



Annex B: Measurement Results

Tested Model : UH0342

**Report Number:
FCC17080777A-SAR**

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 21/6/2017

Measurement duration: 8 minutes 45 seconds

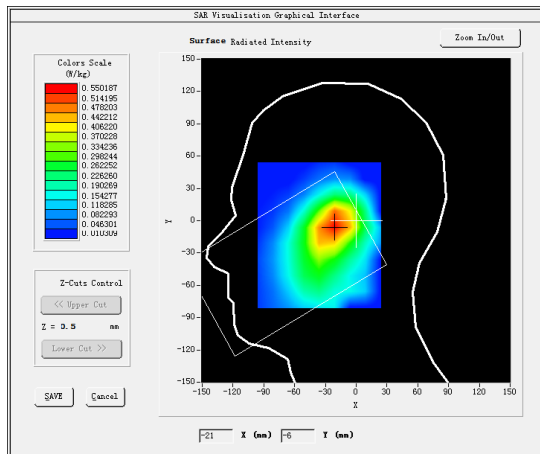
A. Experimental conditions.

<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>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

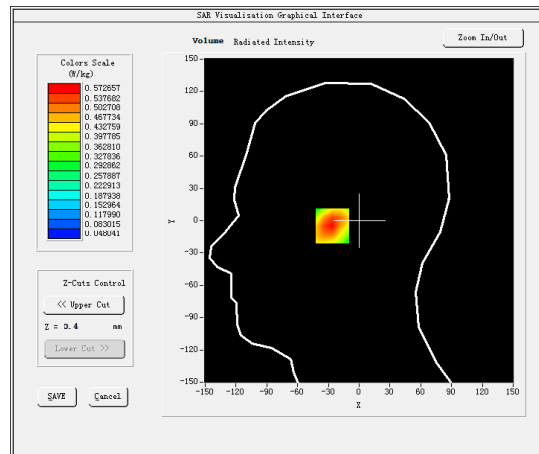
B. SAR Measurement Results

Frequency (MHz)	836.599976
Relative permittivity (real part)	40.236820
Relative permittivity (imaginary part)	19.854200
Conductivity (S/m)	0.922779
Variation (%)	2.960000

SURFACE SAR



VOLUME SAR

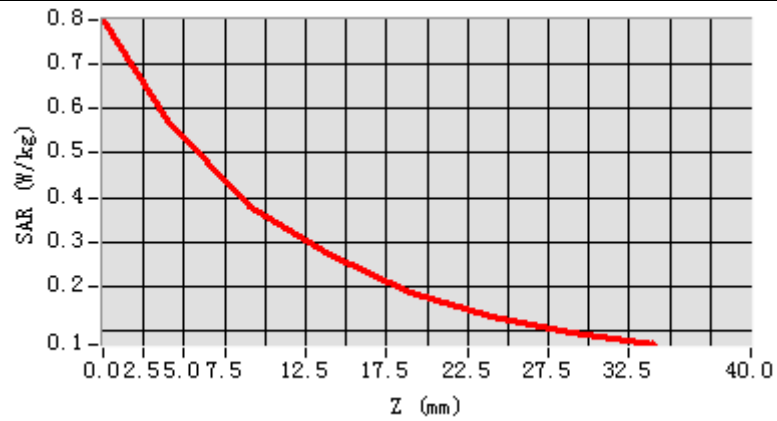


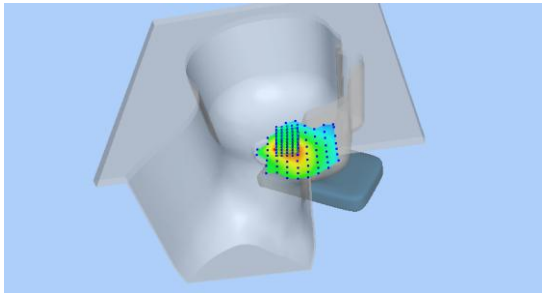
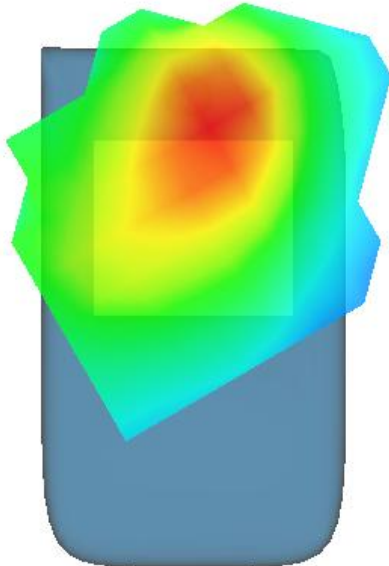
Maximum location: X=-21.00, Y=-5.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.360107
SAR 1g (W/Kg)	0.564679

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7982	0.5727	0.3785	0.2728	0.1867	0.1310	0.0985



3D screen shot	Hot spot position
	

MEASUREMENT 2

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 21/6/2017

Measurement duration: 7 minutes 59 seconds

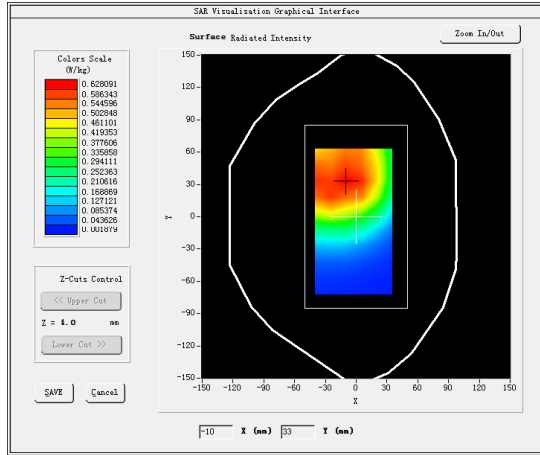
A. Experimental conditions.

<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>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

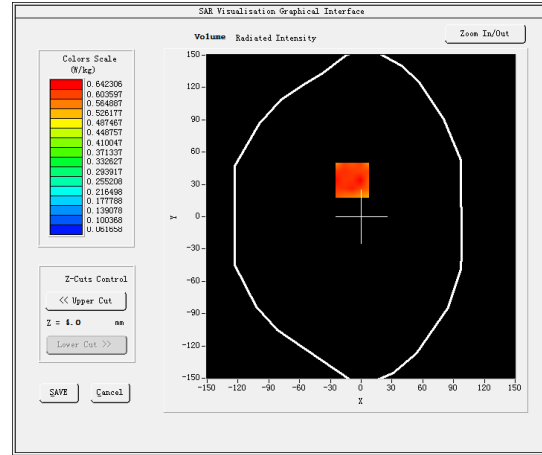
B. SAR Measurement Results

Frequency (MHz)	836.599976
Relative permittivity (real part)	53.915939
Relative permittivity (imaginary part)	21.299379
Conductivity (S/m)	0.989948
Variation (%)	-2.340000

SURFACE SAR



VOLUME SAR

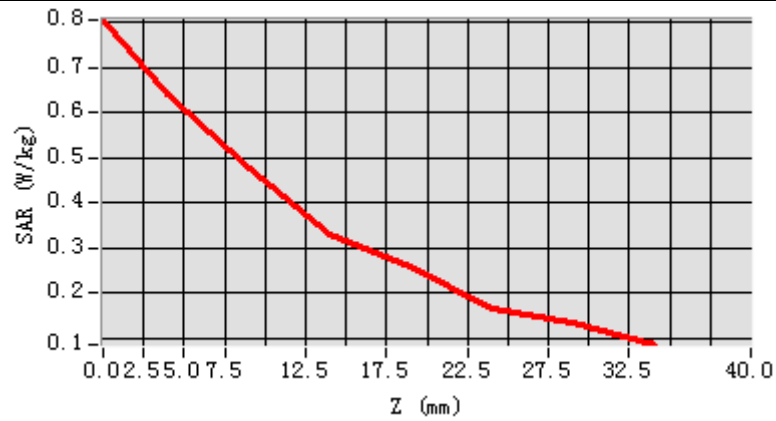


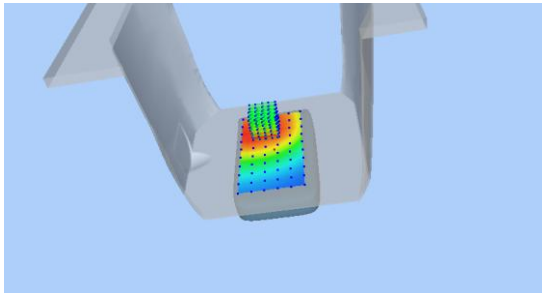
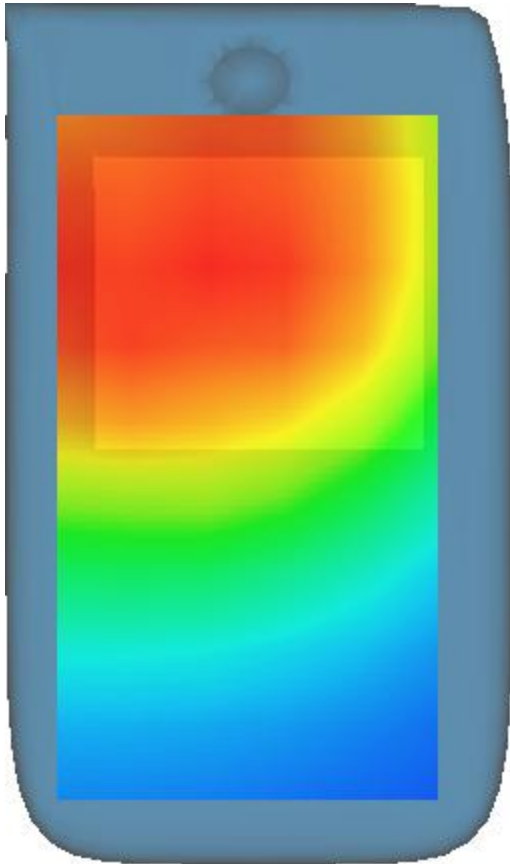
Maximum location: X=-9.00, Y=34.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.444092
SAR 1g (W/Kg)	0.616189

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8064	0.6423	0.4760	0.3293	0.2592	0.1667	0.1364



3D screen shot	Hot spot position
	

MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 21/6/2017

Measurement duration: 9 minutes 24 seconds

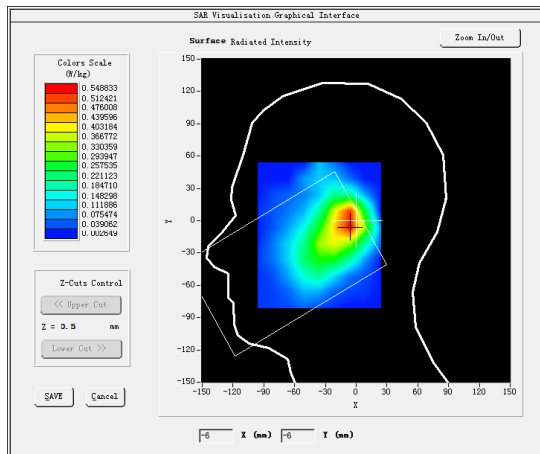
A. Experimental conditions.

<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>Tilt</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

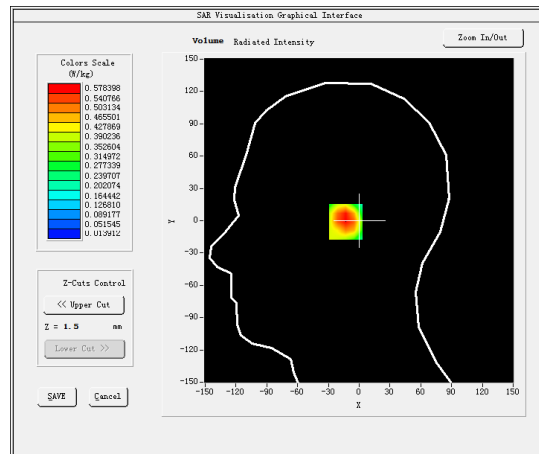
B. SAR Measurement Results

Frequency (MHz)	1850.199951
Relative permittivity (real part)	39.923779
Relative permittivity (imaginary part)	13.336920
Conductivity (S/m)	1.370887
Variation (%)	0.900000

SURFACE SAR



VOLUME SAR

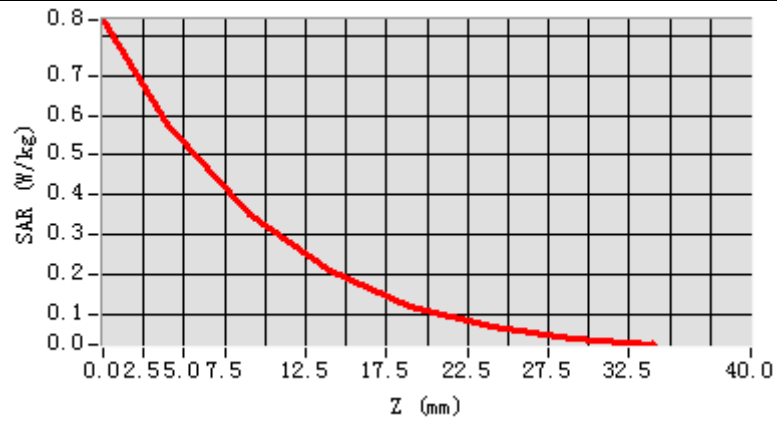


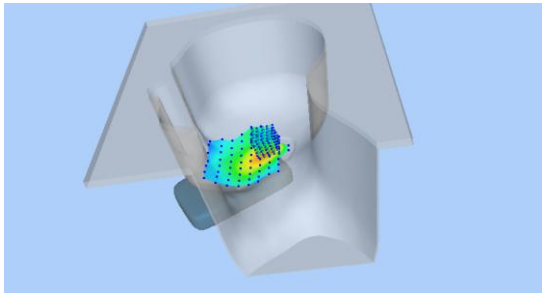
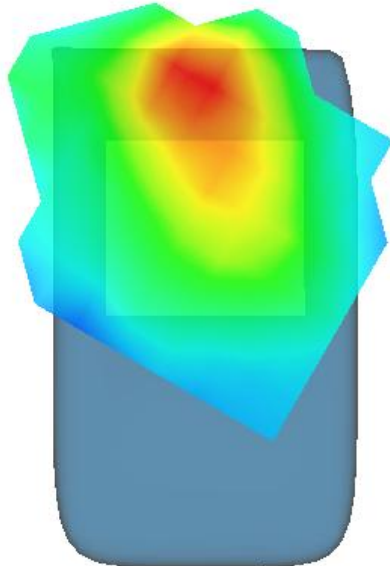
Maximum location: X=-7.00, Y=-1.00

SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)	0.313703
SAR 1g (W/Kg)	0.558728

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8406	0.5784	0.3492	0.2088	0.1172	0.0691	0.0404



3D screen shot	Hot spot position
	

MEASUREMENT 4

Right-side-low

Type: Phone measurement (Complete)

Date of measurement: 21/6/2017

Measurement duration: 10 minutes 18 seconds

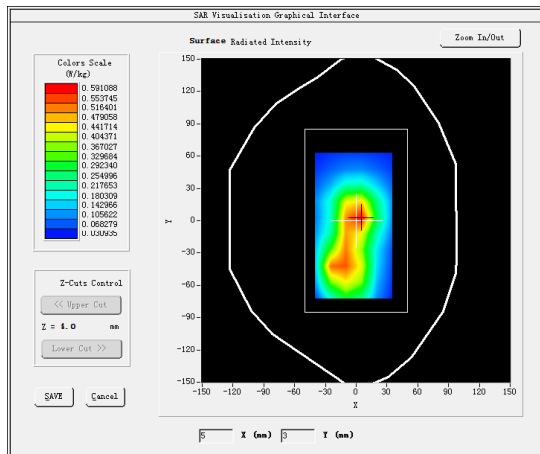
A. Experimental conditions.

<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>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

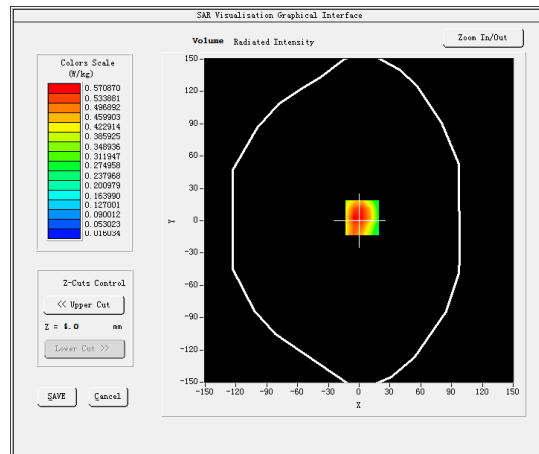
B. SAR Measurement Results

Frequency (MHz)	1850.199951
Relative permittivity (real part)	53.232899
Relative permittivity (imaginary part)	14.493960
Conductivity (S/m)	1.489818
Variation (%)	4.230000

SURFACE SAR



VOLUME SAR

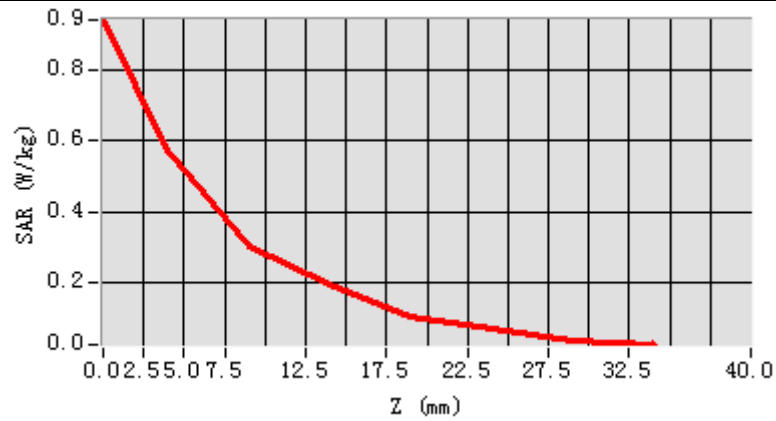


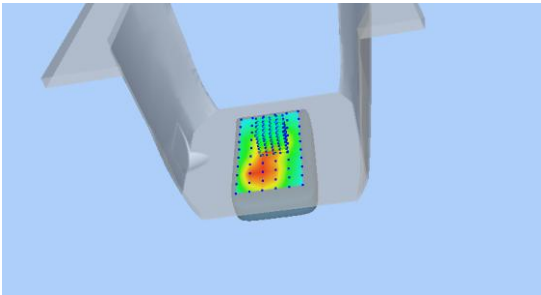
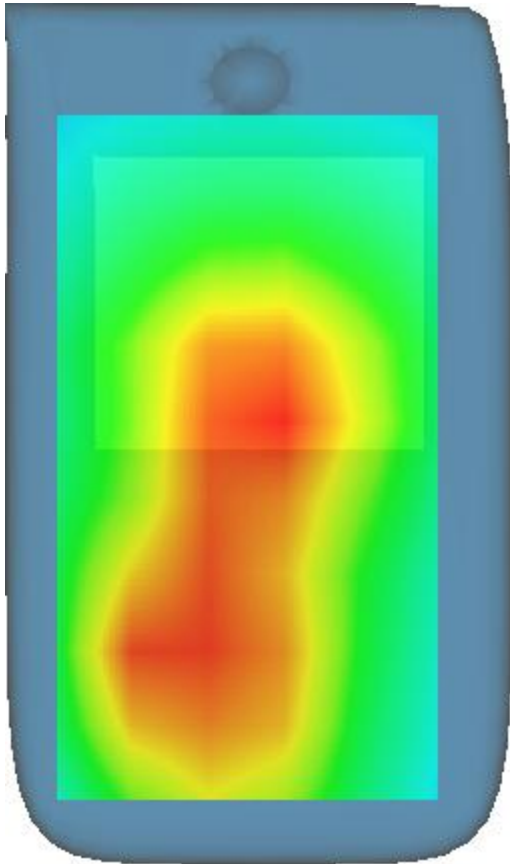
Maximum location: X=3.00, Y=3.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.316890
SAR 1g (W/Kg)	0.560859

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9378	0.5709	0.2998	0.1966	0.1047	0.0723	0.0388



3D screen shot	Hot spot position
	

MEASUREMENT 5

Type: Phone measurement (Complete)

Date of measurement: 28/6/2017

Measurement duration: 8 minutes 58 seconds

A. Experimental conditions.

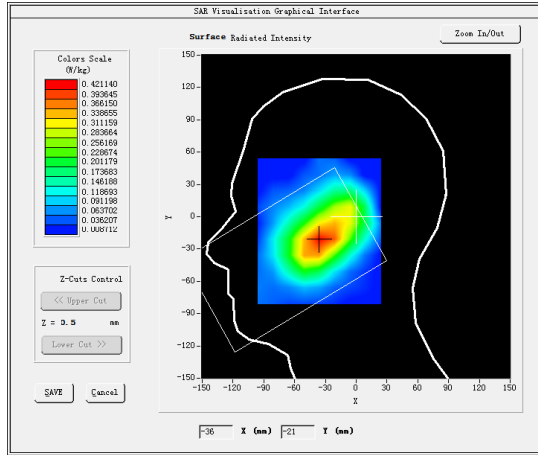
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

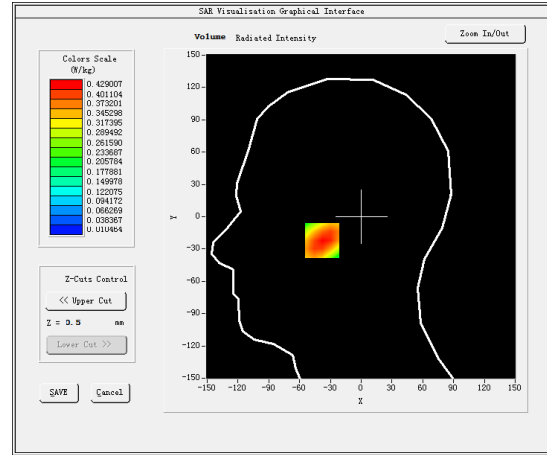
Middle Band SAR (Channel 9262):

Frequency (MHz)	1852.400000
Relative permittivity (real part)	39.914200
Relative permittivity (imaginary part)	13.434300
Conductivity (S/m)	1.403138
Variation (%)	-1.170000

SURFACE SAR



VOLUME SAR

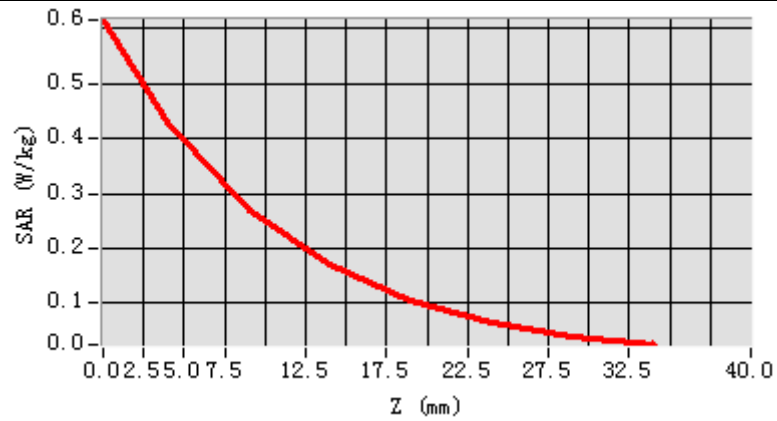


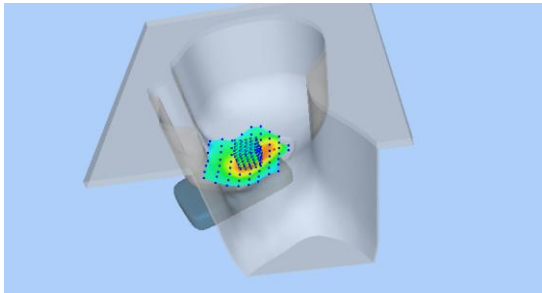
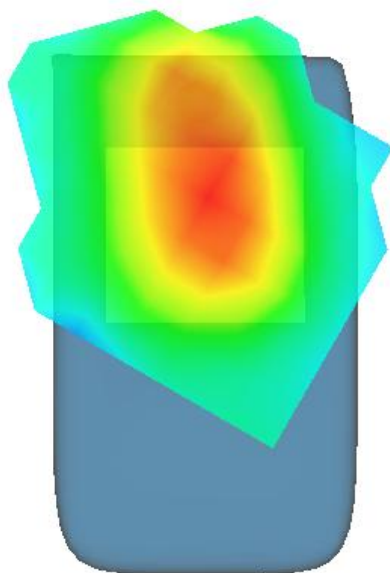
Maximum location: X=-35.00, Y=-22.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.255790
SAR 1g (W/Kg)	0.414108

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6153	0.4290	0.2707	0.1706	0.1052	0.0671	0.0383



3D screen shot	Hot spot position
	

MEASUREMENT 6

Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 28/6/2017

Measurement duration: 8 minutes 29 seconds

A. Experimental conditions.

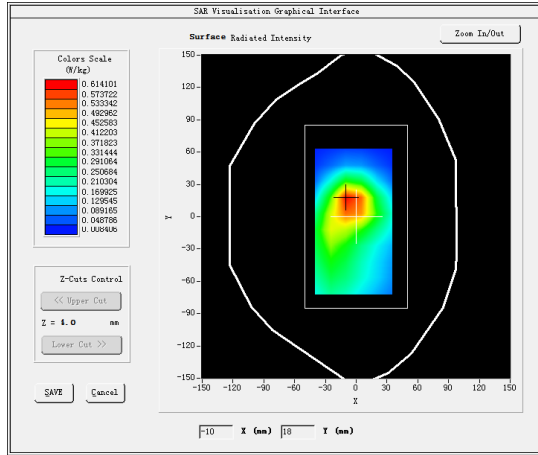
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor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

B. SAR Measurement Results

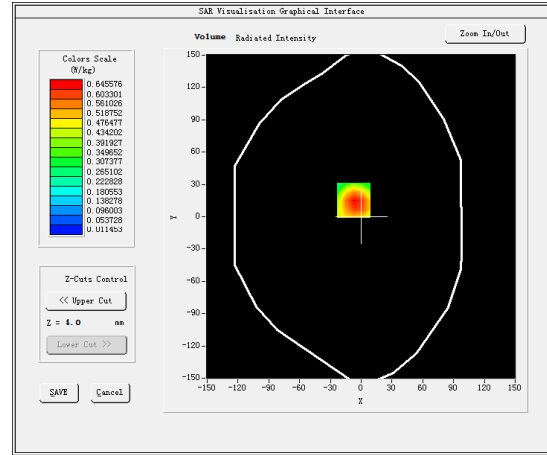
Middle Band SAR (Channel 9262):

Frequency (MHz)	1852.400000
Relative permittivity (real part)	39.914200
Relative permittivity (imaginary part)	13.434300
Conductivity (S/m)	1.403138
Variation (%)	-1.570000

SURFACE SAR



VOLUME SAR

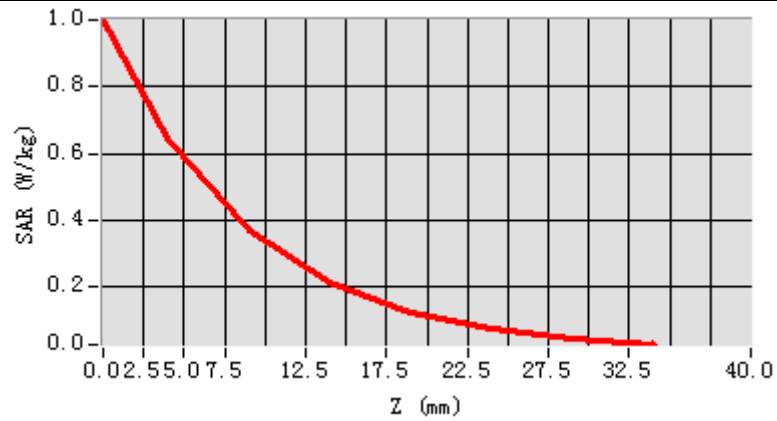


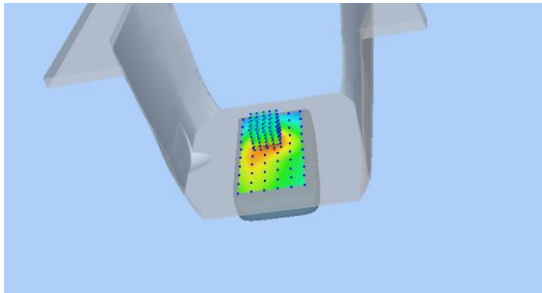
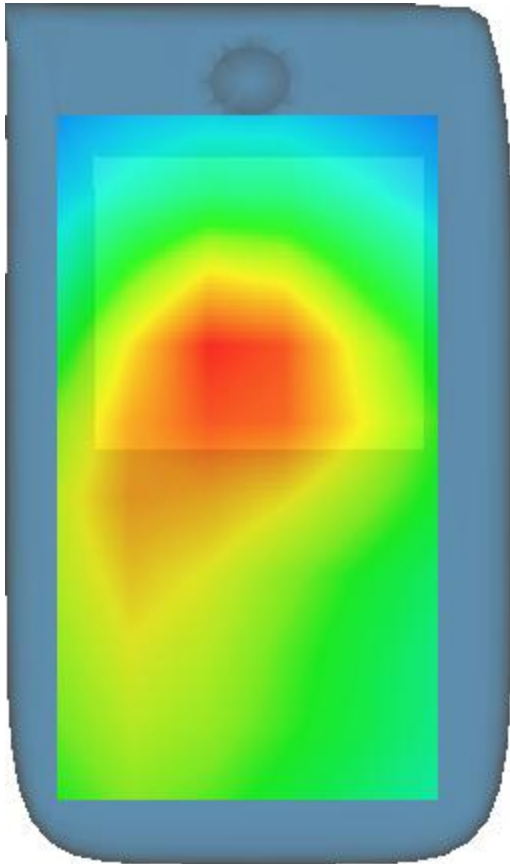
Maximum location: X=-7.00, Y=15.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.350697
SAR 1g (W/Kg)	0.622806

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0024	0.6456	0.3644	0.2120	0.1222	0.0704	0.0399



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 21/6/2017

Measurement duration: 8 minutes 44 seconds

A. Experimental conditions.

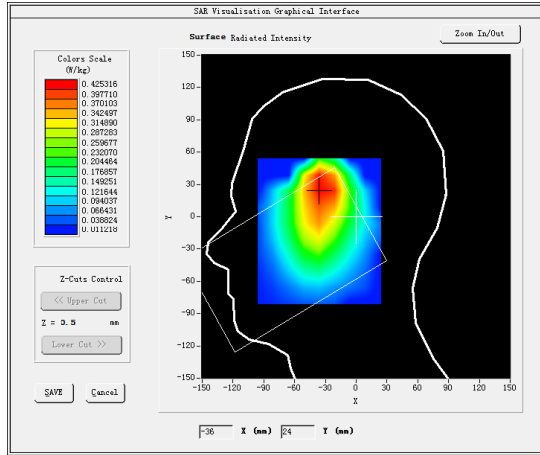
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

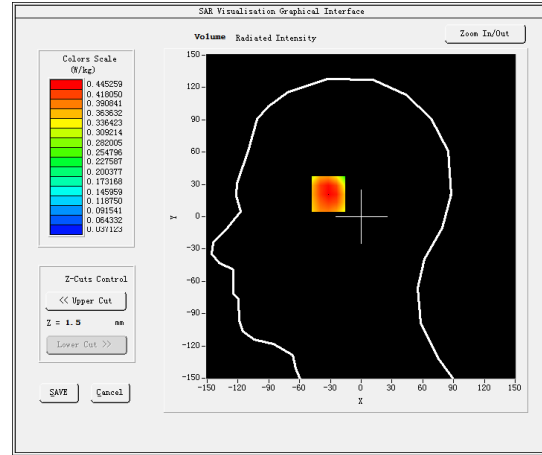
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.234680
Relative permittivity (imaginary part)	19.852501
Conductivity (S/m)	0.922480
Variation (%)	3.870000

SURFACE SAR



VOLUME SAR

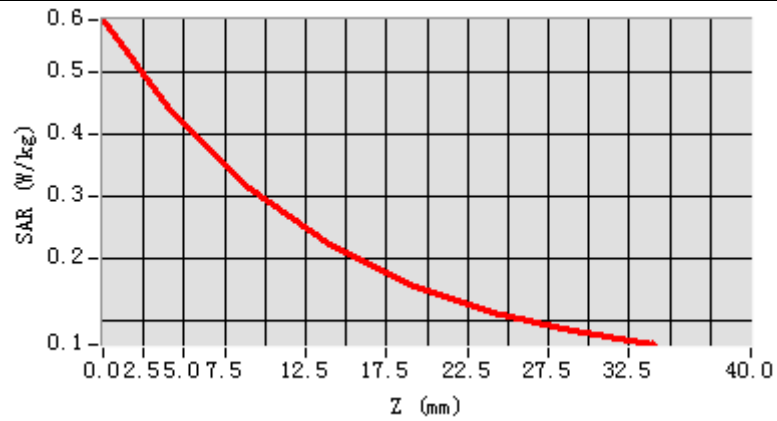


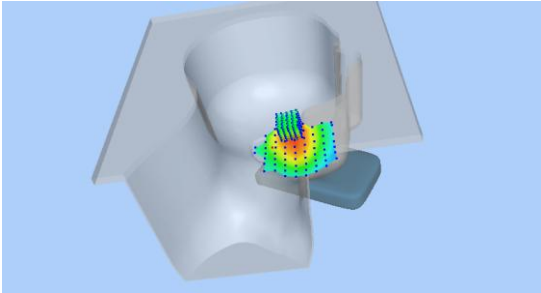
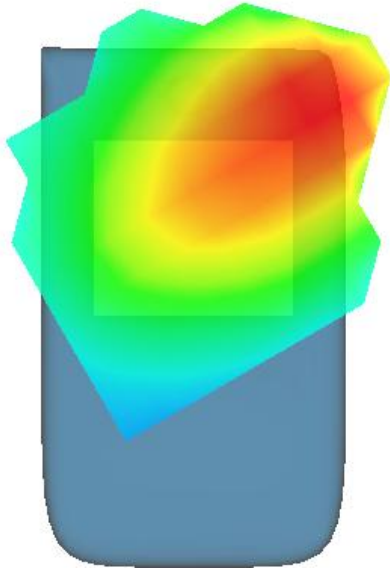
Maximum location: X=-32.00, Y=27.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.297649
SAR 1g (W/Kg)	0.441581

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5840	0.4453	0.3144	0.2237	0.1594	0.1142	0.0859



3D screen shot	Hot spot position
	

MEASUREMENT 8

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 21/6/2017

Measurement duration: 10 minutes 9 seconds

A. Experimental conditions.

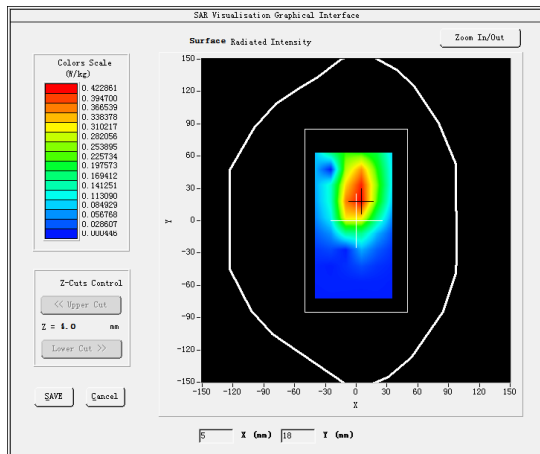
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor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

B. SAR Measurement Results

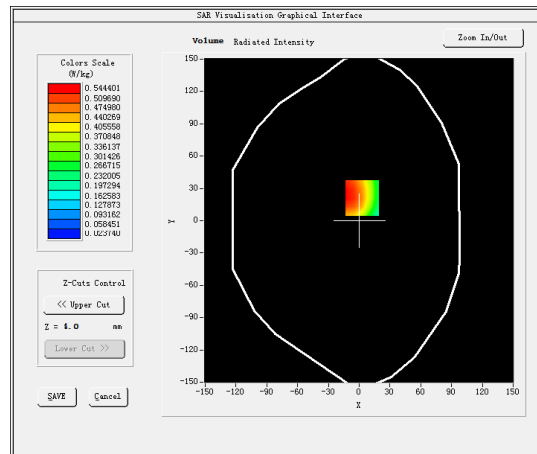
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.915939
Relative permittivity (imaginary part)	21.299379
Conductivity (S/m)	0.989948
Variation (%)	3.830000

SURFACE SAR



VOLUME SAR

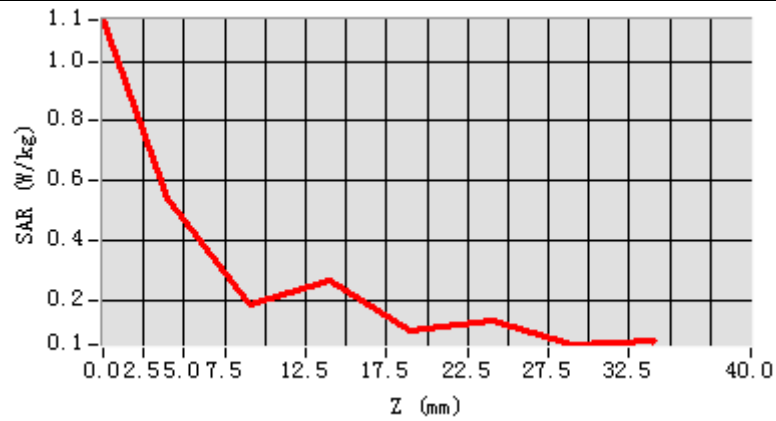


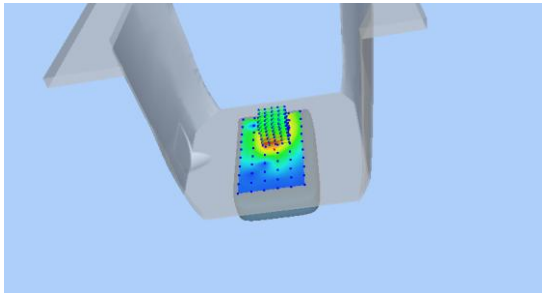
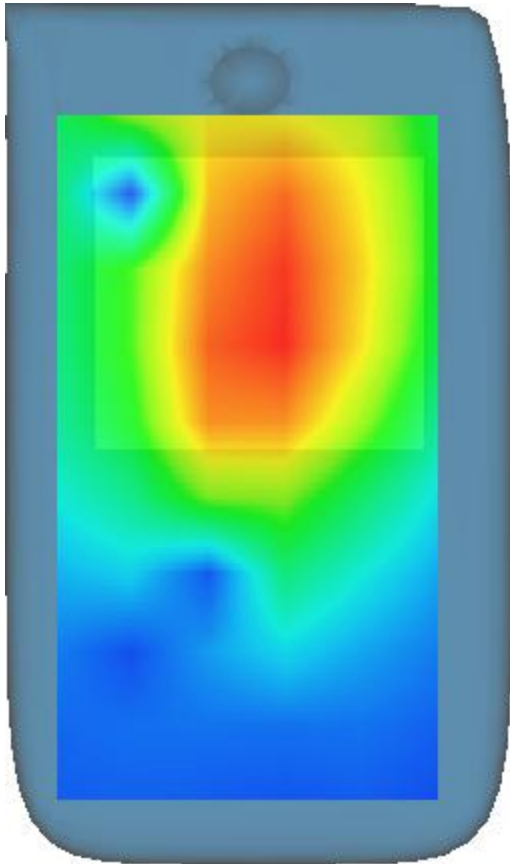
Maximum location: X=3.00, Y=21.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.349174
SAR 1g (W/Kg)	0.530286

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1391	0.5444	0.1871	0.2686	0.0982	0.1333	0.0509



3D screen shot	Hot spot position
	

MEASUREMENT 9

Type: Phone measurement (Complete)

Date of measurement: 10/7/2017

Measurement duration: 8 minutes 38 seconds

A. Experimental conditions.

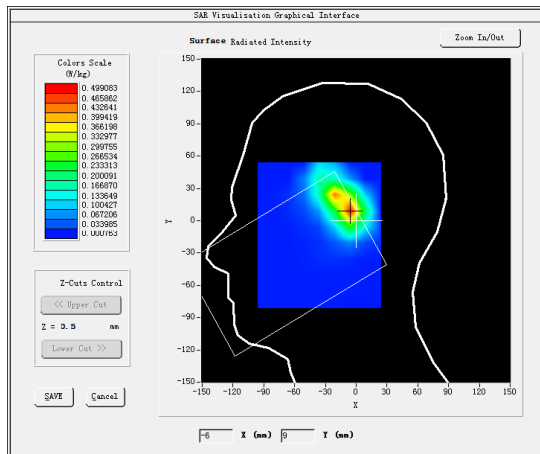
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

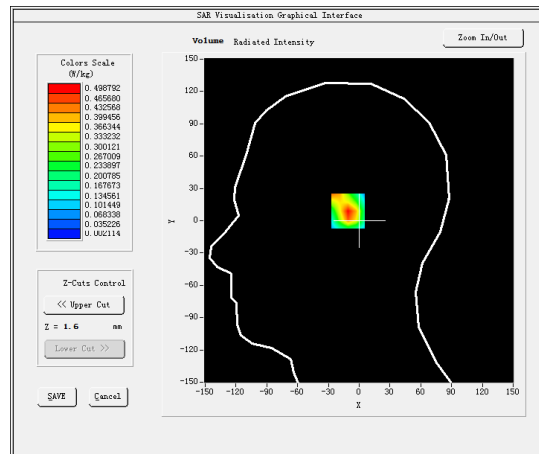
Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.756401
Relative permittivity (imaginary part)	14.076200
Conductivity (S/m)	1.909671
Variation (%)	-0.620000

SURFACE SAR



VOLUME SAR

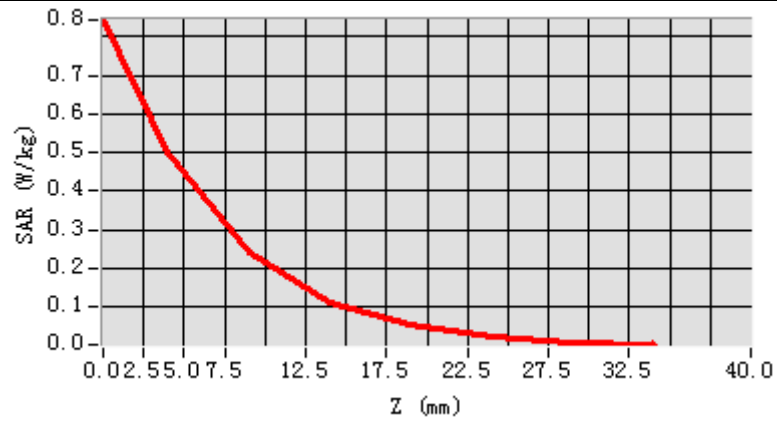


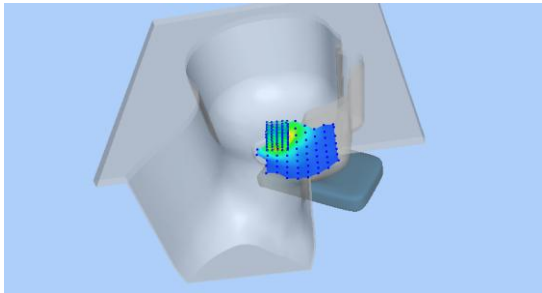
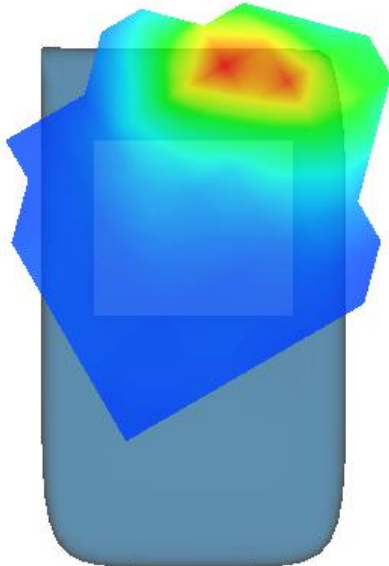
Maximum location: X=-6.00, Y=9.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.217445
SAR 1g (W/Kg)	0.471352

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8428	0.4988	0.2425	0.1135	0.0529	0.0229	0.0086



3D screen shot	Hot spot position
	

MEASUREMENT 10

Front-side-middle

Type: Phone measurement (Complete)

Date of measurement: 10/7/2017

Measurement duration: 11 minutes 13 seconds

A. Experimental conditions.

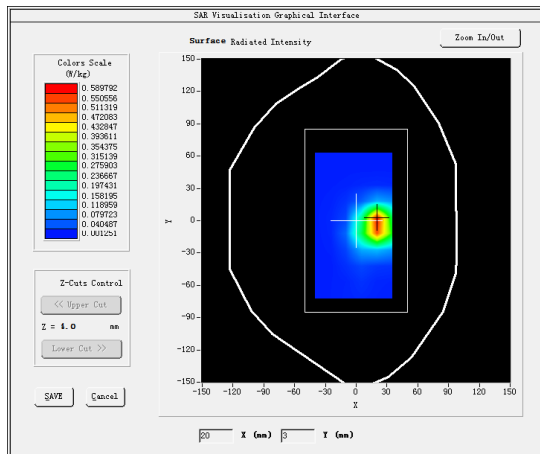
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor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

B. SAR Measurement Results

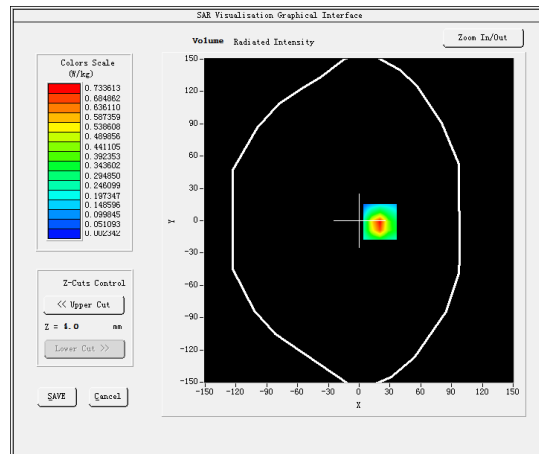
Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	38.568100
Relative permittivity (imaginary part)	13.379800
Conductivity (S/m)	1.815193
Variation (%)	2.770000

SURFACE SAR



VOLUME SAR

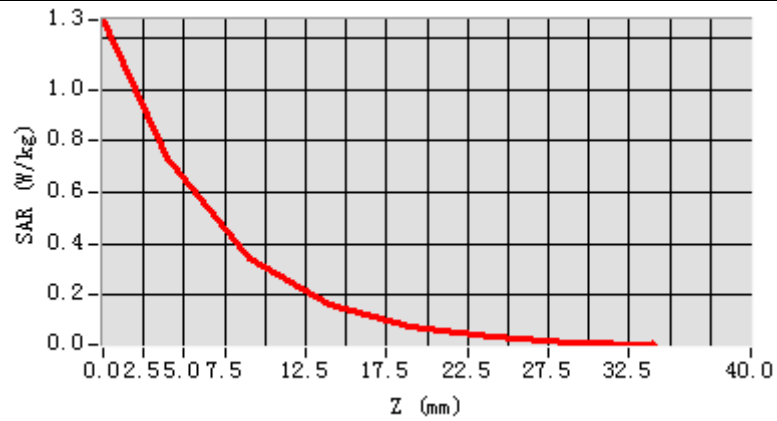


Maximum location: X=20.00, Y=-1.00

SAR Peak: 1.32 W/kg

SAR 10g (W/Kg)	0.297602
SAR 1g (W/Kg)	0.697850

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2699	0.7336	0.3445	0.1620	0.0773	0.0375	0.0176



3D screen shot	Hot spot position
