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SAR MEASUREMENT REPORT

Project Name:KS060320A01

Model: SKYPE 101

Trade Name: NETGEAR

6/4/2006

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FREQUENCY	TYPE	PARAMETERS
CUSTOM	Noise	--
	Validation	--
	Phone	Measurement 1: Body 802.11b TX 2412MHz Measurement 2: Body 802.11b TX 2437MHz Measurement 3: Body 802.11b TX 2462MHz Measurement 4: Body 802.11g TX 2412MHz Measurement 5: Body 802.11g TX 2437MHz Measurement 6: Body 802.11g TX 2462MHz Measurement 7: Left_head Cheek 802.11b TX 2412MHz Measurement 8: Left_head Cheek 802.11b TX 2437MHz Measurement 9: Left_head Cheek 802.11b TX 2442MHz Measurement 10: Left_head Cheek 802.11b TX 2462MHz Measurement 11: Left_head Cheek 802.11b TX 2472MHz Measurement12: Left_head Cheek 802.11g TX 2412MHz Measurement 13: Left_head Cheek 802.11g TX 2437MHz Measurement 14: Left_head Cheek 802.11g TX 2442MHz Measurement 15: Left_head Cheek 802.11g TX 2462MHz Measurement 16: Left_head Cheek 802.11g TX 2472MHz Measurement 17: Left_head Tilt 802.11b TX 2412MHz Measurement 18: Left_head Tilt 802.11b TX 2437MHz Measurement 19: Left_head Tilt 802.11b TX 2442MHz Measurement 20: Left_head Tilt 802.11b TX 2462MHz Measurement 21: Left_head Tilt 802.11b TX 2472MHz Measurement 22: Left_head Tilt 802.11g TX 2412MHz Measurement 23: Left_head Tilt 802.11g TX 2437MHz Measurement 24: Left_head Tilt 802.11g TX 2442MHz Measurement 25: Left_head Tilt 802.11g TX 2462MHz Measurement 26: Left_head Tilt 802.11g TX 2472MHz Measurement 27: Right_head cheek 802.11b TX 2412MHz Measurement 28: Right_head cheek 802.11b TX 2437MHz Measurement 29: Right_head cheek 802.11b TX 2442MHz Measurement 30: Right_head cheek 802.11b TX 2462MHz Measurement 31: Right_head cheek 802.11b TX 2472MHz Measurement 32: Right_head cheek 802.11g TX 2412MHz Measurement 33: Right_head cheek 802.11g TX 2437MHz Measurement 34: Right_head cheek 802.11g TX 2442MHz Measurement 35: Right_head cheek 802.11g TX 2462MHz

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SAR MEASUREMENT UNCERTAINTIES

UNCERTAINTY EVALUATION FOR HANDSET SAR TEST

a	b	c	d	e= f(d,k)	f	g	h= cxf/e	i= cxg/e	k
Uncertainty Component	Sec.	Tol. (± %)	Prob. Dist.	Div.	c_i (1 g)	c_i (10 g)	1 g u_i (± %)	10 g u_i (± %)	v_i
Measurement System									
Probe Calibration	E.2.1.	7	N	1	1	1	7	7	∞
Axial Isotropy	E.2.2.	2,5	R	√3	$(1\text{-}c_p)^{1/2}$	$(1\text{-}c_p)^{1/2}$	1,02062	1,02062	∞
Hemispherical Isotropy	E.2.2.	4	R	√3	$\sqrt{C_p}$	$\sqrt{C_p}$	1,63299	1,63299	∞
Boundary Effect	E.2.3.	1	R	√3	1	1	0,57735	0,57735	∞
Linearity	E.2.4.	5	R	√3	1	1	2,88675	2,88675	∞
System Detection Limits	E.2.5.	1	R	√3	1	1	0,57735	0,57735	∞
Readout Electronics	E.2.6.	0,02	N	1	1	1	0,02	0,02	∞
Response Time	E.2.7.	3	R	√3	1	1	1,73205	1,73205	∞
Integration Time	E.2.8.	2	R	√3	1	1	1,1547	1,1547	∞
RF Ambient Conditions	E.6.1.	3	R	√3	1	1	1,73205	1,73205	∞
Probe Positioner Mechanical Tolerance	E.6.2.	2	R	√3	1	1	1,1547	1,1547	∞
Probe Positioning with respect to Phantom Shell	E.6.3.	0,05	R	√3	1	1	0,02887	0,02887	∞
Extrapolation, interpolation and Integration Algorithms for Max. SAR Evaluation	E.5.2.	5	R	√3	1	1	2,88675	2,88675	∞
Test sample Related									
Test Sample Positioning	E.4.2.1.	0,03	N	1	1	1	0,03	0,03	N-1
Device Holder Uncertainty	E.4.1.1.	5	N	1	1	1	5	5	N-1
Output Power Variation - SAR drift measurement	6.6.2.	3	R	√3	1	1	1,73205	1,73205	∞
Phantom and Tissue Parameters									
Phantom Uncertainty (shape and thickness tolerances)	E.3.1.	0,05	R	√3	1	1	0,02887	0,02887	∞
Liquid Conductivity - deviation from target values	E.3.2.	5	R	√3	0,64	0,43	1,84752	1,2413	∞
Liquid Conductivity - measurement uncertainty	E.3.3.	5	N	1	0,64	0,43	3,2	2,15	M
Liquid Permittivity - deviation from target values	E.3.2.	3	R	√3	0,6	0,49	1,03923	0,8487	∞
Liquid Permittivity - measurement uncertainty	E.3.3.	10	N	1	0,6	0,49	6	4,9	M
Combined Standard Uncertainty			RSS				11,1265	10,5799	
Expanded Uncertainty (95% CONFIDENCE INTERVAL)			k				21,8079	20,7366	

VALIDATON MEASUREMENT UNCERTAINTIES

UNCERTAINTY FOR SYSTEM PERFORMANCE CHECK

a	b	c	d	e= f(d,k)	f	g	h= cxf/e	i= cxg/e	k
Uncertainty Component	Sec.	Tol. (± %)	Prob. Dist.	Div.	c_i (1 g)	c_i (10 g)	1 g u_i (± %)	10 g u_i (± %)	v_i
Measurement System									
Probe Calibration	E.2.1.	7	N	1	1	1	7	7	∞
Axial Isotropy	E.2.2.	2,5	R	√3	$(1\text{-}c_p)^{1/2}$	$(1\text{-}c_p)^{1/2}$	1,02062	1,02062	∞
Hemispherical Isotropy	E.2.2.	4	R	√3	$\sqrt{C_p}$	$\sqrt{C_p}$	1,63299	1,63299	∞
Boundary Effect	E.2.3.	1	R	√3	1	1	0,57735	0,57735	∞
Linearity	E.2.4.	5	R	√3	1	1	2,88675	2,88675	∞
System Detection Limits	E.2.5.	1	R	√3	1	1	0,57735	0,57735	∞
Readout Electronics	E.2.6.	0,02	N	1	1	1	0,02	0,02	∞
Response Time	E.2.7.	3	R	√3	1	1	1,73205	1,73205	∞
Integration Time	E.2.8.	2	R	√3	1	1	1,1547	1,1547	∞
RF Ambient Conditions	E.6.1.	3	R	√3	1	1	1,73205	1,73205	∞
Probe Positioner Mechanical Tolerance	E.6.2.	2	R	√3	1	1	1,1547	1,1547	∞
Probe Positioning with respect to Phantom Shell	E.6.3.	0,05	R	√3	1	1	0,02887	0,02887	∞
Extrapolation, interpolation and Integration Algorithms for Max. SAR Evaluation	E.5.2.	5	R	√3	1	1	2,88675	2,88675	∞
Dipole									
Dipole Axis to Liquid Distance	8, E.4.2.	1	N	√3	1	1	0,57735	0,57735	N-1
Input Power and SAR drift measurement	8, 6.6.2.	2	R	√3	1	1	1,1547	1,1547	∞
Phantom and Tissue Parameters									
Phantom Uncertainty (shape and thickness tolerances)	E.3.1.	0,05	R	√3	1	1	0,02887	0,02887	∞
Liquid Conductivity - deviation from target values	E.3.2.	5	R	√3	0,64	0,43	1,84752	1,2413	∞
Liquid Conductivity - measurement uncertainty	E.3.3.	5	N	1	0,64	0,43	3,2	2,15	M
Liquid Permittivity - deviation from target values	E.3.2.	3	R	√3	0,6	0,49	1,03923	0,8487	∞
Liquid Permittivity - measurement uncertainty	E.3.3.	10	N	1	0,6	0,49	6	4,9	M
Combined Standard Uncertainty			RSS				9,87239	9,25204	
Expanded Uncertainty (95% CONFIDENCE INTERVAL)			k				19,3499	18,134	

INSTRUMENTATIONS

PC	HP (Pentium(R) V 3.06GHz375052-AA1, SN:375052-AA1)
Network Emulator	Agilent (E5071B, SN:B23-03291)
Voltmeter	Keithley (2000, SN:1015843)
Synthetizer	Agilent (E8257C, SN:MY43321570)
Amplifier	Mini-Circuits (ZHL-42, SN:110405)
Power Meter	Agilent (E4416A, SN:QB41292714)
Probe	Antennessa (SN:SN_1205_EP_45)
Phantom	Antennessa (SN:SN41_05_SAM29)
Liquid	Antennessa (Last Calibration:02/2006)

MEASUREMENT 1

Body 802.11b TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 6/4/2006

Length of measurement: 8 minutes 56 seconds

Number of maxima: 1

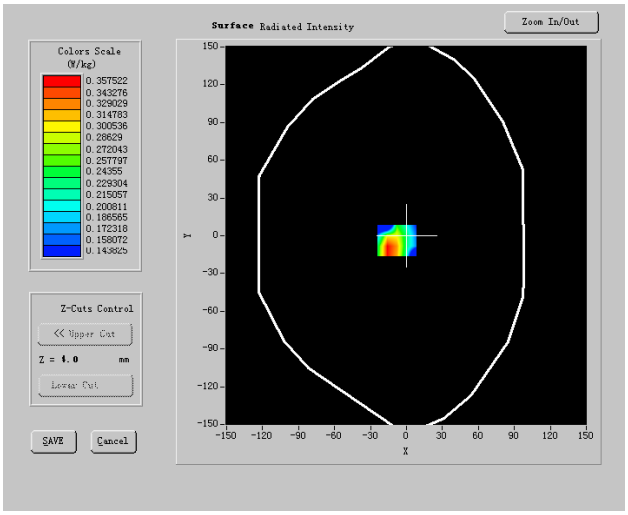
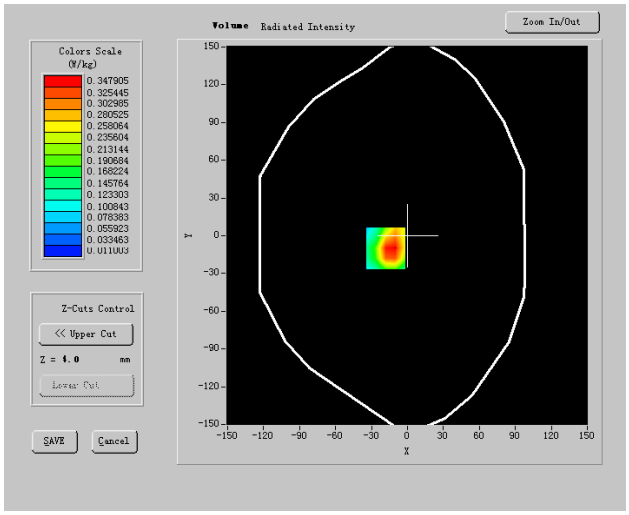
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	surf_sam_plan.txt, Adaptative 1 max
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.700000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.166744	0.200086	**0.183415**
SAR 1g	0.380176	0.456196	**0.418186**
SAR 10g Contiguous	0.244347	0.286793	0.265570

MEASUREMENT 2

Body 802.11b TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 6/4/2006

Length of measurement: 8 minutes 58 seconds

Number of maxima: 1

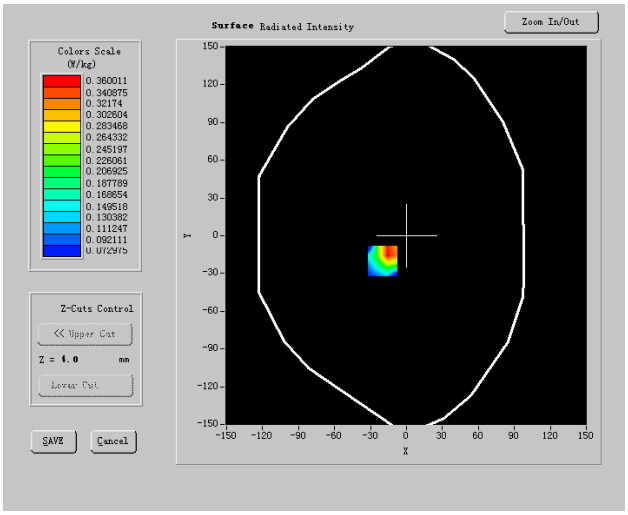
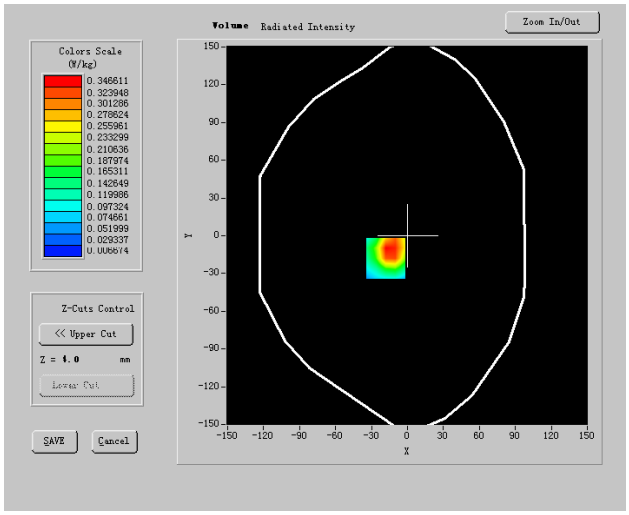
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	surf_sam_plan.txt, Adaptative 1 max
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.460000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.164989	0.197865	**0.181427**
SAR 1g	0.376175	0.451132	**0.413654**
SAR 10g Contiguous	0.250632	0.291784	0.271208

MEASUREMENT 3

Body 802.11b TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 6/4/2006

Length of measurement: 8 minutes 43 seconds

Number of maxima: 1

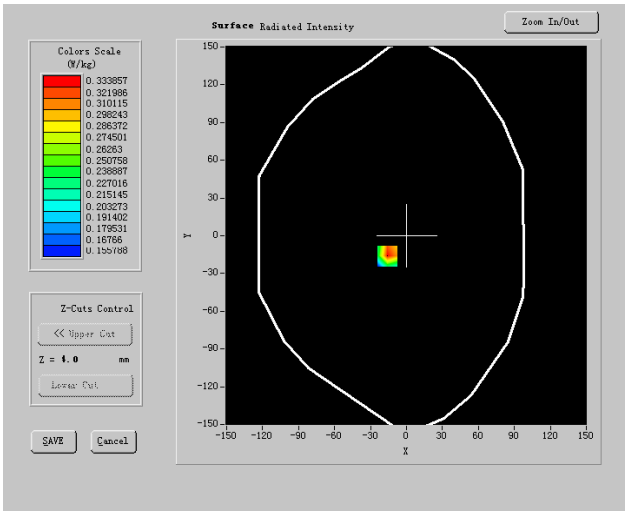
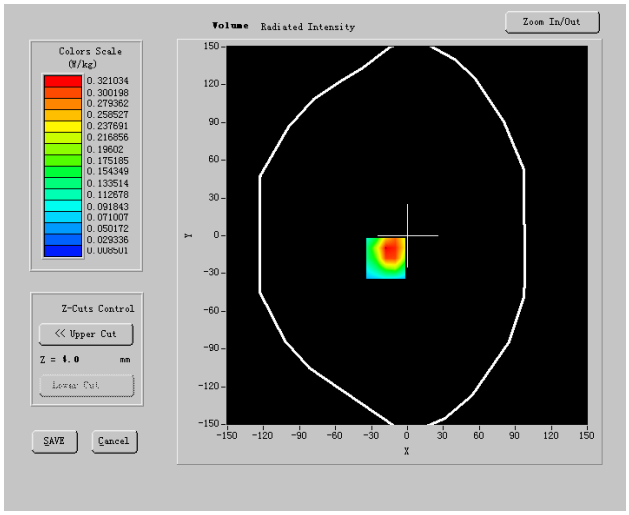
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	surf_sam_plan.txt, Adaptative 1 max
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.720000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.155982	0.185988	**0.170985**
SAR 1g	0.355639	0.424053	**0.389846**
SAR 10g Contiguous	0.237205	0.274414	0.255810

MEASUREMENT 4

Body 802.11g TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 6/4/2006

Length of measurement: 8 minutes 44 seconds

Number of maxima: 1

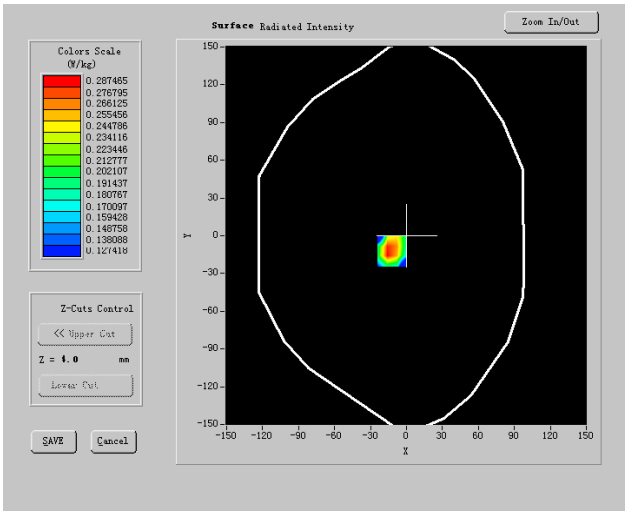
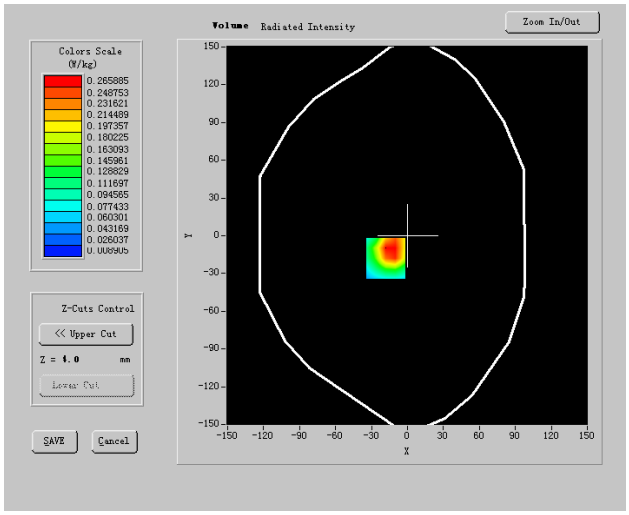
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	surf_sam_plan.txt, Adaptative 1 max
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.270000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.132392	0.154619	**0.143505**
SAR 1g	0.301854	0.352531	**0.327193**
SAR 10g Contiguous	0.198853	0.228509	0.213681

MEASUREMENT 5

Body 802.11g TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 6/4/2006

Length of measurement: 8 minutes 45 seconds

Number of maxima: 1

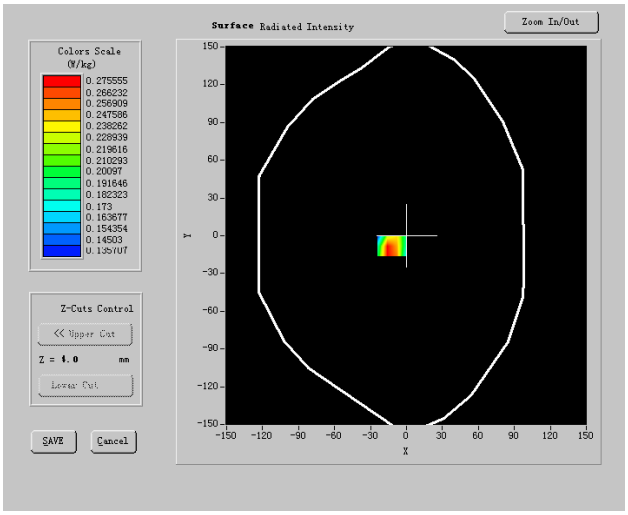
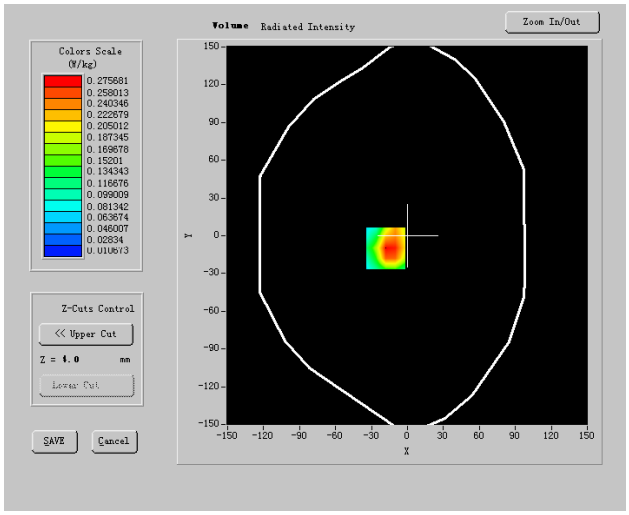
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	surf_sam_plan.txt, Adaptative 1 max
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.140000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.134911	0.159090	**0.147000**
SAR 1g	0.307597	0.362725	**0.335161**
SAR 10g Contiguous	0.200960	0.230225	0.215592

MEASUREMENT 6

Body 802.11g TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 6/4/2006

Length of measurement: 8 minutes 43 seconds

Number of maxima: 1

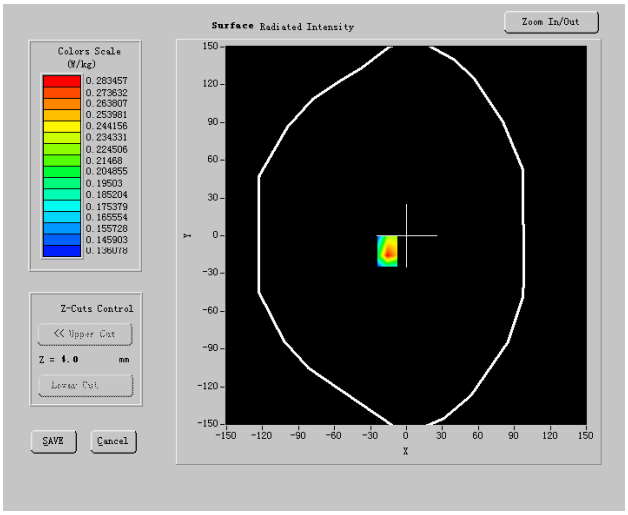
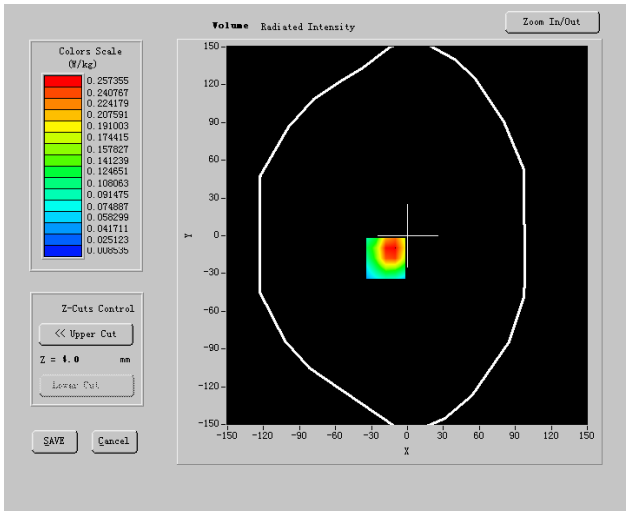
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	surf_sam_plan.txt, Adaptative 1 max
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (Bluetooth)
Channels	--

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.810000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.126395	0.149490	**0.137943**
SAR 1g	0.288181	0.340837	**0.314509**
SAR 10g Contiguous	0.192806	0.221763	0.207285

MEASUREMENT 7

Right_head Tilt 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 6 seconds

Number of maxima: 1

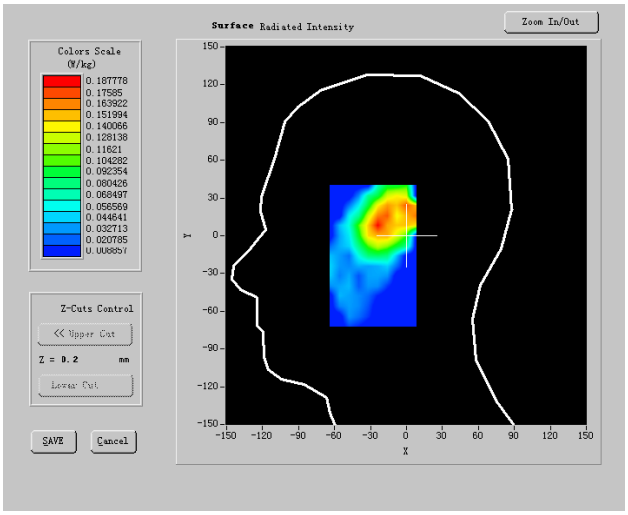
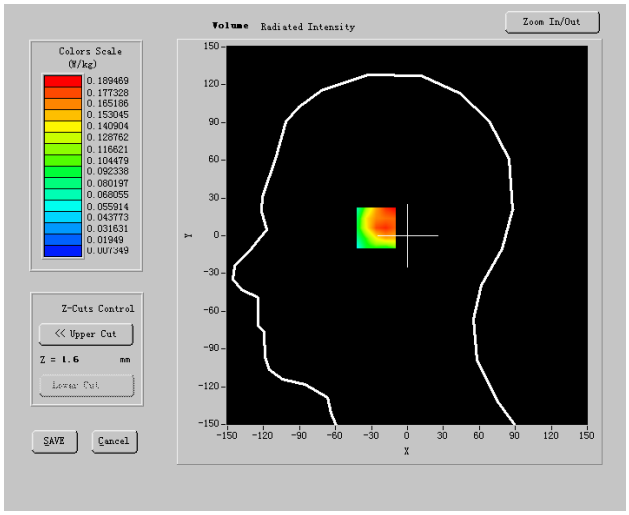
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.720000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.117452	0.137036	**0.127244**
SAR 1g	0.267791	0.312442	**0.290116**
SAR 10g Contiguous	0.184661	0.194205	0.189433

MEASUREMENT 8

Left_head Cheek 802.11b TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 15 minutes 17 seconds

Number of maxima: 1

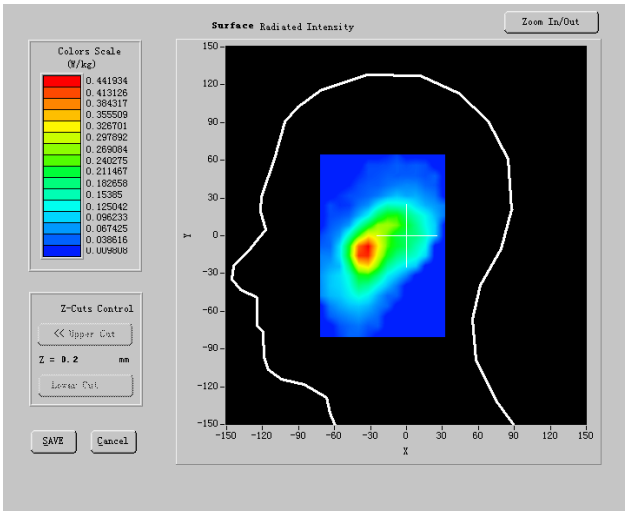
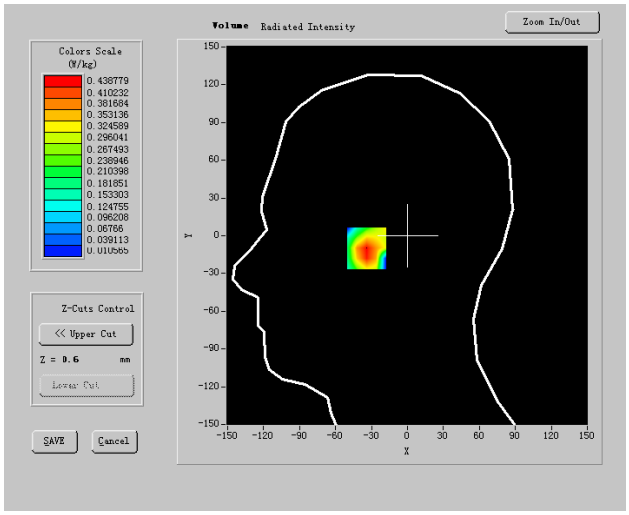
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.770000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.201217	0.245695	**0.223456**
SAR 1g	0.458775	0.560185	**0.509480**
SAR 10g Contiguous	0.285040	0.351941	0.318490

MEASUREMENT 9

Right_head Cheek 802.11g TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 6 seconds

Number of maxima: 1

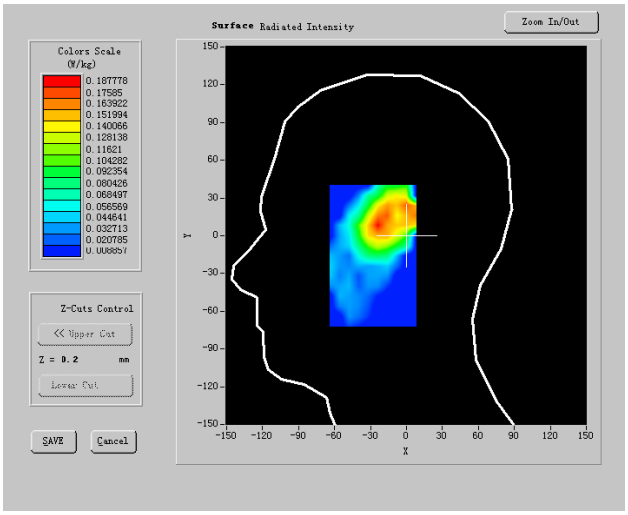
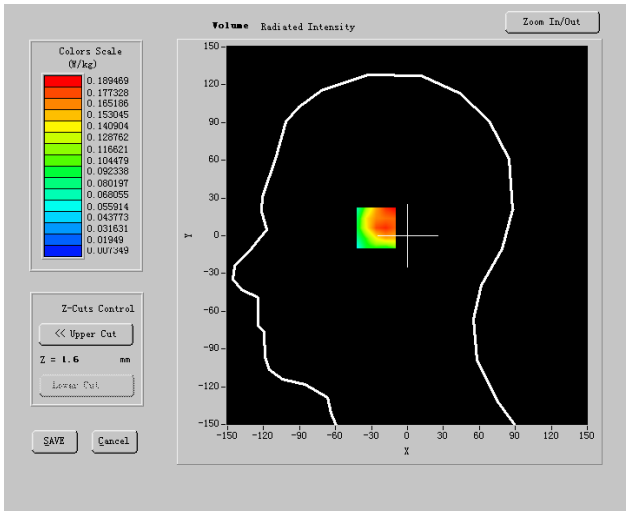
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.720000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.117452	0.137036	**0.125312**
SAR 1g	0.267791	0.312442	**0.271241**
SAR 10g Contiguous	0.184661	0.194205	0.1874251

MEASUREMENT 10

Left_head Cheek 802.11b TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 15 minutes 41 seconds

Number of maxima: 1

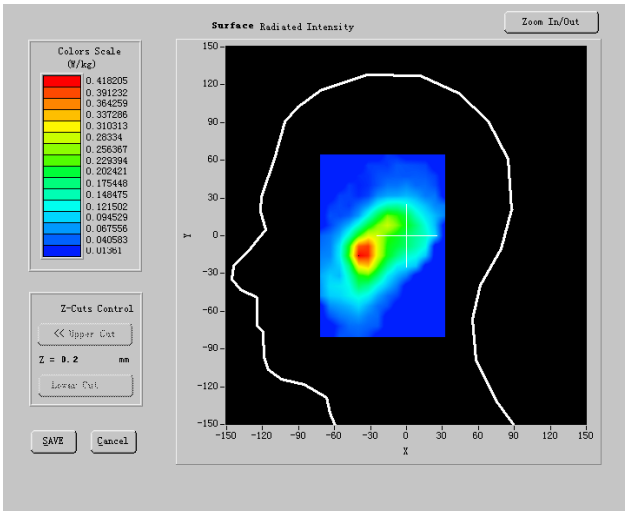
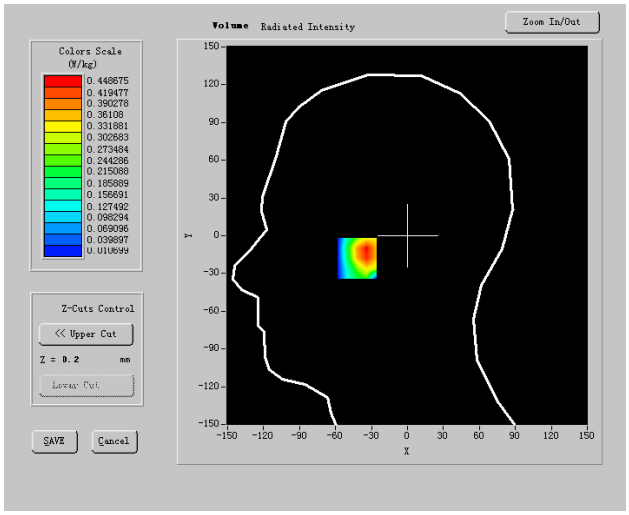
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.880000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.204405	0.248206	**0.226305**
SAR 1g	0.466043	0.565910	**0.515977**
SAR 10g Contiguous	0.304579	0.365020	0.334799

MEASUREMENT 11

Right_head Cheek 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 6 seconds

Number of maxima: 1

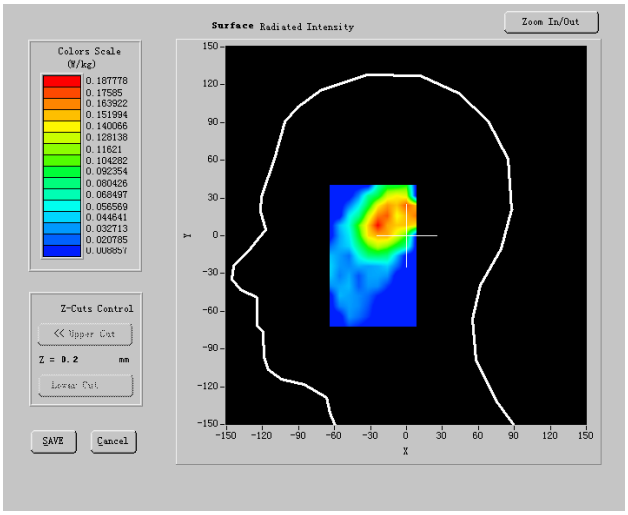
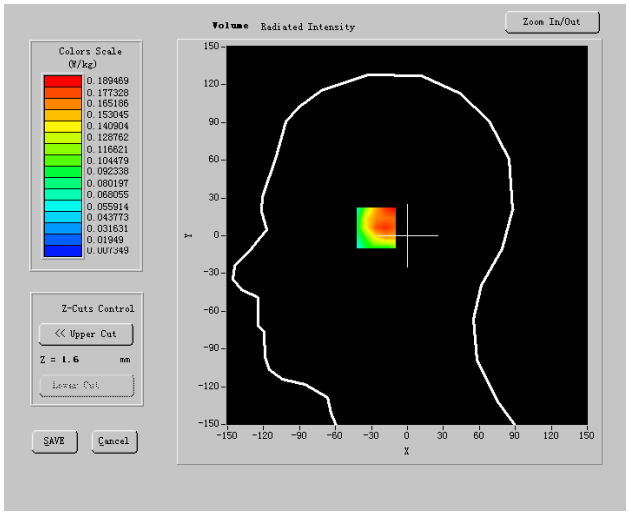
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2472.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840466
Variation (%)	-3.950000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.117452	0.137036	**0.121134**
SAR 1g	0.267791	0.312442	**0.223654**
SAR 10g Contiguous	0.184661	0.194205	0.183215

MEASUREMENT 12

Left_head Cheek 802.11g TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 37 seconds

Number of maxima: 1

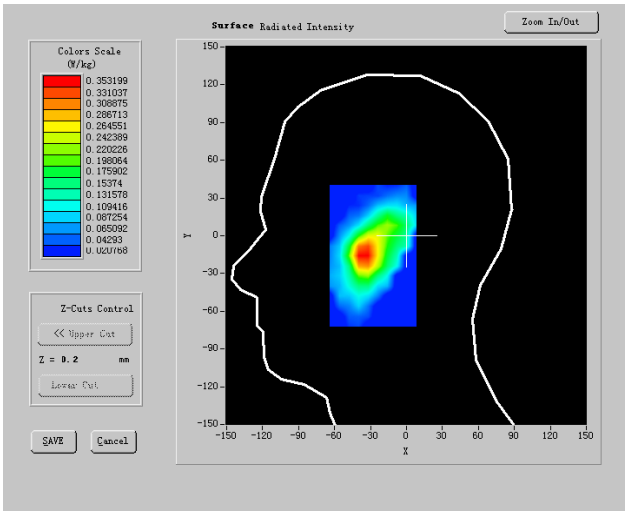
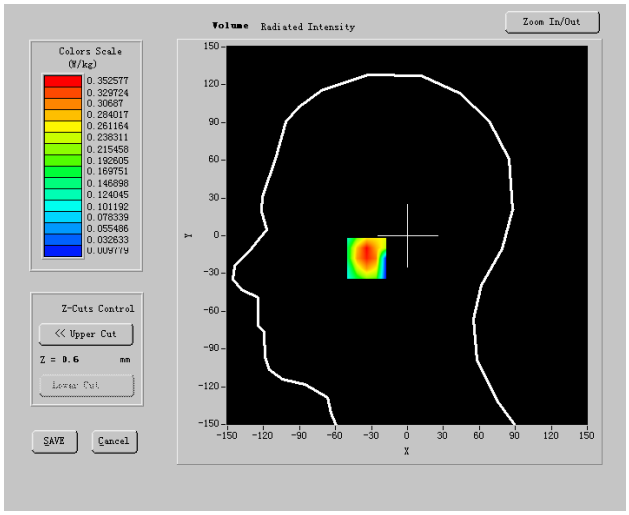
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.750000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.173141	0.206482	**0.189811**
SAR 1g	0.394761	0.470779	**0.432770**
SAR 10g Contiguous	0.256117	0.305404	0.280760

MEASUREMENT 13

Left_head Cheek 802.11g TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 15 minutes 28 seconds

Number of maxima: 1

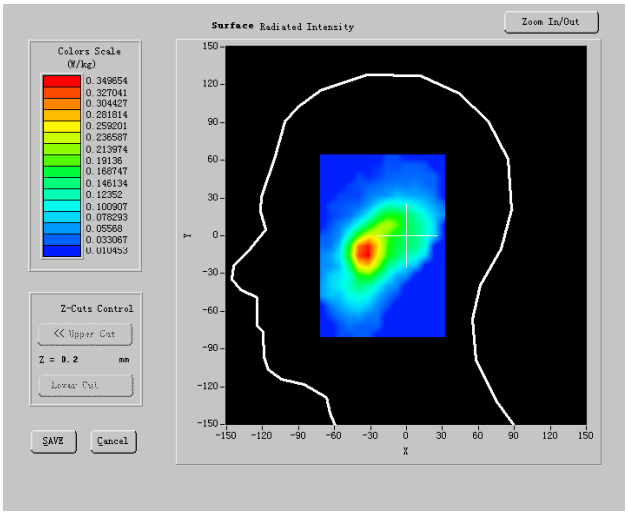
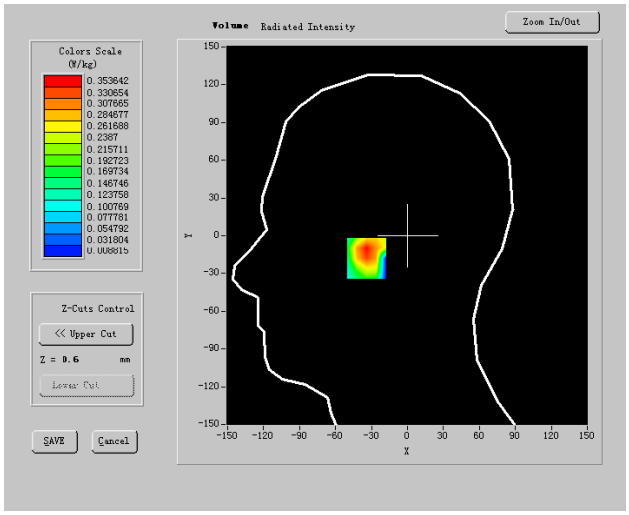
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.470000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.166253	0.201329	**0.183791**
SAR 1g	0.379057	0.459030	**0.419043**
SAR 10g Contiguous	0.245389	0.299302	0.272346

MEASUREMENT 14

Left_head Cheek 802.11g TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 45 seconds

Number of maxima: 1

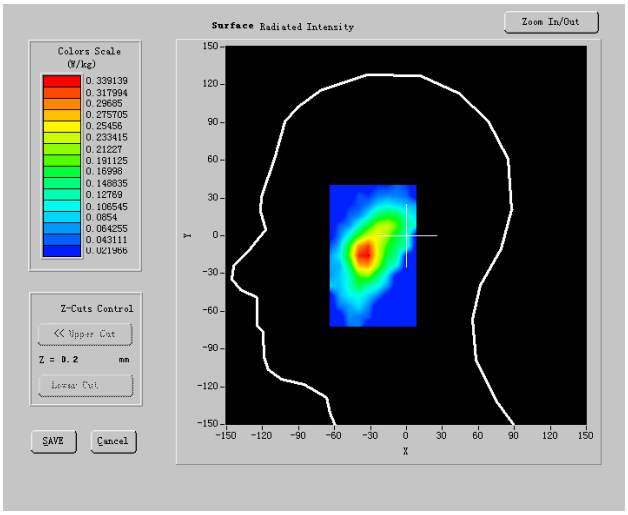
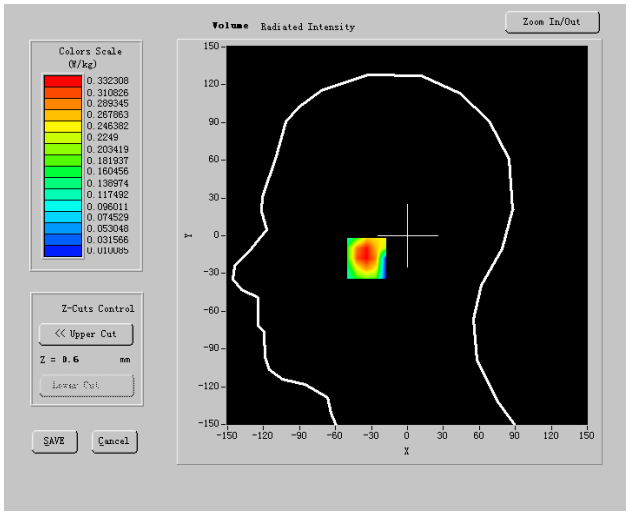
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.410000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.165325	0.199559	**0.182442**
SAR 1g	0.376941	0.454995	**0.415968**
SAR 10g Contiguous	0.242343	0.290840	0.266591

MEASUREMENT 15

Left_head Cheek 802.11g TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 15 minutes 9 seconds

Number of maxima: 1

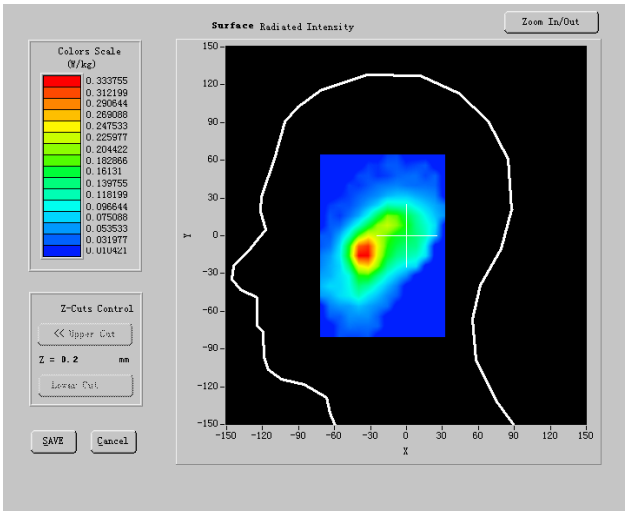
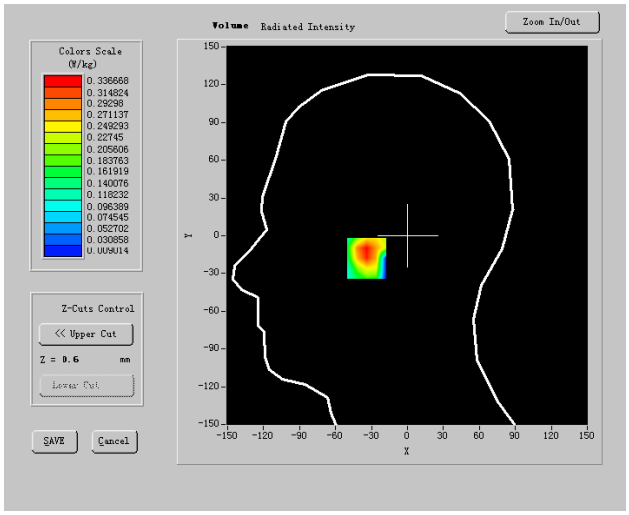
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.630000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.156888	0.190033	**0.173460**
SAR 1g	0.357705	0.433275	**0.395490**
SAR 10g Contiguous	0.234116	0.282872	0.258494

MEASUREMENT 16

Left_head Cheek 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 0 seconds

Number of maxima: 1

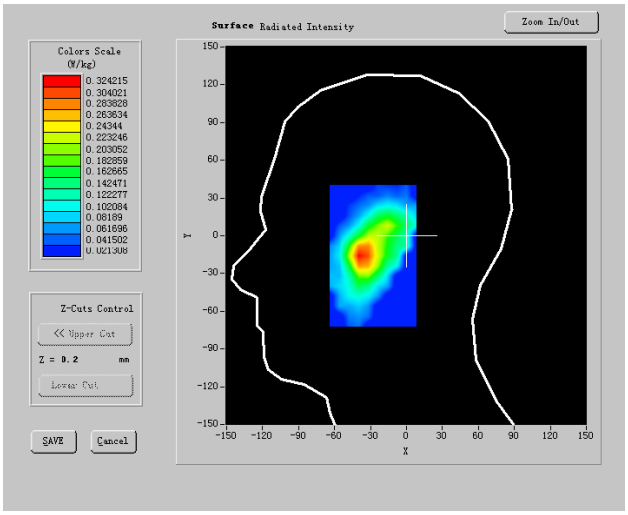
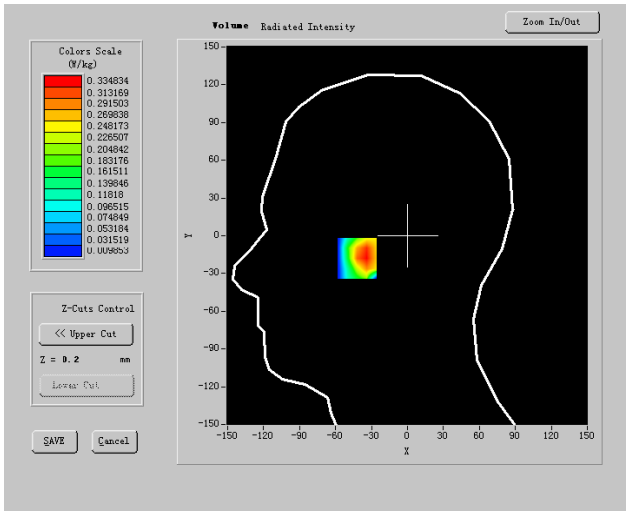
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Left head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.250000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.158869	0.190919	**0.174894**
SAR 1g	0.362221	0.435295	**0.398758**
SAR 10g Contiguous	0.237633	0.281768	0.259700

MEASUREMENT 17

Right_head Tilt 802.11g TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 6 seconds

Number of maxima: 1

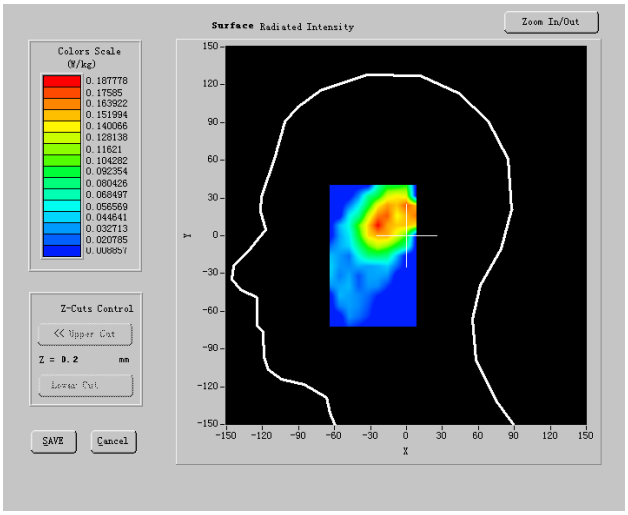
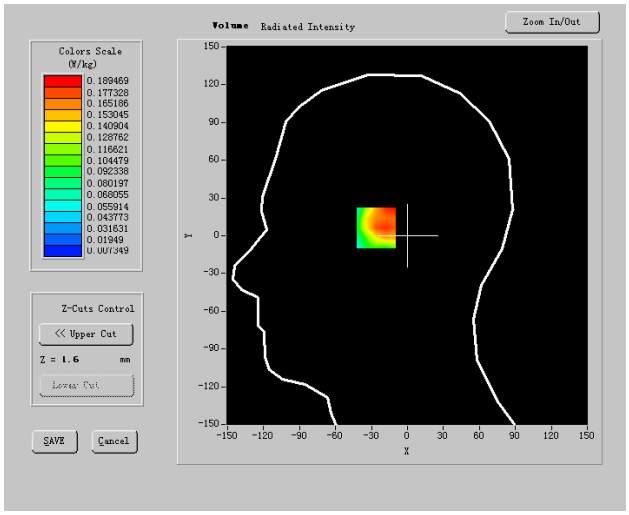
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.720000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.117452	0.137036	**0.131243**
SAR 1g	0.267791	0.312442	**0.330128**
SAR 10g Contiguous	0.184661	0.194205	0.185241

MEASUREMENT 18

Left_head Tilt 802.11b TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 15 minutes 39 seconds

Number of maxima: 1

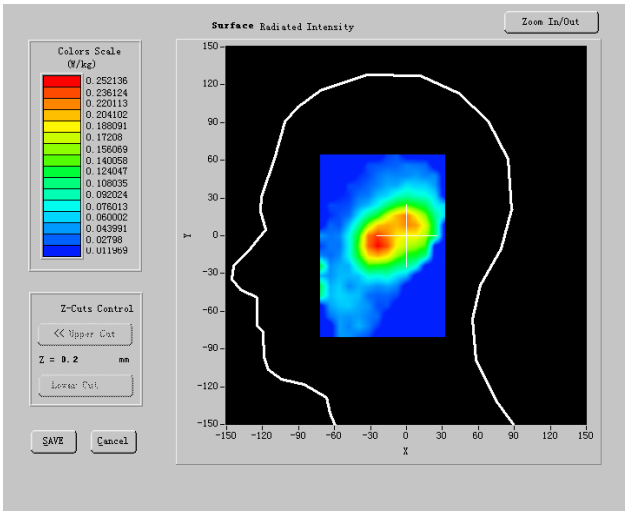
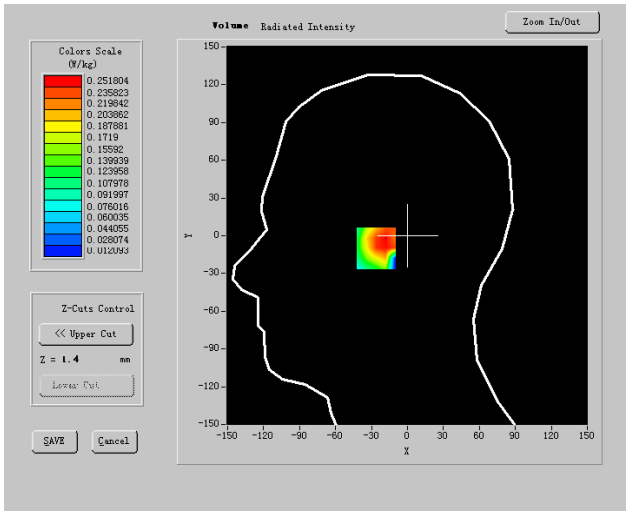
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.380000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.164459	0.187410	**0.175935**
SAR 1g	0.374967	0.427295	**0.401131**
SAR 10g Contiguous	0.249775	0.260766	0.255271

MEASUREMENT 19

Right_head Tilt 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 6 seconds

Number of maxima: 1

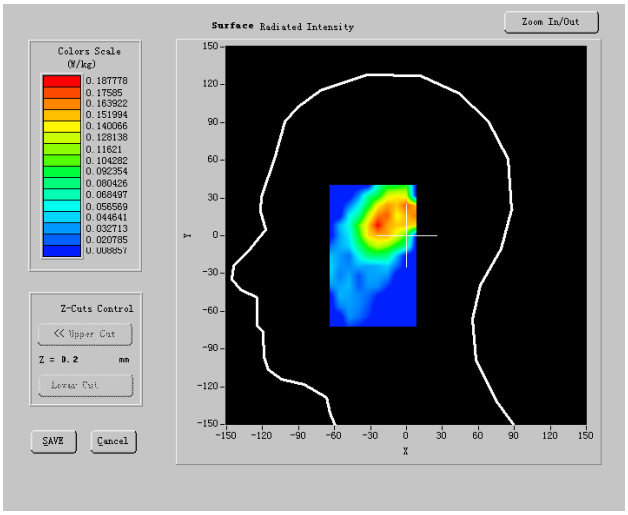
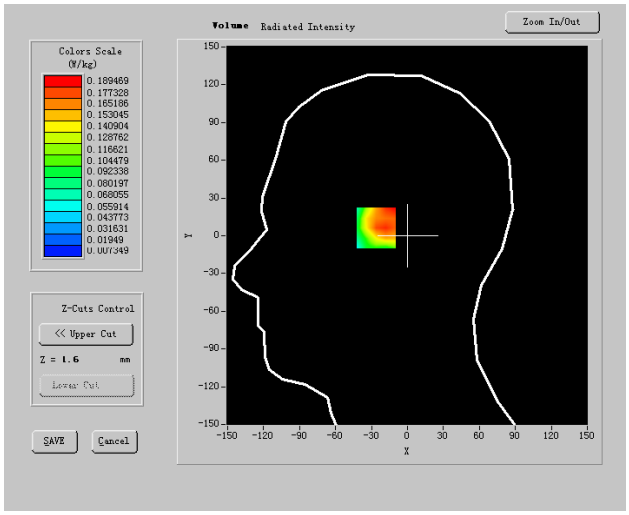
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840248
Variation (%)	-4.520000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.117452	0.137036	**0.125101**
SAR 1g	0.267791	0.312442	**0.273245**
SAR 10g Contiguous	0.184661	0.194205	0.181257

MEASUREMENT 20

Left_head Tilt 802.11b TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 15 minutes 20 seconds

Number of maxima: 1

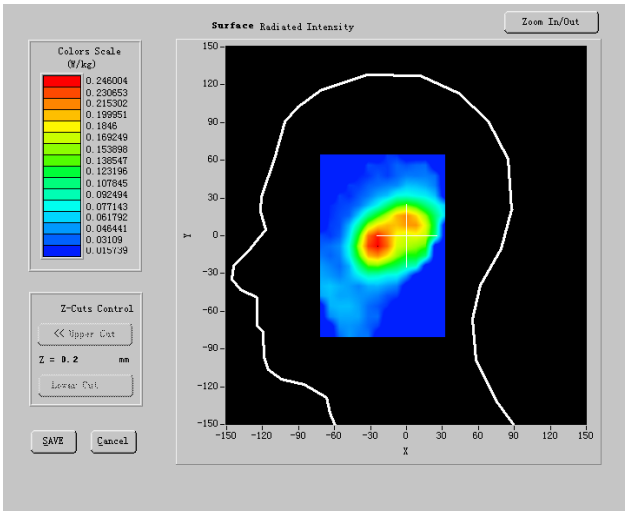
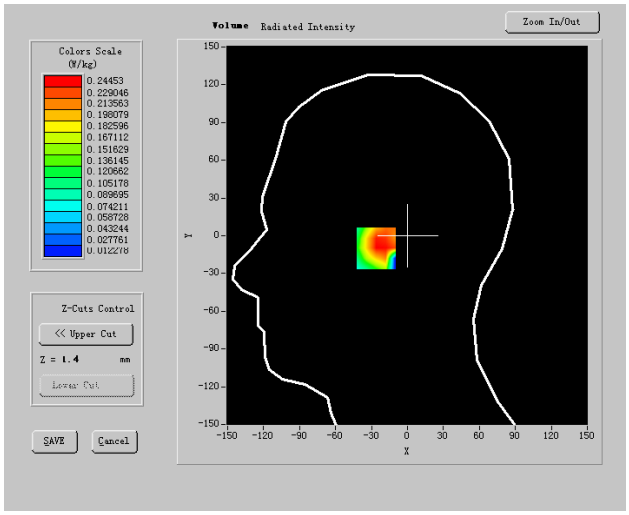
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.900000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.162953	0.181644	**0.172298**
SAR 1g	0.371533	0.414148	**0.392841**
SAR 10g Contiguous	0.243343	0.252418	0.247881

MEASUREMENT 21

Left_head Tilt 802.11b TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 10 minutes 3 seconds

Number of maxima: 1

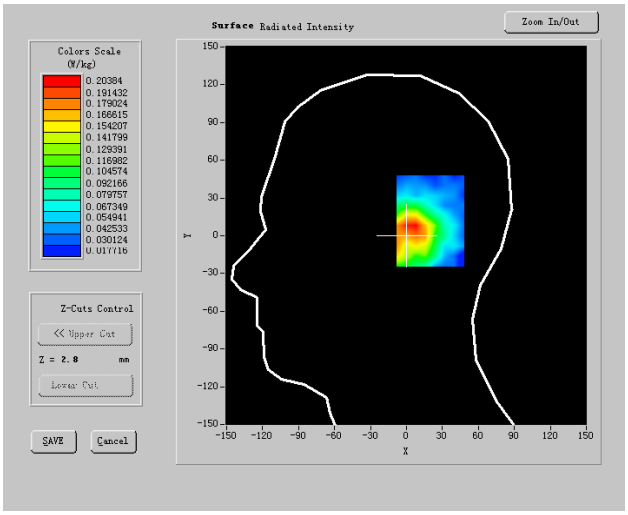
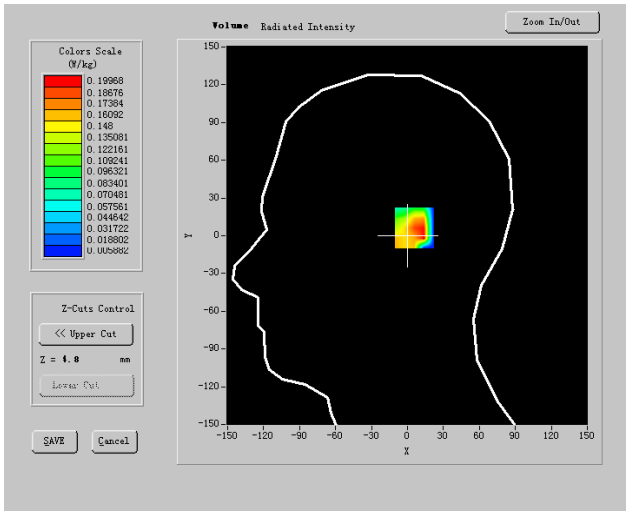
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf15.txt (-8<=X<=48, -24<=Y<=48
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-7.630000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.082297	0.106168	**0.094232**
SAR 1g	0.187637	0.242063	**0.214850**
SAR 10g Contiguous	0.125936	0.137050	0.131493

MEASUREMENT 22

Left_head Tilt 802.11g TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 10 minutes 48 seconds

Number of maxima: 1

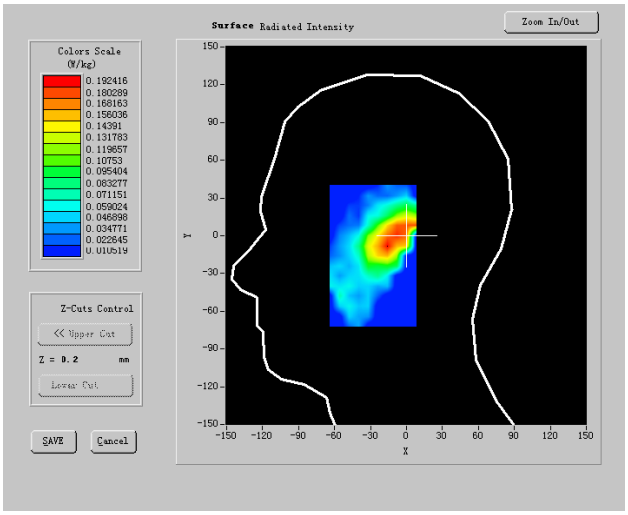
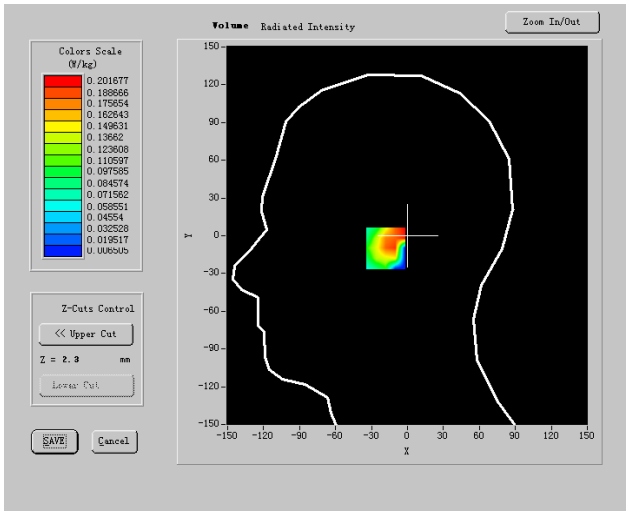
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.490000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.120391	0.146768	**0.133580**
SAR 1g	0.274491	0.334631	**0.304561**
SAR 10g Contiguous	0.188772	0.204884	0.196828

MEASUREMENT 23

Left_head Tilt 802.11g TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 14 minutes 42 seconds

Number of maxima: 1

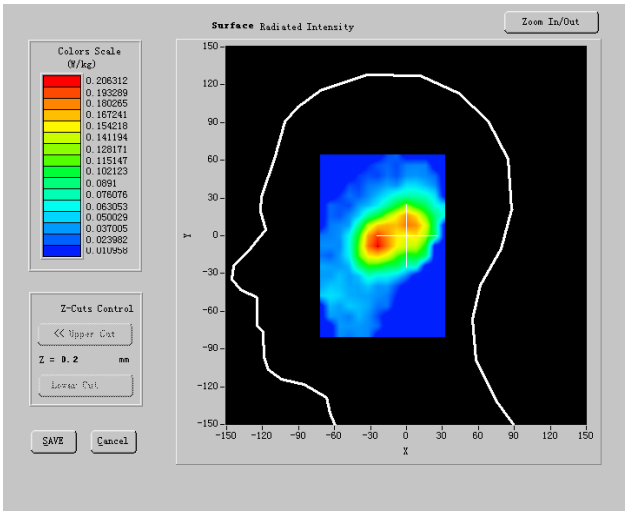
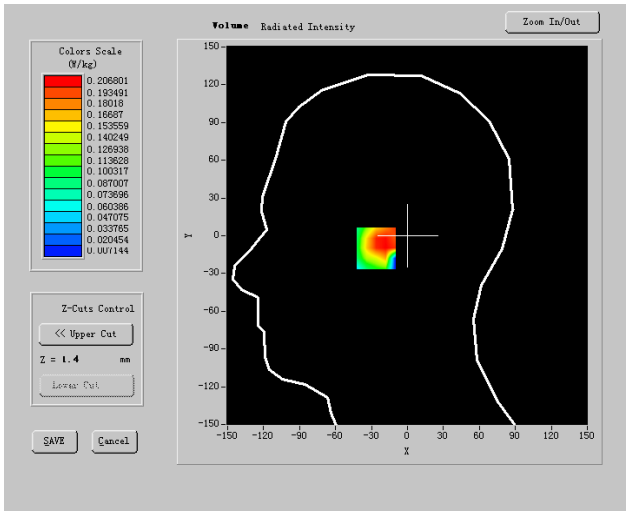
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.390000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.137711	0.156074	**0.146893**
SAR 1g	0.313981	0.355849	**0.334915**
SAR 10g Contiguous	0.208522	0.219995	0.214259

MEASUREMENT 24

Left_head Tilt 802.11g TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 4 seconds

Number of maxima: 1

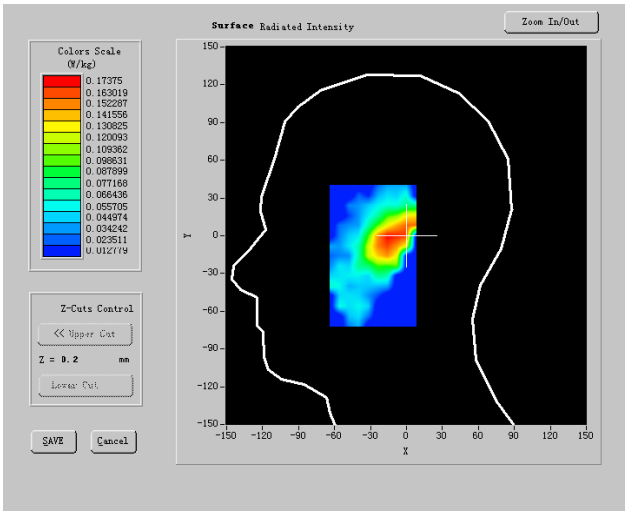
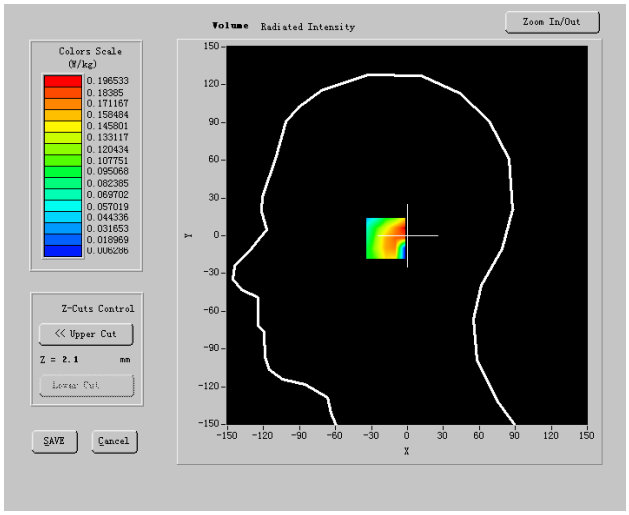
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.190000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.119522	0.145640	**0.132581**
SAR 1g	0.272510	0.332059	**0.302285**
SAR 10g Contiguous	0.172732	0.196005	0.184368

MEASUREMENT 25

Left_head Tilt 802.11g TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 14 minutes 33 seconds

Number of maxima: 1

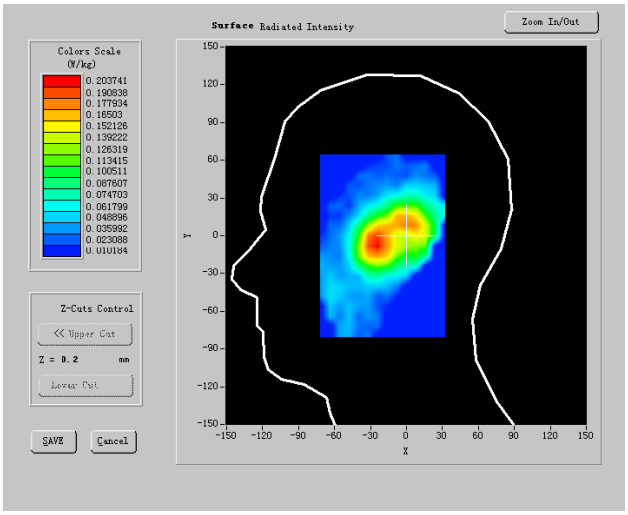
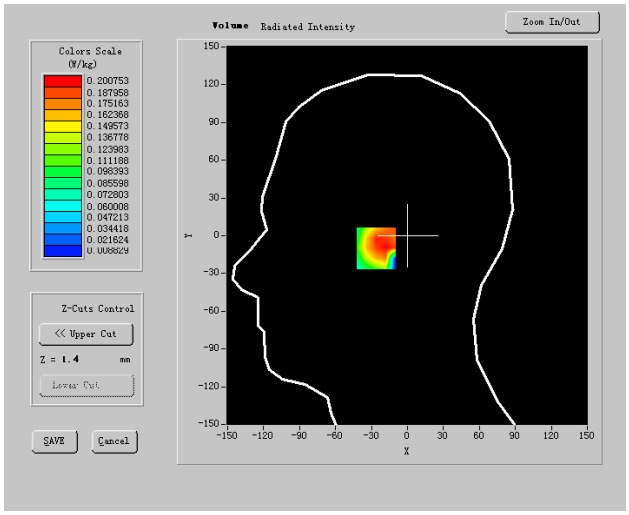
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-3.510000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.131909	0.148035	**0.139972**
SAR 1g	0.300753	0.337520	**0.319136**
SAR 10g Contiguous	0.199738	0.206144	0.202941

MEASUREMENT 26

Left_head Tilt 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 23 seconds

Number of maxima: 1

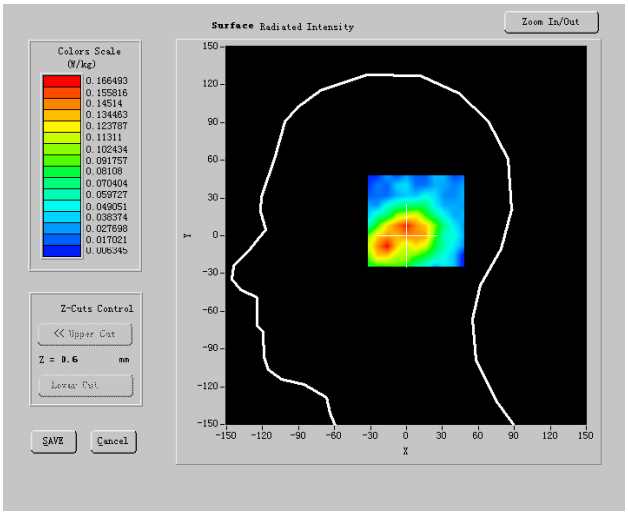
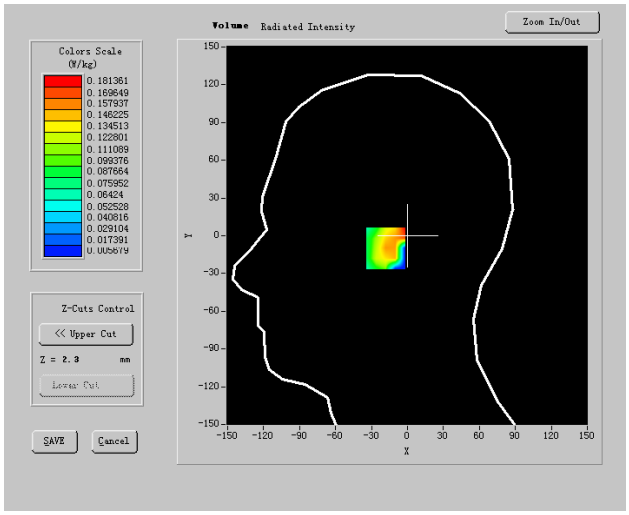
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf15.txt (-32<=X<=48, -24<=Y<=48
Phantom	Left head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.400000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.095395	0.119146	**0.107270**
SAR 1g	0.217501	0.271653	**0.244577**
SAR 10g Contiguous	0.166472	0.184823	0.175648

MEASUREMENT 27

Right_head cheek 802.11b TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 14 minutes 50 seconds

Number of maxima: 1

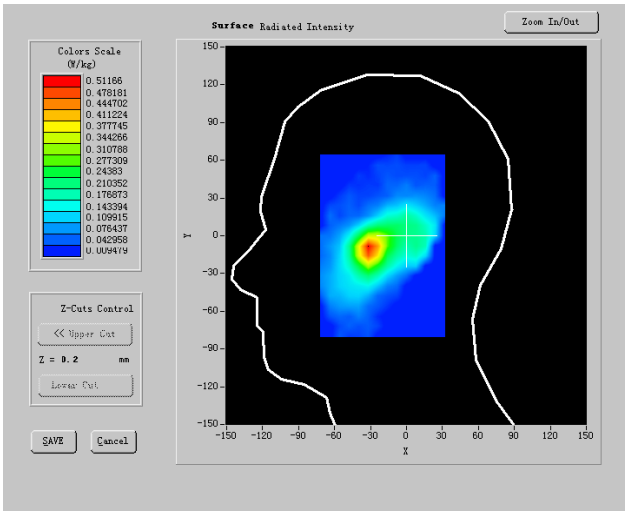
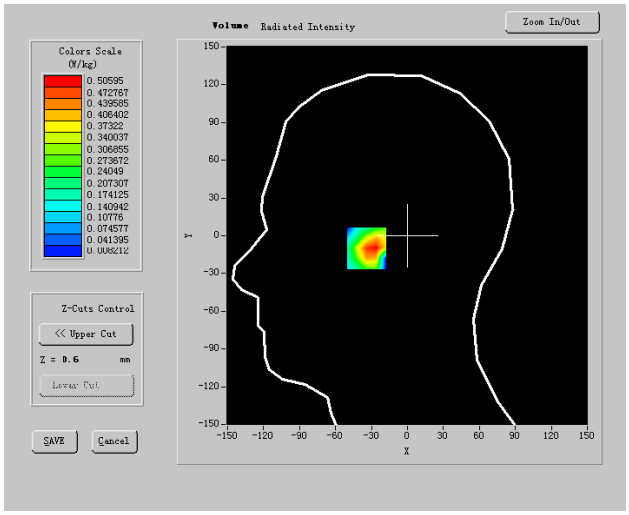
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.640000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.218253	0.264555	**0.241404**
SAR 1g	0.497617	0.603185	**0.550401**
SAR 10g Contiguous	0.314215	0.394364	0.354290

MEASUREMENT 28

Right_head cheek 802.11b TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 12 minutes 22 seconds

Number of maxima: 1

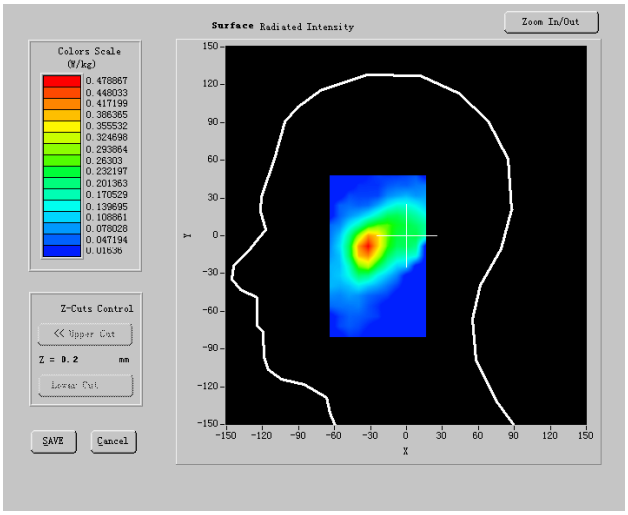
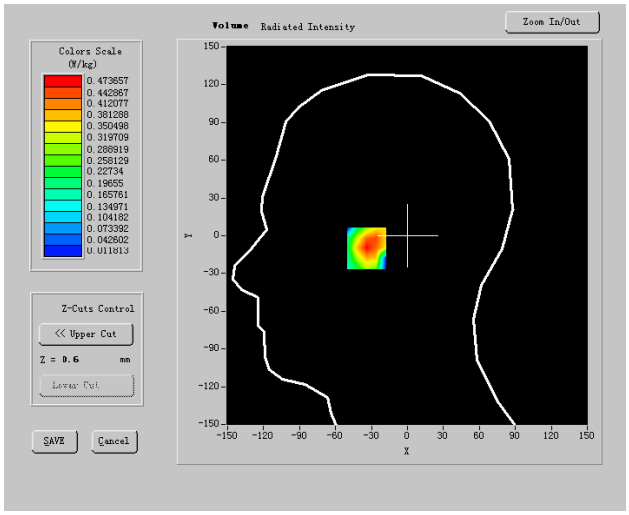
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.800000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.225391	0.263050	**0.244220**
SAR 1g	0.513891	0.599754	**0.556823**
SAR 10g Contiguous	0.342828	0.420960	0.381894

MEASUREMENT 29

Right_head cheek 802.11b TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 13 minutes 11 seconds

Number of maxima: 1

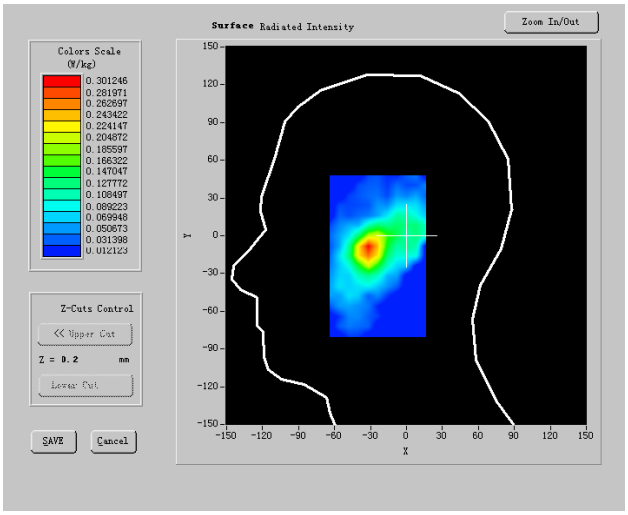
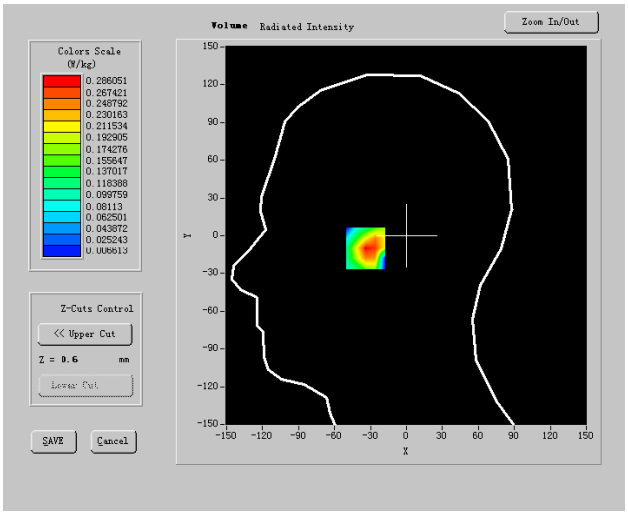
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.810000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.129918	0.154590	**0.142254**
SAR 1g	0.296213	0.352465	**0.324339**
SAR 10g Contiguous	0.189484	0.236154	0.212819

MEASUREMENT 30

Right_head cheek 802.11b TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 12 minutes 36 seconds

Number of maxima: 1

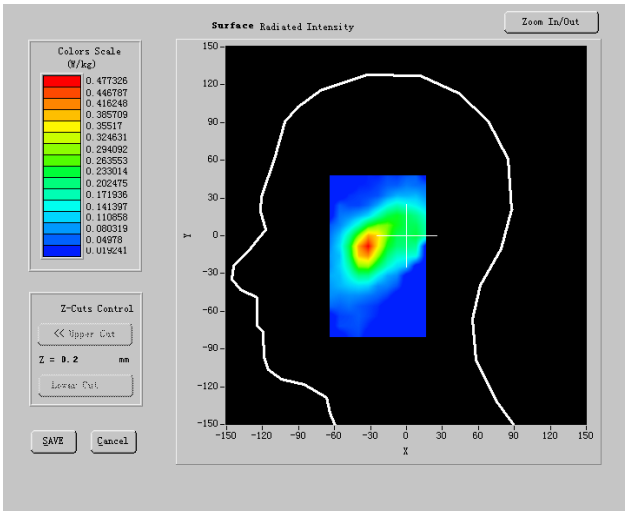
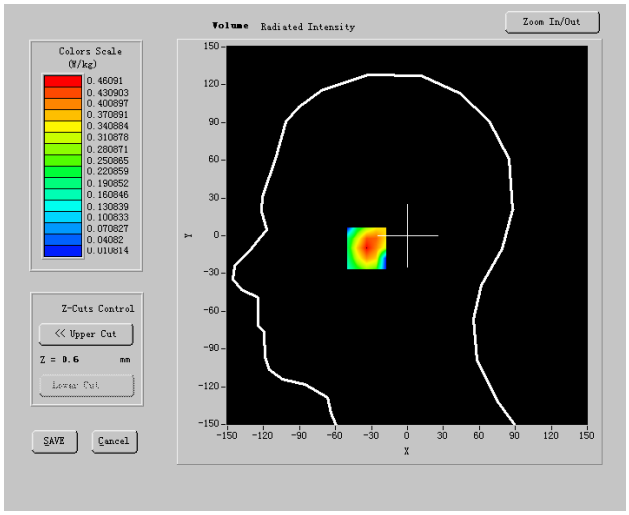
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.650000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.211036	0.250757	**0.230897**
SAR 1g	0.481162	0.571726	**0.586444**
SAR 10g Contiguous	0.314211	0.388005	0.351108

MEASUREMENT 31

Right_head cheek 802.11b TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 58 seconds

Number of maxima: 1

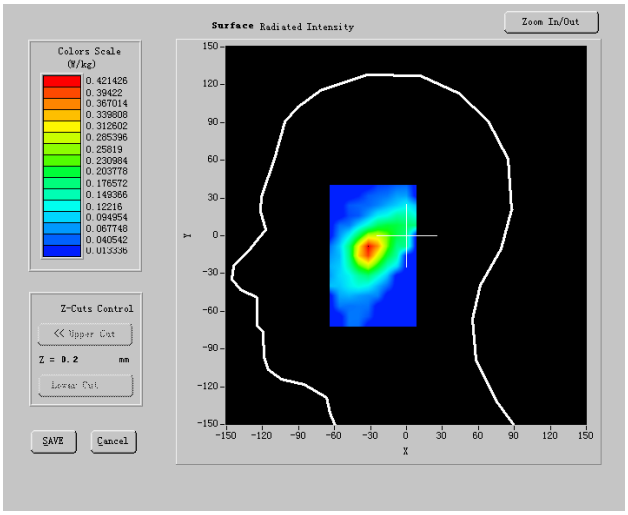
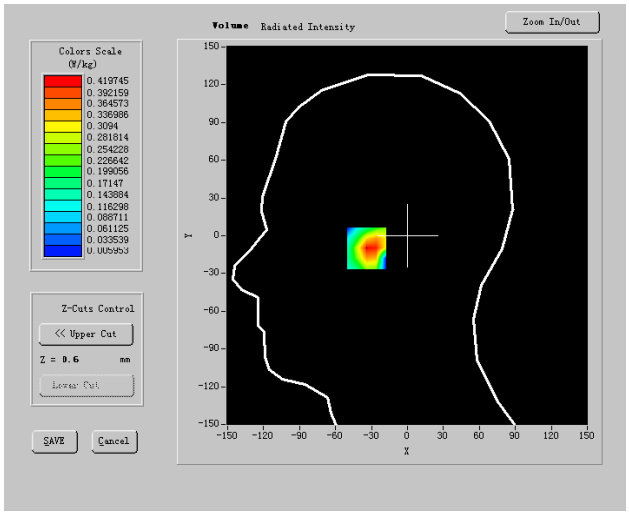
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.910000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.185179	0.223470	**0.244324**
SAR 1g	0.422208	0.509512	**0.465860**
SAR 10g Contiguous	0.265427	0.333865	0.299646

MEASUREMENT 32

Right_head cheek 802.11g TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 8 seconds

Number of maxima: 1

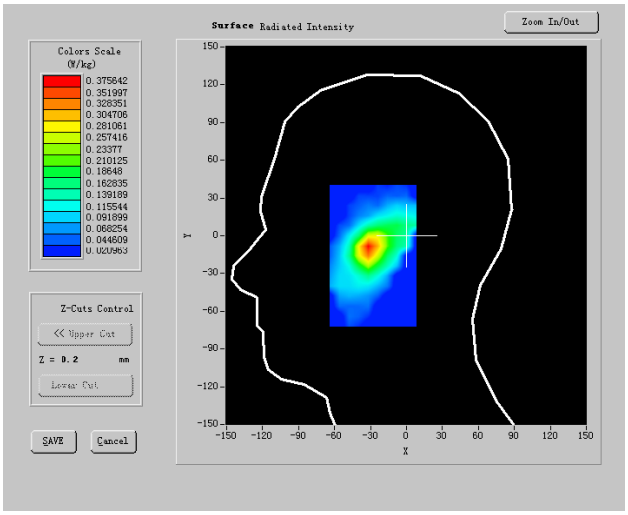
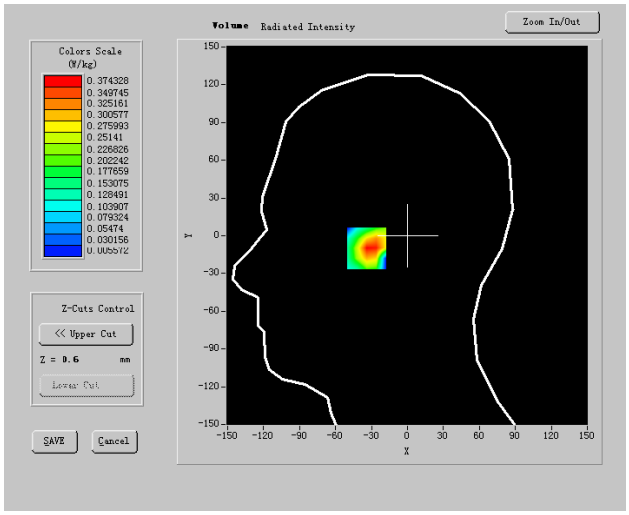
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.170000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	Internal Surface	External Surface	Average
SAR 10g	0.167967	0.201386	**0.184677**
SAR 1g	0.382965	0.459160	**0.421062**
SAR 10g Contiguous	0.242542	0.301266	0.271904

MEASUREMENT 33

Right_head cheek 802.11g TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 12 minutes 52 seconds

Number of maxima: 1

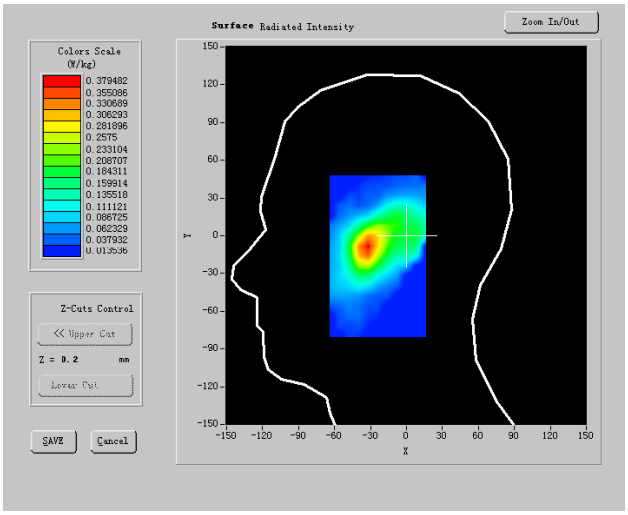
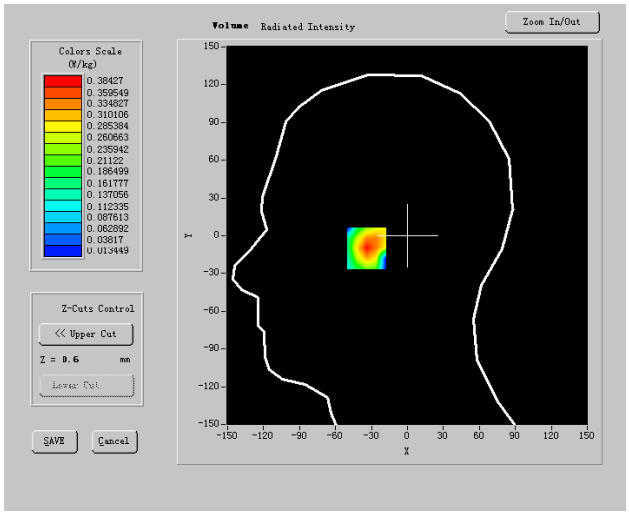
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.270000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.173971	0.211977	**0.192974**
SAR 1g	0.396654	0.483308	**0.439981**
SAR 10g Contiguous	0.251975	0.313985	0.282980

MEASUREMENT 34

Right_head cheek 802.11g TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 59 seconds

Number of maxima: 1

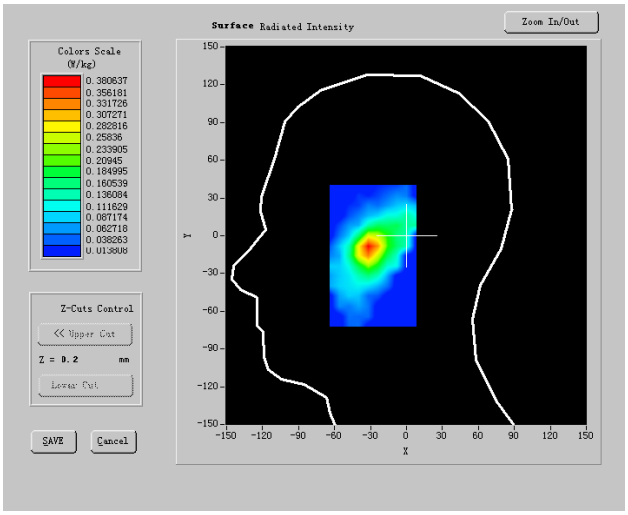
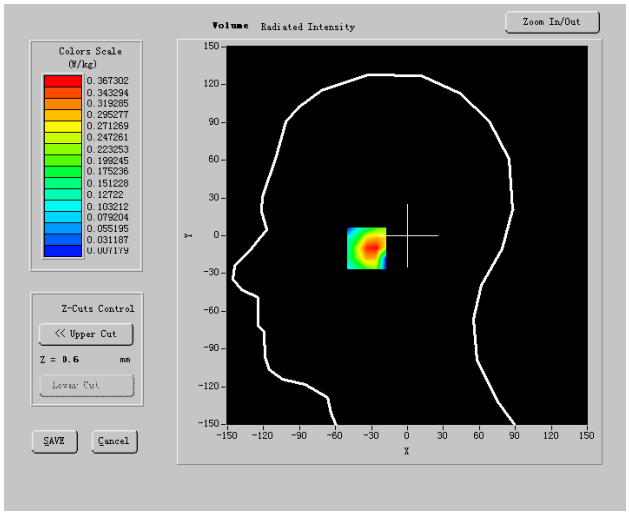
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.900000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.166332	0.199560	**0.182946**
SAR 1g	0.379237	0.454997	**0.417117**
SAR 10g Contiguous	0.238406	0.296551	0.267478

MEASUREMENT 35

Right_head cheek 802.11g TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 12 minutes 35 seconds

Number of maxima: 1

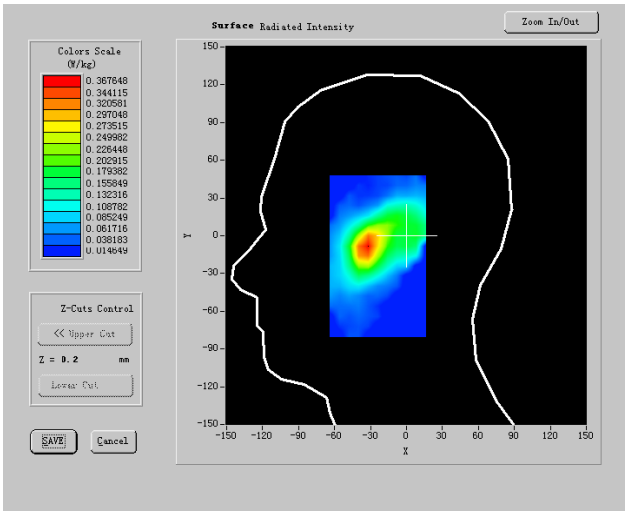
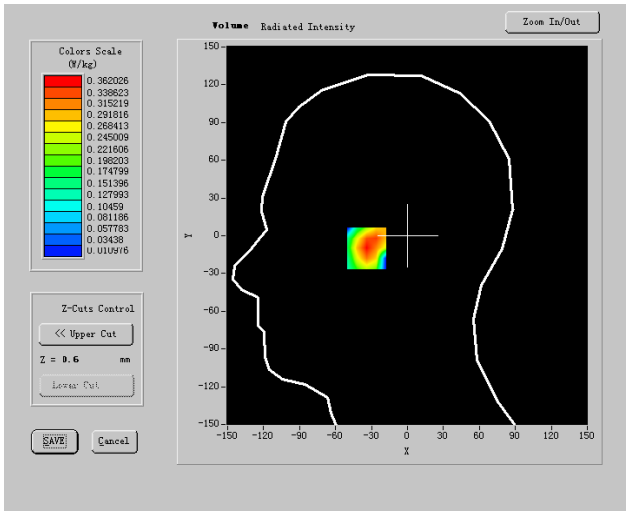
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	1.200000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.177420	0.204400	**0.190910**
SAR 1g	0.404518	0.466032	**0.435275**
SAR 10g Contiguous	0.254741	0.311891	0.283316

MEASUREMENT 36

Right_head cheek 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 27 seconds

Number of maxima: 1

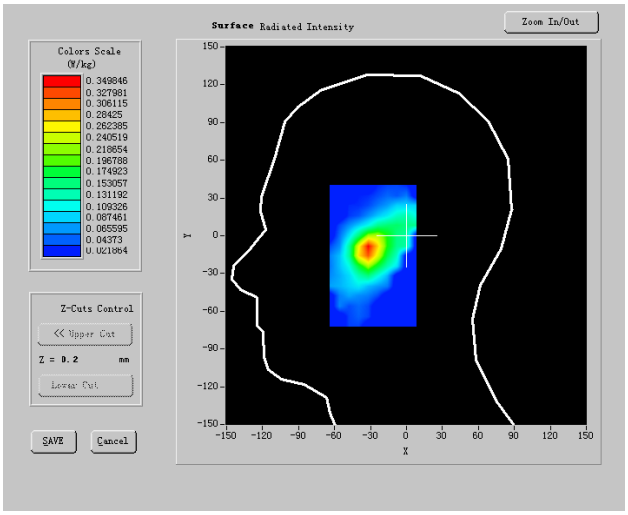
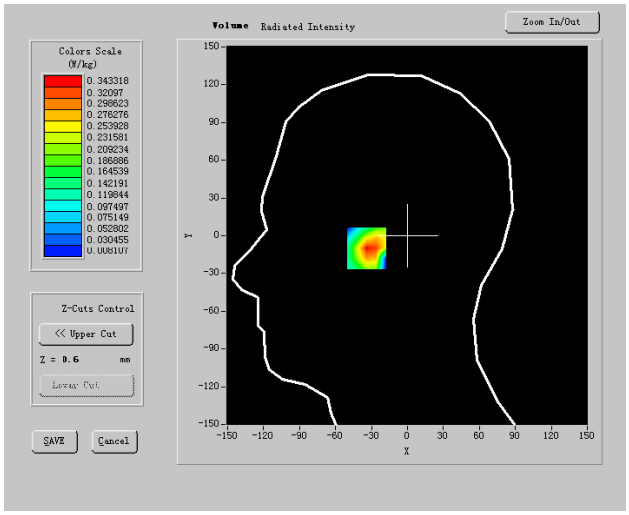
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Cheek
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.140000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.151630	0.181558	**0.166594**
SAR 1g	0.345716	0.413952	**0.379834**
SAR 10g Contiguous	0.218098	0.271614	0.244856

MEASUREMENT 37

Right_head Tilt 802.11b TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 44 seconds

Number of maxima: 1

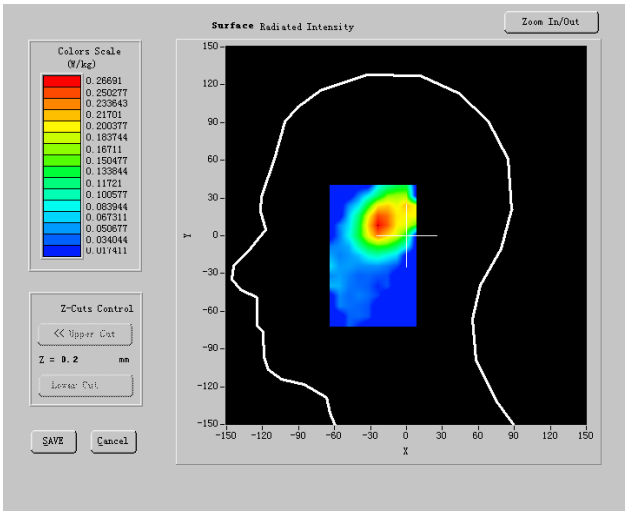
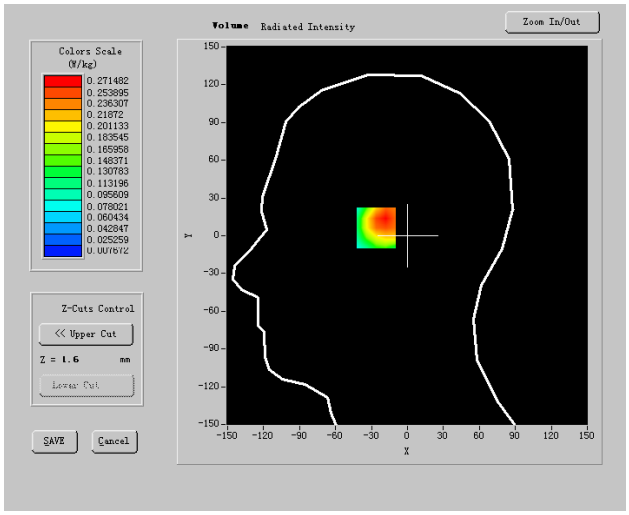
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-3.010000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.169913	0.197623	**0.183768**
SAR 1g	0.387402	0.450580	**0.418991**
SAR 10g Contiguous	0.260787	0.275186	0.267987

MEASUREMENT 38

Right_head Tilt 802.11b TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 12 minutes 42 seconds

Number of maxima: 1

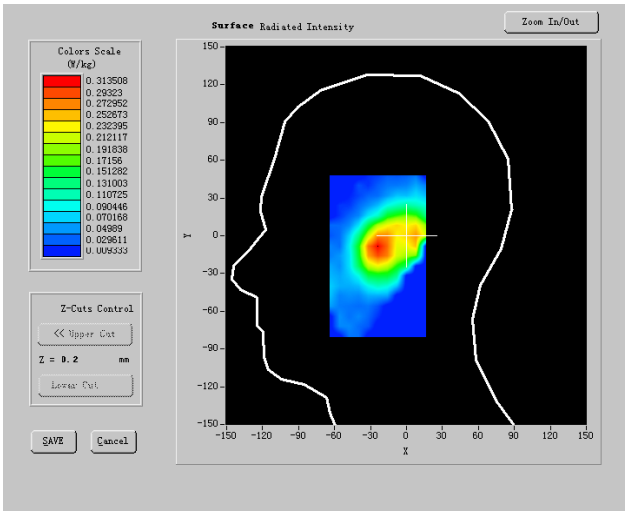
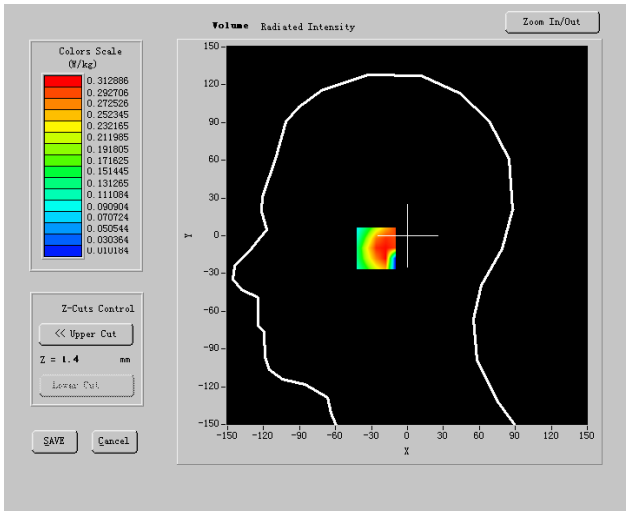
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	0.270000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.199303	0.230920	**0.215112**
SAR 1g	0.454411	0.526498	**0.490454**
SAR 10g Contiguous	0.297561	0.315532	0.306546

MEASUREMENT 39

Right_head Tilt 802.11b TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 21 seconds

Number of maxima: 1

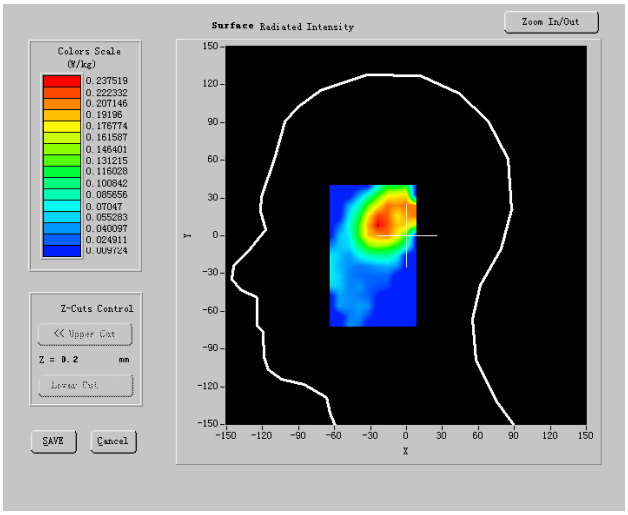
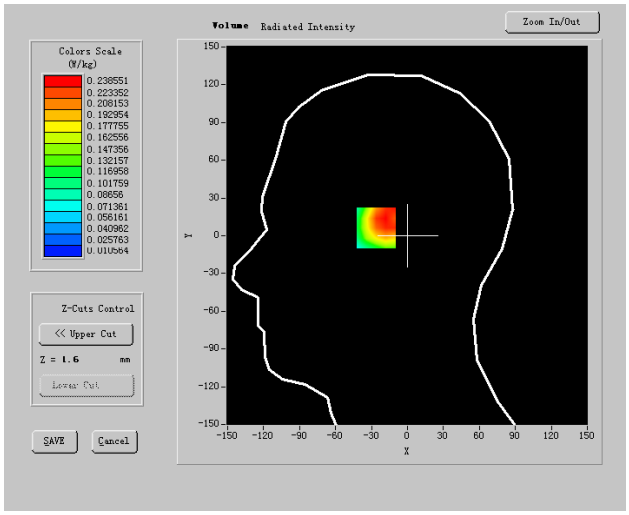
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.370000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.155332	0.181215	**0.168274**
SAR 1g	0.354157	0.413170	**0.383664**
SAR 10g Contiguous	0.234906	0.248459	0.241682

MEASUREMENT 40

Right_head Tilt 802.11b TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 13 minutes 18 seconds

Number of maxima: 1

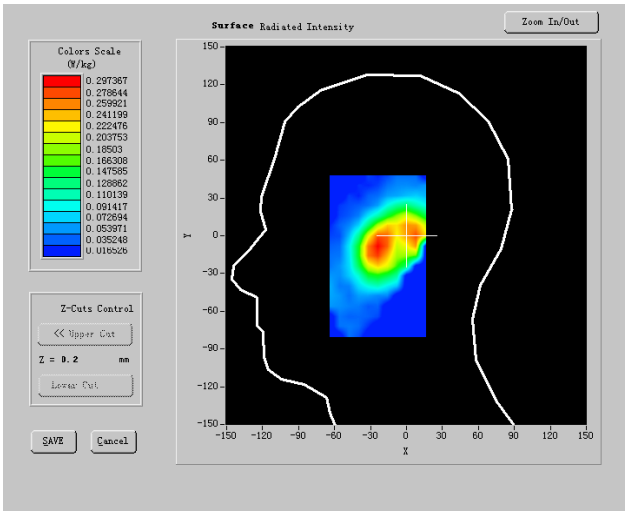
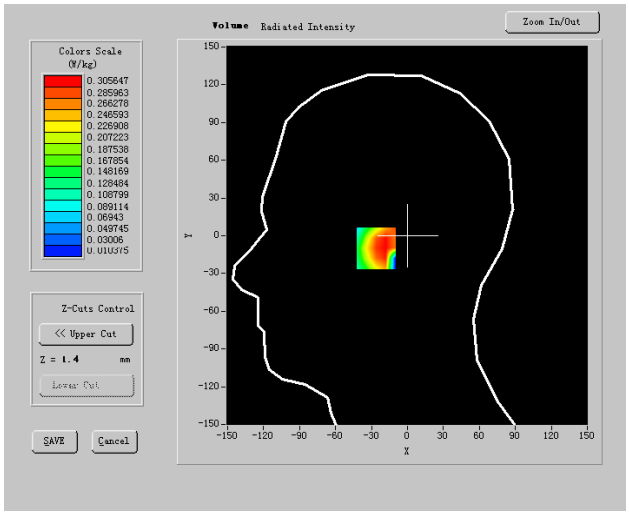
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf3.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	1.290000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.195479	0.225985	**0.210732**
SAR 1g	0.445692	0.515246	**0.480469**
SAR 10g Contiguous	0.298743	0.309626	0.304185

MEASUREMENT 41

Right_head Tilt 802.11b TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 11 minutes 44 seconds

Number of maxima: 1

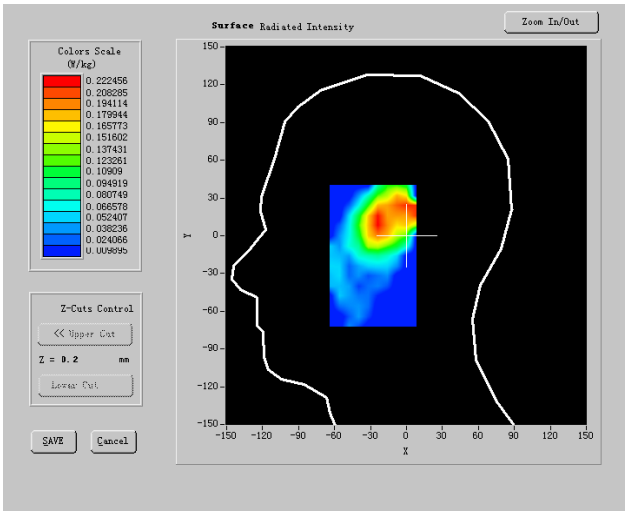
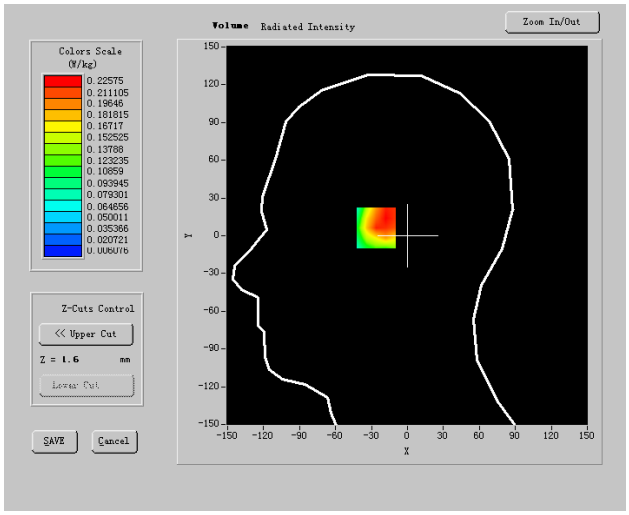
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.040000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.144309	0.170130	**0.157219**
SAR 1g	0.329025	0.387896	**0.358460**
SAR 10g Contiguous	0.221870	0.233953	0.227912

MEASUREMENT 42

Right_head Tilt 802.11g TX 2412MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 4 seconds

Number of maxima: 1

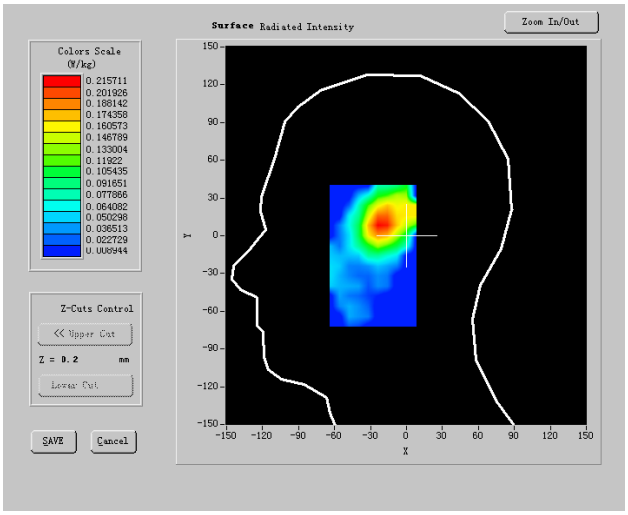
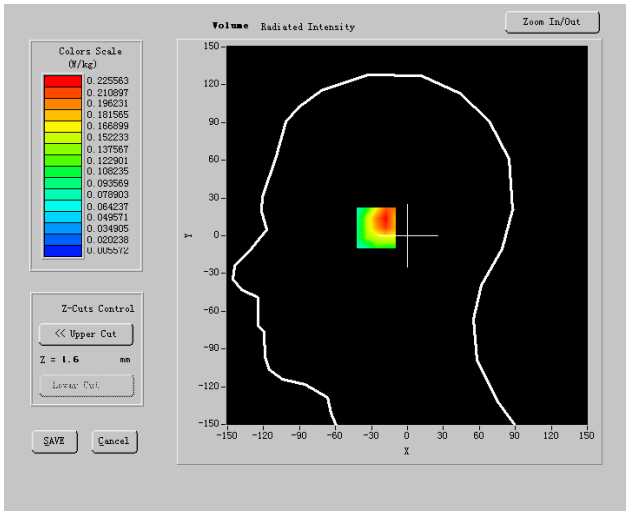
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-0.110000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.137145	0.162147	**0.149646**
SAR 1g	0.312691	0.369695	**0.341193**
SAR 10g Contiguous	0.205900	0.224256	0.215078

MEASUREMENT 43

Right_head Tilt 802.11g TX 2437MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 18 minutes 52 seconds

Number of maxima: 1

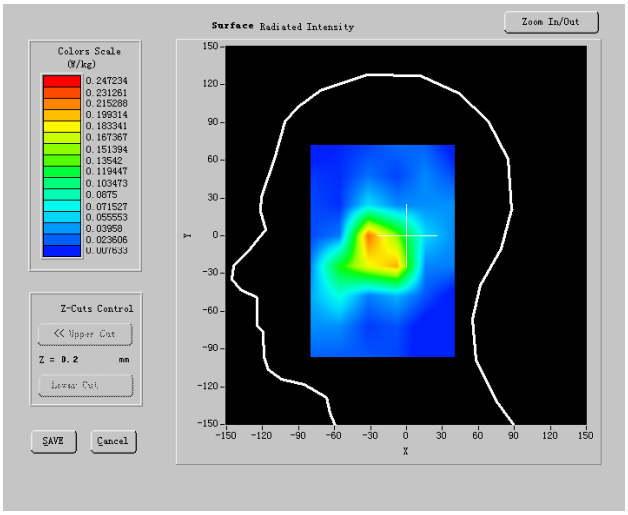
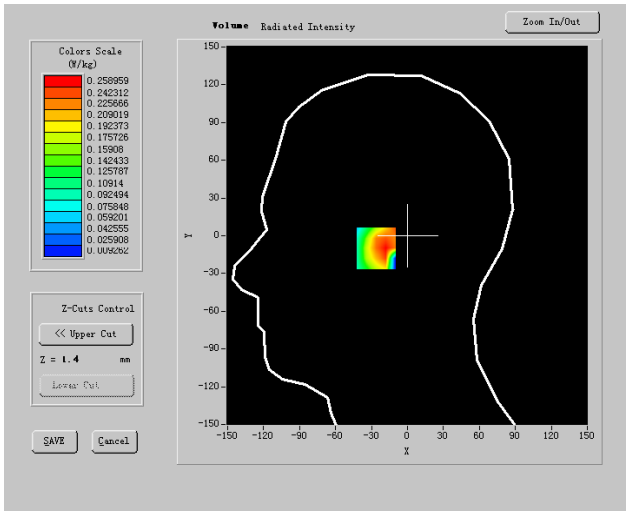
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf10.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-1.430000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.166309	0.187369	**0.176839**
SAR 1g	0.379185	0.427201	**0.403193**
SAR 10g Contiguous	0.243028	0.254315	0.248671

MEASUREMENT 44

Right_head Tilt 802.11g TX 2442MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 3 seconds

Number of maxima: 1

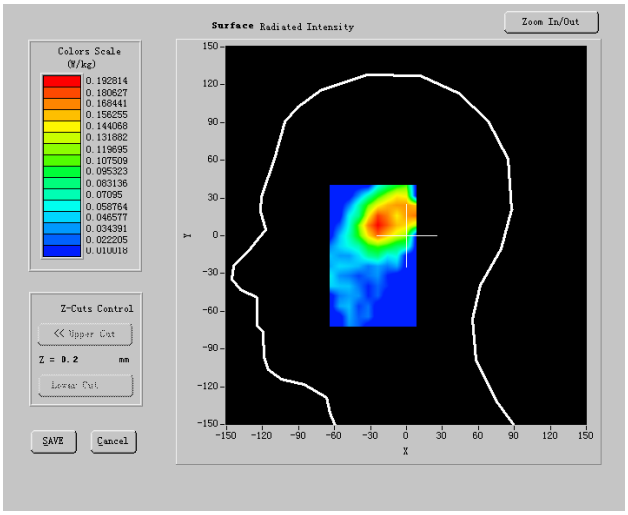
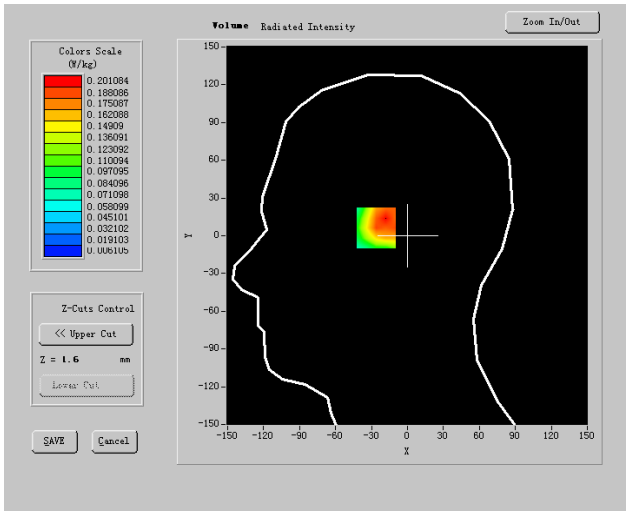
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-2.900000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.125446	0.146907	**0.136177**
SAR 1g	0.286017	0.334948	**0.310482**
SAR 10g Contiguous	0.195385	0.205501	0.200443

MEASUREMENT 45

Right_head Tilt 802.11g TX 2462MHz

Type: Phone measurement (Complete)

Date of measurement: 7/4/2006

Length of measurement: 14 minutes 48 seconds

Number of maxima: 1

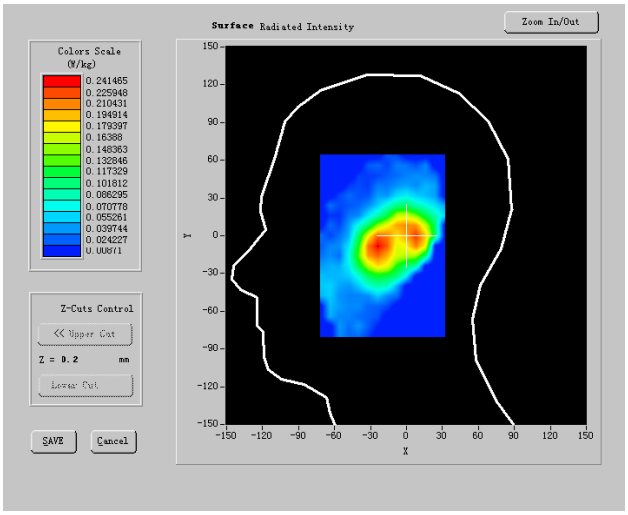
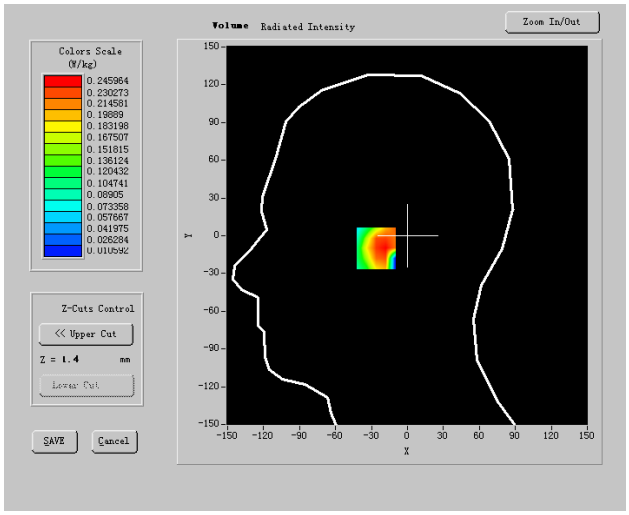
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf5.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	--

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.159016	0.180830	**0.169923**
SAR 1g	0.362556	0.412292	**0.387424**
SAR 10g Contiguous	0.238737	0.248835	0.243786

MEASUREMENT 46

Right_head Tilt 802.11g TX 2472MHz

Type: Phone measurement (Complete)

Date of measurement: 31/3/2006

Length of measurement: 12 minutes 6 seconds

Number of maxima: 1

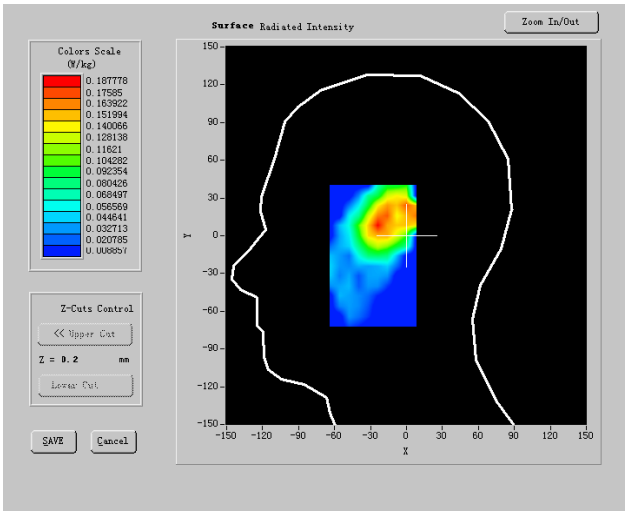
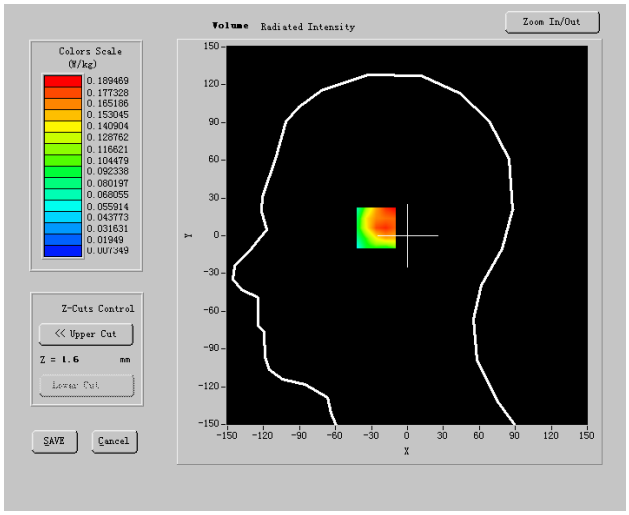
Mobile Phone IMEI number: --

A. Experimental conditions.

Phantom File	zinf1.txt
Phantom	Right head
Device Position	Tilt
Band	CUSTOM (Bluetooth)
Channels	--
Signal	Duty Cycle: 1.00

B. SAR Measurement Results

Frequency (MHz)	2442.000000
Relative permitivity (real part)	39.382000
Relative permitivity (imaginary part)	13.567050
Conductivity (S/m)	1.840596
Variation (%)	-4.720000

SURFACE SAR	**VOLUME SAR**
	

SAR (W/kg)	**Internal Surface**	**External Surface**	**Average**
SAR 10g	0.117452	0.137036	**0.127244**
SAR 1g	0.267791	0.312442	**0.290116**
SAR 10g Contiguous	0.184661	0.194205	0.189433