MEASUREMENT 1

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 17 seconds

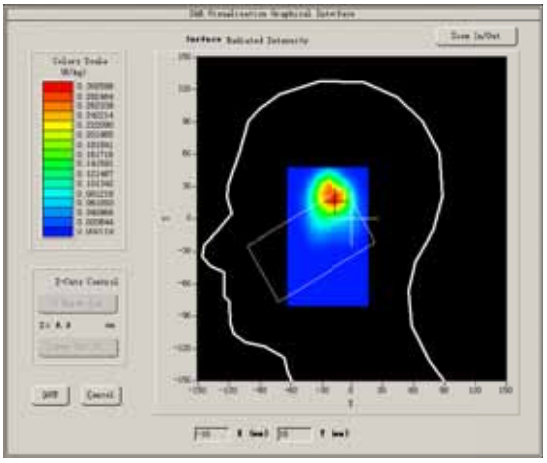
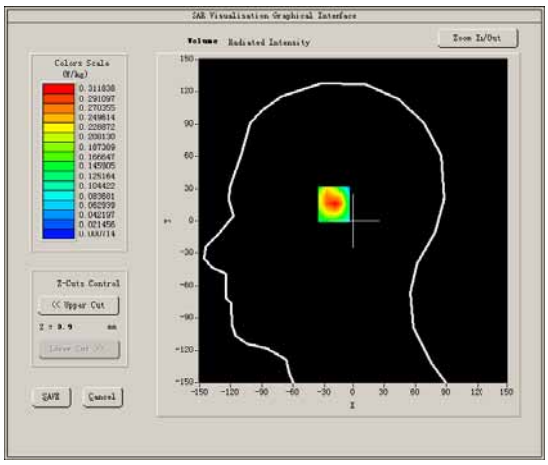
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	-0.430000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

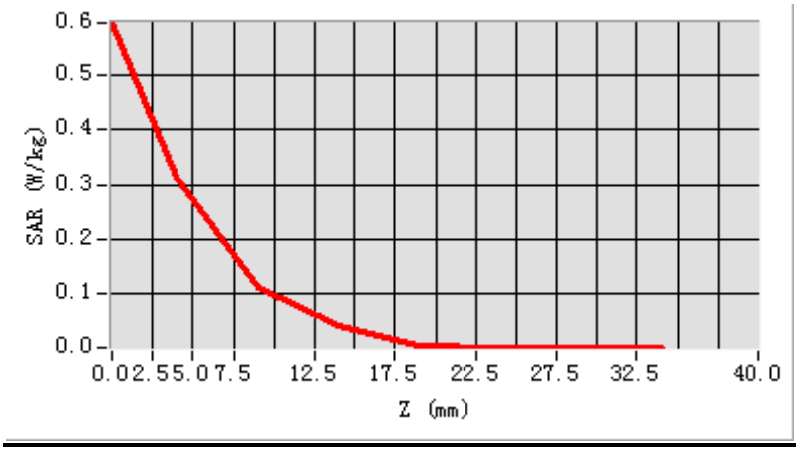
SURFACE SAR	VOLUME SAR
	

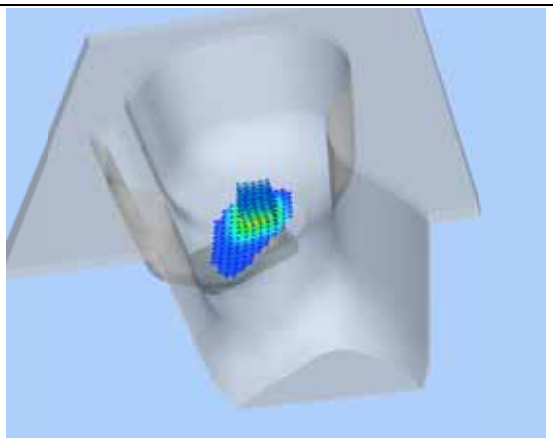
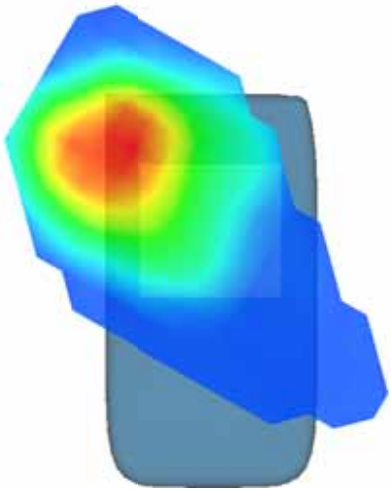
Maximum location: X=-17.00, Y=18.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.123618
SAR 1g (W/Kg)	0.295806

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 2

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 15 seconds

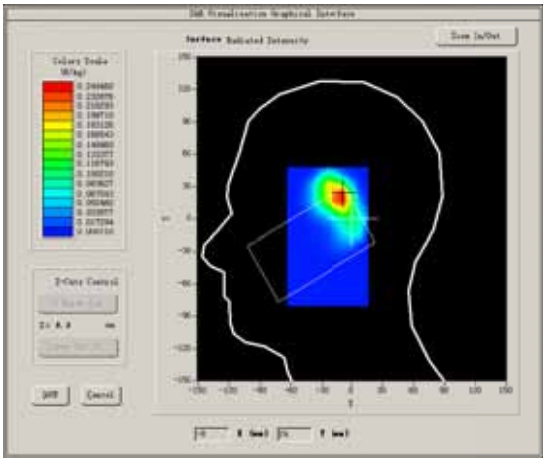
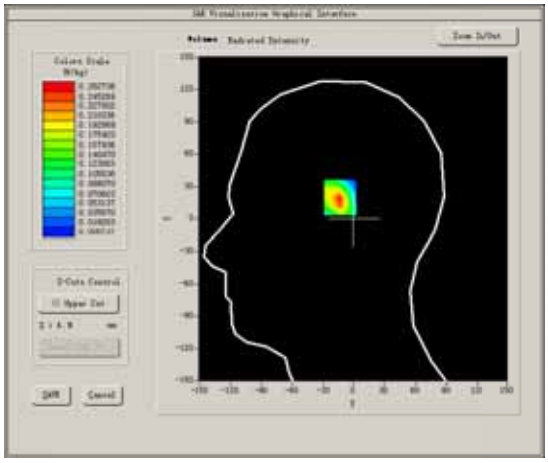
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

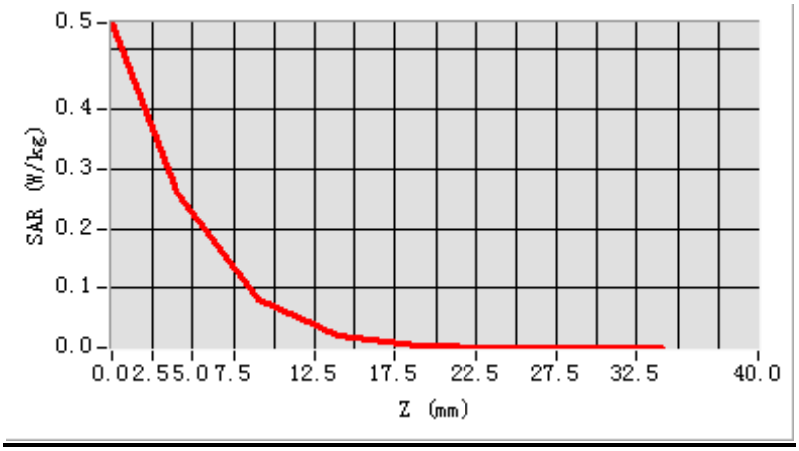
Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	-0.630000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

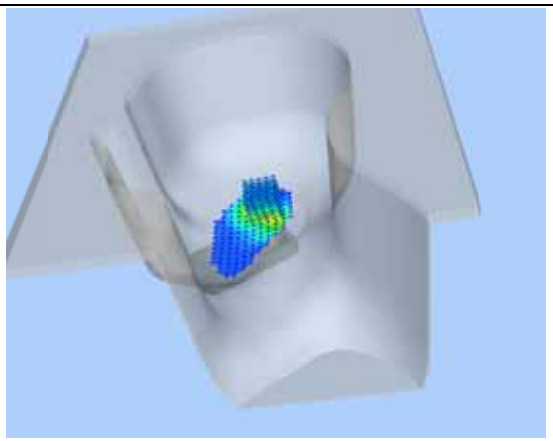
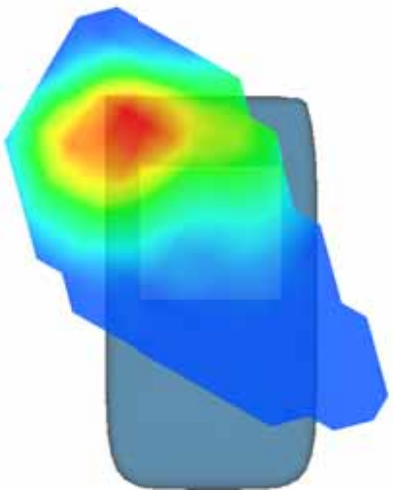
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=22.00
SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.096775
SAR 1g (W/Kg)	0.250900

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 3

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 17 seconds

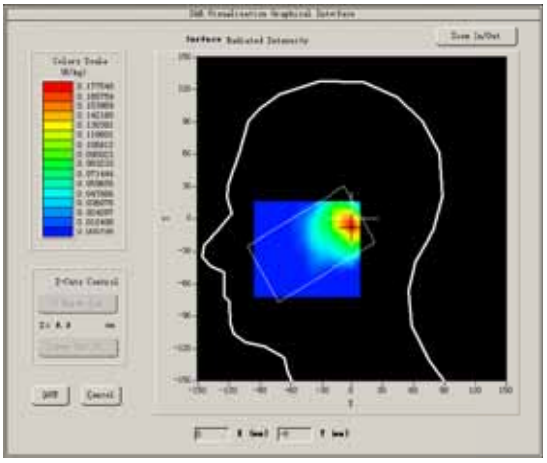
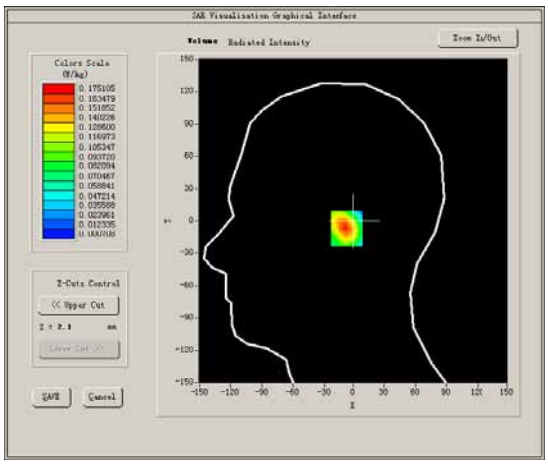
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

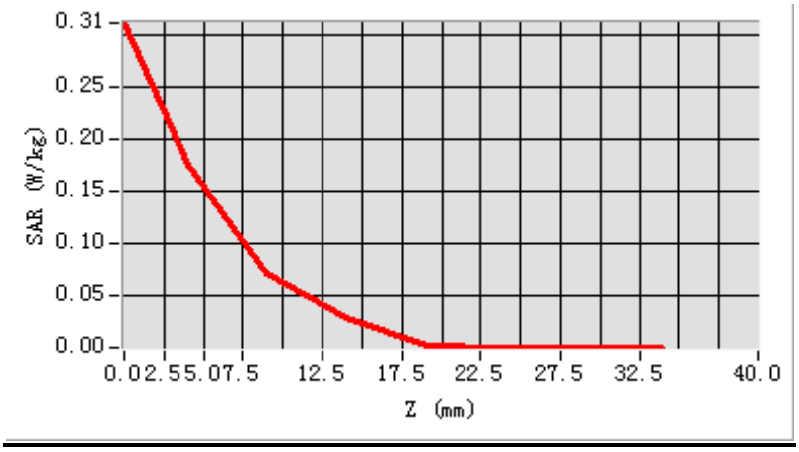
SURFACE SAR	VOLUME SAR
	

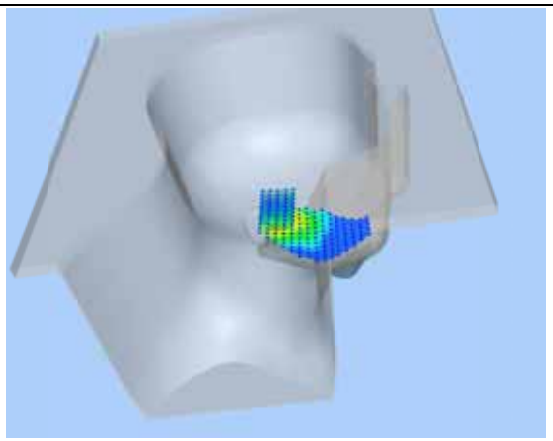
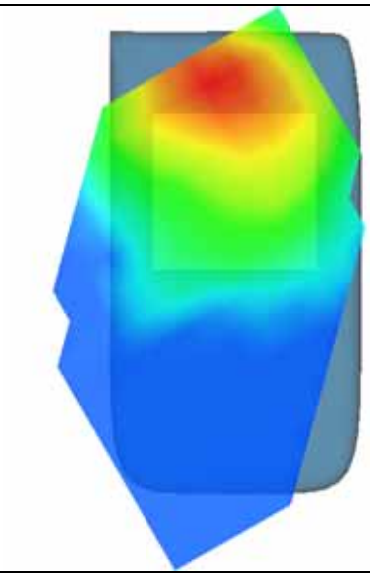
Maximum location: X=0.00, Y=-7.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.072870
SAR 1g (W/Kg)	0.164333

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 4

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 17 seconds

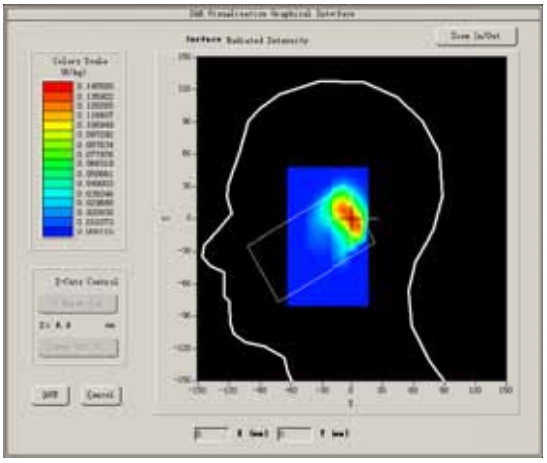
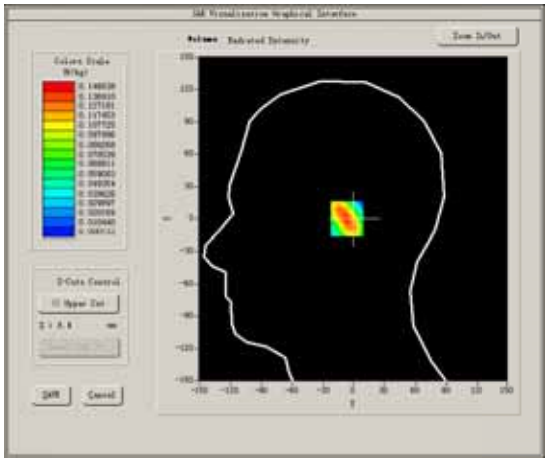
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	0.620000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

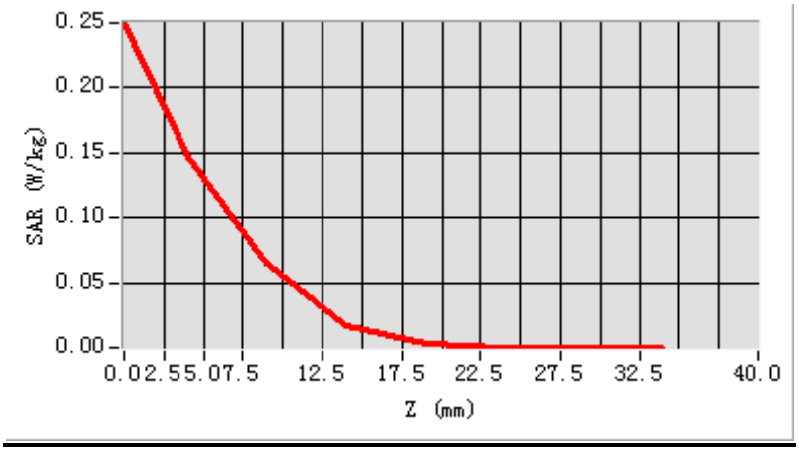
SURFACE SAR	VOLUME SAR
	

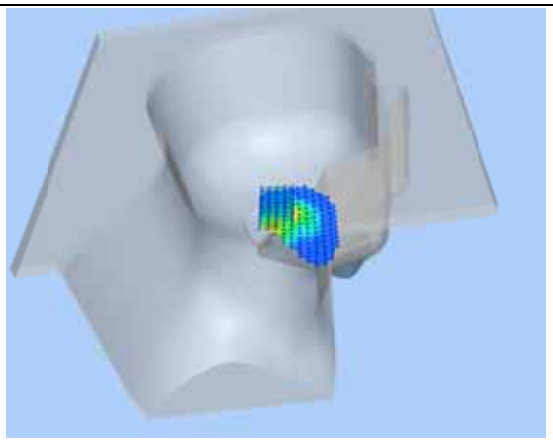
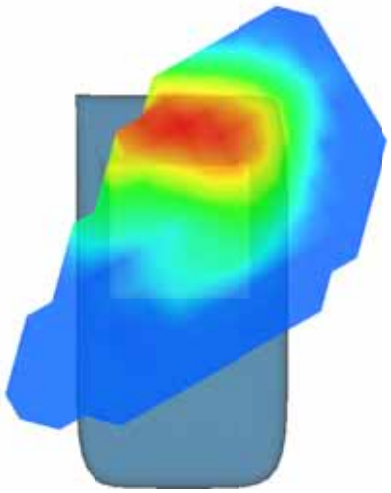
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.059199
SAR 1g (W/Kg)	0.135853

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 5

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 9 minutes 10 seconds

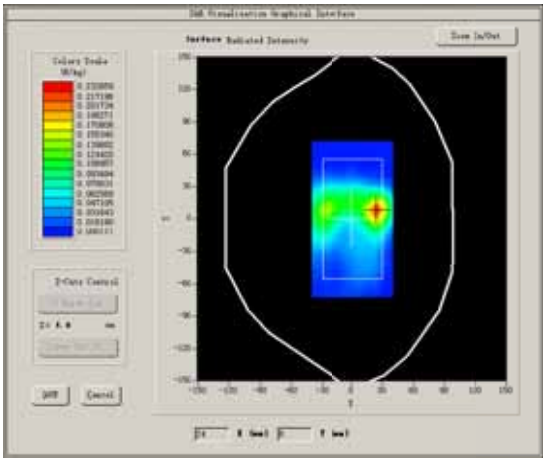
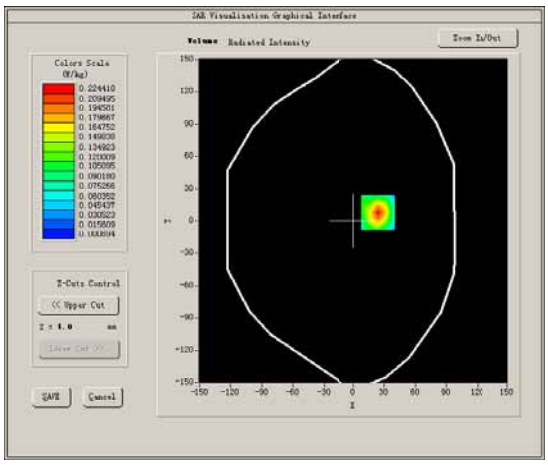
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

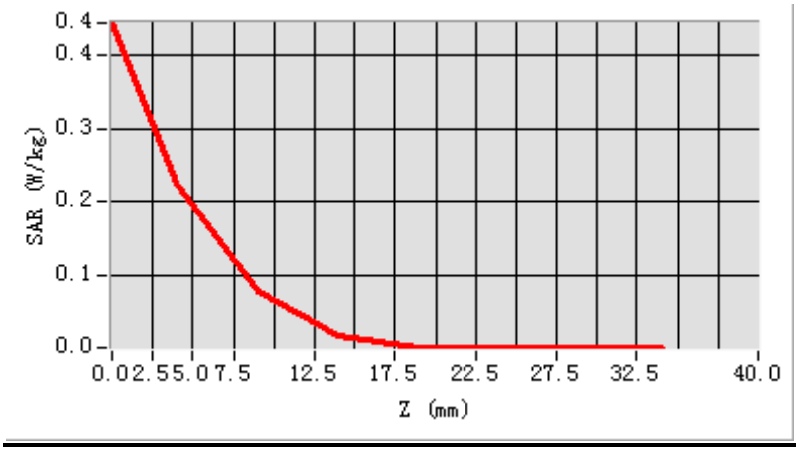
Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.458293
Conductivity (S/m)	1.916735
Power drift (%)	-1.710000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

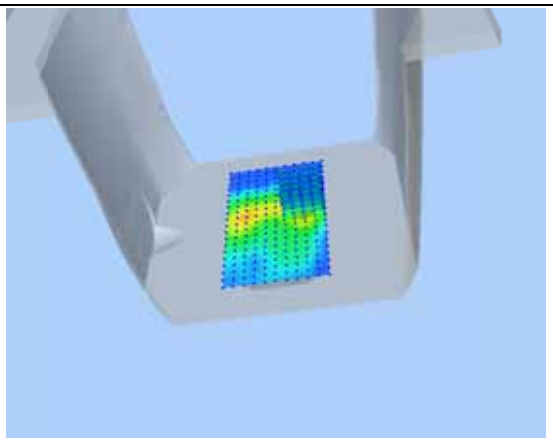
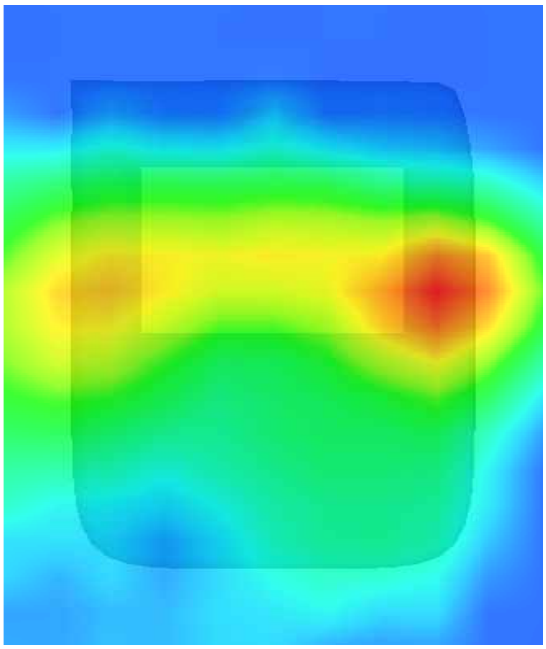
SURFACE SAR	VOLUME SAR
	

Maximum location: X=24.00, Y=8.00
SAR Peak: 0.47 W/kg

SAR 10g (W/Kg)	0.088900
SAR 1g (W/Kg)	0.227366

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 6

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 9 minutes 10 seconds

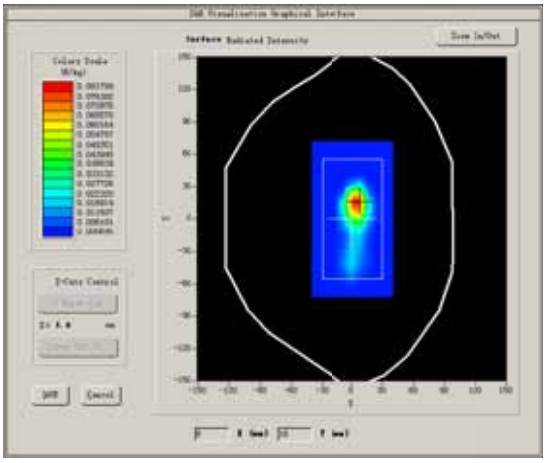
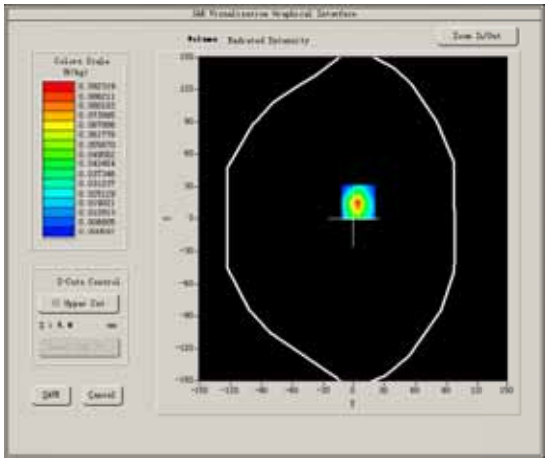
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.458293
Conductivity (S/m)	1.916735
Power drift (%)	-2.160000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

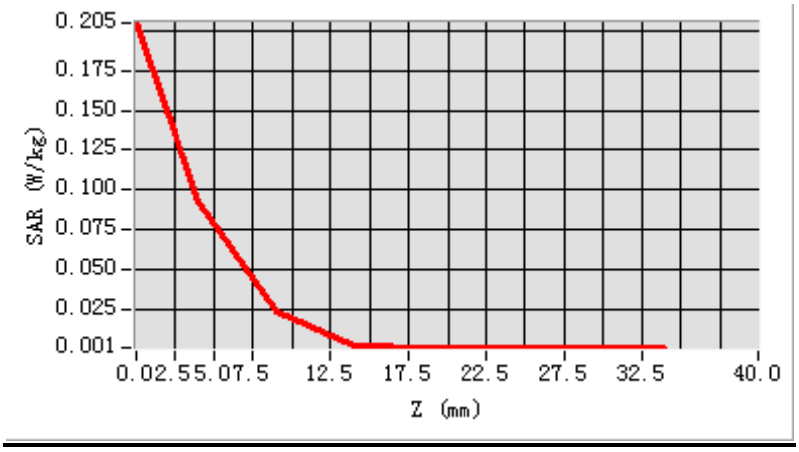
SURFACE SAR	VOLUME SAR
	

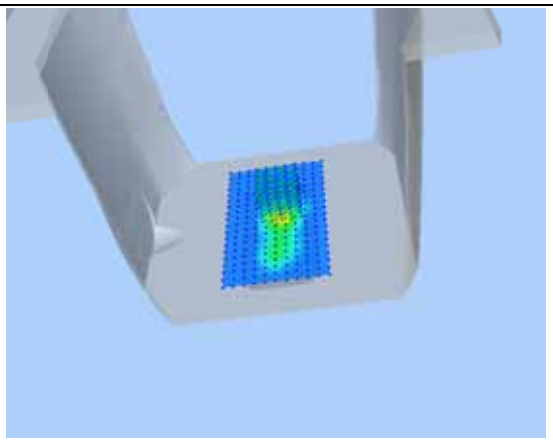
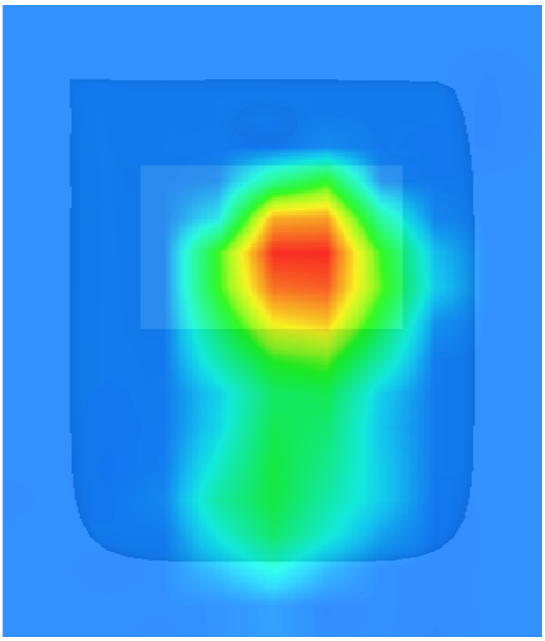
Maximum location: X=5.00, Y=15.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.029951
SAR 1g (W/Kg)	0.092602

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 9 minutes 10 seconds

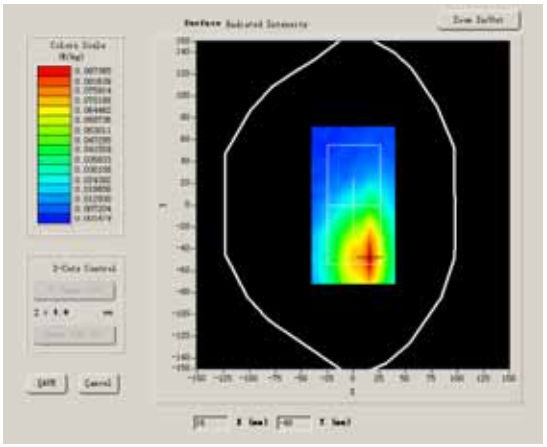
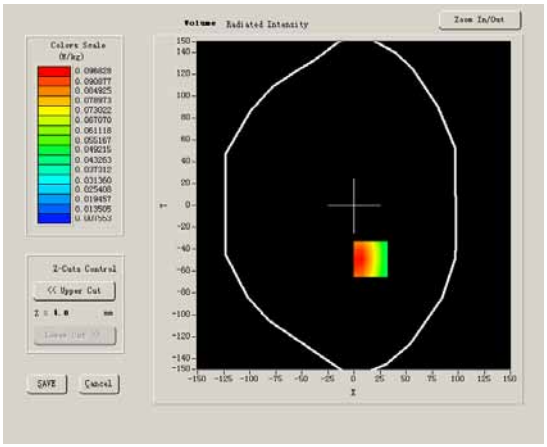
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

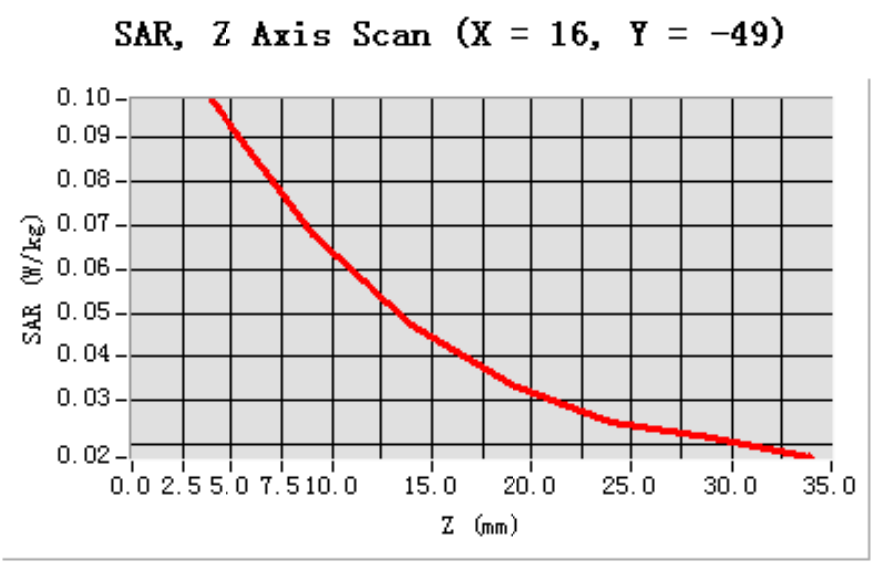
Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.458293
Conductivity (S/m)	1.916735
Power drift (%)	-1.910000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

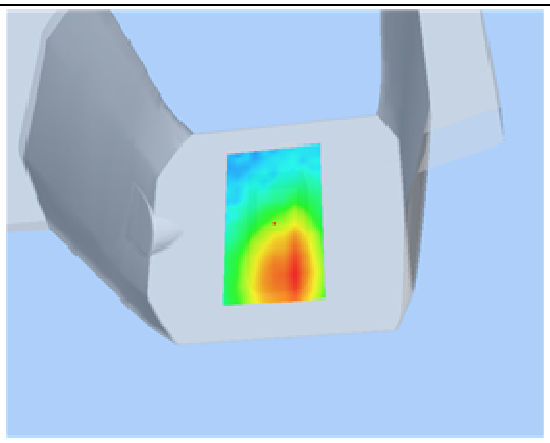
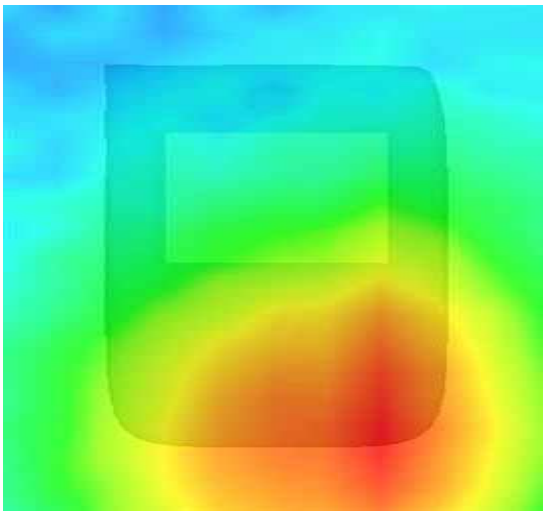
SURFACE SAR	VOLUME SAR
	

Maximum location: X=16.00, Y=-49.00

SAR 10g (W/Kg)	0.074194
SAR 1g (W/Kg)	0.108467

Z Axis Scan



3D sceen shot	Hot spot position
	

MEASUREMENT 8

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 9 minutes 10 seconds

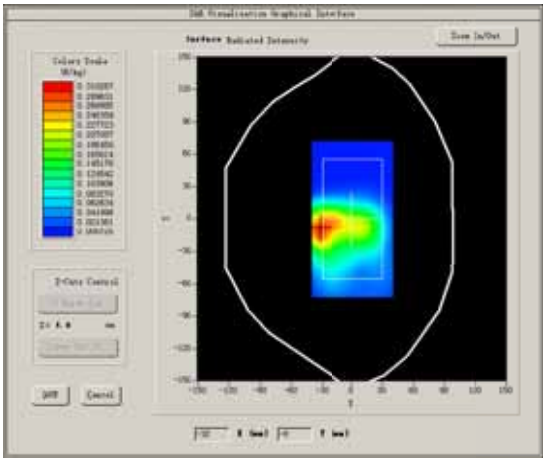
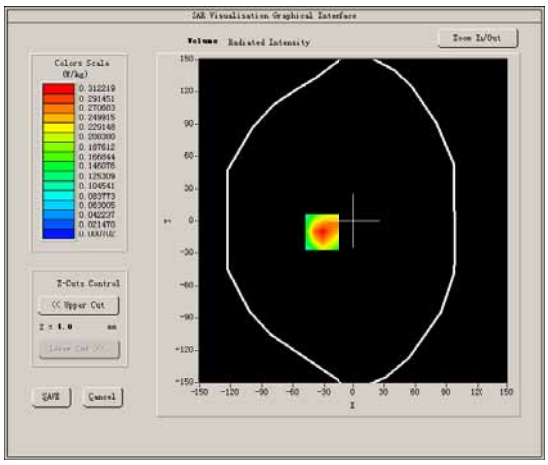
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

B. SAR Measurement Results

Lower Band SAR (Channel 1)

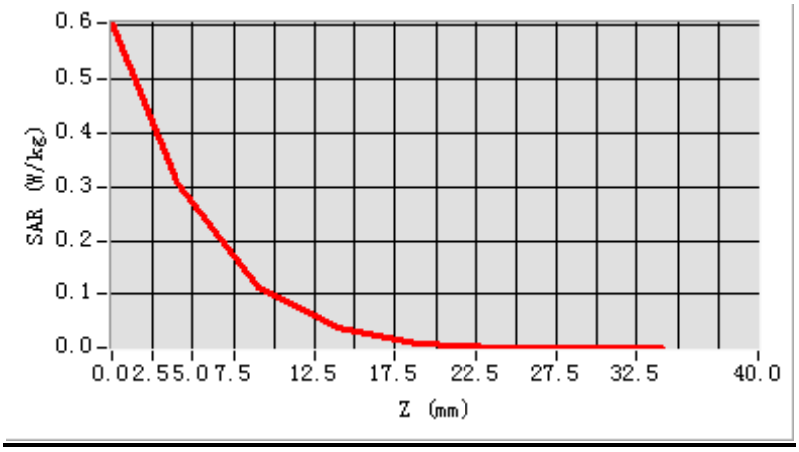
Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.458293
Conductivity (S/m)	1.916735
Power drift (%)	-1.810000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

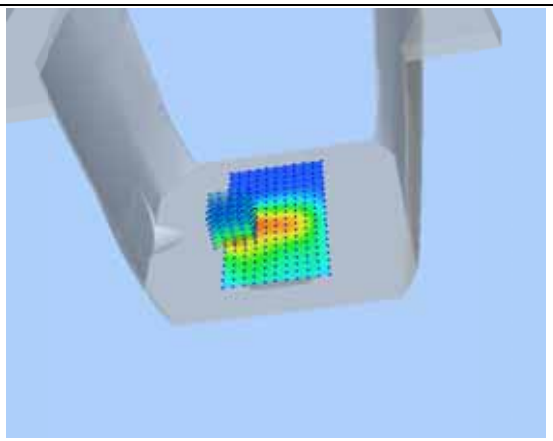
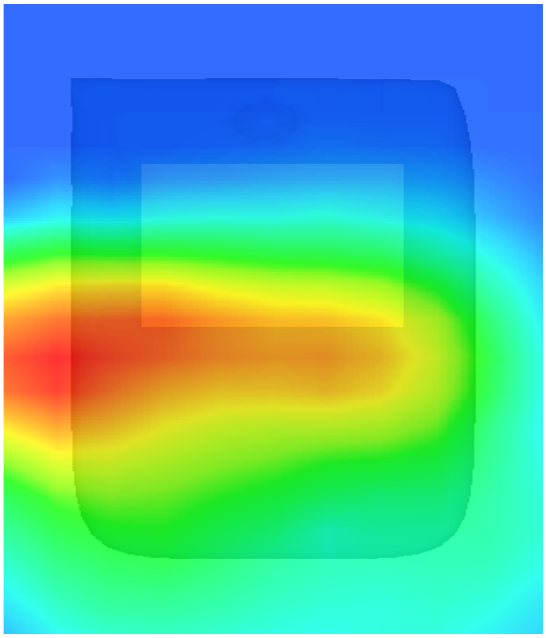
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-32.00, Y=-10.00
SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.143651
SAR 1g (W/Kg)	0.327719

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 9

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 17 seconds

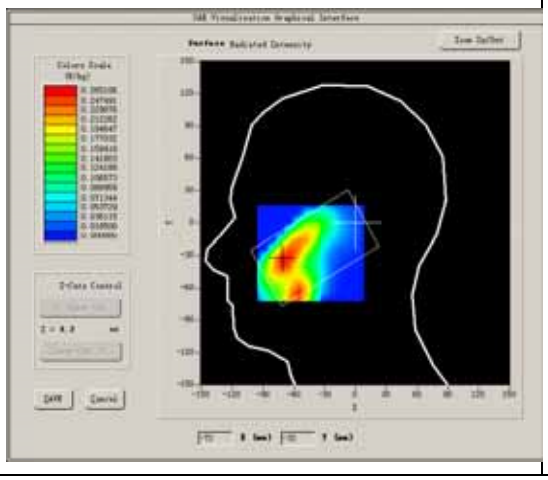
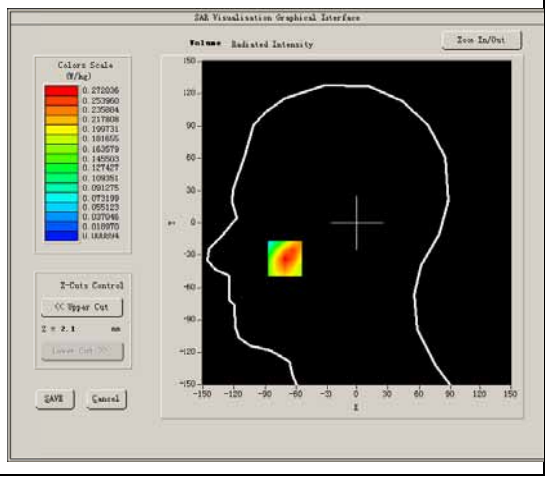
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	Bluetooth
Channels	Middle
Signal	8-DPSK

B. SAR Measurement Results

Middle Band SAR (Channel 39)

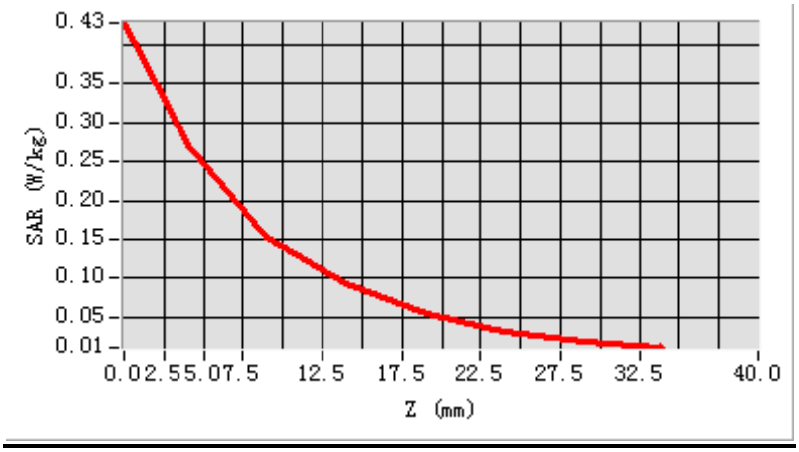
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	-1.020000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

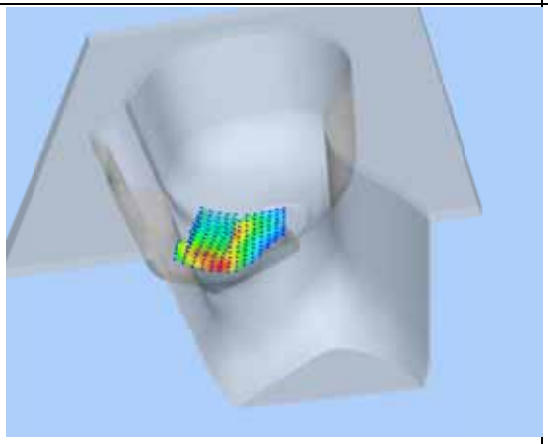
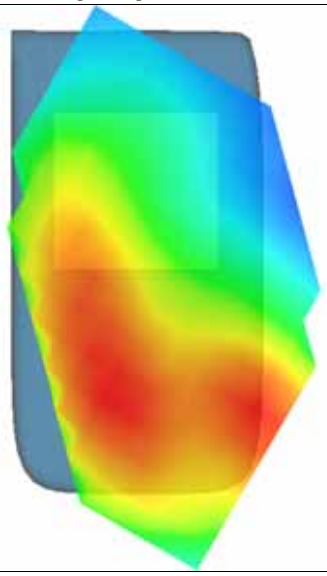
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-71.00, Y=-33.00
SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.144556
SAR 1g (W/Kg)	0.258541

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 10

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 15 seconds

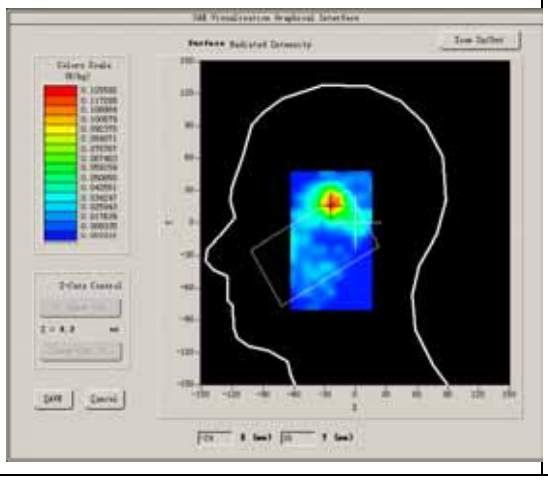
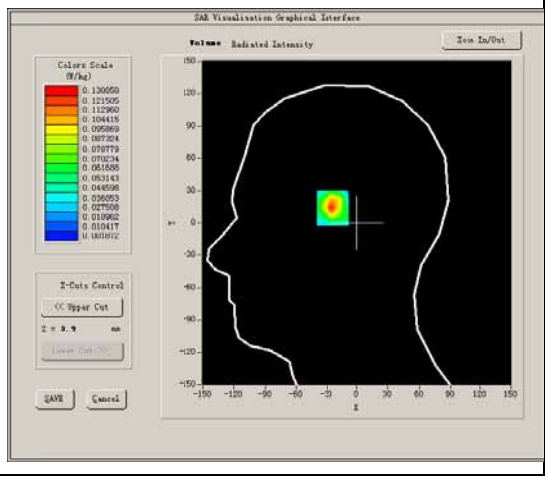
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	Bluetooth
Channels	Middle
Signal	8-DPSK

B. SAR Measurement Results

Middle Band SAR (Channel 39)

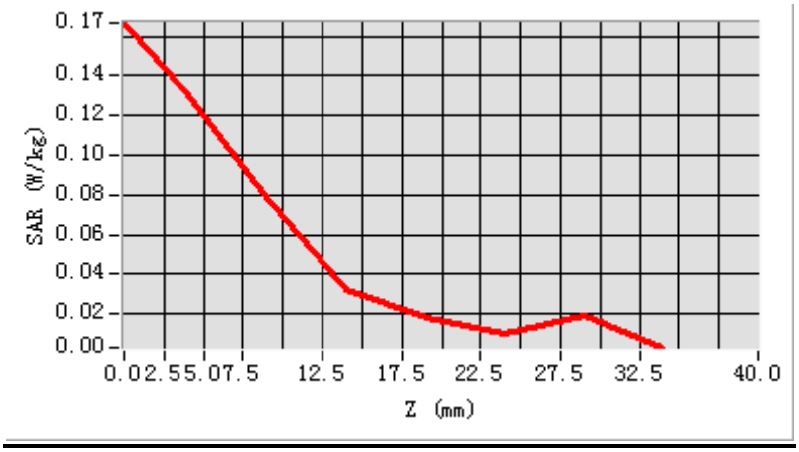
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	-1.030000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

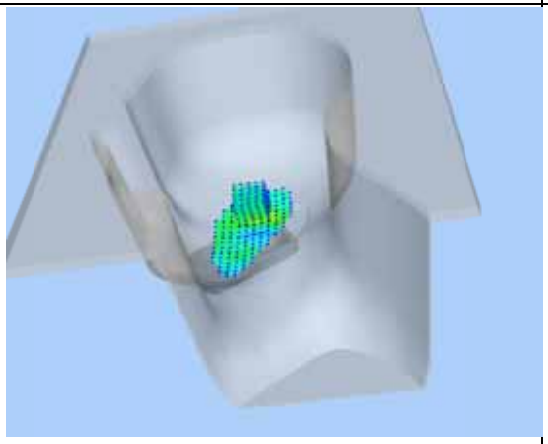
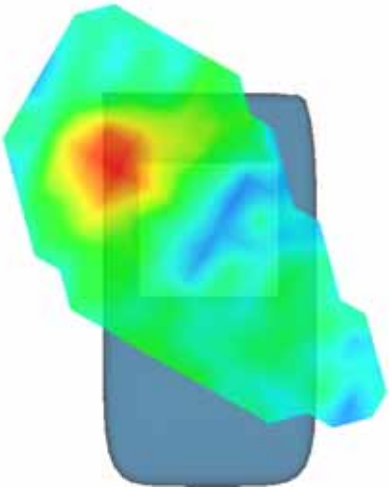
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-23.00, Y=17.00
SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.056730
SAR 1g (W/Kg)	0.116387

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 11

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

Measurement duration: 8 minutes 17 seconds

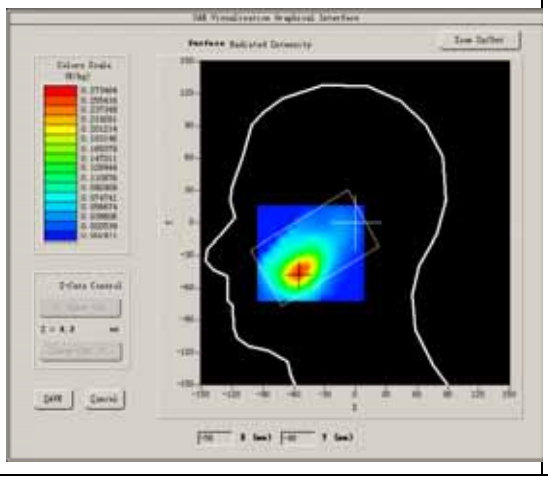
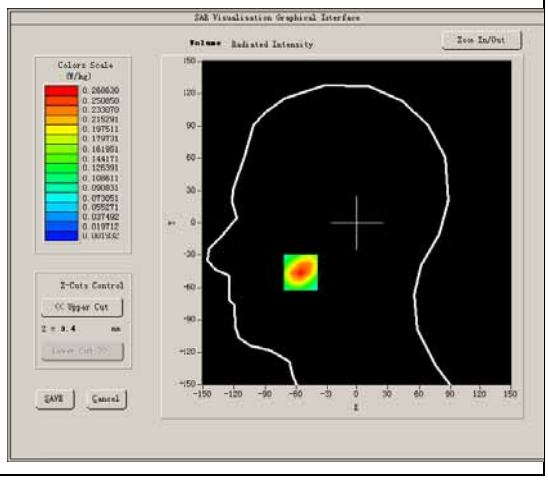
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	Bluetooth
Channels	Middle
Signal	8-DPSK

B. SAR Measurement Results

Middle Band SAR (Channel 39)

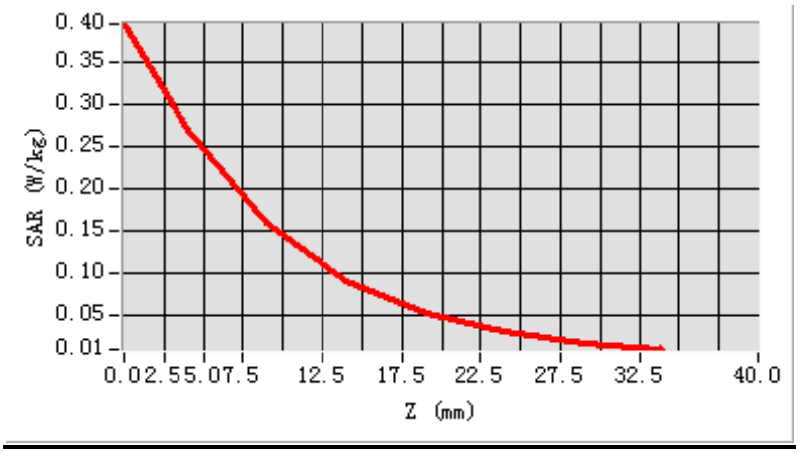
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	-0.190000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

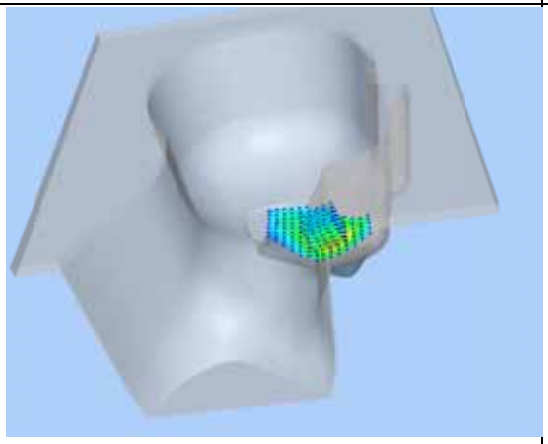
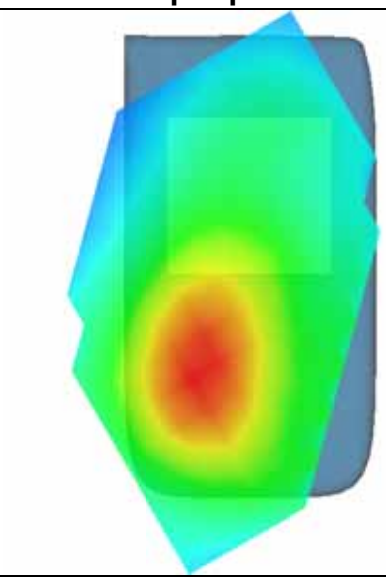
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-56.00, Y=-46.00
SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.136641
SAR 1g (W/Kg)	0.251139

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 12

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm

Date of measurement: 2014.4.24

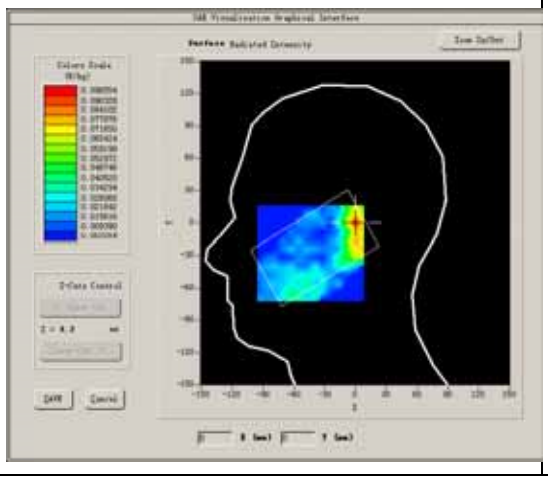
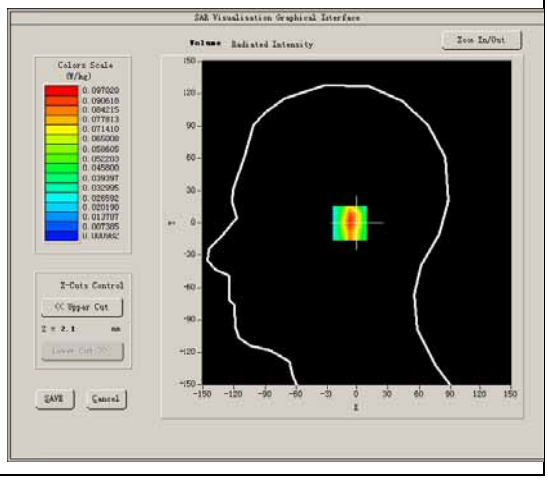
Measurement duration: 8 minutes 17 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	Bluetooth
Channels	Middle
Signal	8-DPSK

B. SAR Measurement Results

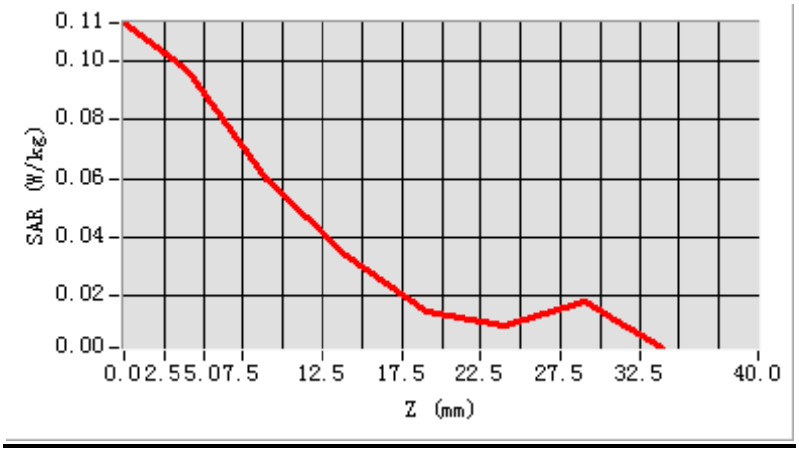
Middle Band SAR (Channel 39)

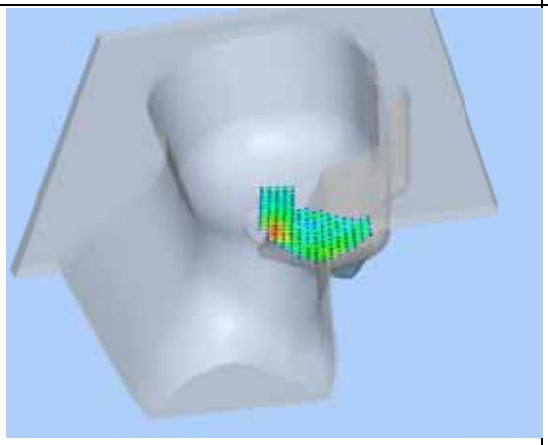
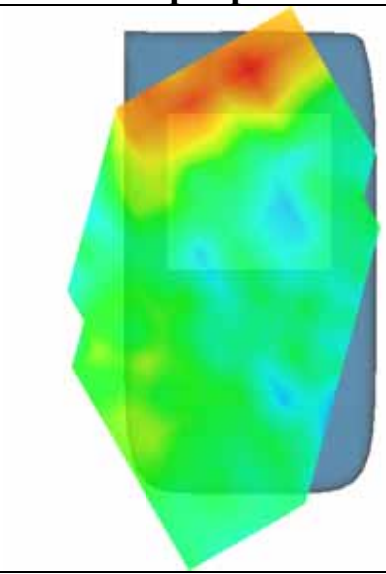
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.000000
Conductivity (S/m)	1.7700000
Power drift (%)	-0.270000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=0.00, Y=0.00
SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.045929
SAR 1g (W/Kg)	0.090231

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 13

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

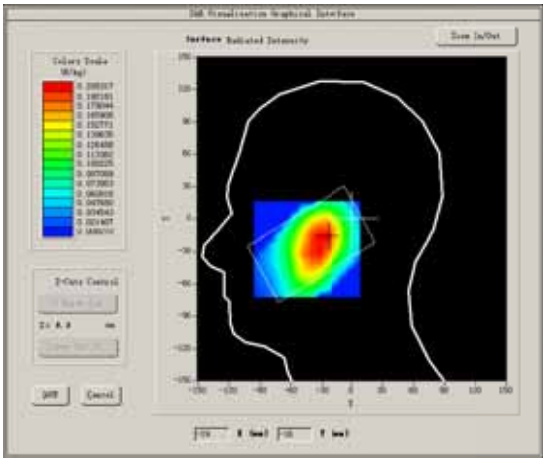
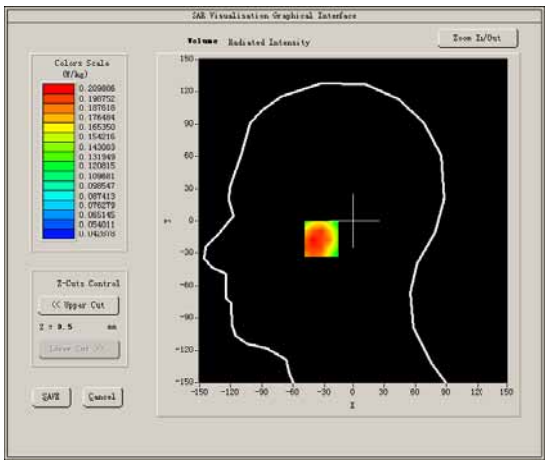
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

Higher Band SAR (Channel 48)

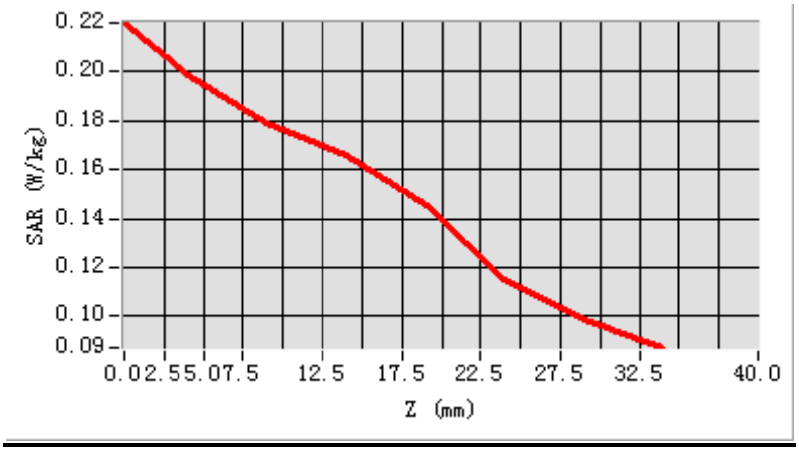
Frequency (MHz)	5240.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	-1.430000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

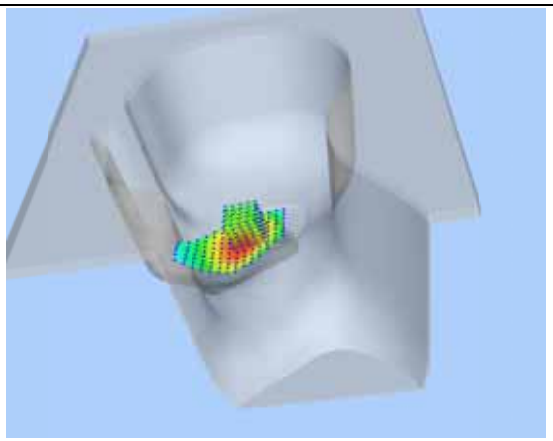
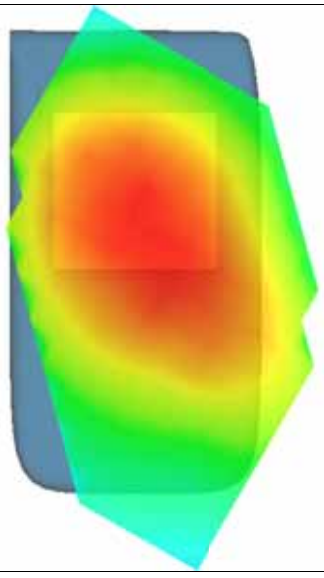
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-27.00, Y=-17.00
SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.169725
SAR 1g (W/Kg)	0.209568

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 14

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 15 seconds

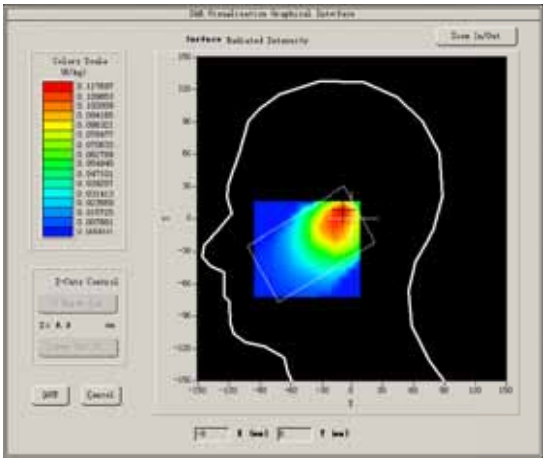
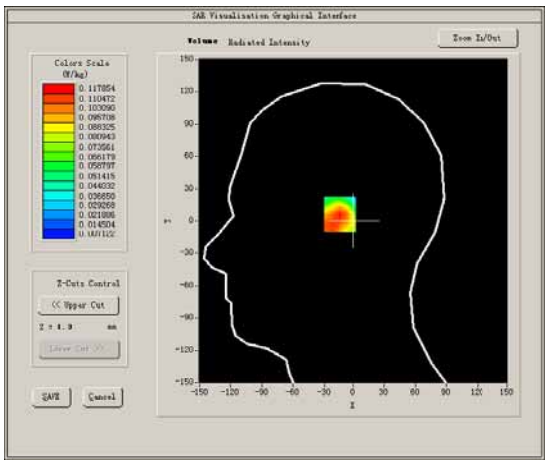
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

Higher Band SAR (Channel 48)

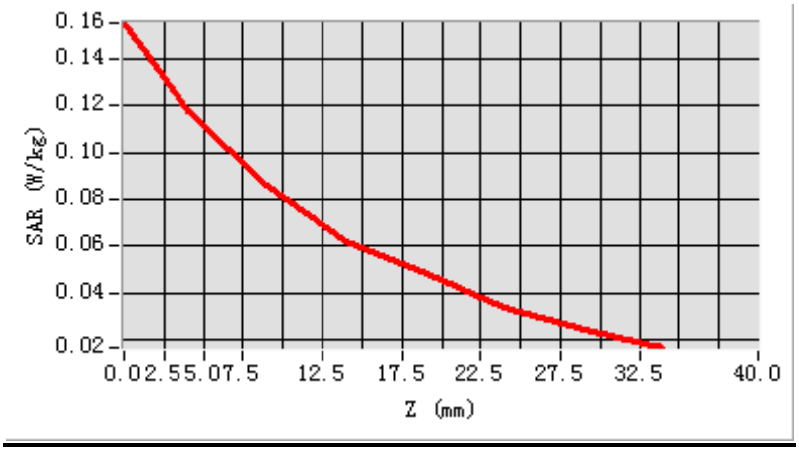
Frequency (MHz)	5240.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	-0.630000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

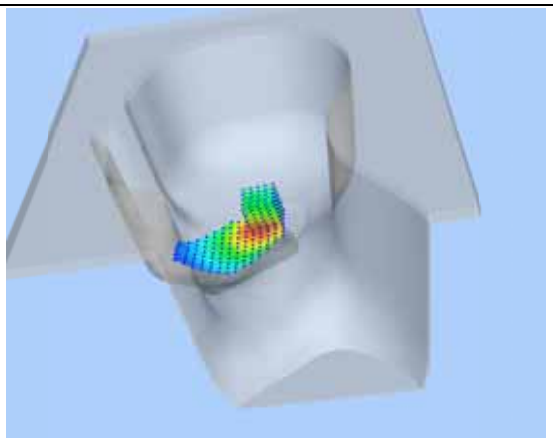
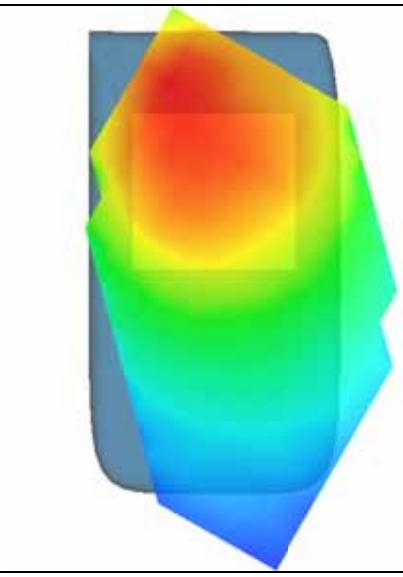
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-9.00, Y=6.00
SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.079206
SAR 1g (W/Kg)	0.113823

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 15

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

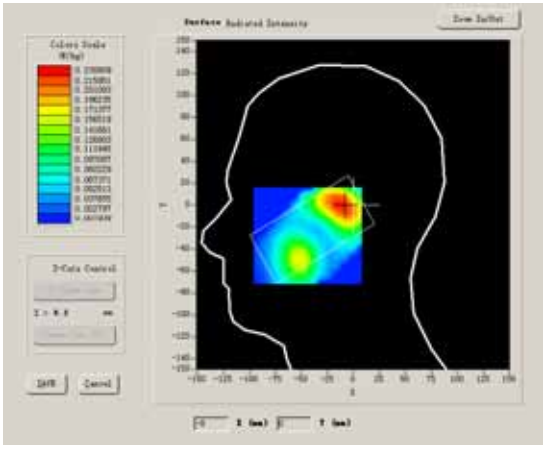
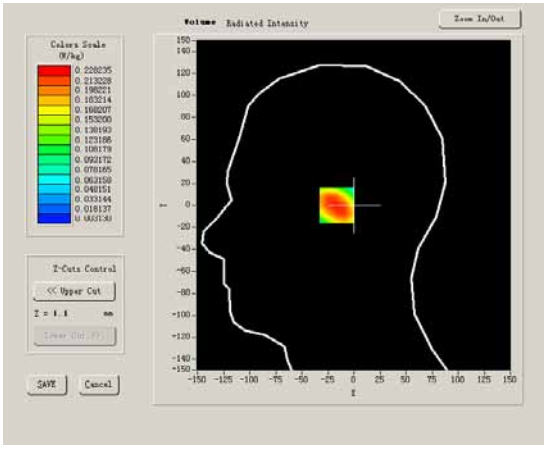
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

Higher Band SAR (Channel 48)

Frequency (MHz)	5240.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

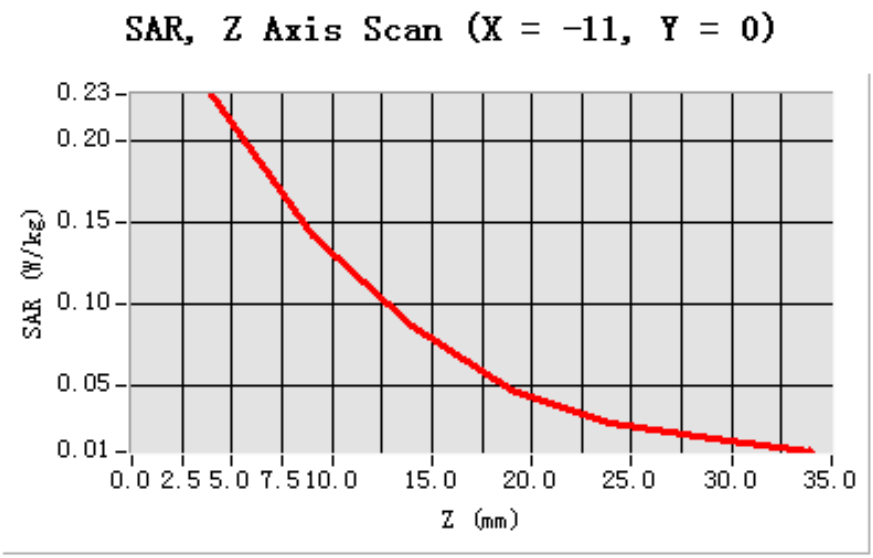
SURFACE SAR	VOLUME SAR
	

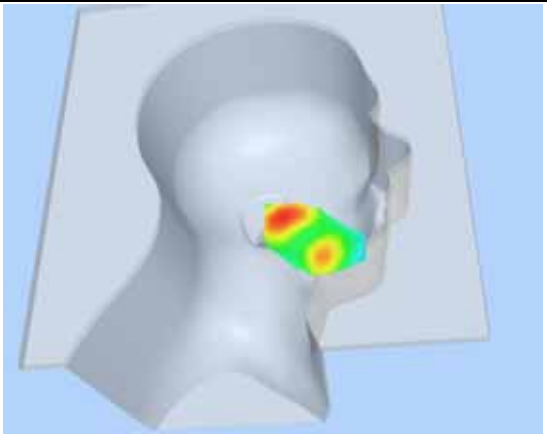
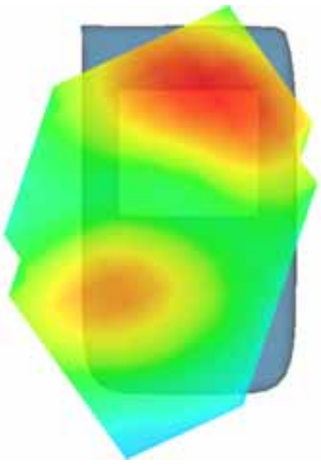
Maximum location: X=-11.00, Y=0.00

SAR 10g (W/Kg)	0.127970
SAR 1g (W/Kg)	0.217543

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	0.2282	0.1412	0.0862	0.0474	0.0276	0.0171



3D sceen shot	Hot spot position
	

MEASUREMENT 16

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

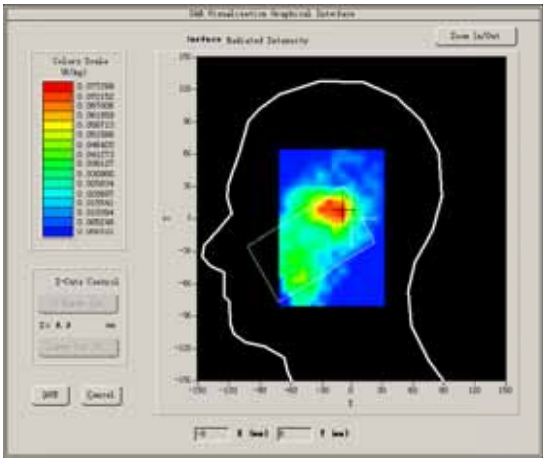
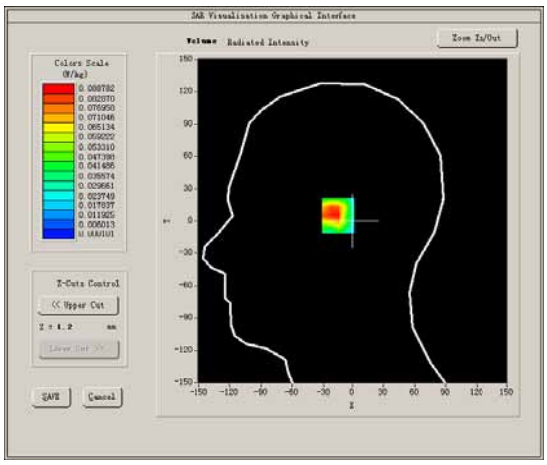
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

Higher Band SAR (Channel 48)

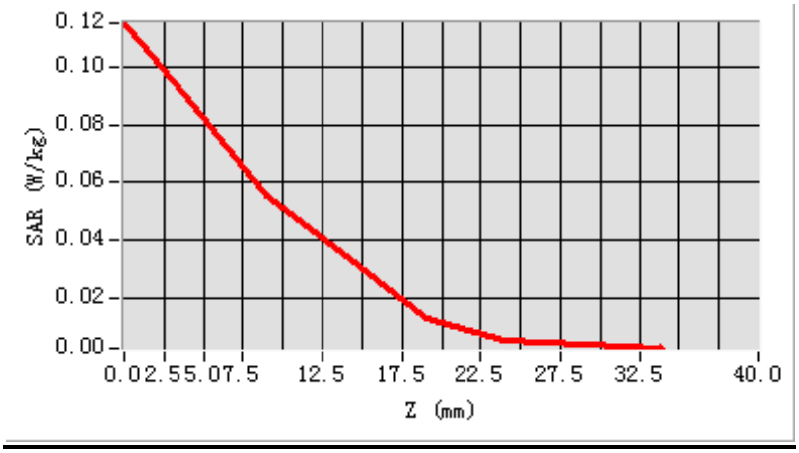
Frequency (MHz)	5240.000000
Relative permittivity (real part)	34.018247
Conductivity (S/m)	5.351094
Power drift (%)	0.620000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

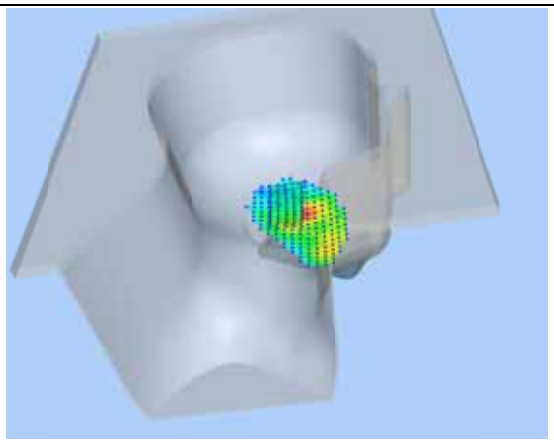
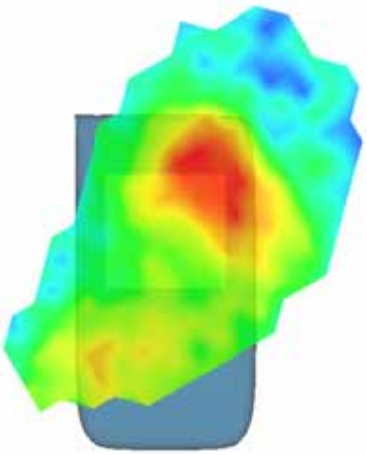
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=5.00
SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.045562
SAR 1g (W/Kg)	0.090371

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 17

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

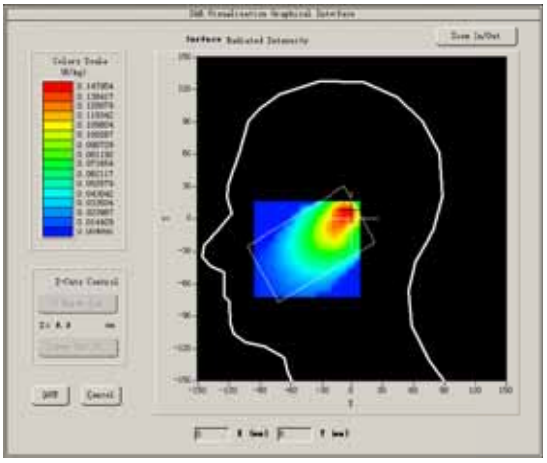
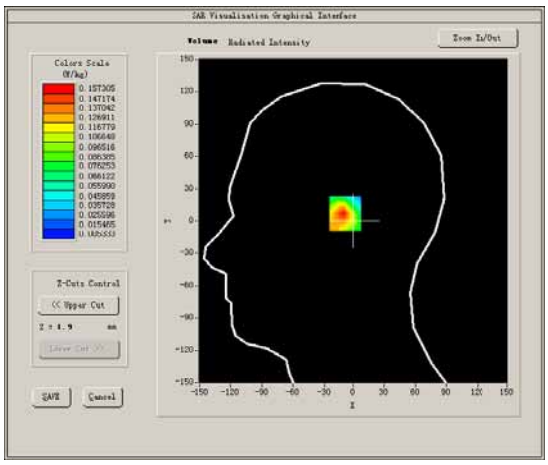
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 64):

Frequency (MHz)	5320.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	-1.430000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

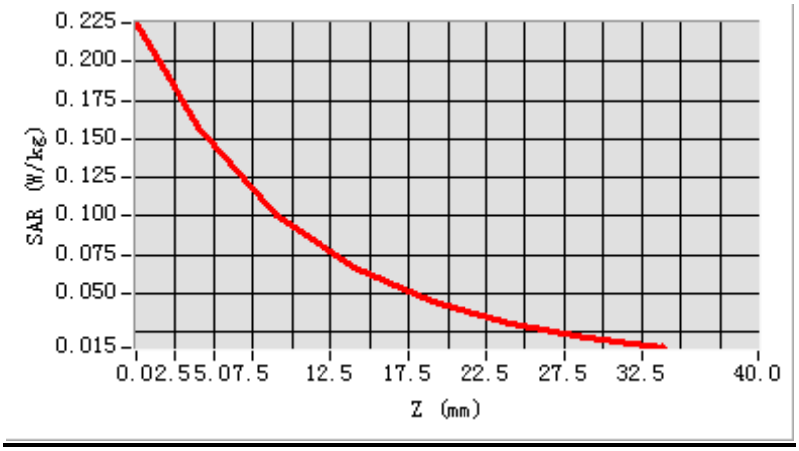
SURFACE SAR	VOLUME SAR
	

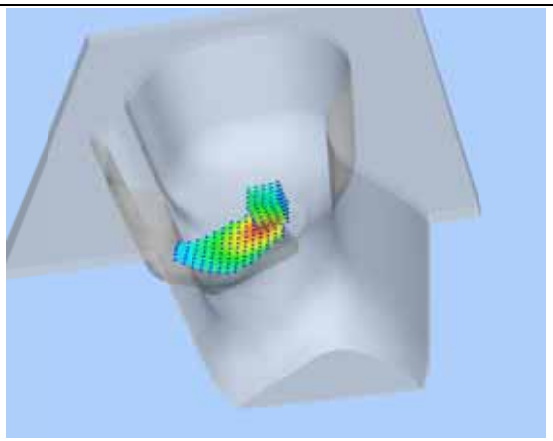
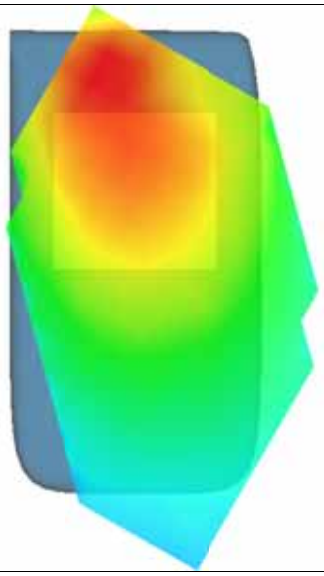
Maximum location: X=-3.00, Y=7.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.092971
SAR 1g (W/Kg)	0.147132

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 18

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 15 seconds

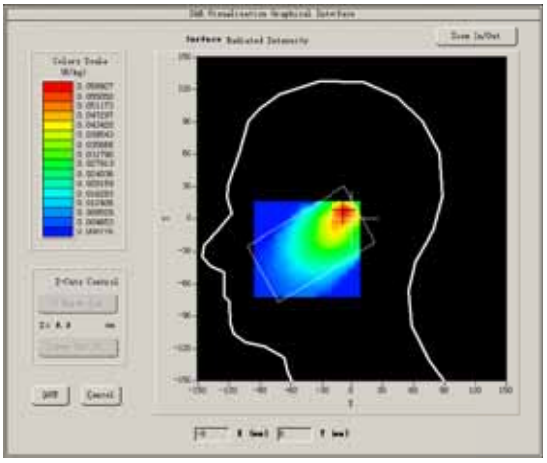
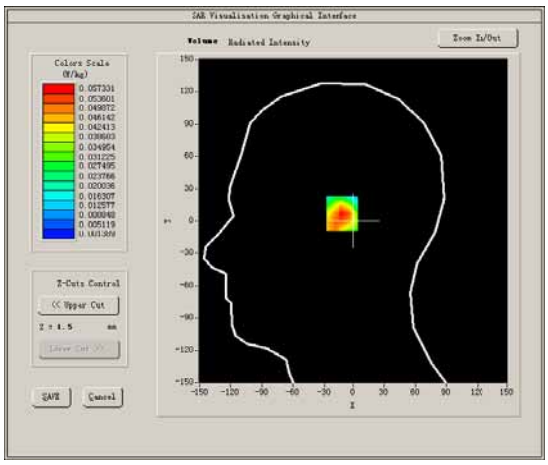
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 64)

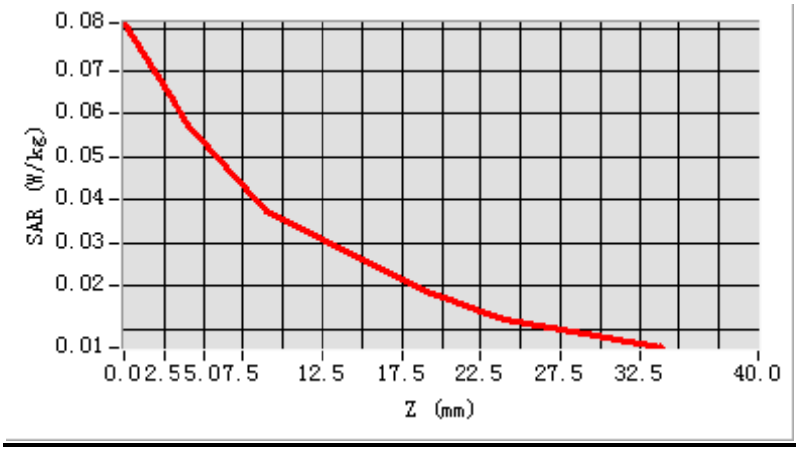
Frequency (MHz)	5320.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	-0.630000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

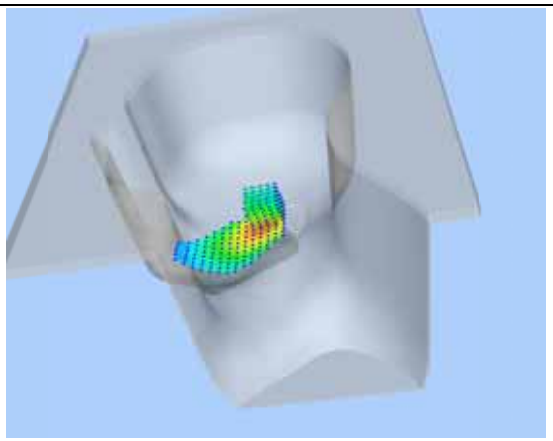
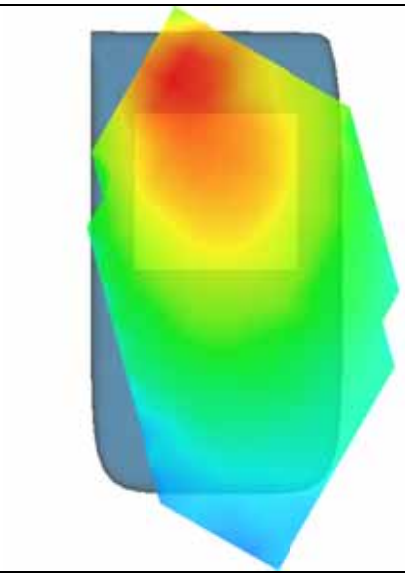
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-7.00, Y=7.00
SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.036244
SAR 1g (W/Kg)	0.055577

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 19

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

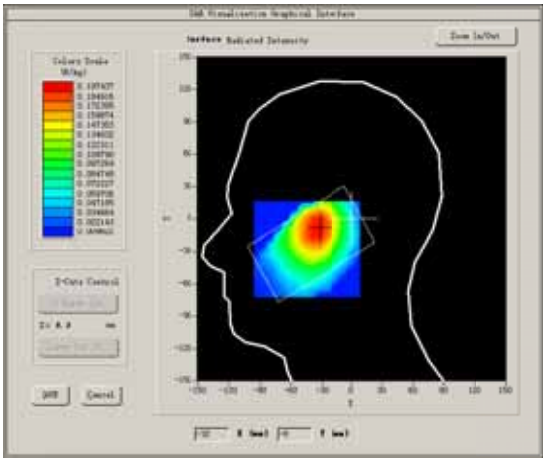
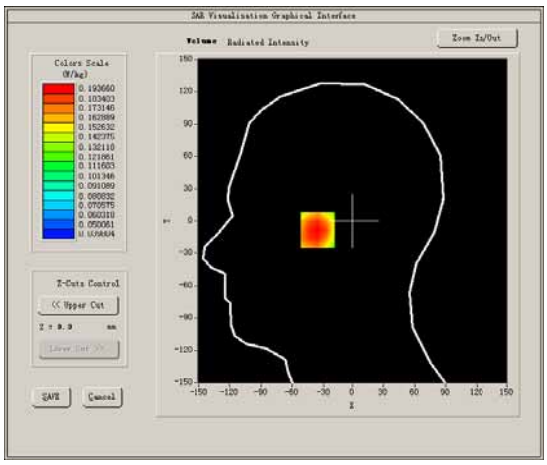
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 64)

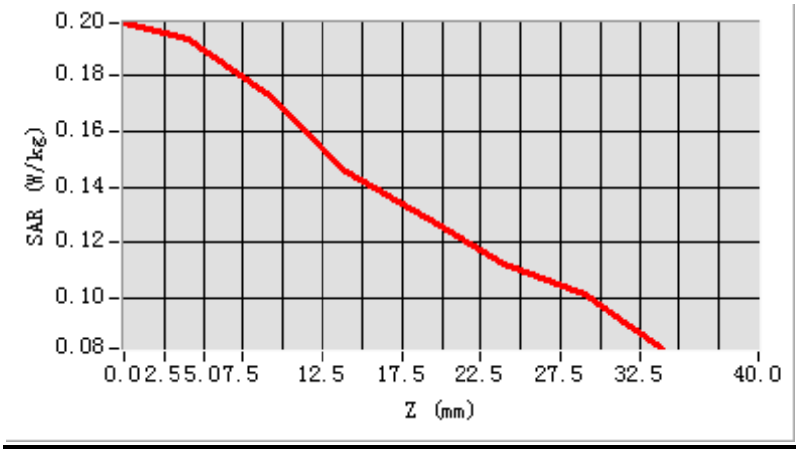
Frequency (MHz)	5320.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

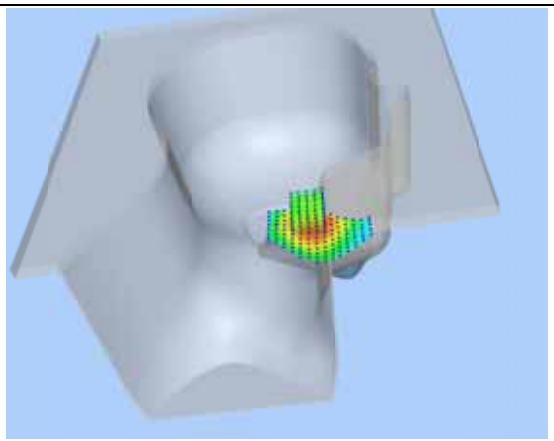
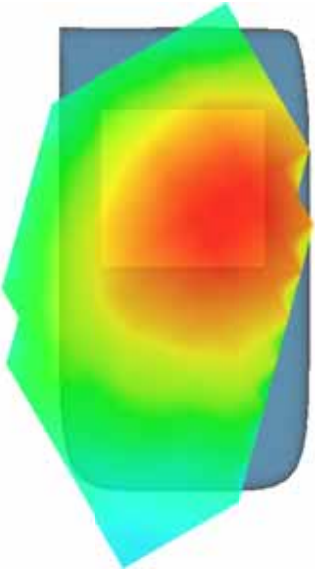
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-33.00, Y=-8.00
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.152395
SAR 1g (W/Kg)	0.187560

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 20

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

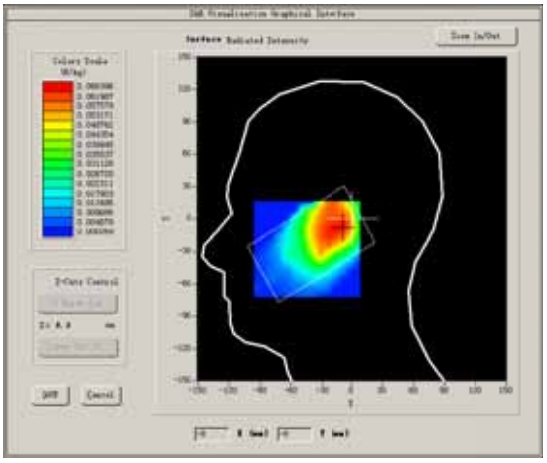
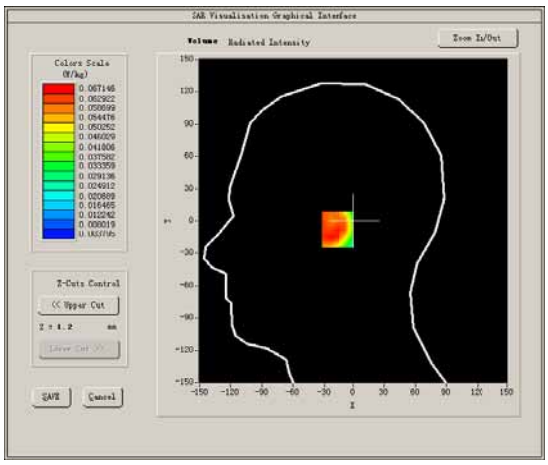
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 64)

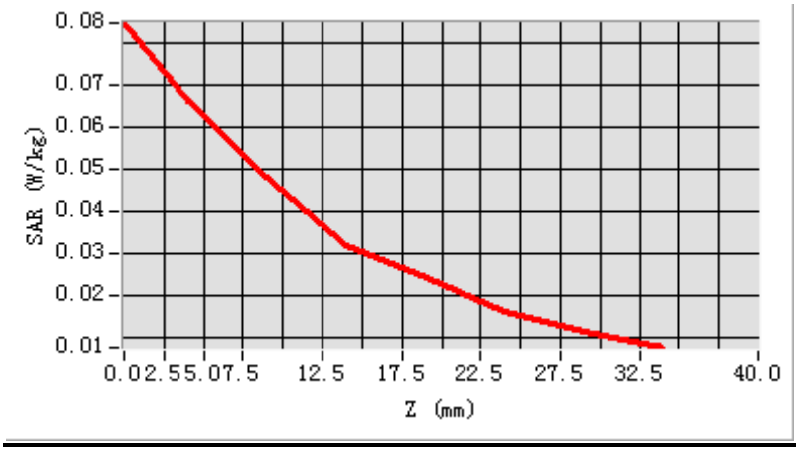
Frequency (MHz)	5320.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.620000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

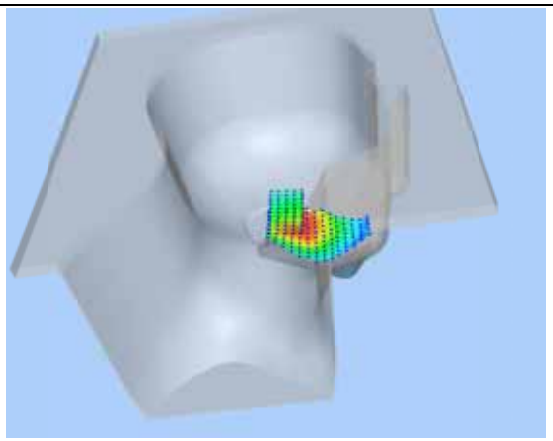
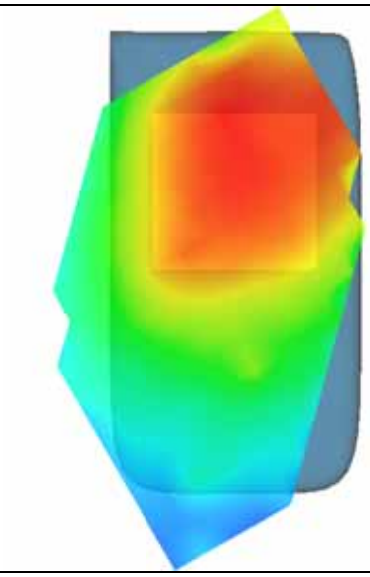
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=-8.00
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.044949
SAR 1g (W/Kg)	0.065391

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 21

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

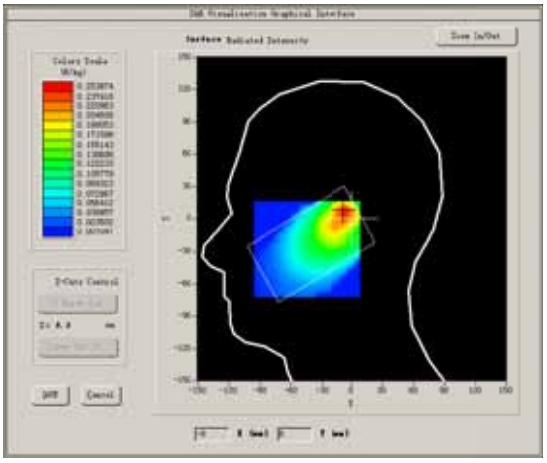
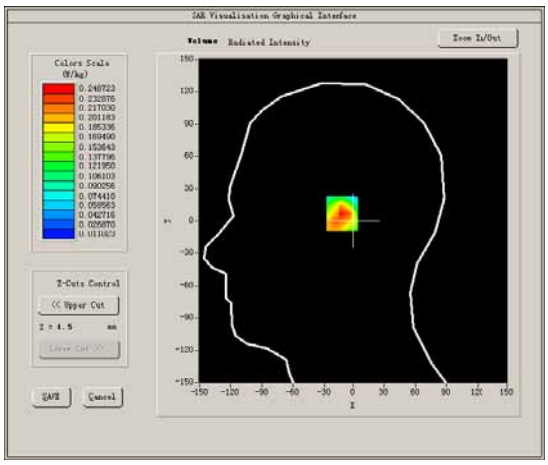
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

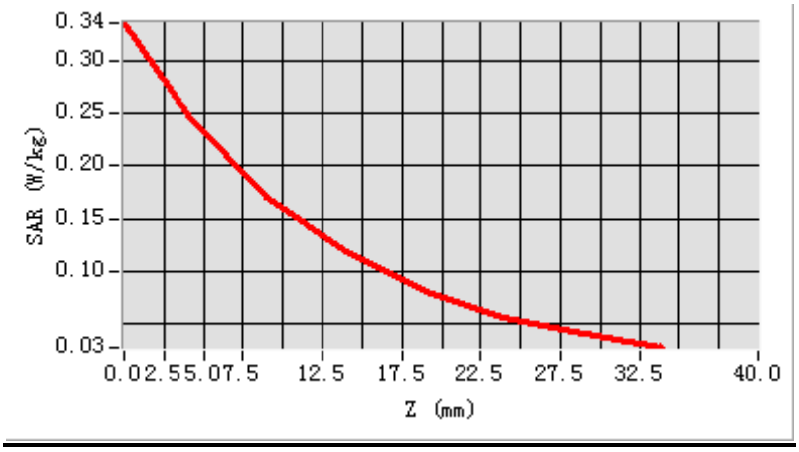
Frequency (MHz)	5680.000000
Relative permittivity (real part)	35.124097
Conductivity (S/m)	4.976918
Power drift (%)	-0.380000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

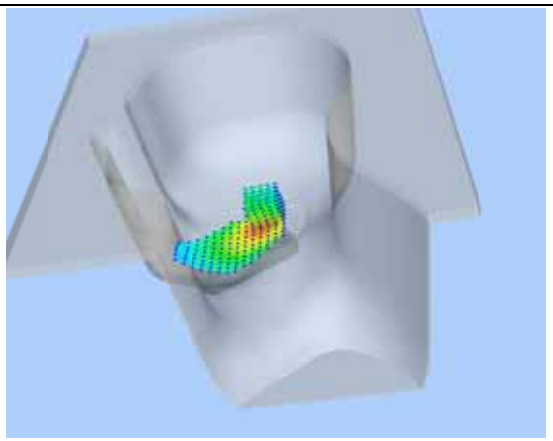
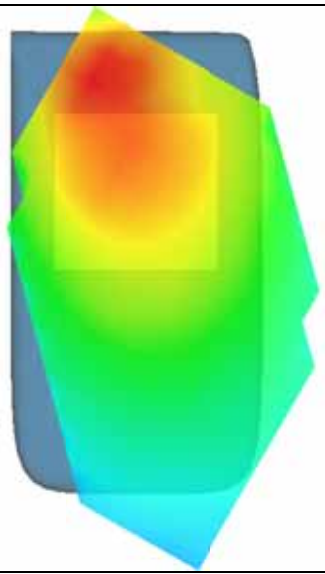
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-7.00, Y=7.00
SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.154054
SAR 1g (W/Kg)	0.238155

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 22

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 15 seconds

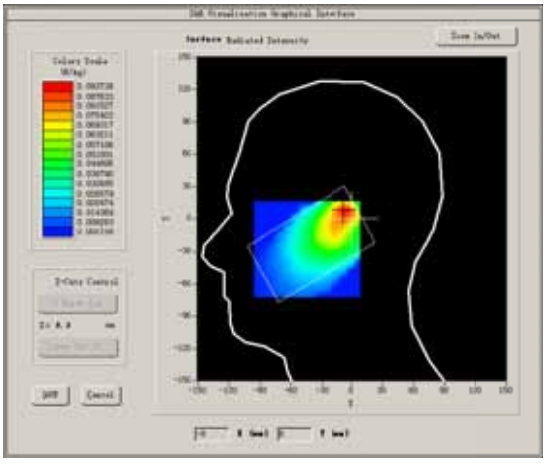
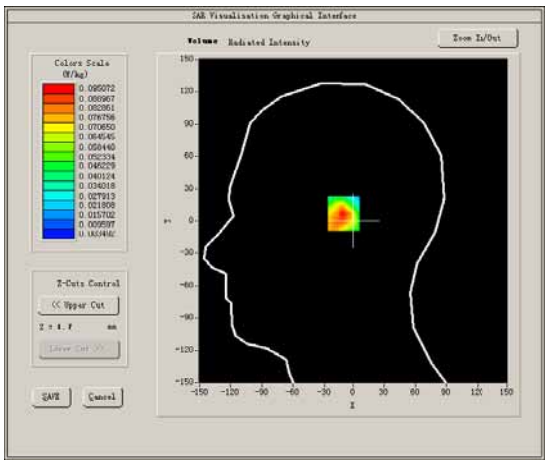
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

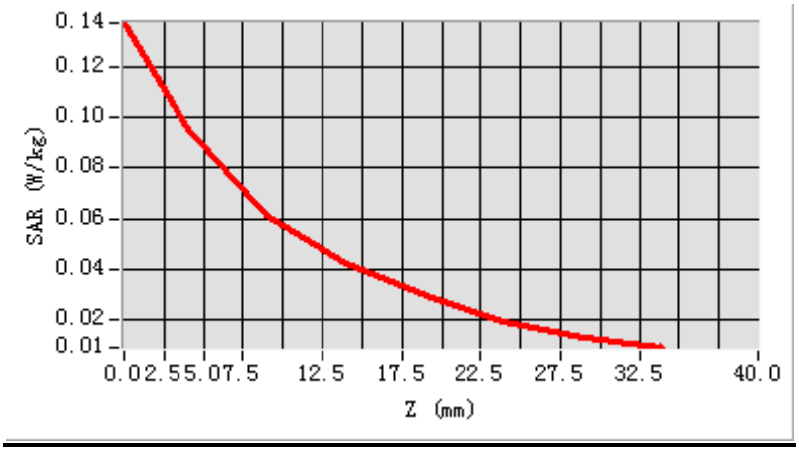
Frequency (MHz)	5680.000000
Relative permittivity (real part)	35.124097
Conductivity (S/m)	4.976918
Power drift (%)	-1.390000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

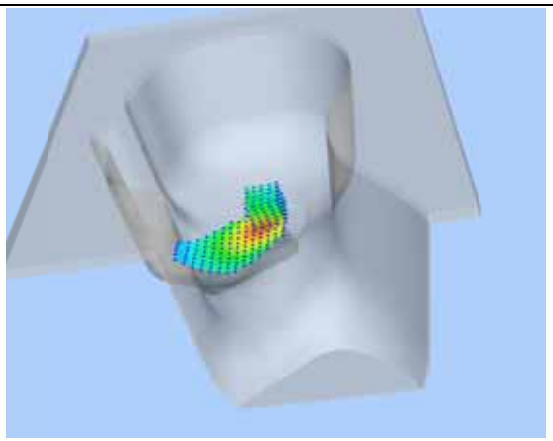
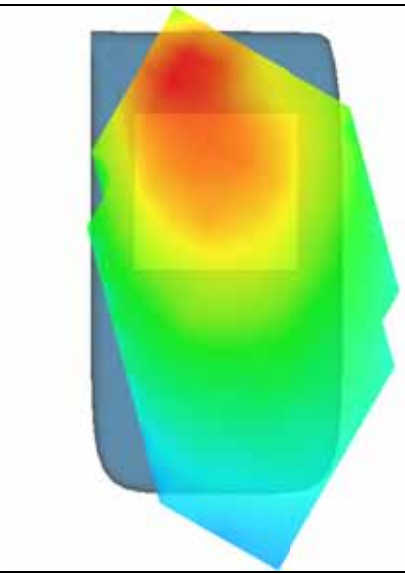
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-5.00, Y=7.00
SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.058558
SAR 1g (W/Kg)	0.091262

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 23

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

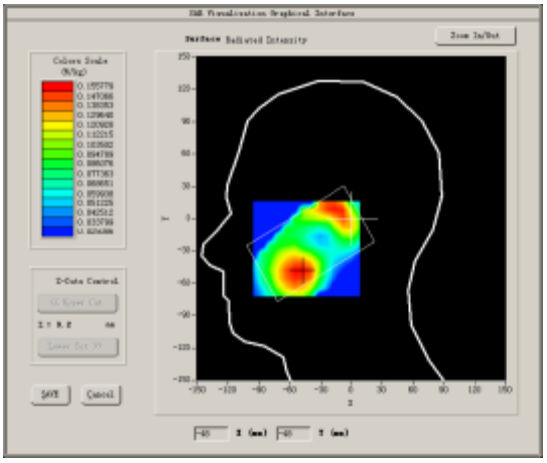
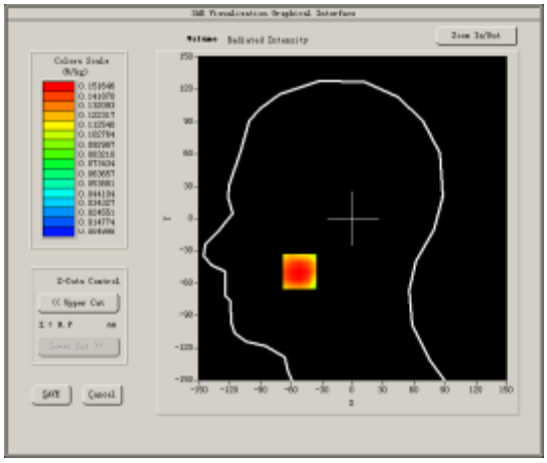
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

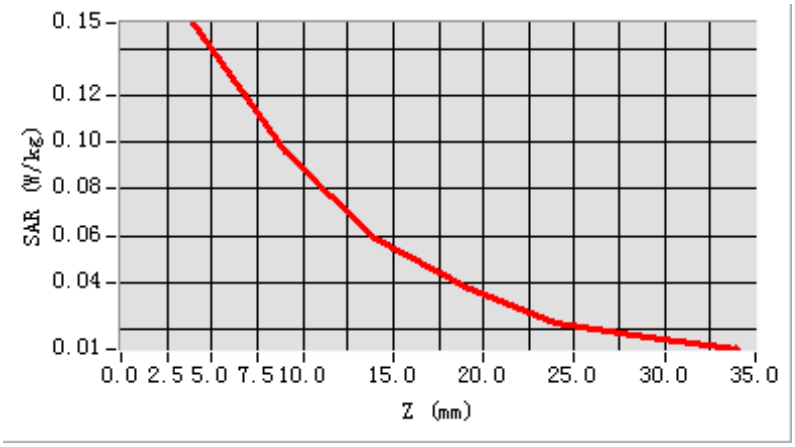
Frequency (MHz)	5680.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	23.71
Crest factor:	1:1

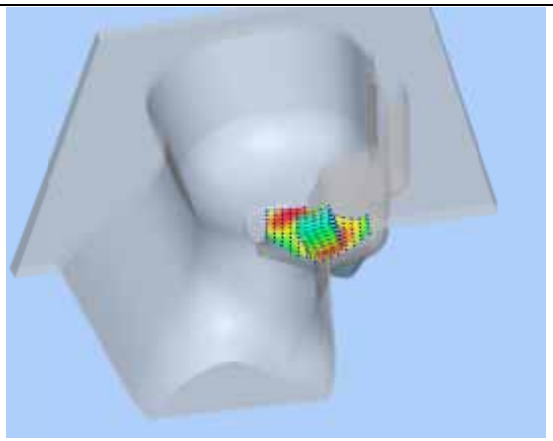
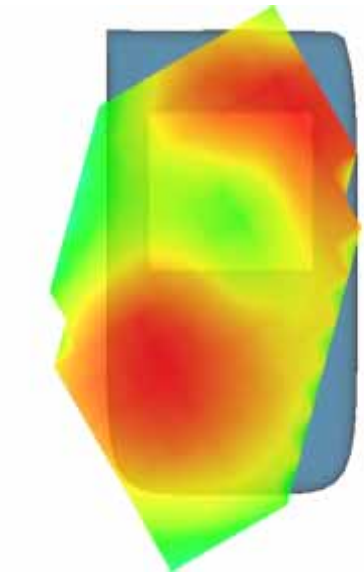
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-52.00, Y=-49.00

SAR 10g (W/Kg)	0.089704
SAR 1g (W/Kg)	0.147993

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	0.1516	0.0959	0.0590	0.0376	0.0225	0.0158



3D screen shot	Hot spot position
	

MEASUREMENT 24

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

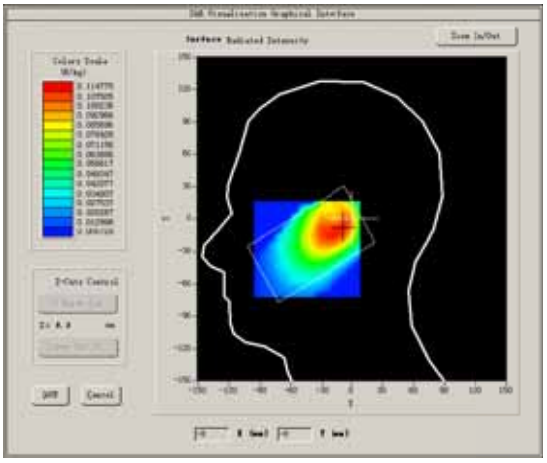
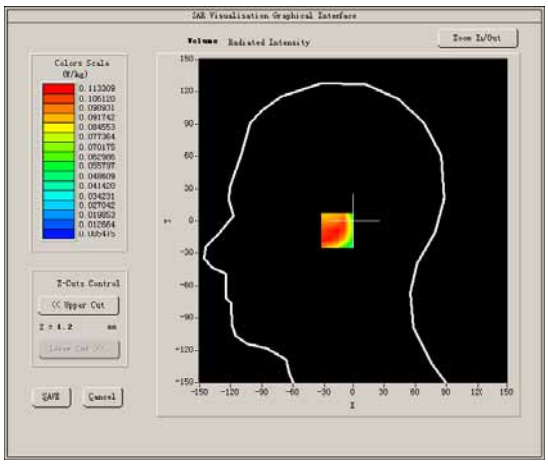
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

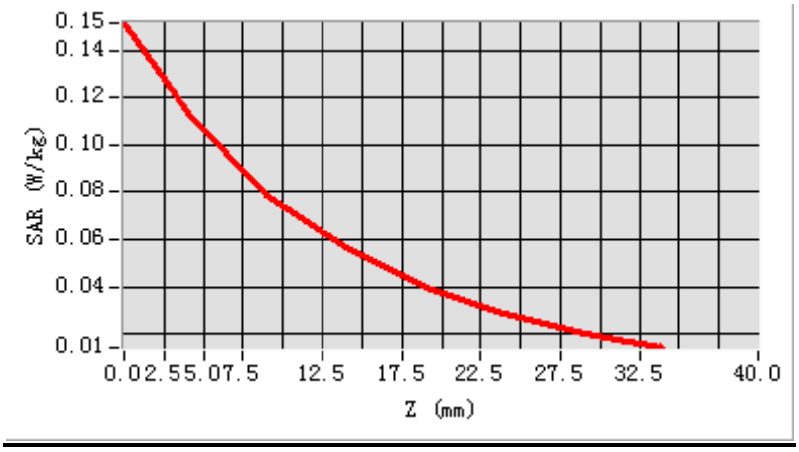
Frequency (MHz)	5680.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	4.976918
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

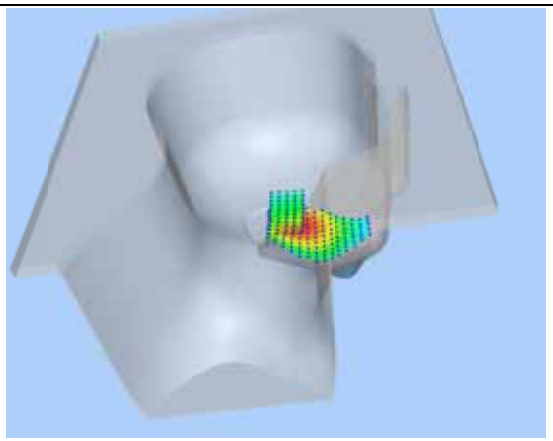
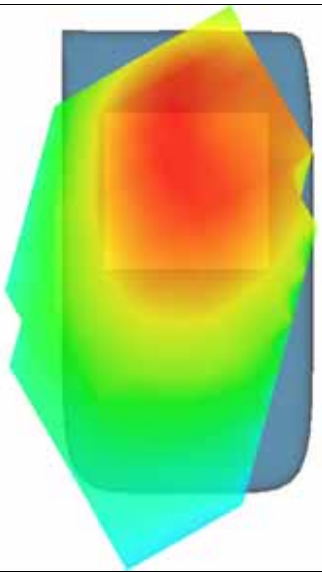
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=-9.00
SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.077009
SAR 1g (W/Kg)	0.112142

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 25

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

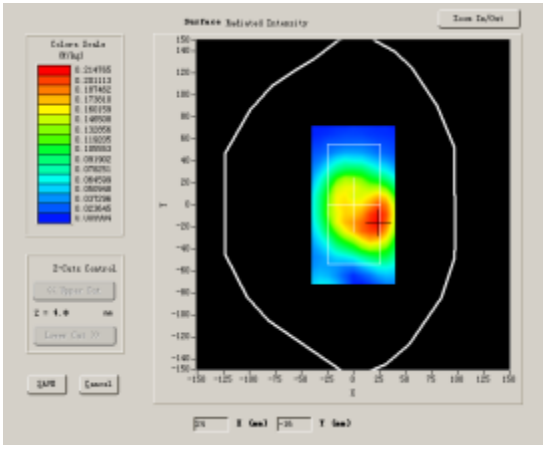
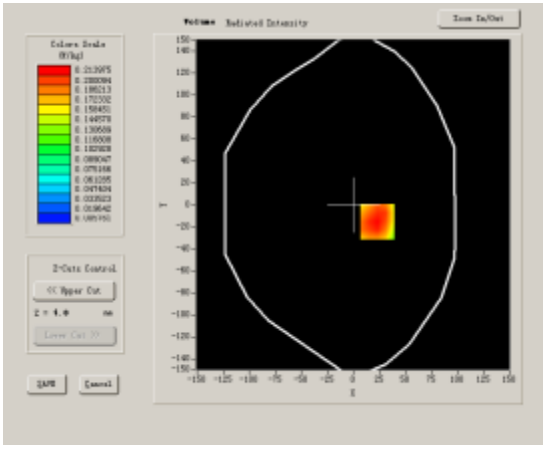
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

Frequency (MHz)	5680.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.520000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

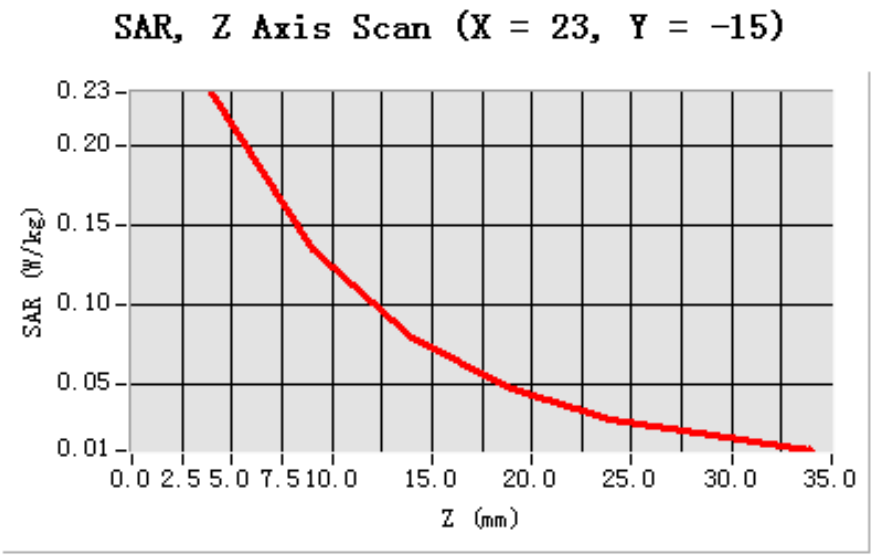
SURFACE SAR	VOLUME SAR
	

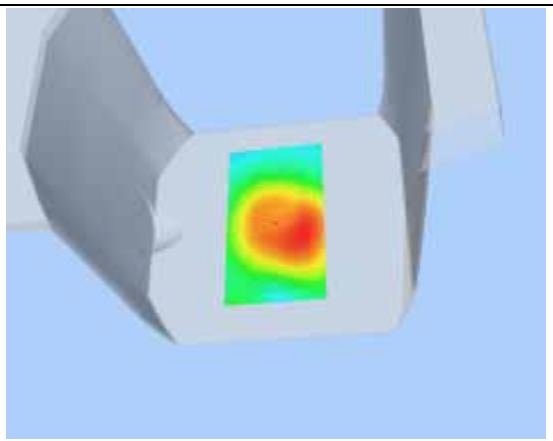
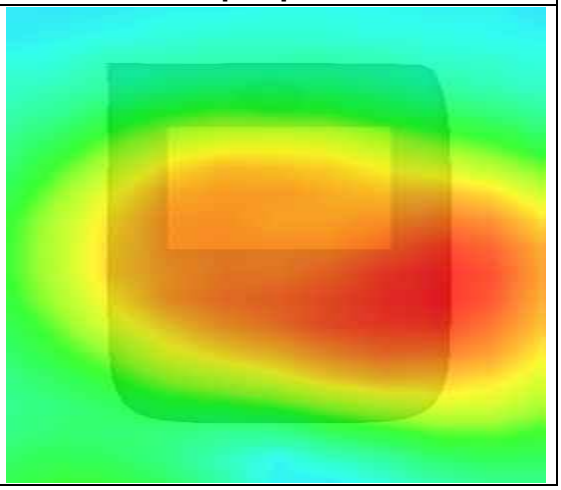
Maximum location: X=23.00, Y=-15.00

SAR 10g (W/Kg)	0.133736
SAR 1g (W/Kg)	0.224335

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	0.2330	0.1340	0.0793	0.0466	0.0268	0.0172



3D sceen shot	Hot spot position
	

MEASUREMENT 26

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

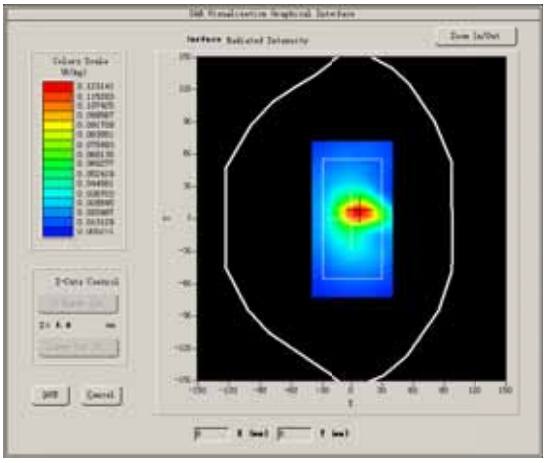
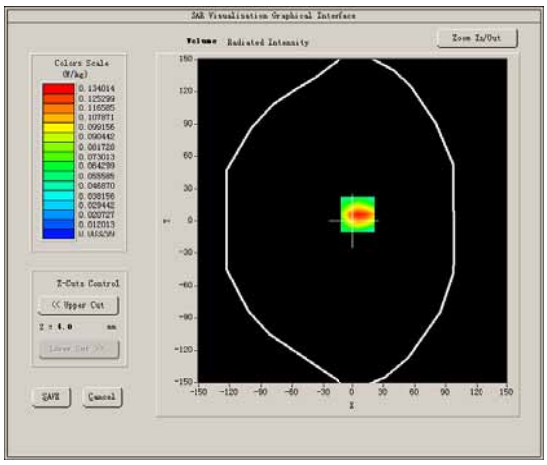
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

Frequency (MHz)	5680.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.520000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

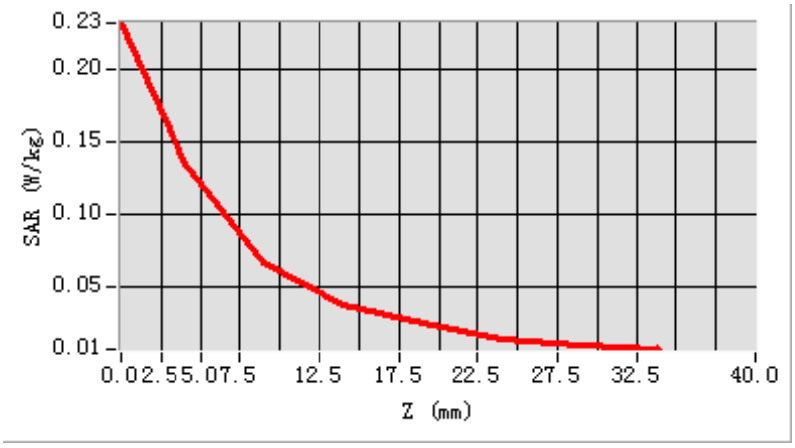
SURFACE SAR	VOLUME SAR
	

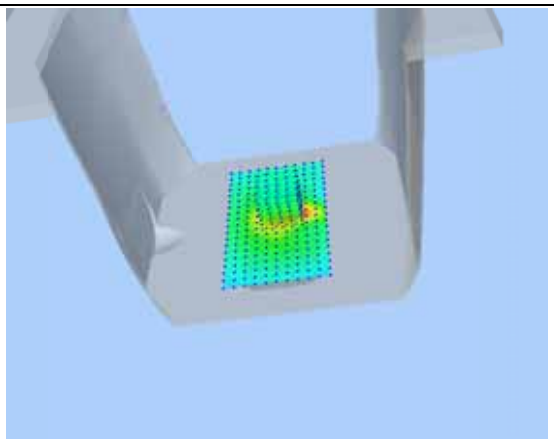
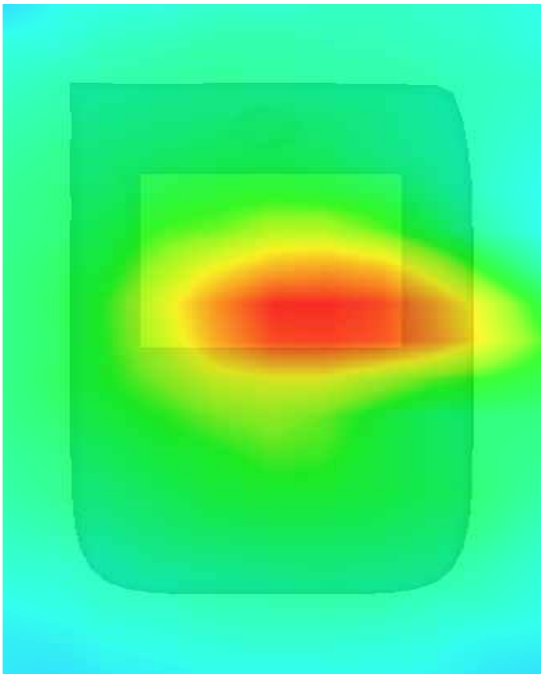
Maximum location: X=5.00, Y=6.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.071586
SAR 1g (W/Kg)	0.138683

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 27

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

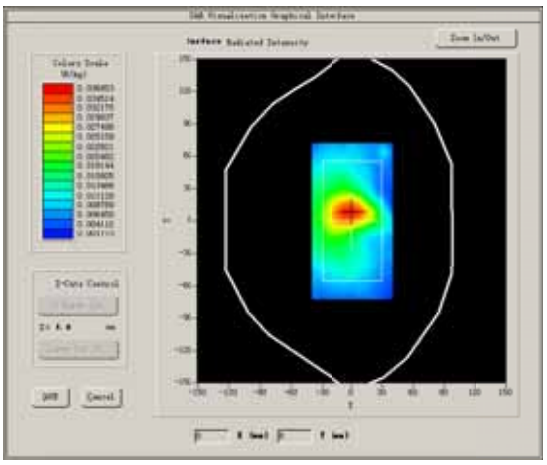
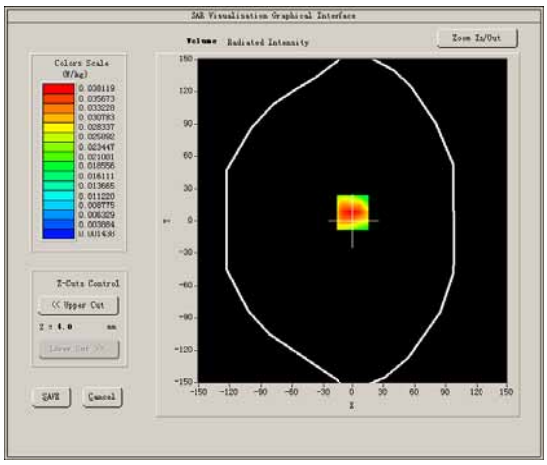
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

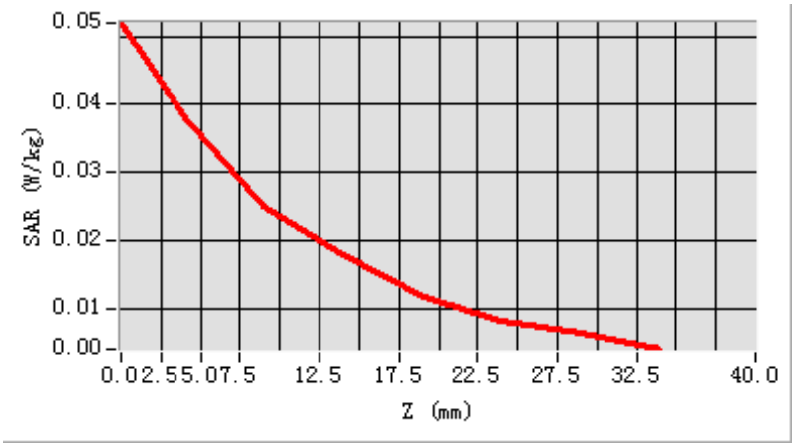
Frequency (MHz)	5680.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.190000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

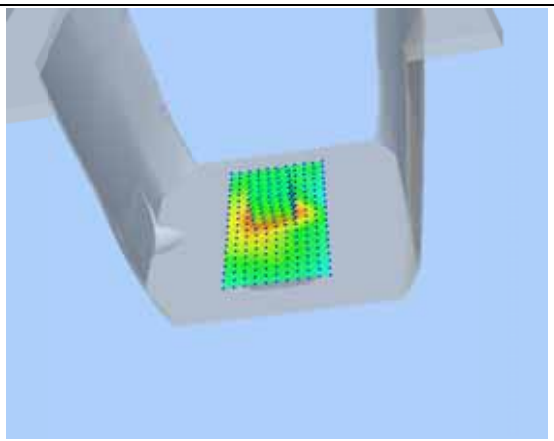
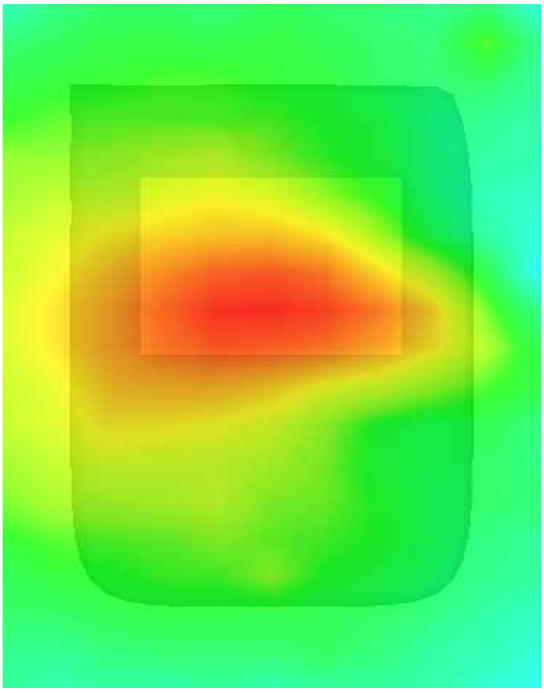
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-1.00, Y=8.00
SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.024173
SAR 1g (W/Kg)	0.039315

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 28

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

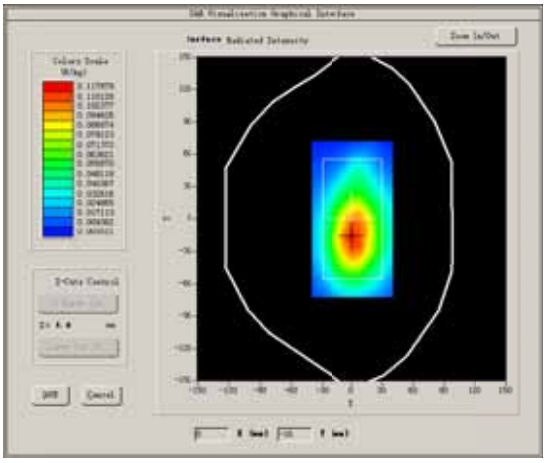
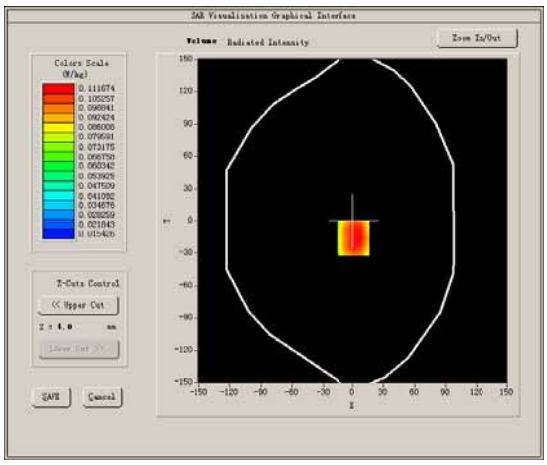
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 136)

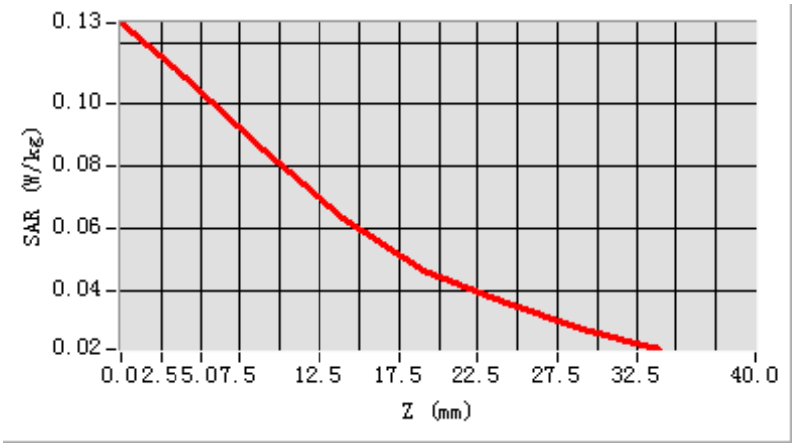
Frequency (MHz)	5680.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.250000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

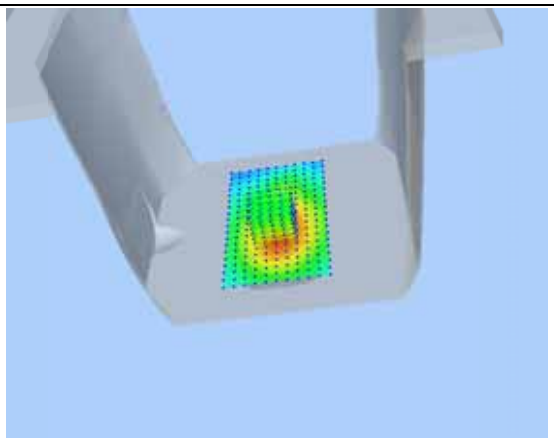
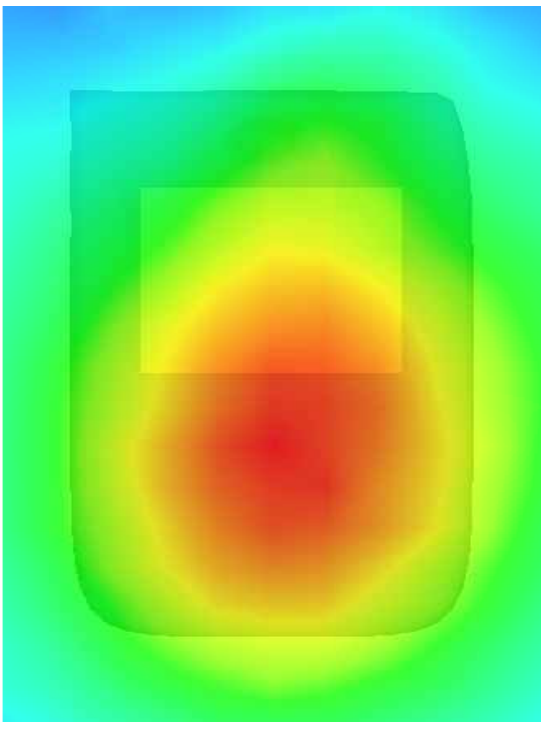
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=-16.00
SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.082720
SAR 1g (W/Kg)	0.116851

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 29

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

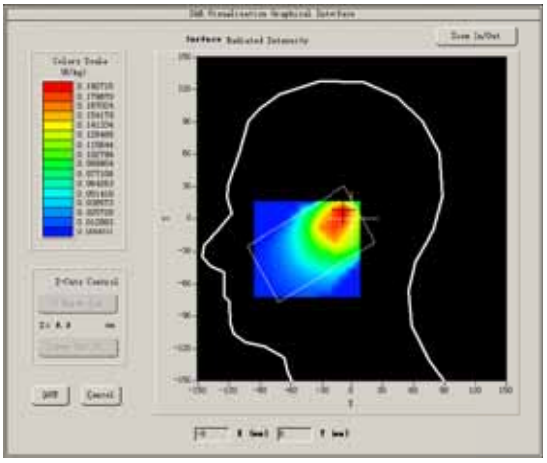
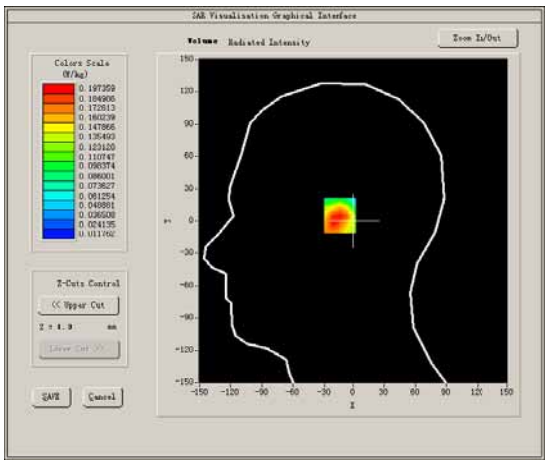
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

Frequency (MHz)	5700.000000
Relative permittivity (real part)	35.124097
Conductivity (S/m)	4.976918
Power drift (%)	-0.380000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

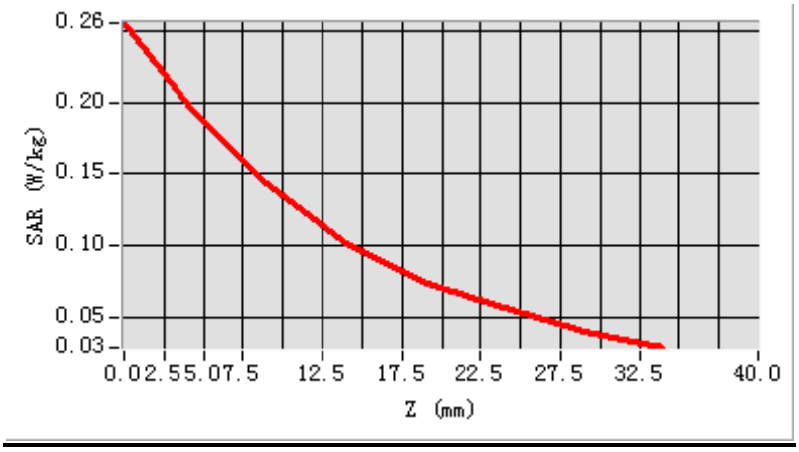
SURFACE SAR	VOLUME SAR
	

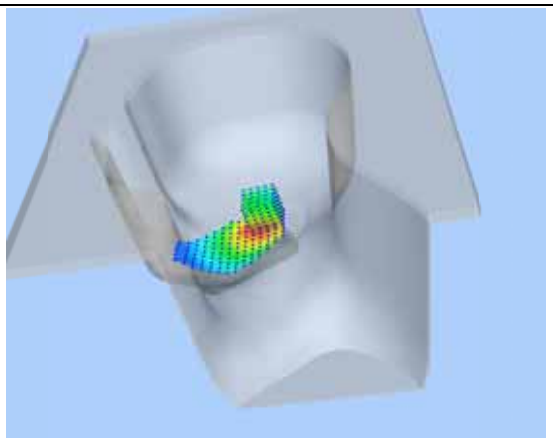
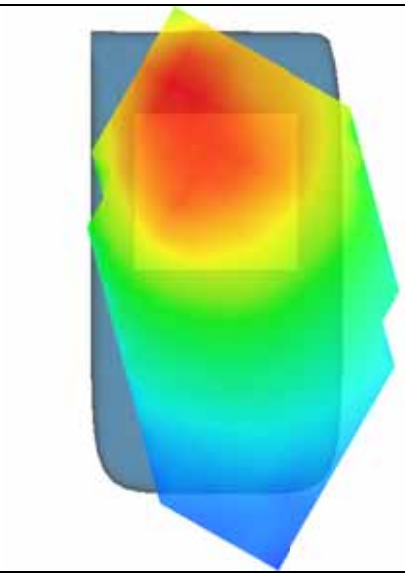
Maximum location: X=-9.00, Y=5.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.131746
SAR 1g (W/Kg)	0.191787

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 30

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 15 seconds

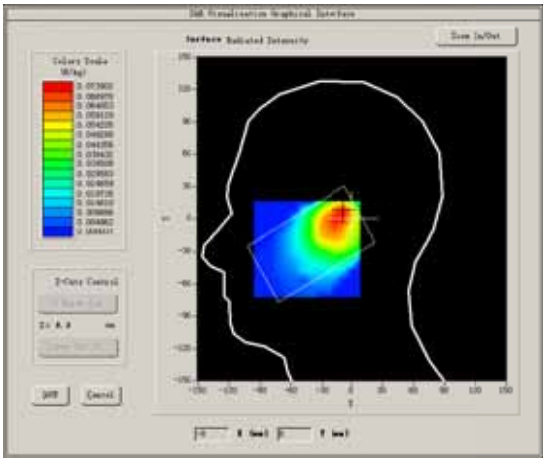
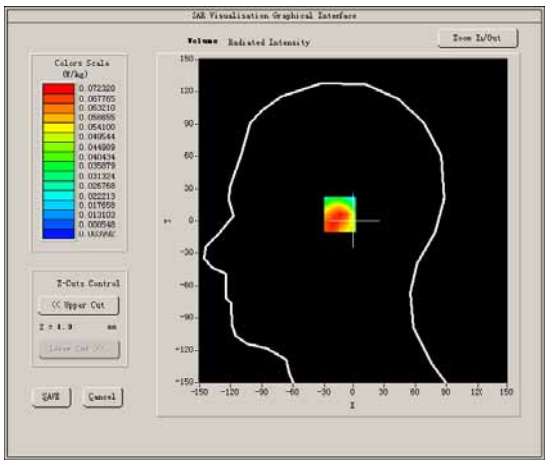
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

Frequency (MHz)	5700.000000
Relative permittivity (real part)	35.124097
Conductivity (S/m)	4.976918
Power drift (%)	-1.390000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

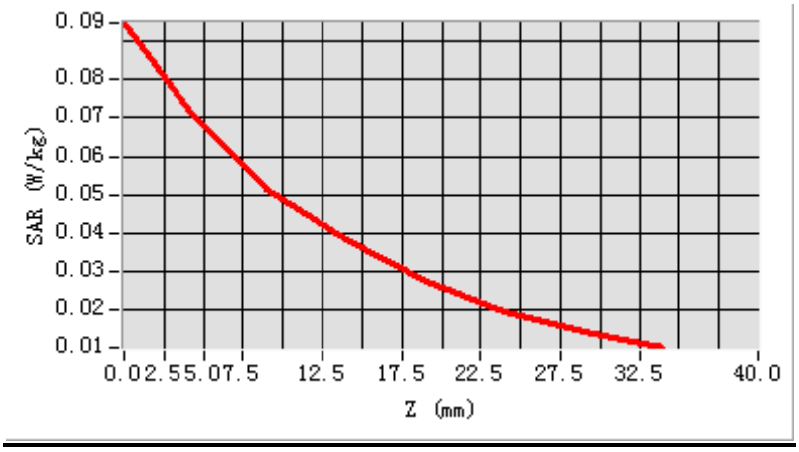
SURFACE SAR	VOLUME SAR
	

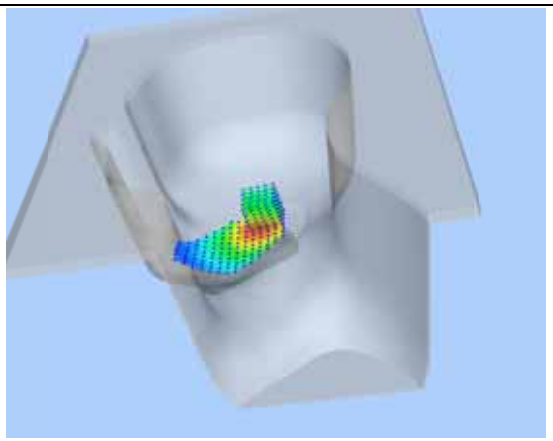
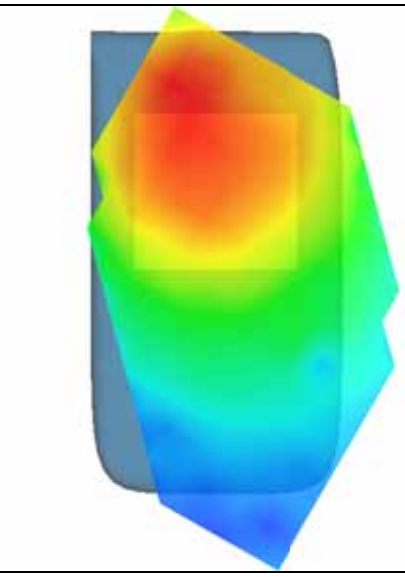
Maximum location: X=-9.00, Y=6.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.048651
SAR 1g (W/Kg)	0.070334

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 31

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

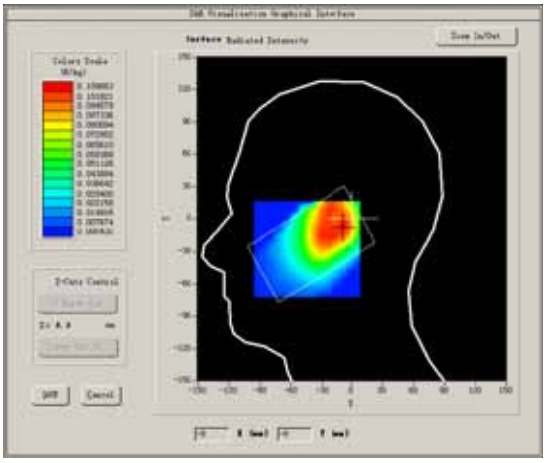
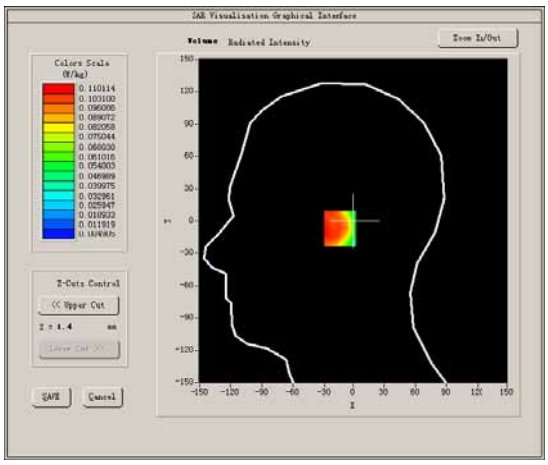
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

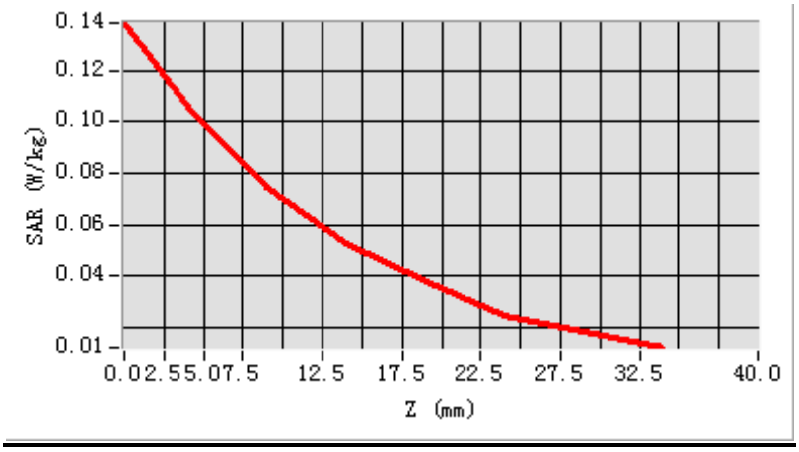
Frequency (MHz)	5700.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	4.619638
Power drift (%)	0.510000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

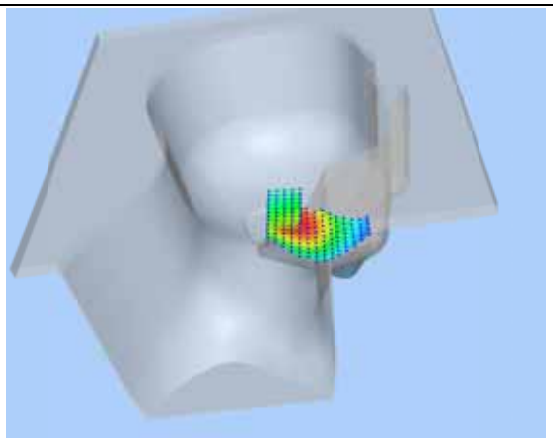
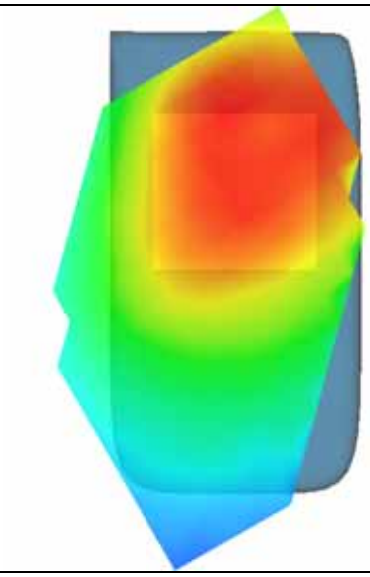
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-8.00, Y=-7.00
SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.075565
SAR 1g (W/Kg)	0.107308

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 32

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 8 minutes 17 seconds

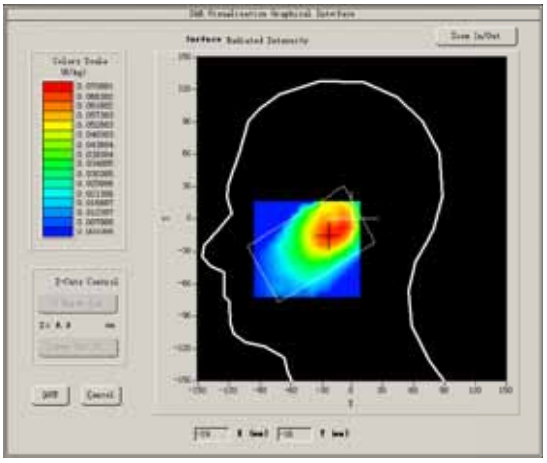
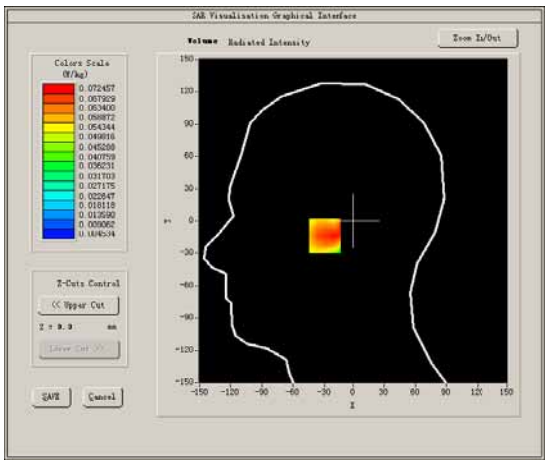
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

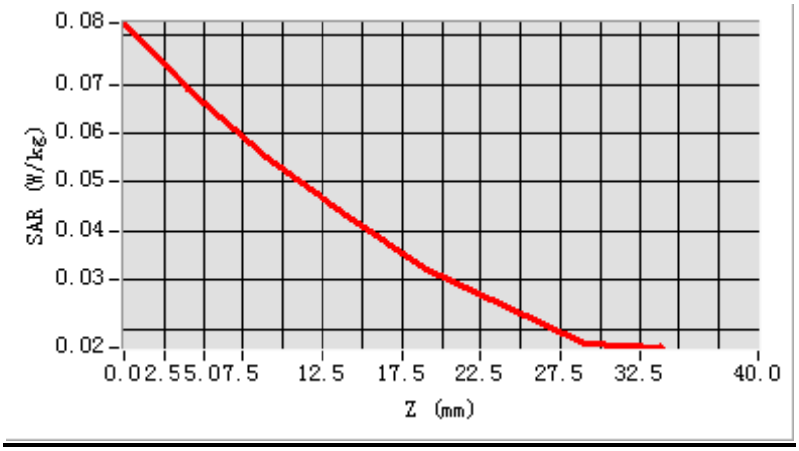
Frequency (MHz)	5700.000000
Relative permittivity (real part)	35.859371
Conductivity (S/m)	35.124097
Power drift (%)	-0.810000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.33
Crest factor:	1:1

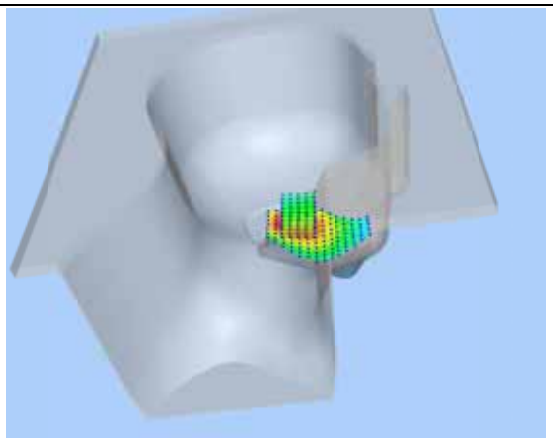
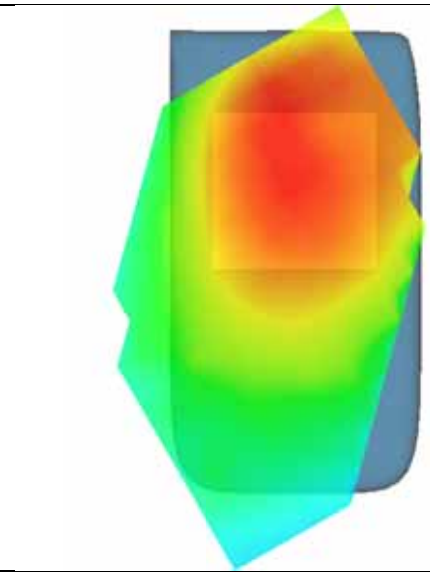
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-22.00, Y=-14.00
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.050566
SAR 1g (W/Kg)	0.070299

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 33

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

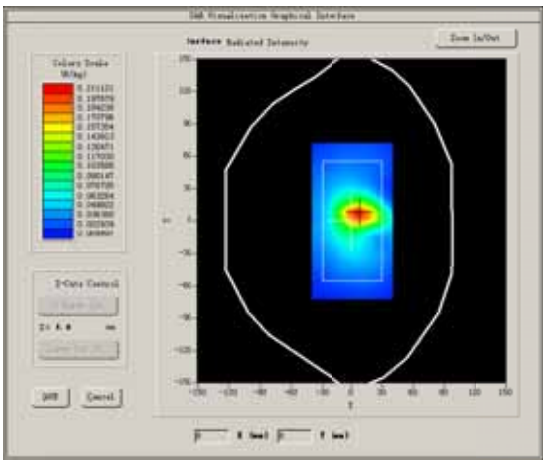
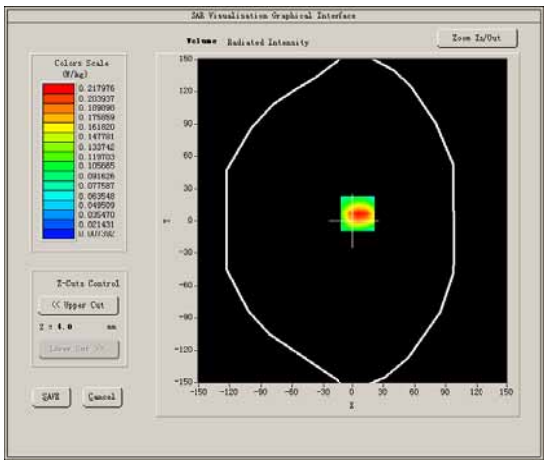
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

Frequency (MHz)	5700.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.120000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

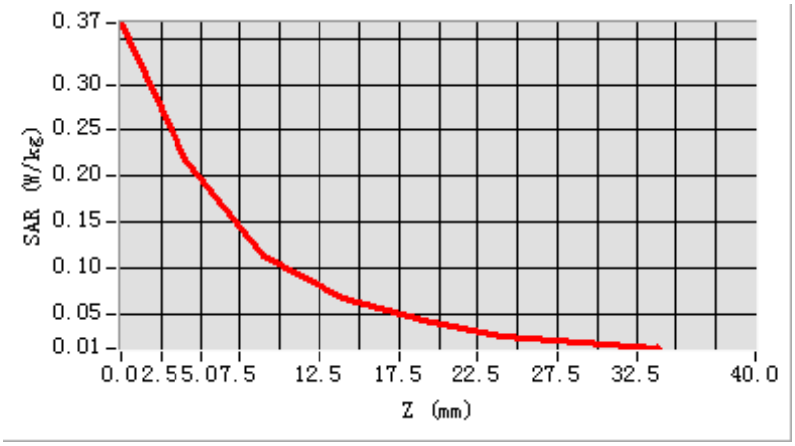
SURFACE SAR	VOLUME SAR
	

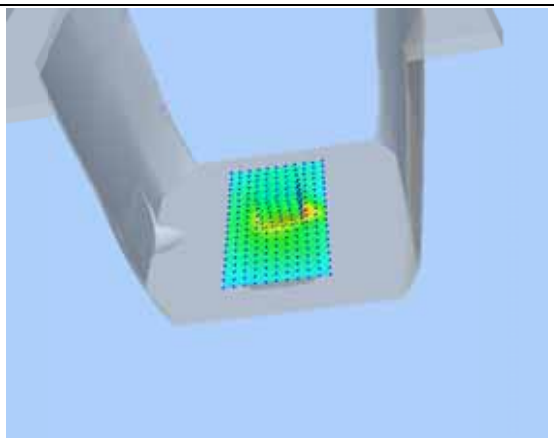
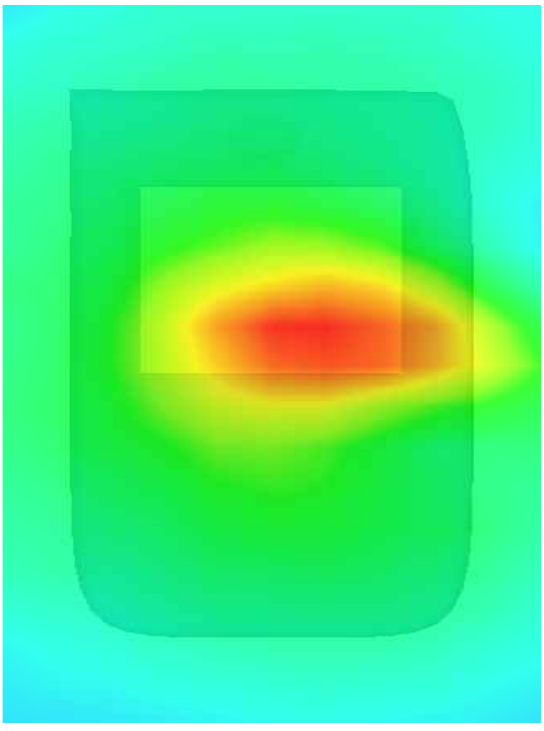
Maximum location: X=5.00, Y=7.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.117612
SAR 1g (W/Kg)	0.227403

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 34

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

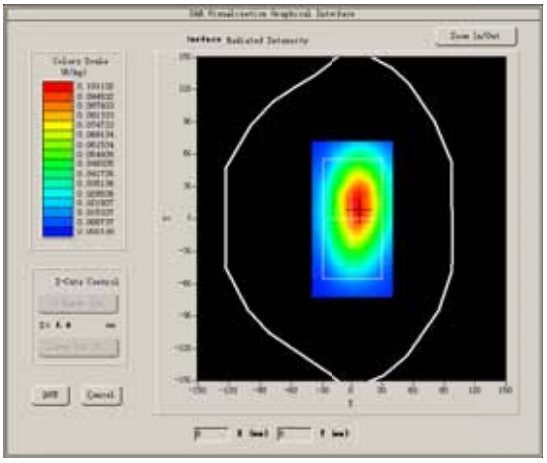
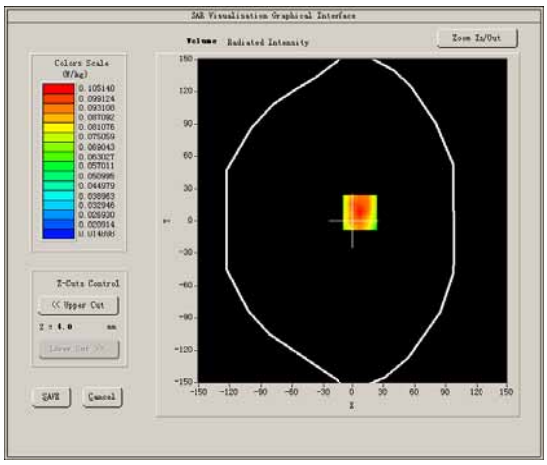
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

Frequency (MHz)	5700.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-0.290000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

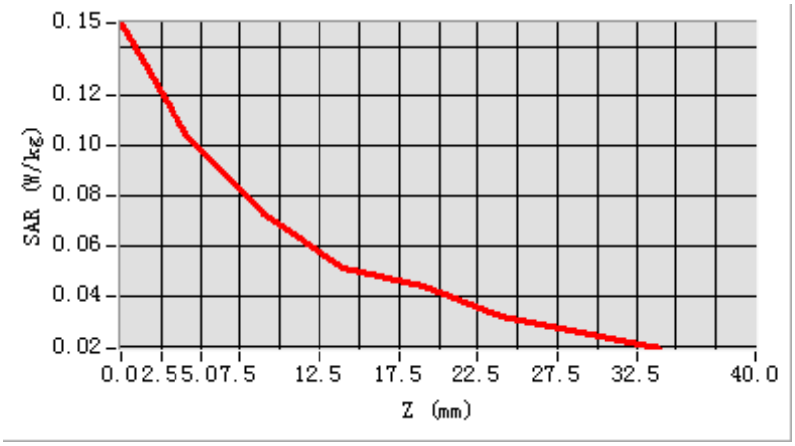
SURFACE SAR	VOLUME SAR
	

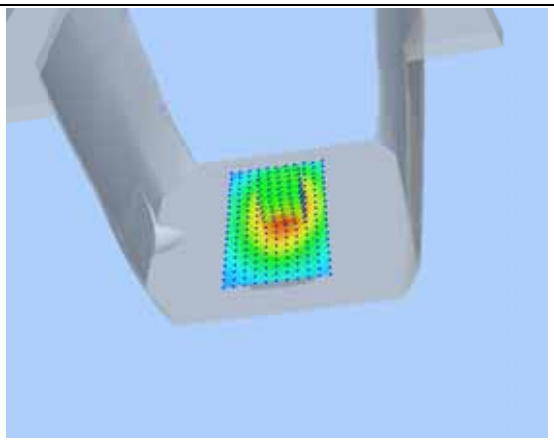
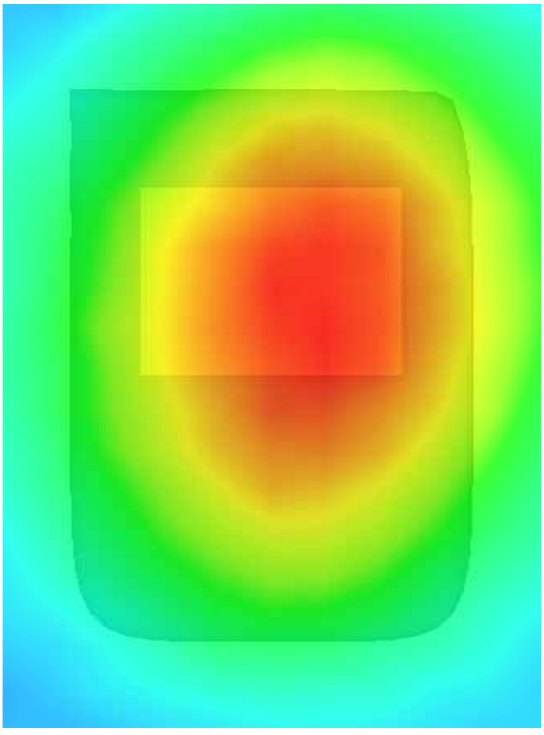
Maximum location: X=7.00, Y=8.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.074710
SAR 1g (W/Kg)	0.108579

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 35

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

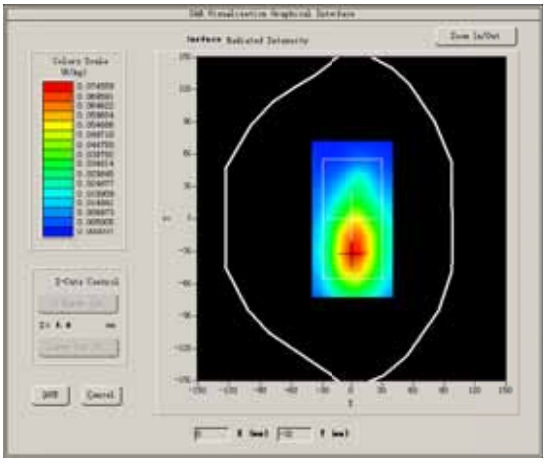
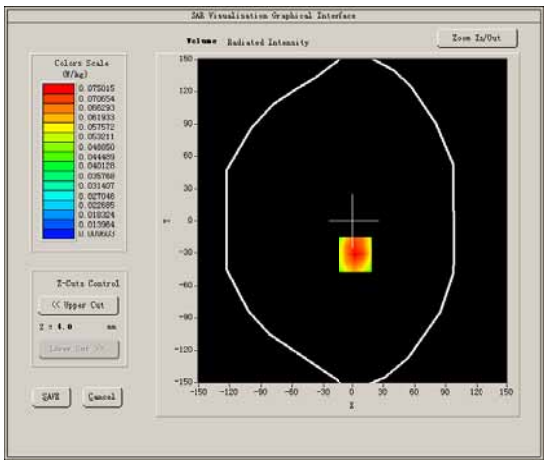
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

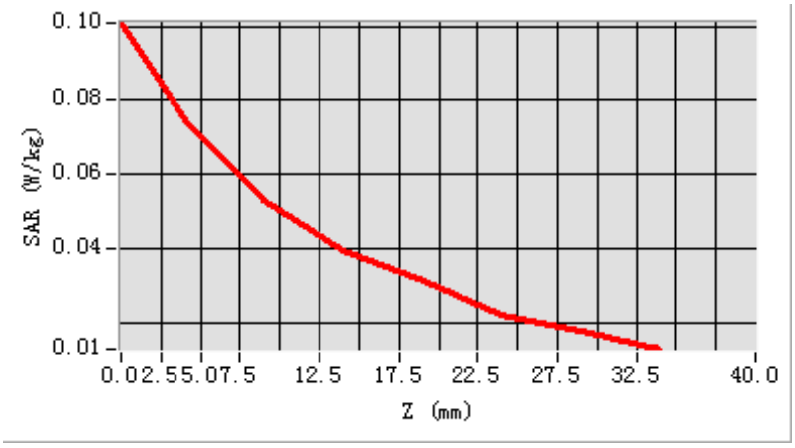
Frequency (MHz)	5700.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-1.070000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

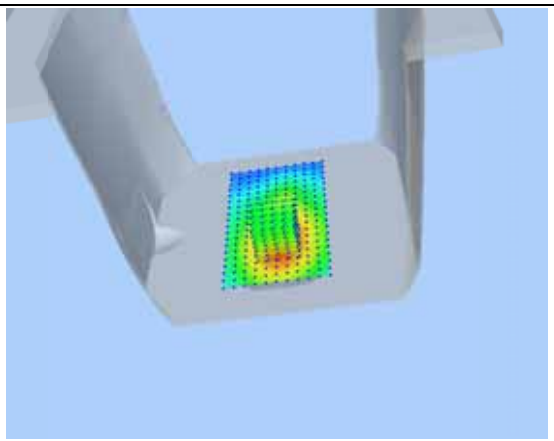
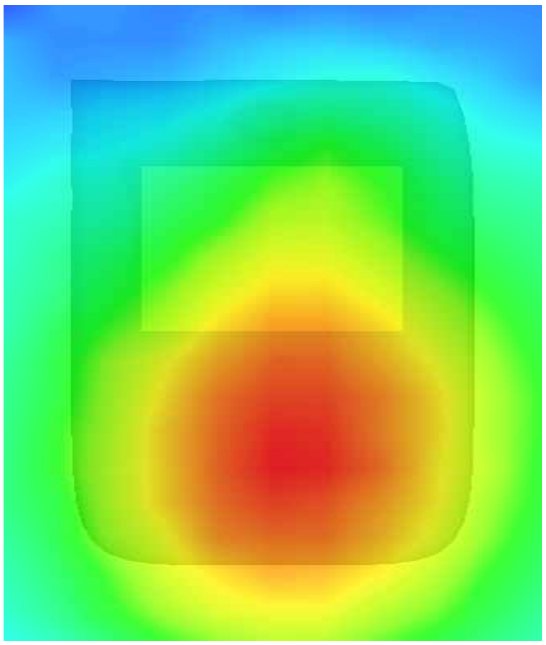
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=-31.00
SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.053805
SAR 1g (W/Kg)	0.078068

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 36

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.25

Measurement duration: 9 minutes 10 seconds

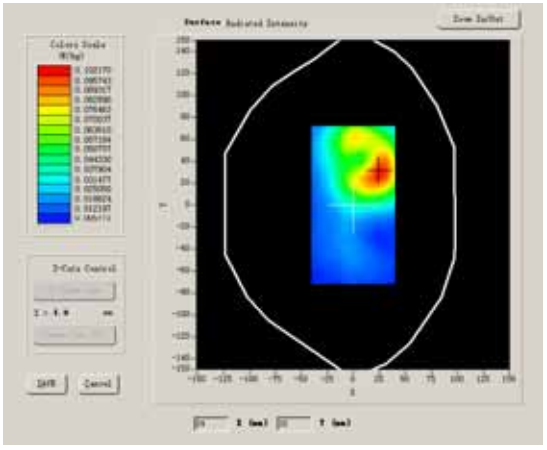
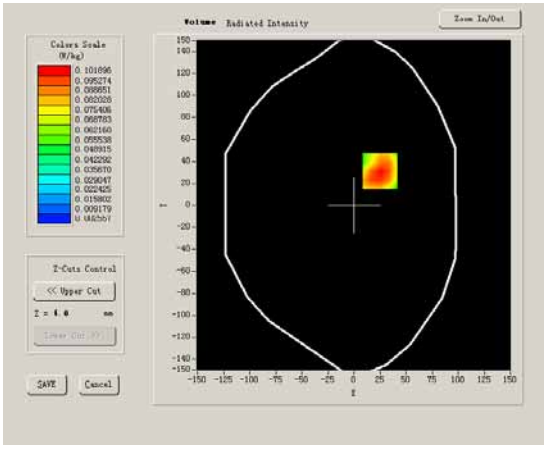
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	High
Signal	OFDM

B. SAR Measurement Results

High Band SAR (Channel 140)

Frequency (MHz)	5700.000000
Relative permittivity (real part)	48.294381
Conductivity (S/m)	5.7432600
Power drift (%)	-0.870000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

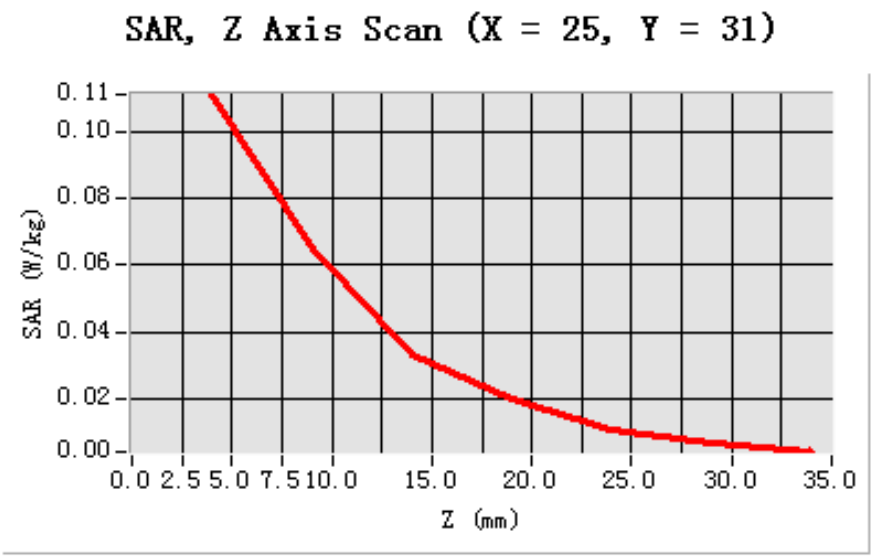
SURFACE SAR	VOLUME SAR
	

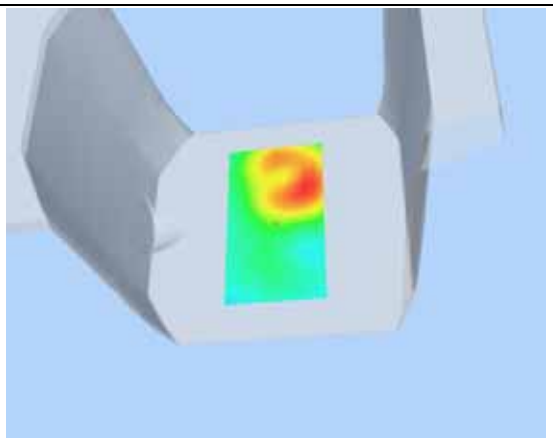
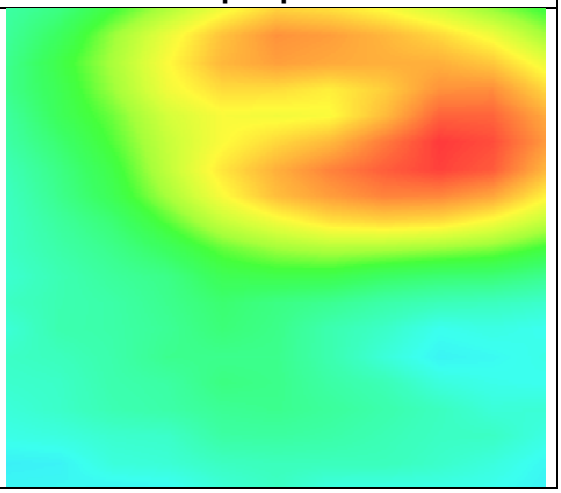
Maximum location: X=25.00, Y=31.00

SAR 10g (W/Kg)	0.060525
SAR 1g (W/Kg)	0.106715

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	0.1110	0.0649	0.0332	0.0198	0.0109	0.0071



3D sceen shot	Hot spot position
	

MEASUREMENT 37

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 8 minutes 17 seconds

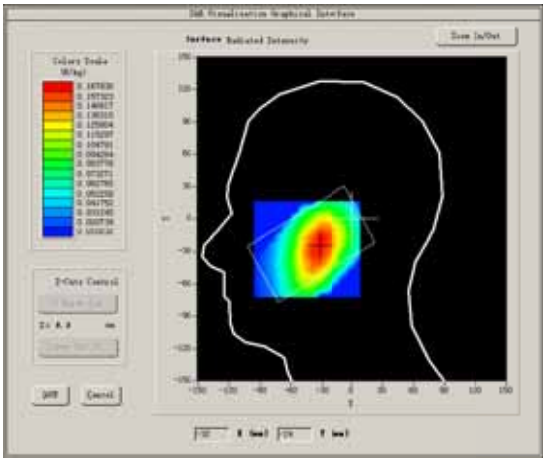
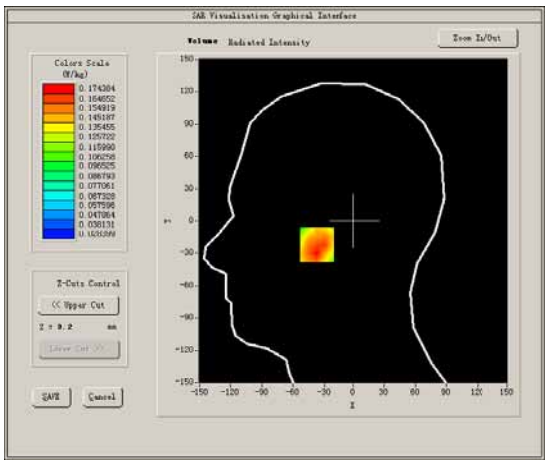
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

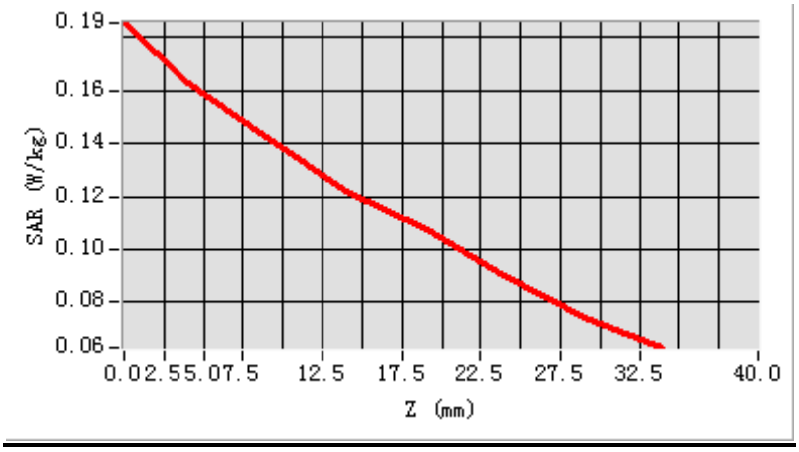
Frequency (MHz)	5745.000000
Relative permittivity (real part)	34.950000
Conductivity (S/m)	5.1700000
Power drift (%)	-0.380000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.64
Crest factor:	1:1

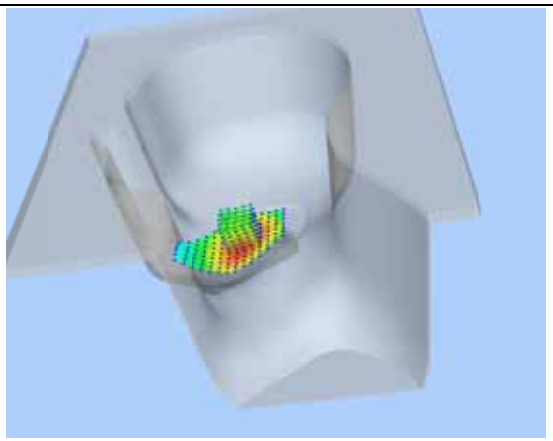
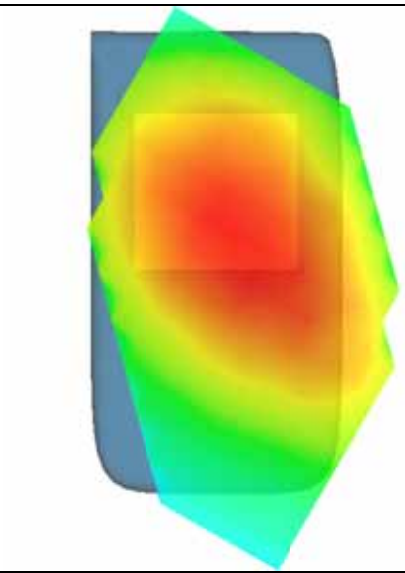
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-32.00, Y=-22.00
SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.131563
SAR 1g (W/Kg)	0.167036

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 38

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 8 minutes 15 seconds

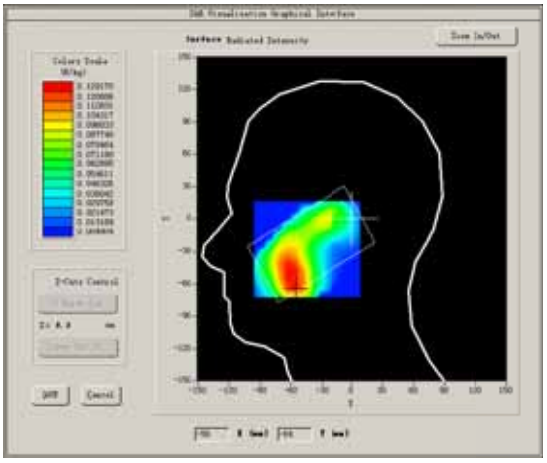
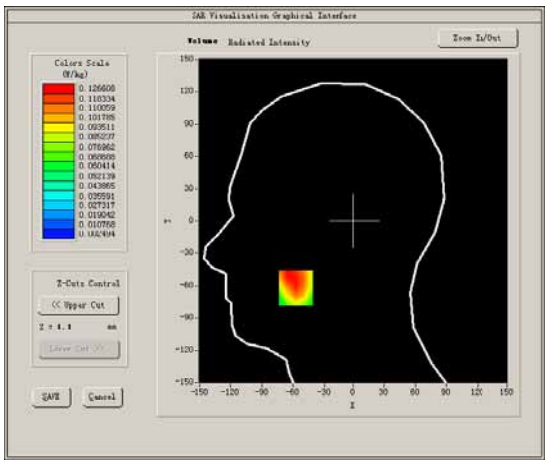
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

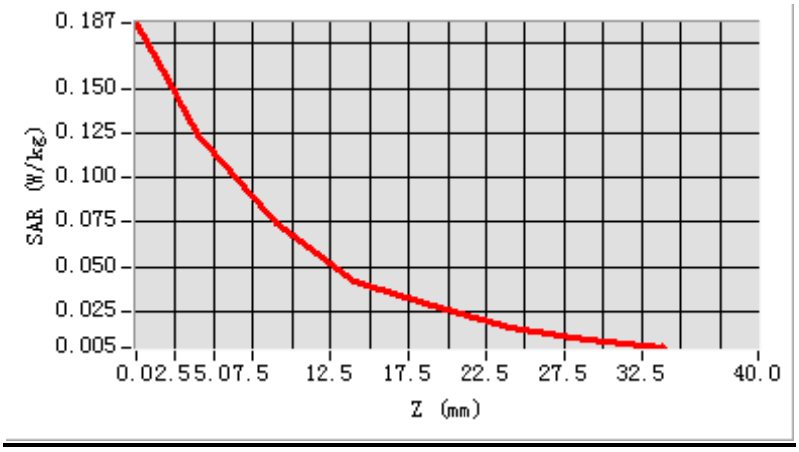
Frequency (MHz)	5745.000000
Relative permittivity (real part)	34.950000
Conductivity (S/m)	5.1700000
Power drift (%)	-0.910000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.64
Crest factor:	1:1

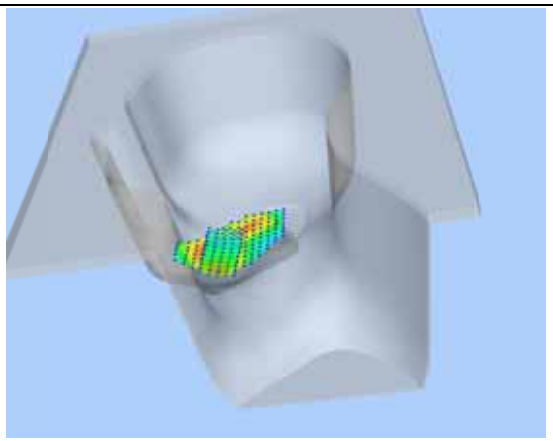
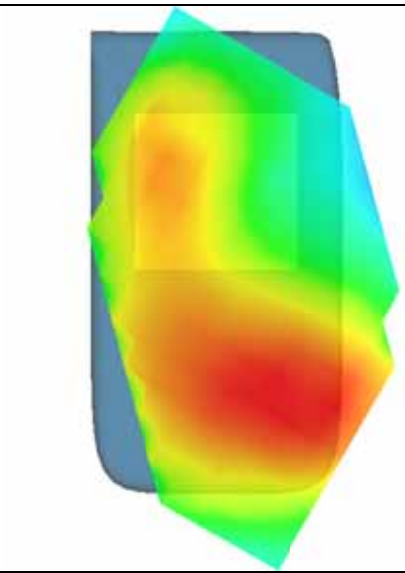
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-57.00, Y=-62.00
SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.071607
SAR 1g (W/Kg)	0.123570

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 39

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 8 minutes 17 seconds

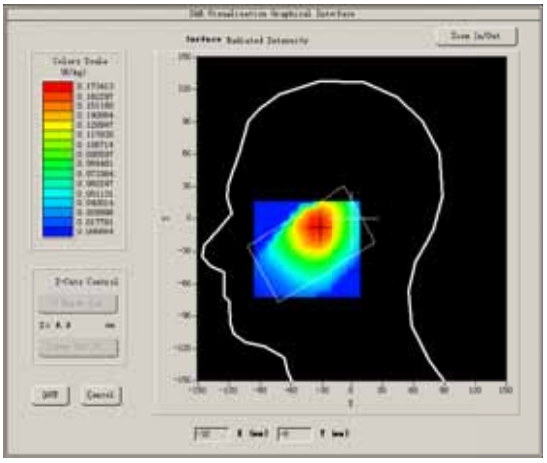
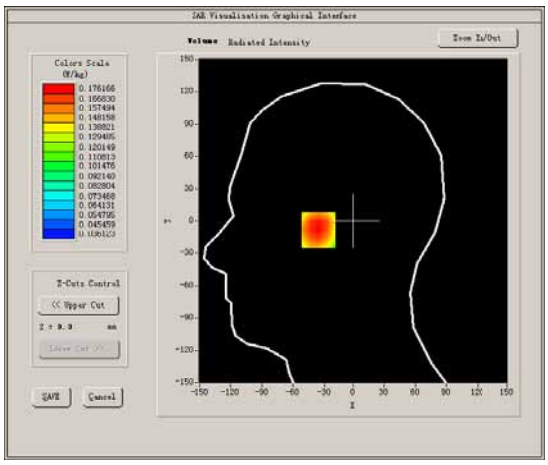
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

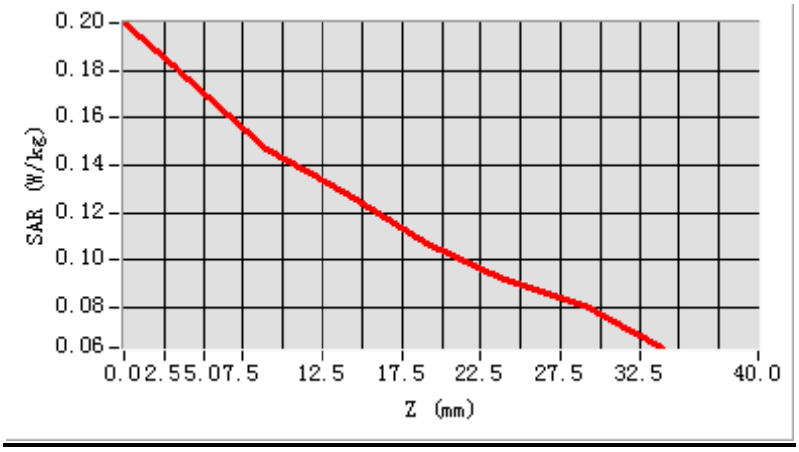
Frequency (MHz)	5745.000000
Relative permittivity (real part)	34.950000
Conductivity (S/m)	5.1700000
Power drift (%)	-0.180000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.64
Crest factor:	1:1

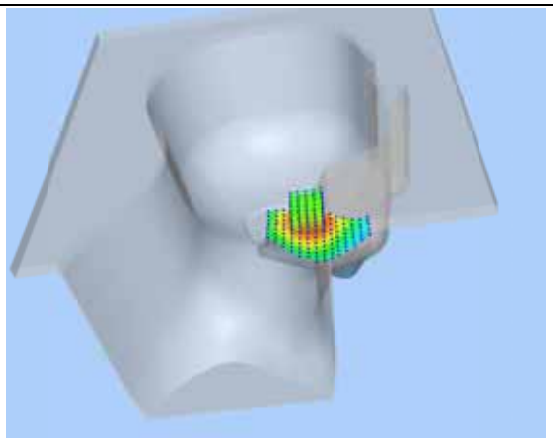
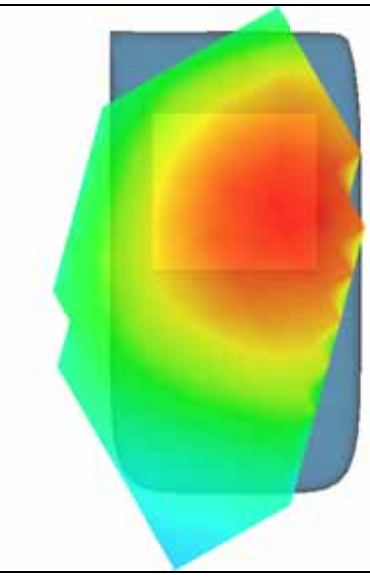
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-33.00, Y=-8.00
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.135707
SAR 1g (W/Kg)	0.170890

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 40

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 8 minutes 17 seconds

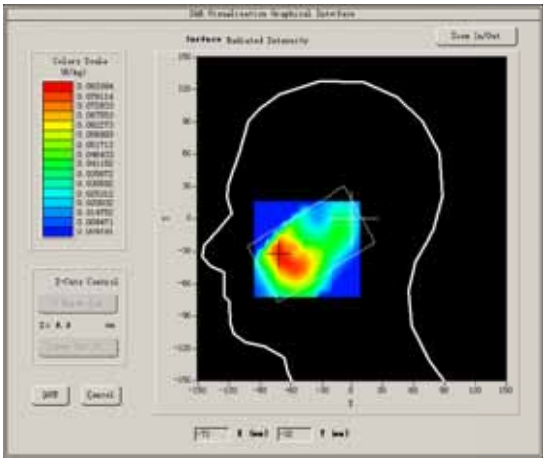
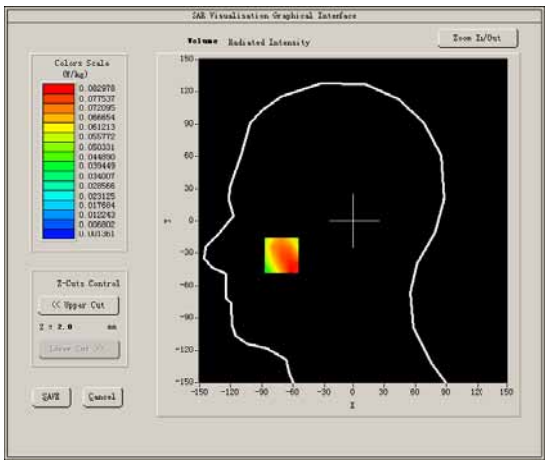
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

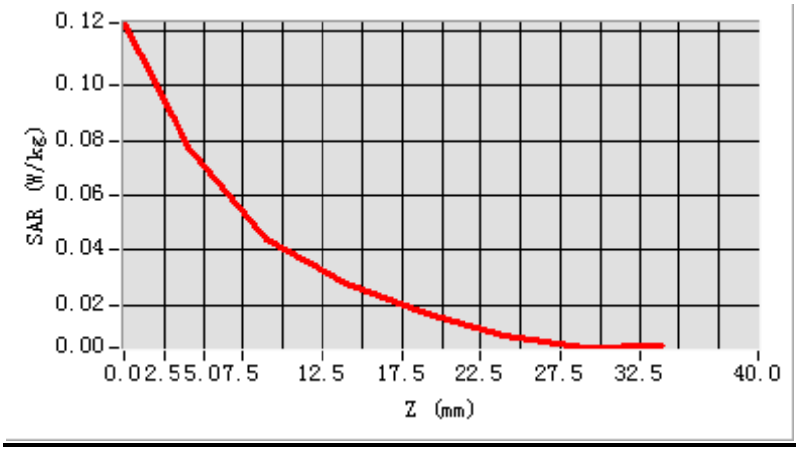
Frequency (MHz)	5745.000000
Relative permittivity (real part)	34.950000
Conductivity (S/m)	5.1700000
Power drift (%)	-0.810000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	25.64
Crest factor:	1:1

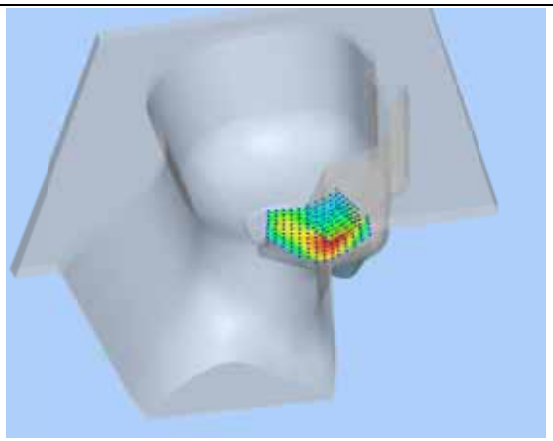
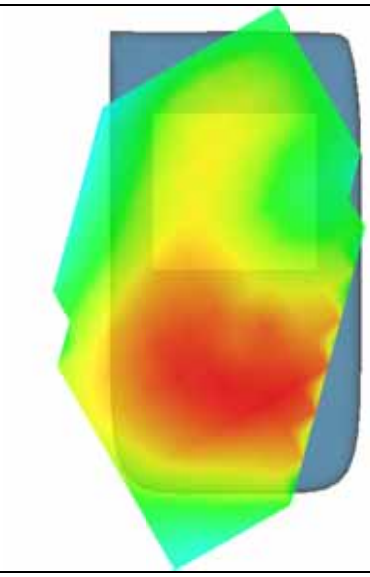
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-71.00, Y=-32.00
SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.046800
SAR 1g (W/Kg)	0.079773

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 41

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 9 minutes 10 seconds

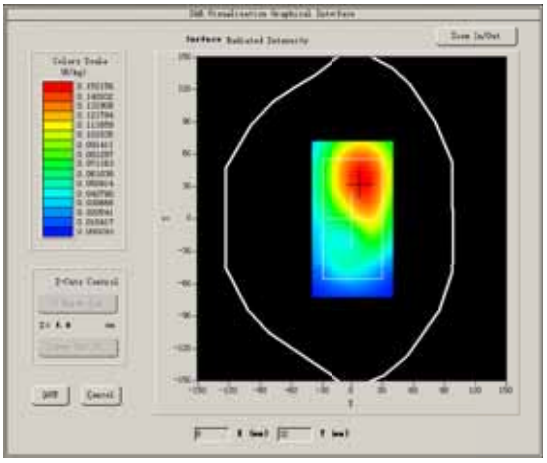
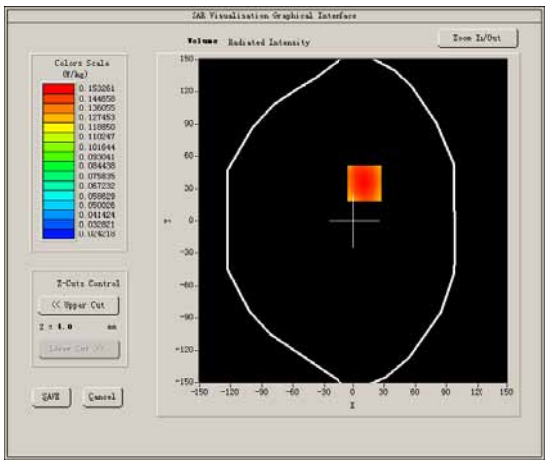
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

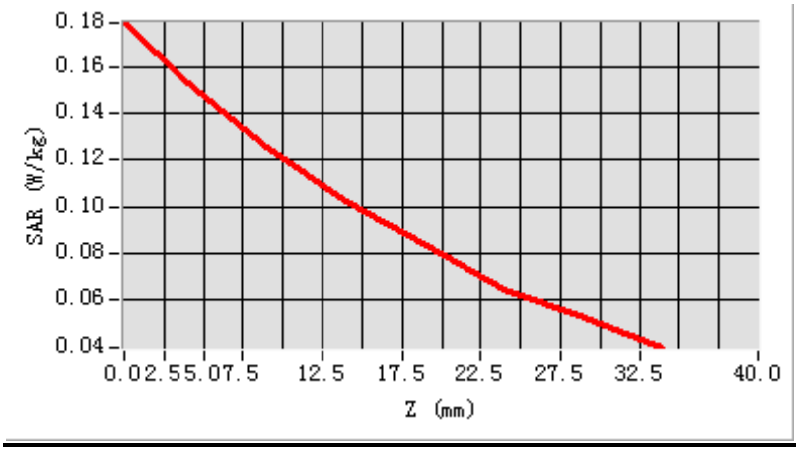
Frequency (MHz)	5745.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-1.120000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.30
Crest factor:	1:1

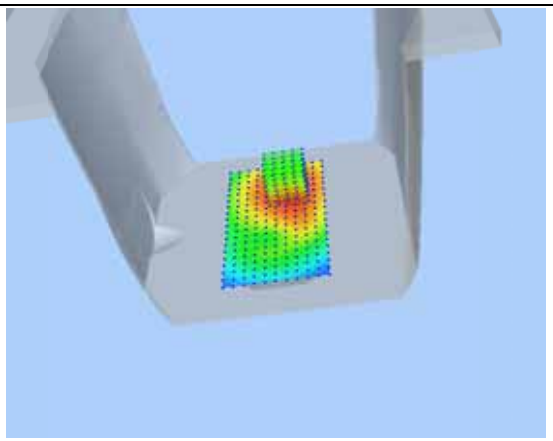
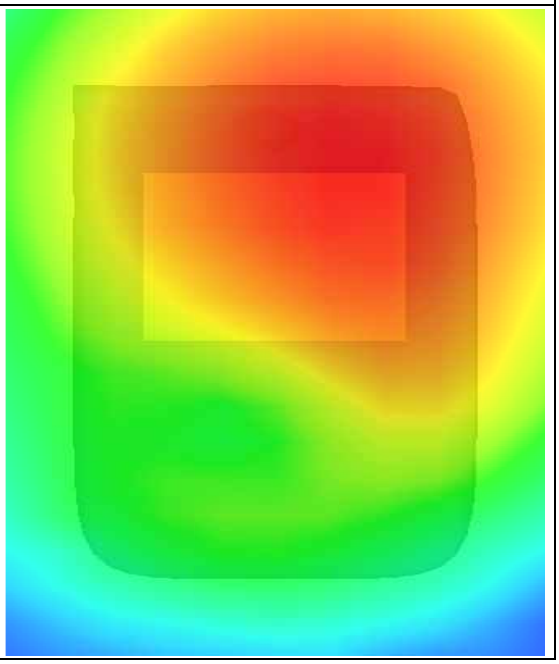
SURFACE SAR	VOLUME SAR
	

Maximum location: X=11.00, Y=35.00
SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.125644
SAR 1g (W/Kg)	0.160677

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 42

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 9 minutes 10 seconds

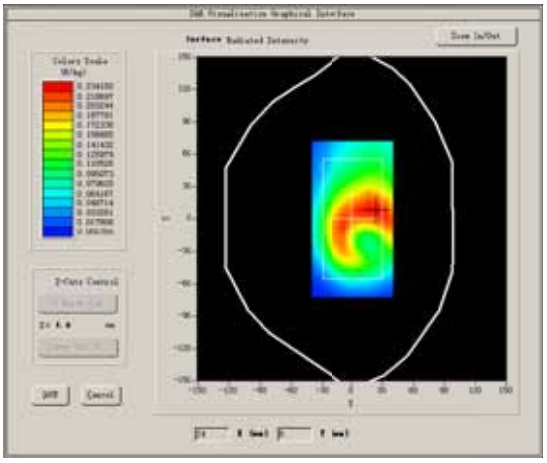
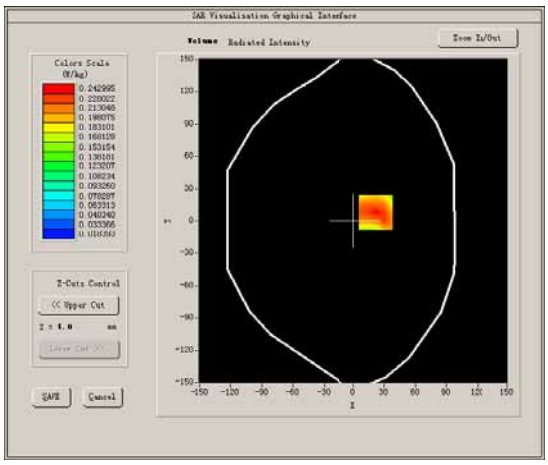
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

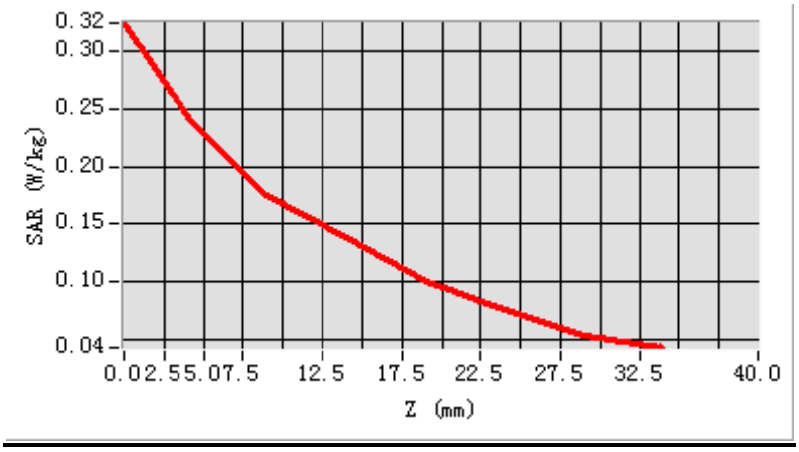
Frequency (MHz)	5745.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-0.710000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.47
Crest factor:	1:1

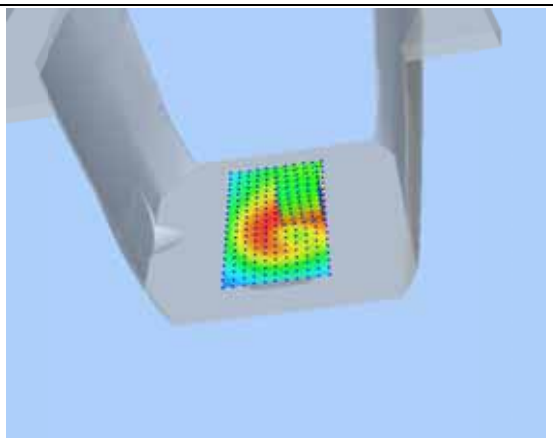
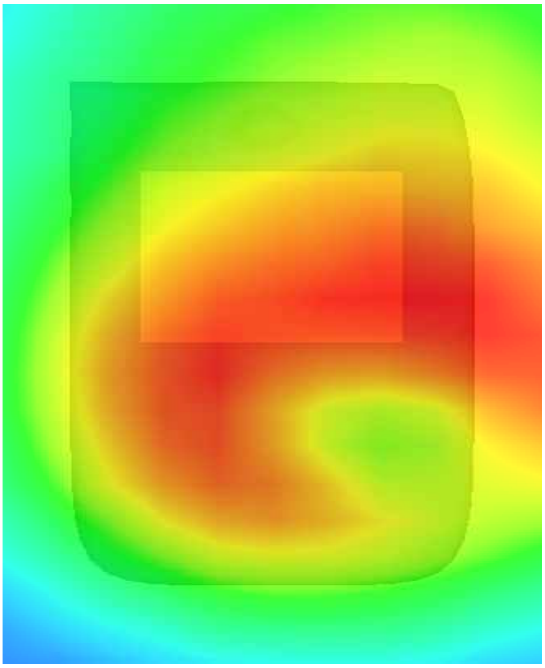
SURFACE SAR	VOLUME SAR
	

Maximum location: X=22.00, Y=8.00
SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.179411
SAR 1g (W/Kg)	0.254298

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 43

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 9 minutes 10 seconds

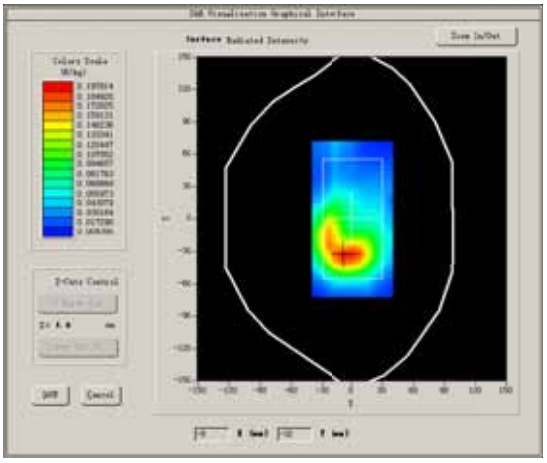
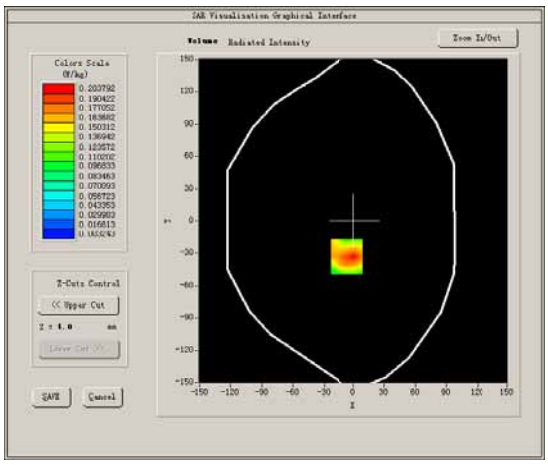
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

Frequency (MHz)	5745.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-1.230000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.47
Crest factor:	1:1

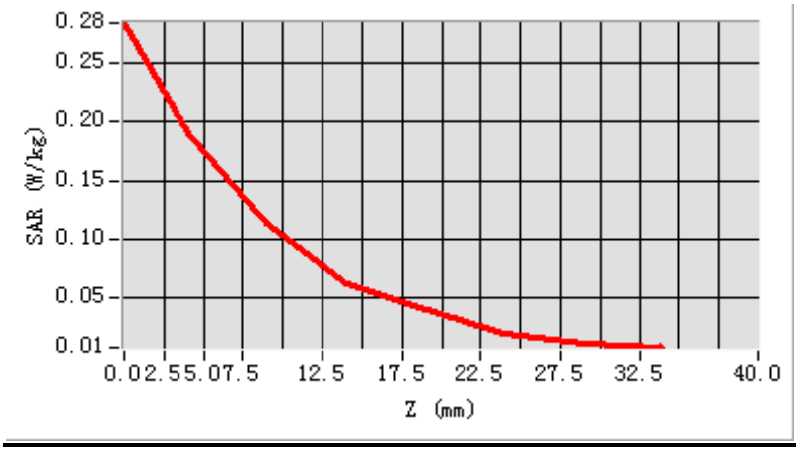
SURFACE SAR	VOLUME SAR
	

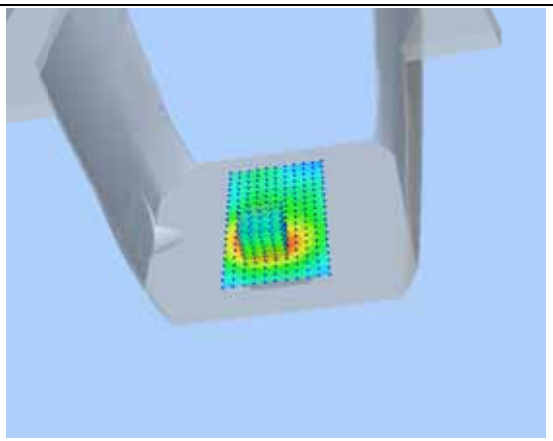
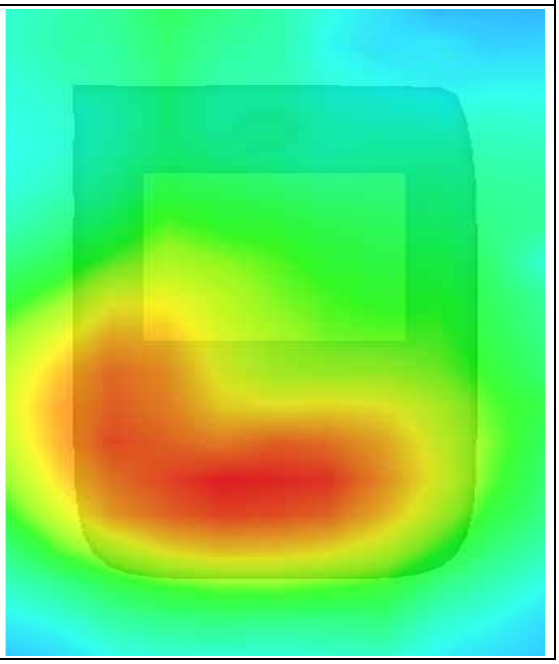
Maximum location: X=-7.00, Y=-33.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.115834
SAR 1g (W/Kg)	0.206937

Z axis scan



3D screen shot	Hot spot position
	

MEASUREMENT 44

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=4mm, dy=4mm, dz=2mm

Date of measurement: 2014.4.26

Measurement duration: 9 minutes 10 seconds

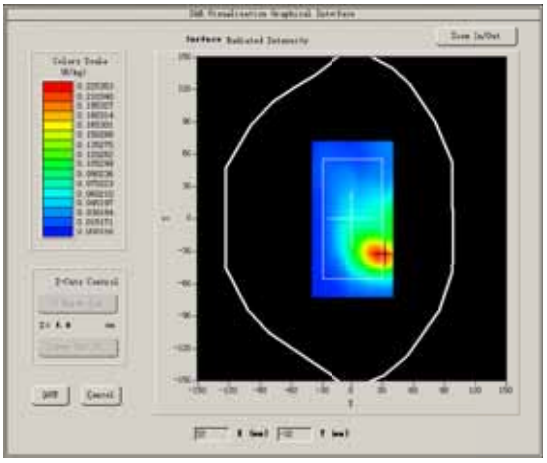
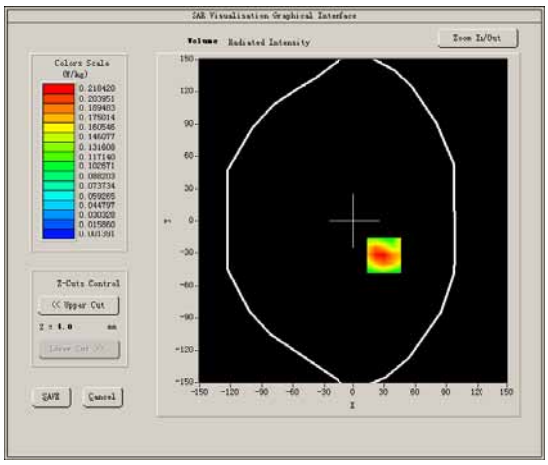
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	802.11a
Channels	Low
Signal	OFDM

B. SAR Measurement Results

Low Band SAR (Channel 149)

Frequency (MHz)	5745.000000
Relative permittivity (real part)	48.093428
Conductivity (S/m)	5.930716
Power drift (%)	-0.790000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	26.47
Crest factor:	1:1

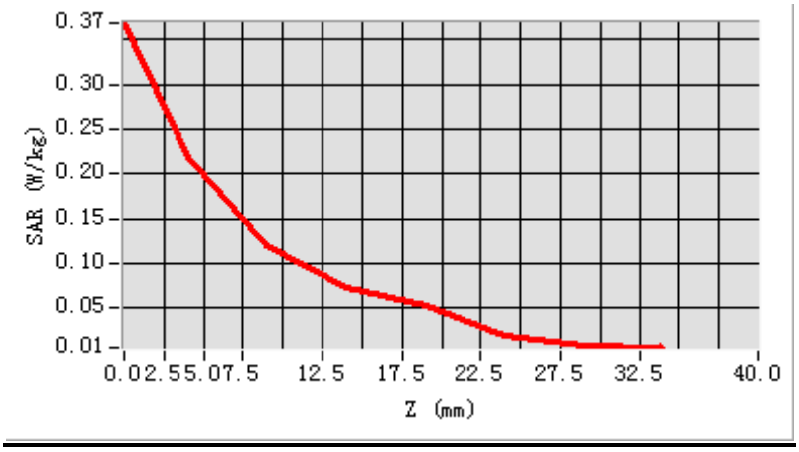
SURFACE SAR	VOLUME SAR
	

Maximum location: X=30.00, Y=-32.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.126022
SAR 1g (W/Kg)	0.233345

Z axis scan



3D screen shot	Hot spot position