



II. 1900MHz Band RESULTS

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

**MEASUREMENT 1****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

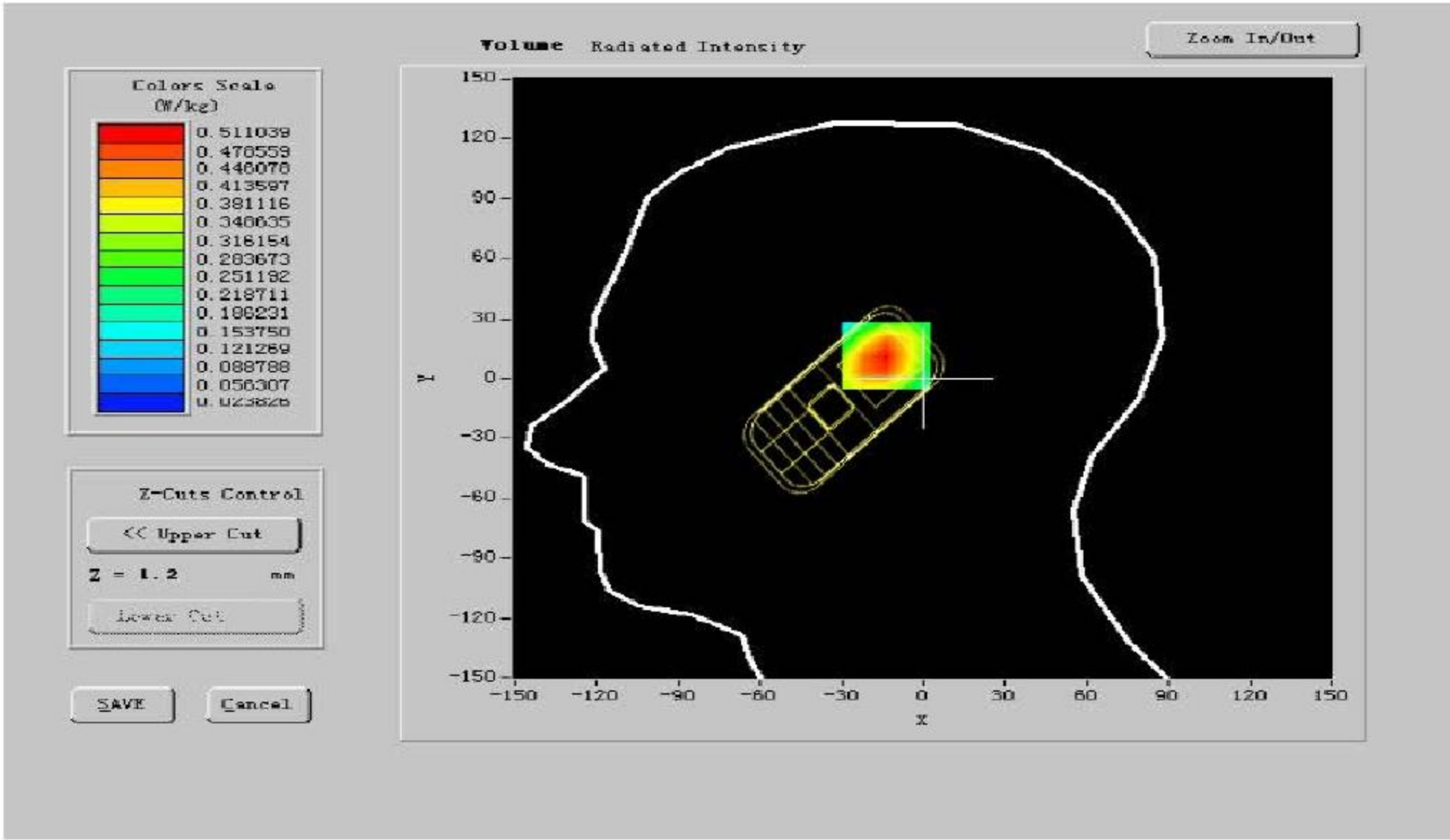
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
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

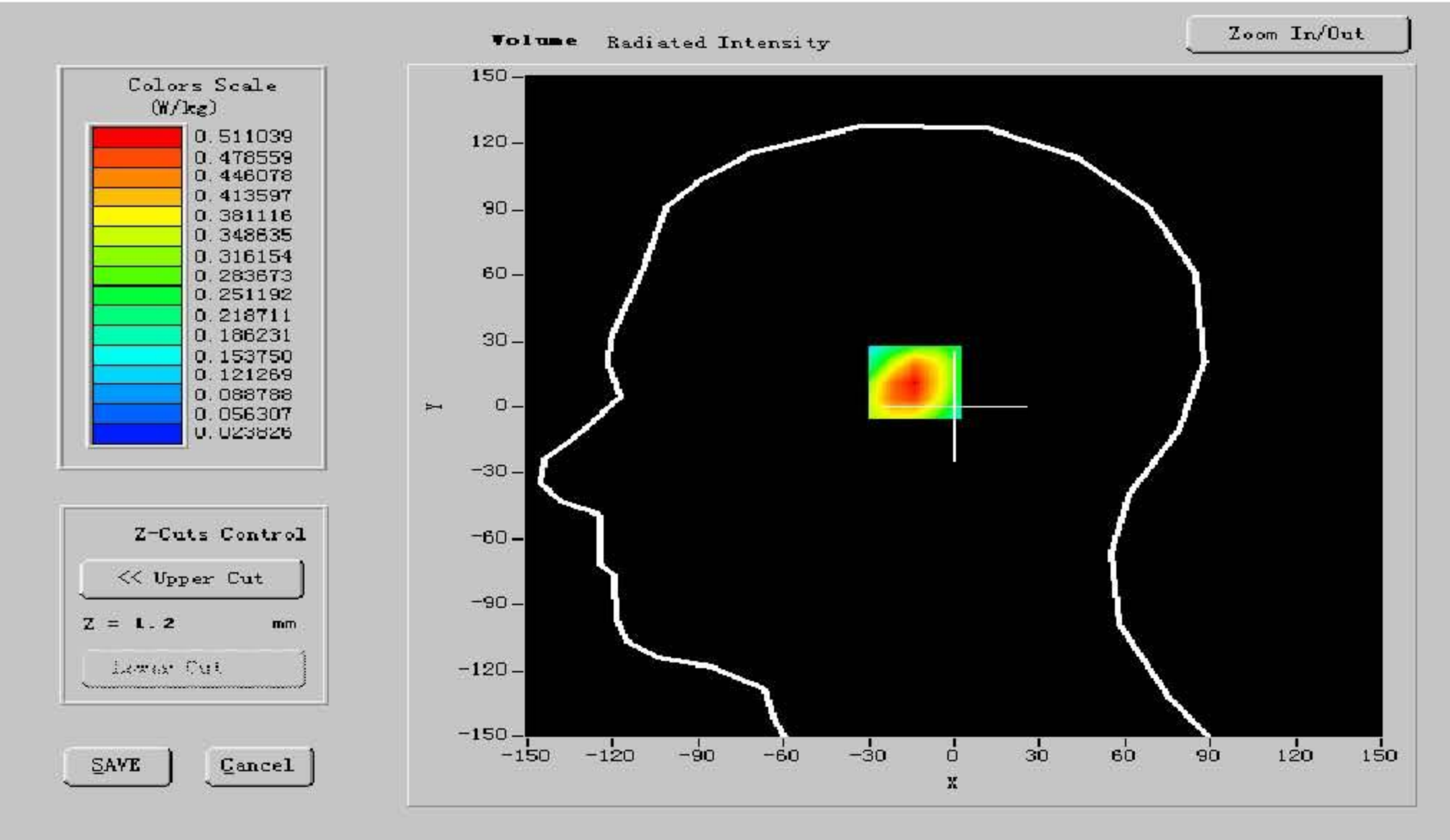
Frequency (MHz)	1850.400024
Relative permittivity (real part)	40.213000
Relative permittivity (imaginary part)	13.584900
Conductivity (S/m)	1.410528
Variation (%)	-1.220000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





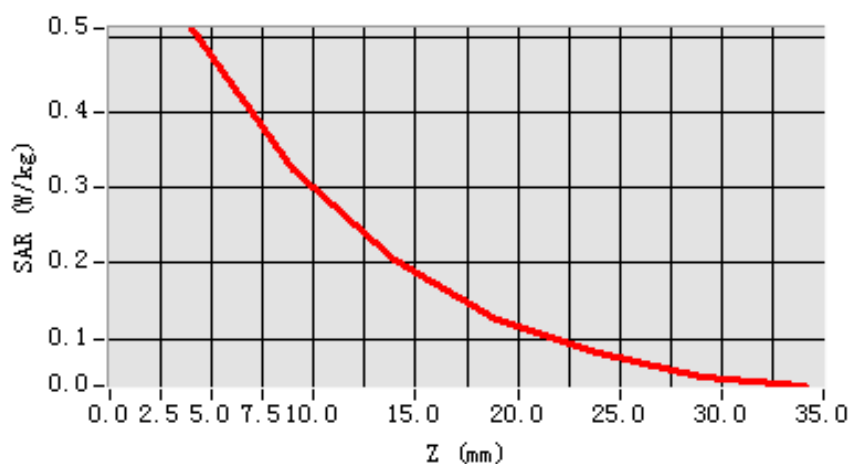
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.278521
SAR 1g (W/Kg)	0.473368

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4733	0.3122	0.1894	0.1224	0.0687	0.0081

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



**MEASUREMENT 2****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

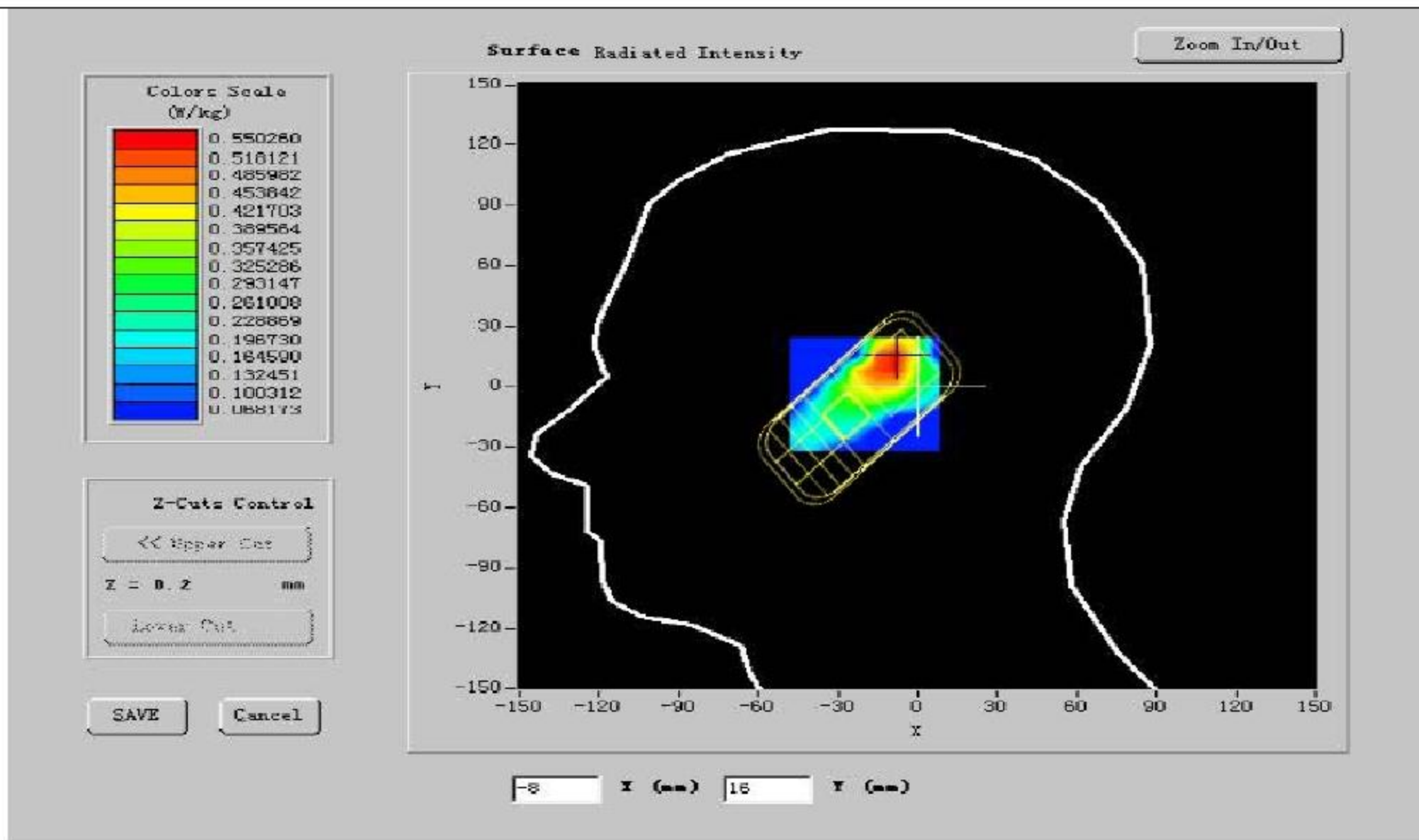
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

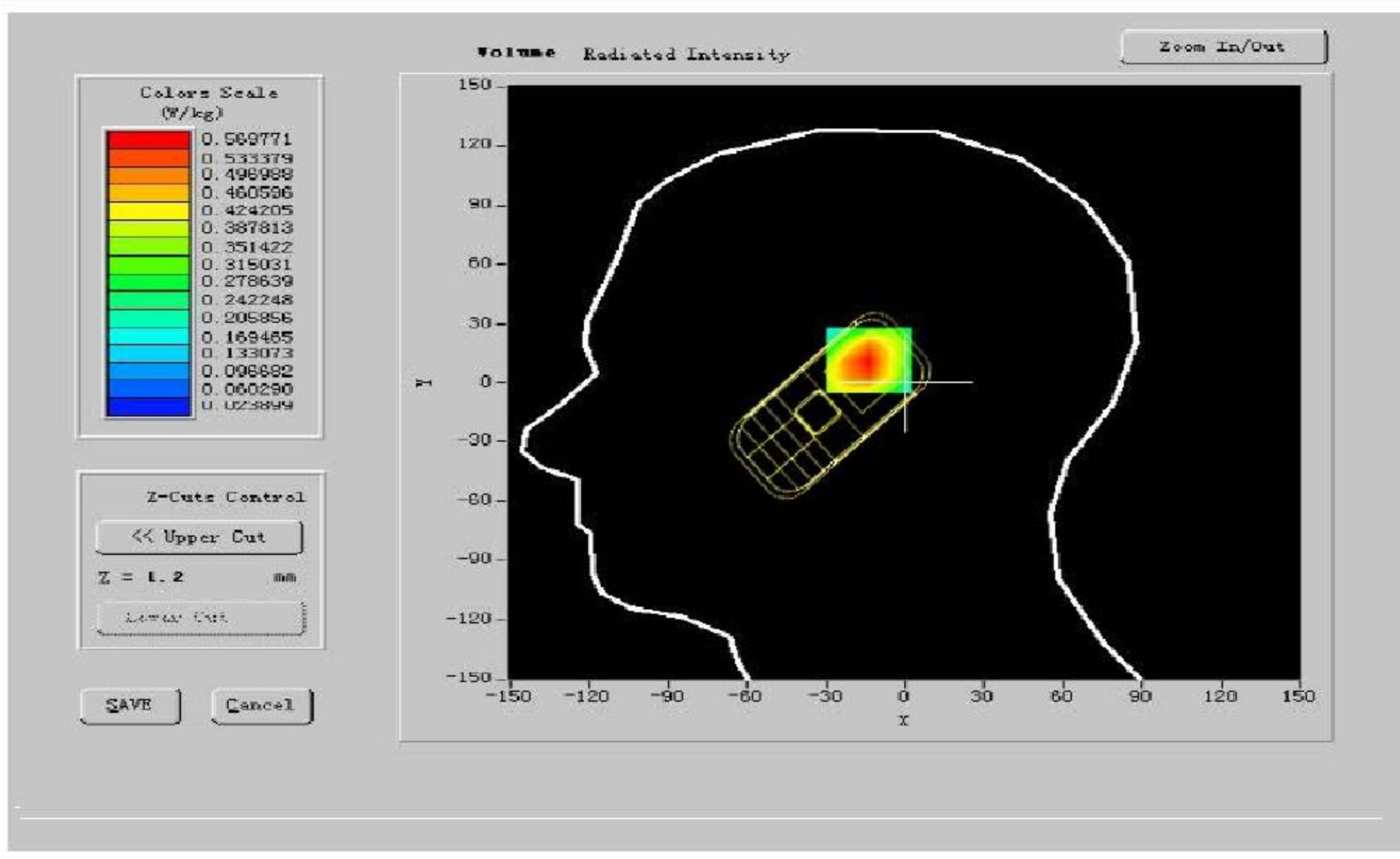
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.198001
Relative permittivity (imaginary part)	13.813800
Conductivity (S/m)	1.422775
Variation (%)	-0.210000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





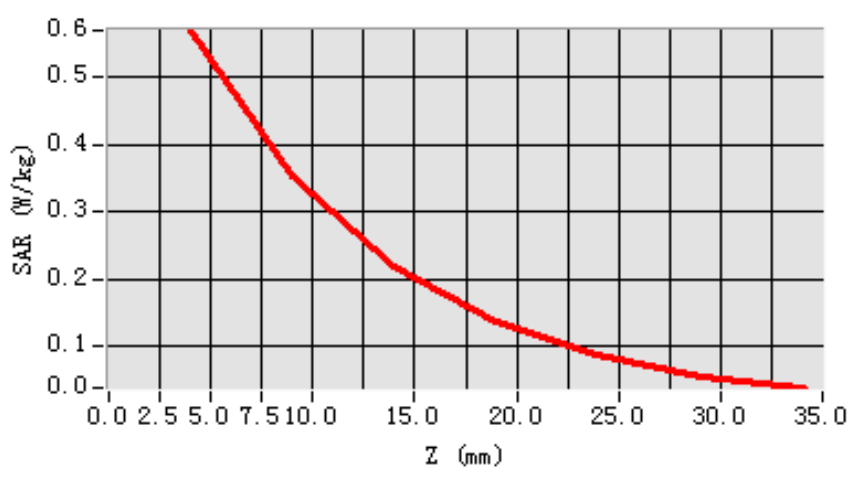
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.309541
SAR 1g (W/Kg)	0.515497

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.5154	0.3322	0.2294	0.1424	0.0789	0.0031

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



**MEASUREMENT 3****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

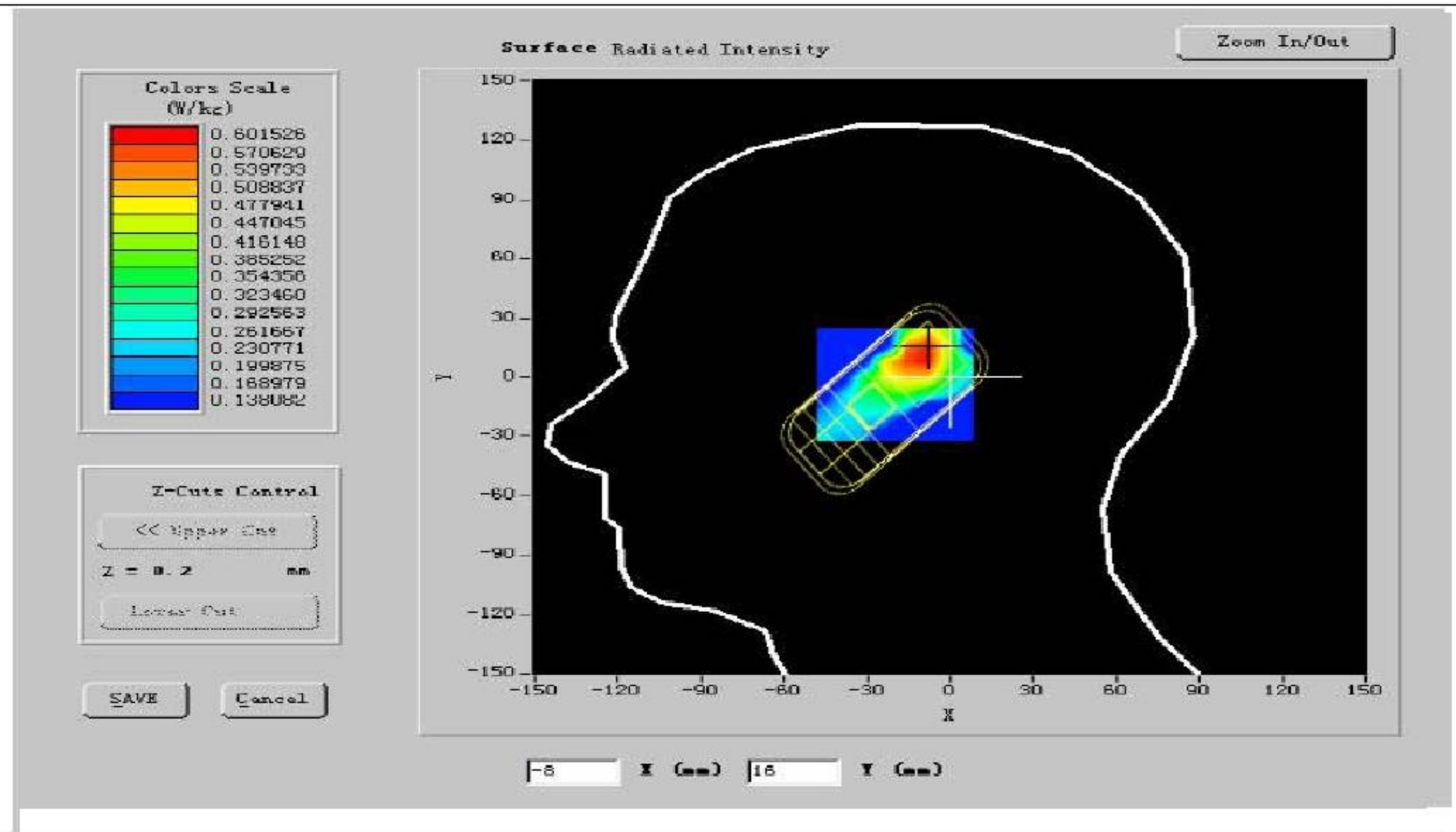
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
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

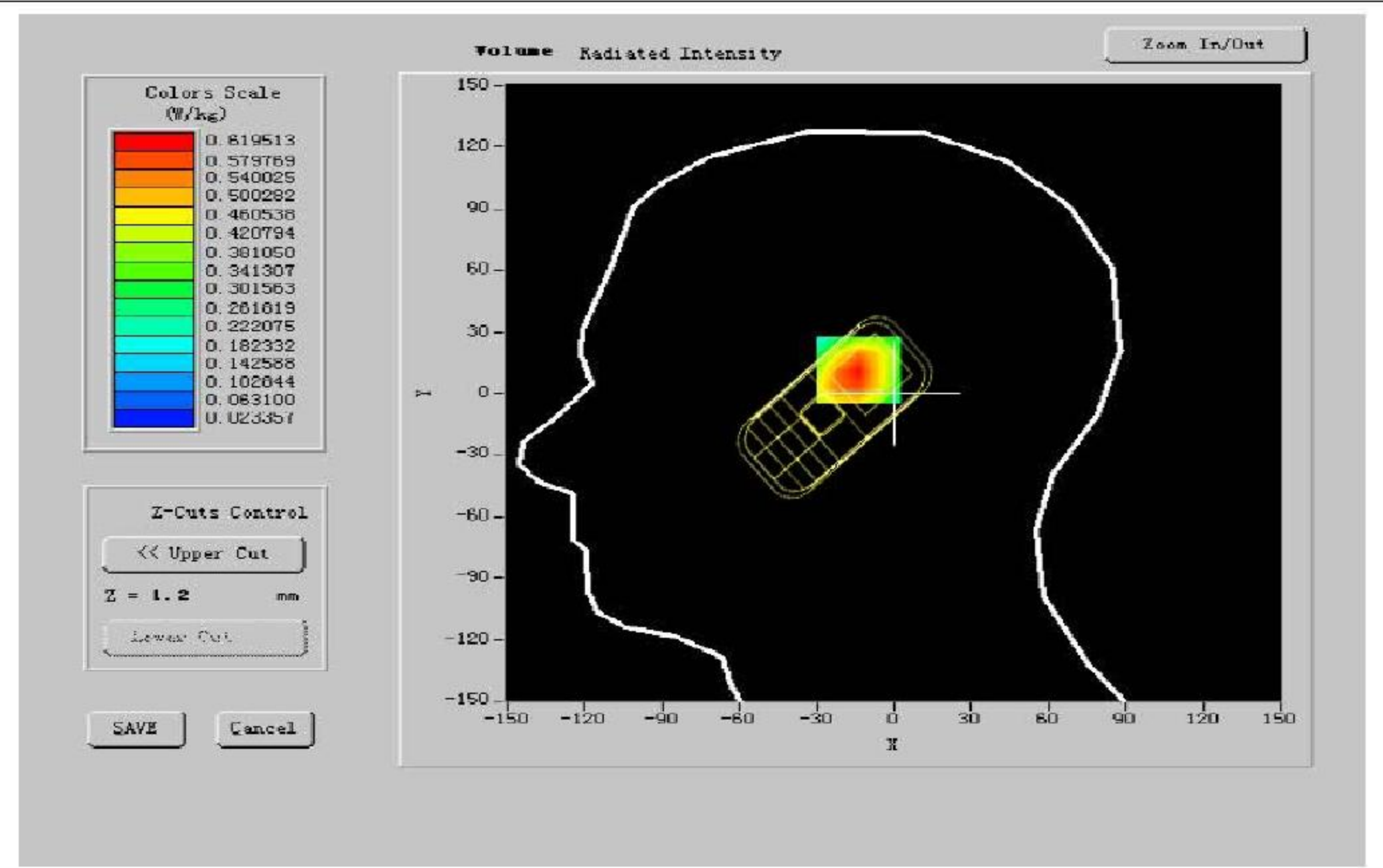
Frequency (MHz)	1909.599976
Relative permittivity (real part)	40.205999
Relative permittivity (imaginary part)	13.669900
Conductivity (S/m)	1.420413
Variation (%)	-0.030000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





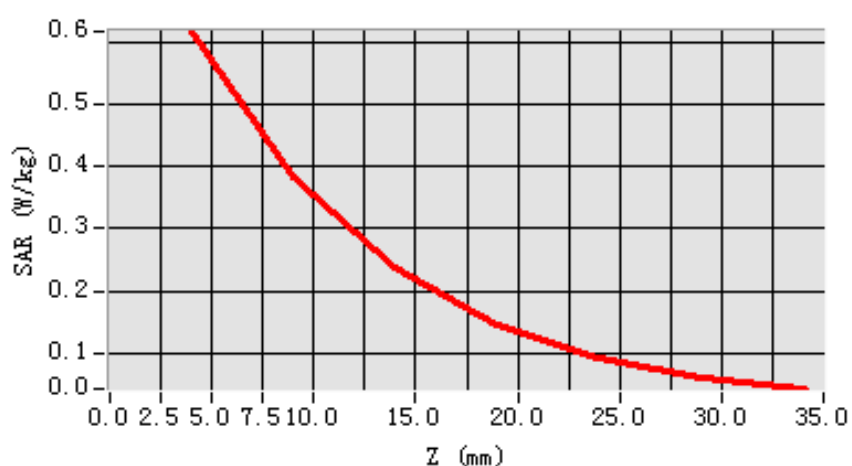
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.348952
SAR 1g (W/Kg)	0.573654

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.5736	0.3422	0.2264	0.1724	0.0889	0.0021

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



**MEASUREMENT 4****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

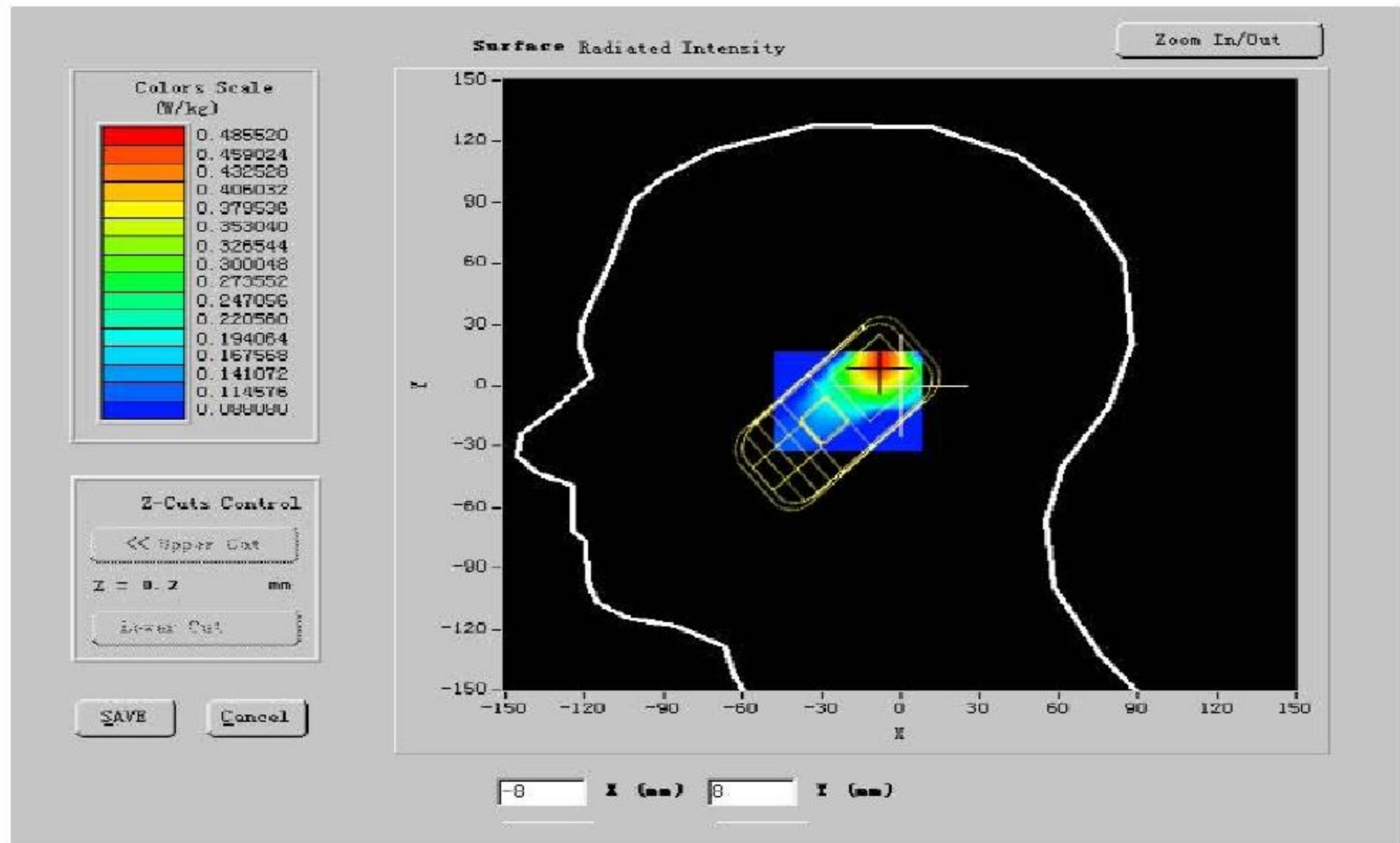
B. Instrumentations.

PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

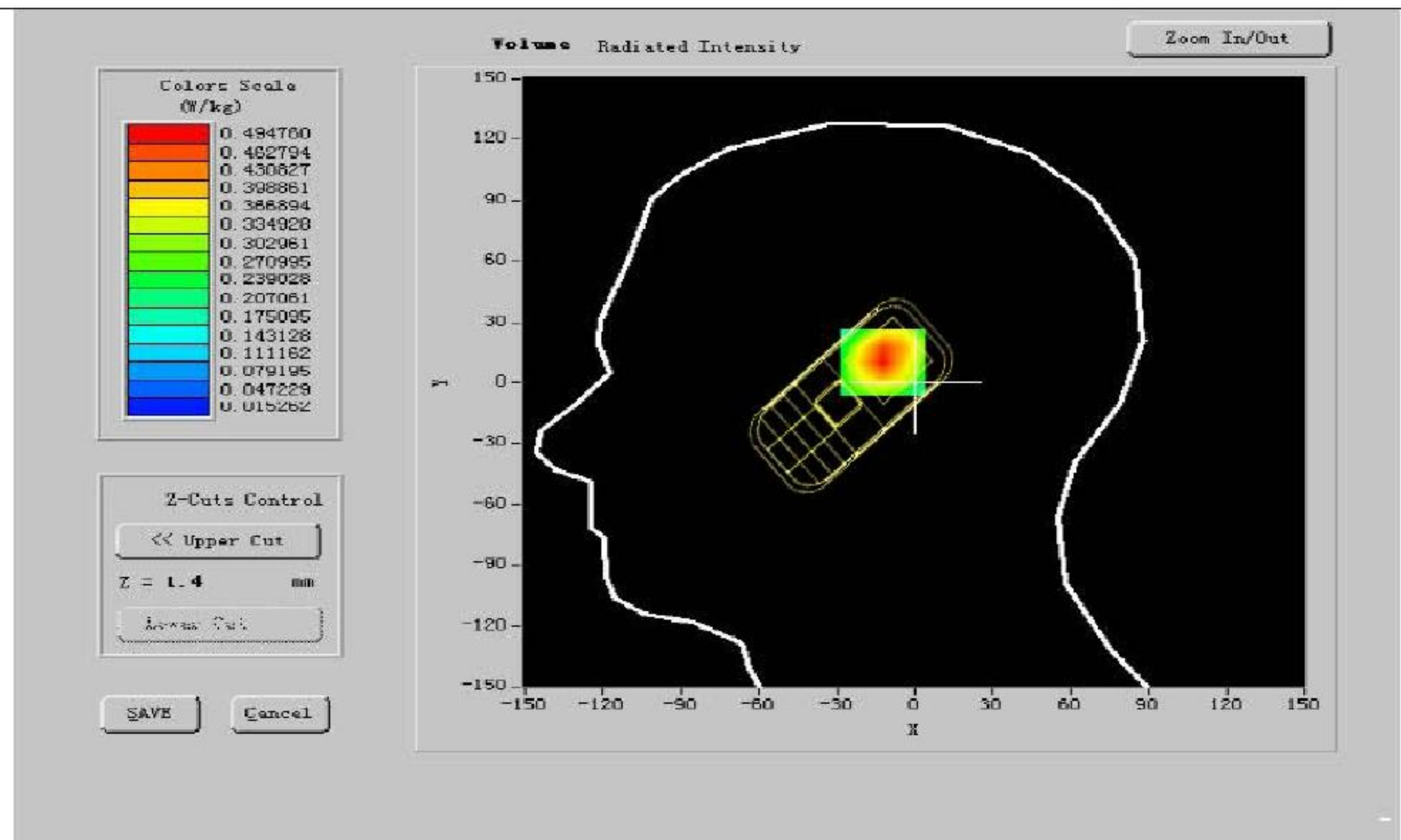
C. SAR Measurement Results

Frequency (MHz)	1850.400024
Relative permittivity (real part)	40.213000
Relative permittivity (imaginary part)	13.584900
Conductivity (S/m)	1.426657
Variation (%)	-1.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8

SURFACE SAR



VOLUME SAR





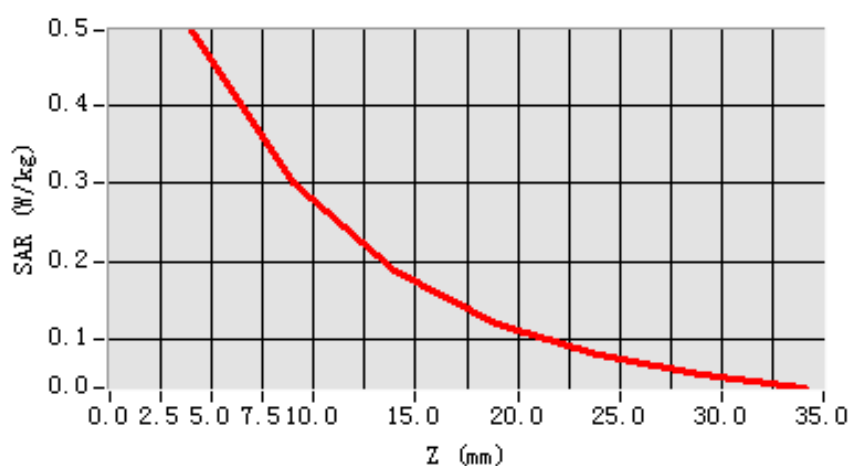
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.259871
SAR 1g (W/Kg)	0.456381

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4563	0.2922	0.1864	0.1124	0.0787	0.0011

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



**MEASUREMENT 5****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

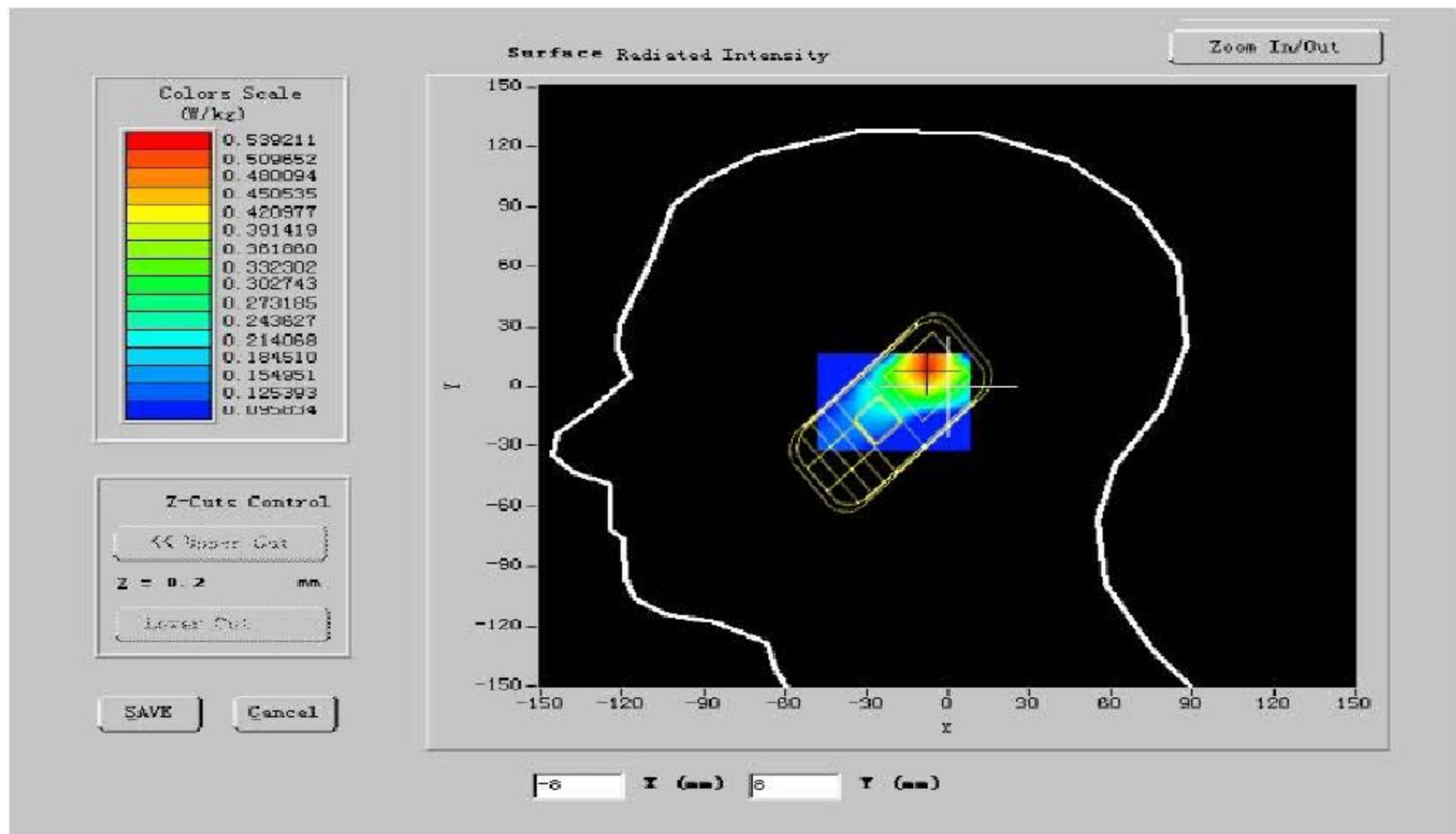
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

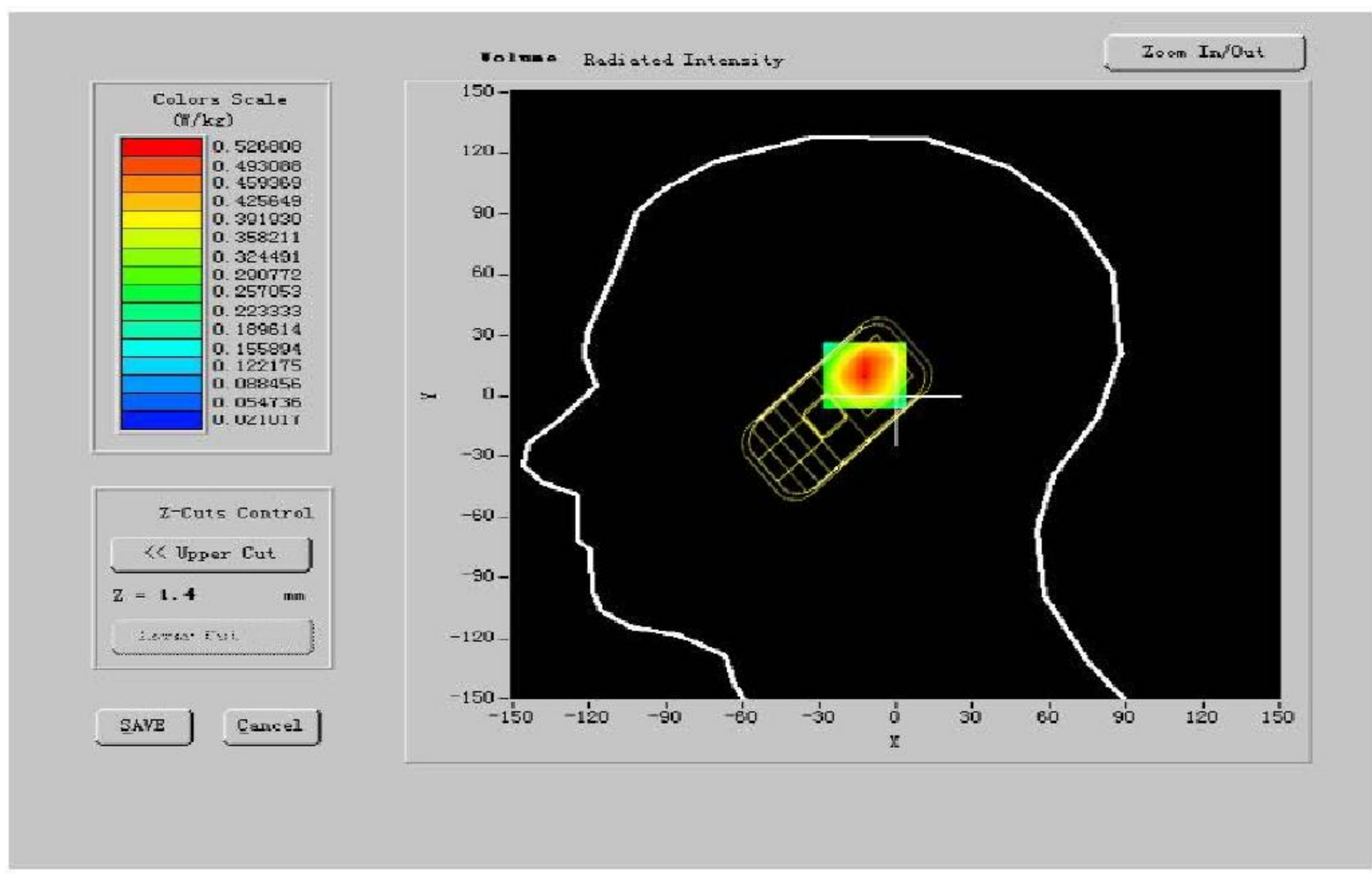
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.193001
Relative permittivity (imaginary part)	13.813800
Conductivity (S/m)	1.422173
Variation (%)	-0.420000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





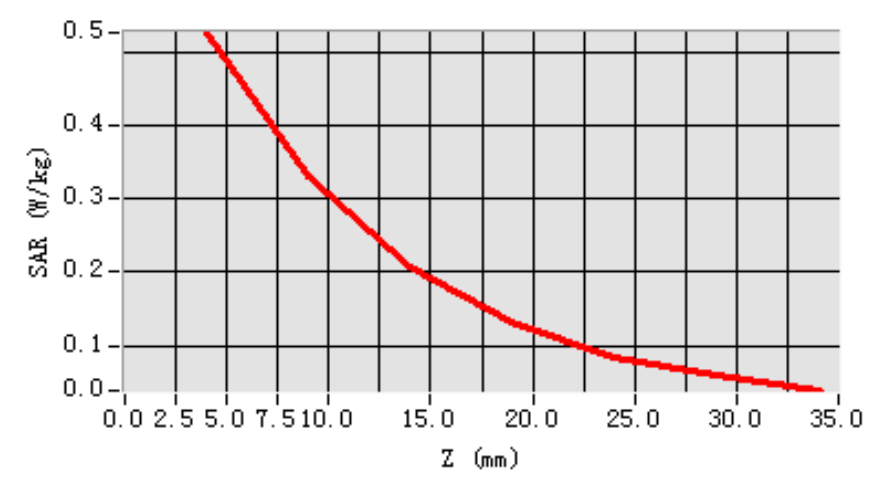
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.289652
SAR 1g (W/Kg)	0.481892

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4818	0.3622	0.2064	0.1324	0.0887	0.0411

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



**MEASUREMENT 6****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

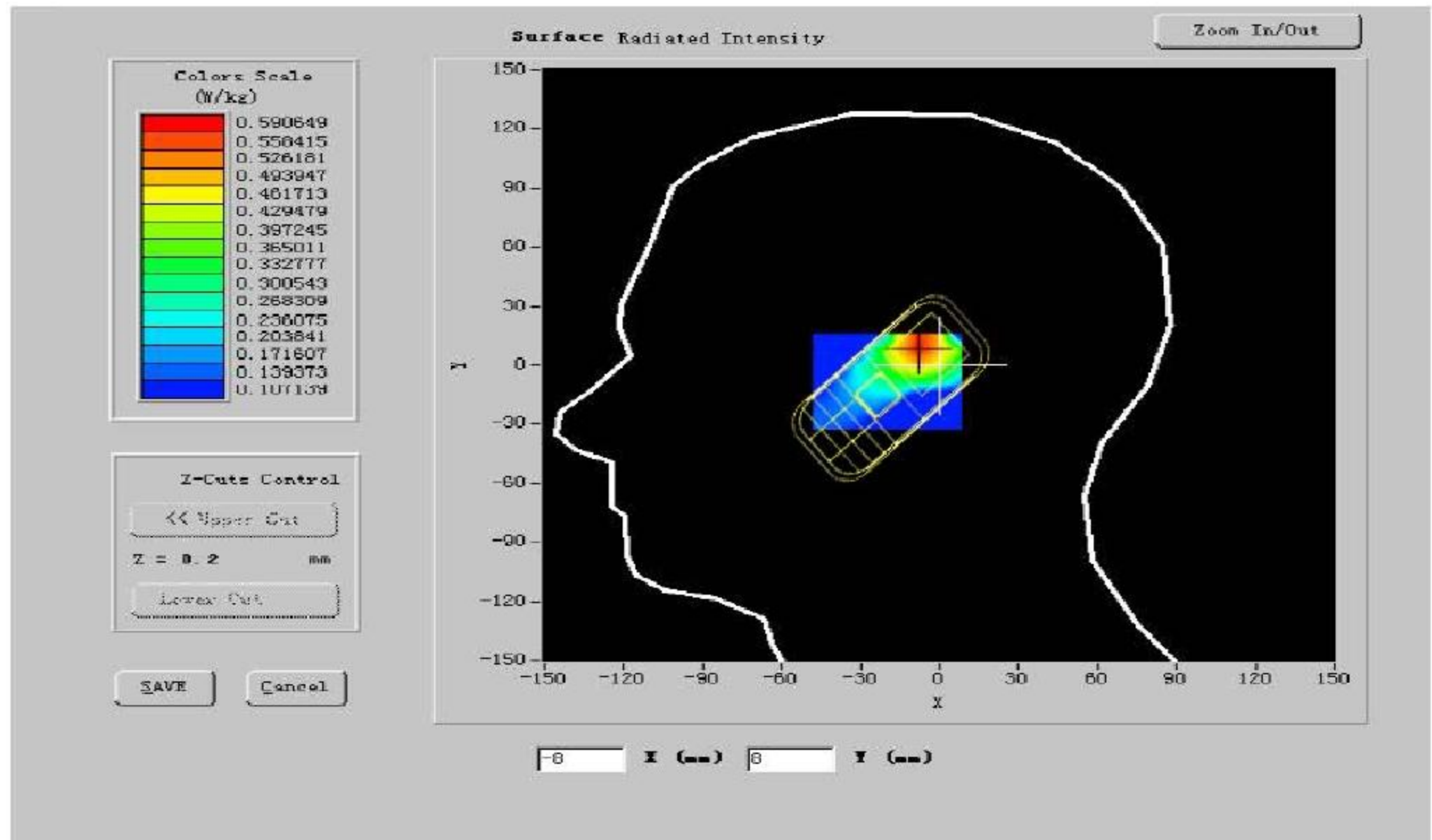
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
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

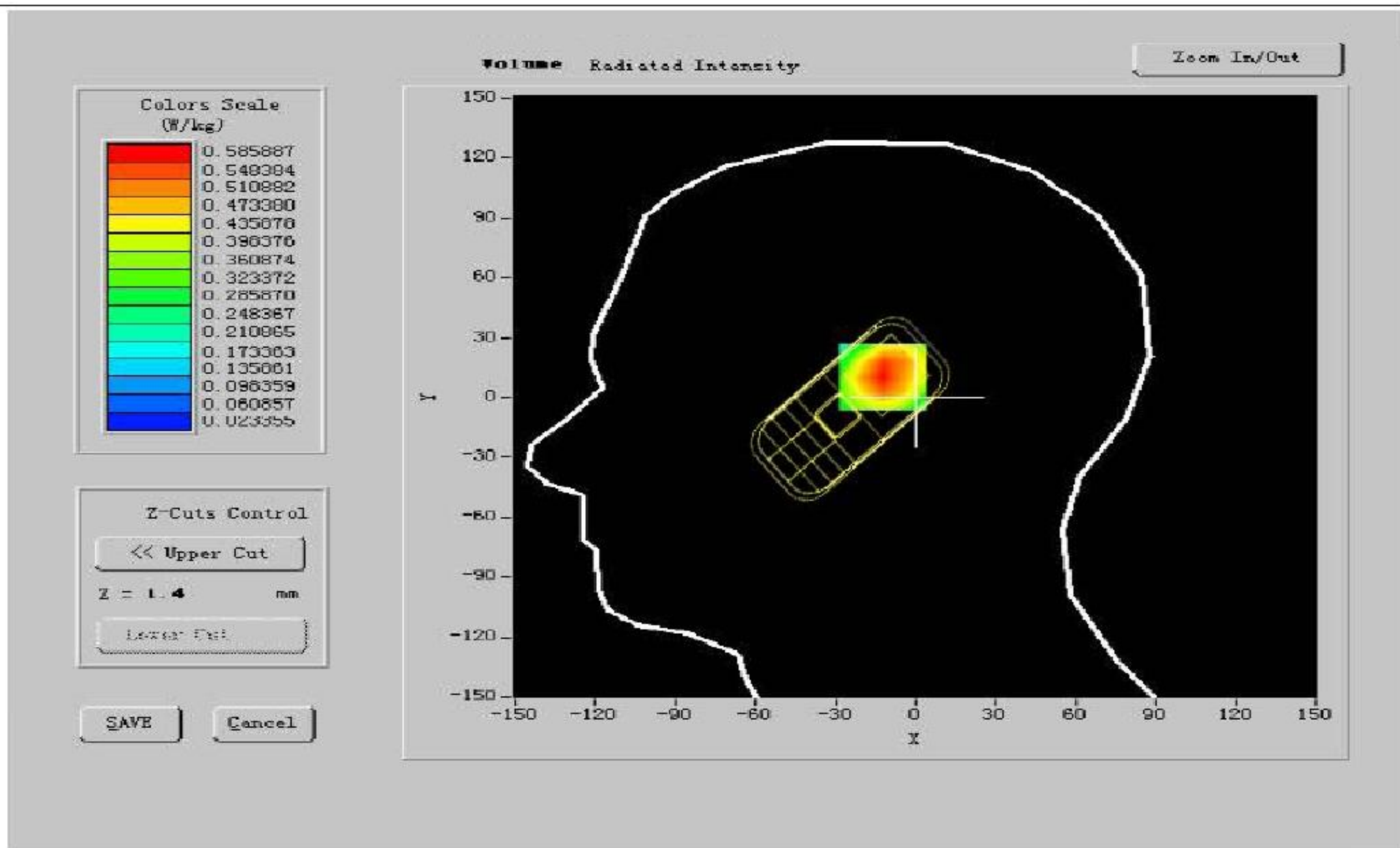
Frequency (MHz)	1909.599976
Relative permittivity (real part)	40.205999
Relative permittivity (imaginary part)	13.669900
Conductivity (S/m)	1.400224
Variation (%)	-1.500000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





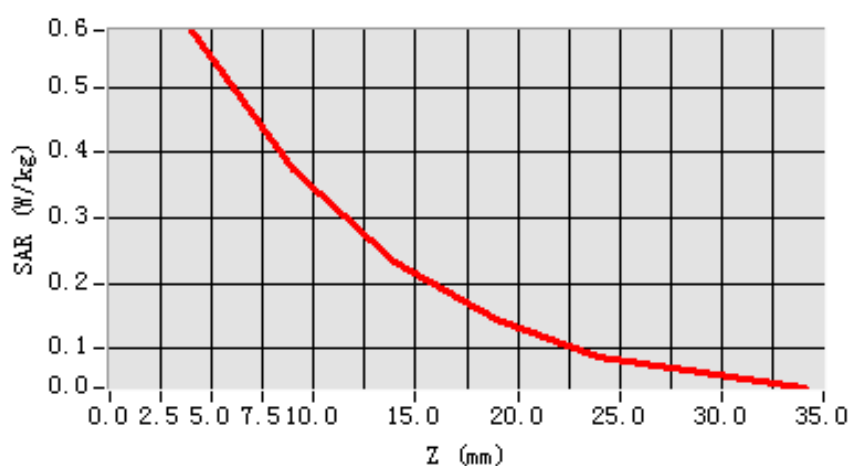
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.316982
SAR 1g (W/Kg)	0.535985

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.5359	0.3622	0.2064	0.1324	0.0864	0.0432

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



**MEASUREMENT 7****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

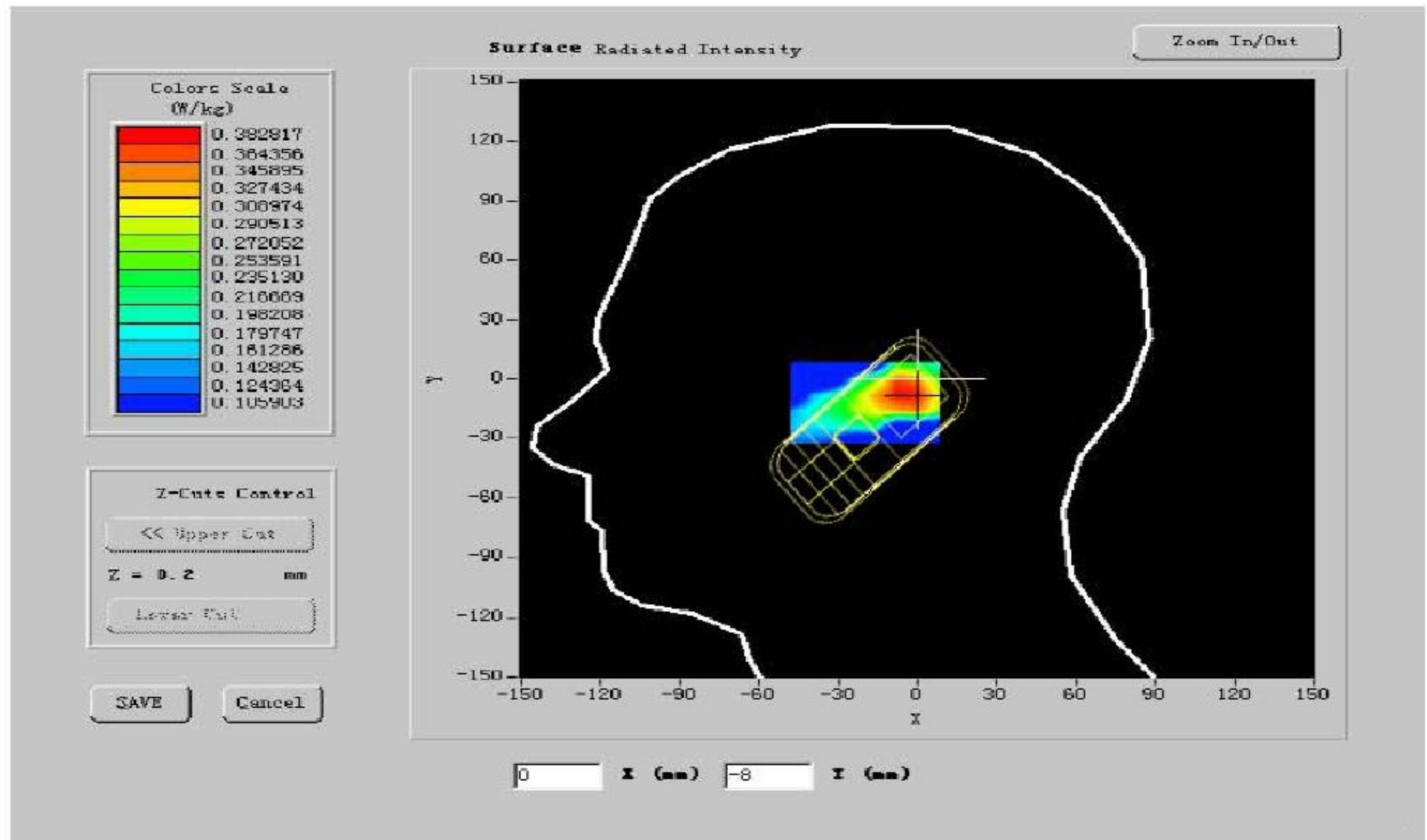
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
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

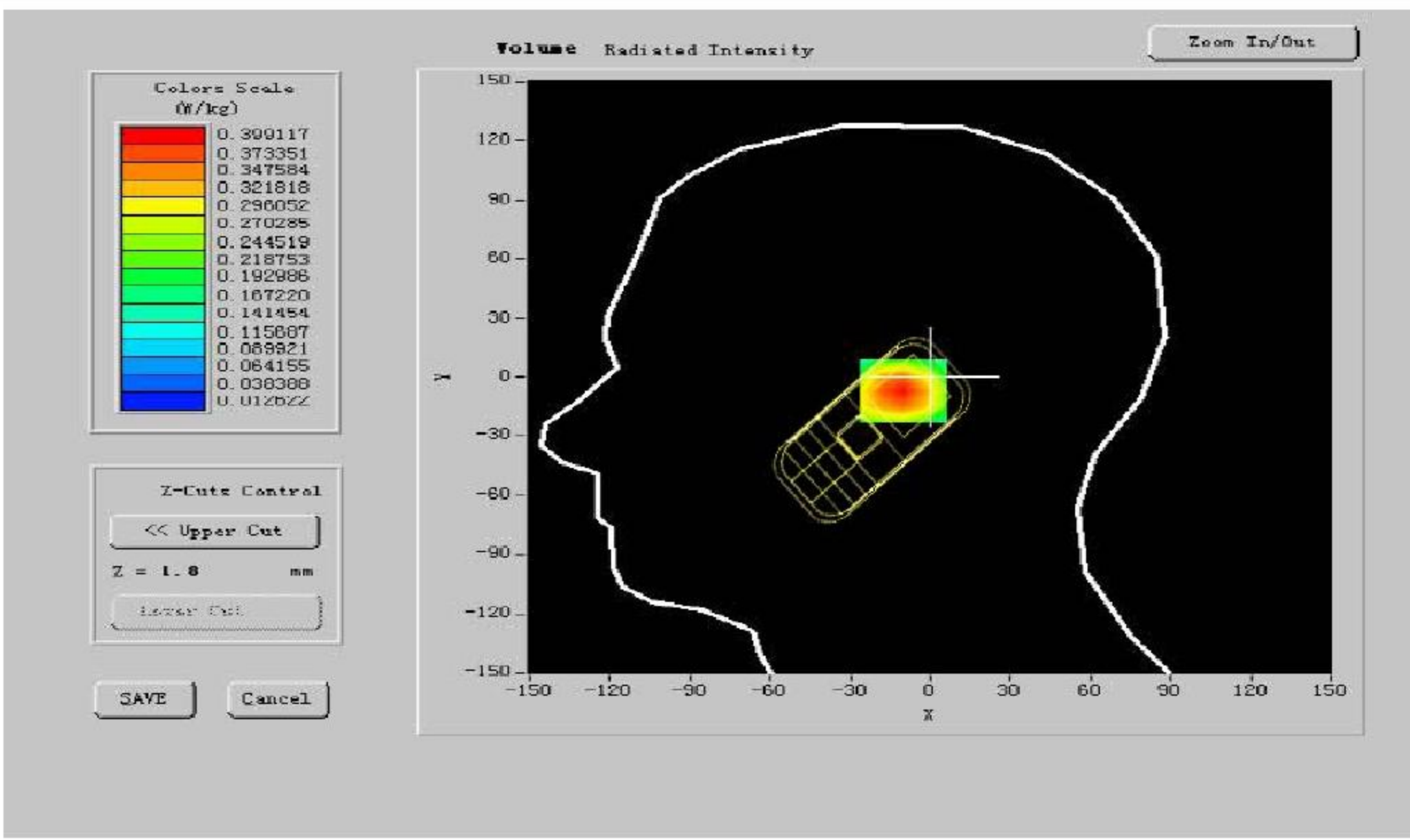
Frequency (MHz)	1850.400024
Relative permittivity (real part)	40.313000
Relative permittivity (imaginary part)	13.584900
Conductivity (S/m)	1.416528
Variation (%)	0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





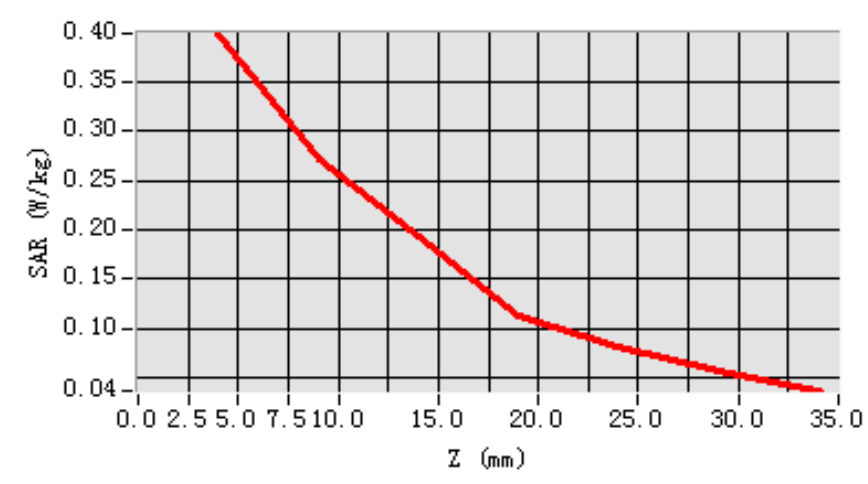
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.229650
SAR 1g (W/Kg)	0.361058

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.3610	0.2622	0.1764	0.1524	0.0764	0.0476

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



**MEASUREMENT 8****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

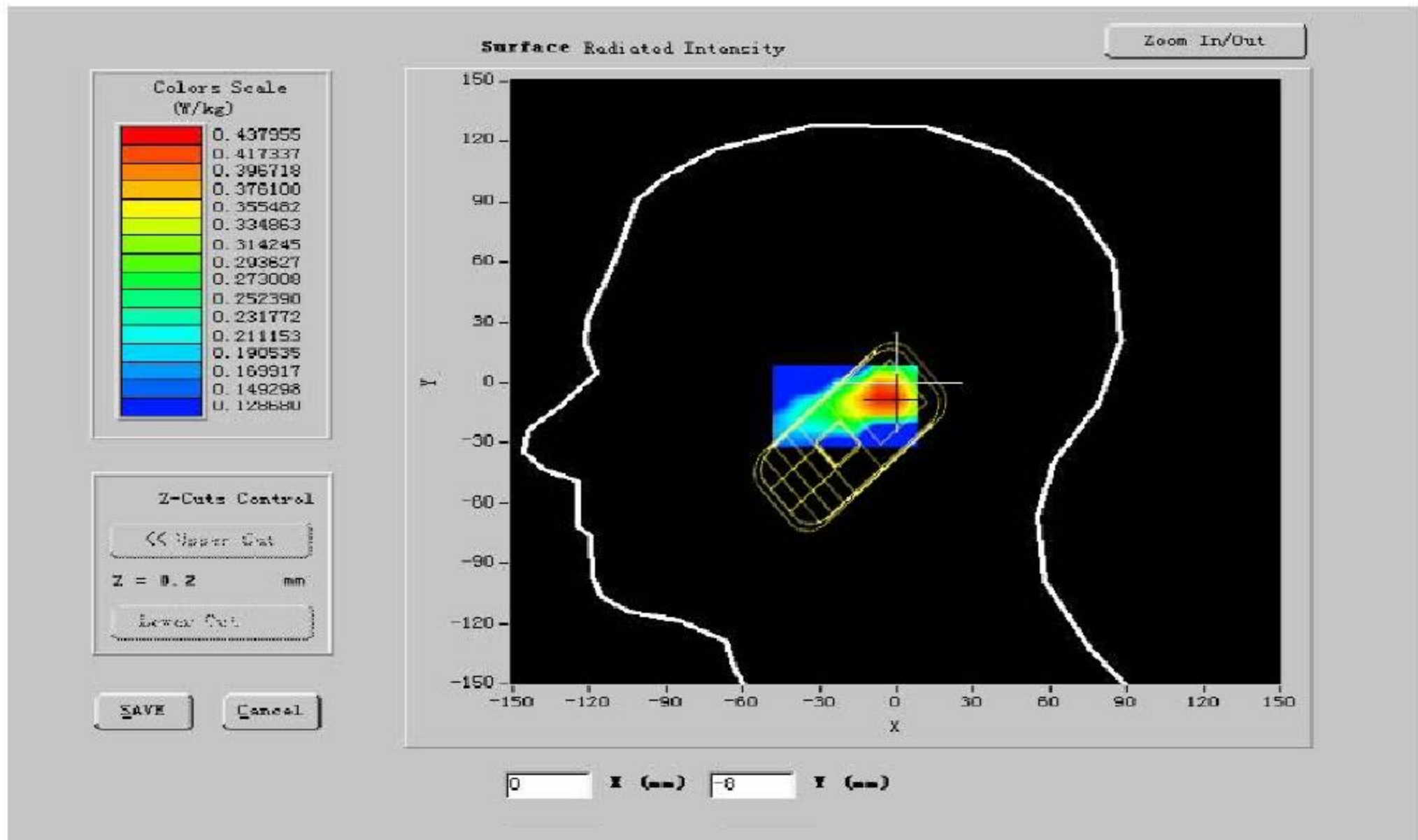
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

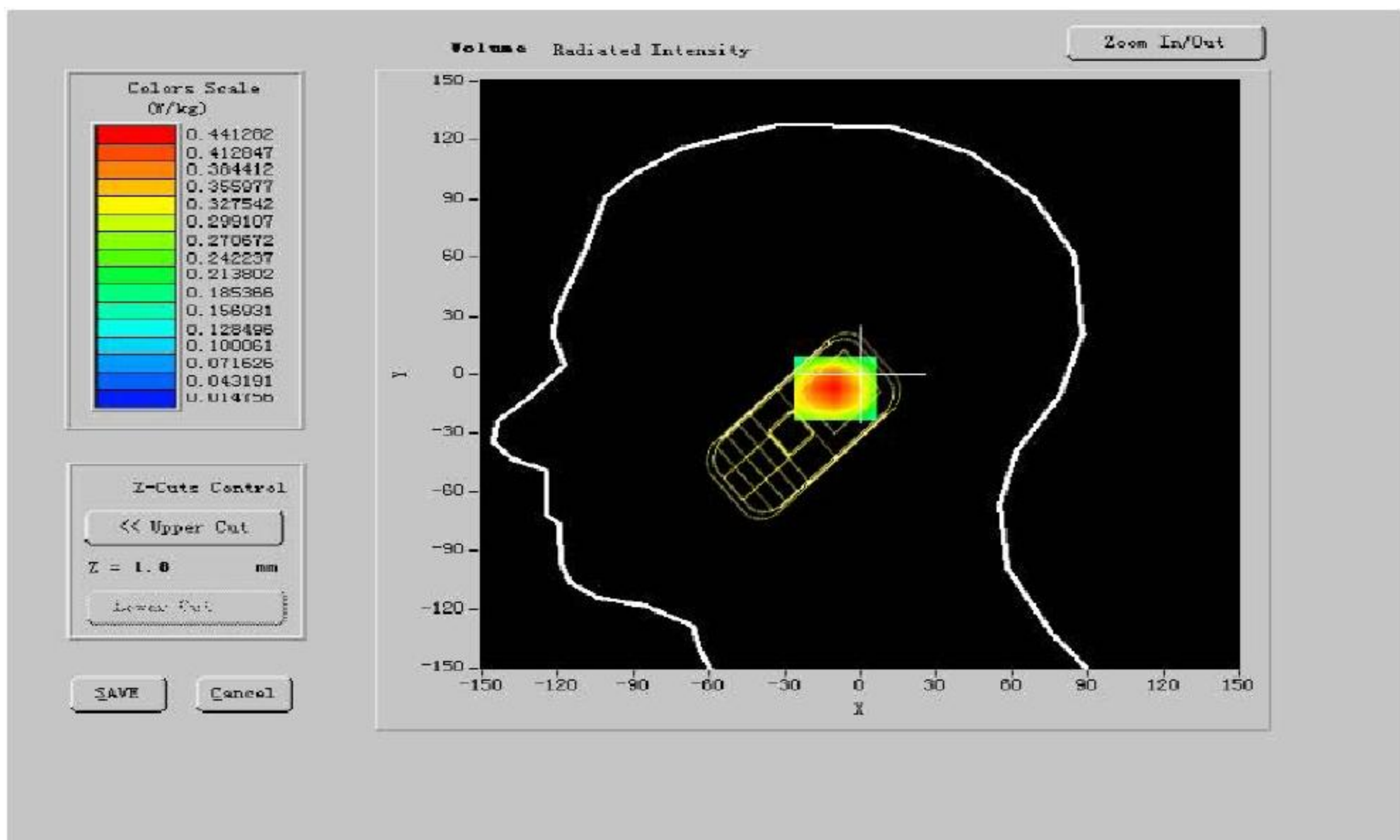
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.193001
Relative permittivity (imaginary part)	13.813800
Conductivity (S/m)	1.412324
Variation (%)	1.300000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





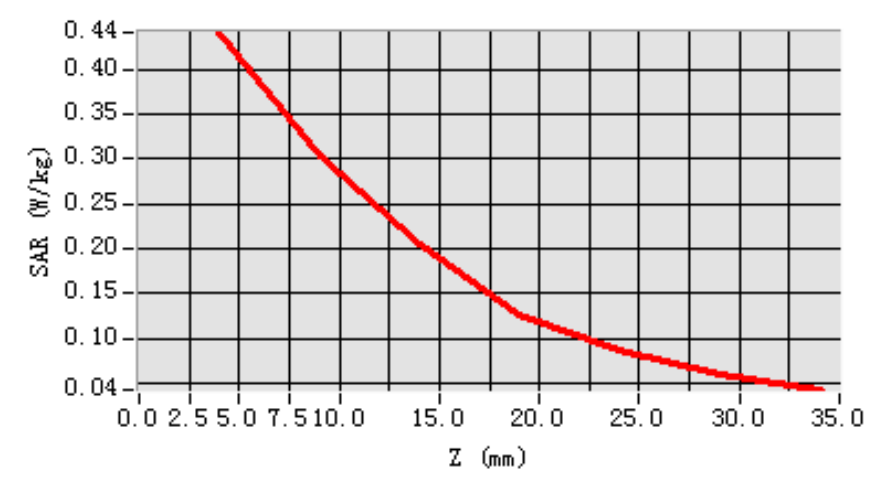
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.262184
SAR 1g (W/Kg)	0.423335

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4233	0.2622	0.1764	0.1324	0.0664	0.0444

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



**MEASUREMENT 9****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

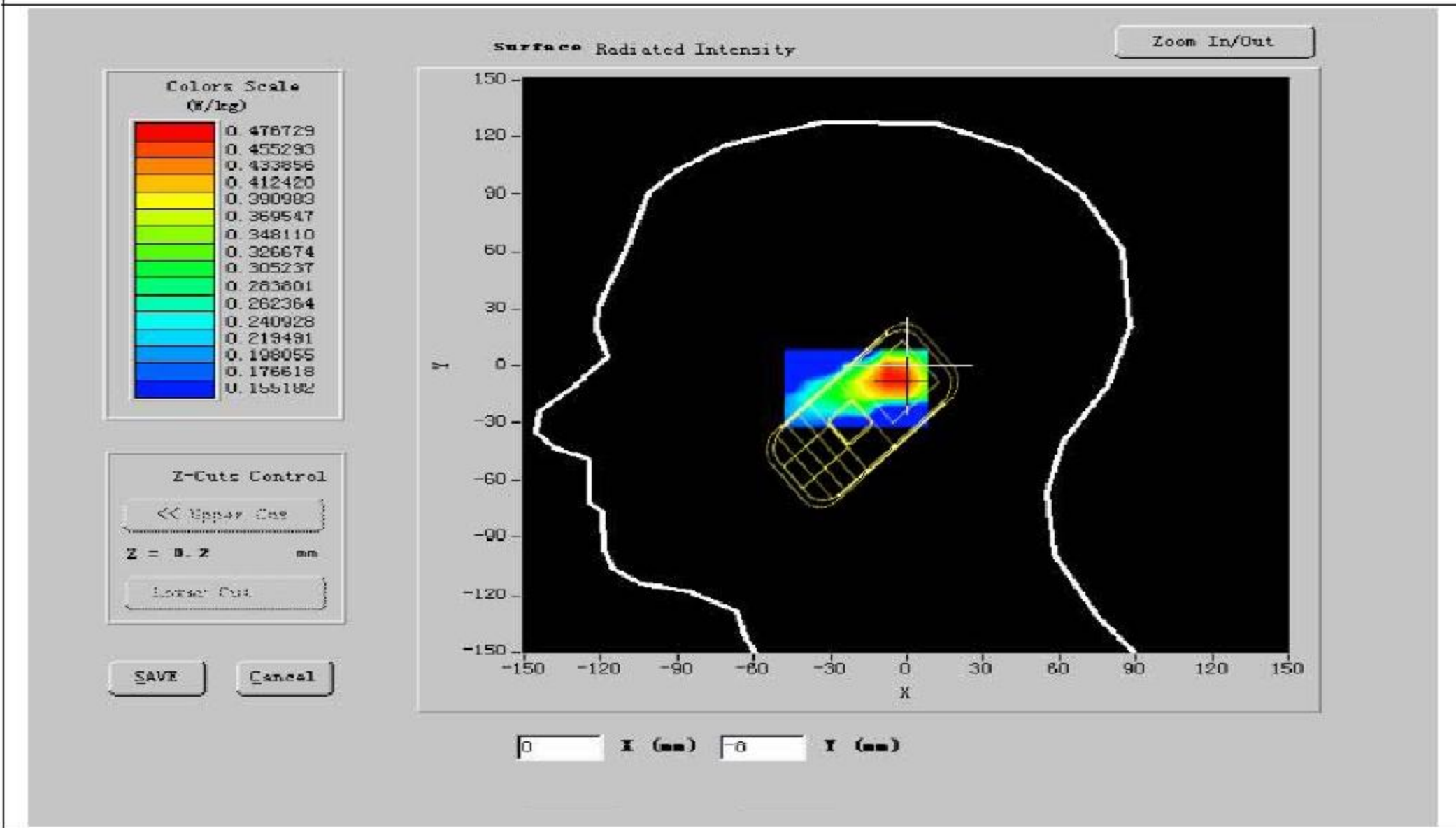
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
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

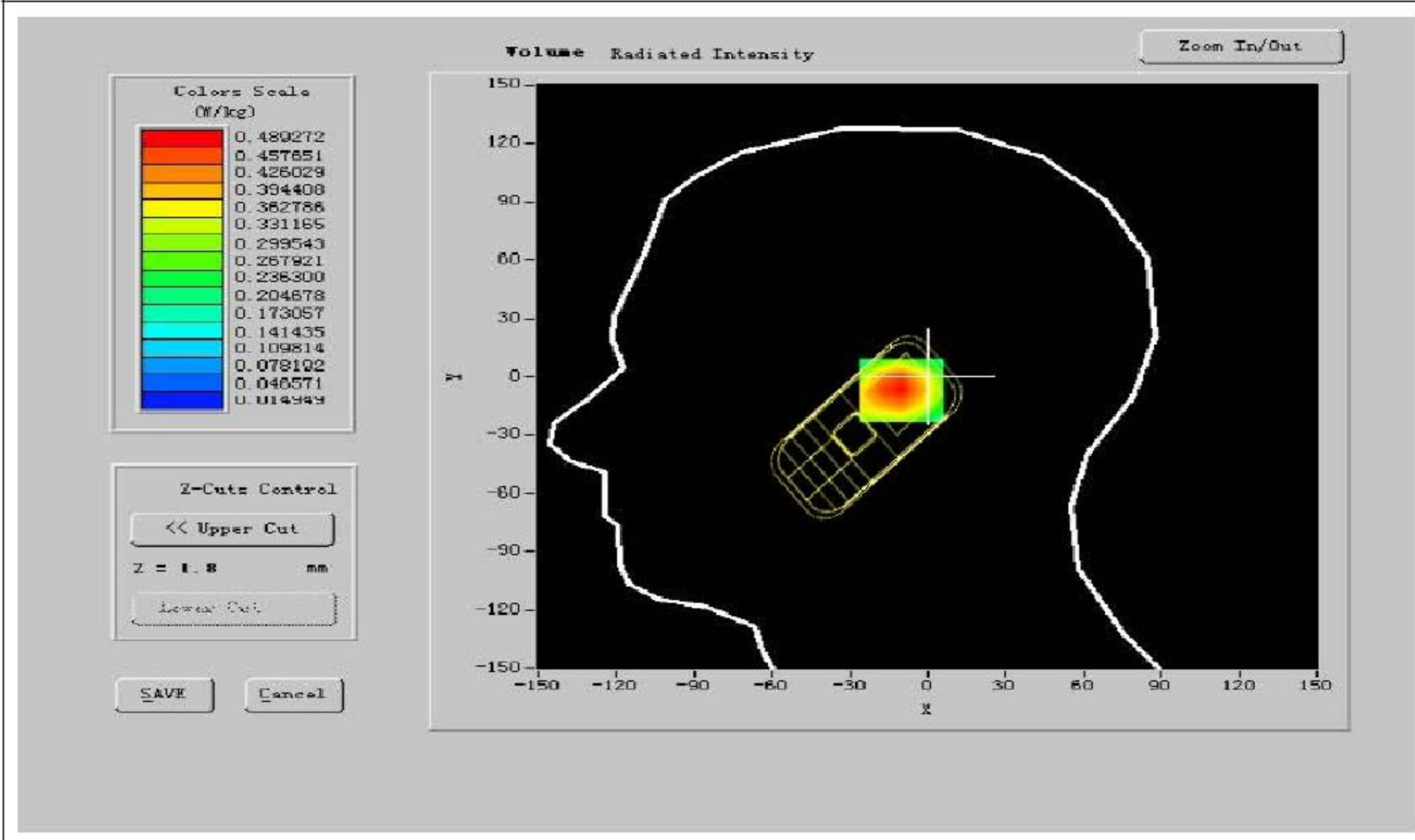
Frequency (MHz)	1909.599976
Relative permittivity (real part)	40.285999
Relative permittivity (imaginary part)	13.669900
Conductivity (S/m)	1.410242
Variation (%)	0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





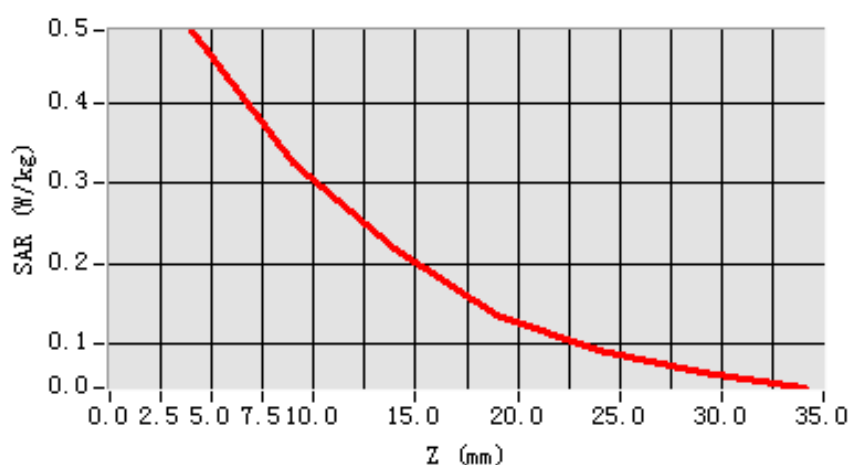
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.291874
SAR 1g (W/Kg)	0.449005

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4490	0.3222	0.2164	0.1824	0.0864	0.0354

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



**MEASUREMENT 10****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

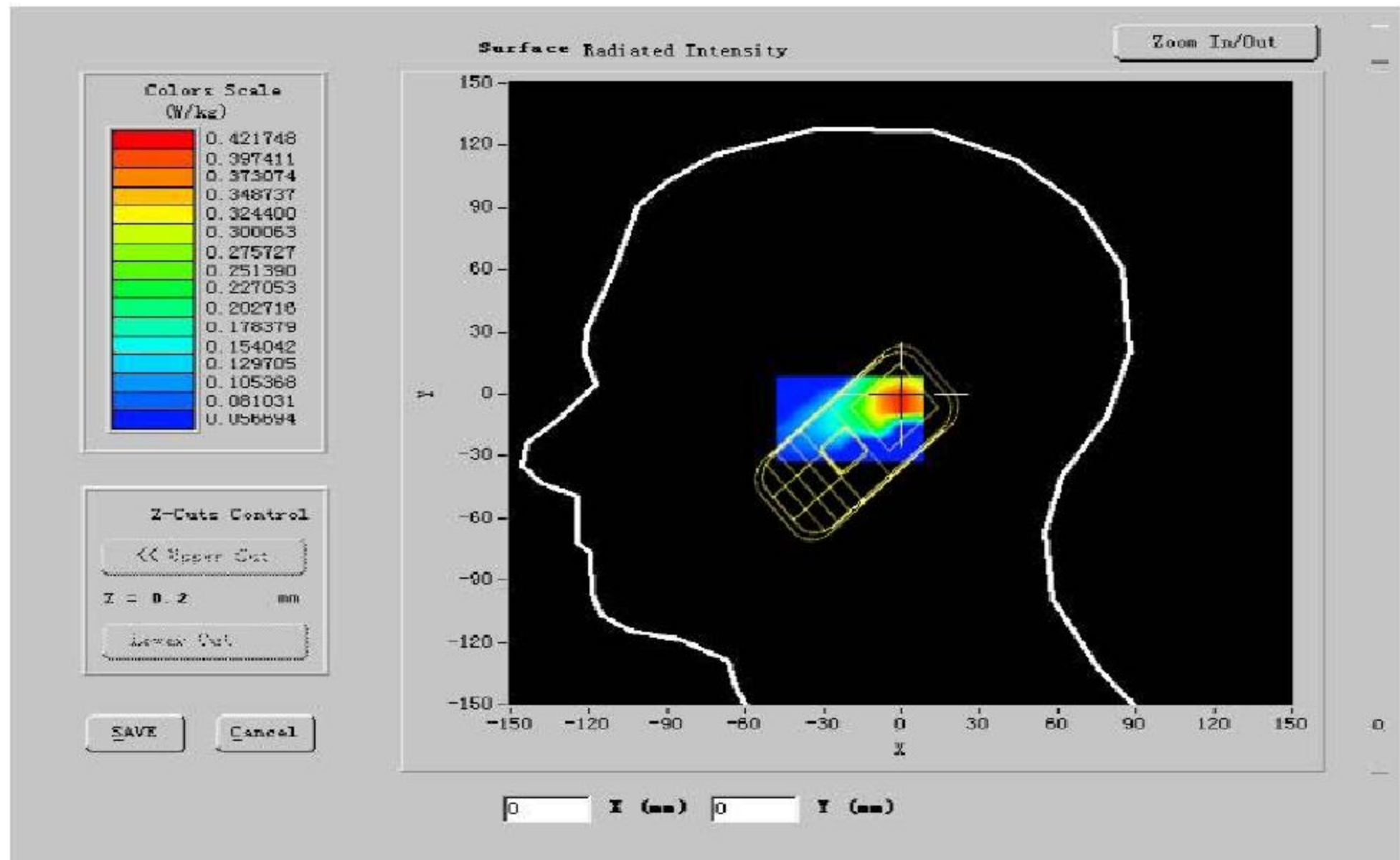
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
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

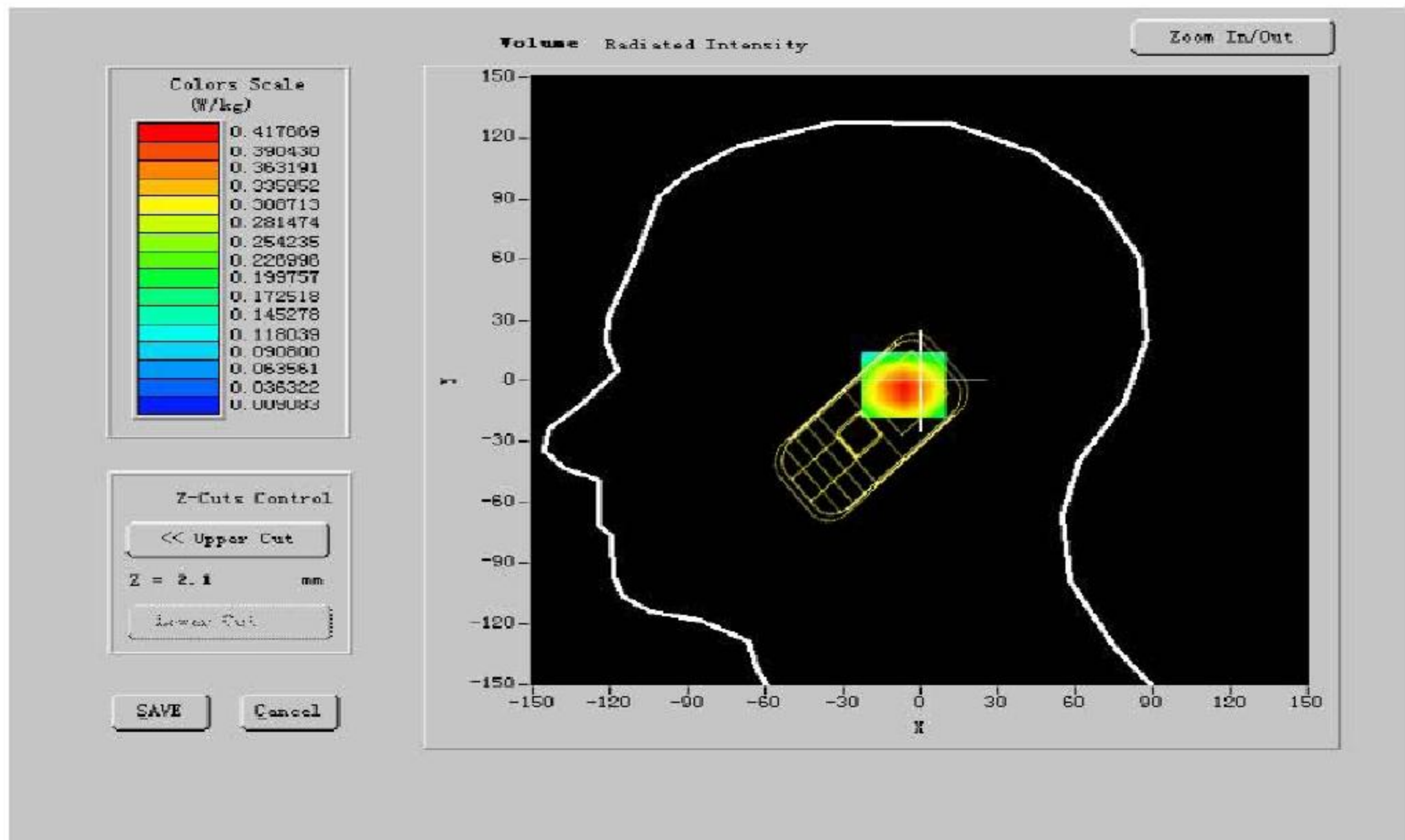
Frequency (MHz)	1850.400024
Relative permittivity (real part)	40.313134
Relative permittivity (imaginary part)	13.584900
Conductivity (S/m)	1.416243
Variation (%)	-0.700000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





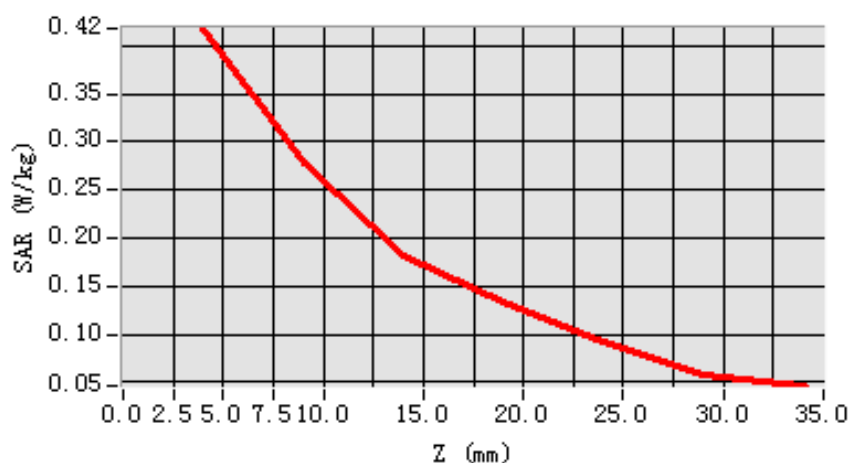
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.256978
SAR 1g (W/Kg)	0.403289

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4032	0.3224	0.2134	0.1864	0.0864	0.0554

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



**MEASUREMENT 11****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

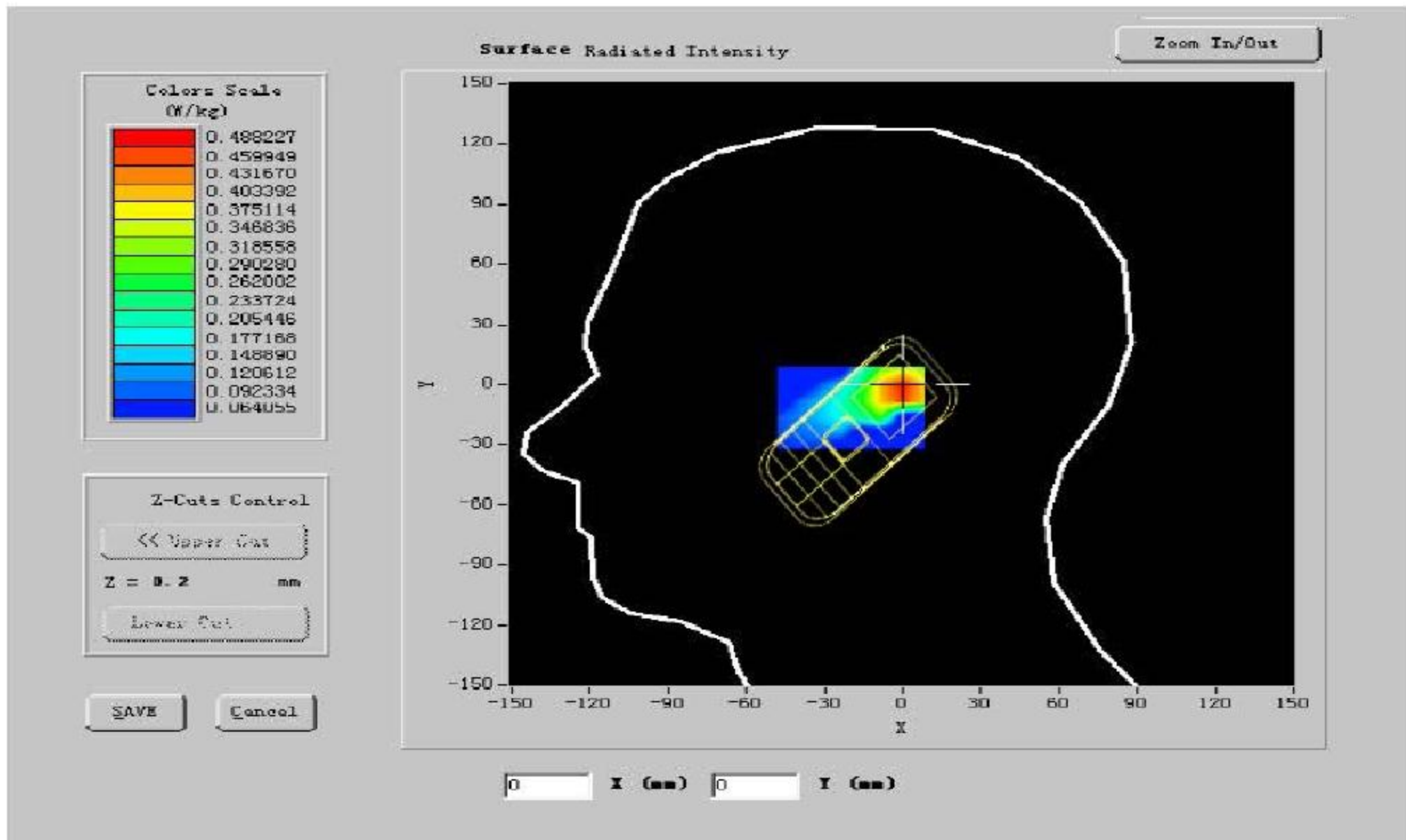
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

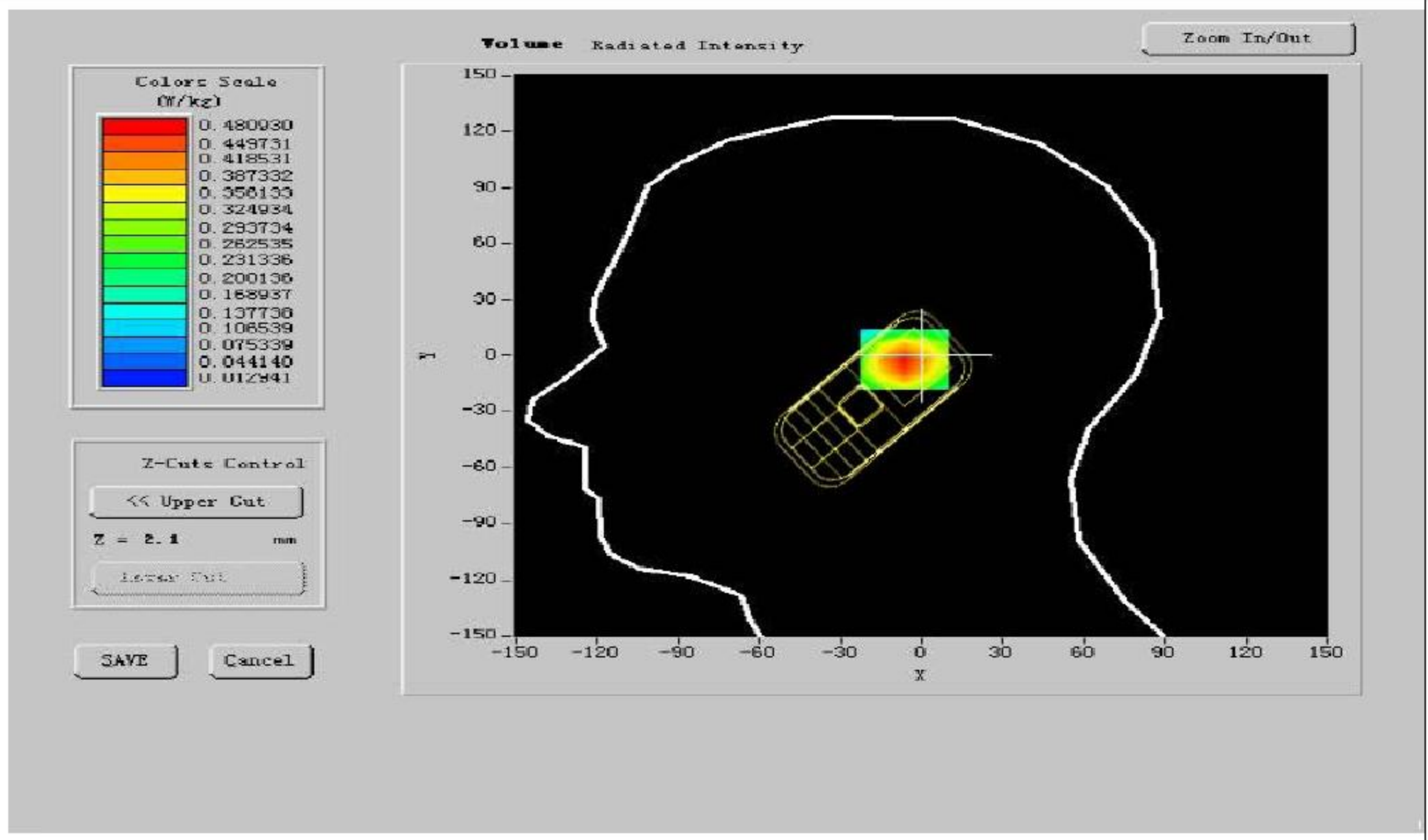
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.193001
Relative permittivity (imaginary part)	13.813800
Conductivity (S/m)	1.413245
Variation (%)	-1.100000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





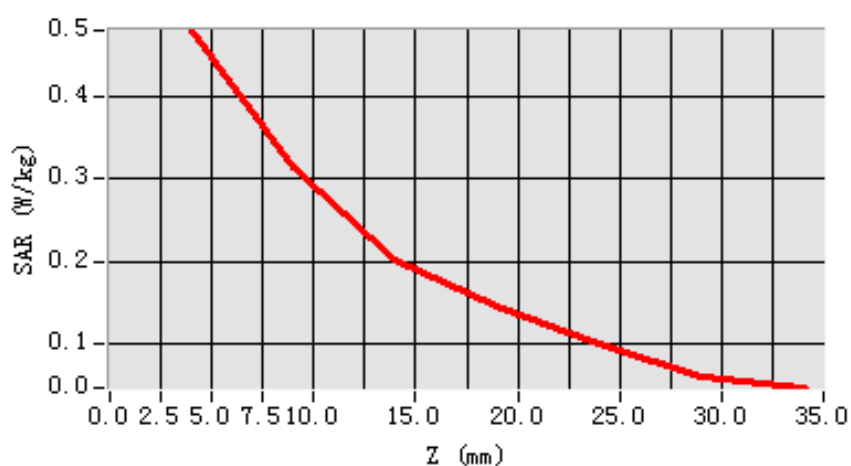
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.256123
SAR 1g (W/Kg)	0.446892

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4468	0.3024	0.1934	0.1564	0.0864	0.0084

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



**MEASUREMENT 12****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

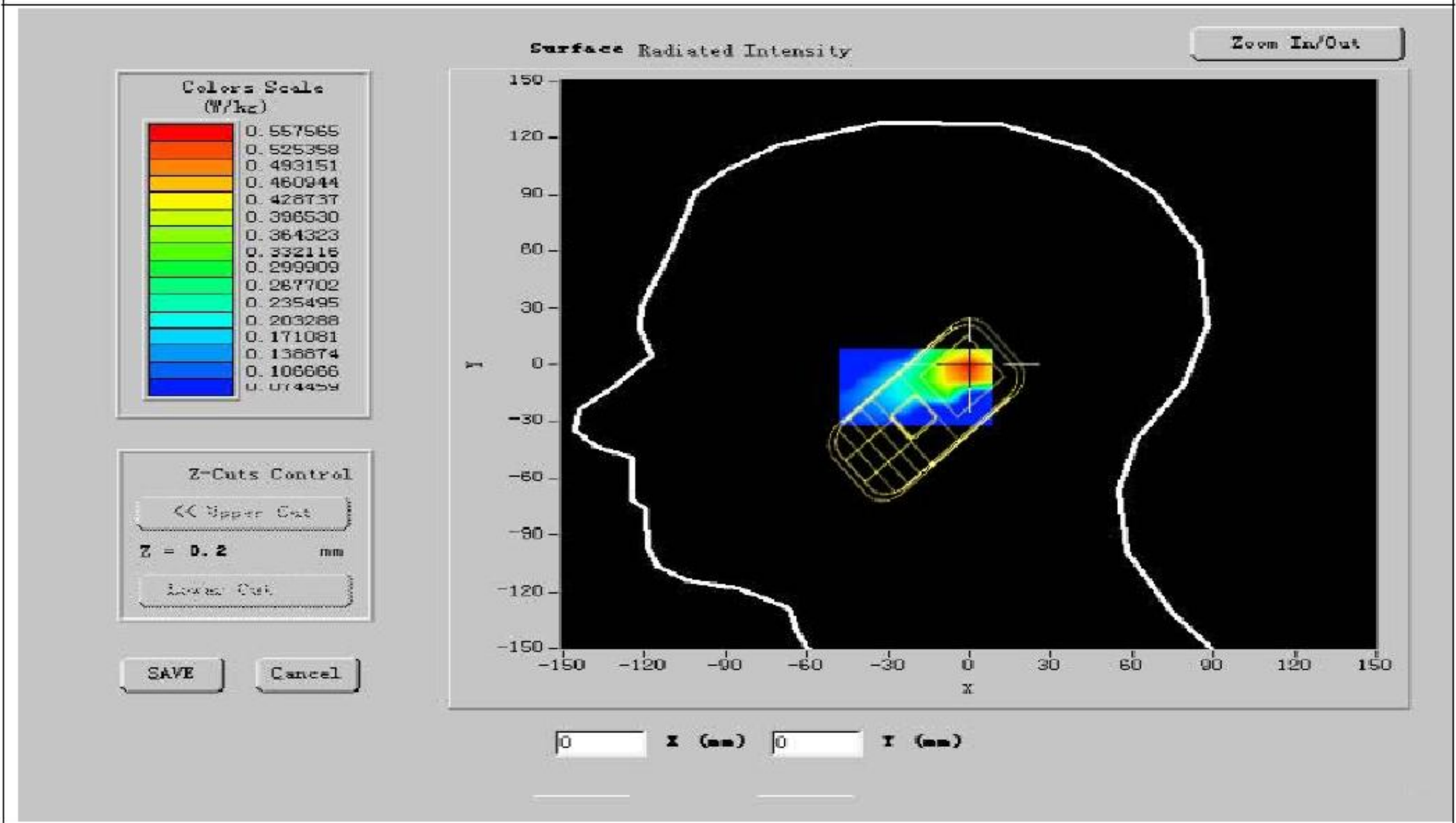
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
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

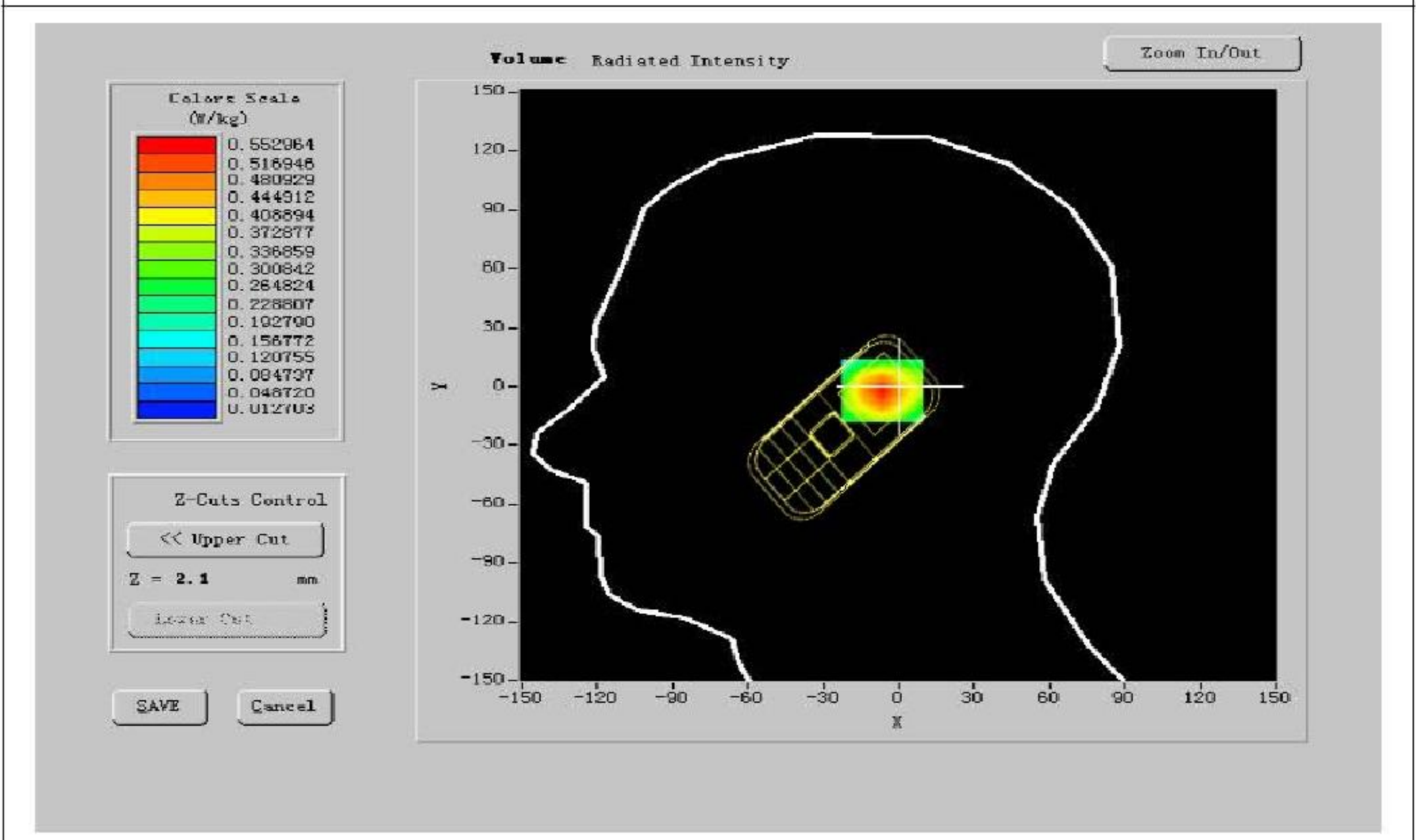
Frequency (MHz)	1909.599976
Relative permittivity (real part)	40.285999
Relative permittivity (imaginary part)	13.669900
Conductivity (S/m)	1.420225
Variation (%)	-1.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.91, 43.15, 56.44
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





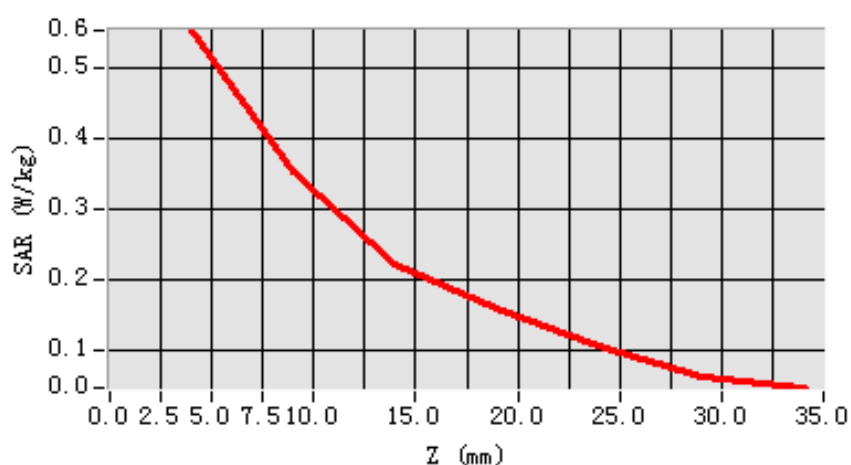
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.365651
SAR 1g (W/Kg)	0.487752

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4877	0.3377	0.1934	0.1464	0.1264	0.0089

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



**MEASUREMENT 13****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

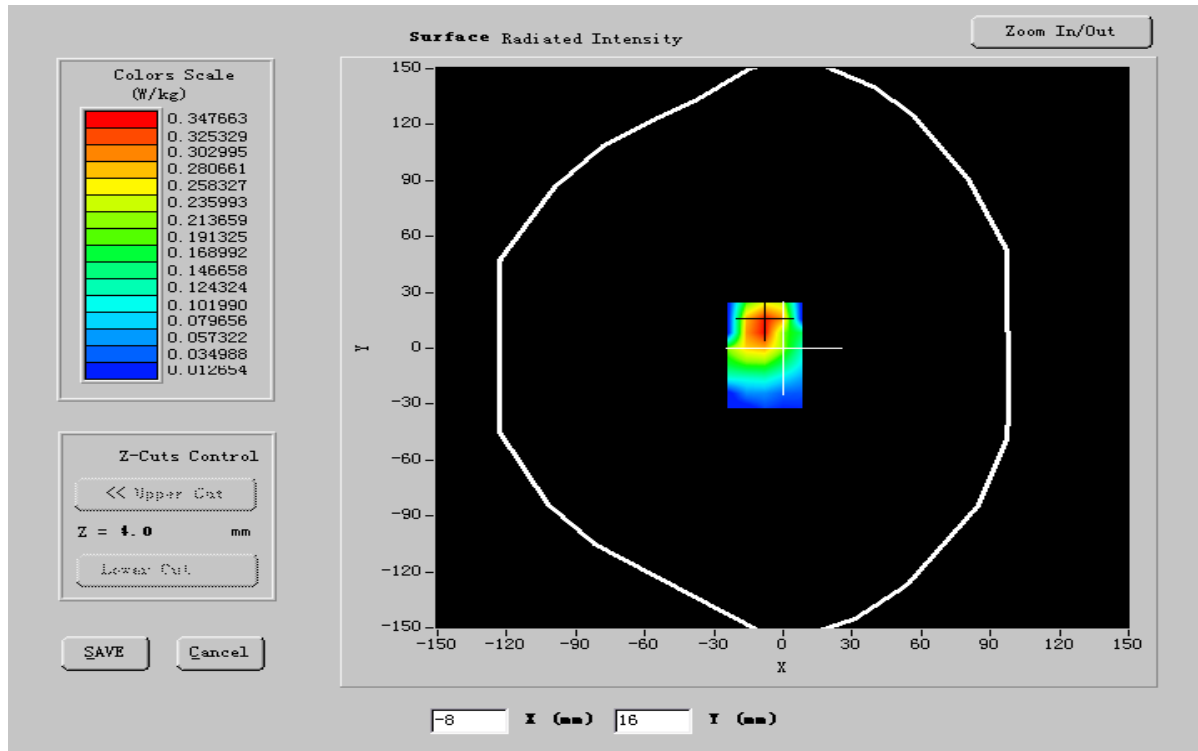
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
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

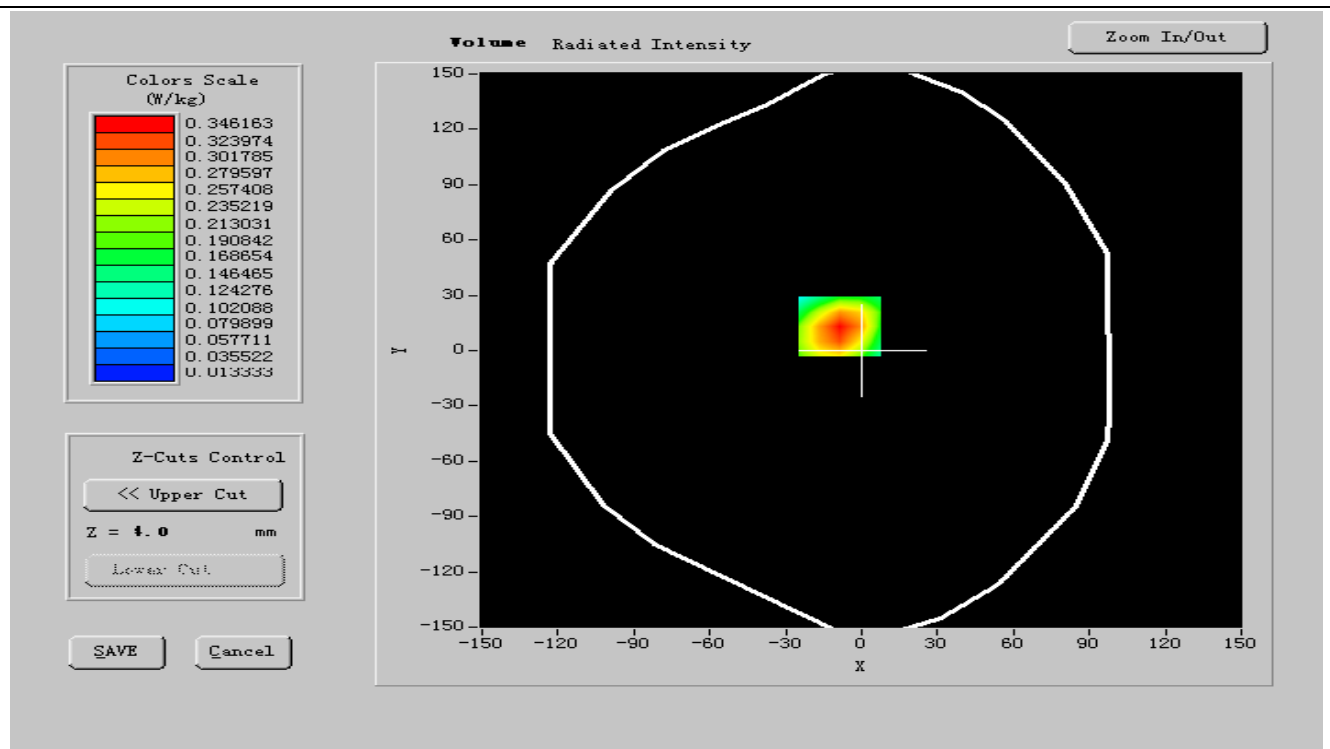
Frequency (MHz)	1850.400024
Relative permittivity (real part)	52.313000
Relative permittivity (imaginary part)	13.584900
Conductivity (S/m)	1.416522
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





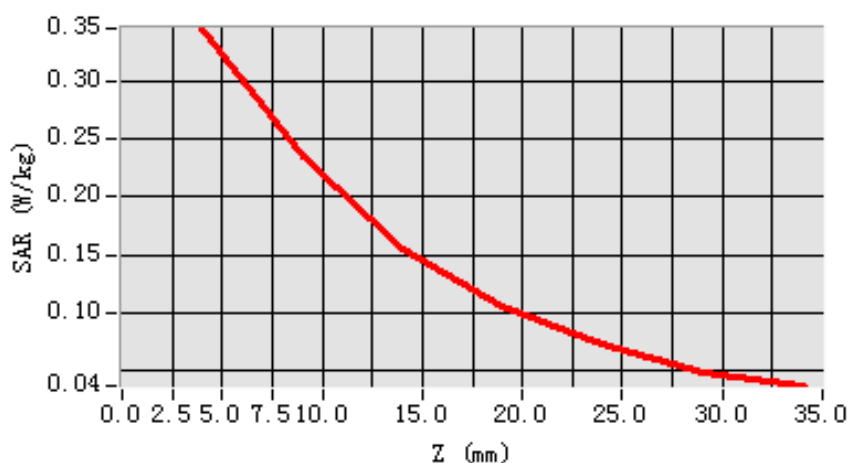
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.200652
SAR 1g (W/Kg)	0.313356

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.3133	0.2873	0.1934	0.1464	0.1264	0.0089

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



**MEASUREMENT 14****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

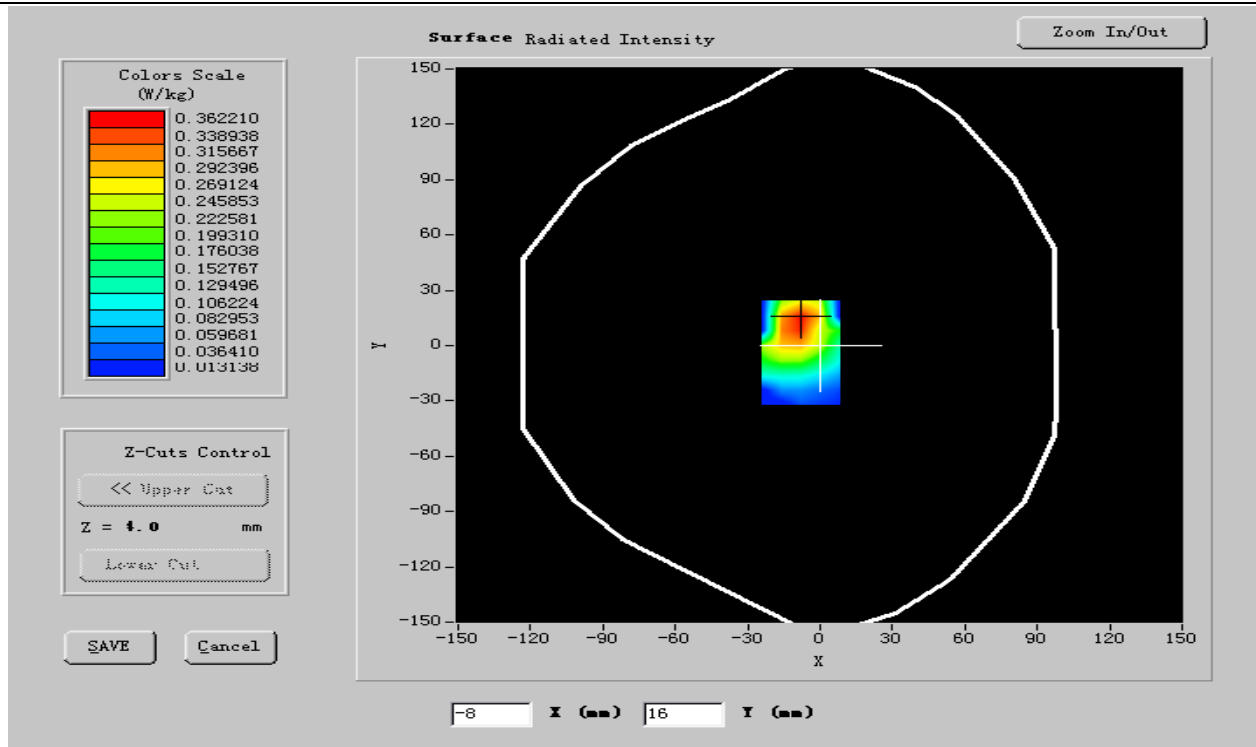
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
Phantom	Antennessa (SN:SN41_05_SAM29)	Calibrated: N/A
Liquid	Antennessa	Calibrated: N/A
Measurement SW	OPEN SAR V2.1	Calibrated: N/A

C. SAR Measurement Results

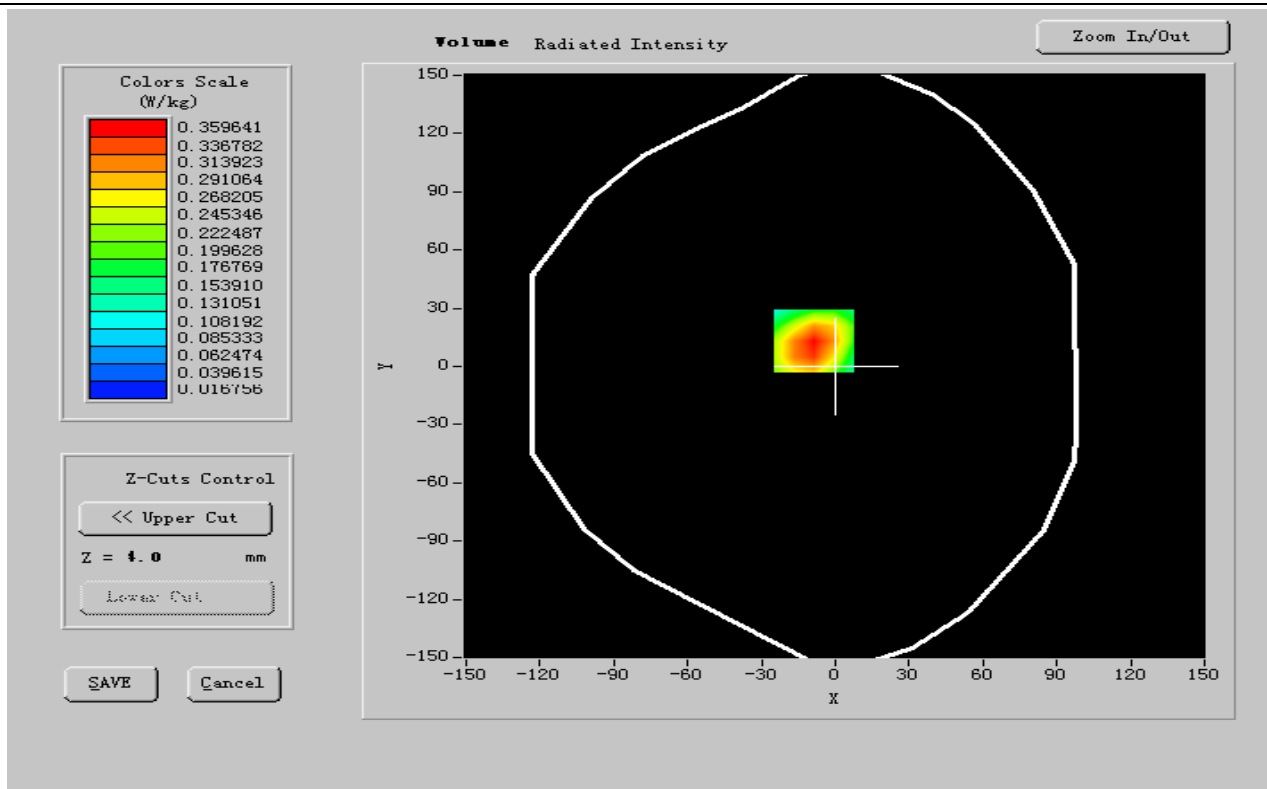
Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.893001
Relative permittivity (imaginary part)	13.813800
Conductivity (S/m)	1.512775
Variation (%)	-0.700000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





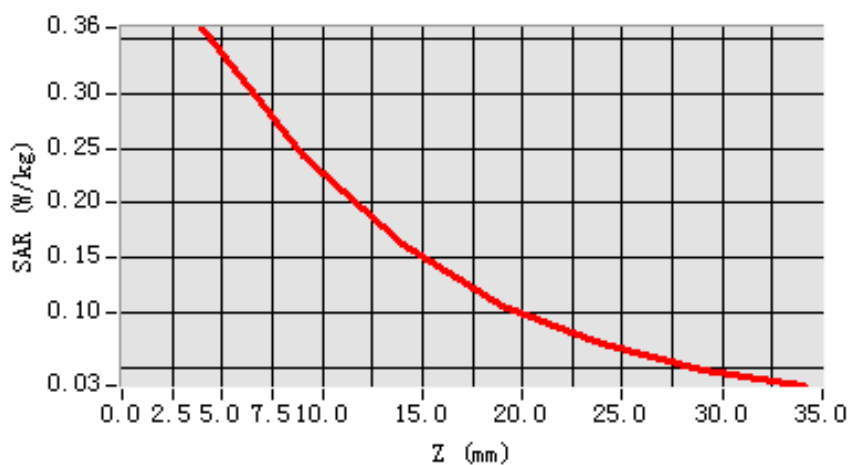
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.203691
SAR 1g (W/Kg)	0.315239

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.3152	0.2832	0.1923	0.1423	0.0932	0.0309

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



**MEASUREMENT 15****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

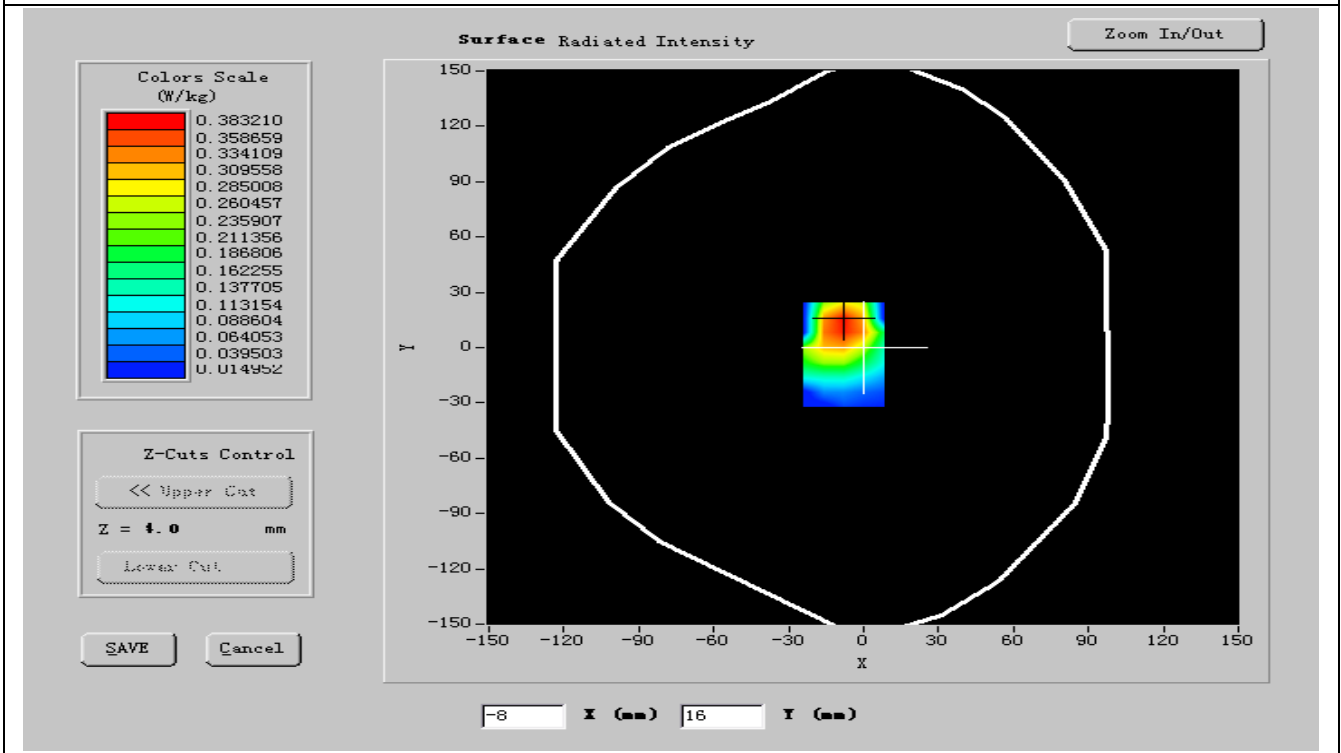
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
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

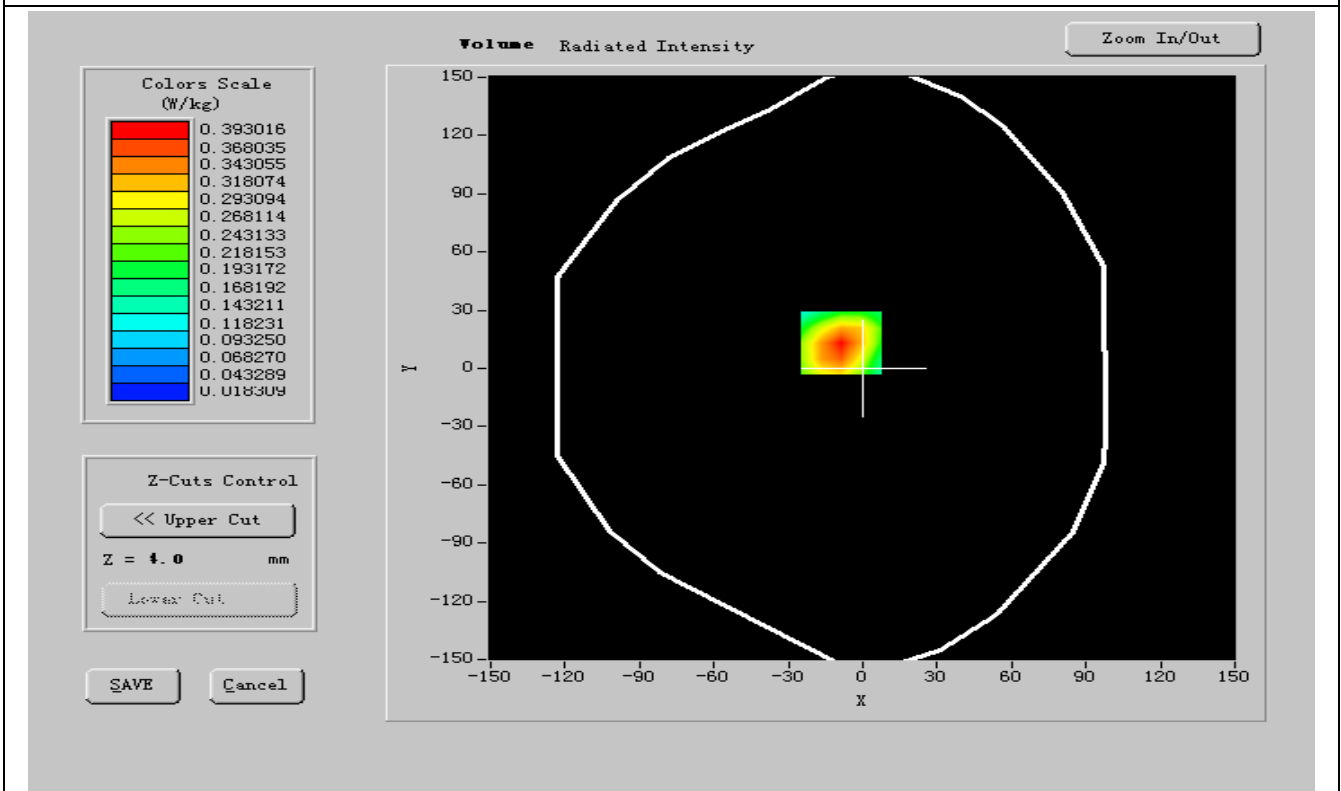
Frequency (MHz)	1909.599976
Relative permittivity (real part)	52.885999
Relative permittivity (imaginary part)	13.669900
Conductivity (S/m)	1.510225
Variation (%)	-0.600000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65
Crest factor:	1:8



SURFACE SAR



VOLUME SAR





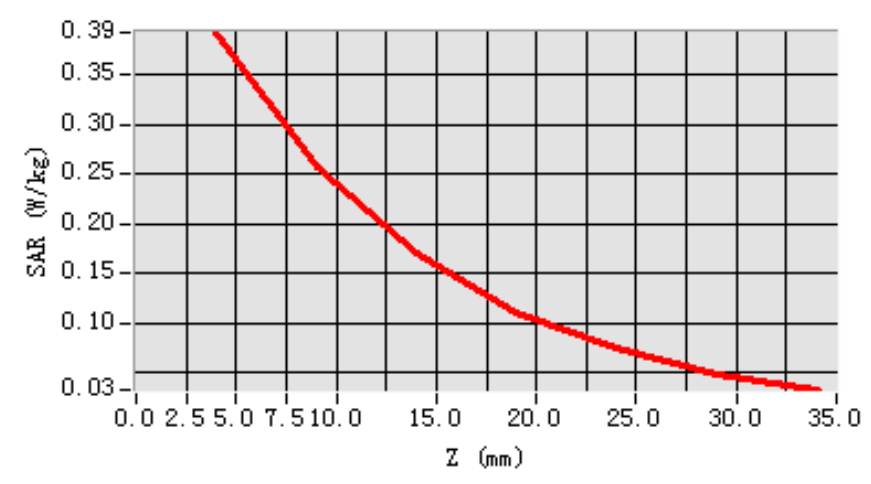
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.245223
SAR 1g (W/Kg)	0.357196

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.3571	0.2832	0.1823	0.1423	0.0923	0.0322

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



**MEASUREMENT 16****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

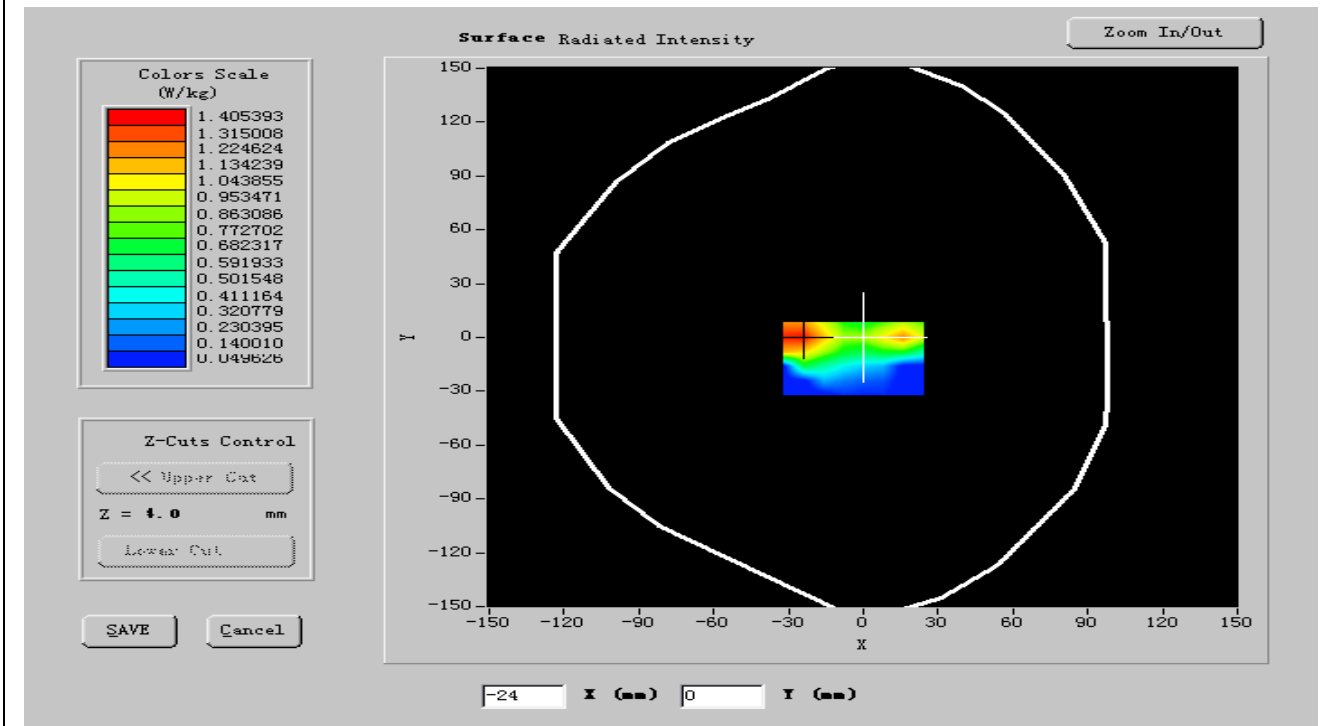
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIP136, SN 48/05)	Calibrated: 12/10/2010
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

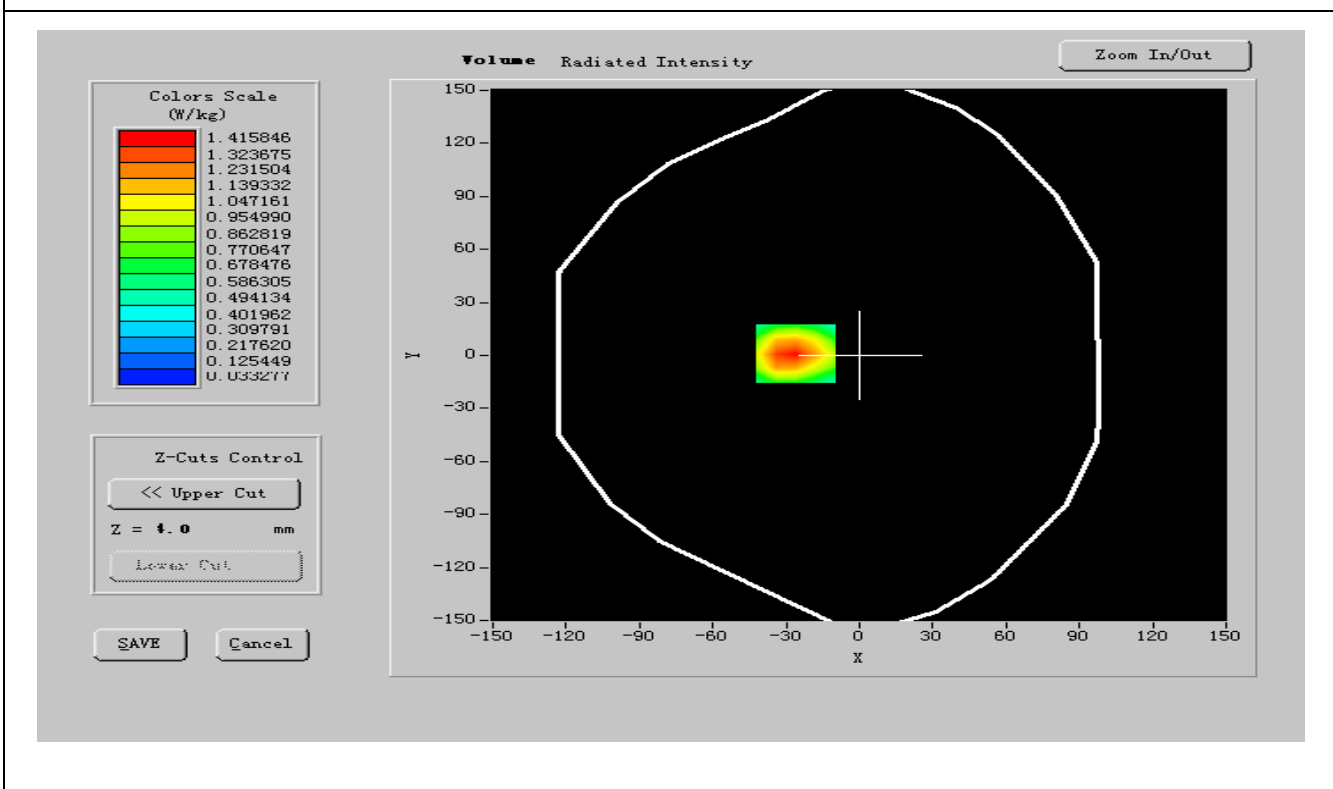
Frequency (MHz)	1710.199951
Relative permittivity (real part)	52.347400
Relative permittivity (imaginary part)	14.450693
Conductivity (S/m)	1.533698
Variation (%)	-0.400000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65
Crest factor:	1:4



SURFACE SAR



VOLUME SAR





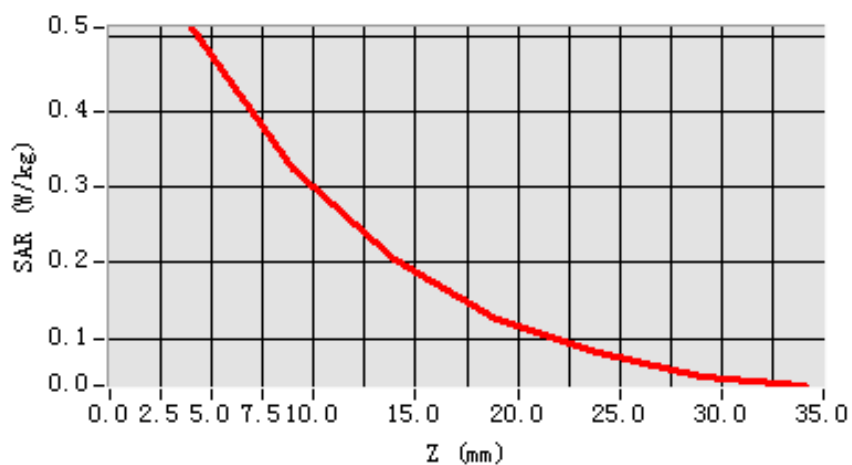
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.219562
SAR 1g (W/Kg)	0.418852

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4188	0.2834	0.1920	0.1523	0.0854	0.0072

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



**MEASUREMENT 17****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

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

B. Instrumentations.

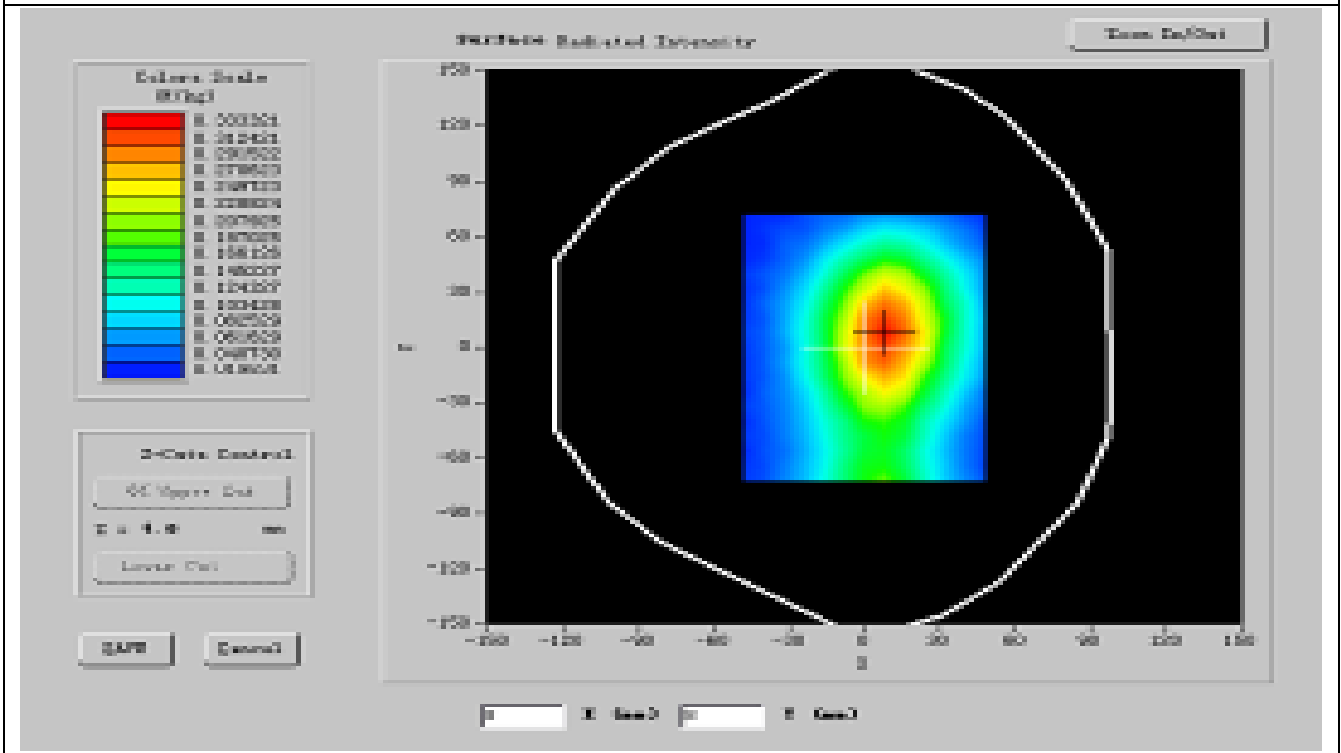
PC	HP (Pentium(R) V3.06GHz, SN:375052-AA1)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
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

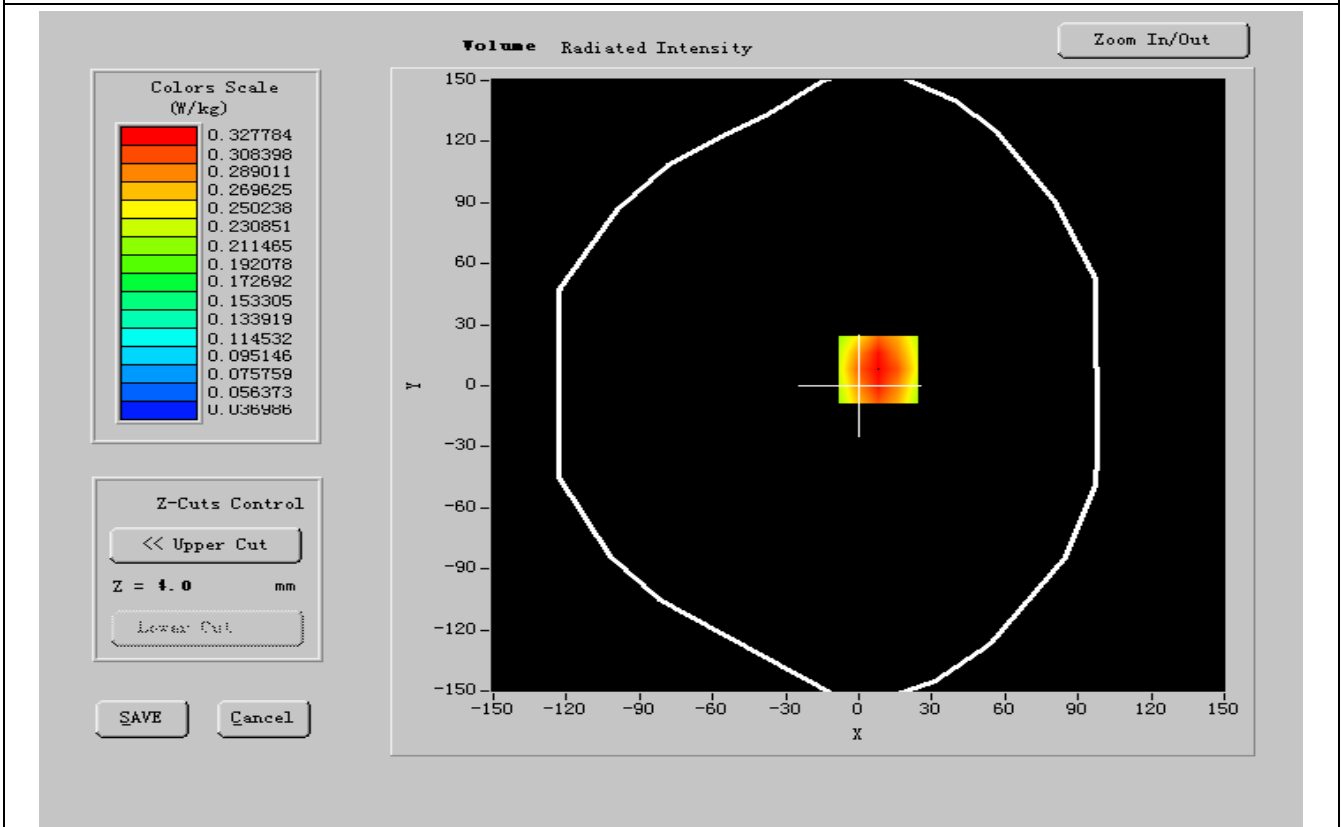
Frequency (MHz)	1747.400004
Relative permittivity (real part)	51.417028
Relative permittivity (imaginary part)	14.293556
Conductivity (S/m)	1.514286
Variation (%)	-1.010000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65
Crest factor:	1:4



SURFACE SAR



VOLUME SAR





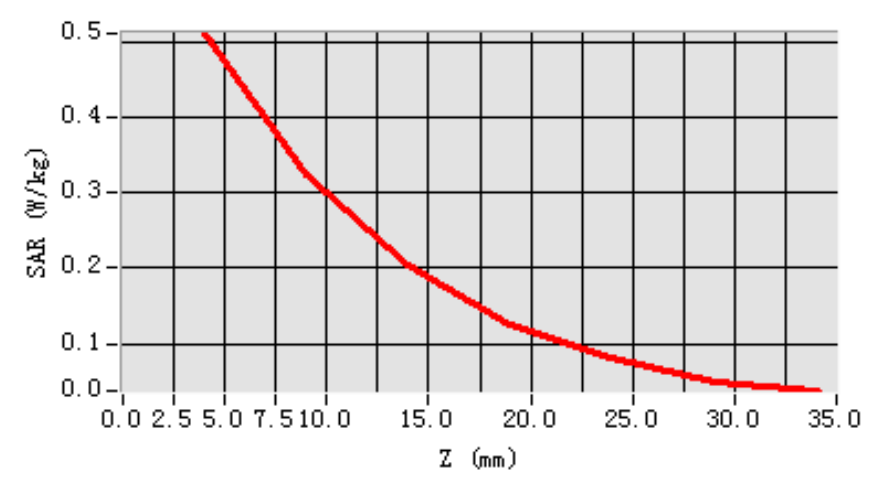
Maximum location: X=-13.00, Y=-3.00

SAR 10g (W/Kg)	0.215362
SAR 1g (W/Kg)	0.424258

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4242	0.3034	0.1820	0.1323	0.0954	0.0062

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



**MEASUREMENT 18****Date of measurement: 30/8/2010****Area Scan: 7 x 7 x 1****dx=15mm****dy=15mm****Zoom Scan: 5 x 5 x 7****dx=5mm****dy=5mm****dz=5mm****Z Axis Scan: 1 x 1 x 21****dx=20mm****dy=20mm****dz=5mm****A. Experimental conditions.**

Phantom File	zinf15.txt, Adaptive 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)	Calibrated: N/A
Wireless Communication Test Set	R&S (CMU200, SN:B23-03291)	Calibrated: 06/17/2010
Network Analyzer	Agilent(E5071B, MY42301382)	Calibrated: 08/07/2010
Voltmeter	Keithley (2000, SN:1015843)	Calibrated: 05/01/2010
Signal Generator	Agilent (E8257C, SN:MY43321570)	Calibrated: 08/07/2010
Amplifier	Mini-Circuits (ZHL-42, SN:110405)	Calibrated: 07/29/2010
Power Meter	Agilent (E4416A, SN:QB41292714)	Calibrated: 07/29/2010
Probe	Antennessa (SN:SN_1109_EP_100)	Calibrated: 05/05/2011
DIPOLE 1900	Antennessa (DIPI36, SN 48/05)	Calibrated: 12/10/2010
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)	1784.599036
Relative permittivity (real part)	51.813332
Relative permittivity (imaginary part)	14.319230
Conductivity (S/m)	1.513224
Variation (%)	-0.130000
Ambient Temperature:	21 °C
Liquid Temperature:	20 °C
ConvF:	41.01, 42.41, 55.65
Crest factor:	1:4



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

SAR 10g (W/Kg)	0.265841
SAR 1g (W/Kg)	0.446721

Z Axis Scan

Z(mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/kg)	0.0000	0.4467	0.3054	0.1865	0.1234	0.0754	0.0032

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

