	Annex B: Measurement Results
	Tested Model: PG-103
	Report Number: FCC17070748A-SAR

MEASUREMENT 1

Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 21/11/2017

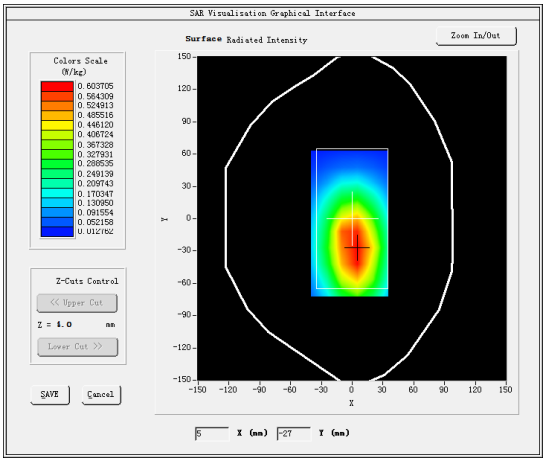
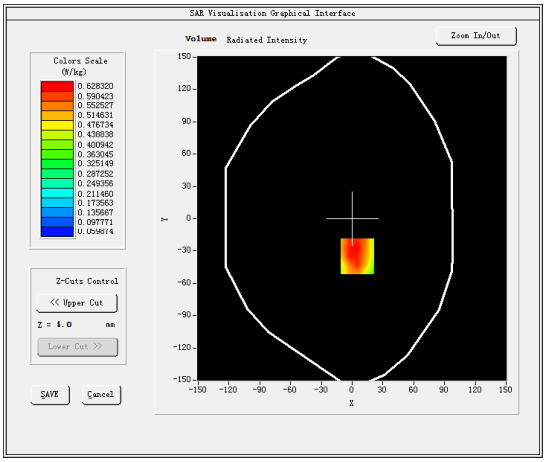
Measurement duration: 10 minutes 29 seconds

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (GPRS850_4Tx)
Channels	Low
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Conversion factor	5.07

B. SAR Measurement Results

Frequency (MHz)	824.200012
Relative permittivity (real part)	54.022579
Relative permittivity (imaginary part)	21.248079
Conductivity (S/m)	0.972926
Variation (%)	-0.210000

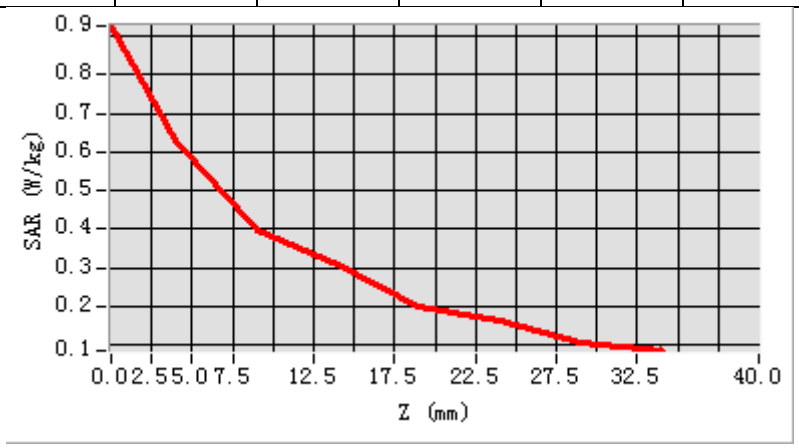
SURFACE SAR	VOLUME SAR
	

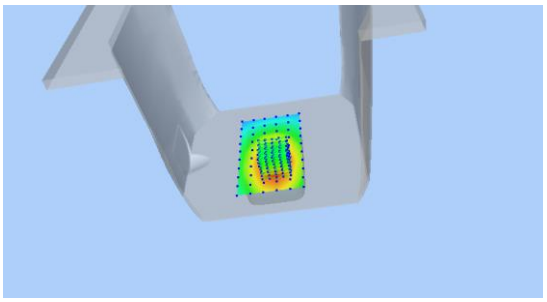
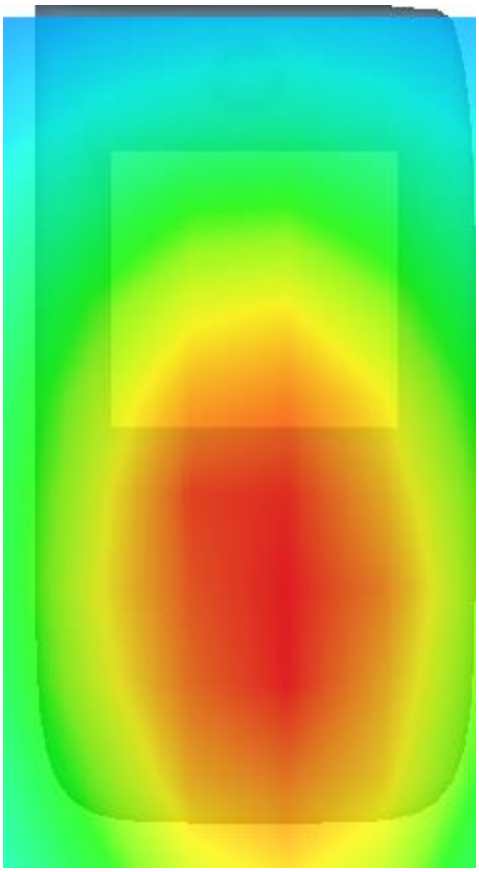
Maximum location: X=5.00, Y=-35.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.358331
SAR 1g (W/Kg)	0.605783

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9265	0.6283	0.3986	0.3074	0.1996	0.1633	0.1062



3D screen shot	Hot spot position
	

MEASUREMENT 2

Rear-side-high

Type: Phone measurement (Complete)

Date of measurement: 21/11/2017

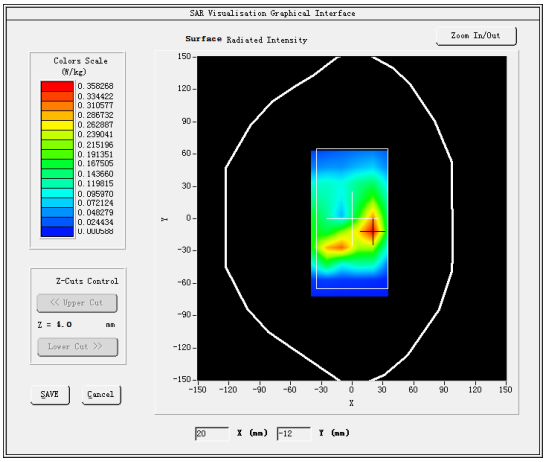
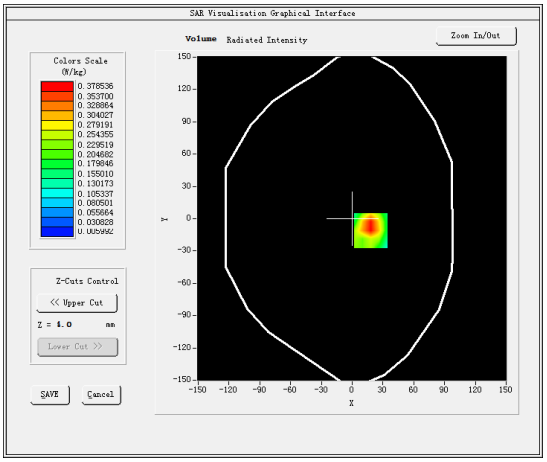
Measurement duration: 11 minutes 9 seconds

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	CUSTOM (GPRS1900 4Tx)
Channels	High
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Conversion factor	4.78

B. SAR Measurement Results

Frequency (MHz)	1909.800049
Relative permittivity (real part)	53.368881
Relative permittivity (imaginary part)	14.769660
Conductivity (S/m)	1.567061
Variation (%)	0.300000

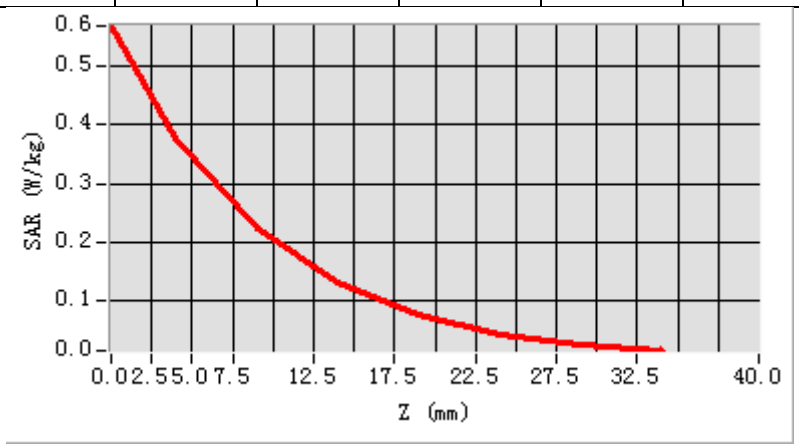
SURFACE SAR	VOLUME SAR
	

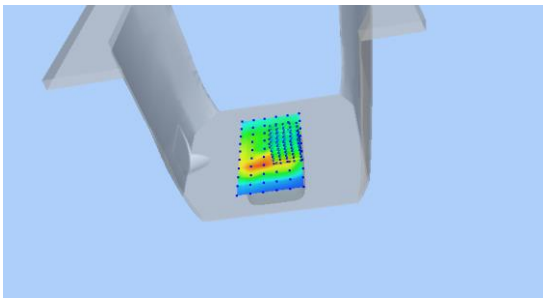
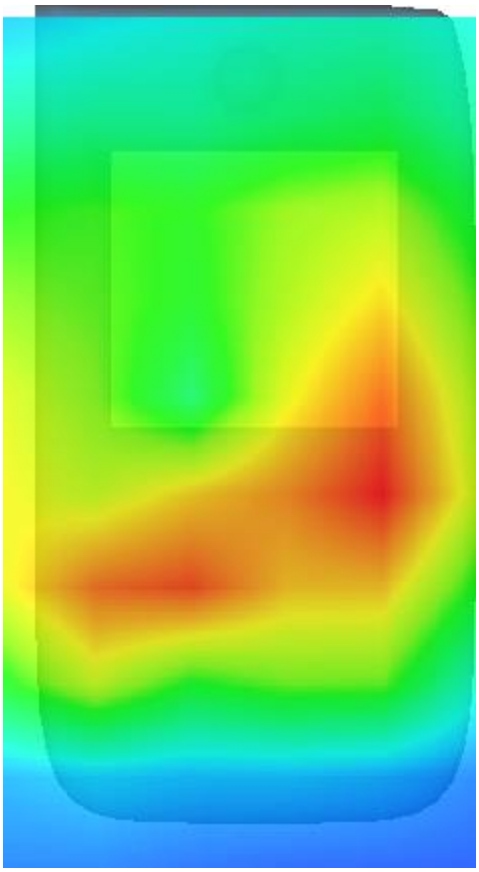
Maximum location: X=18.00, Y=-11.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.257905
SAR 1g (W/Kg)	0.329109

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5694	0.3785	0.2218	0.1291	0.0750	0.0423	0.0243



3D screen shot	Hot spot position
	

MEASUREMENT 3

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 21/11/2017

Measurement duration: 11 minutes 17 seconds

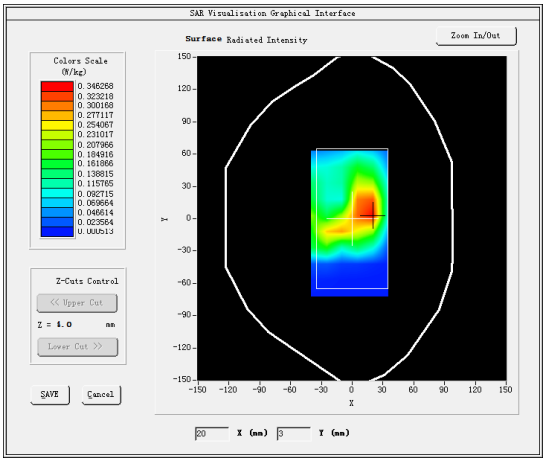
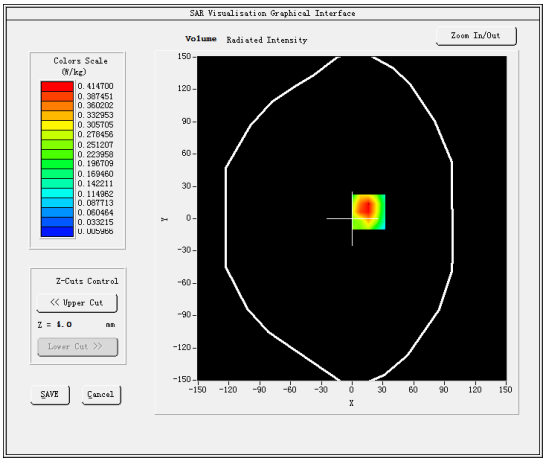
A. Experimental conditions.

Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band2 WCDMA1900
Channels	Middle
Signal	Duty cycle:1:1
Conversion factor	4.78

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.914200
Relative permittivity (imaginary part)	13.434300
Conductivity (S/m)	1.403138
Variation (%)	0.350000

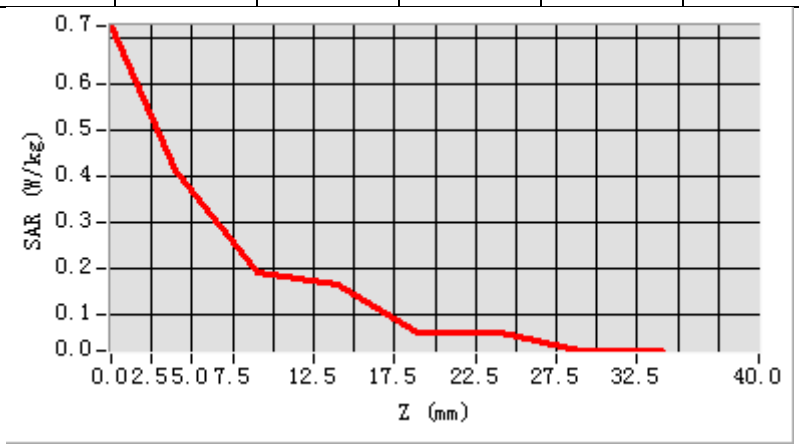
SURFACE SAR	VOLUME SAR
	

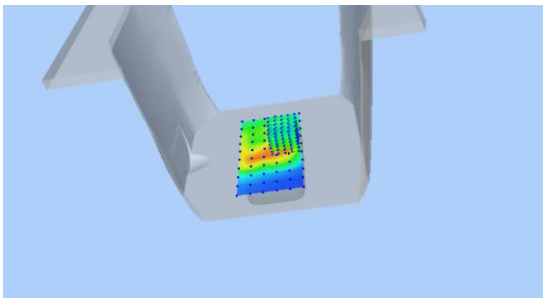
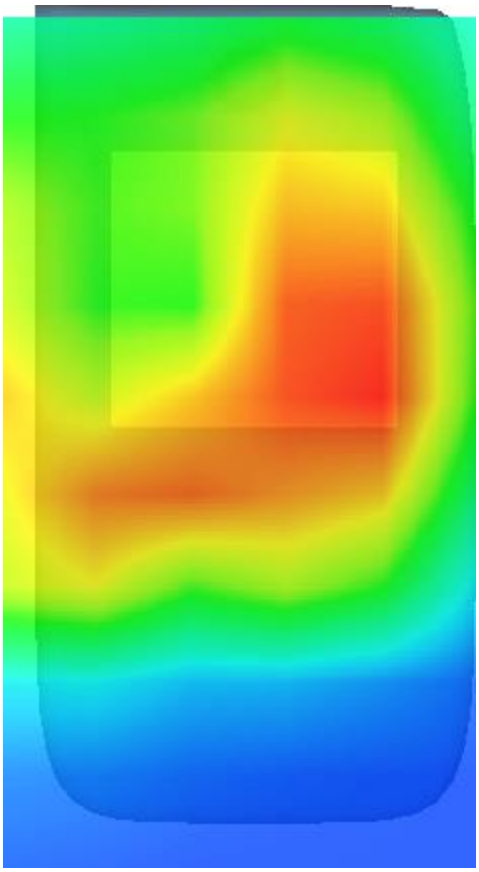
Maximu location: X=16.00, Y=6.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.275747
SAR 1g (W/Kg)	0.429876

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7273	0.4147	0.1920	0.1676	0.0607	0.0635	0.0227



3D screen shot	Hot spot position
	

MEASUREMENT 4

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 21/11/2017

Measurement duration: 11 minutes 29 seconds

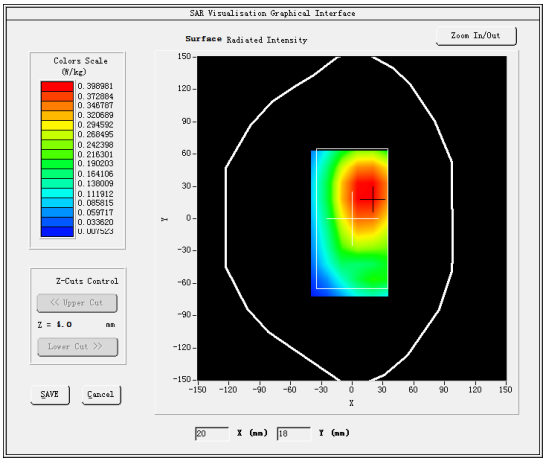
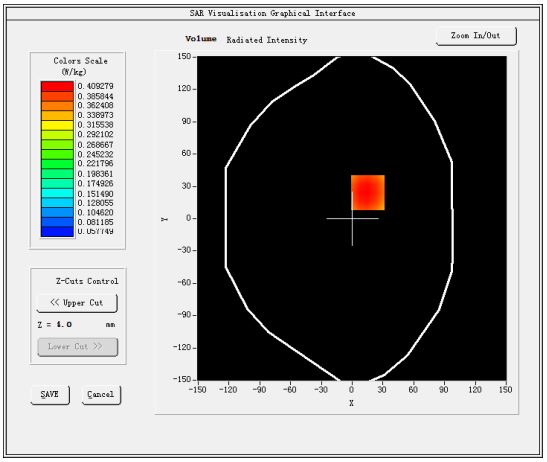
A. Experimental conditions.

Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band5 WCDMA850
Channels	Middle
Signal	Duty cycle:1:1
Conversion factor	5.07

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.916260
Relative permittivity (imaginary part)	21.316219
Conductivity (S/m)	0.990494
Variation (%)	-0.500000

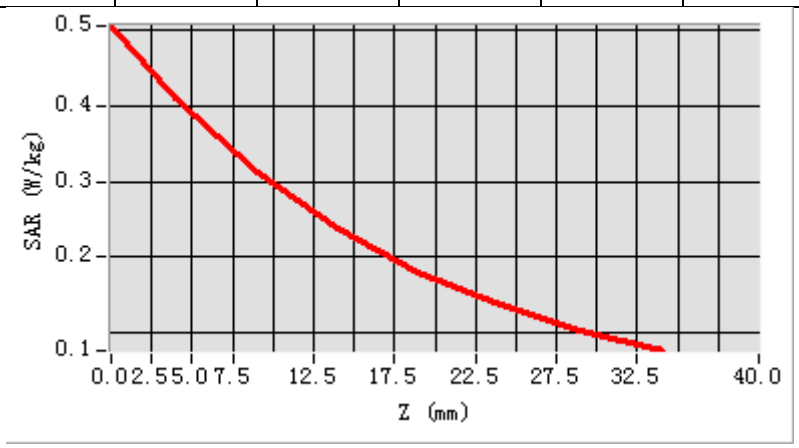
SURFACE SAR	VOLUME SAR
	

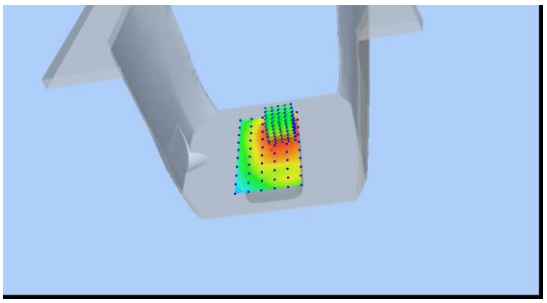
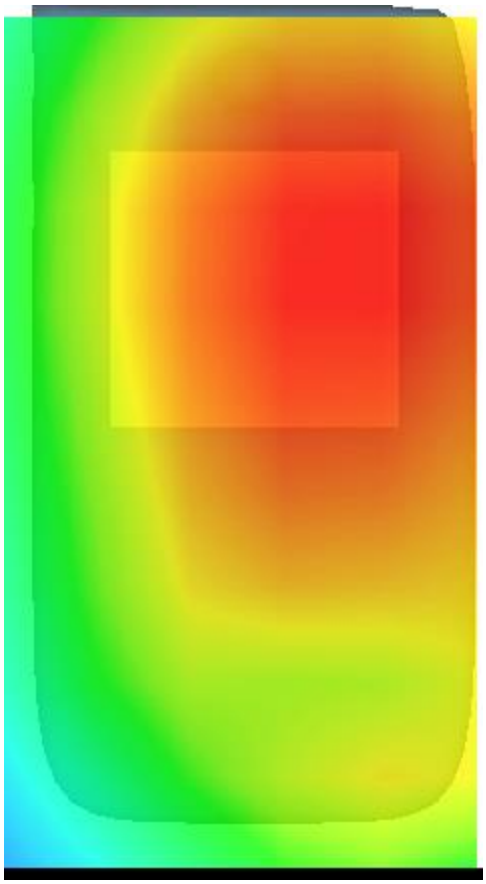
Maximum location: X=15.00, Y=24.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.257215
SAR 1g (W/Kg)	0.356453

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5047	0.4093	0.3131	0.2386	0.1805	0.1368	0.1027



3D screen shot	Hot spot position
	

MEASUREMENT 5

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 22/11/2017

Measurement duration: 10 minutes 57 seconds

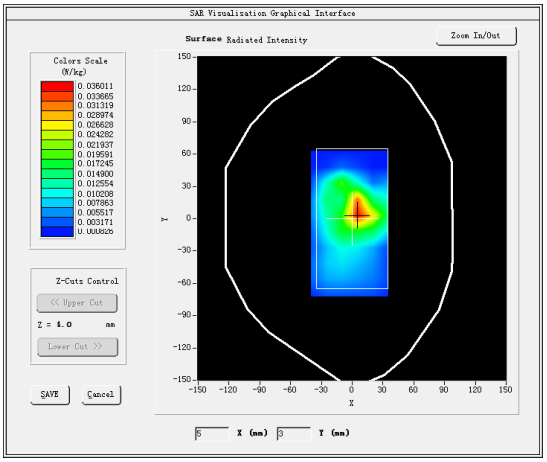
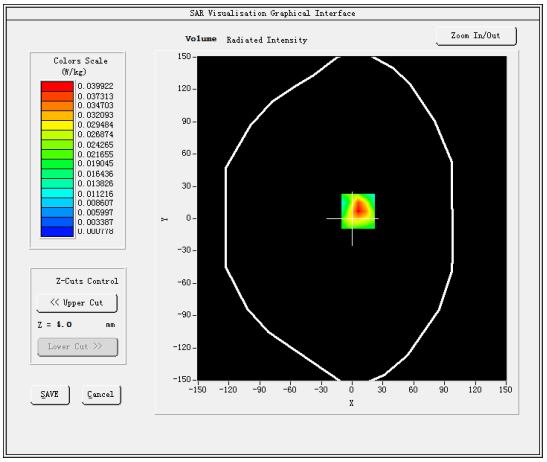
A. Experimental conditions.

Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Middle
Signal	Duty cycle:1:1
Conversion factor	4.11

B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.756401
Relative permittivity (imaginary part)	14.076200
Conductivity (S/m)	1.909671
Variation (%)	-0.260000

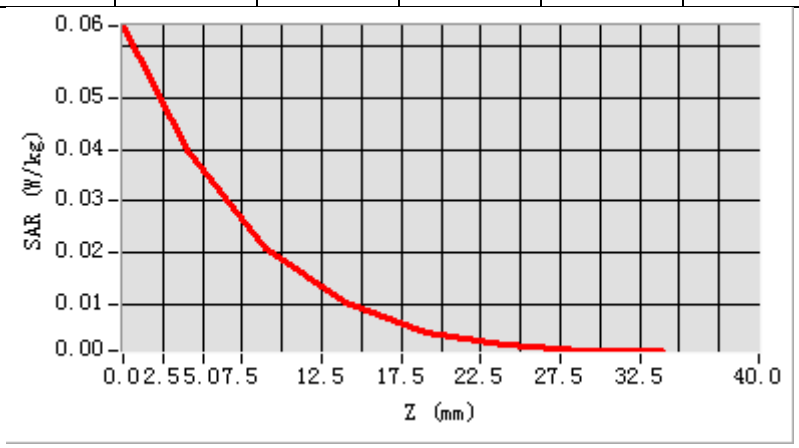
SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=7.00

SAR Peak: 0.07W/kg

SAR 10g (W/Kg)	0.035808
SAR 1g (W/Kg)	0.053424

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0741	0.0399	0.0207	0.0102	0.0045	0.0020	0.0010



3D screen shot	Hot spot position