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Annex B: Measurement Results

Tested Model: CX Air

**Report Number:
WSCT-R&E17030129A**

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 9 minutes 26 seconds

A. Experimental conditions.

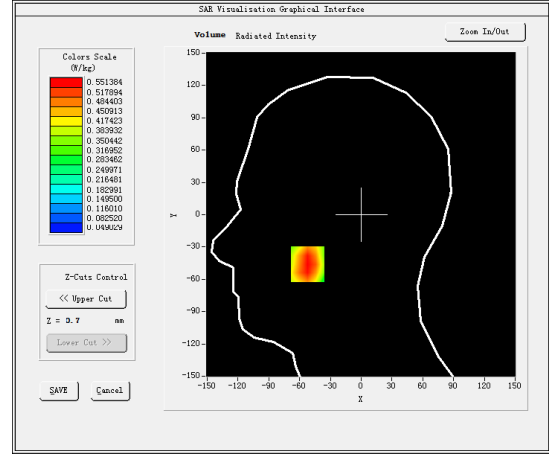
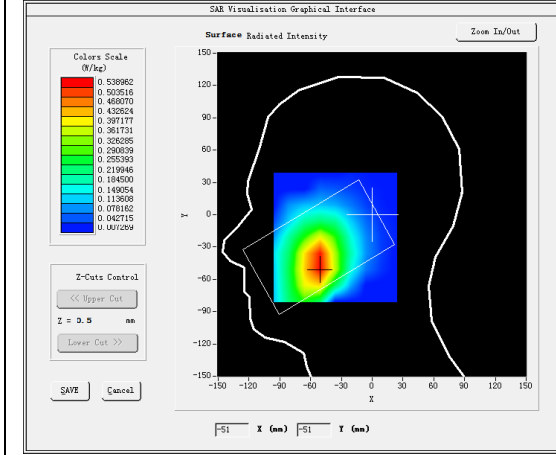
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<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 (%)	-3.160000

SURFACE SAR

VOLUME SAR

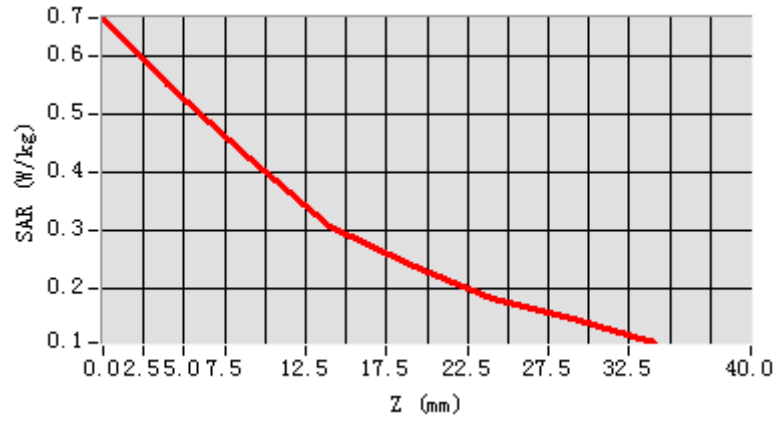


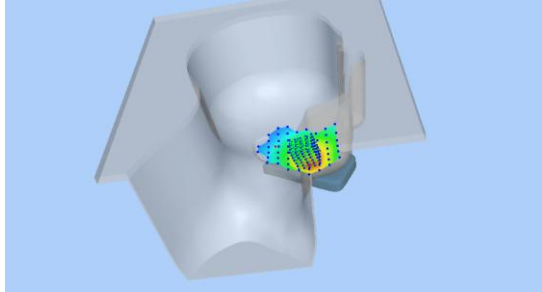
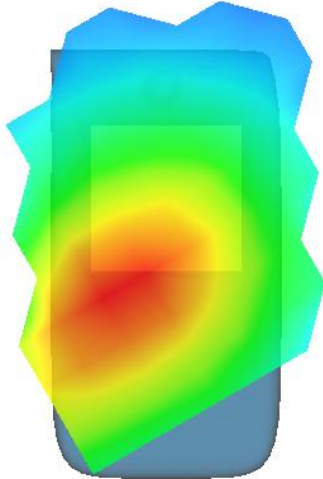
Maximum location: X=-52.00, Y=-46.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.374262
SAR 1g (W/Kg)	0.543198

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6658	0.5514	0.4226	0.3066	0.2390	0.1817	0.1473



3D screen shot	Hot spot position
	

MEASUREMENT 2

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 11 minutes 29 seconds

A. Experimental conditions.

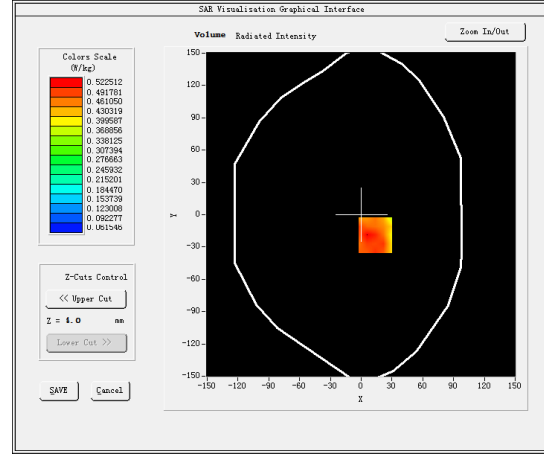
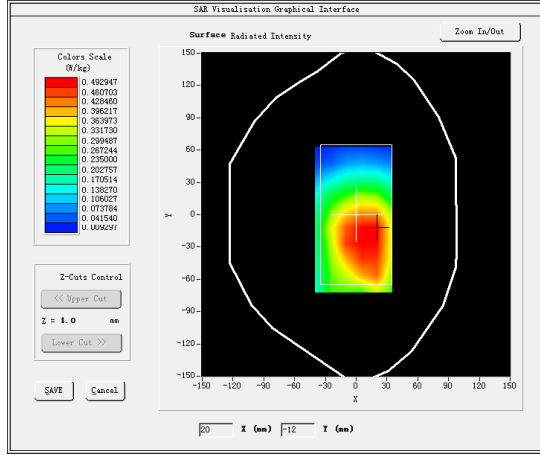
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</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 (%)	-1.550000

SURFACE SAR

VOLUME SAR

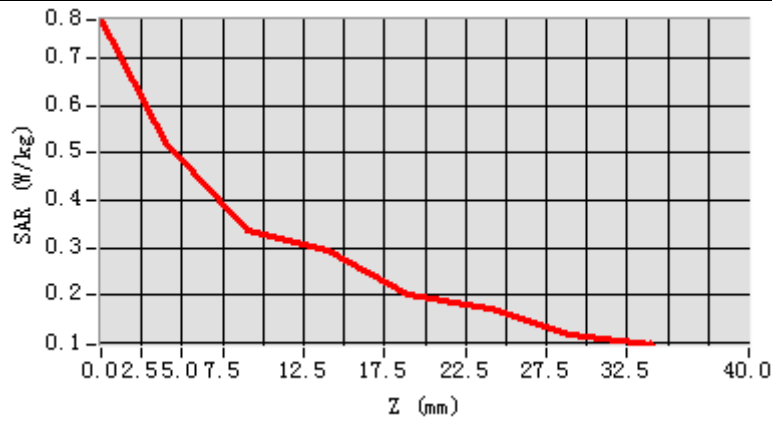


Maximum location: X=14.00, Y=-19.00

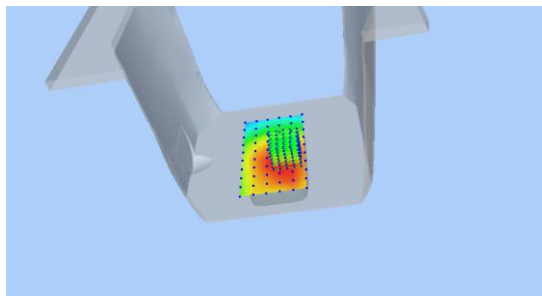
SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.368415
SAR 1g (W/Kg)	0.510438

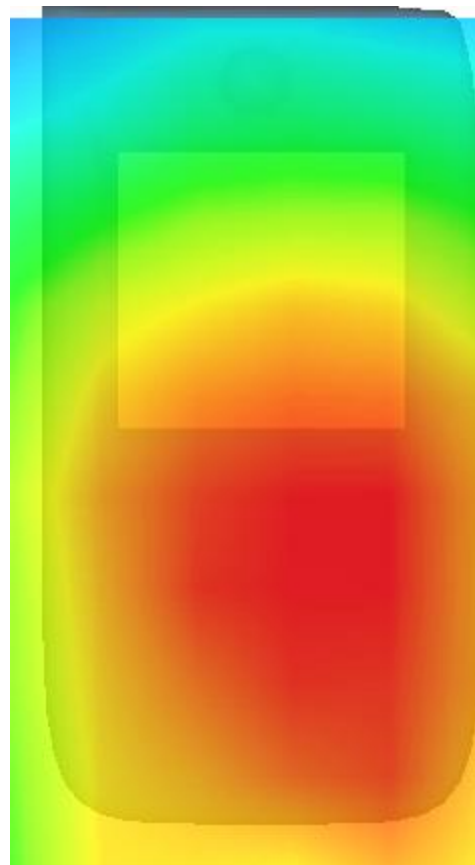
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7822	0.5225	0.3370	0.2930	0.1994	0.1706	0.1145



3D screen shot



Hot spot position



MEASUREMENT 3

Rear-side-high

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 11 minutes 9 seconds

A. Experimental conditions.

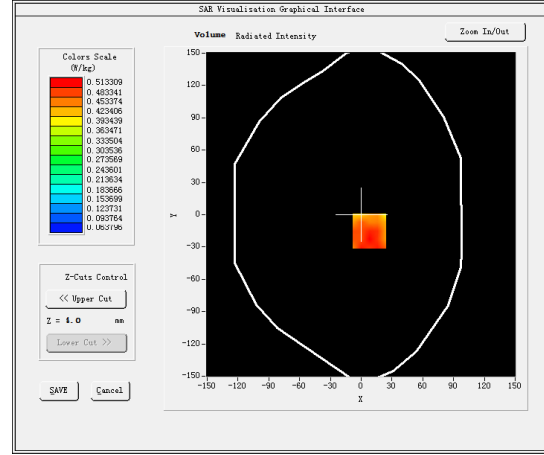
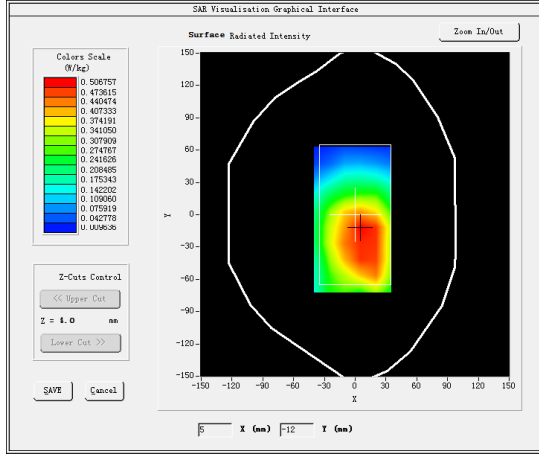
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion 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 (%)	0.450000

SURFACE SAR

VOLUME SAR

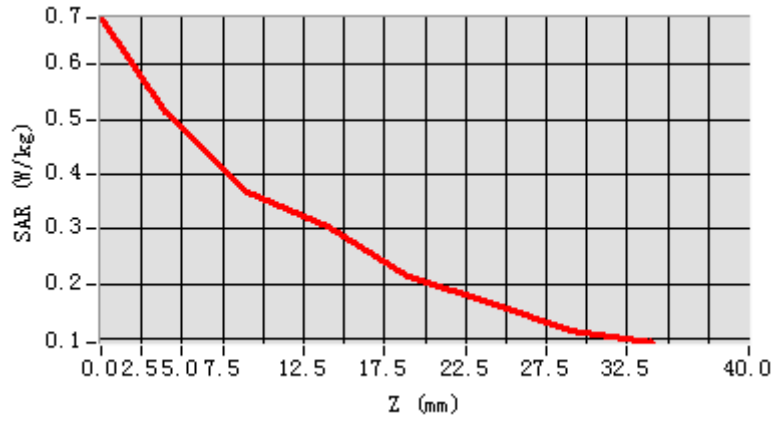


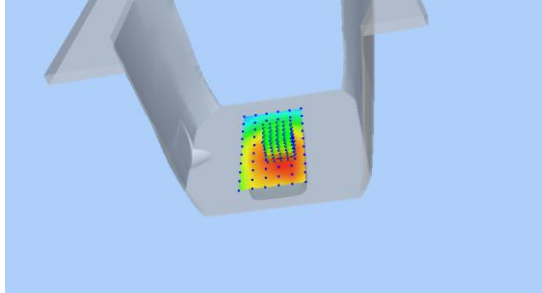
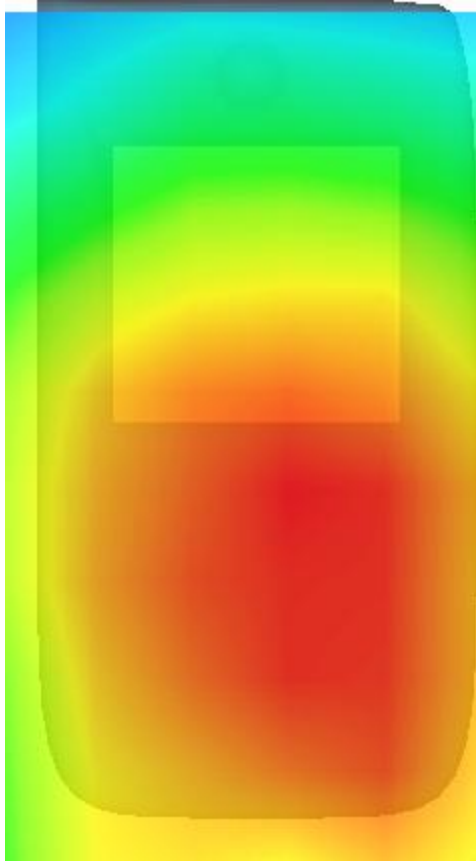
Maximum location: X=8.00, Y=-15.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.365589
SAR 1g (W/Kg)	0.504960

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6855	0.5133	0.3676	0.3045	0.2122	0.1644	0.1147



3D screen shot	Hot spot position
	

MEASUREMENT 4

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 10 minutes 11 seconds

A. Experimental conditions.

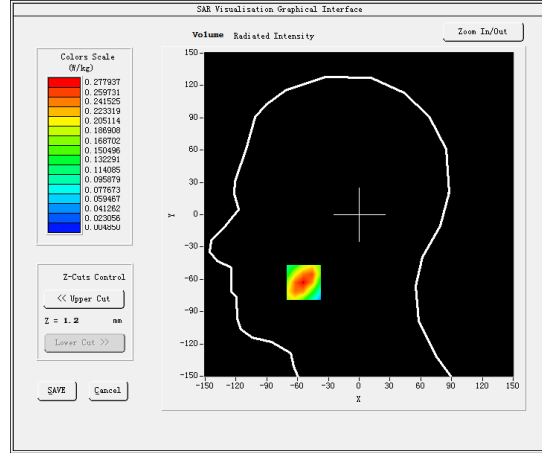
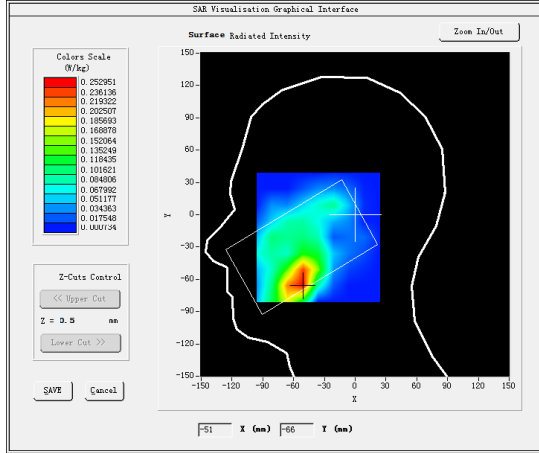
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion 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 (%)	-2.380000

SURFACE SAR

VOLUME SAR

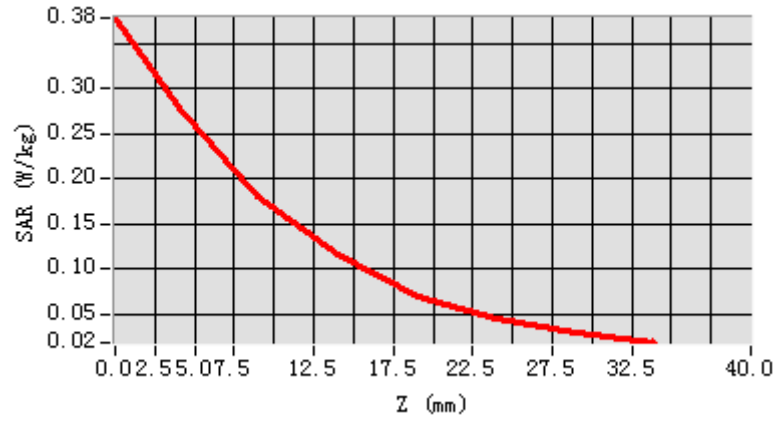


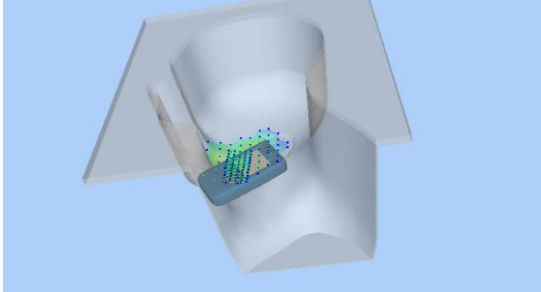
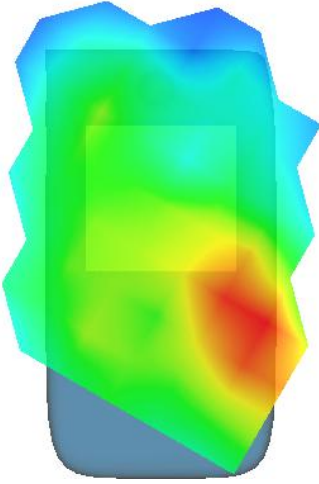
Maximum location: X=-54.00, Y=-63.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.149293
SAR 1g (W/Kg)	0.254995

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3780	0.2779	0.1812	0.1162	0.0698	0.0450	0.0300



3D screen shot	Hot spot position
	

MEASUREMENT 5

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 6 minutes 59 seconds

A. Experimental conditions.

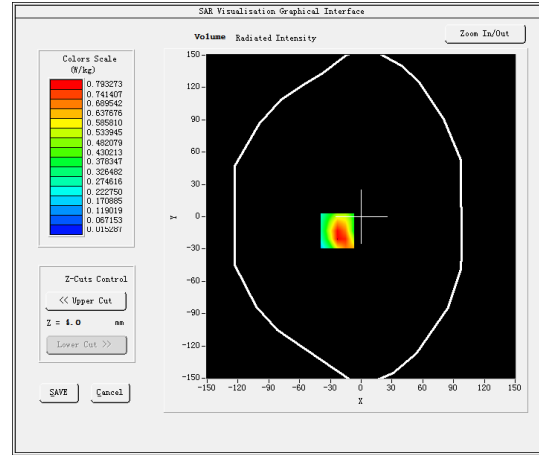
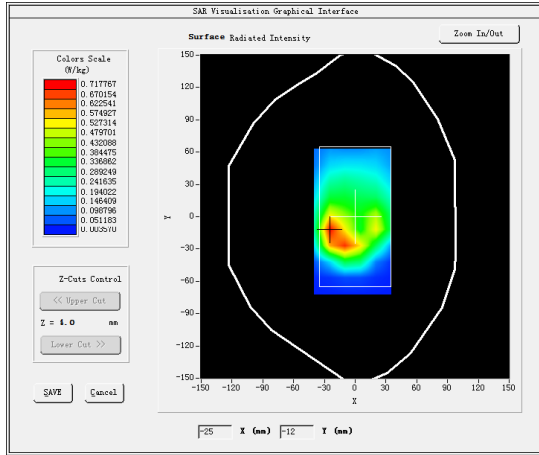
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion 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 (%)	1.190000

SURFACE SAR

VOLUME SAR

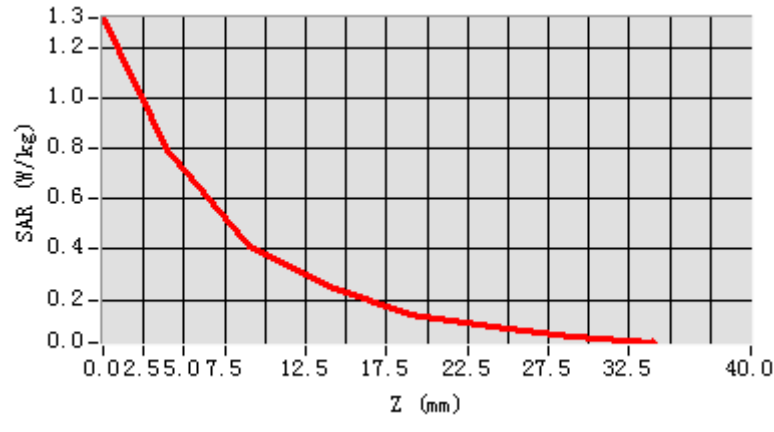


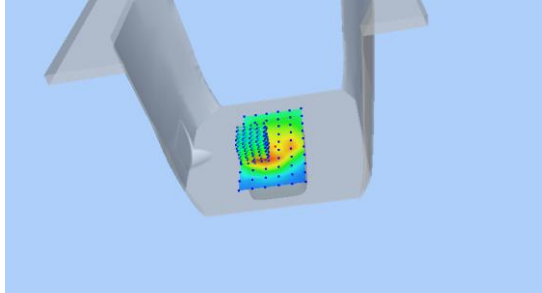
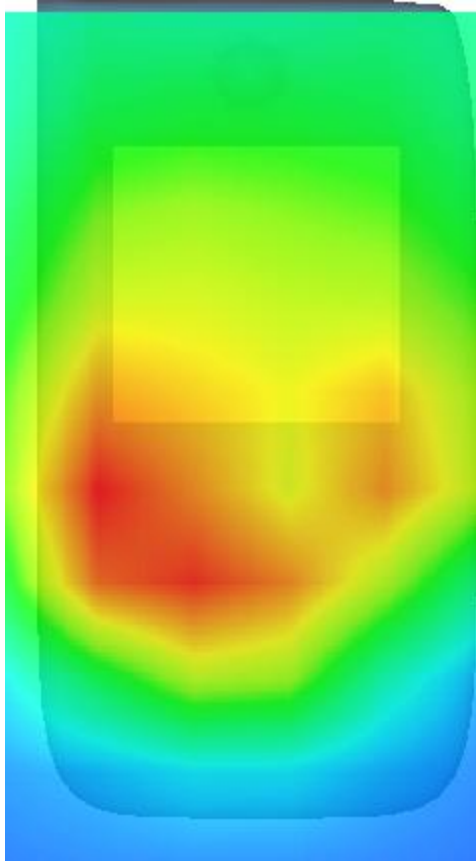
Maximum location: X=-23.00, Y=-13.00

SAR Peak: 1.38 W/kg

SAR 10g (W/Kg)	0.412274
SAR 1g (W/Kg)	0.730886

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3172	0.7933	0.4111	0.2513	0.1439	0.0895	0.0528



3D screen shot	Hot spot position
	

MEASUREMENT 6

Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 8 minutes 9 seconds

A. Experimental conditions.

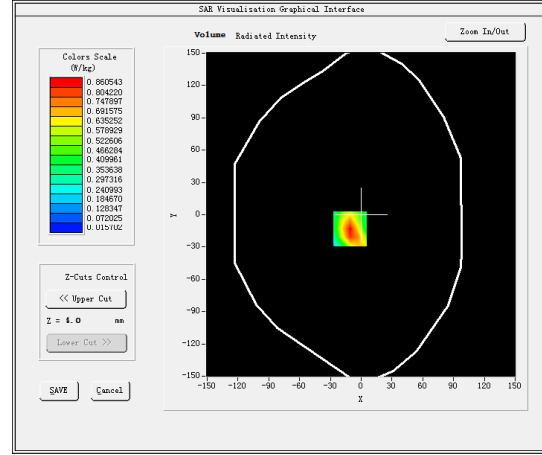
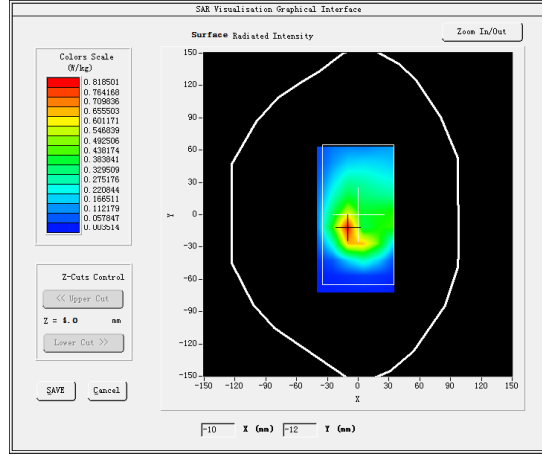
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion 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 (%)	-0.430000

SURFACE SAR

VOLUME SAR

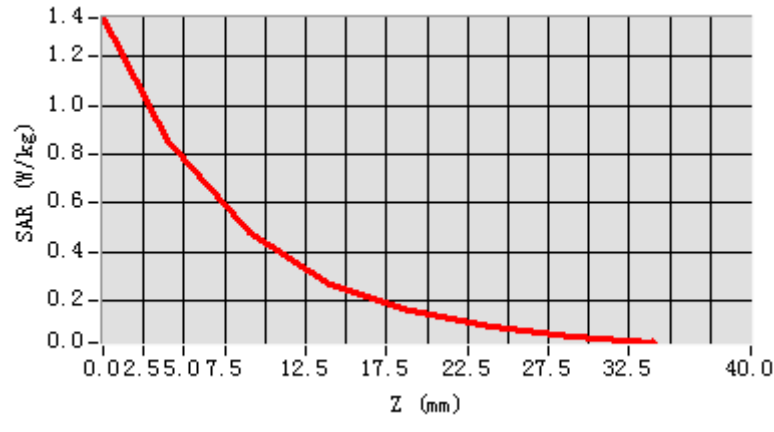


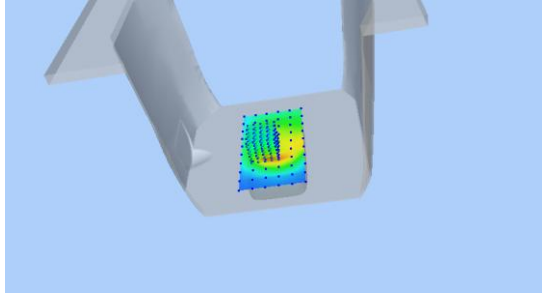
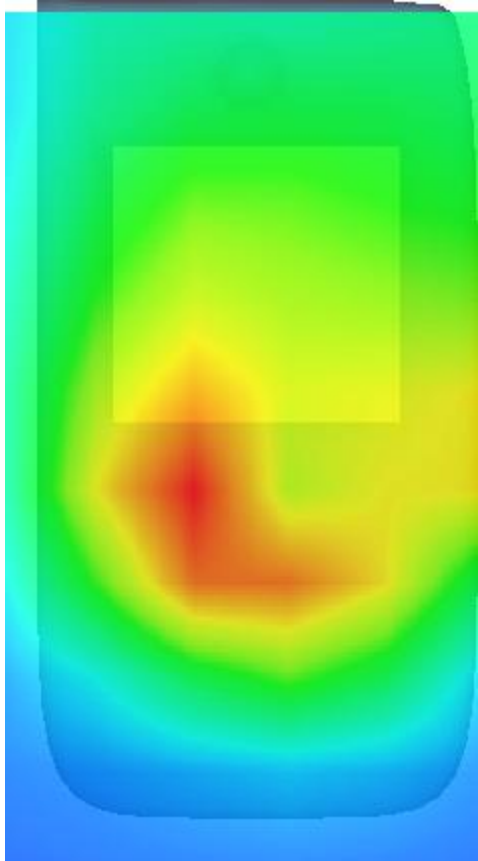
Maximum location: X=-11.00, Y=-13.00

SAR Peak: 1.37 W/kg

SAR 10g (W/Kg)	0.403543
SAR 1g (W/Kg)	0.713486

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3598	0.8605	0.4782	0.2634	0.1593	0.0900	0.0514



3D screen shot	Hot spot position
	

MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

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 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>

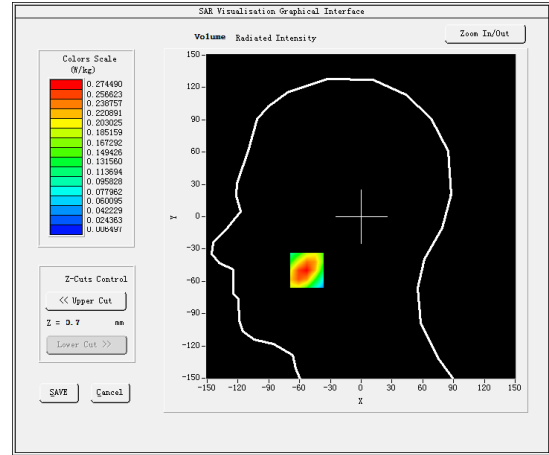
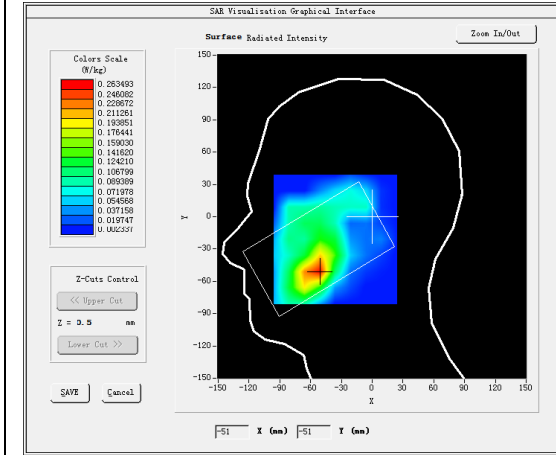
B. SAR Measurement Results

Lower Band SAR (Channel 9262):

Frequency (MHz)	1852.400024
Relative permittivity (real part)	39.843739
Relative permittivity (imaginary part)	13.323660
Conductivity (S/m)	1.371153
Variation (%)	0.790000

SURFACE SAR

VOLUME SAR

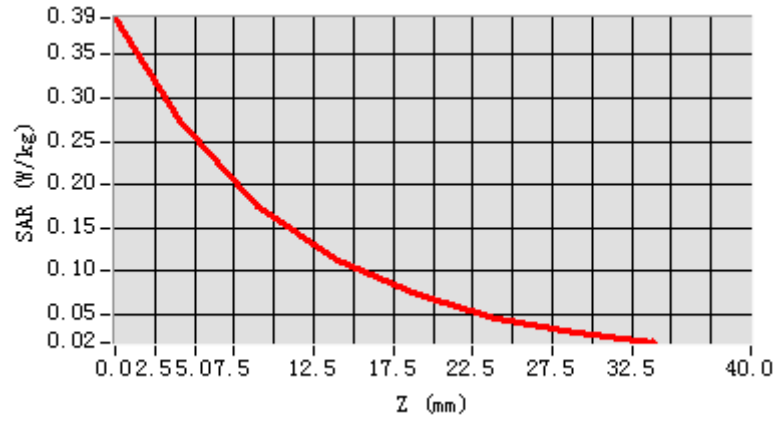


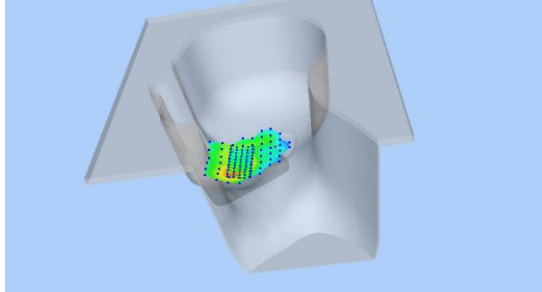
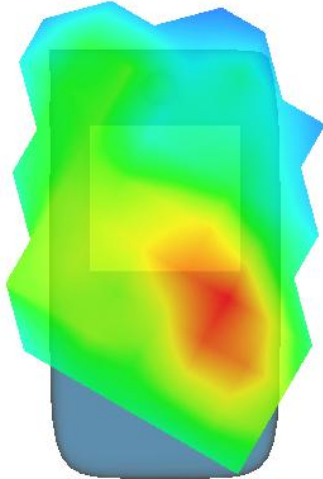
Maximum location: X=-53.00, Y=-50.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.154227
SAR 1g (W/Kg)	0.261409

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3922	0.2745	0.1748	0.1115	0.0730	0.0461	0.0296



3D screen shot	Hot spot position
	

MEASUREMENT 8

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 6 minutes 55 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>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.78</u>

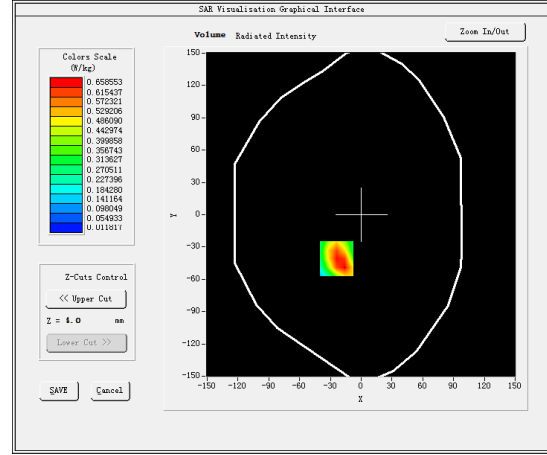
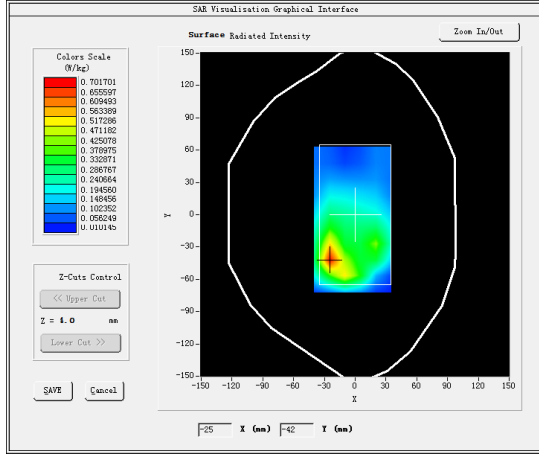
B. SAR Measurement Results

Lower Band SAR (Channel 9262):

Frequency (MHz)	1852.400024
Relative permittivity (real part)	53.356966
Relative permittivity (imaginary part)	14.526890
Conductivity (S/m)	1.4935893
Variation (%)	1.050000

SURFACE SAR

VOLUME SAR

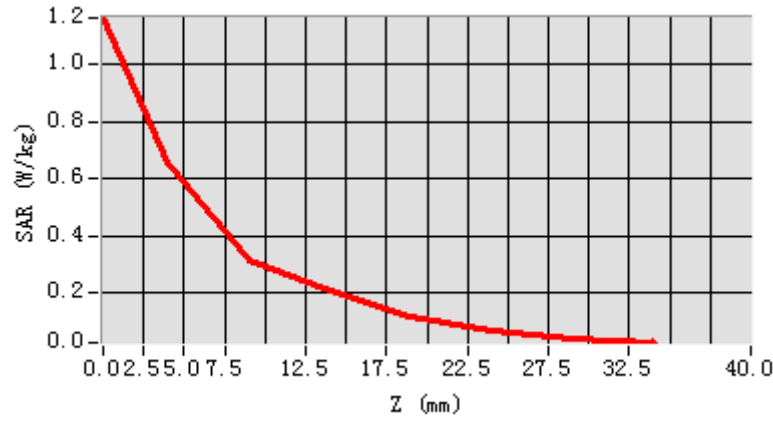


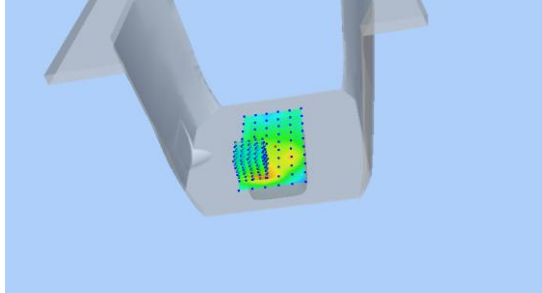
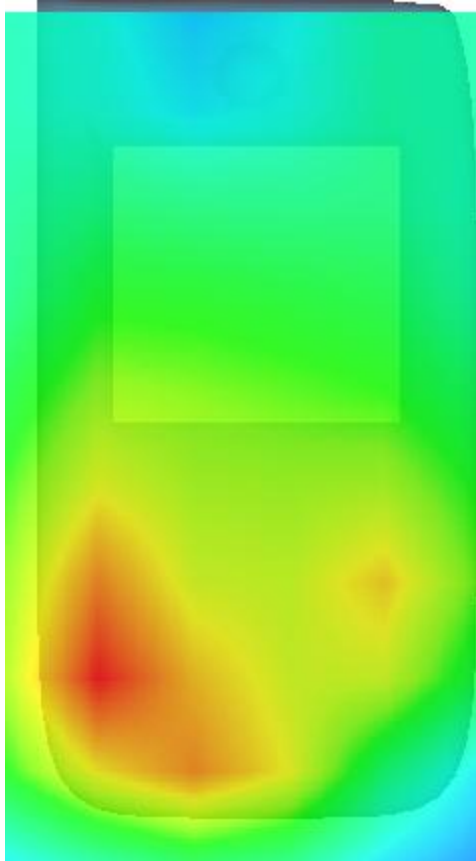
Maximum location: X=-24.00, Y=-41.00

SAR Peak: 1.10 W/kg

SAR 10g (W/Kg)	0.345849
SAR 1g (W/Kg)	0.653408

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1641	0.6586	0.3126	0.2097	0.1199	0.0697	0.0427



3D screen shot	Hot spot position
	

MEASUREMENT 9

Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 7 minutes 49 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>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.78</u>

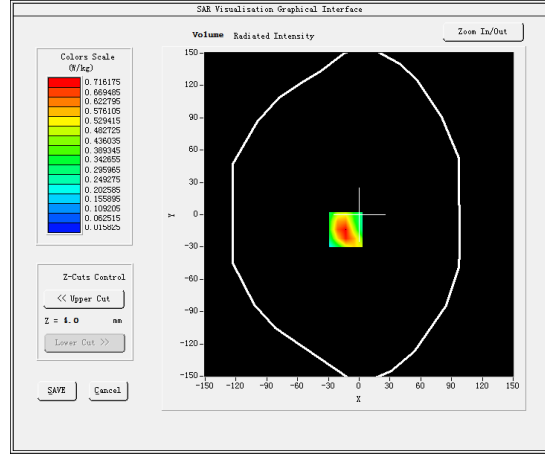
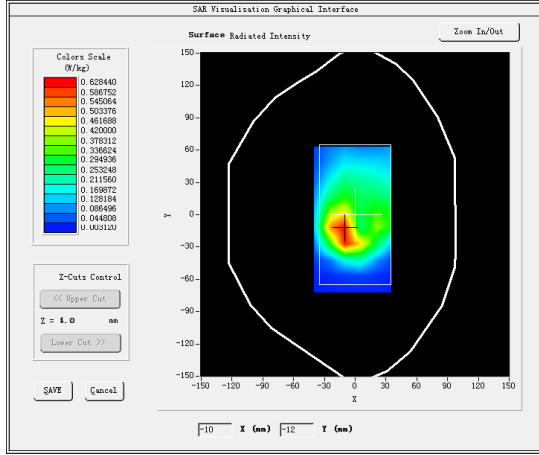
B. SAR Measurement Results

Lower Band SAR (Channel 9262):

Frequency (MHz)	1852.400024
Relative permittivity (real part)	53.356966
Relative permittivity (imaginary part)	14.526890
Conductivity (S/m)	1.4935893
Variation (%)	-0.650000

SURFACE SAR

VOLUME SAR

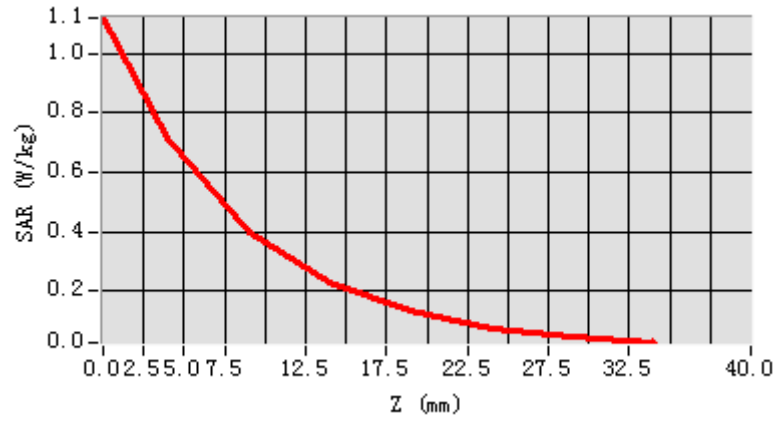


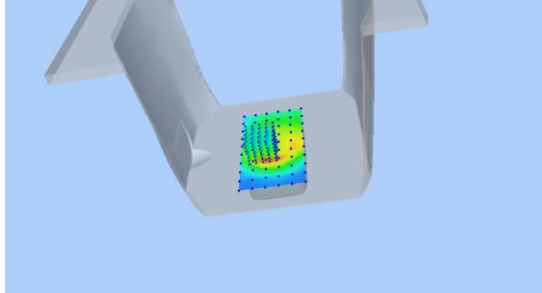
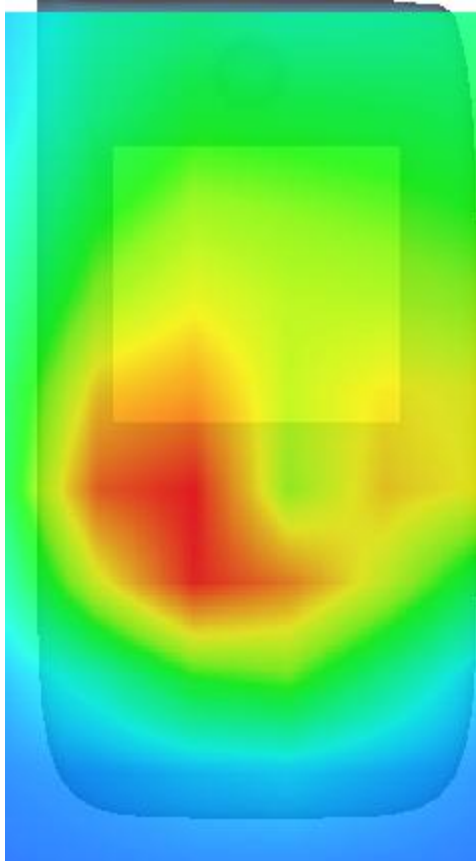
Maximum location: X=-13.00, Y=-14.00

SAR Peak: 1.16 W/kg

SAR 10g (W/Kg)	0.365623
SAR 1g (W/Kg)	0.702325

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1200	0.7162	0.3994	0.2298	0.1313	0.0759	0.0441



3D screen shot	Hot spot position
	

MEASUREMENT 10

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 9 minutes 4 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.93</u>

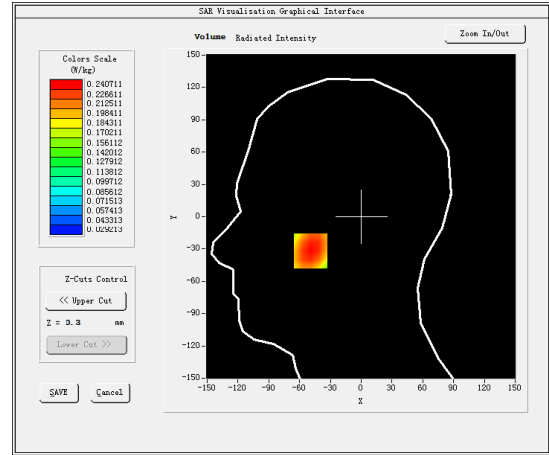
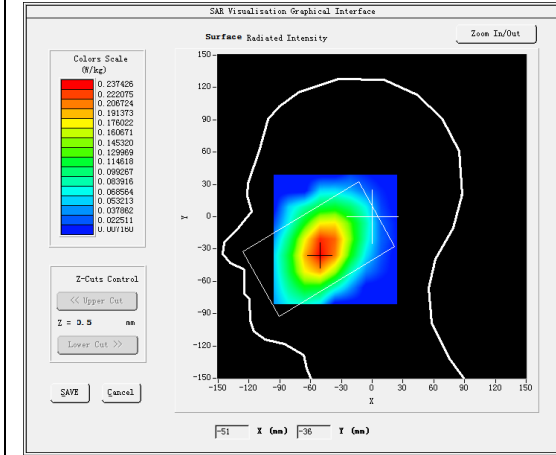
B. SAR Measurement Results

Lower Band SAR (Channel 4132):

Frequency (MHz)	826.400024
Relative permittivity (real part)	40.366501
Relative permittivity (imaginary part)	19.842400
Conductivity (S/m)	0.910987
Variation (%)	0.470000

SURFACE SAR

VOLUME SAR

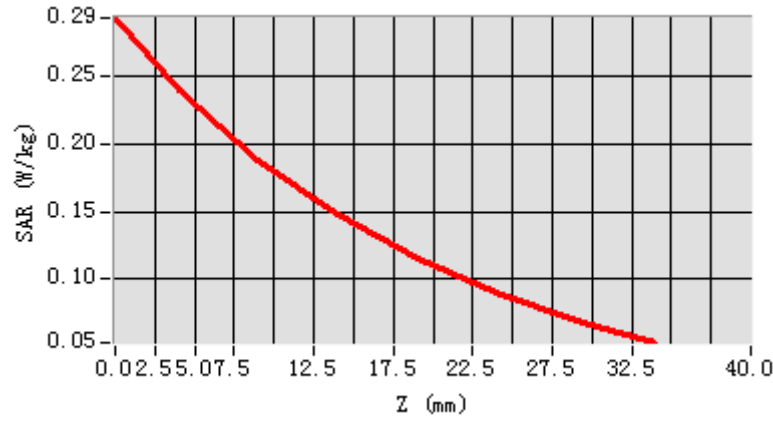


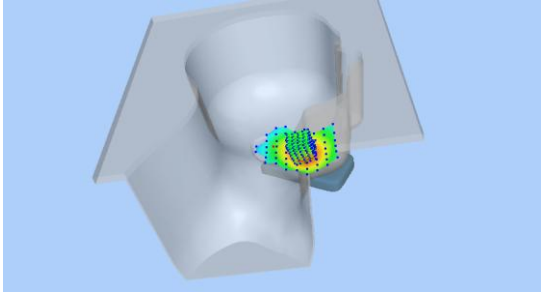
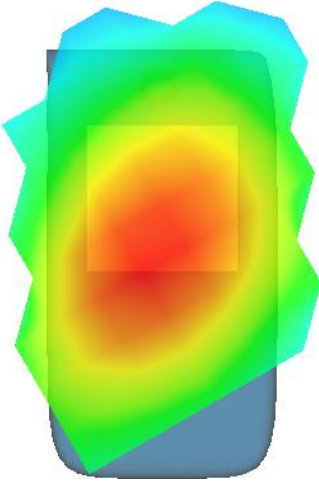
Maximum location: X=-49.00, Y=-32.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.175033
SAR 1g (W/Kg)	0.236993

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2935	0.2407	0.1883	0.1477	0.1154	0.0895	0.0690



3D screen shot	Hot spot position
	

MEASUREMENT 11

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 11 minutes 1 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>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>5.07</u>

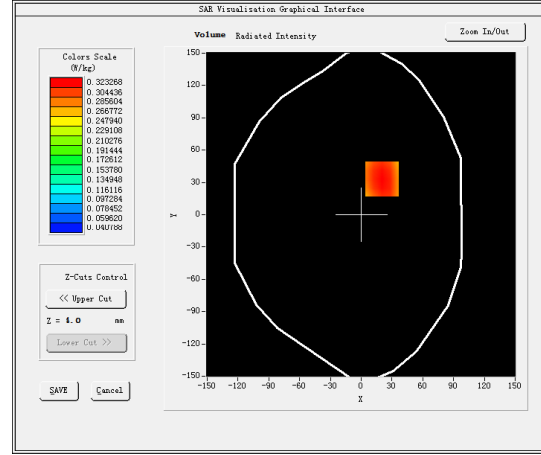
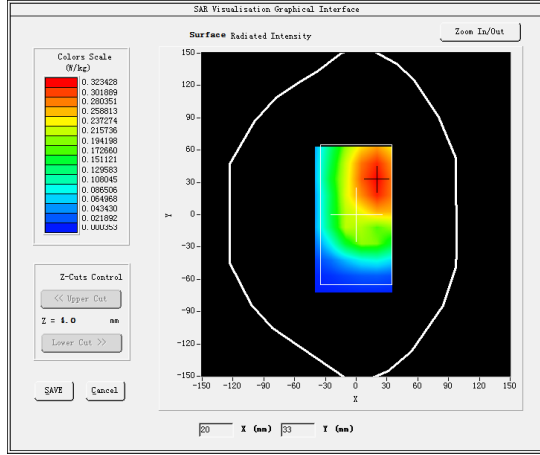
B. SAR Measurement Results

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 (%)	3.780000

SURFACE SAR

VOLUME SAR

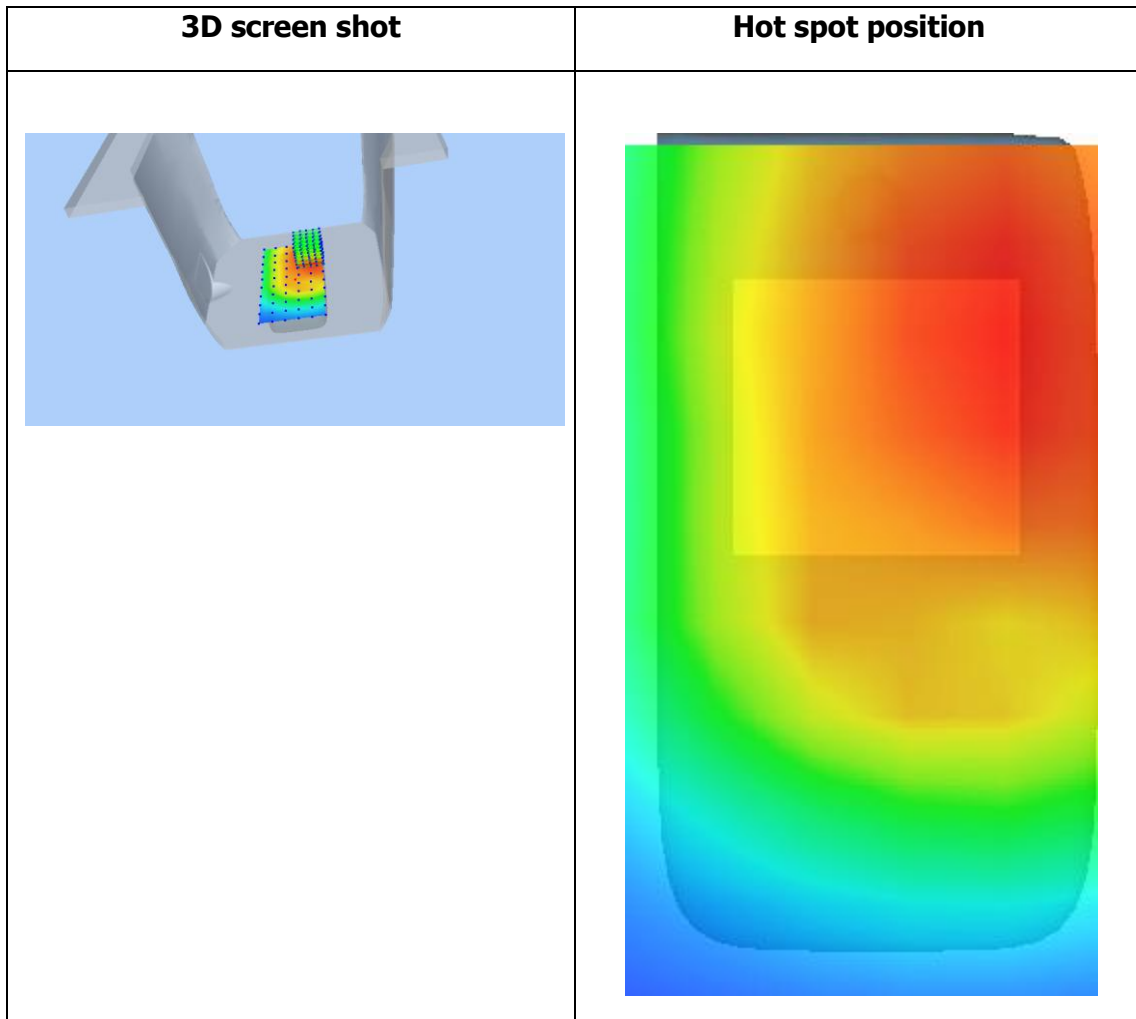
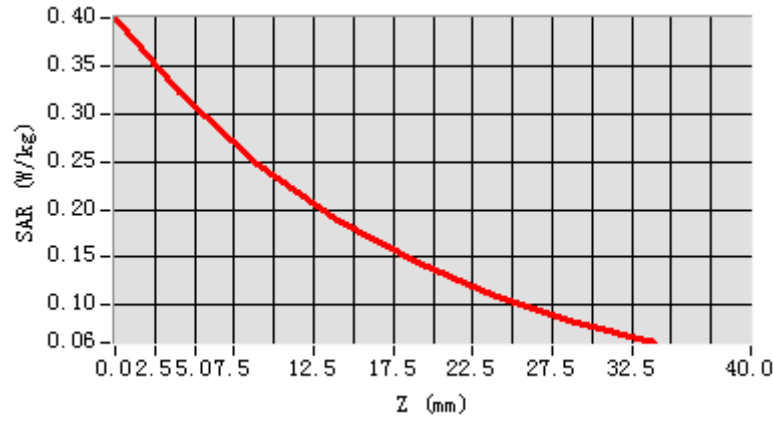


Maximum location: X=20.00, Y=33.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.232629
SAR 1g (W/Kg)	0.316791

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3998	0.3233	0.2473	0.1894	0.1438	0.1090	0.0817



MEASUREMENT 12

Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 9 minutes 2 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>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>5.07</u>

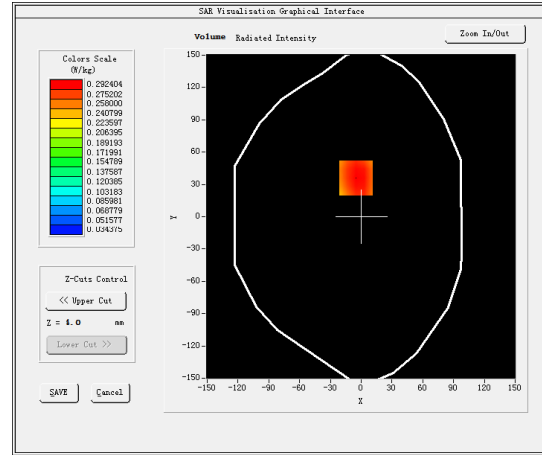
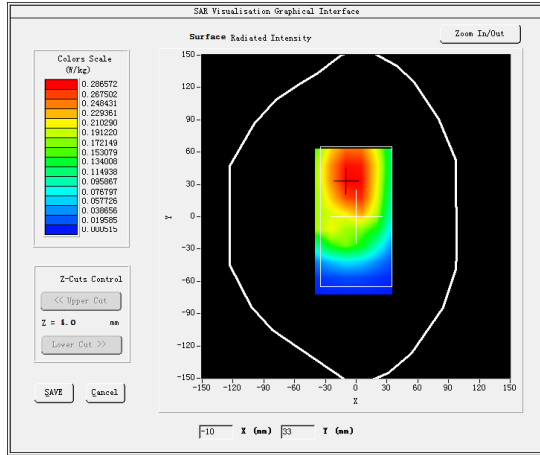
B. SAR Measurement Results

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 (%)	-0.380000

SURFACE SAR

VOLUME SAR

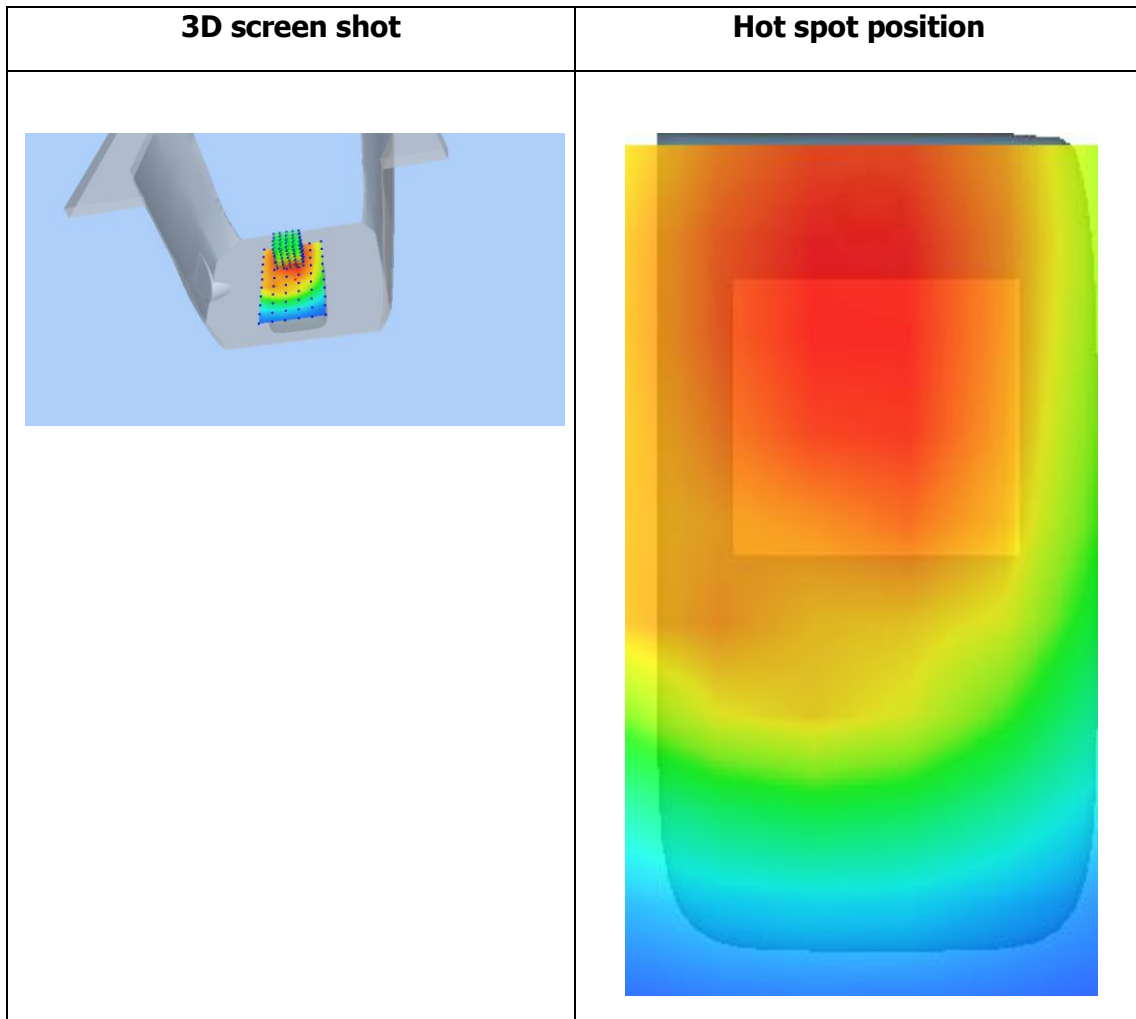
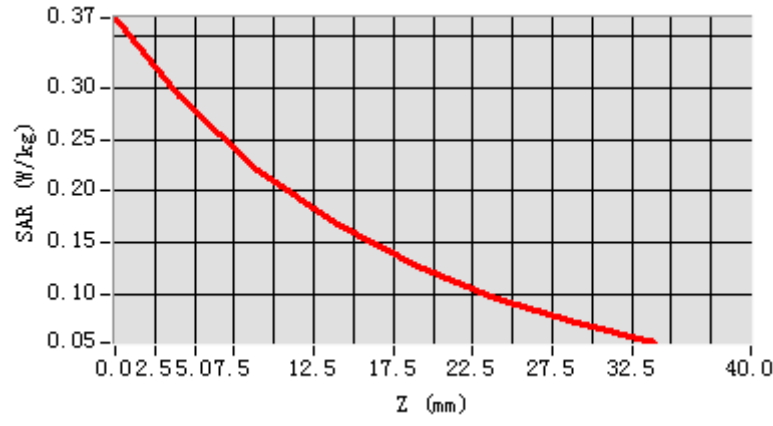


Maximum location: X=-5.00, Y=36.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.210061
SAR 1g (W/Kg)	0.288661

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3680	0.2924	0.2205	0.1687	0.1276	0.0962	0.0718



MEASUREMENT 13

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 9 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 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.63</u>

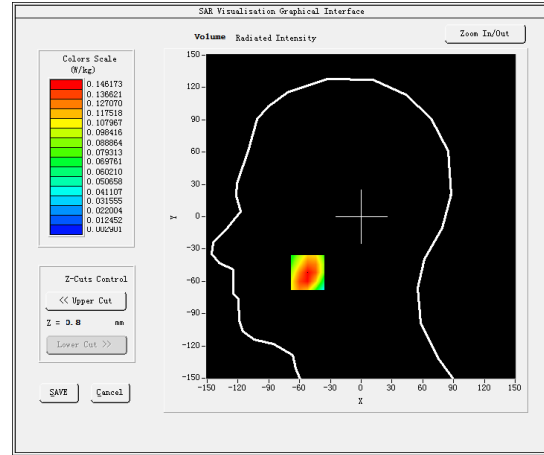
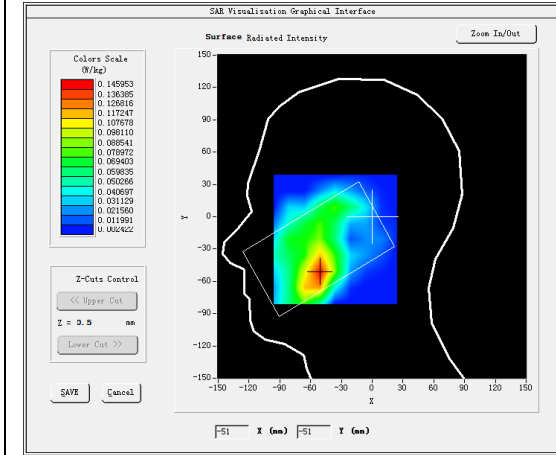
B. SAR Measurement Results

Middle Band SAR (Channel 18900):

Frequency (MHz)	1879.500000
Relative permittivity (real part)	39.917099
Relative permittivity (imaginary part)	13.431950
Conductivity (S/m)	1.402519
Variation (%)	-0.250000

SURFACE SAR

VOLUME SAR

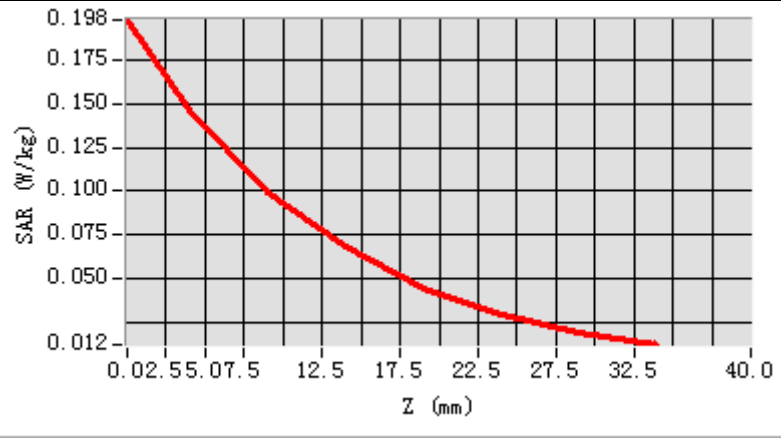


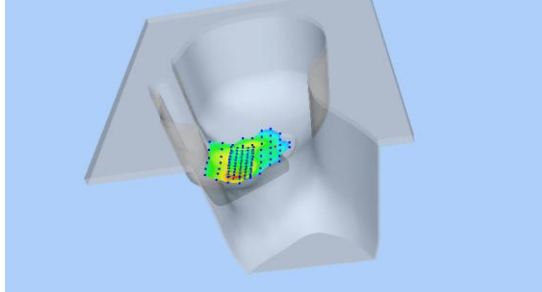
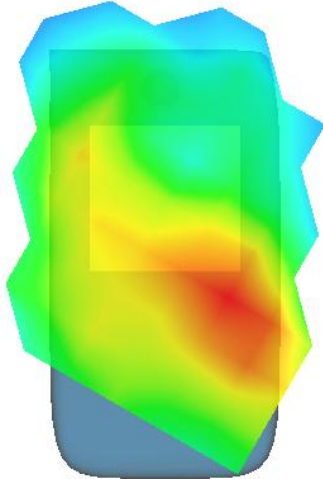
Maximum location: X=-52.00, Y=-52.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.087053
SAR 1g (W/Kg)	0.141992

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1979	0.1462	0.0991	0.0679	0.0448	0.0298	0.0191



3D screen shot	Hot spot position
	

MEASUREMENT 14

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

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 9 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 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.78</u>

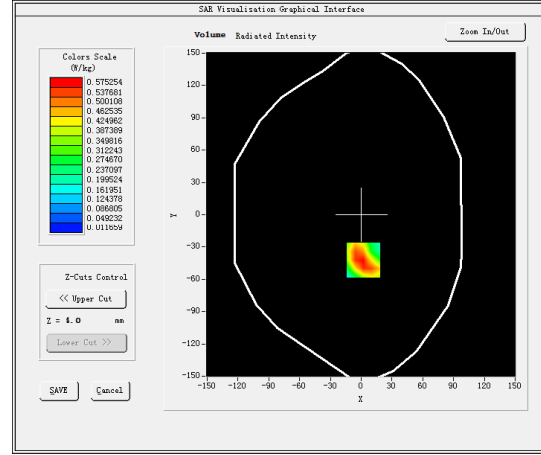
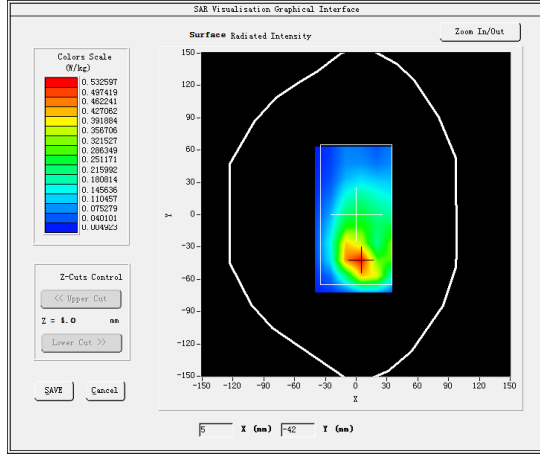
B. SAR Measurement Results

Middle Band SAR (Channel 18900):

Frequency (MHz)	1879.500000
Relative permittivity (real part)	53.367001
Relative permittivity (imaginary part)	14.686350
Conductivity (S/m)	1.533500
Variation (%)	-0.410000

SURFACE SAR

VOLUME SAR

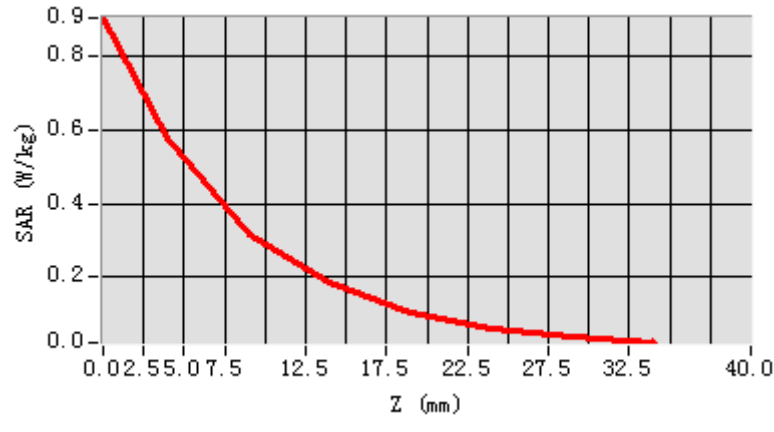


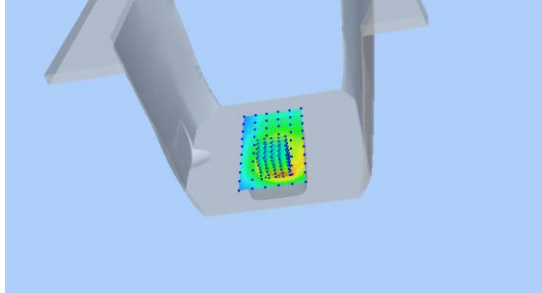
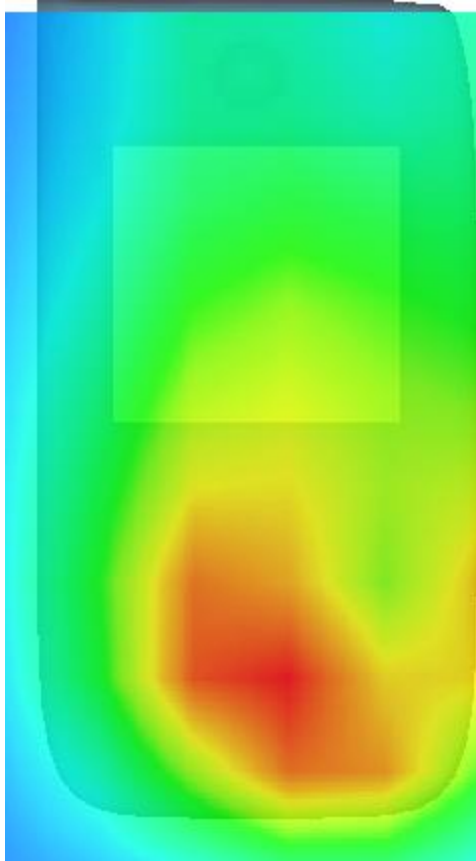
Maximum location: X=2.00, Y=-42.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.297831
SAR 1g (W/Kg)	0.563199

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9059	0.5753	0.3181	0.1825	0.1041	0.0600	0.0346



3D screen shot	Hot spot position
	

MEASUREMENT 15

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

Type: Phone measurement (Complete)

Date of measurement: 22/3/2017

Measurement duration: 10 minutes 57 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.78</u>

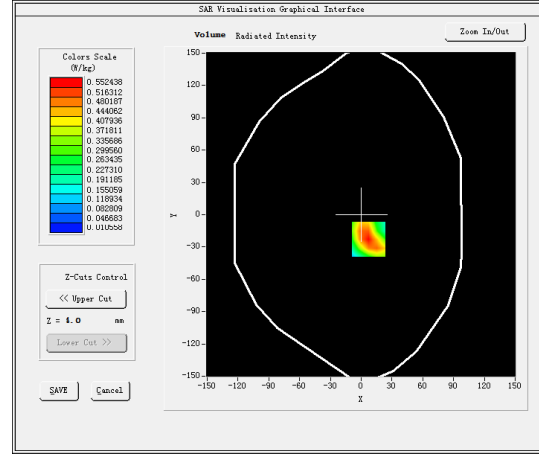
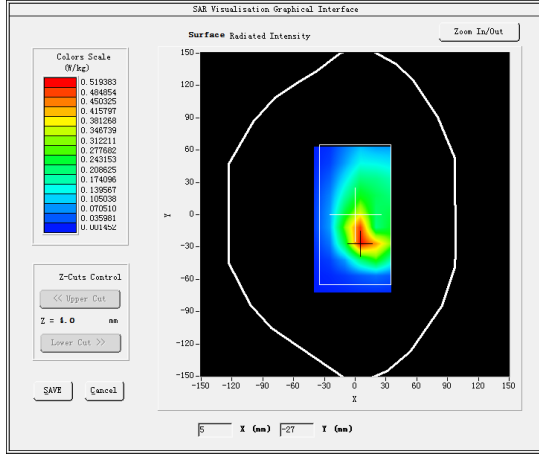
B. SAR Measurement Results

Middle Band SAR (Channel 18900):

Frequency (MHz)	1879.500000
Relative permittivity (real part)	53.367001
Relative permittivity (imaginary part)	14.686350
Conductivity (S/m)	1.533500
Variation (%)	-0.500000

SURFACE SAR

VOLUME SAR

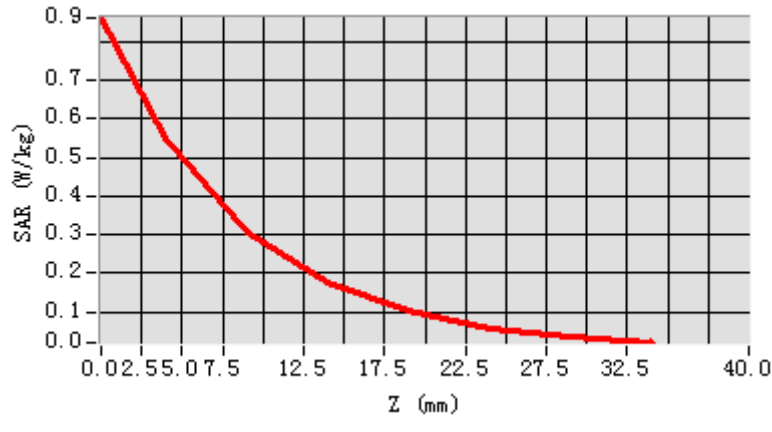


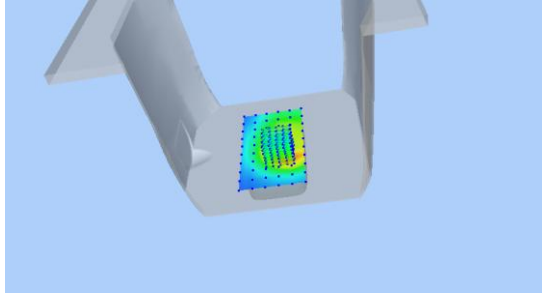
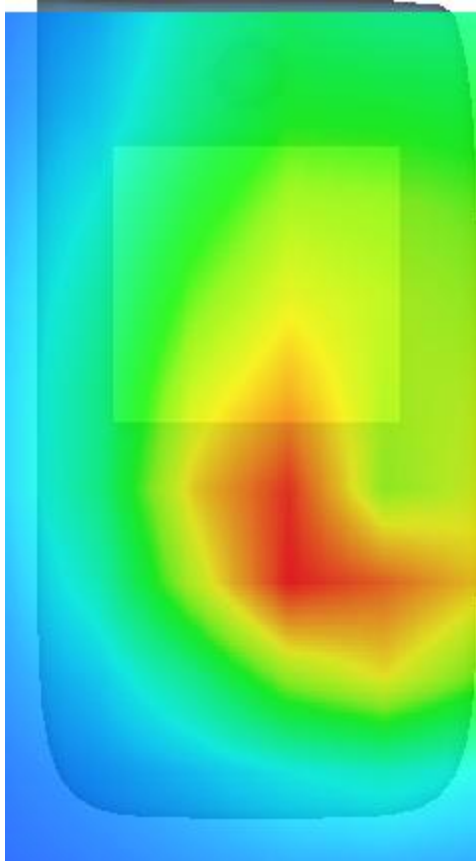
Maximum location: X=7.00, Y=-23.00

SAR Peak: 0.86 W/kg

SAR 10g (W/Kg)	0.281259
SAR 1g (W/Kg)	0.525478

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8628	0.5524	0.3082	0.1771	0.1005	0.0579	0.0334



3D screen shot	Hot spot position
	

MEASUREMENT 16

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 24/3/2017

Measurement duration: 10 minutes 1 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.01</u>

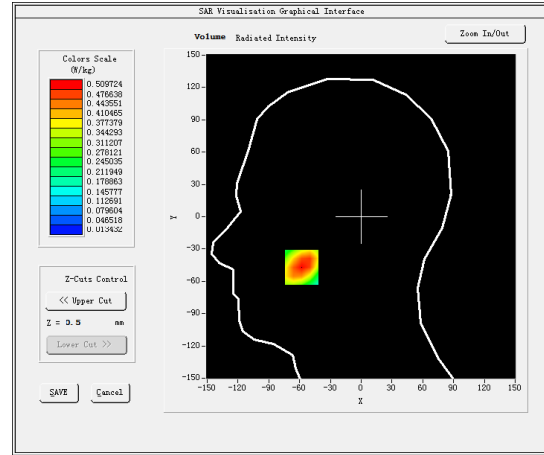
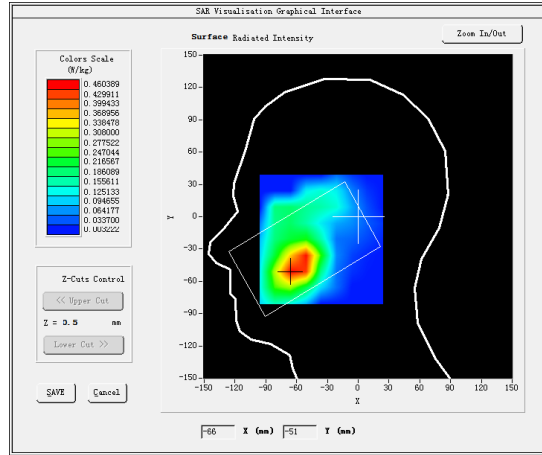
B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.111900
Relative permittivity (imaginary part)	14.296650
Conductivity (S/m)	1.376053
Variation (%)	1.310000

SURFACE SAR

VOLUME SAR

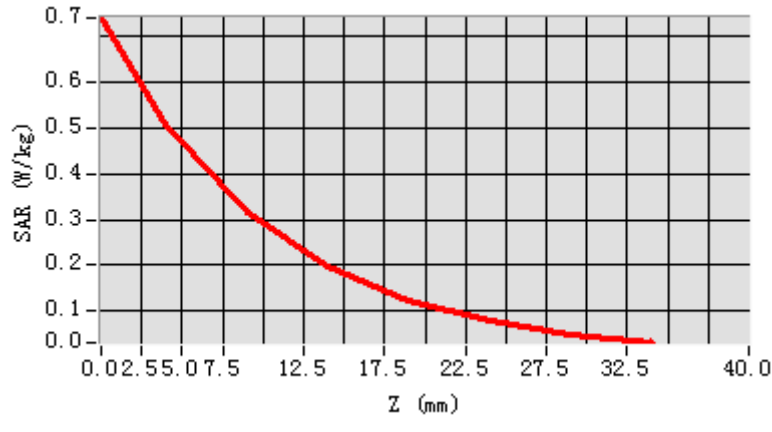


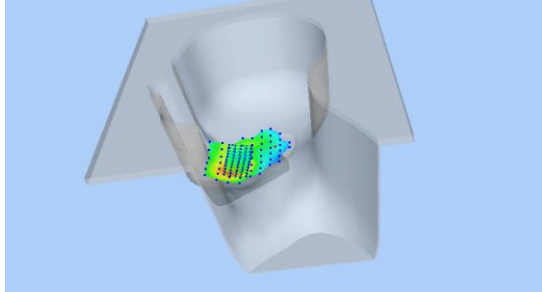
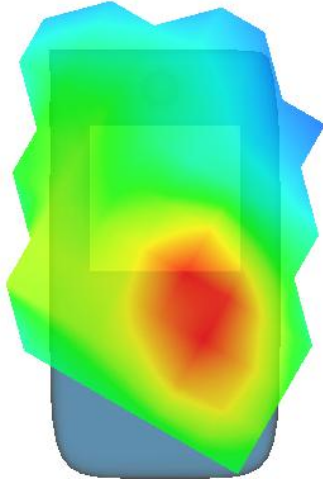
Maximum location: X=-58.00, Y=-47.00

SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	0.286129
SAR 1g (W/Kg)	0.490536

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7412	0.5097	0.3153	0.1967	0.1234	0.0781	0.0497



3D screen shot	Hot spot position
	

MEASUREMENT 17

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

Type: Phone measurement (Complete)

Date of measurement: 24/3/2017

Measurement duration: 7 minutes 41 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.16</u>

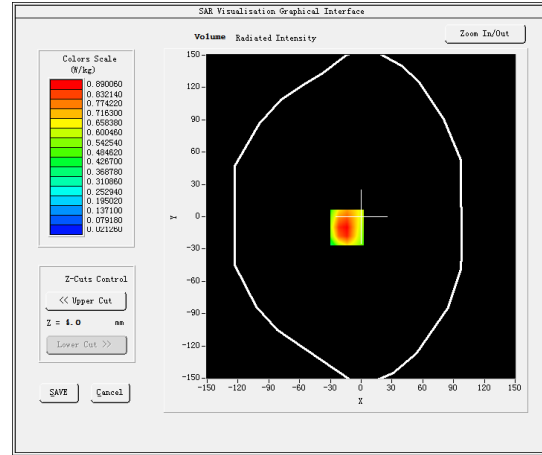
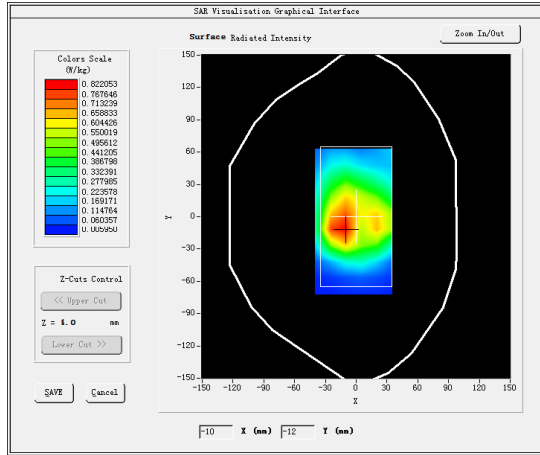
B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.411900
Relative permittivity (imaginary part)	15.196650
Conductivity (S/m)	1.462678
Variation (%)	-0.560000

SURFACE SAR

VOLUME SAR

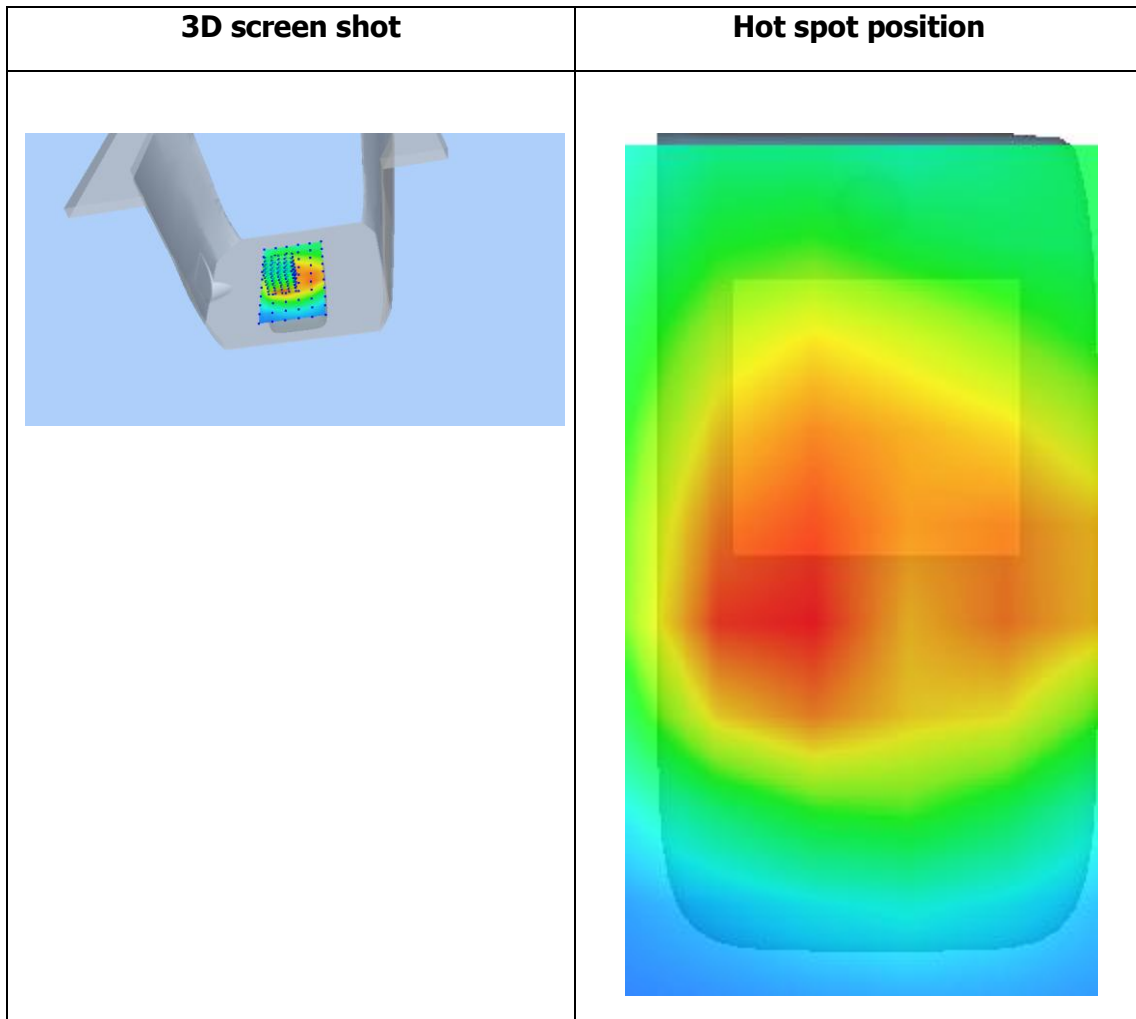
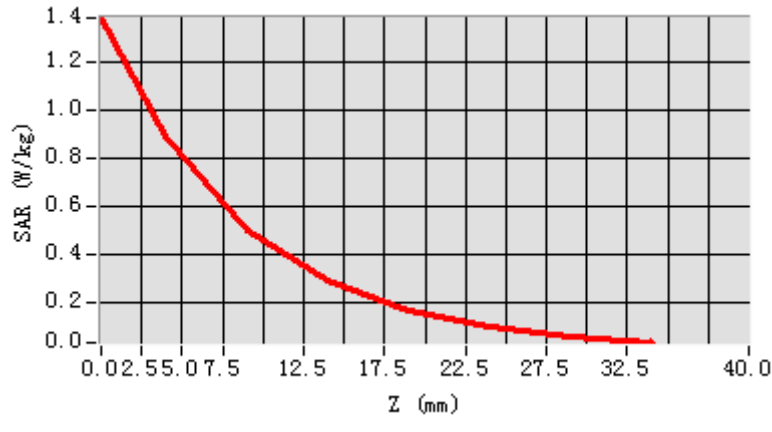


Maximum location: X=-14.00, Y=-10.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.478372
SAR 1g (W/Kg)	0.713874

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3794	0.8901	0.5025	0.2880	0.1664	0.0966	0.0566



MEASUREMENT 18

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

Type: Phone measurement (Complete)

Date of measurement: 24/3/2017

Measurement duration: 8 minutes 57 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.16</u>

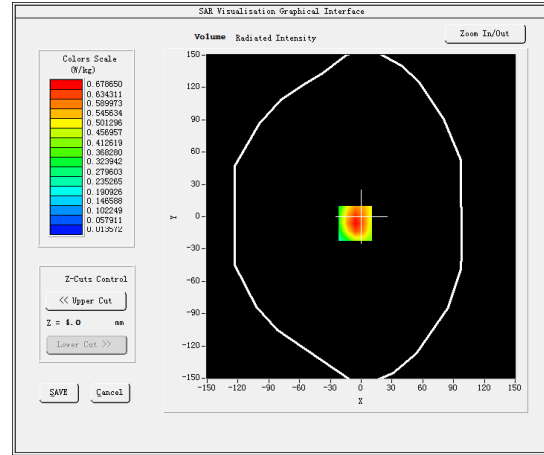
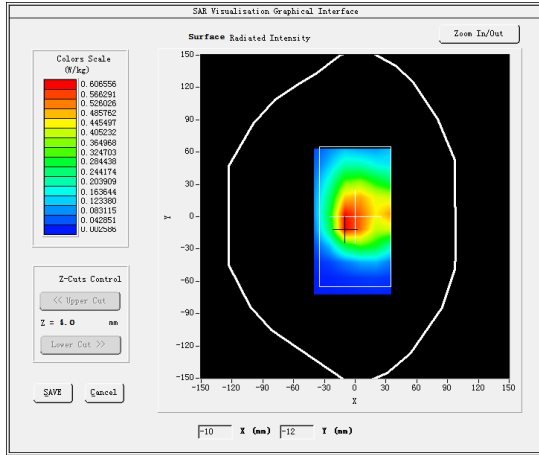
B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.411900
Relative permittivity (imaginary part)	15.196650
Conductivity (S/m)	1.462678
Variation (%)	-0.700000

SURFACE SAR

VOLUME SAR

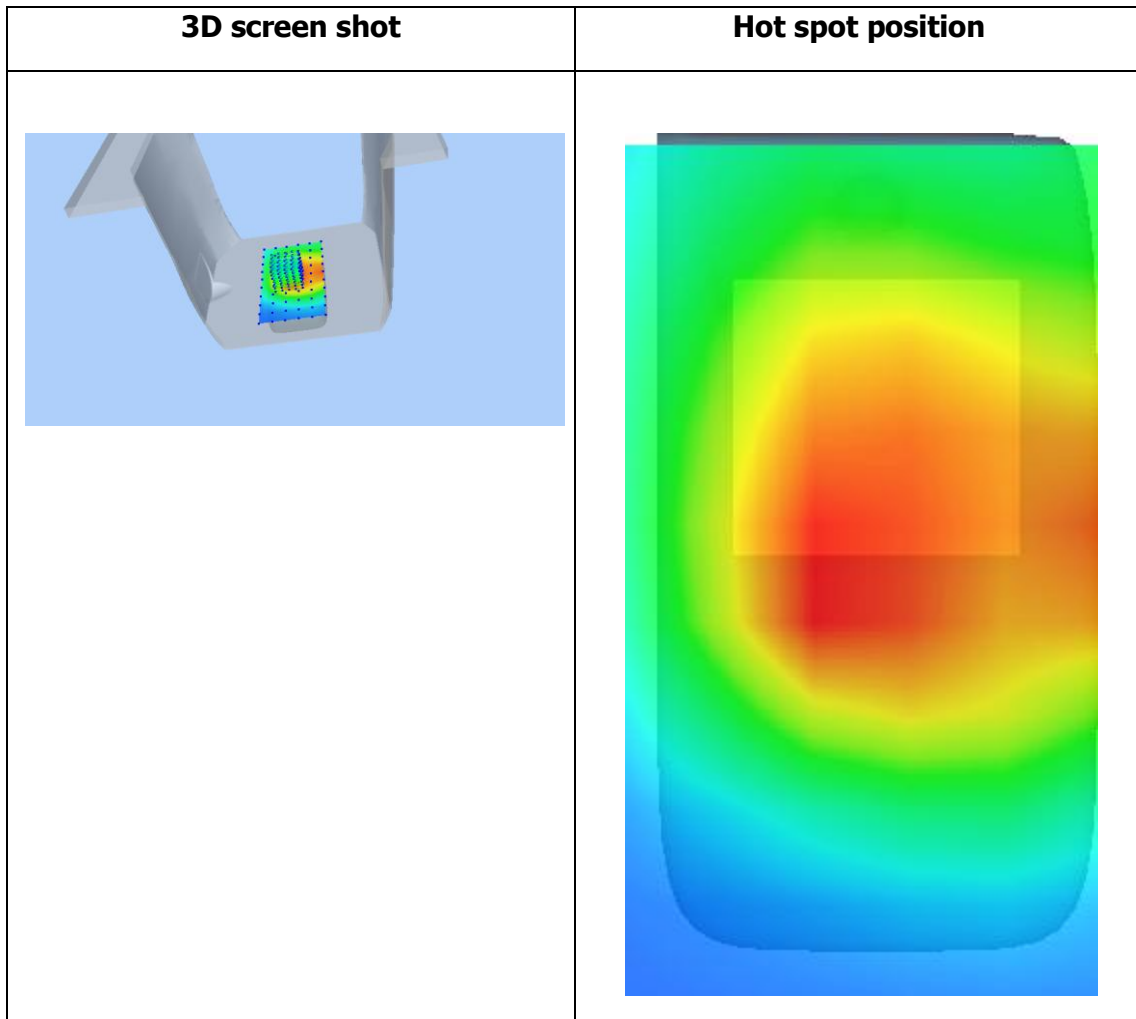
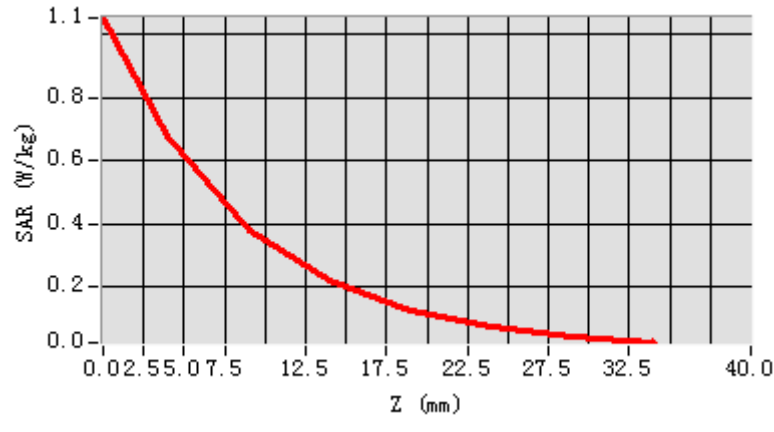


Maximum location: X=-6.00, Y=-6.00

SAR Peak: 1.06 W/kg

SAR 10g (W/Kg)	0.363791
SAR 1g (W/Kg)	0.648985

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0540	0.6786	0.3817	0.2189	0.1255	0.0724	0.0420



MEASUREMENT 19

10M-1RB#25

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 8 minutes 16 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>LTE band 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.93</u>

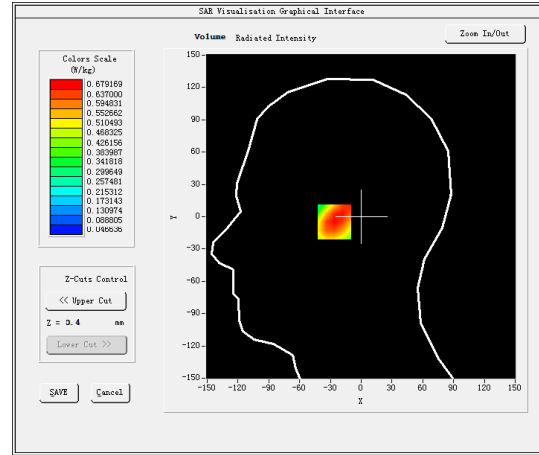
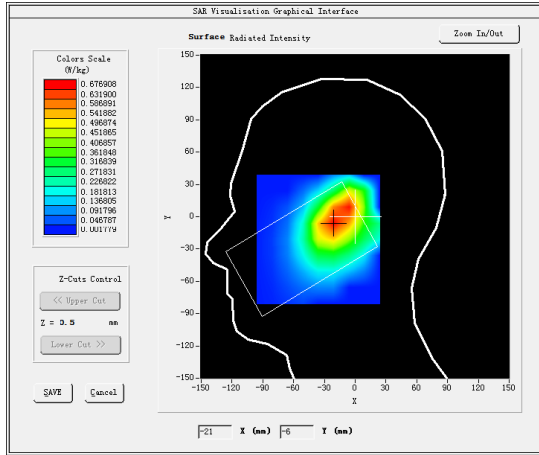
B. SAR Measurement Results

Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.235748
Relative permittivity (imaginary part)	19.853350
Conductivity (S/m)	0.922629
Variation (%)	0.000000

SURFACE SAR

VOLUME SAR

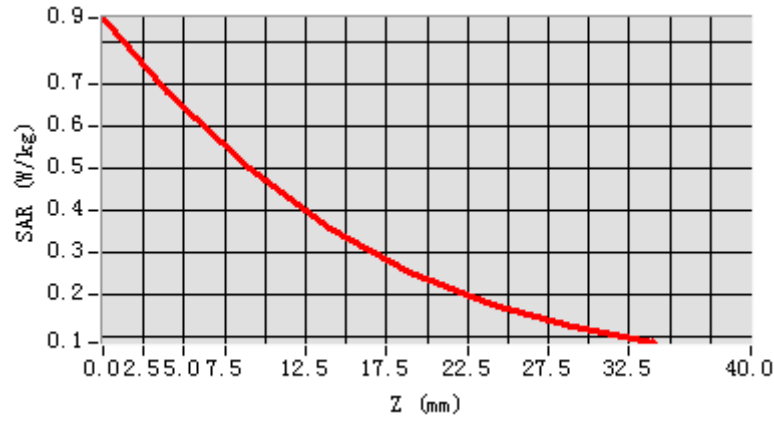


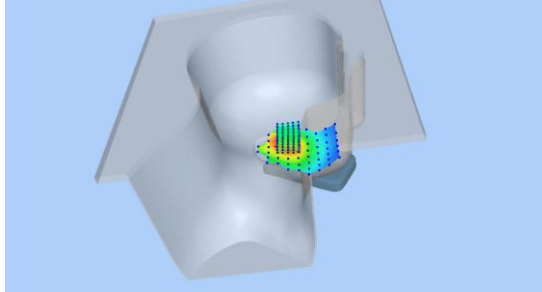
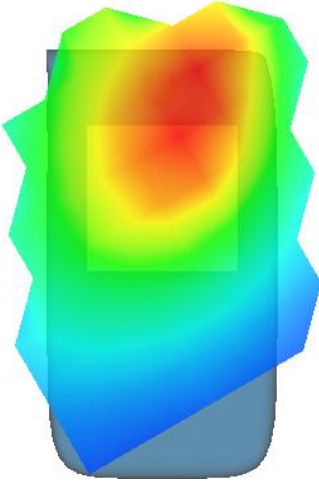
Maximum location: X=-21.00, Y=-5.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.456093
SAR 1g (W/Kg)	0.672530

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8567	0.6792	0.4990	0.3579	0.2538	0.1784	0.1243



3D screen shot	Hot spot position
	

MEASUREMENT 20

Towards-phantom-10M-1RB#25-middle

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 7 minutes 55 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 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>5.07</u>

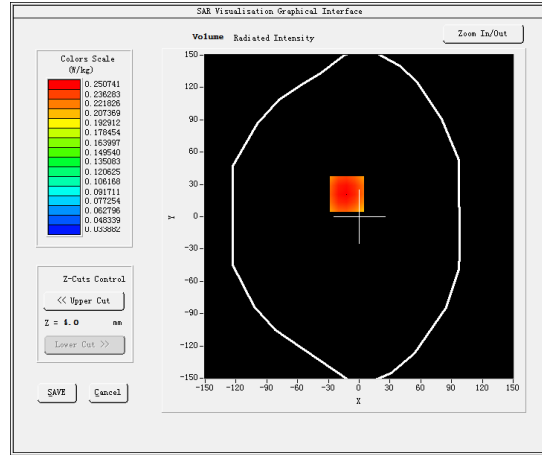
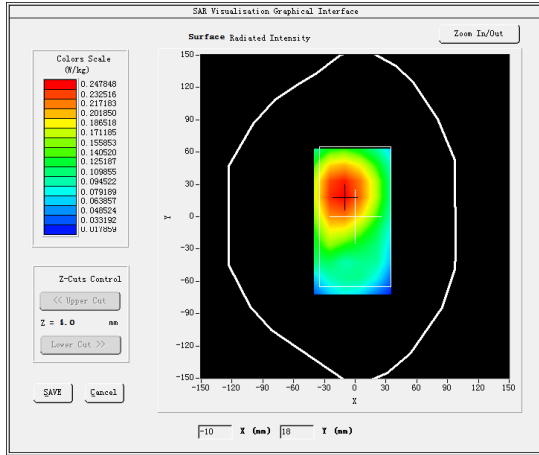
B. SAR Measurement Results

Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	53.916100
Relative permittivity (imaginary part)	21.307800
Conductivity (S/m)	0.990221
Variation (%)	-0.060000

SURFACE SAR

VOLUME SAR

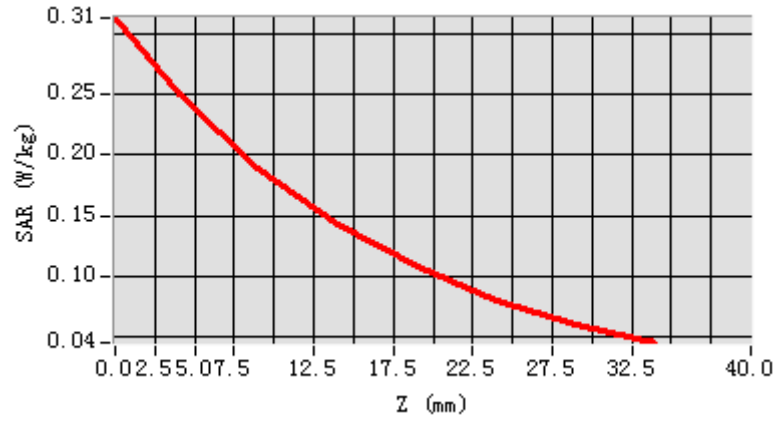


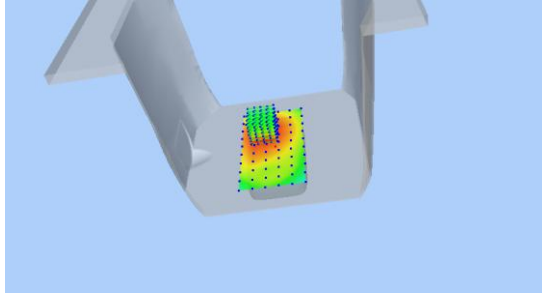
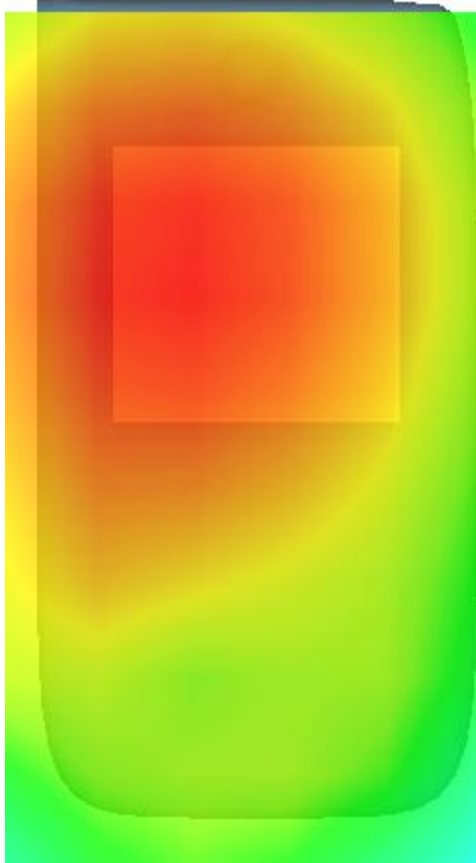
Maximum location: X=-12.00, Y=21.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.179936
SAR 1g (W/Kg)	0.247940

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3132	0.2507	0.1891	0.1426	0.1071	0.0802	0.0602



3D screen shot	Hot spot position
	

MEASUREMENT 21

Front-side-10M-1RB#25-middle

Type: Phone measurement (Complete)

Date of measurement: 21/3/2017

Measurement duration: 7 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 dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>5.07</u>

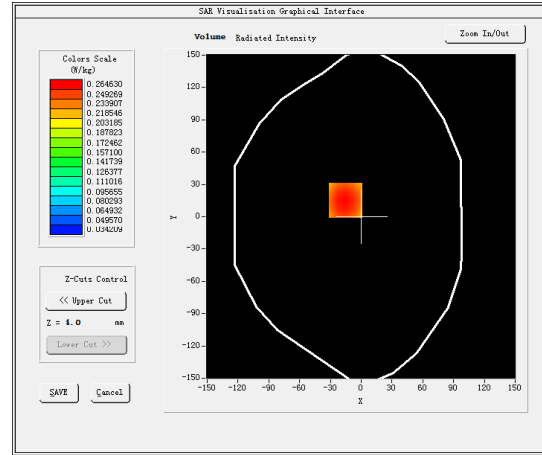
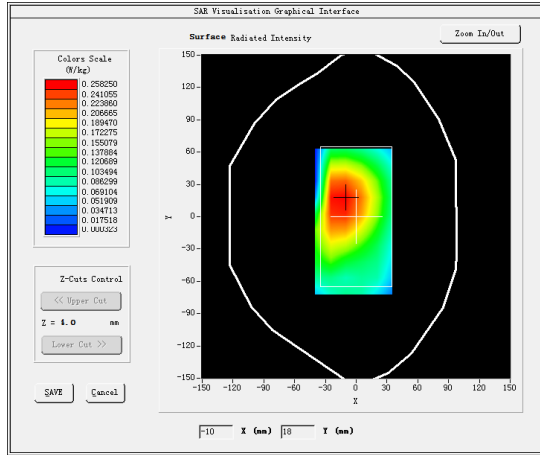
B. SAR Measurement Results

Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	53.916100
Relative permittivity (imaginary part)	21.307800
Conductivity (S/m)	0.990221
Variation (%)	2.990000

SURFACE SAR

VOLUME SAR

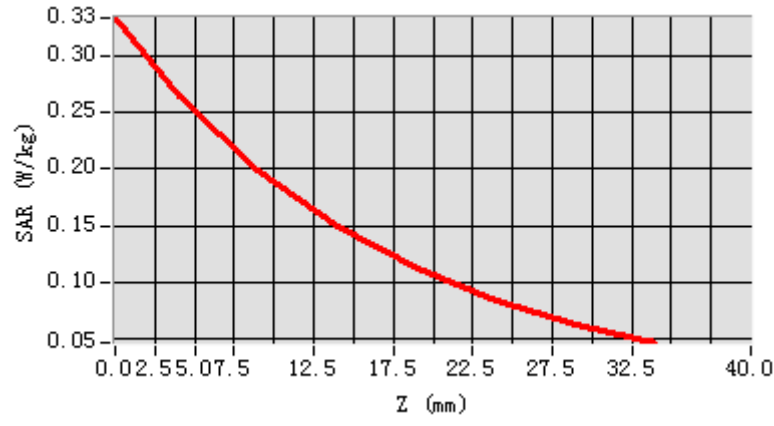


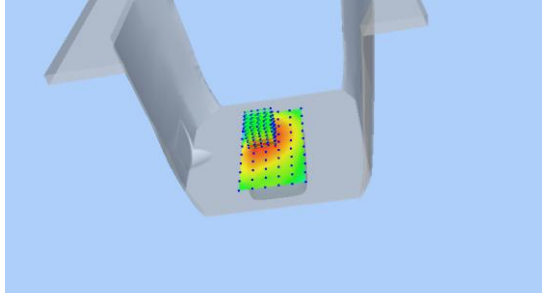
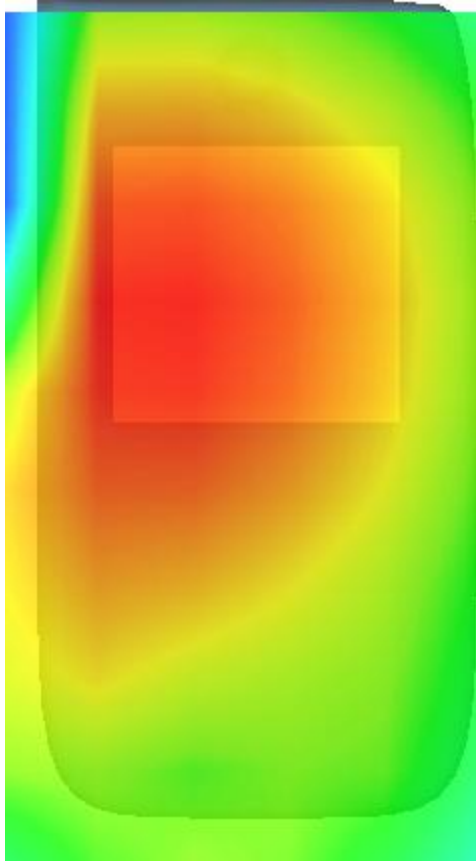
Maximum location: X=-15.00, Y=15.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.188577
SAR 1g (W/Kg)	0.261492

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3331	0.2646	0.1982	0.1490	0.1116	0.0833	0.0624



3D screen shot	Hot spot position
	

MEASUREMENT 22

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 24/3/2017

Measurement duration: 13 minutes 14 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>3.92</u>

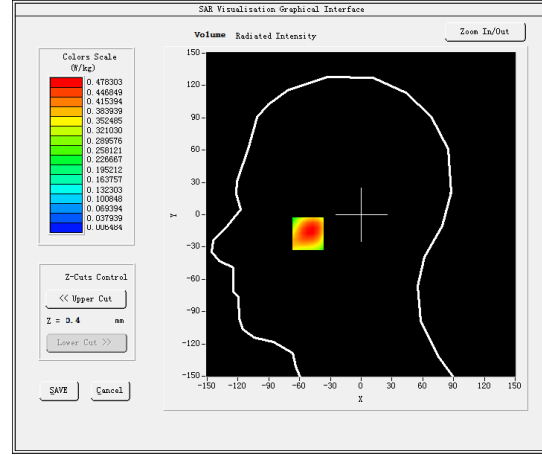
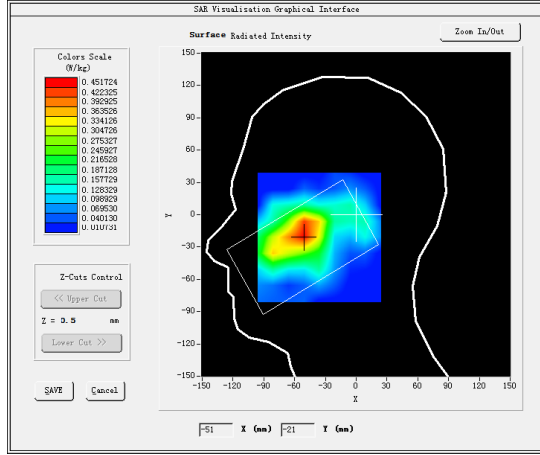
B. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	38.870998
Relative permittivity (imaginary part)	13.688100
Conductivity (S/m)	1.927741
Variation (%)	-0.520000

SURFACE SAR

VOLUME SAR

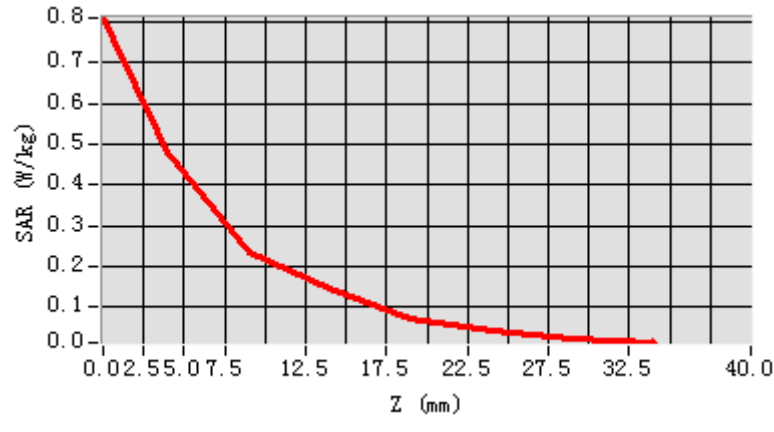


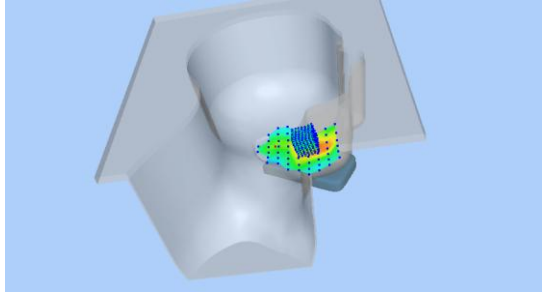
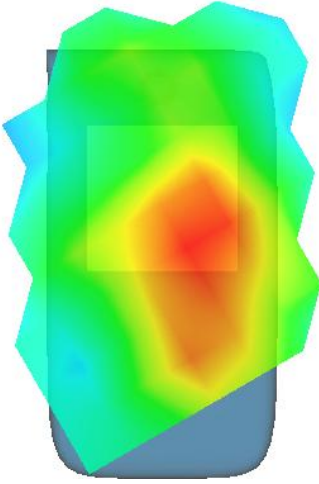
Maximum location: X=-52.00, Y=-17.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.254898
SAR 1g (W/Kg)	0.465300

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8092	0.4783	0.2360	0.1435	0.0696	0.0425	0.0204



3D screen shot	Hot spot position
	

MEASUREMENT 23

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

Type: Phone measurement (Complete)

Date of measurement: 24/3/2017

Measurement duration: 17 minutes 37 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.07</u>

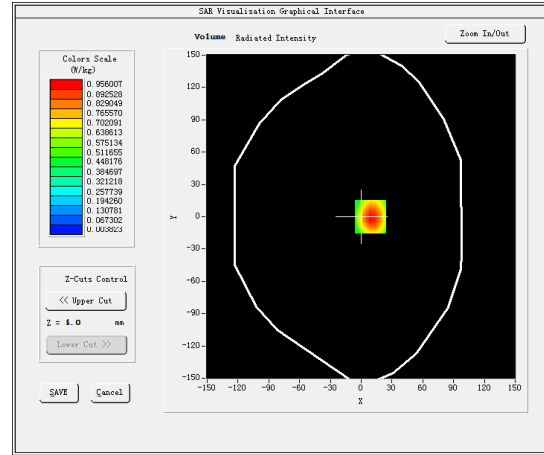
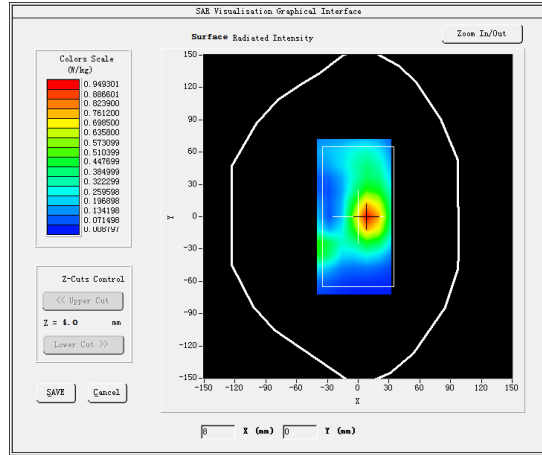
B. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.211601
Relative permittivity (imaginary part)	14.458500
Conductivity (S/m)	2.036239
Variation (%)	-1.040000

SURFACE SAR

VOLUME SAR

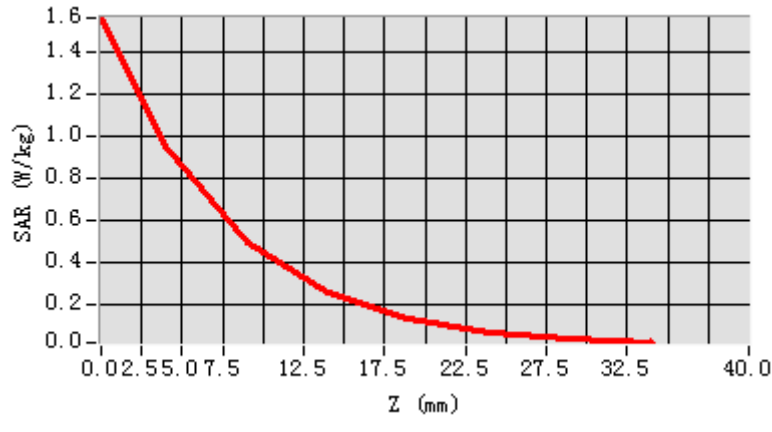


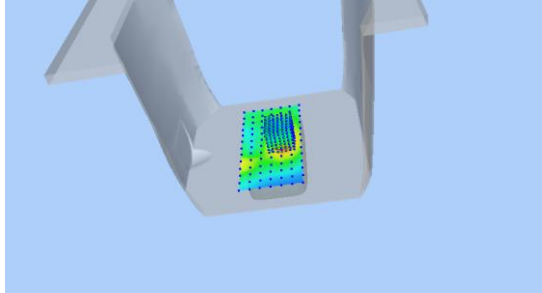
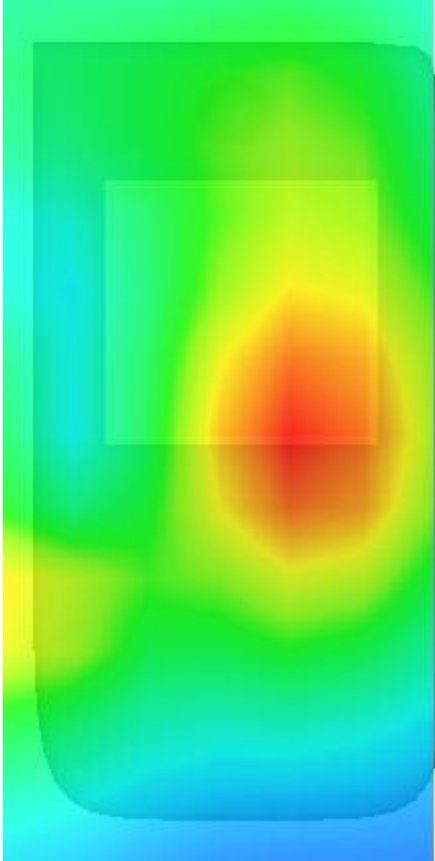
Maximum location: X=9.00, Y=0.00

SAR Peak: 1.46 W/kg

SAR 10g (W/Kg)	0.474505
SAR 1g (W/Kg)	0.719023

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5678	0.9560	0.4889	0.2494	0.1245	0.0620	0.0303



3D screen shot	Hot spot position
	

MEASUREMENT 24

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

Type: Phone measurement (Complete)

Date of measurement: 24/3/2017

Measurement duration: 17 minutes 48 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.07</u>

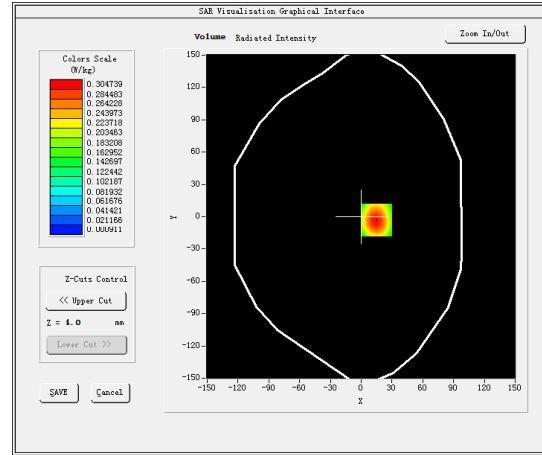
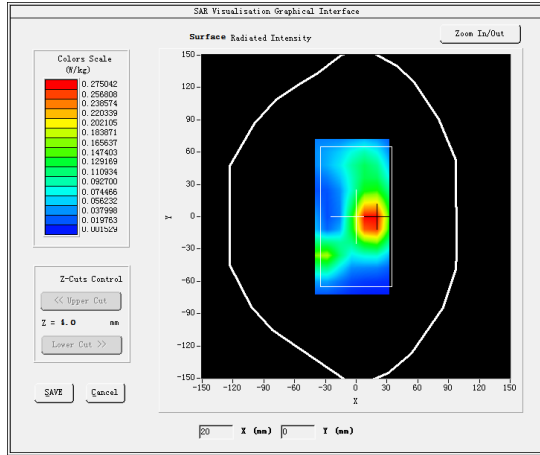
B. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.211601
Relative permittivity (imaginary part)	14.458500
Conductivity (S/m)	2.036239
Variation (%)	3.200000

SURFACE SAR

VOLUME SAR

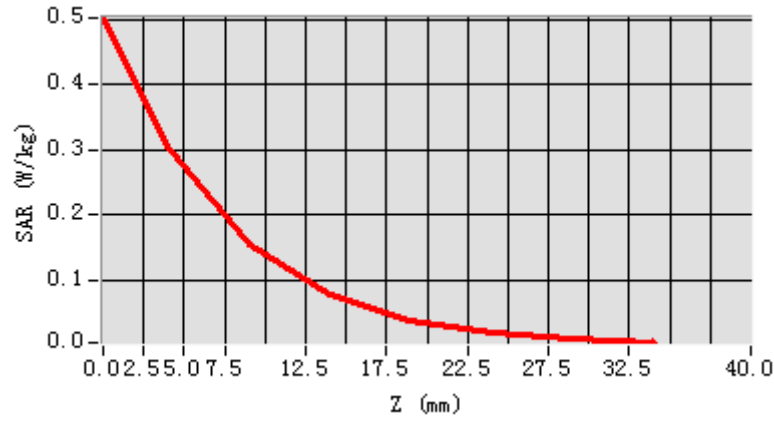


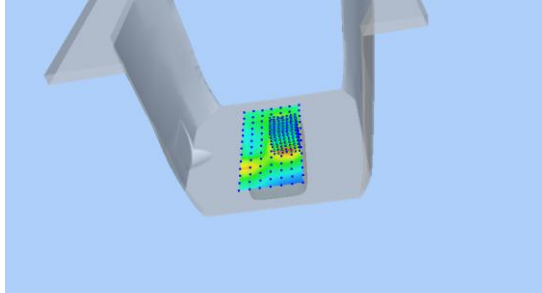
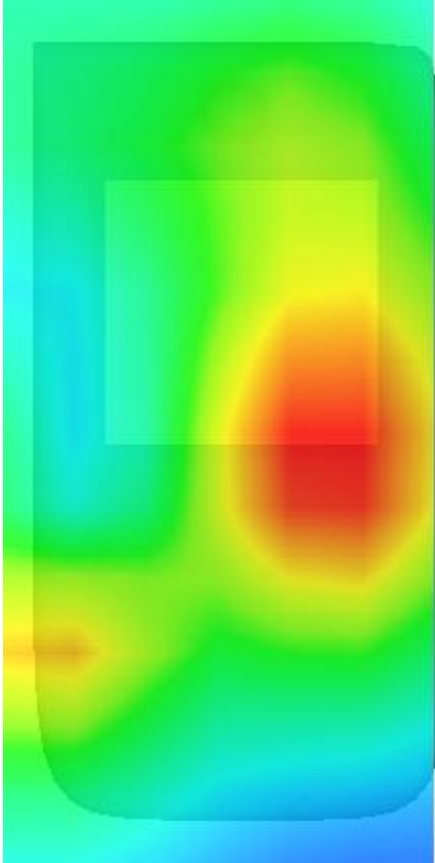
Maximum location: X=15.00, Y=-3.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.149859
SAR 1g (W/Kg)	0.289821

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5026	0.3047	0.1544	0.0781	0.0387	0.0186	0.0087



3D screen shot	Hot spot position
	

MEASUREMENT 25

Type: Phone measurement (Complete)

Date of measurement: 25/3/2017

Measurement duration: 12 minutes 36 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left 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>Duty cycle:1:1</u>
<u>Conversion factor</u>	<u>4.00</u>

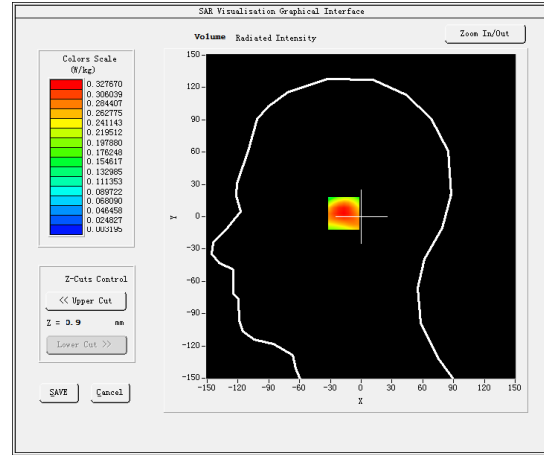
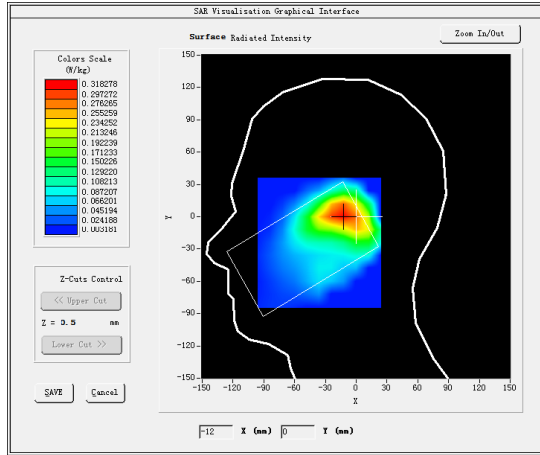
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	38.568100
Relative permittivity (imaginary part)	13.379800
Conductivity (S/m)	1.815193
Variation (%)	-1.050000

SURFACE SAR

VOLUME SAR

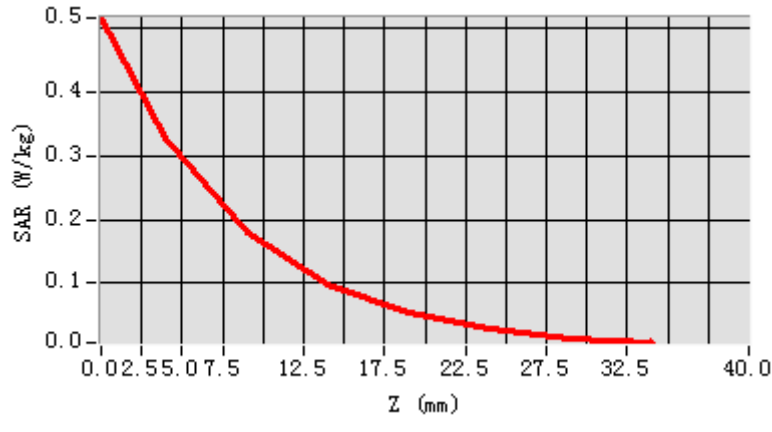


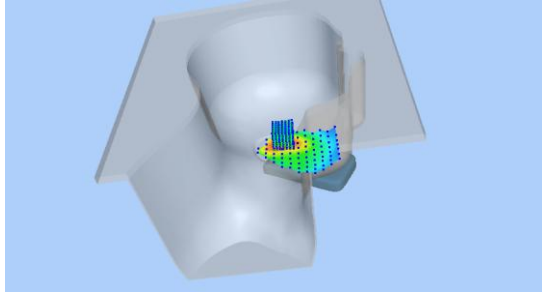
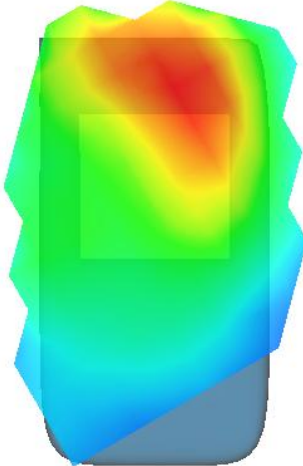
Maximum location: X=-14.00, Y=3.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.173991
SAR 1g (W/Kg)	0.315594

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5150	0.3277	0.1798	0.0980	0.0533	0.0283	0.0148



3D screen shot	Hot spot position
	

MEASUREMENT 26

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 25/3/2017

Measurement duration: 17 minutes 33 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm 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>

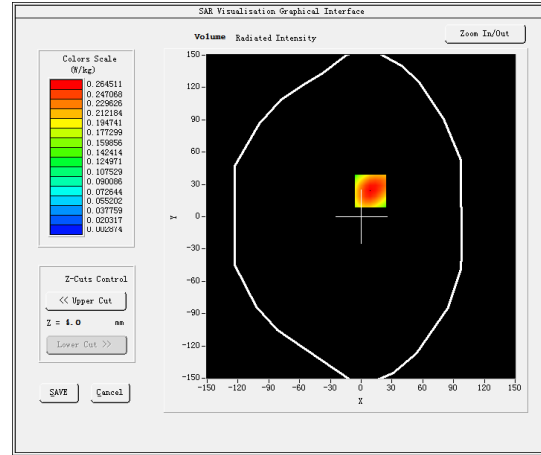
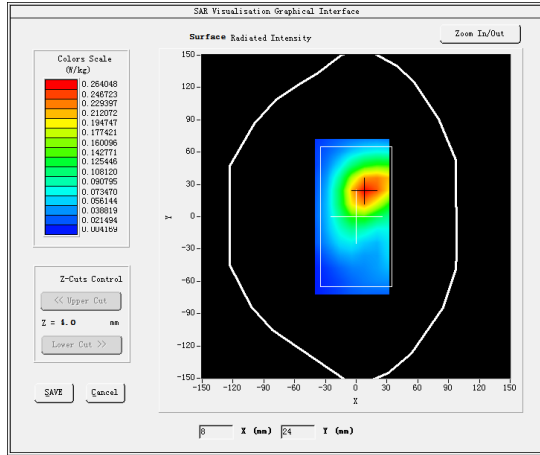
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.756401
Relative permittivity (imaginary part)	14.076200
Conductivity (S/m)	1.909671
Variation (%)	-0.040000

SURFACE SAR

VOLUME SAR

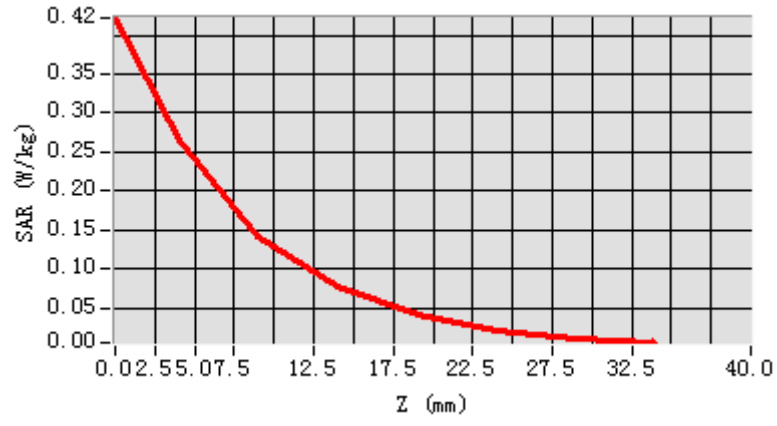


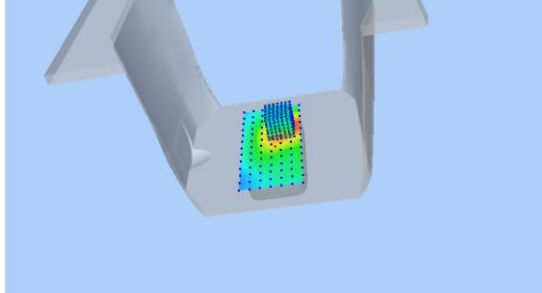
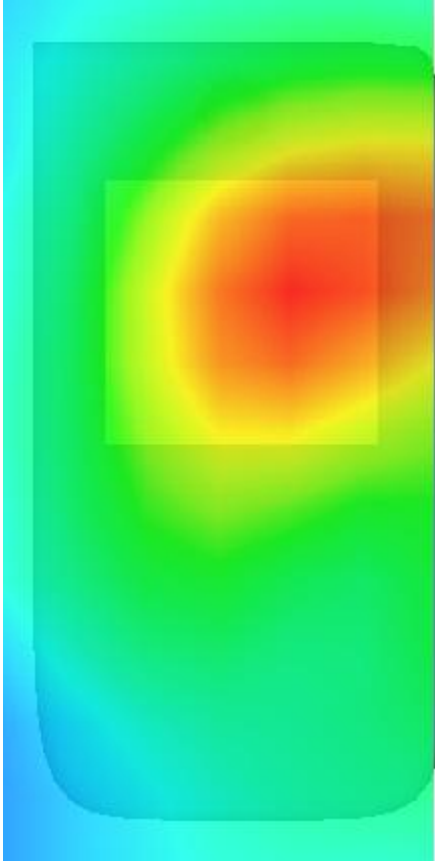
Maximum location: X=9.00, Y=24.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.140873
SAR 1g (W/Kg)	0.253837

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4220	0.2645	0.1416	0.0760	0.0401	0.0208	0.0106



3D screen shot	Hot spot position
	

MEASUREMENT 27

Top-side-middle

Type: Phone measurement (Complete)

Date of measurement: 25/3/2017

Measurement duration: 14 minutes 58 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm 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>

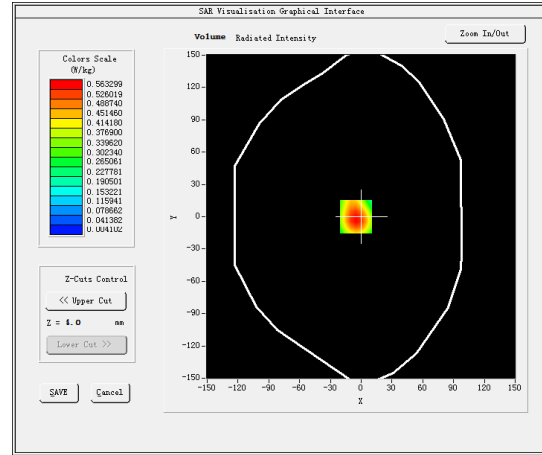
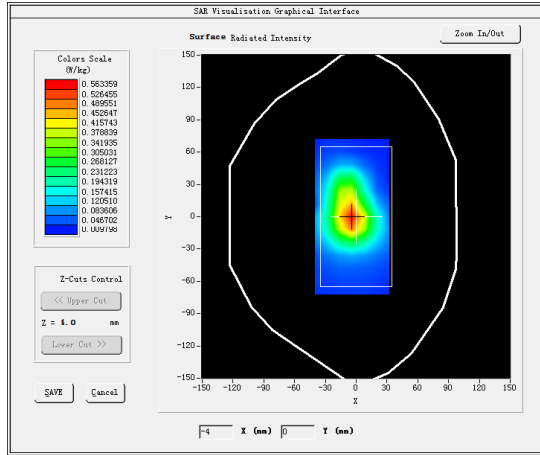
B. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.756401
Relative permittivity (imaginary part)	14.076200
Conductivity (S/m)	1.909671
Variation (%)	0.320000

SURFACE SAR

VOLUME SAR

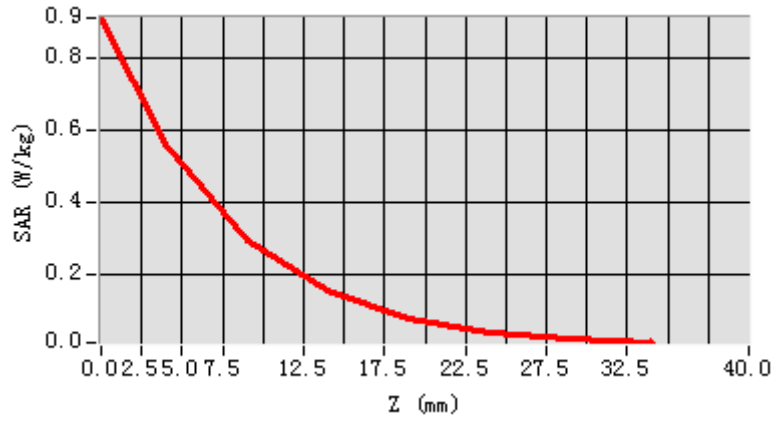


Maximum location: X=-5.00, Y=0.00

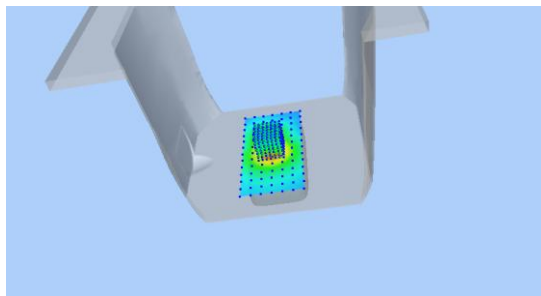
SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.283632
SAR 1g (W/Kg)	0.358186

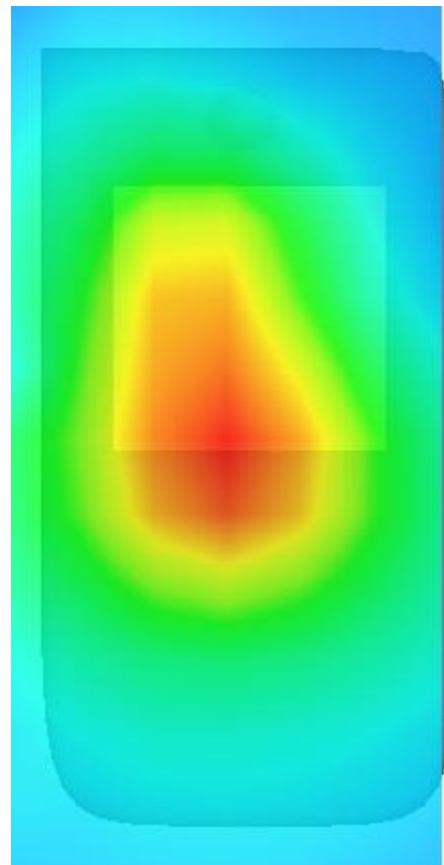
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9140	0.5633	0.2938	0.1535	0.0790	0.0405	0.0204



3D screen shot



Hot spot position



MEASUREMENT 28

Type: Phone measurement (Complete)

Date of measurement: 27/3/2017

Measurement duration: 8 minutes 48 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>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-1</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>

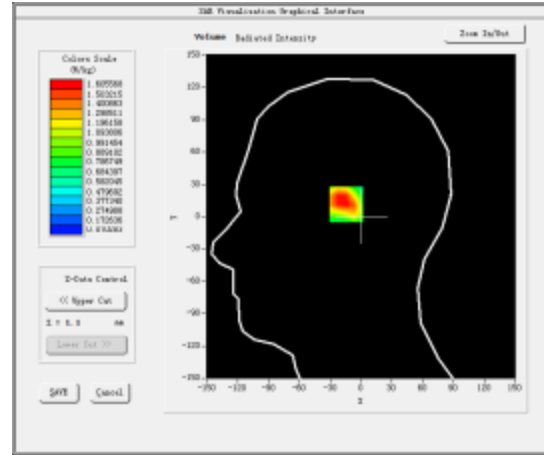
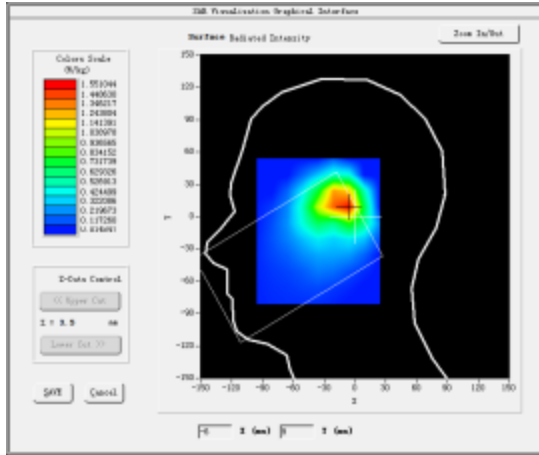
B. SAR Measurement Results

High Band SAR (Channel 64):

Frequency (MHz)	5180.000000
Relative permittivity (real part)	35.539701
Relative permittivity (imaginary part)	16.548572
Conductivity (S/m)	4.835210
Variation (%)	-0.720000

SURFACE SAR

VOLUME SAR

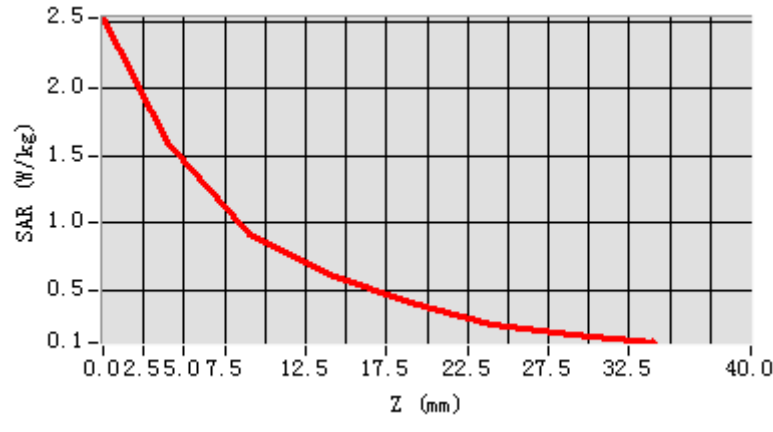


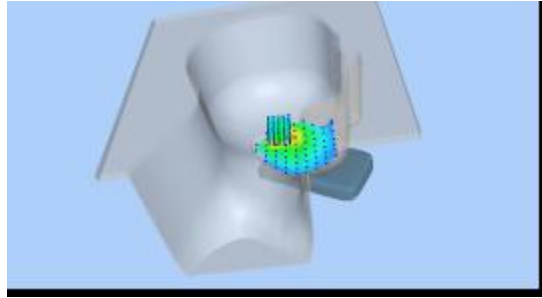
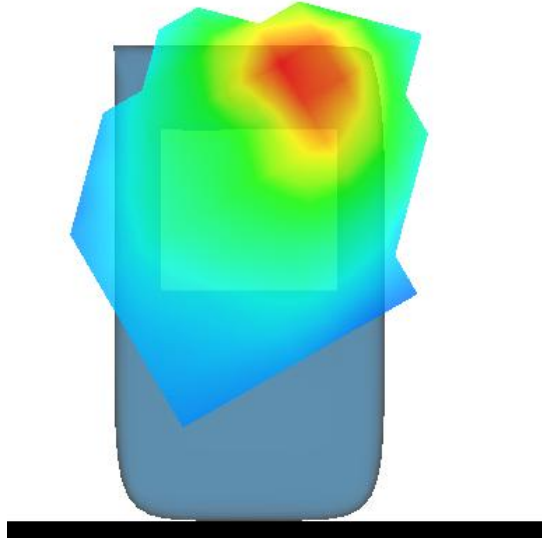
Maximum location: X=-11.00, Y=12.00

SAR Peak: 2.66 W/kg

SAR 10g (W/Kg)	0.0771964
SAR 1g (W/Kg)	0.161296

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.5249	1.6056	0.9199	0.6251	0.4122	0.2435	0.1769



3D screen shot	Hot spot position
	

MEASUREMENT 29

Type: Phone measurement (Complete)

Date of measurement: 27/3/2017

Measurement duration: 9 minutes 35 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>Right 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:1:1</u>

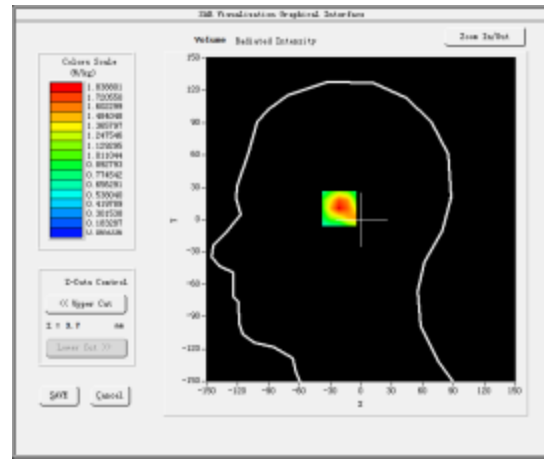
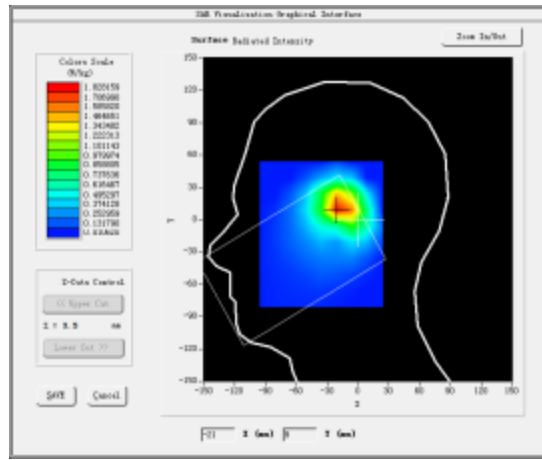
B. SAR Measurement Results

High Band SAR (Channel 165):

Frequency (MHz)	5825.000000
Relative permittivity (real part)	34.635521
Relative permittivity (imaginary part)	16.245435
Conductivity (S/m)	5.161300
Variation (%)	0.190000

SURFACE SAR

VOLUME SAR

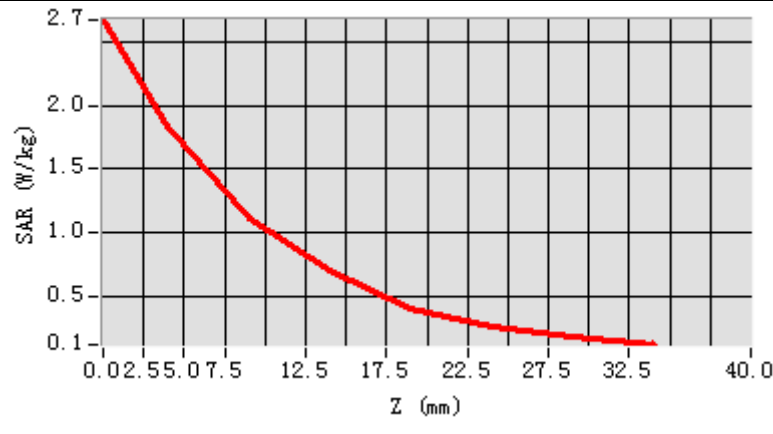


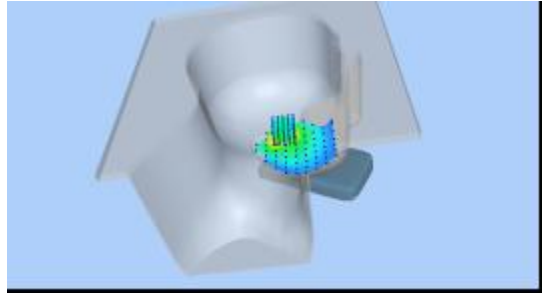
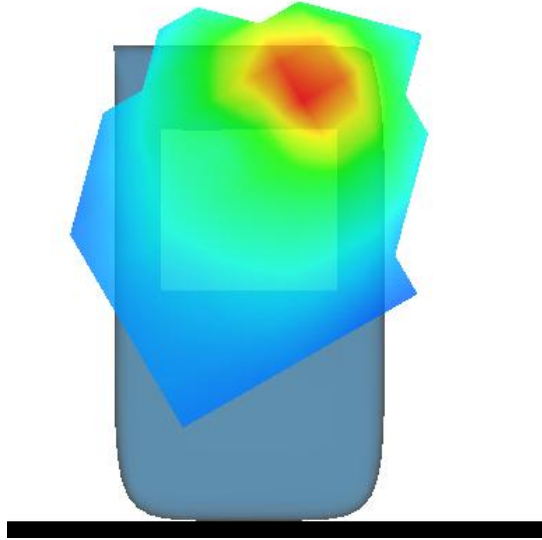
Maximum location: X=-19.00, Y=12.00

SAR Peak: 2.71 W/kg

SAR 10g (W/Kg)	0.045018
SAR 1g (W/Kg)	0.132455

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.6699	1.8388	1.1141	0.6988	0.4126	0.2673	0.1890



3D screen shot	Hot spot position
	

MEASUREMENT 30

Towards-Ground-Low

Type: Phone measurement (Complete)

Date of measurement: 27/3/2017

Measurement duration: 10 minutes 13 seconds

A. Experimental conditions.

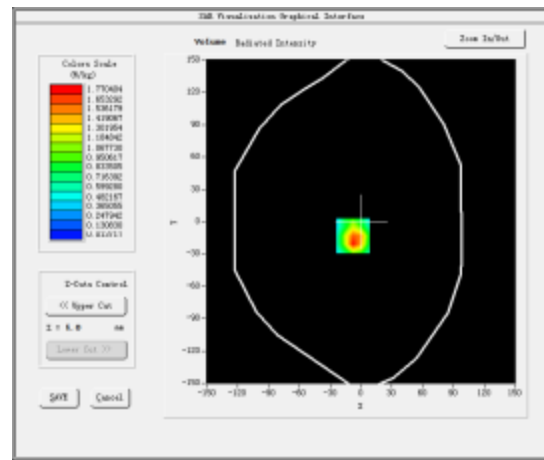
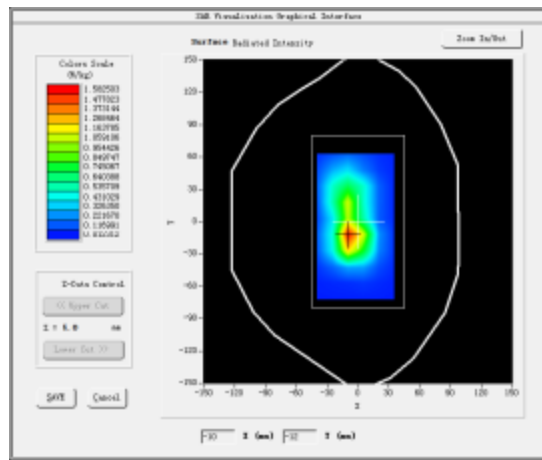
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-1</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>

B. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative permittivity (real part)	48.328526
Relative permittivity (imaginary part)	17.830894
Conductivity (S/m)	5.274532
Variation (%)	0.420000

SURFACE SAR

VOLUME SAR

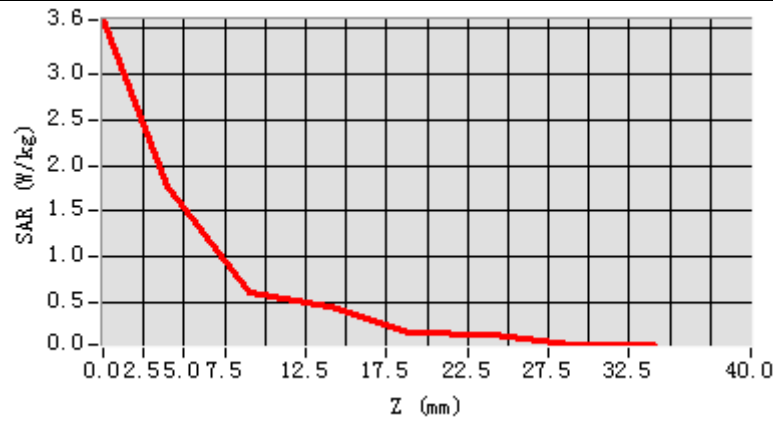


Maximum location: X=-8.00, Y=-13.00

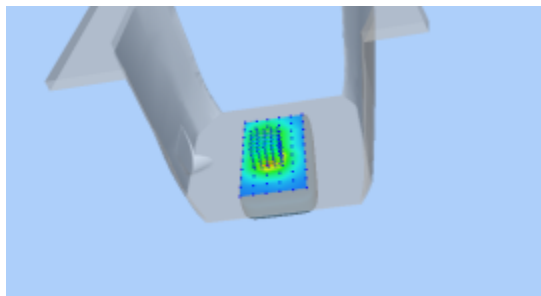
SAR Peak: 3.19 W/kg

SAR 10g (W/Kg)	0.087298
SAR 1g (W/Kg)	0.126332

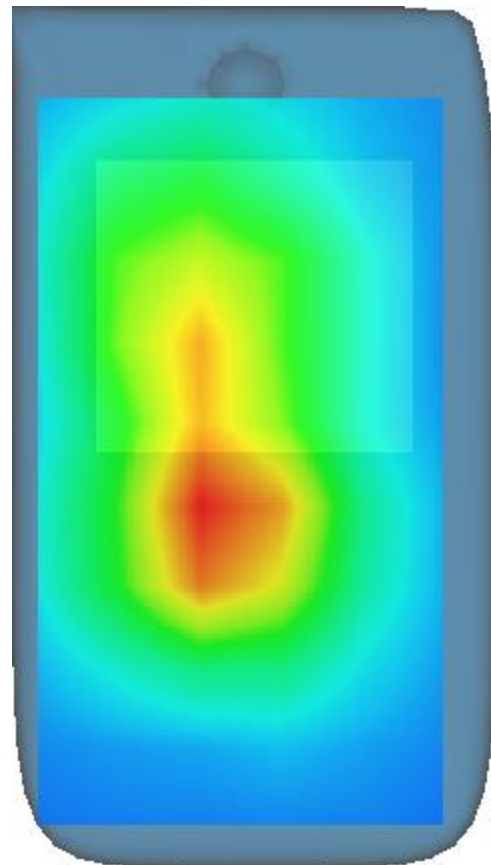
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.5872	1.7704	0.6223	0.4580	0.1851	0.1560	0.0566



3D screen shot



Hot spot position



MEASUREMENT 31

Towards-Ground-High

Type: Phone measurement (Complete)

Date of measurement: 27/3/2017

Measurement duration: 10 minutes 31 seconds

A. Experimental conditions.

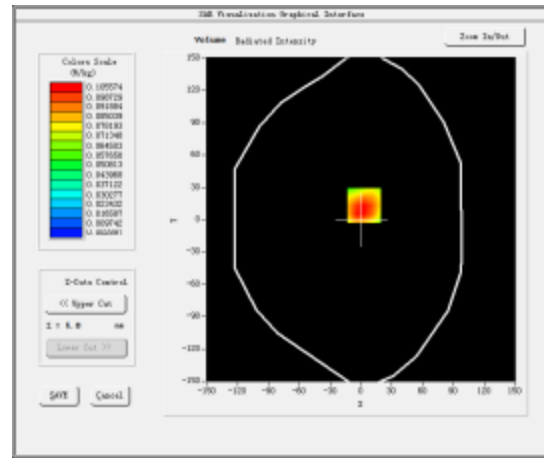
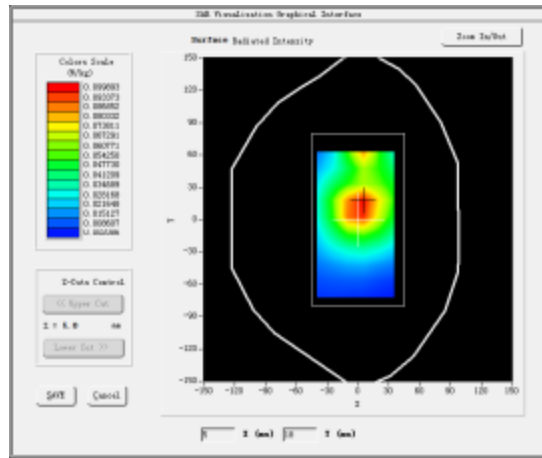
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-3</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative permittivity (real part)	48.235748
Relative permittivity (imaginary part)	19.060800
Conductivity (S/m)	6.173560
Variation (%)	0.960000

SURFACE SAR

VOLUME SAR

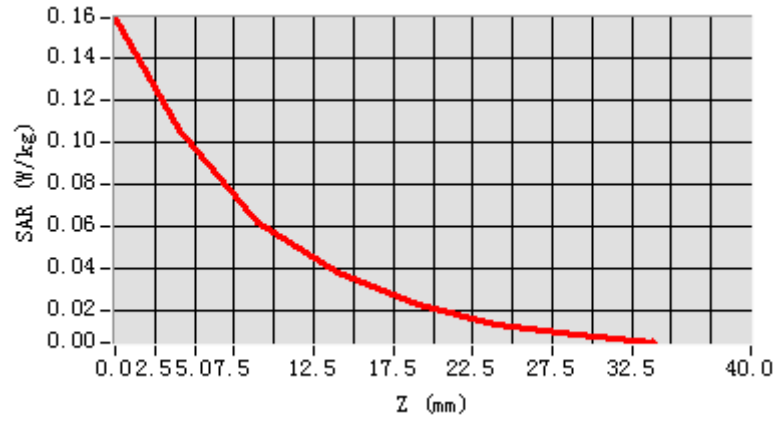


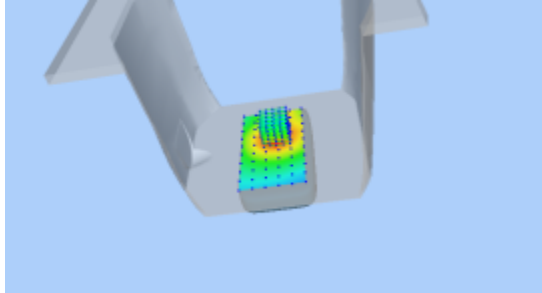
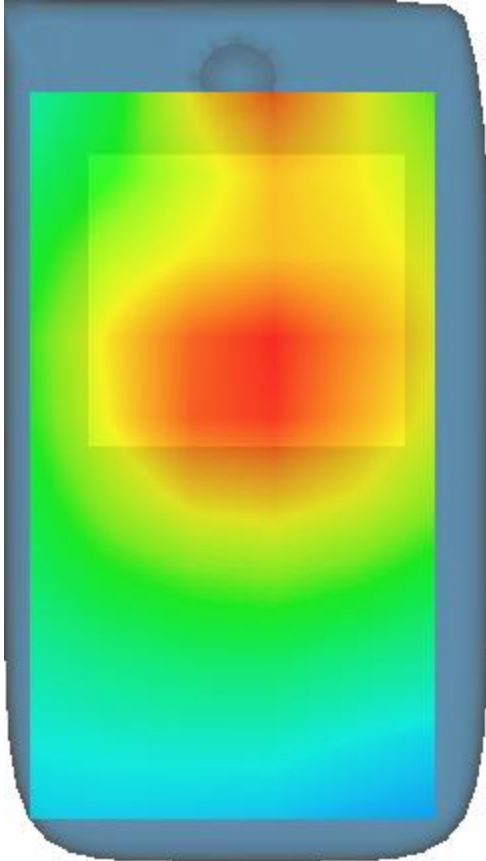
Maximum location: X=3.00, Y=13.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.123298
SAR 1g (W/Kg)	0.1623277

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1592	0.1056	0.0621	0.0381	0.0226	0.0132	0.0079



3D screen shot	Hot spot position
	

MEASUREMENT 32

Rear-side- Low

Type: Phone measurement (Complete)

Date of measurement: 27/3/2017

Measurement duration: 10 minutes 46 seconds

A. Experimental conditions.

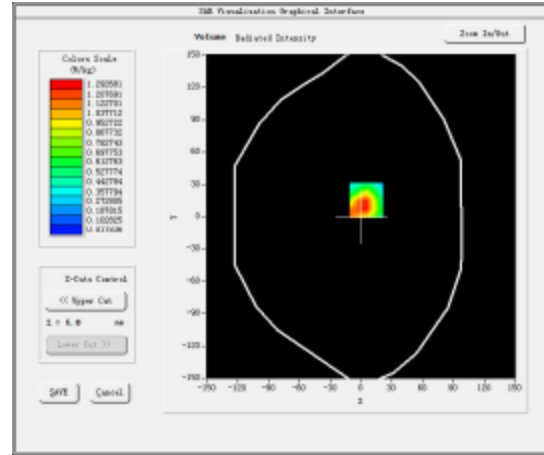
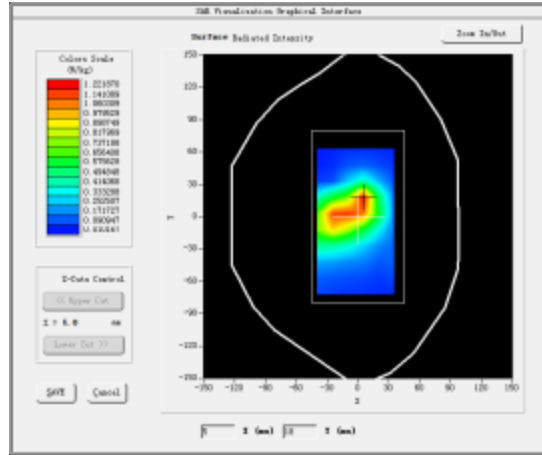
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-1</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>

B. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative permittivity (real part)	49.961700
Relative permittivity (imaginary part)	18.019321
Conductivity (S/m)	5.195116
Variation (%)	0.220000

SURFACE SAR

VOLUME SAR

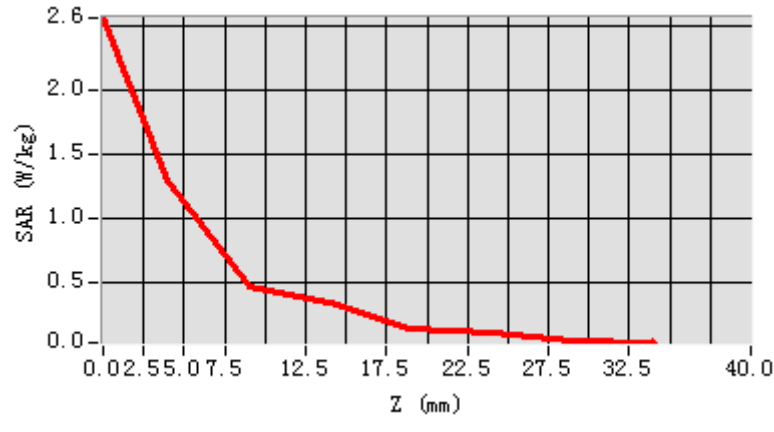


Maximum location: X=5.00, Y=15.00

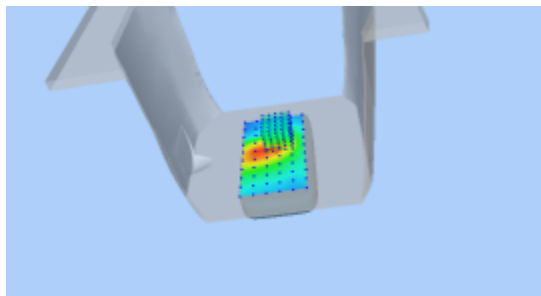
SAR Peak: 2.17 W/kg

SAR 10g (W/Kg)	0.109335
SAR 1g (W/Kg)	0.152442

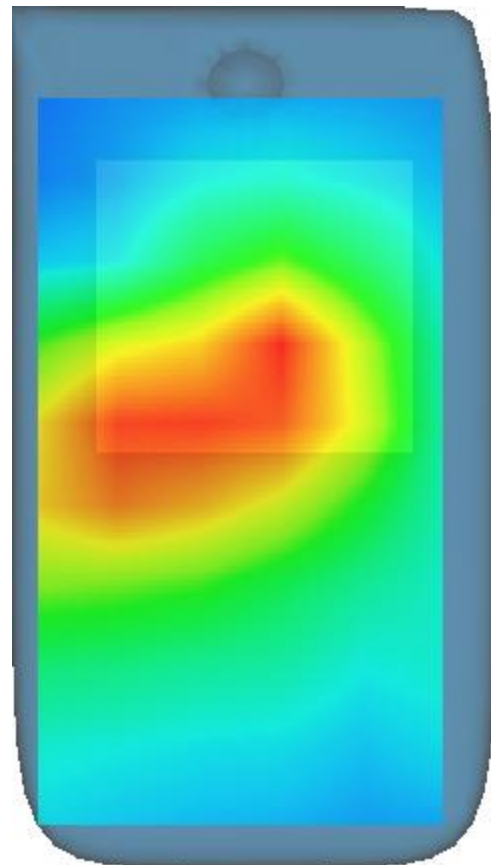
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.5565	1.2927	0.4811	0.3526	0.1520	0.1133	0.0501



3D screen shot



Hot spot position



MEASUREMENT 33

Rear-side- High

Type: Phone measurement (Complete)

Date of measurement: 27/3/2017

Measurement duration: 9 minutes 30 seconds

A. Experimental conditions.

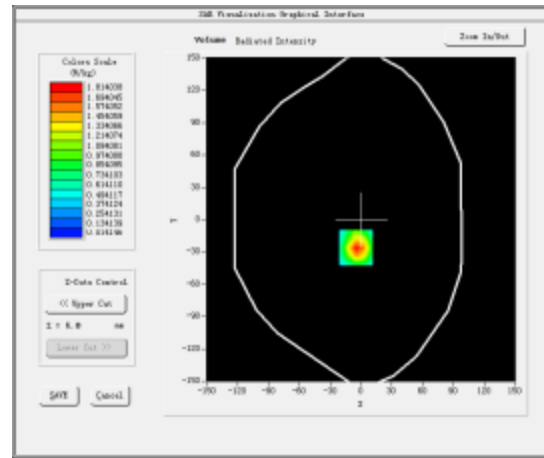
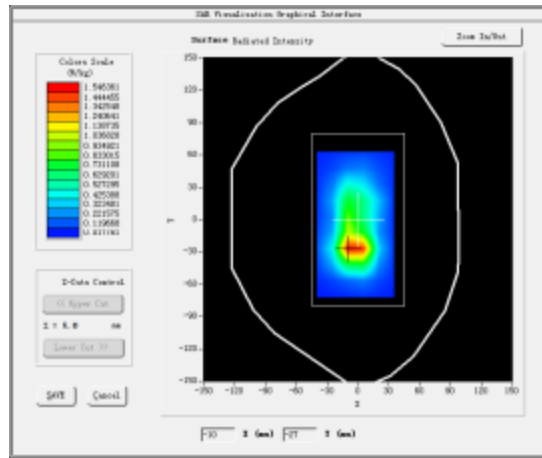
<u>Area Scan</u>	<u>dx=10mm dy=10mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII-3</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty cycle:1:1</u>

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative permittivity (real part)	48.139400
Relative permittivity (imaginary part)	19.154900
Conductivity (S/m)	6.205808
Variation (%)	-0.210000

SURFACE SAR

VOLUME SAR

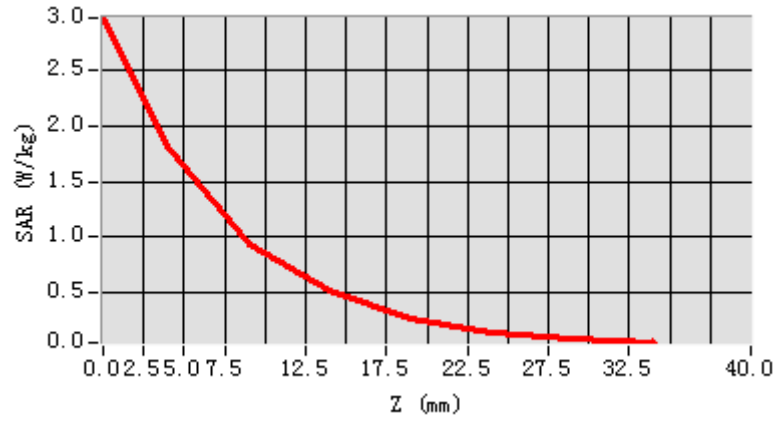


Maximum location: X=-5.00, Y=-26.00

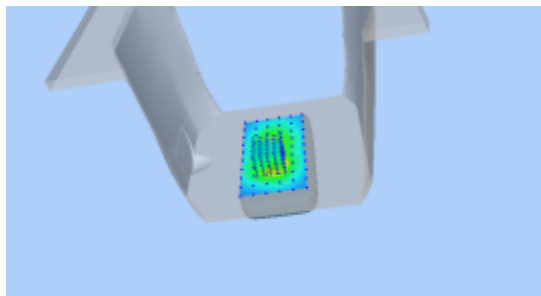
SAR Peak: 2.98 W/kg

SAR 10g (W/Kg)	0.123059
SAR 1g (W/Kg)	0.167274

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.9759	1.8140	0.9340	0.5156	0.2681	0.1454	0.0814



3D screen shot



Hot spot position

