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Annex B: Measurement Results

Project Name : X556

**Report Number:
FCC16083919A**

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 59 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</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>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>

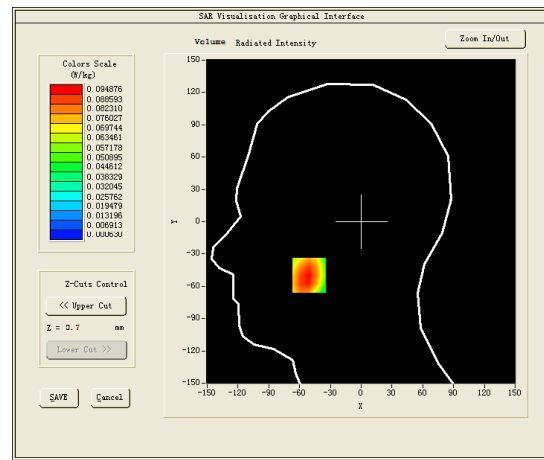
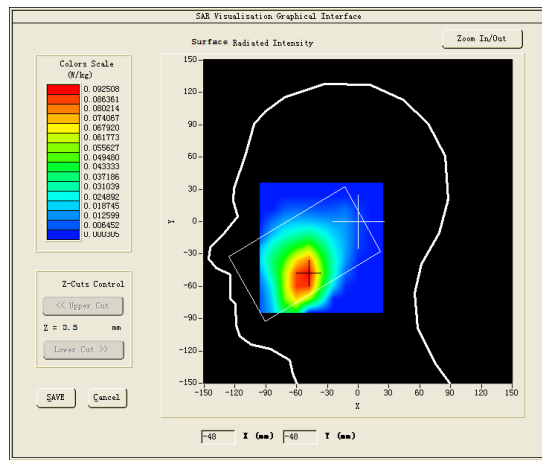
B. SAR Measurement Results

Middle Band SAR (Channel 190):

Frequency (MHz)	836.599976
Relative permittivity (real part)	40.527519
Relative permittivity (imaginary part)	19.956440
Conductivity (S/m)	0.927531
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR



Maximum location: X=-51.00, Y=-50.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.088066
SAR 1g (W/Kg)	0.124877

MEASUREMENT 2

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 36 seconds

A. Experimental conditions.

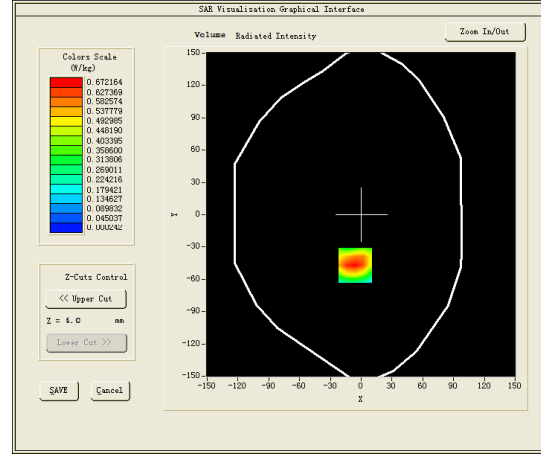
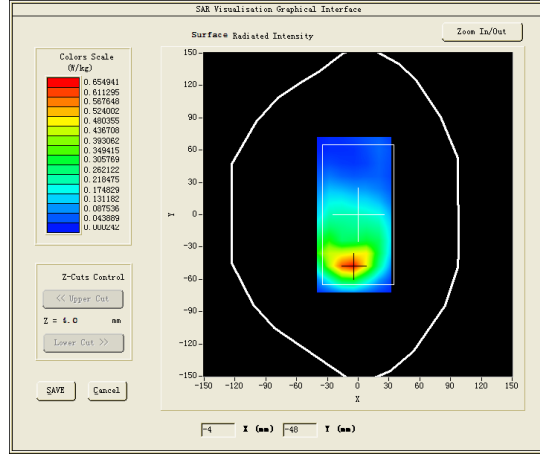
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Frequency (MHz)	836.599976
Relative permittivity (real part)	53.395020
Relative permittivity (imaginary part)	21.690760
Conductivity (S/m)	1.008138
Variation (%)	2.300000

SURFACE SAR

VOLUME SAR

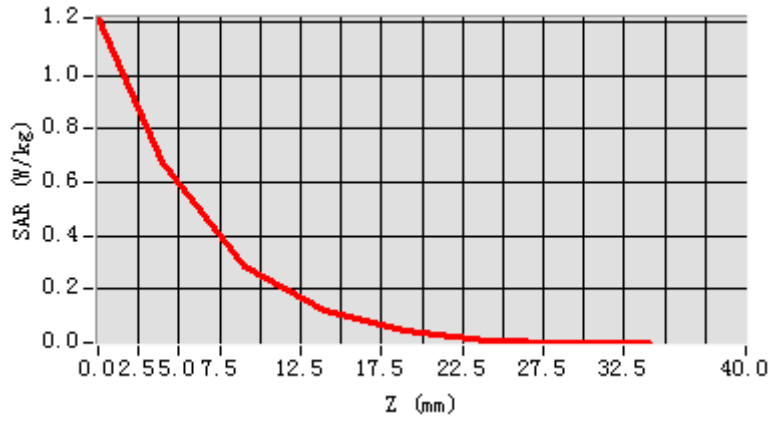


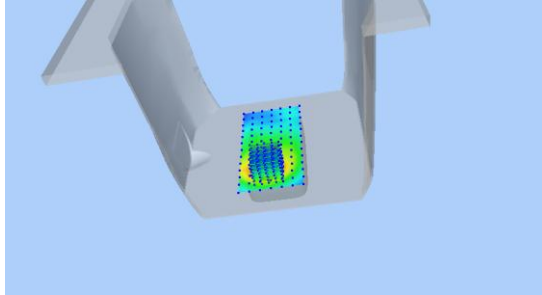
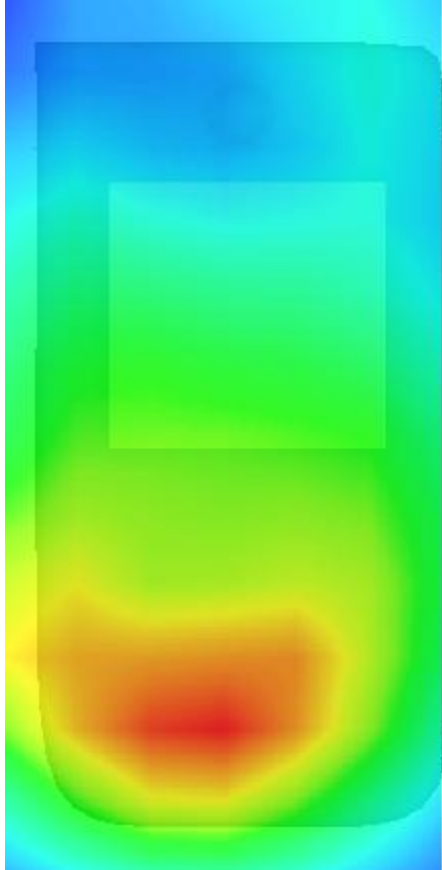
Maximum location: X=-6.00, Y=-47.00

SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.301262
SAR 1g (W/Kg)	0.563167

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2154	0.6722	0.2845	0.1205	0.0420	0.0075	0.0002



3D screen shot	Hot spot position
	

MEASUREMENT 3

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 22 seconds

A. Experimental conditions.

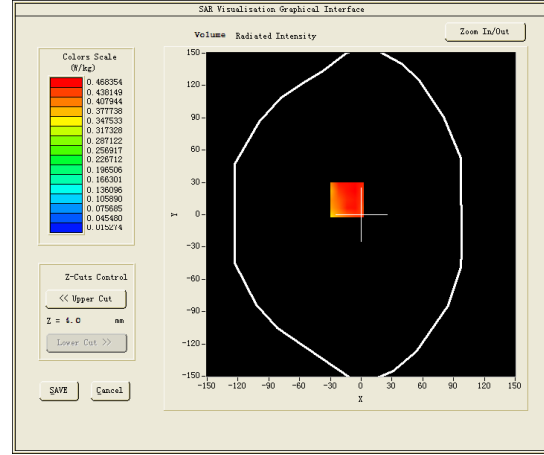
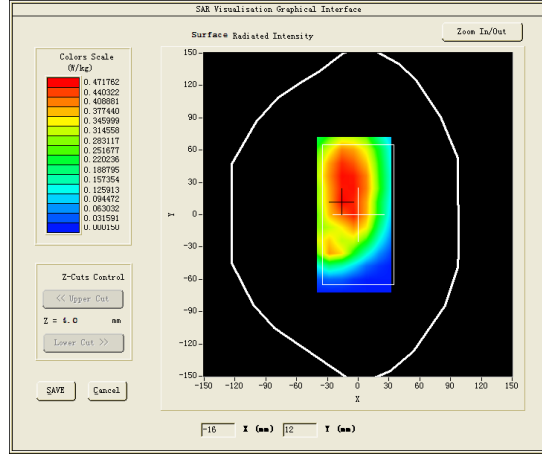
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Frequency (MHz)	836.599976
Relative permittivity (real part)	53.395020
Relative permittivity (imaginary part)	21.690760
Conductivity (S/m)	1.008138
Variation (%)	3.120000

SURFACE SAR

VOLUME SAR

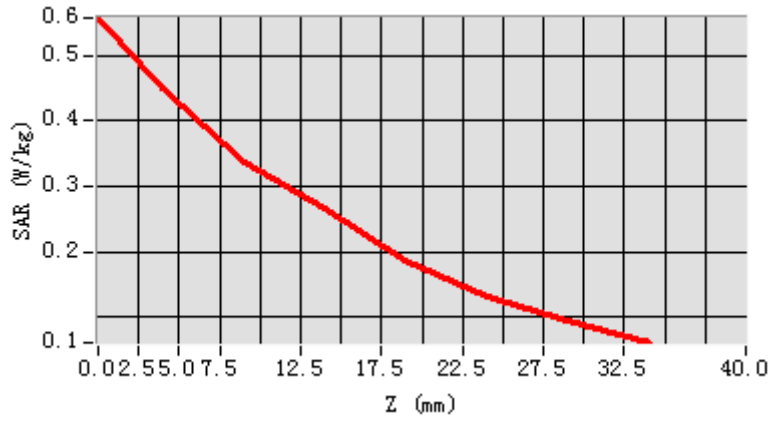


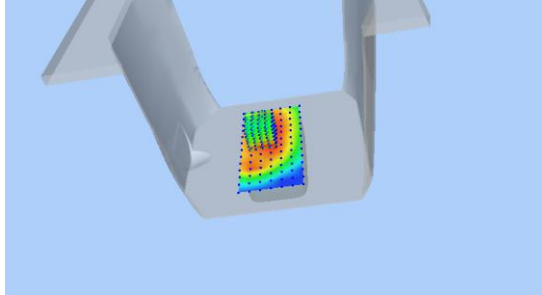
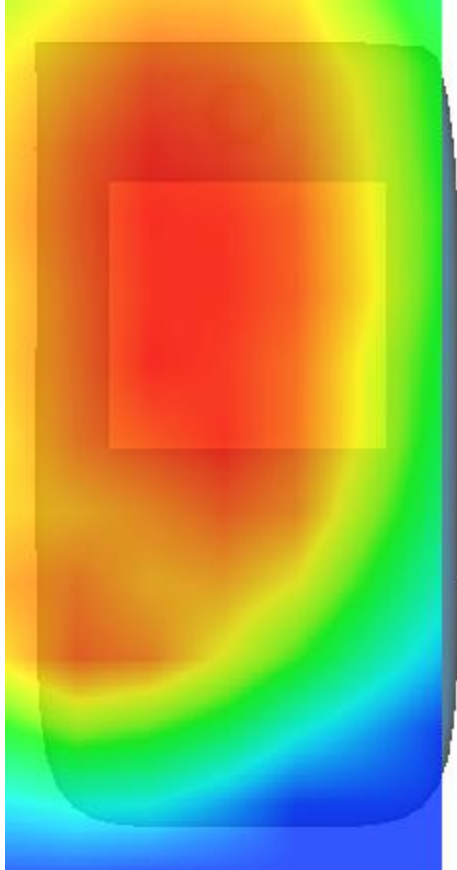
Maximum location: X=-14.00, Y=14.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.341860
SAR 1g (W/Kg)	0.469918

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5570	0.4503	0.3381	0.2678	0.1878	0.1329	0.0939



3D screen shot	Hot spot position
	

MEASUREMENT 4

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 10 minutes 16 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 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>4.63</u>

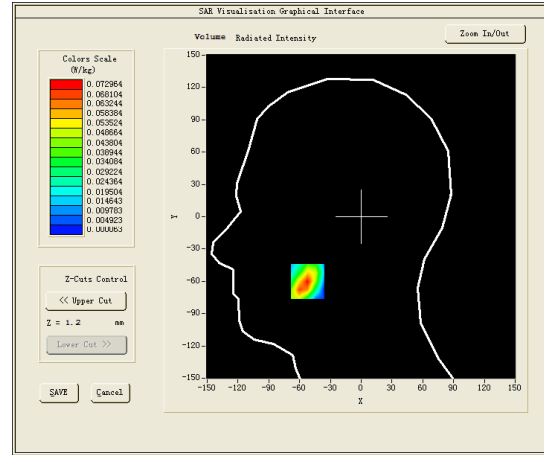
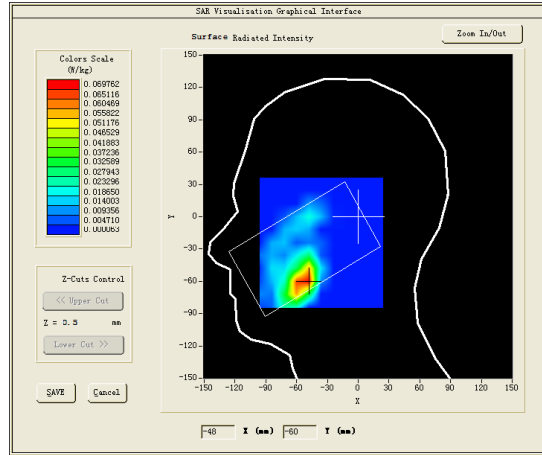
B. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409781
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

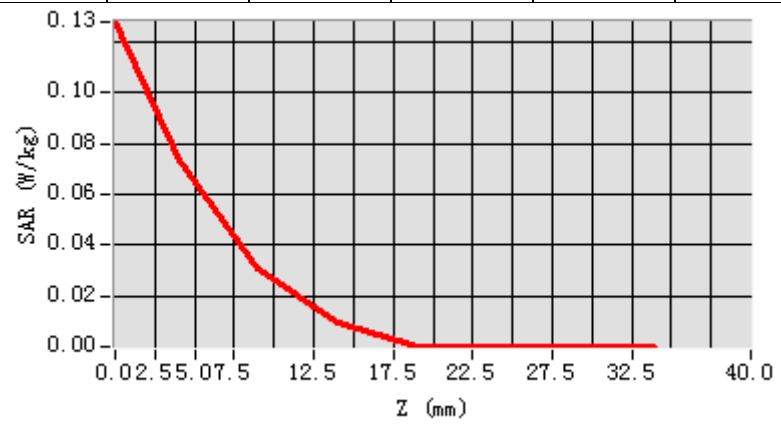


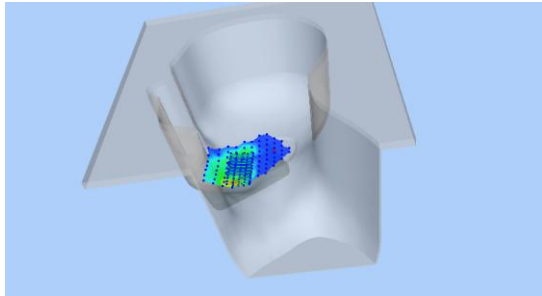
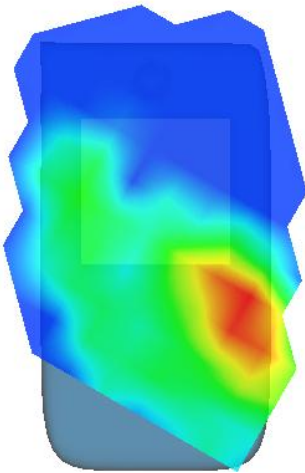
Maximum location: X=-52.00, Y=-60.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.027136
SAR 1g (W/Kg)	0.067711

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1277	0.0730	0.0305	0.0097	0.0001	0.0001	0.0001



3D screen shot	Hot spot position
	

MEASUREMENT 5

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 8 minutes 3 seconds

A. Experimental conditions.

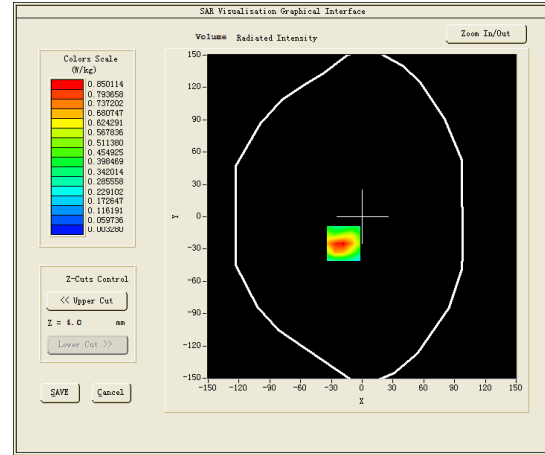
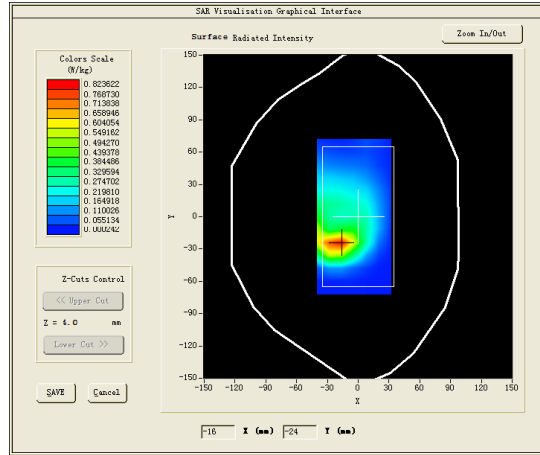
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254400
Relative permittivity (imaginary part)	14.597950
Conductivity (S/m)	1.525980
Variation (%)	4.820000

SURFACE SAR

VOLUME SAR

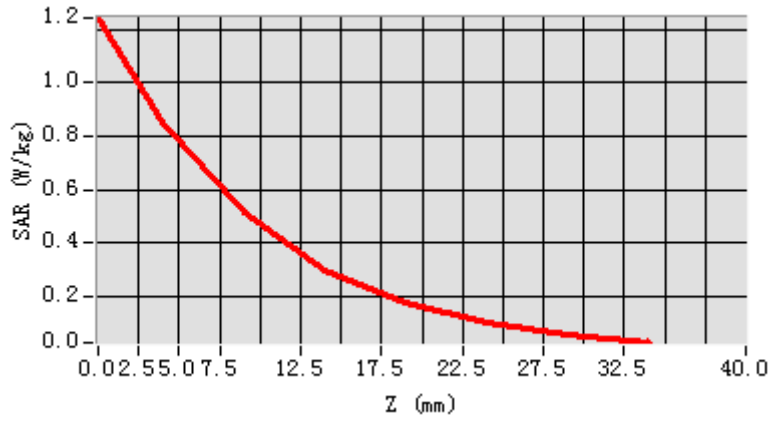


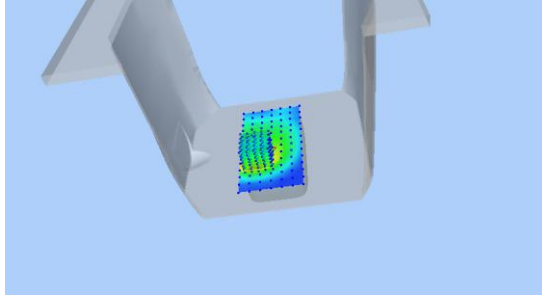
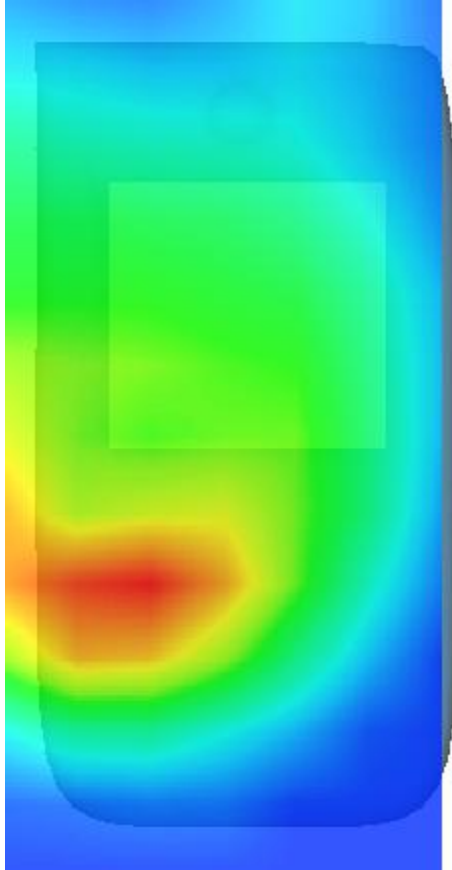
Maximum location: X=-18.00, Y=-25.00

SAR Peak: 1.35 W/kg

SAR 10g (W/Kg)	0.431069
SAR 1g (W/Kg)	0.530071

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2448	0.8501	0.5151	0.2927	0.1768	0.1005	0.0560



3D screen shot	Hot spot position
	

MEASUREMENT 6

Bottom-edge-middle

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 12 minutes 5 seconds

A. Experimental conditions.

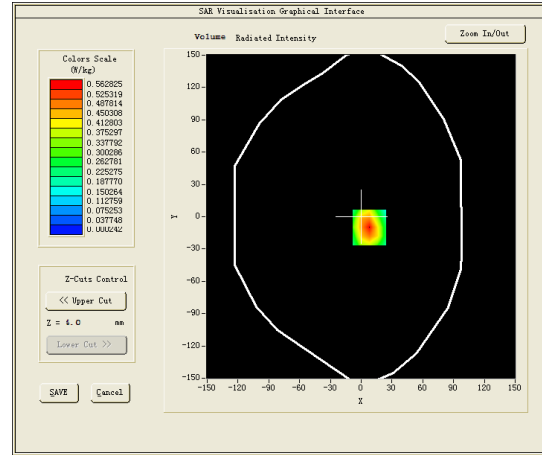
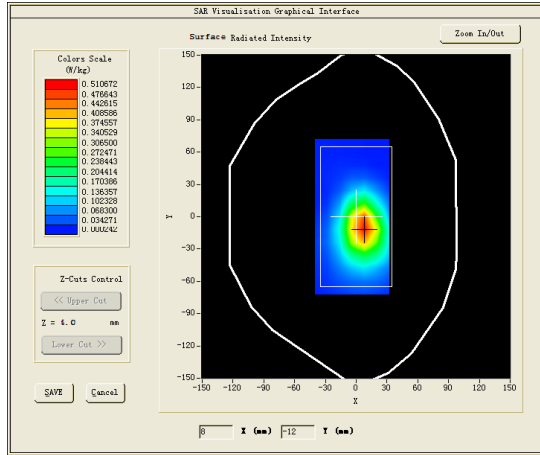
<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254400
Relative permittivity (imaginary part)	14.597950
Conductivity (S/m)	1.525980
Variation (%)	-0.200000

SURFACE SAR

VOLUME SAR

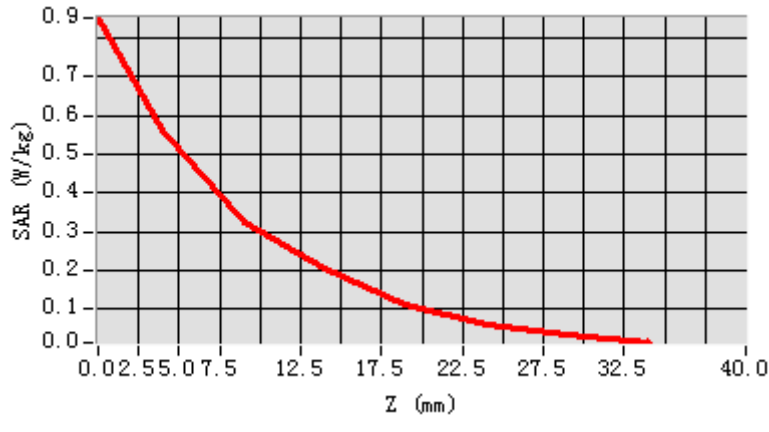


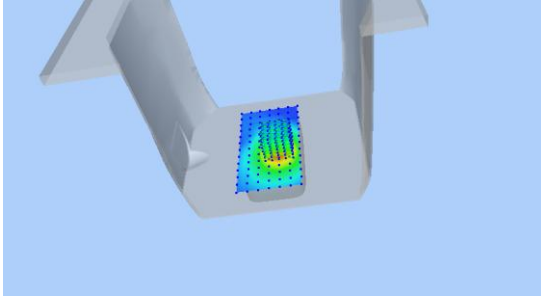
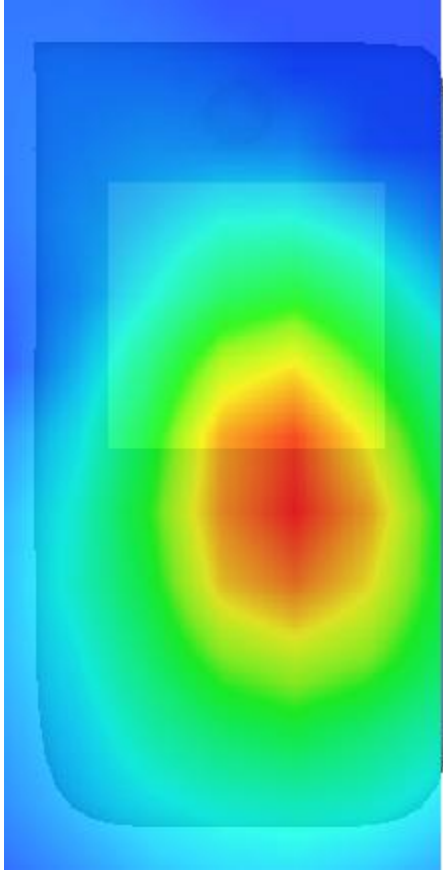
Maximum location: X=8.00, Y=-10.00

SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)	0.100348
SAR 1g (W/Kg)	0.205505

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8526	0.5628	0.3258	0.2055	0.1129	0.0602	0.0308



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 10 minutes 47 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</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>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

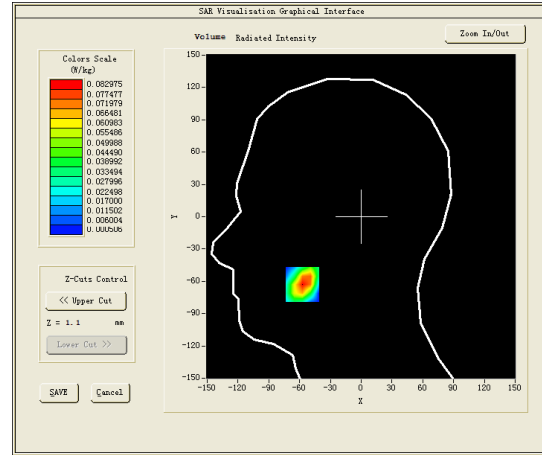
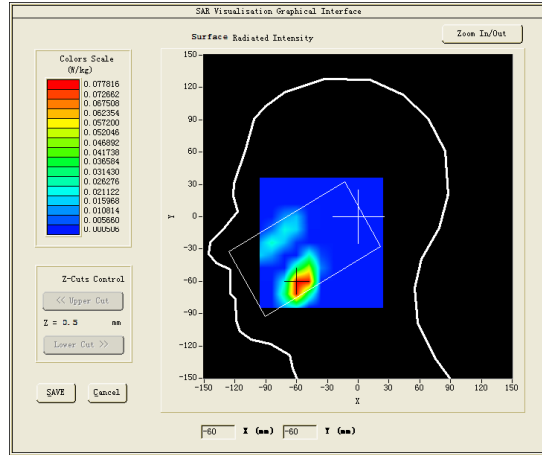
B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409781
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

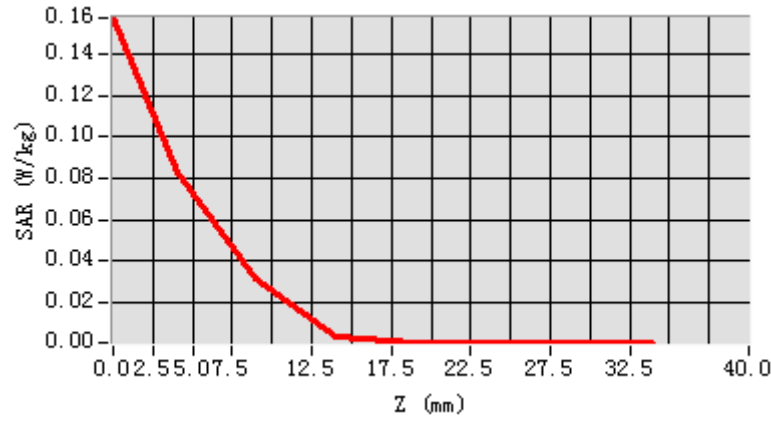


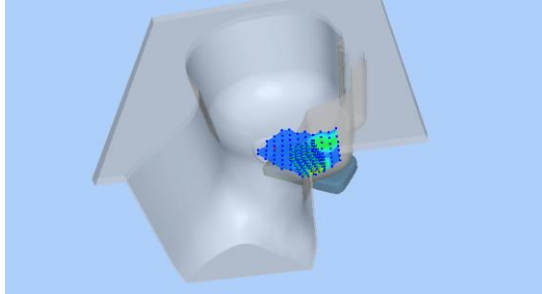
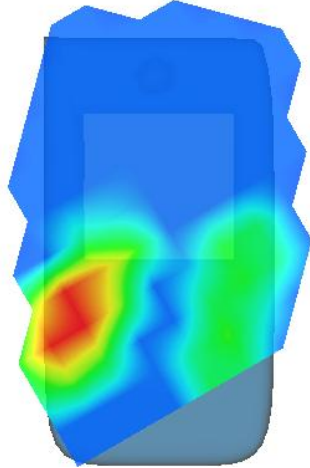
Maximum location: X=-57.00, Y=-63.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.029534
SAR 1g (W/Kg)	0.083211

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1573	0.0830	0.0317	0.0037	0.0005	0.0005	0.0005



3D screen shot	Hot spot position
	

MEASUREMENT 8

Rear-Side -middle

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 10 minutes 57 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm 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>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

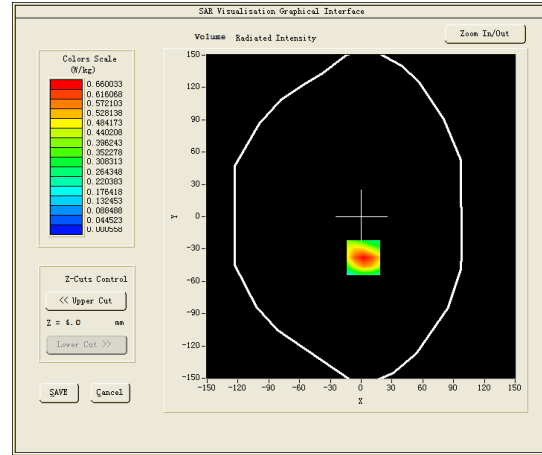
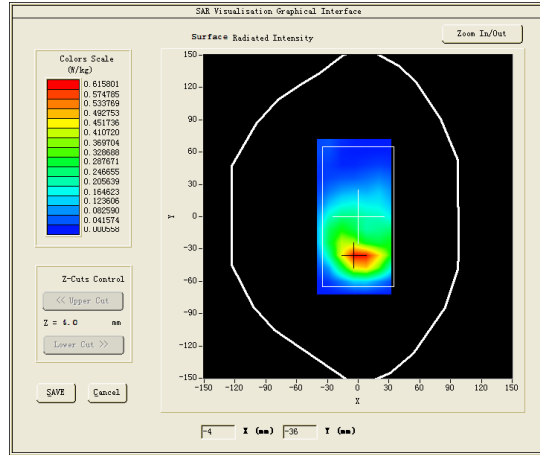
B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670
Variation (%)	2.140000

SURFACE SAR

VOLUME SAR

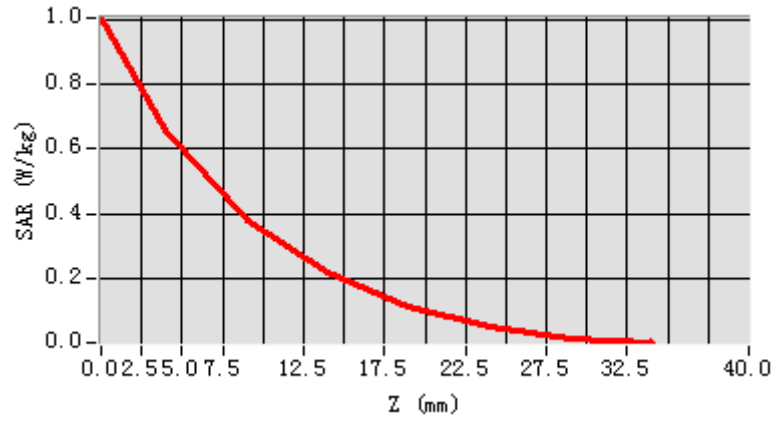


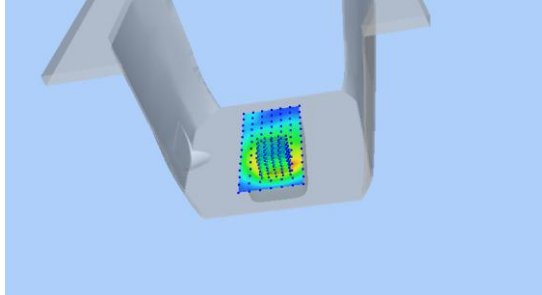
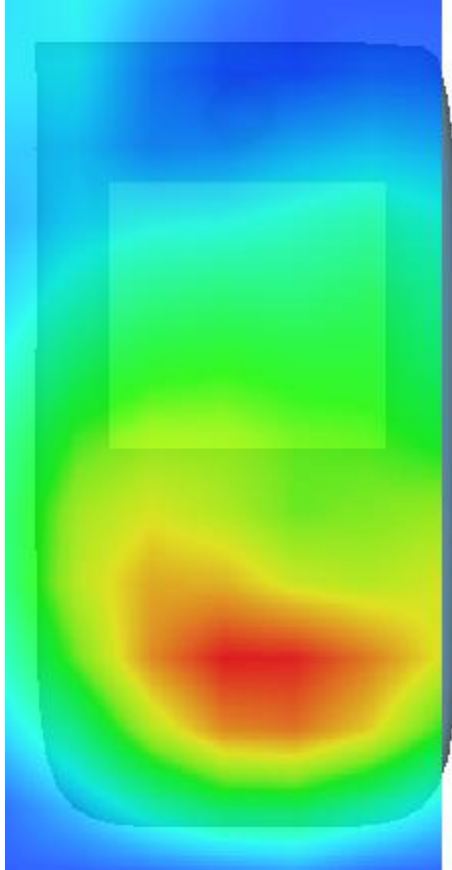
Maximum location: X=2.00, Y=-38.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.263830
SAR 1g (W/Kg)	0.458014

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0046	0.6600	0.3800	0.2186	0.1163	0.0534	0.0169



3D screen shot	Hot spot position
	

MEASUREMENT 9

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 7 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>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>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

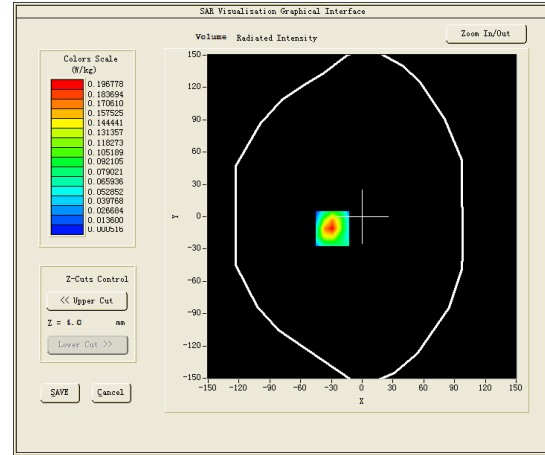
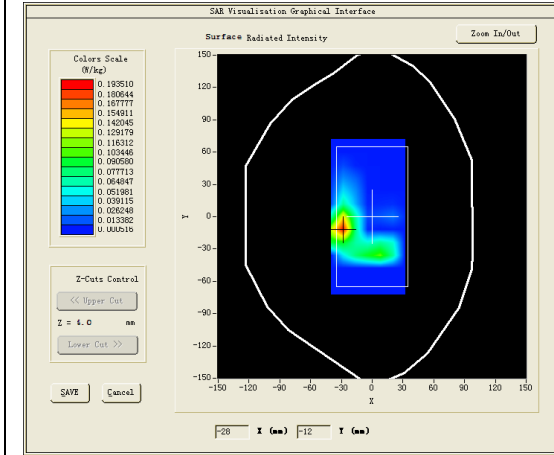
B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524670
Variation (%)	-1.480000

SURFACE SAR

VOLUME SAR

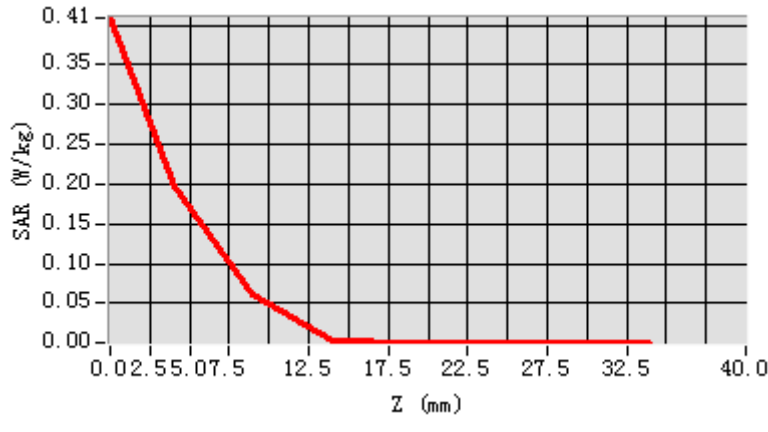


Maximum location: X=-29.00, Y=-11.00

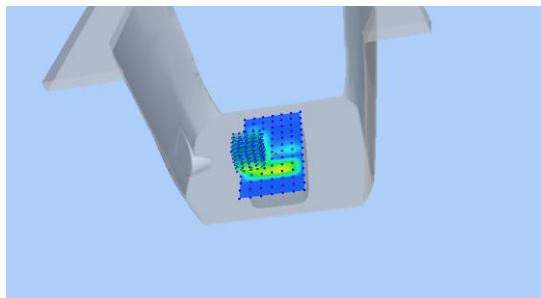
SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.353066
SAR 1g (W/Kg)	0.460383

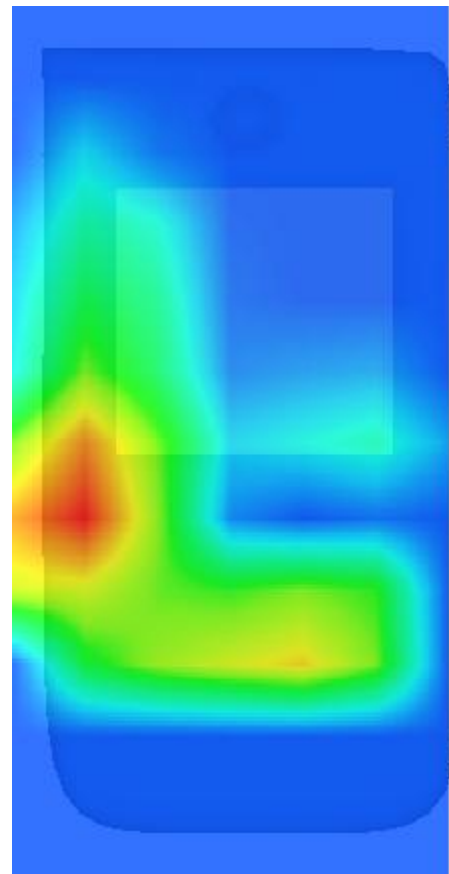
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4091	0.1968	0.0618	0.0032	0.0005	0.0005	0.0005



3D screen shot



Hot spot position



MEASUREMENT 10

Type: Phone measurement (Complete)

Date of measurement: 27/8/2016

Measurement duration: 10 minutes 11 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</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>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

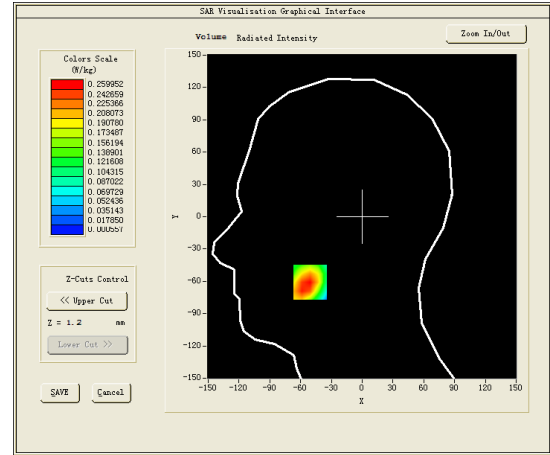
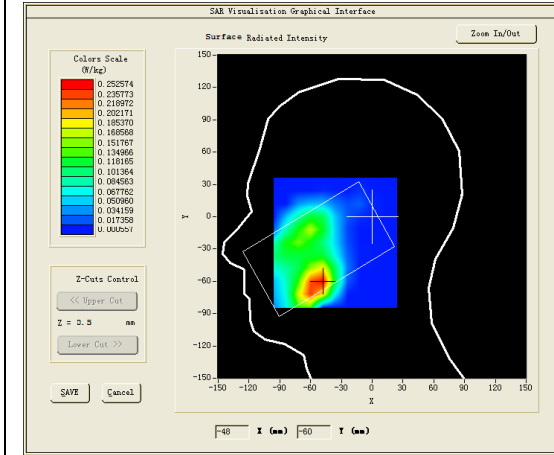
B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.690201
Relative permittivity (imaginary part)	14.005500
Conductivity (S/m)	1.347640
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

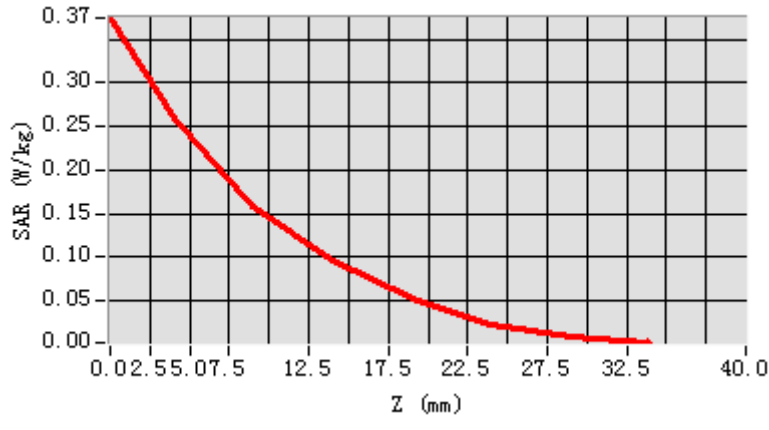


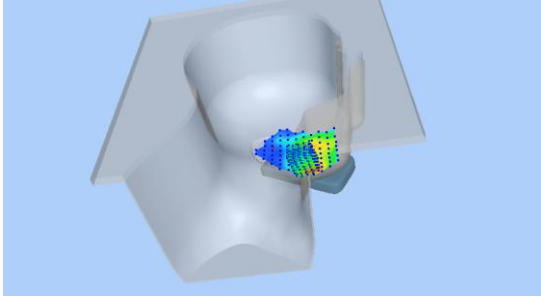
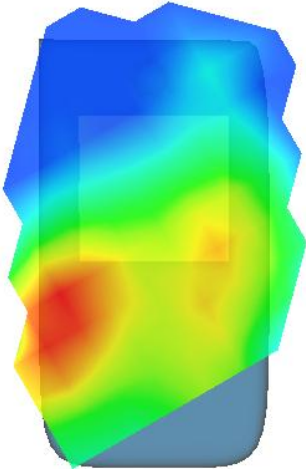
Maximum location: X=-51.00, Y=-61.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.138029
SAR 1g (W/Kg)	0.250865

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3748	0.2600	0.1583	0.0966	0.0522	0.0232	0.0096



3D screen shot	Hot spot position
	

MEASUREMENT 11

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 27/8/2016

Measurement duration: 9 minutes 52 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

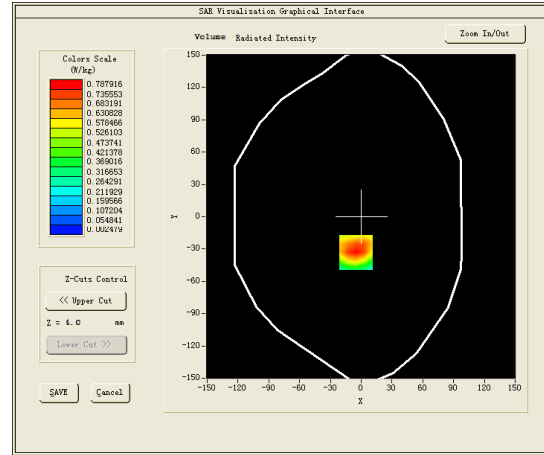
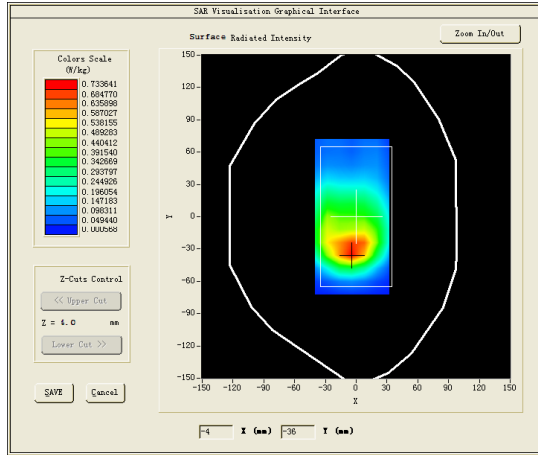
B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.297798
Relative permittivity (imaginary part)	14.675700
Conductivity (S/m)	1.412128
Variation (%)	4.200000

SURFACE SAR

VOLUME SAR

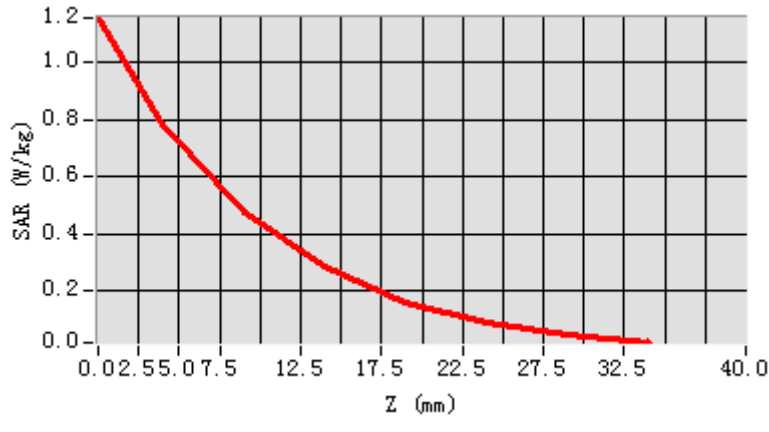


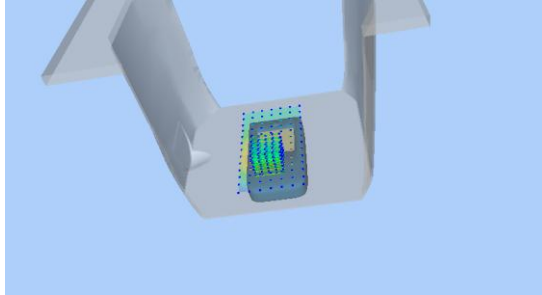
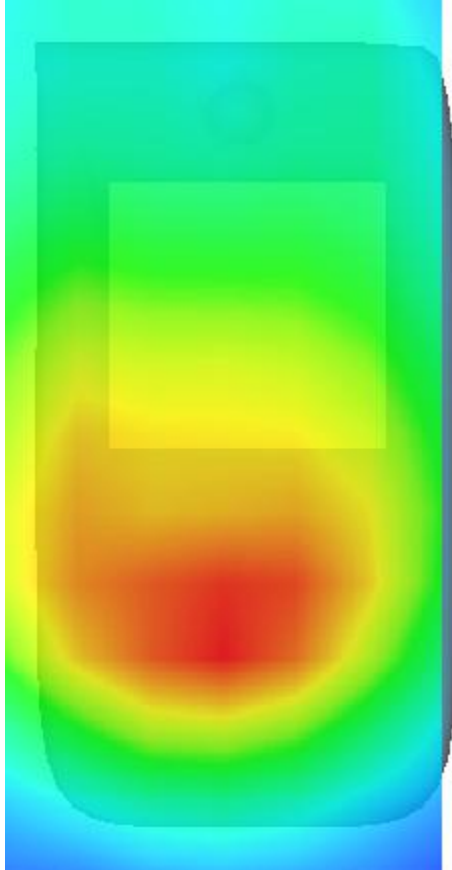
Maximum location: X=-5.00, Y=-33.00

SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.448047
SAR 1g (W/Kg)	0.583961

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1569	0.7879	0.4743	0.2834	0.1626	0.0913	0.0473



3D screen shot	Hot spot position
	

MEASUREMENT 12

Front-Side-middle

Type: Phone measurement (Complete)

Date of measurement: 27/8/2016

Measurement duration: 10 minutes 26 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

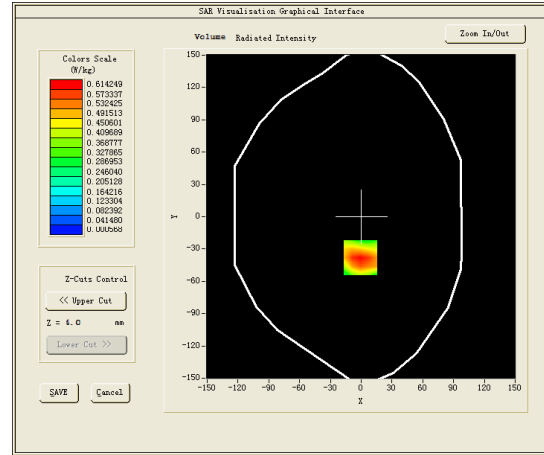
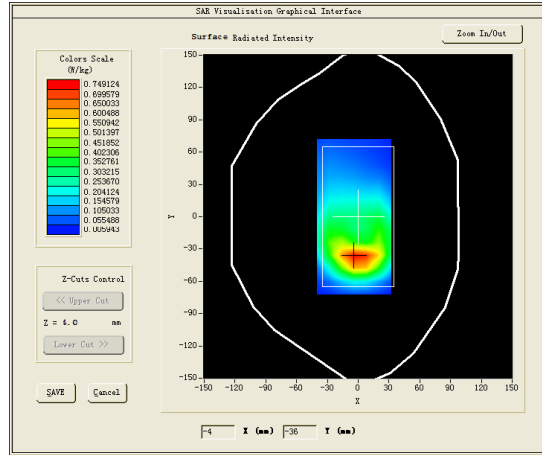
B. SAR Measurement Results

Middle Band SAR (Channel 1413):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.297798
Relative permittivity (imaginary part)	14.675700
Conductivity (S/m)	1.412128
Variation (%)	0.960000

SURFACE SAR

VOLUME SAR

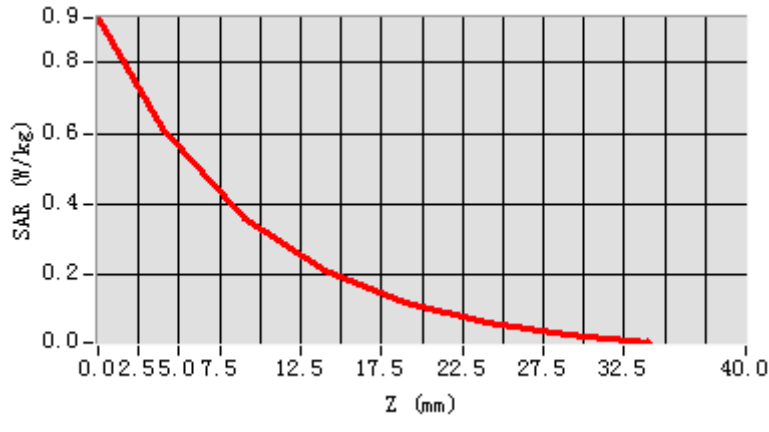


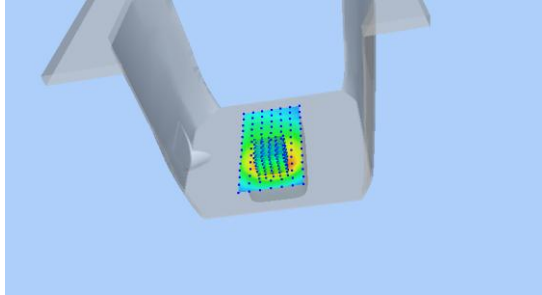
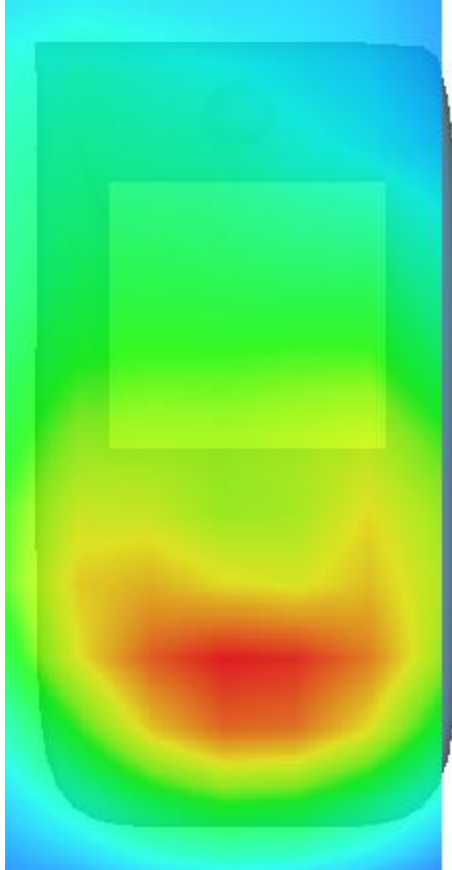
Maximum location: X=-1.00, Y=-38.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.182477
SAR 1g (W/Kg)	0.353112

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9276	0.6142	0.3589	0.2123	0.1211	0.0637	0.0296



3D screen shot	Hot spot position
	

MEASUREMENT 13

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 22 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</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>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

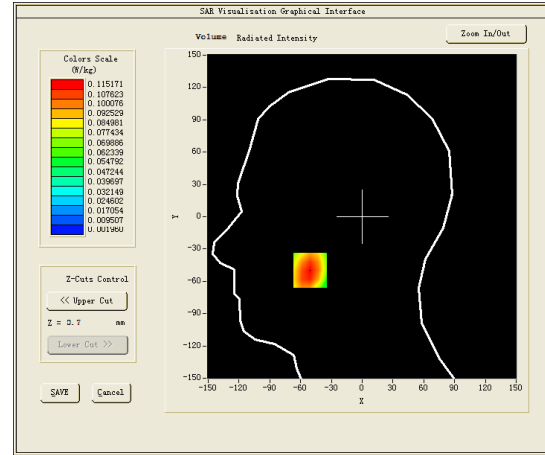
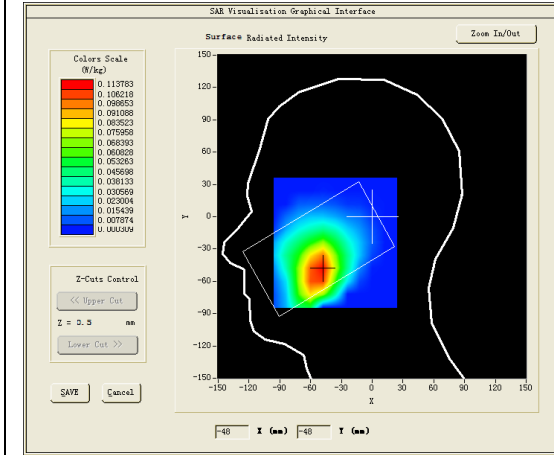
B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.538380
Relative permittivity (imaginary part)	19.960159
Conductivity (S/m)	0.927482
Variation (%)	1.450000

SURFACE SAR

VOLUME SAR

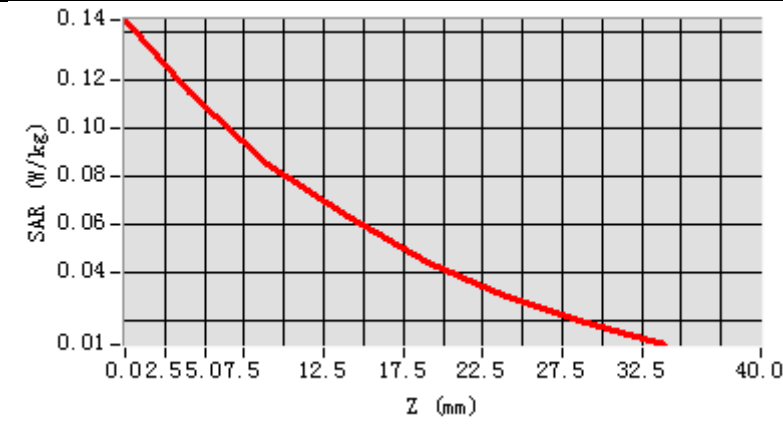


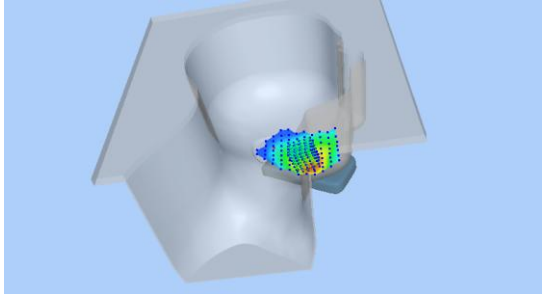
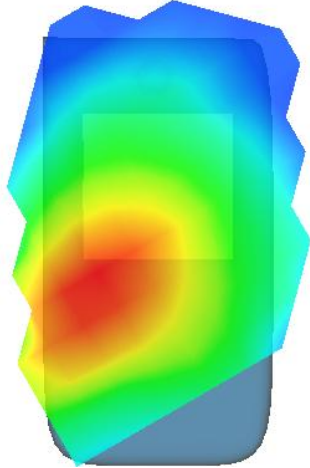
Maximum location: X=-51.00, Y=-50.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.076328
SAR 1g (W/Kg)	0.113516

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1448	0.1152	0.0849	0.0630	0.0441	0.0300	0.0193



3D screen shot	Hot spot position
	

MEASUREMENT 14

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 12 minutes 12 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm 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>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

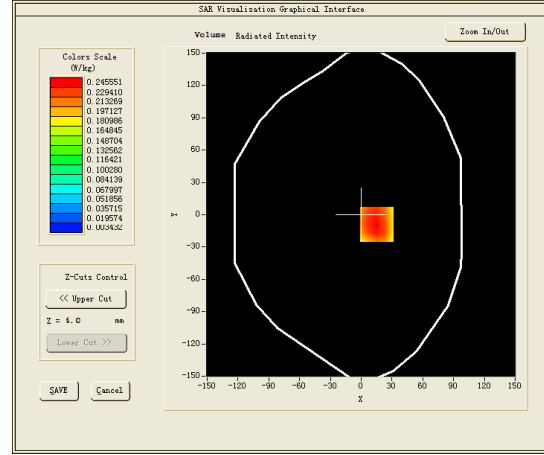
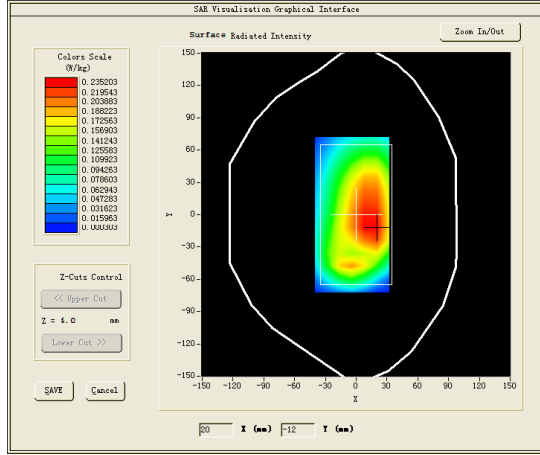
B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599
Variation (%)	-1.250000

SURFACE SAR

VOLUME SAR

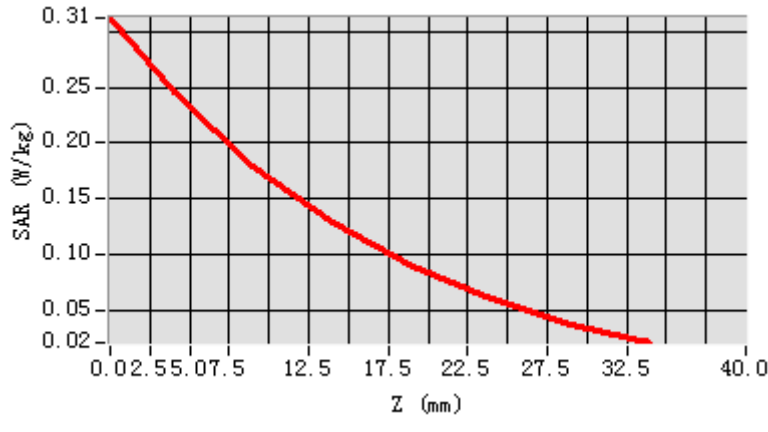


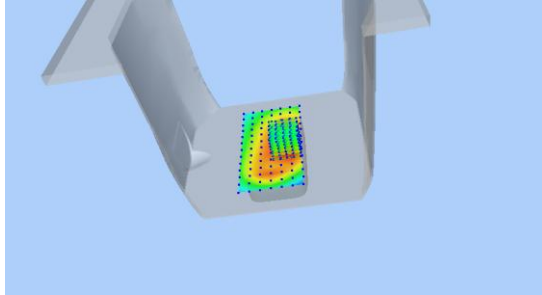
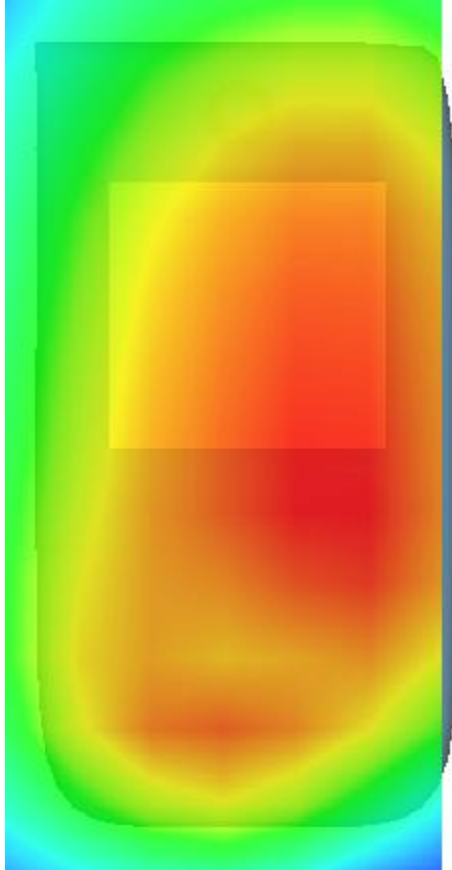
Maximum location: X=15.00, Y=-9.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.184233
SAR 1g (W/Kg)	0.266974

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3118	0.2456	0.1796	0.1293	0.0900	0.0603	0.0381



3D screen shot	Hot spot position
	

MEASUREMENT 15

Rear-Side-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 8 minutes 57 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm 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>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

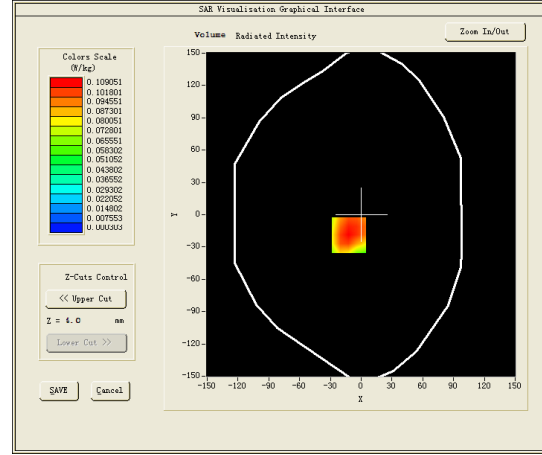
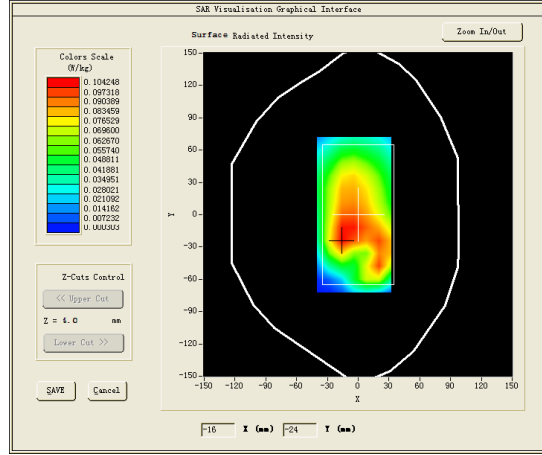
B. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599
Variation (%)	1.090000

SURFACE SAR

VOLUME SAR

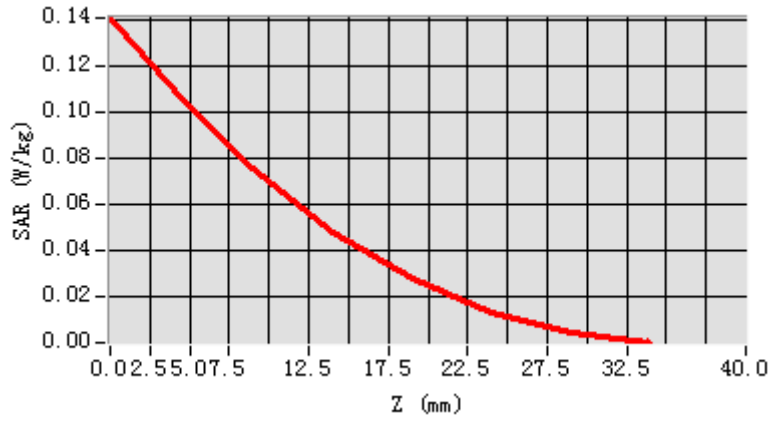


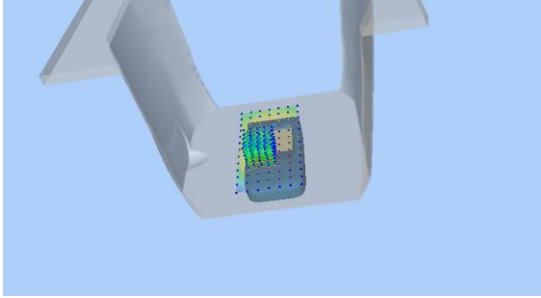
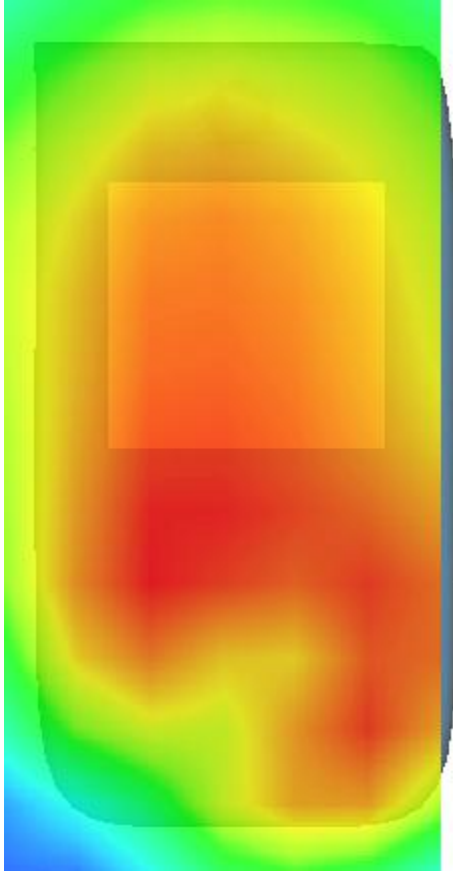
Maximum location: X=-12.00, Y=-19.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.330133
SAR 1g (W/Kg)	0.458336

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1405	0.1091	0.0756	0.0479	0.0282	0.0137	0.0051



3D screen shot	Hot spot position
	

MEASUREMENT 16

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 10 minutes 7 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>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.63</u>

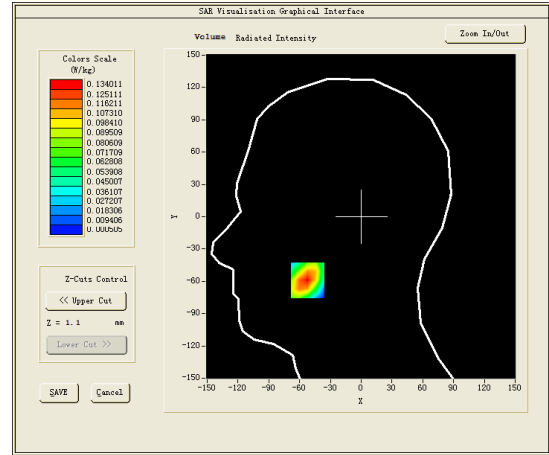
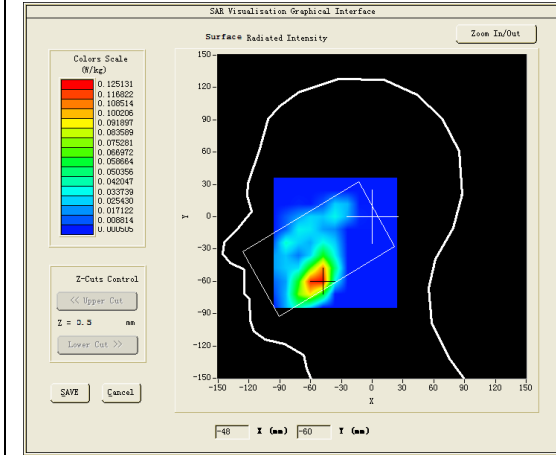
B. SAR Measurement Results

Middle Band SAR (Channel 19100):

Frequency (MHz)	1900.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409406
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

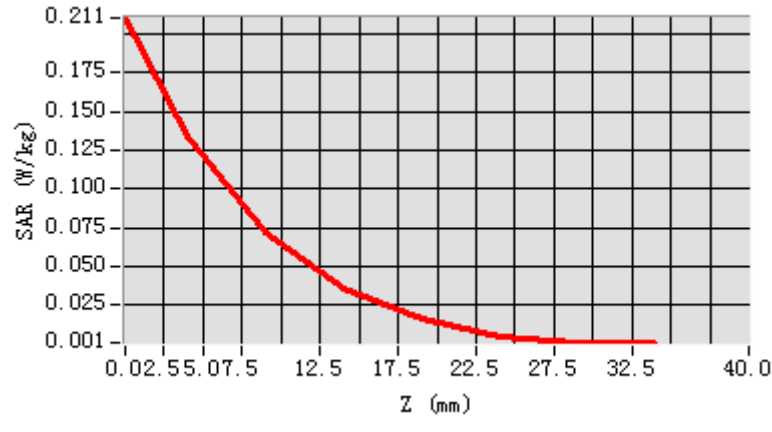


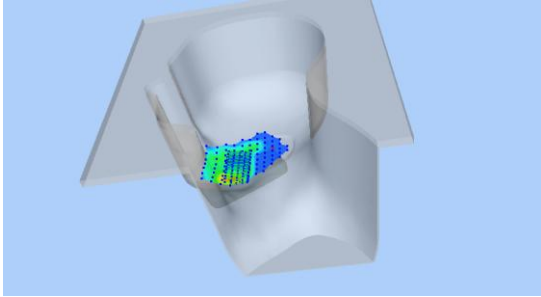
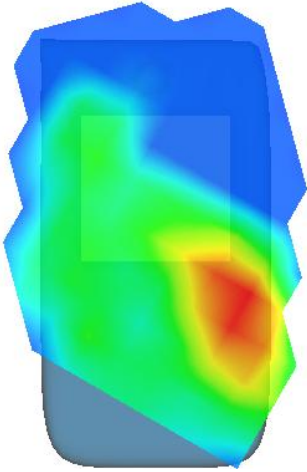
Maximum location: X=-52.00, Y=-59.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.061456
SAR 1g (W/Kg)	0.126550

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2106	0.1340	0.0717	0.0355	0.0158	0.0044	0.0005



3D screen shot	Hot spot position
	

MEASUREMENT 17

Right-side-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 7 minutes 52 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>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

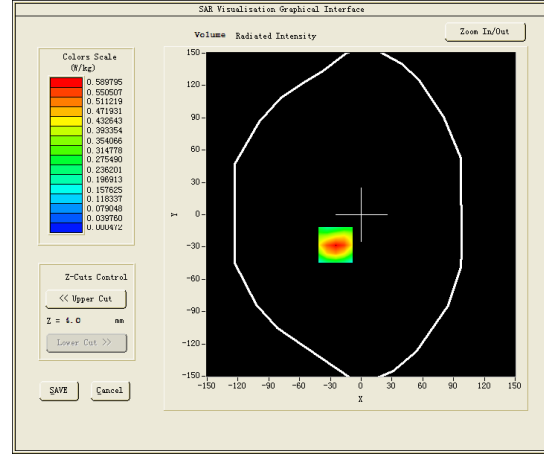
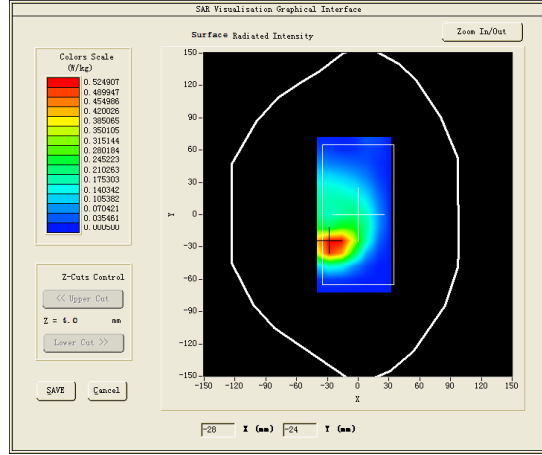
B. SAR Measurement Results

Middle Band SAR (Channel 19100):

Frequency (MHz)	1900.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524264
Variation (%)	2.640000

SURFACE SAR

VOLUME SAR

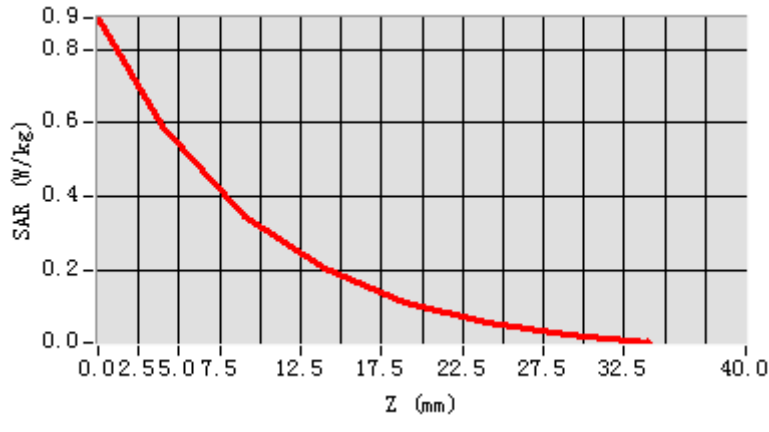


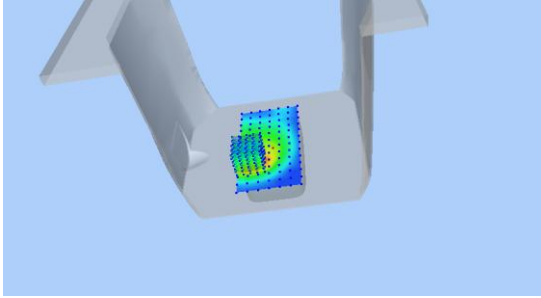
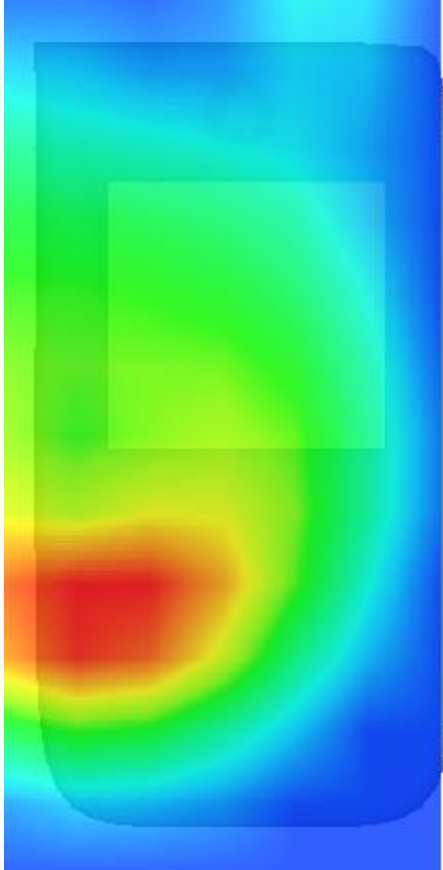
Maximum location: X=-25.00, Y=-28.00

SAR Peak: 0.00 W/kg

SAR 10g (W/Kg)	0.355068
SAR 1g (W/Kg)	0.502158

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8855	0.5898	0.3453	0.2024	0.1120	0.0564	0.0229



3D screen shot	Hot spot position
	

MEASUREMENT 18

Towards-phantom-20M-50RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 24/8/2016

Measurement duration: 7 minutes 50 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>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.78</u>

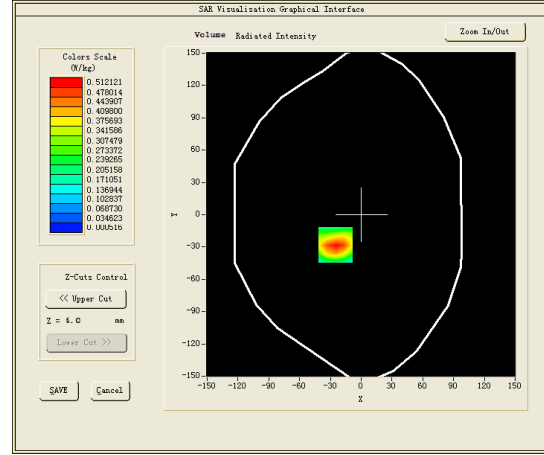
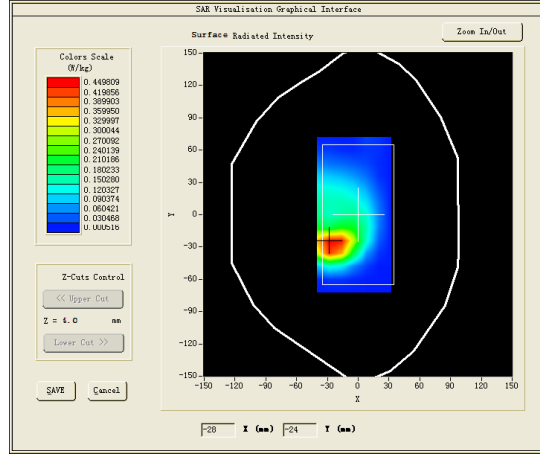
B. SAR Measurement Results

Middle Band SAR (Channel 19100):

Frequency (MHz)	1900.000000
Relative permittivity (real part)	52.254398
Relative permittivity (imaginary part)	14.597900
Conductivity (S/m)	1.524264
Variation (%)	-1.360000

SURFACE SAR

VOLUME SAR

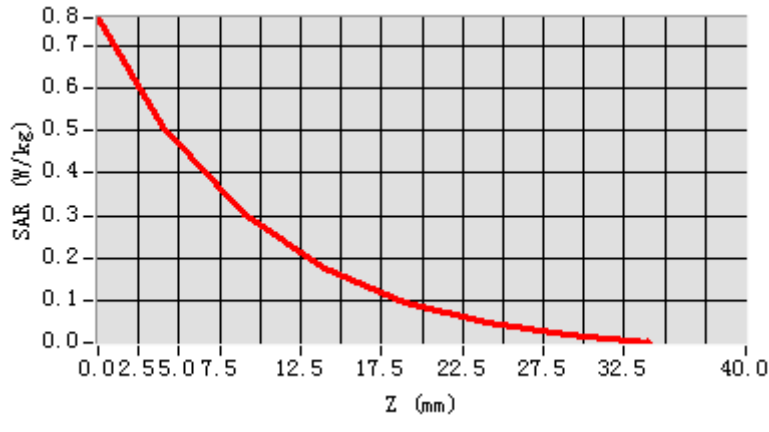


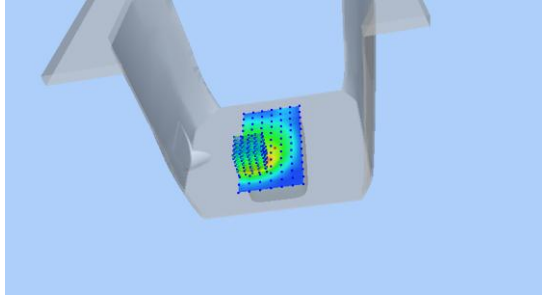
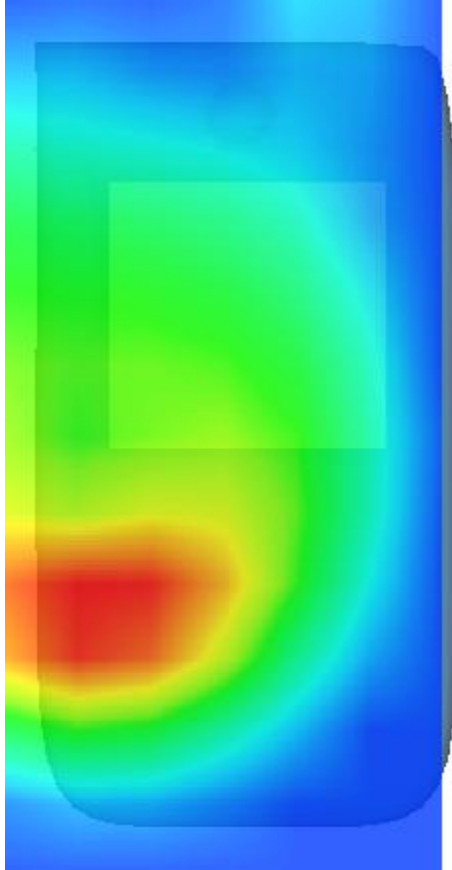
Maximum location: X=-25.00, Y=-28.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.320803
SAR 1g (W/Kg)	0.500467

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7651	0.5121	0.3011	0.1764	0.0964	0.0476	0.0181



3D screen shot	Hot spot position
	

MEASUREMENT 19

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 27/8/2016

Measurement duration: 10 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>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.01</u>

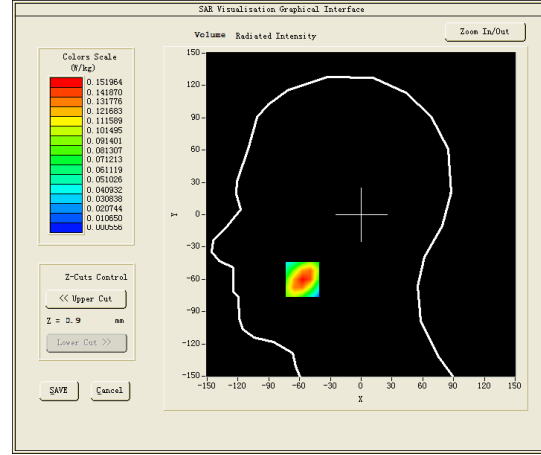
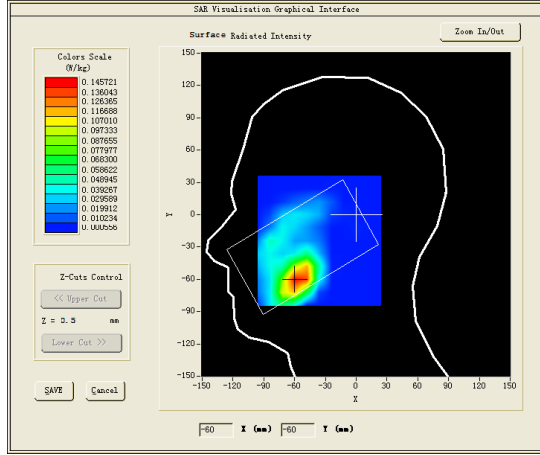
B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.739349
Relative permittivity (imaginary part)	13.991050
Conductivity (S/m)	1.346639
Variation (%)	-1.450000

SURFACE SAR

VOLUME SAR

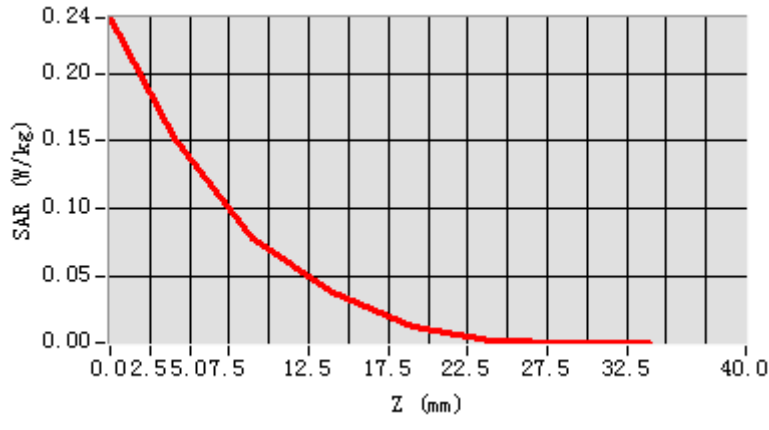


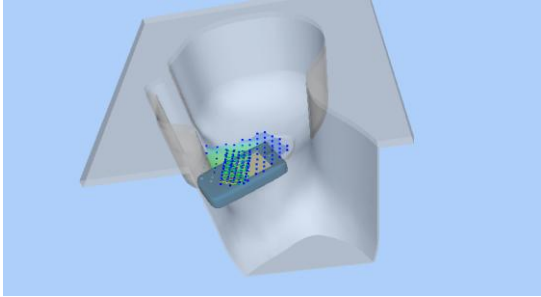
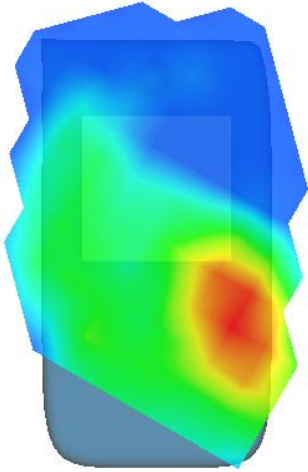
Maximum location: X=-57.00, Y=-60.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.067671
SAR 1g (W/Kg)	0.123075

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2408	0.1520	0.0771	0.0371	0.0125	0.0013	0.0006



3D screen shot	Hot spot position
	

MEASUREMENT 20

Front-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 27/8/2016

Measurement duration: 8 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 dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

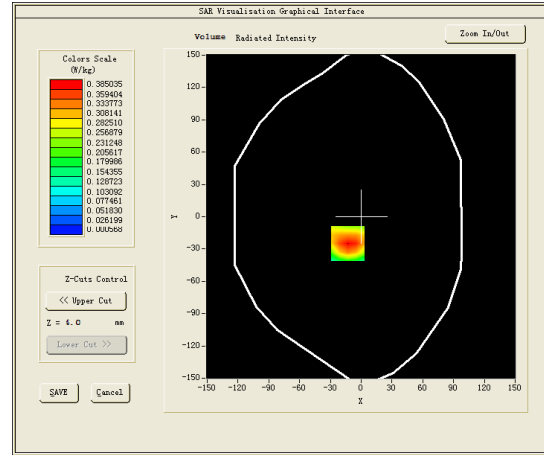
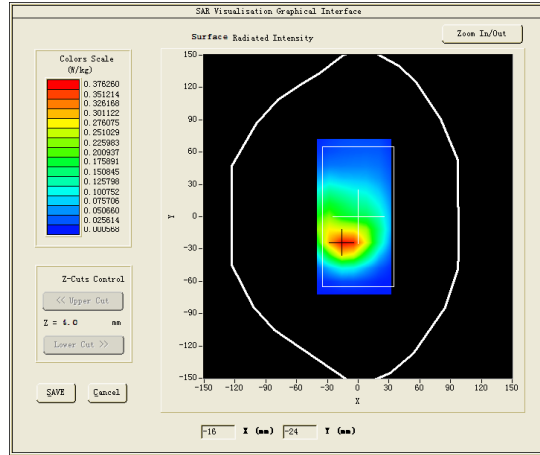
B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.306702
Relative permittivity (imaginary part)	14.680750
Conductivity (S/m)	1.413022
Variation (%)	2.530000

SURFACE SAR

VOLUME SAR

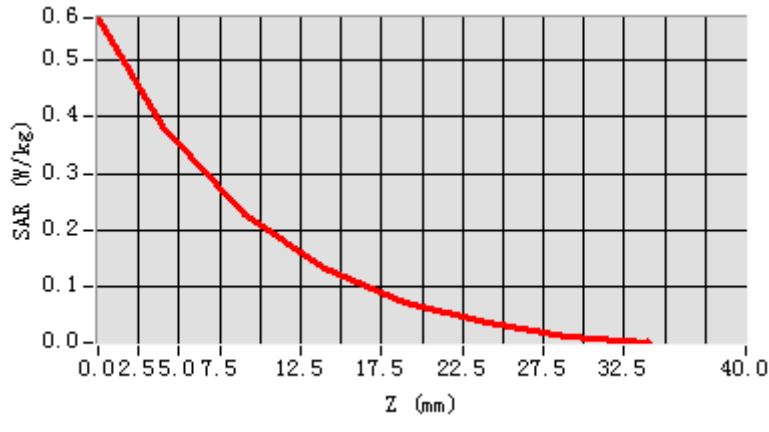


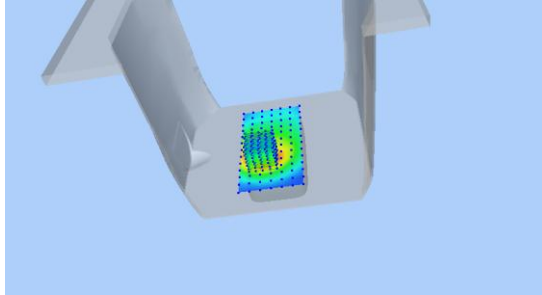
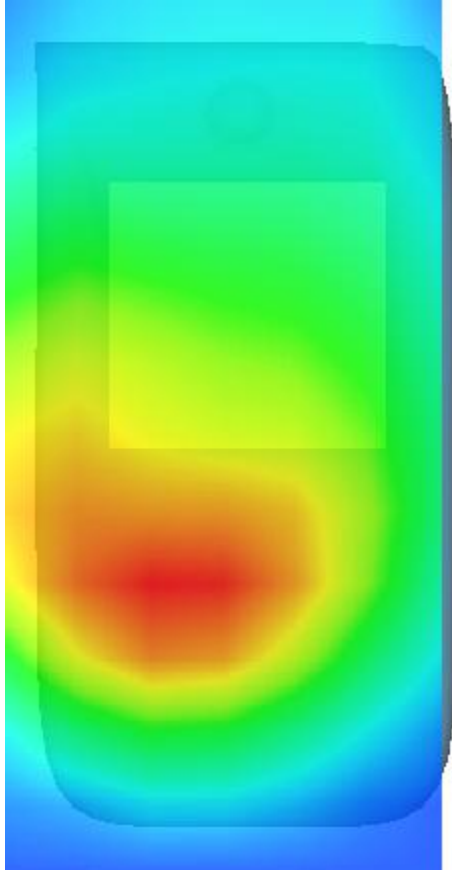
Maximum location: X=-13.00, Y=-25.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.373295
SAR 1g (W/Kg)	0.433142

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5754	0.3850	0.2267	0.1322	0.0715	0.0345	0.0116



3D screen shot	Hot spot position
	

MEASUREMENT 21

Towards-phantom-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 27/8/2016

Measurement duration: 11 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 dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.16</u>

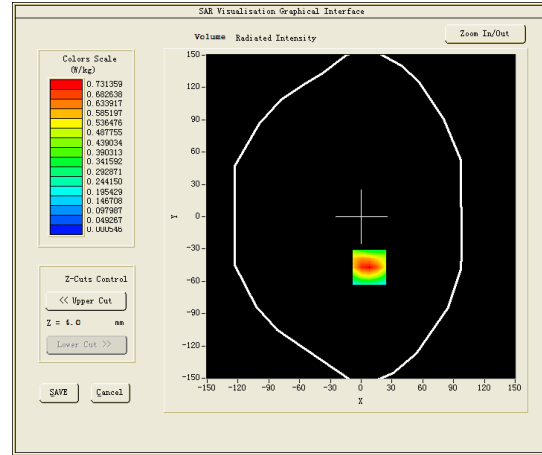
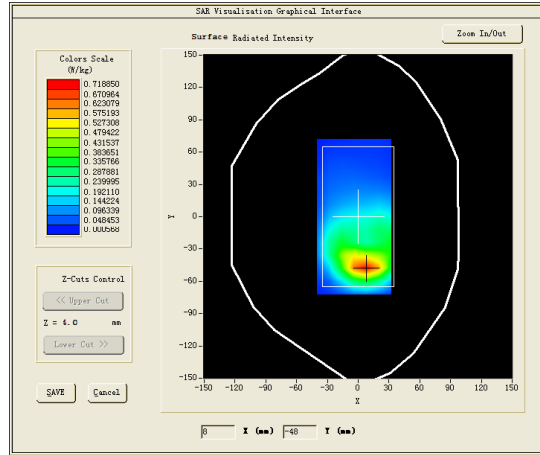
B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.306702
Relative permittivity (imaginary part)	14.680750
Conductivity (S/m)	1.413022
Variation (%)	3.690000

SURFACE SAR

VOLUME SAR

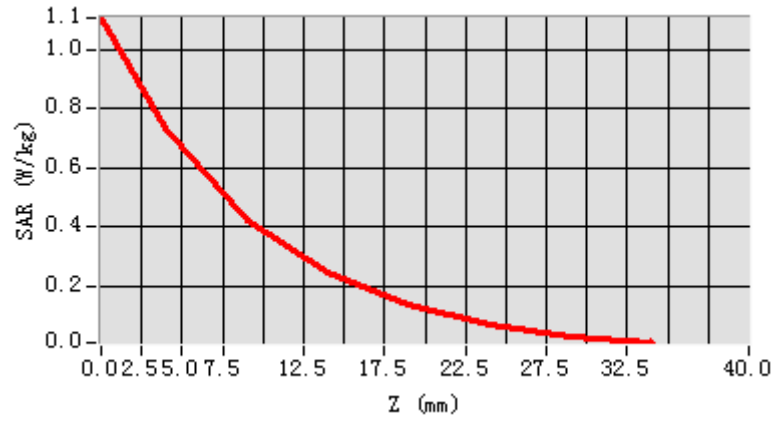


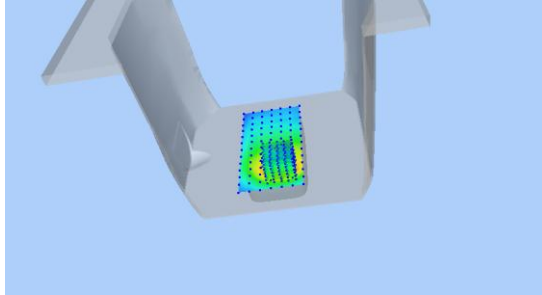
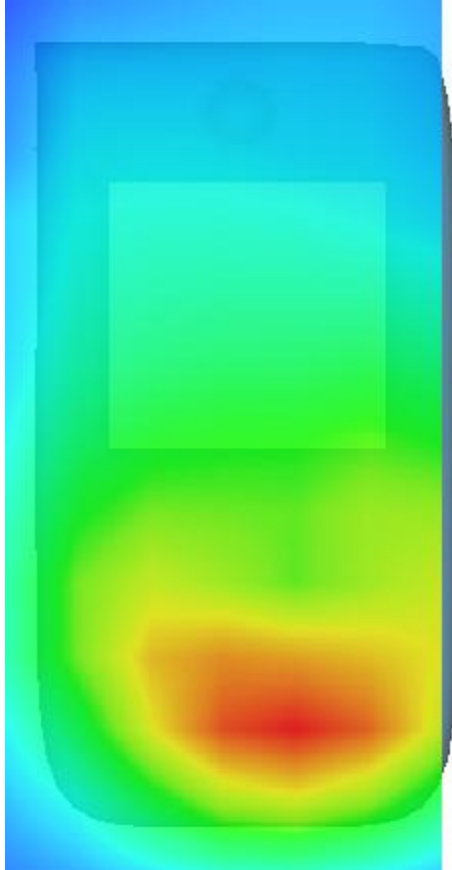
Maximum location: X=8.00, Y=-47.00

SAR Peak: 1.17 W/kg

SAR 10g (W/Kg)	0.390072
SAR 1g (W/Kg)	0.526289

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1083	0.7314	0.4229	0.2447	0.1354	0.0702	0.0312



3D screen shot	Hot spot position
	

MEASUREMENT 22

20M-50RB#50

Type: Phone measurement (Complete)

Date of measurement: 29/8/2016

Measurement duration: 13 minutes 51 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>3.92</u>

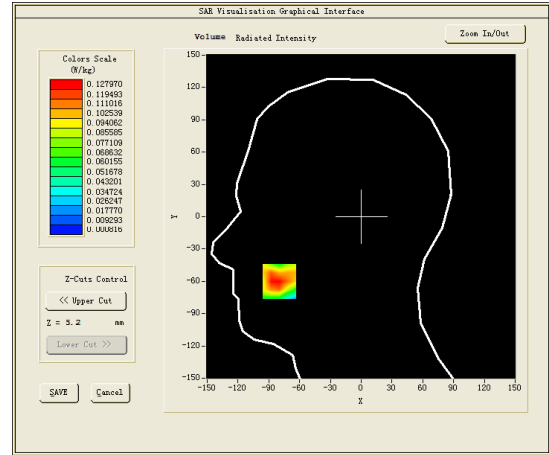
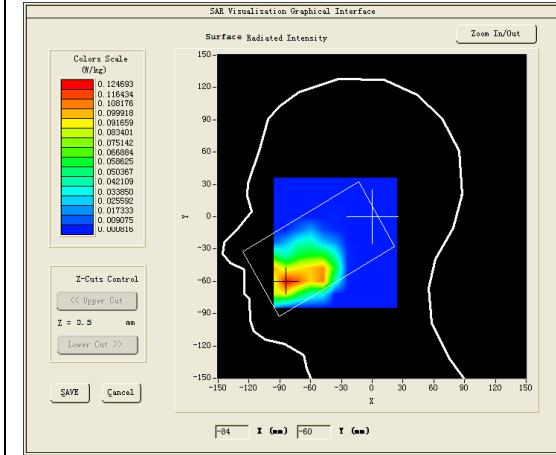
B. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.062801
Relative permittivity (imaginary part)	13.774200
Conductivity (S/m)	1.939867
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

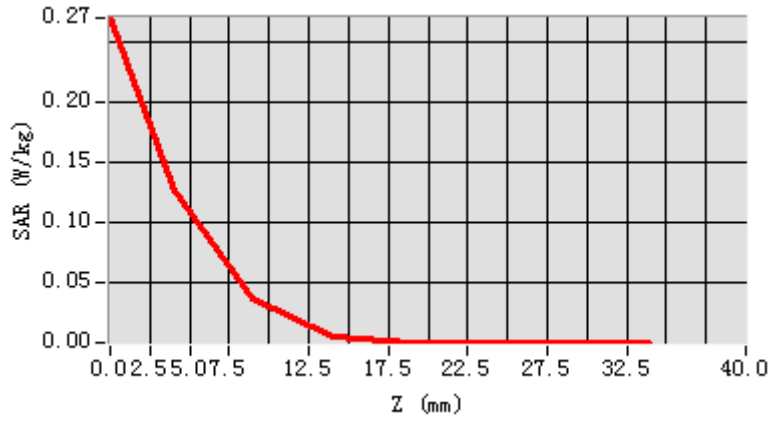


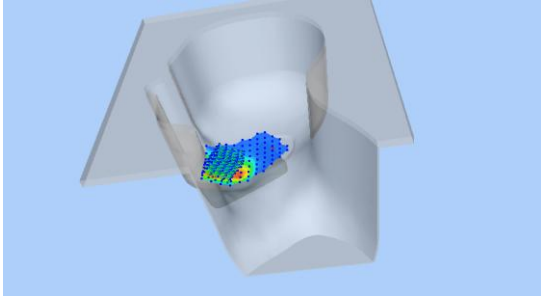
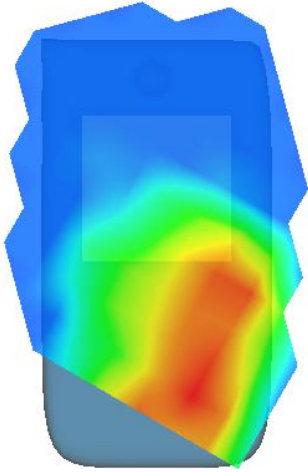
Maximum location: X=-80.00, Y=-60.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.047408
SAR 1g (W/Kg)	0.114969

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2701	0.1280	0.0380	0.0056	0.0008	0.0008	0.0008



3D screen shot	Hot spot position
	

MEASUREMENT 23

Right-side-20M-50RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 29/8/2016

Measurement duration: 8 minutes 17 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.07</u>

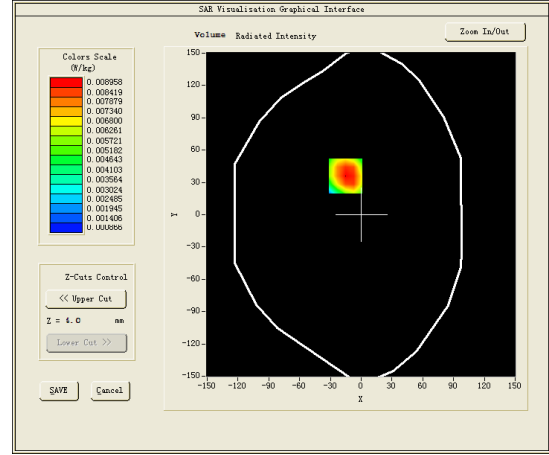
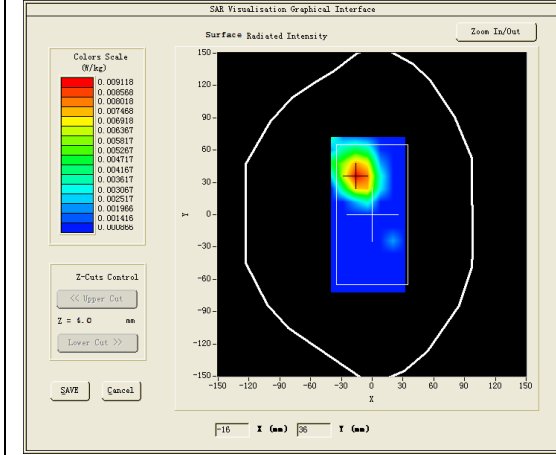
B. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.643902
Relative permittivity (imaginary part)	14.644800
Conductivity (S/m)	2.062476
Variation (%)	2.880000

SURFACE SAR

VOLUME SAR

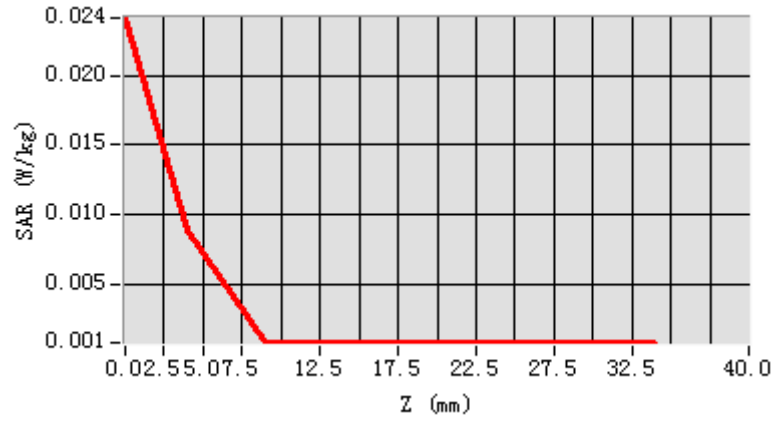


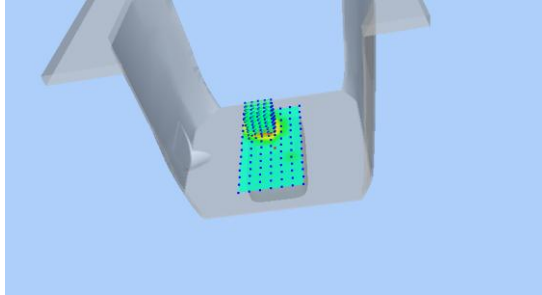
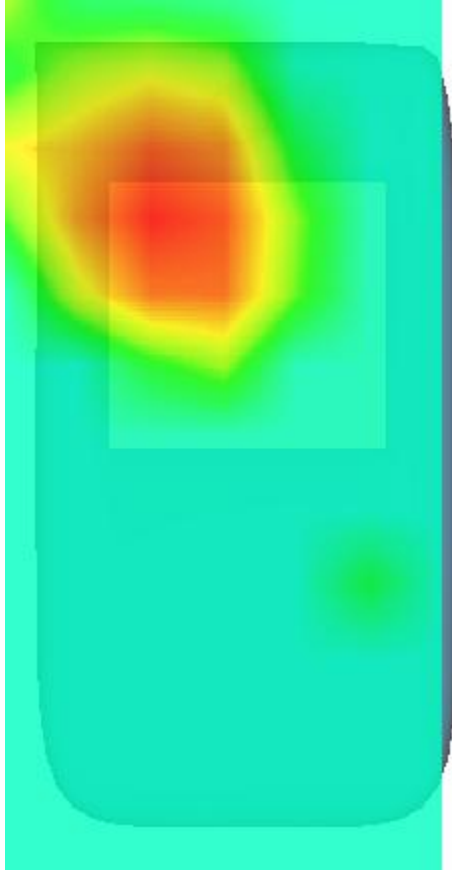
Maximum location: X=-15.00, Y=36.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.242342
SAR 1g (W/Kg)	0.434657

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0241	0.0090	0.0009	0.0009	0.0009	0.0009	0.0009



3D screen shot	Hot spot position
	

MEASUREMENT 24

Towards-phantom-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 29/8/2016

Measurement duration: 9 minutes 42 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.07</u>

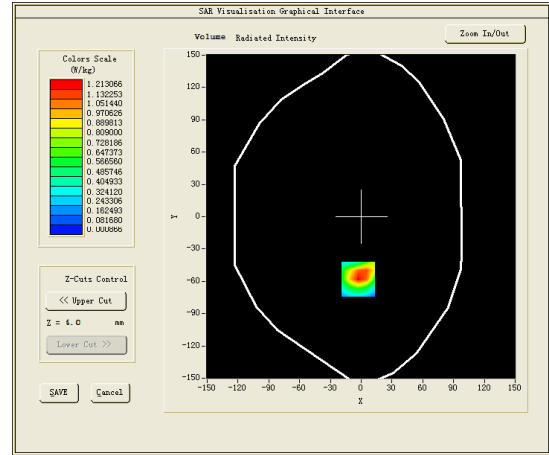
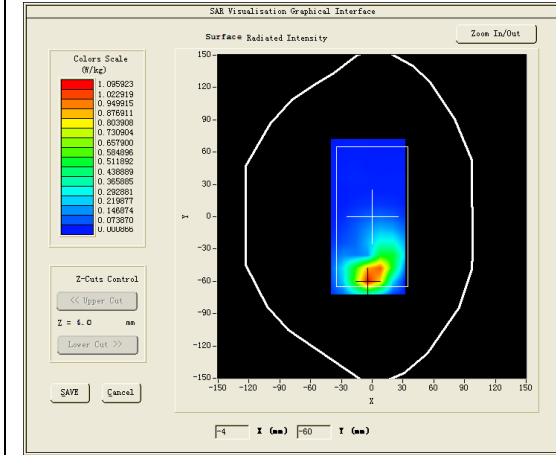
B. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.643902
Relative permittivity (imaginary part)	14.644800
Conductivity (S/m)	2.062476
Variation (%)	2.940000

SURFACE SAR

VOLUME SAR

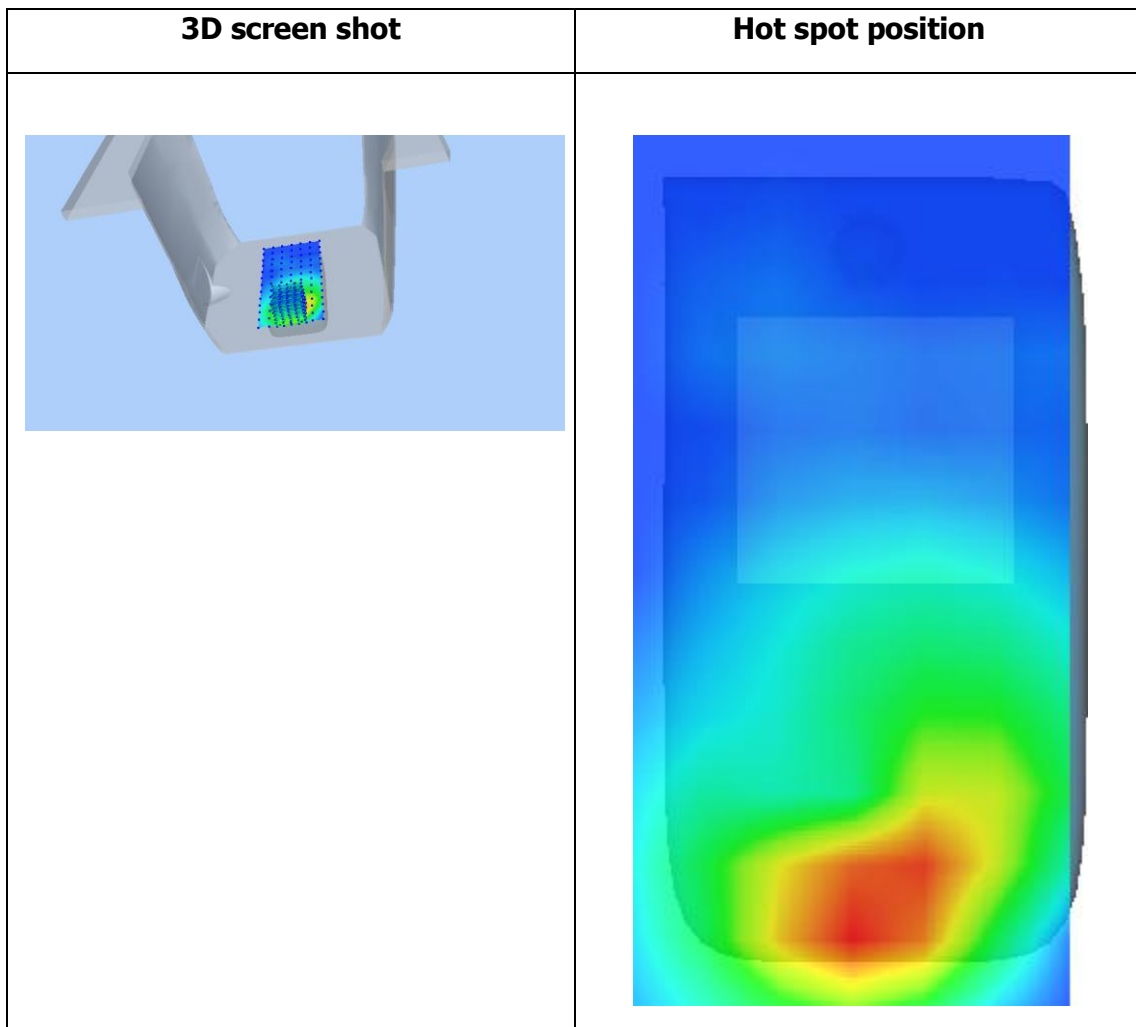
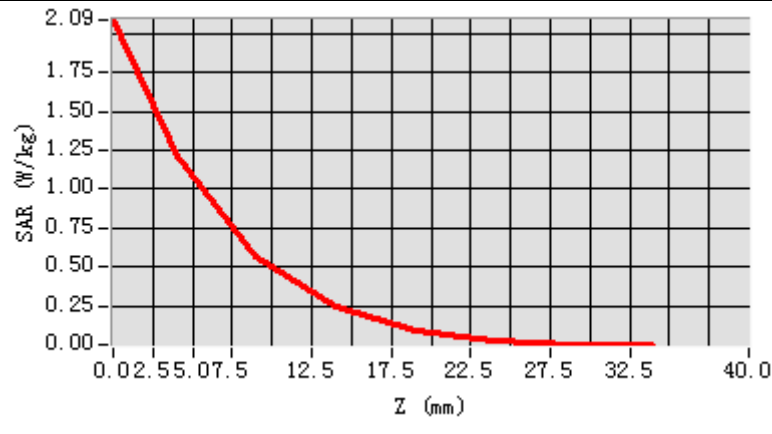


Maximum location: X=-3.00, Y=-58.00

SAR Peak: 2.42 W/kg

SAR 10g (W/Kg)	0.345053
SAR 1g (W/Kg)	0.602611

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0863	1.2131	0.5643	0.2433	0.0945	0.0248	0.0009



MEASUREMENT 25

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 44 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

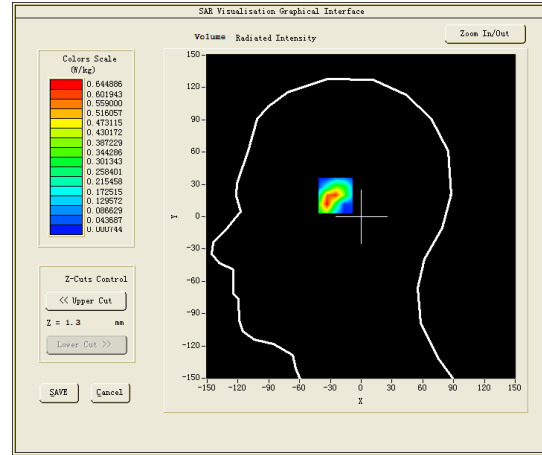
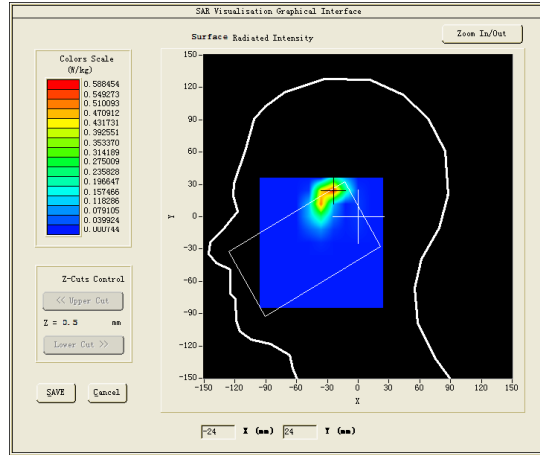
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.279701
Relative permittivity (imaginary part)	13.189900
Conductivity (S/m)	1.789430
Variation (%)	-1.570000

SURFACE SAR

VOLUME SAR

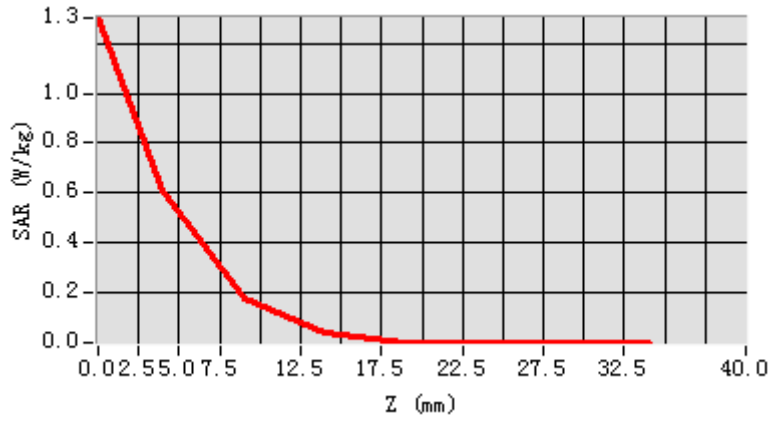


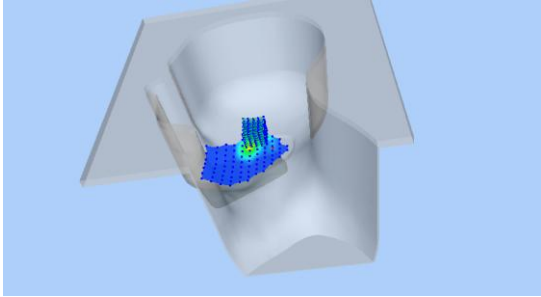
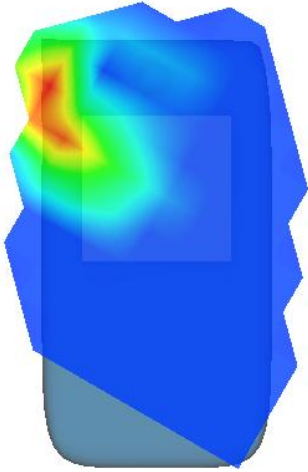
Maximum location: X=-25.00, Y=24.00

SAR Peak: 1.33 W/kg

SAR 10g (W/Kg)	0.202228
SAR 1g (W/Kg)	0.601664

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3011	0.6143	0.1752	0.0437	0.0007	0.0007	0.0007



3D screen shot	Hot spot position
	

MEASUREMENT 26

Front-side-middle

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 11 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mme</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm 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>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

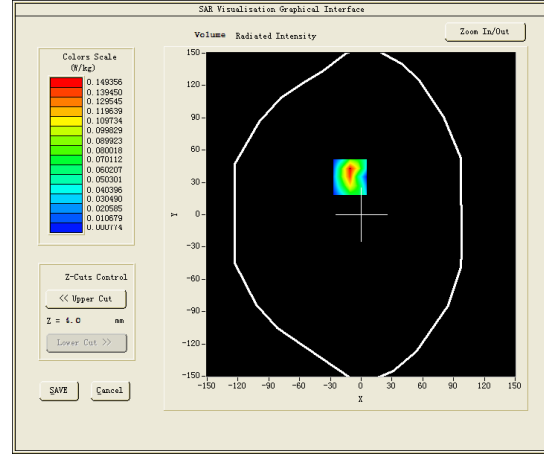
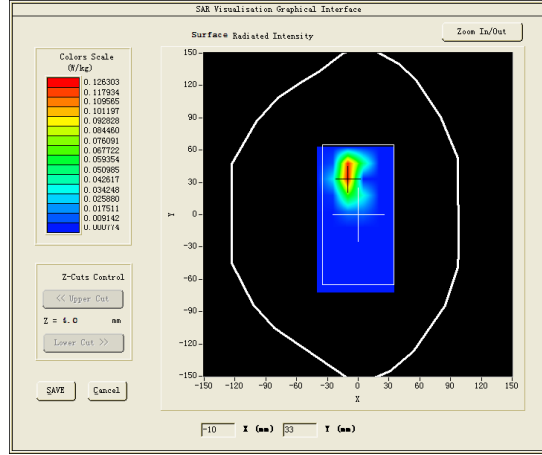
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.915798
Relative permittivity (imaginary part)	14.315100
Conductivity (S/m)	1.942082
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

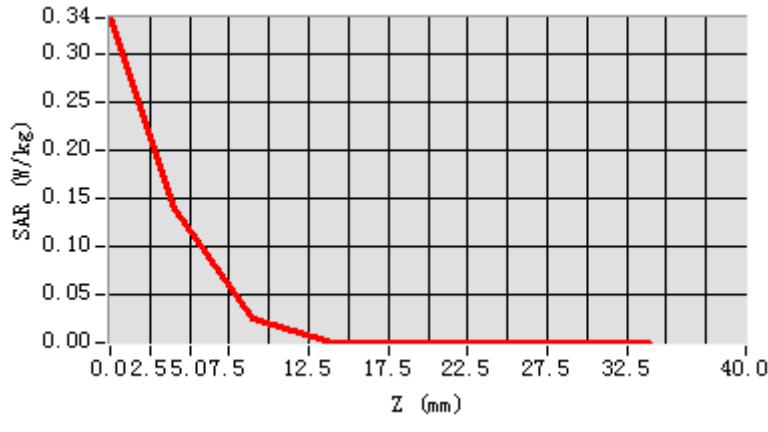


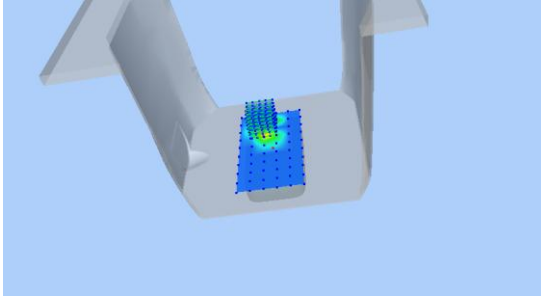
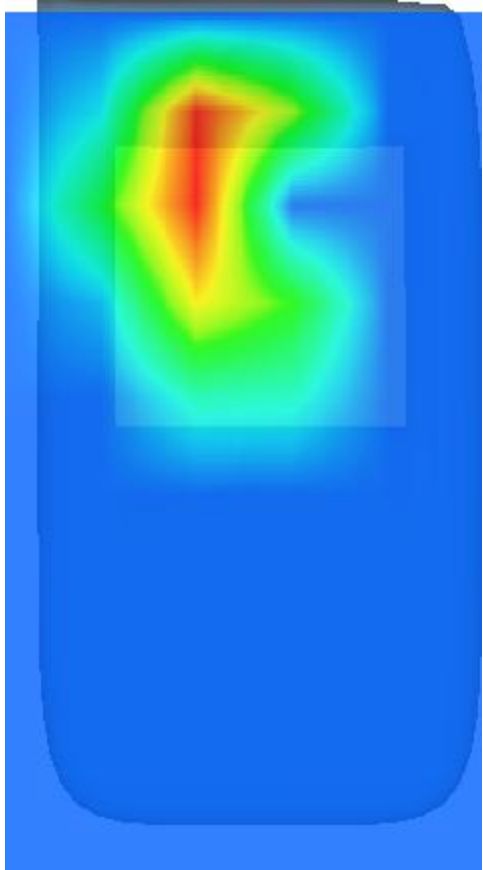
Maximum location: X=-11.00, Y=35.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.015484
SAR 1g (W/Kg)	0.068280

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3368	0.1401	0.0264	0.0008	0.0008	0.0008	0.0008



3D screen shot	Hot spot position
	

MEASUREMENT 27

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 28 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mme</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm 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>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

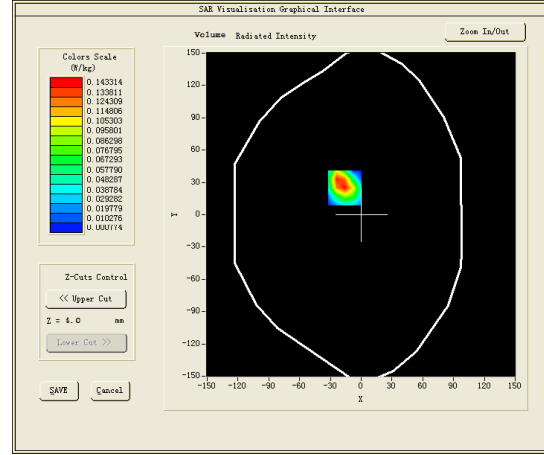
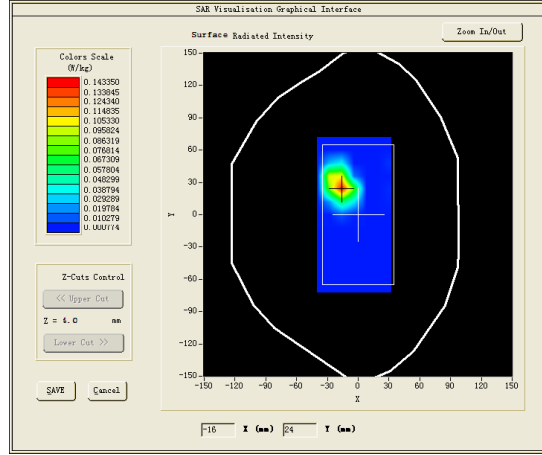
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.915798
Relative permittivity (imaginary part)	14.315100
Conductivity (S/m)	1.942082
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

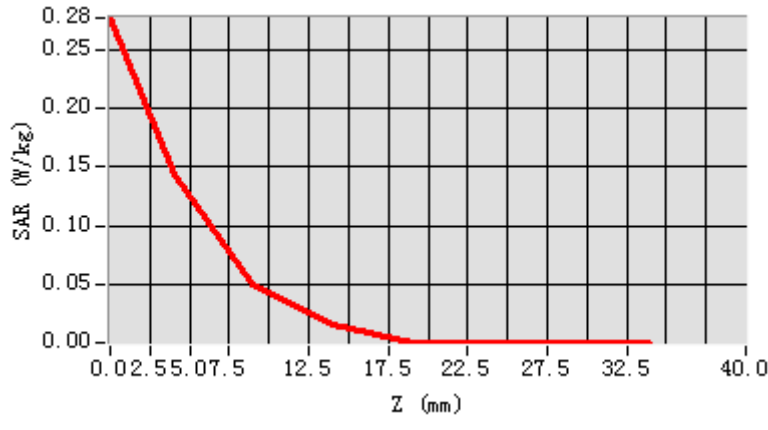


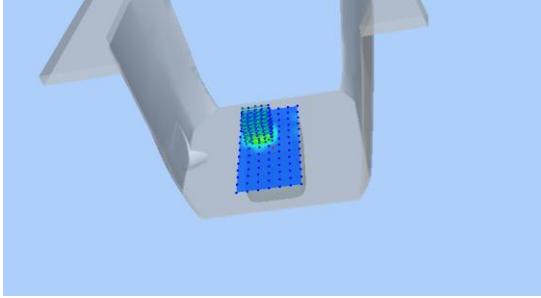
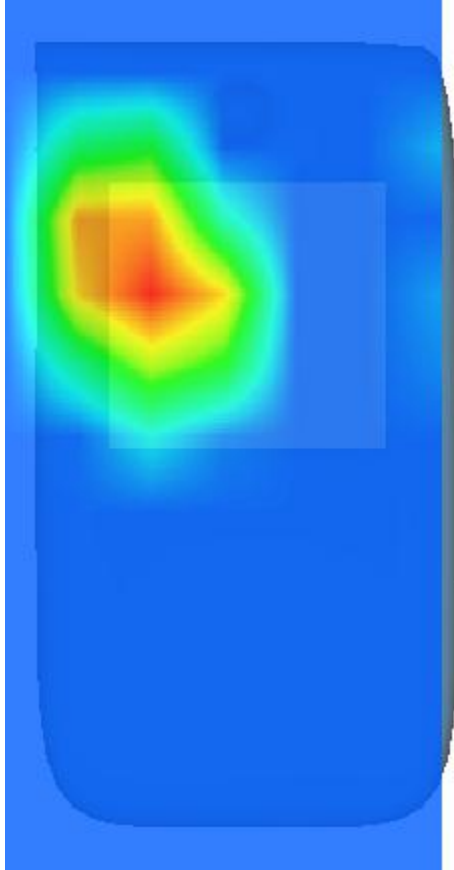
Maximum location: X=-16.00, Y=25.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.057470
SAR 1g (W/Kg)	0.096659

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2765	0.1433	0.0508	0.0153	0.0008	0.0008	0.0008



3D screen shot	Hot spot position
	

MEASUREMENT 28

Type: Phone measurement (Complete)

Date of measurement: 30/8/2016

Measurement duration: 9 minutes 22 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm</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>IEEE 802.11a U-NII-2A</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1.0</u>

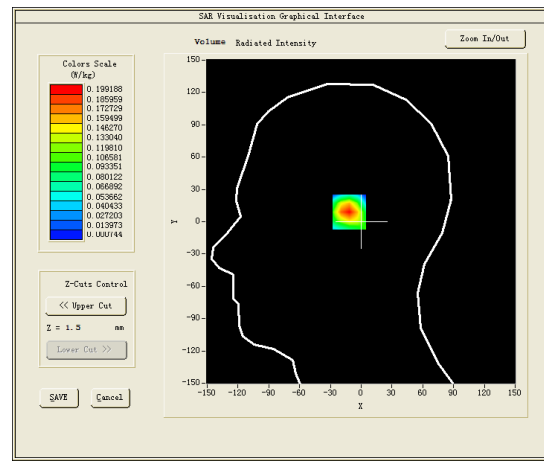
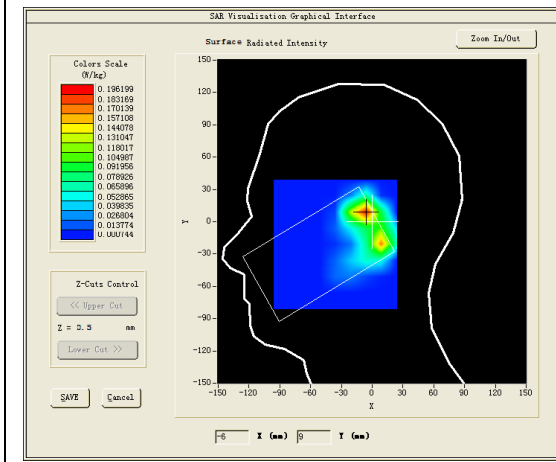
B. SAR Measurement Results

High Band SAR (Channel 64):

Frequency (MHz)	5320.000000
Relative permittivity (real part)	35.139701
Relative permittivity (imaginary part)	16.548572
Conductivity (S/m)	4.895210
Variation (%)	-0.600000

SURFACE SAR

VOLUME SAR

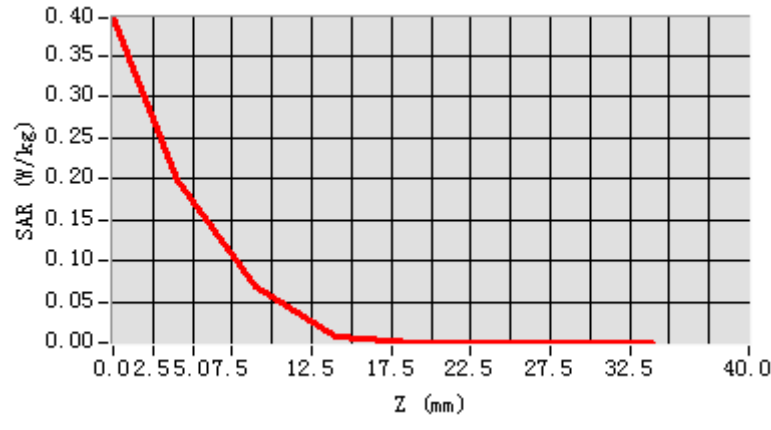


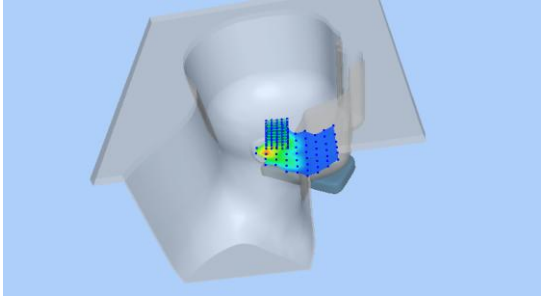
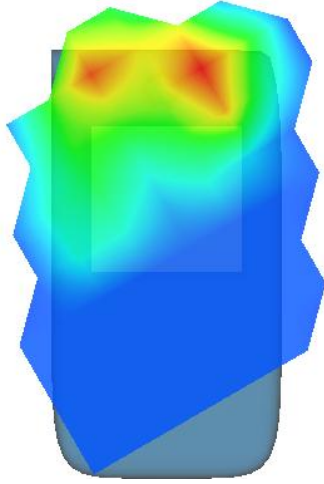
Maximum location: X=-7.00, Y=9.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.037369
SAR 1g (W/Kg)	0.108057

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3963	0.1992	0.0686	0.0083	0.0007	0.0007	0.0007



3D screen shot	Hot spot position
	

MEASUREMENT 29

Type: Phone measurement (Complete)

Date of measurement: 30/8/2016

Measurement duration: 10 minutes 3 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm</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>IEEE 802.11a U-NII-3</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1.0</u>

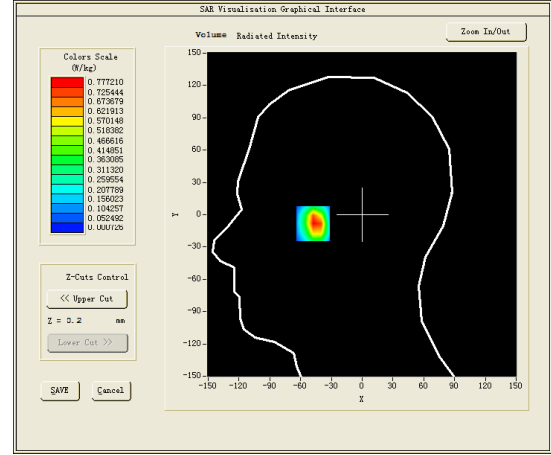
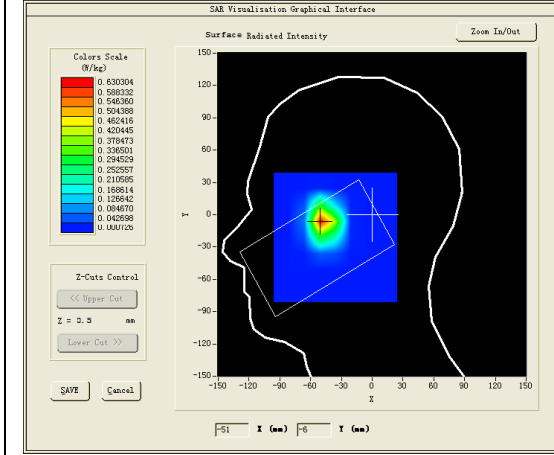
B. SAR Measurement Results

High Band SAR (Channel 165):

Frequency (MHz)	5825.000000
Relative permittivity (real part)	35.375521
Relative permittivity (imaginary part)	16.245435
Conductivity (S/m)	5.261300
Variation (%)	0.900000

SURFACE SAR

VOLUME SAR

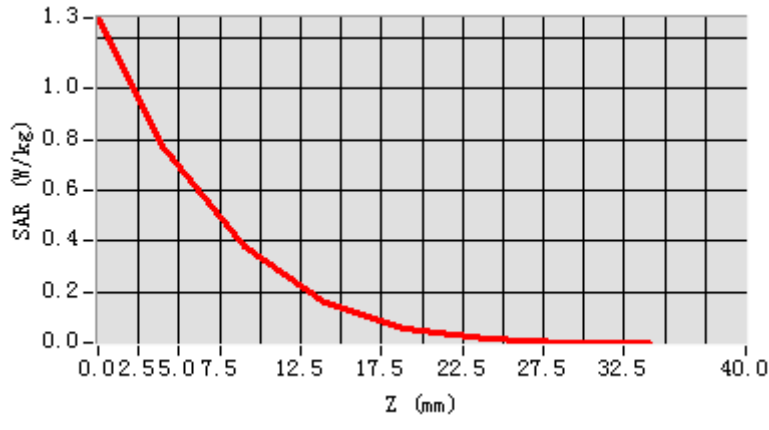


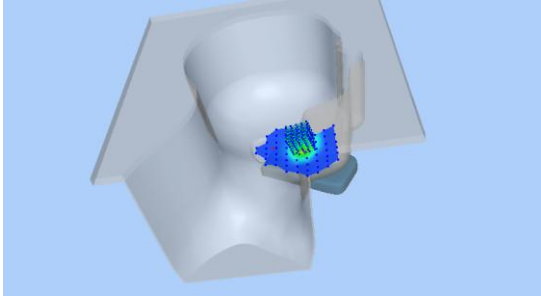
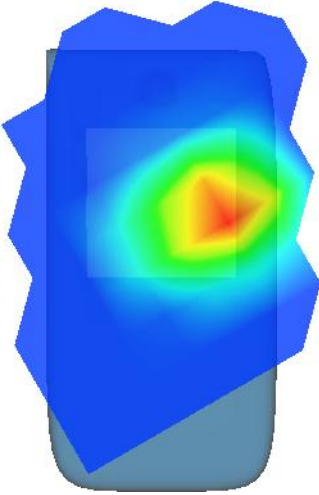
Maximum location: X=-48.00, Y=-6.00

SAR Peak: 1.59 W/kg

SAR 10g (W/Kg)	0.084353
SAR 1g (W/Kg)	0.177002

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2802	0.7772	0.3834	0.1558	0.0586	0.0176	0.0007



3D screen shot	Hot spot position
	

MEASUREMENT 30

Towards-Phantom-low

Type: Phone measurement (Complete)

Date of measurement: 30/8/2016

Measurement duration: 11 minutes 43 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-1</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 1.0</u>

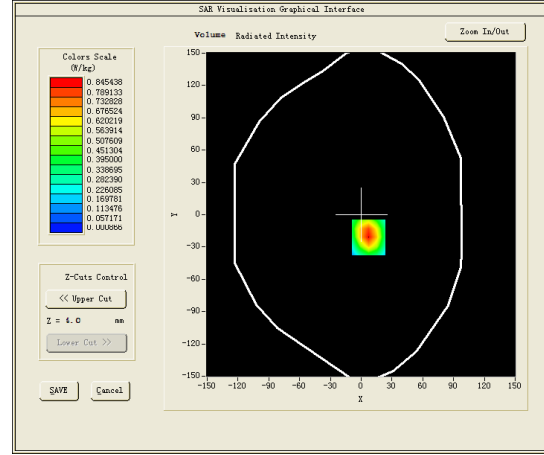
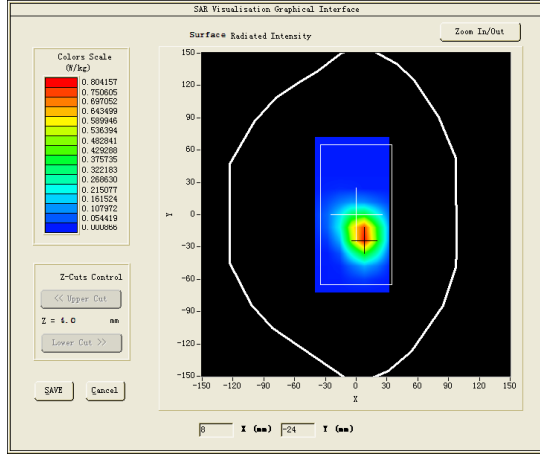
B. SAR Measurement Results

Low Band SAR (Channel 36):

Frequency (MHz)	5180.000000
Relative permittivity (real part)	49.379736
Relative permittivity (imaginary part)	17.911400
Conductivity (S/m)	5.158907
Variation (%)	0.850000

SURFACE SAR

VOLUME SAR

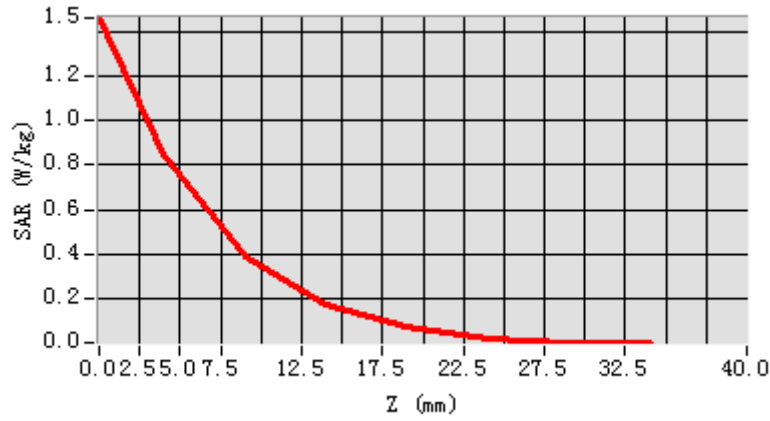


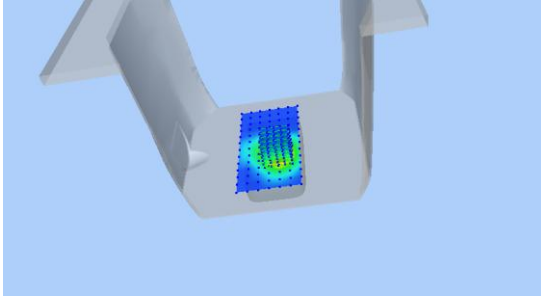
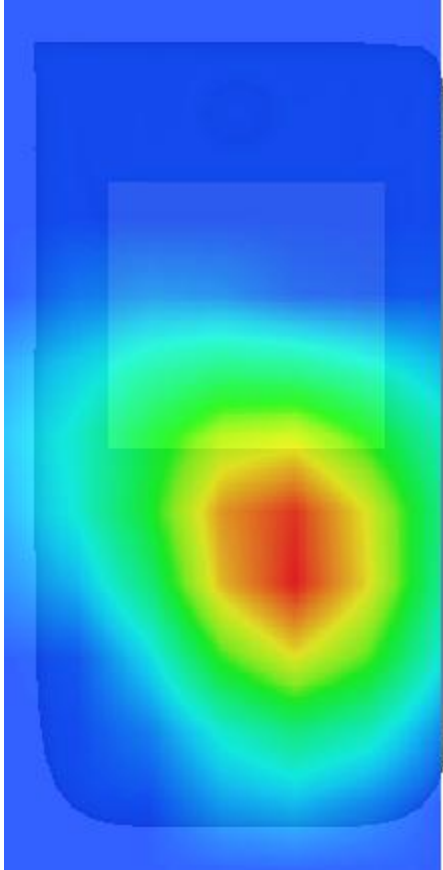
Maximum location: X=7.00, Y=-21.00

SAR Peak: 1.56 W/kg

SAR 10g (W/Kg)	0.044124
SAR 1g (W/Kg)	0.094262

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.4626	0.8454	0.3910	0.1740	0.0693	0.0180	0.0009



3D screen shot	Hot spot position
	

MEASUREMENT 31

Towards-Ground-high

ype: Phone measurement (Complete)

Date of measurement: 30/8/2016

Measurement duration: 9 minutes 55 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-3</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1.0</u>

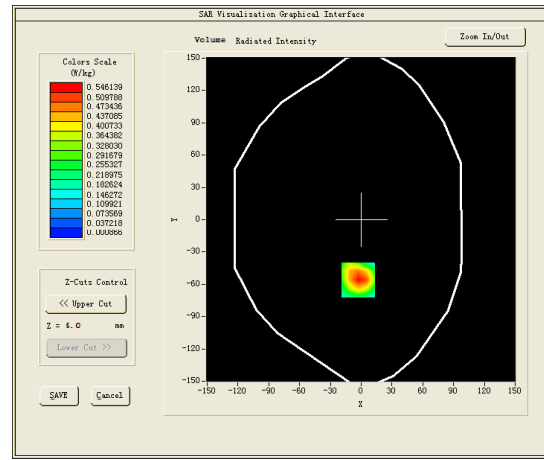
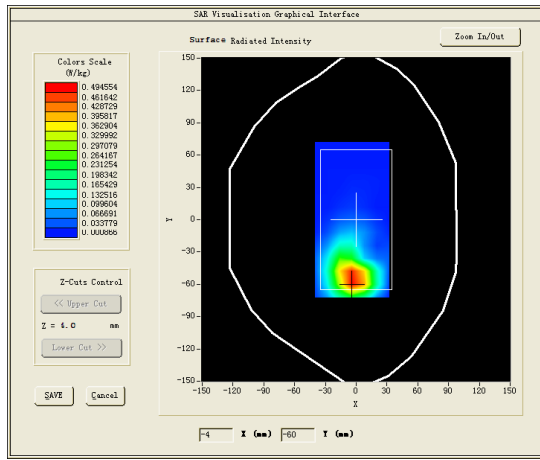
B. SAR Measurement Results

High Band SAR (Channel 165):

Frequency (MHz)	5825.000000
Relative permittivity (real part)	48.235748
Relative permittivity (imaginary part)	19.060800
Conductivity (S/m)	6.173560
Variation (%)	2.500000

SURFACE SAR

VOLUME SAR

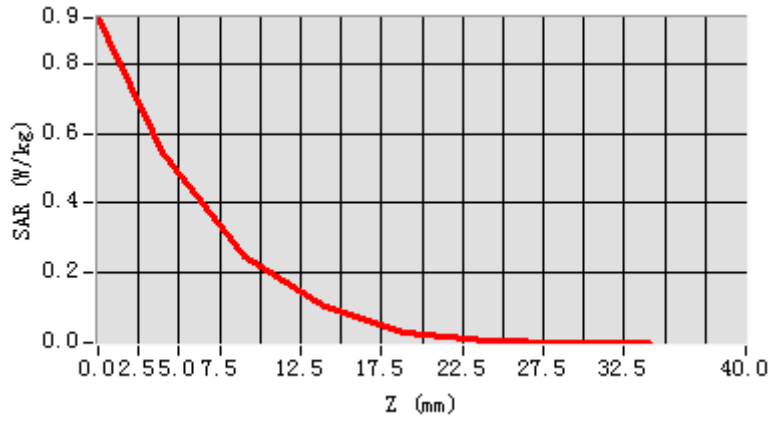


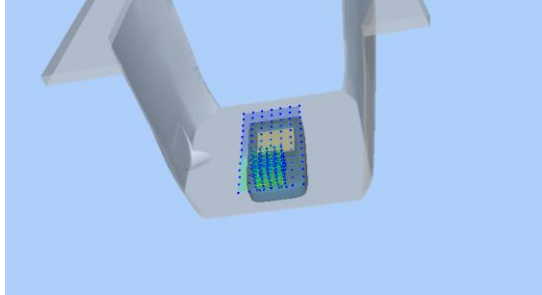
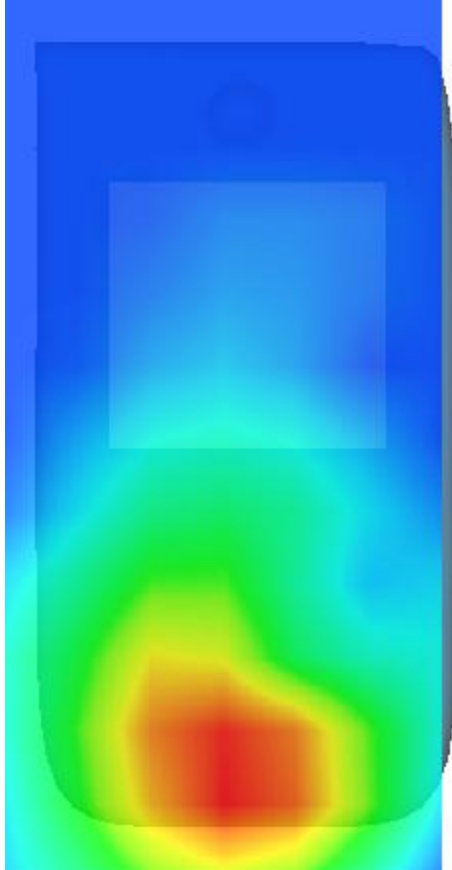
Maximum location: X=-3.00, Y=-56.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.042350
SAR 1g (W/Kg)	0.081282

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9310	0.5461	0.2502	0.1047	0.0324	0.0038	0.0009



3D screen shot	Hot spot position
	

MEASUREMENT 32

Top-Side-high

Type: Phone measurement (Complete)

Date of measurement: 30/8/2016

Measurement duration: 9 minutes 42 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-3</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1.0</u>

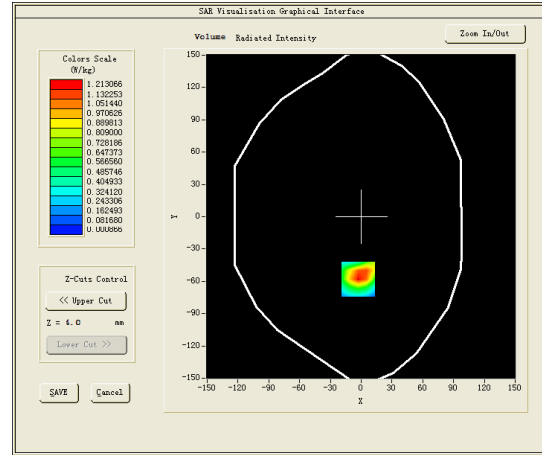
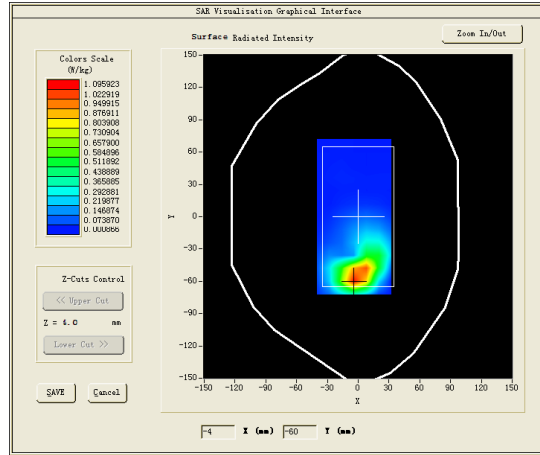
B. SAR Measurement Results

High Band SAR (Channel 64):

Frequency (MHz)	5320.000000
Relative permittivity (real part)	47.981902
Relative permittivity (imaginary part)	18.107654
Conductivity (S/m)	5.392476
Variation (%)	0.580000

SURFACE SAR

VOLUME SAR

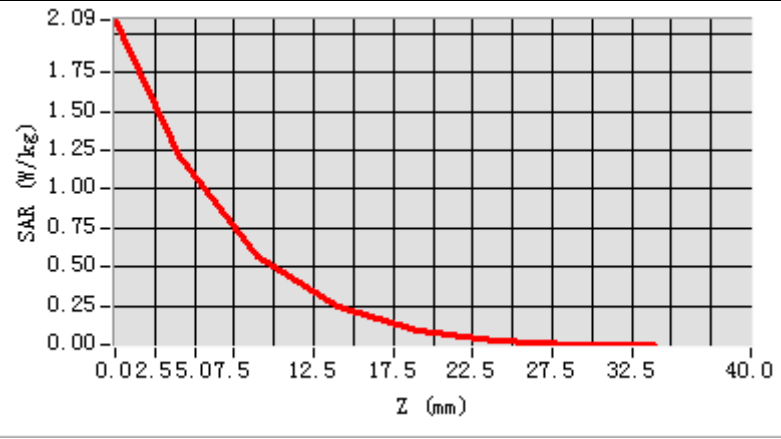


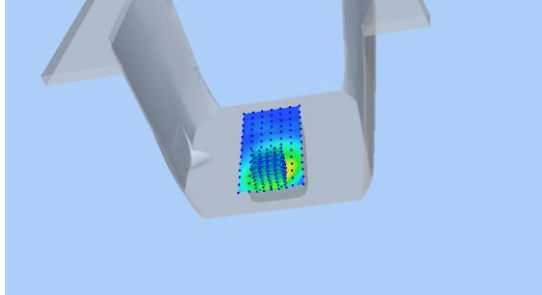
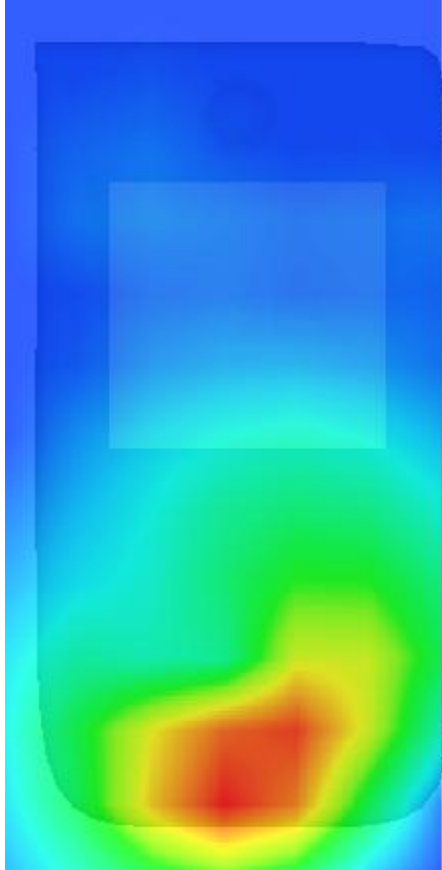
Maximum location: X=-3.00, Y=-58.00

SAR Peak: 2.42 W/kg

SAR 10g (W/Kg)	0.247053
SAR 1g (W/Kg)	0.291311

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0863	1.2131	0.5643	0.2433	0.0945	0.0248	0.0009



3D screen shot	Hot spot position
	

MEASUREMENT 33

Top-Side-high

Type: Phone measurement (Complete)

Date of measurement: 30/8/2016

Measurement duration: 11 minutes 52 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-3</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1.0</u>

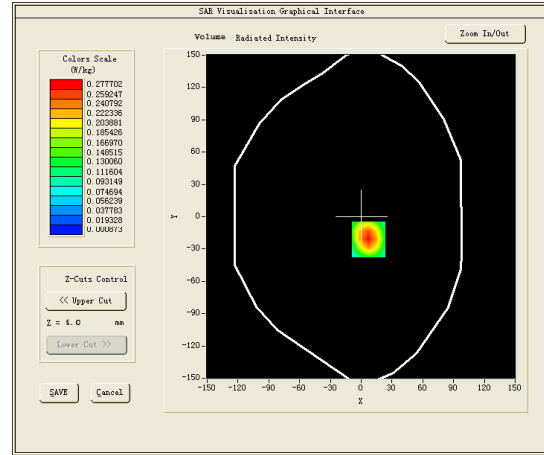
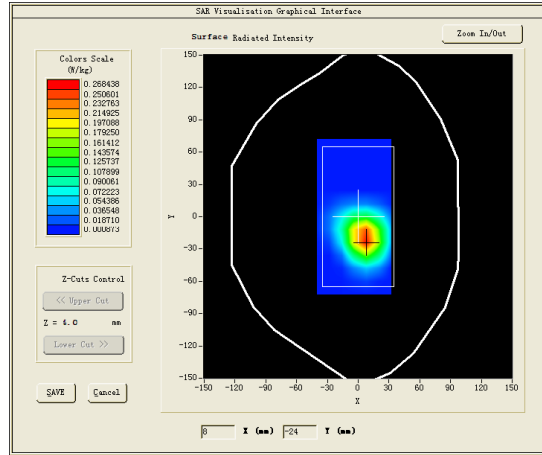
B. SAR Measurement Results

Higher Band SAR (Channel 165):

Frequency (MHz)	5825.000000
Relative permittivity (real part)	48.139400
Relative permittivity (imaginary part)	19.154900
Conductivity (S/m)	6.205808
Variation (%)	0.600000

SURFACE SAR

VOLUME SAR

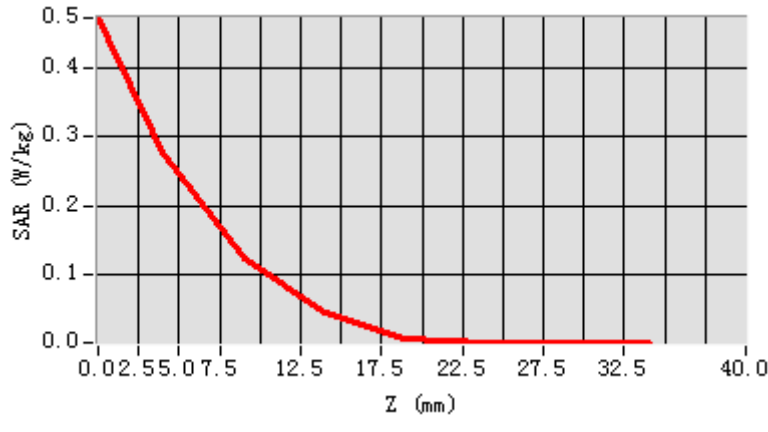


Maximum location: X=7.00, Y=-21.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.277351
SAR 1g (W/Kg)	0.331495

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4736	0.2777	0.1224	0.0447	0.0059	0.0009	0.0009



3D screen shot	Hot spot position
