	Annex B: Measurement Results
	Tested Model : WM036
	Report Number: FCC17050471A

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 24/6/2017

Measurement duration: 8 minutes 33 seconds

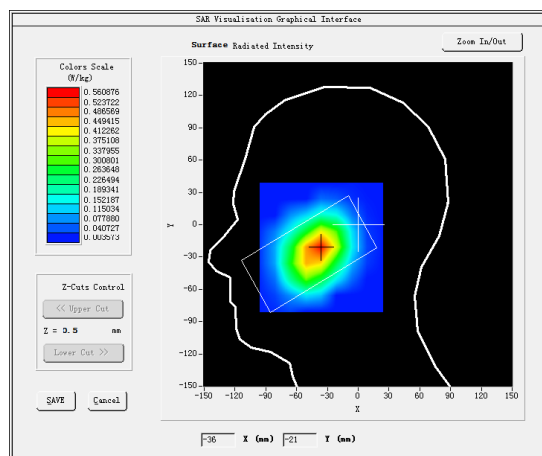
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

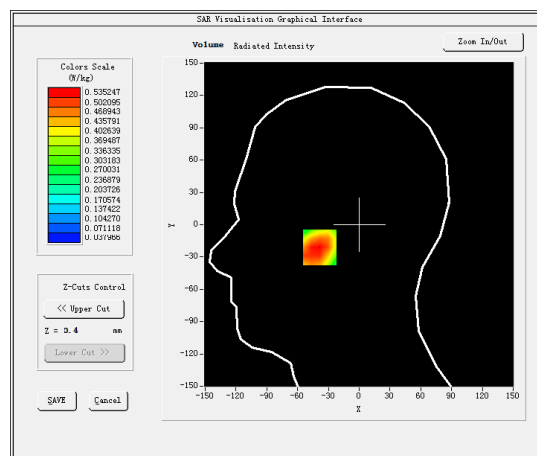
B. SAR Measurement Results

Frequency (MHz)	848.799988
Relative permittivity (real part)	40.053120
Relative permittivity (imaginary part)	19.917360
Conductivity (S/m)	0.939214
Variation (%)	2.020000

SURFACE SAR



VOLUME SAR

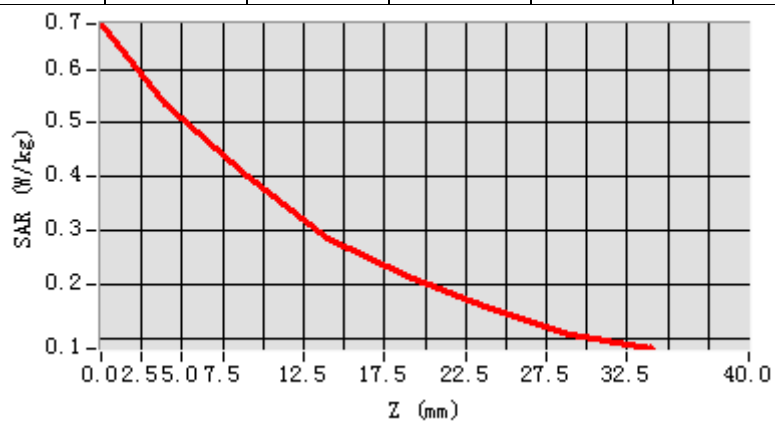


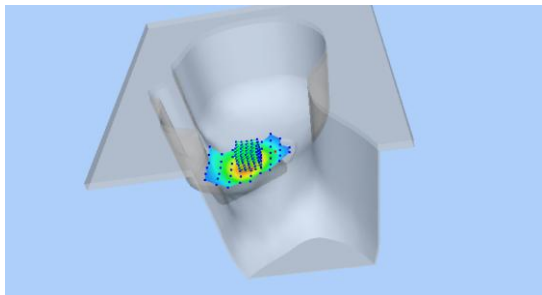
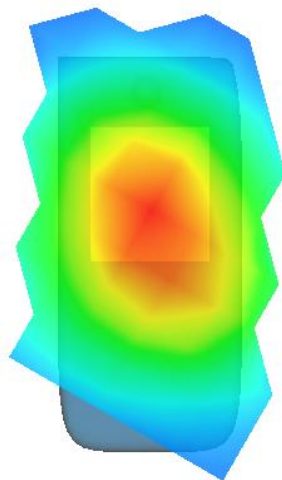
Maximum location: X=-37.00, Y=-21.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.363743
SAR 1g (W/Kg)	0.535740

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6834	0.5352	0.4003	0.2853	0.2152	0.1590	0.1083



3D screen shot	Hot spot position
	

MEASUREMENT 2

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 24/6/2017

Measurement duration: 7 minutes 39 seconds

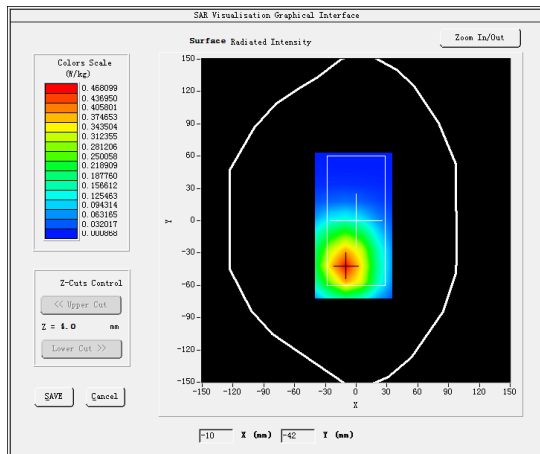
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

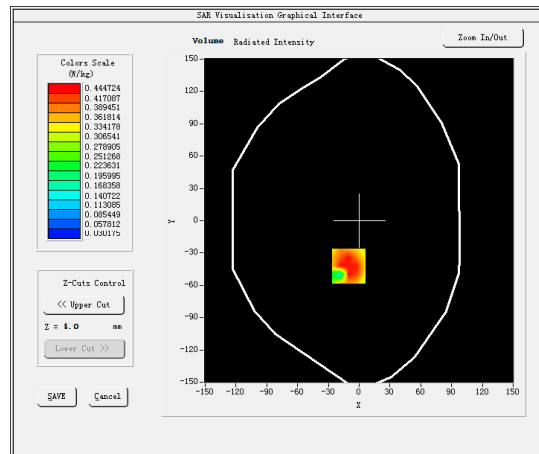
B. SAR Measurement Results

Frequency (MHz)	848.799988
Relative permittivity (real part)	53.755020
Relative permittivity (imaginary part)	21.411160
Conductivity (S/m)	1.009655
Variation (%)	1.330000

SURFACE SAR



VOLUME SAR

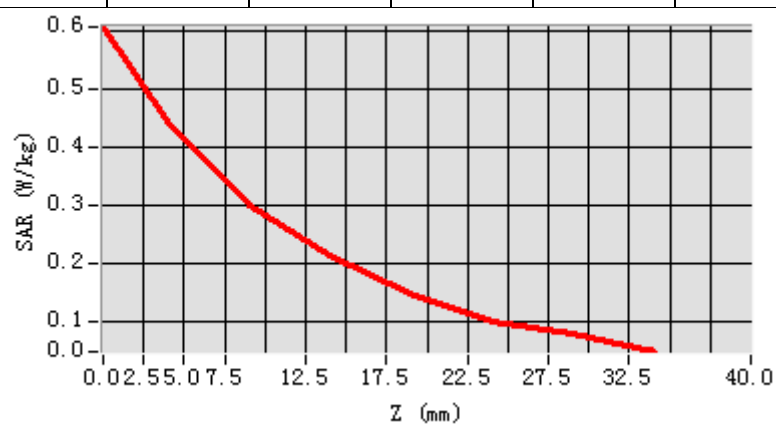


Maximum location: X=-10.00, Y=-42.00

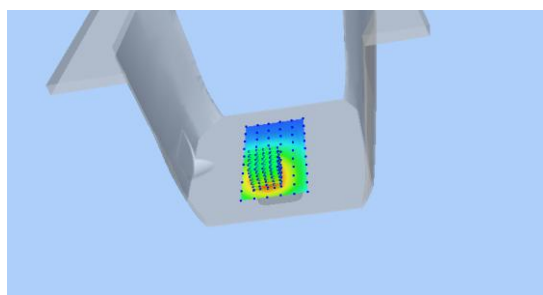
SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.275183
SAR 1g (W/Kg)	0.444199

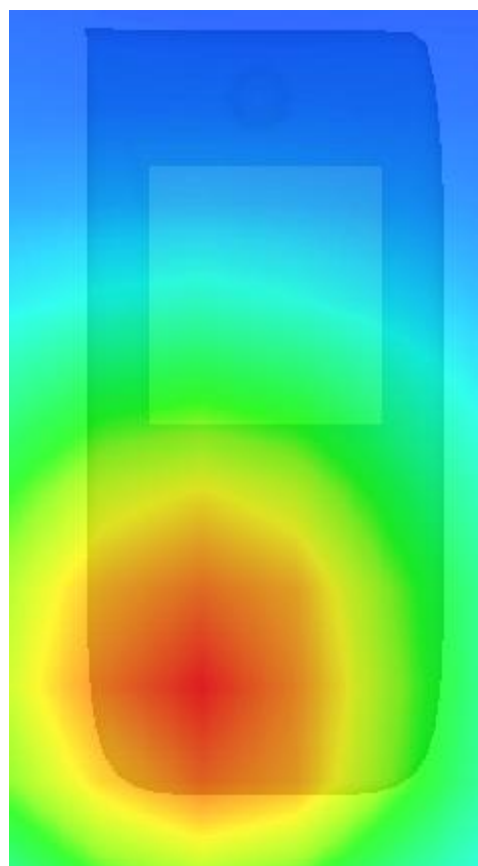
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6063	0.4447	0.2987	0.2125	0.1494	0.1010	0.0796



3D screen shot



Hot spot position



MEASUREMENT 3

Rear-side-high

Type: Phone measurement (Complete)

Date of measurement: 24/6/2017

Measurement duration: 7 minutes 58 seconds

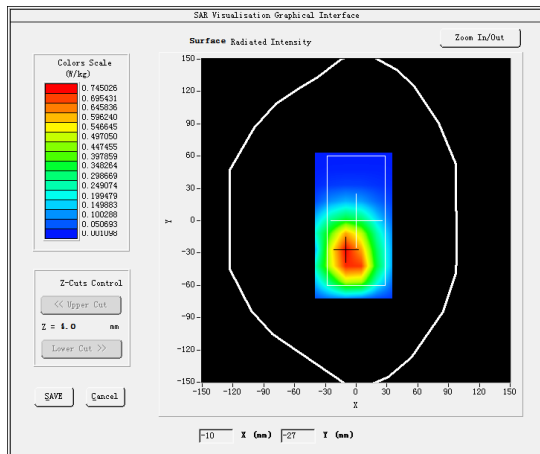
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

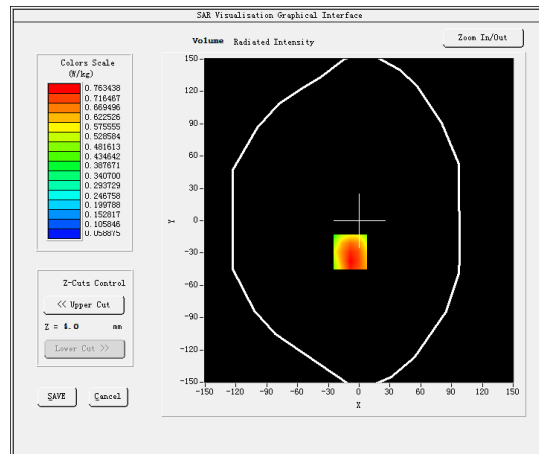
B. SAR Measurement Results

Frequency (MHz)	848.799988
Relative permittivity (real part)	53.755020
Relative permittivity (imaginary part)	21.411160
Conductivity (S/m)	1.009655
Variation (%)	4.080000

SURFACE SAR



VOLUME SAR

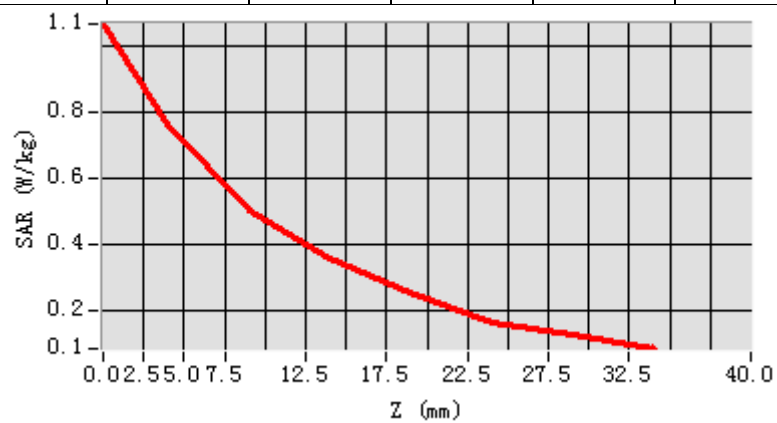


Maximum location: X=-9.00, Y=-29.00

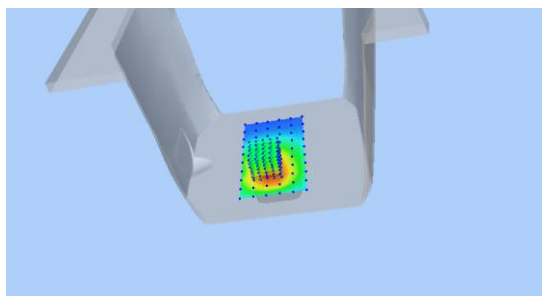
SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.490676
SAR 1g (W/Kg)	0.744449

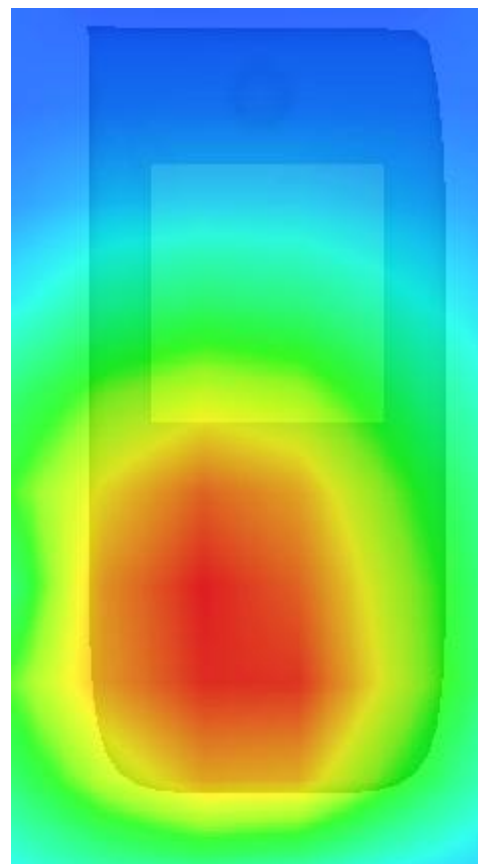
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0653	0.7634	0.5066	0.3608	0.2538	0.1673	0.1274



3D screen shot



Hot spot position



MEASUREMENT 4

Type: Phone measurement (Complete)

Date of measurement: 23/6/2017

Measurement duration: 17 minutes 34 seconds

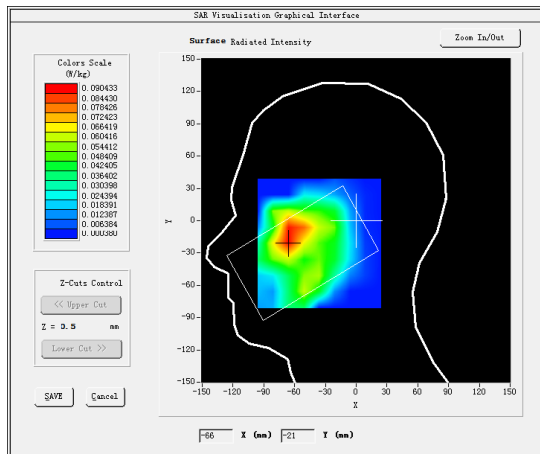
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm</u> <u>dz=5mm,Complete/ndx=15mm</u> <u>dy=15mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

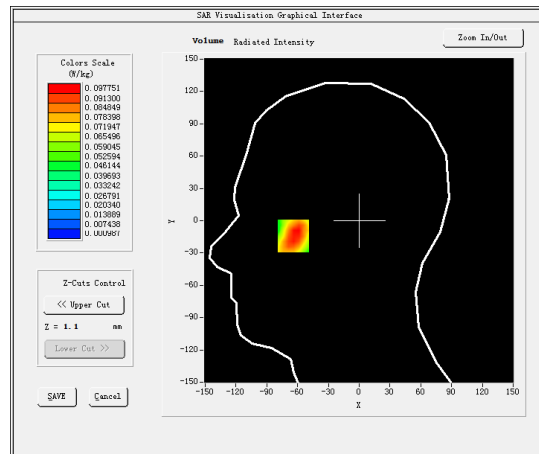
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.914200
Relative permittivity (imaginary part)	13.434300
Conductivity (S/m)	1.403138
Variation (%)	-0.120000

SURFACE SAR



VOLUME SAR

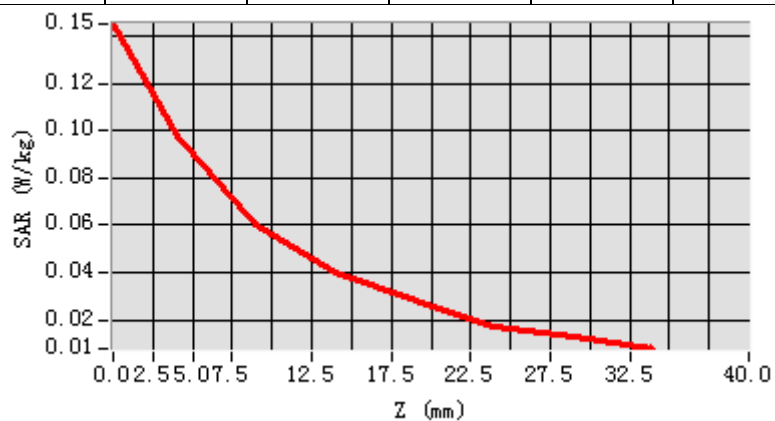


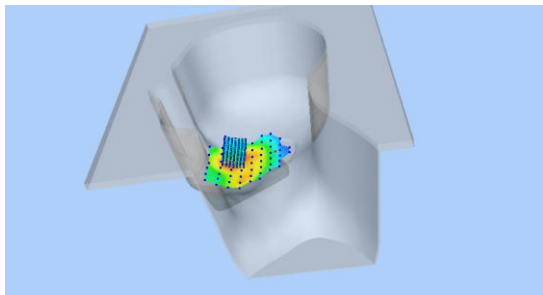
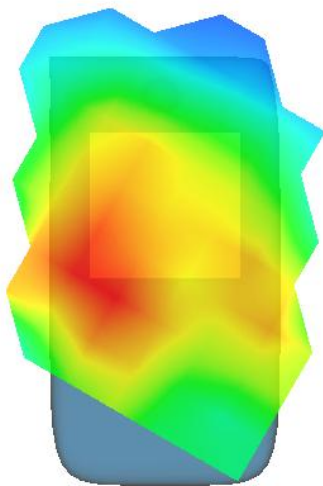
Maximum location: X=-64.00, Y=-13.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.026328
SAR 1g (W/Kg)	0.033110

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1452	0.0978	0.0603	0.0396	0.0278	0.0168	0.0127



3D screen shot	Hot spot position
	

MEASUREMENT 5

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 23/6/2017

Measurement duration: 10 minutes 14 seconds

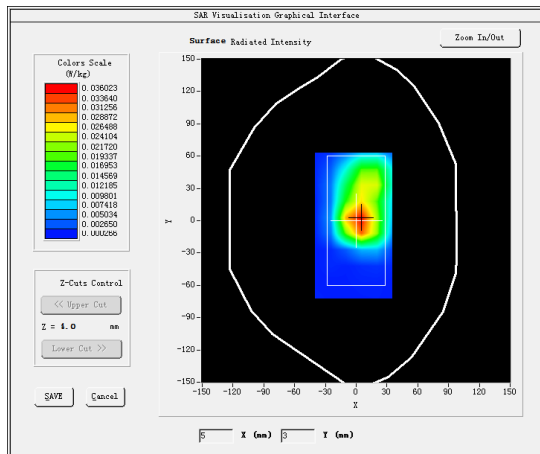
A. Experimental conditions.

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

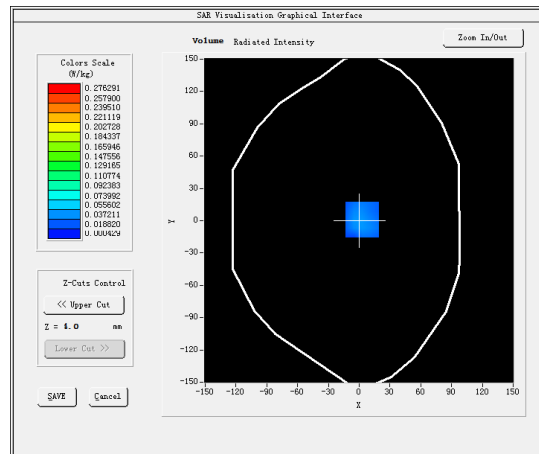
B. SAR Measurement Results

Frequency (MHz)	1909.800049
Relative permittivity (real part)	53.368881
Relative permittivity (imaginary part)	14.769660
Conductivity (S/m)	1.567061
Variation (%)	3.240000

SURFACE SAR



VOLUME SAR

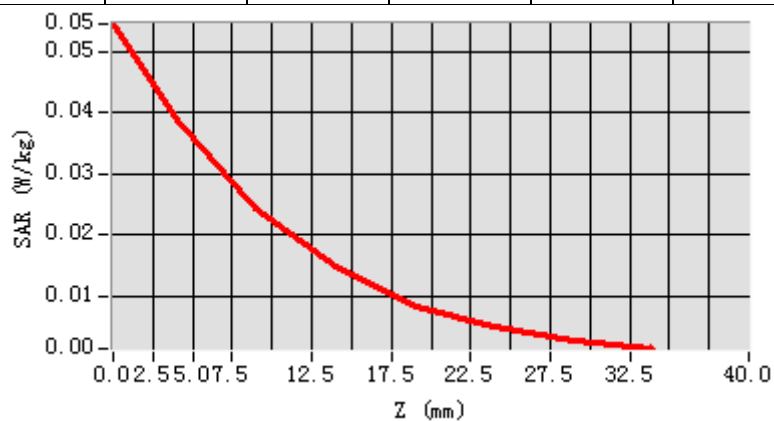


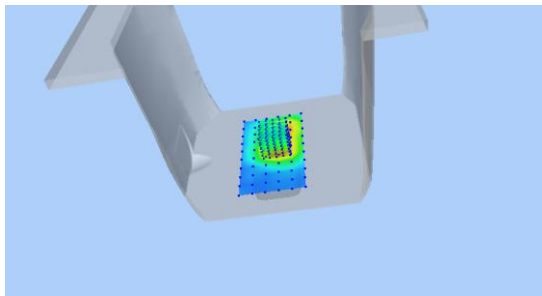
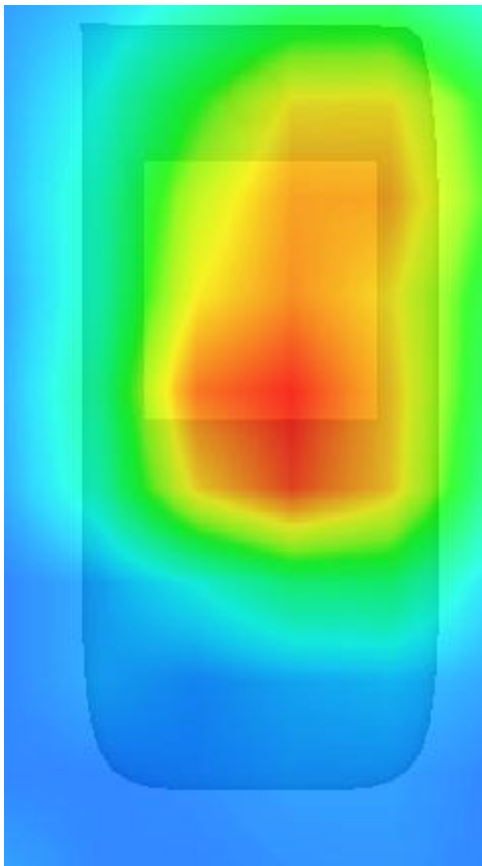
Maximum location: X=3.00, Y=1.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.021007
SAR 1g (W/Kg)	0.042565

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0545	0.0388	0.0243	0.0150	0.0084	0.0051	0.0028



3D screen shot	Hot spot position
	

MEASUREMENT 6

Rear-side-high

Type: Phone measurement (Complete)

Date of measurement: 23/6/2017

Measurement duration: 10 minutes 37 seconds

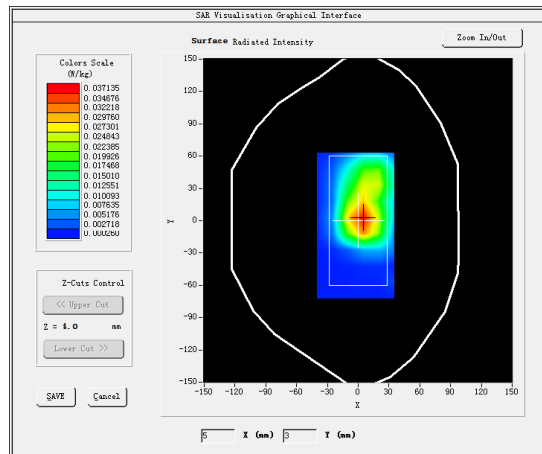
A. Experimental conditions.

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

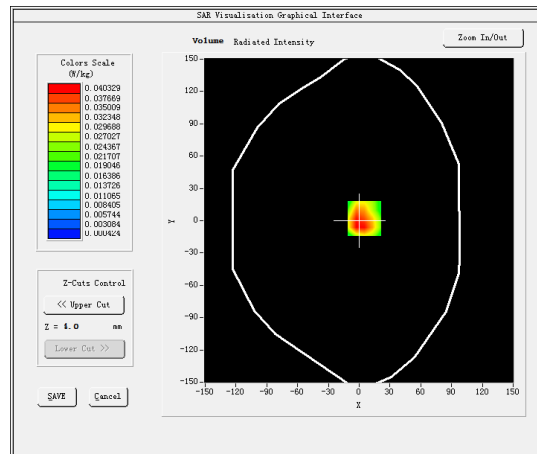
B. SAR Measurement Results

Frequency (MHz)	1909.800049
Relative permittivity (real part)	53.368881
Relative permittivity (imaginary part)	14.769660
Conductivity (S/m)	1.567061
Variation (%)	1.300000

SURFACE SAR



VOLUME SAR

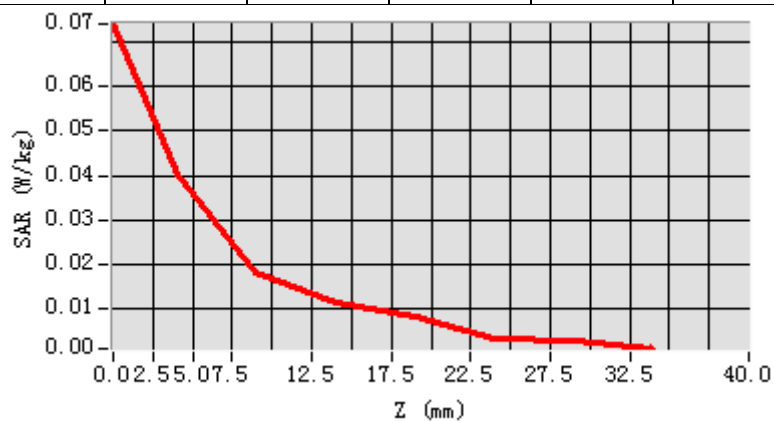


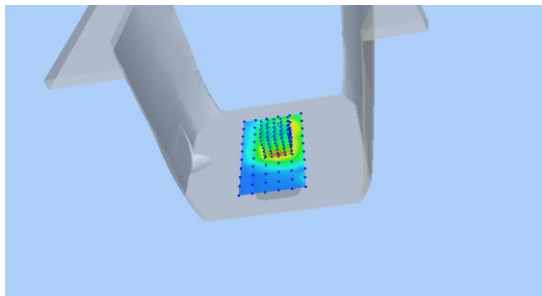
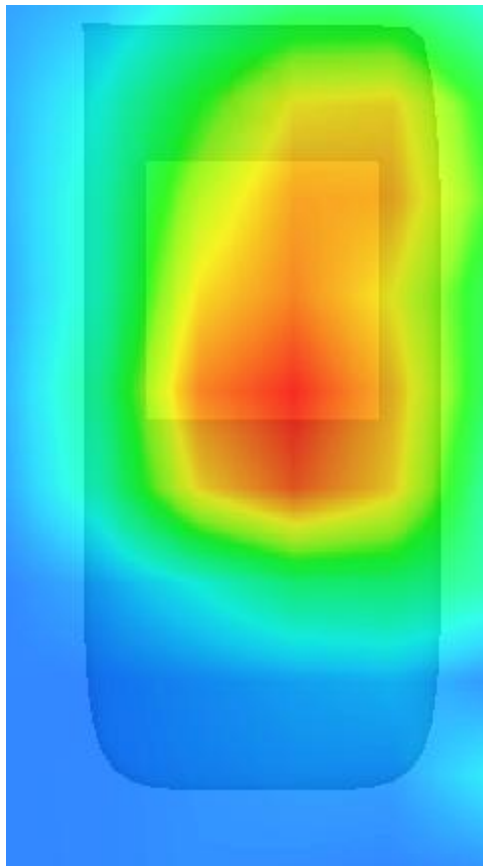
Maximum location: X=5.00, Y=2.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.027863
SAR 1g (W/Kg)	0.040772

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0741	0.0403	0.0183	0.0115	0.0081	0.0034	0.0029



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 24/6/2017

Measurement duration: 8 minutes 14 seconds

A. Experimental conditions.

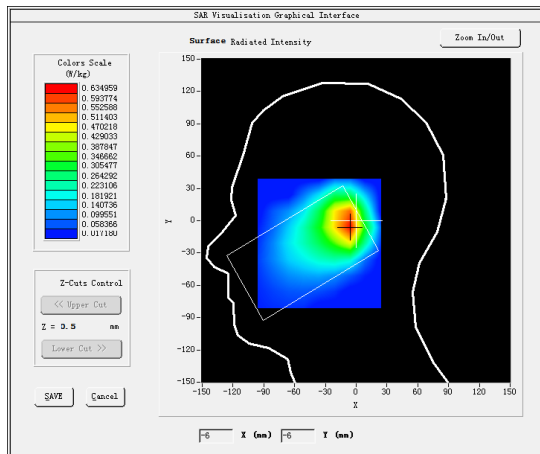
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

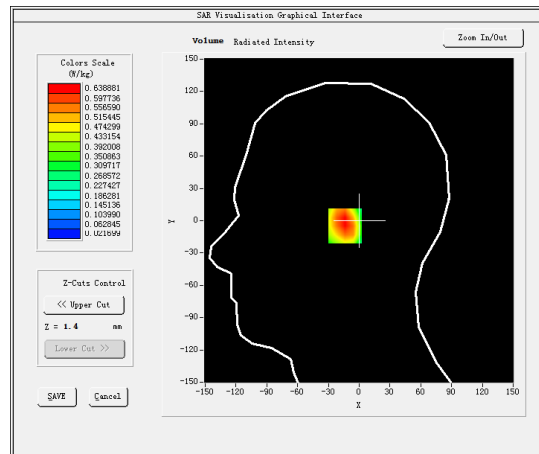
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.234680
Relative permittivity (imaginary part)	19.852501
Conductivity (S/m)	0.922480
Variation (%)	-2.330000

SURFACE SAR



VOLUME SAR

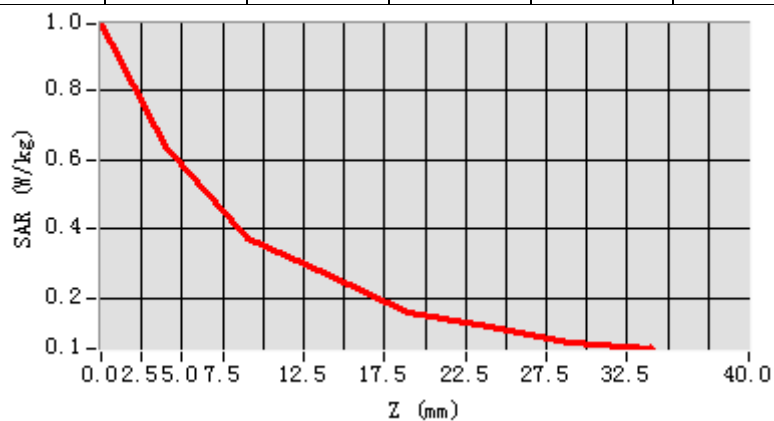


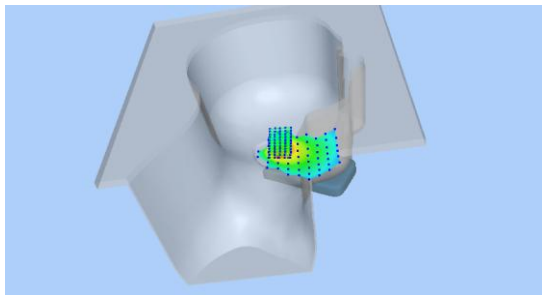
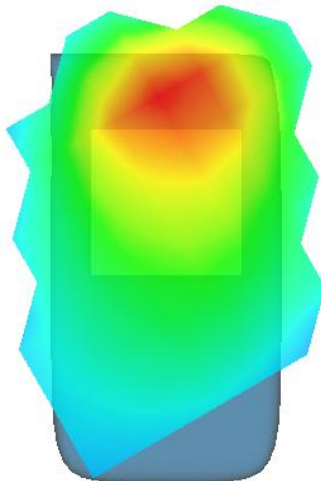
Maximum location: X=-8.00, Y=-5.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.186804
SAR 1g (W/Kg)	0.330613

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9910	0.6389	0.3712	0.2684	0.1585	0.1172	0.0706



3D screen shot	Hot spot position
	

MEASUREMENT 8

Towards-phantom-low

Type: Phone measurement (Complete)

Date of measurement: 26/6/2017

Measurement duration: 8 minutes 27 seconds

A. Experimental conditions.

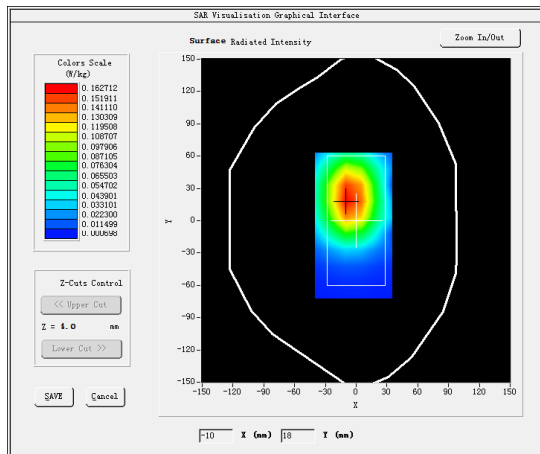
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

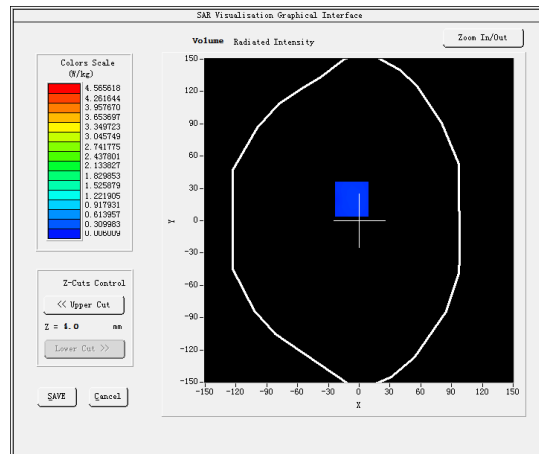
Lower Band SAR (Channel 4132):

Frequency (MHz)	826.400024
Relative permittivity (real part)	54.039879
Relative permittivity (imaginary part)	21.302919
Conductivity (S/m)	0.978041
Variation (%)	-2.000000

SURFACE SAR



VOLUME SAR

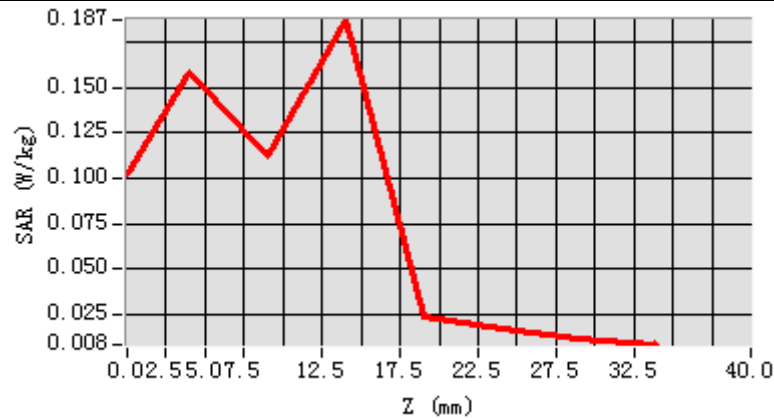


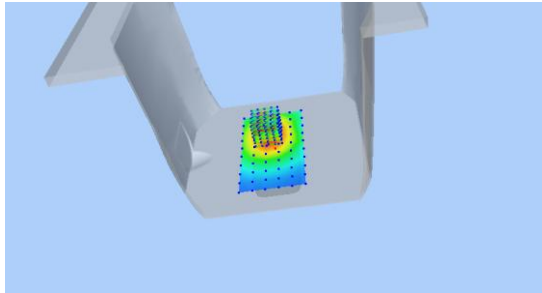
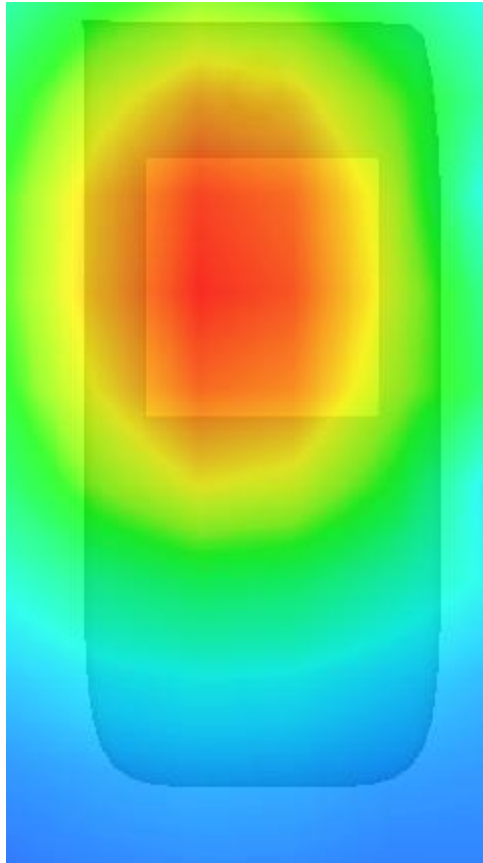
Maximum location: X=-7.00, Y=20.00

SAR Peak: 5.80 W/kg

SAR 10g (W/Kg)	0.242749
SAR 1g (W/Kg)	0.320145

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1017	0.1591	0.1123	0.1874	0.0238	0.0167	0.0116



3D screen shot	Hot spot position
	

MEASUREMENT 9

Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 24/6/2017

Measurement duration: 7 minutes 32 seconds

A. Experimental conditions.

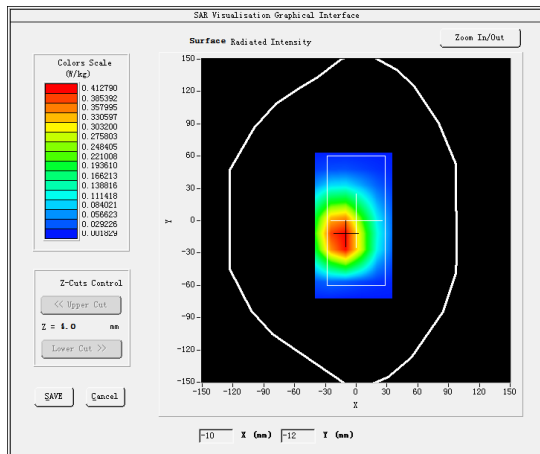
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

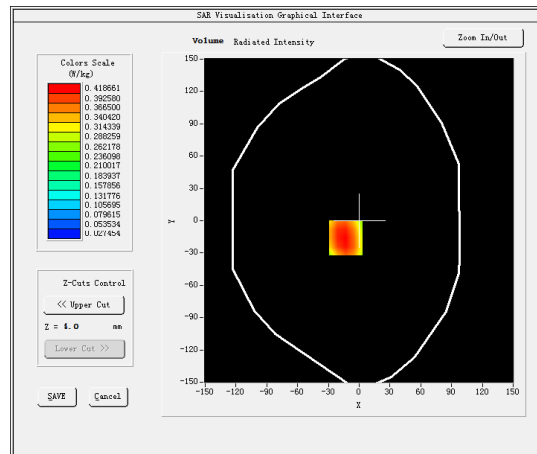
Lower Band SAR (Channel 4132):

Frequency (MHz)	826.400024
Relative permittivity (real part)	54.039879
Relative permittivity (imaginary part)	21.302919
Conductivity (S/m)	0.978041
Variation (%)	-0.820000

SURFACE SAR



VOLUME SAR

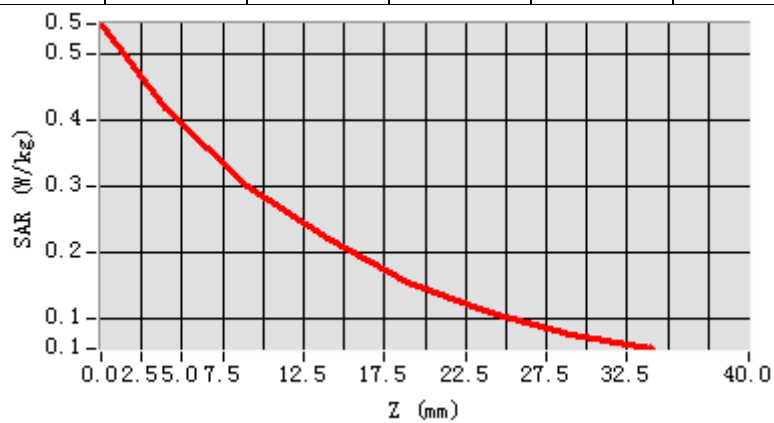


Maximum location: X=-13.00, Y=-16.00

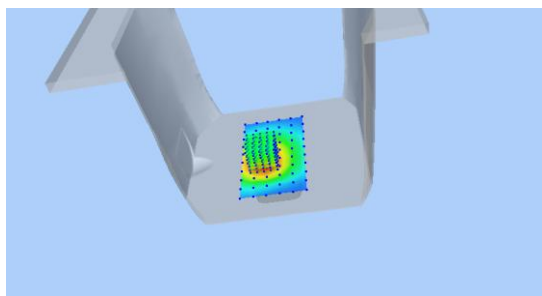
SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.279978
SAR 1g (W/Kg)	0.511455

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5464	0.4187	0.3002	0.2194	0.1551	0.1093	0.0755



3D screen shot



Hot spot position

