Ⅱ. 1900MHz Band RESULTS

TYPE	PARAMETERS
Phone	Measurement 1: Right Head with Cheek device position on Low Channel in GSM1900 mode Measurement 2: Right Head with Cheek device position on Middle Channel in GSM1900 mode Measurement 3: Right Head with Cheek device position on High Channel in GSM1900 mode Measurement 4: Right Head with Tilt device position on Low Channel in GSM1900 mode Measurement 5: Right Head with Tilt device position on Middle Channel in GSM1900 mode Measurement 6: Right Head with Tilt device position on High Channel in GSM1900 mode Measurement 7: Left Head with Cheek device position on Low Channel in GSM1900 mode Measurement 8: Left Head with Cheek device position on Middle Channel in GSM1900 mode Measurement 9: Left Head with Cheek device position on High Channel in GSM1900 mode Measurement 10: Left Head with Tilt device position on Low Channel in GSM1900 mode Measurement 11: Left Head with Tilt device position on Middle Channel in GSM1900 mode Measurement 12: Left Head with Tilt device position on High Channel in GSM1900 mode Measurement 13: BackSide toward phantom 15mm, Low Channel in GSM1900 mode Measurement 14: BackSide toward phantom 15mm, Middle Channel in GSM1900 mode Measurement 15: BackSide toward phantom 15mm, High Channel in GSM1900 mode Measurement 16: BackSide toward phantom 15mm, Low Channel in GPRS1900 mode Measurement 17: BackSide toward phantom 15mm, Middle Channel in GPRS1900 mode Measurement 18: BackSide toward phantom 15mm, High Channel in GPRS1900 mode Measurement 19: FrontSide toward phantom 15mm, Low Channel in GSM1900 mode Measurement 20: FrontSide toward phantom 15mm, Middle

	Channel in GSM1900 mode Measurement 21: FrontSide toward phantom 15mm, High Channel in GSM1900 mode Measurement 22: FrontSide toward phantom 15mm, Low Channel in GPRS1900 mode Measurement 23: FrontSide toward phantom 15mm, Middle Channel in GPRS1900 mode Measurement 24: FrontSide toward phantom 15mm, High Channel in GPRS1900 mode

MEASUREMENT 1

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	Low
Signal	GSM

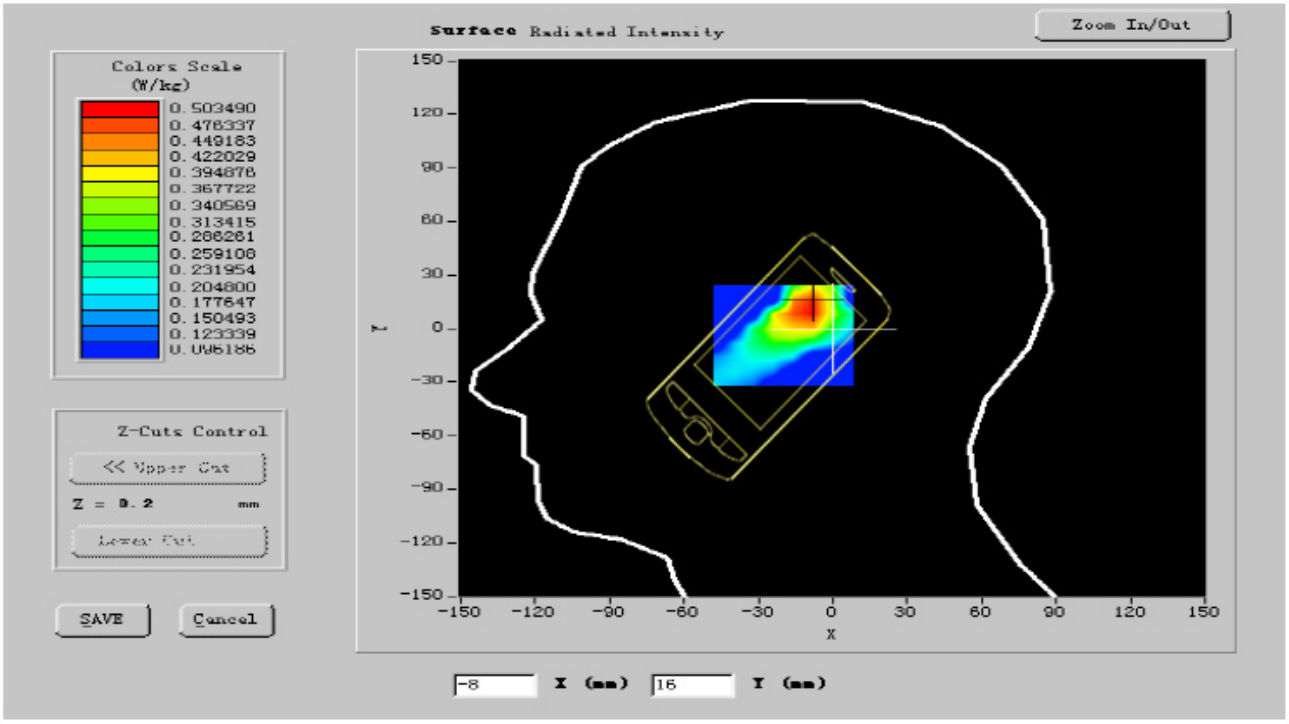
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

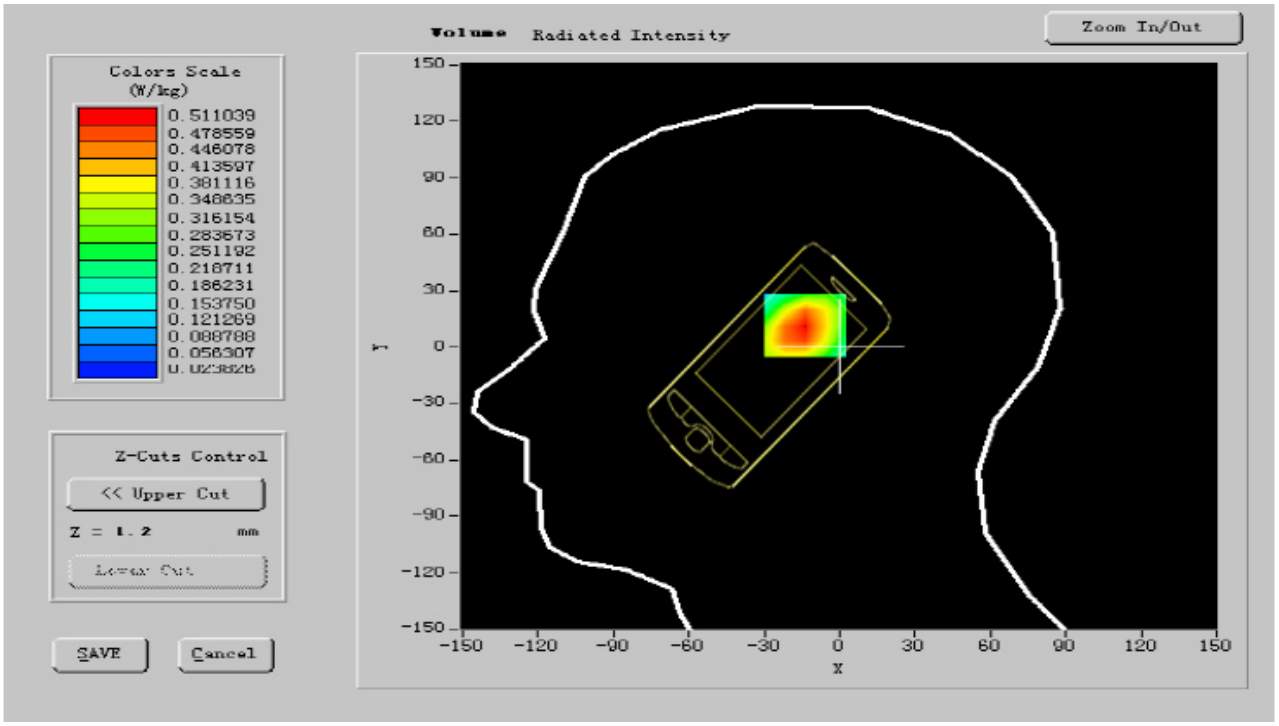
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**40.236200**
Relative permitivity (imaginary part)	**13.581900**
Conductivity (S/m)	**1.418172**
Variation (%)	**-1.220000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor:	**1:8**

SURFACE SAR



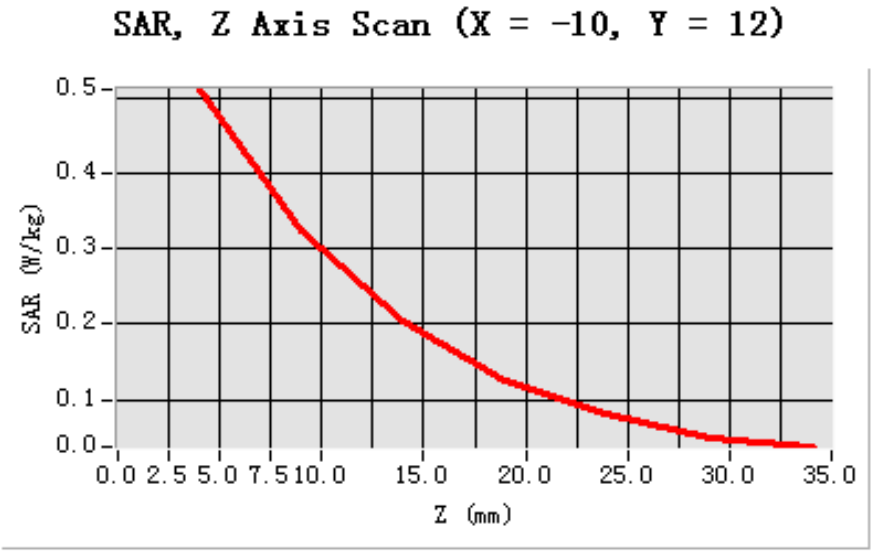
VOLUME SAR



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

SAR 10g (W/Kg)	0.630347
SAR 1g (W/Kg)	0.541723

Z Axis Scan



MEASUREMENT 2

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	Middle
Signal	GSM

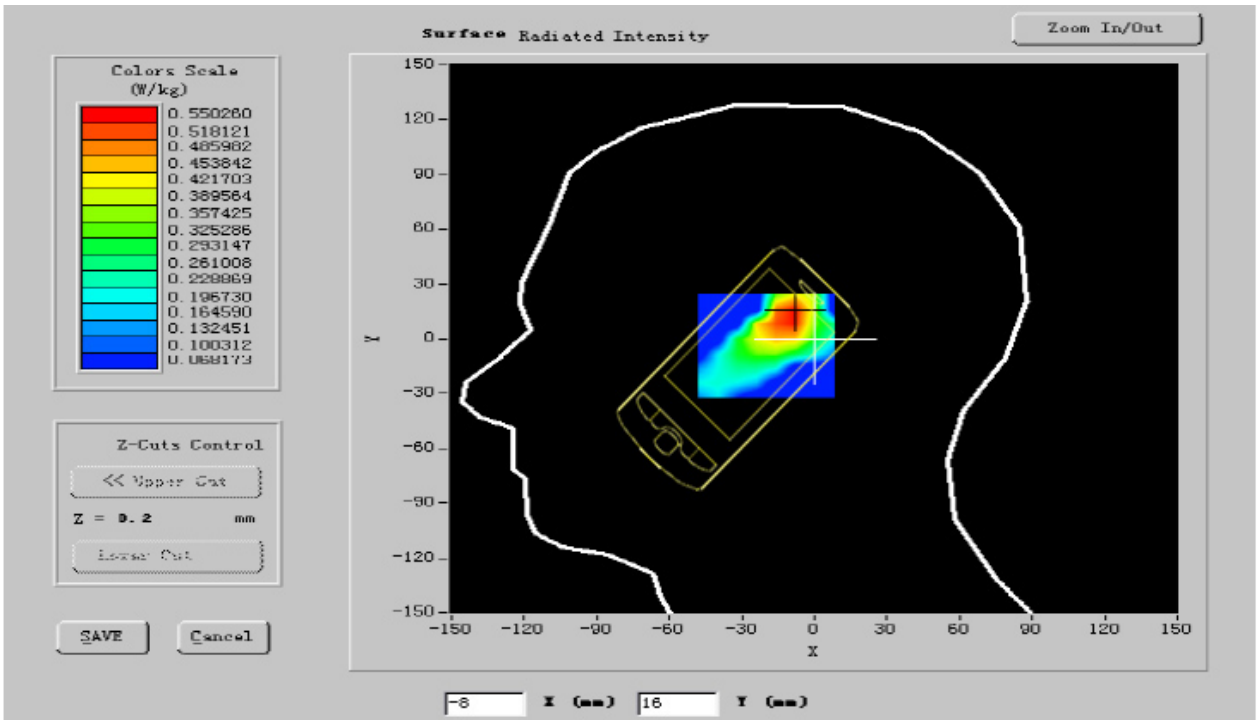
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

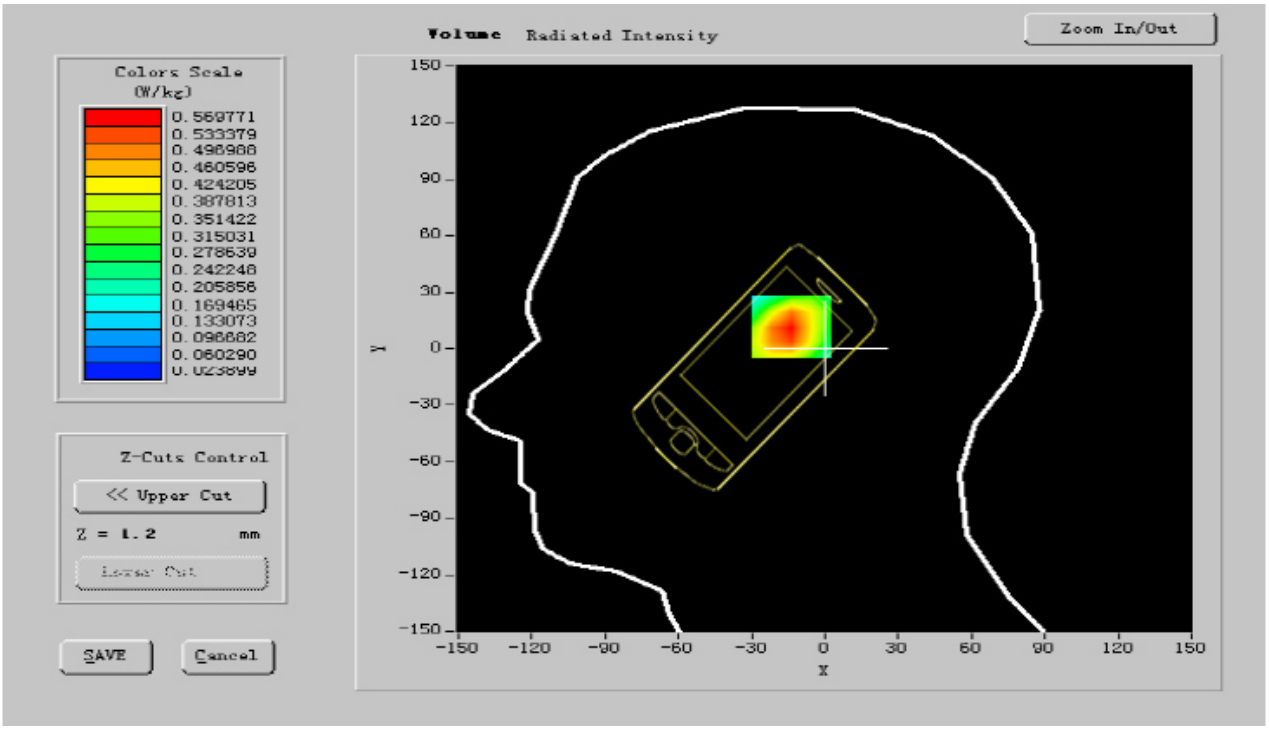
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**40.191701**
Relative permitivity (imaginary part)	**13.818560**
Conductivity (S/m)	**1.452570**
Variation (%)	**-0.210000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor：	**1:8**

SURFACE SAR



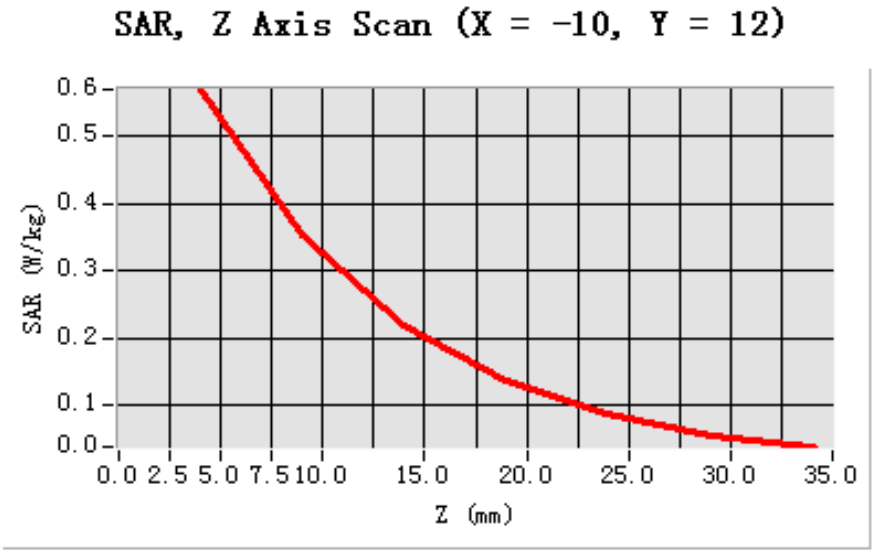
VOLUME SAR



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

SAR 10g (W/Kg)	0.711074
SAR 1g (W/Kg)	0.512731

Z Axis Scan



MEASUREMENT 3

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	High
Signal	GSM

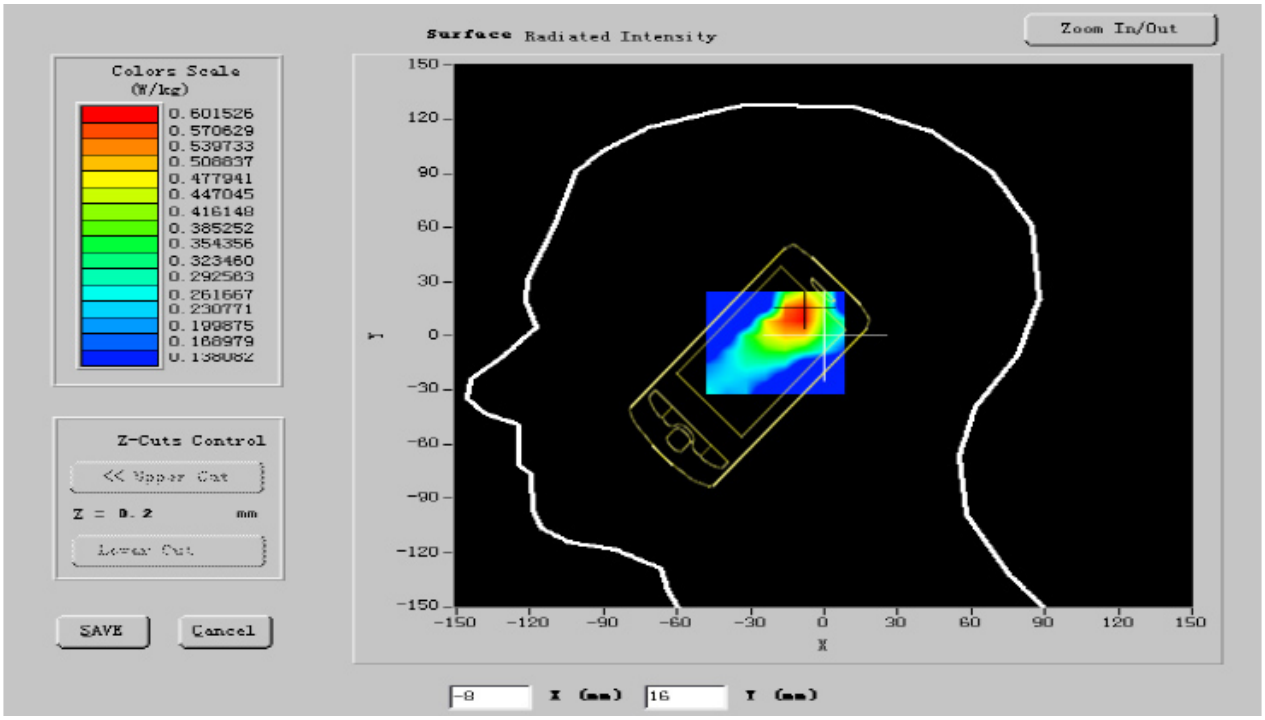
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

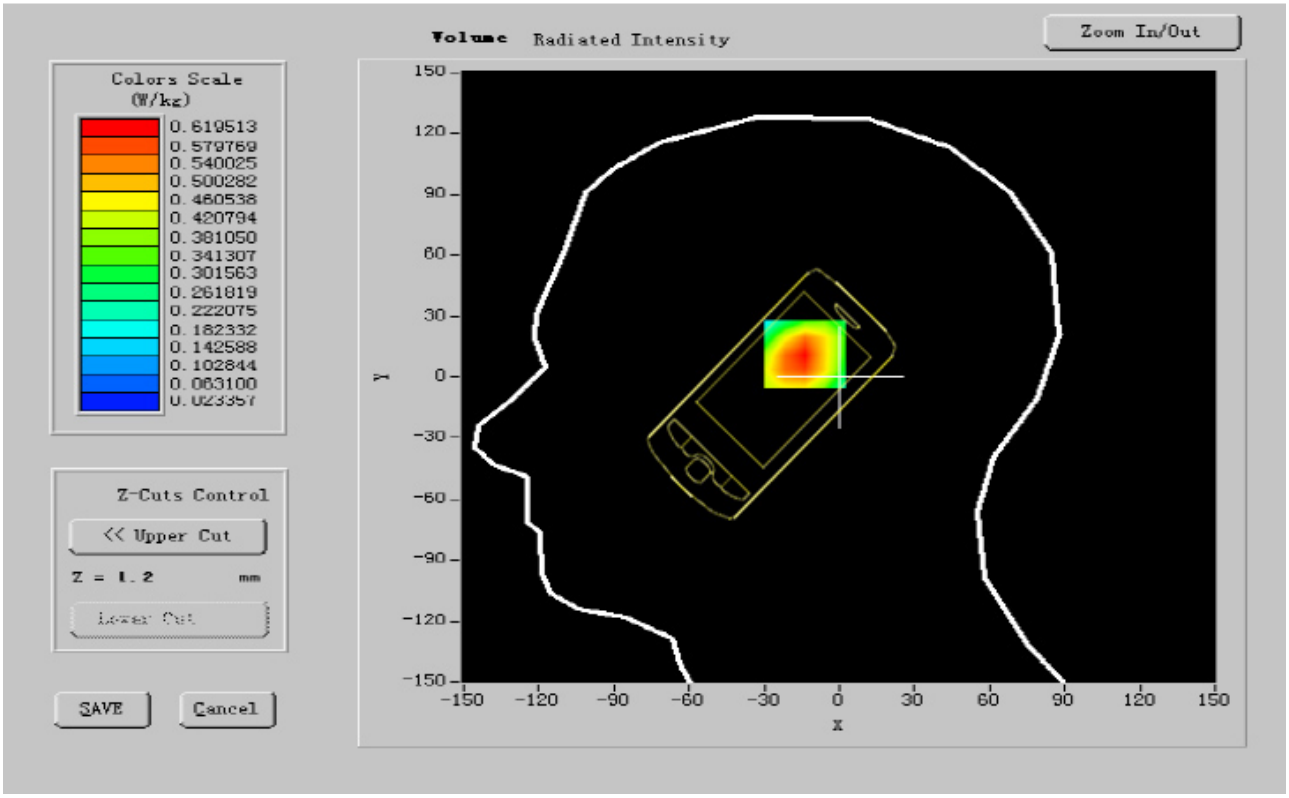
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**40.205029**
Relative permitivity (imaginary part)	**13.661999**
Conductivity (S/m)	**1.424053**
Variation (%)	**-0.030000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor:	**1:8**

SURFACE SAR



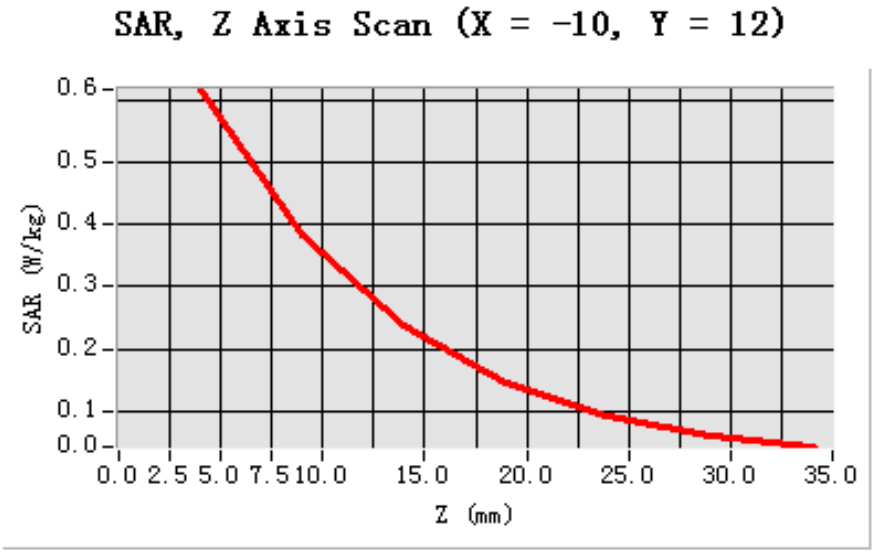
VOLUME SAR



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

SAR 10g (W/Kg)	0.861727
SAR 1g (W/Kg)	0.442159

Z Axis Scan



MEASUREMENT 4

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	GSM1900
Channels	Low
Signal	GSM

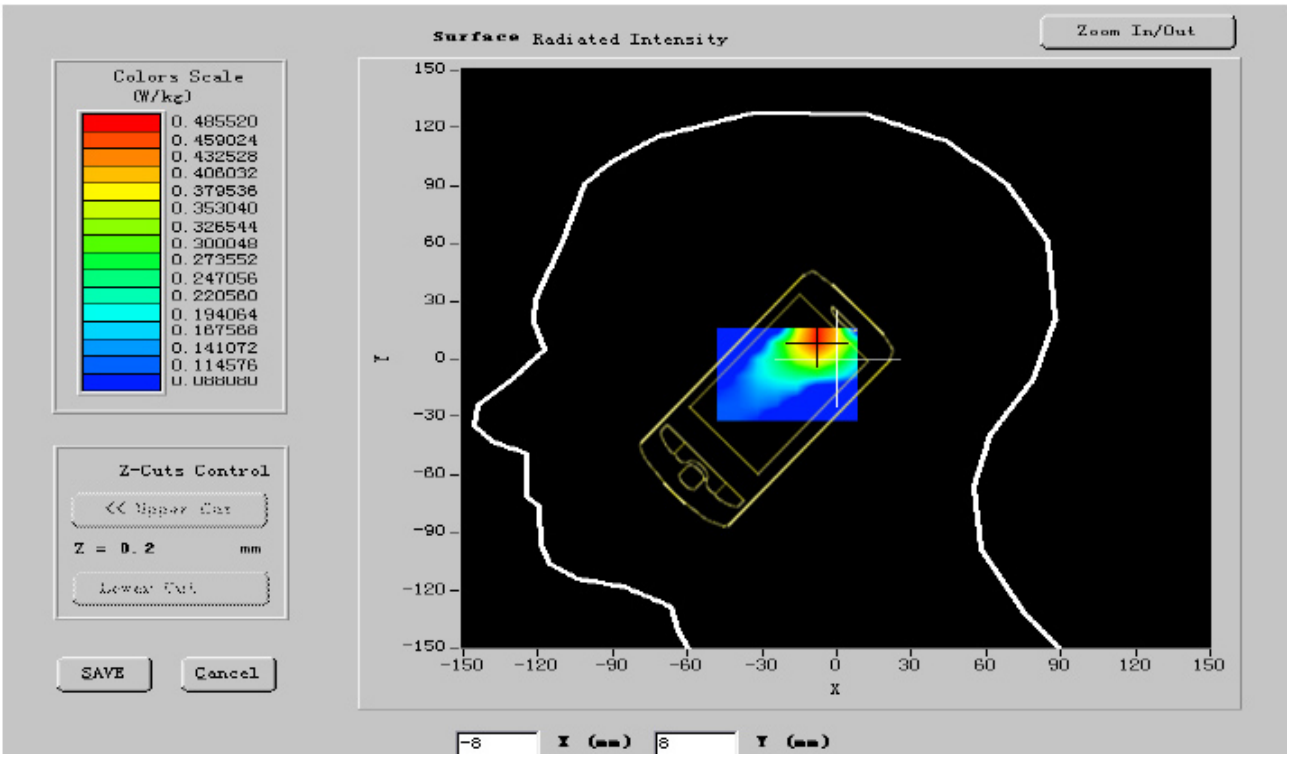
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

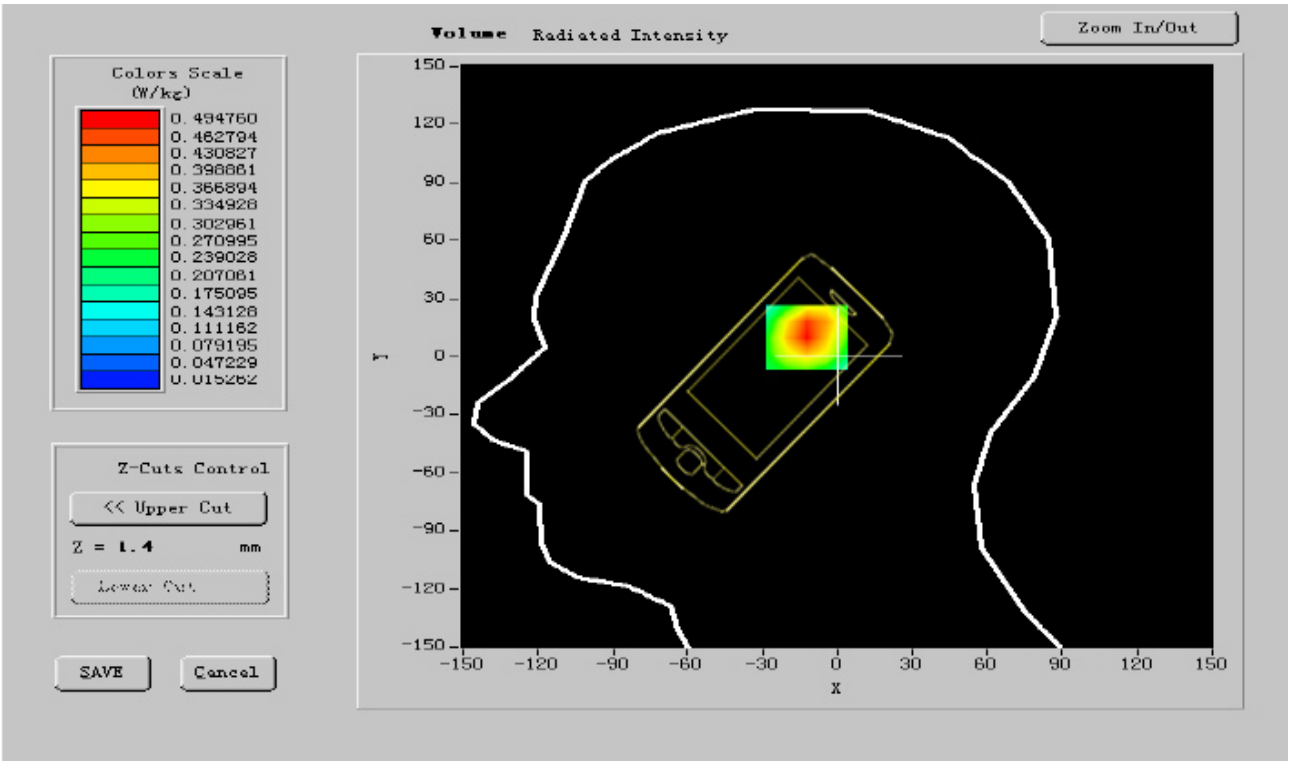
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**40.211030**
Relative permitivity (imaginary part)	**13.584600**
Conductivity (S/m)	**1.426576**
Variation (%)	**-1.400000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor:	**1:8**

SURFACE SAR



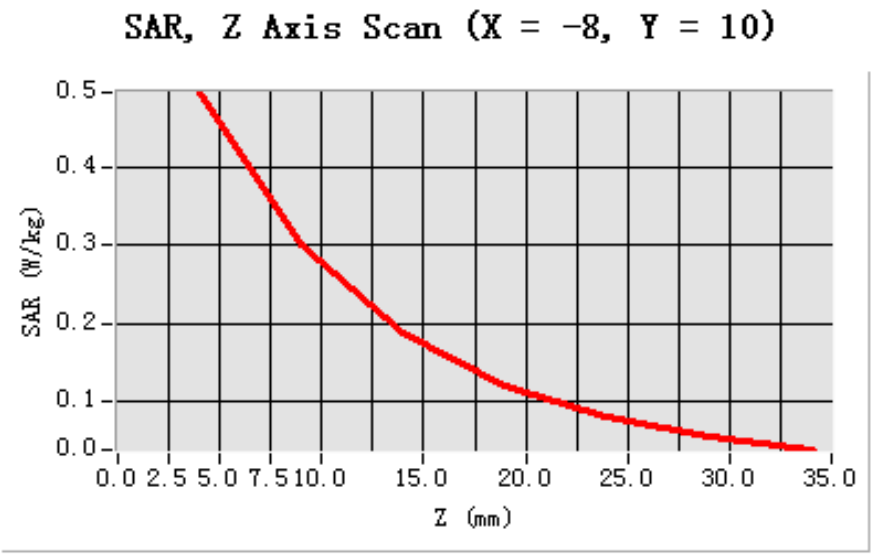
VOLUME SAR



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

SAR 10g (W/Kg)	0.731403
SAR 1g (W/Kg)	0.310153

Z Axis Scan



MEASUREMENT 5

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	GSM1900
Channels	Middle
Signal	GSM

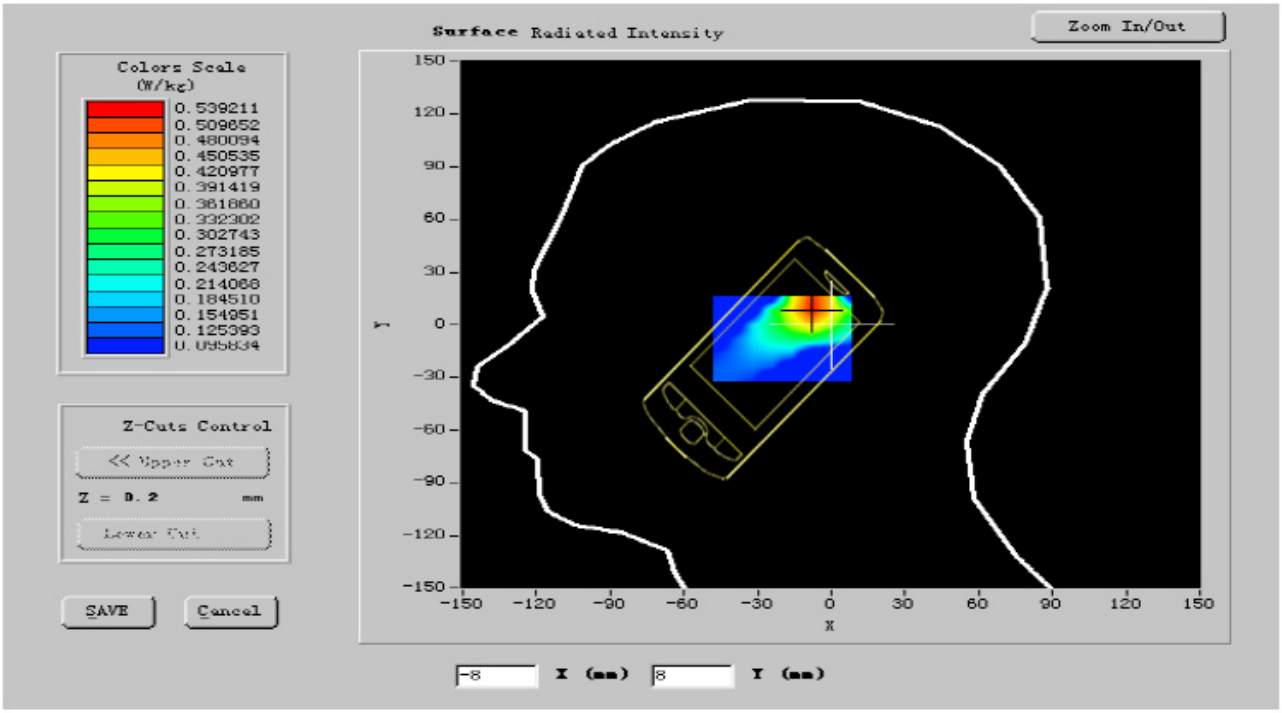
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

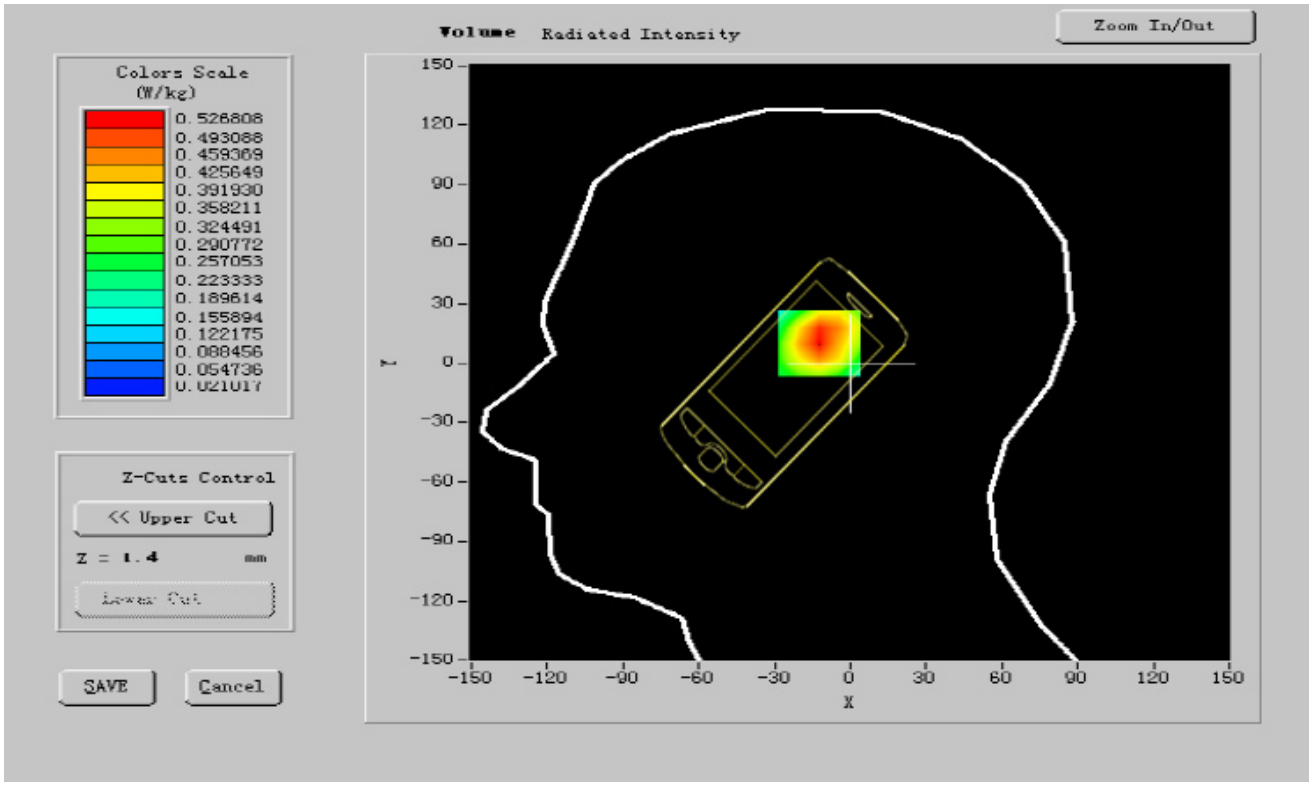
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**40.191501**
Relative permitivity (imaginary part)	**13.817630**
Conductivity (S/m)	**1.421435**
Variation (%)	**-0.420000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor：	**1:8**

SURFACE SAR



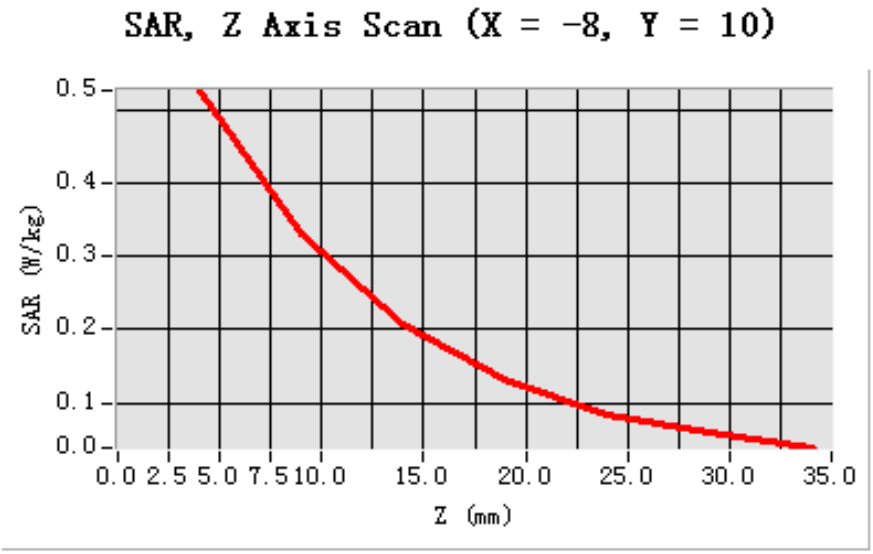
VOLUME SAR



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

SAR 10g (W/Kg)	0.542168
SAR 1g (W/Kg)	0.401375

Z Axis Scan



MEASUREMENT 6

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Right head
Device Position	Tilt
Band	GSM1900
Channels	High
Signal	GSM

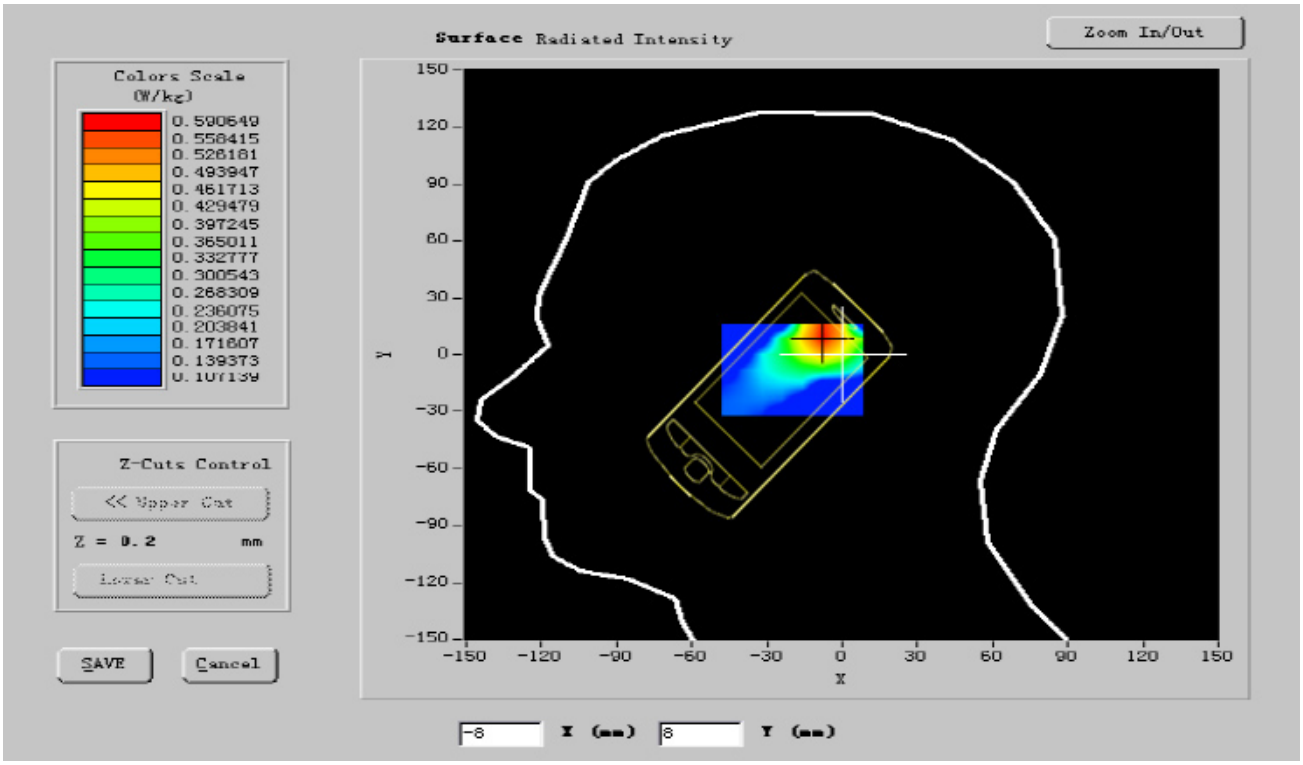
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

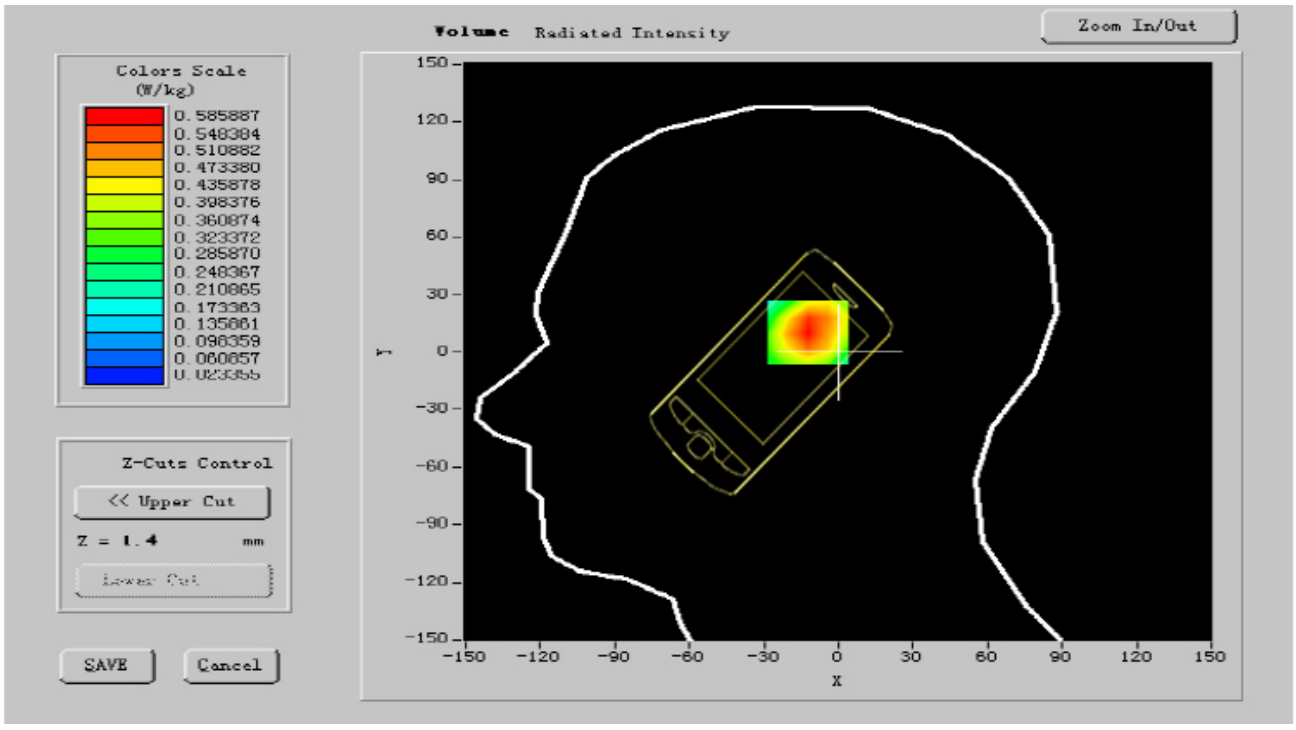
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**40.206099**
Relative permitivity (imaginary part)	**13.669670**
Conductivity (S/m)	**1.401029**
Variation (%)	**-1.500000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor:	**1:8**

SURFACE SAR



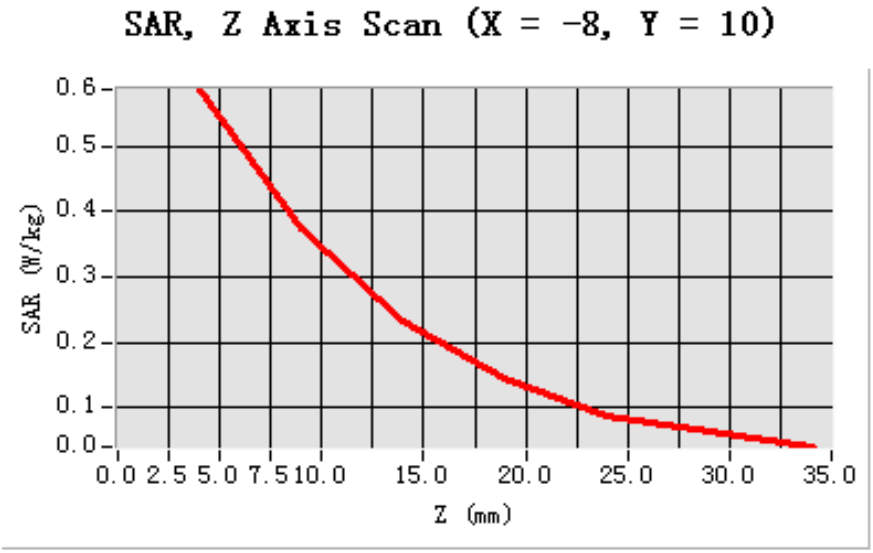
VOLUME SAR



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

SAR 10g (W/Kg)	0.571208
SAR 1g (W/Kg)	0.548415

Z Axis Scan



MEASUREMENT 7

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Channels	Low
Signal	GSM

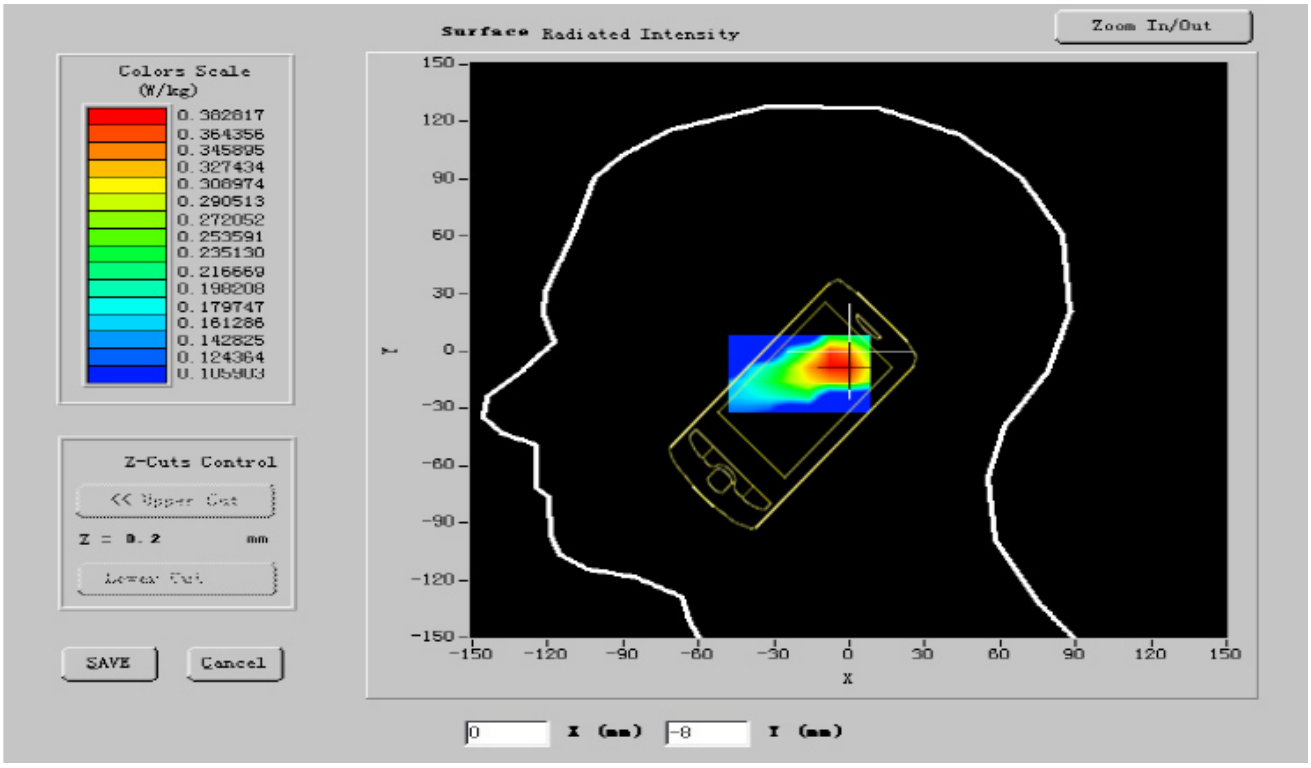
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

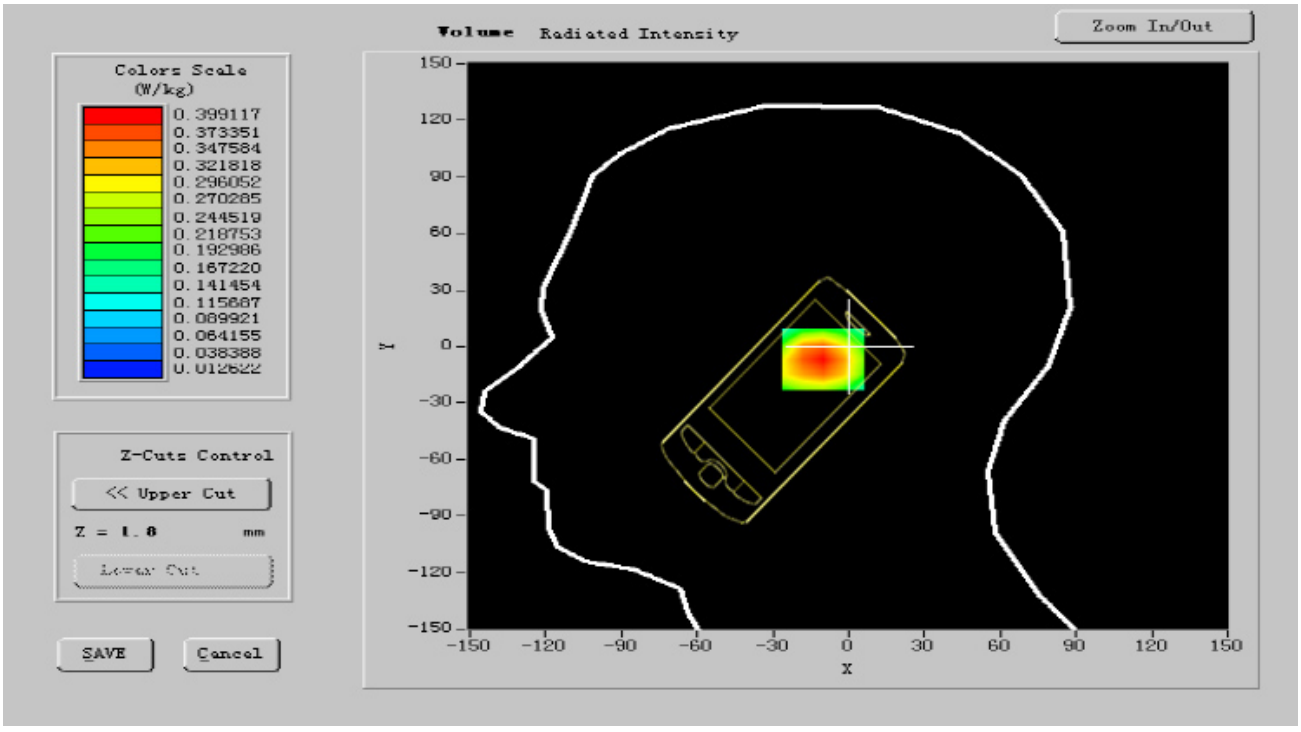
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**40.312990**
Relative permitivity (imaginary part)	**13.517091**
Conductivity (S/m)	**1.416528**
Variation (%)	**0.400000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor:	**1:8**

SURFACE SAR



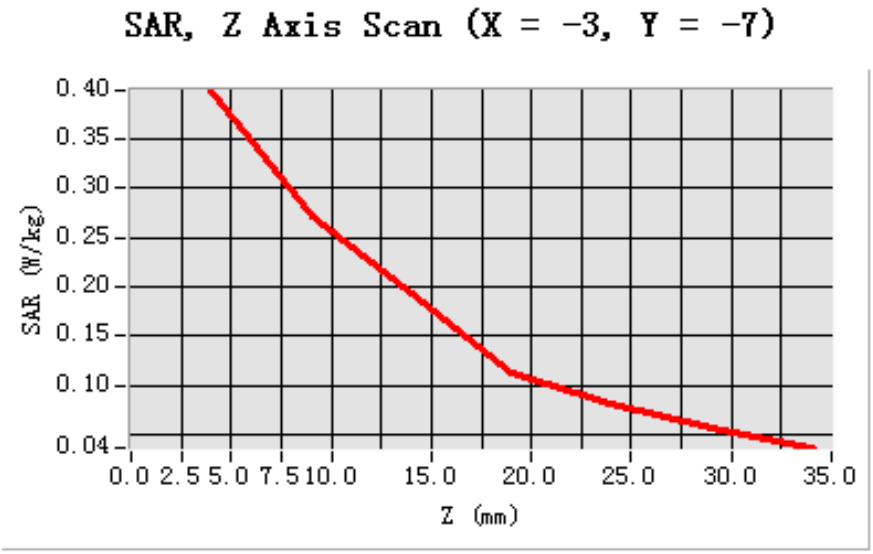
VOLUME SAR



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

SAR 10g (W/Kg)	0.630216
SAR 1g (W/Kg)	0.501028

Z Axis Scan



MEASUREMENT 8

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Channels	Middle
Signal	GSM

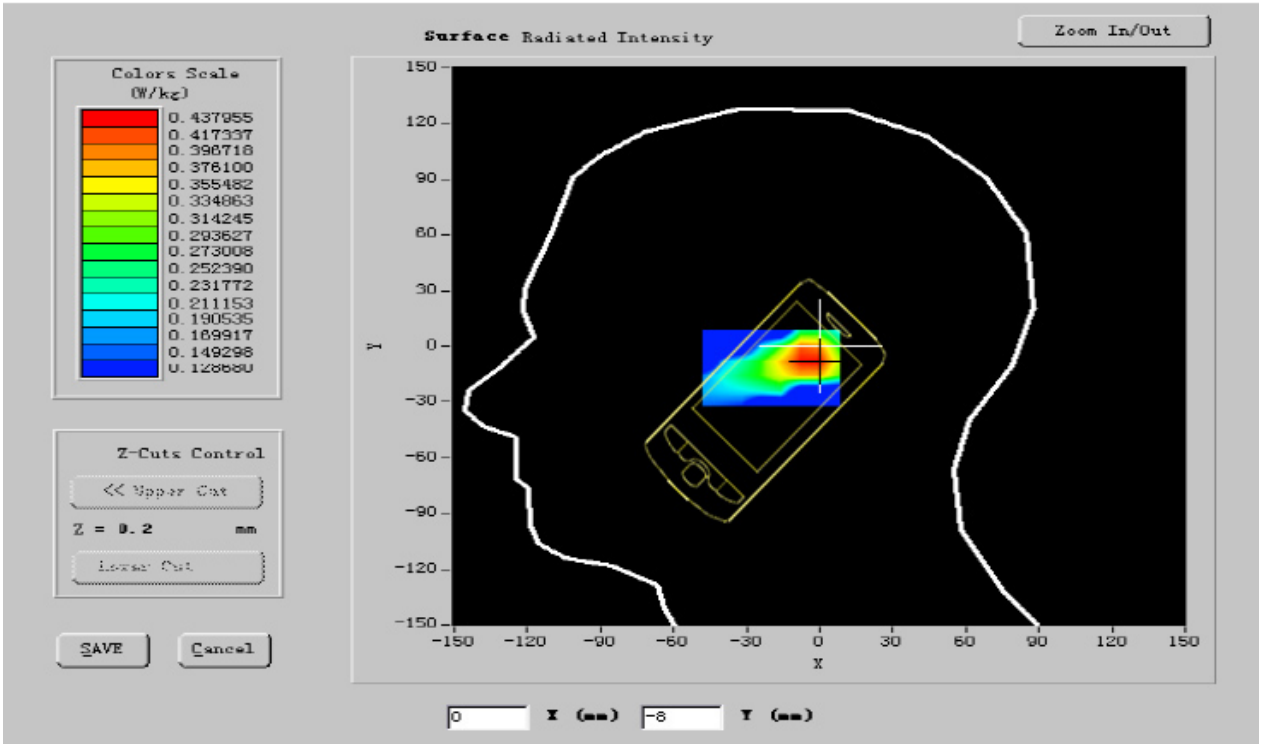
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

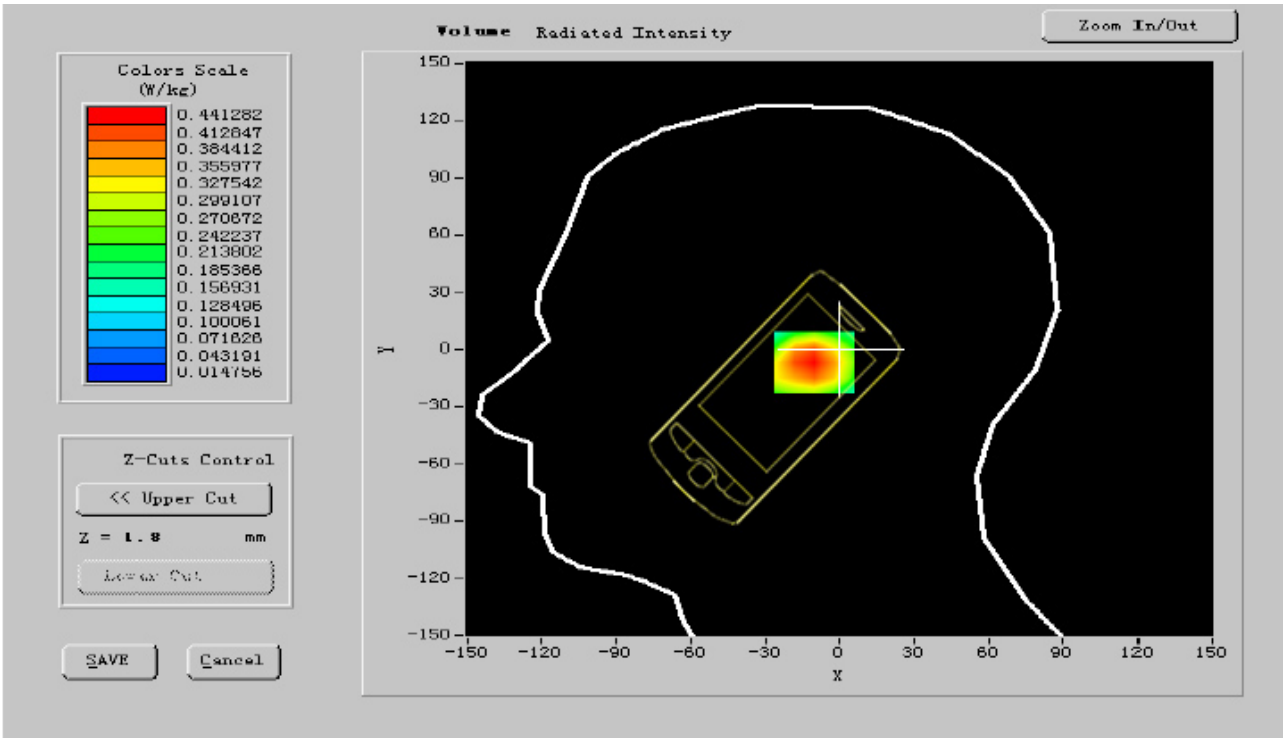
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**40.192031**
Relative permitivity (imaginary part)	**13.801830**
Conductivity (S/m)	**1.413852**
Variation (%)	**1.300000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor：	**1:8**

SURFACE SAR



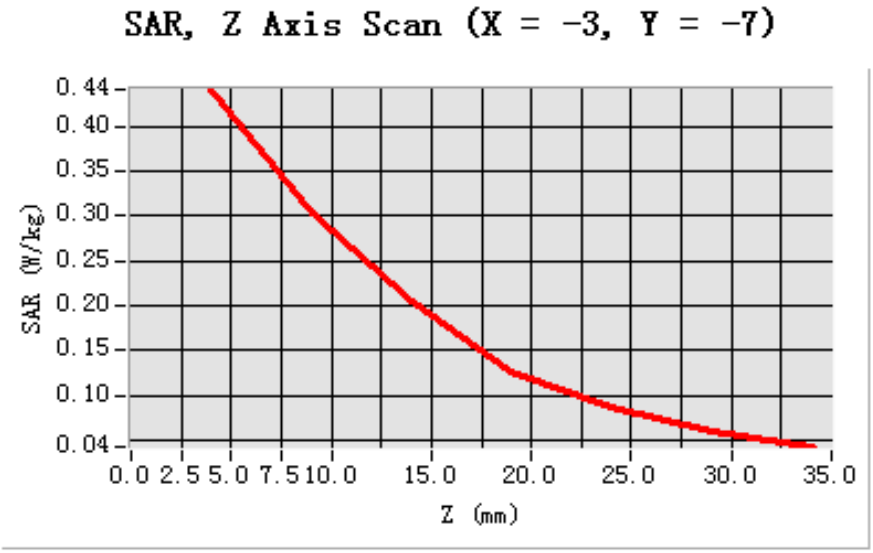
VOLUME SAR



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

SAR 10g (W/Kg)	0.681378
SAR 1g (W/Kg)	0.421749

Z Axis Scan



MEASUREMENT 9

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Channels	High
Signal	GSM

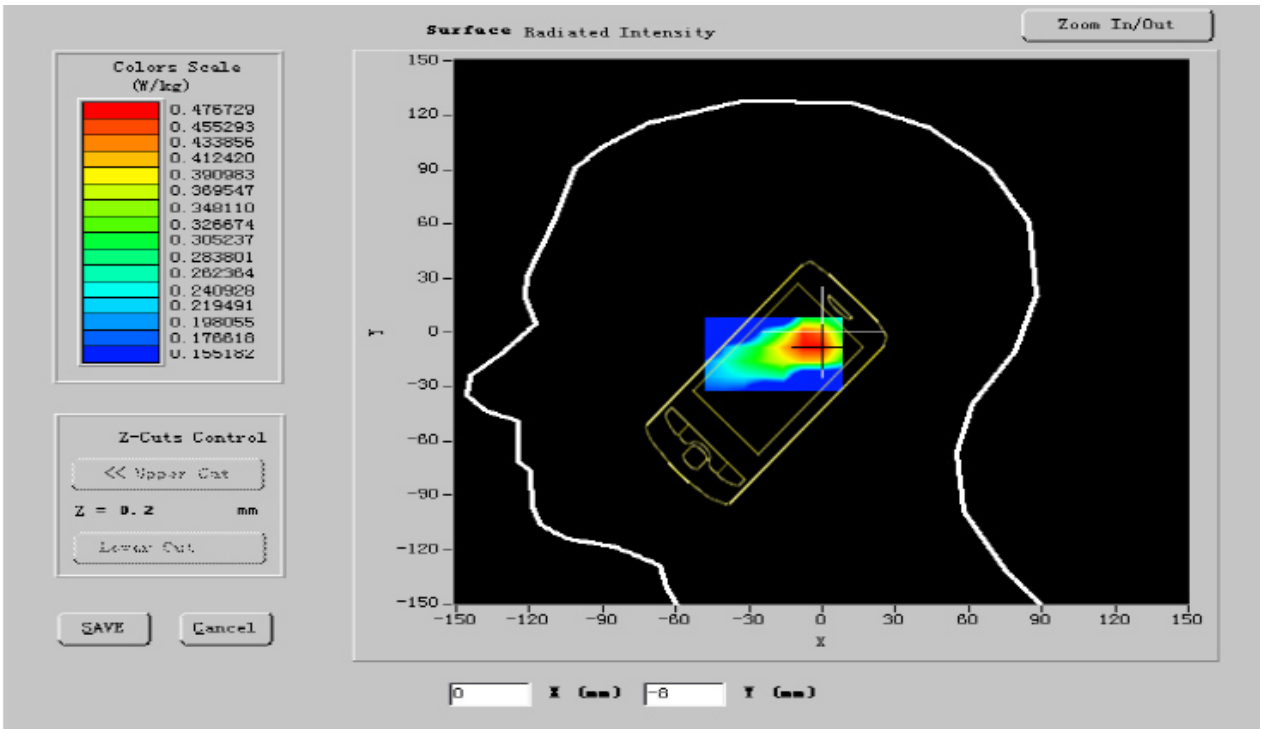
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

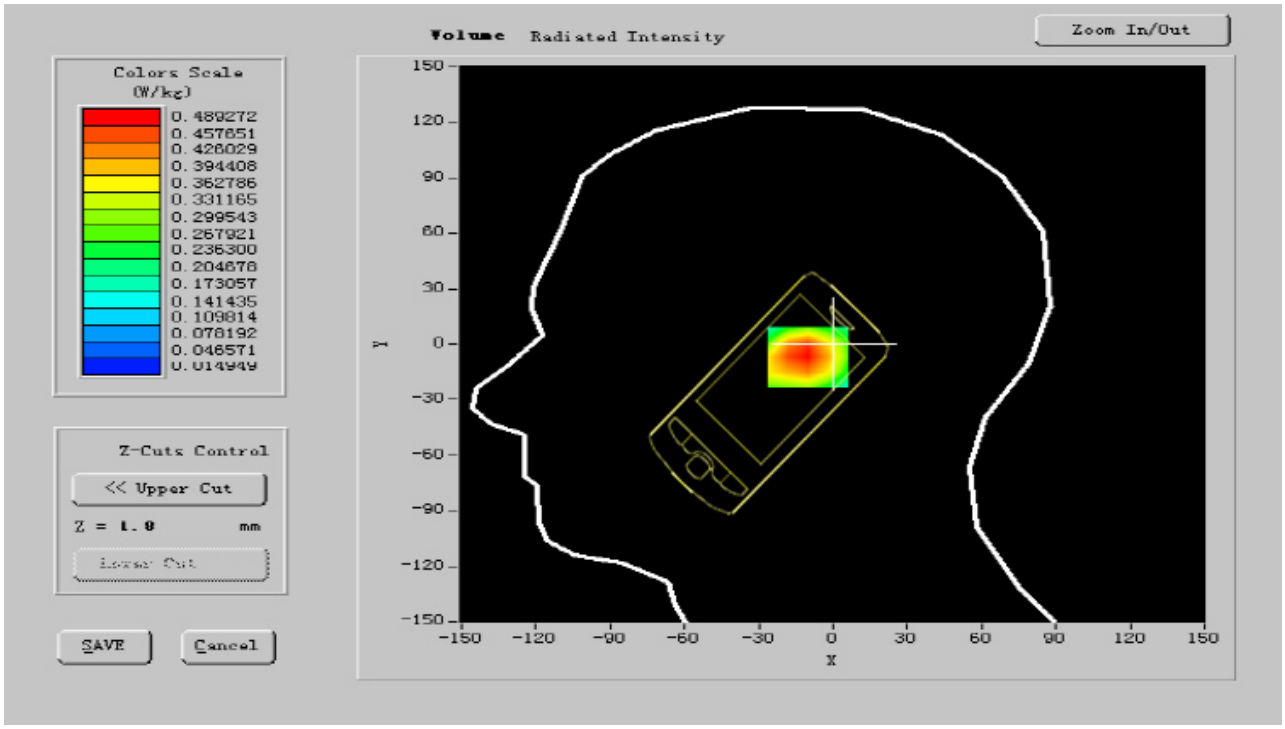
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**40.285999**
Relative permitivity (imaginary part)	**13.660990**
Conductivity (S/m)	**1.420478**
Variation (%)	**0.400000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor：	**1:8**

SURFACE SAR



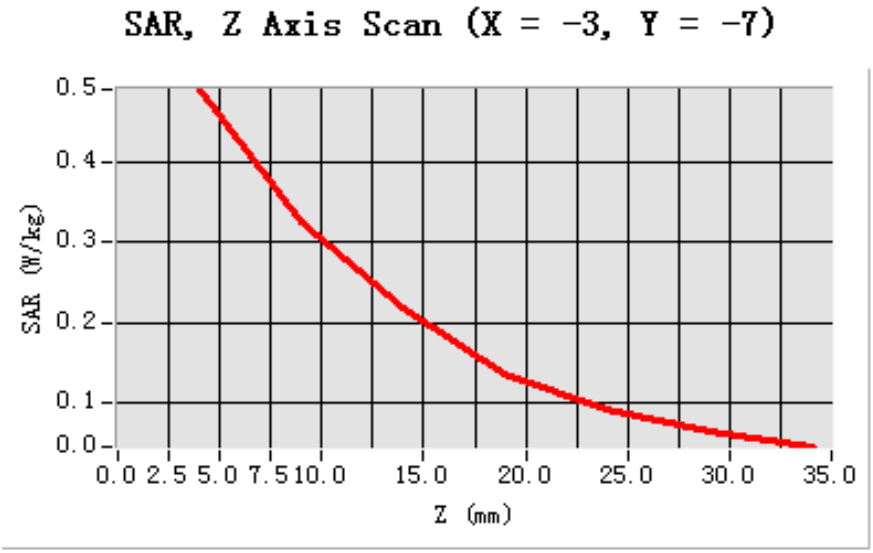
VOLUME SAR



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

SAR 10g (W/Kg)	0.980734
SAR 1g (W/Kg)	0.598127

Z Axis Scan



MEASUREMENT 10

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	GSM1900
Channels	Low
Signal	GSM

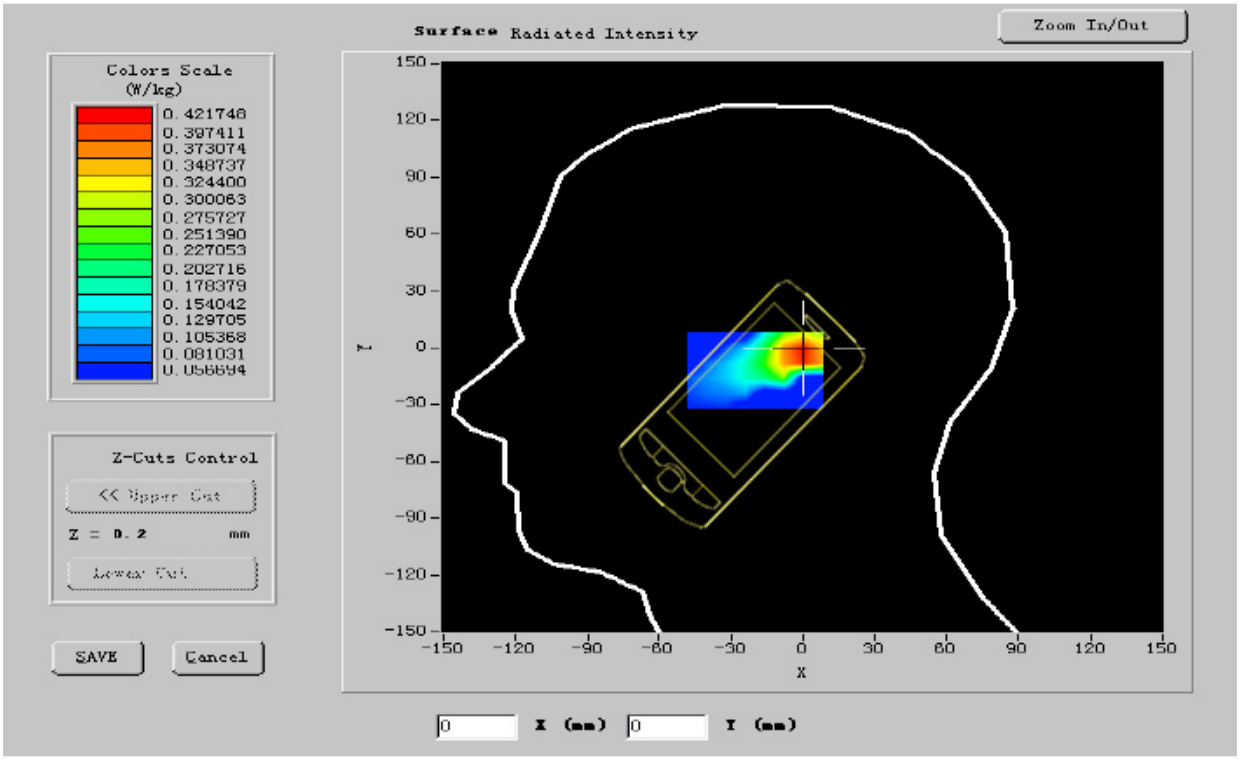
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

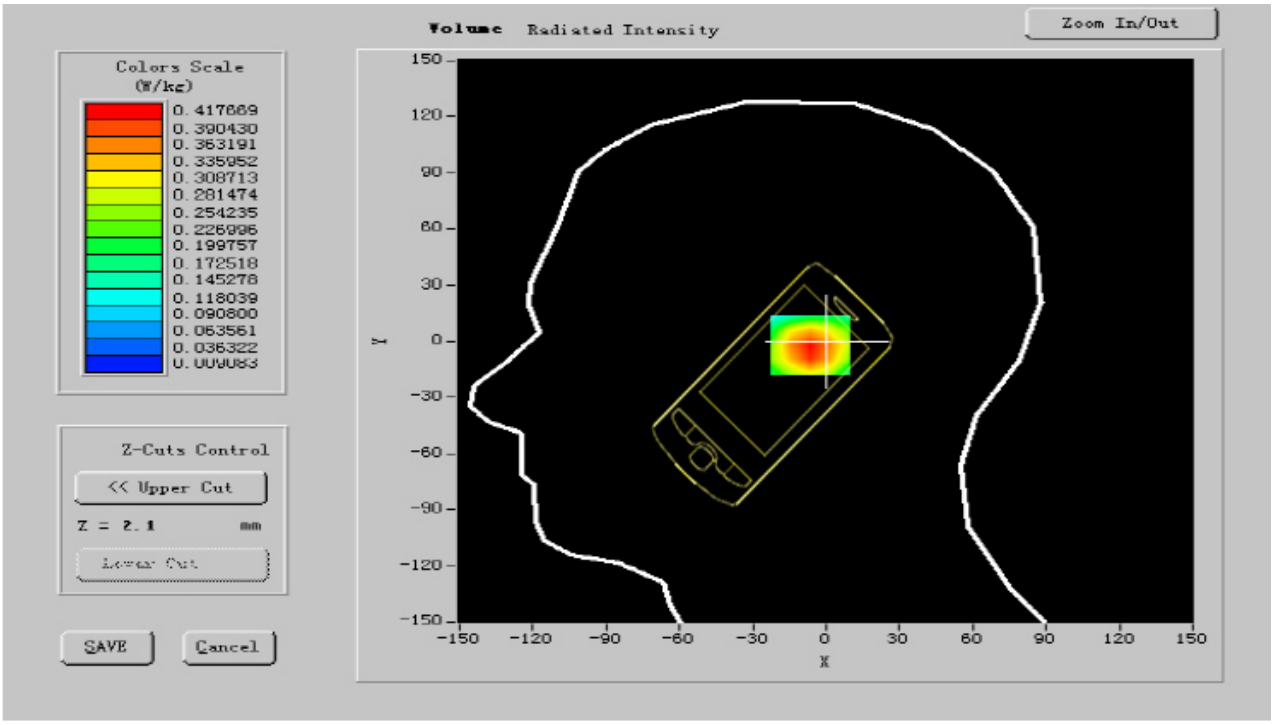
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**40.316764**
Relative permitivity (imaginary part)	**13.582190**
Conductivity (S/m)	**1.416093**
Variation (%)	**-0.710000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor:	**1:8**

SURFACE SAR



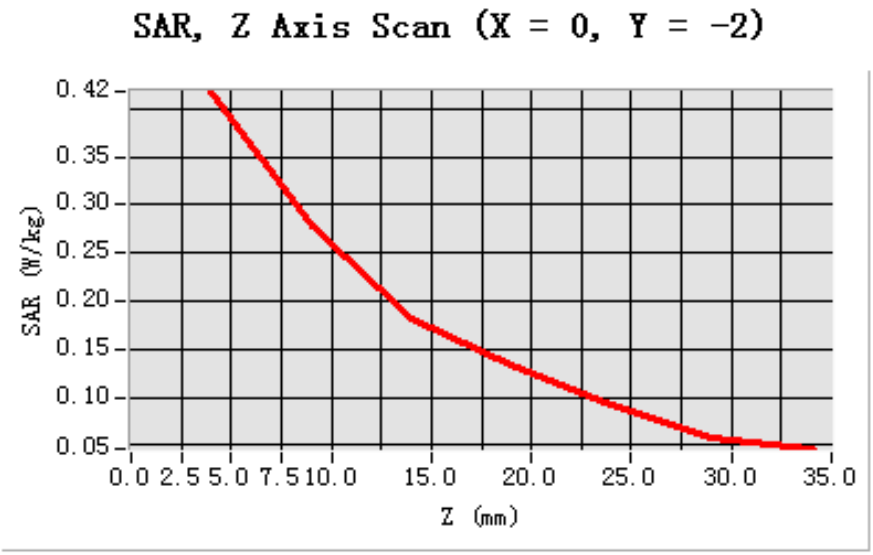
VOLUME SAR



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

SAR 10g (W/Kg)	0.538102
SAR 1g (W/Kg)	0.381724

Z Axis Scan



MEASUREMENT 11

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	GSM1900
Channels	Middle
Signal	GSM

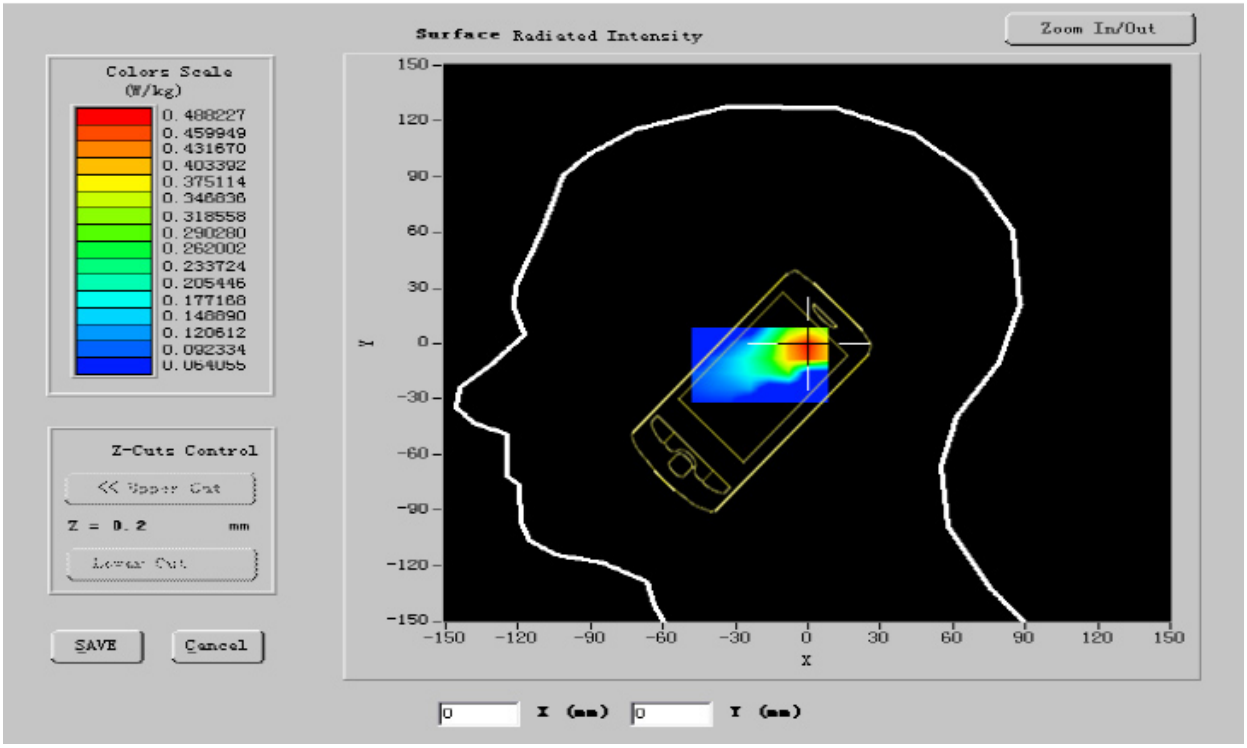
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

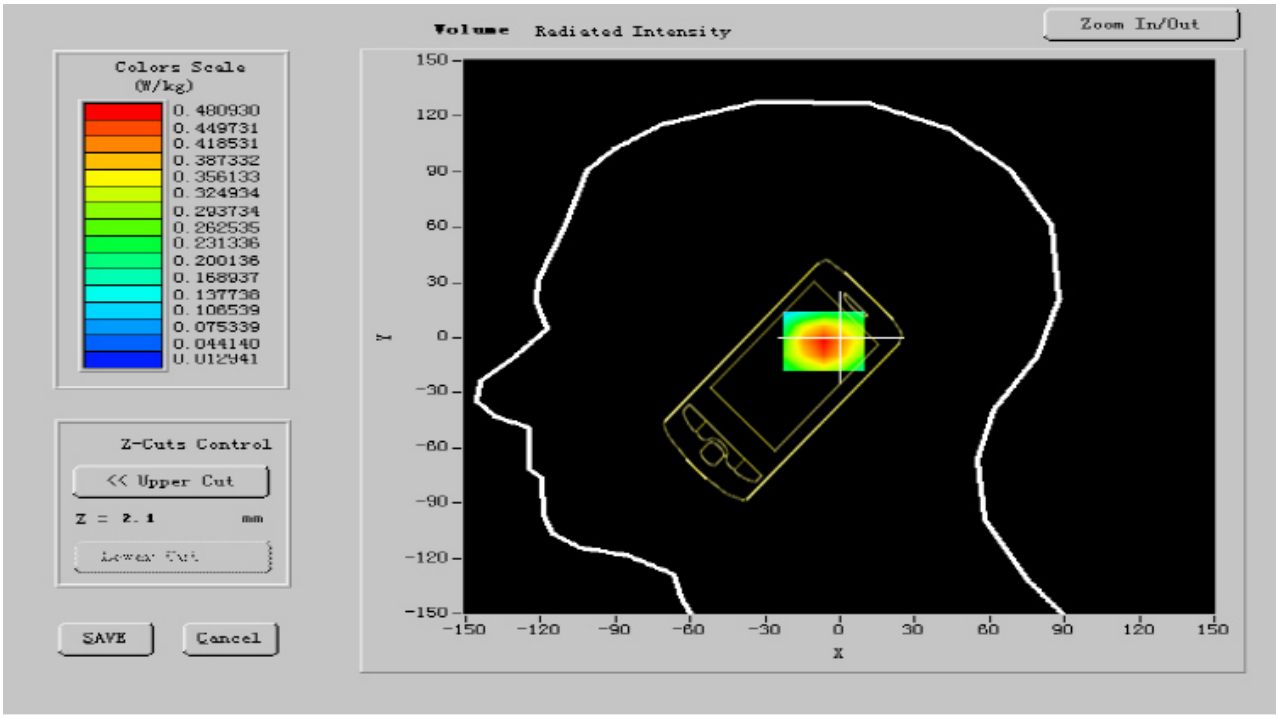
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**40.193029**
Relative permitivity (imaginary part)	**13.813720**
Conductivity (S/m)	**1.4125923**
Variation (%)	**-1.100000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor：	**1:8**

SURFACE SAR



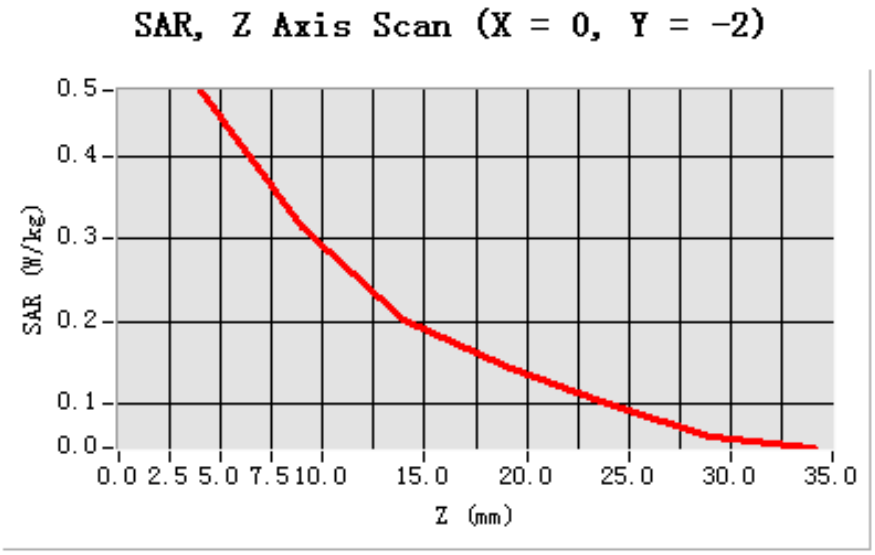
VOLUME SAR



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

SAR 10g (W/Kg)	0.642704
SAR 1g (W/Kg)	0.410710

Z Axis Scan



MEASUREMENT 12

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Left head
Device Position	Tilt
Band	GSM1900
Channels	High
Signal	GSM

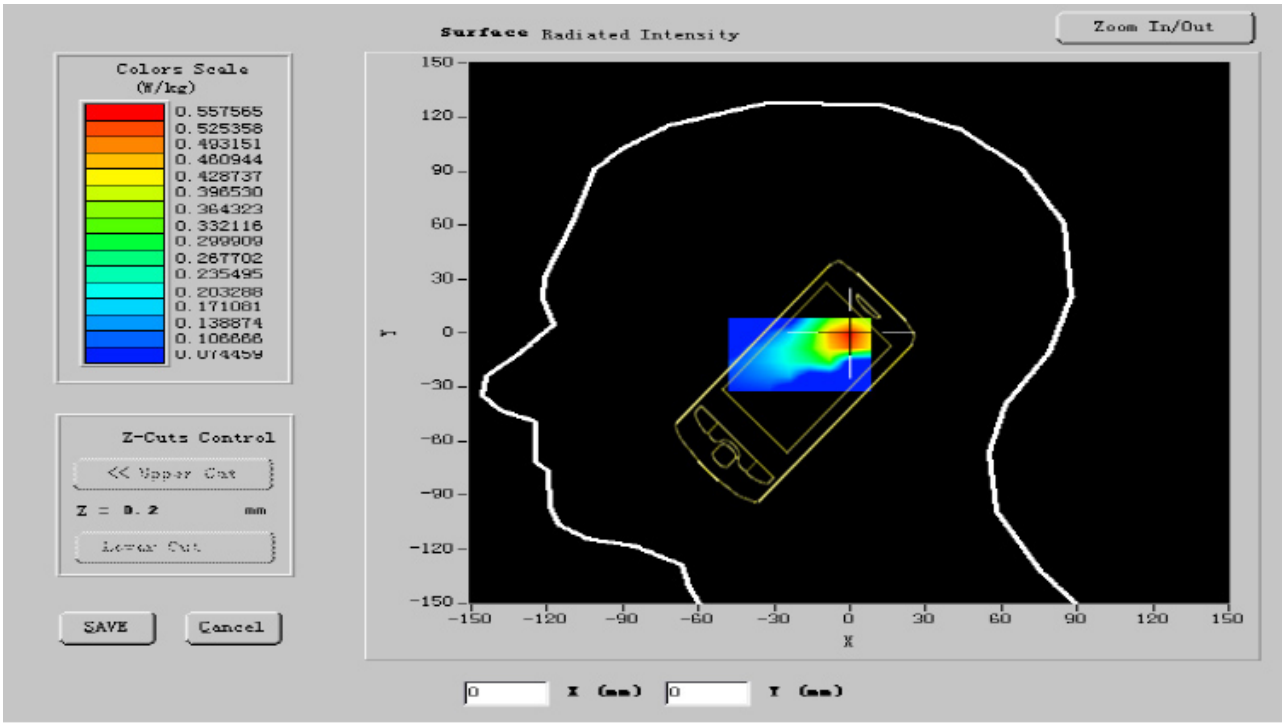
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

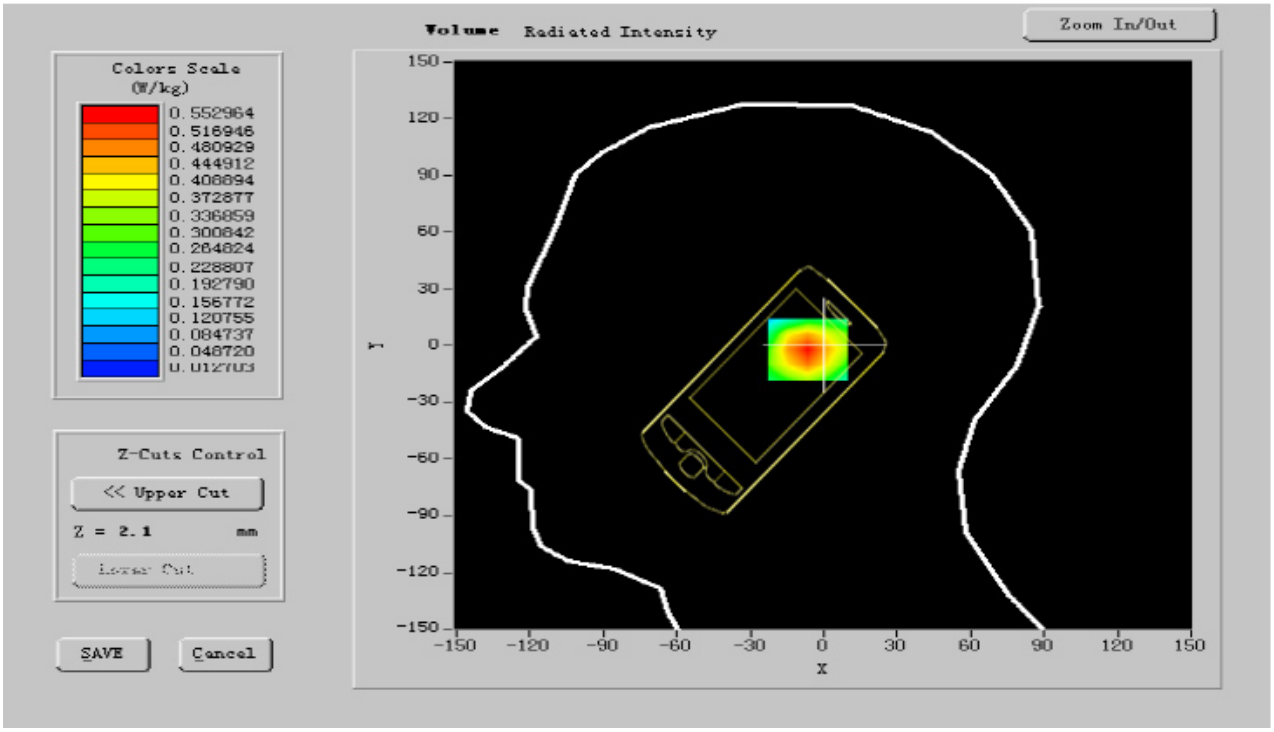
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**40.281799**
Relative permitivity (imaginary part)	**13.669600**
Conductivity (S/m)	**1.420175**
Variation (%)	**-1.120000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**41.05, 42.35, 55.45**
Crest factor：	**1:8**

SURFACE SAR



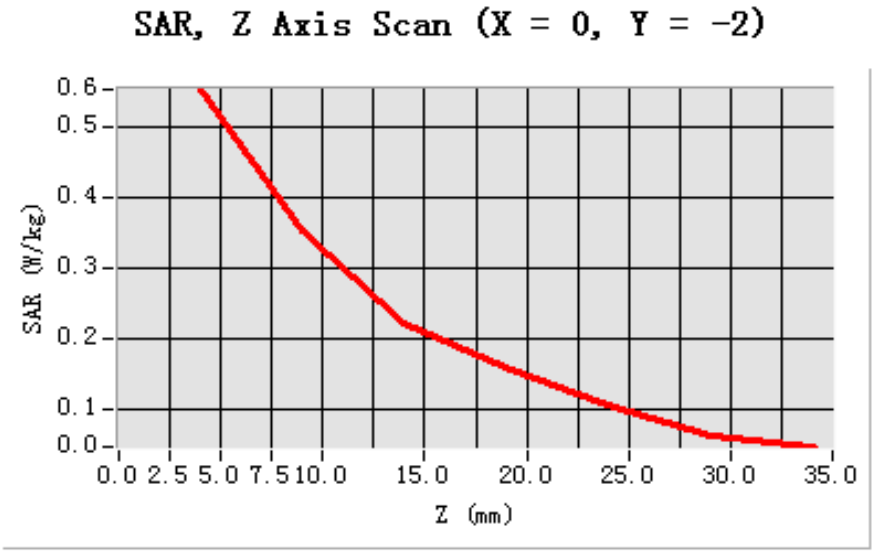
VOLUME SAR



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

SAR 10g (W/Kg)	0.641029
SAR 1g (W/Kg)	0.432187

Z Axis Scan



MEASUREMENT 13

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GSM1900
Channels	Low
Signal	GSM

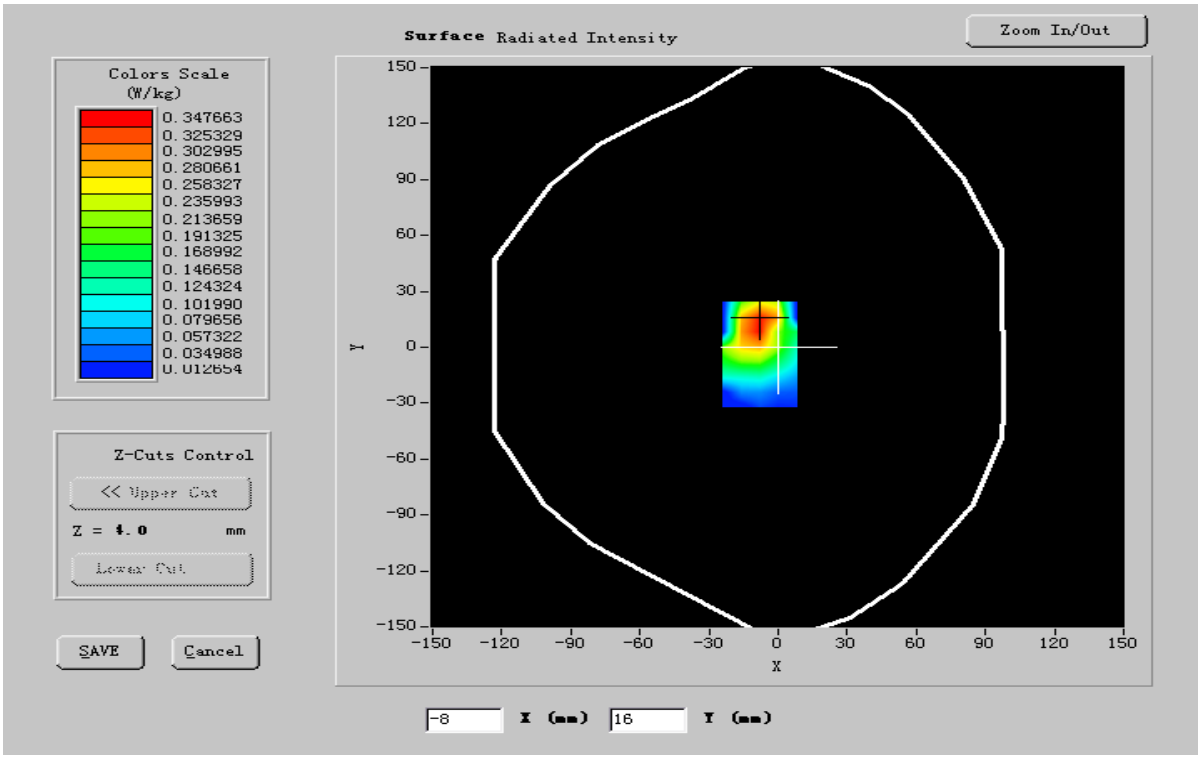
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

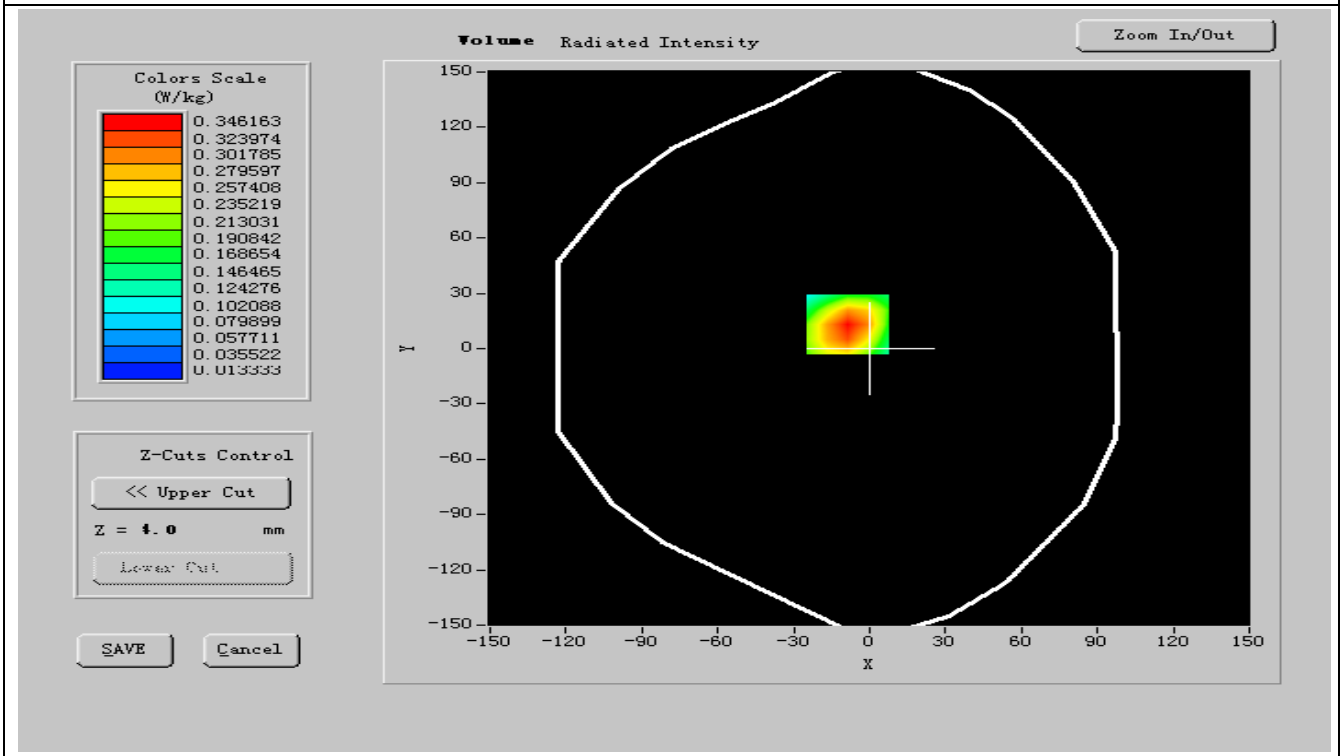
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**52.311900**
Relative permitivity (imaginary part)	**13.532100**
Conductivity (S/m)	**1.416172**
Variation (%)	**-0.130000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:8**

SURFACE SAR



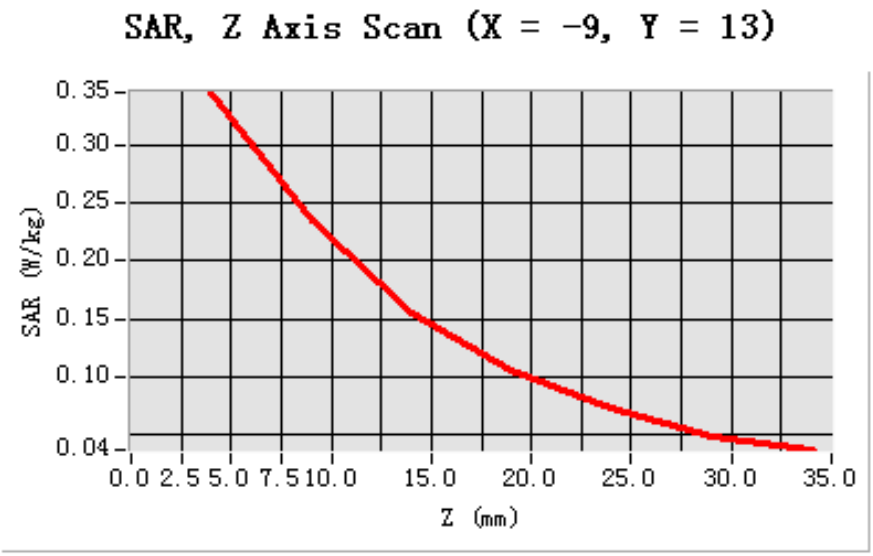
VOLUME SAR



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

SAR 10g (W/Kg)	0.638017
SAR 1g (W/Kg)	0.340181

Z Axis Scan



MEASUREMENT 14

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GSM1900
Channels	Middle
Signal	GSM

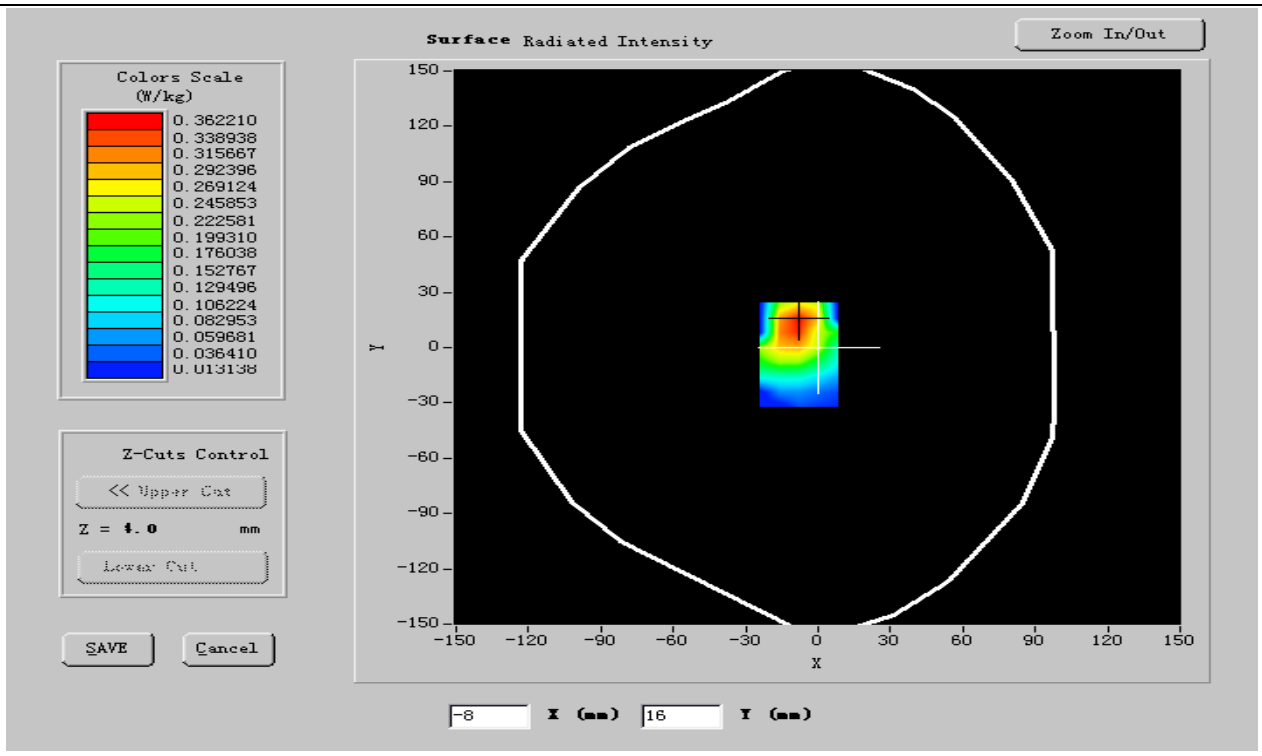
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

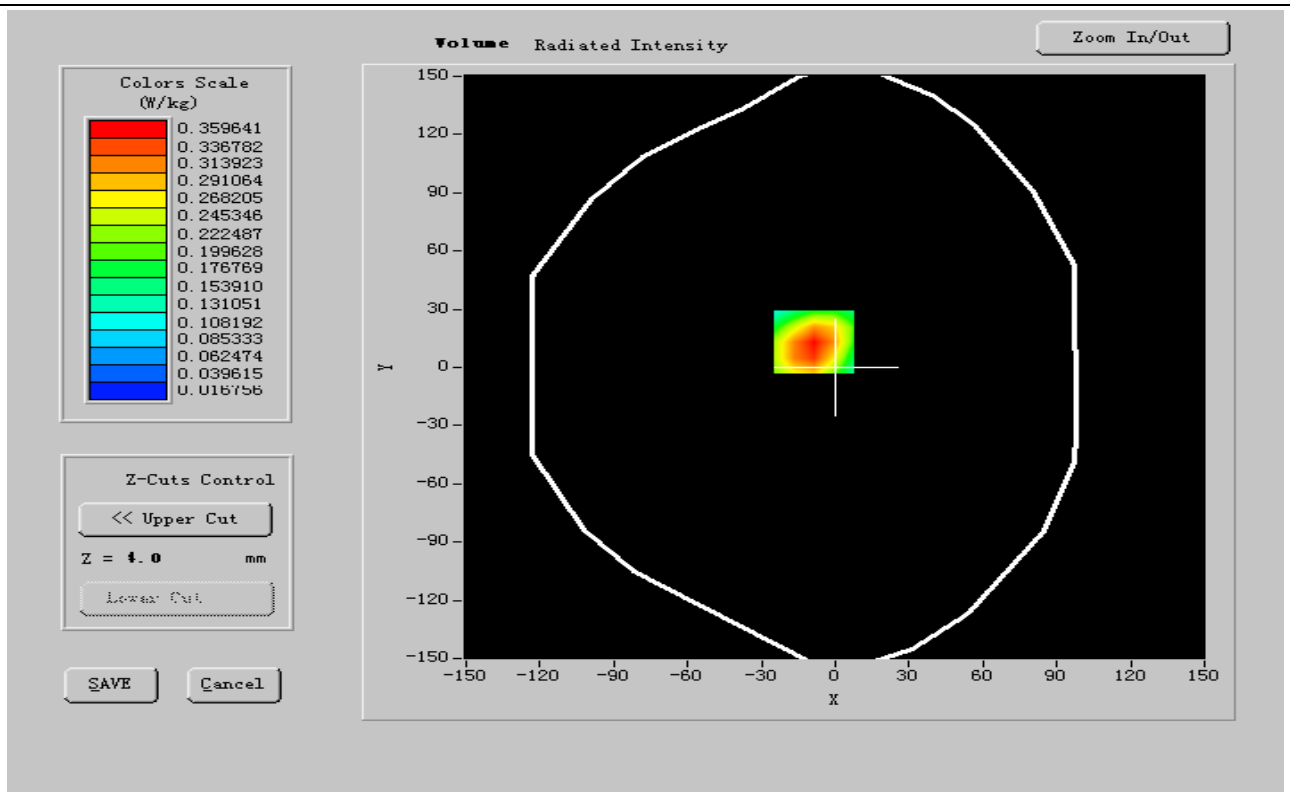
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**52.891907**
Relative permitivity (imaginary part)	**13.812690**
Conductivity (S/m)	**1.534615**
Variation (%)	**-0.700000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:8**

SURFACE SAR



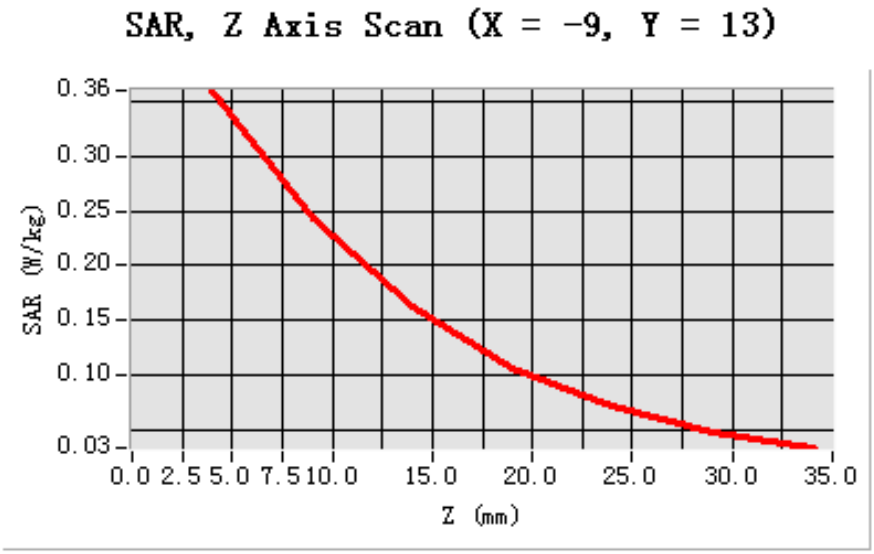
VOLUME SAR



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

SAR 10g (W/Kg)	0.601732
SAR 1g (W/Kg)	0.301709

Z Axis Scan



MEASUREMENT 15

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GSM1900
Channels	High
Signal	GSM

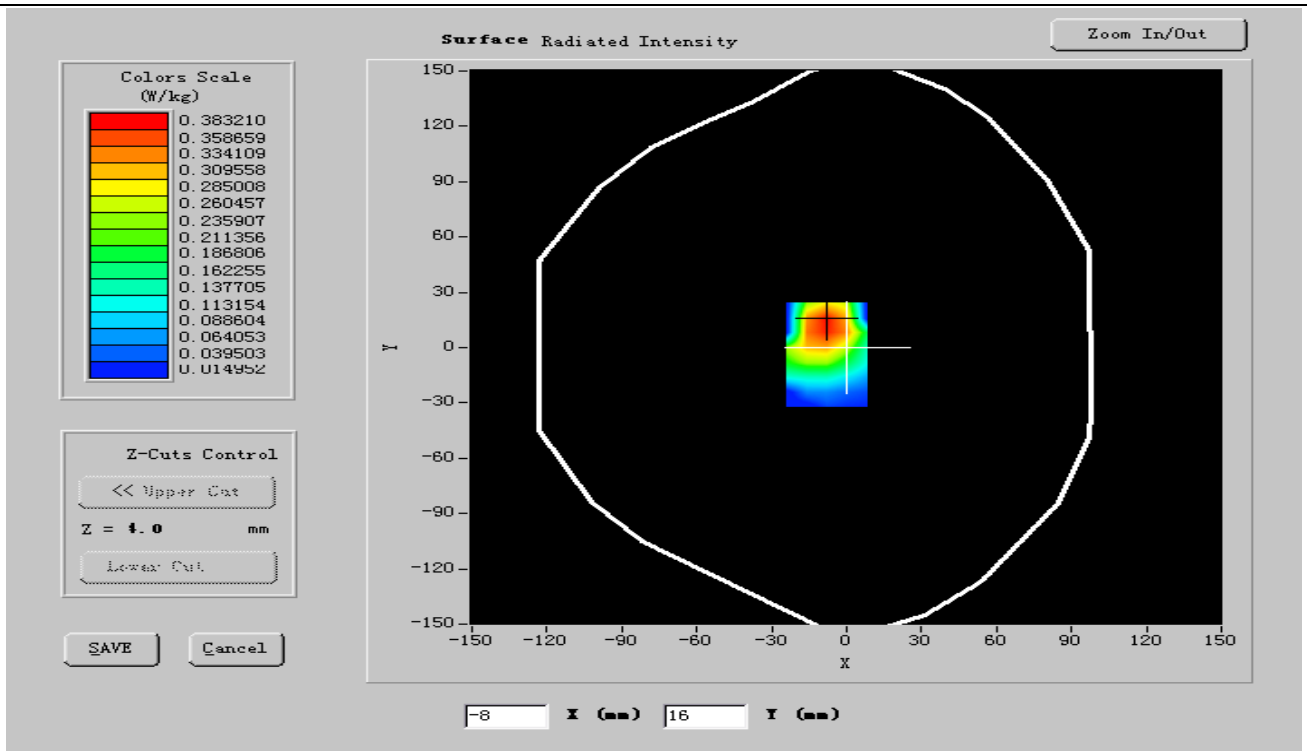
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

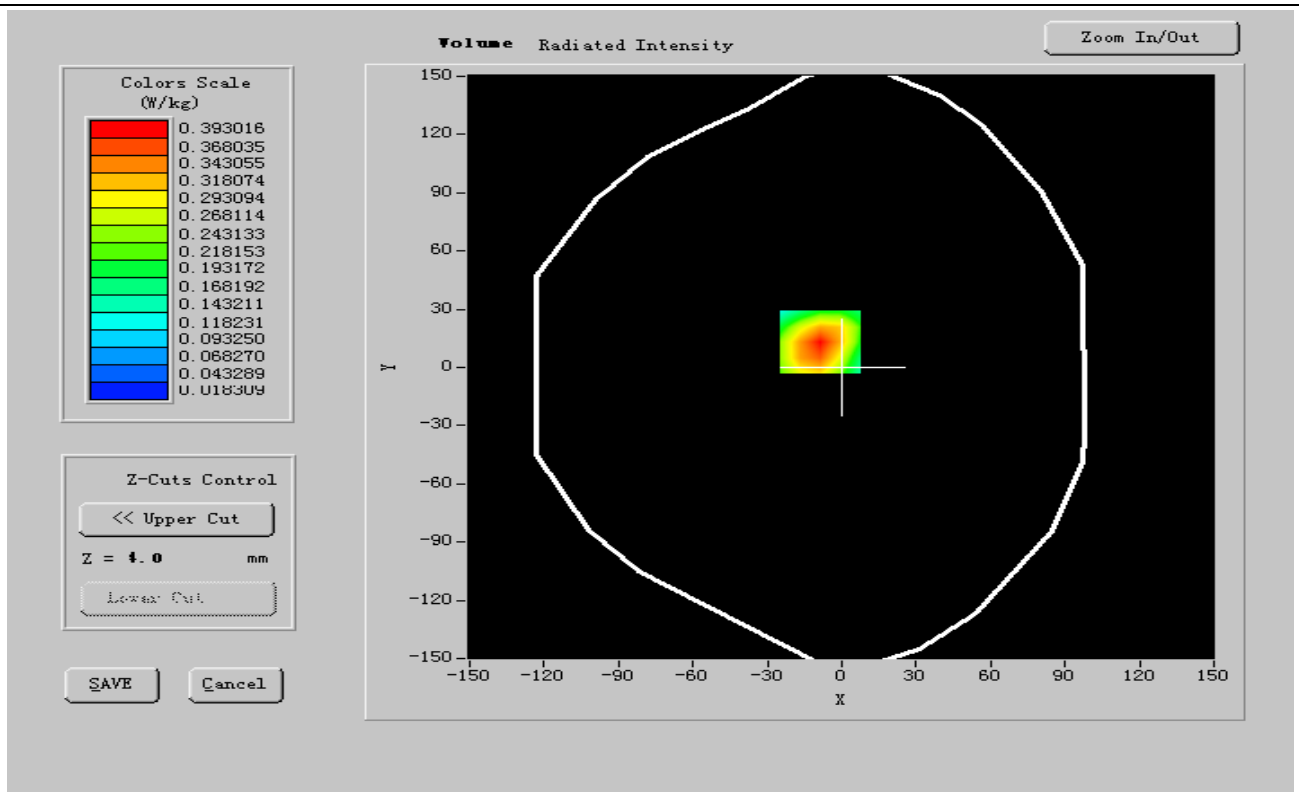
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**52.886999**
Relative permitivity (imaginary part)	**13.669900**
Conductivity (S/m)	**1.516835**
Variation (%)	**-0.590000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:8**

SURFACE SAR



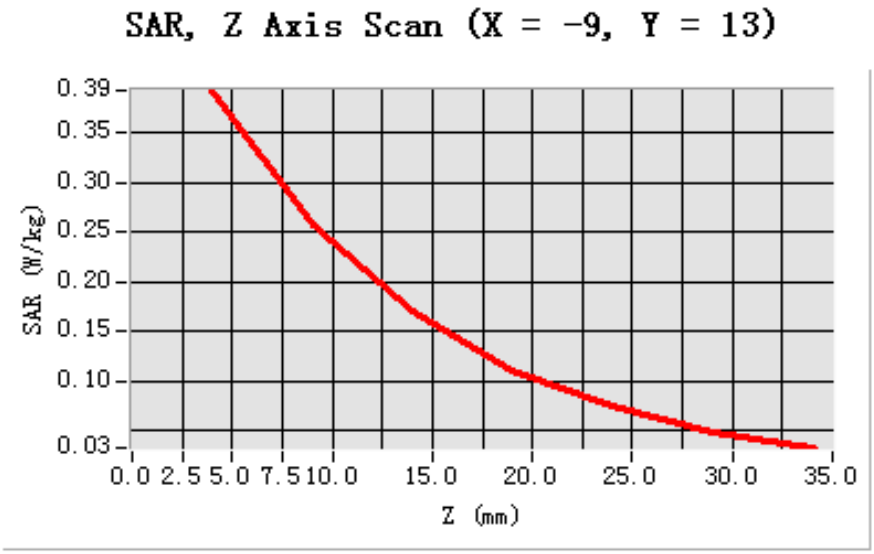
VOLUME SAR



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

SAR 10g (W/Kg)	0.412135
SAR 1g (W/Kg)	0.360759

Z Axis Scan



MEASUREMENT 16

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GPRS1900
Channels	Low
Signal	GPRS

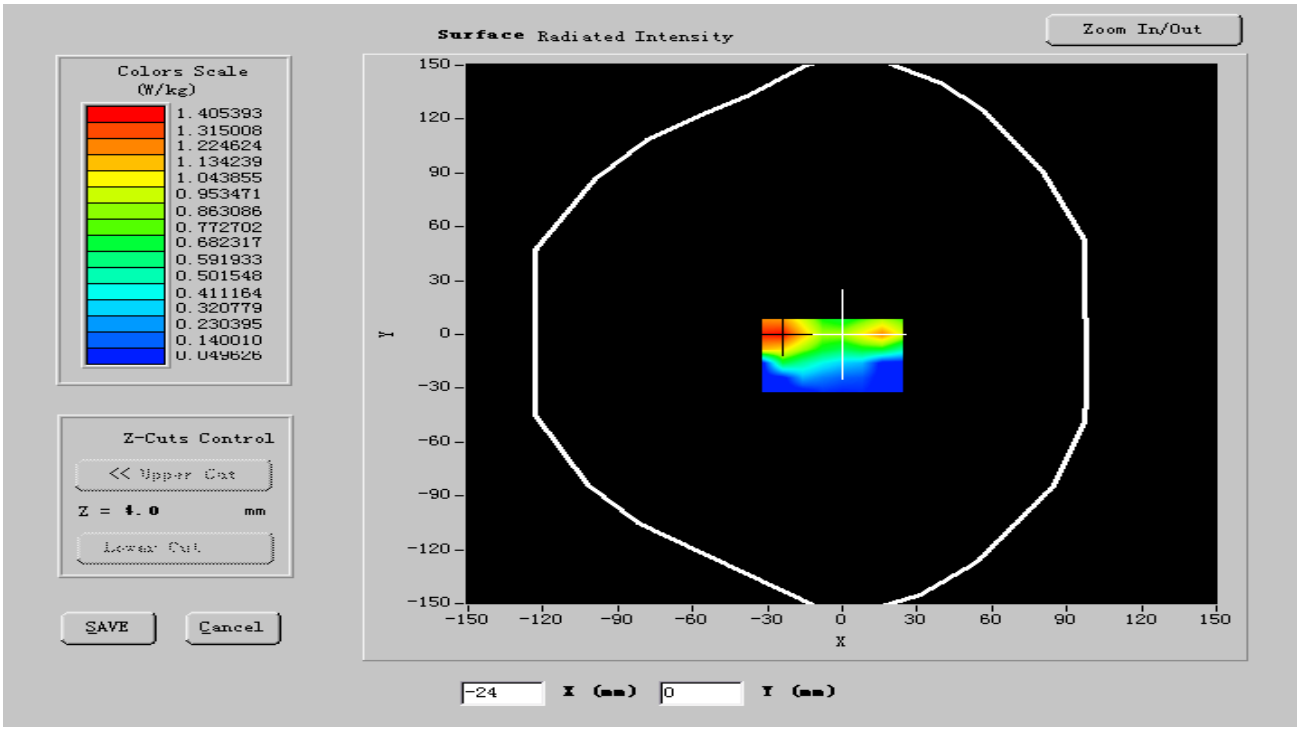
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

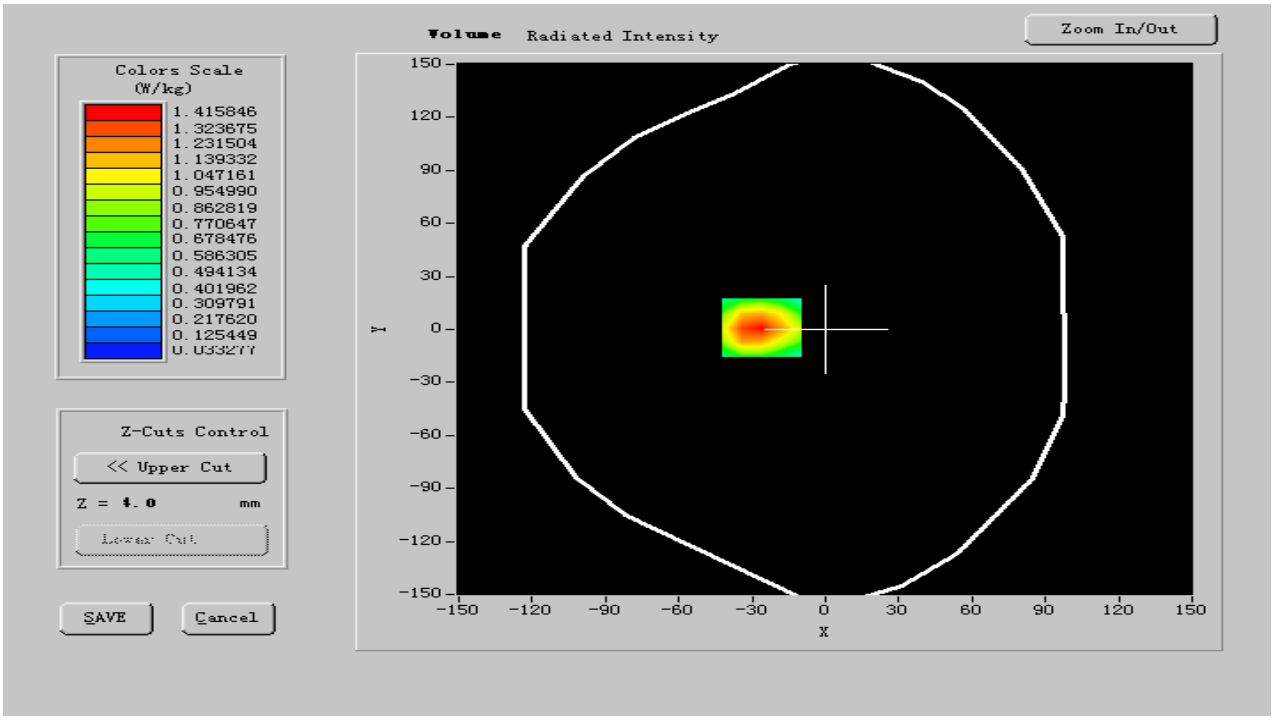
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**52.341710**
Relative permitivity (imaginary part)	**14.450329**
Conductivity (S/m)	**1.532878**
Variation (%)	**-0.400000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:2**

SURFACE SAR



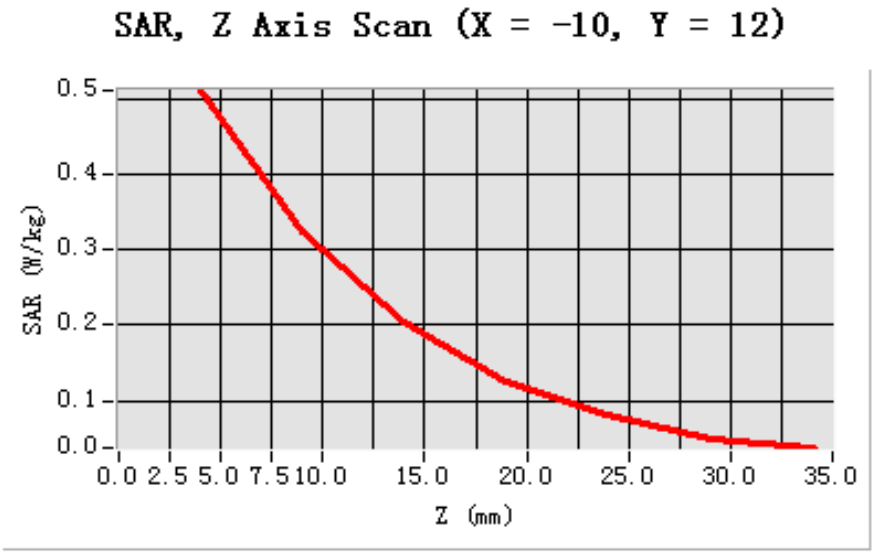
VOLUME SAR



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

SAR 10g (W/Kg)	0.603206
SAR 1g (W/Kg)	0.372505

Z Axis Scan



MEASUREMENT 17

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GPRS1900
Channels	Middle
Signal	GPRS

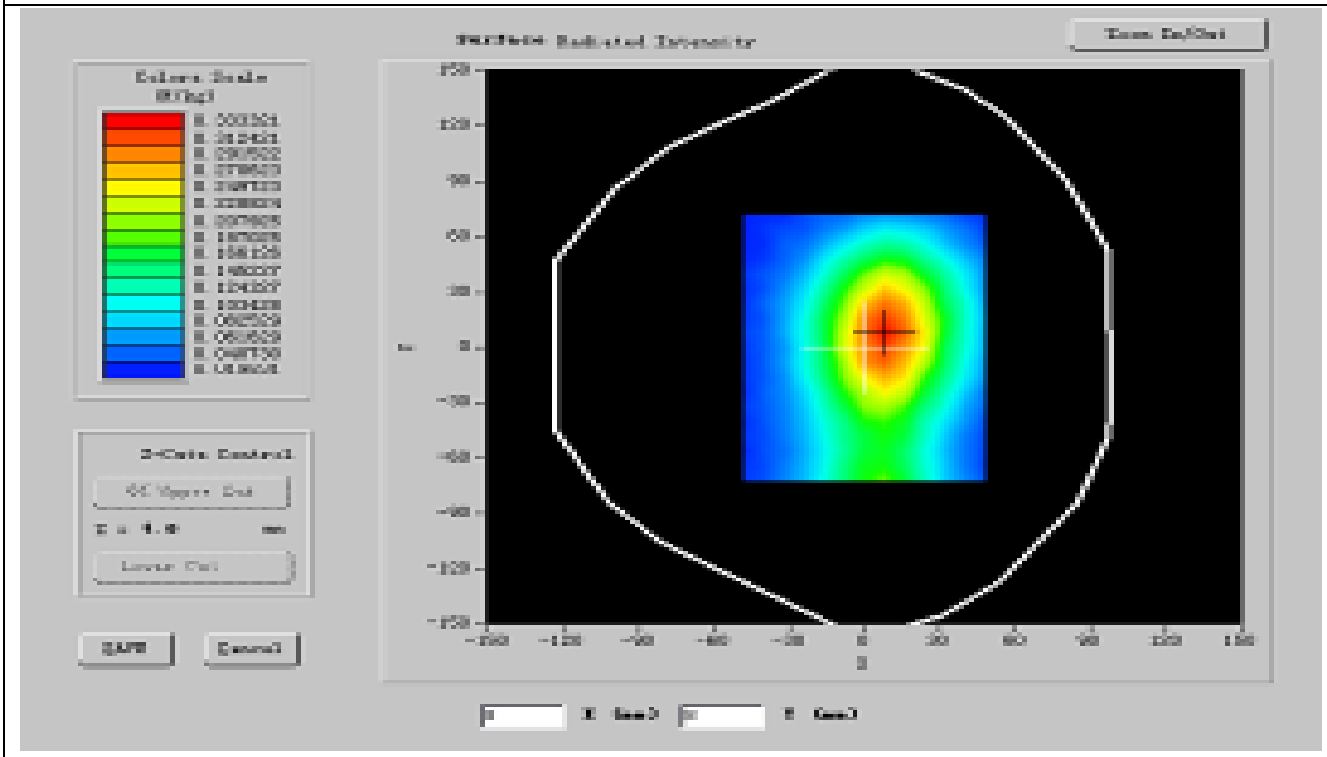
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

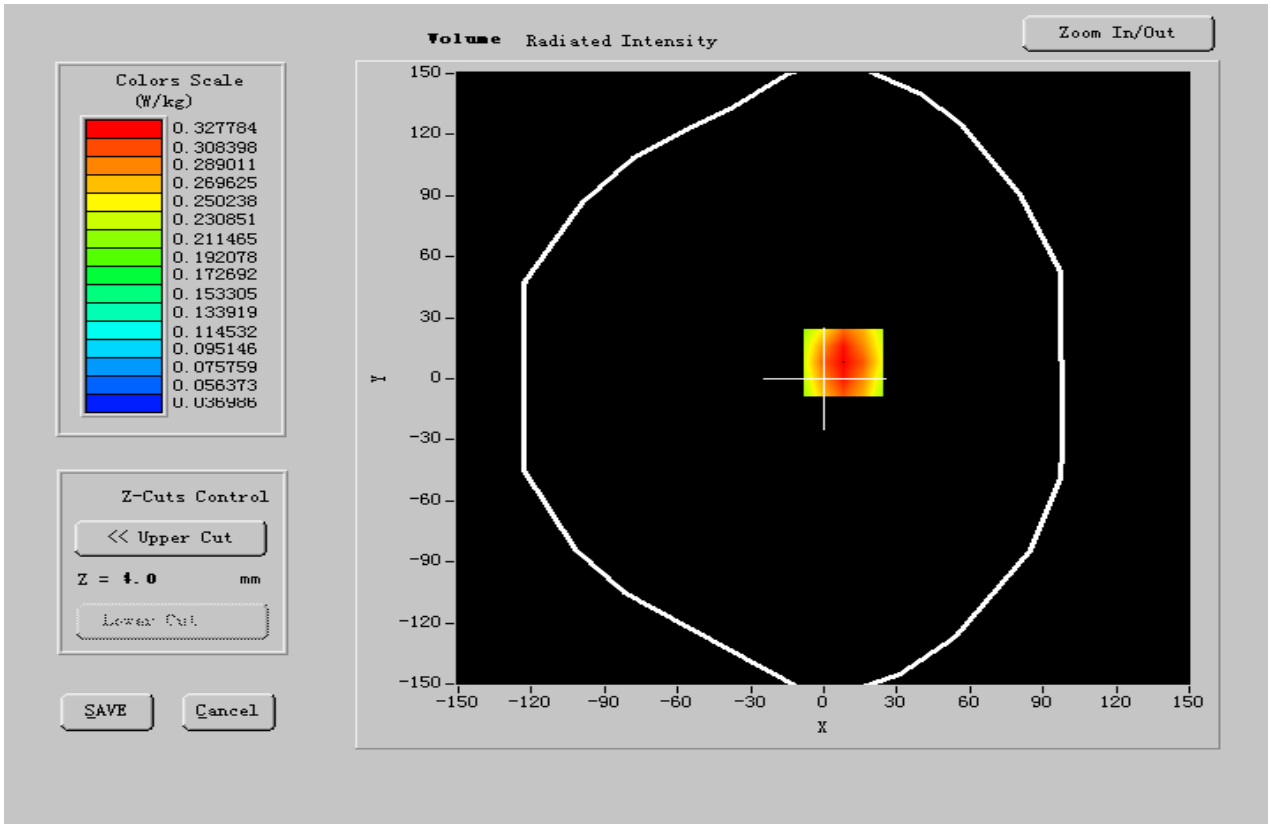
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**51.417168**
Relative permitivity (imaginary part)	**14.291756**
Conductivity (S/m)	**1.527146**
Variation (%)	**-1.010000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor：	**1:2**

SURFACE SAR



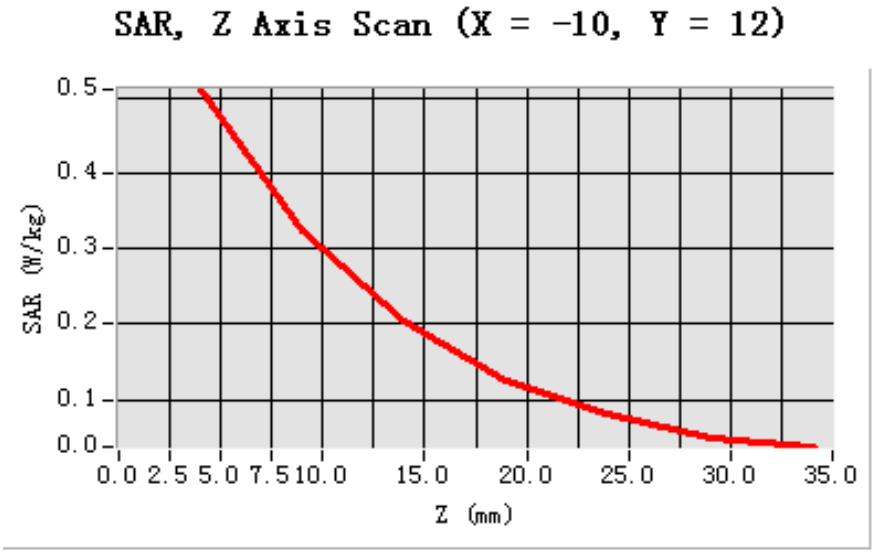
VOLUME SAR



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

SAR 10g (W/Kg)	0.520431
SAR 1g (W/Kg)	0.323170

Z Axis Scan



MEASUREMENT 18

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	BackSide toward phantom
Band	GPRS1900
Channels	High
Signal	GPRS

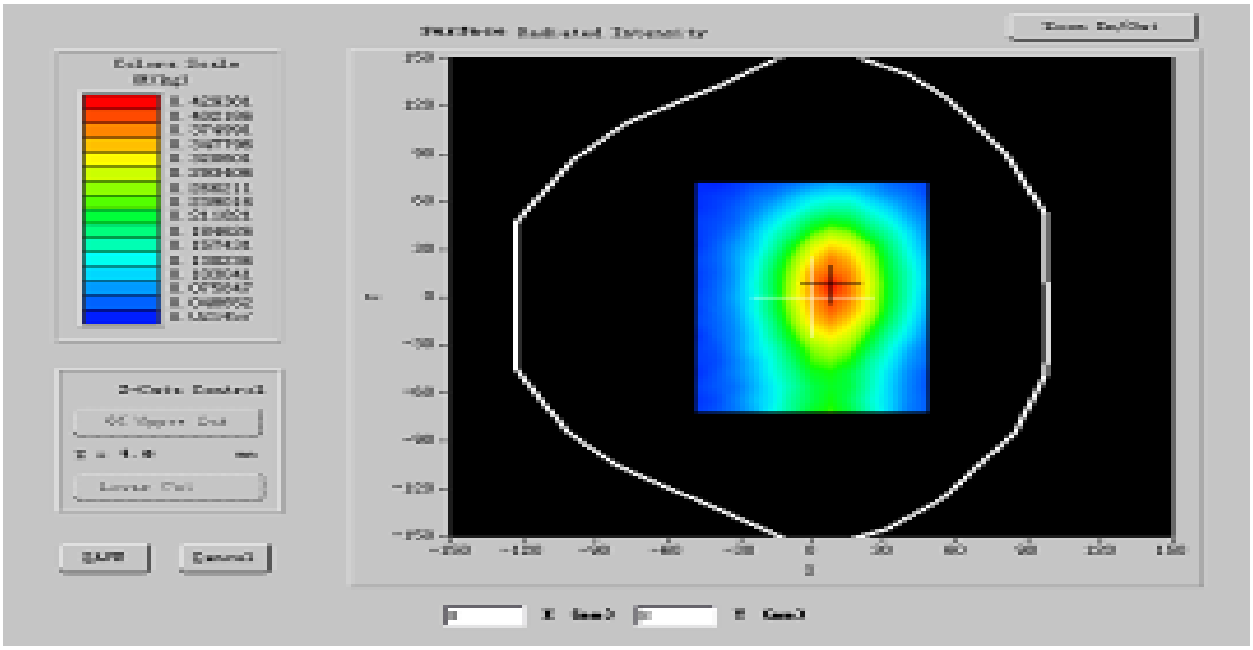
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

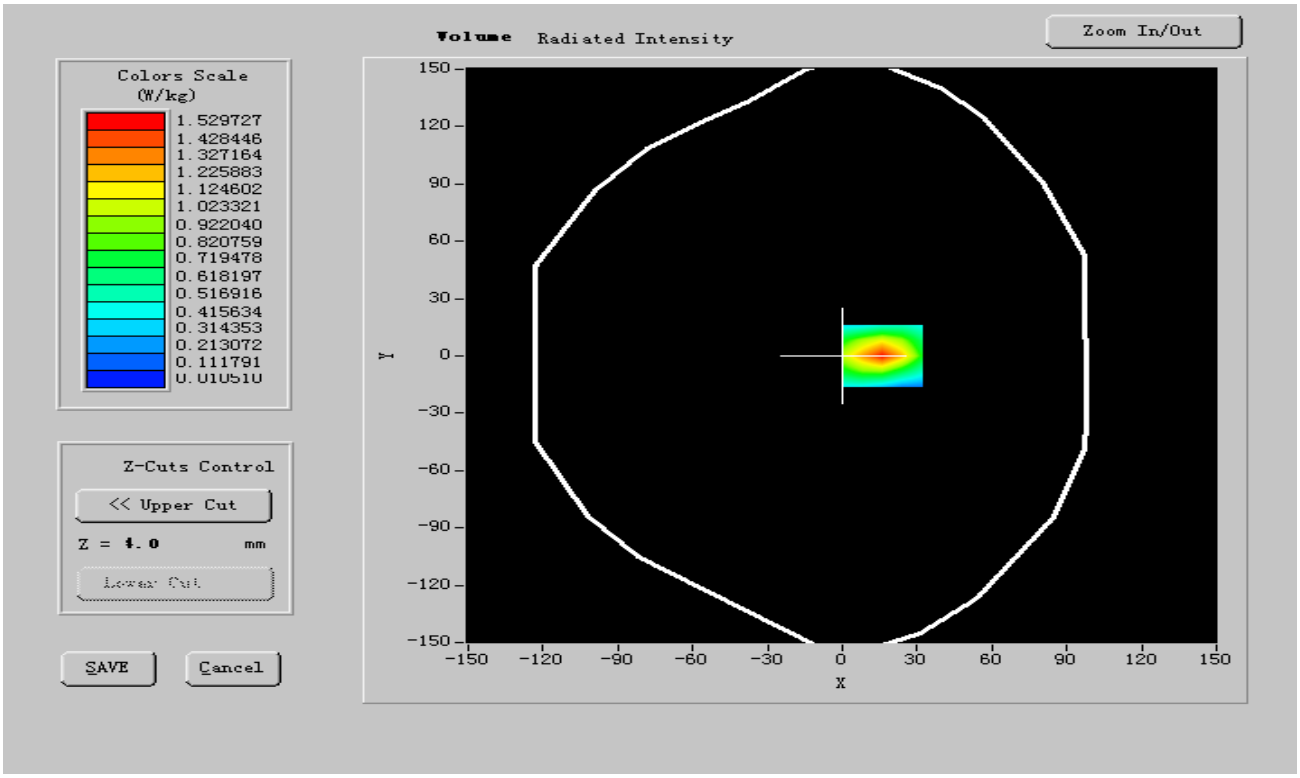
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**51.813362**
Relative permitivity (imaginary part)	**14.319028**
Conductivity (S/m)	**1.513217**
Variation (%)	**-0.110000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:2**

SURFACE SAR



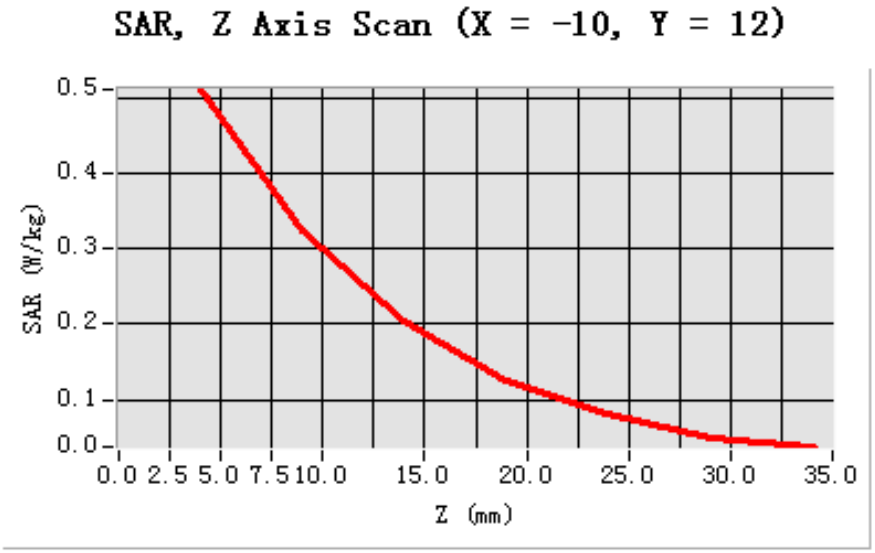
VOLUME SAR



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

SAR 10g (W/Kg)	0.601927
SAR 1g (W/Kg)	0.301274

Z Axis Scan



MEASUREMENT 19

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GSM1900
Channels	Low
Signal	GSM

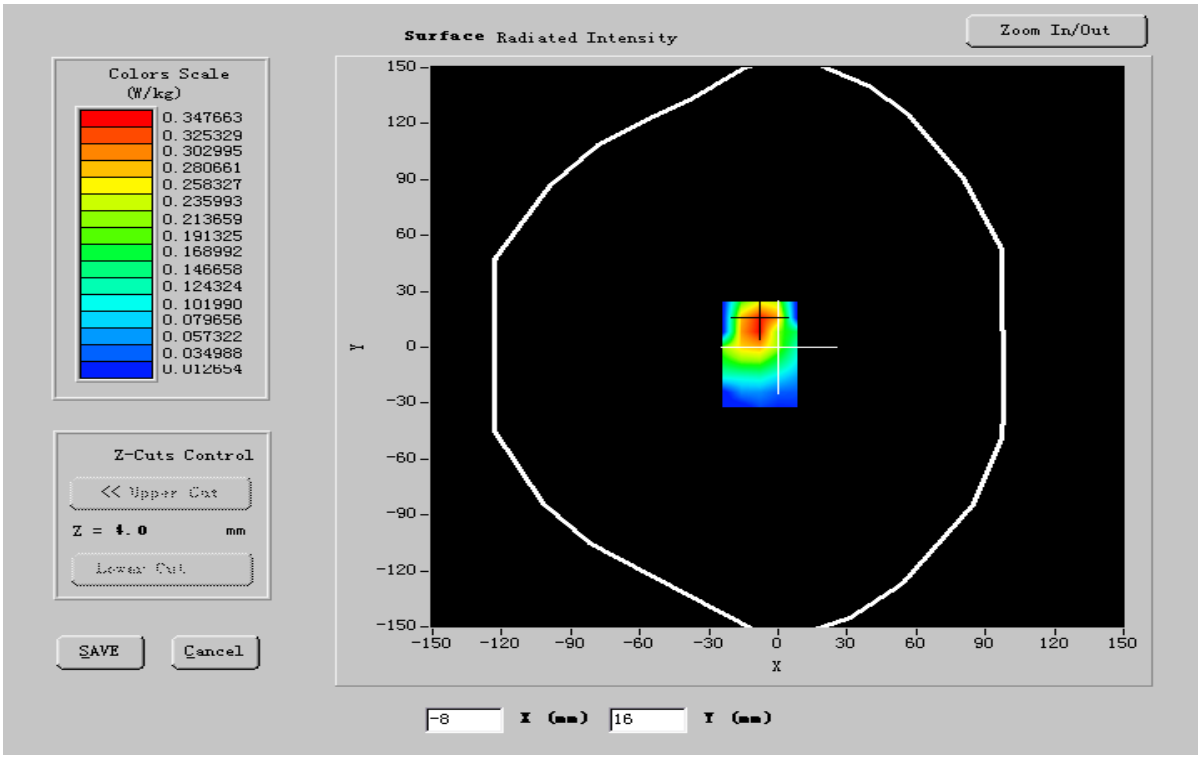
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

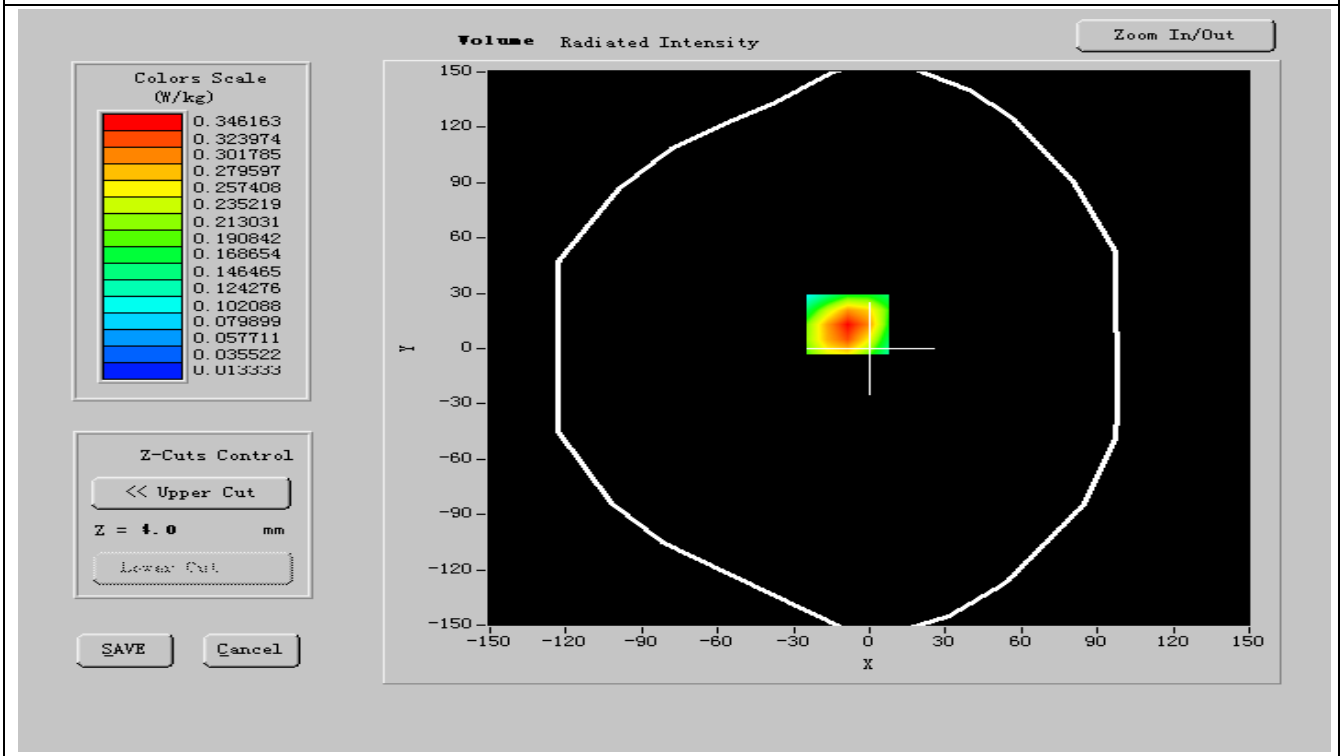
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**52.312080**
Relative permitivity (imaginary part)	**13.581690**
Conductivity (S/m)	**1.411952**
Variation (%)	**-0.130000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:8**

SURFACE SAR



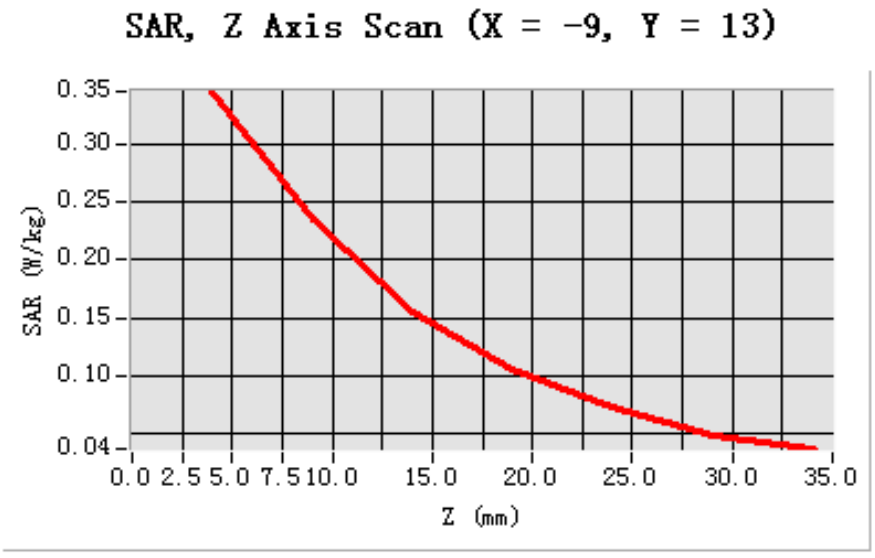
VOLUME SAR



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

SAR 10g (W/Kg)	0.516703
SAR 1g (W/Kg)	0.320691

Z Axis Scan



MEASUREMENT 20

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GSM1900
Channels	Middle
Signal	GSM

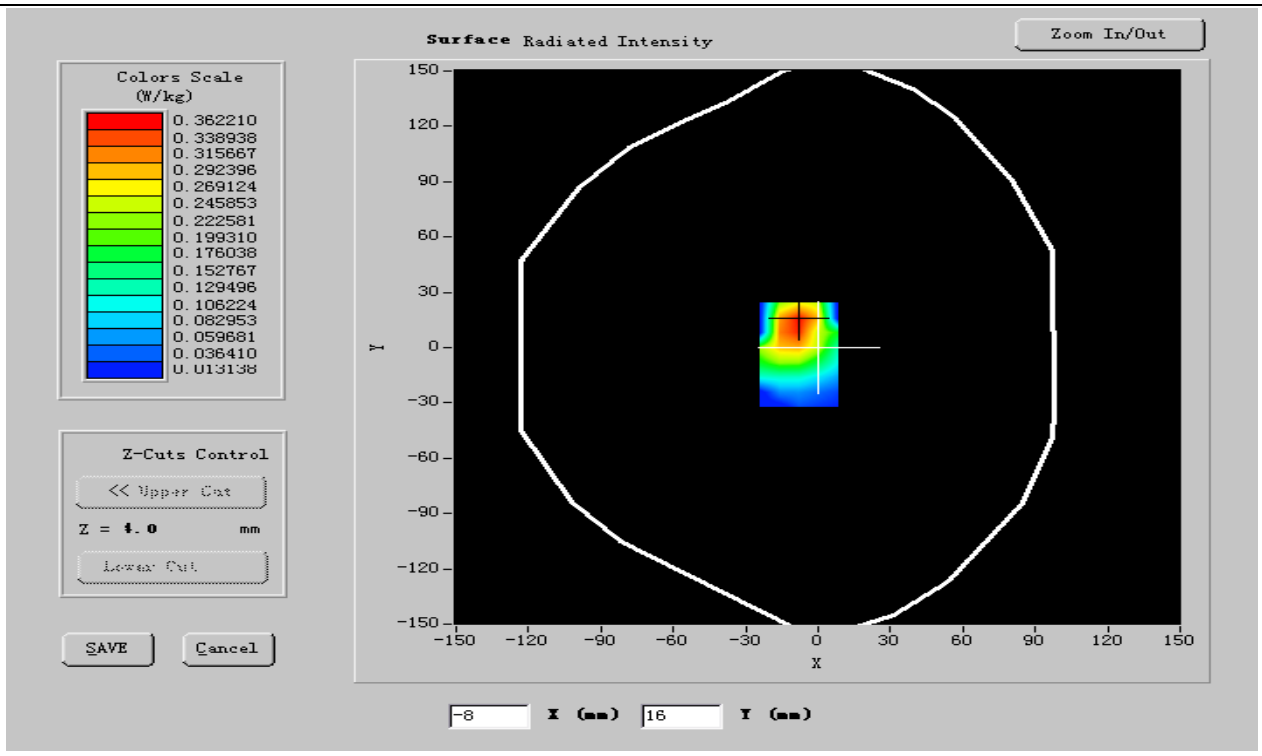
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

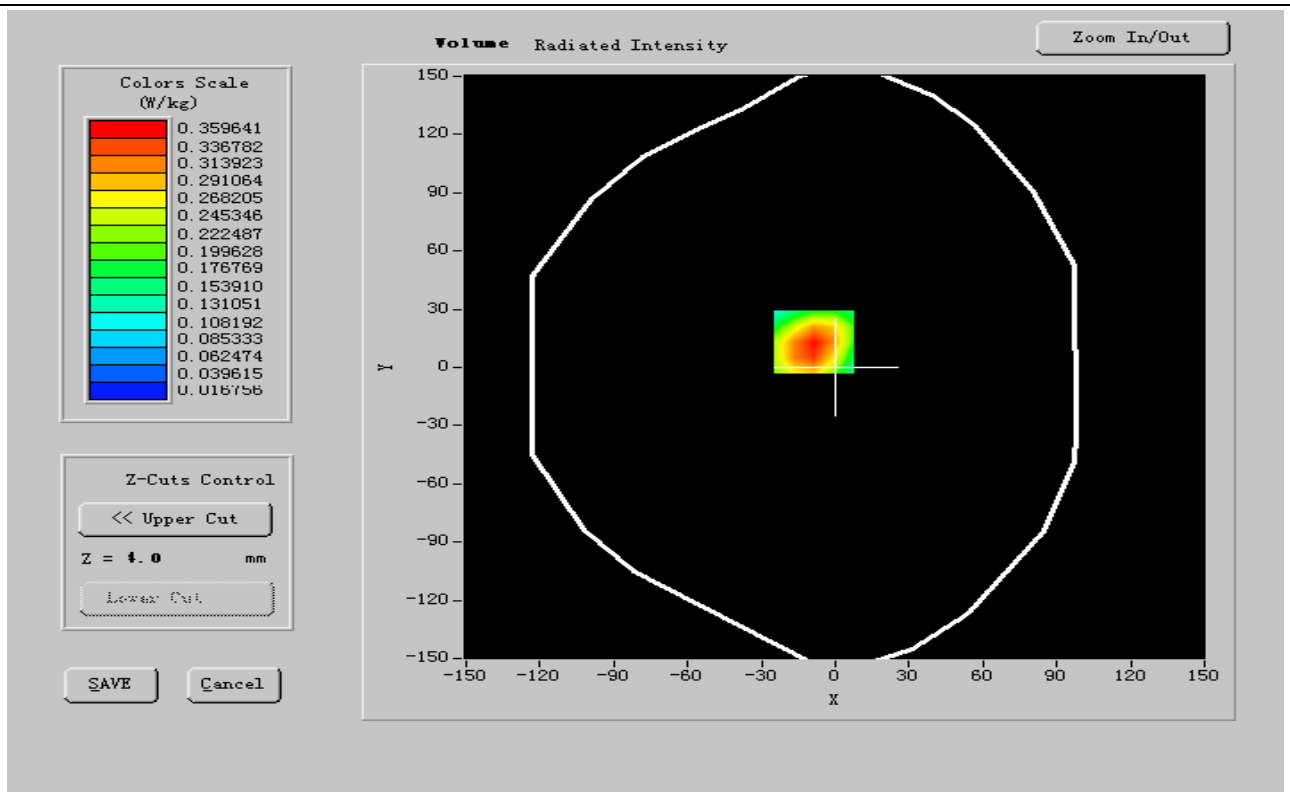
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**52.812701**
Relative permitivity (imaginary part)	**13.816400**
Conductivity (S/m)	**1.516227**
Variation (%)	**-0.700000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:8**

SURFACE SAR



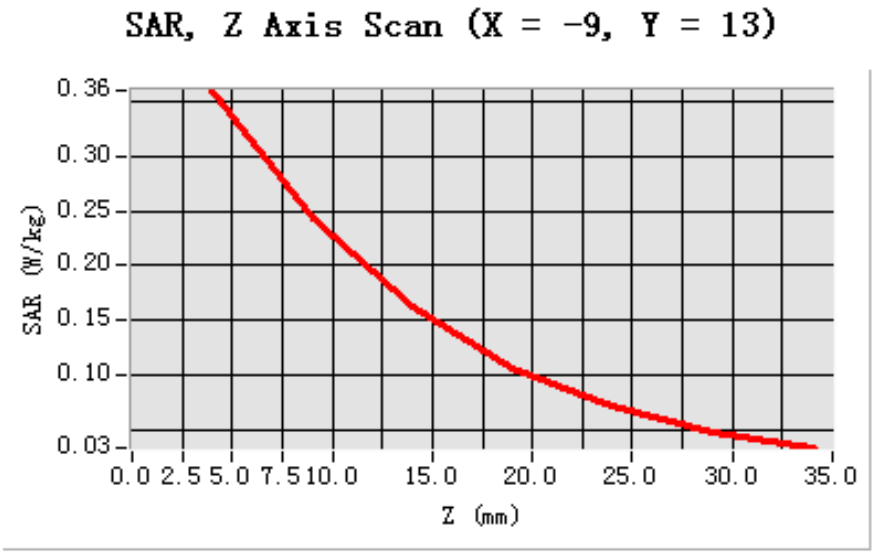
VOLUME SAR



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

SAR 10g (W/Kg)	0.582104
SAR 1g (W/Kg)	0.302156

Z Axis Scan



MEASUREMENT 21

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GSM1900
Channels	High
Signal	GSM

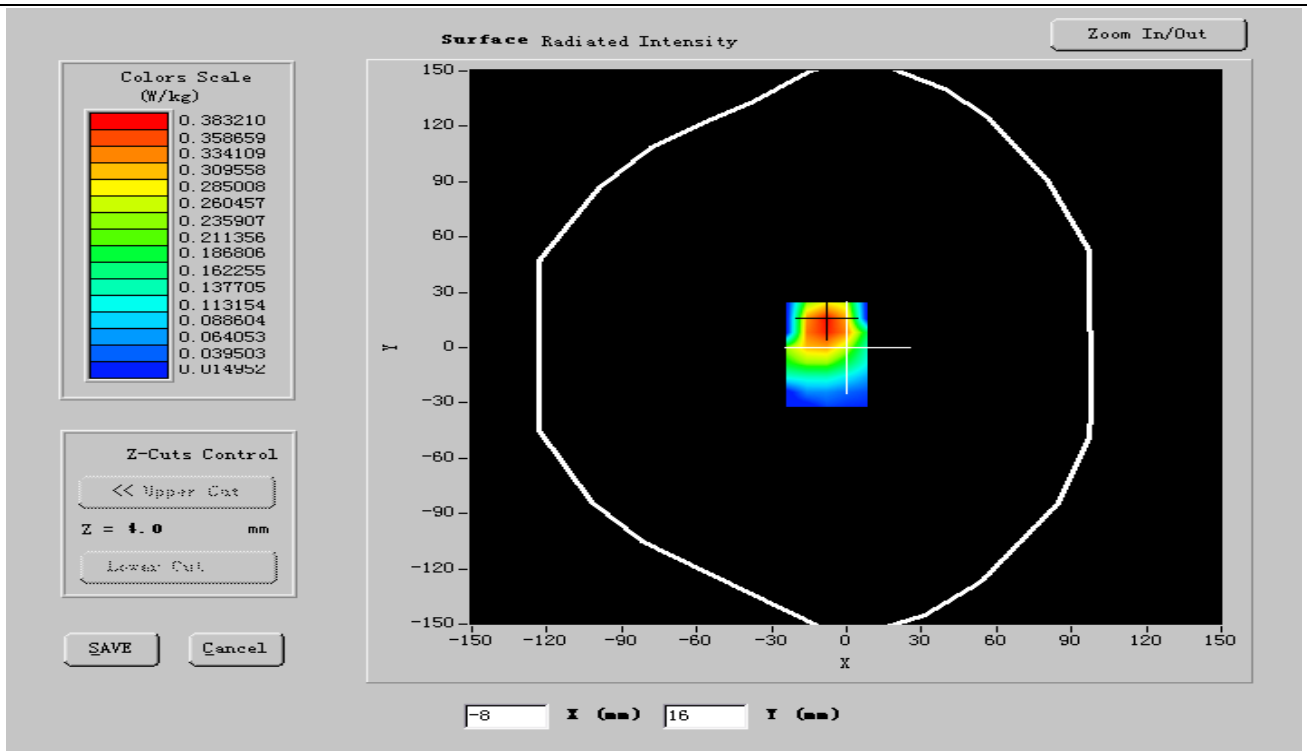
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

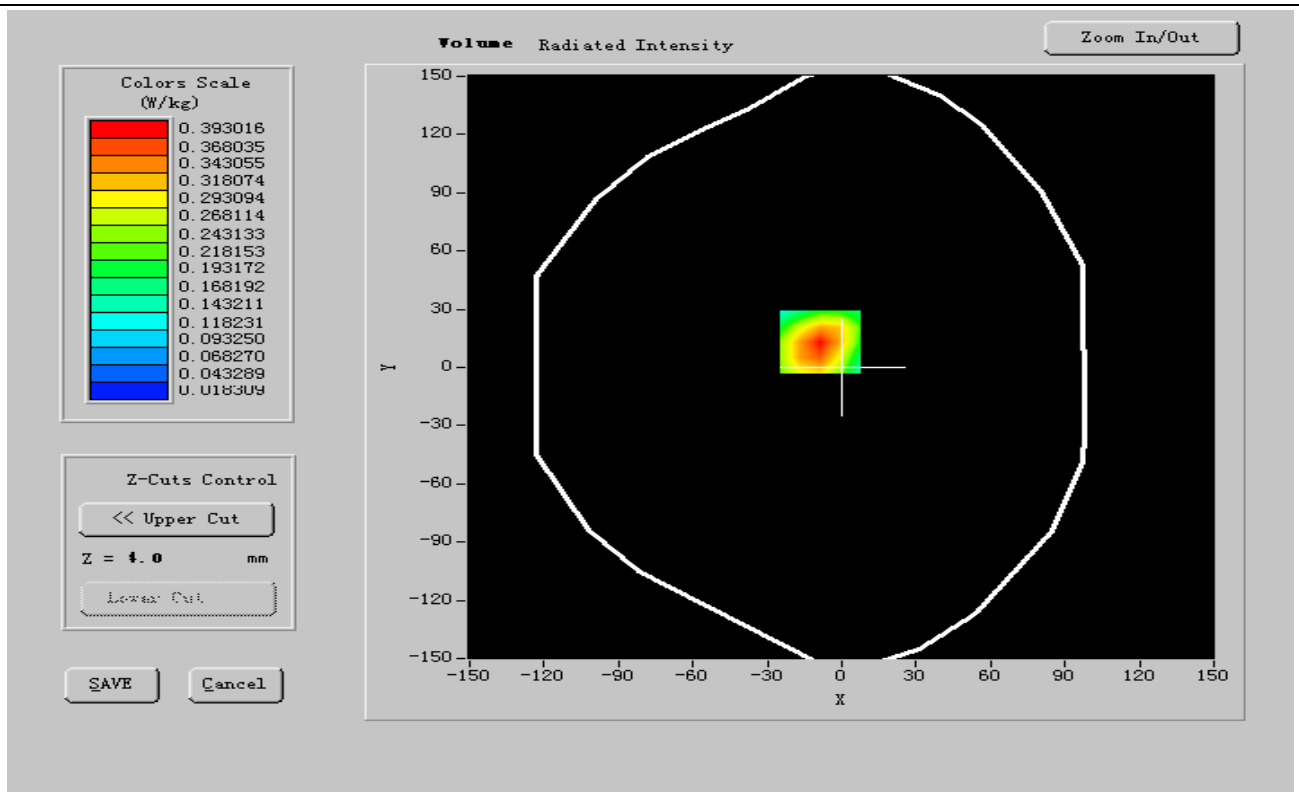
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**52.885999**
Relative permitivity (imaginary part)	**13.669900**
Conductivity (S/m)	**1.520175**
Variation (%)	**-0.600000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:8**

SURFACE SAR



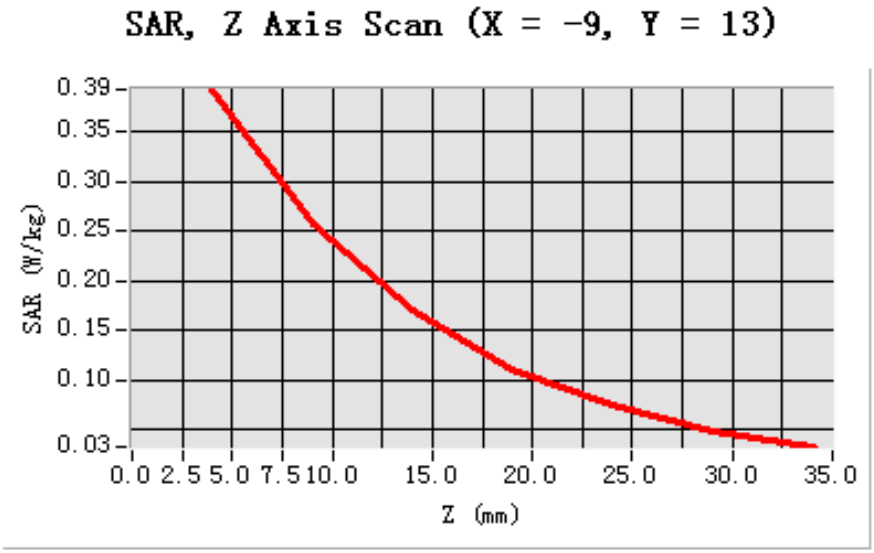
VOLUME SAR



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

SAR 10g (W/Kg)	0.290843
SAR 1g (W/Kg)	0.341277

Z Axis Scan



MEASUREMENT 22

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GPRS1900
Channels	Low
Signal	GPRS

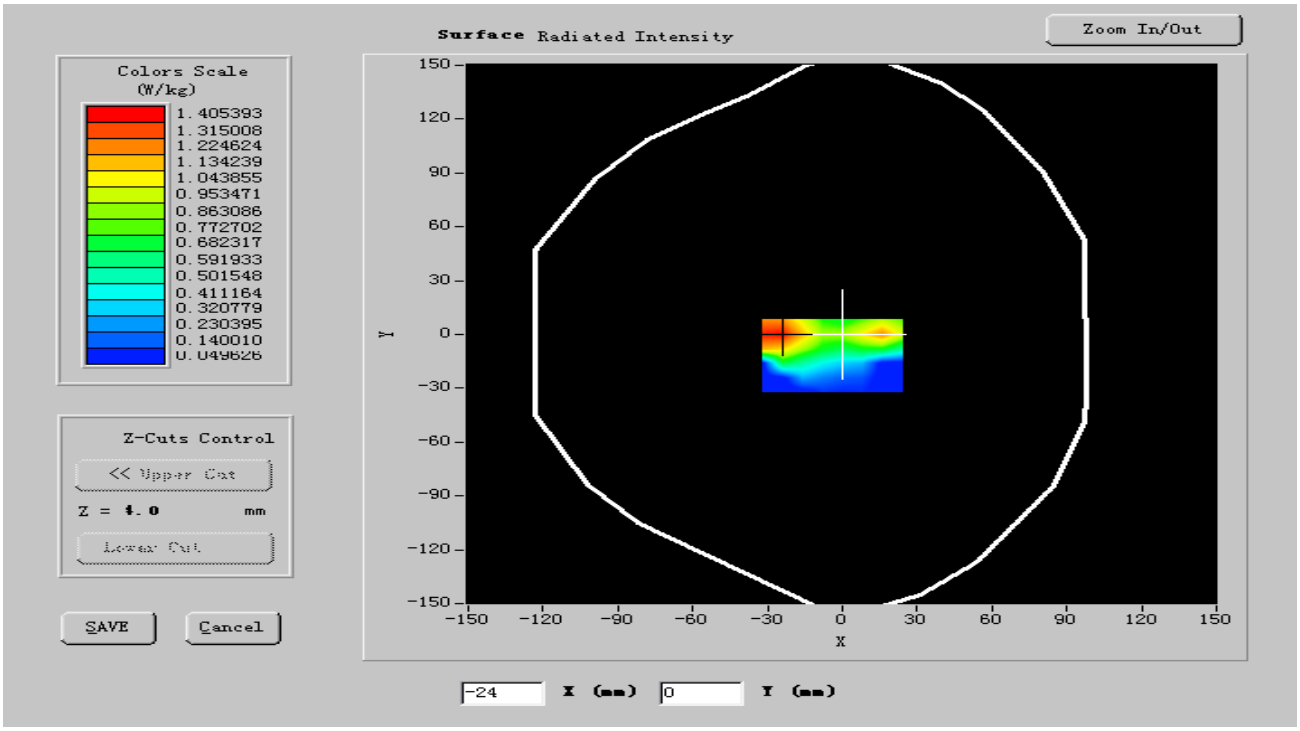
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

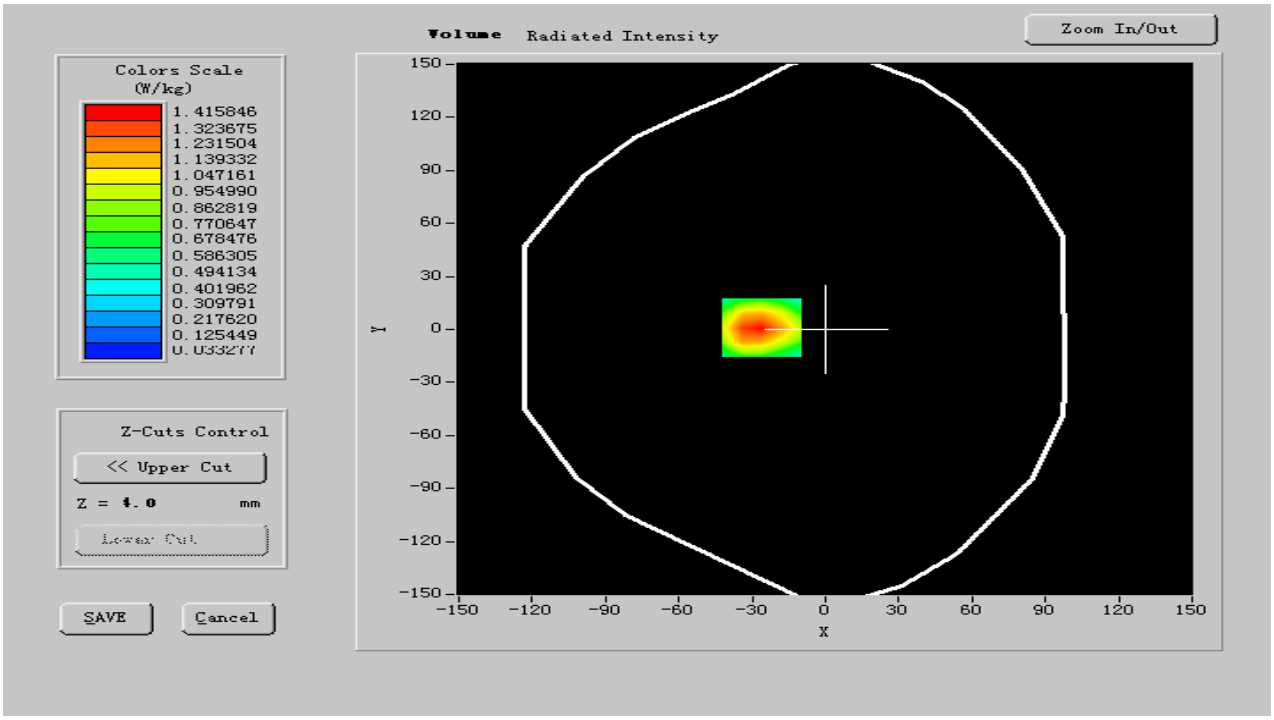
C. SAR Measurement Results

Frequency (MHz)	**1850.200000**
Relative permitivity (real part)	**52.349660**
Relative permitivity (imaginary part)	**14.420193**
Conductivity (S/m)	**1.526098**
Variation (%)	**-0.400000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:2**

SURFACE SAR



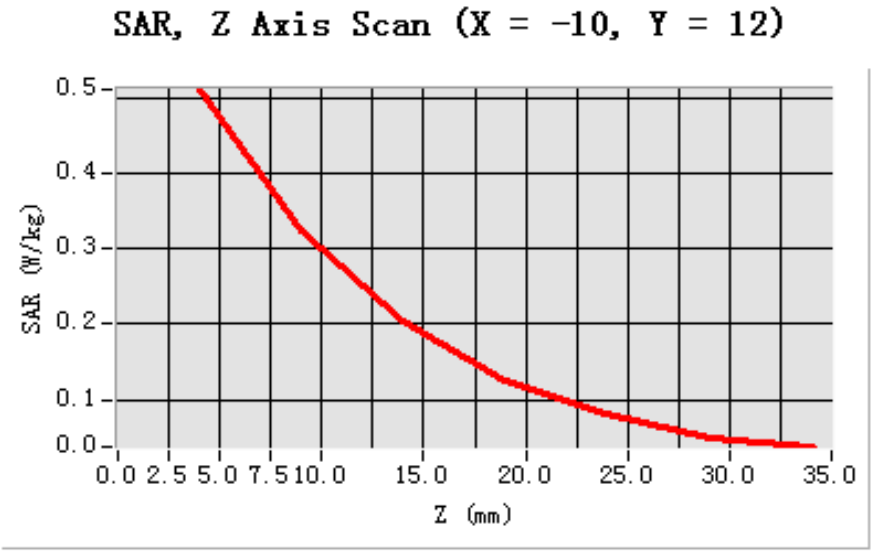
VOLUME SAR



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

SAR 10g (W/Kg)	0.482014
SAR 1g (W/Kg)	0.280717

Z Axis Scan



MEASUREMENT 23

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GPRS1900
Channels	Middle
Signal	GPRS

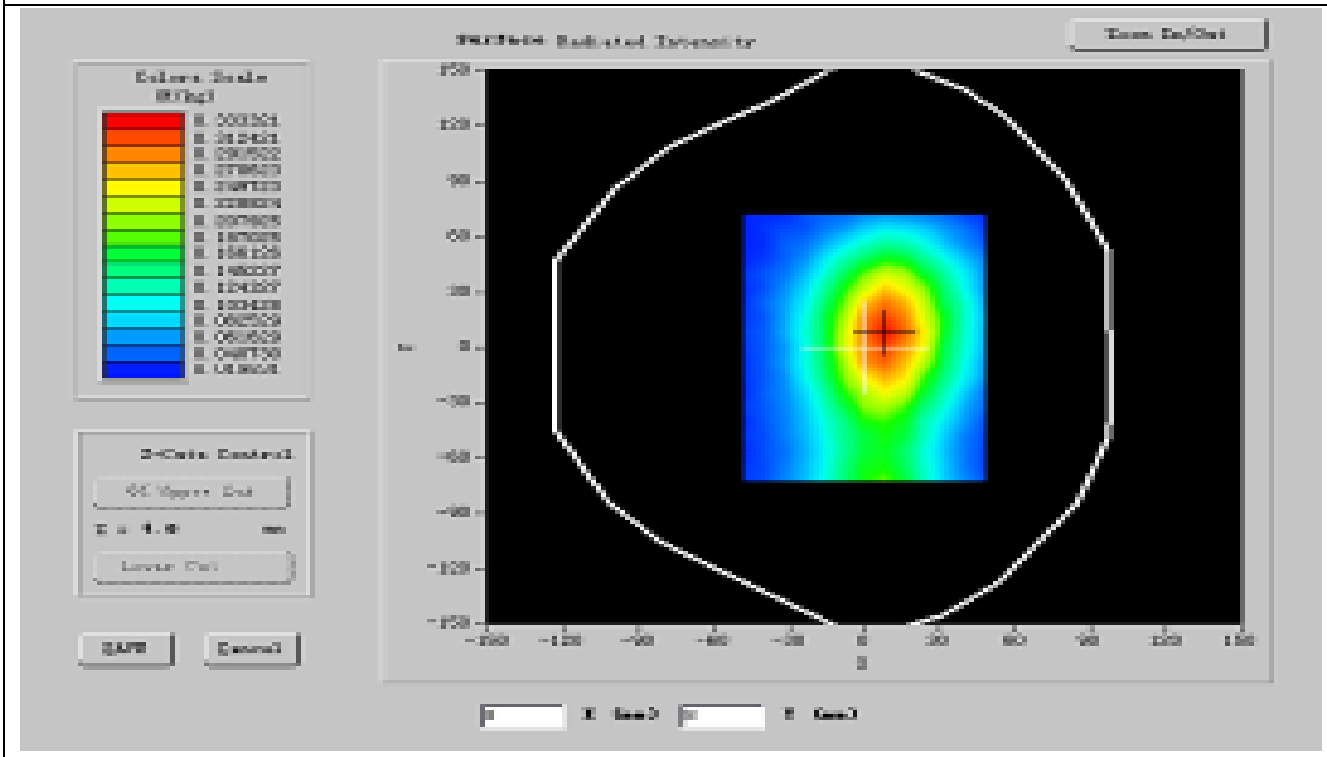
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

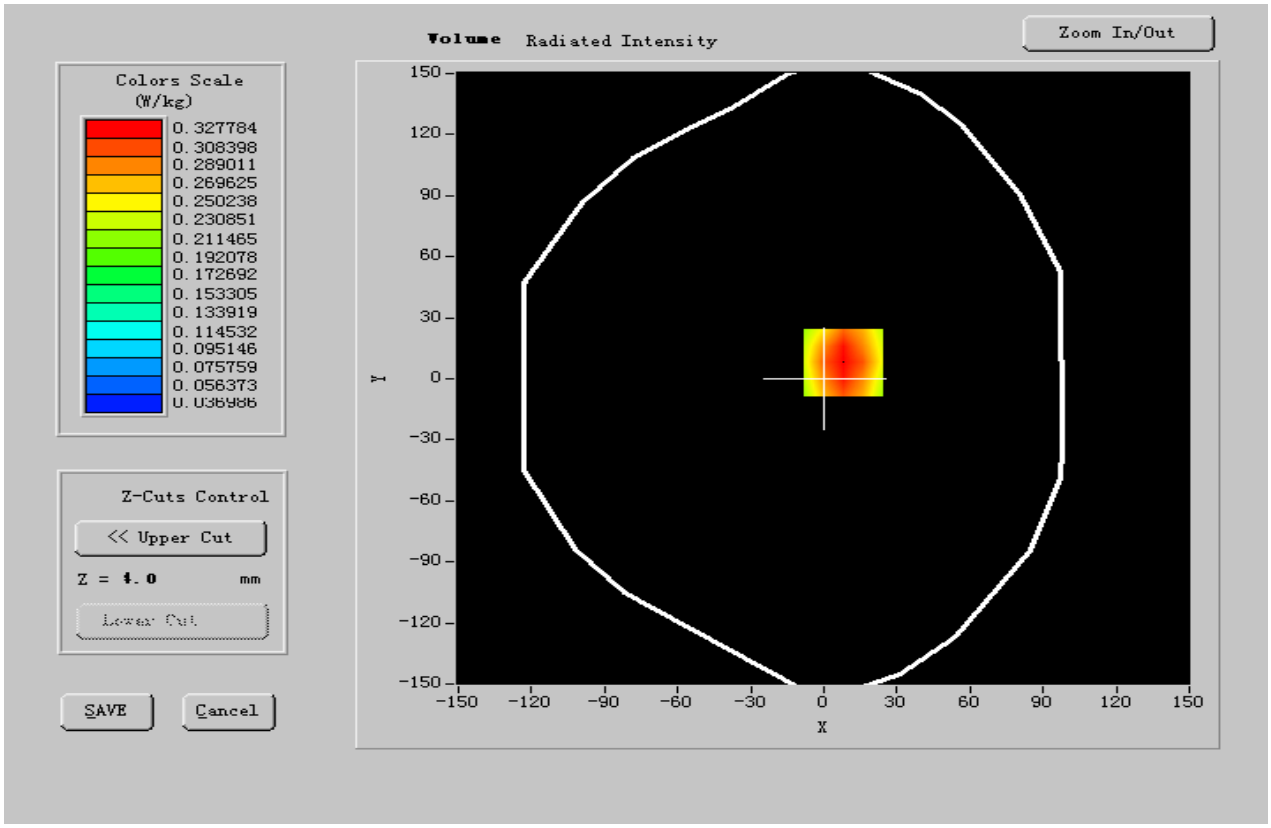
C. SAR Measurement Results

Frequency (MHz)	**1880.000000**
Relative permitivity (real part)	**51.418401**
Relative permitivity (imaginary part)	**14.291706**
Conductivity (S/m)	**1.517404**
Variation (%)	**-1.010000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor：	**1:2**

SURFACE SAR



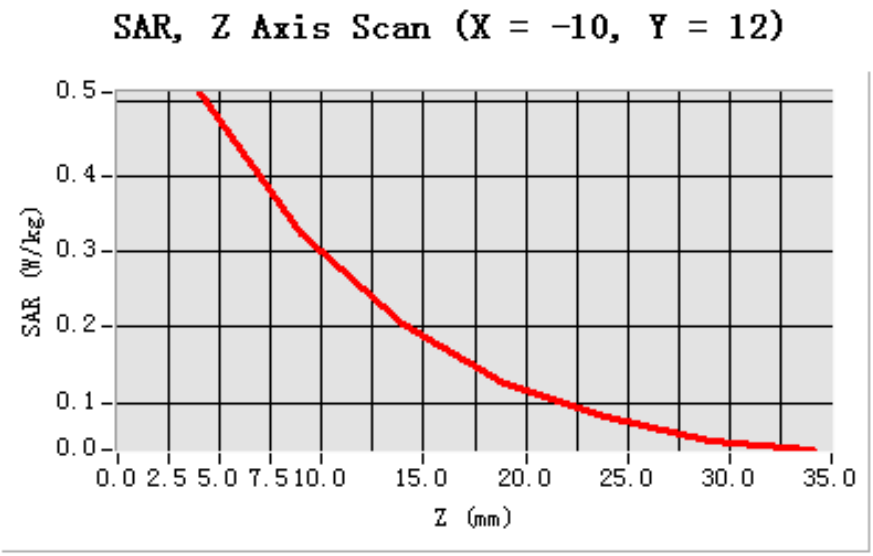
VOLUME SAR



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

SAR 10g (W/Kg)	0.584527
SAR 1g (W/Kg)	0.331673

Z Axis Scan



MEASUREMENT 24

Date of measurement: 01/19/2011

Area Scan: 7 x 7 x 1 dx=15mm dy=15mm

Zoom Scan: 5 x 5 x 7 dx=5mm dy=5mm dz=5mm

Z Axis Scan: 1 x 1 x 21 dx=20mm dy=20mm dz=5mm

A. Experimental conditions.

Phantom File	zinf15.txt, Adaptative 2 max
Phantom	Body
Device Position	FrontSide toward phantom
Band	GPRS1900
Channels	High
Signal	GPRS

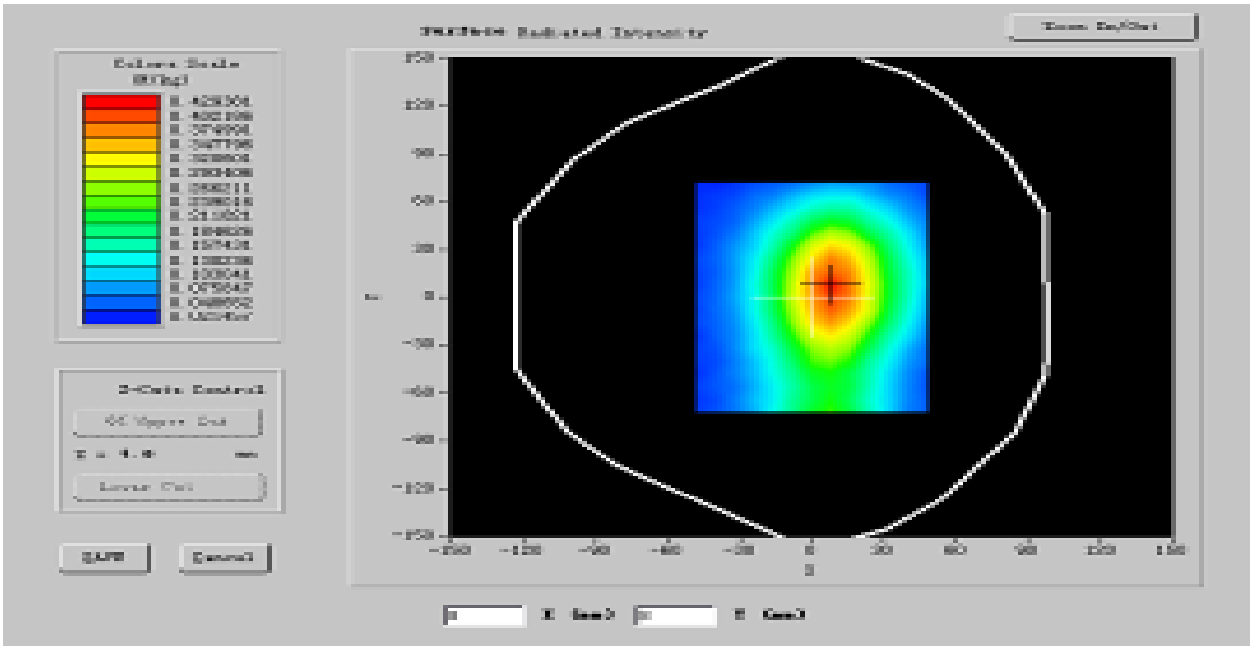
B. Instrumentations.

PC	**HP (Pentium(R) V3.06GHz, SN:375052-AA1)**	**Calibration Due: N/A**
Wireless Communication Test Set	**R&S (CMU200, SN:B23-03291)**	**Calibration Due: 05/25/2011**
Network Analyzer	**Agilent(E5071B, MY42301382)**	**Calibration Due: 03/24/2011**
Voltmeter	**Keithley (2000, SN:1015843)**	**Calibration Due: 05/25/2011**
Signal Generator	**Agilent (E8257C, SN:MY43321570)**	**Calibration Due: 03/24/2011**
Amplifier	**Mini-Circuits (ZHL-42, SN:110405)**	**Calibration Due: 07/29/2011**
Power Meter	**Agilent (E4416A, SN:QB41292714)**	**Calibration Due: 03/24/2011**
Probe	**Antennessa (SN:SN_1109_EP_100)**	**Calibration Due: 05/04/2011**
DIPOLE 1900	**Antennessa (DIPG35,SN 48/05)**	**Calibration Due: 02/09/2011**
Phantom	**Antennessa (SN:SN41_05_SAM29)**	**Calibration Due: N/A**
Liquid	**Antennessa**	**Calibration Due: N/A**
Measurement SW	**OPEN SAR V2.1**	**Calibration Due: N/A**

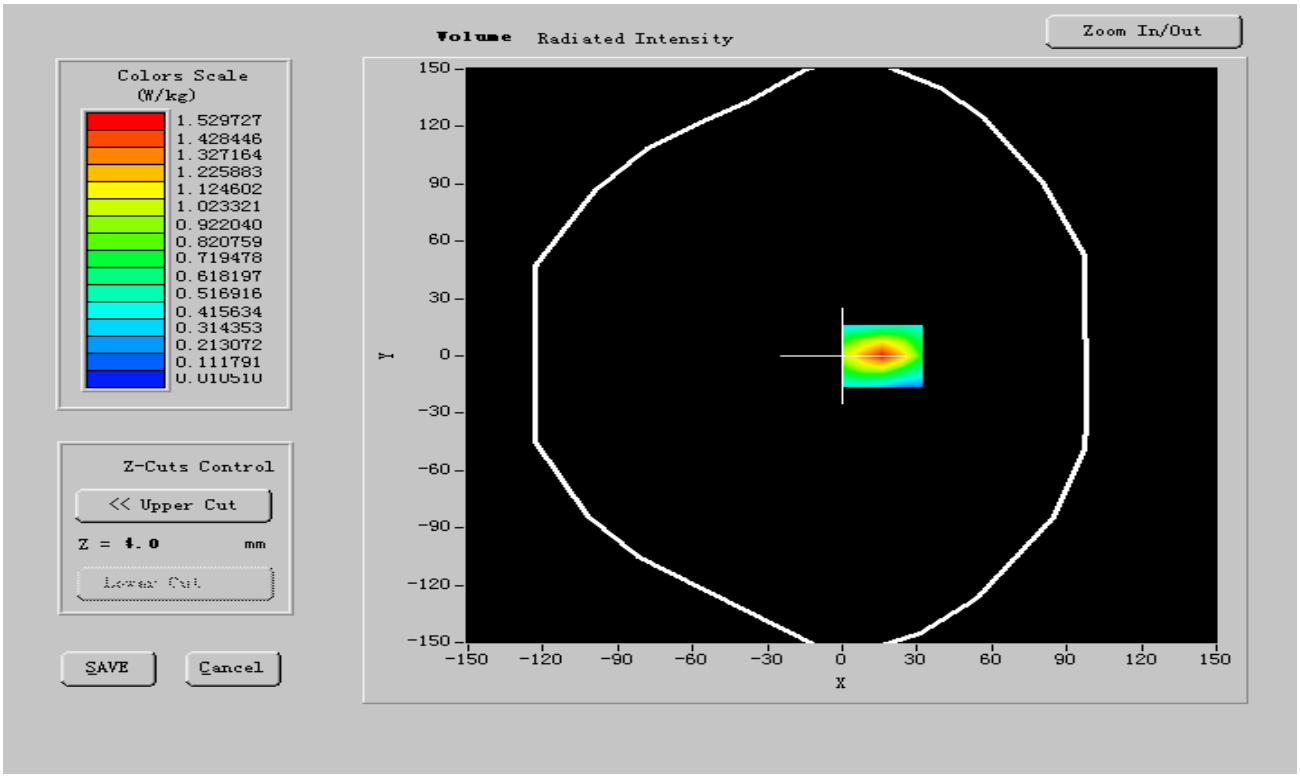
C. SAR Measurement Results

Frequency (MHz)	**1909.800000**
Relative permitivity (real part)	**51.813609**
Relative permitivity (imaginary part)	**14.316303**
Conductivity (S/m)	**1.517234**
Variation (%)	**-0.130000**
Ambient Temperature:	**21.3 °C**
Liquid Temperature:	**20.5 °C**
ConvF:	**40.42, 41.12, 54.75**
Crest factor:	**1:2**

SURFACE SAR



VOLUME SAR



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

SAR 10g (W/Kg)	0.472017
SAR 1g (W/Kg)	0.341057

Z Axis Scan