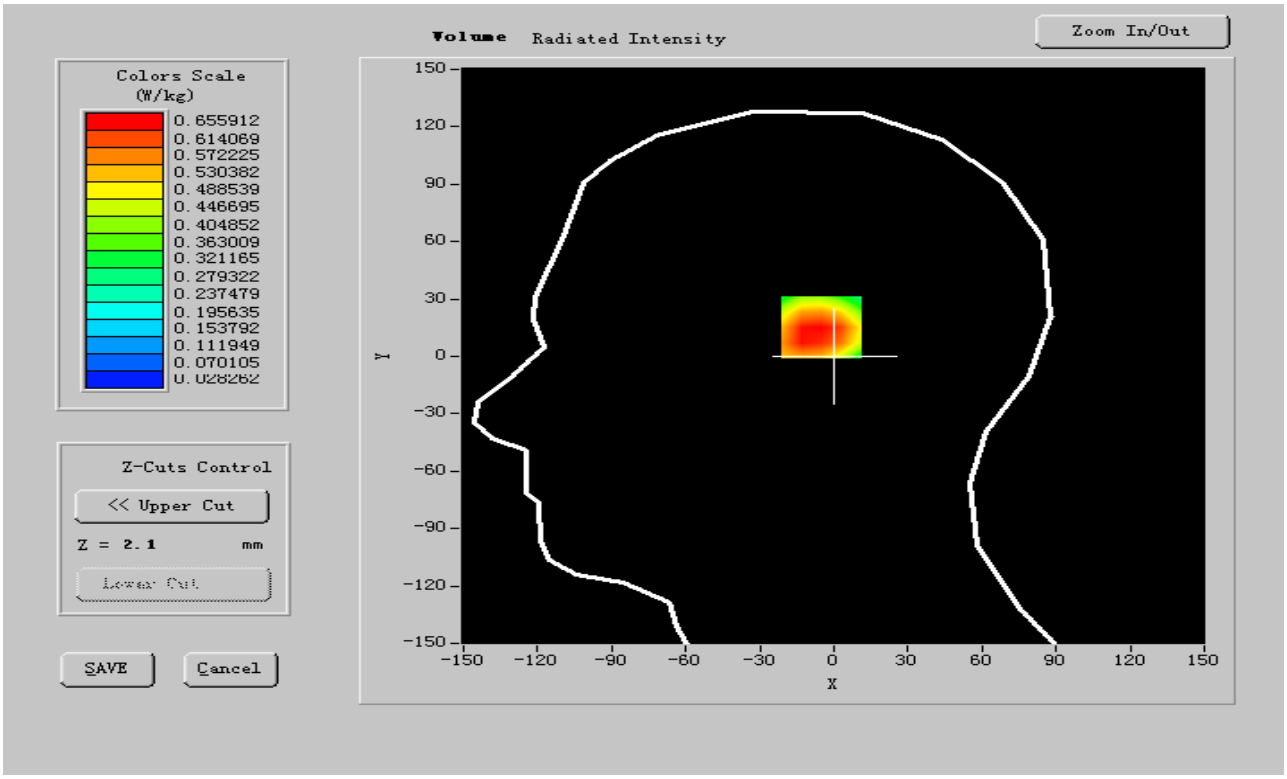
Frequency (MHz)	**846.790120**
Relative permitivity (real part)	**41.459975**
Relative permitivity (imaginary part)	**19.583446**
Conductivity (S/m)	**0.922784**
Variation (%)	**-1.100000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.66, 20.51, 28.36
Crest factor:	1:1

SURFACE SAR



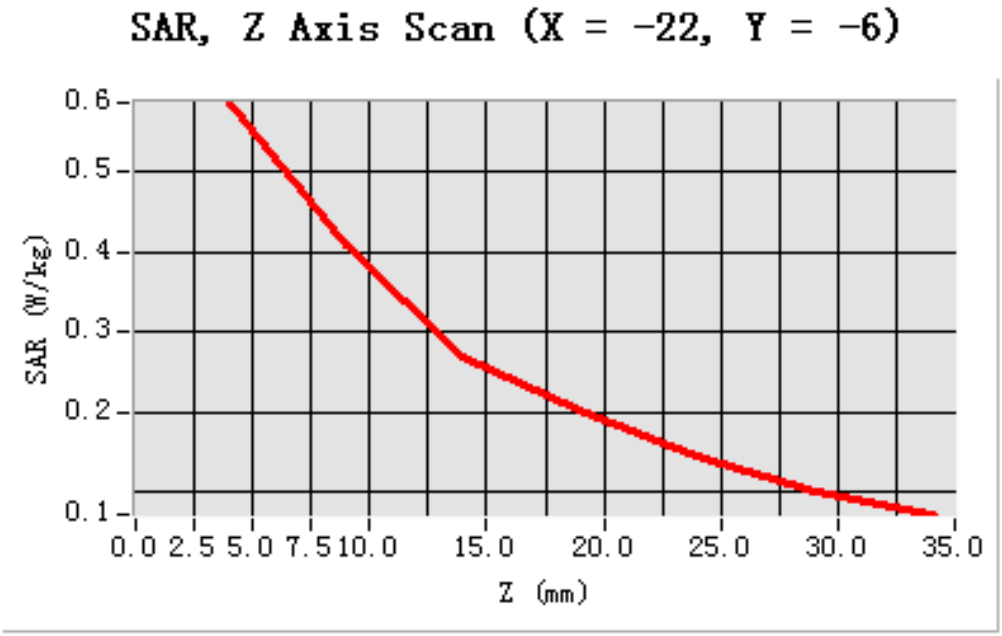
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

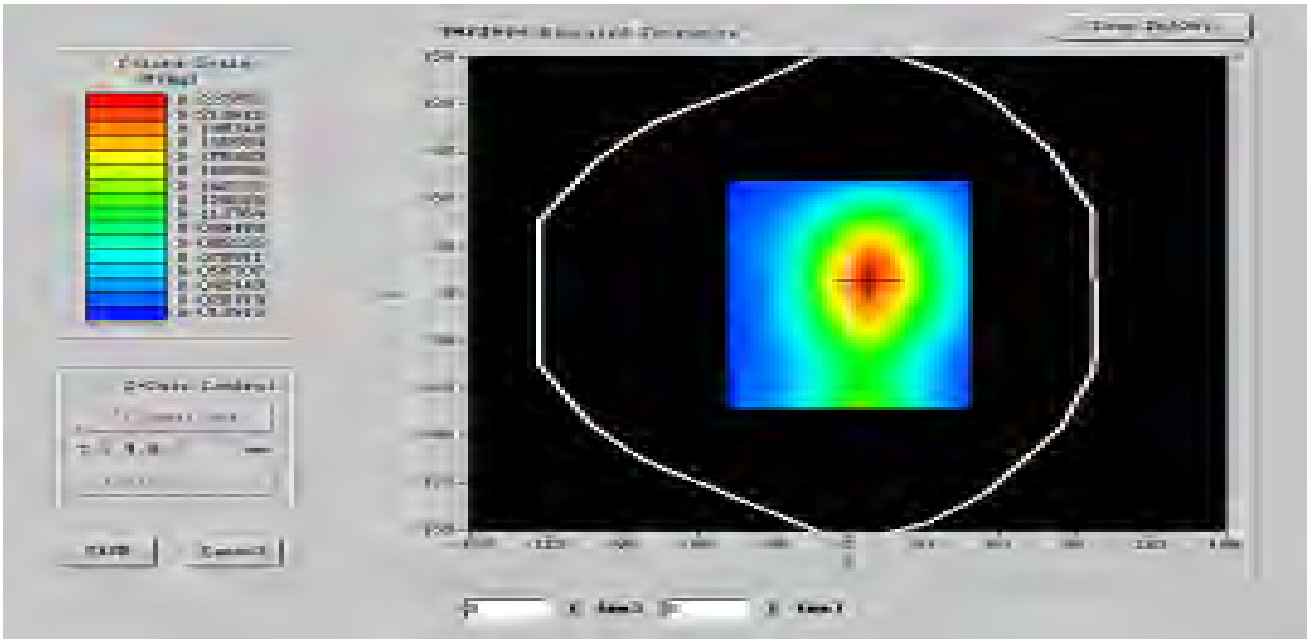
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

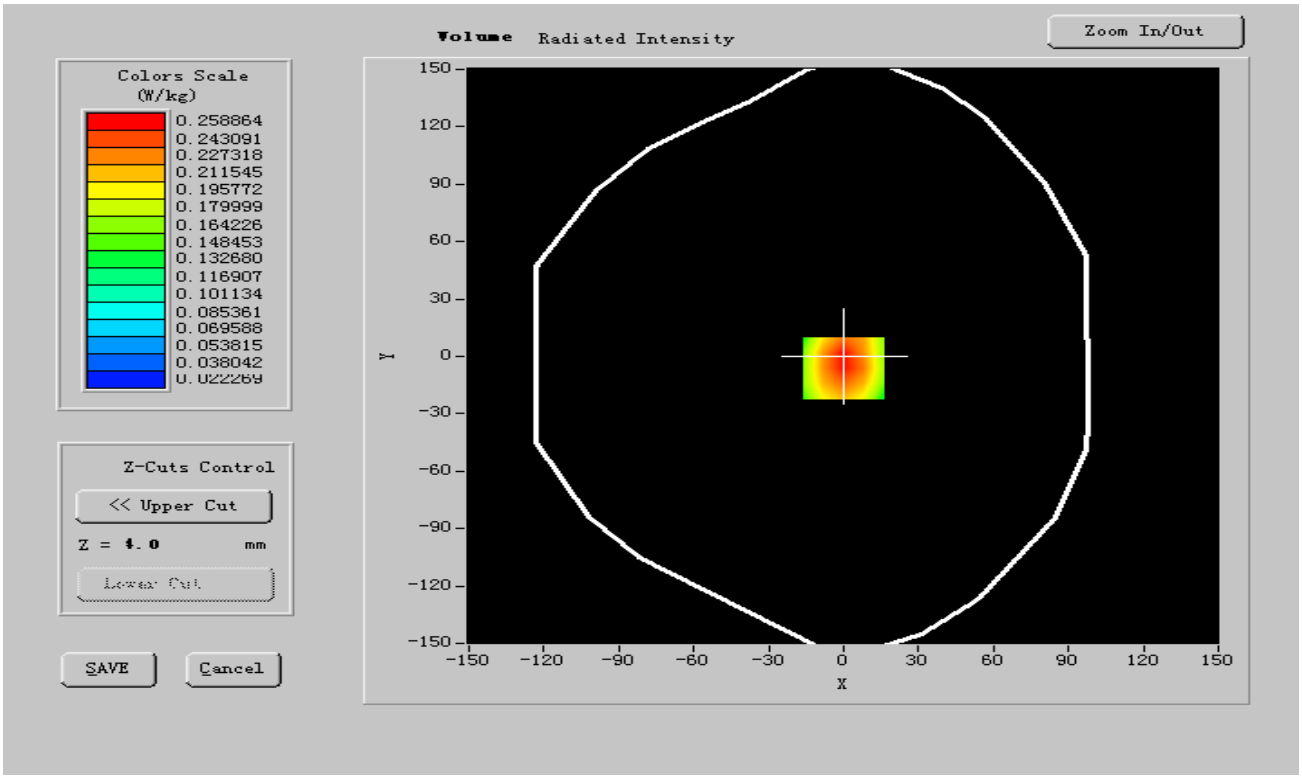
Frequency (MHz)	**826.400002**
Relative permitivity (real part)	**56.519664**
Relative permitivity (imaginary part)	**21.251330**
Conductivity (S/m)	**0.973547**
Variation (%)	**-1.130000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.00, 19.88, 27.77
Crest factor:	1:1

SURFACE SAR



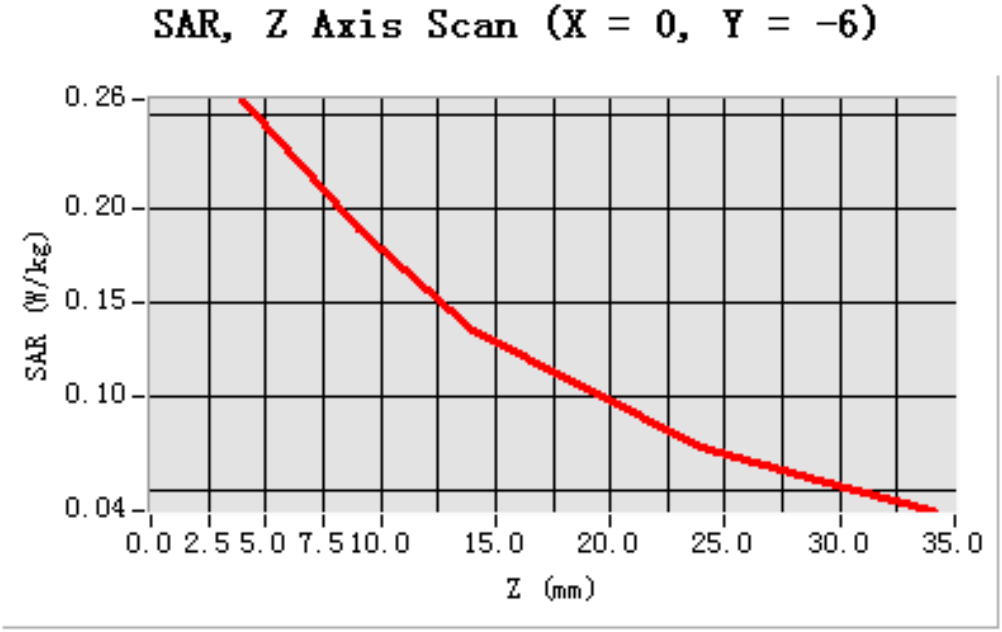
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

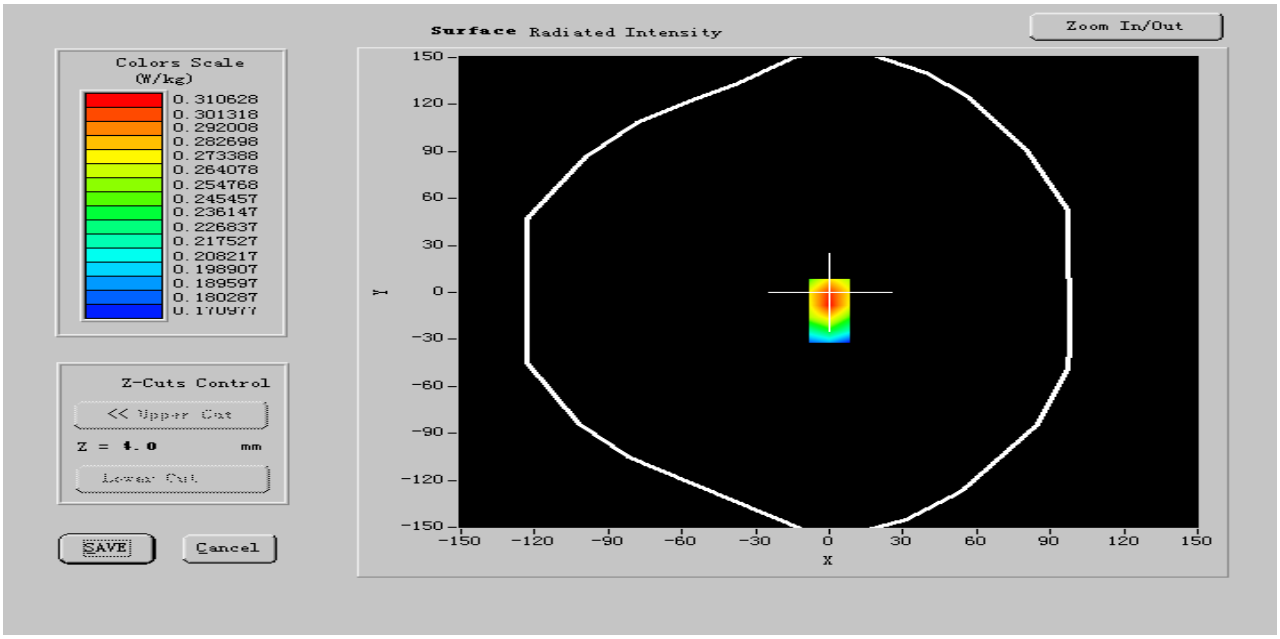
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

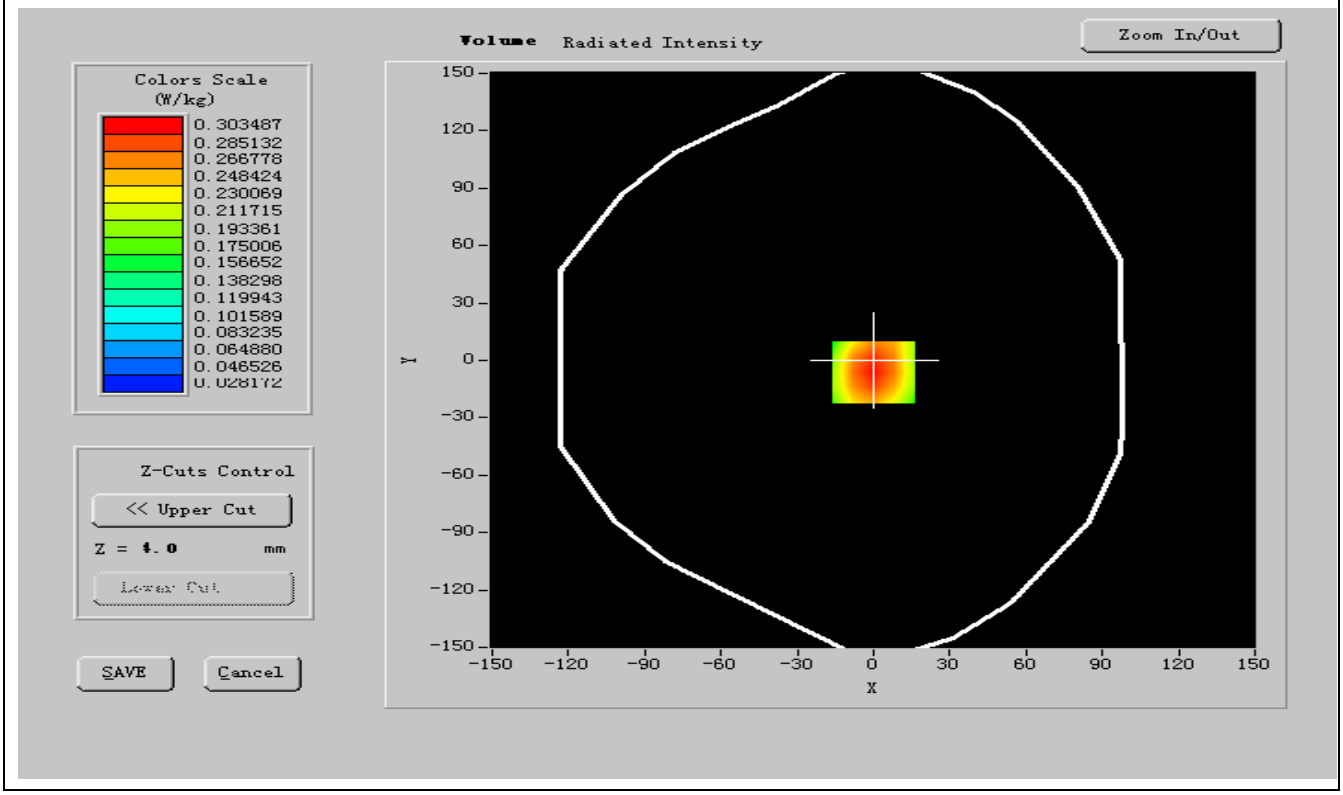
Frequency (MHz)	**836.600204**
Relative permitivity (real part)	**56.500133**
Relative permitivity (imaginary part)	**21.841544**
Conductivity (S/m)	**0.973048**
Variation (%)	**-1.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.00, 19.88, 27.77
Crest factor:	1:1

SURFACE SAR



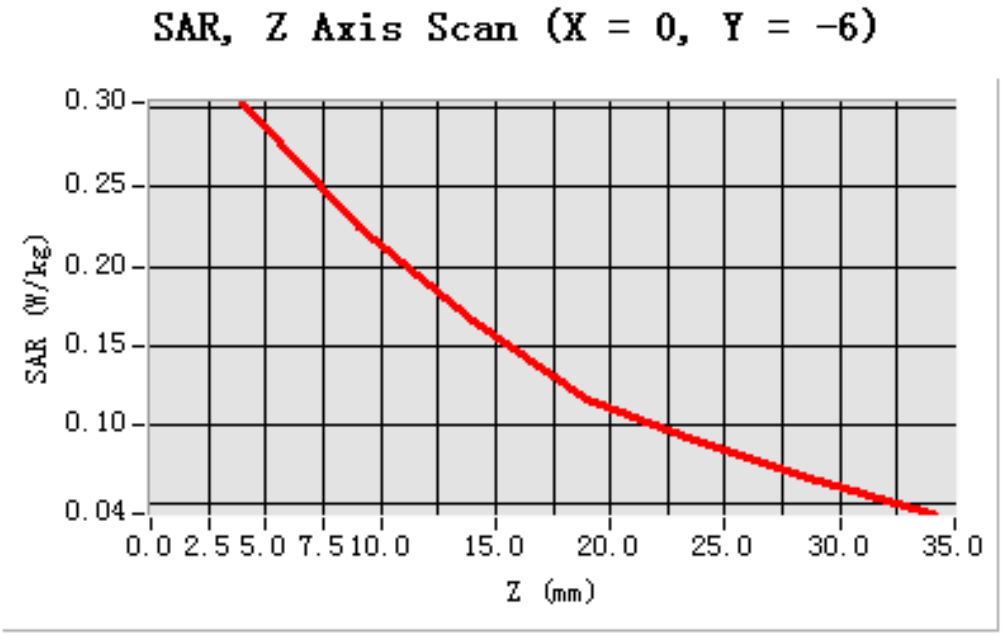
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

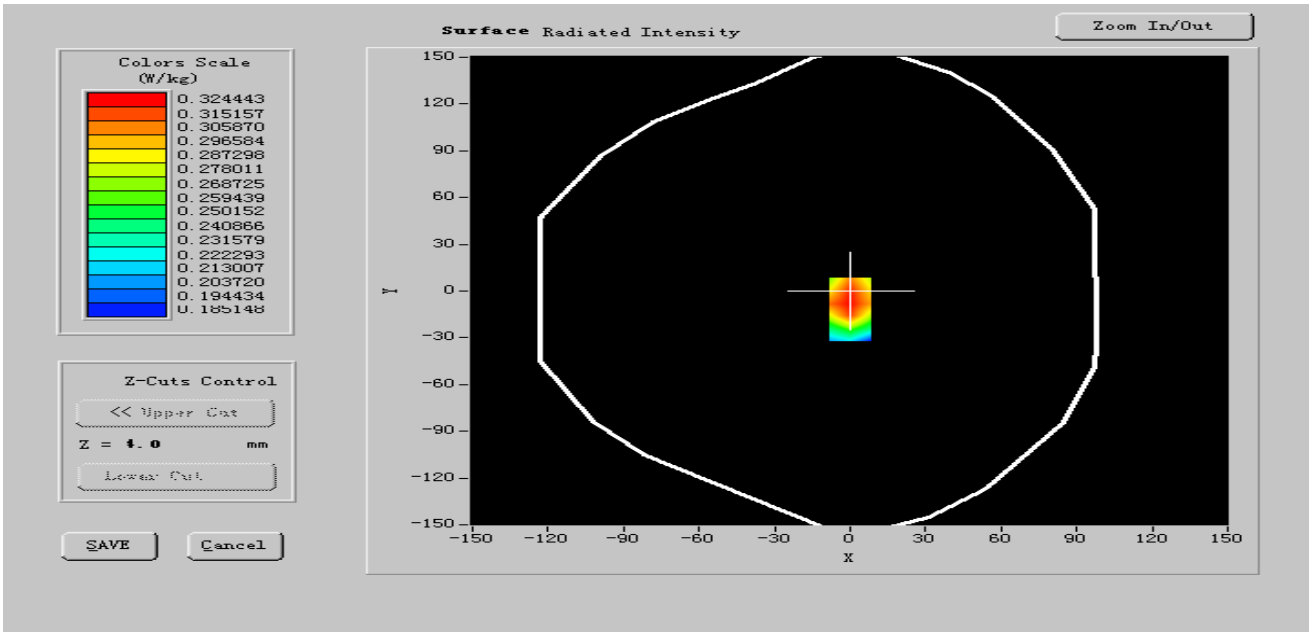
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

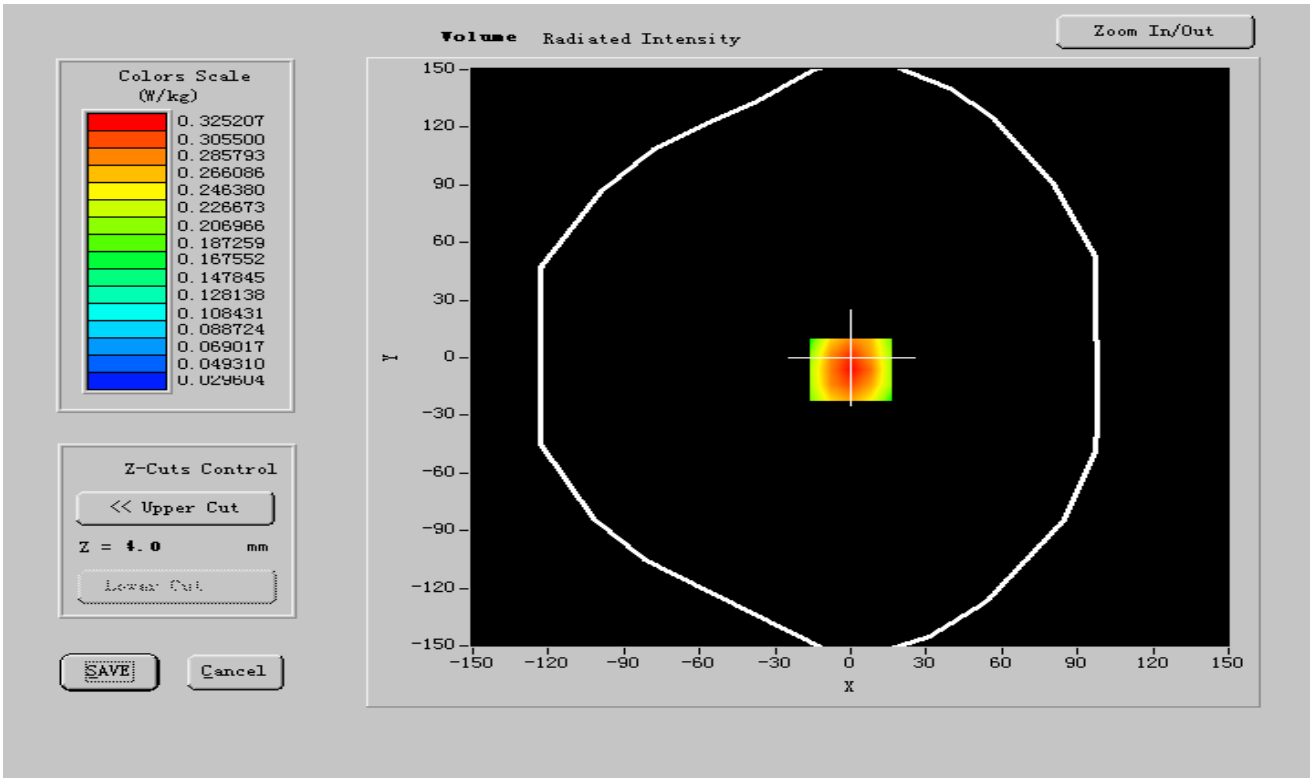
Frequency (MHz)	**846.862406**
Relative permitivity (real part)	**56.523500**
Relative permitivity (imaginary part)	**21.793006**
Conductivity (S/m)	**0.972841**
Variation (%)	**-1.310000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.00, 19.88, 27.77
Crest factor:	1:1

SURFACE SAR



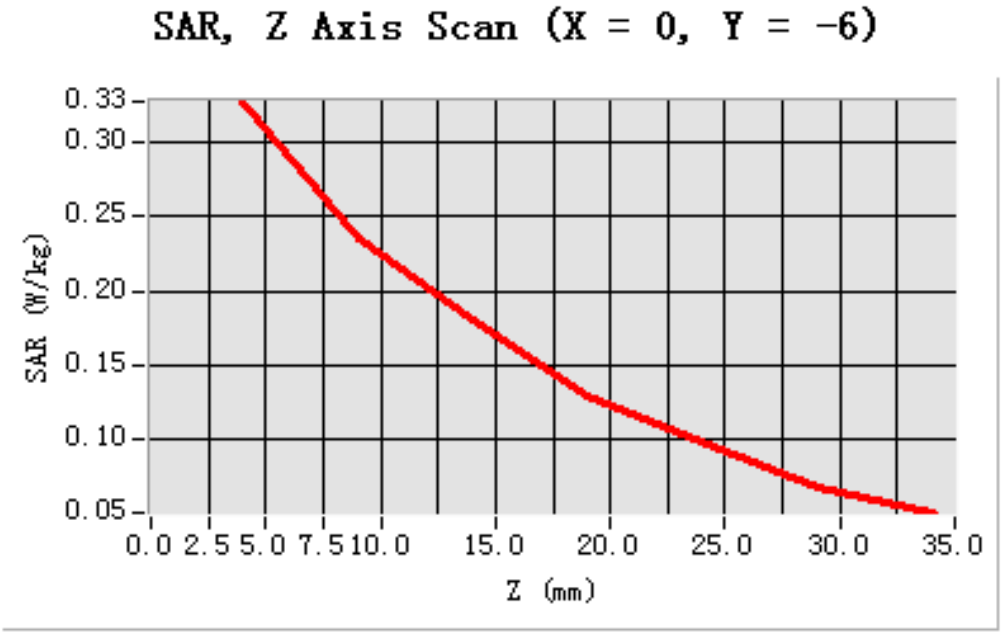
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	WCDMA band V
Channels	Low
Signal	WCDMA

B. Instrumentations.

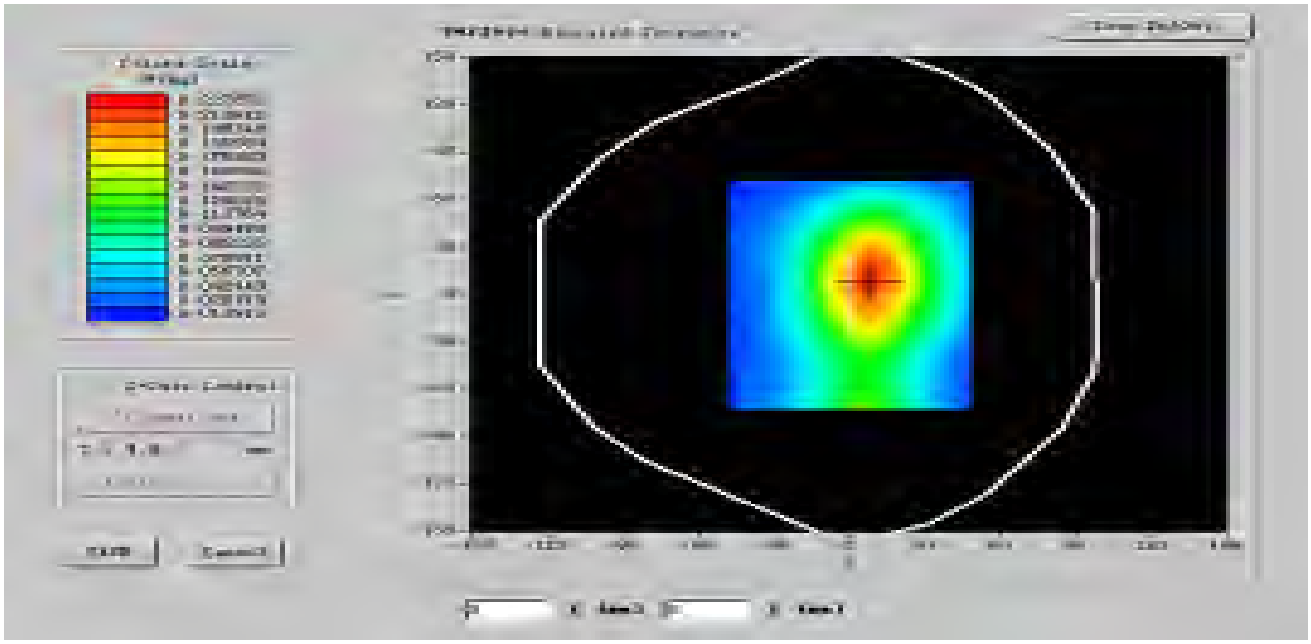
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

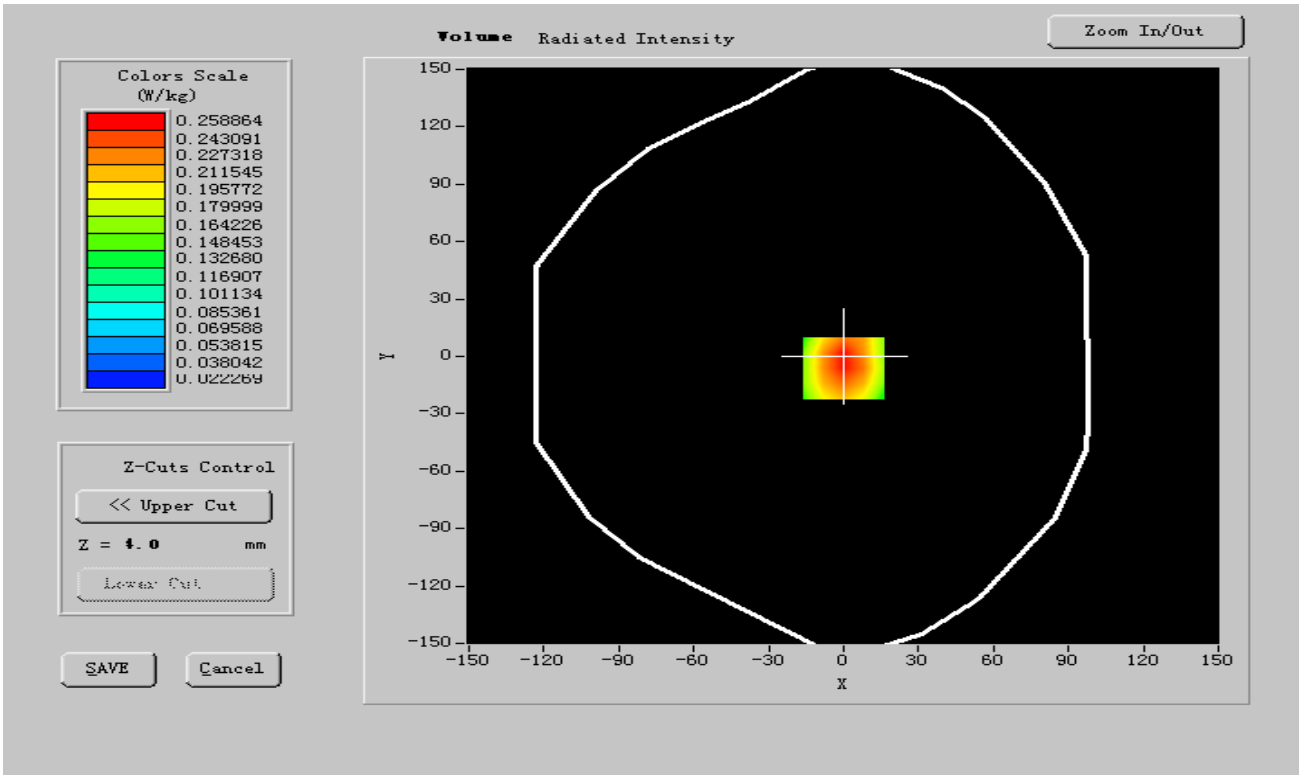
Frequency (MHz)	**826.400002**
Relative permitivity (real part)	**56.524510**
Relative permitivity (imaginary part)	**21.252631**
Conductivity (S/m)	**0.974231**
Variation (%)	**-1.120000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



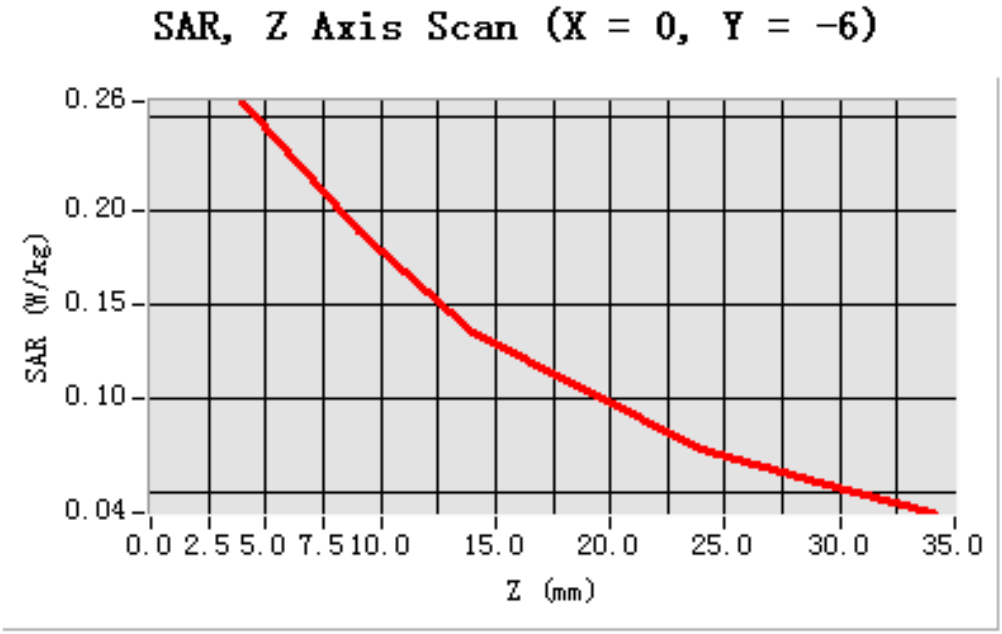
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	WCDMA band V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

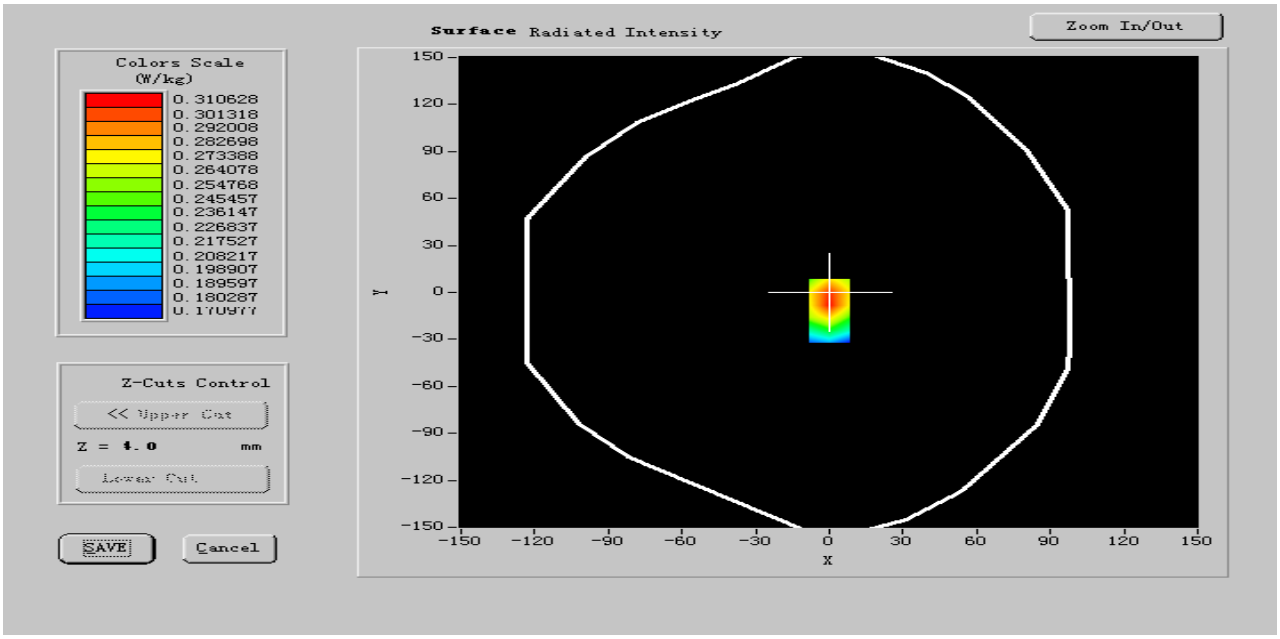
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

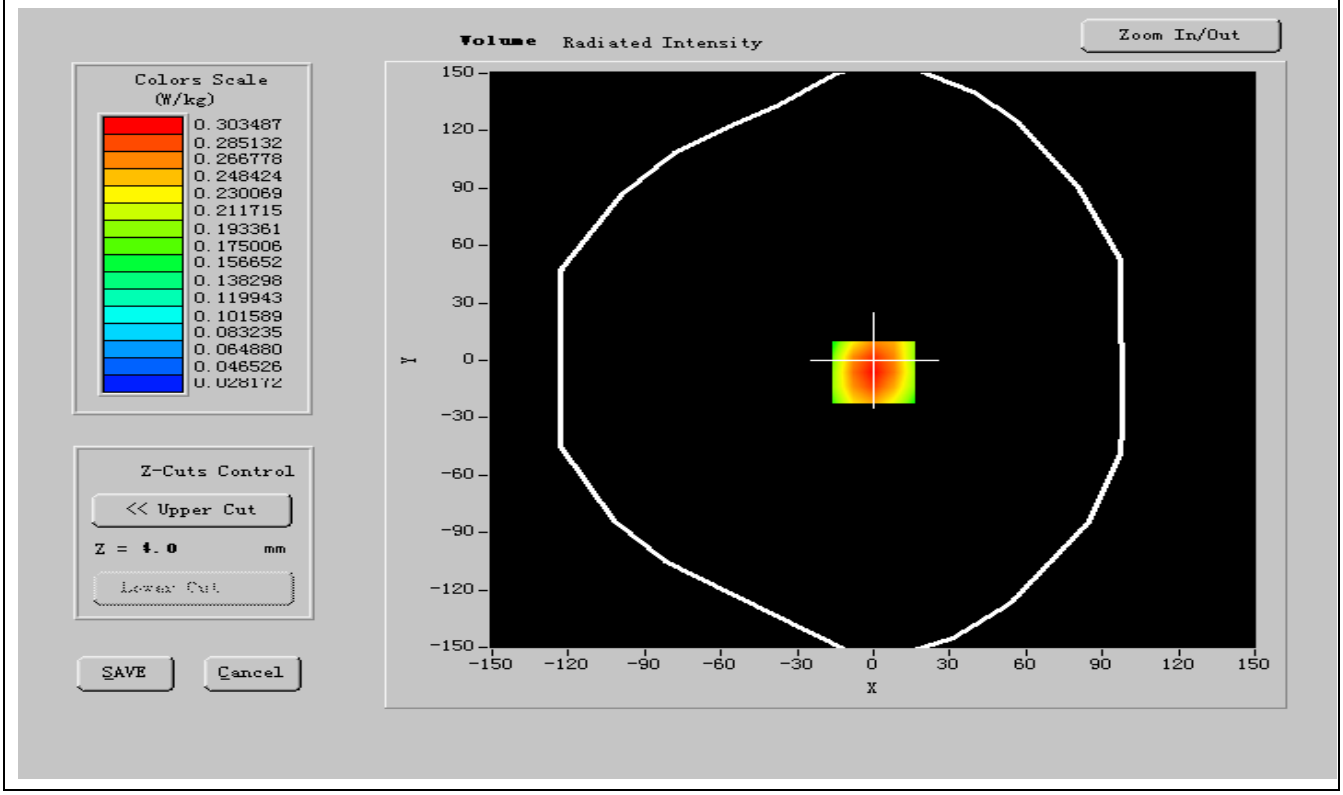
Frequency (MHz)	**836.600204**
Relative permitivity (real part)	**56.512021**
Relative permitivity (imaginary part)	**21.842614**
Conductivity (S/m)	**0.978718**
Variation (%)	**-1.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.00, 19.88, 27.77
Crest factor:	1:1

SURFACE SAR



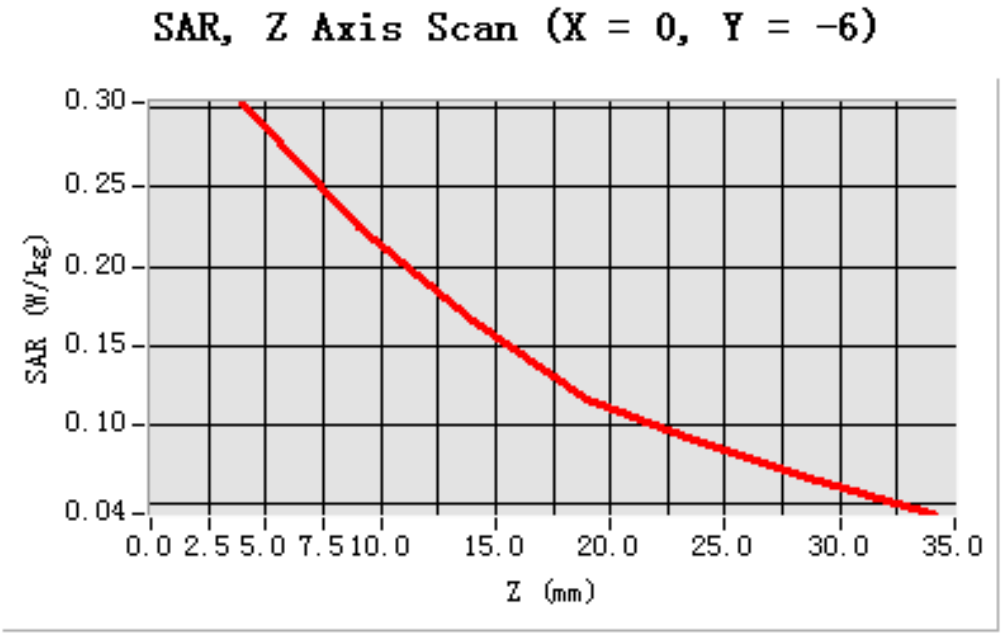
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	WCDMA band V
Channels	High
Signal	WCDMA

B. Instrumentations.

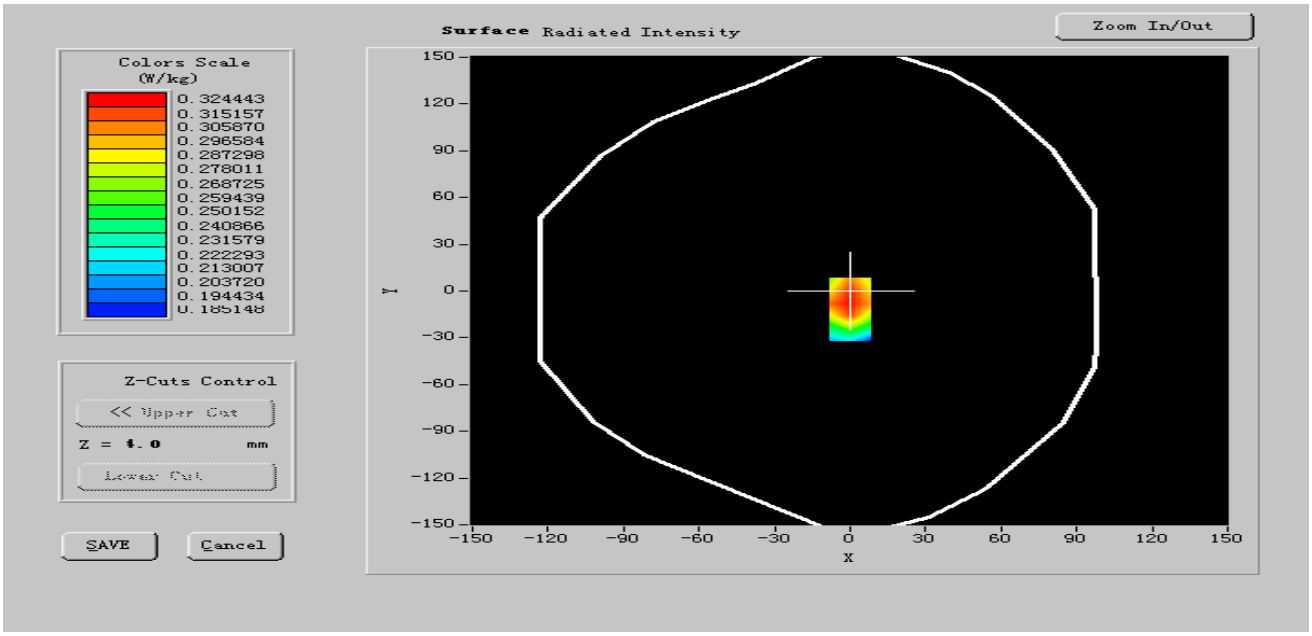
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

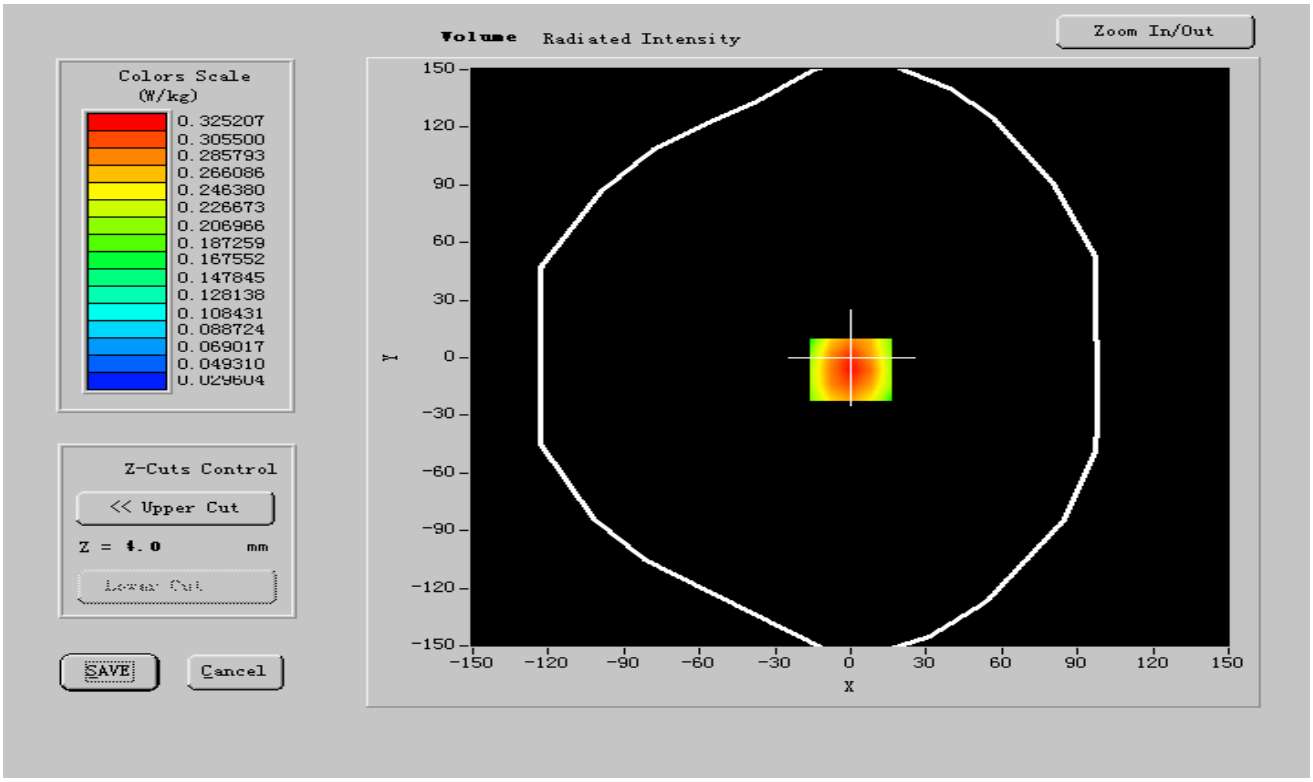
Frequency (MHz)	**846.862406**
Relative permitivity (real part)	**56.524621**
Relative permitivity (imaginary part)	**21.793236**
Conductivity (S/m)	**0.973251**
Variation (%)	**-1.320000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	20.00, 19.88, 27.77
Crest factor:	1:1

SURFACE SAR



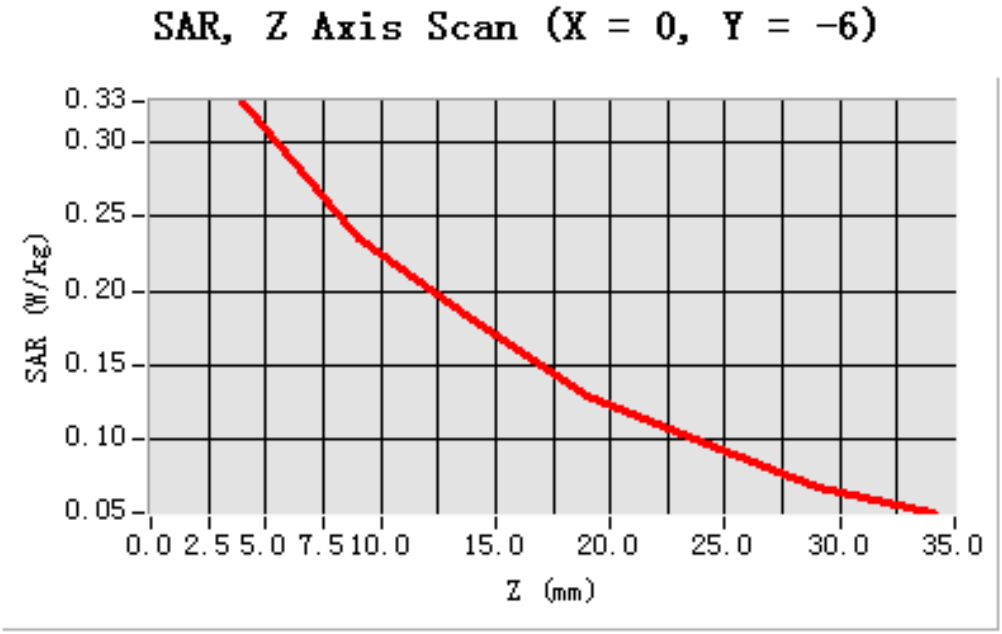
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	HSDPA BAND V
Channels	Low
Signal	WCDMA

B. Instrumentations.

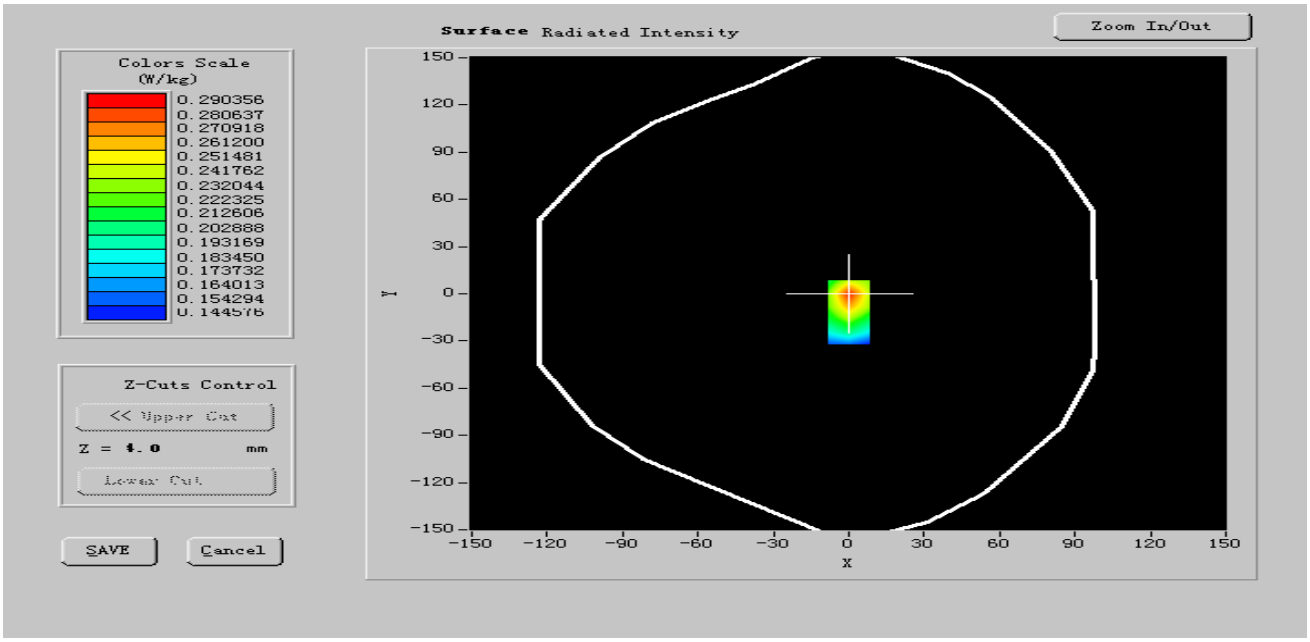
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

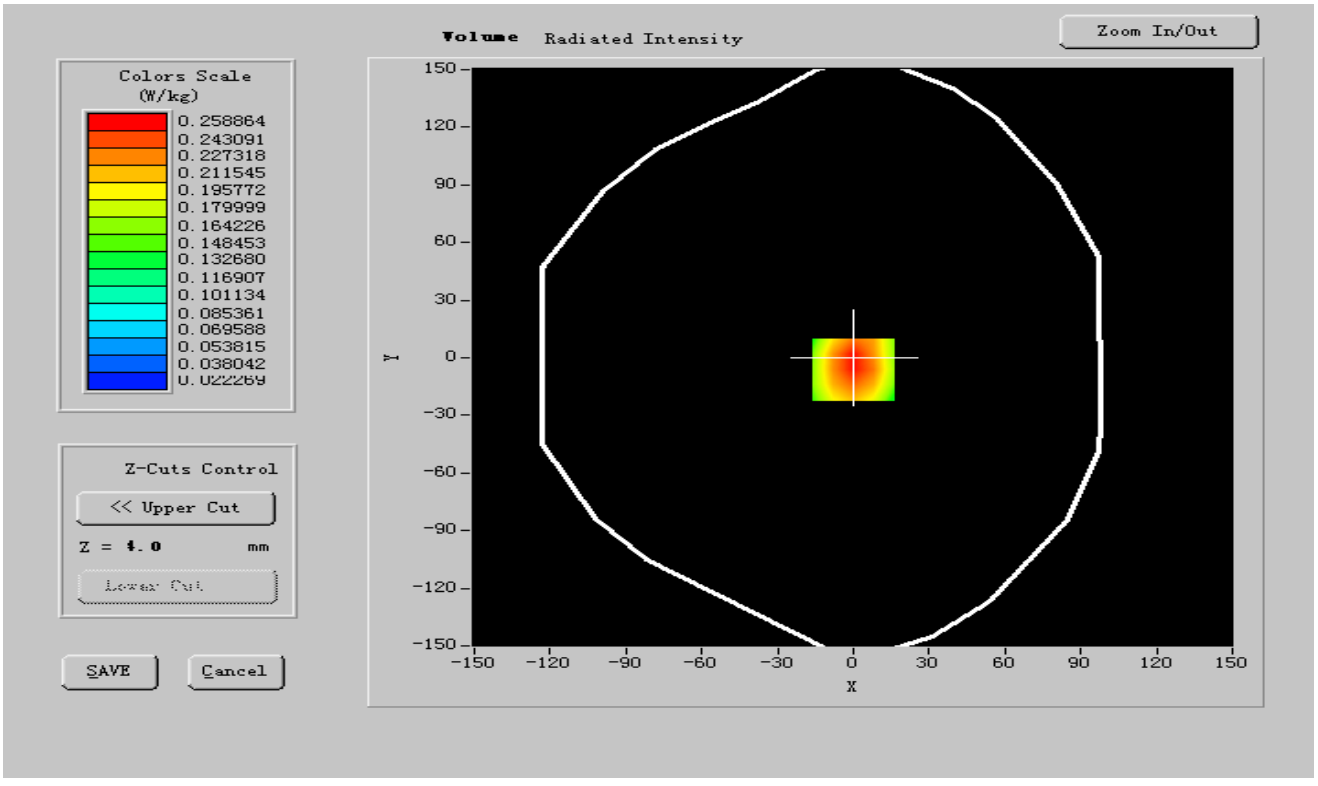
Frequency (MHz)	**826.400002**
Relative permitivity (real part)	**56.523884**
Relative permitivity (imaginary part)	**21.250339**
Conductivity (S/m)	**0.971852**
Variation (%)	**-1.130000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



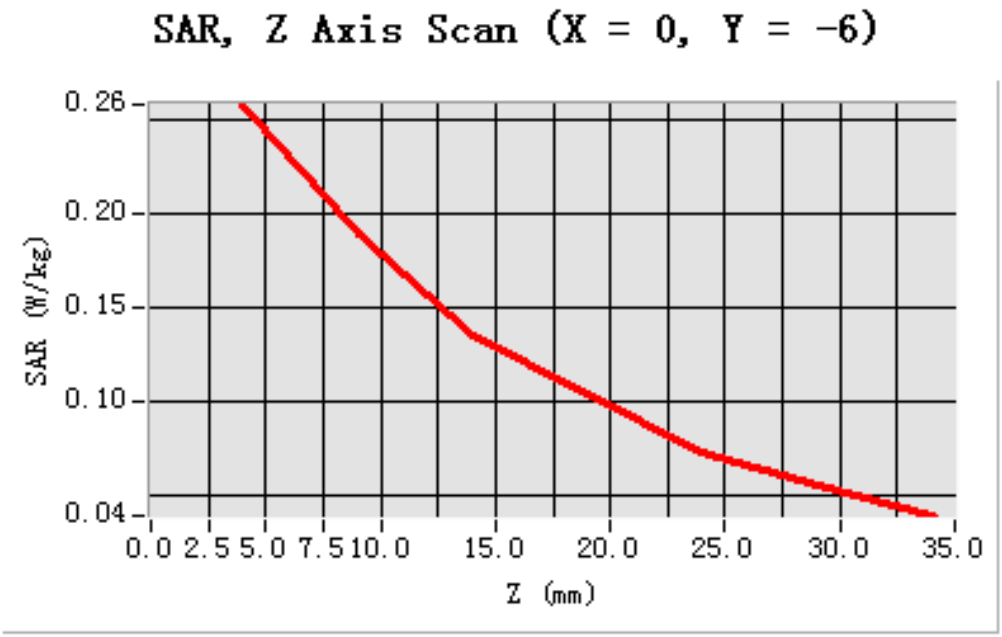
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	HSDPA BAND V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

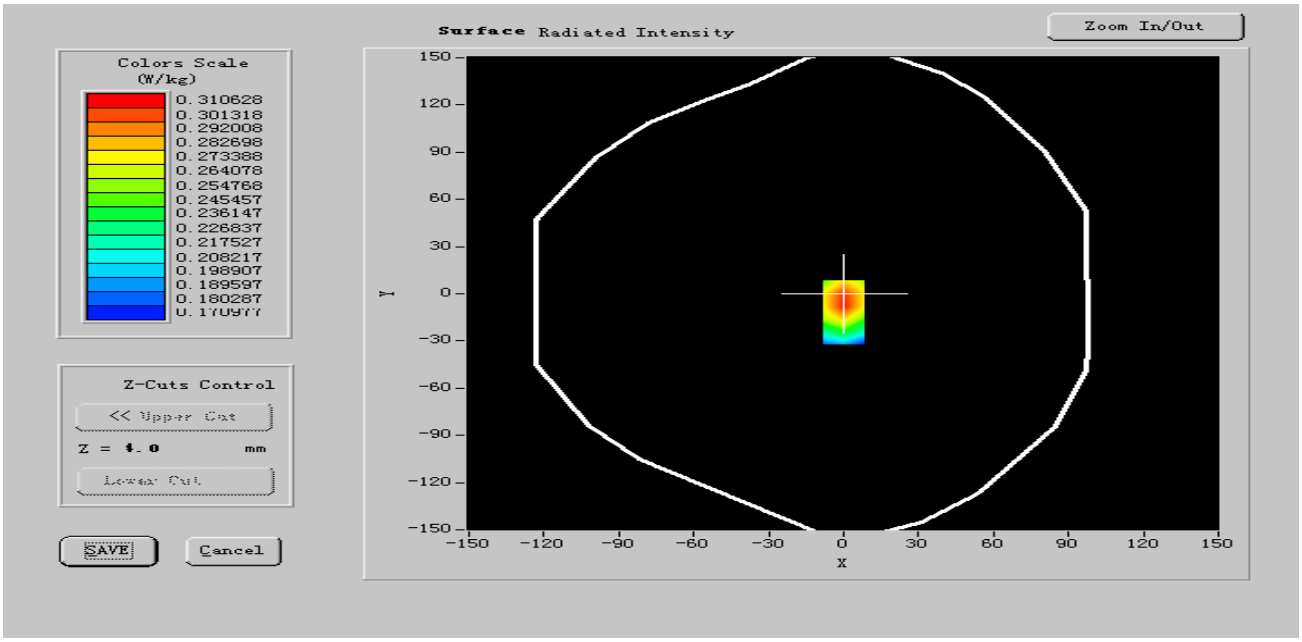
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

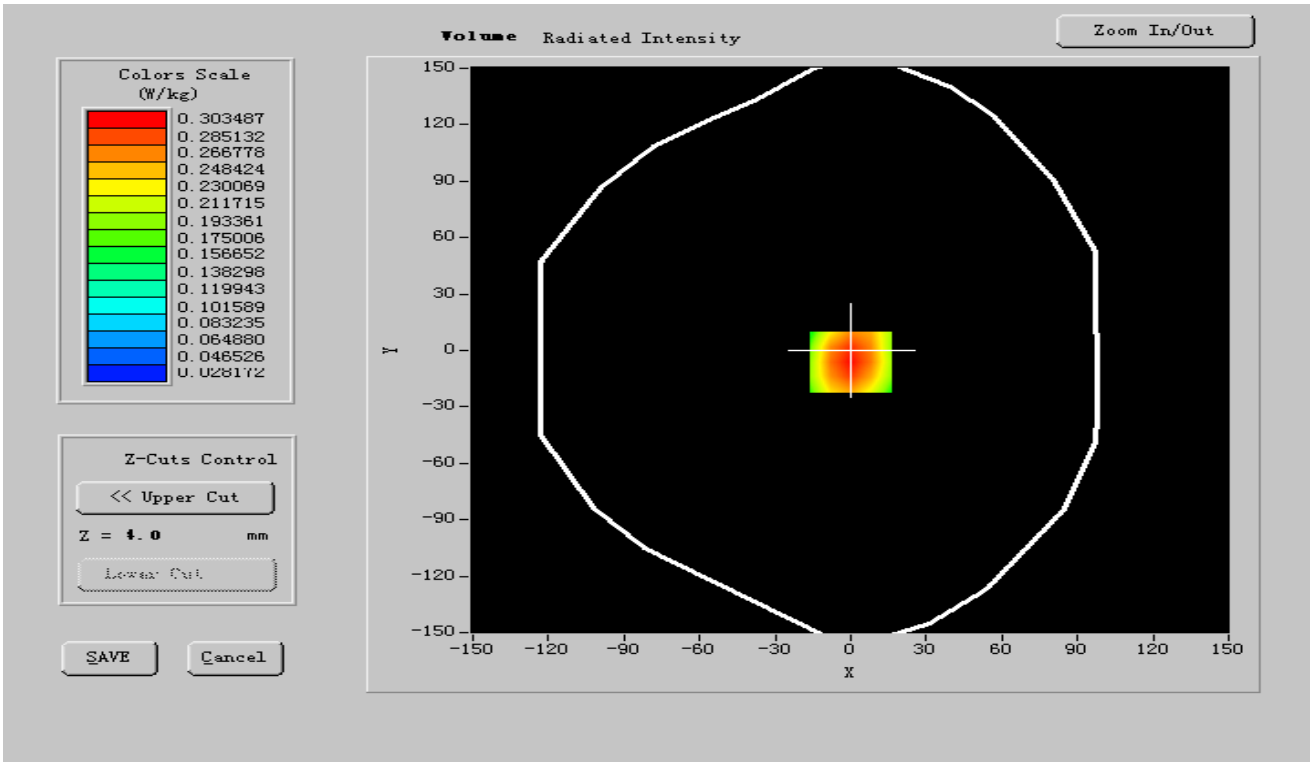
Frequency (MHz)	**836.600204**
Relative permitivity (real part)	**56.500336**
Relative permitivity (imaginary part)	**21.841775**
Conductivity (S/m)	**0.974308**
Variation (%)	**-1.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



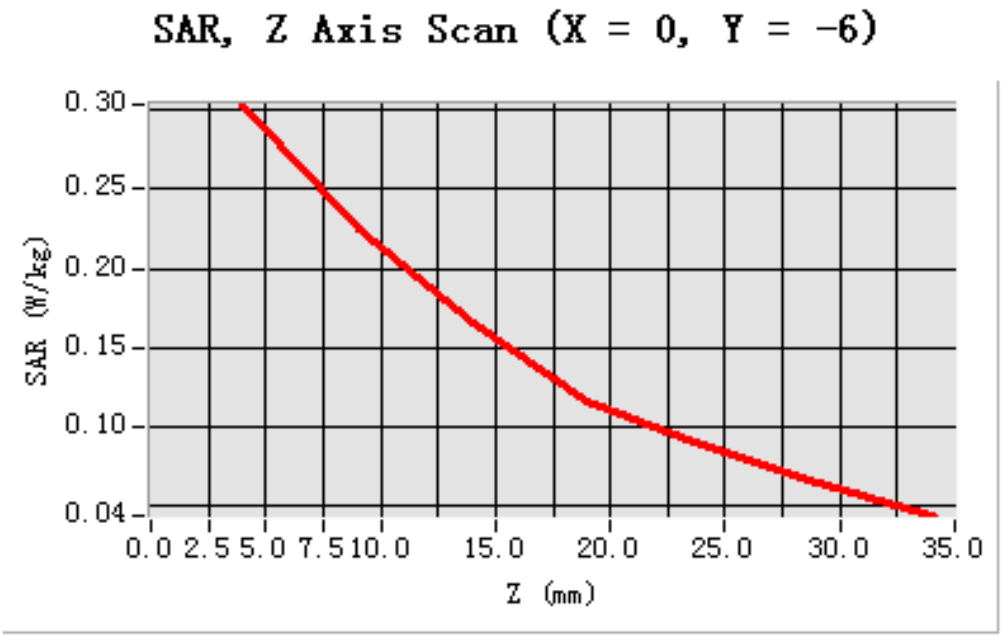
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	HADPA BAND V
Channels	High
Signal	WCDMA

B. Instrumentations.

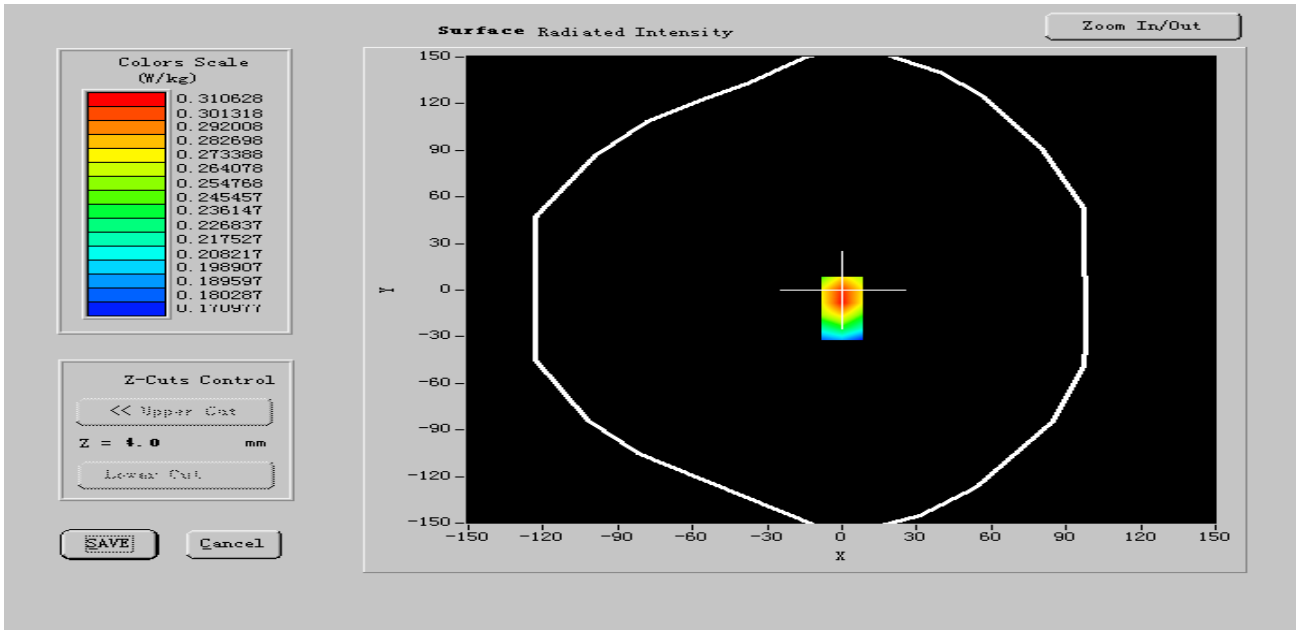
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

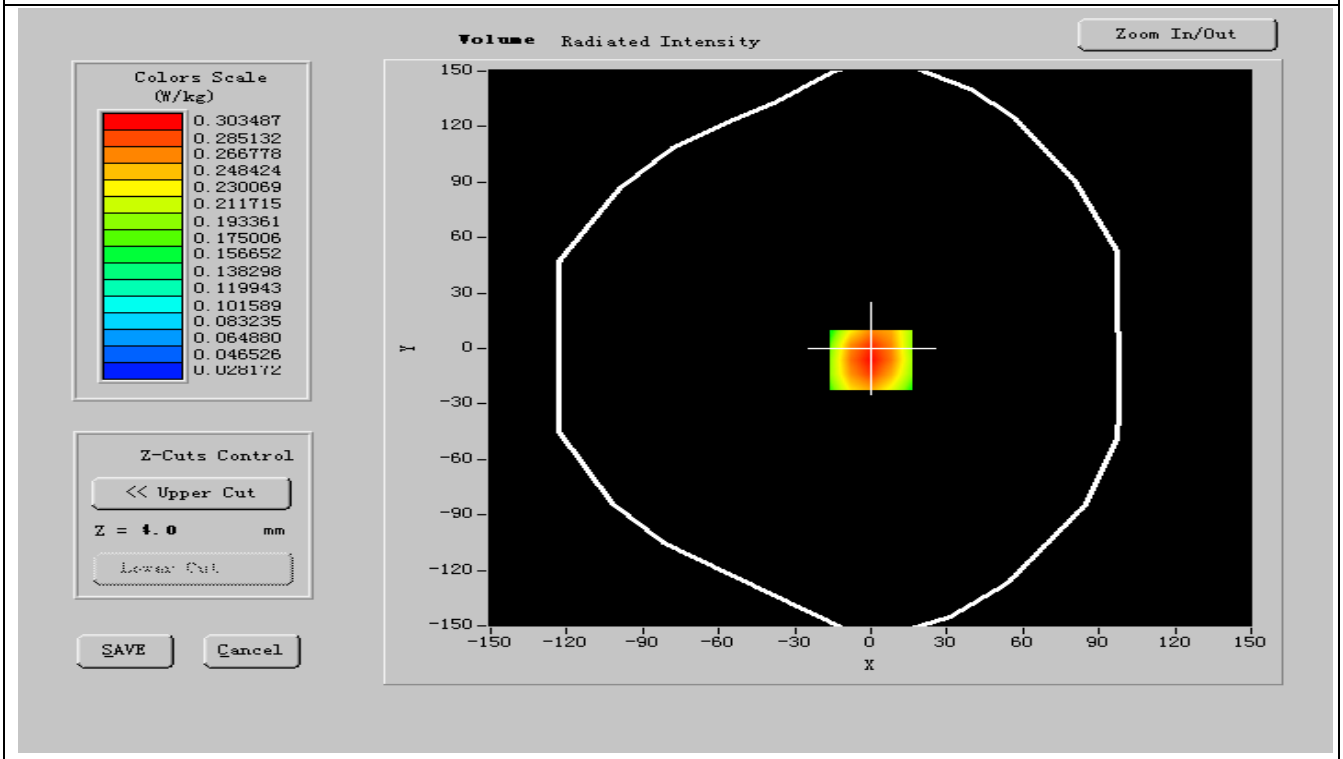
Frequency (MHz)	**846.862406**
Relative permitivity (real part)	**56.524112**
Relative permitivity (imaginary part)	**21.792205**
Conductivity (S/m)	**0.973211**
Variation (%)	**-1.310000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



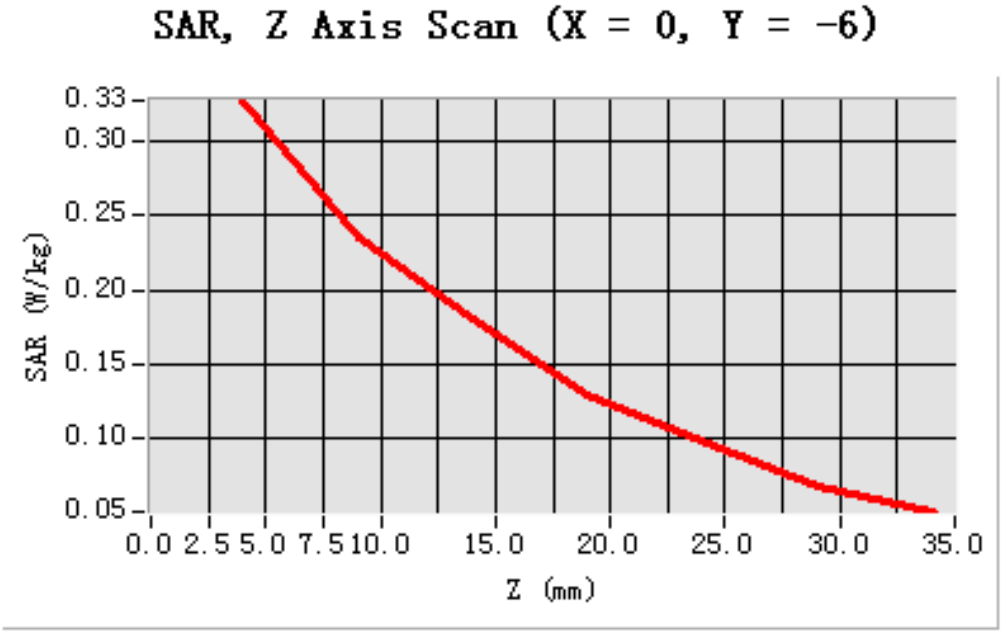
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	HSDPA BAND V
Channels	Low
Signal	WCDMA

B. Instrumentations.

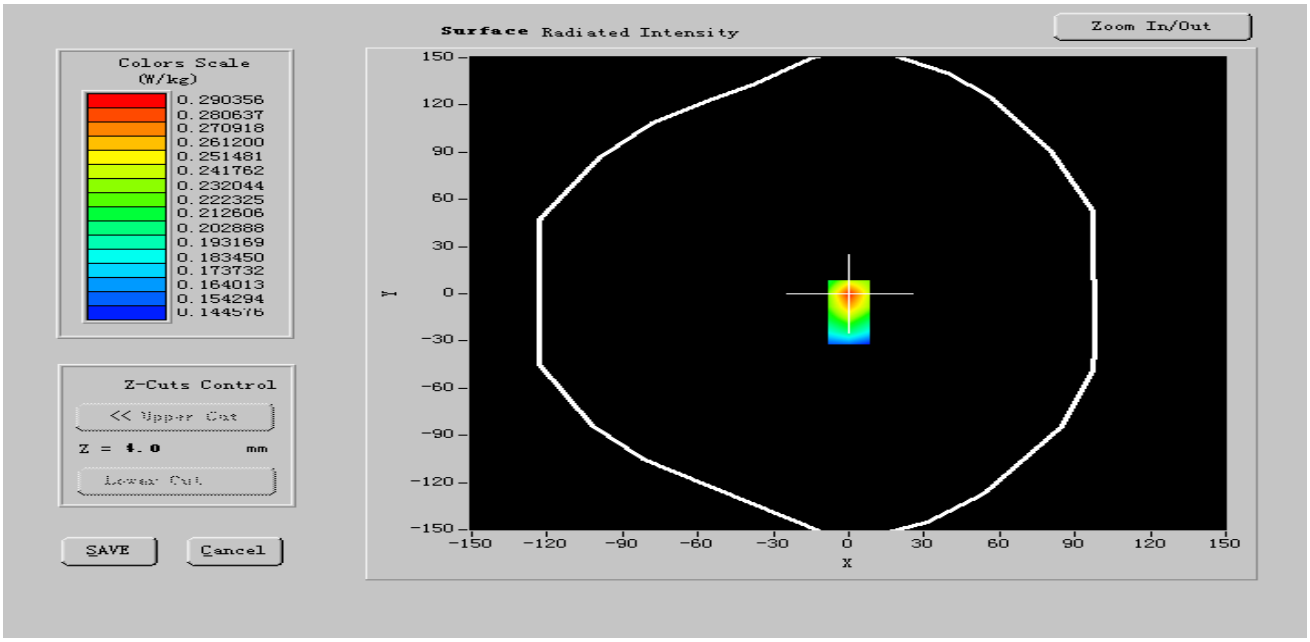
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

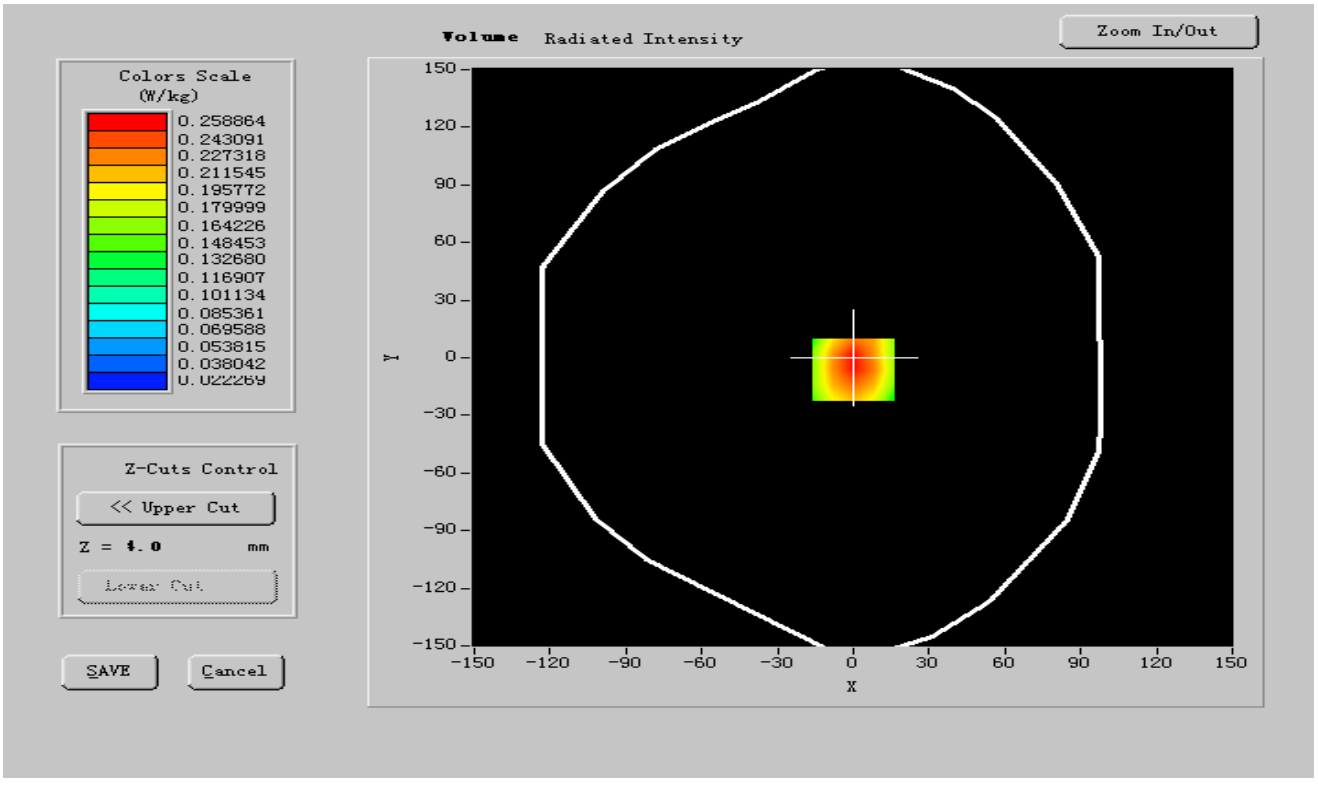
Frequency (MHz)	**826.400002**
Relative permitivity (real part)	**56.523884**
Relative permitivity (imaginary part)	**21.250339**
Conductivity (S/m)	**0.971852**
Variation (%)	**-1.130000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



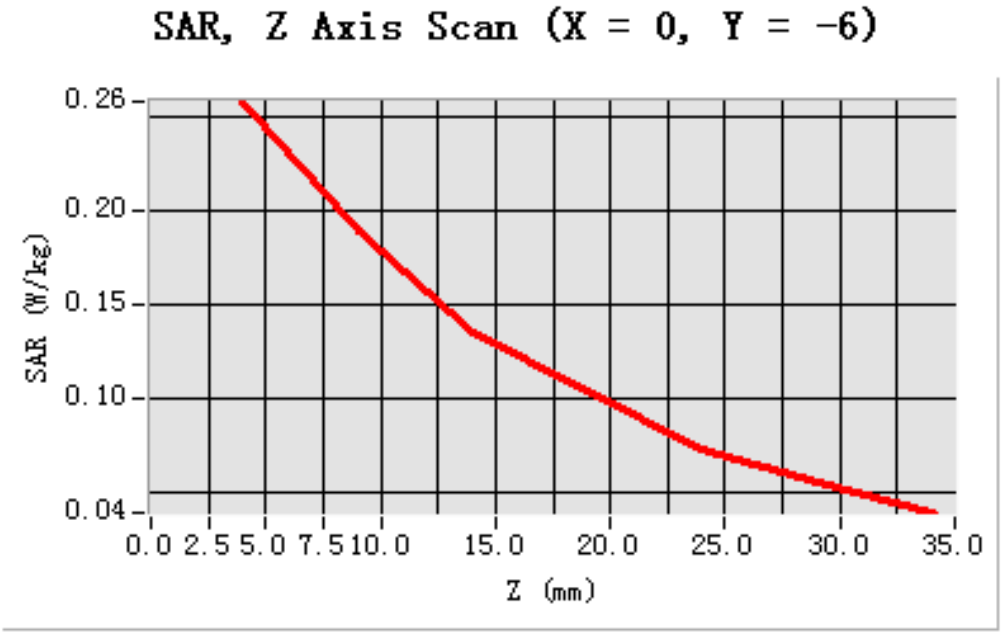
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	backSide toward phantom
Band	HSDPA BAND V
Channels	Middle
Signal	WCDMA

B. Instrumentations.

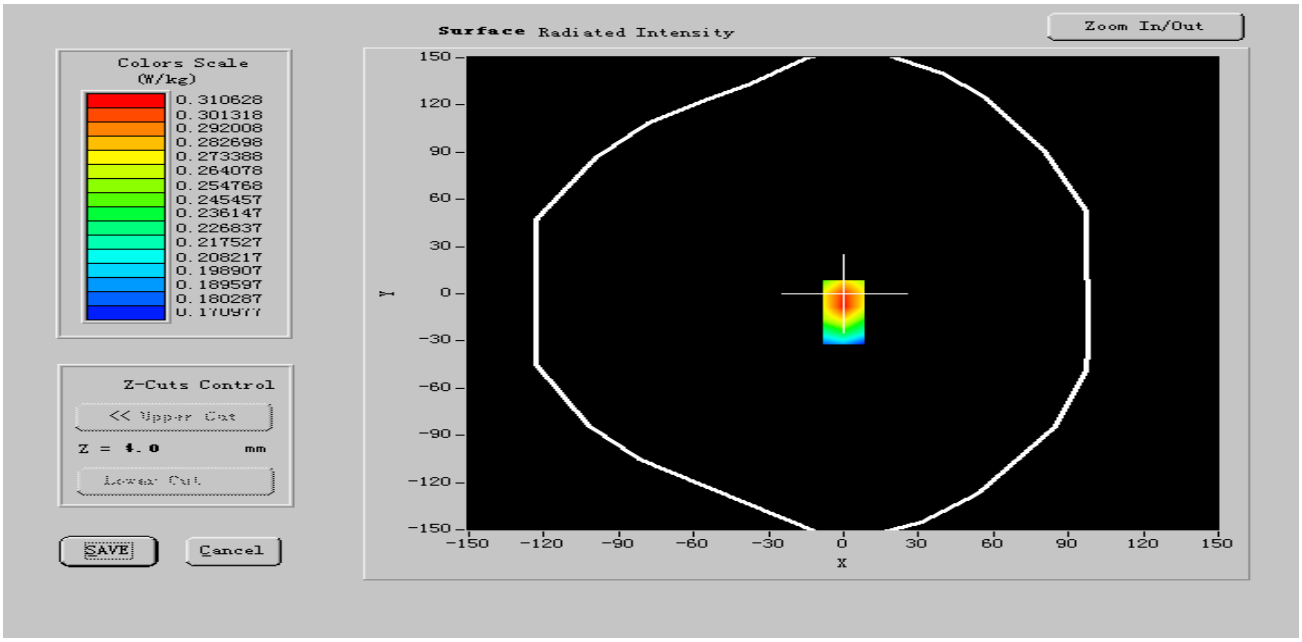
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

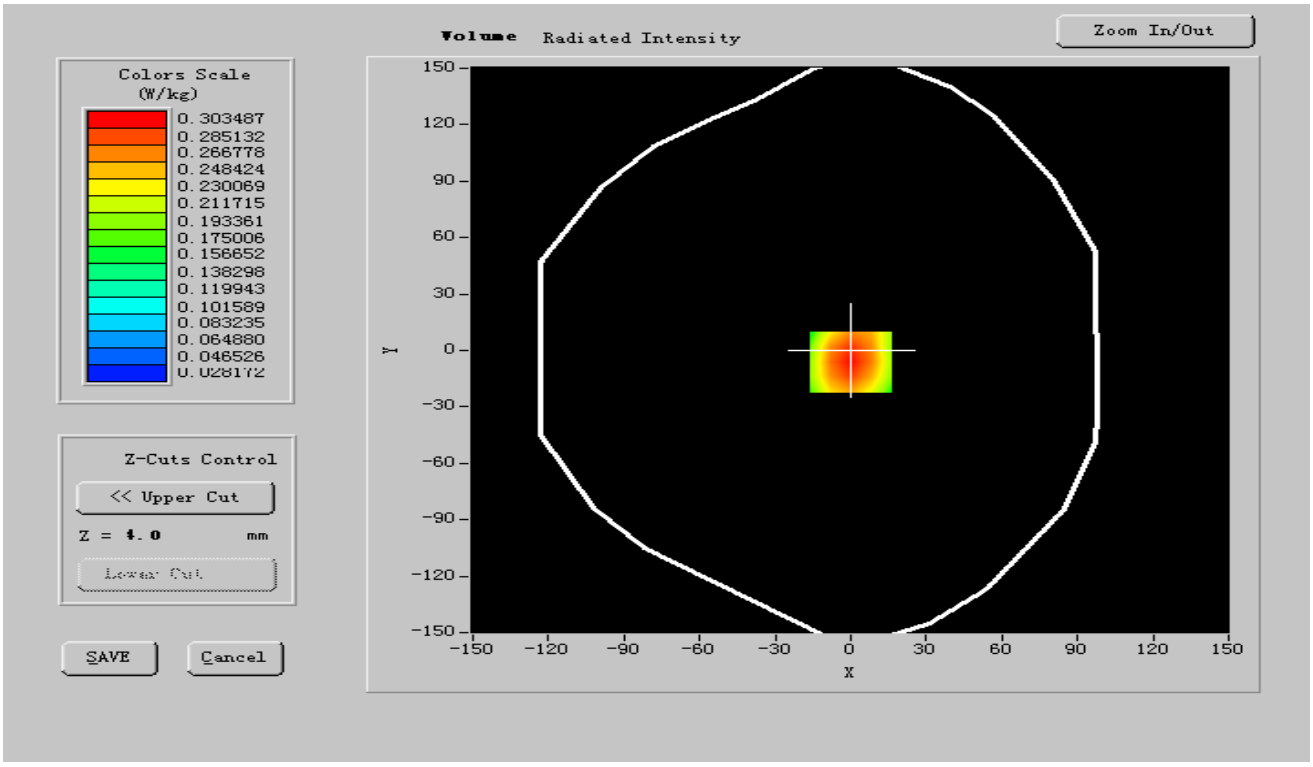
Frequency (MHz)	**836.600204**
Relative permitivity (real part)	**56.502366**
Relative permitivity (imaginary part)	**21.842713**
Conductivity (S/m)	**0.973218**
Variation (%)	**-1.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



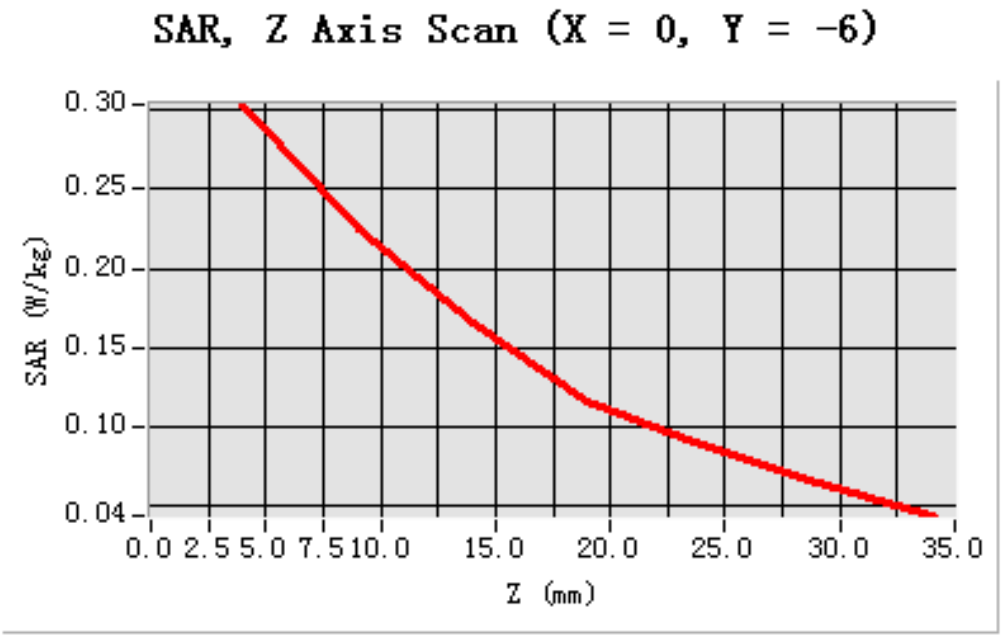
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	backSide toward phantom
Band	HADPA BAND V
Channels	High
Signal	WCDMA

B. Instrumentations.

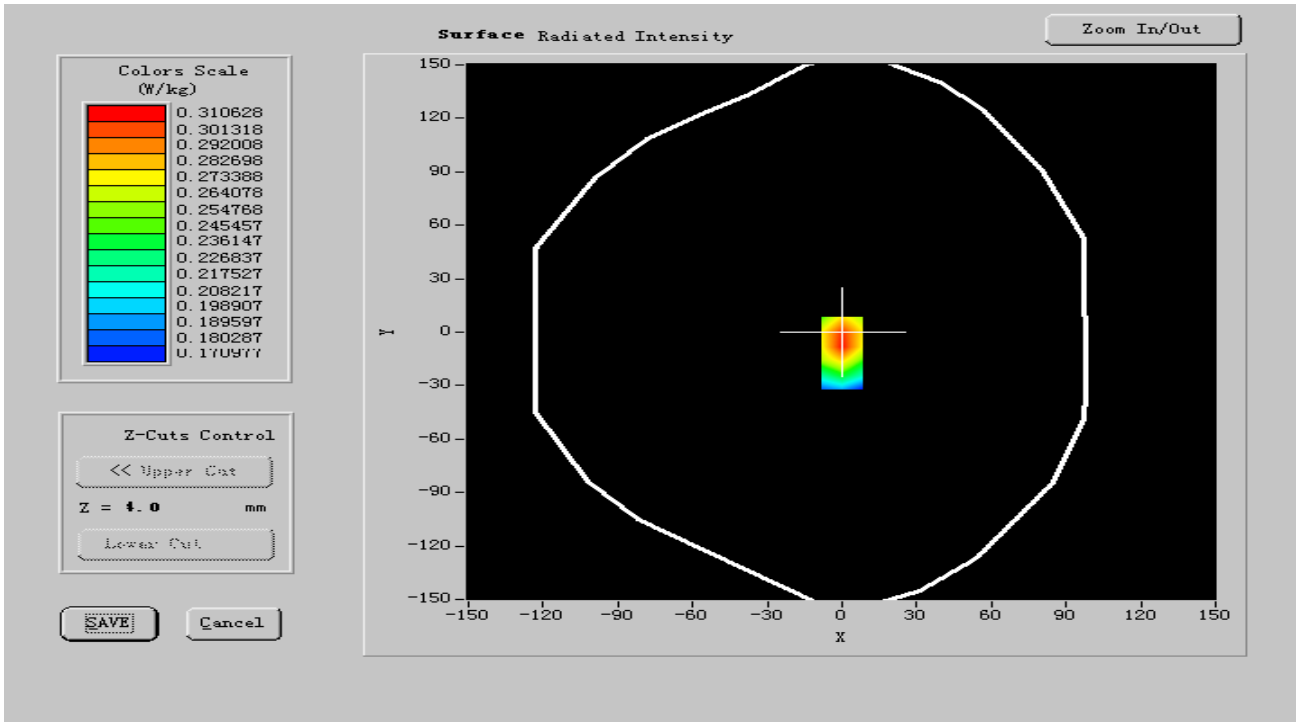
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

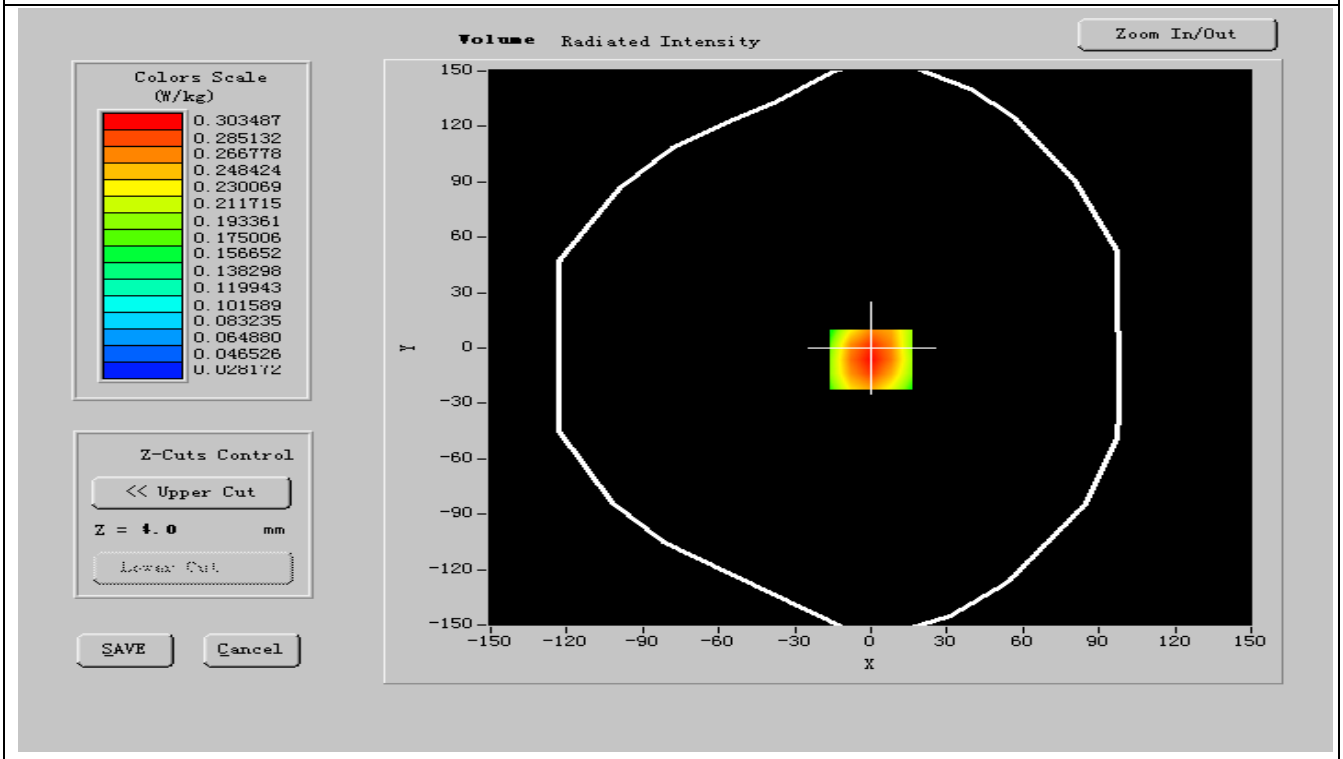
Frequency (MHz)	**846.862406**
Relative permitivity (real part)	**56.526922**
Relative permitivity (imaginary part)	**21.792135**
Conductivity (S/m)	**0.974201**
Variation (%)	**-1.310000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**20.00, 19.88, 27.77**

Crest factor:	1:1

SURFACE SAR



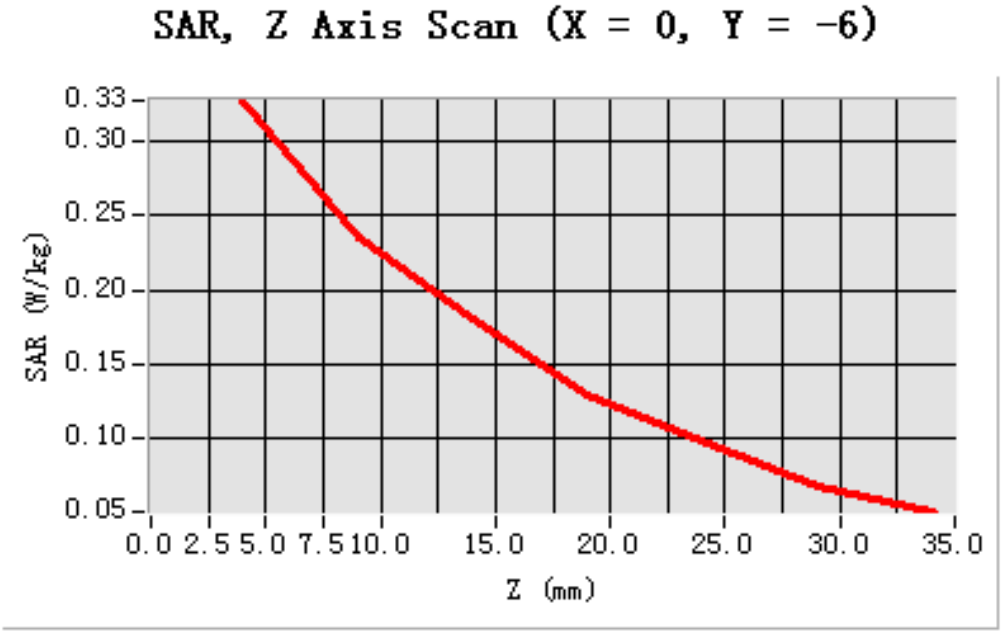
VOLUME SAR



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

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

Z Axis Scan



IIIII. 802.11 B RESULTS

TYPE	PARAMETERS
Phone	Measurement 1: Right Head with Cheek device position on Low Channel in 802.11b mode Measurement 2: Right Head with Cheek device position on Middle Channel in 802.11b mode Measurement 3: Right Head with Cheek device position on High Channel in 802.11b mode Measurement 4: Right Head with Tilt device position on Low Channel in 802.11b mode Measurement 5: Right Head with Tilt device position on Middle Channel in 802.11b mode Measurement 6: Right Head with Tilt device position on High Channel in 802.11b mode Measurement 7: Left Head with Cheek device position on Low Channel in 802.11b mode Measurement 8: Left Head with Cheek device position on Middle Channel in 802.11b mode Measurement 9: Left Head with Cheek device position on High Channel in 802.11b mode Measurement 10: Left Head with Tilt device position on Low Channel in 802.11b mode Measurement 11: Left Head with Tilt device position on Middle Channel in 802.11b mode Measurement 12: Left Head with Tilt device position on High Channel in 802.11b mode Measurement 13: FrontSide toward phantom 15mm on Low Channel in 802.11b mode Measurement 14: FrontSide toward phantom 15mm on Middle Channel in 802.11b mode Measurement 15: FrontSide toward phantom 15mm on High Channel in 802.11b mode Measurement 16: BackSide toward phantom 15mm on Low Channel in 802.11b mode Measurement 17: BackSide toward phantom 15mm on Middle Channel in 802.11b mode Measurement 18: 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, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

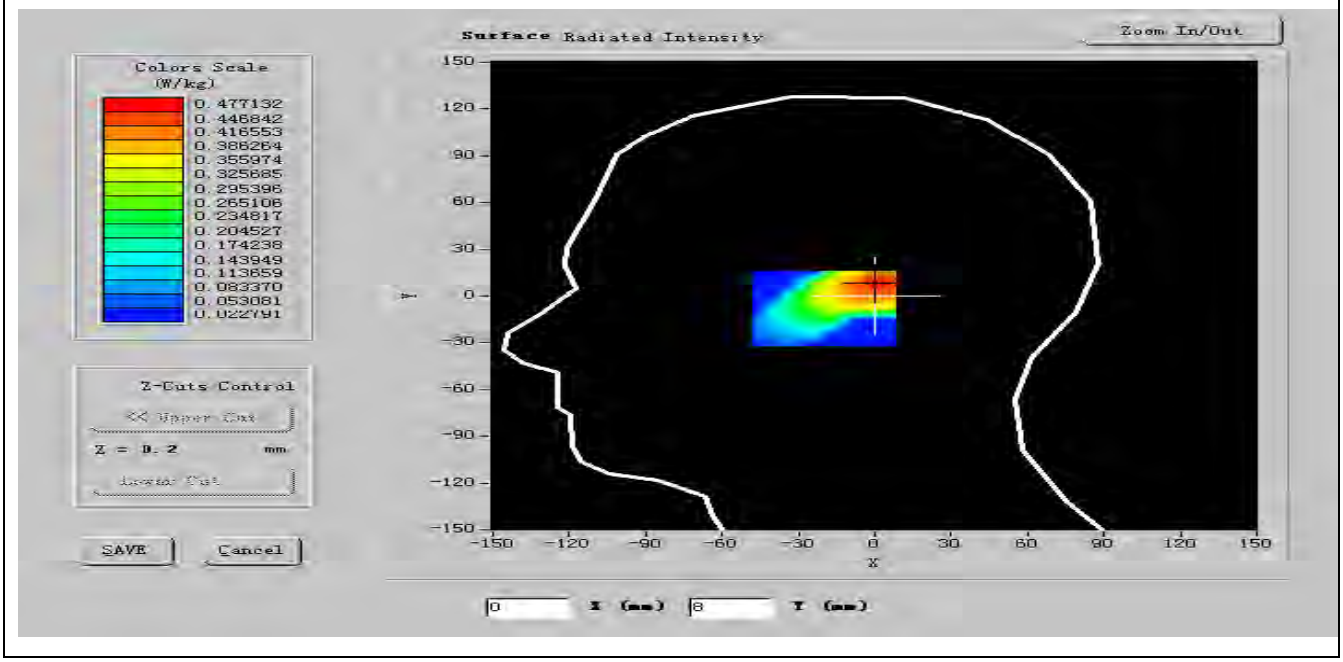
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

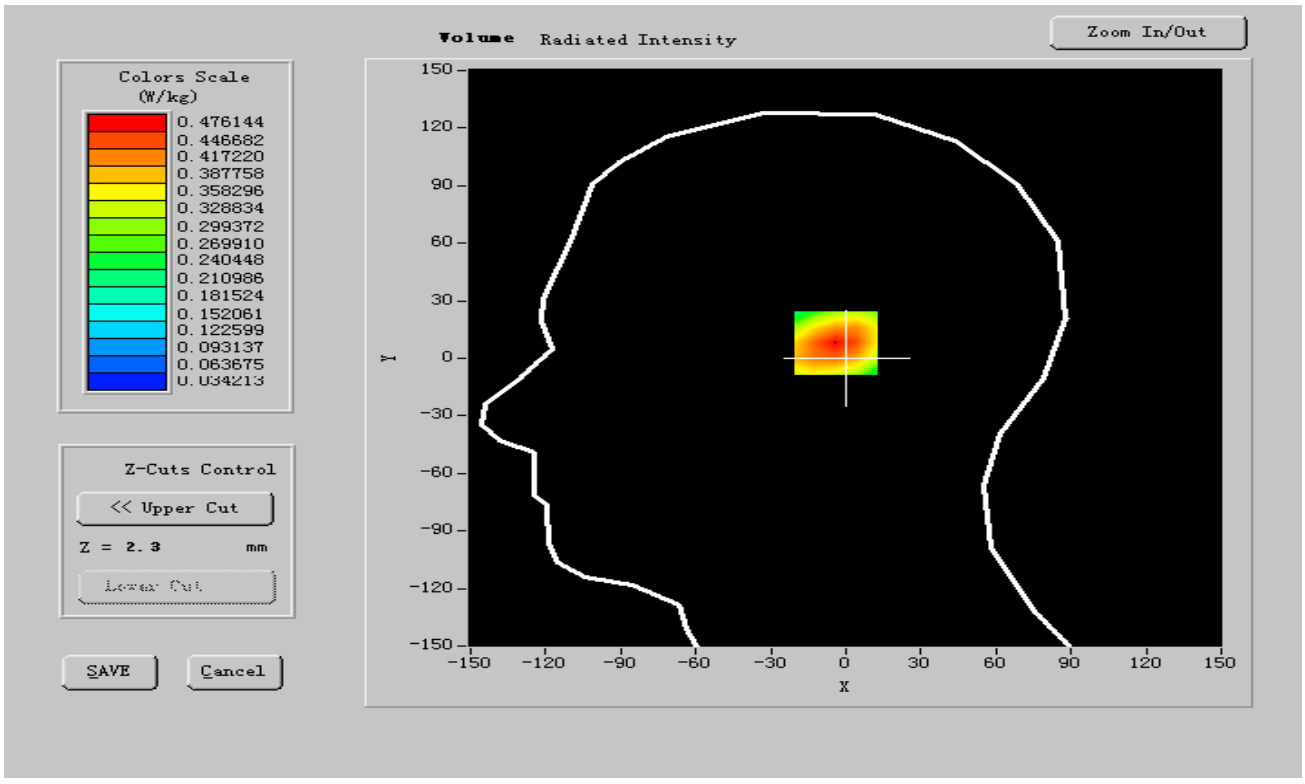
Frequency (MHz)	**2412.0000**
Relative permitivity (real part)	**40.405521**
Relative permitivity (imaginary part)	**13.349850**
Conductivity (S/m)	**1.862061**
Variation (%)	**-1.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**51.18,53.87,70.48**

Crest factor:	1:1

SURFACE SAR



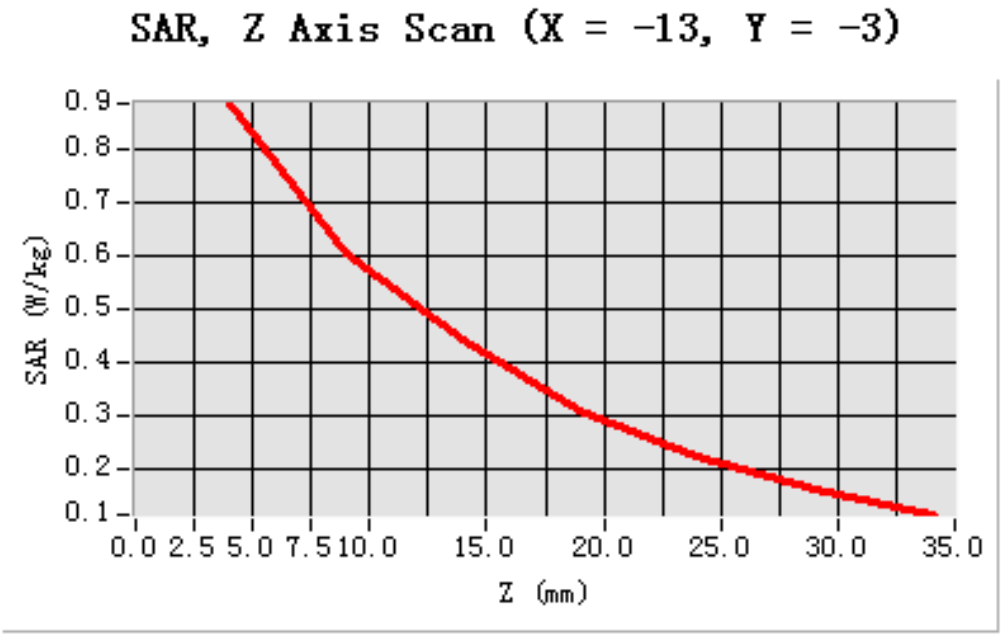
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

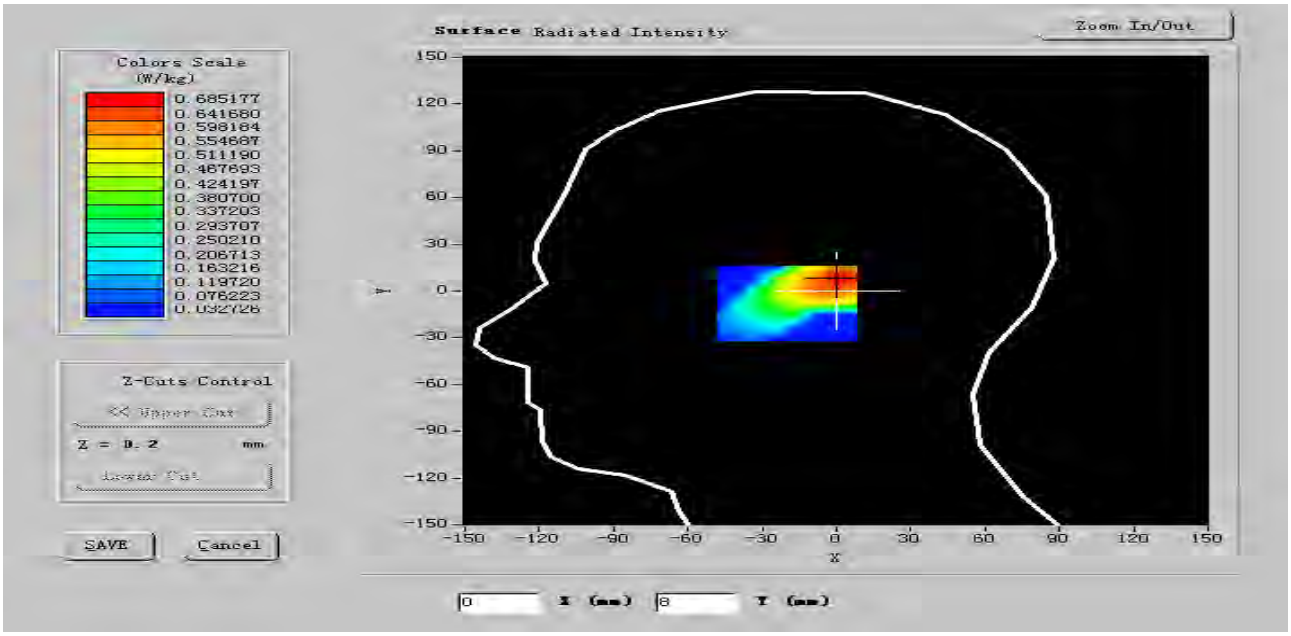
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

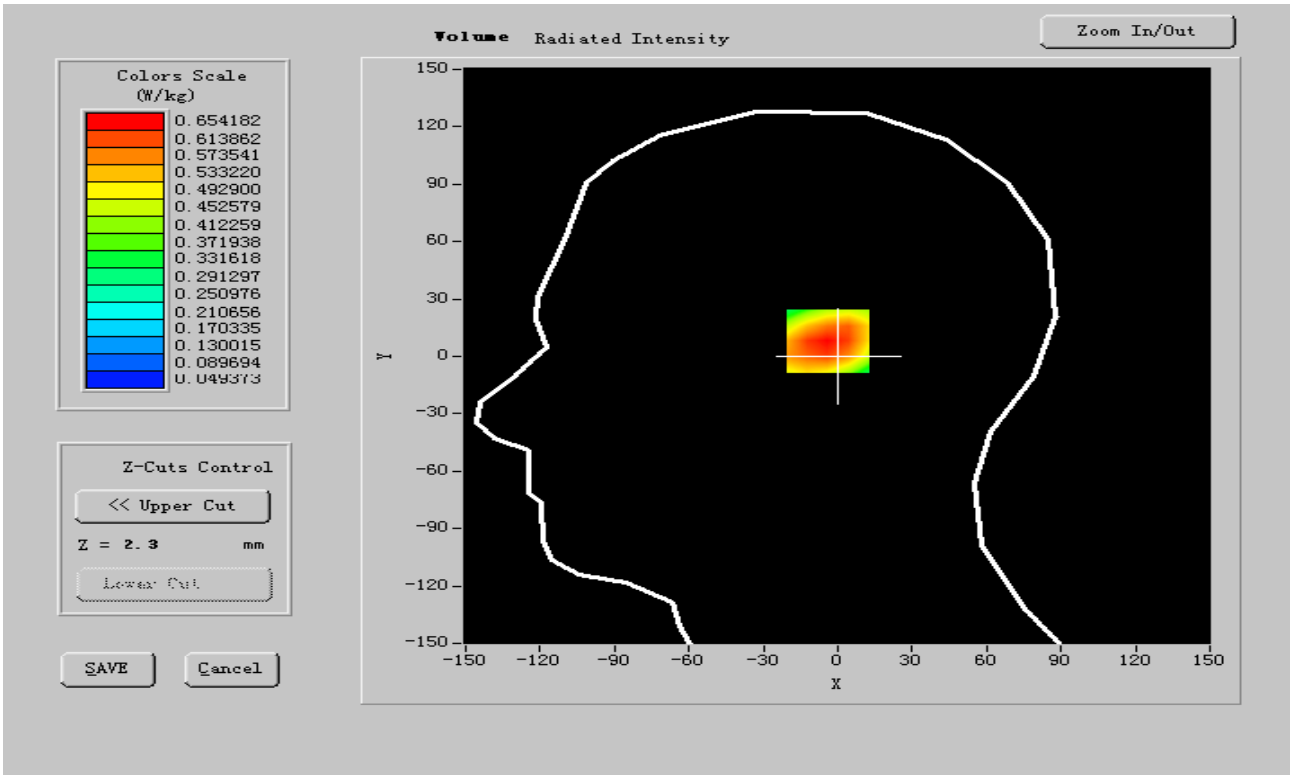
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.411368**
Relative permitivity (imaginary part)	**13.348910**
Conductivity (S/m)	**1.856671**
Variation (%)	**-0.300000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



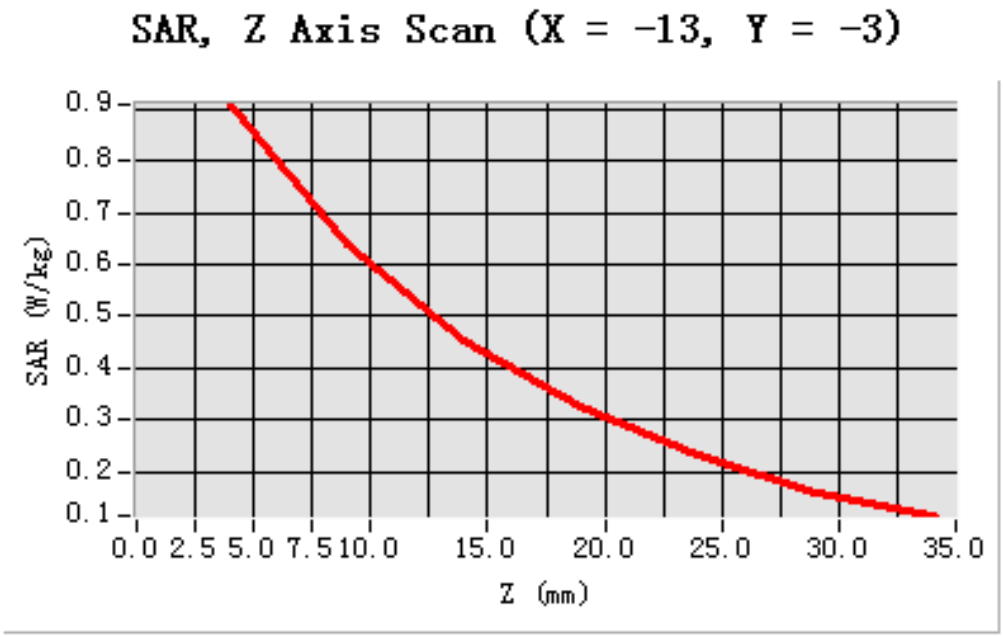
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

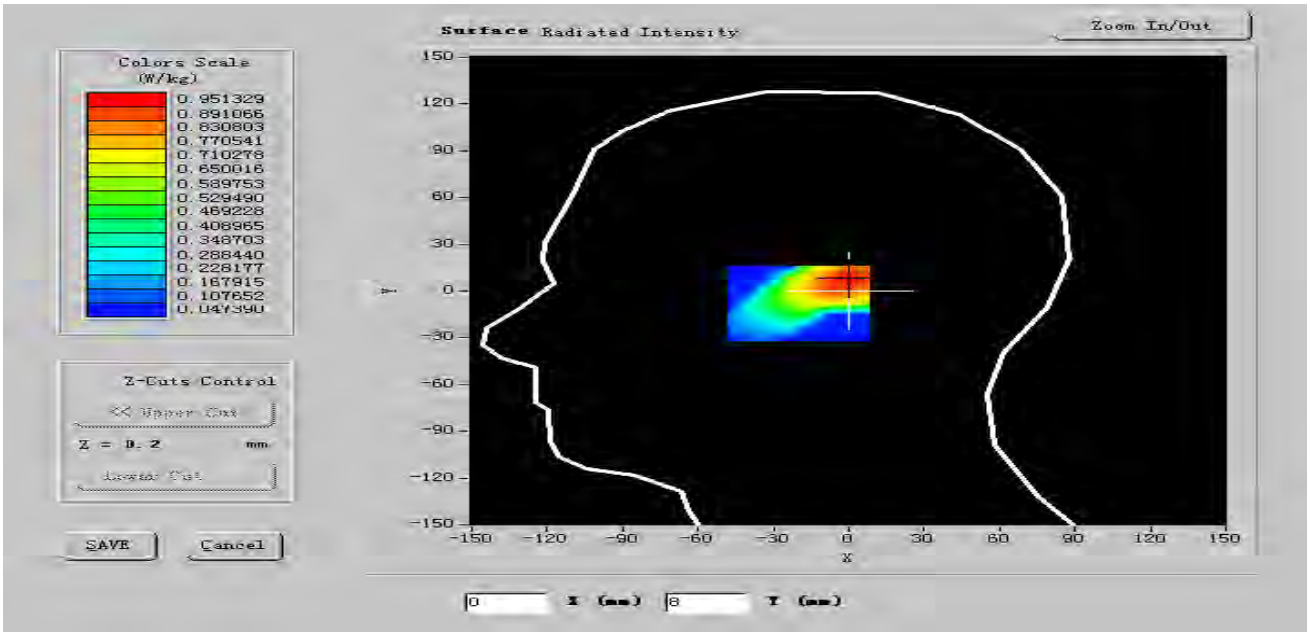
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

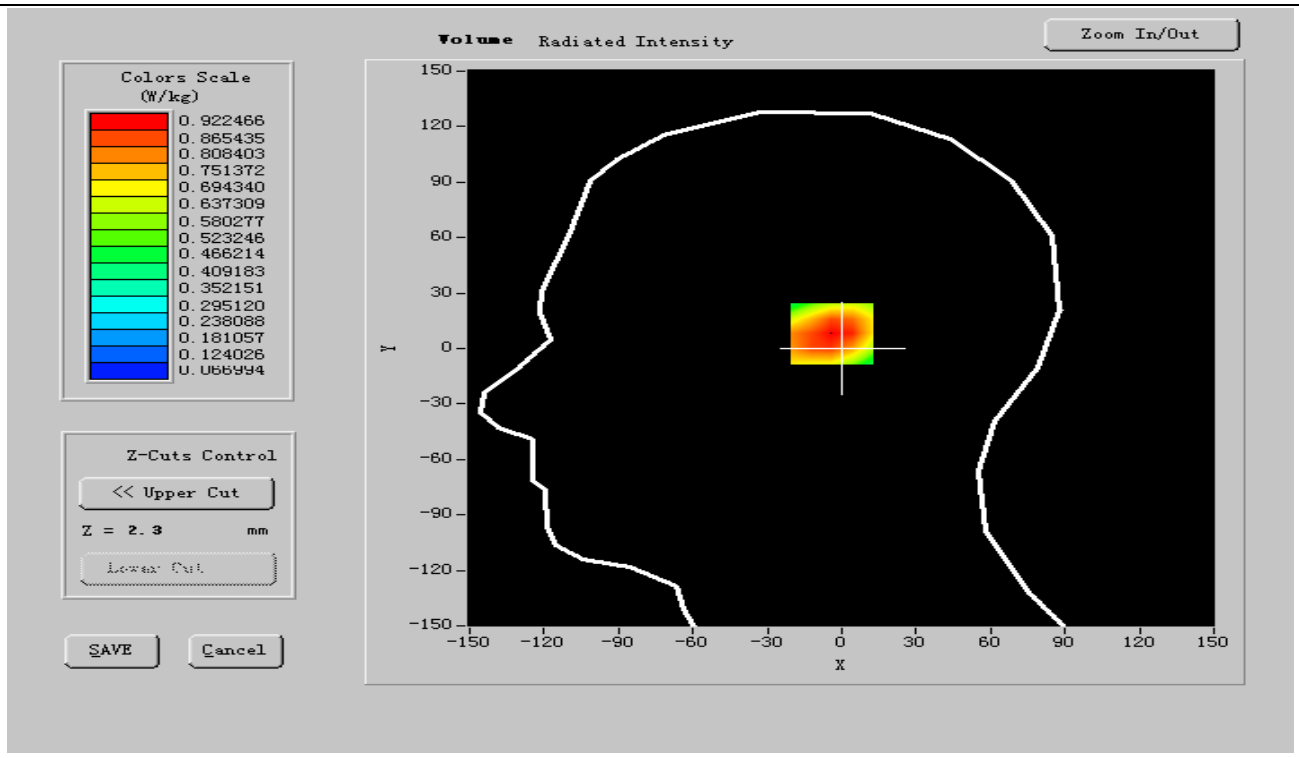
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.413362**
Relative permitivity (imaginary part)	**13.350612**
Conductivity (S/m)	**1.858677**
Variation (%)	**-0.300000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**51.18,53.87,70.48**

Crest factor:	1:1

SURFACE SAR



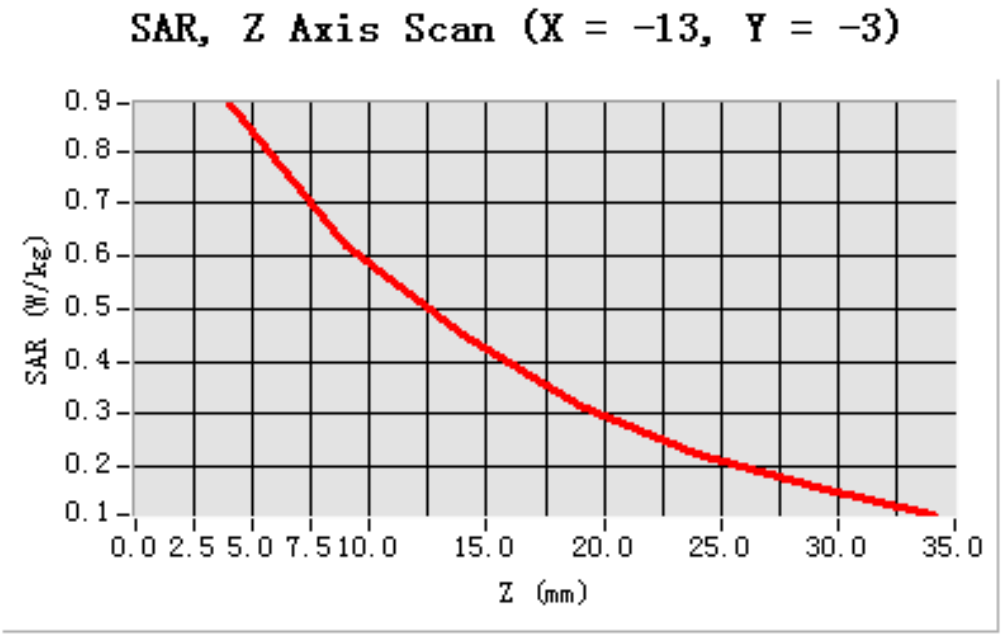
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

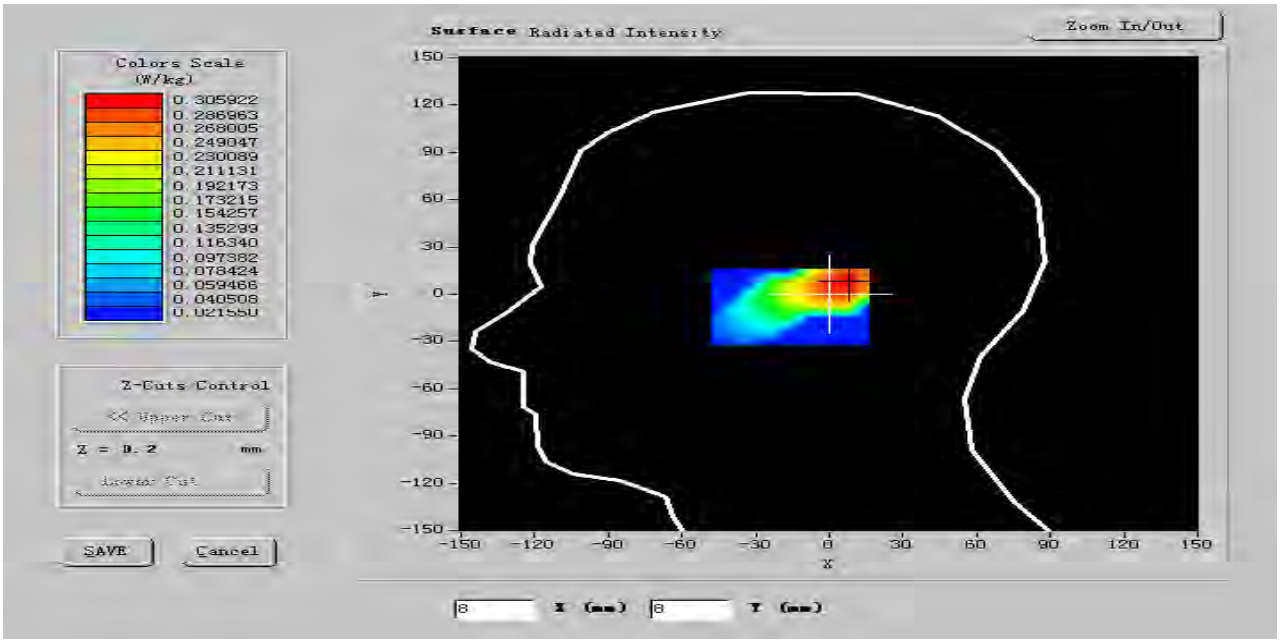
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

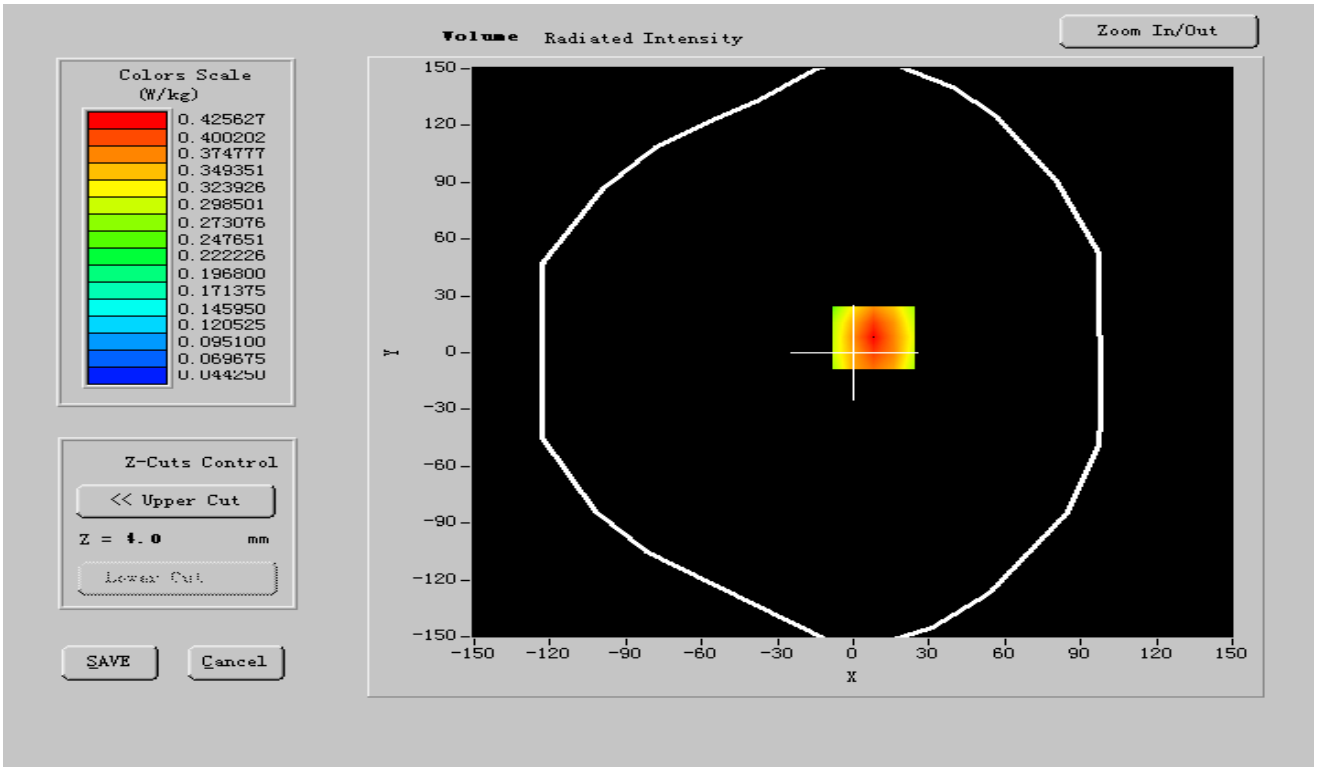
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**40.413006**
Relative permitivity (imaginary part)	**13.299880**
Conductivity (S/m)	**1.86024**
Variation (%)	**-1.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



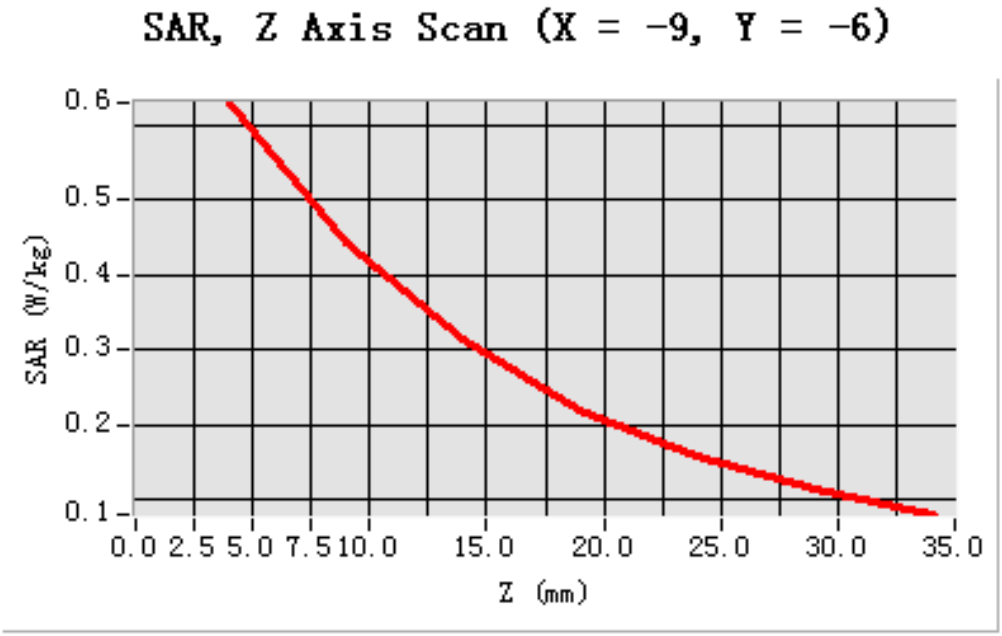
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

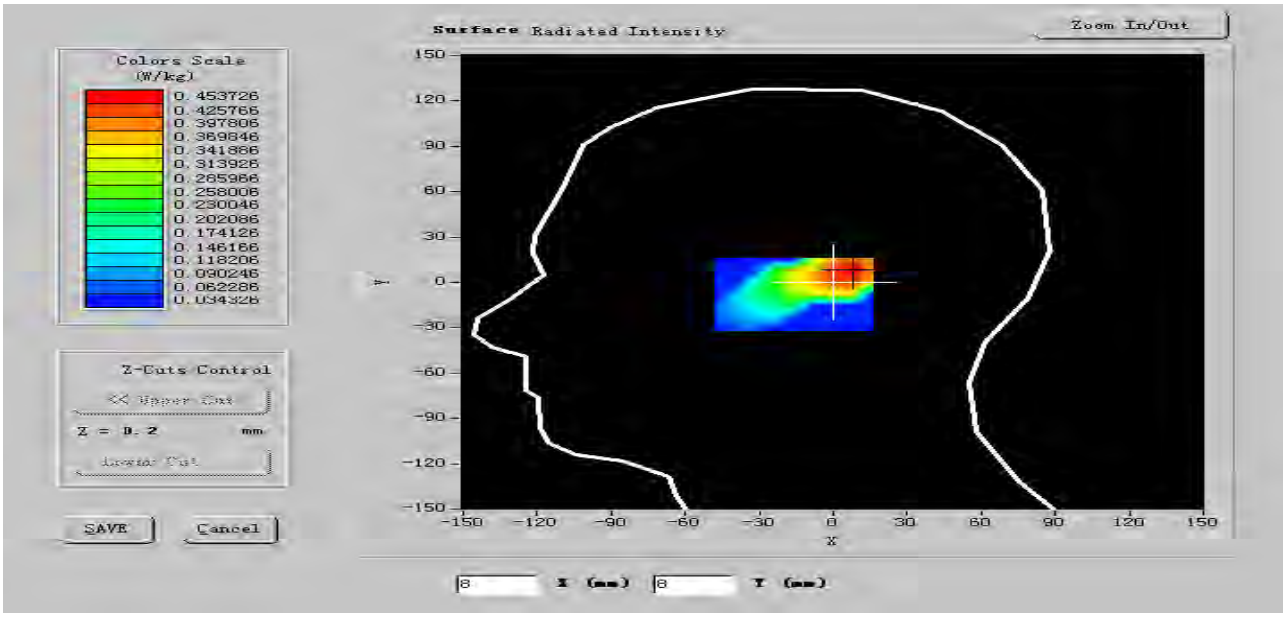
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

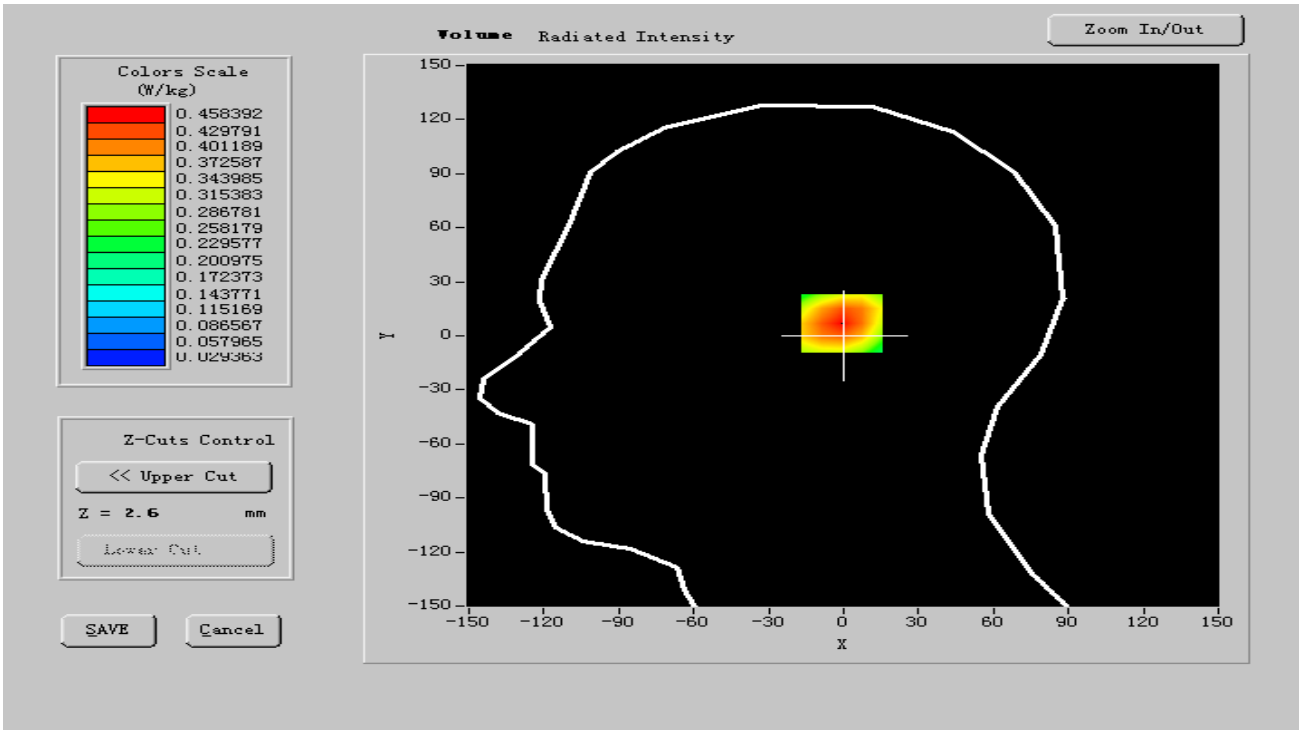
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.412031**
Relative permitivity (imaginary part)	**13.346801**
Conductivity (S/m)	**1.860344**
Variation (%)	**-0.450000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	**51.18,53.87,70.48**
Crest factor:	**1:1**

SURFACE SAR



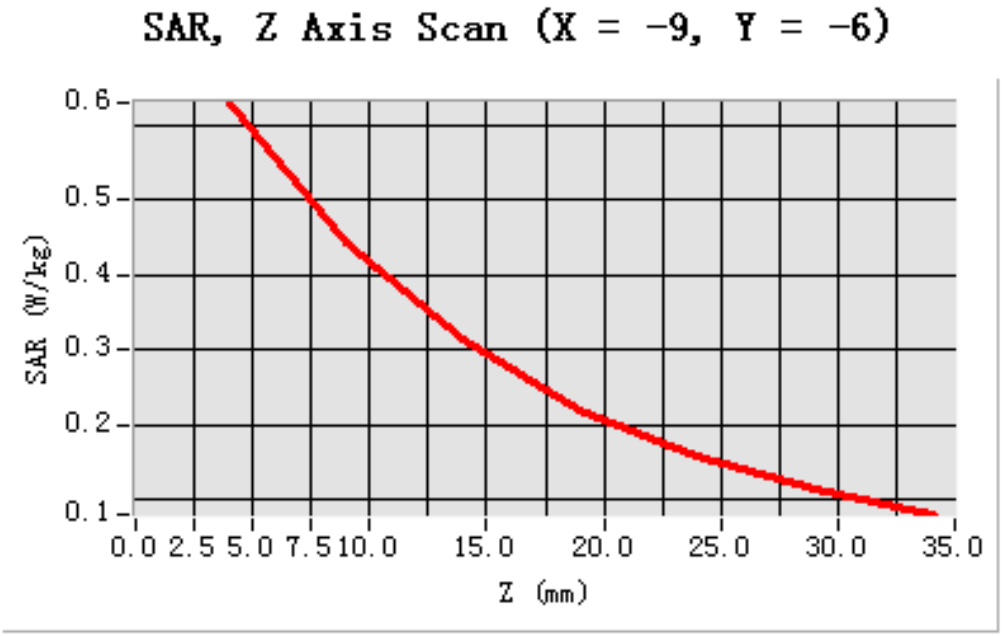
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

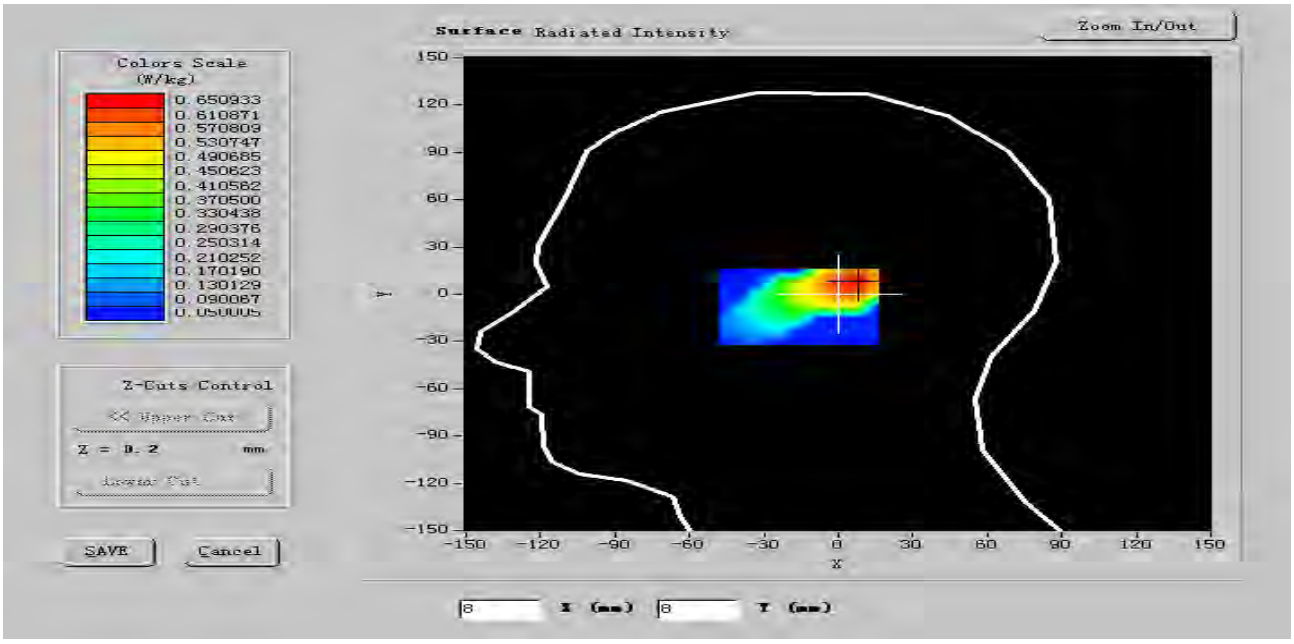
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

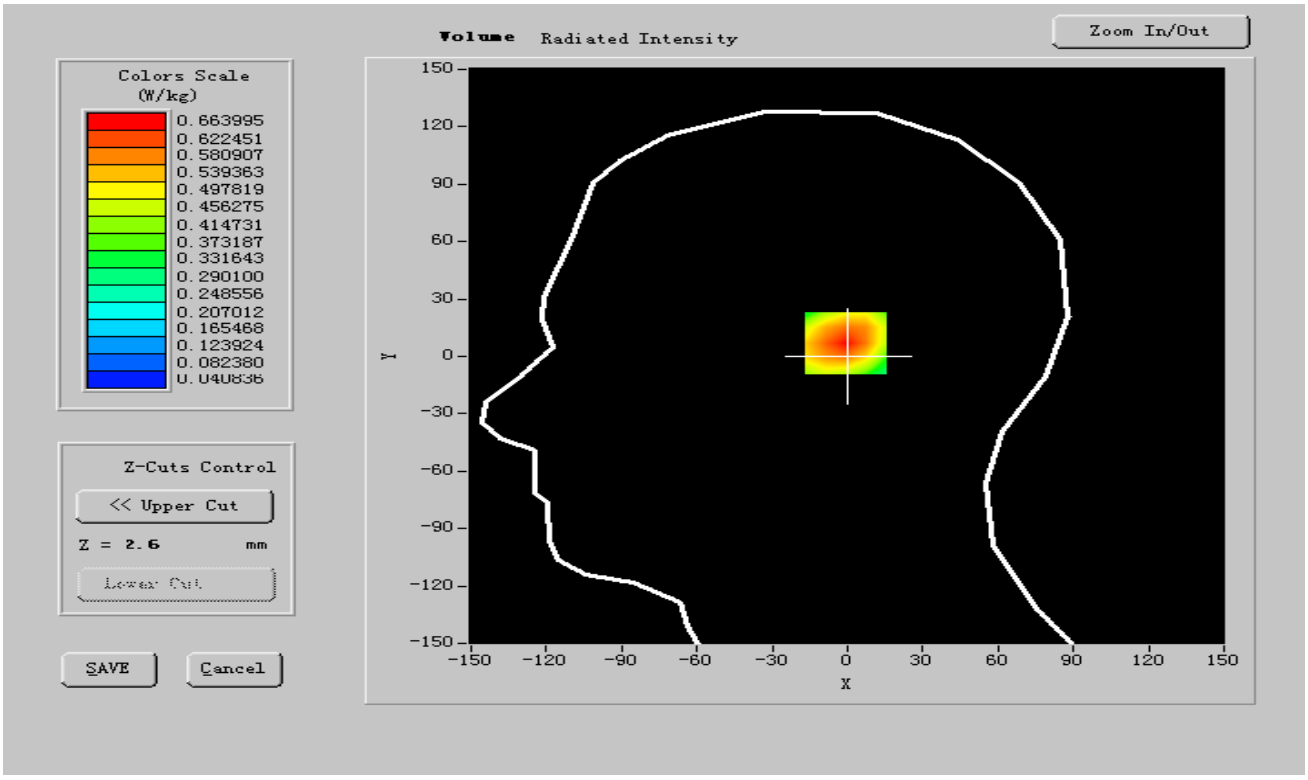
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.413000**
Relative permitivity (imaginary part)	**13.353144**
Conductivity (S/m)	**1.860050**
Variation (%)	**-1.500000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



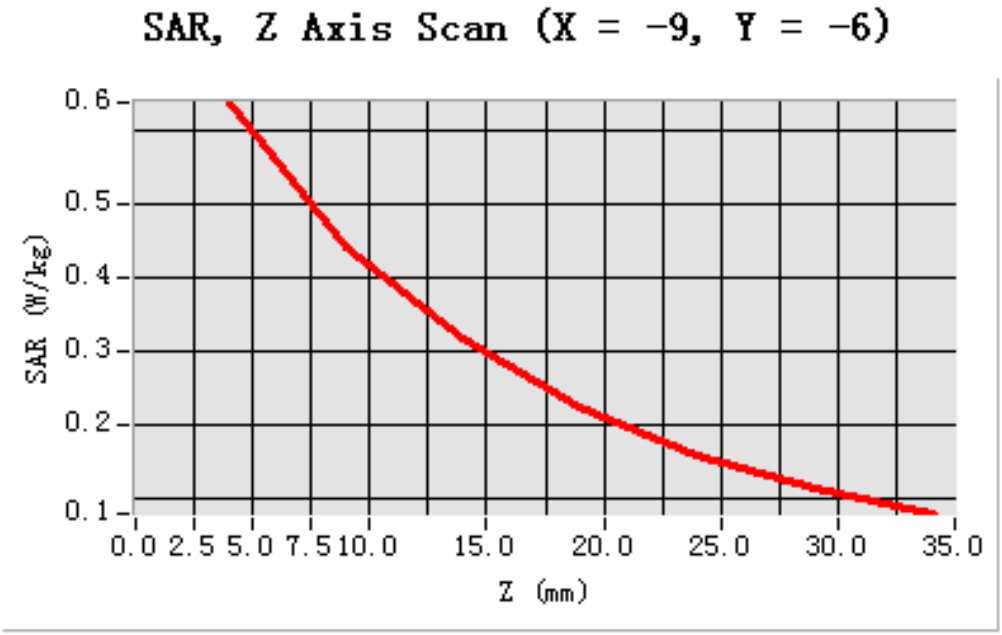
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

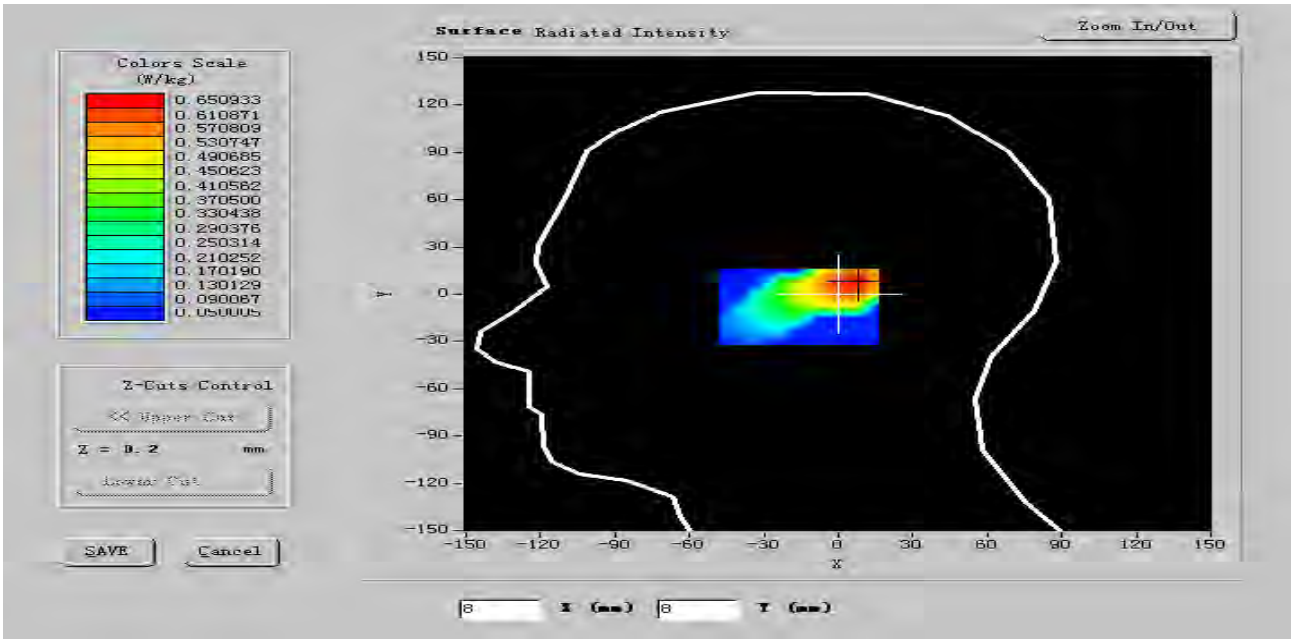
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

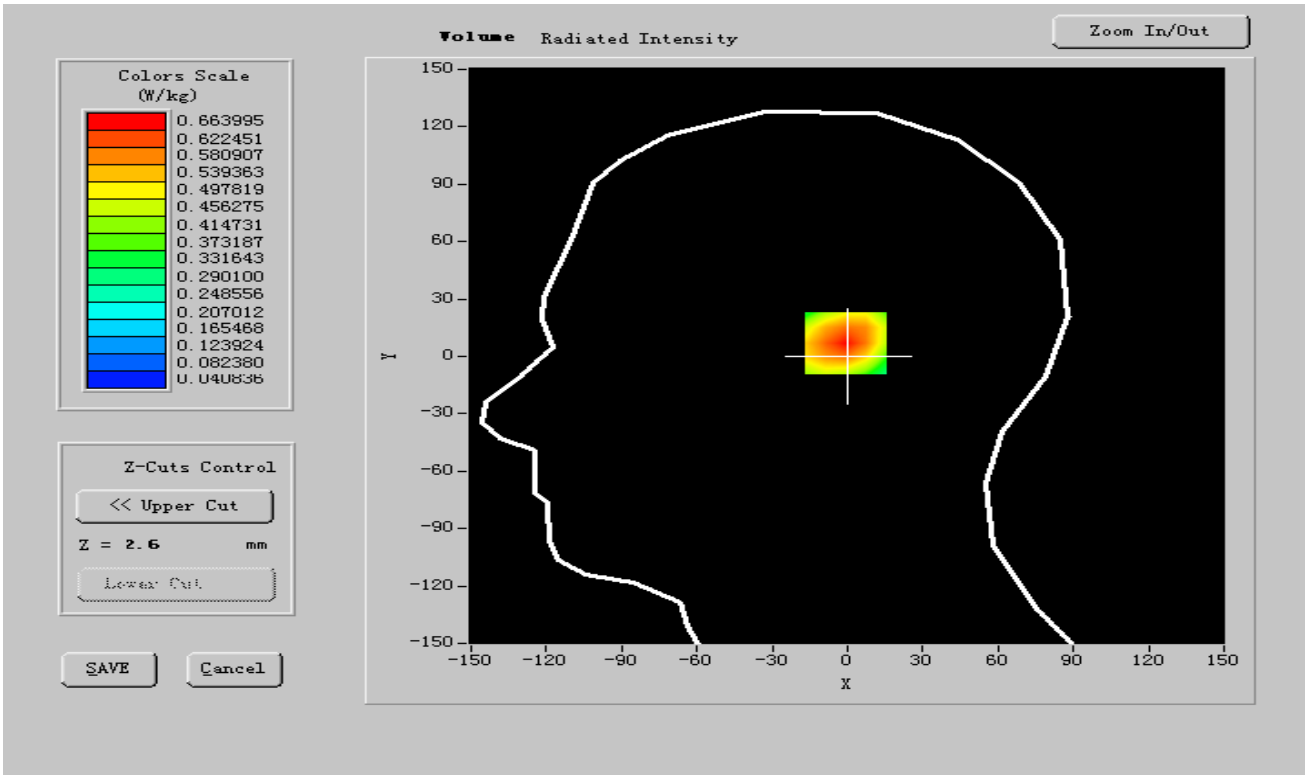
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**40.411885**
Relative permitivity (imaginary part)	**13.360125**
Conductivity (S/m)	**1.870004**
Variation (%)	**0.300000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	**51.18,53.87,70.48**
Crest factor:	**1:1**

SURFACE SAR



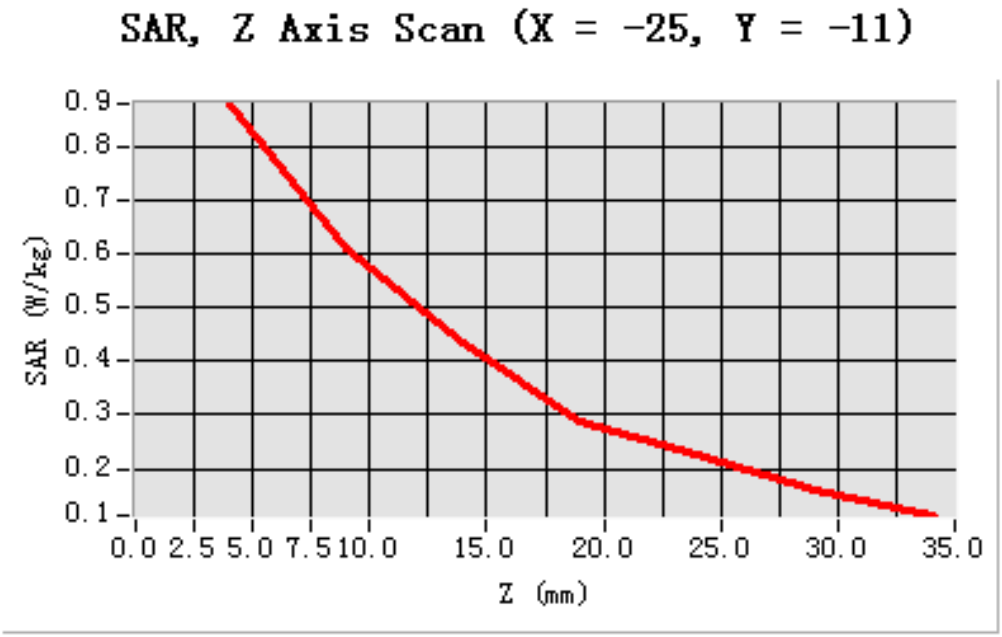
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

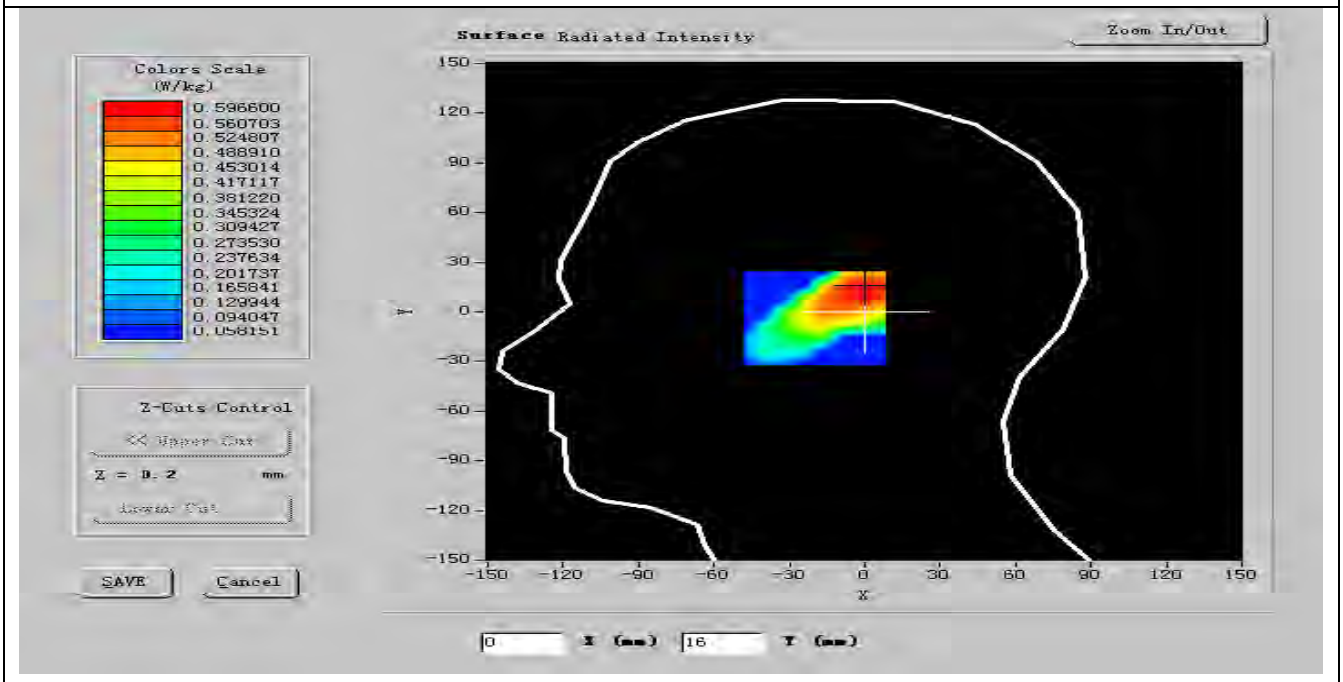
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

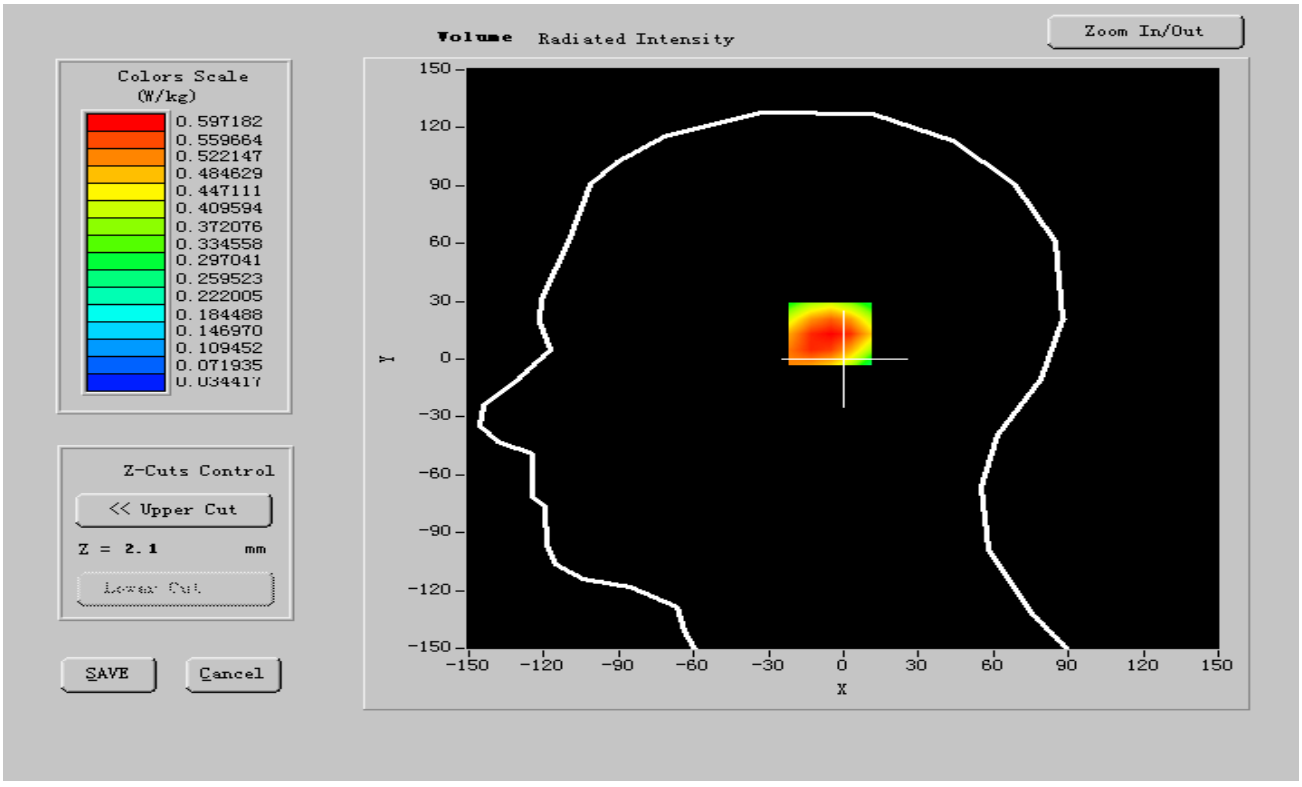
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.423570**
Relative permitivity (imaginary part)	**13.361181**
Conductivity (S/m)	**1.853301**
Variation (%)	**1.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



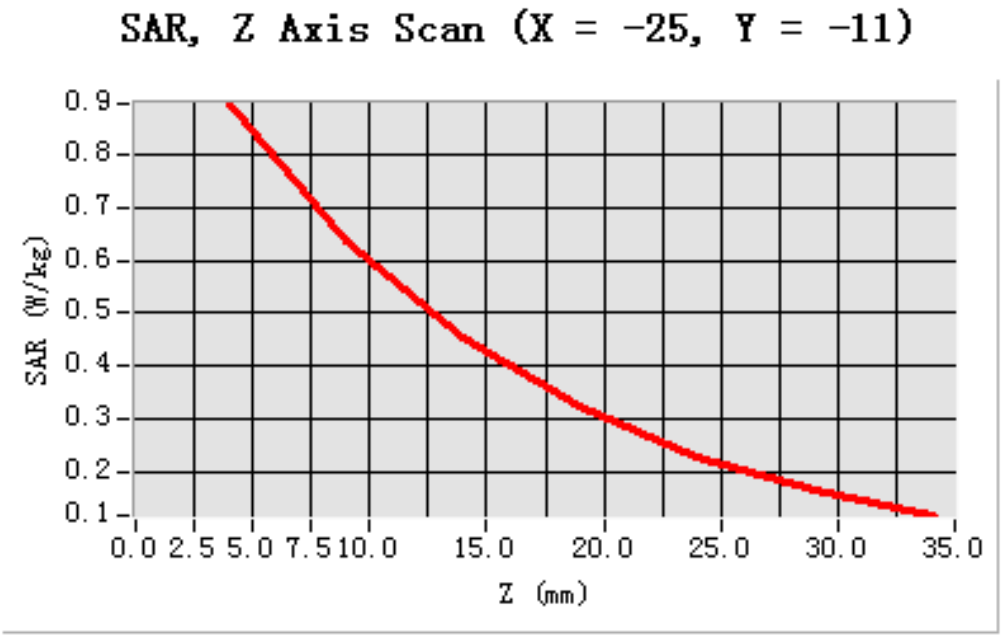
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

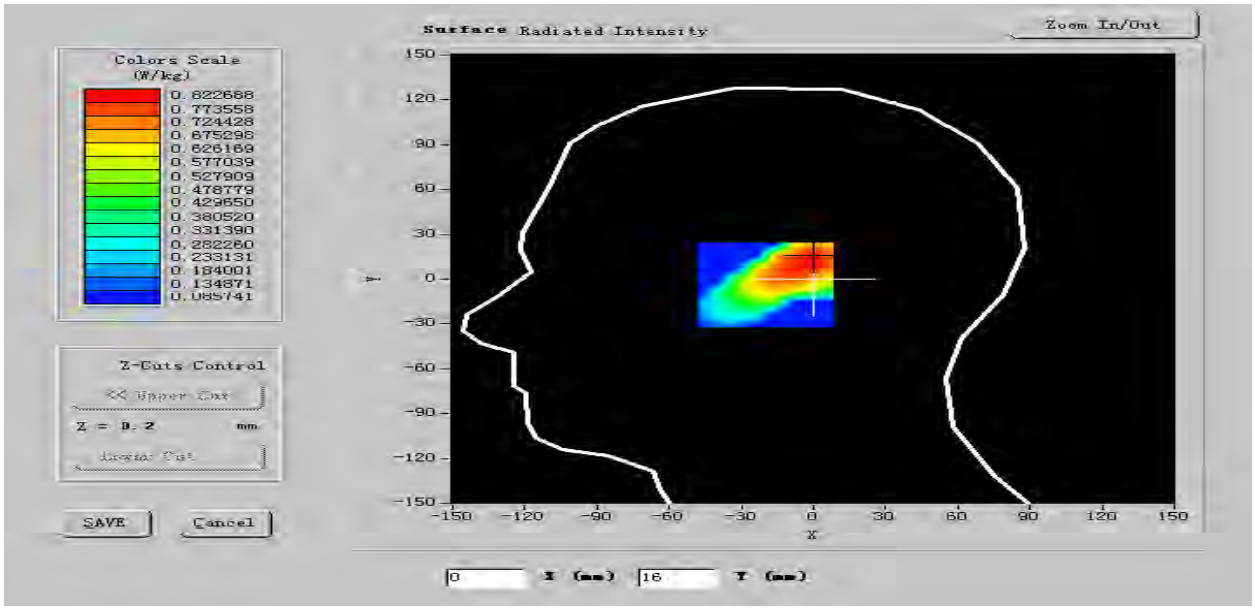
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

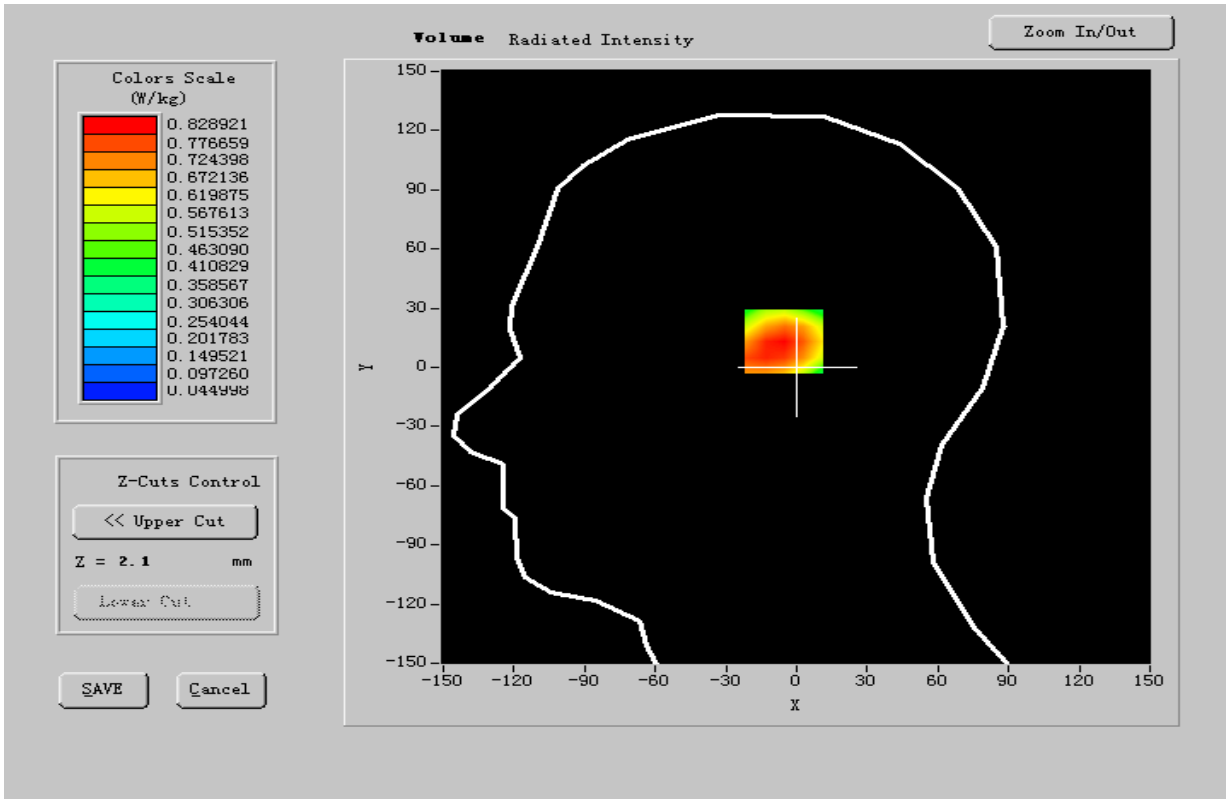
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.216348**
Relative permitivity (imaginary part)	**13.369120**
Conductivity (S/m)	**1.856720**
Variation (%)	**0.500000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



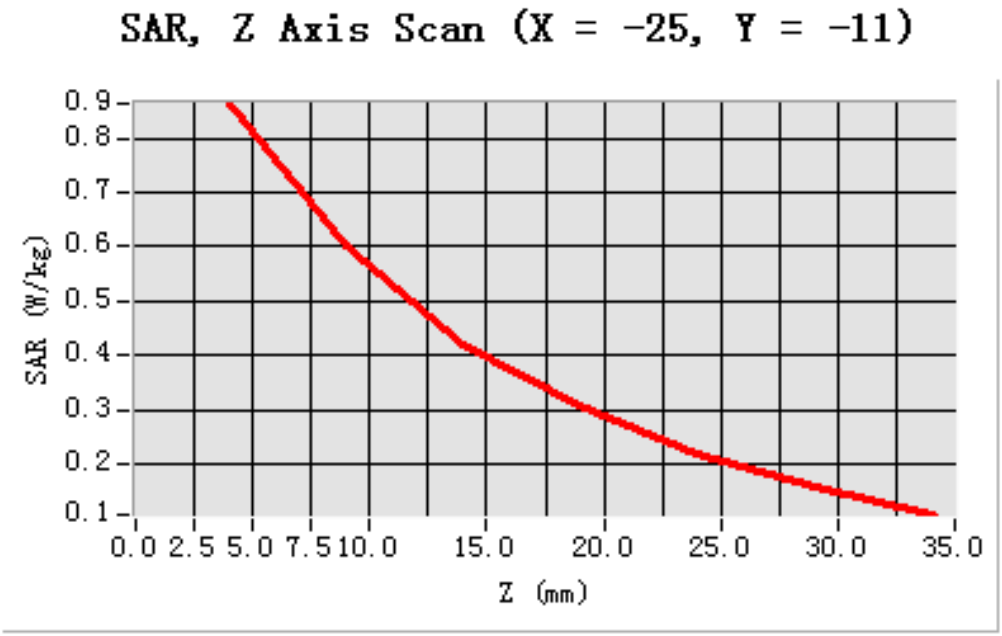
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

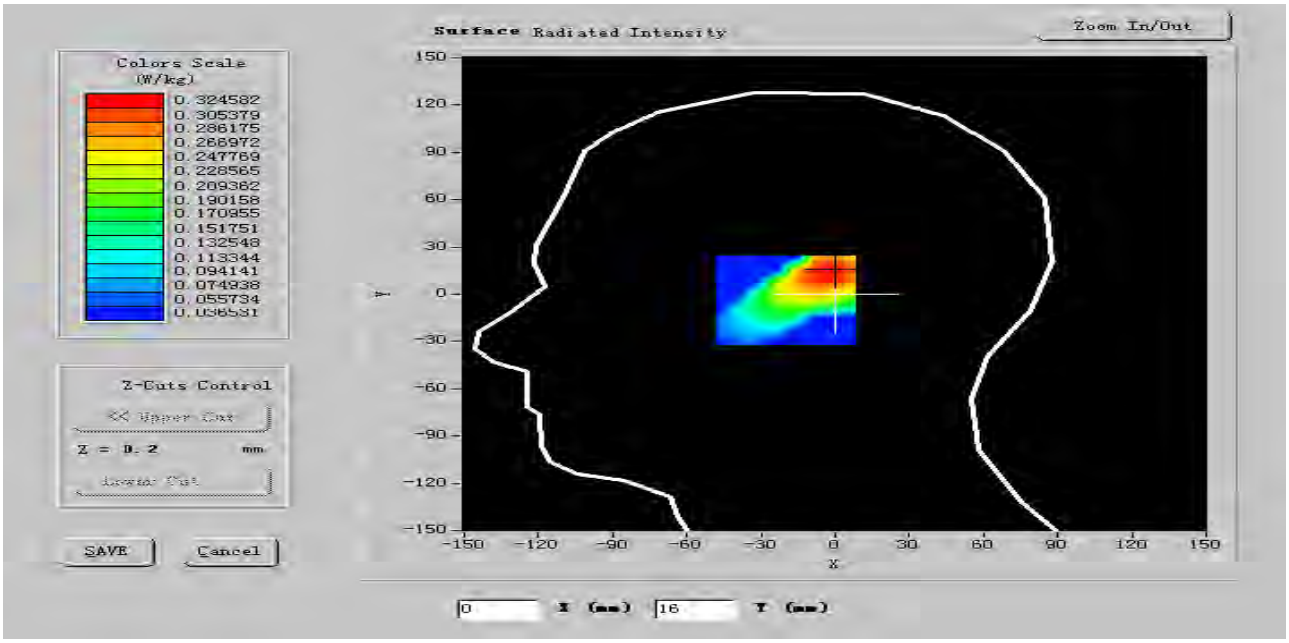
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

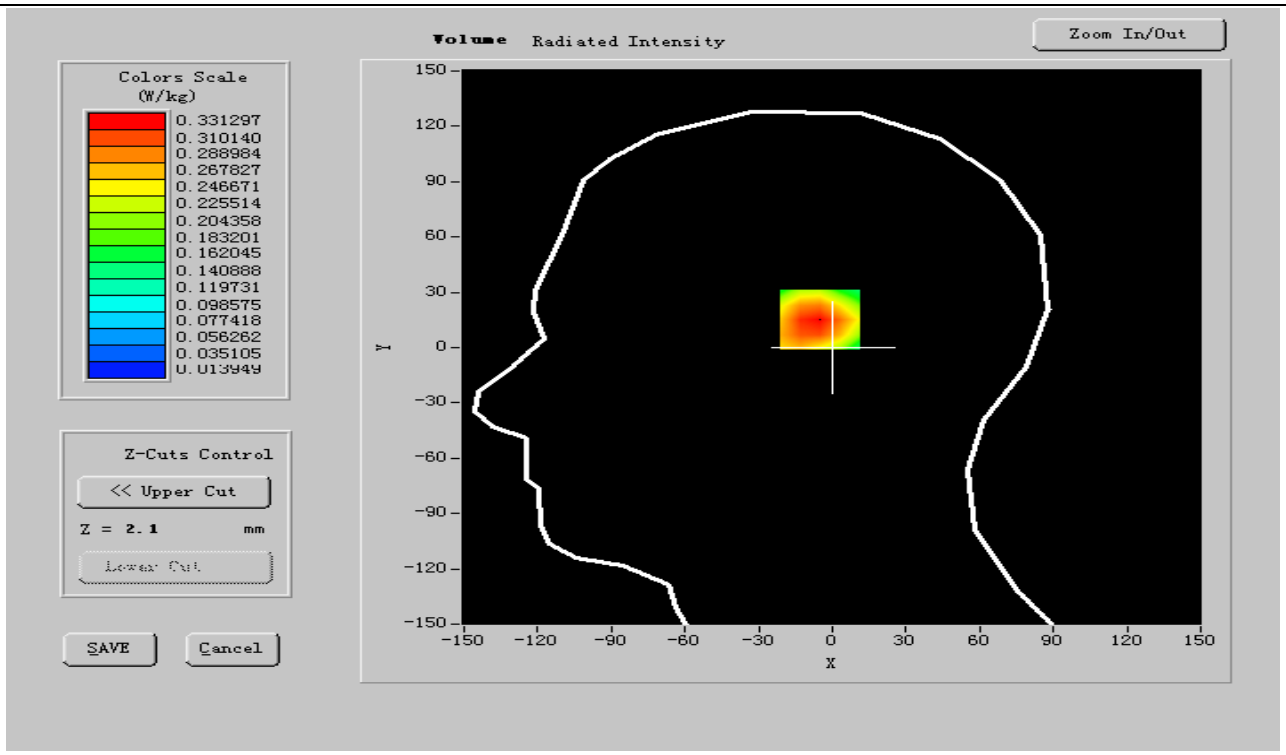
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**40.411584**
Relative permitivity (imaginary part)	**13.360591**
Conductivity (S/m)	**1.858466**
Variation (%)	**-0.600000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



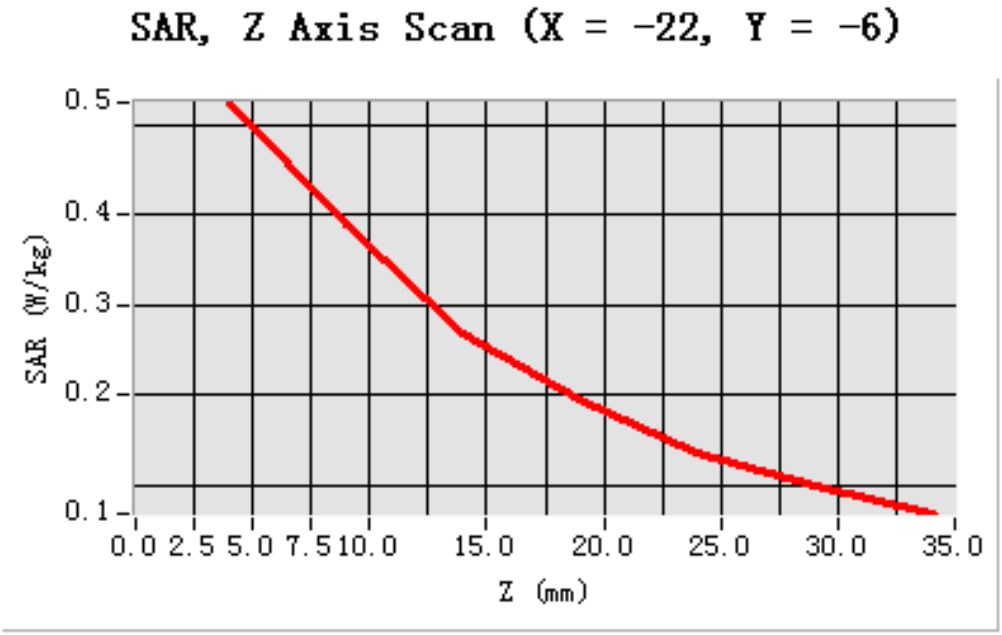
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

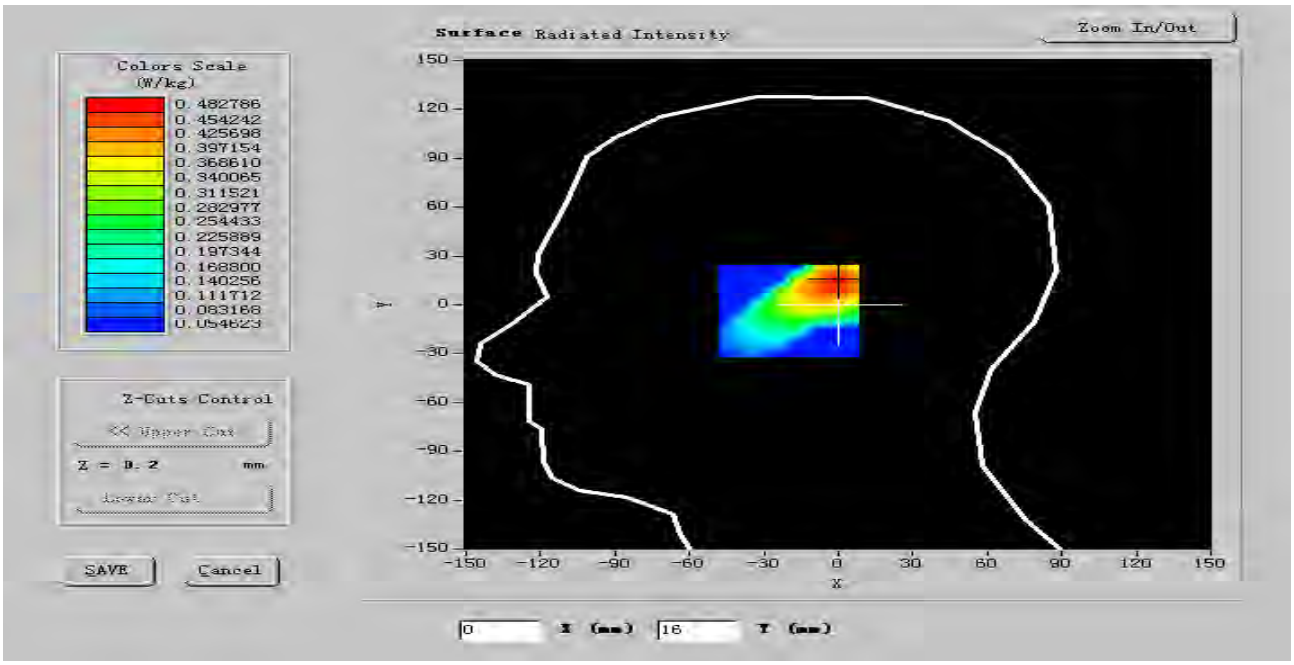
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

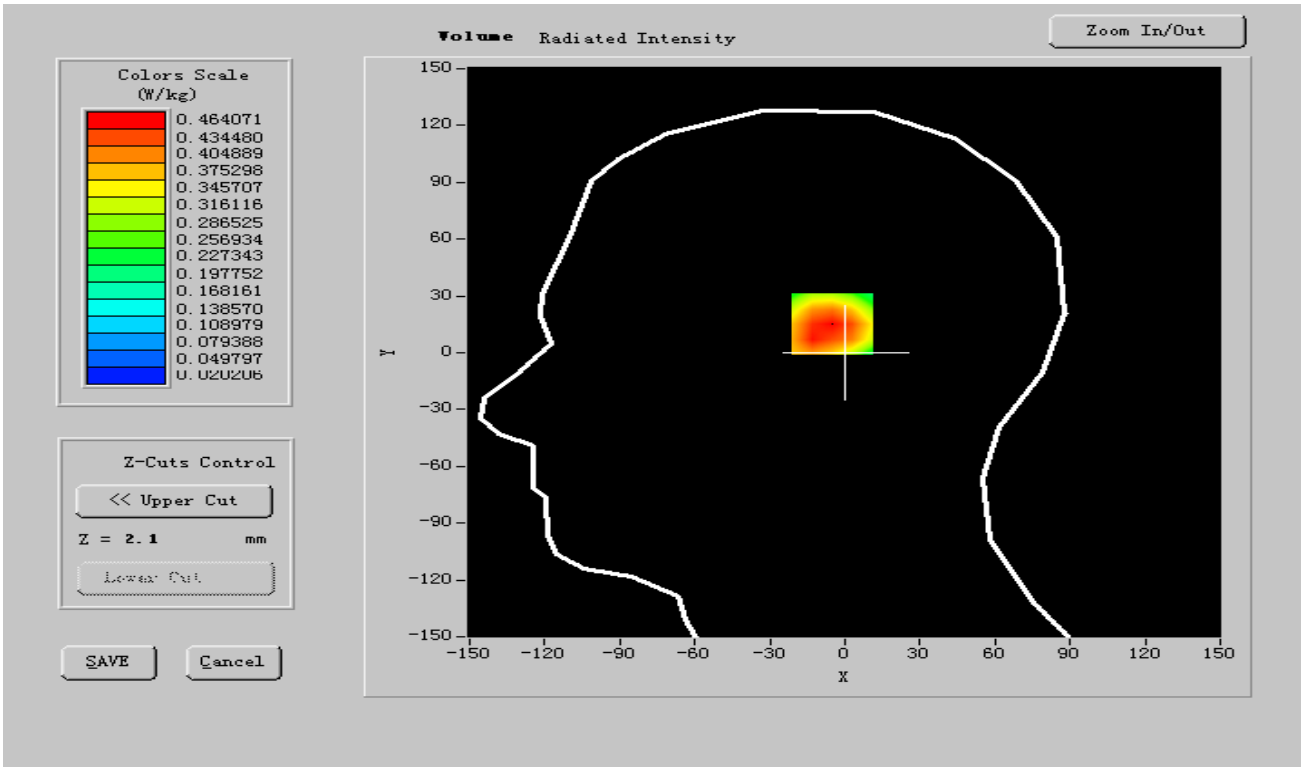
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.410335**
Relative permitivity (imaginary part)	**13.299614**
Conductivity (S/m)	**1.856470**
Variation (%)	**-1.200000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



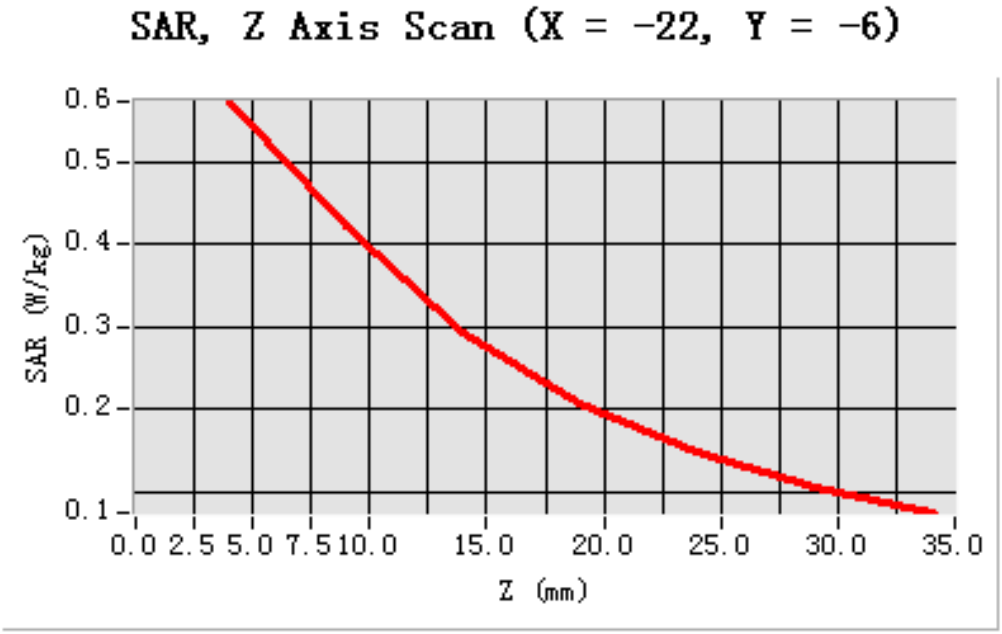
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

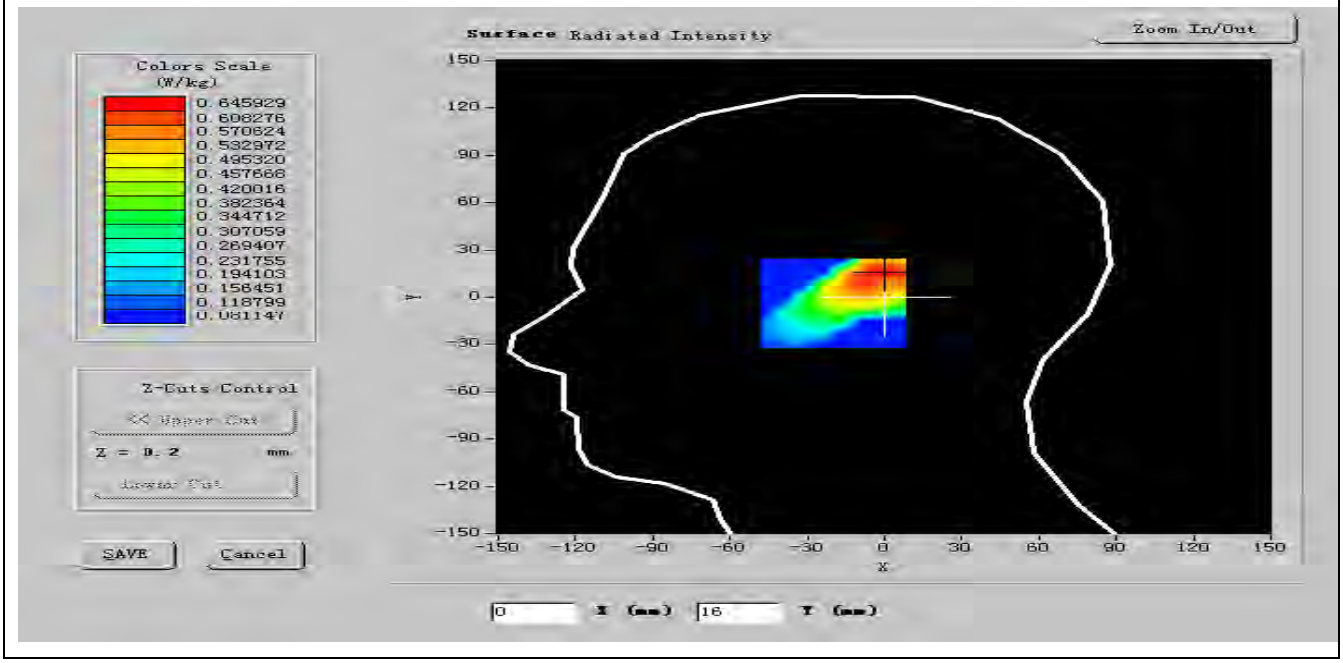
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

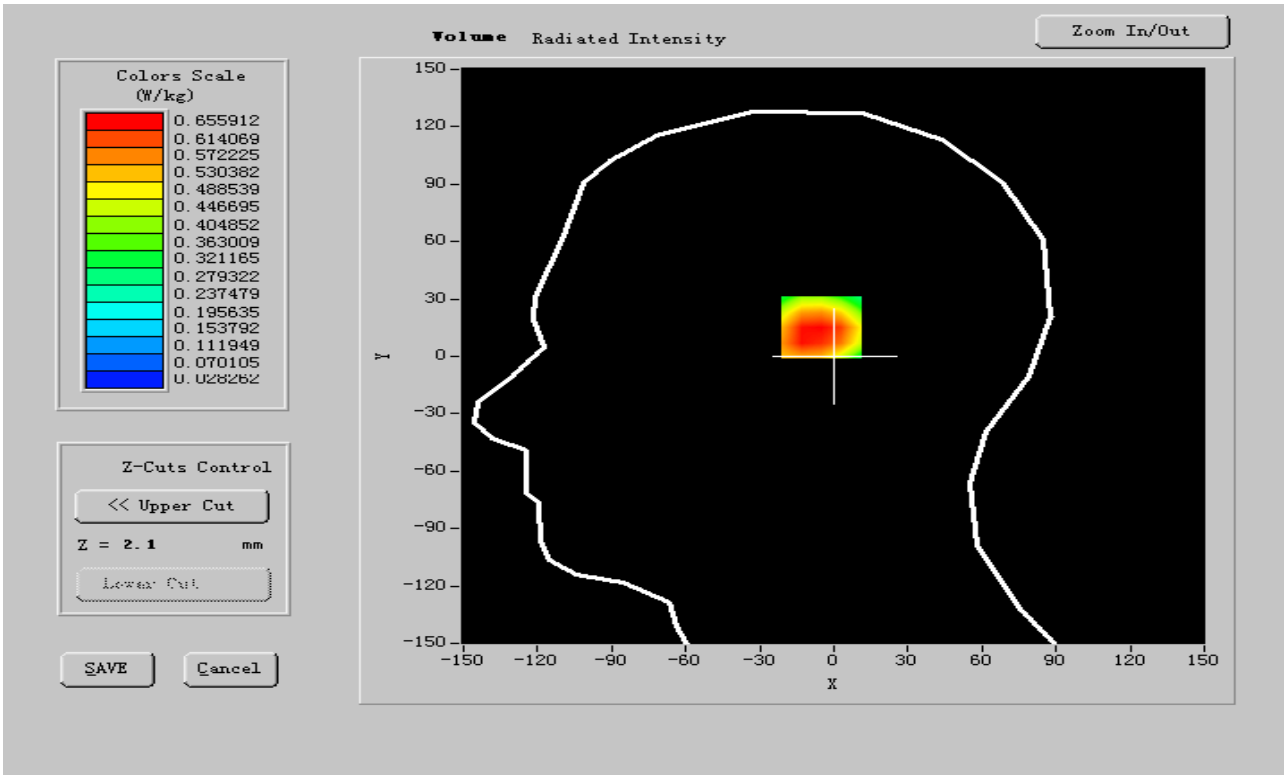
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.425301**
Relative permitivity (imaginary part)	**13.368611**
Conductivity (S/m)	**1.854470**
Variation (%)	**-1.140000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



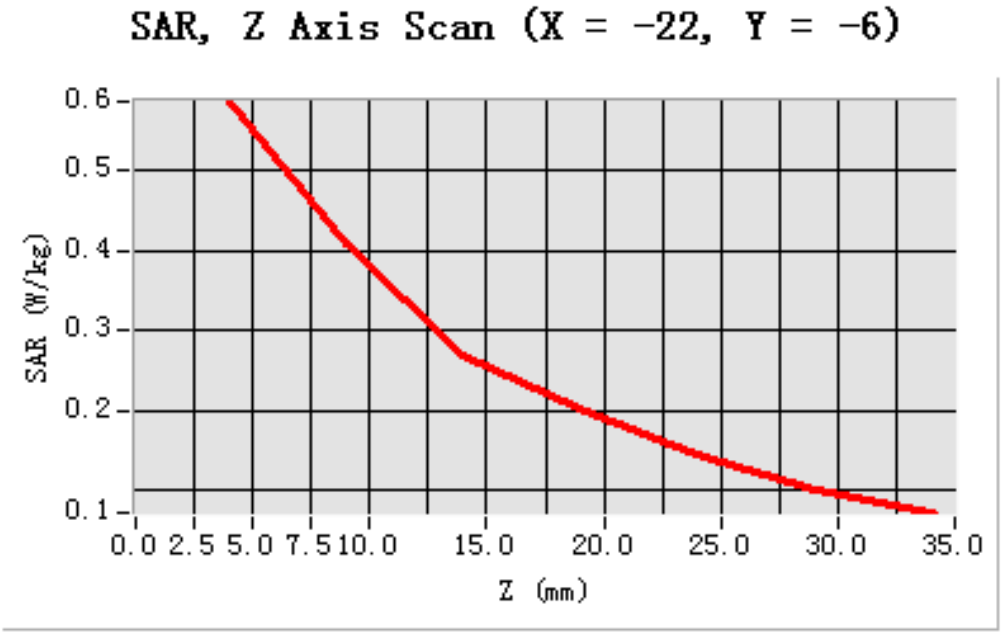
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

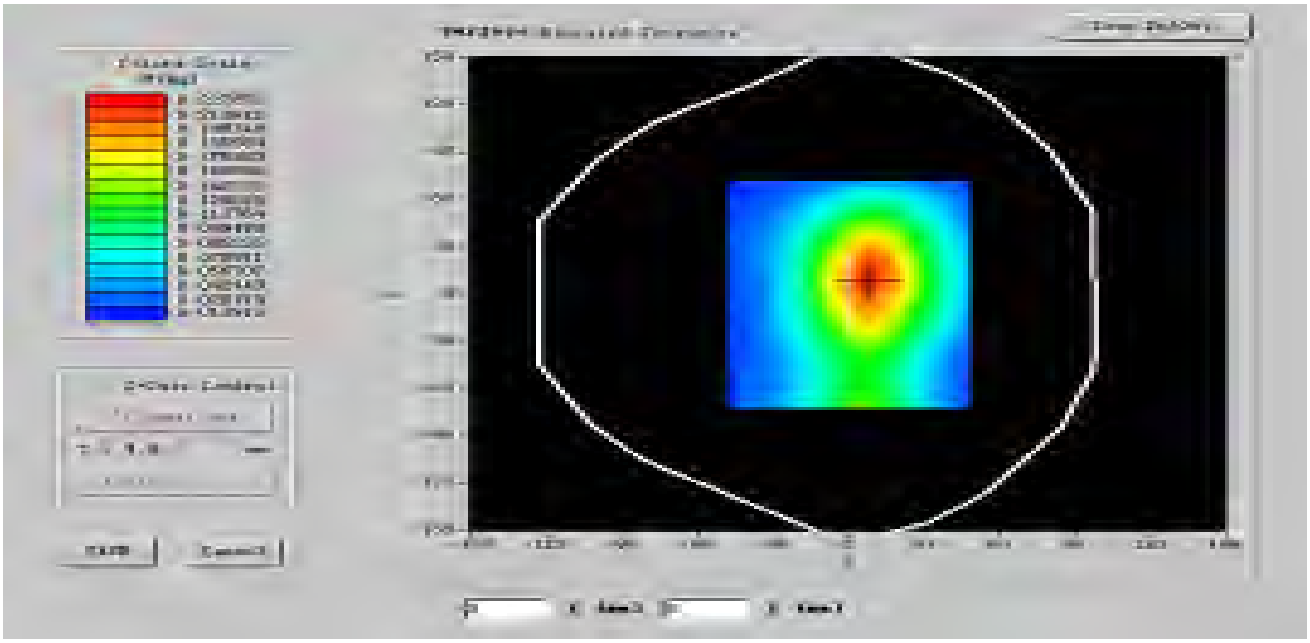
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

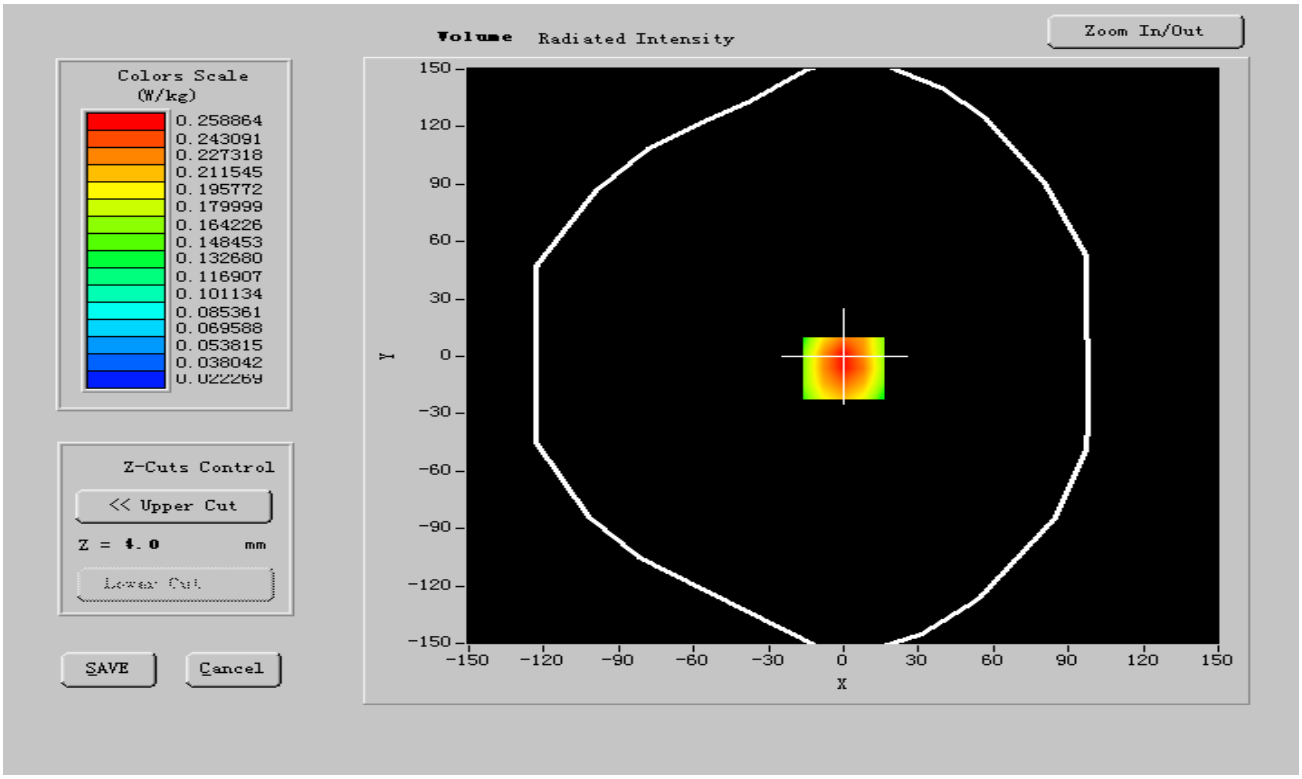
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**51.520064**
Relative permitivity (imaginary part)	**13.370061**
Conductivity (S/m)	**1.965014**
Variation (%)	**-0.130000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



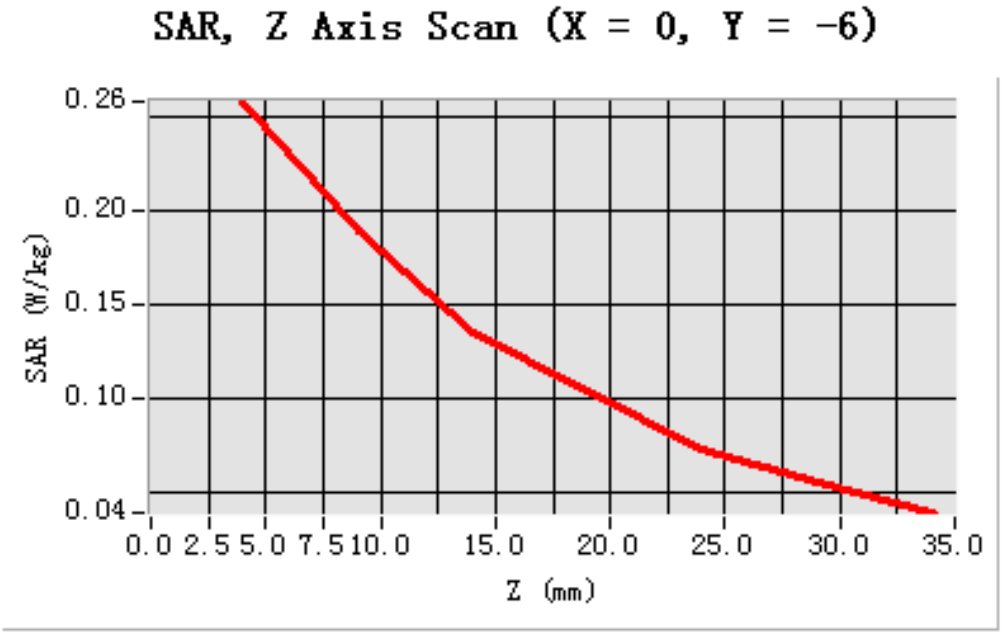
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

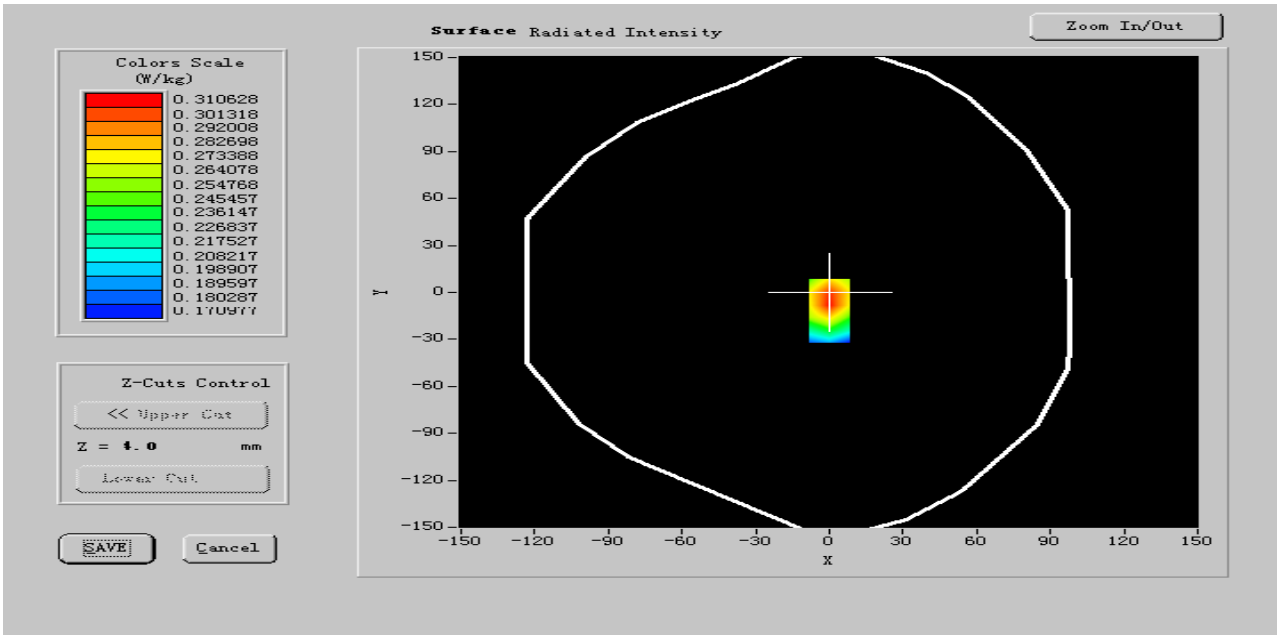
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

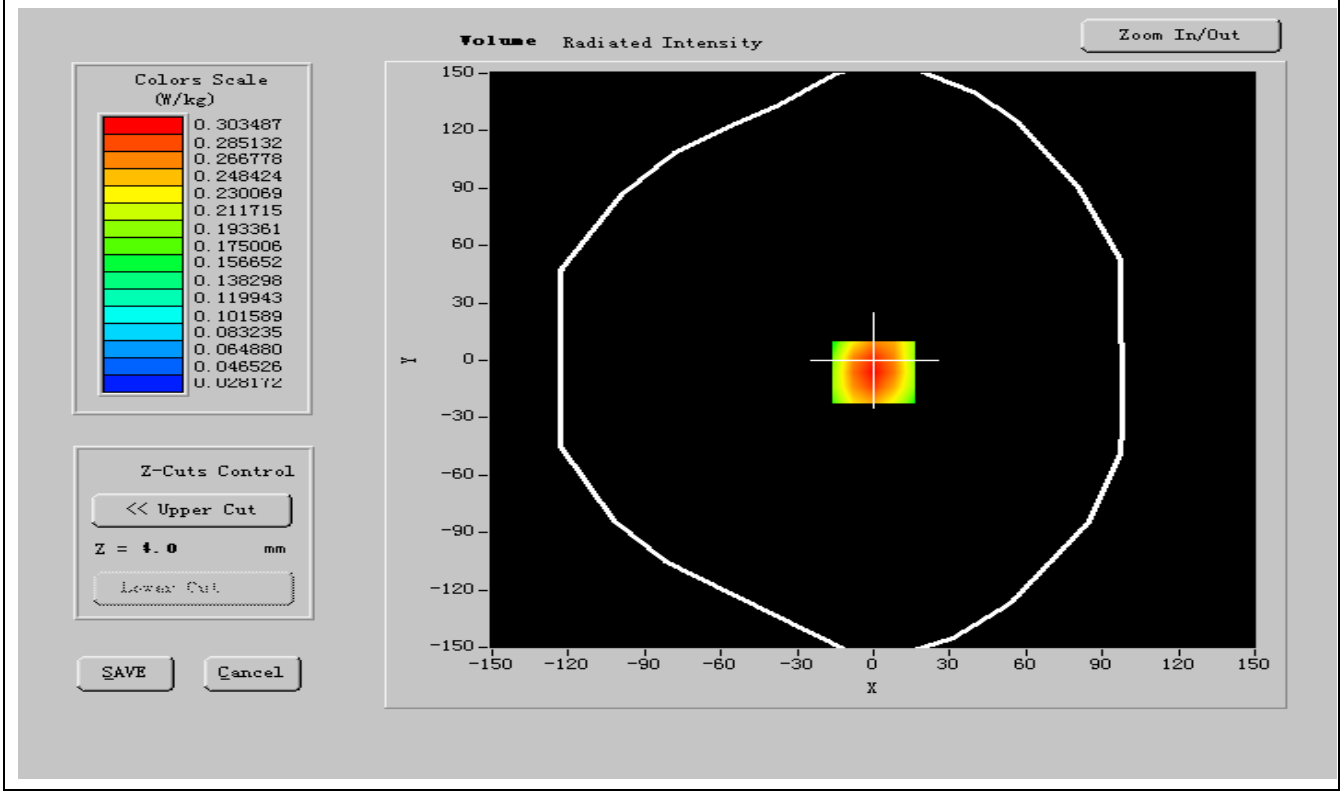
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**51.530000**
Relative permitivity (imaginary part)	**13.400011**
Conductivity (S/m)	**1.960210**
Variation (%)	**-0.600000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



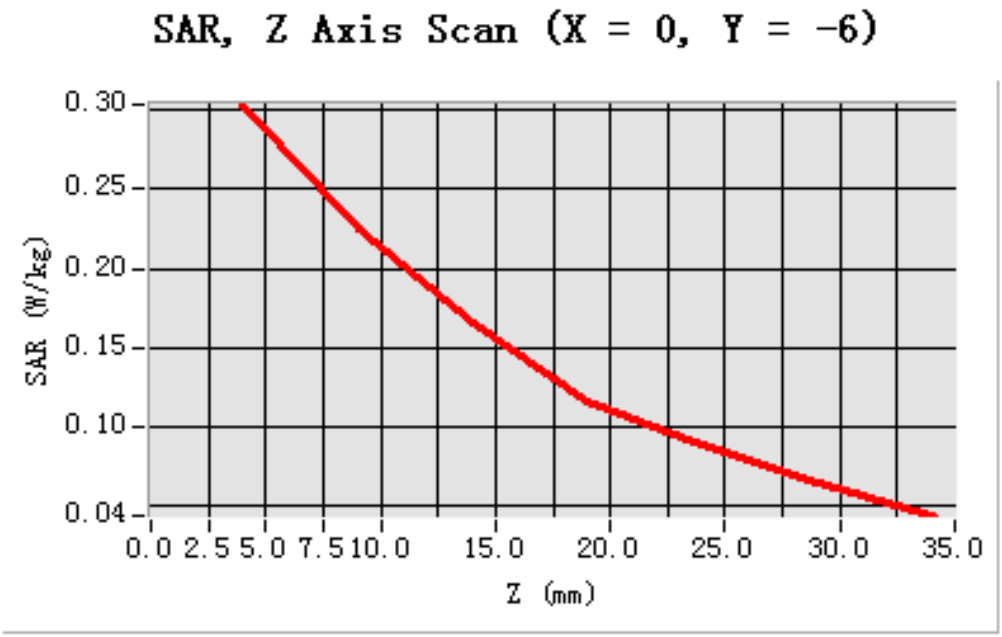
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

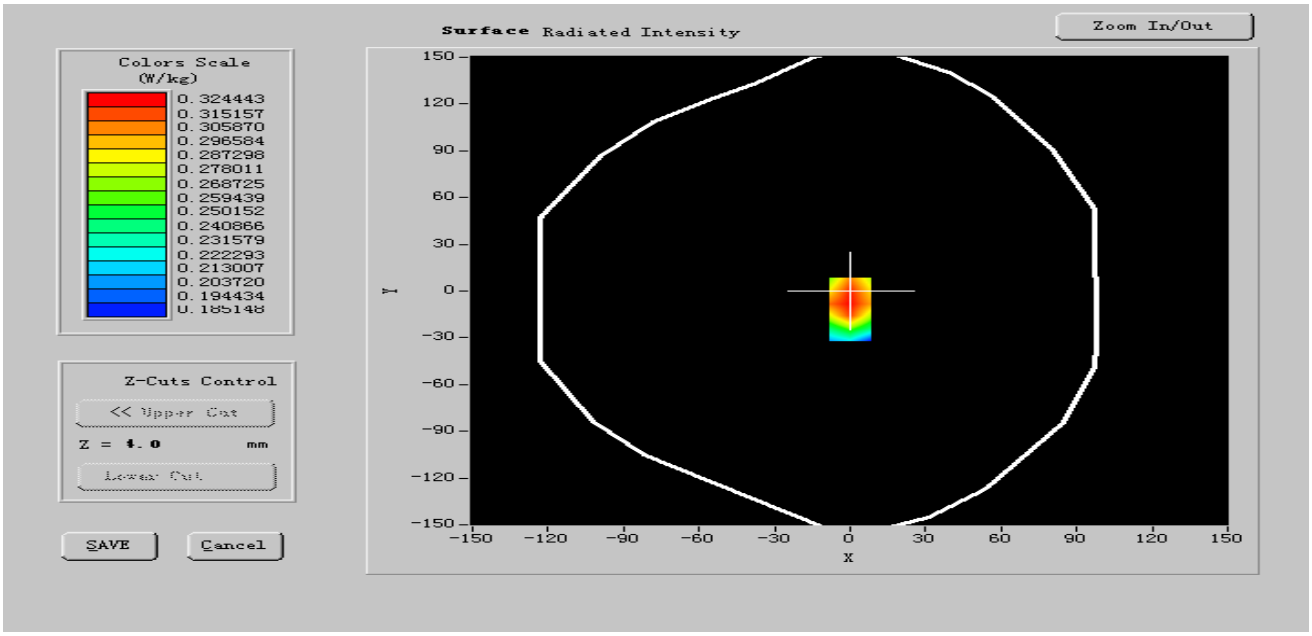
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

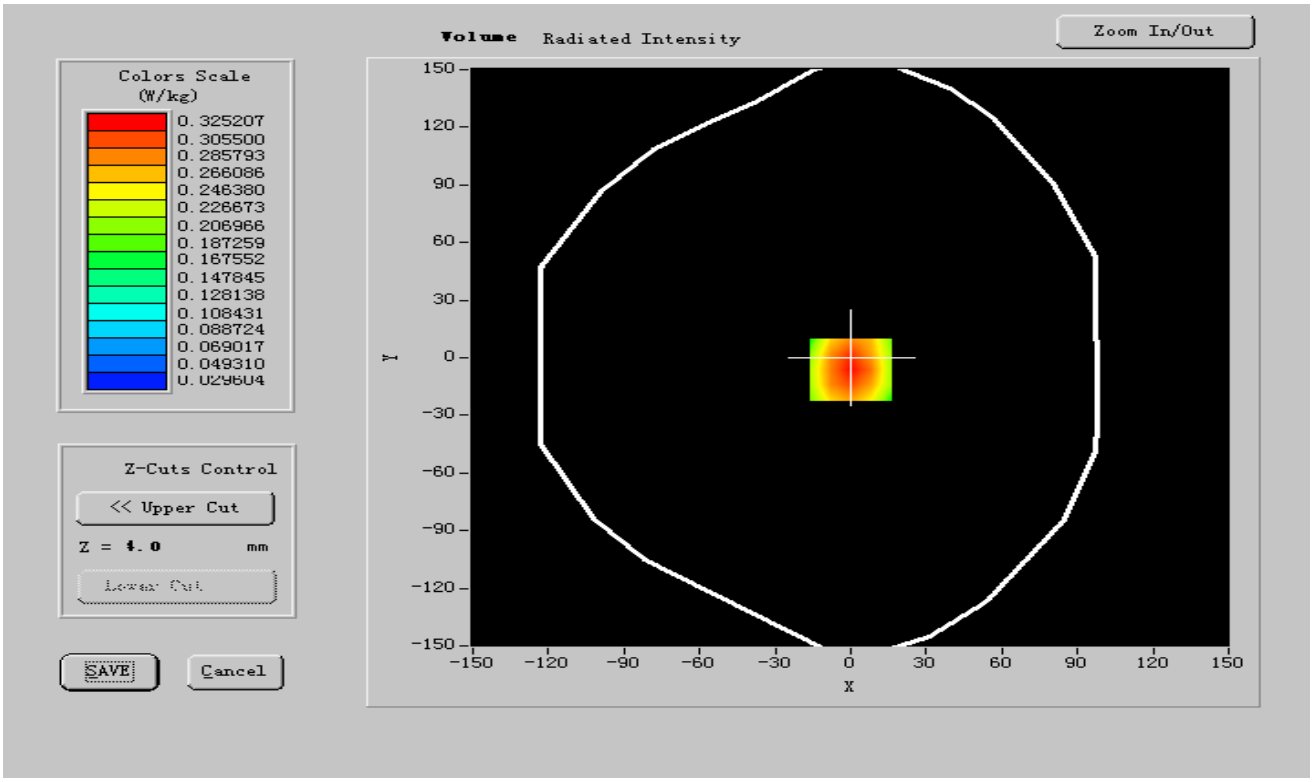
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**51.536640**
Relative permitivity (imaginary part)	**13.380026**
Conductivity (S/m)	**1.959641**
Variation (%)	**-0.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



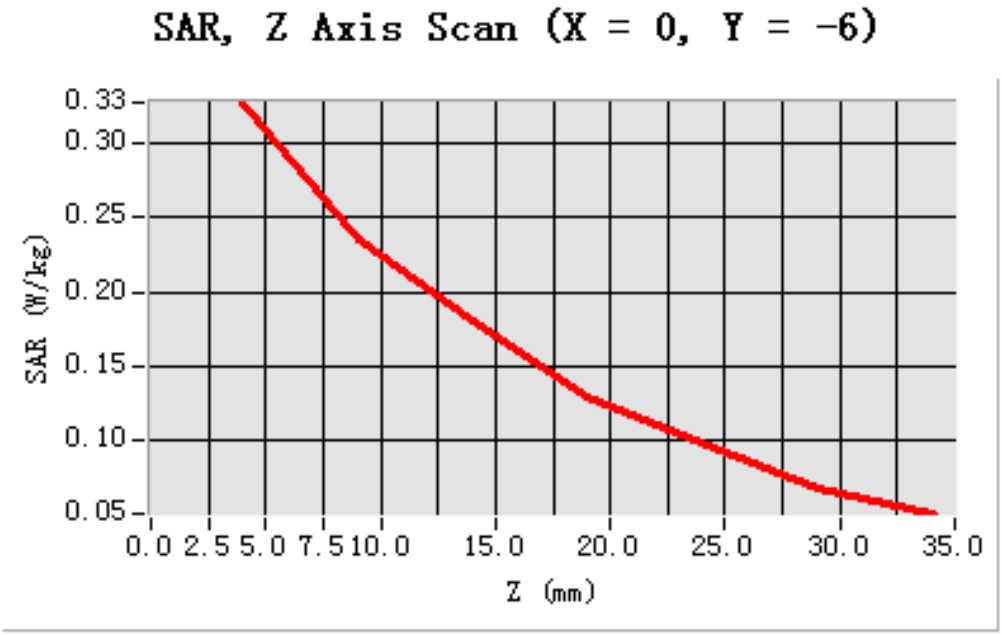
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

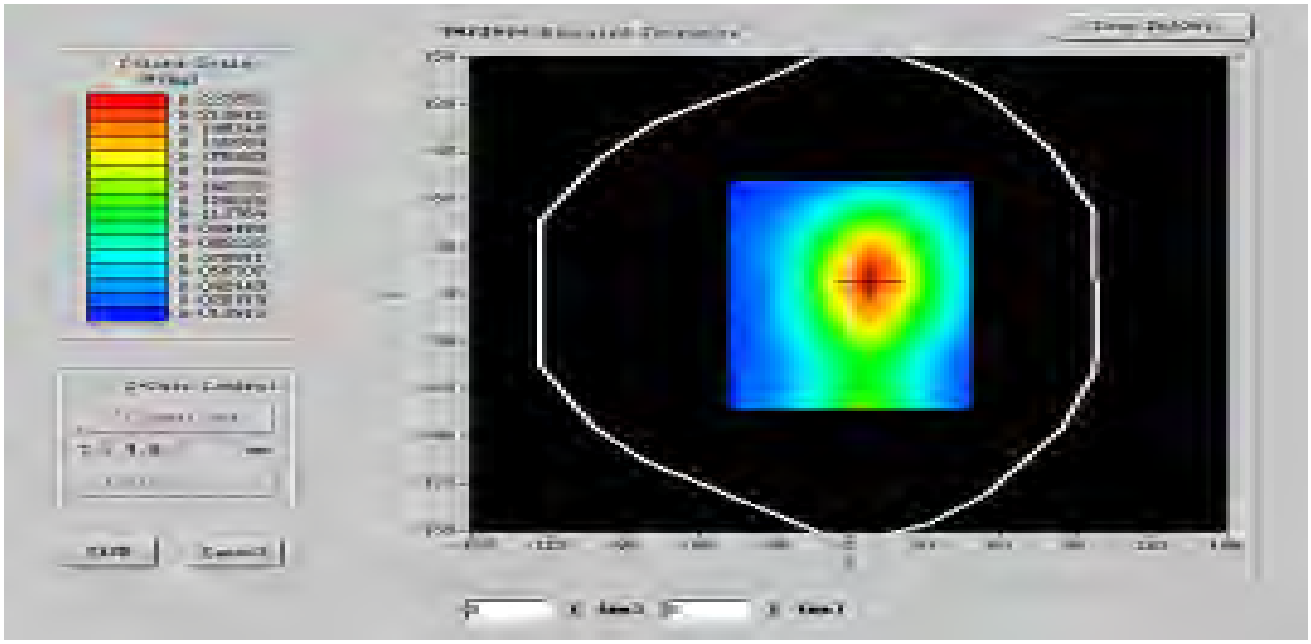
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

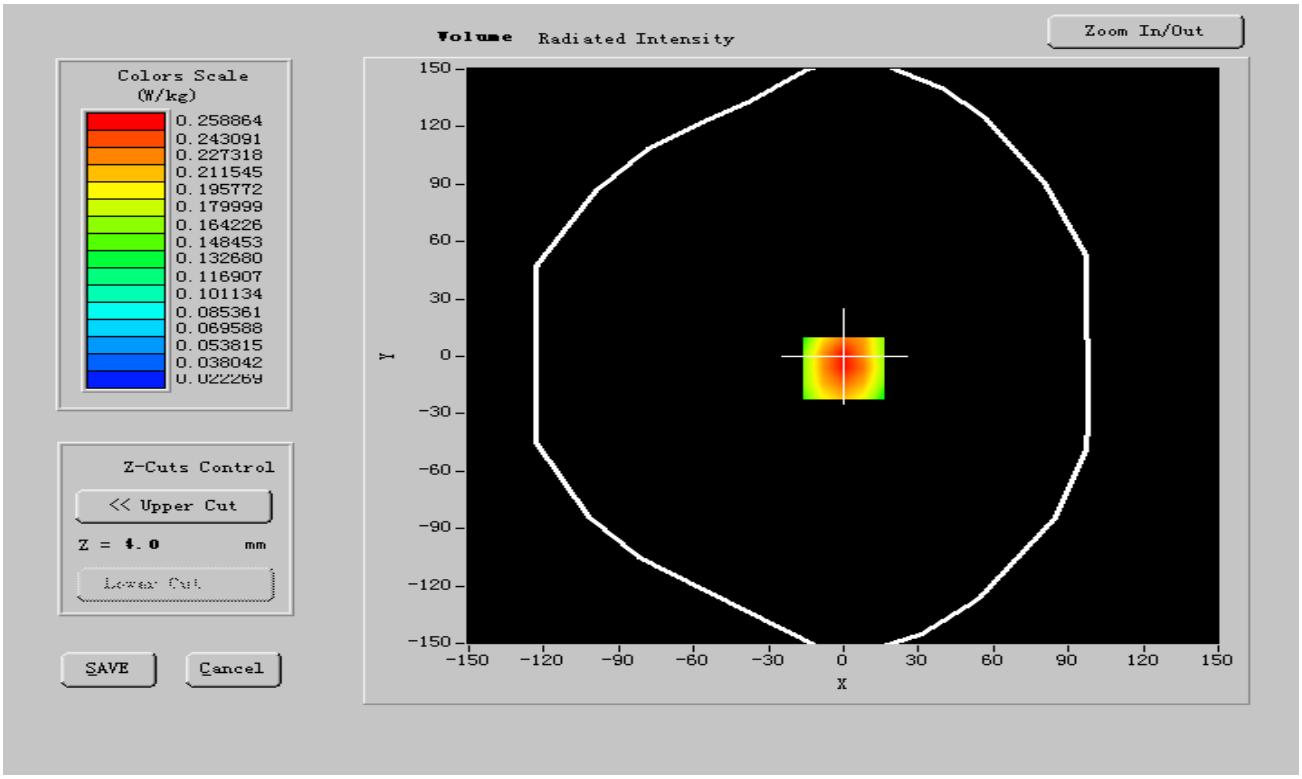
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**51.535514**
Relative permitivity (imaginary part)	**13.385161**
Conductivity (S/m)	**1.964114**
Variation (%)	**-0.130000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**50.35,52.98,69.78**

Crest factor:	1:1

SURFACE SAR



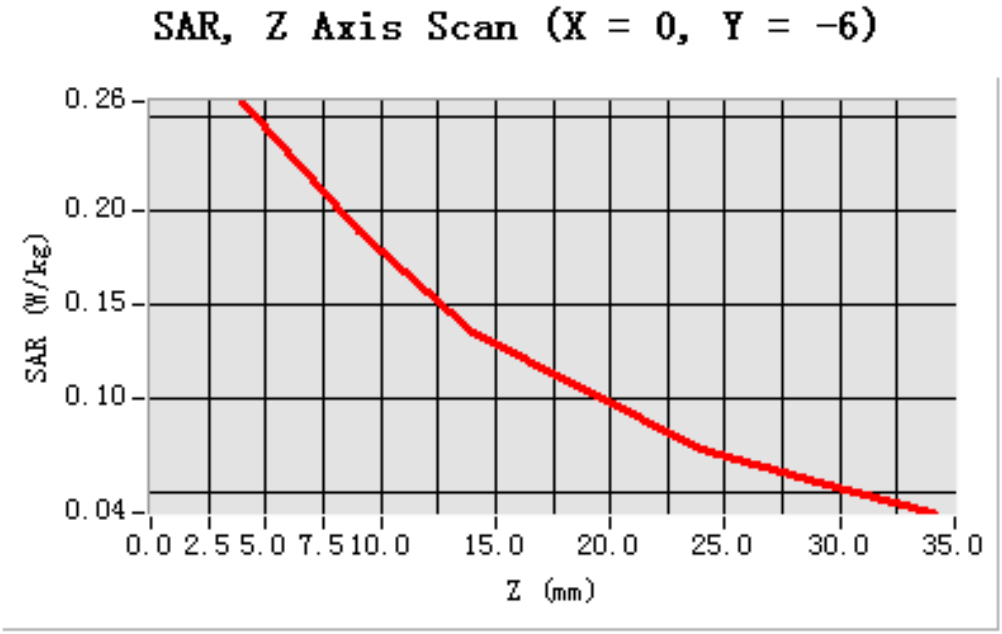
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

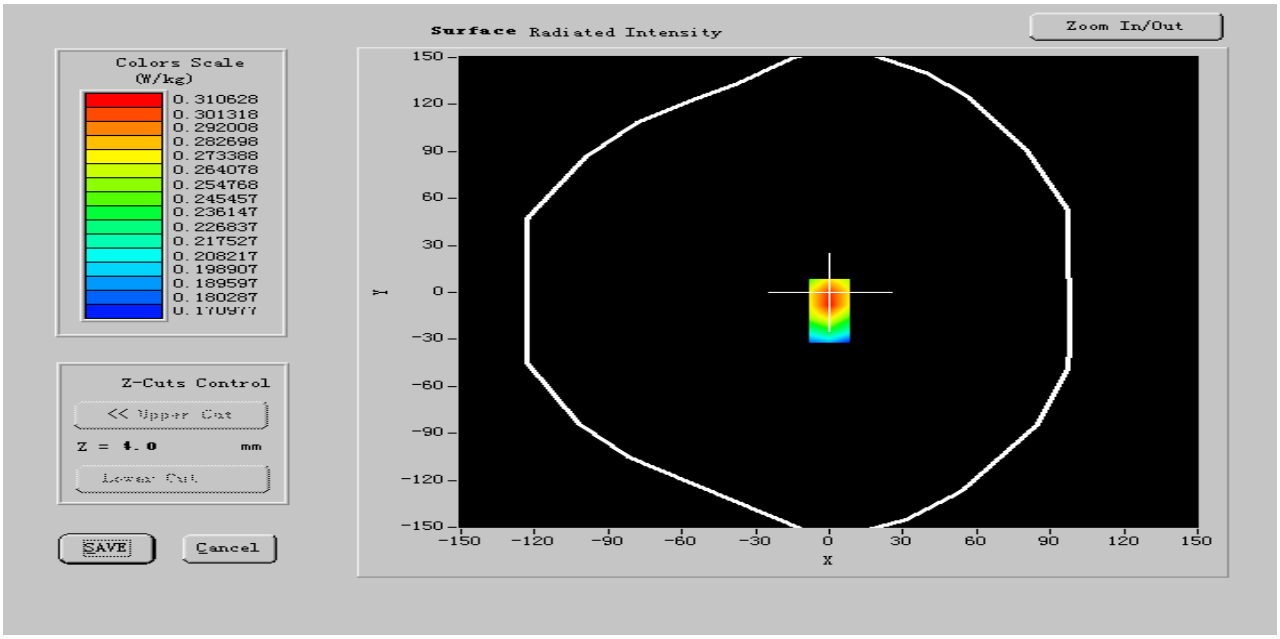
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

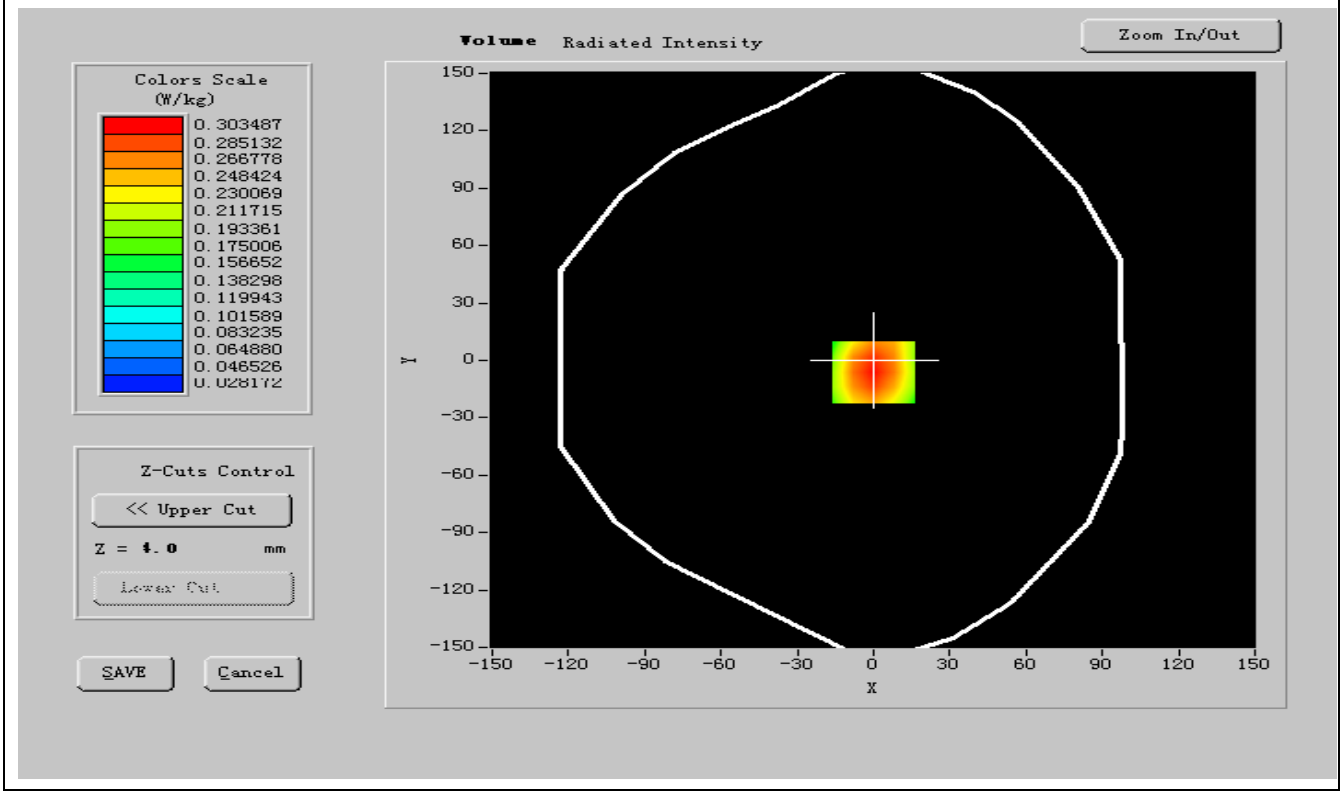
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**51.530000**
Relative permitivity (imaginary part)	**13.400011**
Conductivity (S/m)	**1.960210**
Variation (%)	**-0.600000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



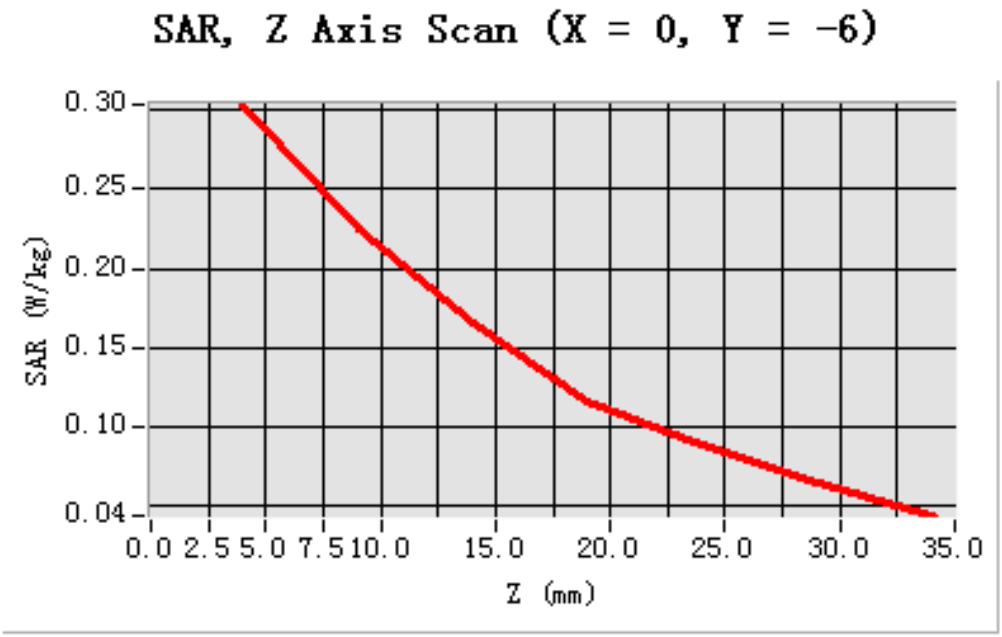
VOLUME SAR



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

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

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

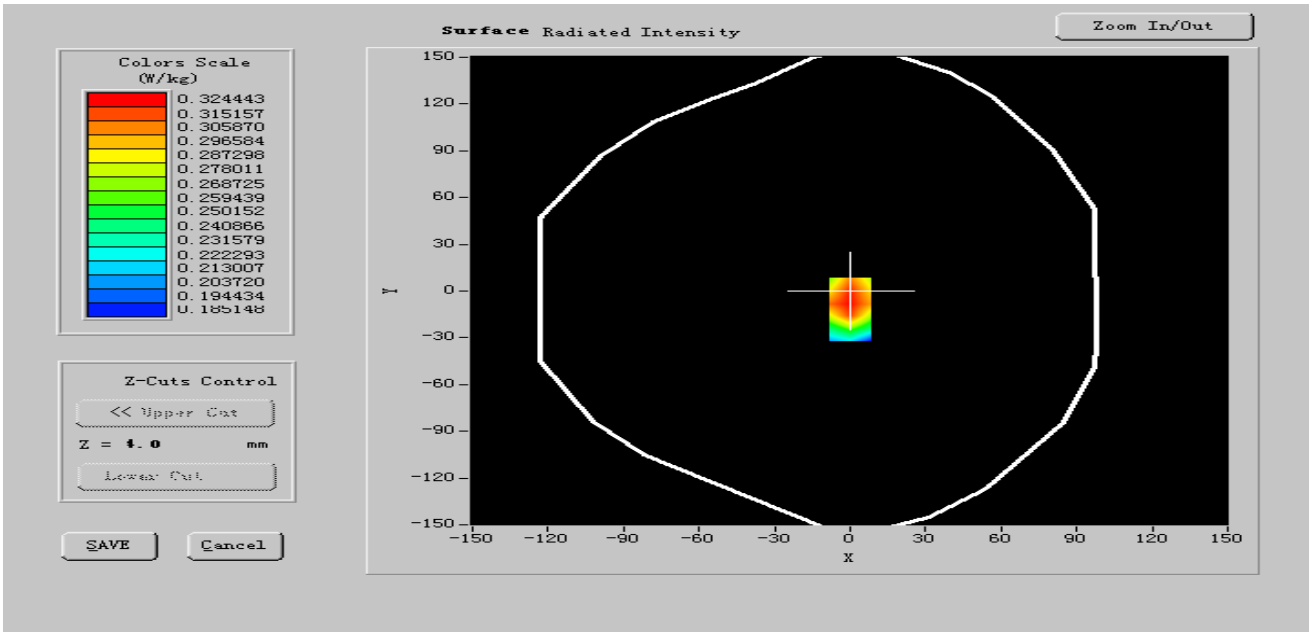
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

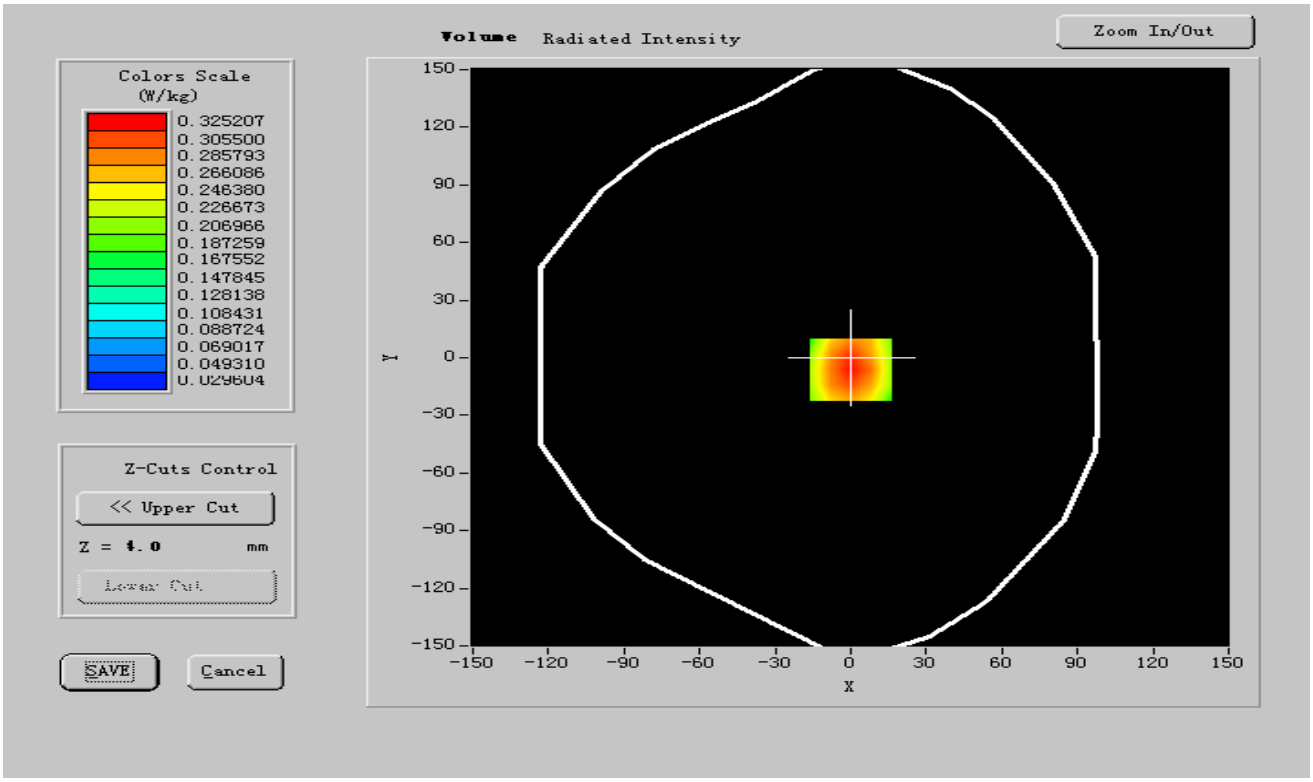
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**51.549840**
Relative permitivity (imaginary part)	**13.389326**
Conductivity (S/m)	**1.958413**
Variation (%)	**-0.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**50.35,52.98,69.78**

Crest factor:	1:1

SURFACE SAR



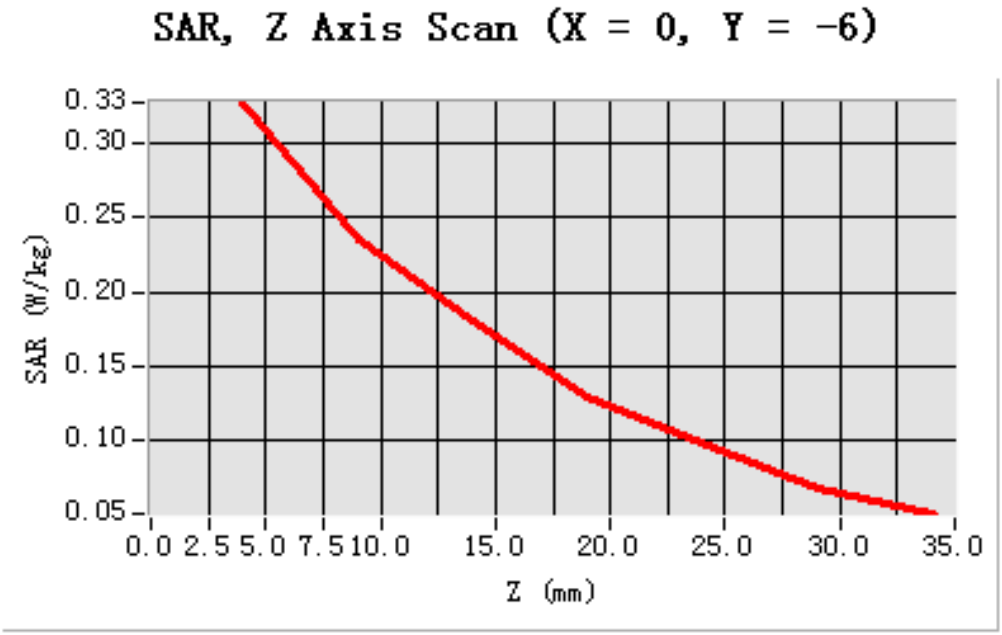
VOLUME SAR



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

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

Z Axis Scan



IIIIII. 802.11 G RESULTS

TYPE	PARAMETERS
Phone	Measurement 1: Right Head with Cheek device position on Low Channel in 802.11g mode Measurement 2: Right Head with Cheek device position on Middle Channel in 802.11g mode Measurement 3: Right Head with Cheek device position on High Channel in 802.11g mode Measurement 4: Right Head with Tilt device position on Low Channel in 802.11g mode Measurement 5: Right Head with Tilt device position on Middle Channel in 802.11g mode Measurement 6: Right Head with Tilt device position on High Channel in 802.11g mode Measurement 7: Left Head with Cheek device position on Low Channel in 802.11g mode Measurement 8: Left Head with Cheek device position on Middle Channel in 802.11g mode Measurement 9: Left Head with Cheek device position on High Channel in 802.11g mode Measurement 10: Left Head with Tilt device position on Low Channel in 802.11g mode Measurement 11: Left Head with Tilt device position on Middle Channel in 802.11g mode Measurement 12: Left Head with Tilt device position on High Channel in 802.11g mode Measurement 13: FrontSide toward phantom 15mm on Low Channel in 802.11g mode Measurement 14: FrontSide toward phantom 15mm on Middle Channel in 802.11g mode Measurement 15: FrontSide toward phantom 15mm on High Channel in 802.11g mode Measurement 16: BackSide toward phantom 15mm on Low Channel in 802.11g mode Measurement 17: BackSide toward phantom 15mm on Middle Channel in 802.11g mode Measurement 18: BackSide toward phantom 15mm on High Channel in 802.11g 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, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	802.11g
Channels	Low
Signal	wireless

B. Instrumentations.

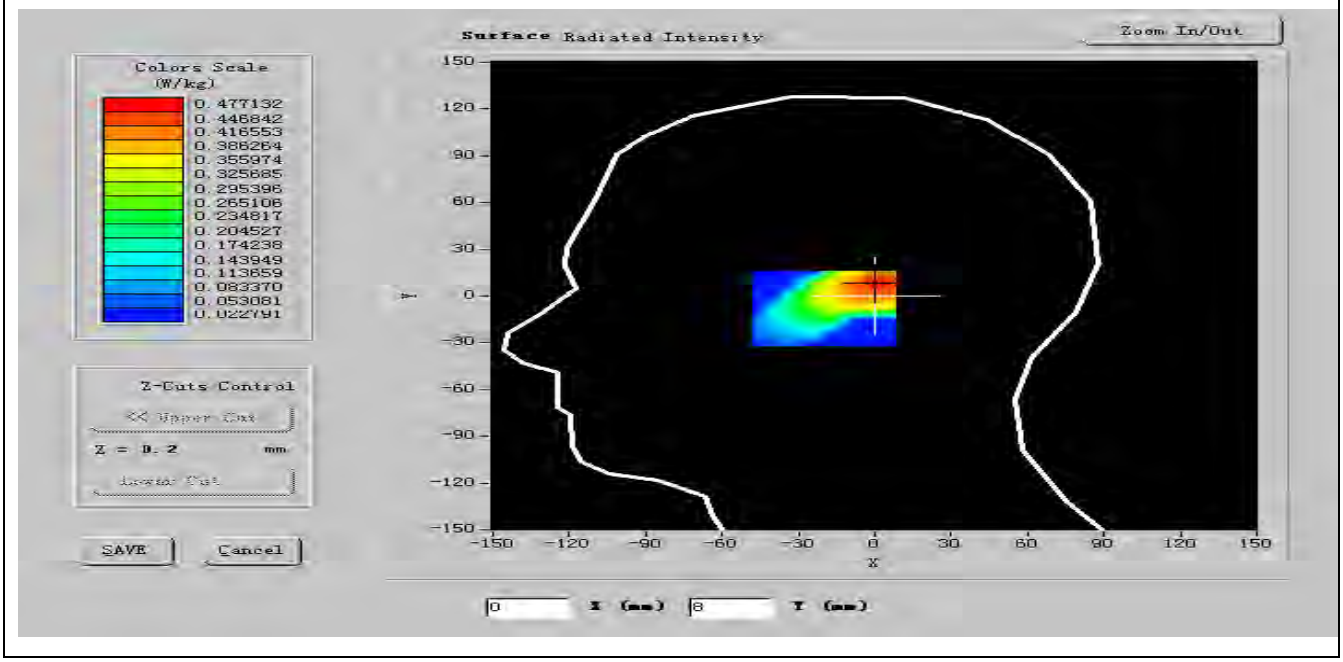
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

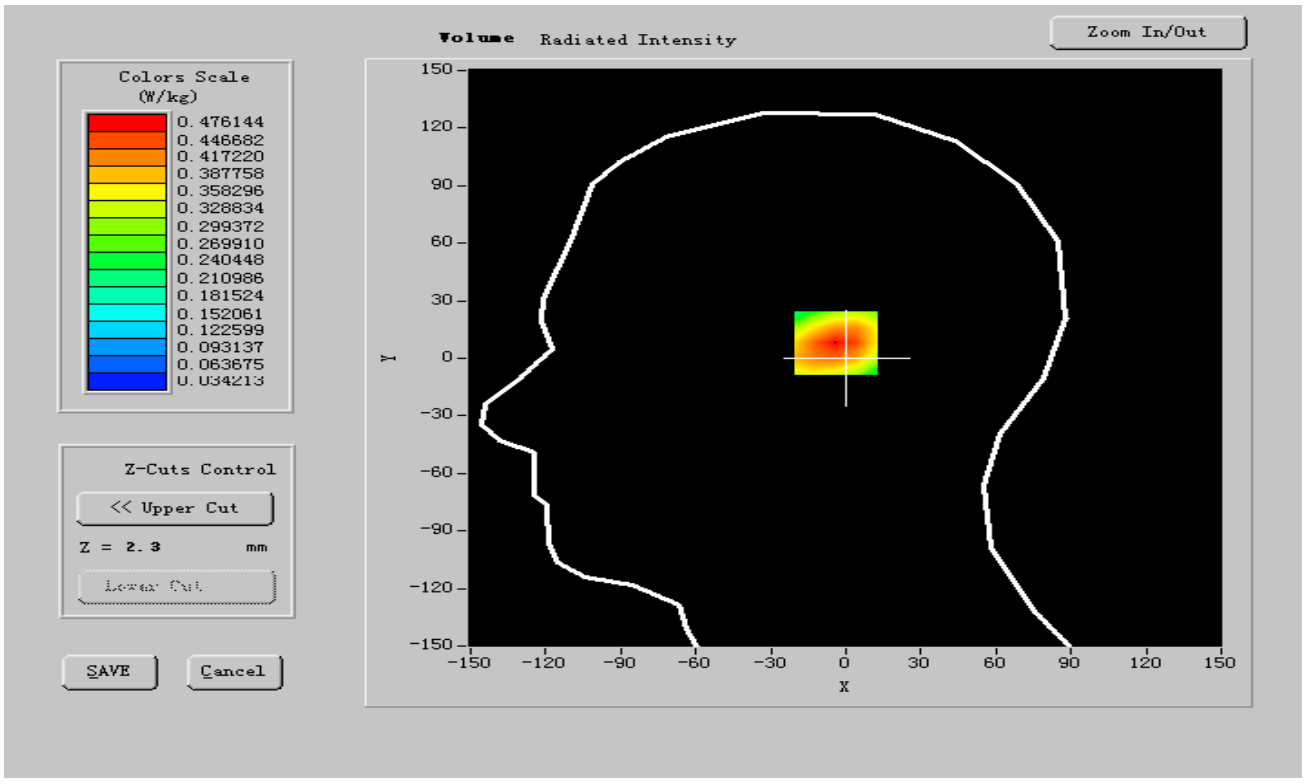
Frequency (MHz)	**2412.0000**
Relative permitivity (real part)	**40.415741**
Relative permitivity (imaginary part)	**13.348512**
Conductivity (S/m)	**1.814101**
Variation (%)	**-1.110000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**51.18,53.87,70.48**

Crest factor:	1:1

SURFACE SAR



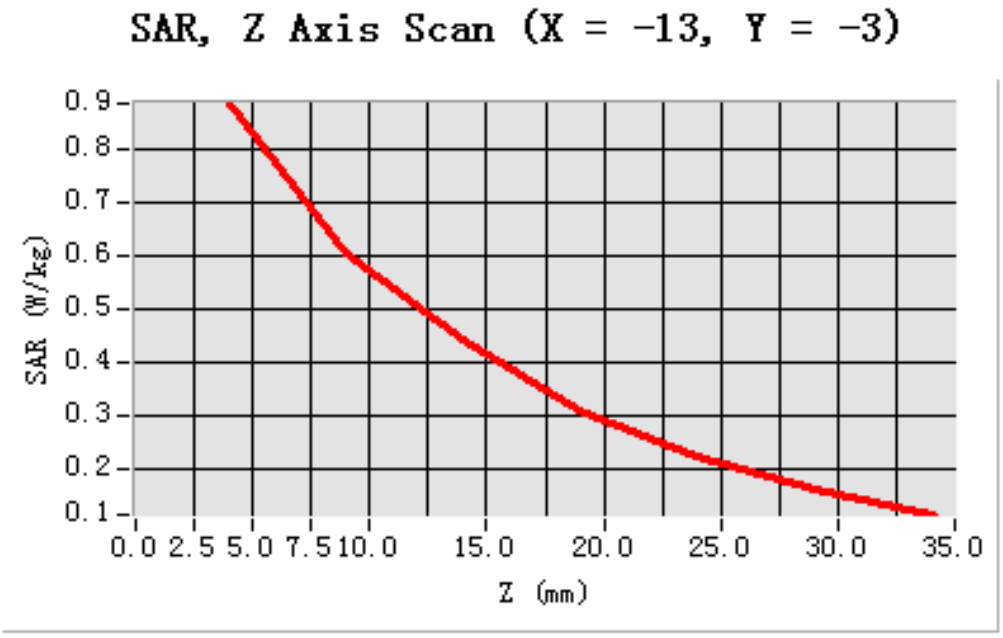
VOLUME SAR



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

SAR 10g (W/Kg)	0.047120
SAR 1g (W/Kg)	0.098711

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

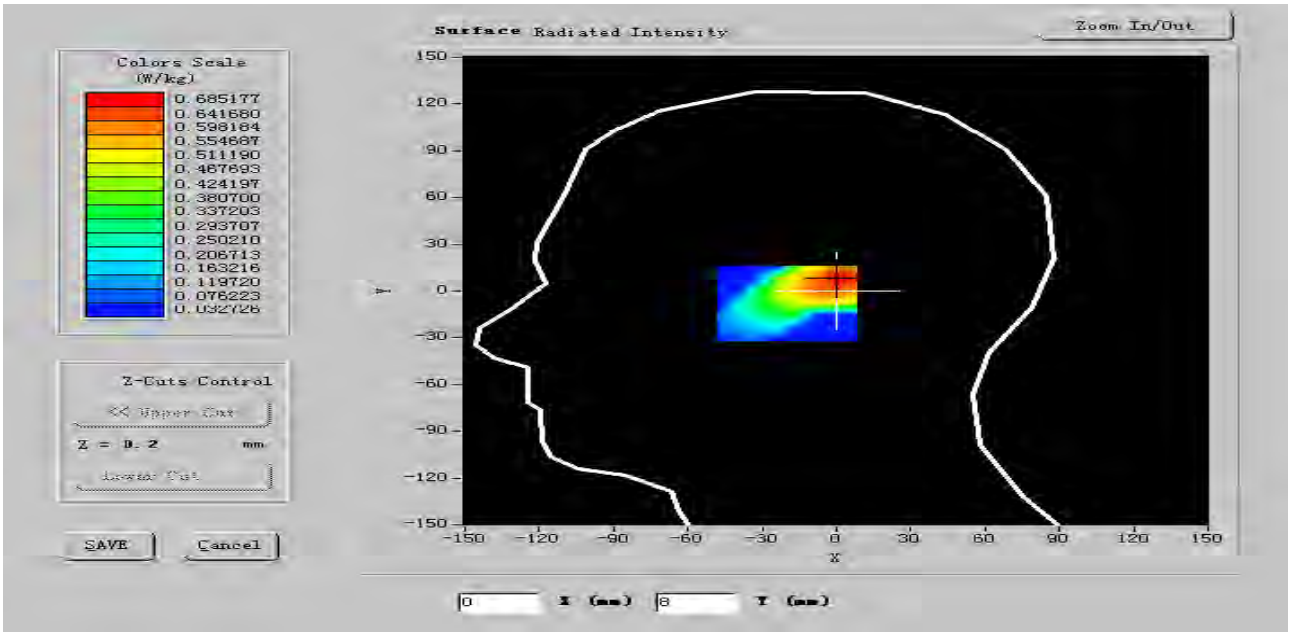
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

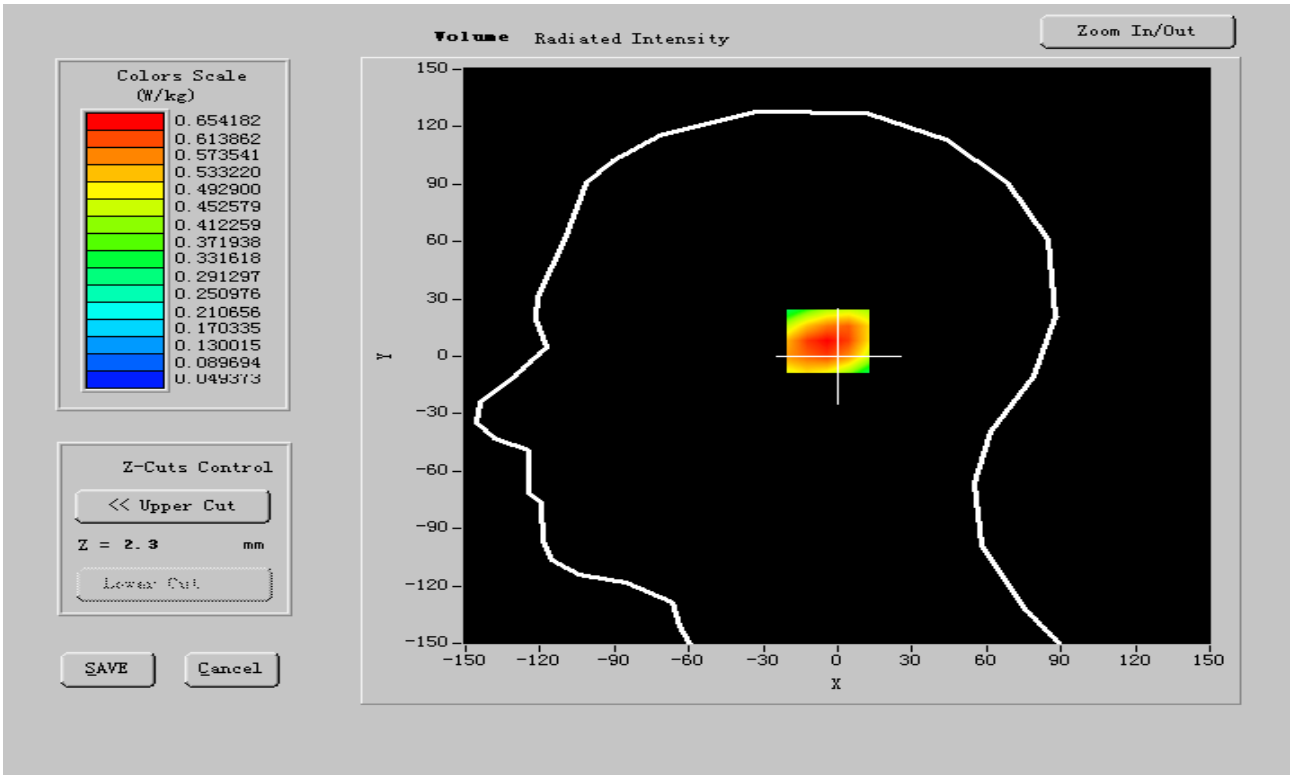
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.426168**
Relative permitivity (imaginary part)	**13.348910**
Conductivity (S/m)	**1.865411**
Variation (%)	**-0.300000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



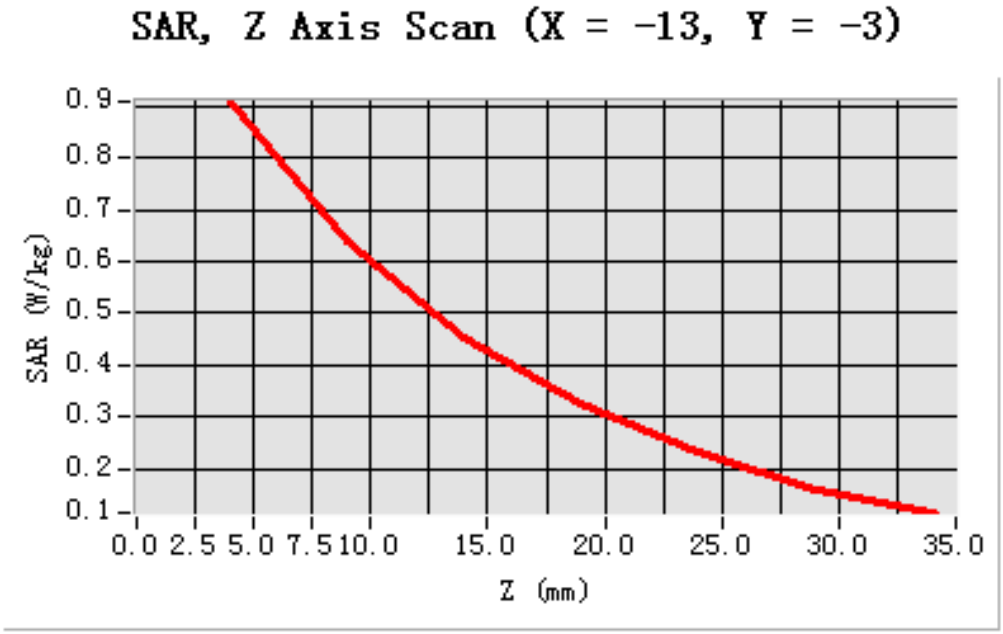
VOLUME SAR



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

SAR 10g (W/Kg)	0.057410
SAR 1g (W/Kg)	0.079841

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

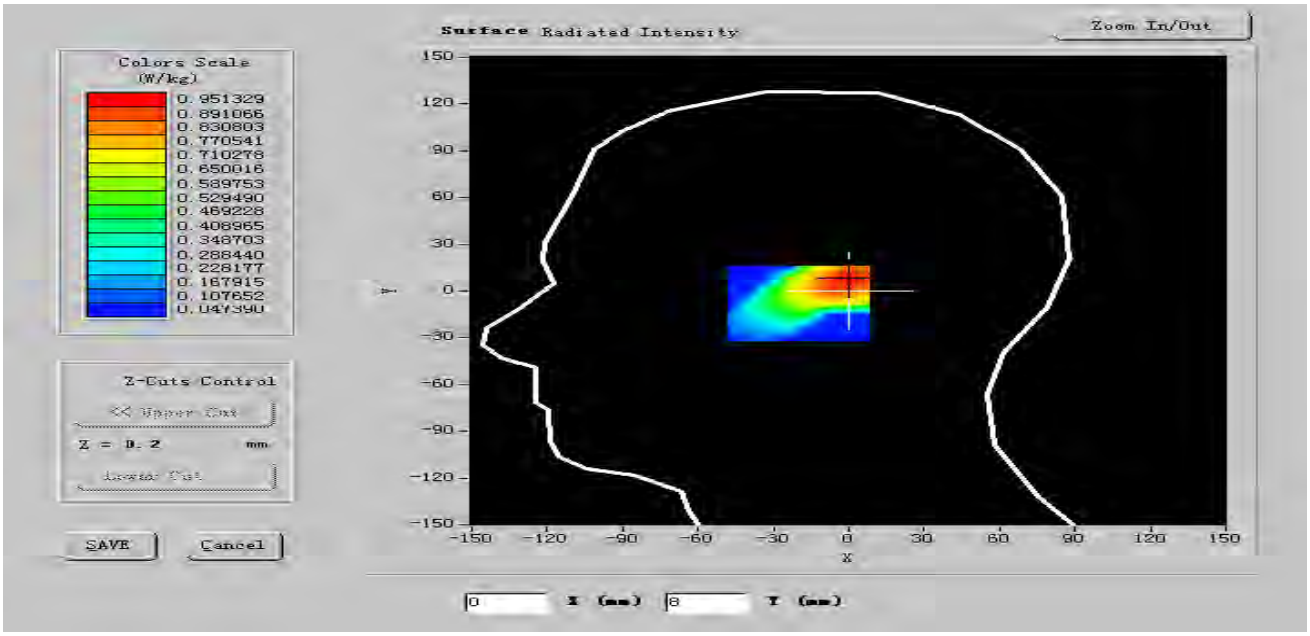
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

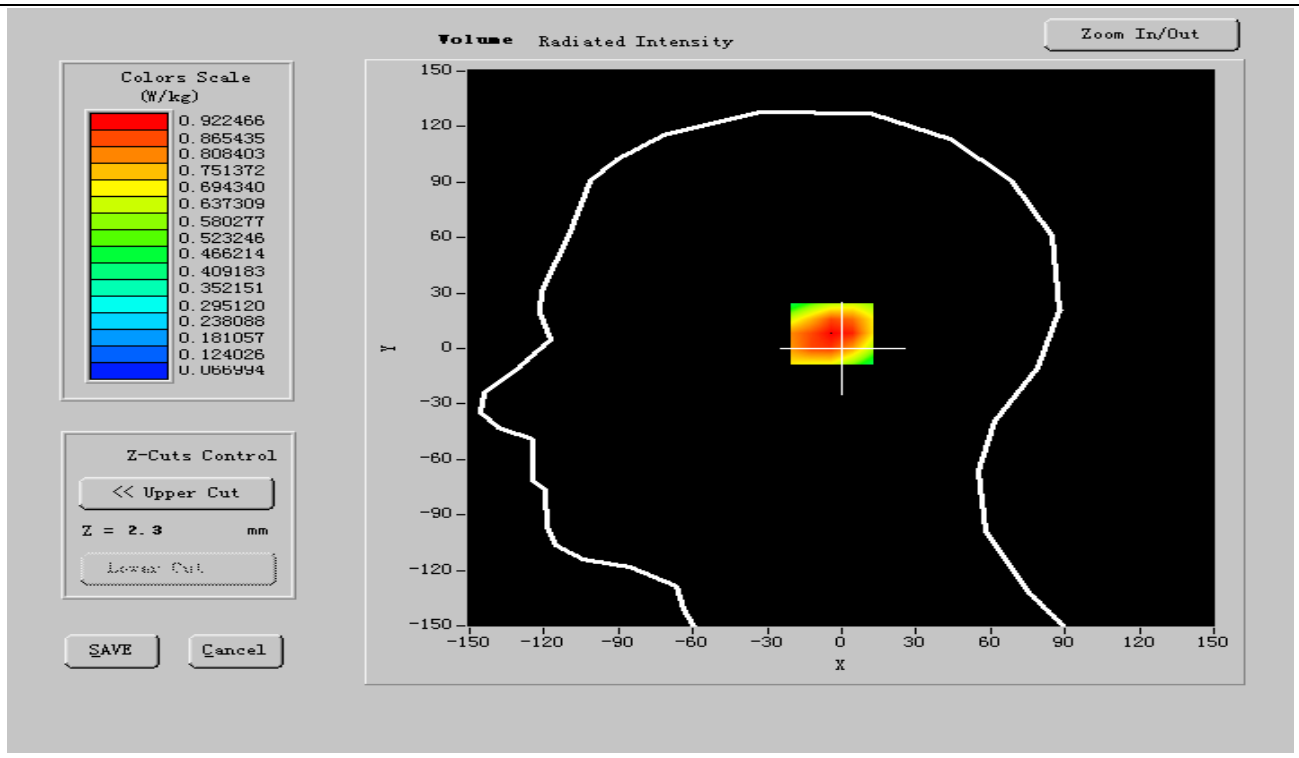
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.421402**
Relative permitivity (imaginary part)	**13.244152**
Conductivity (S/m)	**1.854787**
Variation (%)	**-0.100000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**51.18,53.87,70.48**

Crest factor:	1:1

SURFACE SAR



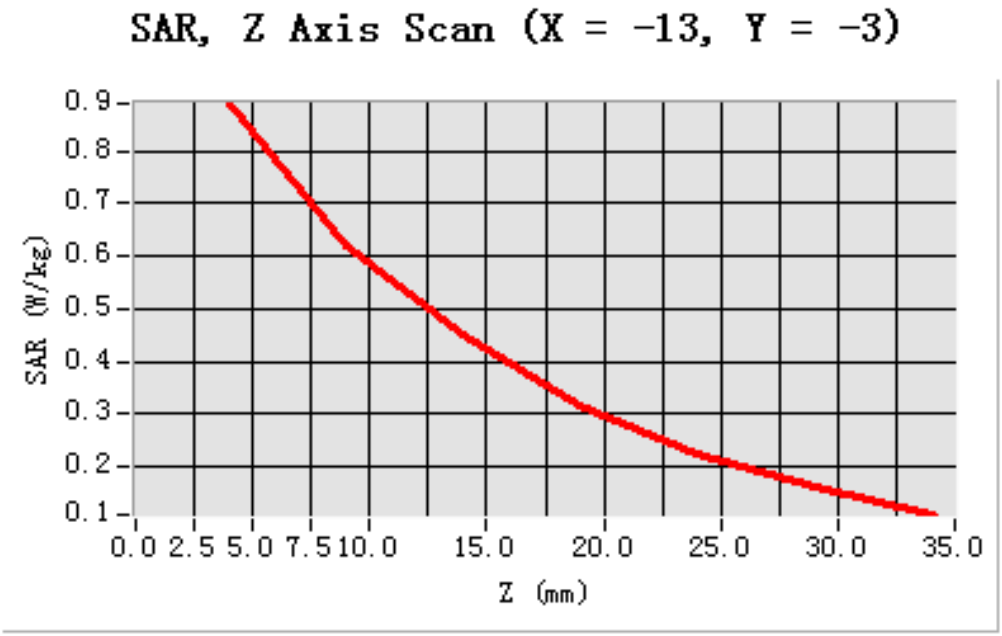
VOLUME SAR



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

SAR 10g (W/Kg)	0.057415
SAR 1g (W/Kg)	0.107819

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

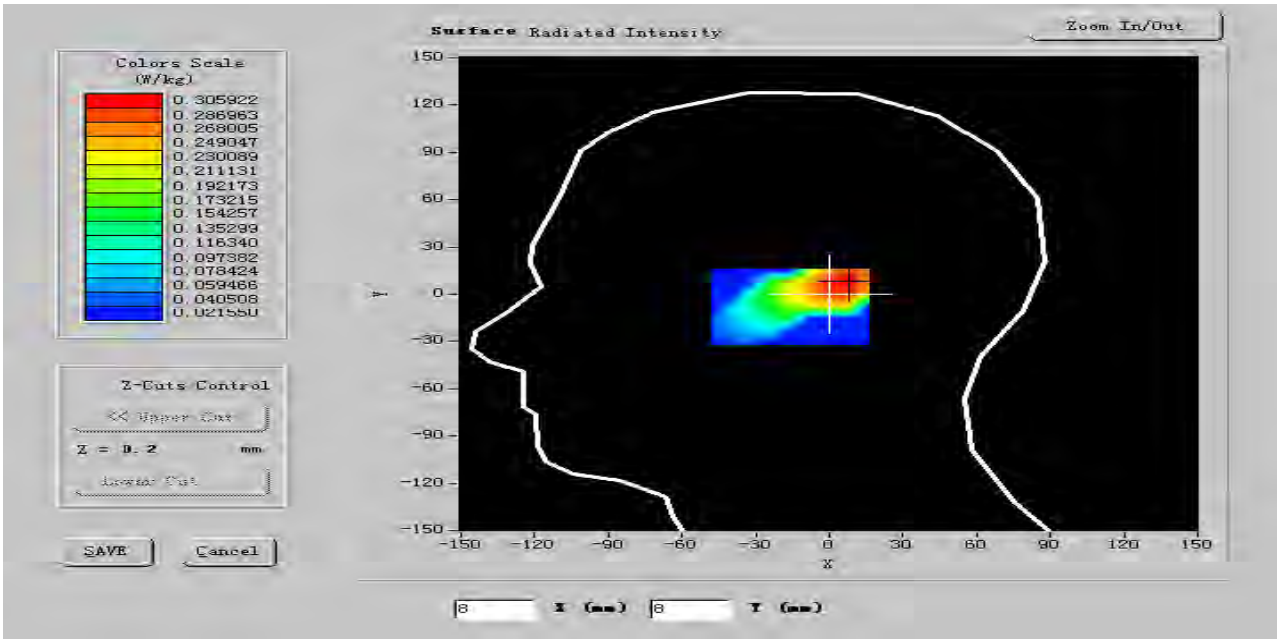
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

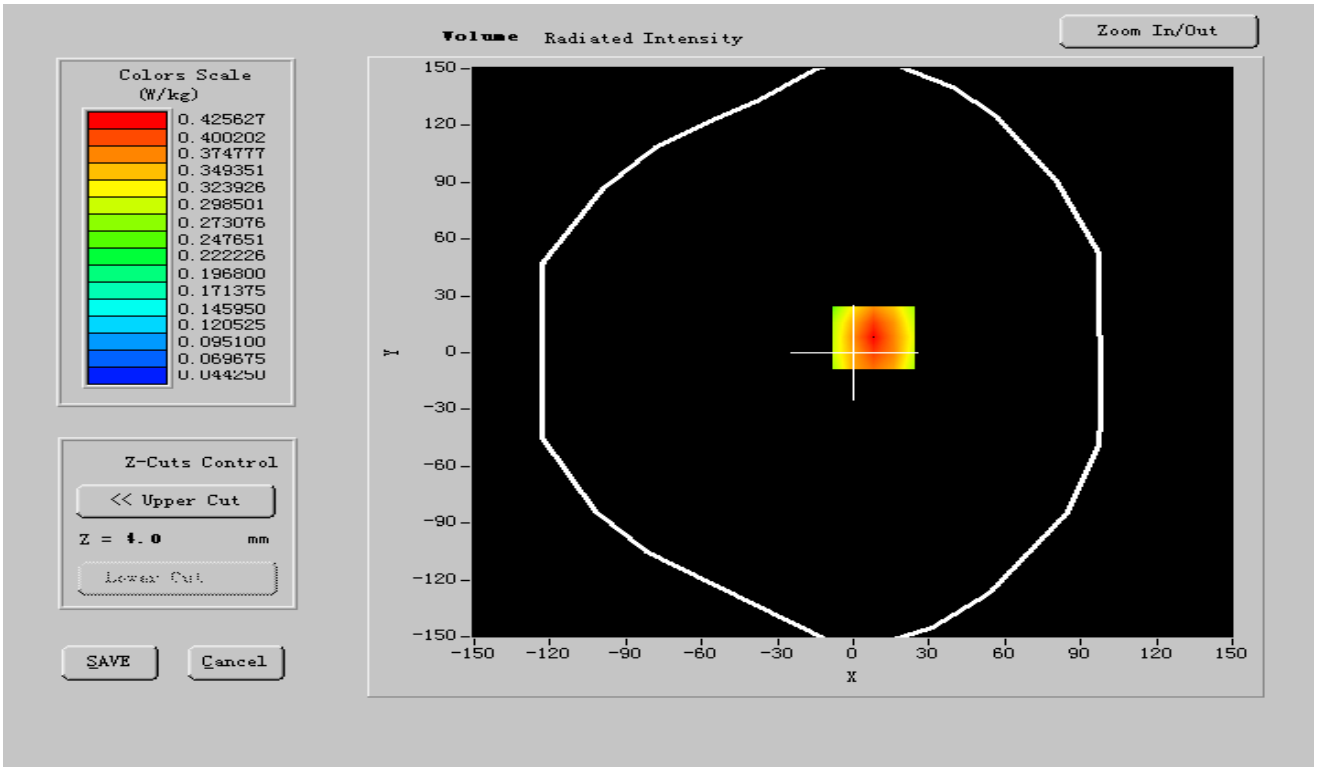
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**40.423616**
Relative permitivity (imaginary part)	**13.294711**
Conductivity (S/m)	**1.857114**
Variation (%)	**-1.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	**51.18,53.87,70.48**
Crest factor:	**1:1**

SURFACE SAR



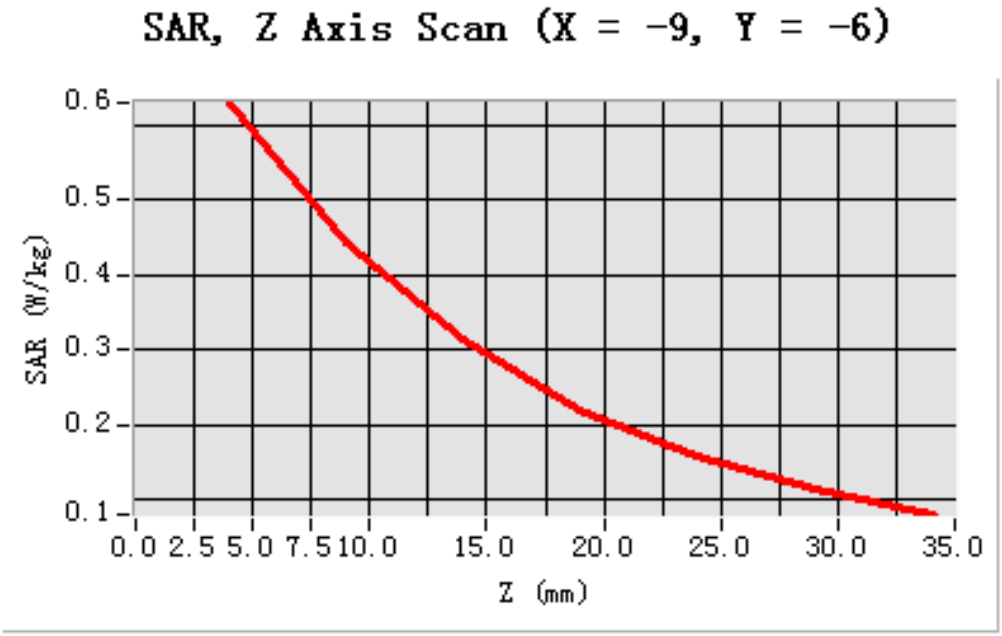
VOLUME SAR



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

SAR 10g (W/Kg)	0.074598
SAR 1g (W/Kg)	0.148518

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

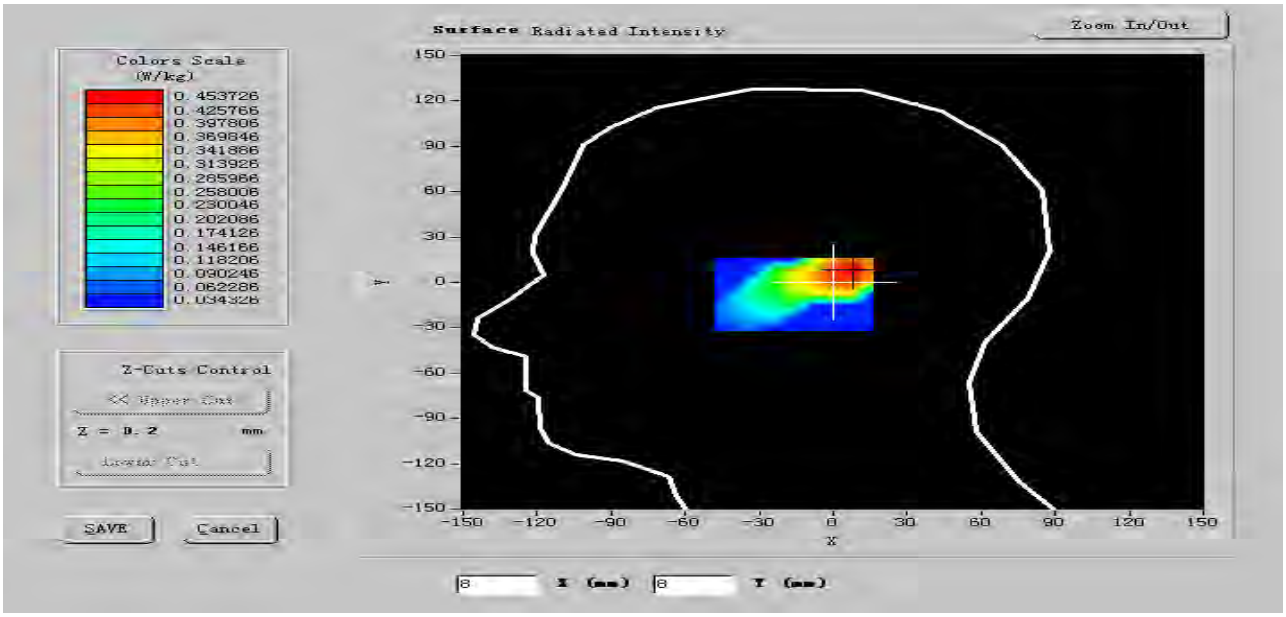
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

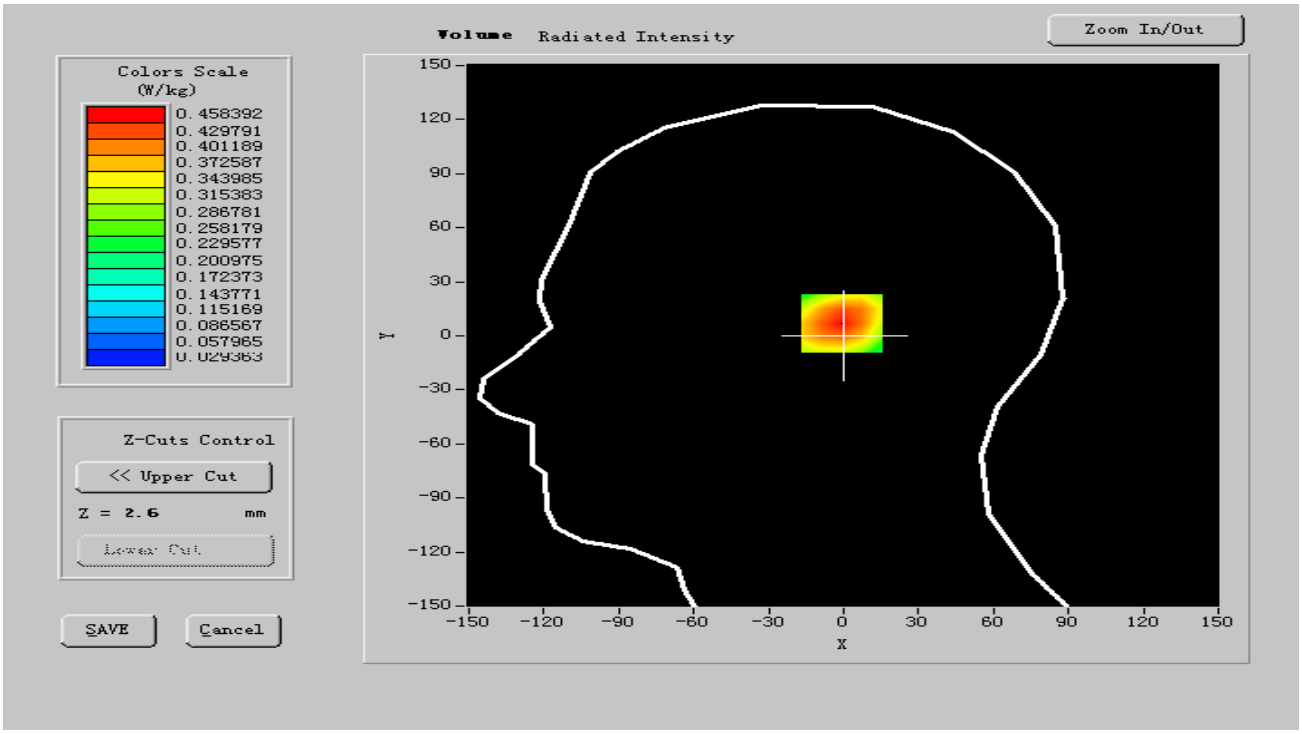
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.421410**
Relative permitivity (imaginary part)	**13.339811**
Conductivity (S/m)	**1.854144**
Variation (%)	**-0.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	**51.18,53.87,70.48**
Crest factor:	**1:1**

SURFACE SAR



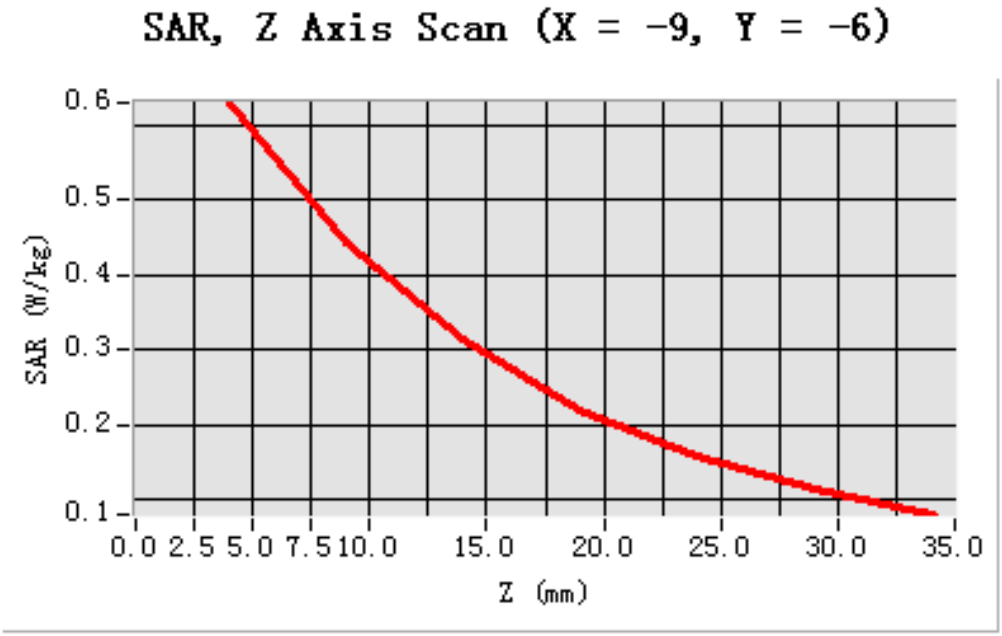
VOLUME SAR



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

SAR 10g (W/Kg)	0.079541
SAR 1g (W/Kg)	0.157414

Z Axis Scan



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, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

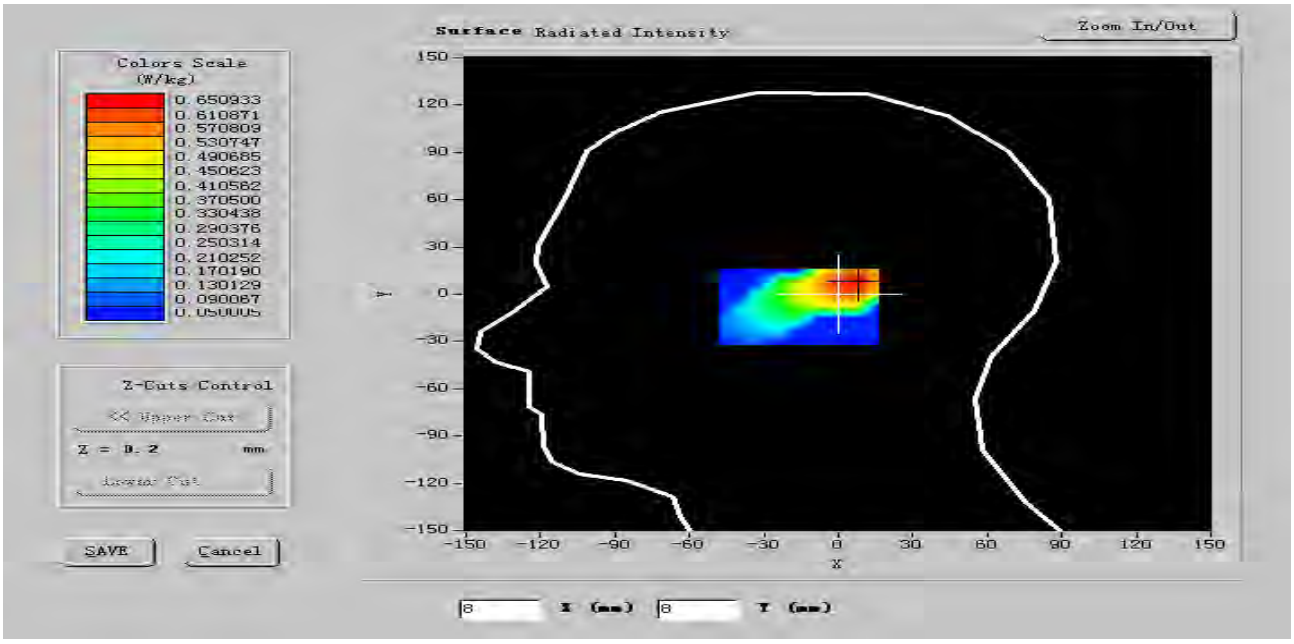
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

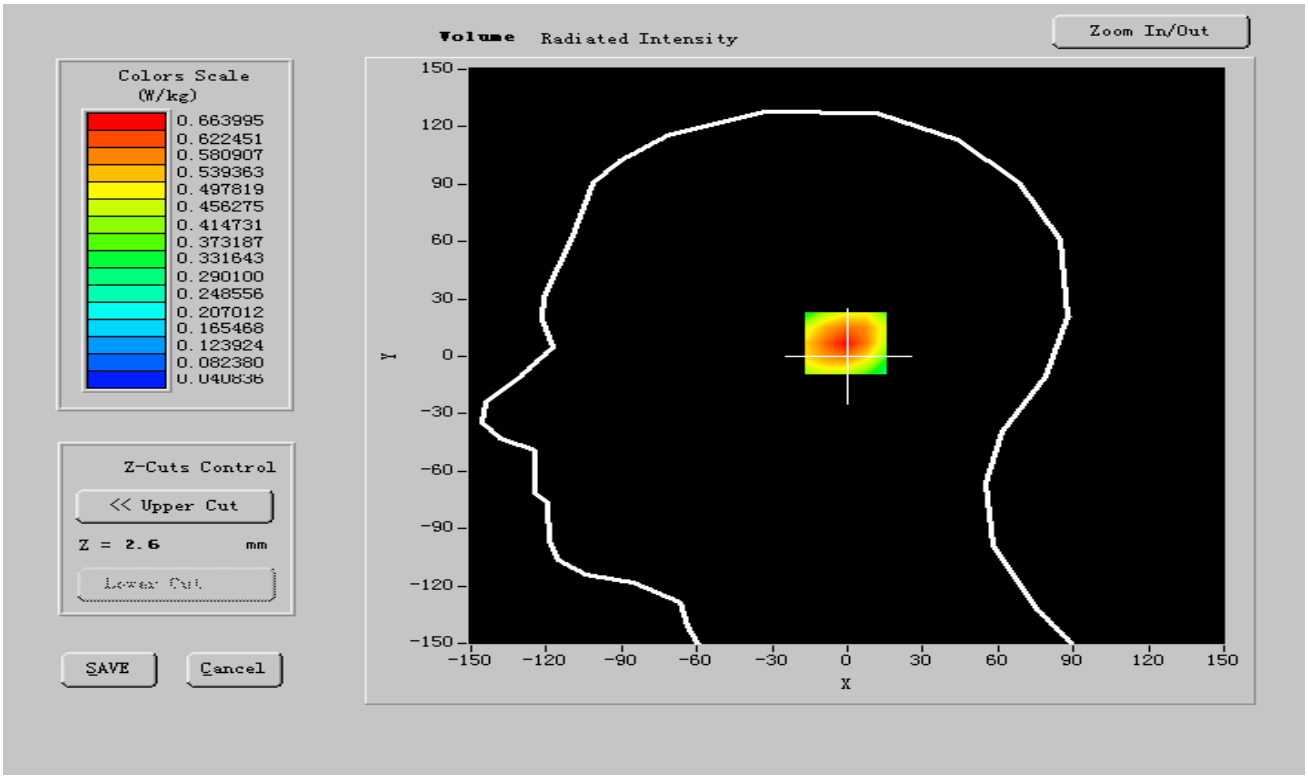
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.415410**
Relative permitivity (imaginary part)	**13.348744**
Conductivity (S/m)	**1.847550**
Variation (%)	**-1.500000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



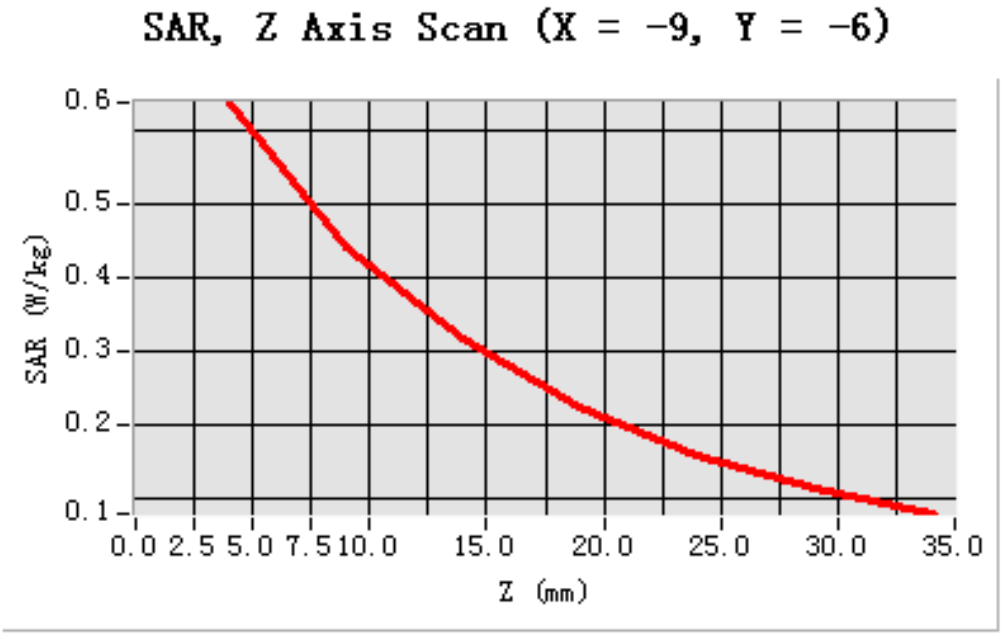
VOLUME SAR



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

SAR 10g (W/Kg)	0.065112
SAR 1g (W/Kg)	0.115480

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

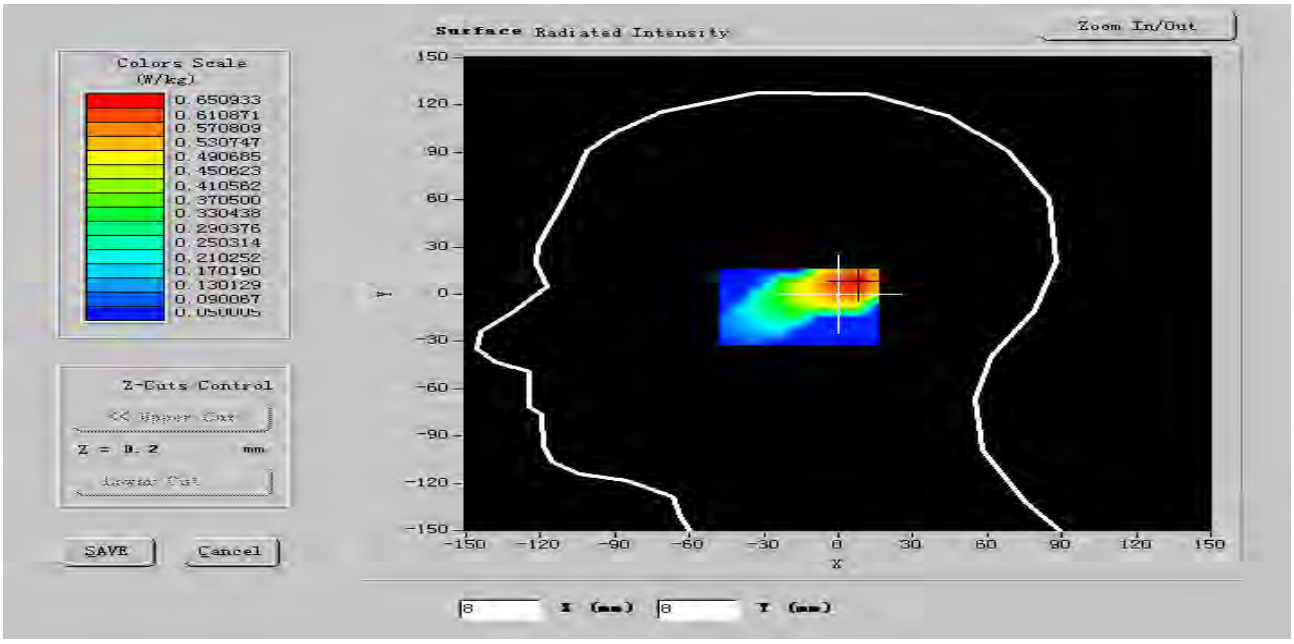
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

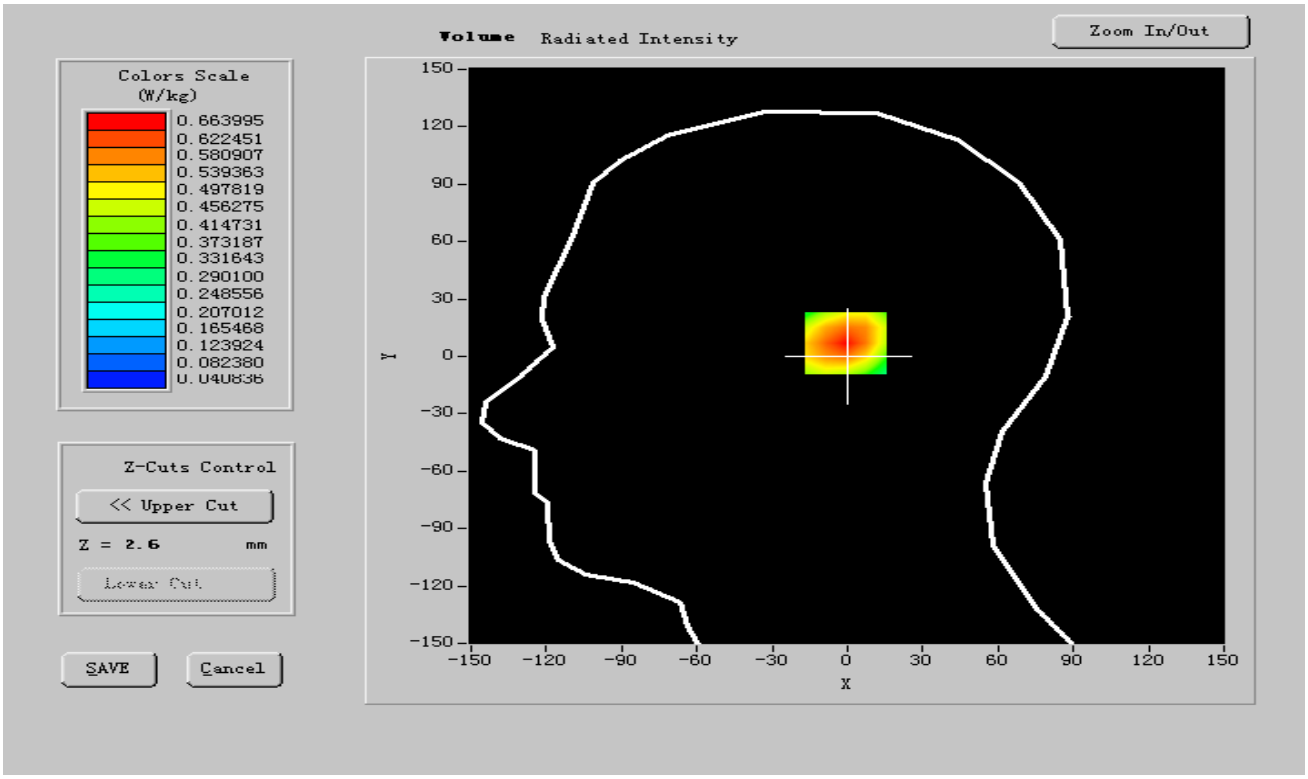
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**40.411885**
Relative permitivity (imaginary part)	**13.360125**
Conductivity (S/m)	**1.858704**
Variation (%)	**0.300000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	**51.18,53.87,70.48**
Crest factor:	**1:1**

SURFACE SAR



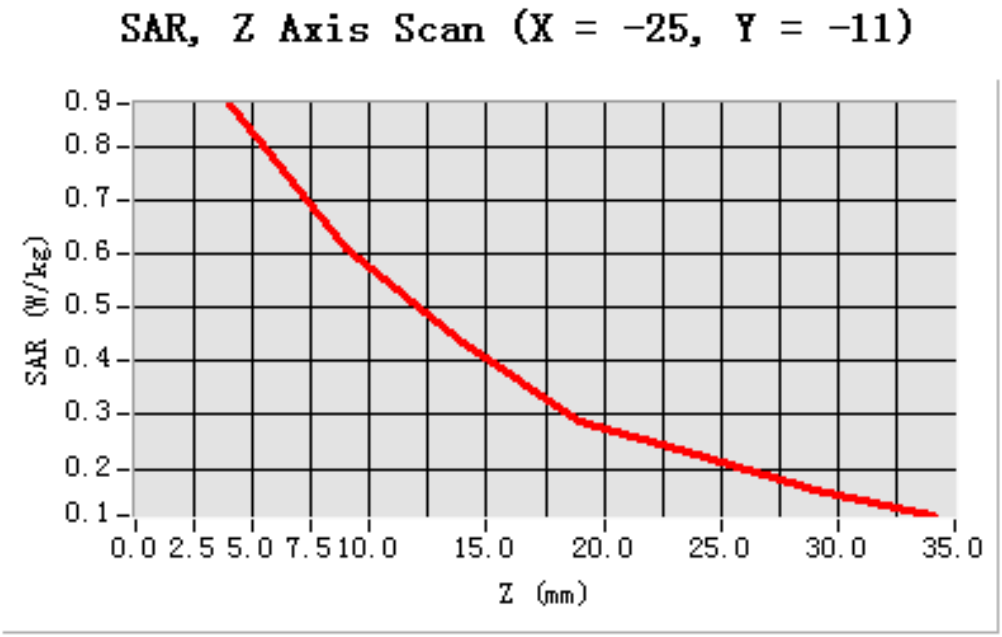
VOLUME SAR



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

SAR 10g (W/Kg)	0.079544
SAR 1g (W/Kg)	0.107451

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

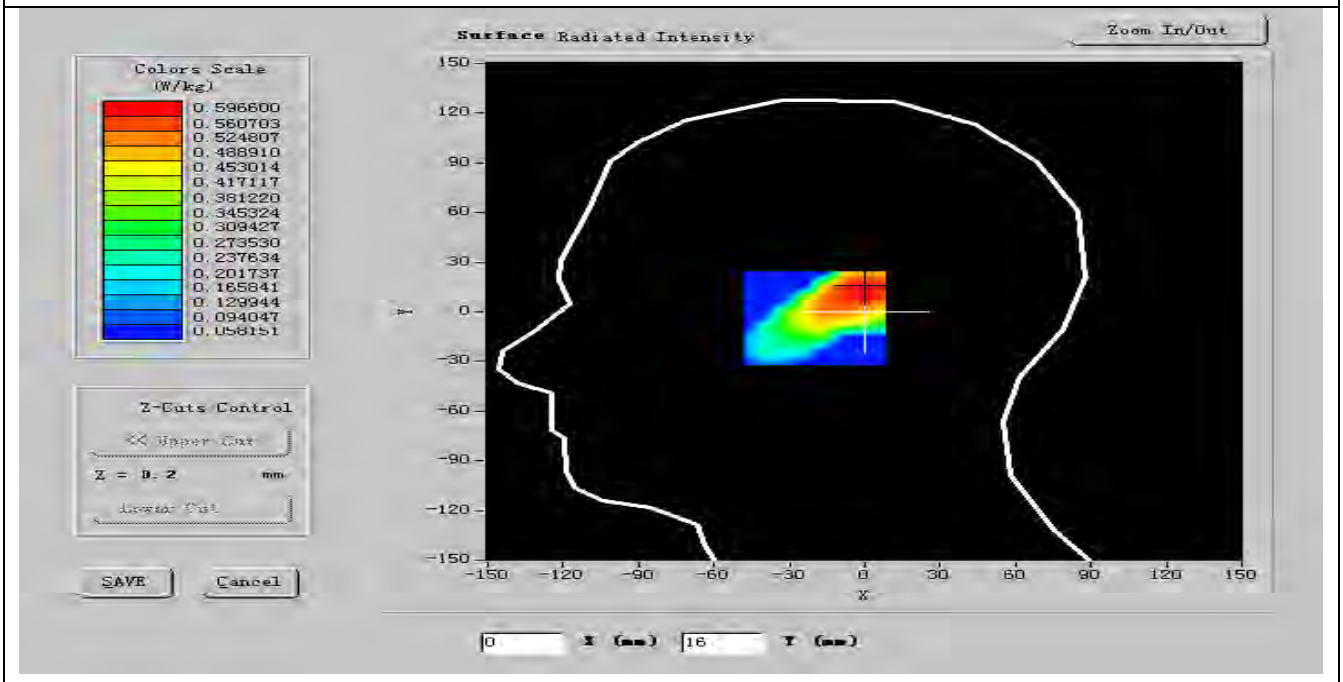
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

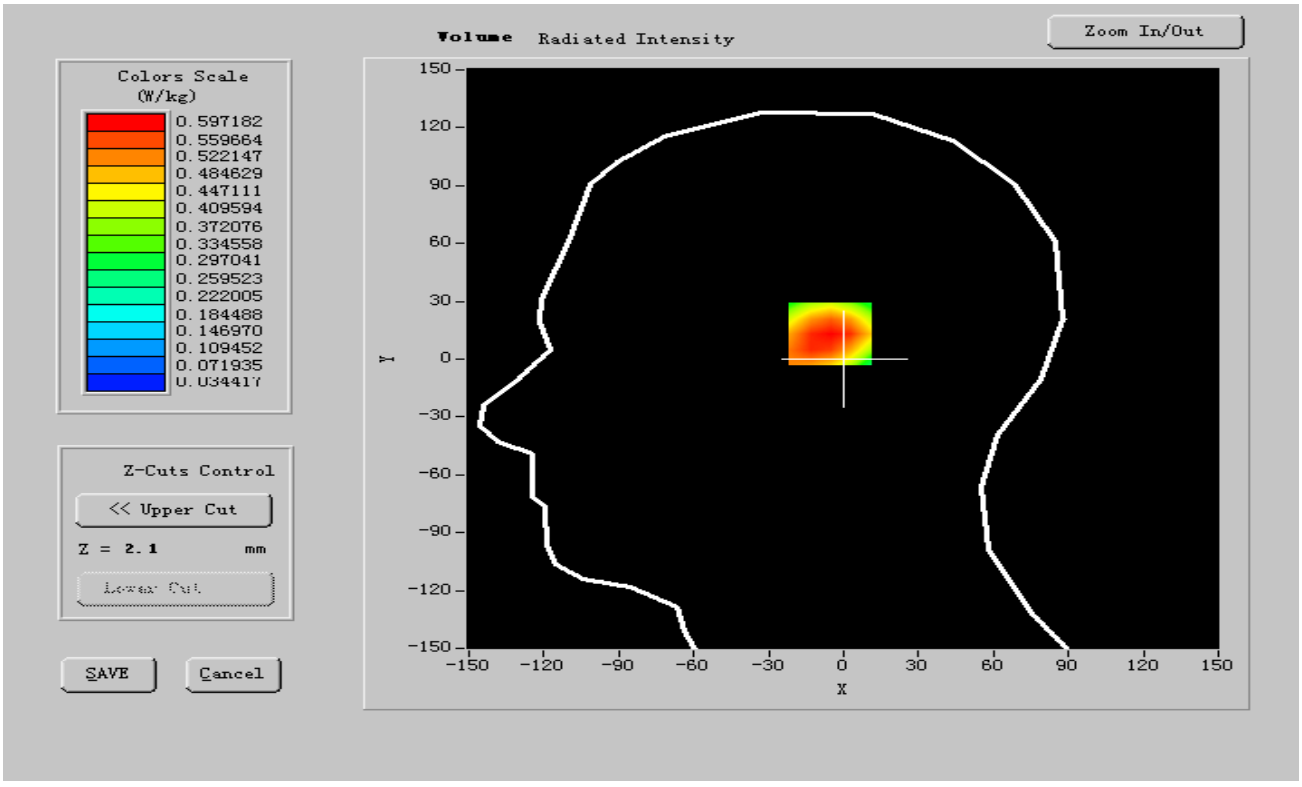
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.423651**
Relative permitivity (imaginary part)	**13.35741**
Conductivity (S/m)	**1.851741**
Variation (%)	**1.350000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



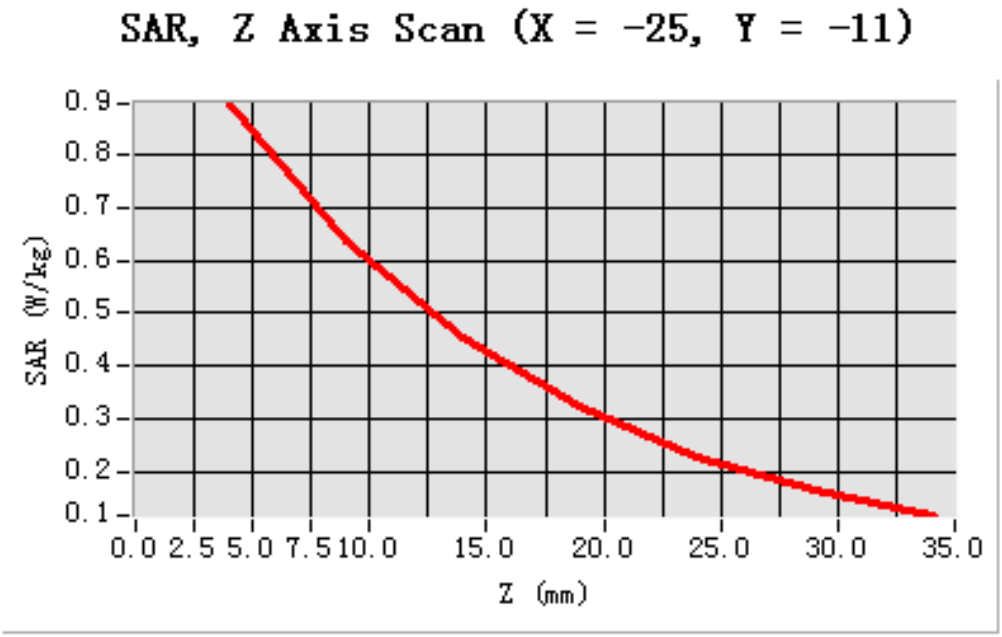
VOLUME SAR



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

SAR 10g (W/Kg)	0.071214
SAR 1g (W/Kg)	0.116824

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

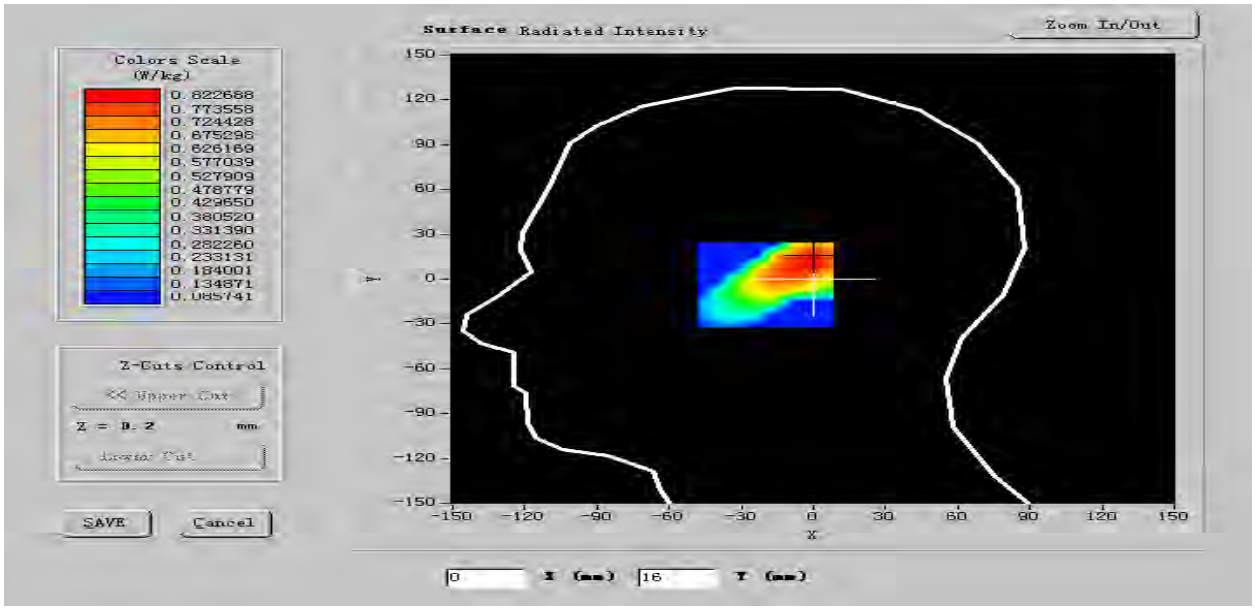
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

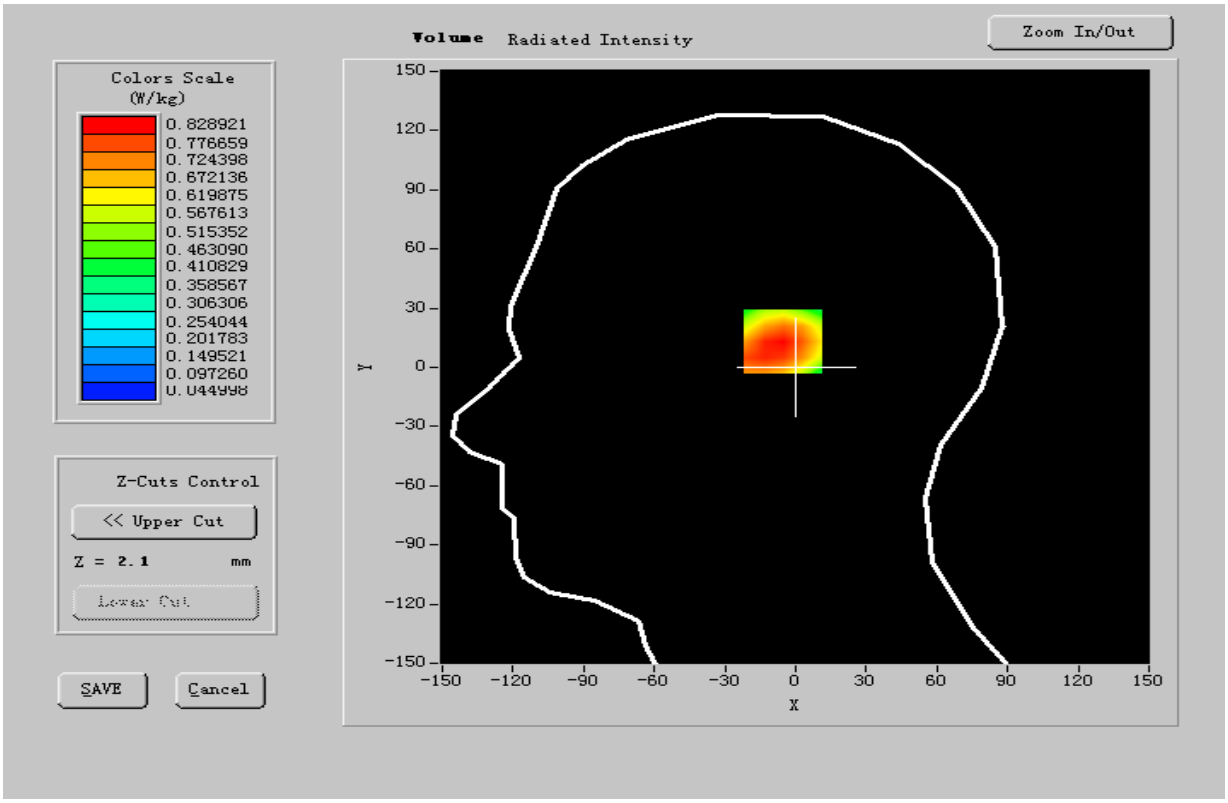
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.354108**
Relative permitivity (imaginary part)	**13.35710**
Conductivity (S/m)	**1.856720**
Variation (%)	**0.490000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	**51.18,53.87,70.48**
Crest factor:	**1:1**

SURFACE SAR



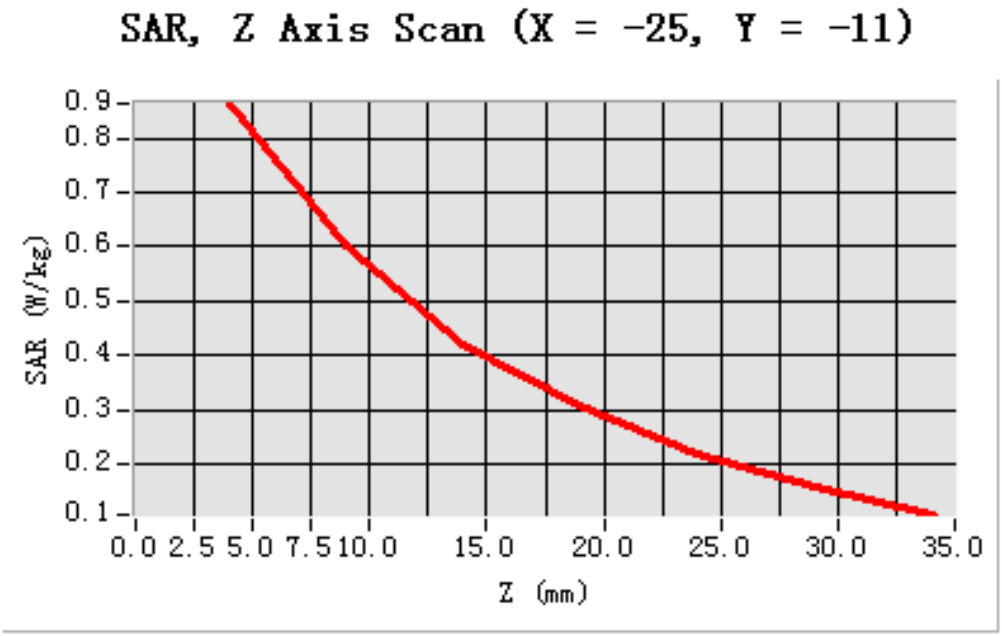
VOLUME SAR



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

SAR 10g (W/Kg)	0.098410
SAR 1g (W/Kg)	0.136471

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	Low
Signal	wireless

B. Instrumentations.

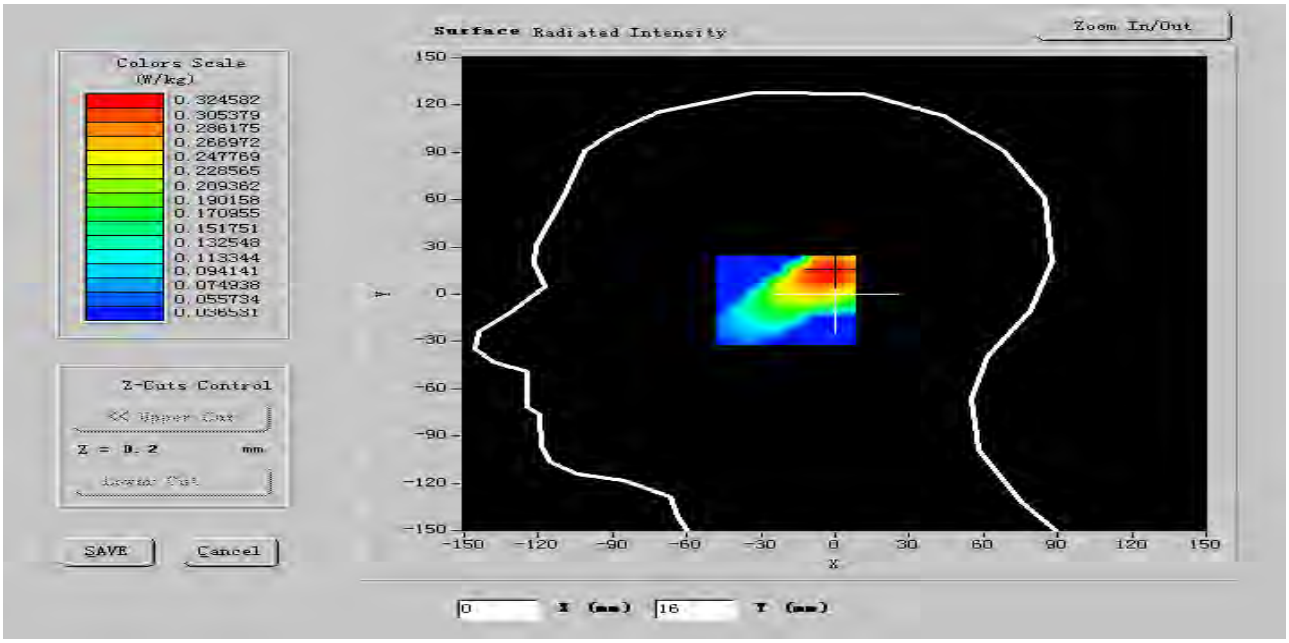
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

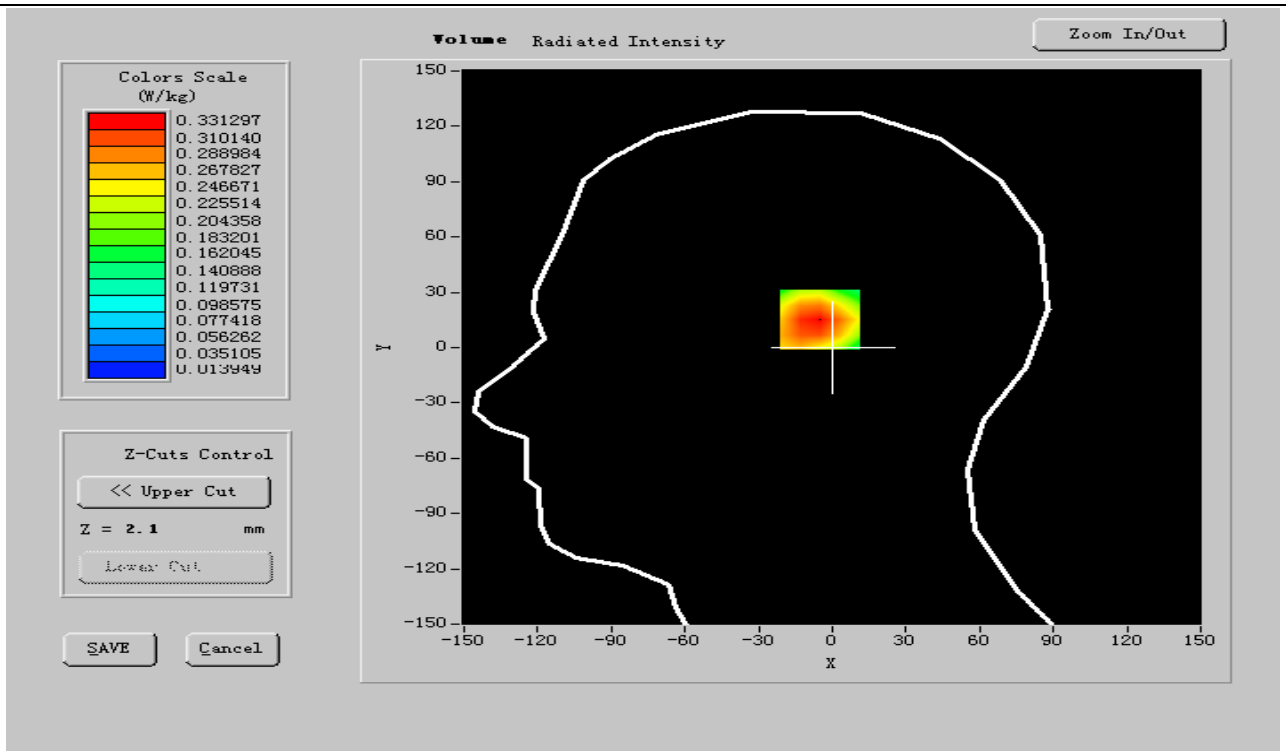
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**40.411584**
Relative permitivity (imaginary part)	**13.360591**
Conductivity (S/m)	**1.858466**
Variation (%)	**-0.600000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



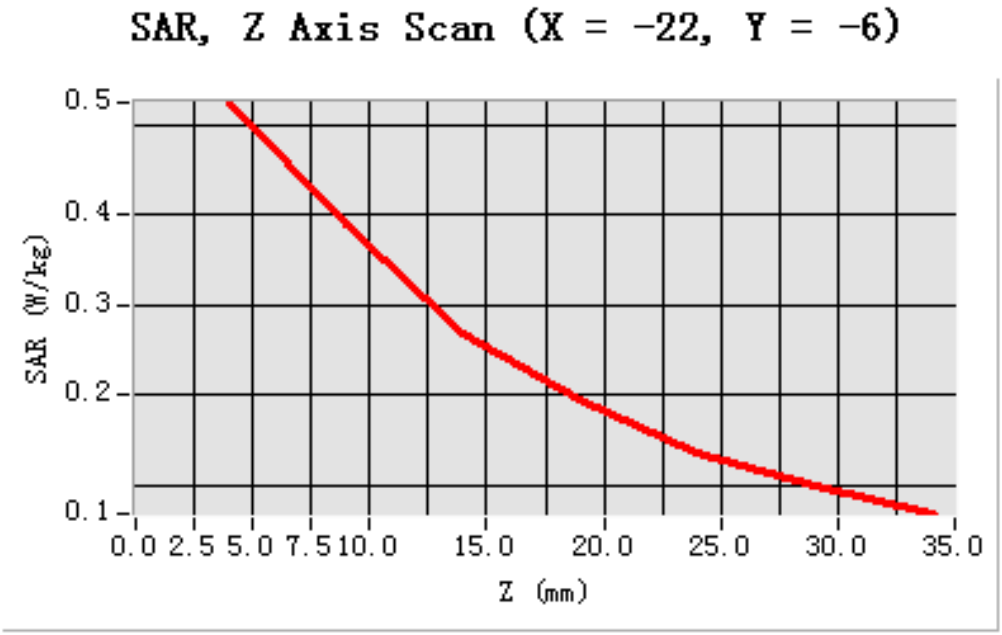
VOLUME SAR



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

SAR 10g (W/Kg)	0.102143
SAR 1g (W/Kg)	0.178426

Z Axis Scan



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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

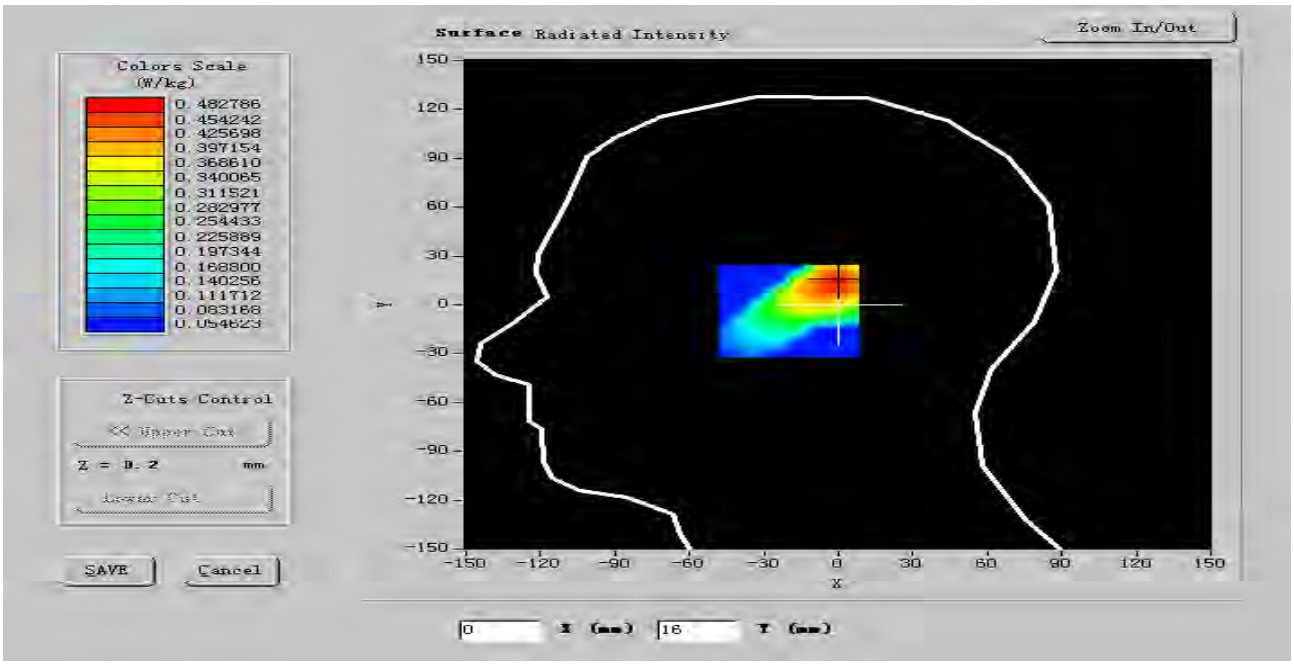
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

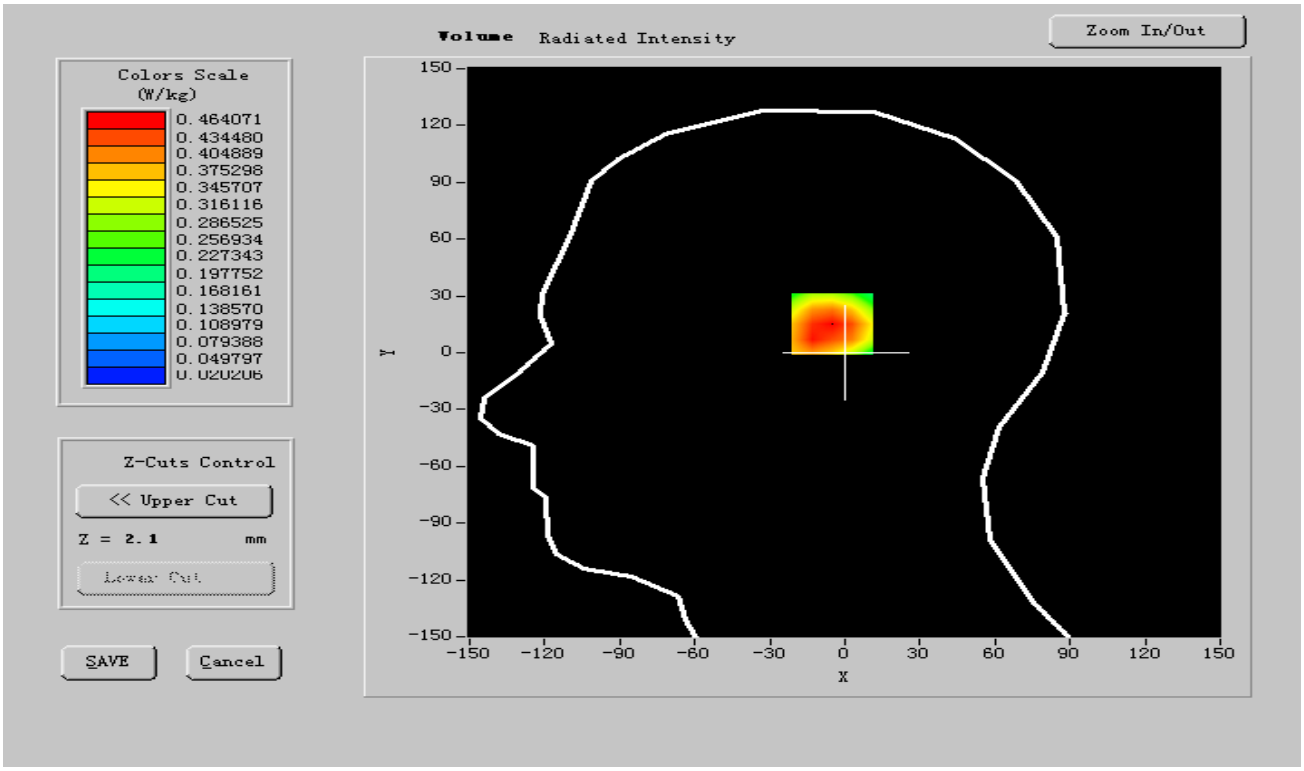
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**40.432015**
Relative permitivity (imaginary part)	**13.291614**
Conductivity (S/m)	**1.848710**
Variation (%)	**-1.100000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



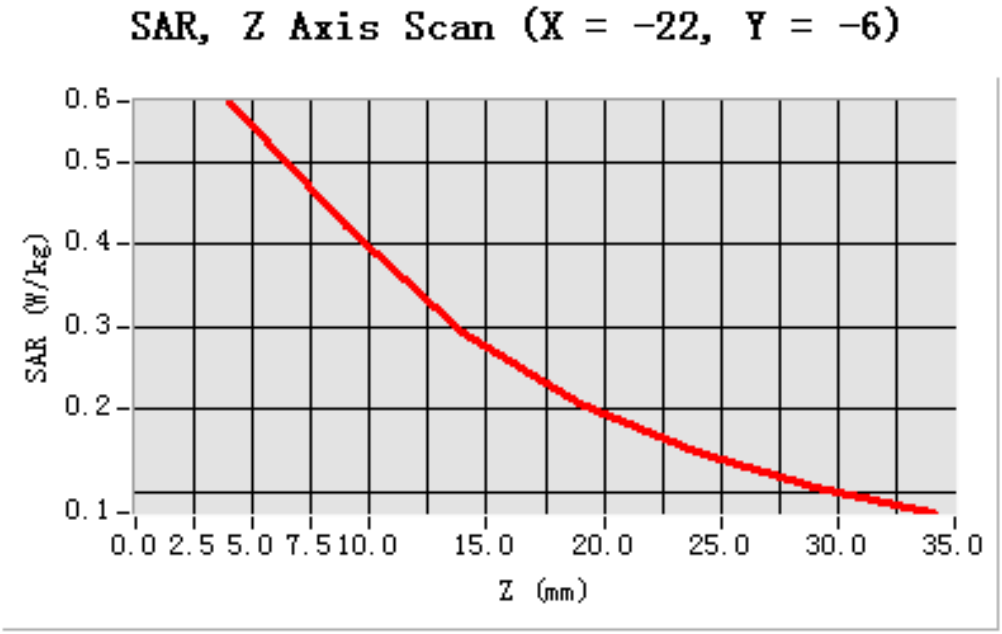
VOLUME SAR



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

SAR 10g (W/Kg)	0.101597
SAR 1g (W/Kg)	0.205473

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, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

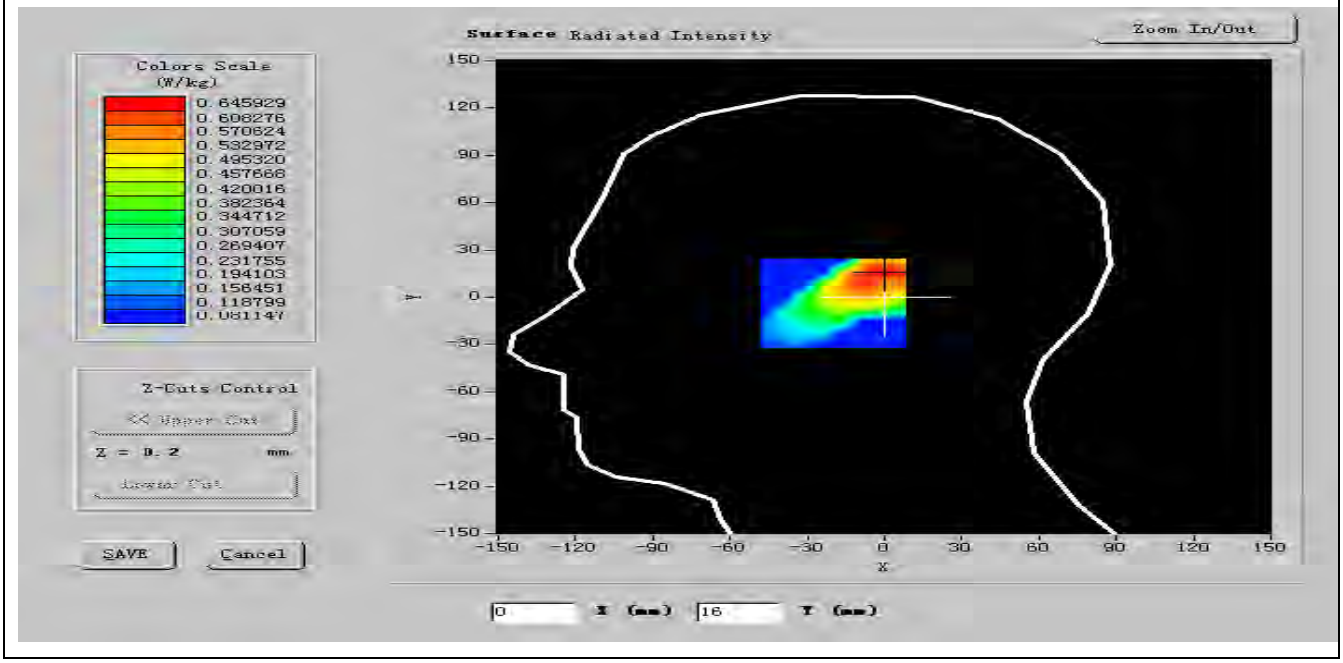
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

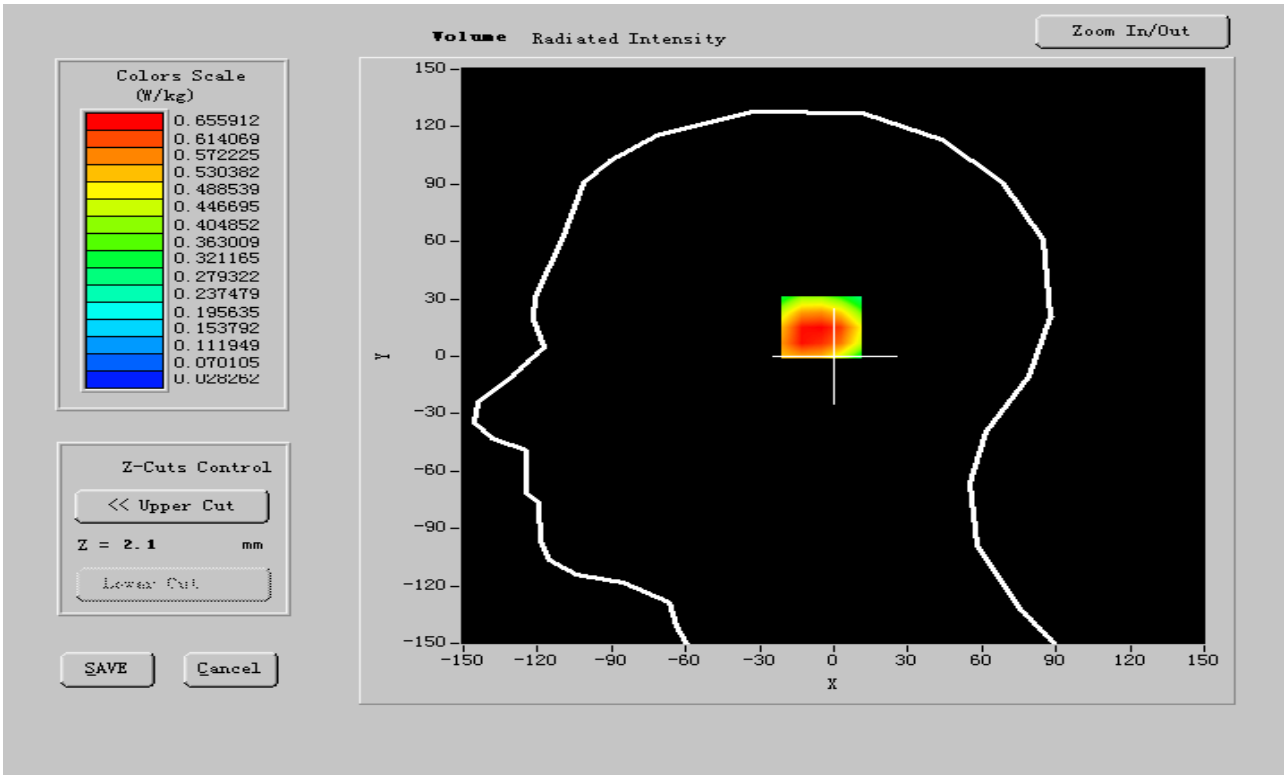
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**40.430141**
Relative permitivity (imaginary part)	**13.374121**
Conductivity (S/m)	**1.854970**
Variation (%)	**-1.110000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	51.18,53.87,70.48
Crest factor:	1:1

SURFACE SAR



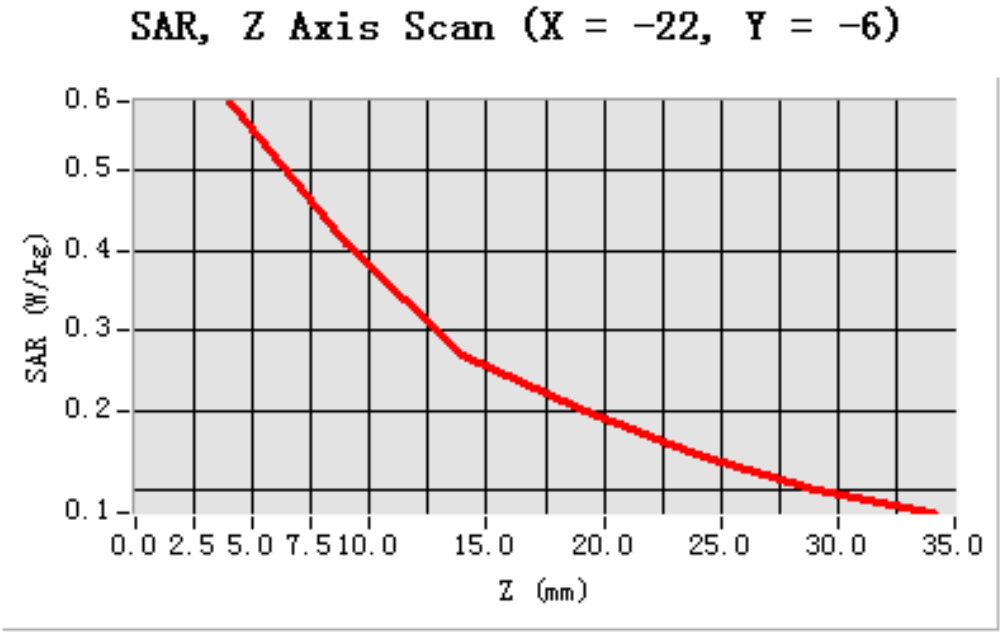
VOLUME SAR



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

SAR 10g (W/Kg)	0.157412
SAR 1g (W/Kg)	0.215489

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	802.11g
Channels	Low
Signal	wireless

B. Instrumentations.

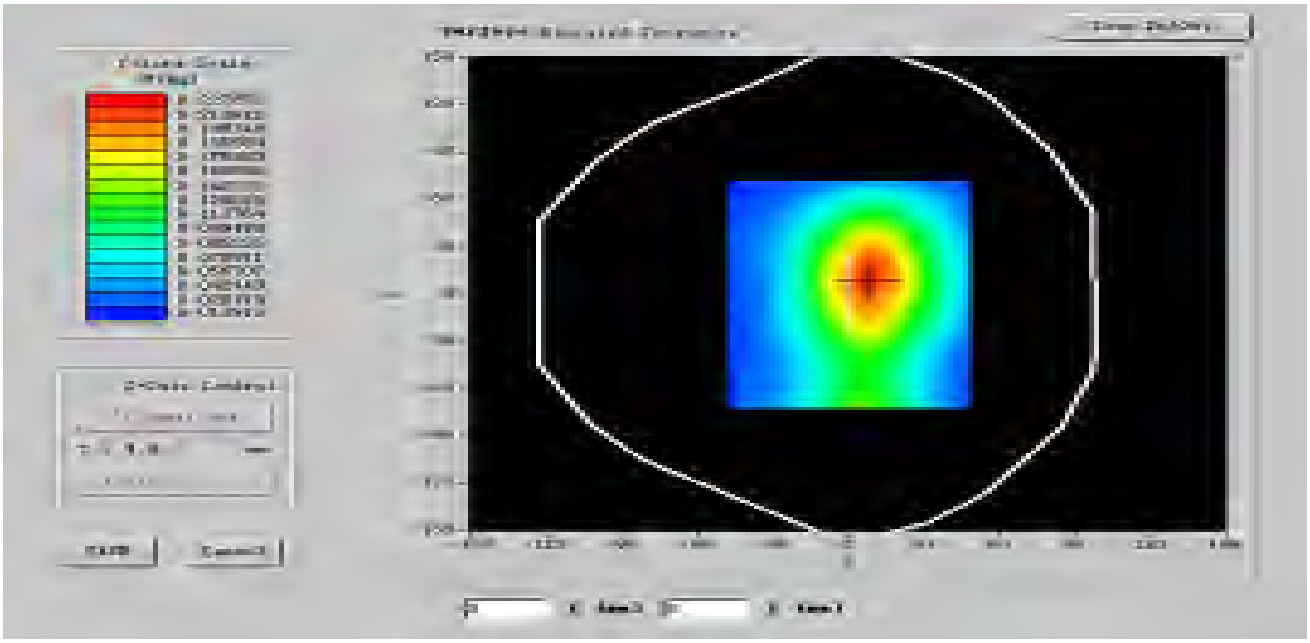
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

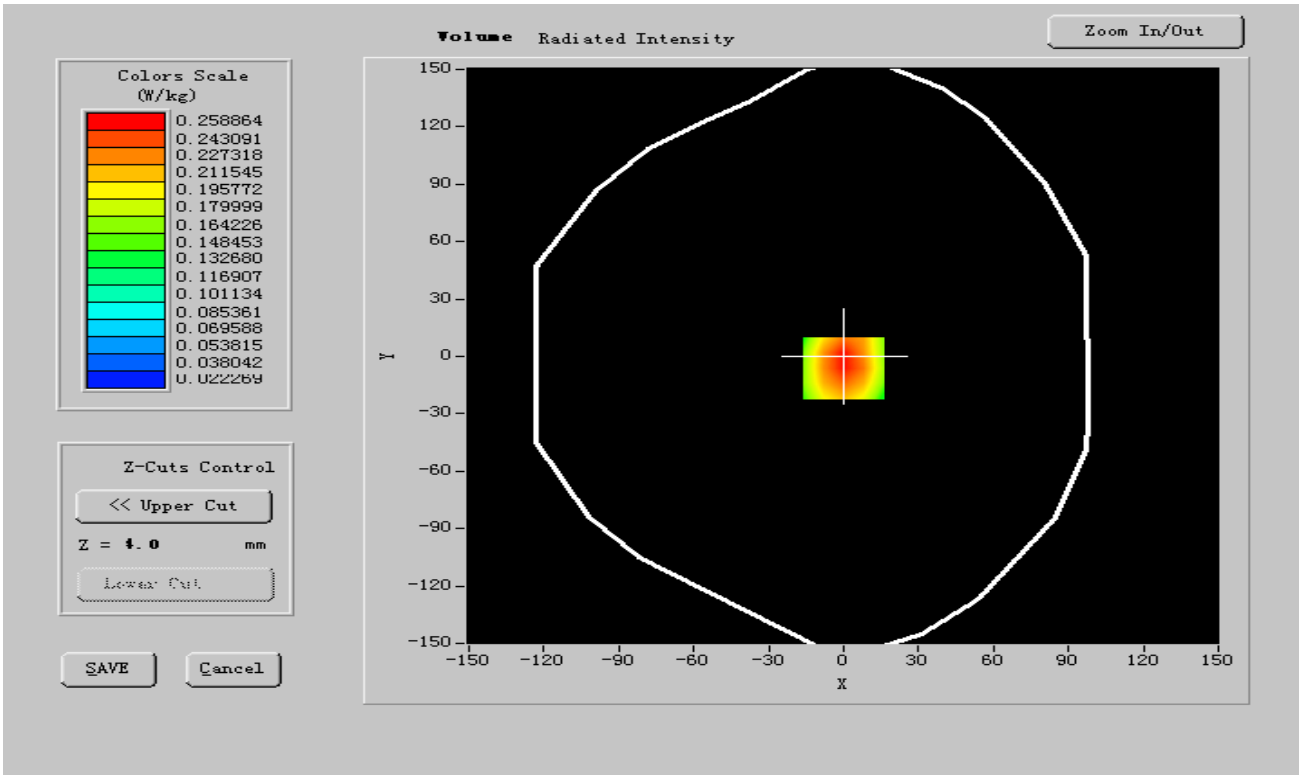
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**51.518744**
Relative permitivity (imaginary part)	**13.36810**
Conductivity (S/m)	**1.959874**
Variation (%)	**-0.140000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



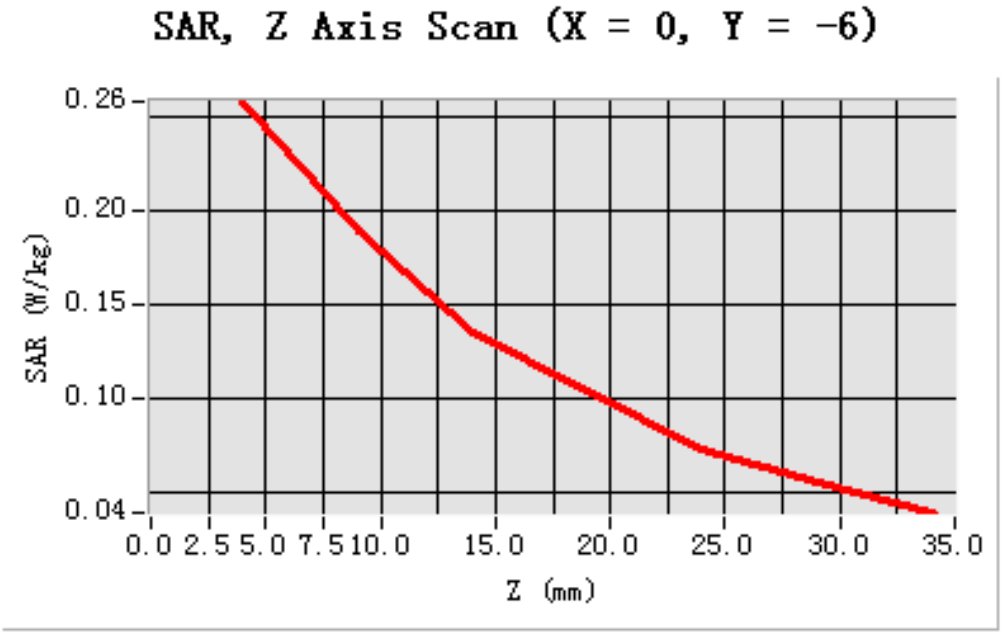
VOLUME SAR



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

SAR 10g (W/Kg)	0.035470
SAR 1g (W/Kg)	0.059324

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	802.11g
Channels	Middle
Signal	wireless

B. Instrumentations.

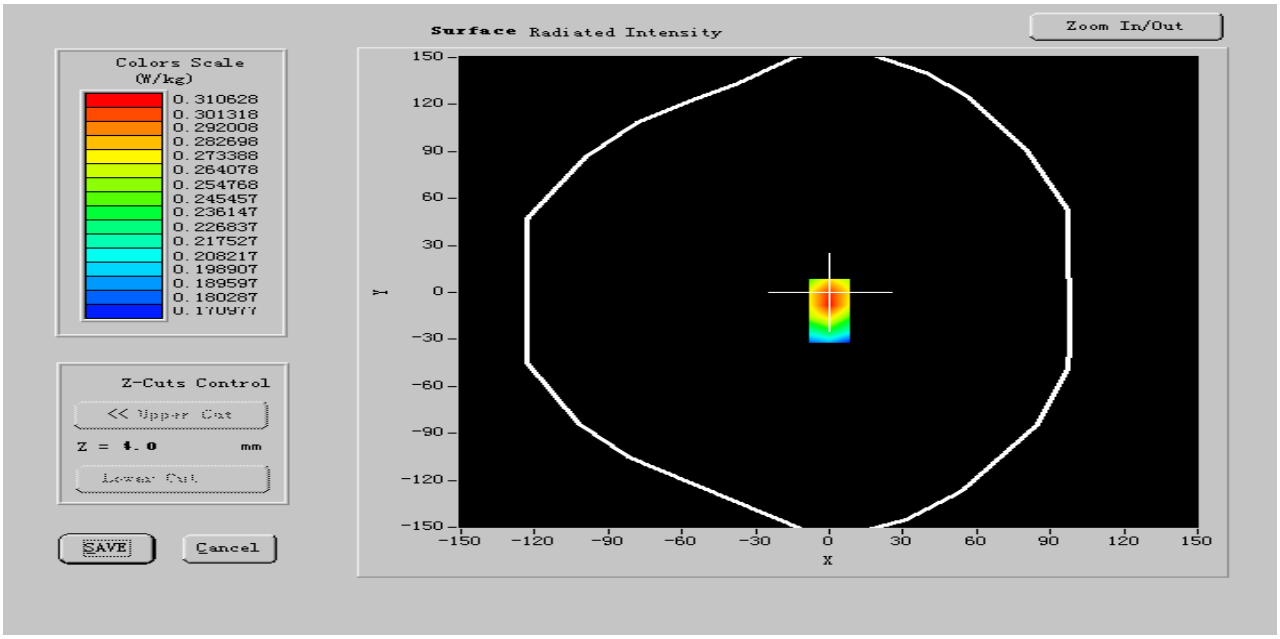
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

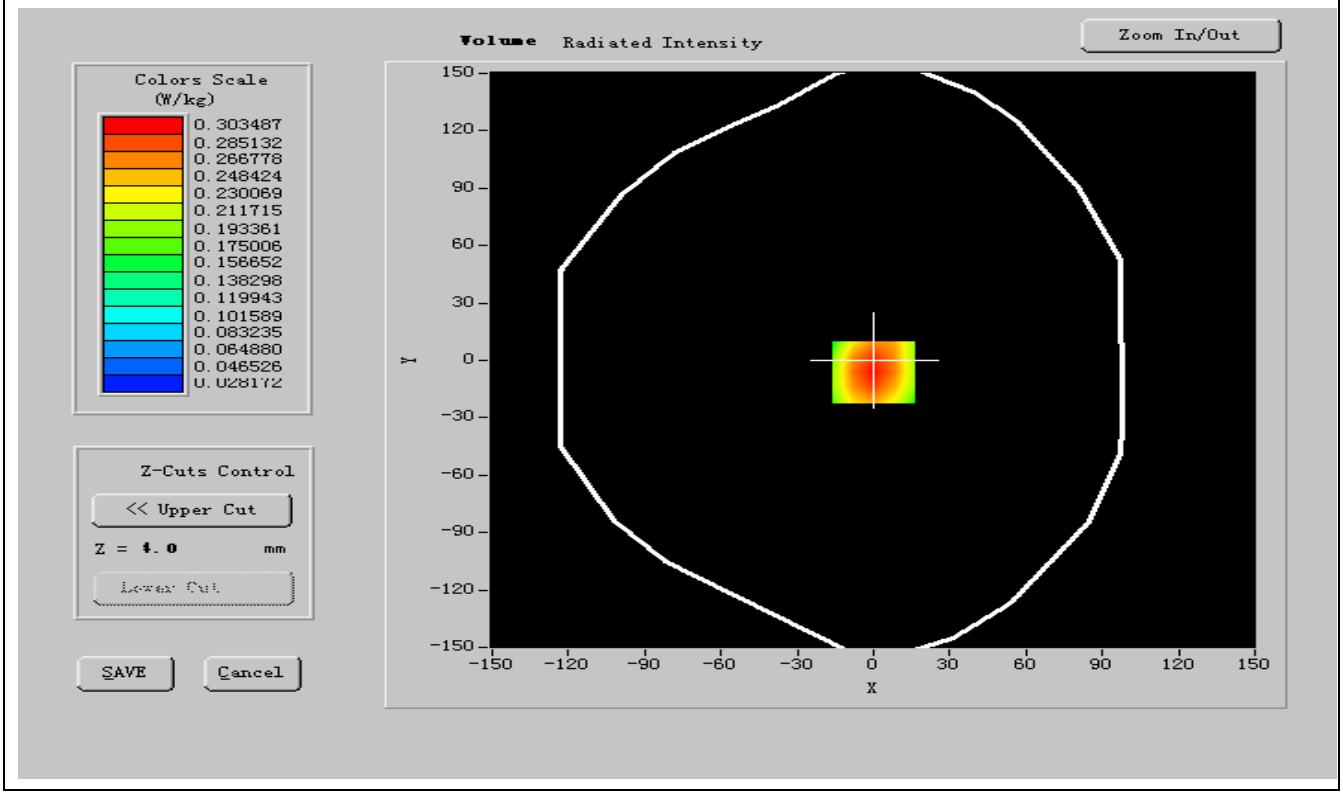
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**51.521000**
Relative permitivity (imaginary part)	**13.357011**
Conductivity (S/m)	**1.959871**
Variation (%)	**-0.600000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



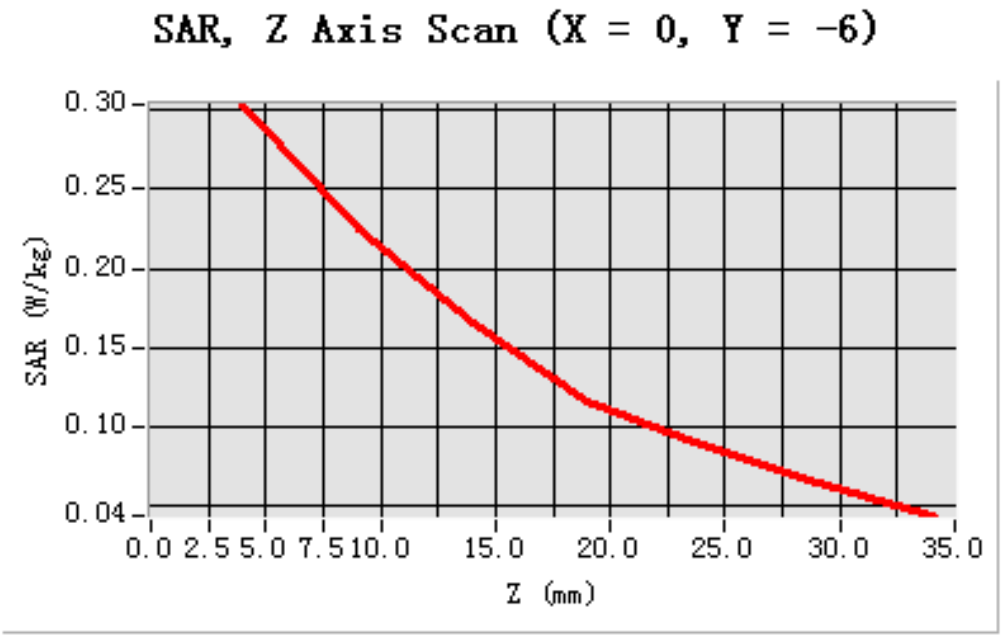
VOLUME SAR



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

SAR 10g (W/Kg)	0.054701
SAR 1g (W/Kg)	0.077851

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	802.11g
Channels	High
Signal	wireless

B. Instrumentations.

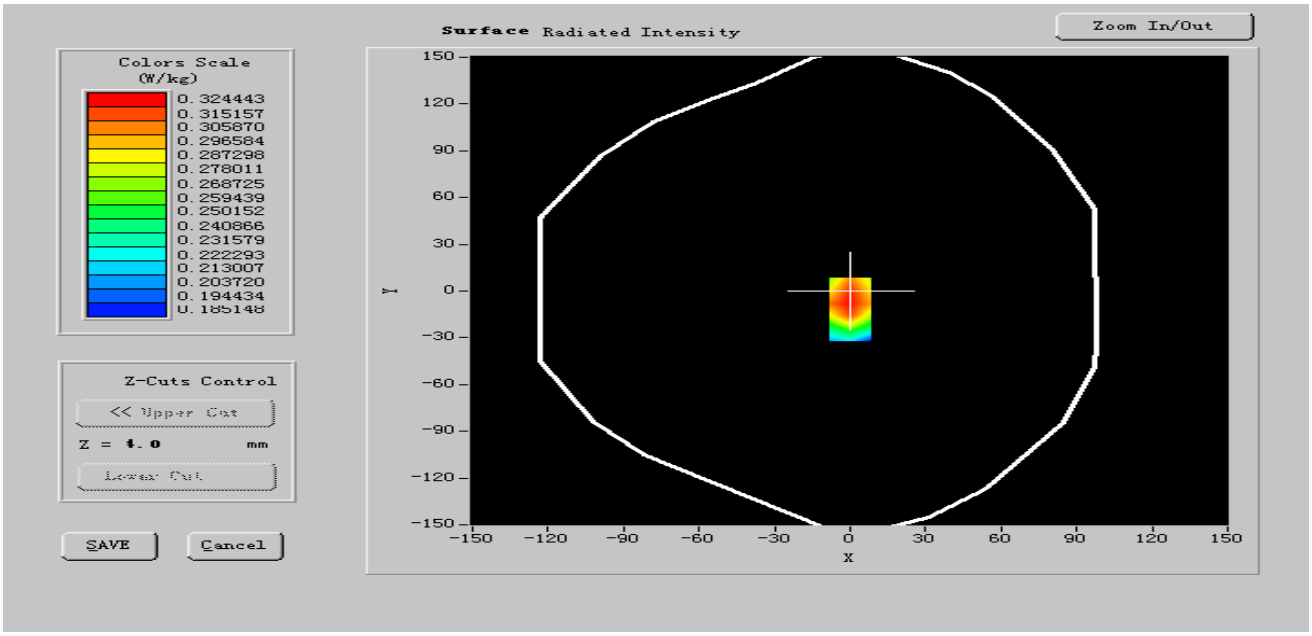
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

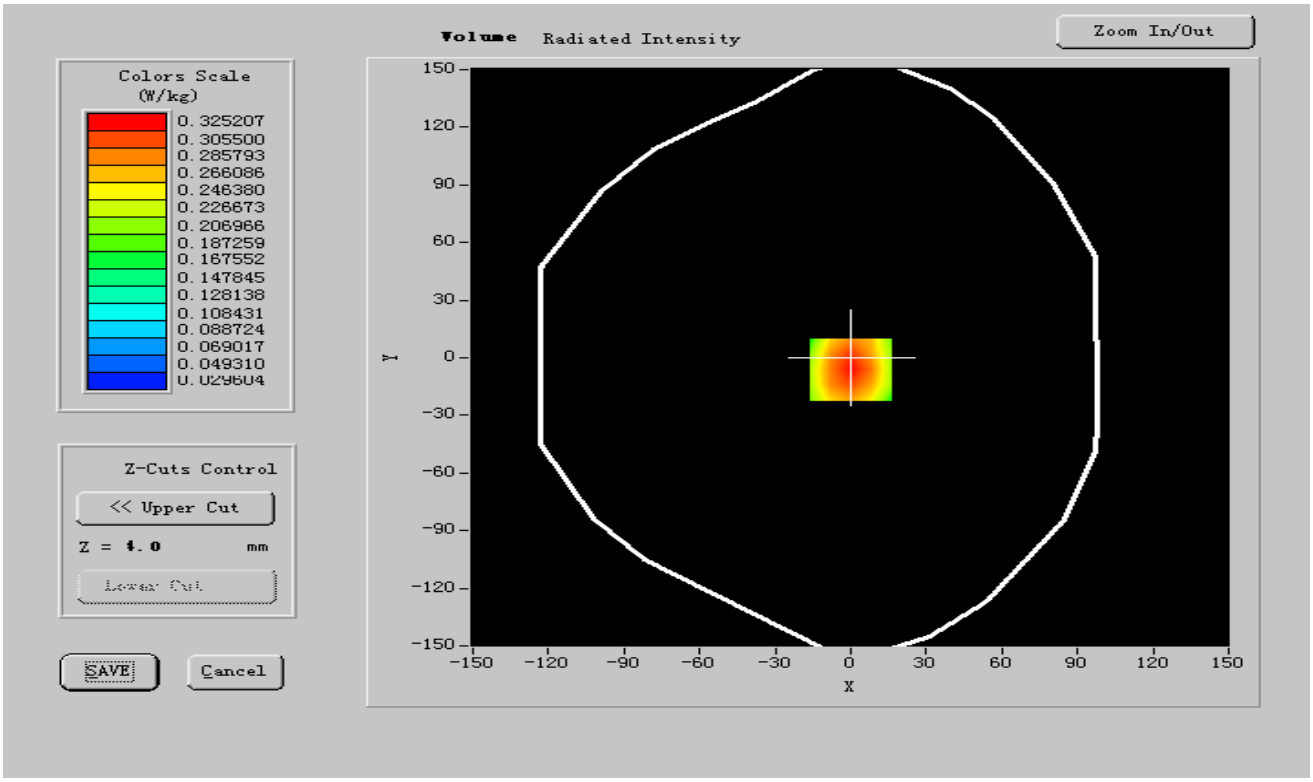
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**51.536640**
Relative permitivity (imaginary part)	**13.380026**
Conductivity (S/m)	**1.959641**
Variation (%)	**-0.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



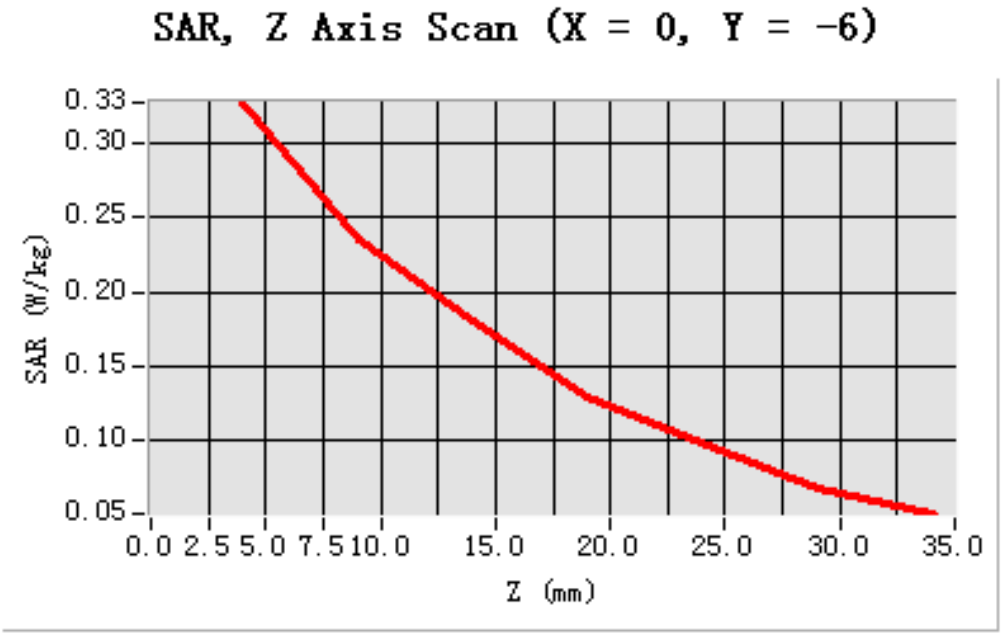
VOLUME SAR



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

SAR 10g (W/Kg)	0.057418
SAR 1g (W/Kg)	0.089157

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	802.11g
Channels	Low
Signal	wireless

B. Instrumentations.

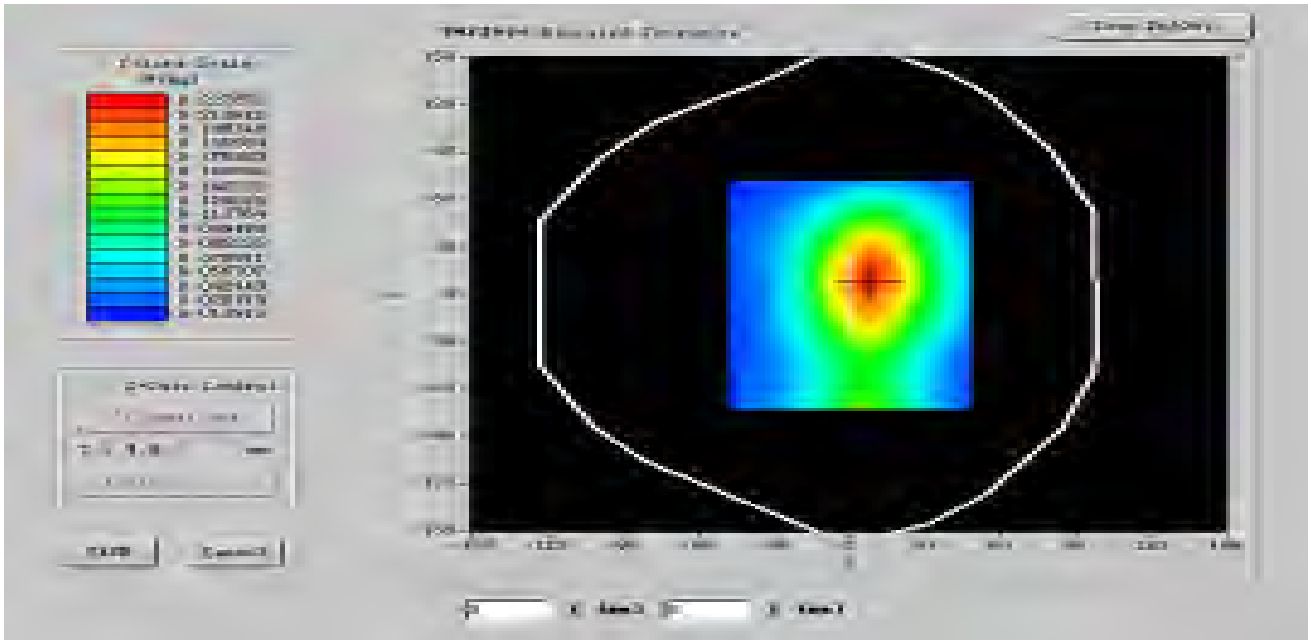
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

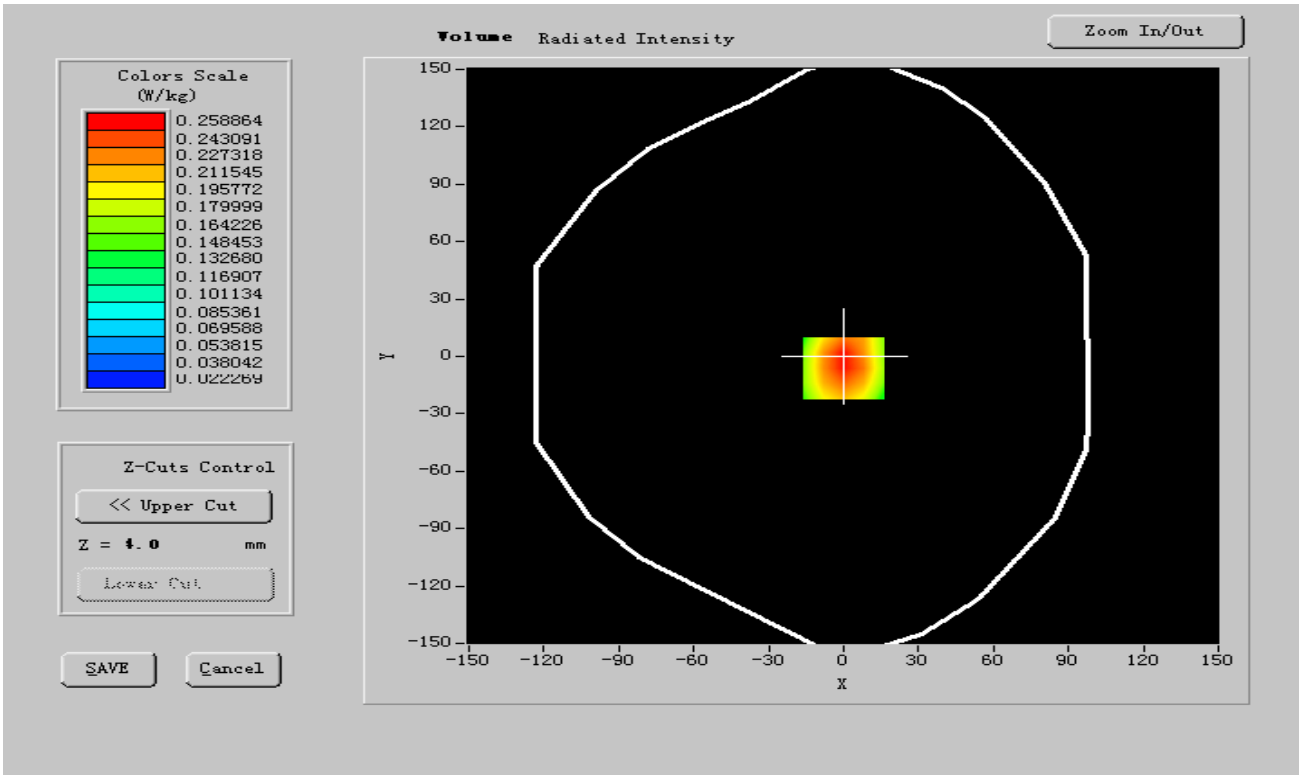
Frequency (MHz)	**2412.000000**
Relative permitivity (real part)	**51.526981**
Relative permitivity (imaginary part)	**13.357411**
Conductivity (S/m)	**1.957404**
Variation (%)	**-0.110000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**
ConvF:	**50.35,52.98,69.78**

Crest factor:	1:1

SURFACE SAR



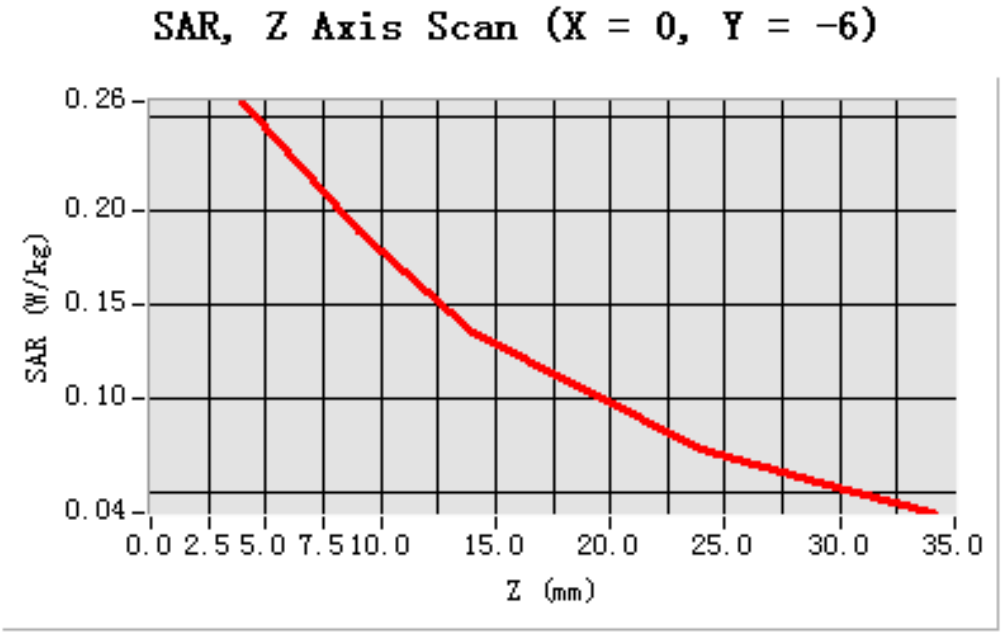
VOLUME SAR



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

SAR 10g (W/Kg)	0.041210
SAR 1g (W/Kg)	0.077450

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	802.11b
Channels	Middle
Signal	wireless

B. Instrumentations.

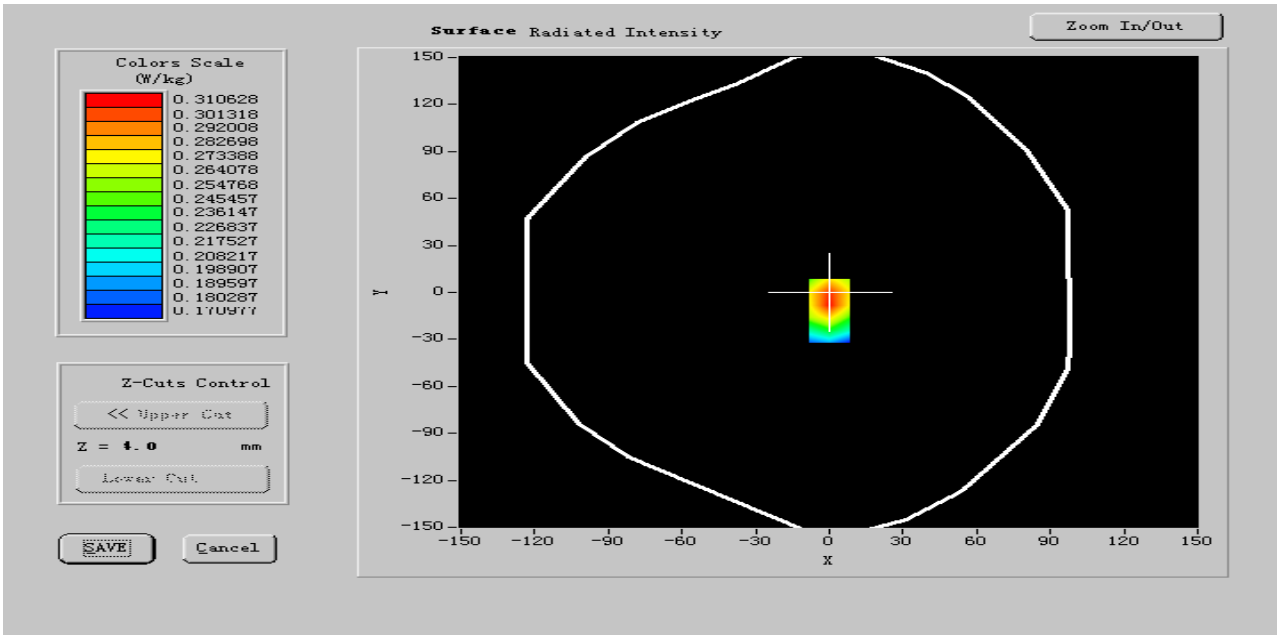
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

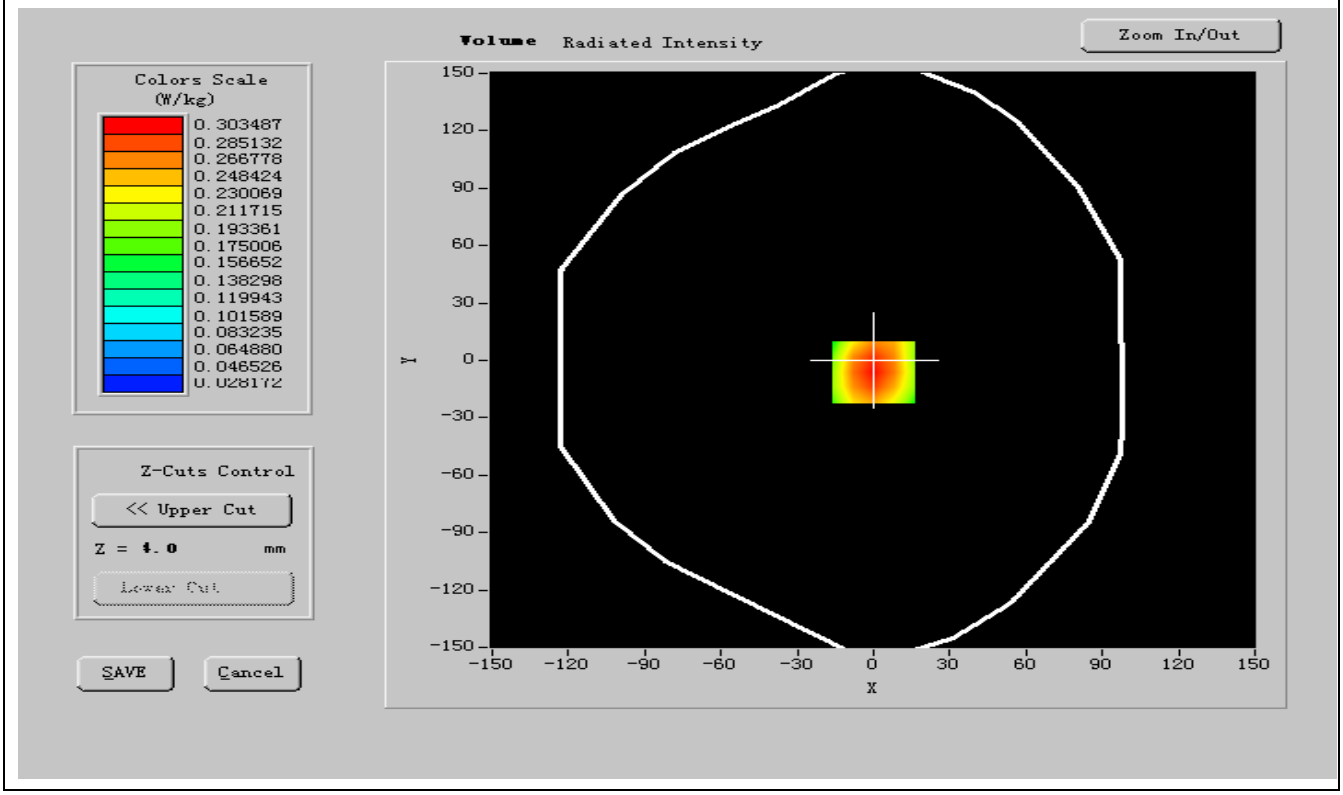
Frequency (MHz)	**2437.000000**
Relative permitivity (real part)	**51.512500**
Relative permitivity (imaginary part)	**13.358011**
Conductivity (S/m)	**1.954720**
Variation (%)	**-0.600000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

ConvF:	50.35,52.98,69.78
Crest factor:	1:1

SURFACE SAR



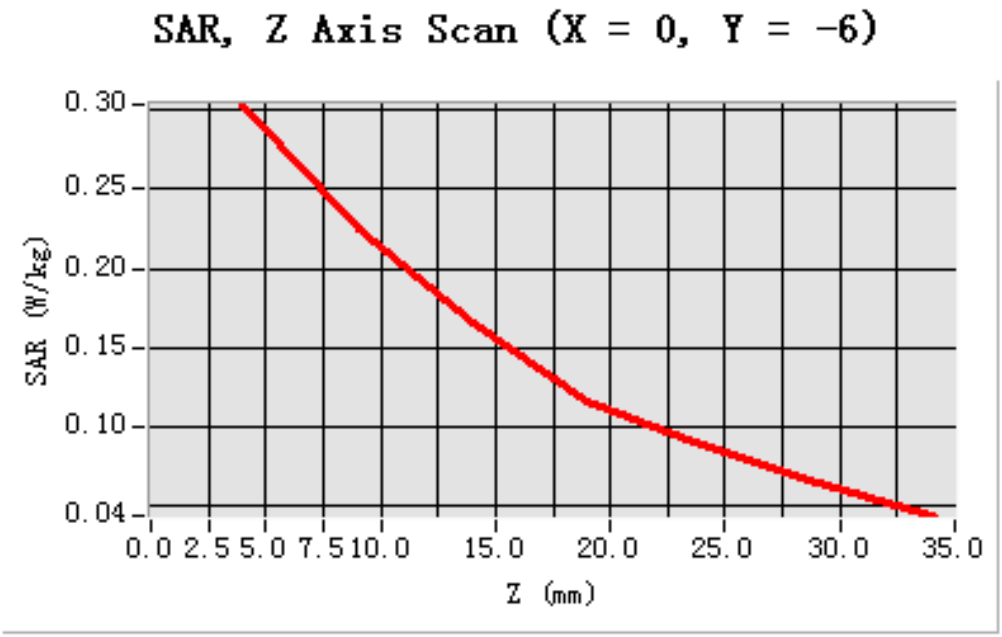
VOLUME SAR



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

SAR 10g (W/Kg)	0.074150
SAR 1g (W/Kg)	0.098731

Z Axis Scan



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, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	802.11b
Channels	High
Signal	wireless

B. Instrumentations.

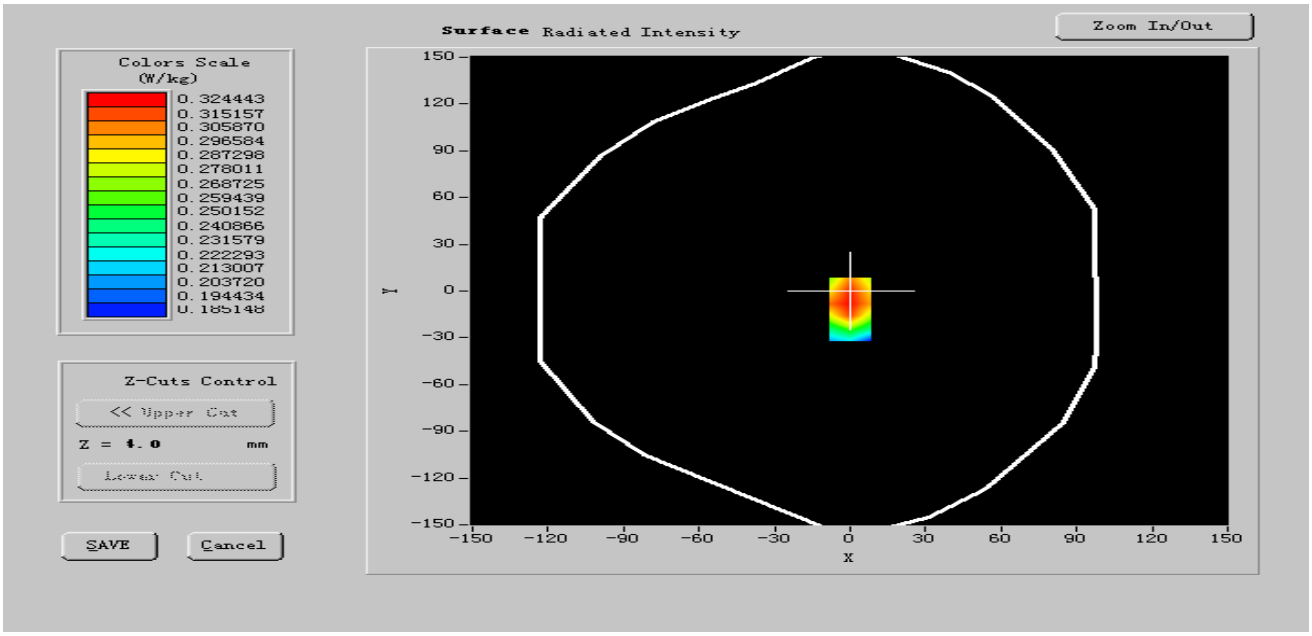
PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibrated: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 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

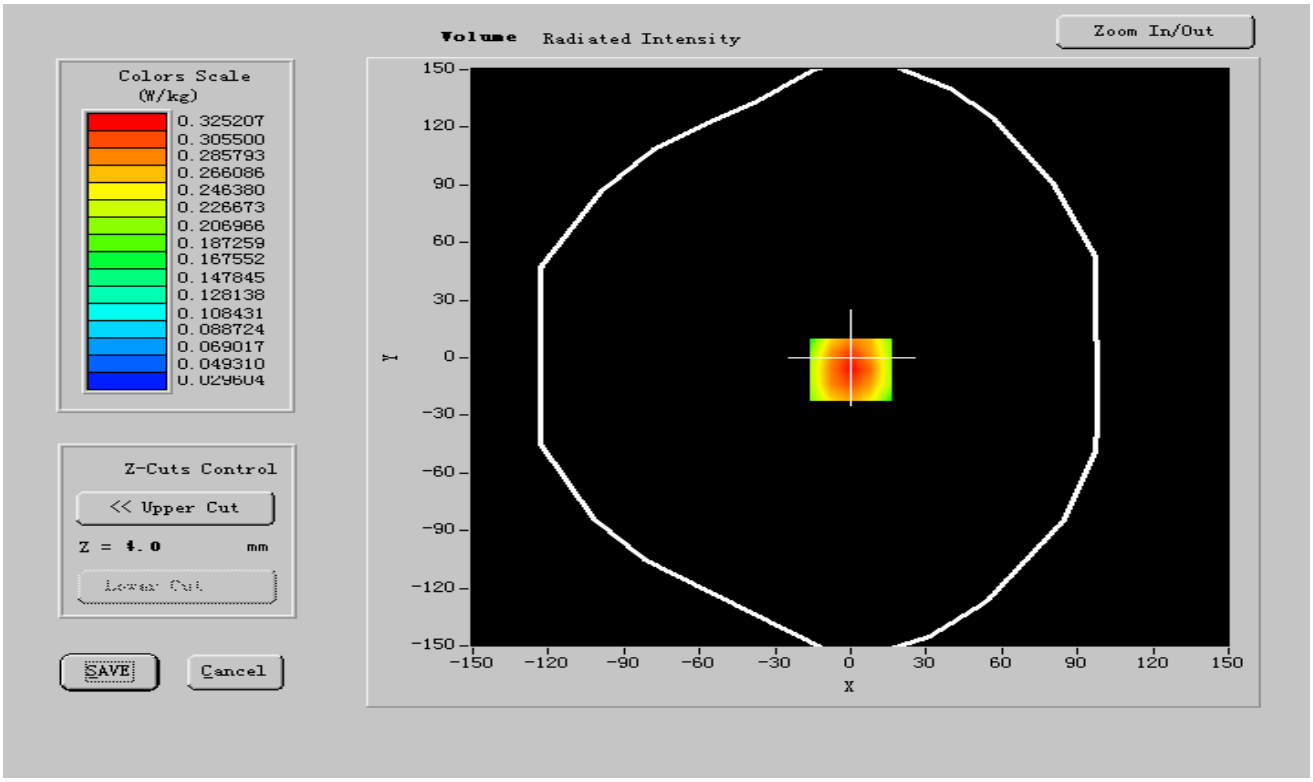
Frequency (MHz)	**2462.000000**
Relative permitivity (real part)	**51.549840**
Relative permitivity (imaginary part)	**13.389326**
Conductivity (S/m)	**1.958413**
Variation (%)	**-0.400000**
Ambient Temperature:	**21 °C**
Liquid Temperature:	**20 °C**

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)	0.047125
SAR 1g (W/Kg)	0.065415

Z Axis Scan