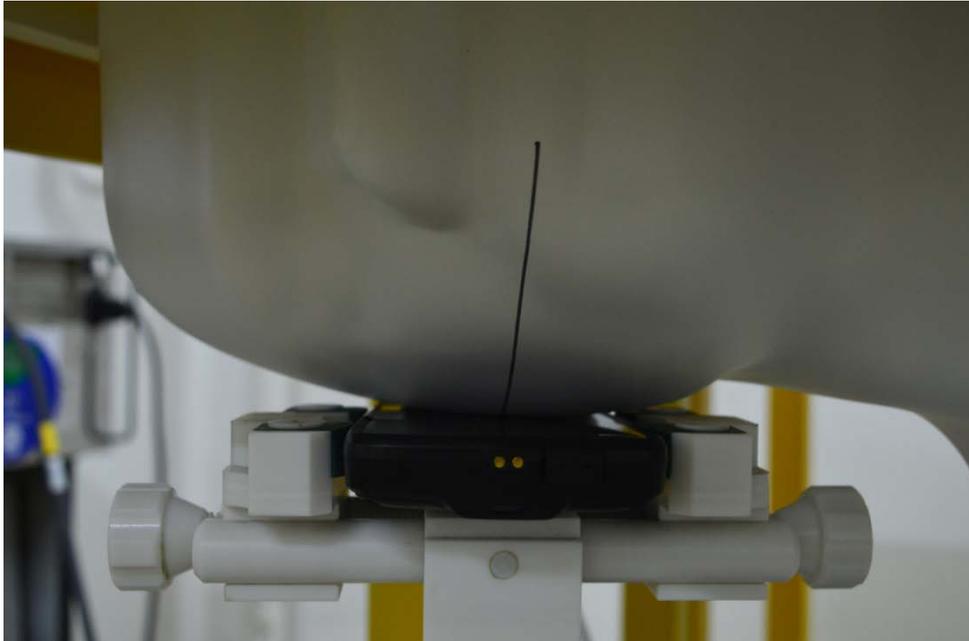
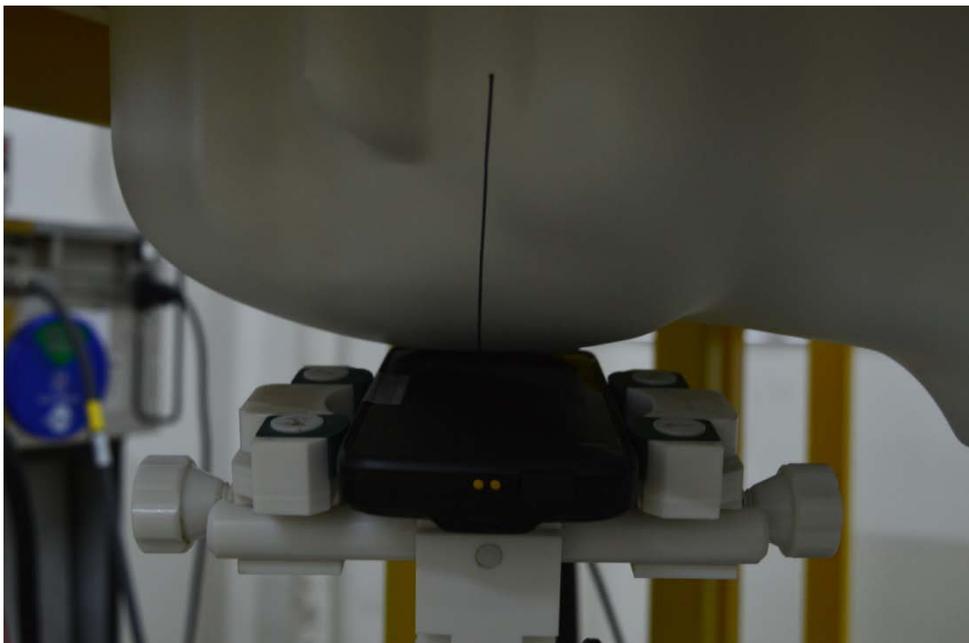


## ANNEX A SETUP PHOTOS

### 1. EUT Right Head Touch/Cheek Position



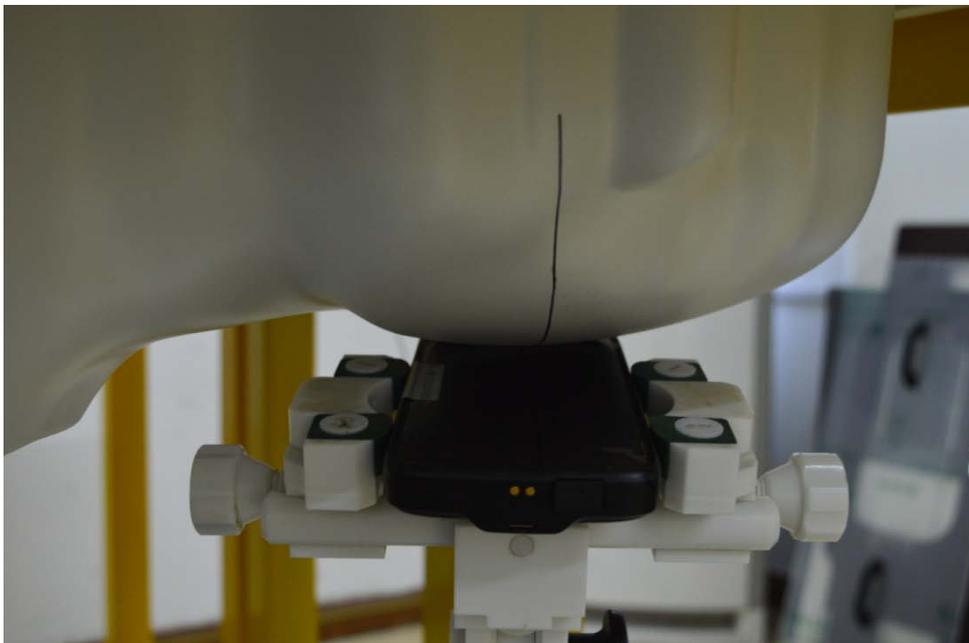
### 2. EUT Right Head Ear/Tilt(15°) Position



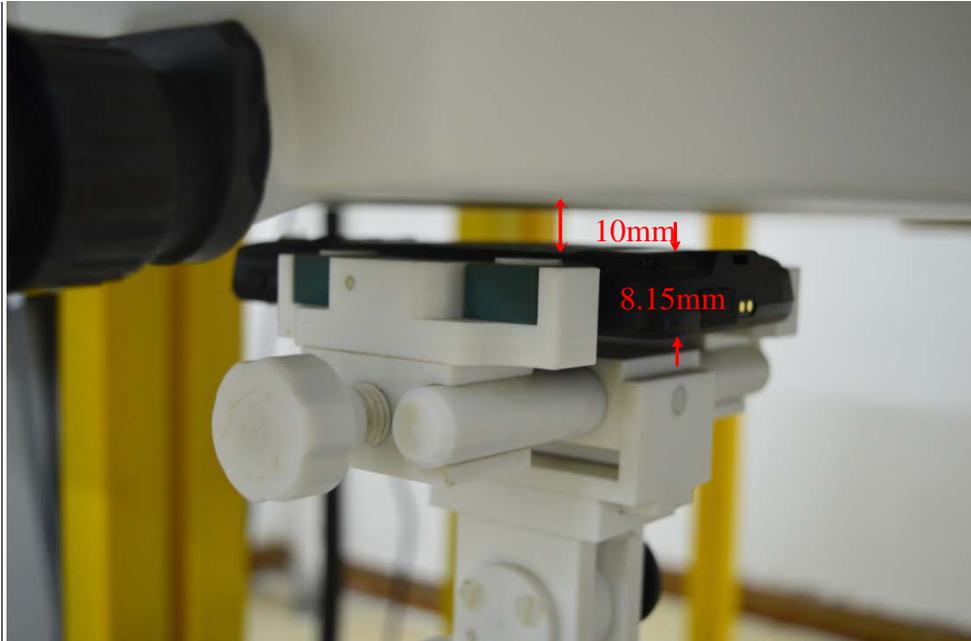
3. EUT Left Head Touch/Cheek Position



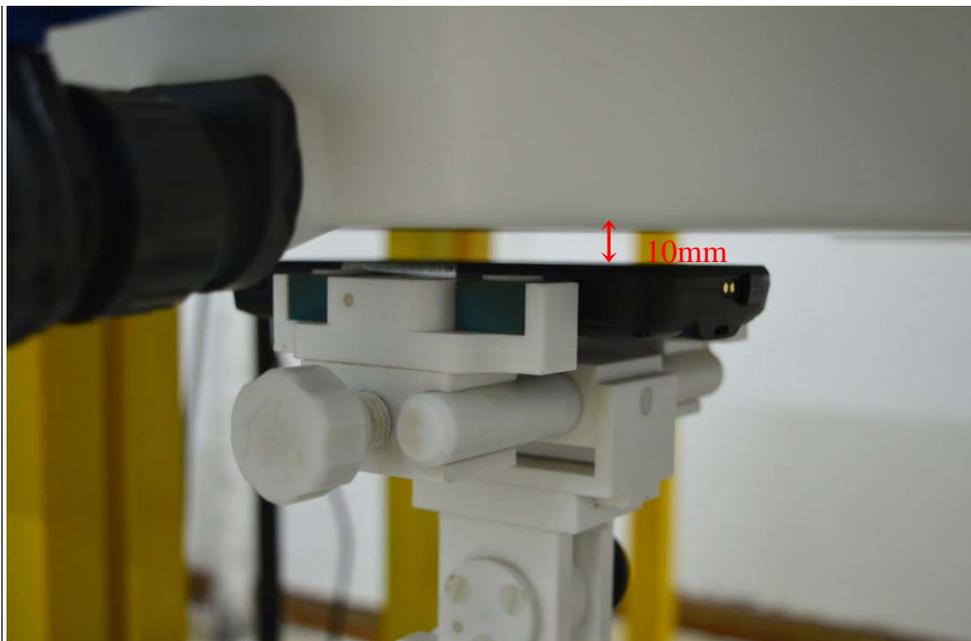
4. EUT Left Head Ear/Tilt(15°) Position



5. Back Side Position



6. Face Side Position



7. Edge B



8. Edge C



9. Edge D



10. Liquid Level Photo



## ANNEX B PLOTS OF SAR TEST RESULTS

### MEASUREMENT 1

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 13 seconds

#### A. Experimental conditions.

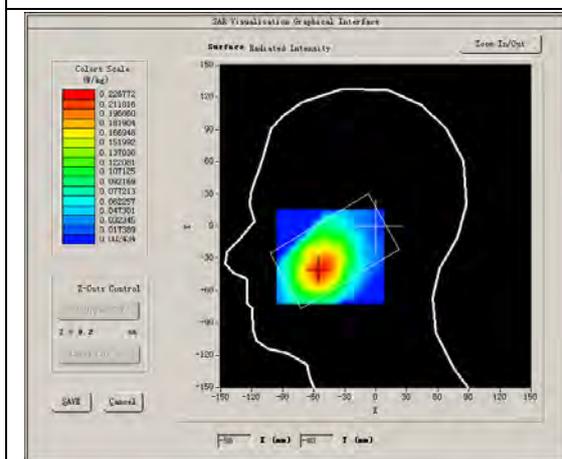
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GSM</u>

#### B. SAR Measurement Results

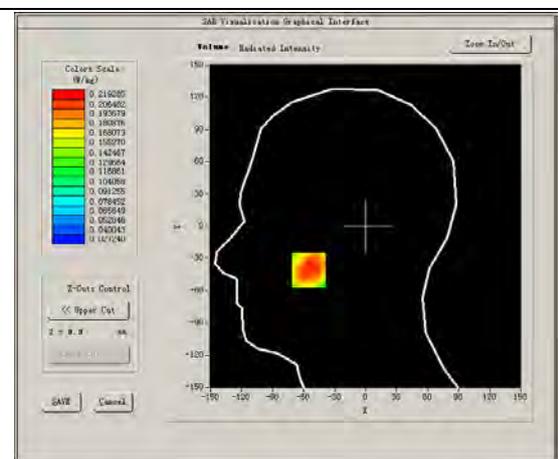
Lower Band SAR (Channel 128):

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	-3.840000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:8

#### SURFACE SAR



#### VOLUME SAR

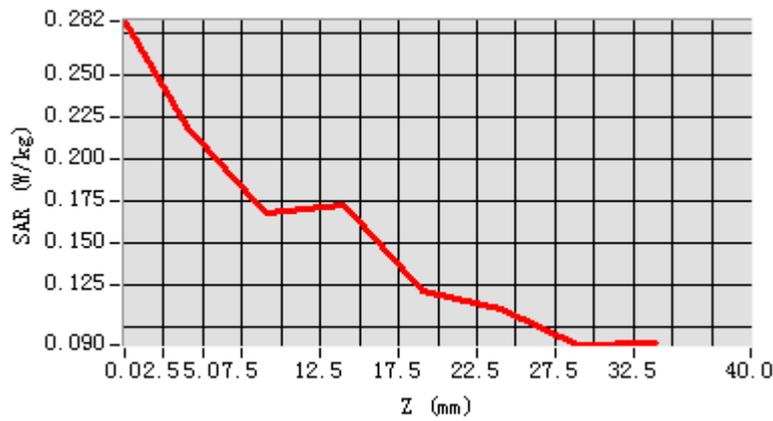


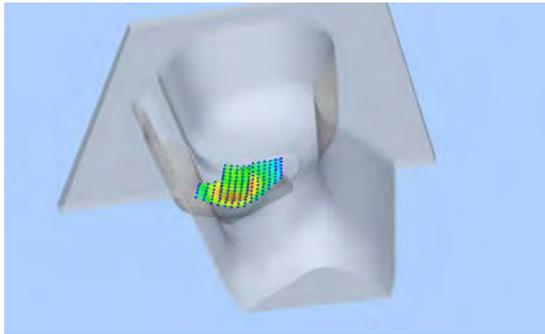
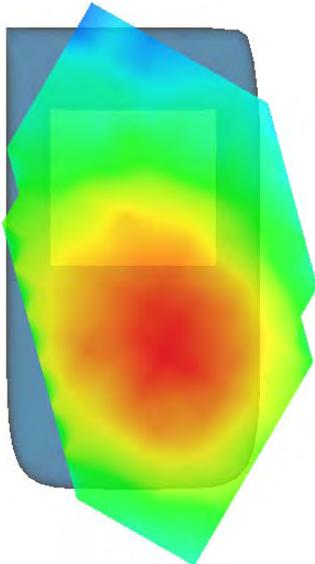
Maximum location: X=-55.00, Y=-41.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.167347
SAR 1g (W/Kg)	0.212551

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2820	0.2193	0.1677	0.1723	0.1214	0.1117	0.0898



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 2**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 16 seconds

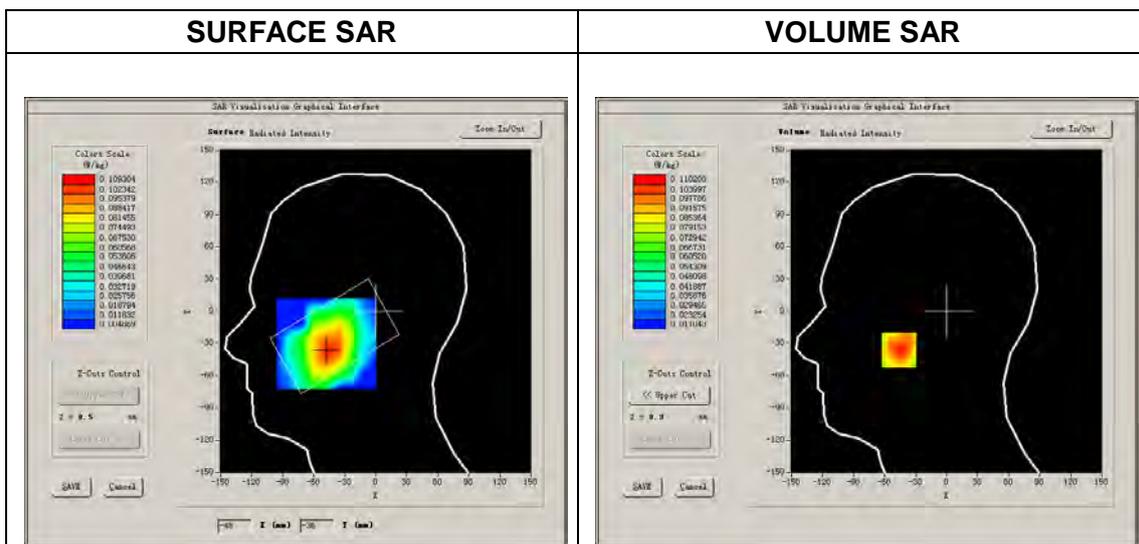
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 128):

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	-3.840000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:8

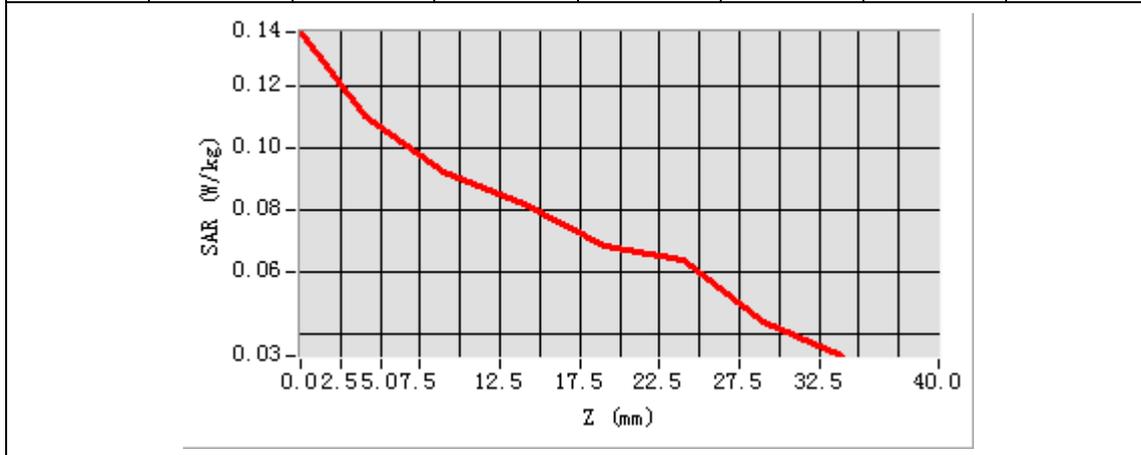


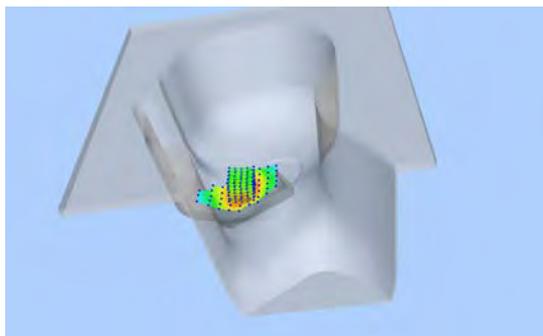
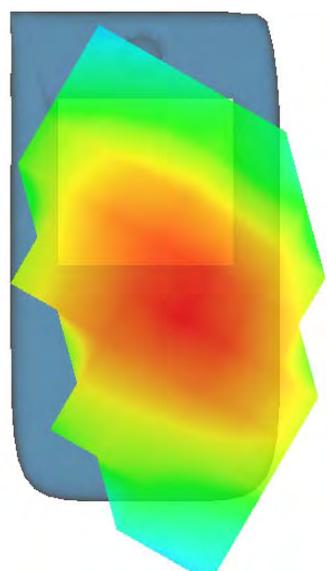
Maximum location: X=-46.00, Y=-36.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.084071
SAR 1g (W/Kg)	0.108028

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1371	0.1102	0.0921	0.0819	0.0682	0.0638	0.0435



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 3**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 19 seconds

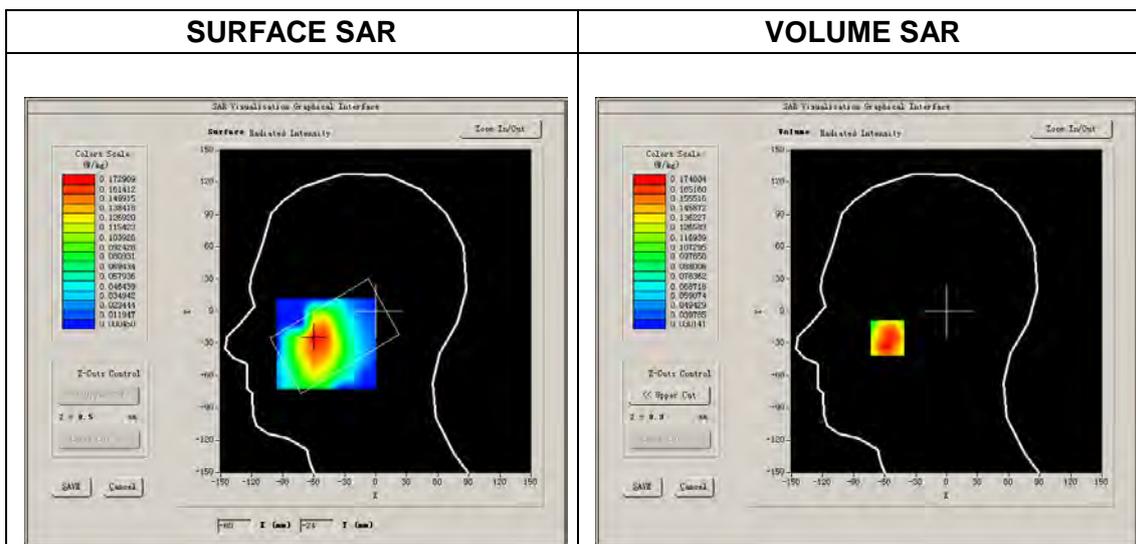
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt</u>
<b>Phantom</b>	<u>Left head</u>
<b>Device Position</b>	<u>Cheek</u>
<b>Band</b>	<u>GSM850</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 128):

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	-3.840000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:8

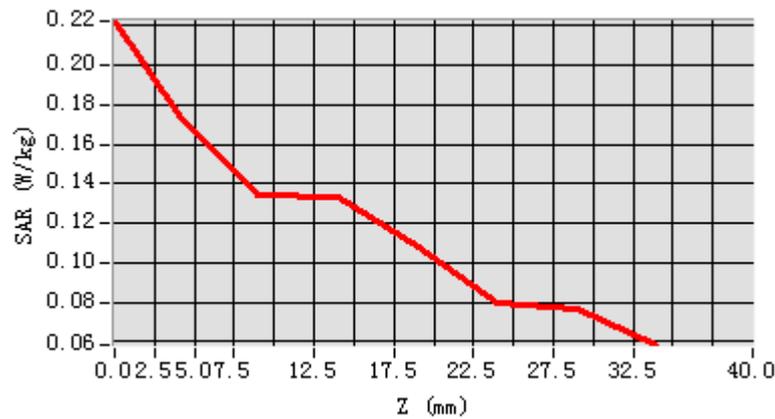


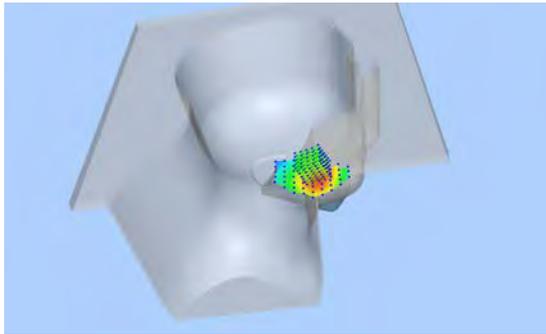
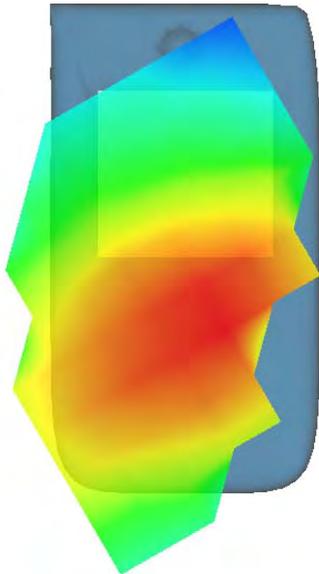
Maximum location: X=-57.00, Y=-25.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.134032
SAR 1g (W/Kg)	0.173479

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2225	0.1748	0.1342	0.1331	0.1083	0.0799	0.0763



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 4**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 52 seconds

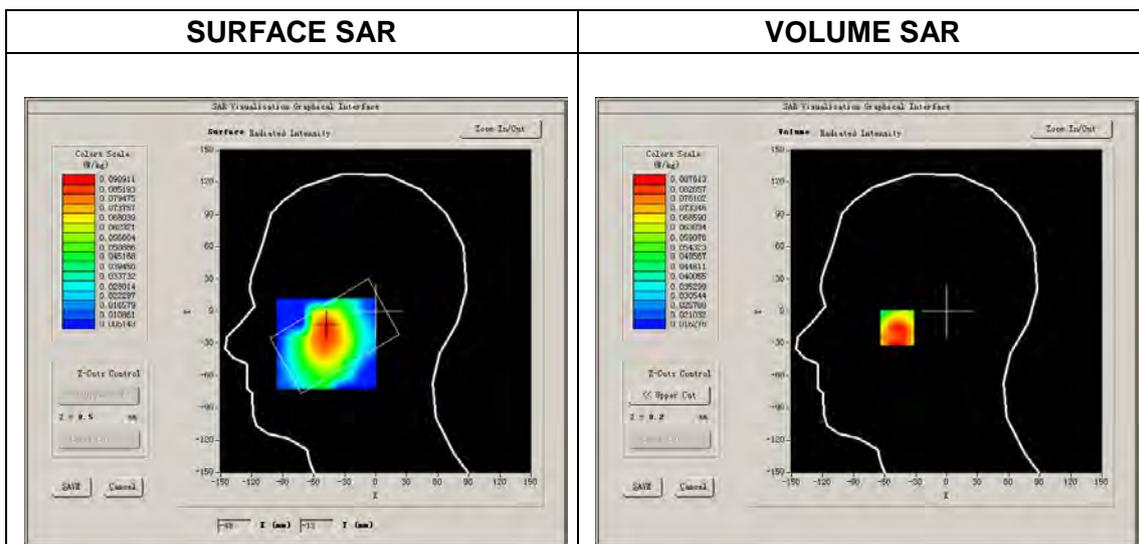
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>GSM850</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 128):

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	-3.840000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:8

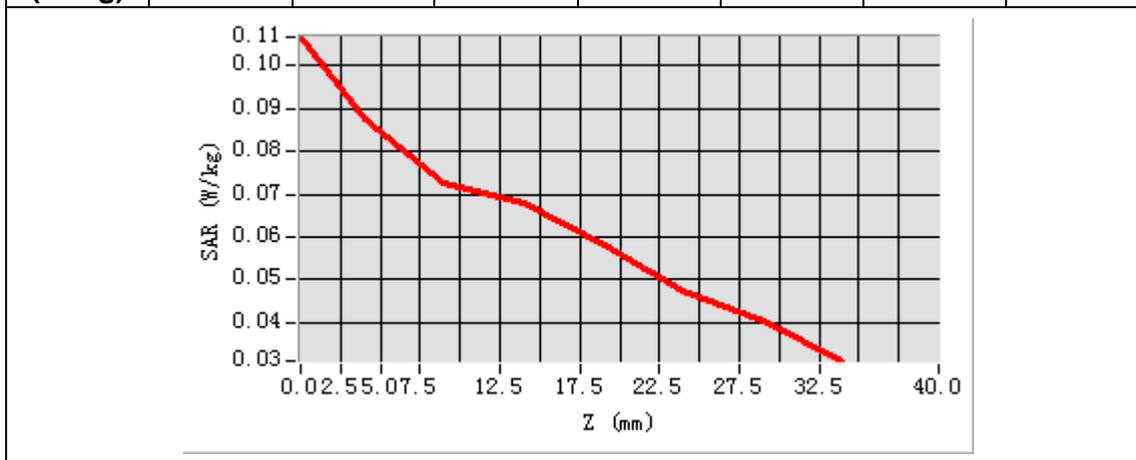


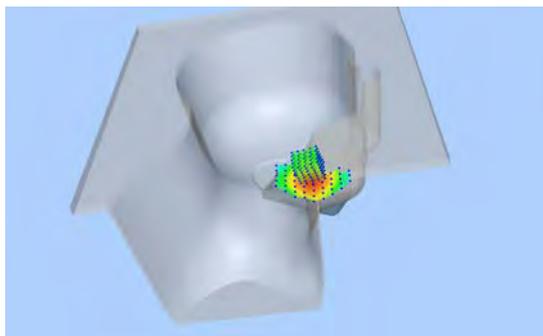
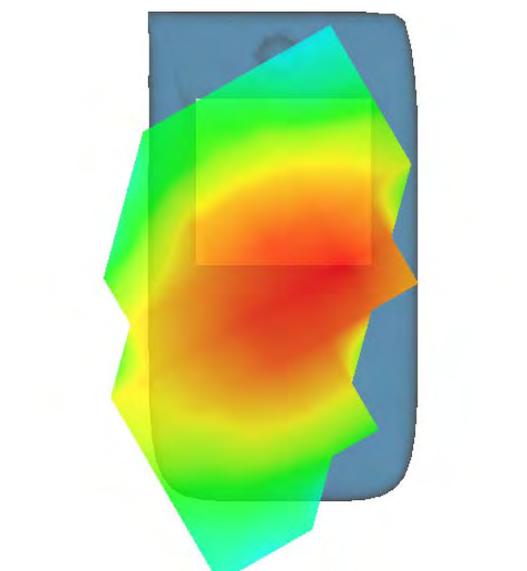
Maximum location: X=-48.00, Y=-14.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.069604
SAR 1g (W/Kg)	0.086185

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1067	0.0876	0.0725	0.0681	0.0582	0.0475	0.0402



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 5**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 57 seconds

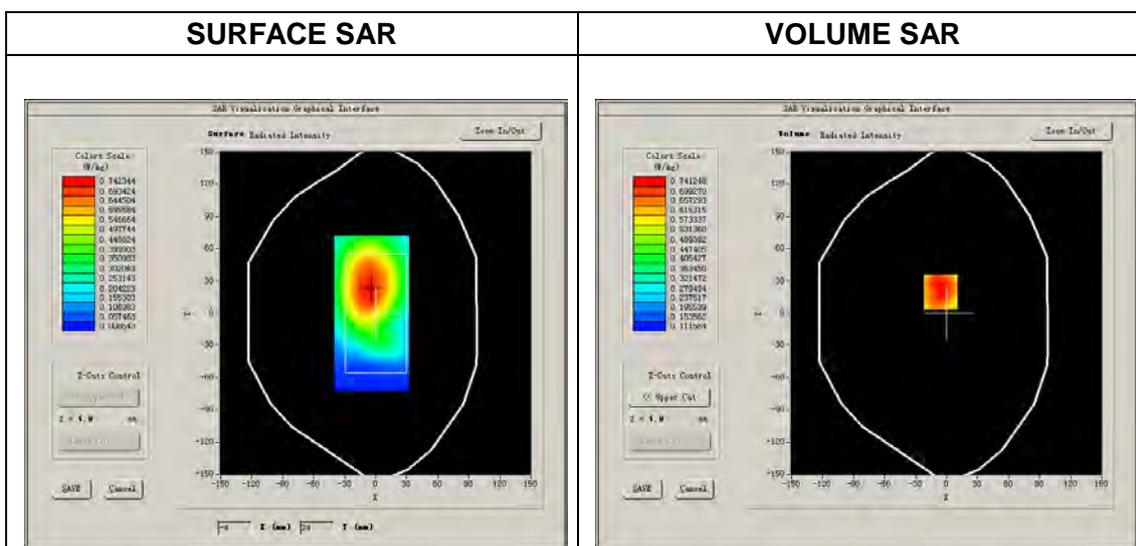
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>GSM850</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 128):

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

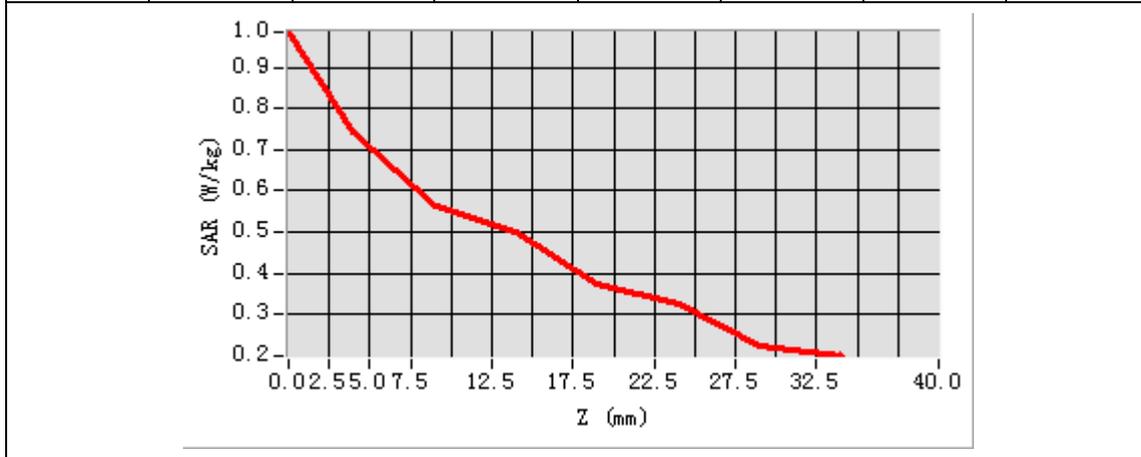


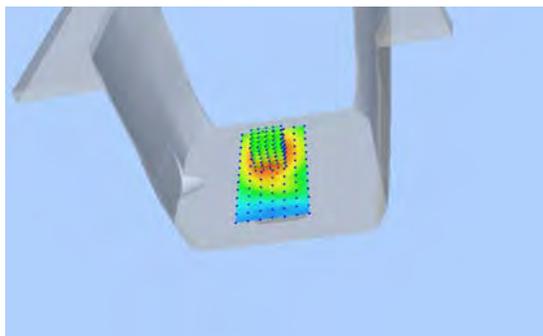
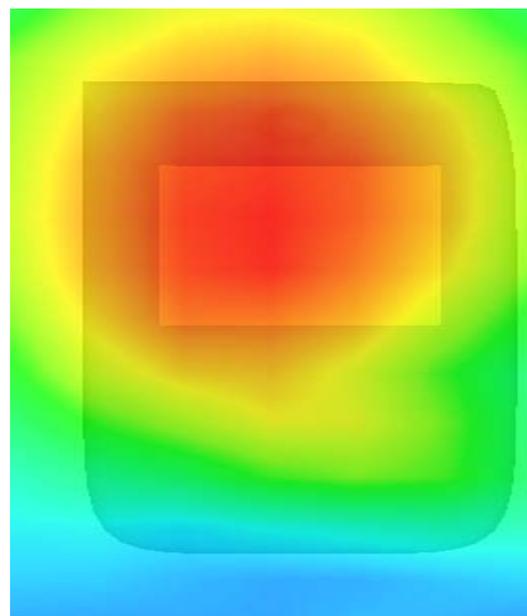
Maximum location: X=-6.00, Y=20.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.556919
SAR 1g (W/Kg)	0.730524

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9852	0.7412	0.5628	0.5006	0.3723	0.3270	0.2225



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 6**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 55 seconds

**A. Experimental conditions.**

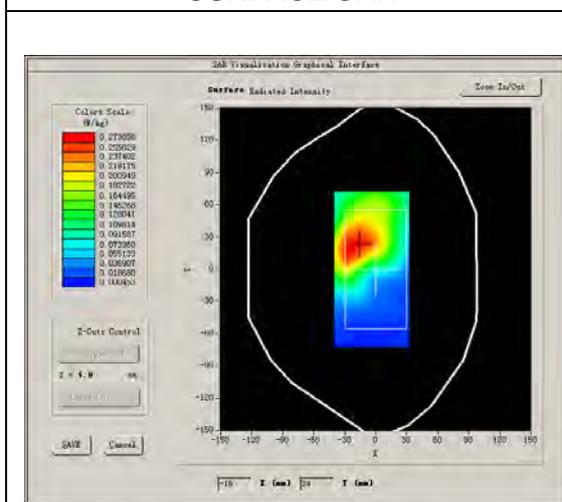
<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GSM</u>

**B. SAR Measurement Results**

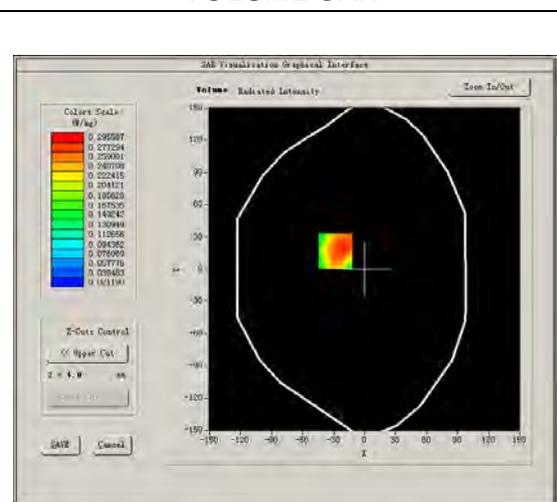
Lower Band SAR (Channel 128):

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

**SURFACE SAR**



**VOLUME SAR**

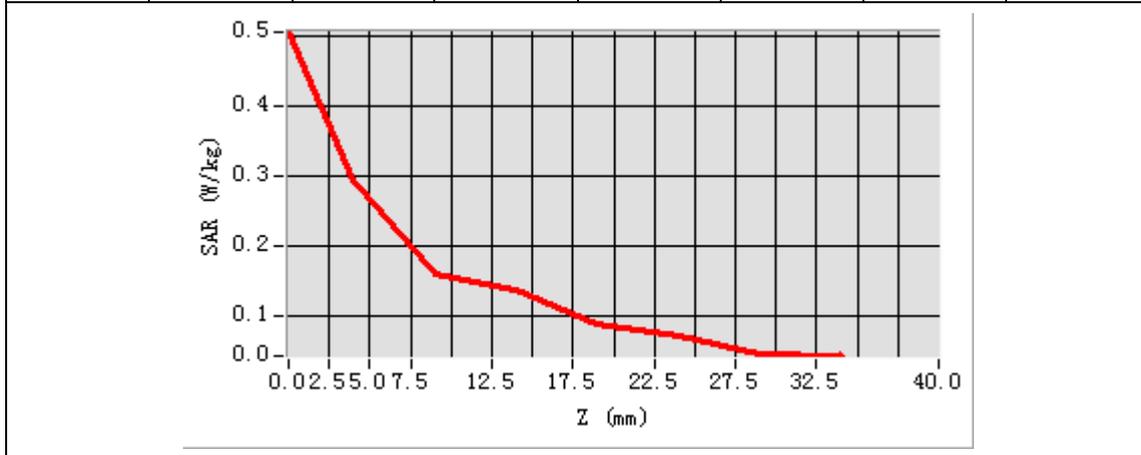


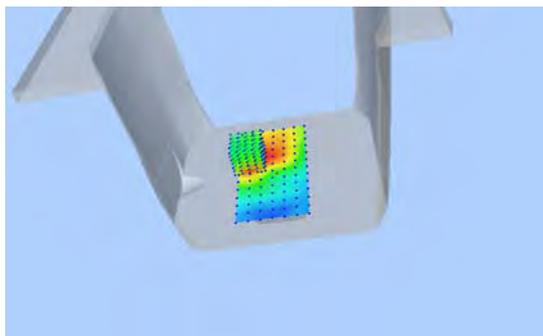
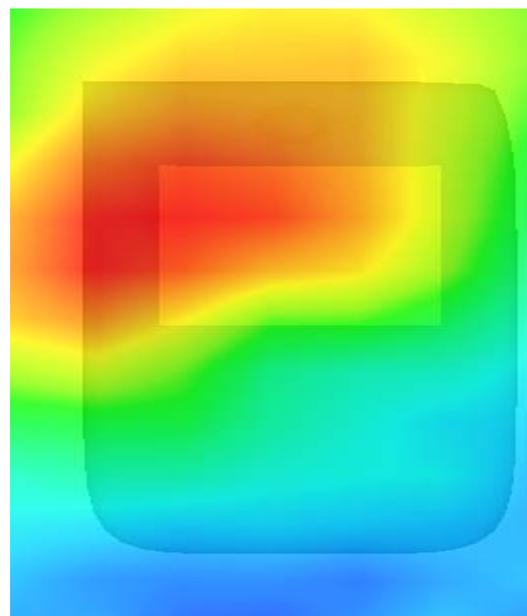
Maximum location: X=-28.00, Y=17.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.191236
SAR 1g (W/Kg)	0.283856

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5048	0.2956	0.1605	0.1382	0.0896	0.0738	0.0471



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 7**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 46 seconds

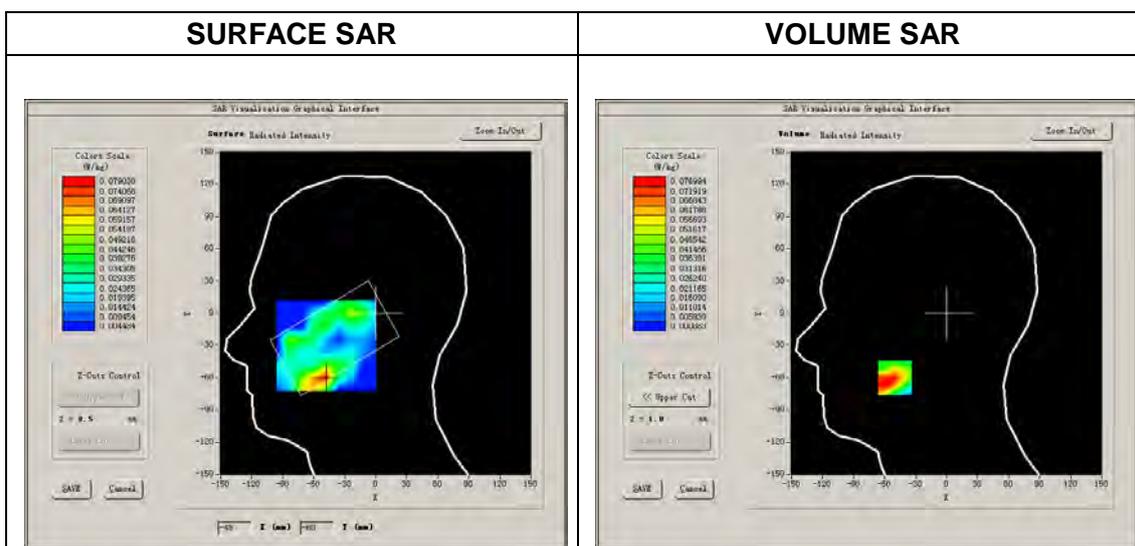
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>GSM1900</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 513):

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:8

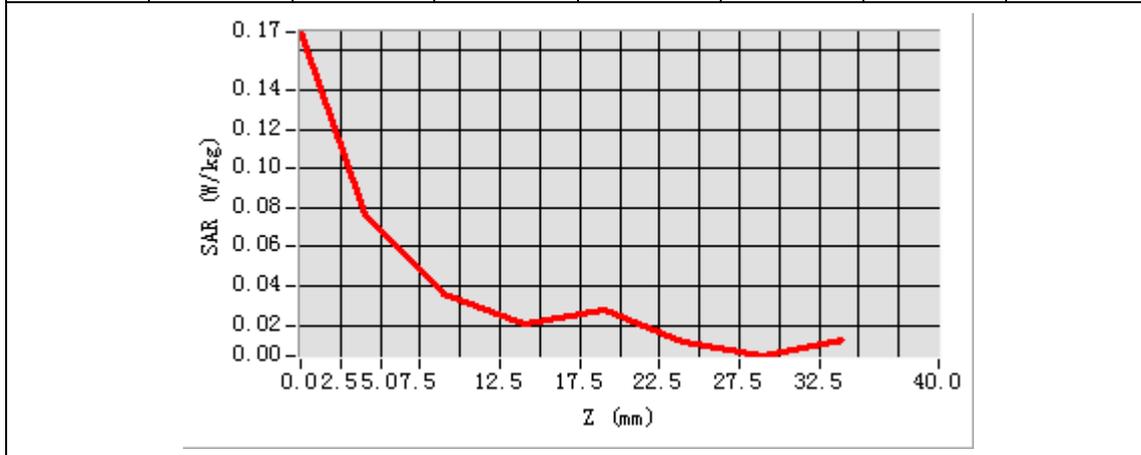


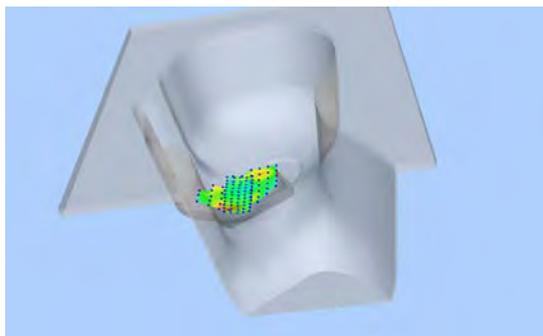
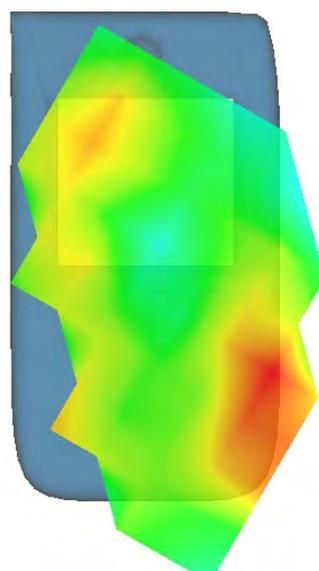
Maximum location: X=-50.00, Y=-60.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.042608
SAR 1g (W/Kg)	0.083605

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1696	0.0770	0.0358	0.0203	0.0282	0.0118	0.0044



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 8**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 21 seconds

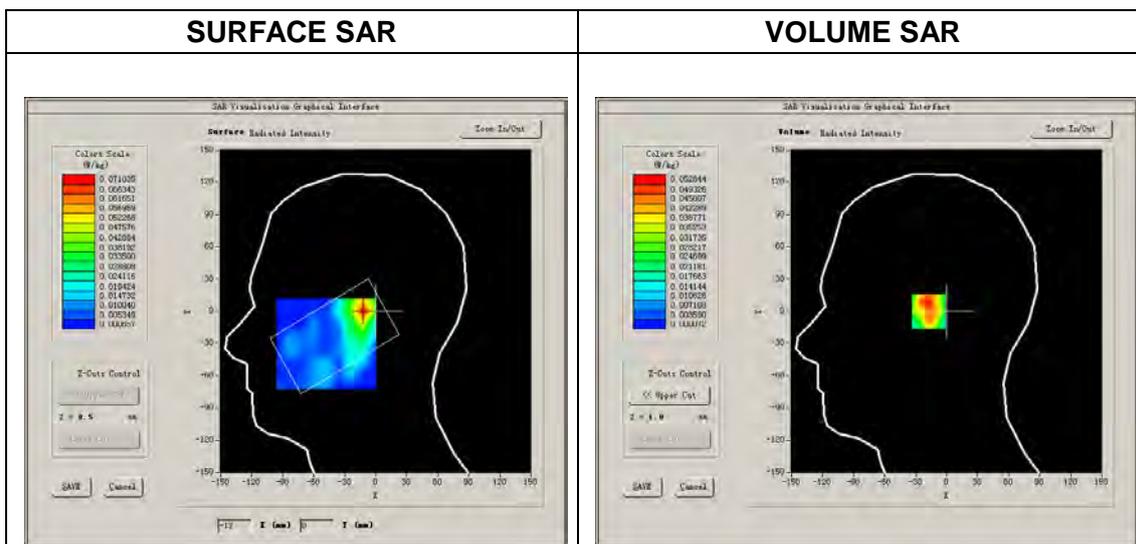
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 513):

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:8

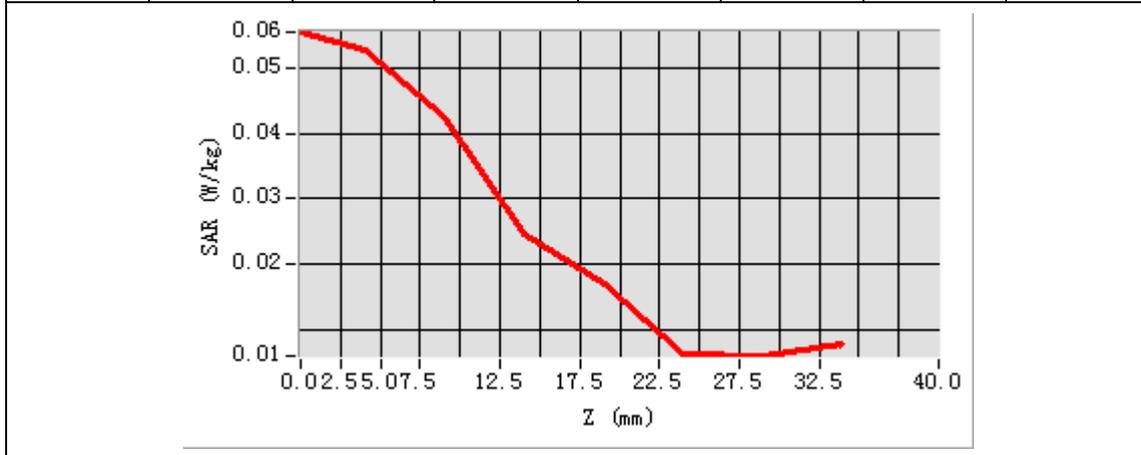


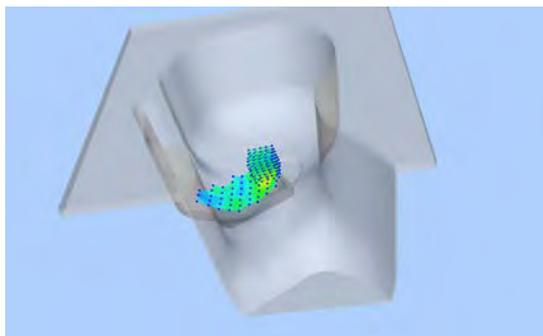
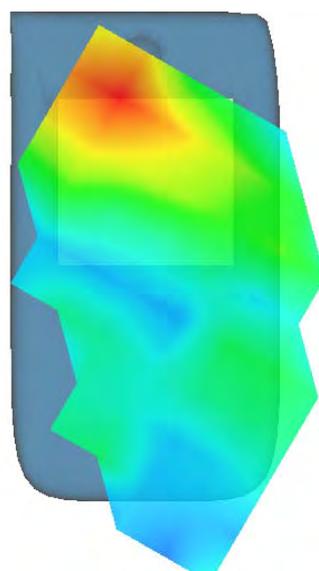
Maximum location: X=-12.00, Y=0.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.030069
SAR 1g (W/Kg)	0.050956

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0555	0.0528	0.0426	0.0247	0.0171	0.0063	0.0060



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 9**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 27 seconds

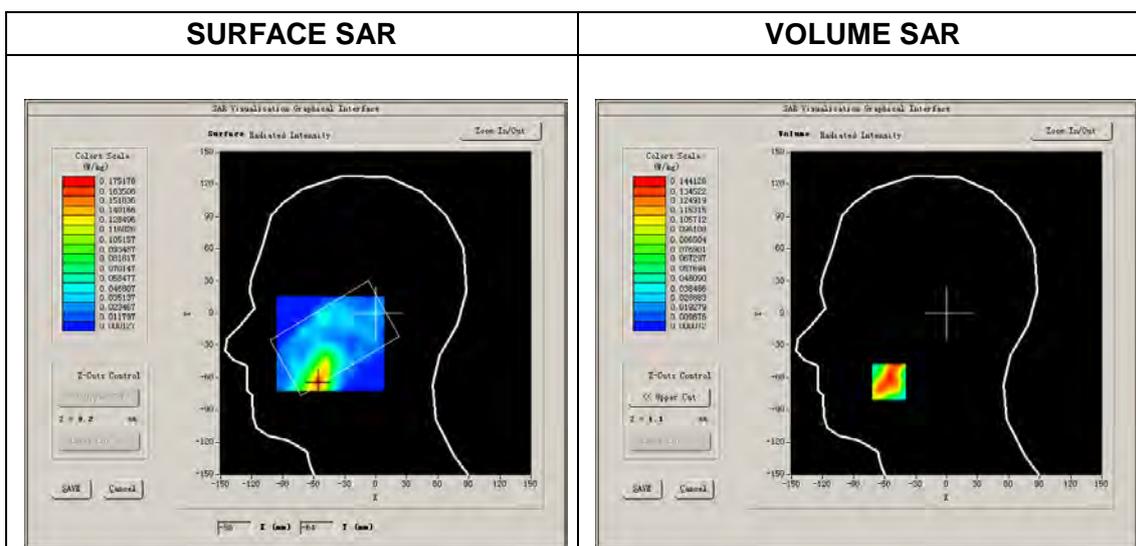
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM1900
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. SAR Measurement Results**

Lower Band SAR (Channel 513):

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:8

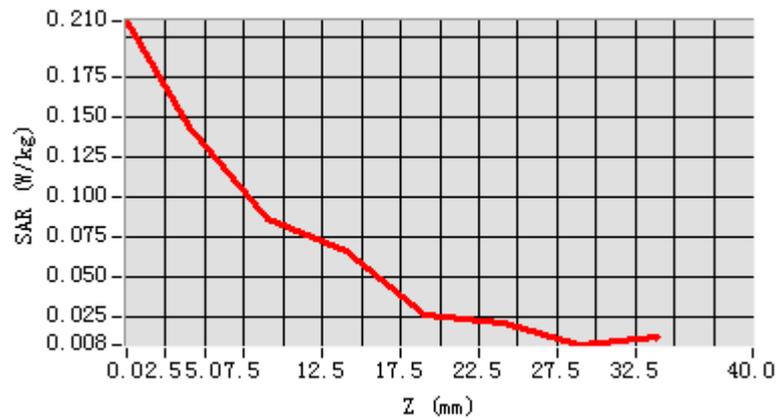


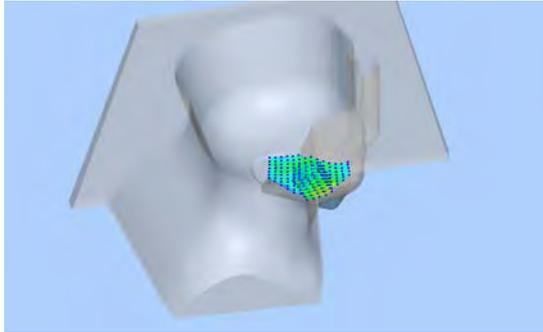
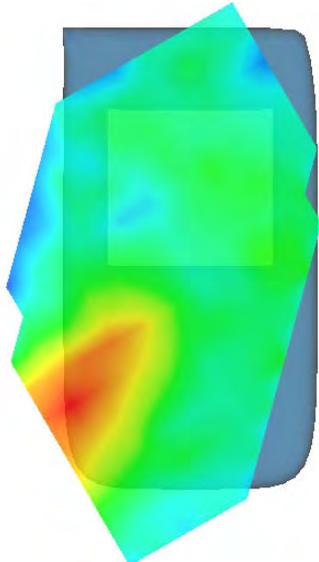
Maximum location: X=-56.00, Y=-64.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.076667
SAR 1g (W/Kg)	0.133297

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2096	0.1441	0.0862	0.0660	0.0266	0.0218	0.0076



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 10**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 19 seconds

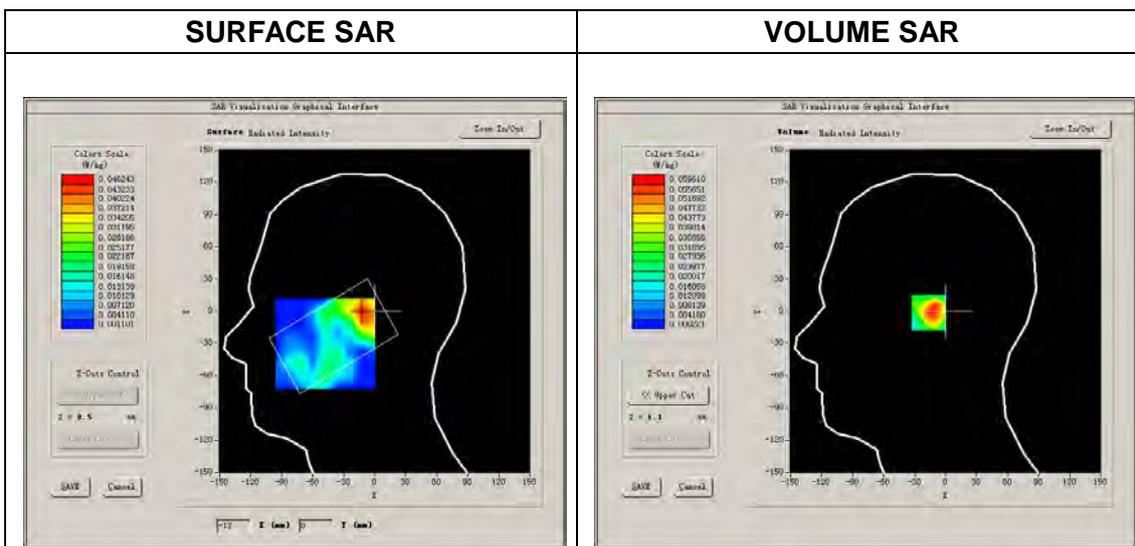
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 513):

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:8

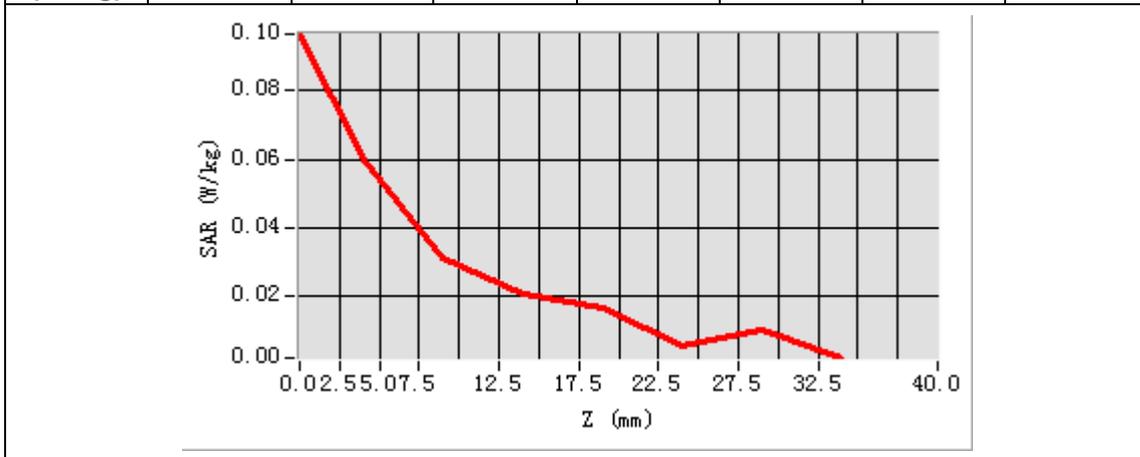


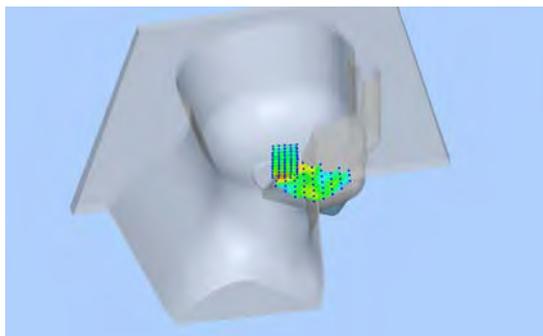
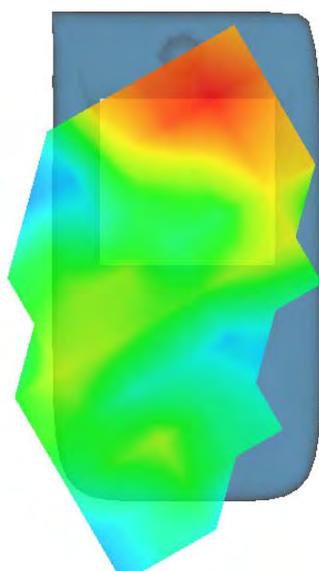
Maximum location: X=-11.00, Y=-1.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.029995
SAR 1g (W/Kg)	0.058770

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0965	0.0596	0.0308	0.0204	0.0163	0.0057	0.0100



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 11**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 7 seconds

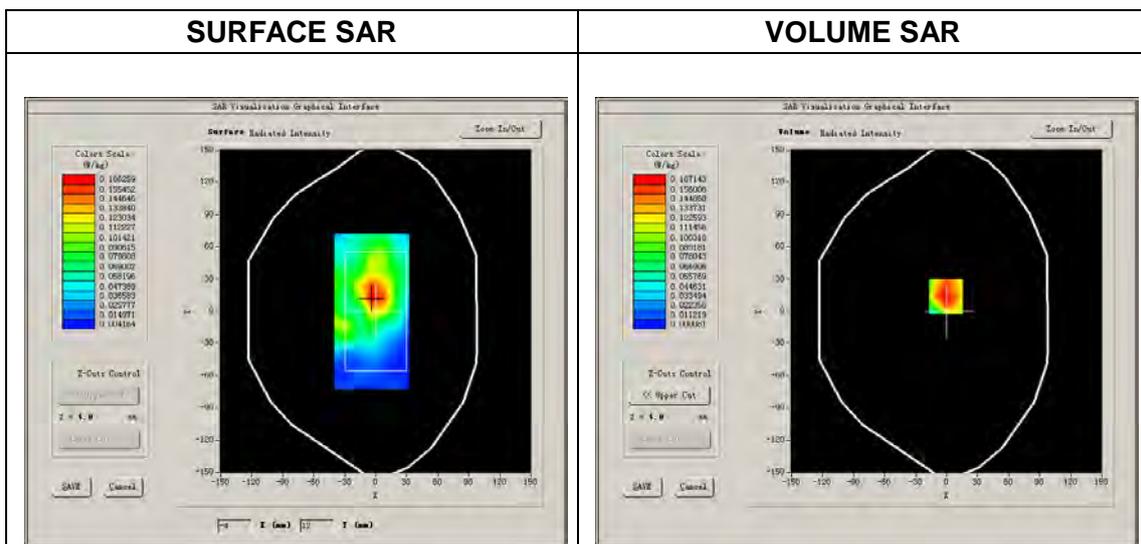
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GSM</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 513):

<b>Frequency (MHz)</b>	1850.000005
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.521111
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:8

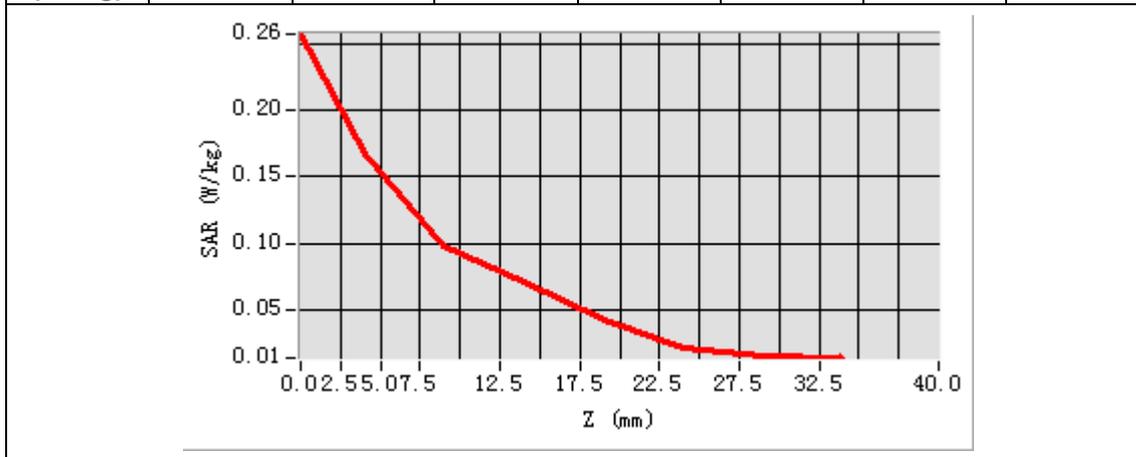


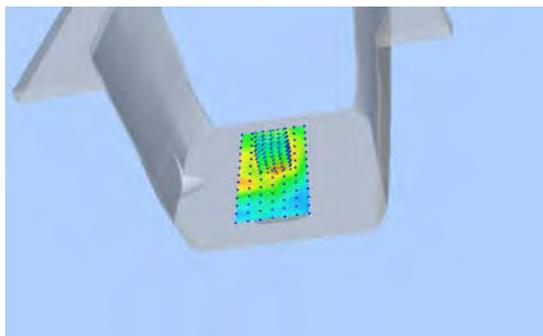
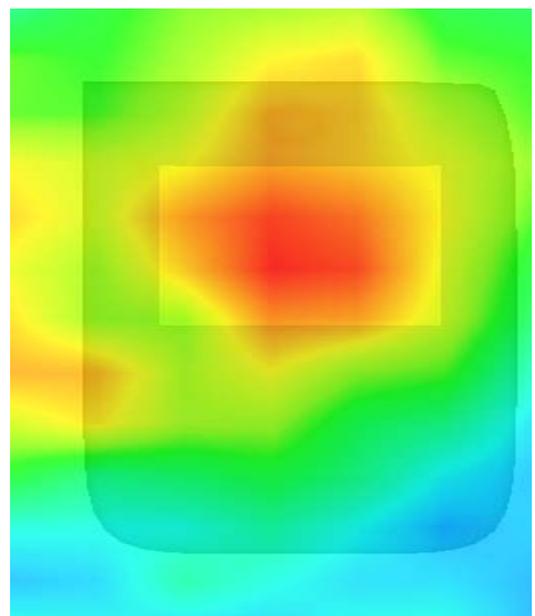
Maximum location: X=-1.00, Y=14.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.093995
SAR 1g (W/Kg)	0.168324

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2582	0.1671	0.0971	0.0700	0.0422	0.0202	0.0146



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 12**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 57 seconds

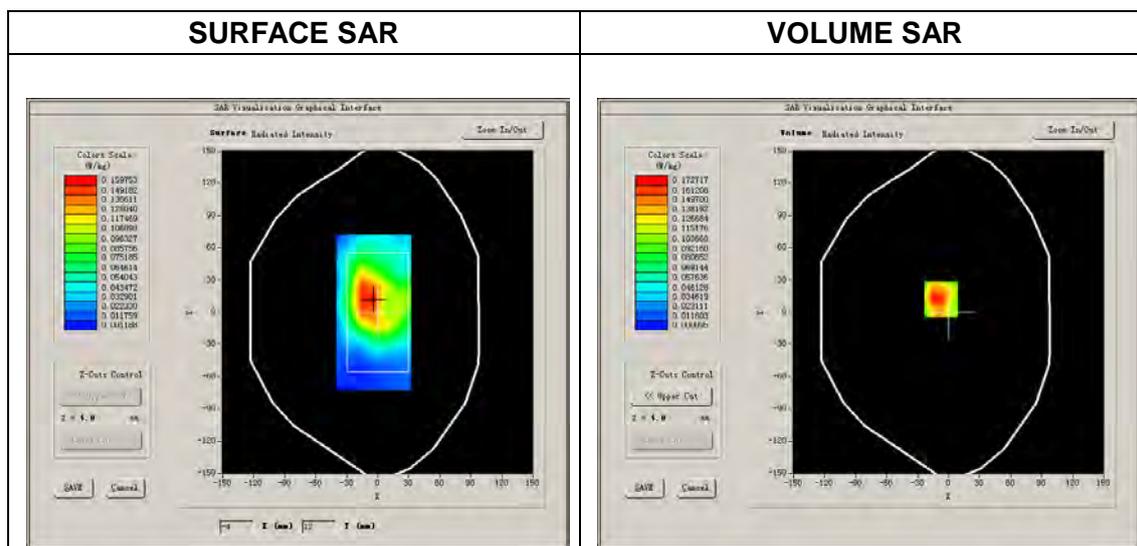
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt, h= 5.00 mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Low
<b>Signal</b>	GSM

**B. SAR Measurement Results**

Lower Band SAR (Channel 513):

<b>Frequency (MHz)</b>	1850.000005
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.521111
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:8

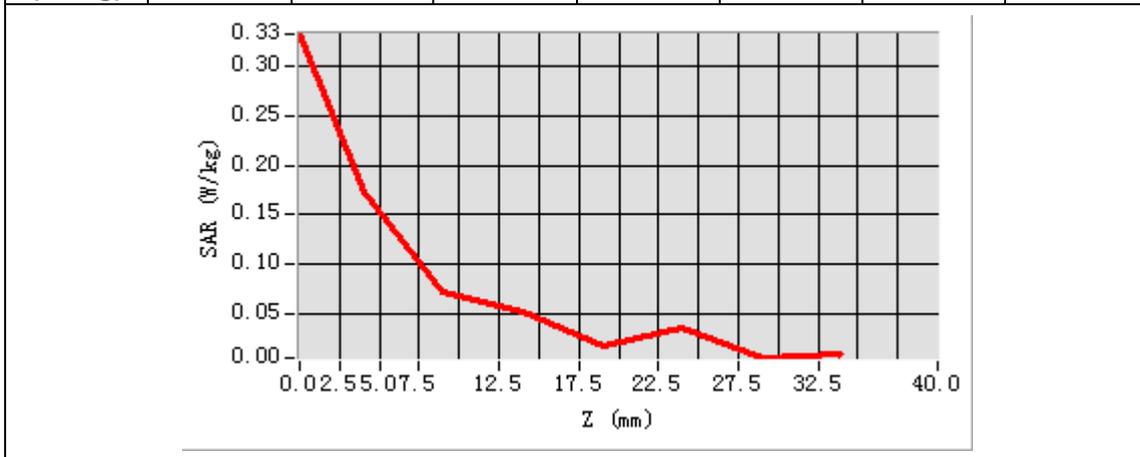


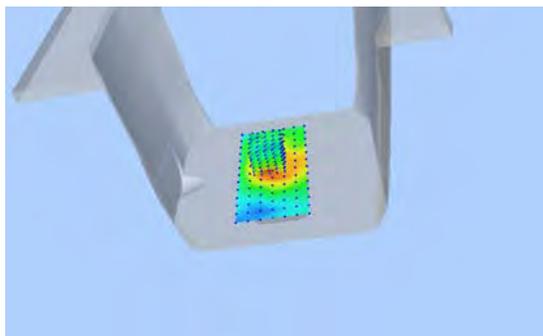
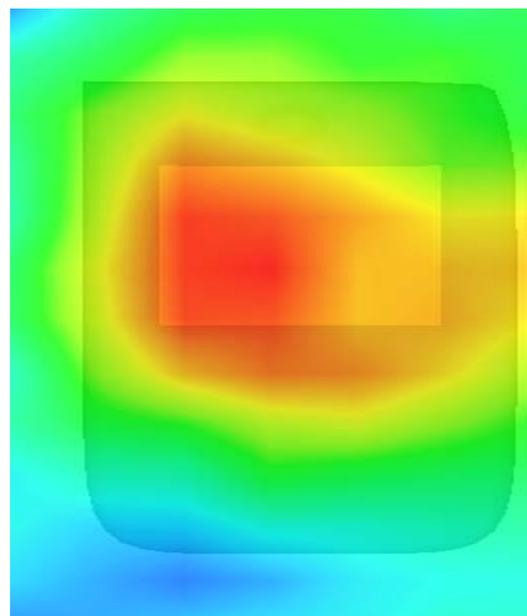
Maximum location: X=-7.00, Y=12.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.090874
SAR 1g (W/Kg)	0.167948

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3335	0.1727	0.0720	0.0511	0.0163	0.0355	0.0044



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 13**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 7 seconds

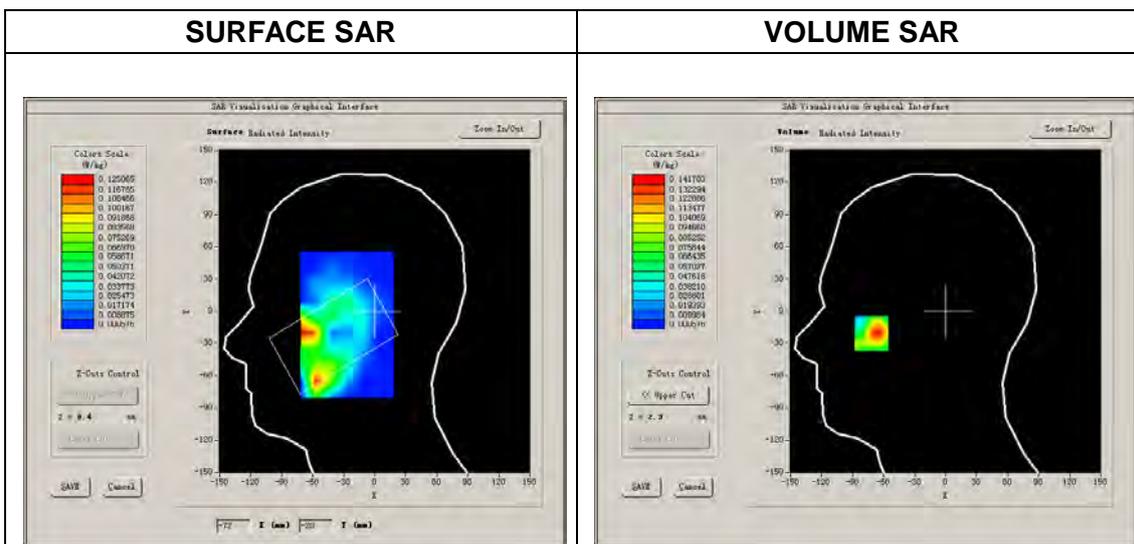
**A. Experimental conditions.**

<b>Phantom File</b>	<u>zinf5.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Right head</u>
<b>Device Position</b>	<u>Cheek</u>
<b>Band</b>	<u>Band2_WCDMA1900</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000024
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.400860
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

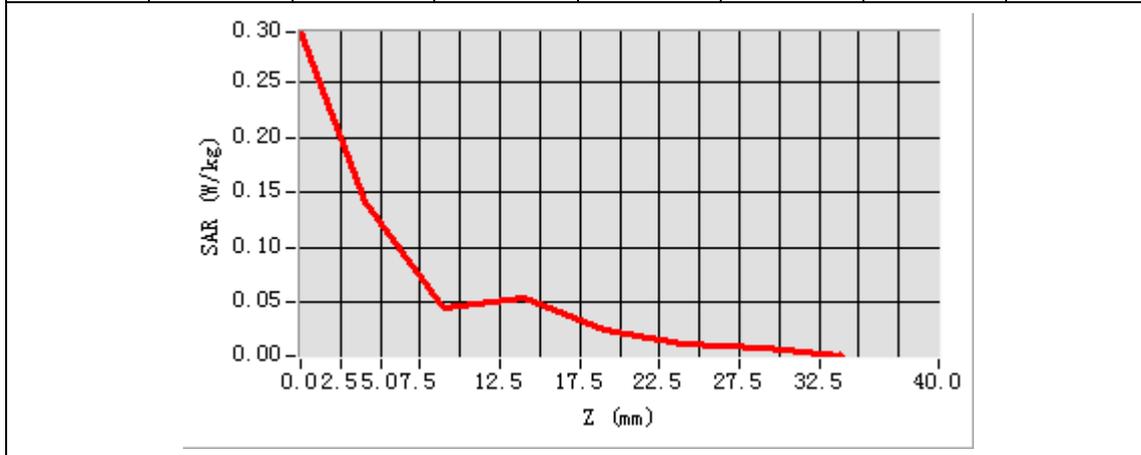


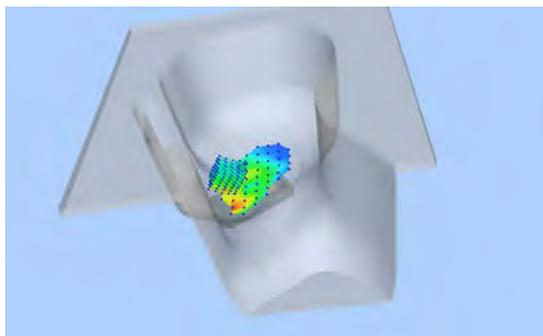
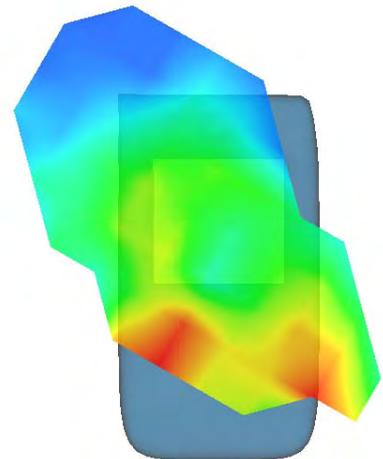
Maximum location: X=-72.00, Y=-19.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.071588
SAR 1g (W/Kg)	0.133014

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2959	0.1417	0.0455	0.0529	0.0251	0.0124	0.0089



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 14**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 59 seconds

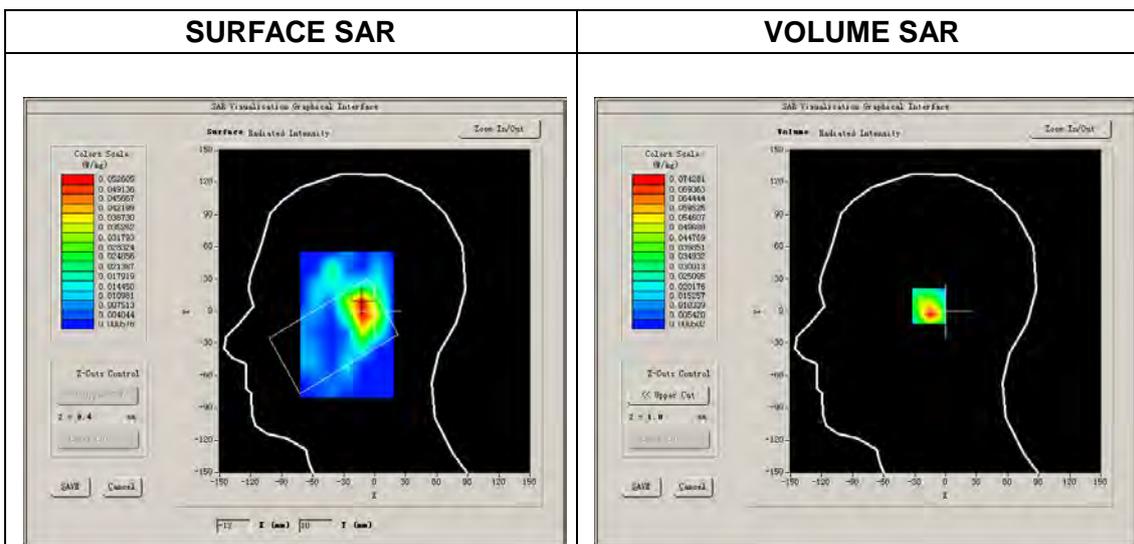
**A. Experimental conditions.**

<b>Phantom File</b>	<u>zinf5.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Right head</u>
<b>Device Position</b>	<u>Tilt</u>
<b>Band</b>	<u>Band2_WCDMA1900</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000024
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.400860
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

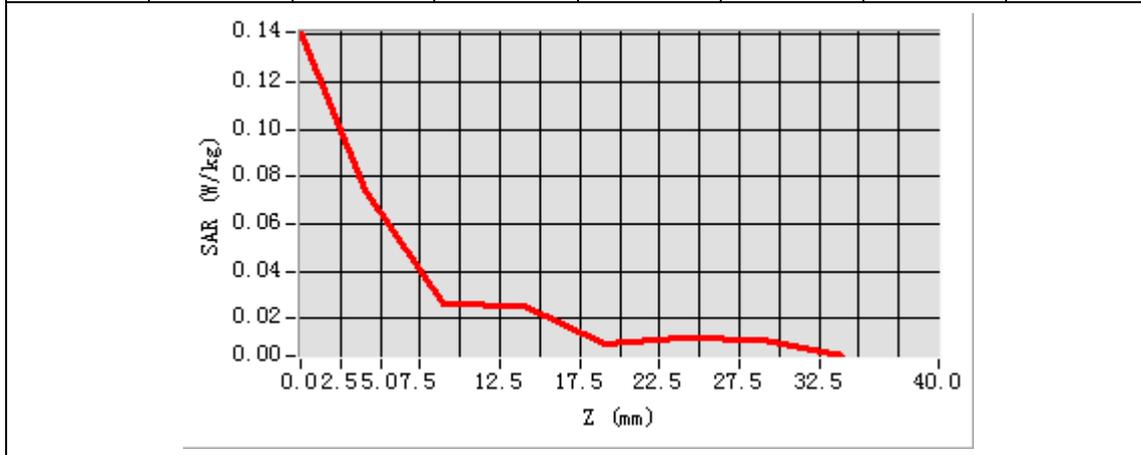


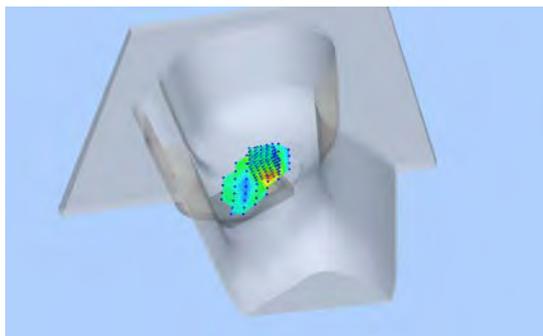
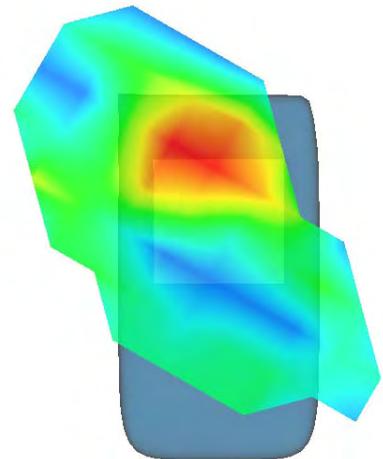
Maximum location: X=-12.00, Y=5.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.033374
SAR 1g (W/Kg)	0.069849

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1411	0.0743	0.0260	0.0252	0.0091	0.0116	0.0112



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 15**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 9 seconds

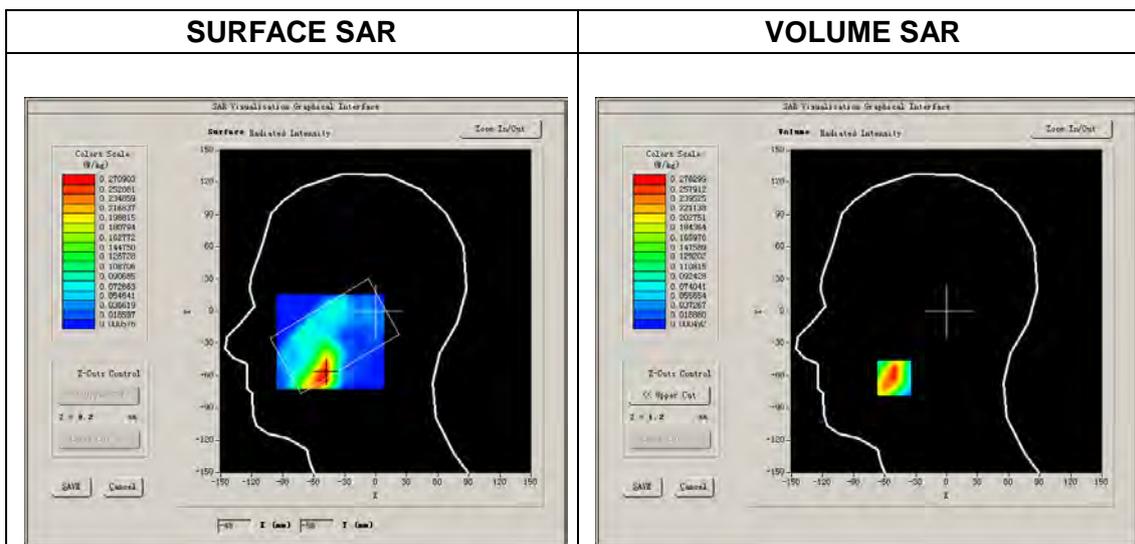
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt</u>
<b>Phantom</b>	<u>Left head</u>
<b>Device Position</b>	<u>Cheek</u>
<b>Band</b>	<u>Band2_WCDMA1900</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000024
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.400860
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

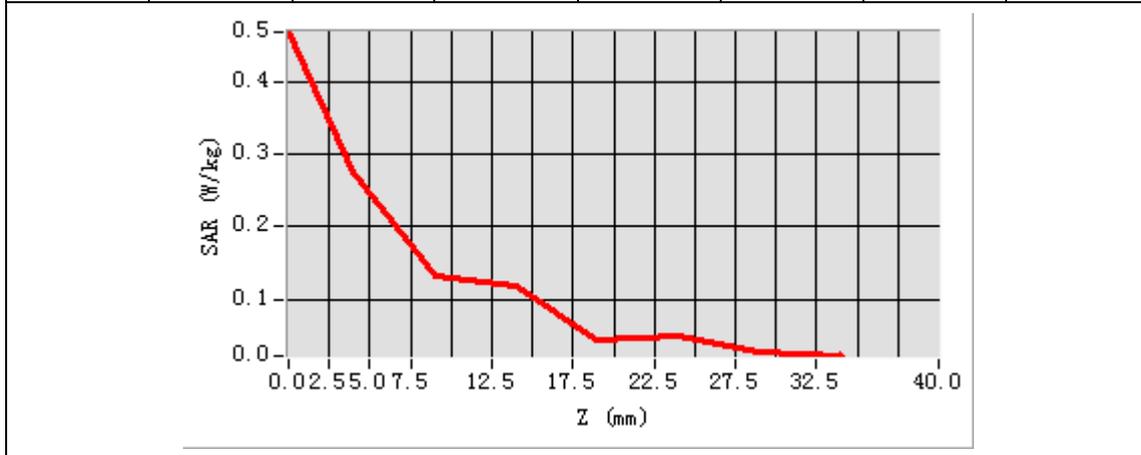


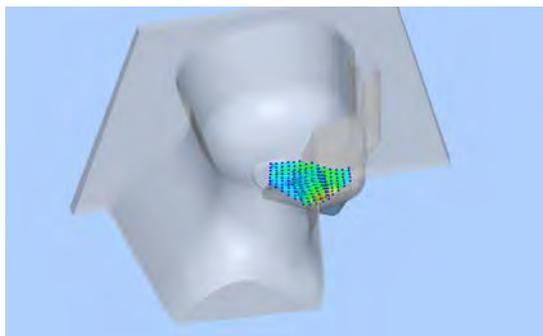
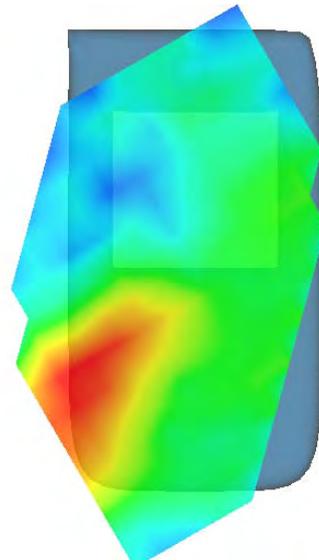
Maximum location: X=-51.00, Y=-62.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.140602
SAR 1g (W/Kg)	0.254213

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4687	0.2763	0.1309	0.1185	0.0434	0.0502	0.0268



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 16**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 49 seconds

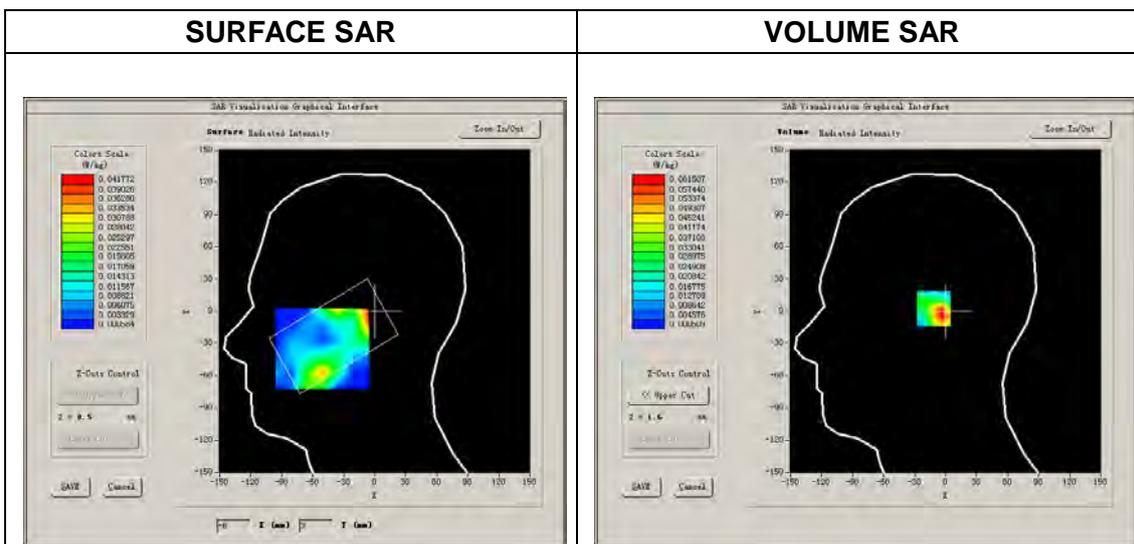
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	Band2_WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	WCDMA (Crest factor: 1.0)

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000024
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.400860
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

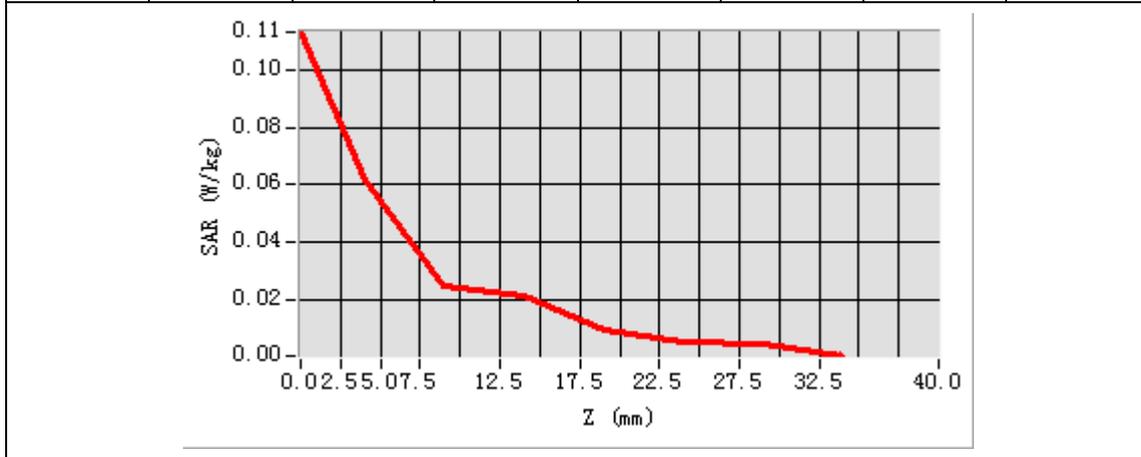


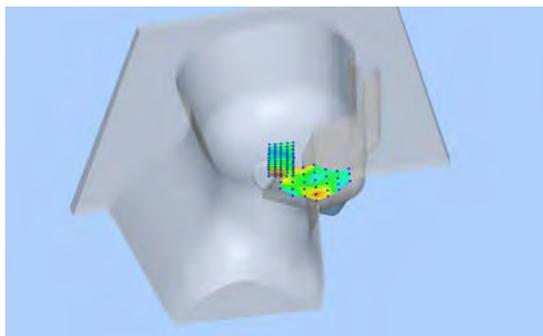
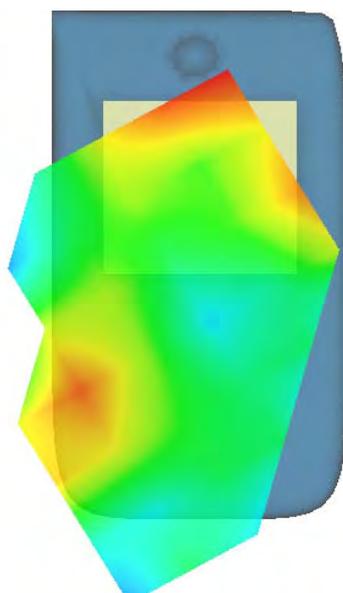
Maximum location: X=-6.00, Y=3.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.028783
SAR 1g (W/Kg)	0.058191

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1130	0.0615	0.0247	0.0217	0.0094	0.0055	0.0050



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 17**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 12 seconds

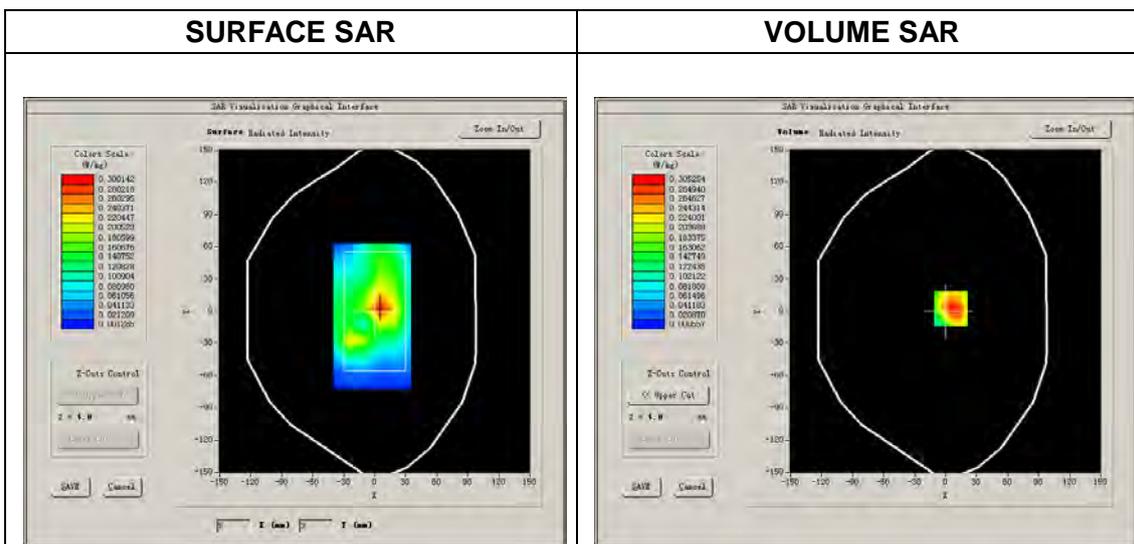
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</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>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.520711
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

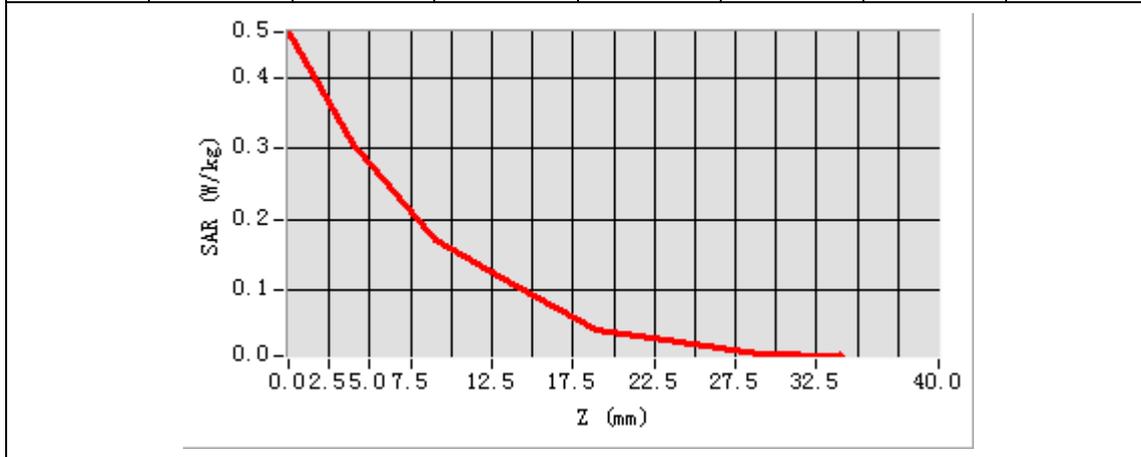


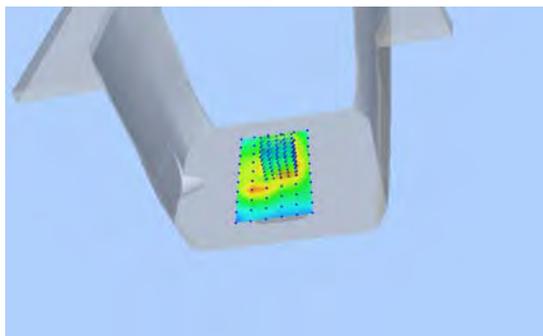
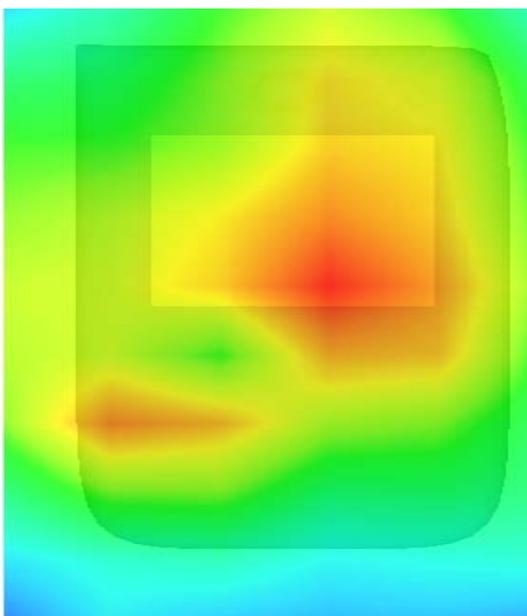
Maximum location: X=5.00, Y=3.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.158196
SAR 1g (W/Kg)	0.289257

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4639	0.3053	0.1693	0.1045	0.0440	0.0265	0.0108



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 18**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 34 seconds

**A. Experimental conditions.**

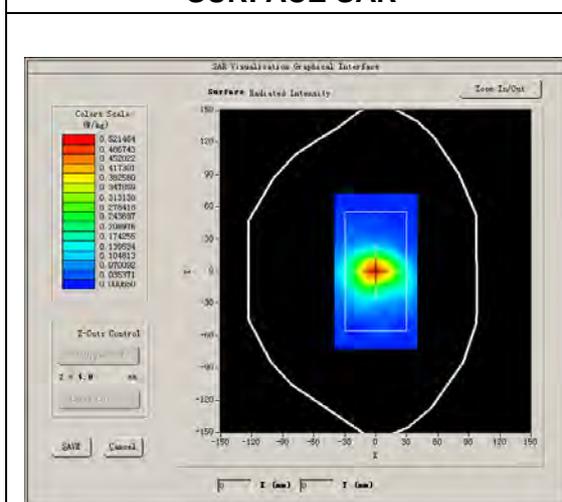
<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2_WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

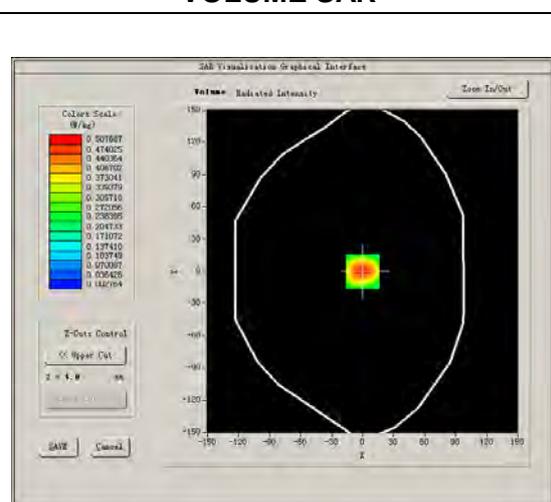
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.520711
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

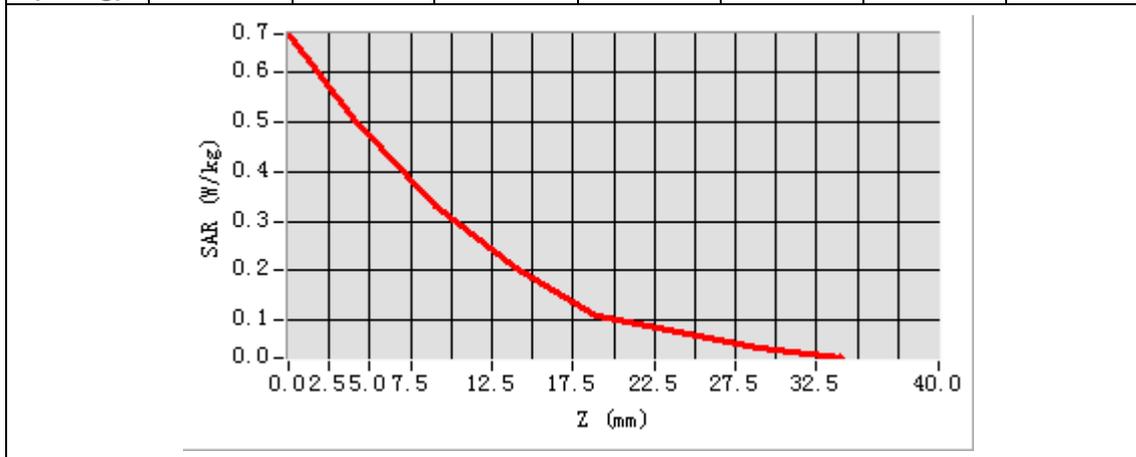


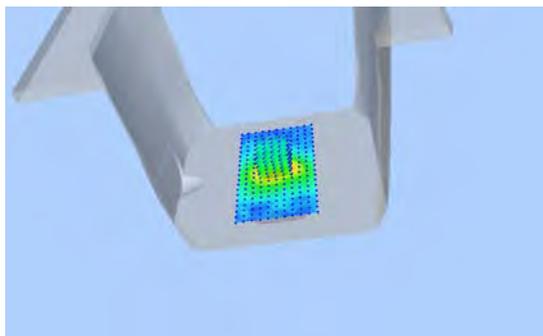
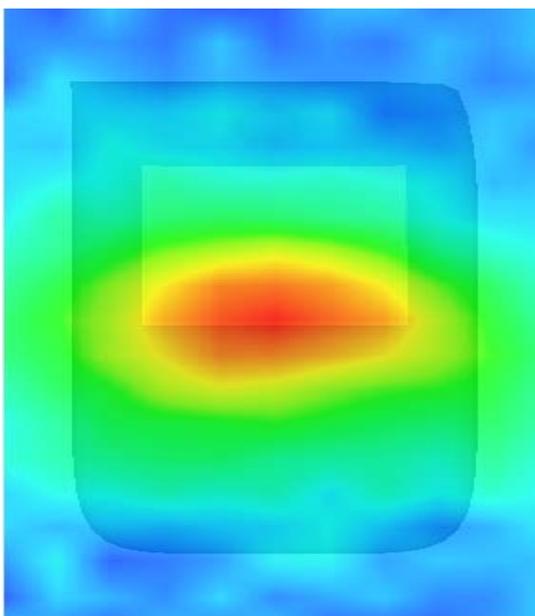
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.263905
SAR 1g (W/Kg)	0.469528

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6759	0.5077	0.3286	0.2055	0.1082	0.0757	0.0454



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 19**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 12 seconds

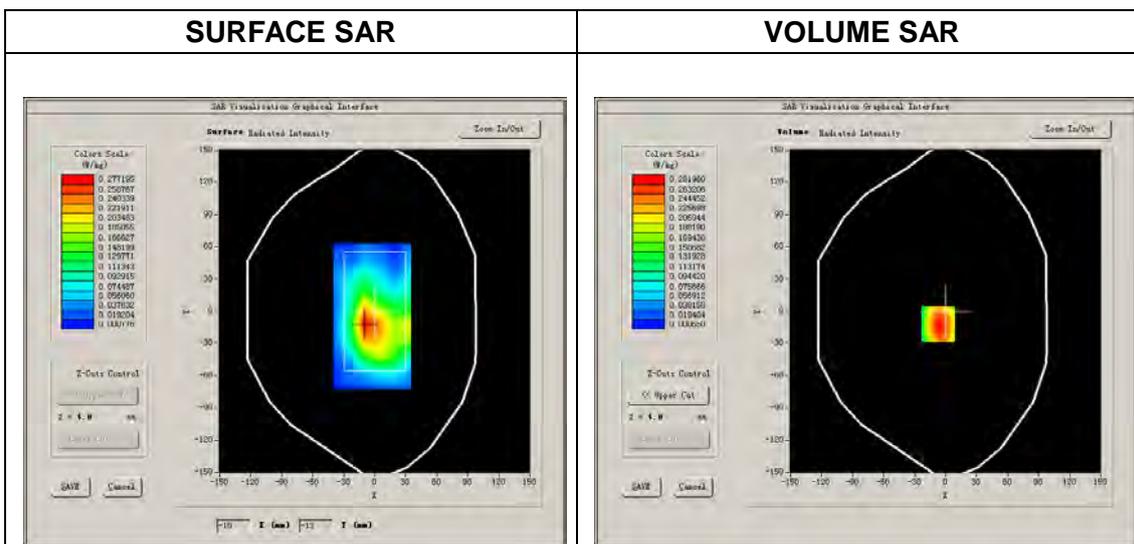
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</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>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.520711
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

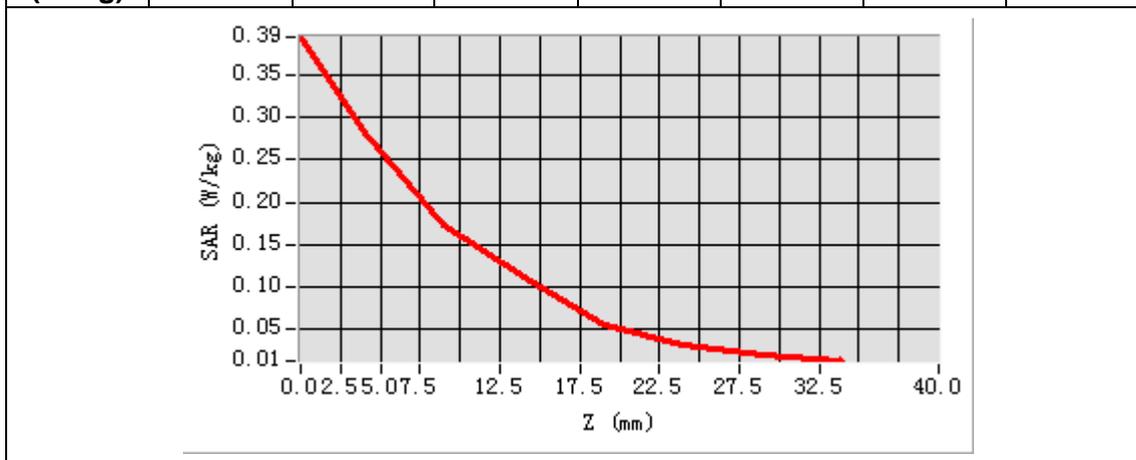


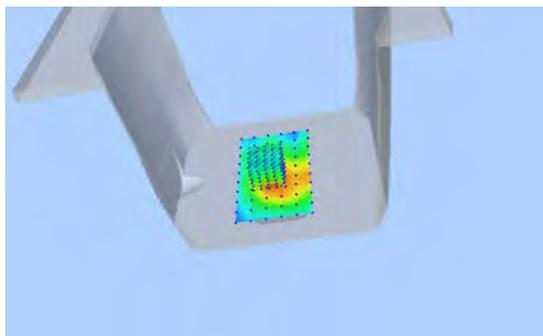
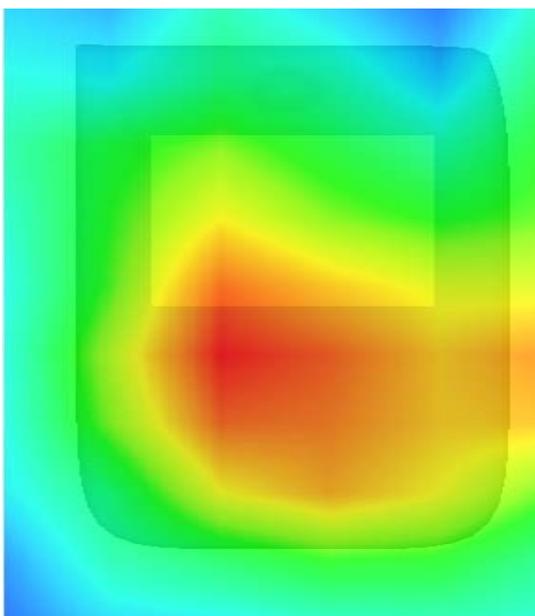
Maximum location: X=-7.00, Y=-12.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.154354
SAR 1g (W/Kg)	0.270108

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3949	0.2820	0.1721	0.1113	0.0541	0.0305	0.0189



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 20**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 1 seconds

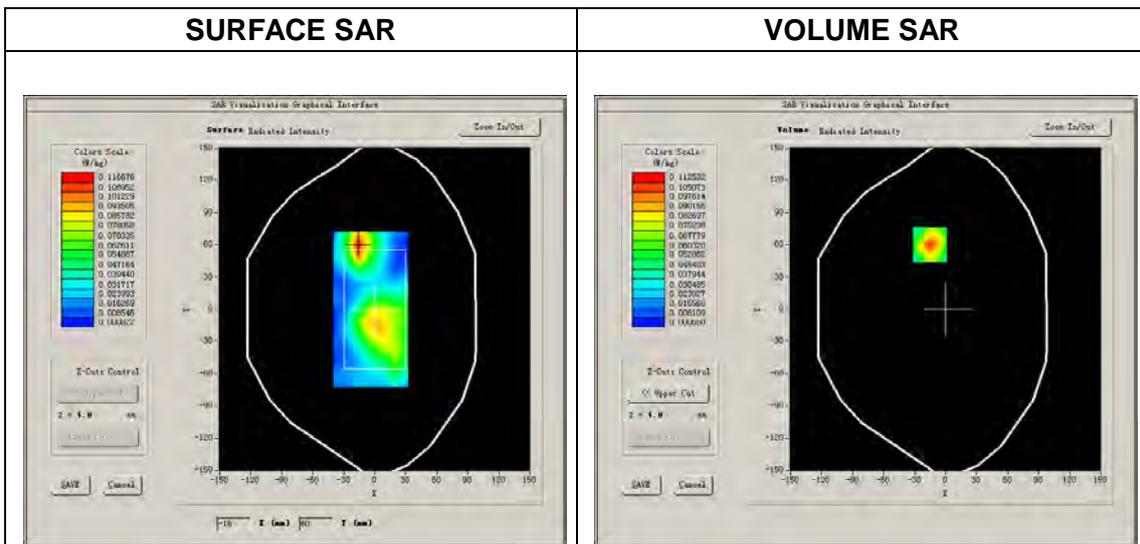
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>Band2_WCDMA1900</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.520711
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

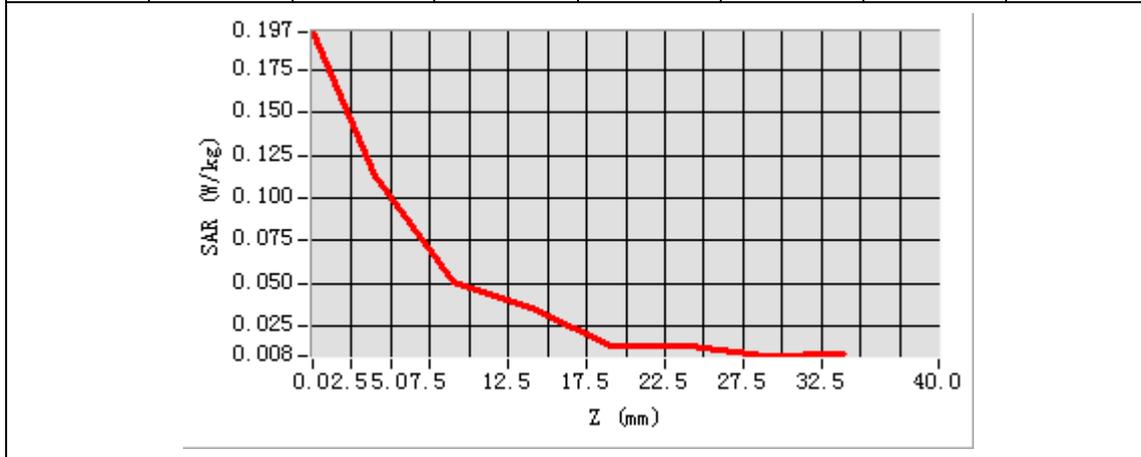


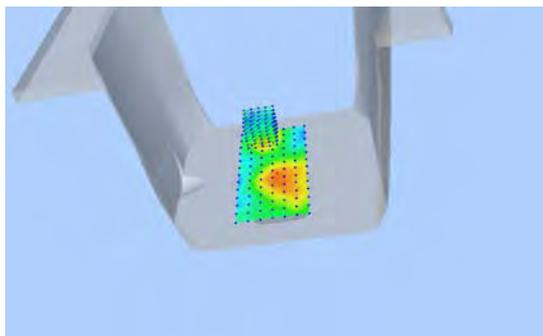
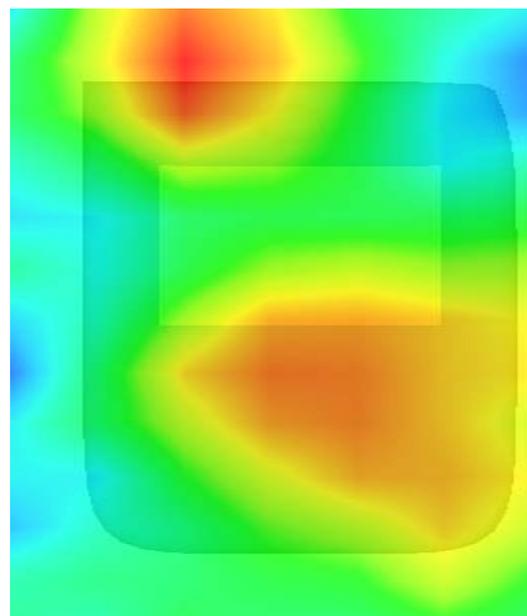
Maximum location: X=-15.00, Y=60.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.050898
SAR 1g (W/Kg)	0.103269

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1972	0.1125	0.0511	0.0358	0.0133	0.0140	0.0076



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 21**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 57 seconds

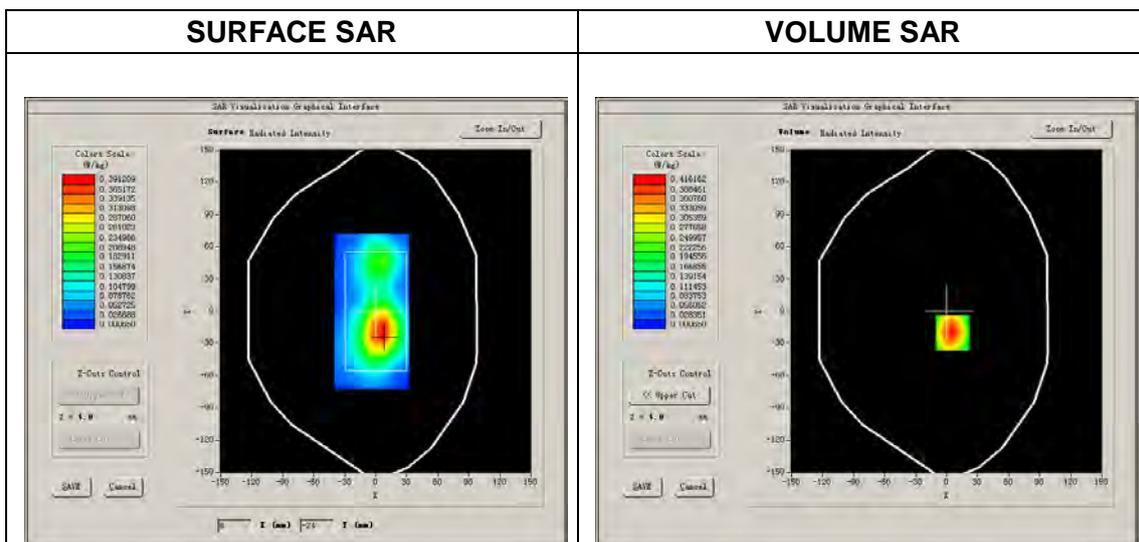
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>Band2_WCDMA1900</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.285167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	1.520711
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

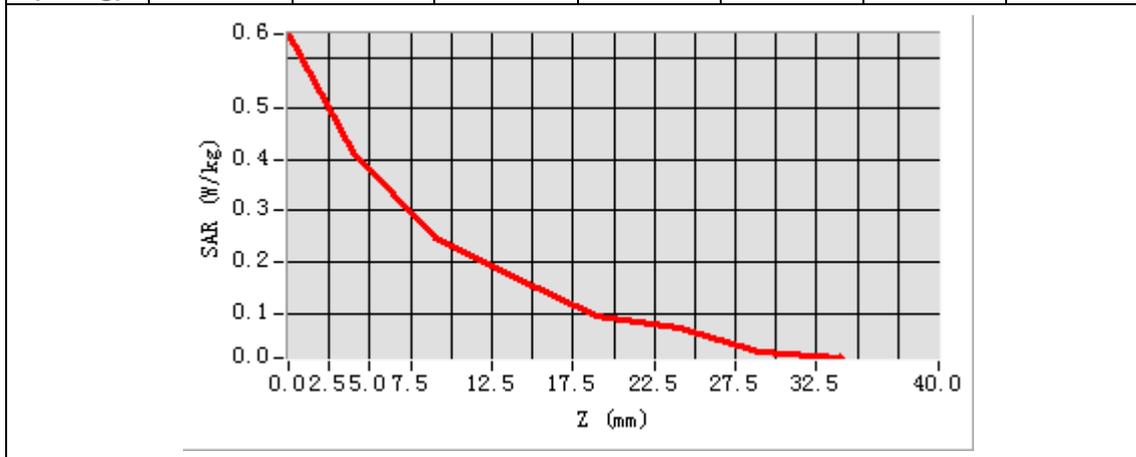


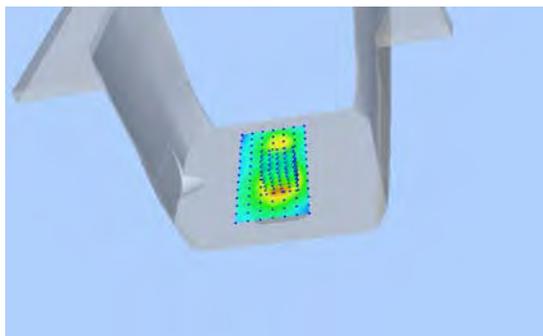
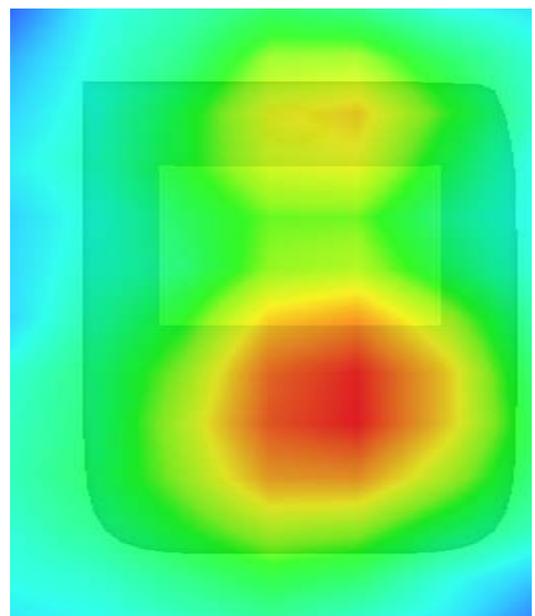
Maximum location: X=6.00, Y=-20.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.224538
SAR 1g (W/Kg)	0.398976

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6455	0.4162	0.2453	0.1692	0.0953	0.0690	0.0232



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 22**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 10 seconds

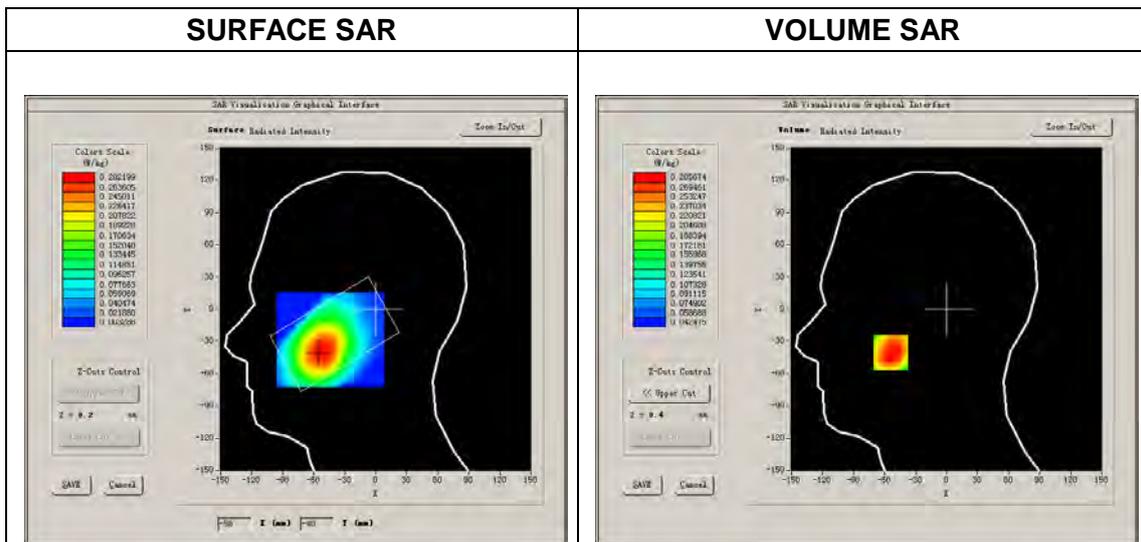
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	Band5_WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	WCDMA (Crest factor: 1.0)

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	1.253453
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:1

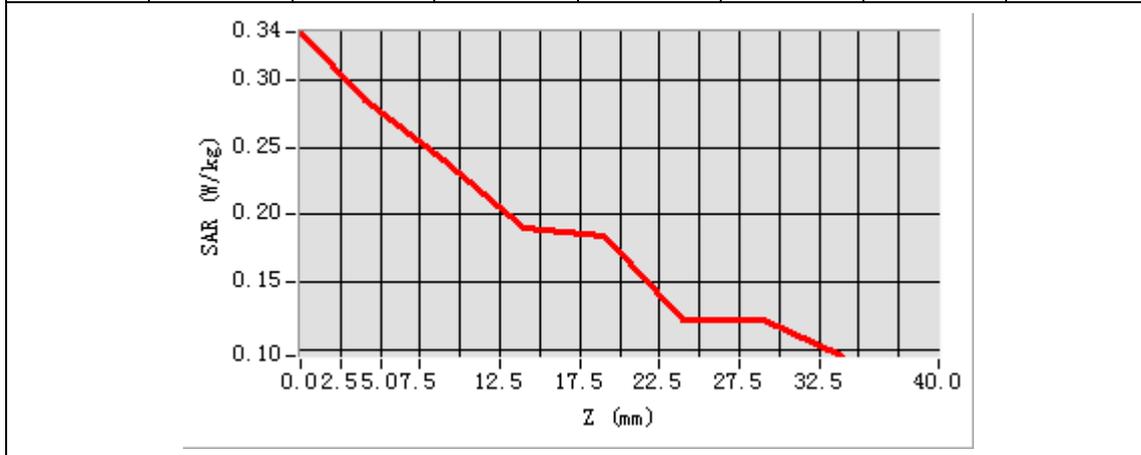


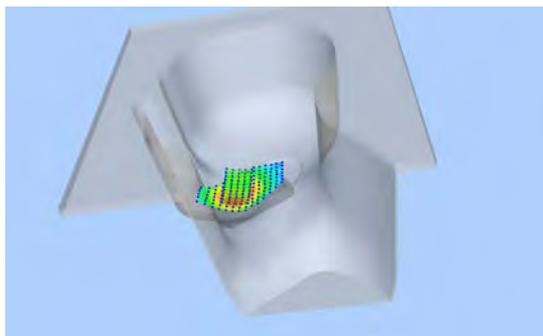
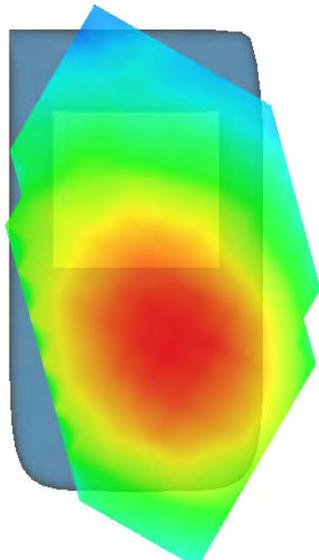
Maximum location: X=-54.00, Y=-40.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.222653
SAR 1g (W/Kg)	0.288987

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3360	0.2857	0.2402	0.1908	0.1846	0.1213	0.1214



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 23**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 49 seconds

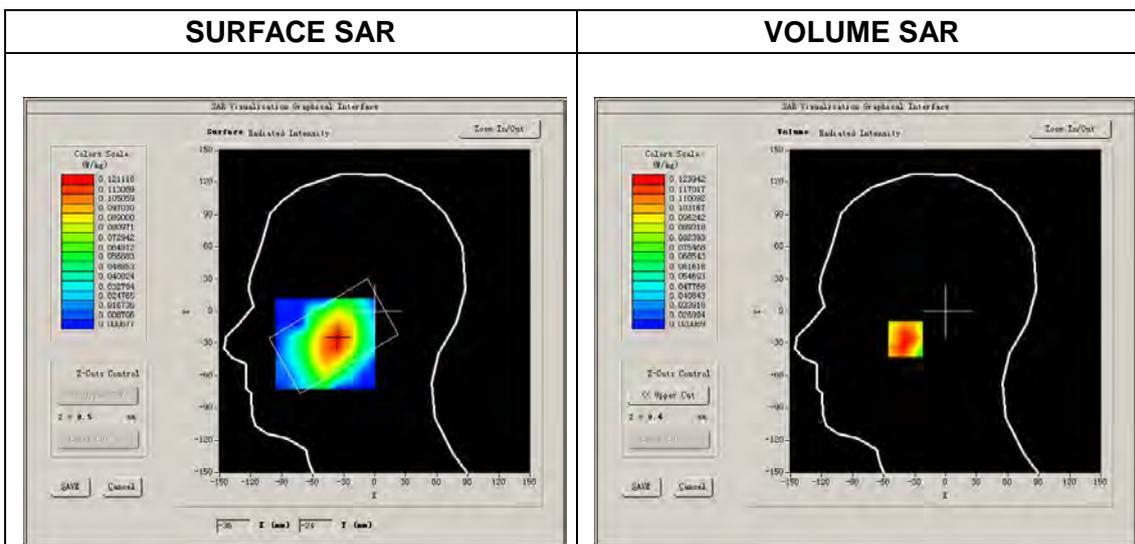
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	Band5_WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	WCDMA (Crest factor: 1.0)

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	1.253453
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:1

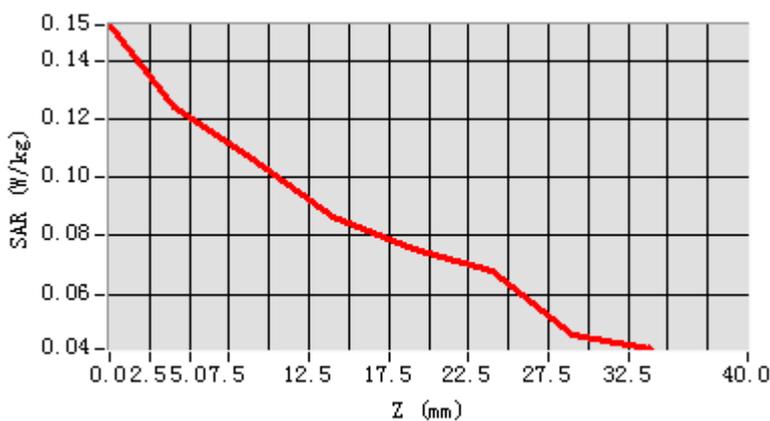


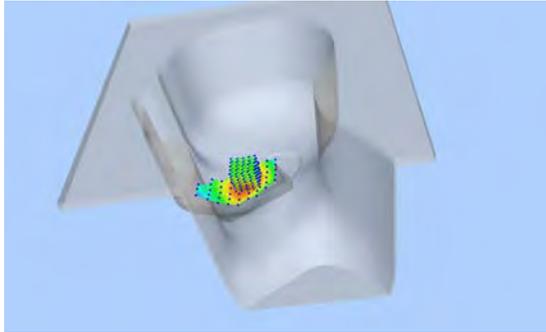
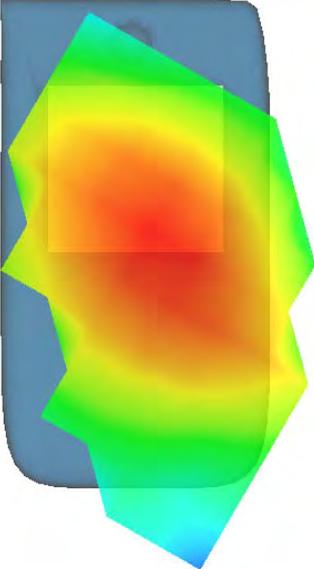
Maximum location: X=-37.00, Y=-26.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.094001
SAR 1g (W/Kg)	0.124859

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1522	0.1239	0.1066	0.0865	0.0757	0.0677	0.0458



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 24**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 1 seconds

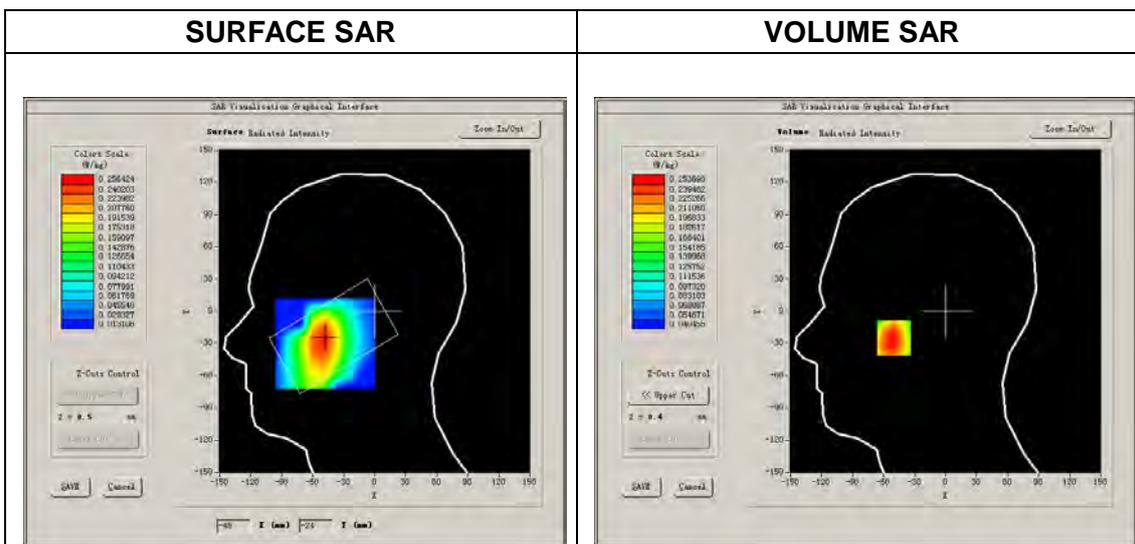
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	Band5_WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	WCDMA (Crest factor: 1.0)

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	1.253453
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:1

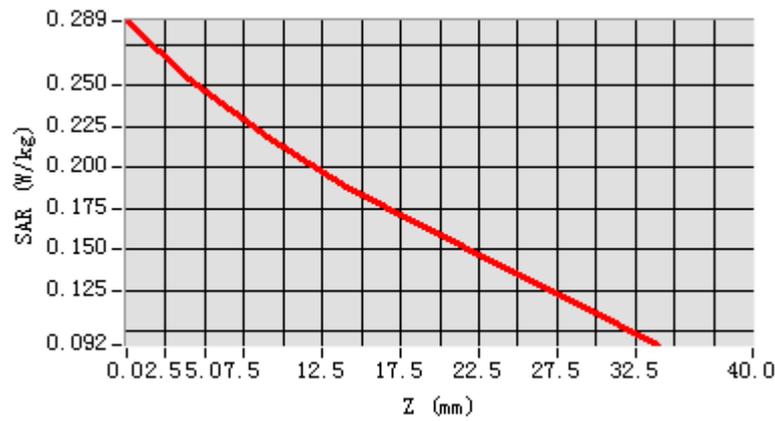


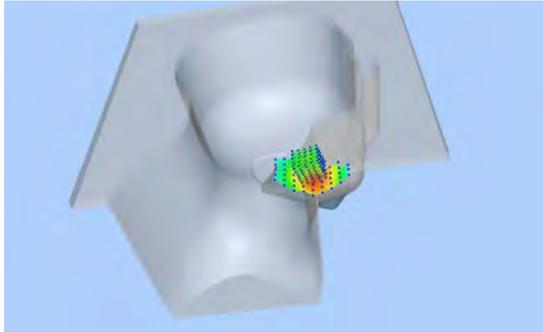
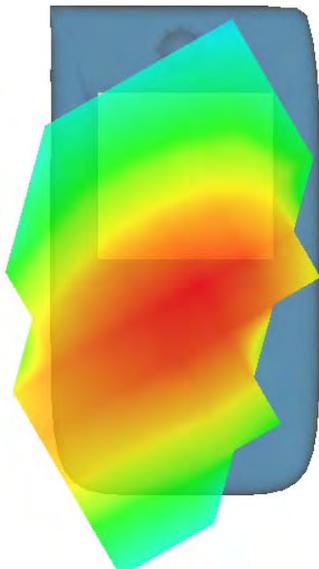
Maximum location: X=-50.00, Y=-25.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.197215
SAR 1g (W/Kg)	0.246848

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2890	0.2537	0.2182	0.1880	0.1635	0.1392	0.1160



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 25**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 43 seconds

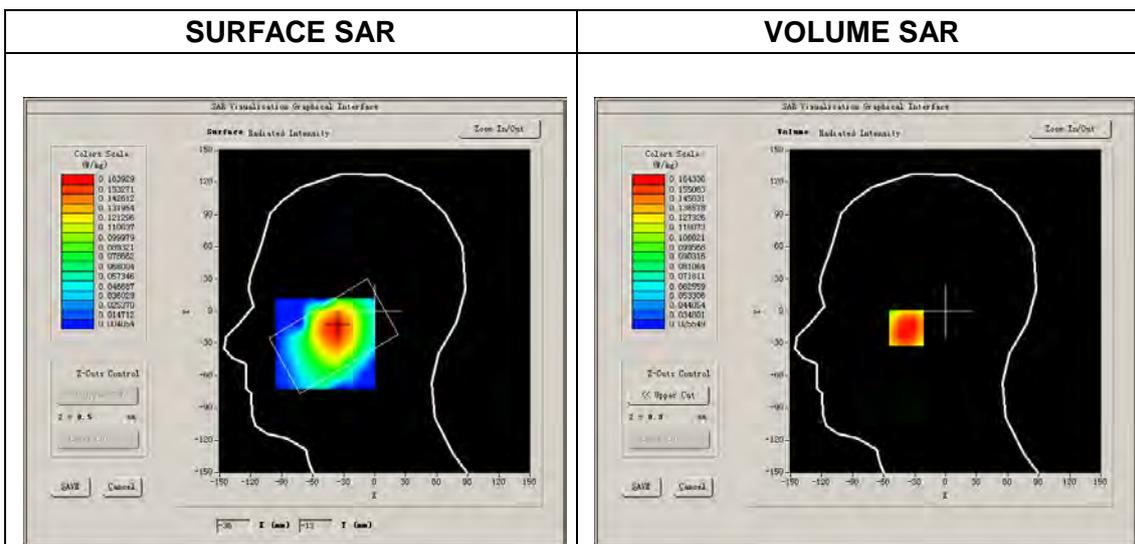
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	Band5_WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	WCDMA (Crest factor: 1.0)

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	41.182291
<b>Conductivity (S/m)</b>	0.891718
<b>Power drift (%)</b>	1.253453
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.13
<b>Crest factor:</b>	1:1

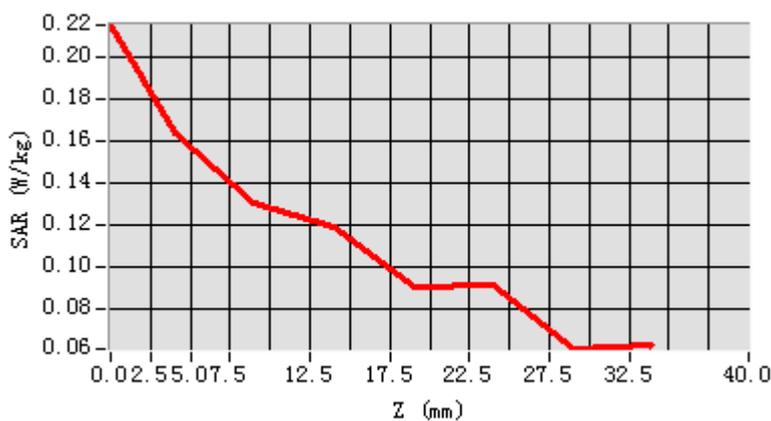


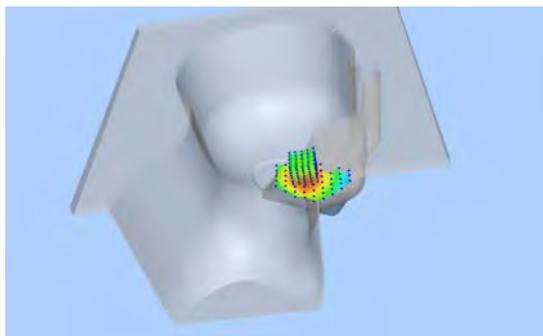
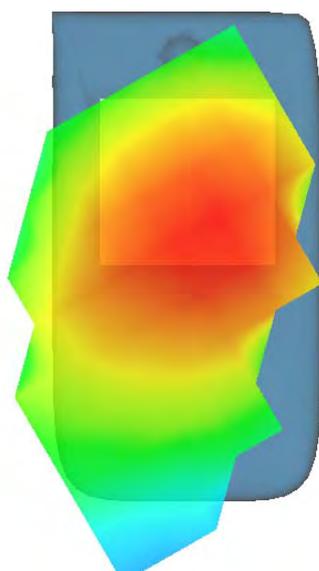
Maximum location: X=-38.00, Y=-15.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.128294
SAR 1g (W/Kg)	0.165085

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2153	0.1643	0.1310	0.1196	0.0909	0.0913	0.0613



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 26**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 36 seconds

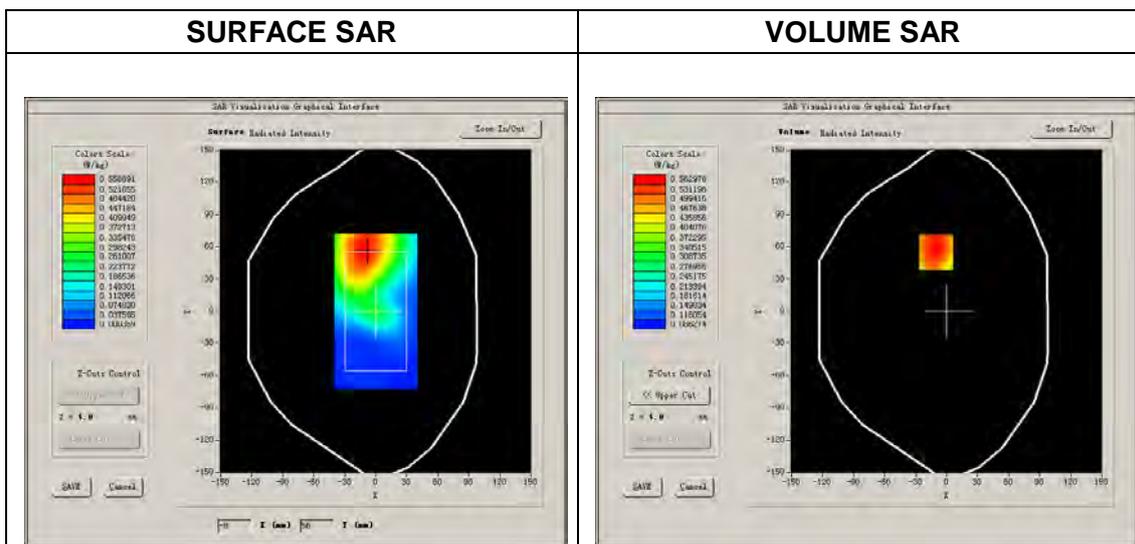
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>Band5_WCDMA850</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	0.971708
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:1

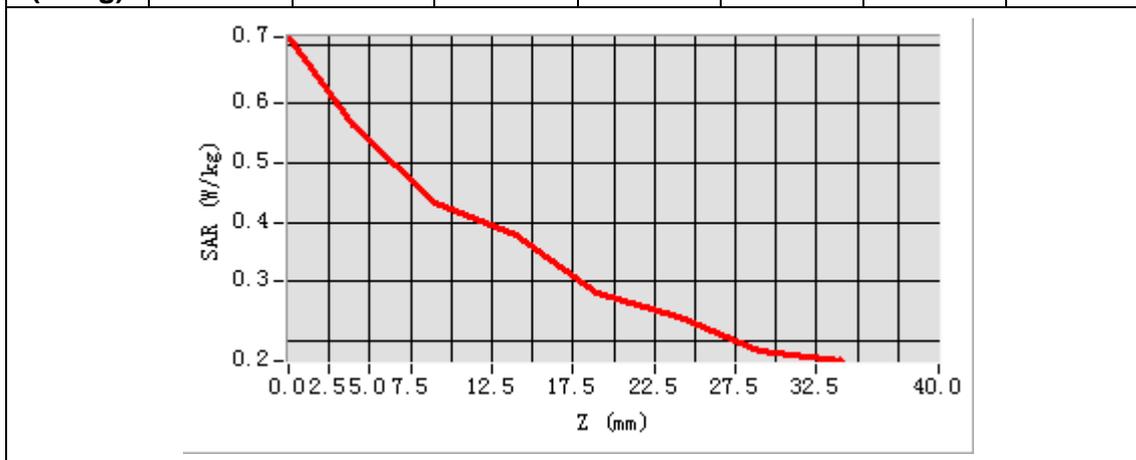


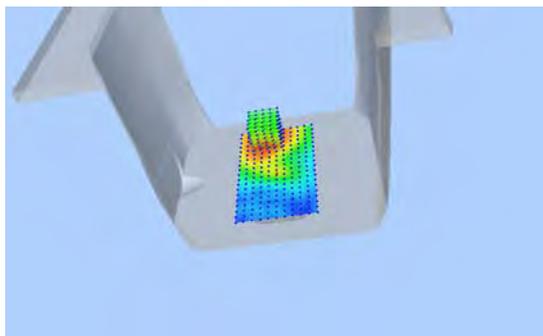
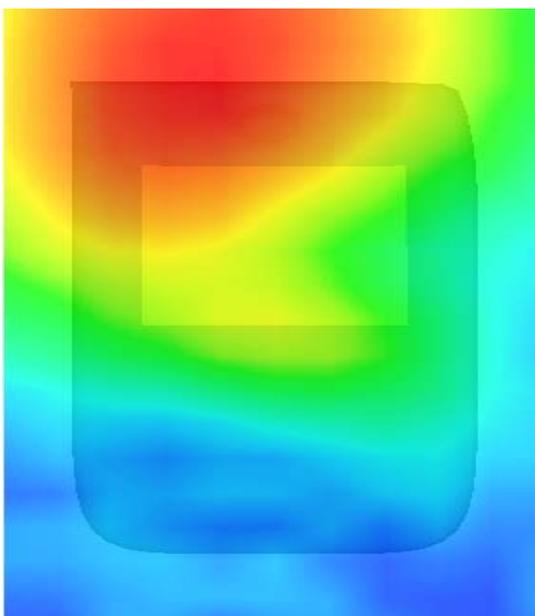
Maximum location: X=-10.00, Y=55.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.423579
SAR 1g (W/Kg)	0.553439

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7133	0.5630	0.4328	0.3768	0.2796	0.2392	0.1818



3D screen shot	Hot spot position
	



**MEASUREMENT 27**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 0 seconds

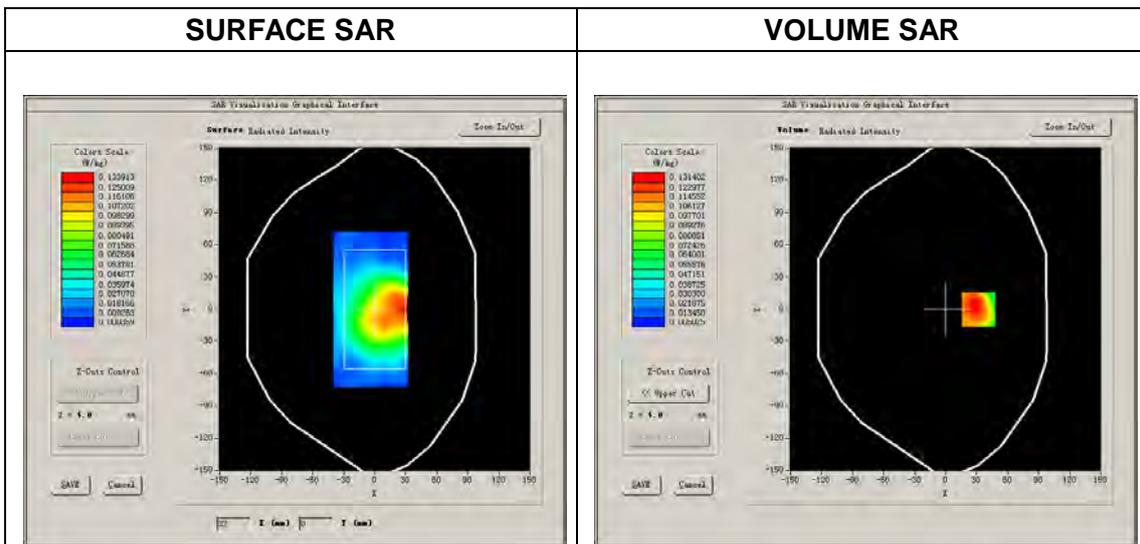
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>Band5_WCDMA850</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	0.971708
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:1

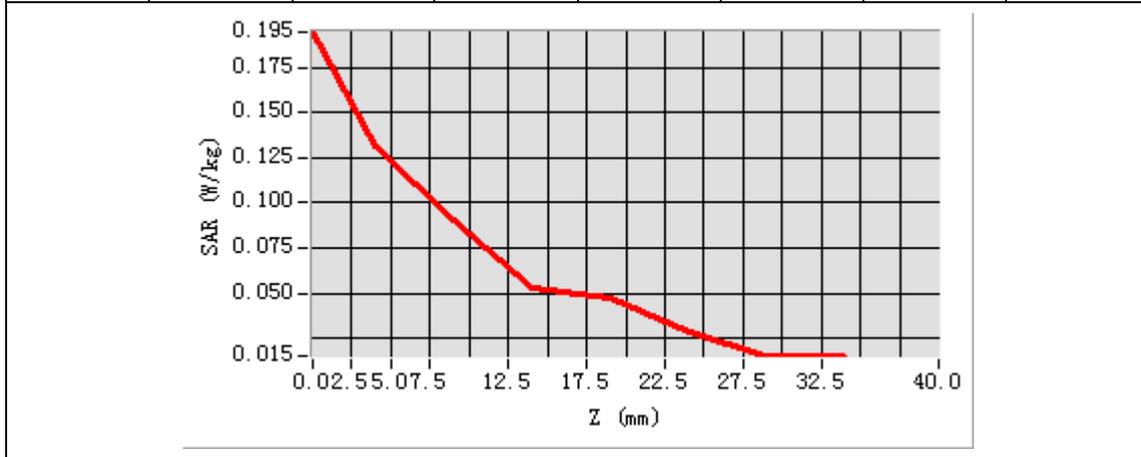


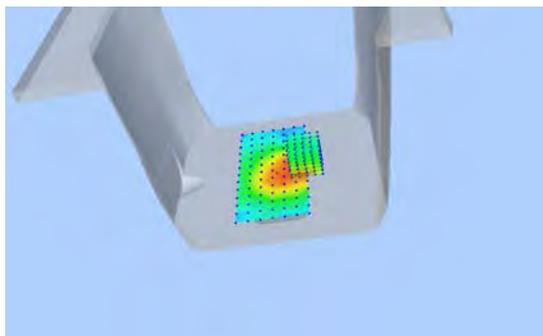
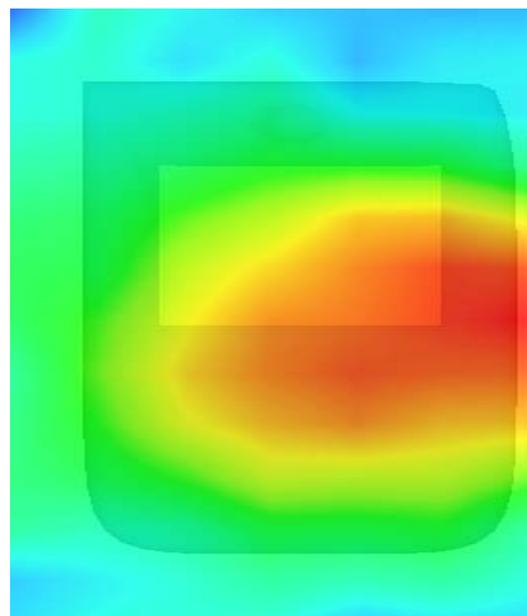
Maximum location: X=32.00, Y=0.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.084194
SAR 1g (W/Kg)	0.133917

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1945	0.1314	0.0908	0.0532	0.0477	0.0283	0.0156



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 28**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 59 seconds

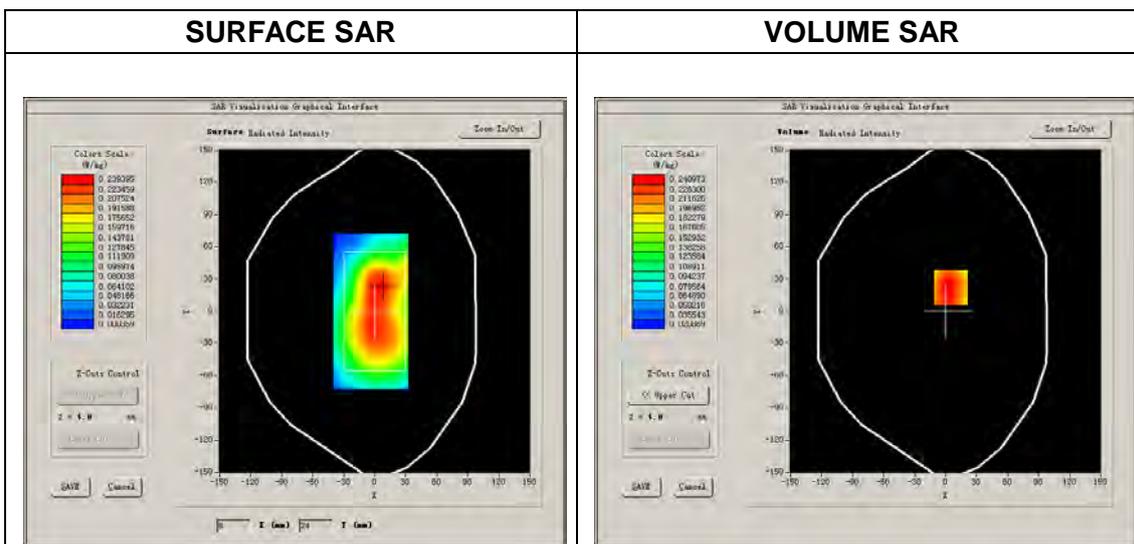
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>Band5_WCDMA850</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	0.971708
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:1

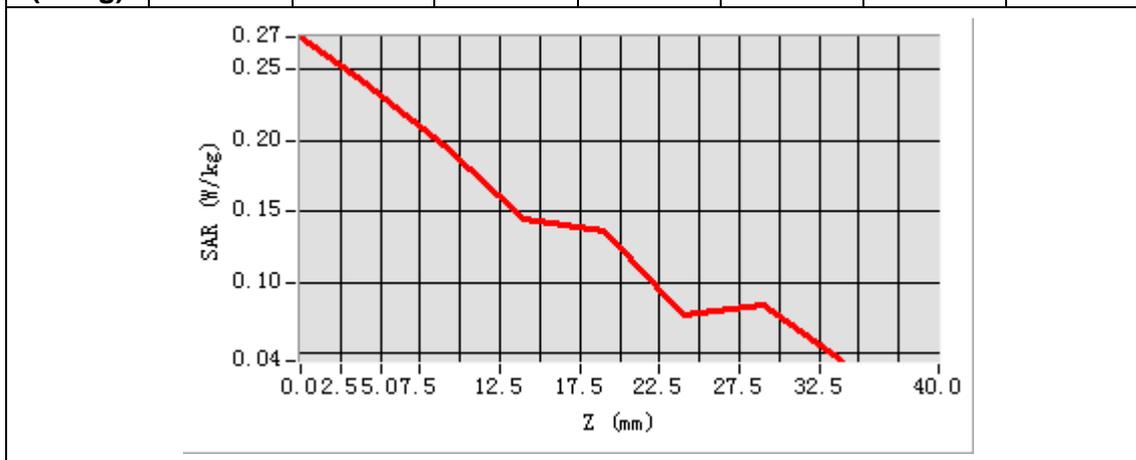


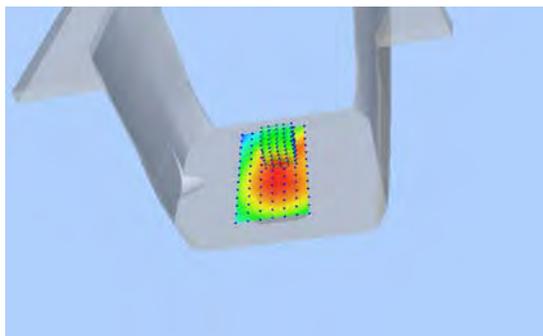
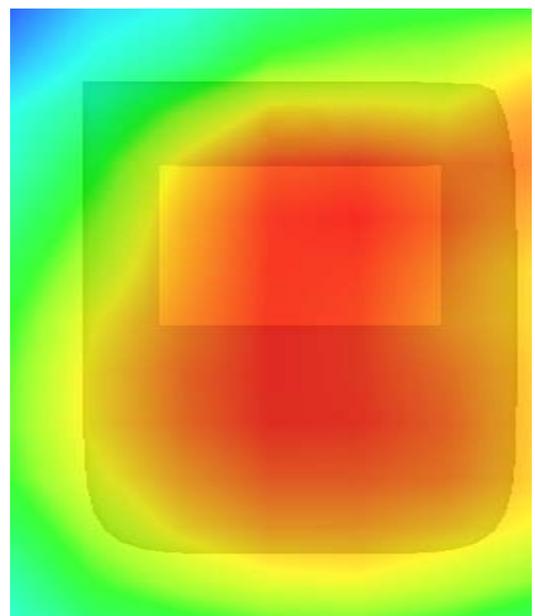
Maximum location: X=5.00, Y=22.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.181747
SAR 1g (W/Kg)	0.241932

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2731	0.2410	0.1962	0.1447	0.1367	0.0768	0.0832



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 29**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 0 seconds

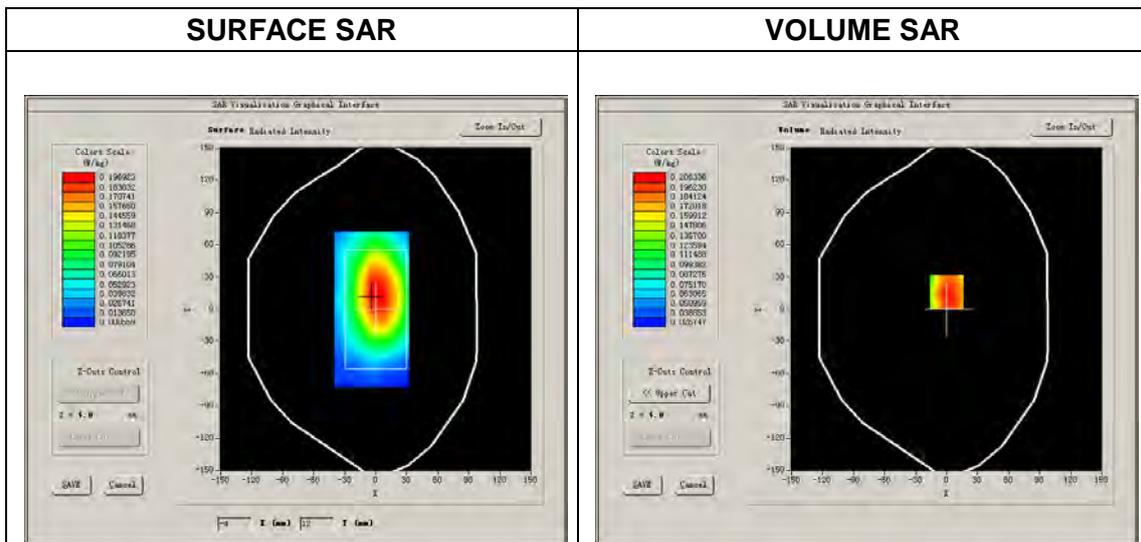
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>Band5_WCDMA850</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>WCDMA (Crest factor: 1.0)</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	0.971708
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:1

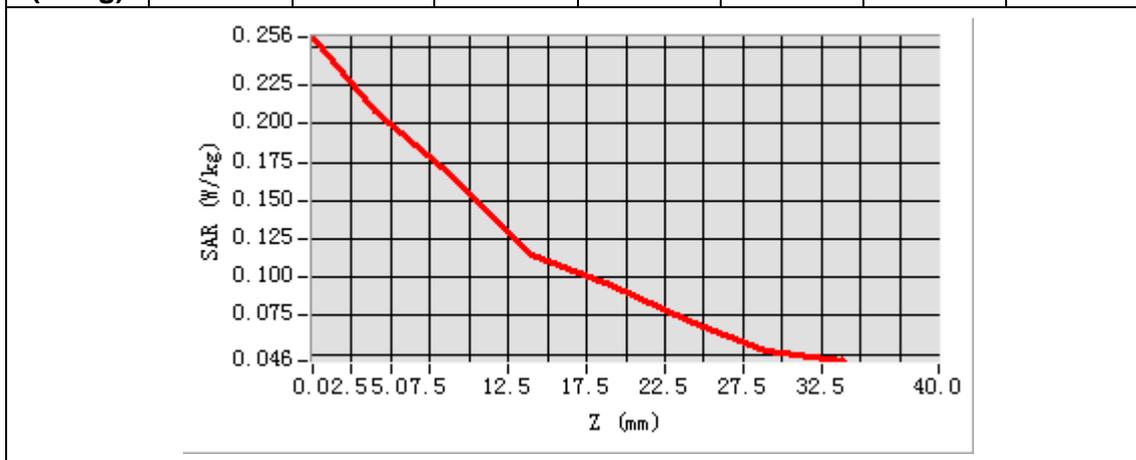


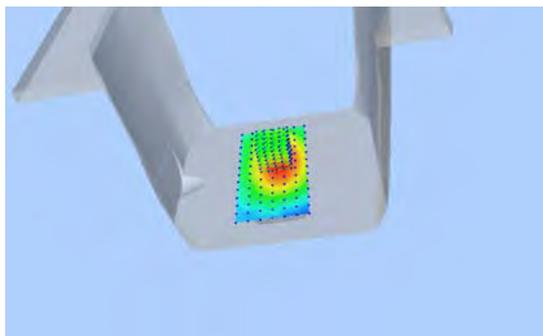
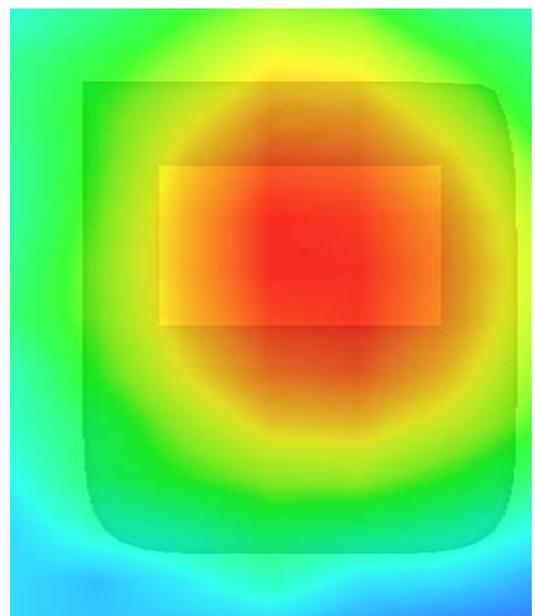
Maximum location: X=0.00, Y=16.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.144838
SAR 1g (W/Kg)	0.199613

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2563	0.2083	0.1648	0.1147	0.0951	0.0712	0.0524



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 30**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 59 seconds

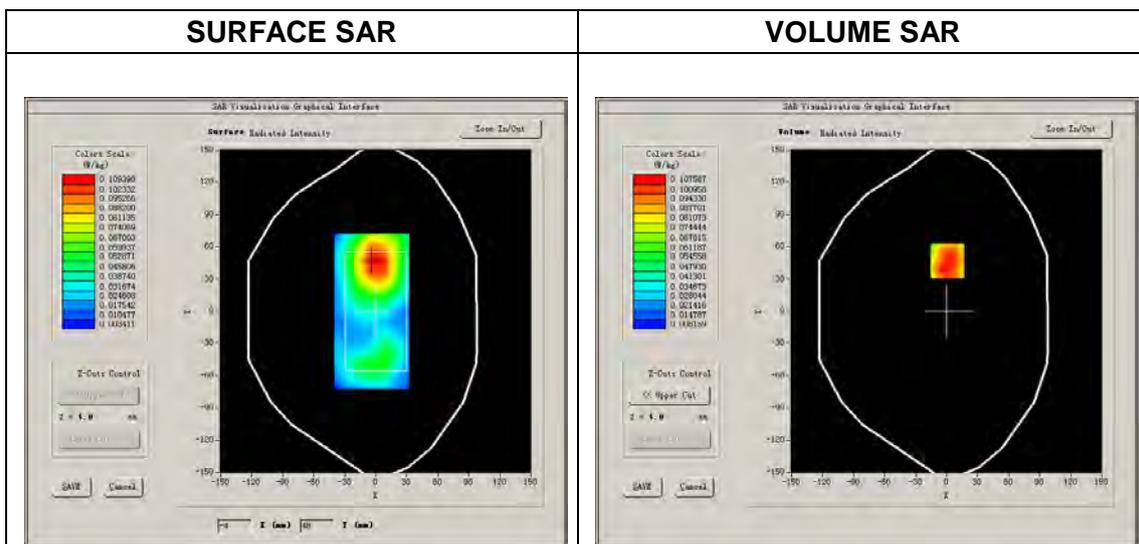
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</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>

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	0.971708
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:1

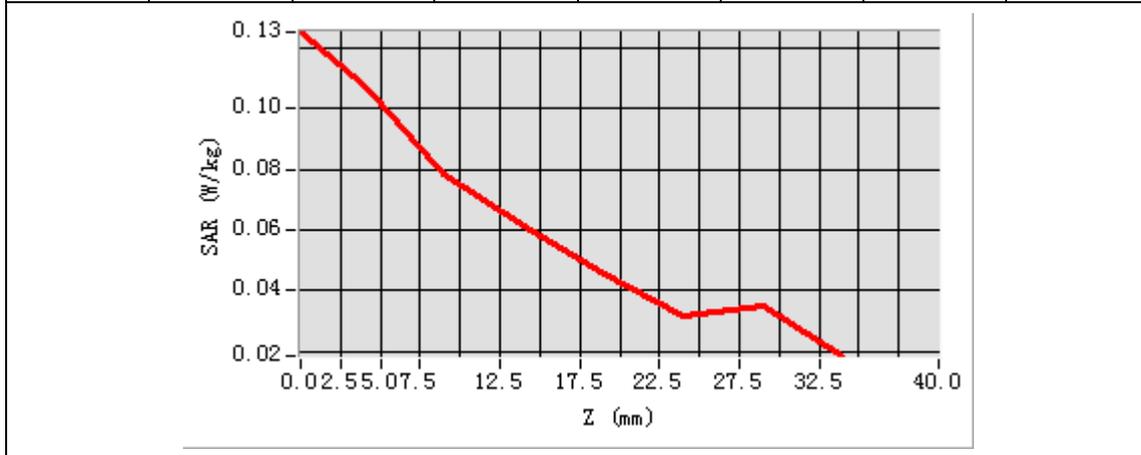


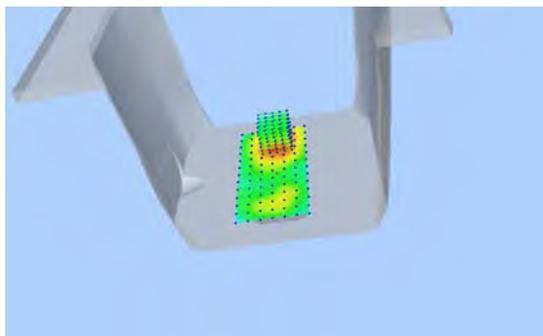
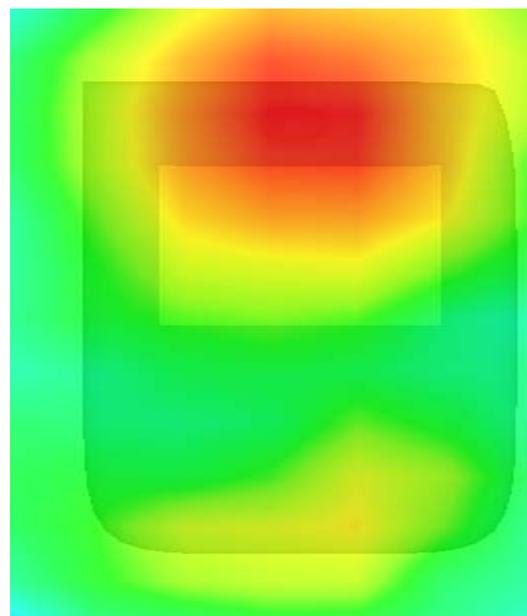
Maximum location: X=1.00, Y=47.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.072767
SAR 1g (W/Kg)	0.103828

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1252	0.1076	0.0782	0.0615	0.0456	0.0319	0.0352



3D screen shot	Hot spot position
	

**MEASUREMENT 31**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

Measurement duration: 13 minutes 34 seconds

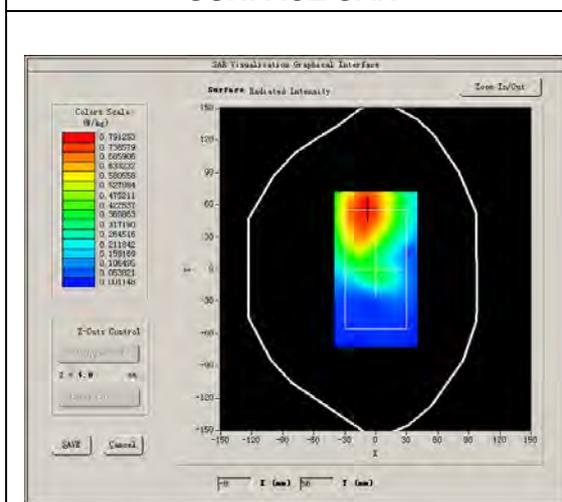
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GPRS</u>

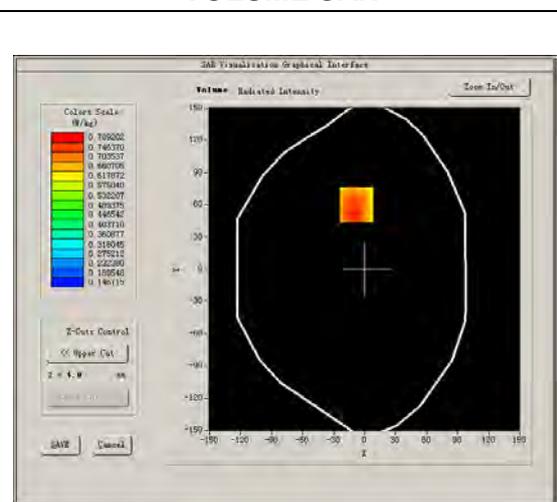
**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

**SURFACE SAR**



**VOLUME SAR**

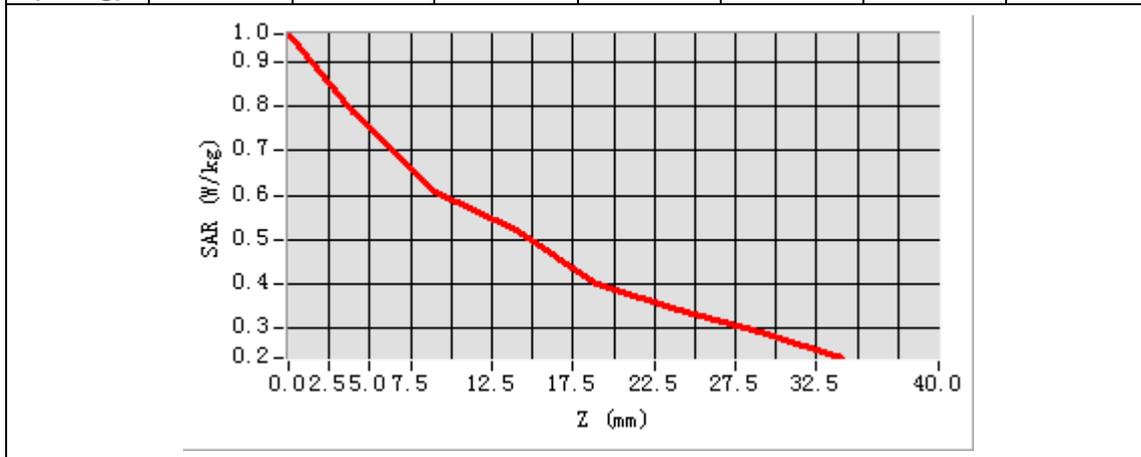


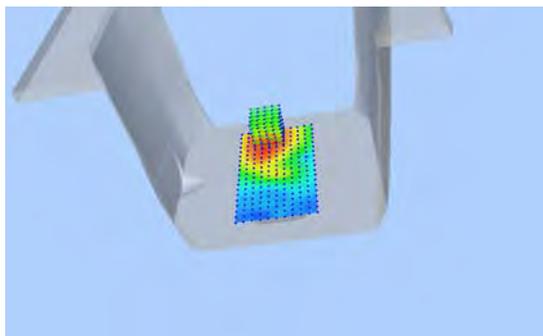
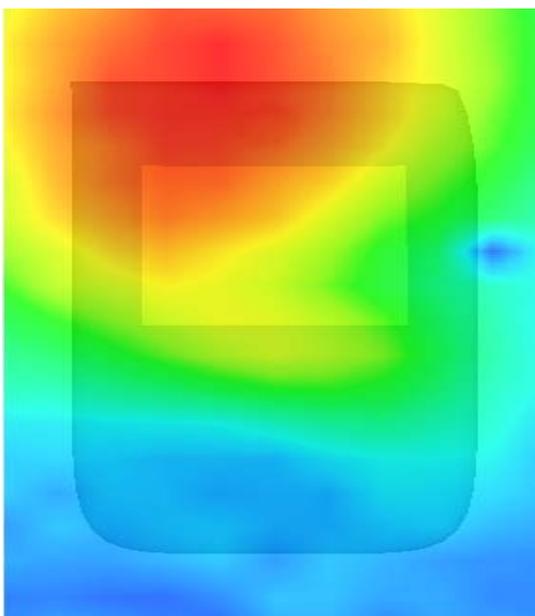
Maximum location: X=-8.00, Y=60.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.587694
SAR 1g (W/Kg)	0.762773

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9651	0.7892	0.6067	0.5194	0.3972	0.3398	0.2890



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 32**

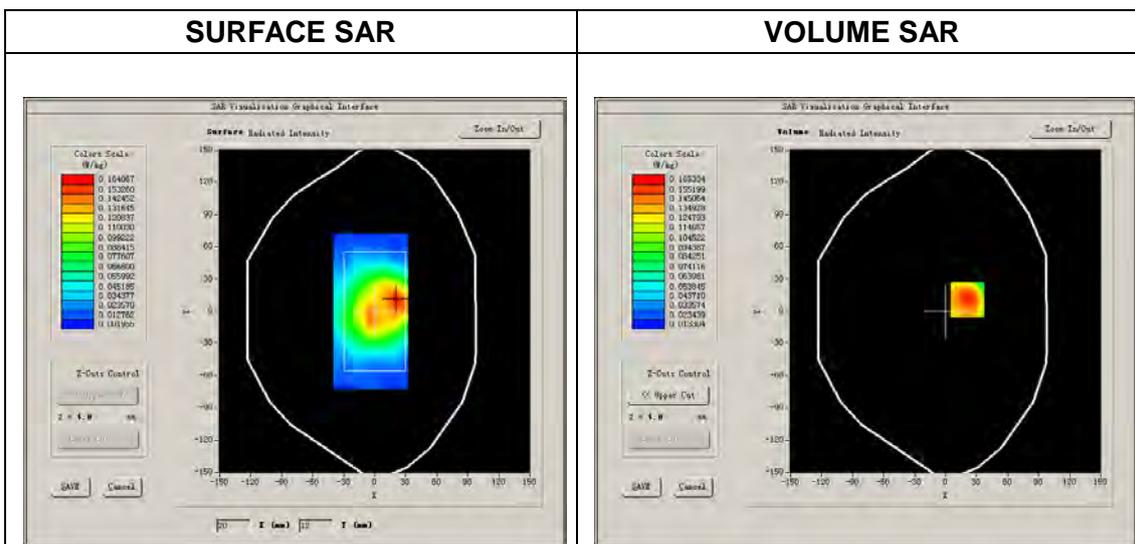
Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 57 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>GSM850</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

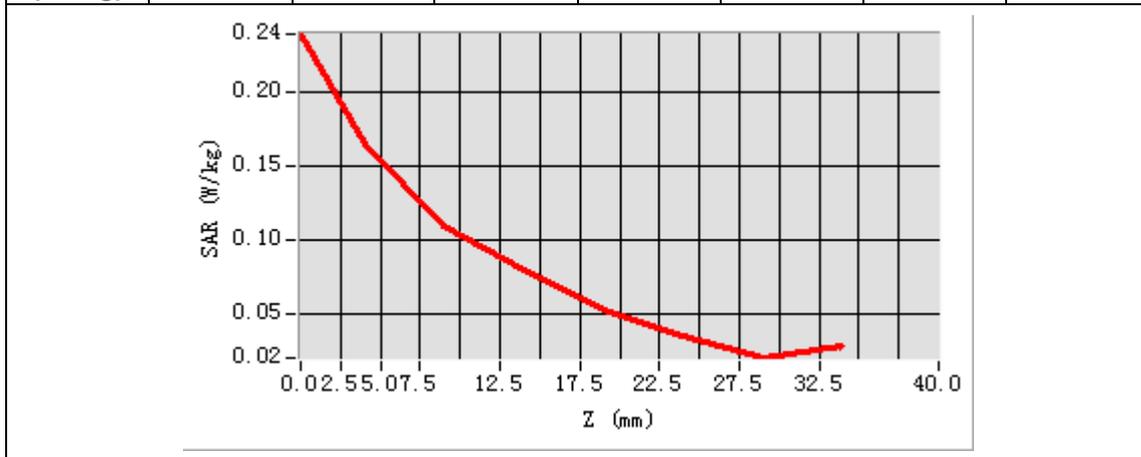


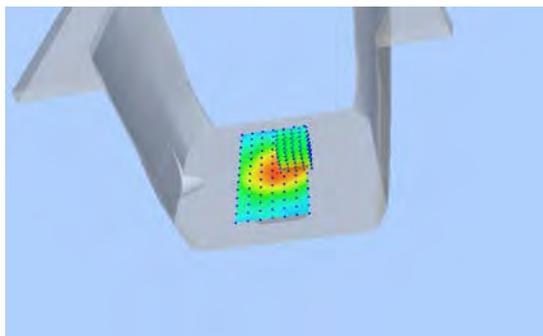
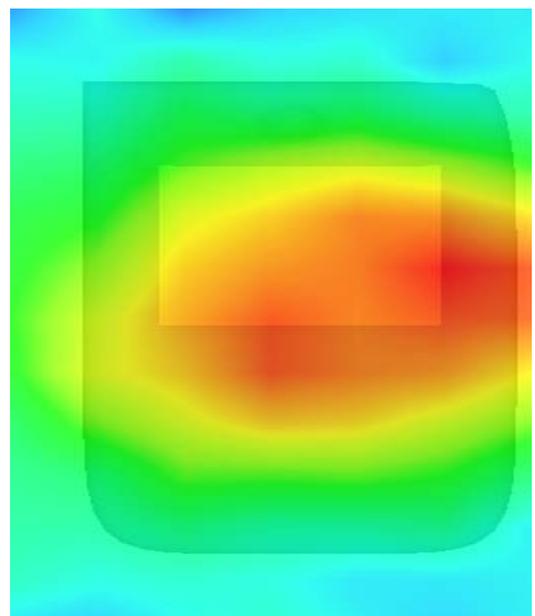
Maximum location: X=21.00, Y=11.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.101756
SAR 1g (W/Kg)	0.165804

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2399	0.1653	0.1104	0.0802	0.0531	0.0356	0.0208



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 33**

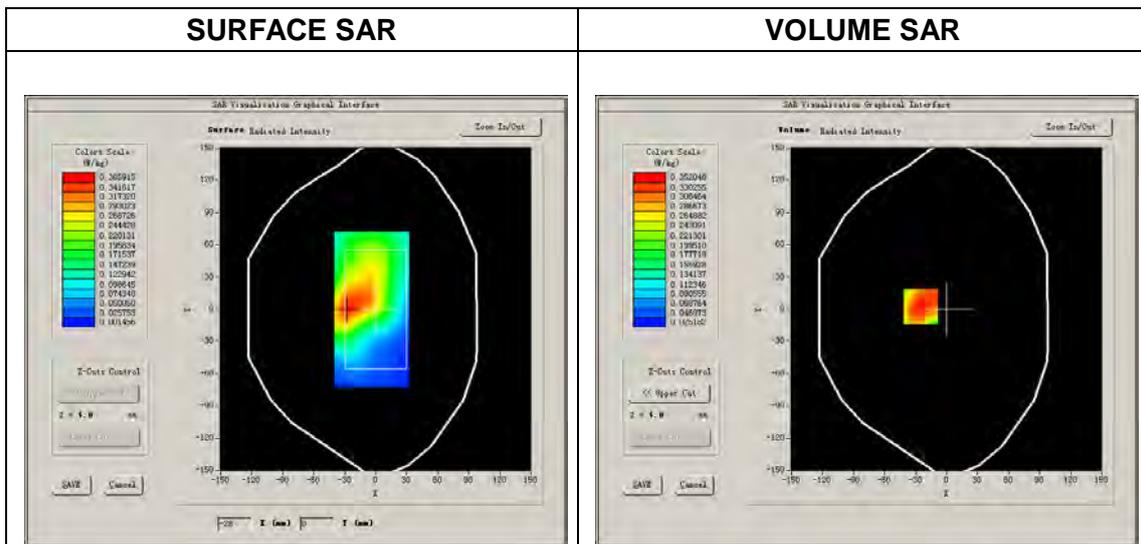
Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 57 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>GSM850</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

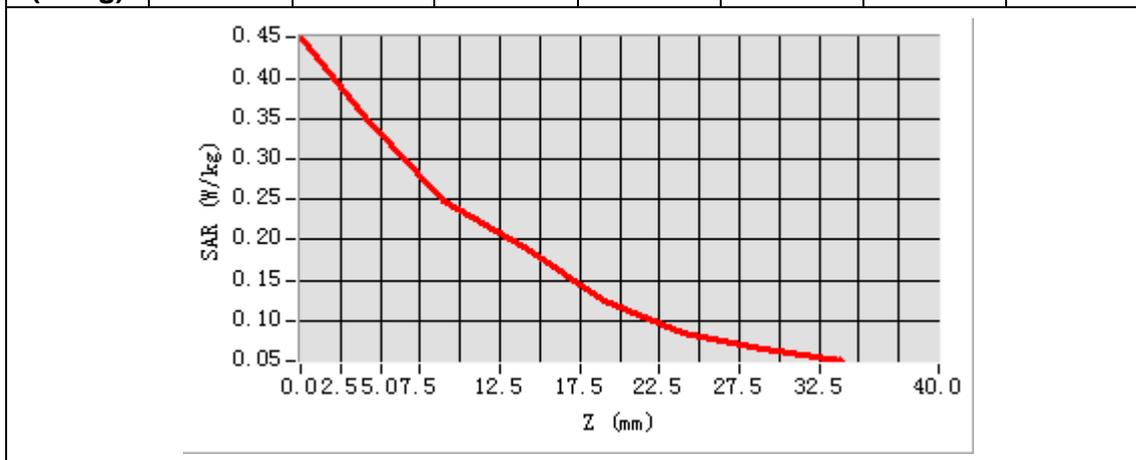


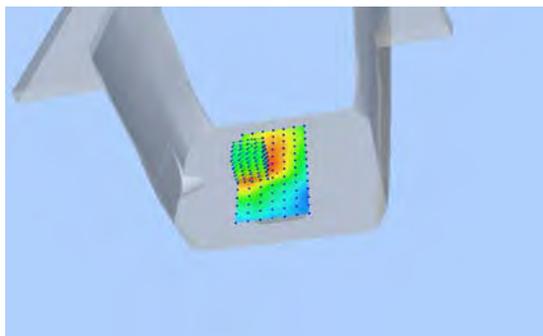
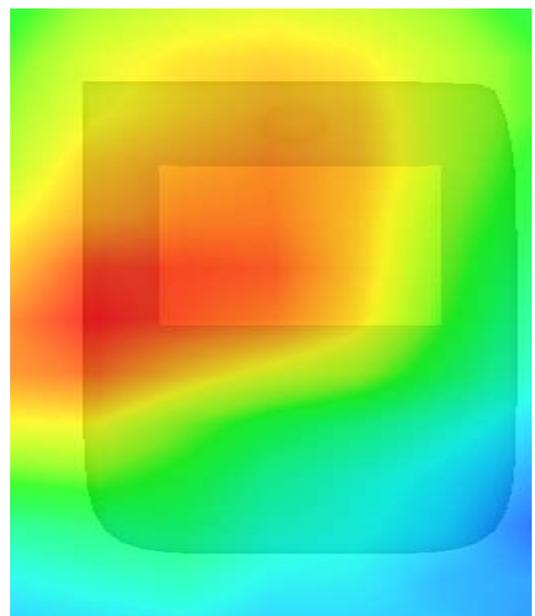
Maximum location: X=-25.00, Y=3.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.239196
SAR 1g (W/Kg)	0.340010

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4512	0.3520	0.2478	0.1902	0.1230	0.0847	0.0654



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 34**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

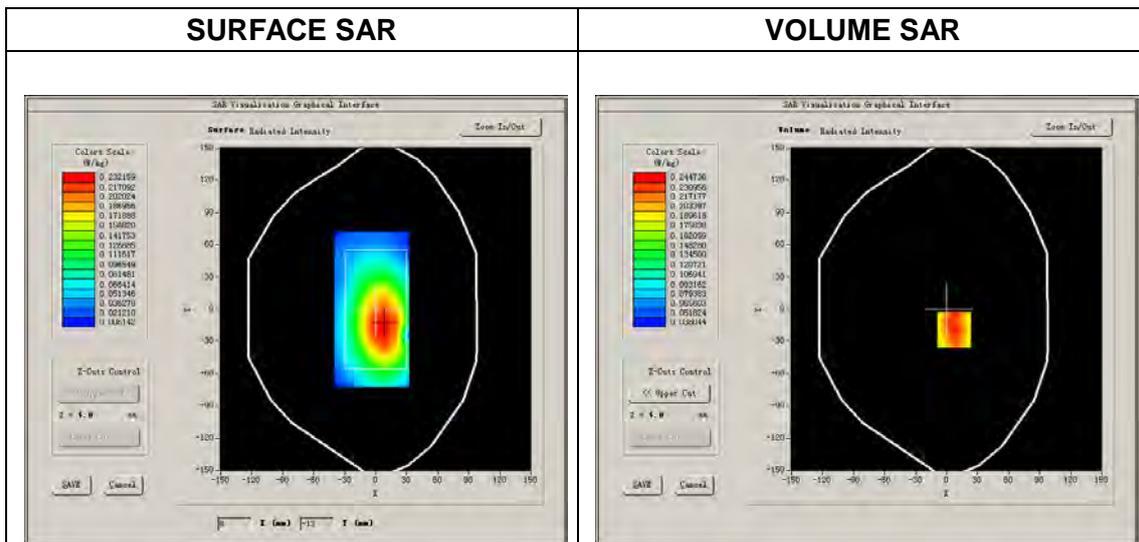
Measurement duration: 13 minutes 58 seconds

**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

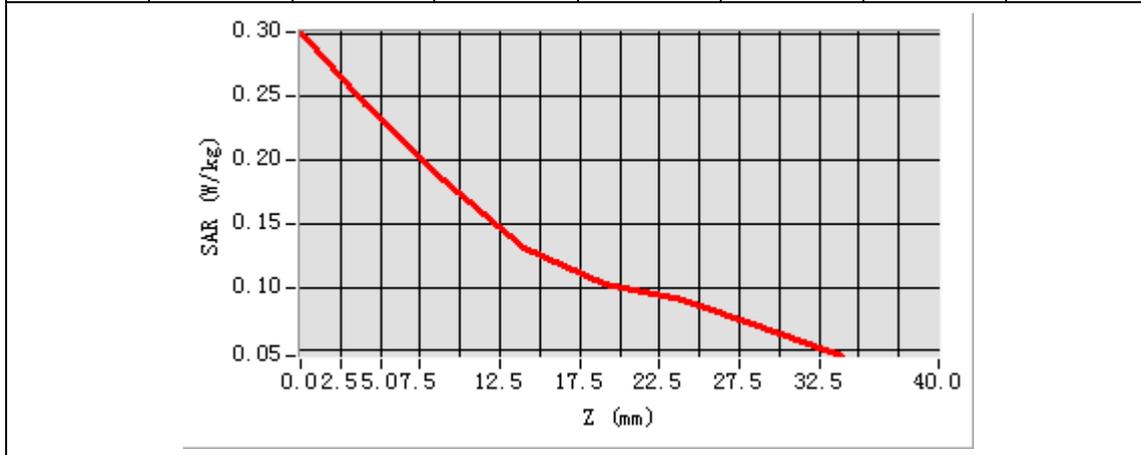


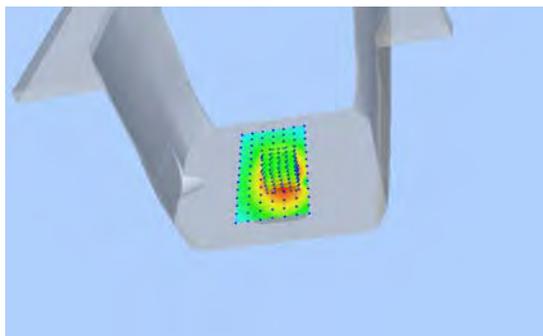
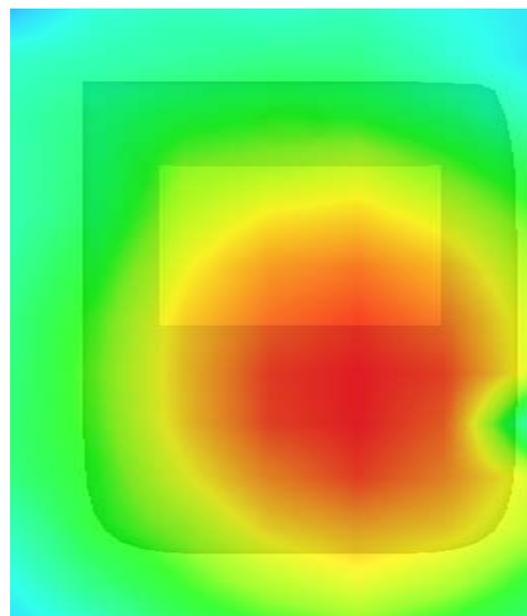
Maximum location: X=7.00, Y=-19.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.167912
SAR 1g (W/Kg)	0.233684

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3013	0.2447	0.1851	0.1304	0.1023	0.0894	0.0681



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

### MEASUREMENT 35

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

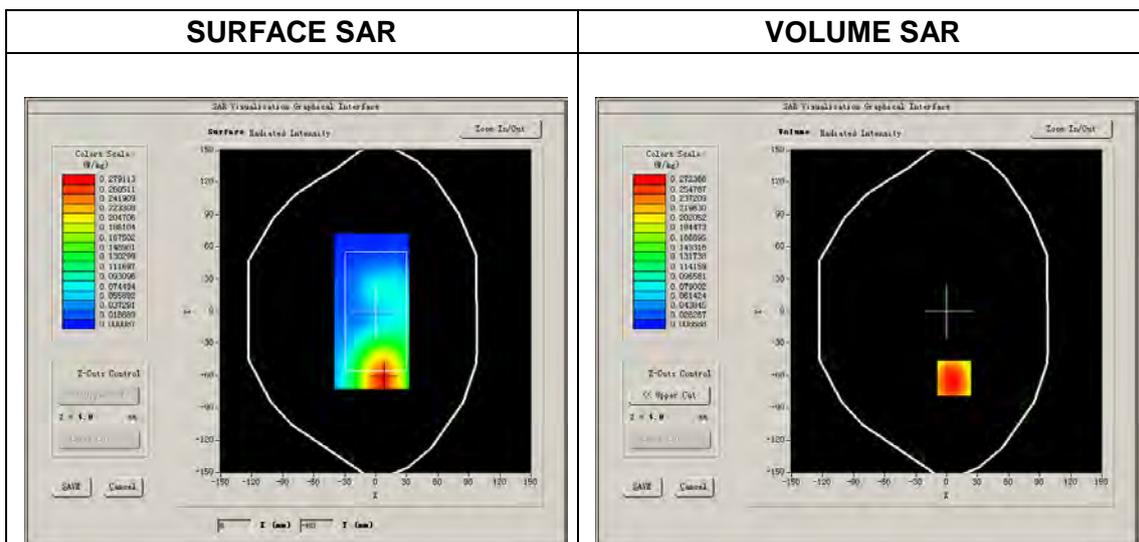
Measurement duration: 13 minutes 53 seconds

#### A. Experimental conditions.

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>GSM850</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>GPRS</u>

#### B. SAR Measurement Results

<b>Frequency (MHz)</b>	824.400012
<b>Relative permittivity (real part)</b>	55.282291
<b>Conductivity (S/m)</b>	0.971718
<b>Power drift (%)</b>	2.360000
<b>Ambient Temperature:</b>	22.8°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	6.37
<b>Crest factor:</b>	1:2

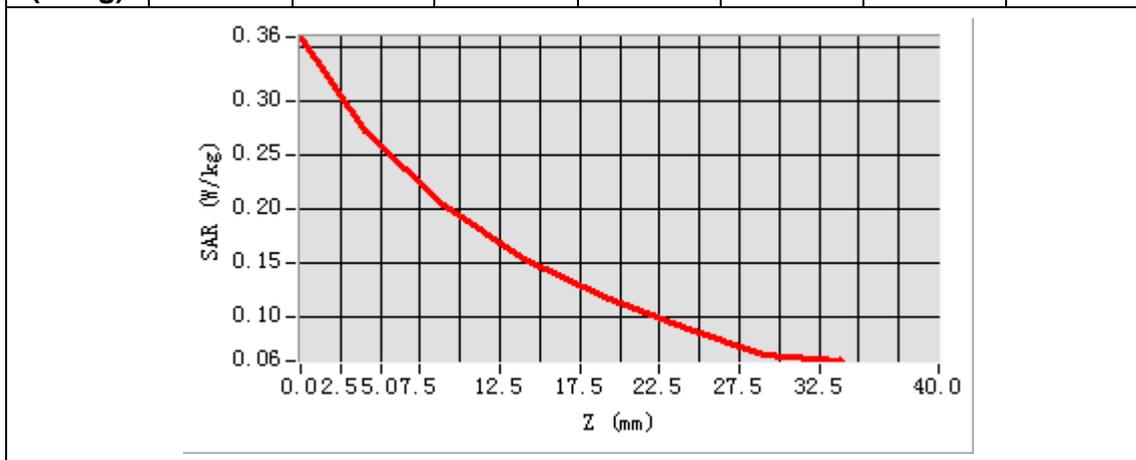


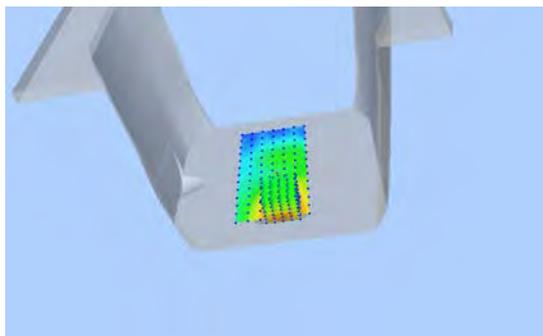
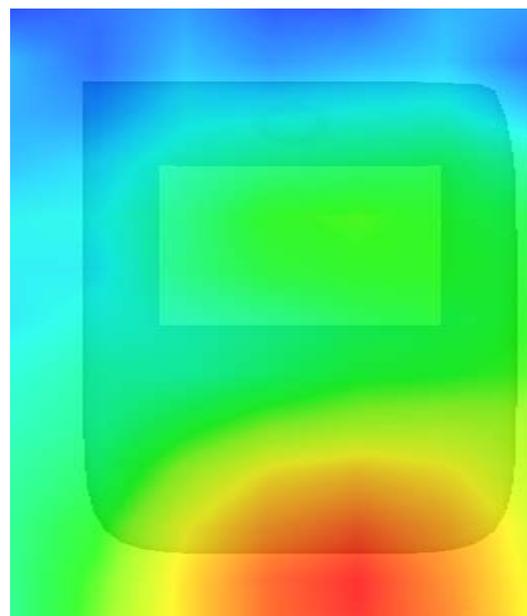
Maximum location: X=7.00, Y=-62.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.191393
SAR 1g (W/Kg)	0.263980

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3586	0.2724	0.2024	0.1523	0.1169	0.0900	0.0643



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 36**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

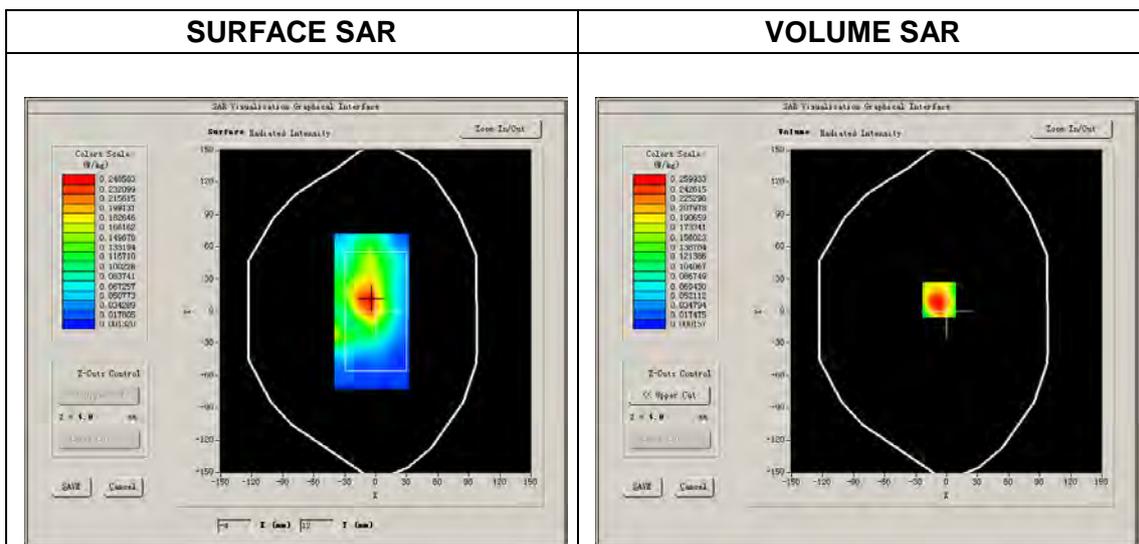
Measurement duration: 13 minutes 58 seconds

**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:2

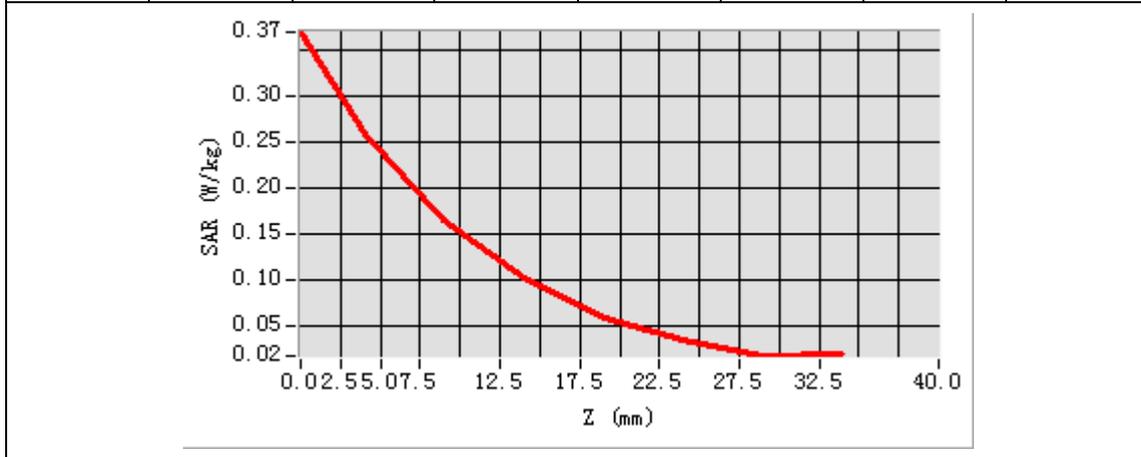


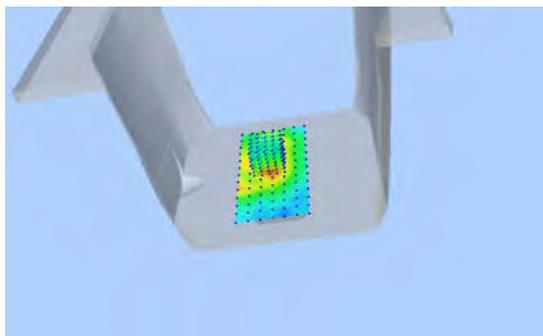
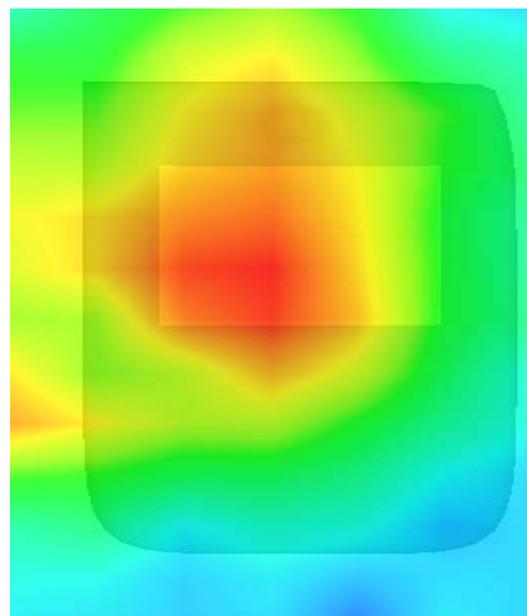
Maximum location: X=-7.00, Y=11.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.142078
SAR 1g (W/Kg)	0.256269

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3706	0.2599	0.1651	0.1011	0.0595	0.0334	0.0169



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 37**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

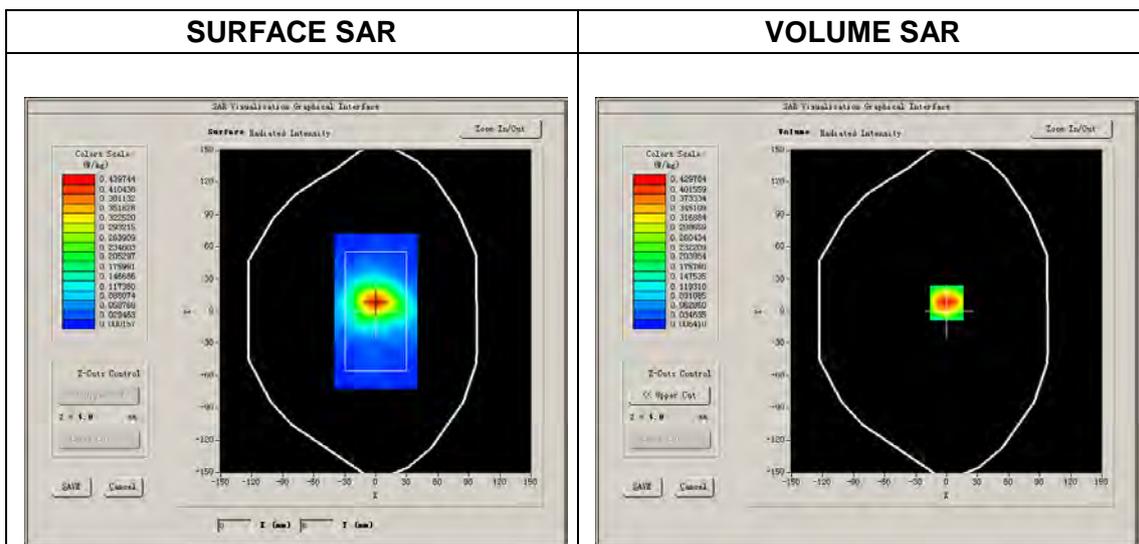
Measurement duration: 13 minutes 35 seconds

**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:2

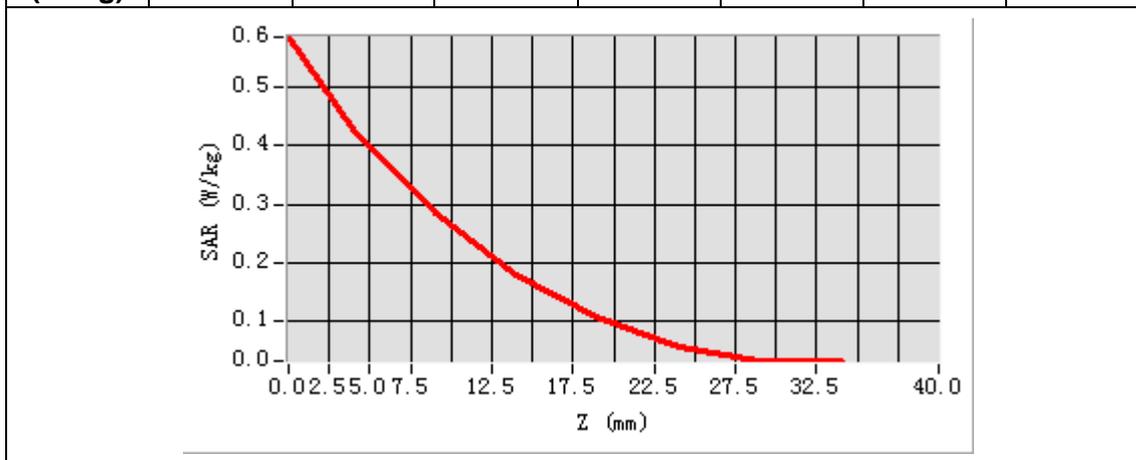


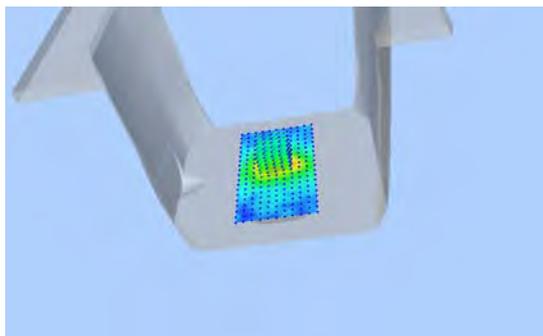
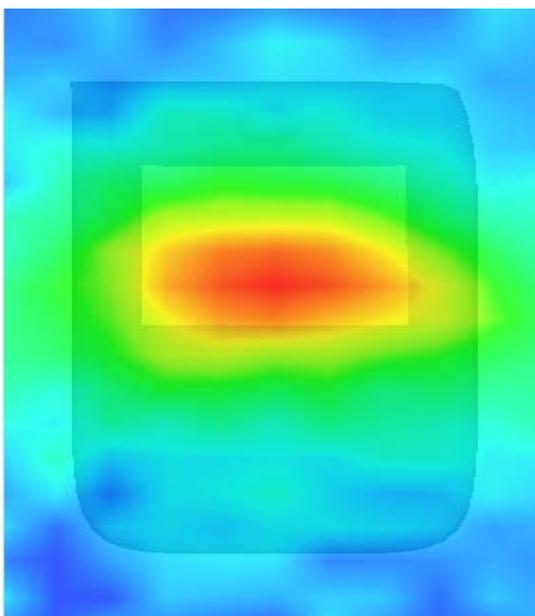
Maximum location: X=0.00, Y=8.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.220011
SAR 1g (W/Kg)	0.415266

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5860	0.4298	0.2840	0.1775	0.1065	0.0544	0.0321



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 38**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

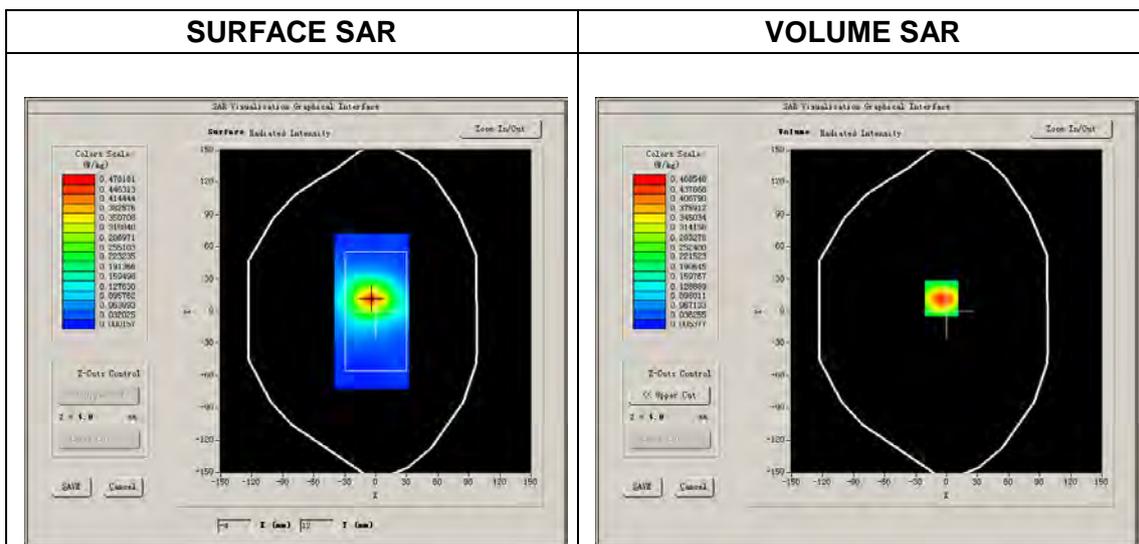
Measurement duration: 13 minutes 58 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>GSM1900</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:2

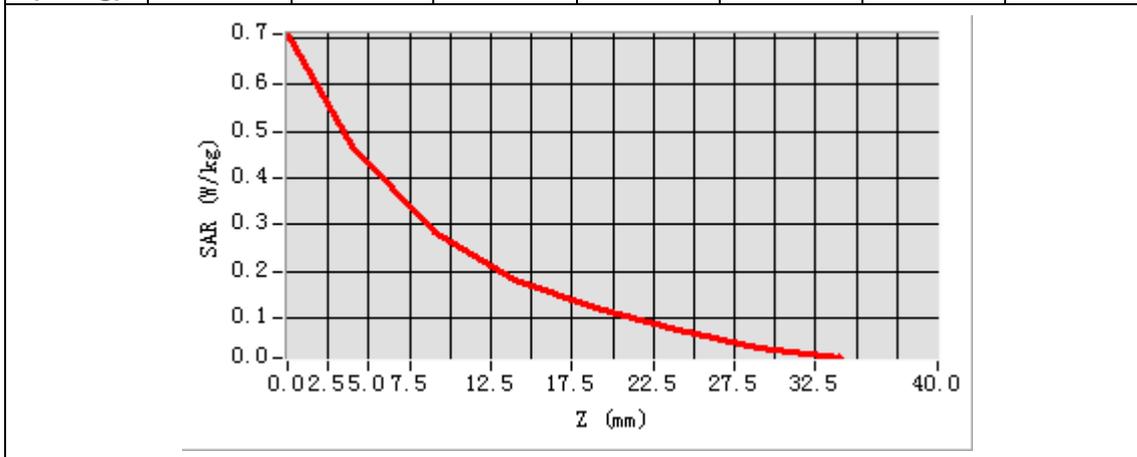


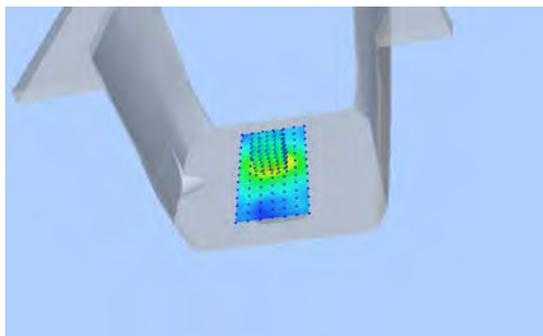
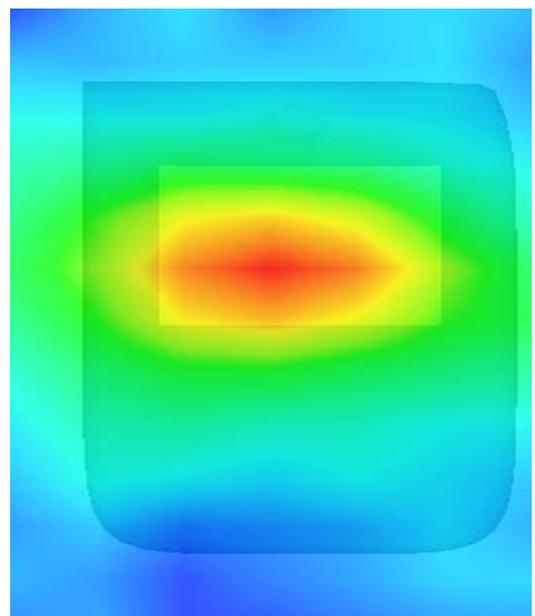
Maximum location: X=-5.00, Y=12.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.243344
SAR 1g (W/Kg)	0.444219

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7082	0.4685	0.2855	0.1822	0.1204	0.0732	0.0375



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 39**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

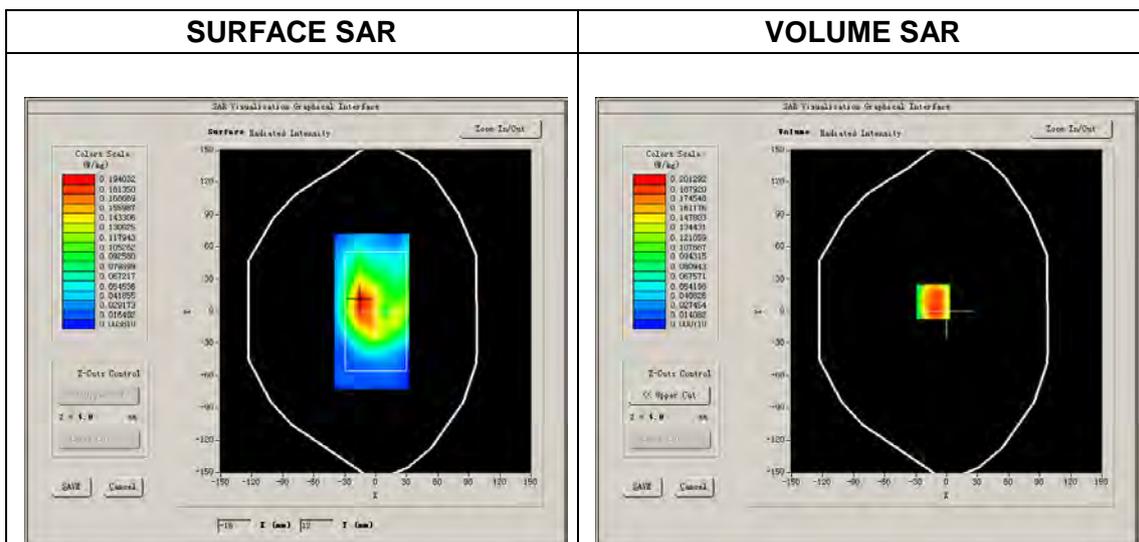
Measurement duration: 13 minutes 56 seconds

**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:2

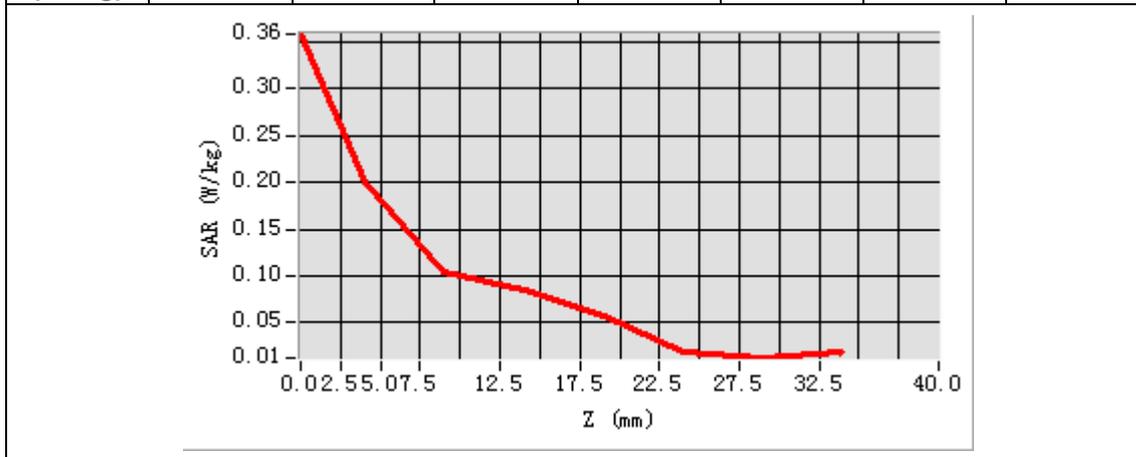


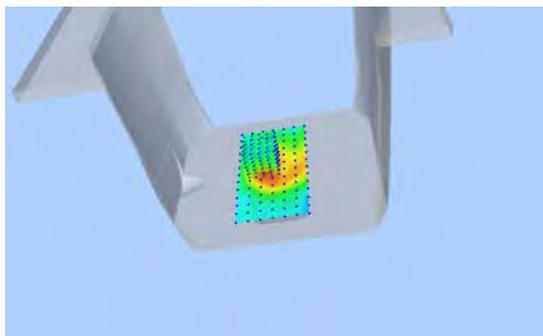
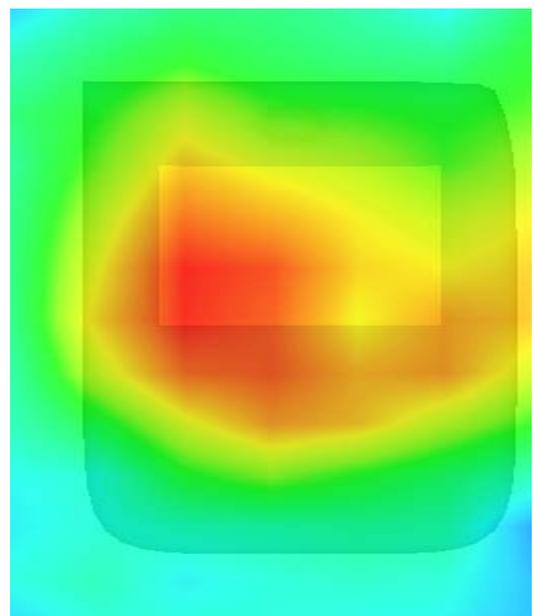
Maximum location: X=-13.00, Y=9.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.112664
SAR 1g (W/Kg)	0.194836

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3589	0.2013	0.1033	0.0843	0.0566	0.0186	0.0119



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 40**

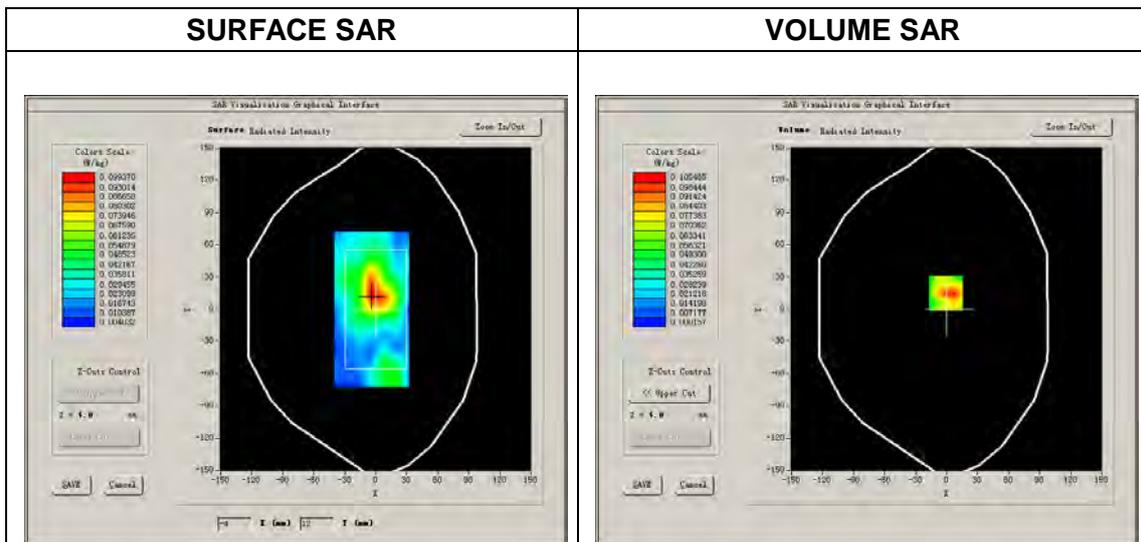
Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 57 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>GSM1900</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:2

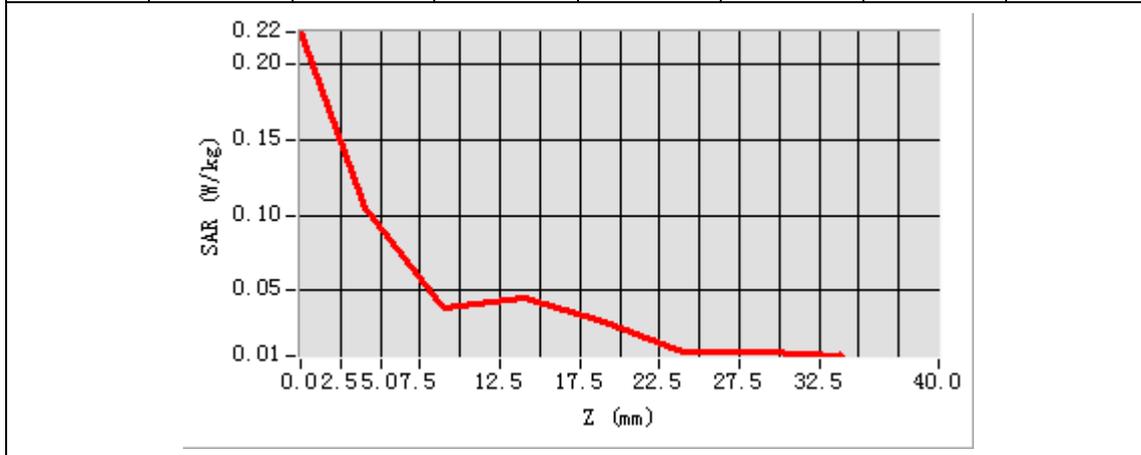


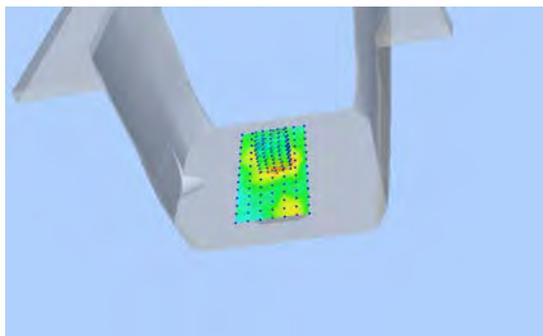
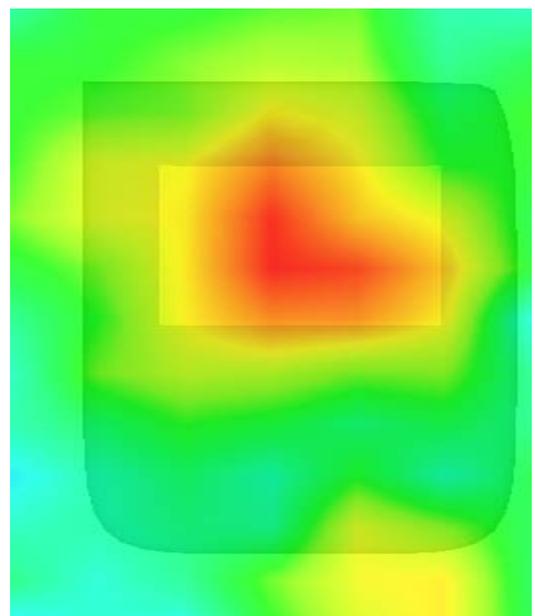
Maximum location: X=-1.00, Y=15.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.053740
SAR 1g (W/Kg)	0.097362

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2211	0.1055	0.0386	0.0456	0.0300	0.0094	0.0092



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 41**

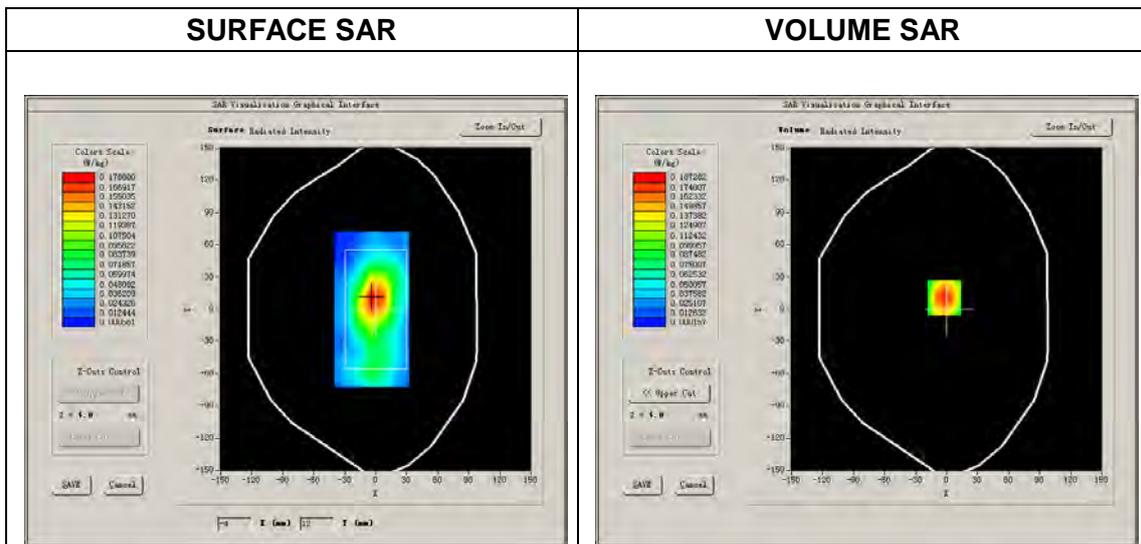
Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.01  
 Measurement duration: 13 minutes 0 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body</u>
<b>Band</b>	<u>GSM1900</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>GPRS</u>

**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	1850.000000
<b>Relative permittivity (real part)</b>	39.984477
<b>Conductivity (S/m)</b>	1.414283
<b>Power drift (%)</b>	1.660000
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:2

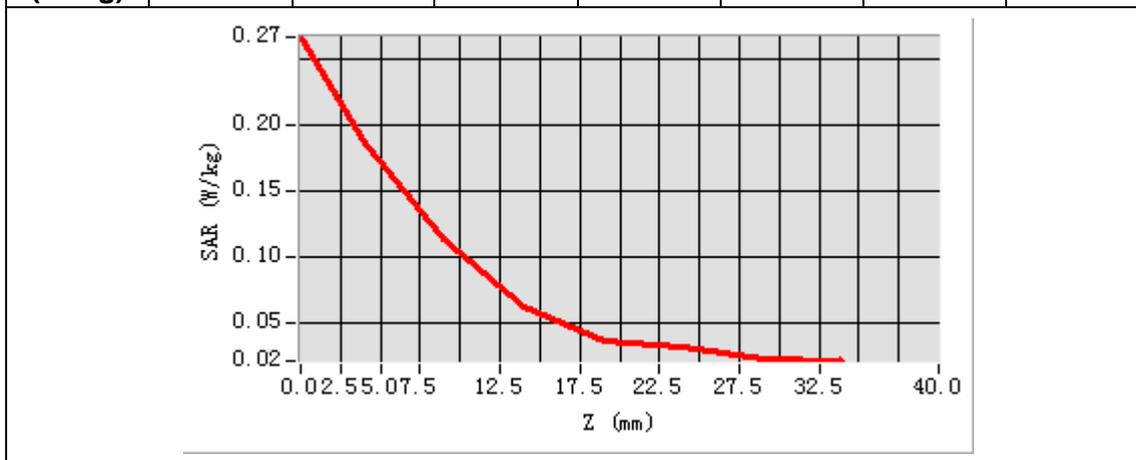


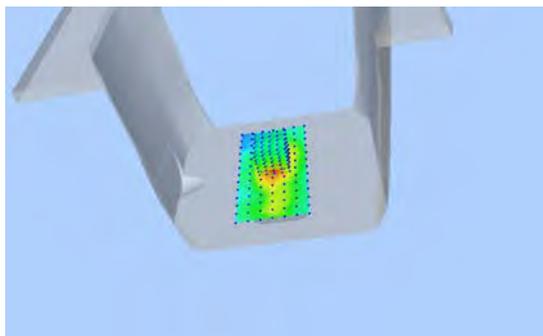
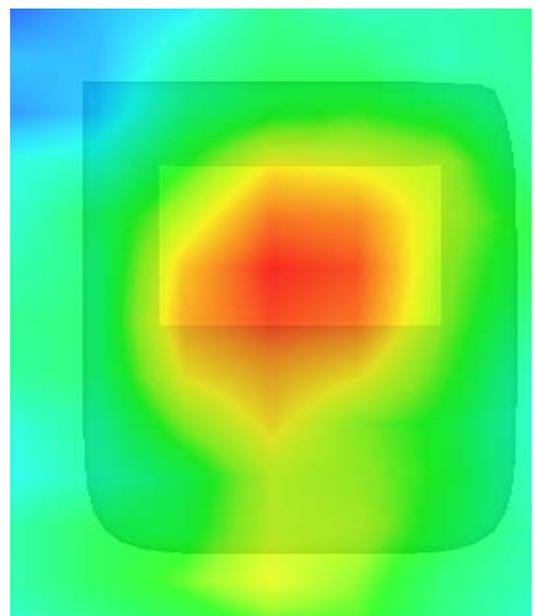
Maximum location: X=-2.00, Y=11.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.102021
SAR 1g (W/Kg)	0.175002

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2671	0.1873	0.1147	0.0629	0.0368	0.0318	0.0238



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 42**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 50 seconds

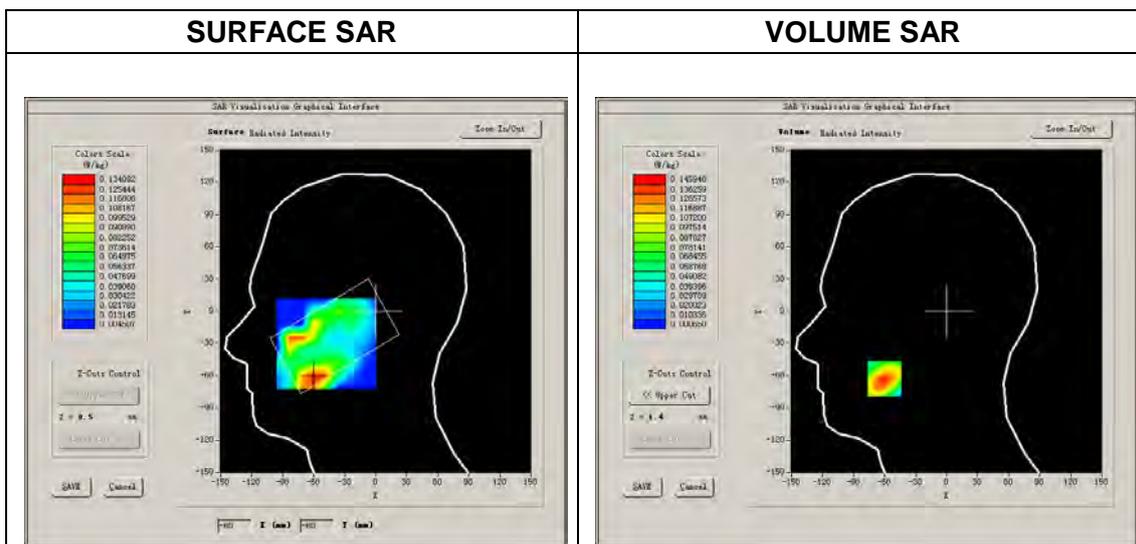
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt</u>
<b>Phantom</b>	<u>Right head</u>
<b>Device Position</b>	<u>Cheek</u>
<b>Band</b>	<u>LTE band 2</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700)

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-1.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

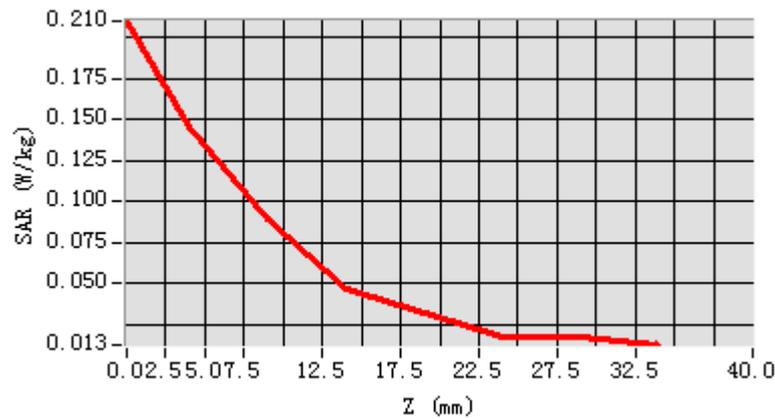


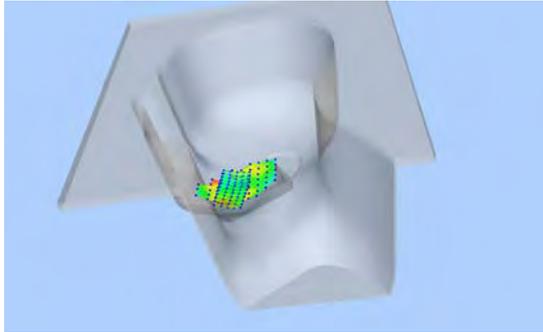
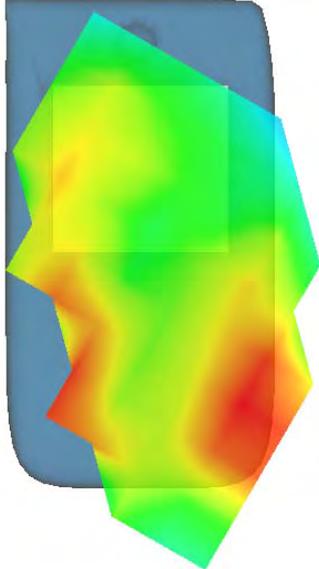
Maximum location: X=-60.00, Y=-63.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.074655
SAR 1g (W/Kg)	0.138499

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2099	0.1459	0.0890	0.0469	0.0323	0.0170	0.0172



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 43**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 50 seconds

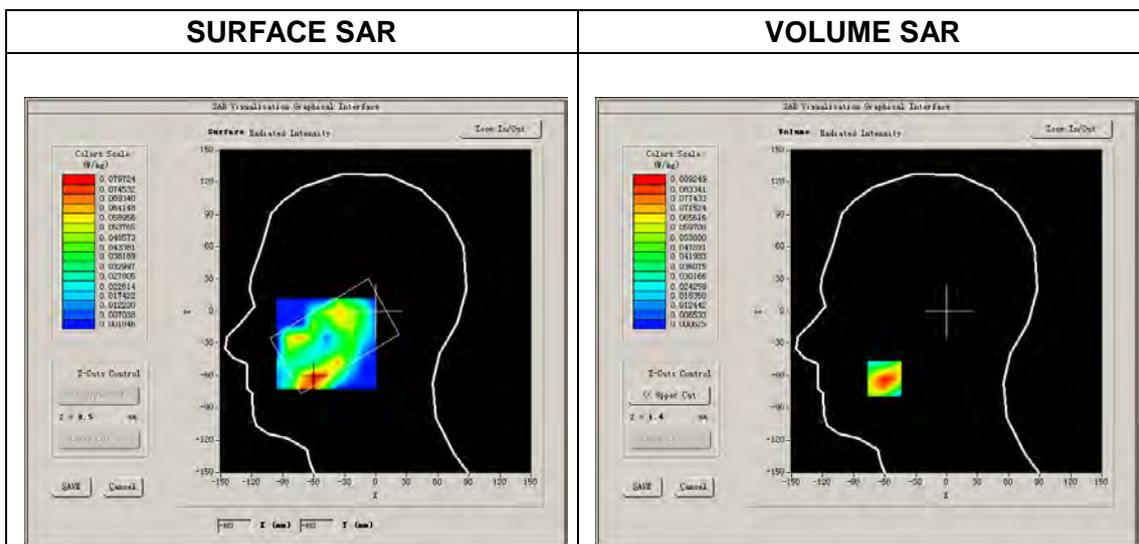
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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>Low</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-1.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

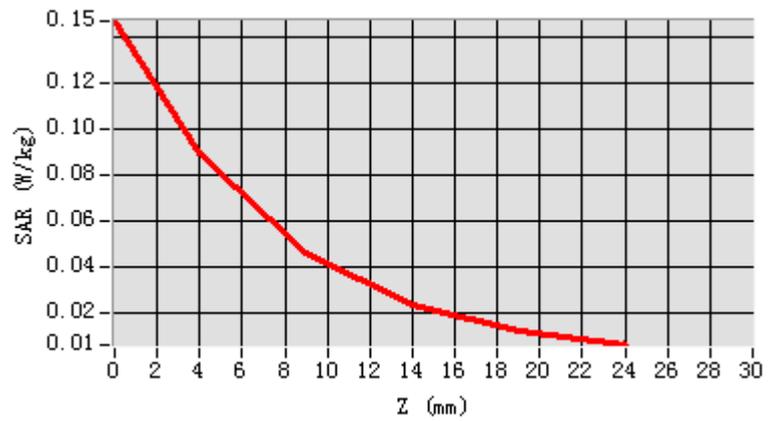


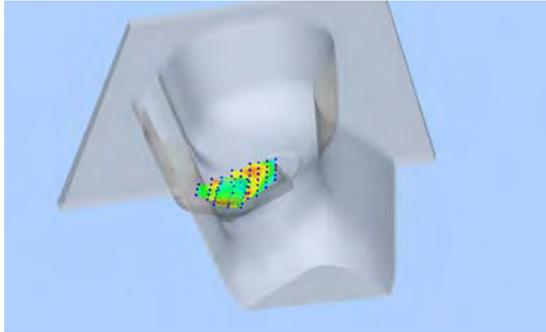
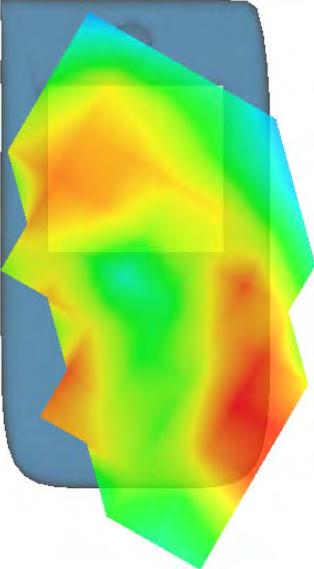
Maximum location: X=-60.00, Y=-63.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.042279
SAR 1g (W/Kg)	0.084326

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1468	0.0892	0.0460	0.0235	0.0126



3D screen shot	Hot spot position
	

**MEASUREMENT 44**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 21 seconds

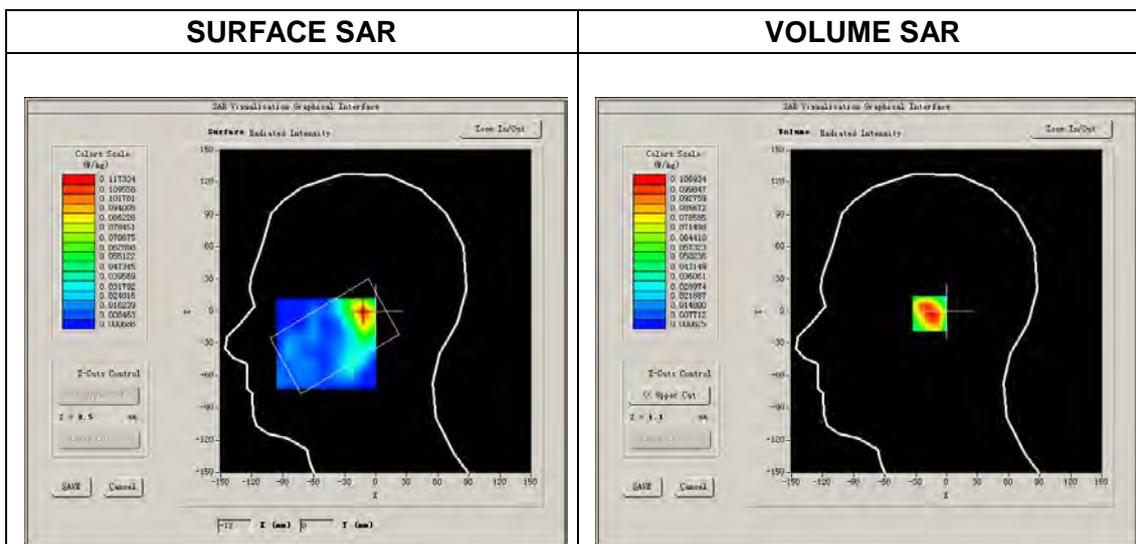
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	LTE band 2
<b>Channels</b>	Low
<b>Signal</b>	LTE

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-1.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

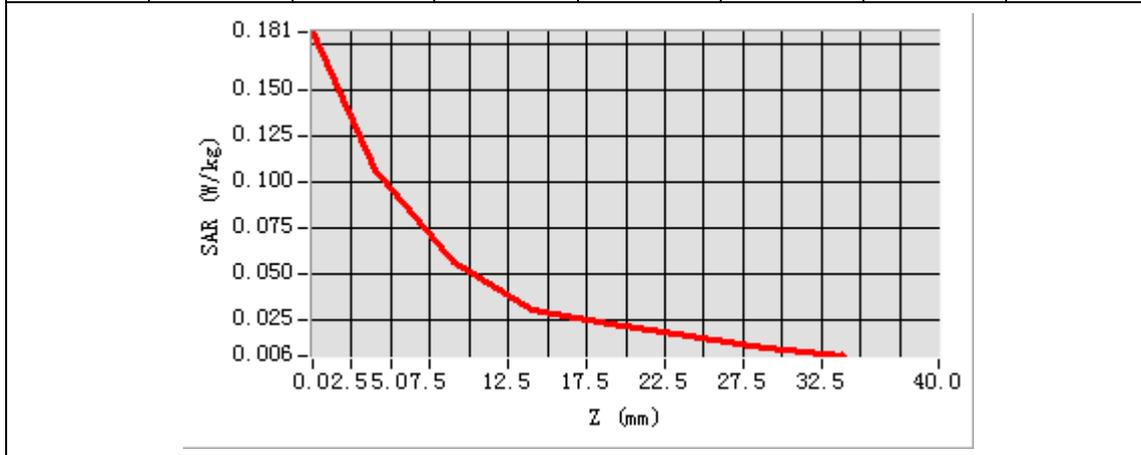


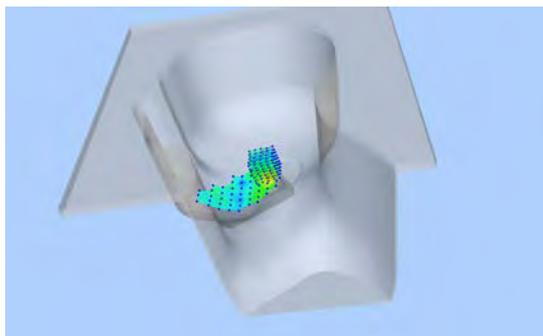
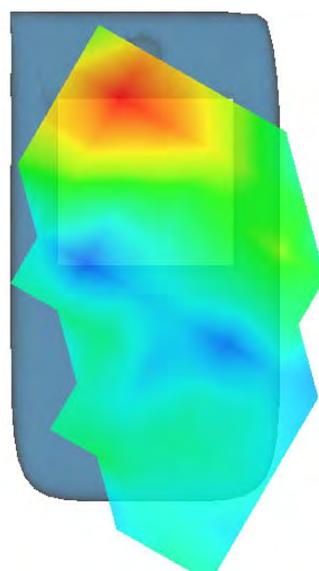
Maximum location: X=-11.00, Y=-2.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.057364
SAR 1g (W/Kg)	0.106755

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1810	0.1069	0.0569	0.0308	0.0230	0.0170	0.0102



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 45**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 21 seconds

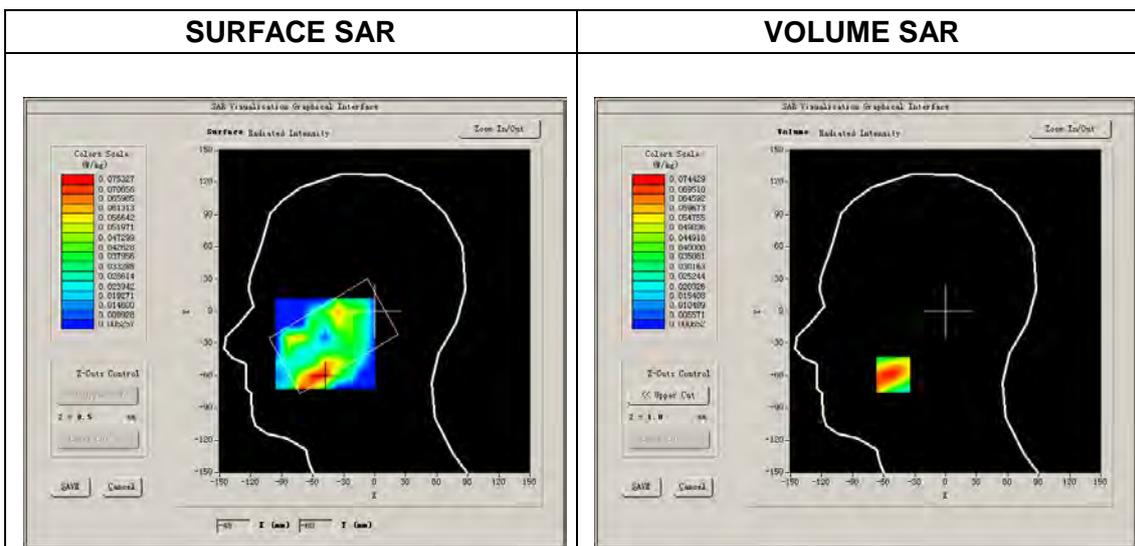
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-1.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

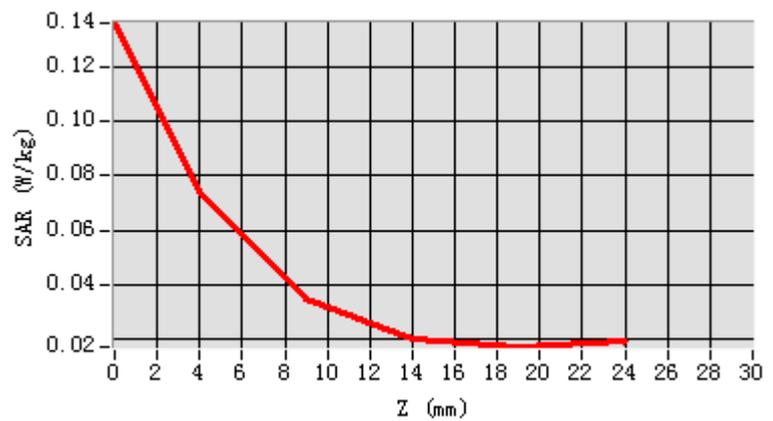


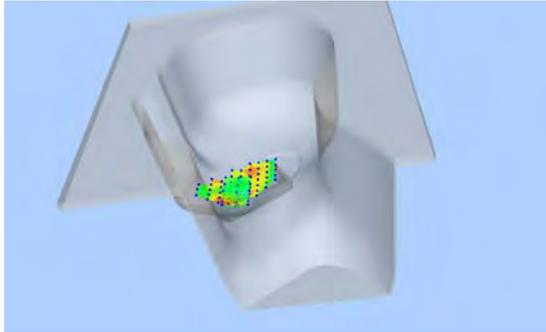
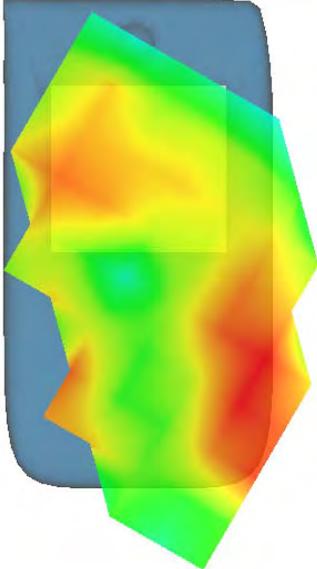
Maximum location: X=-51.00, Y=-59.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.039167
SAR 1g (W/Kg)	0.071775

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1364	0.0744	0.0346	0.0197	0.0168



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 46**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 9 minutes 25 seconds

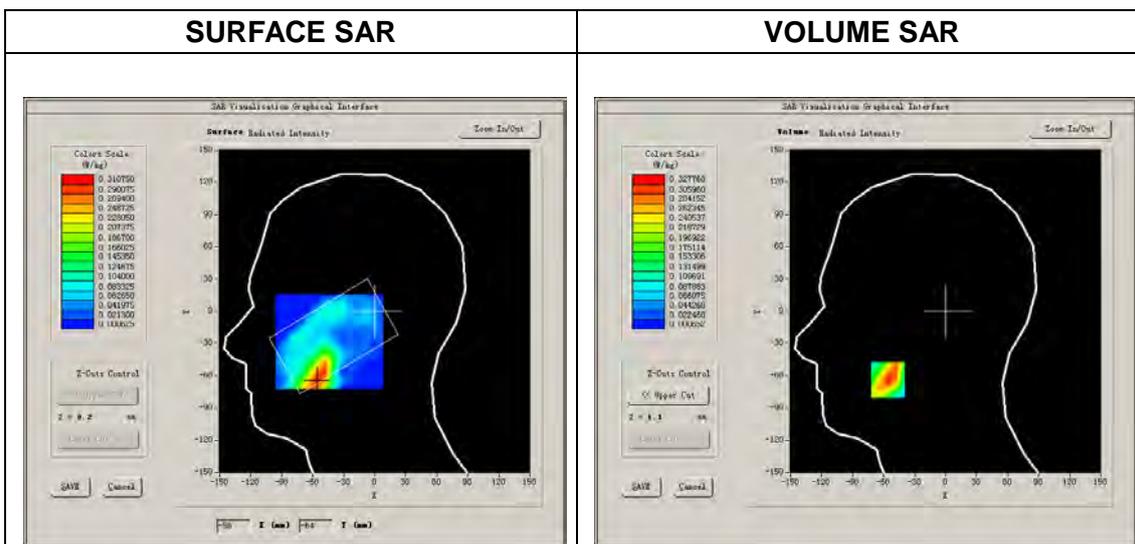
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt,</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-1.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

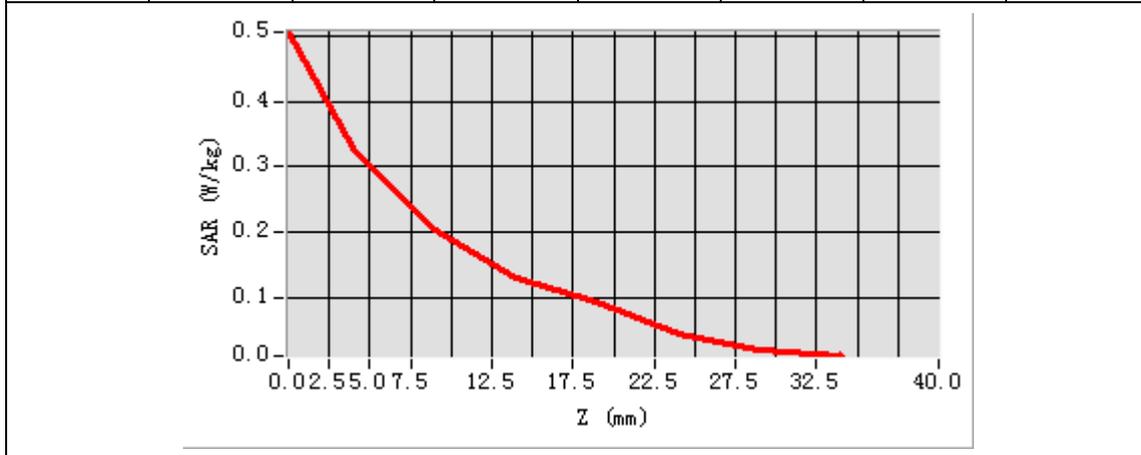


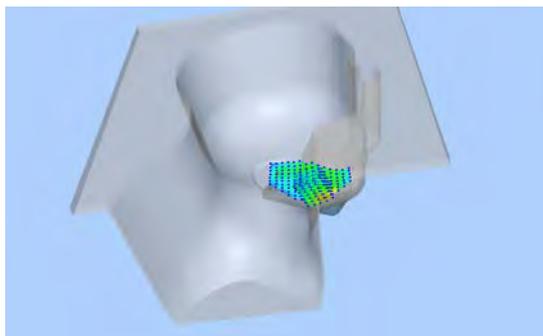
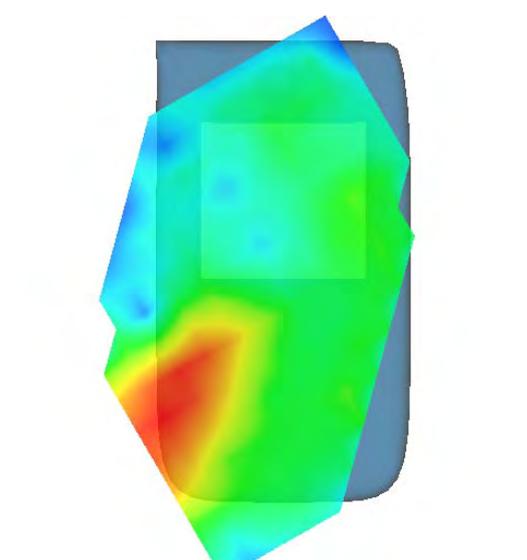
Maximum location: X=-56.00, Y=-64.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.172811
SAR 1g (W/Kg)	0.321675

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5065	0.3278	0.2019	0.1301	0.0919	0.0452	0.0187



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 47**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 9 minutes 25 seconds

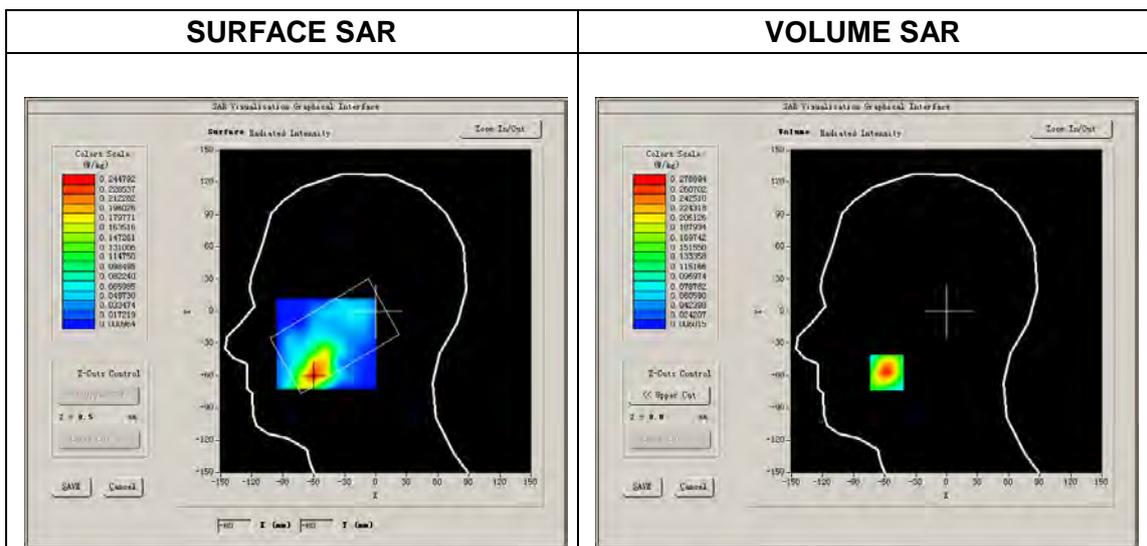
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Left 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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-1.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

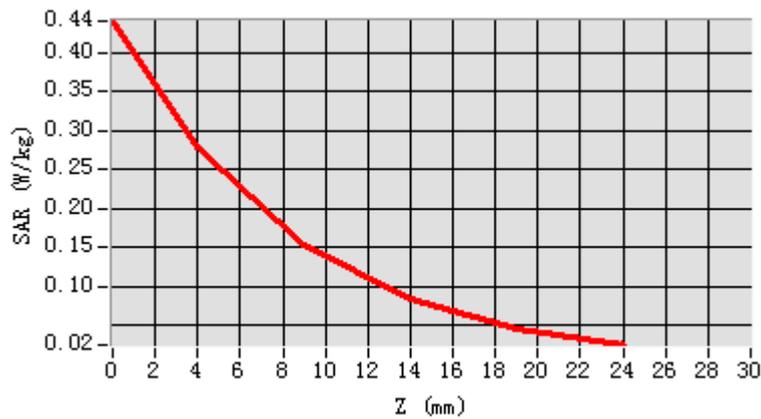


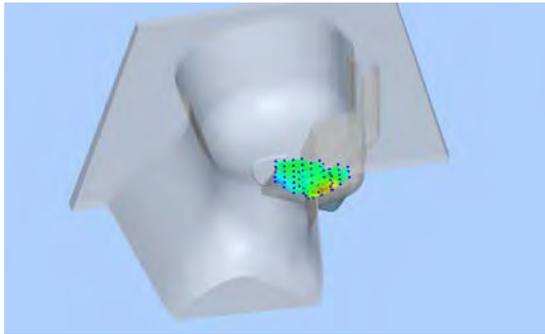
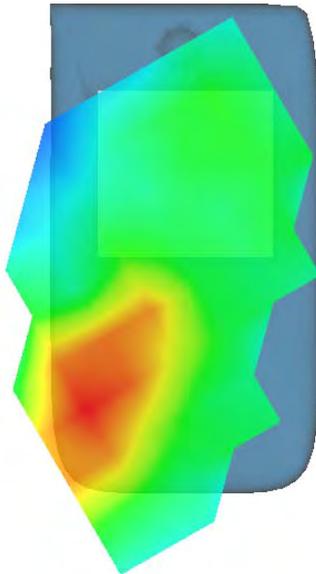
Maximum location: X=-58.00, Y=-57.00

SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.136986
SAR 1g (W/Kg)	0.260212

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4404	0.2789	0.1525	0.0828	0.0462



3D screen shot	Hot spot position
	

**MEASUREMENT 48**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 21 seconds

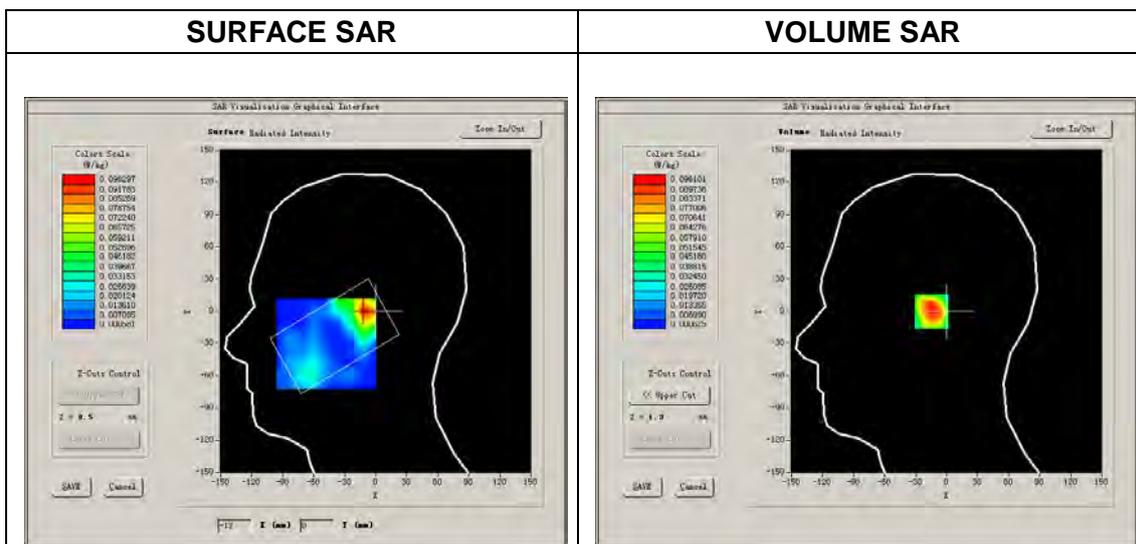
**A. Experimental conditions.**

<b>Phantom File</b>	<u>surf_sam_plan.txt</u>
<b>Phantom</b>	<u>Left head</u>
<b>Device Position</b>	<u>Tilt</u>
<b>Band</b>	<u>LTE band 2</u>
<b>Channels</b>	<u>Low</u>
<b>Signal</b>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.299999
<b>Conductivity (S/m)</b>	1.521102
<b>Power drift (%)</b>	-7.080000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

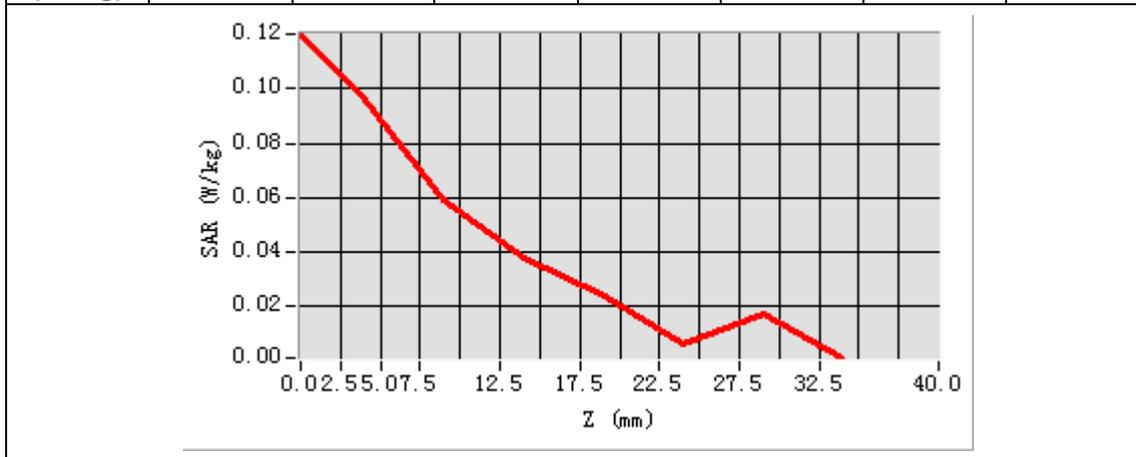


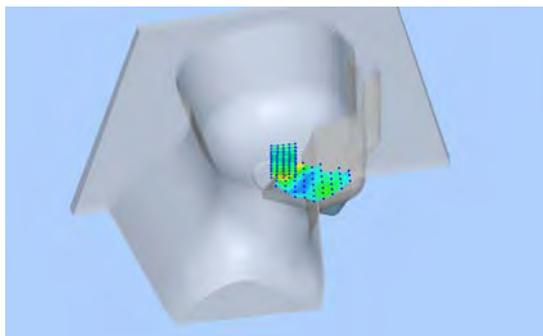
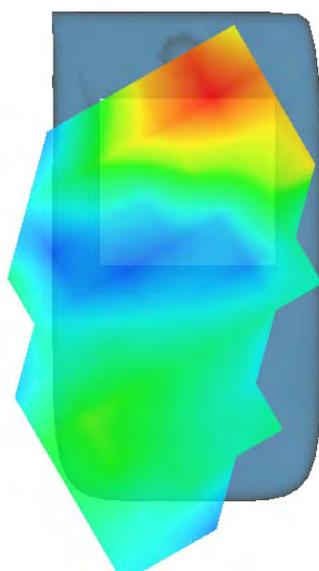
Maximum location: X=-9.00, Y=0.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.047557
SAR 1g (W/Kg)	0.094930

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1203	0.0961	0.0588	0.0379	0.0233	0.0056	0.0171



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 49**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 21 seconds

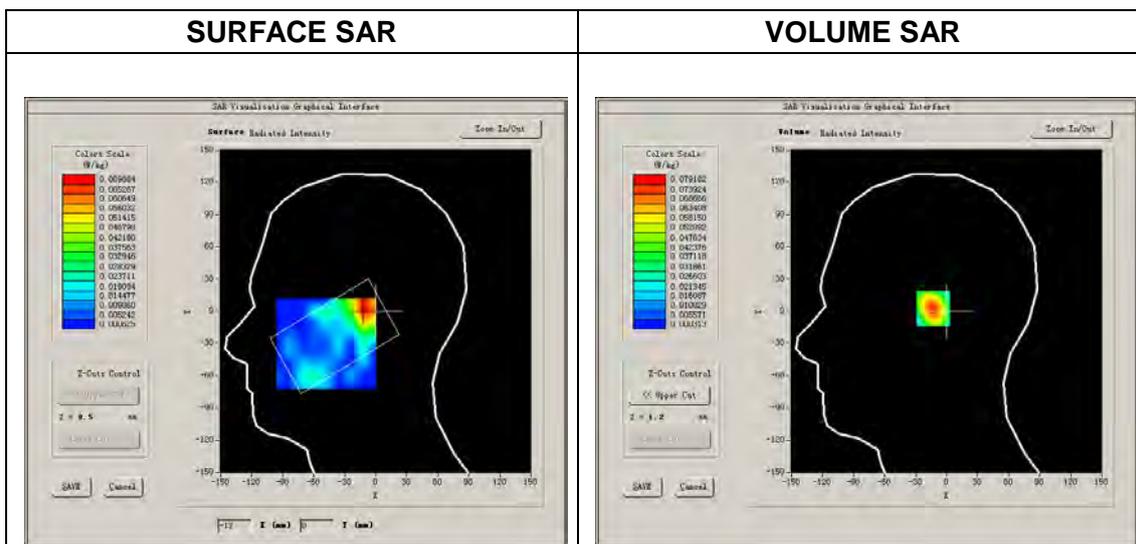
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1879.500000
<b>Relative permittivity (real part)</b>	53.299999
<b>Conductivity (S/m)</b>	1.520724
<b>Power drift (%)</b>	-18.430000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.61
<b>Crest factor:</b>	1:1

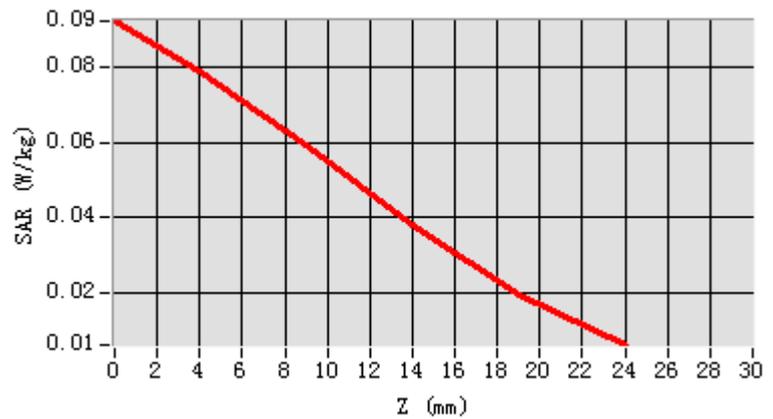


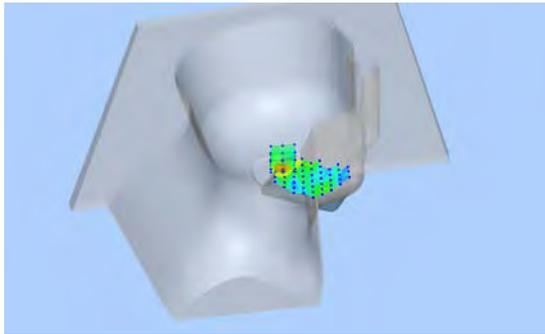
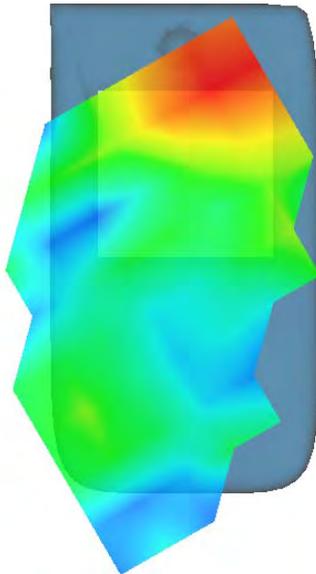
Maximum location: X=-10.00, Y=3.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.043277
SAR 1g (W/Kg)	0.073208

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0923	0.0792	0.0593	0.0382	0.0193



3D screen shot	Hot spot position
	



**MEASUREMENT 50**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 0 seconds

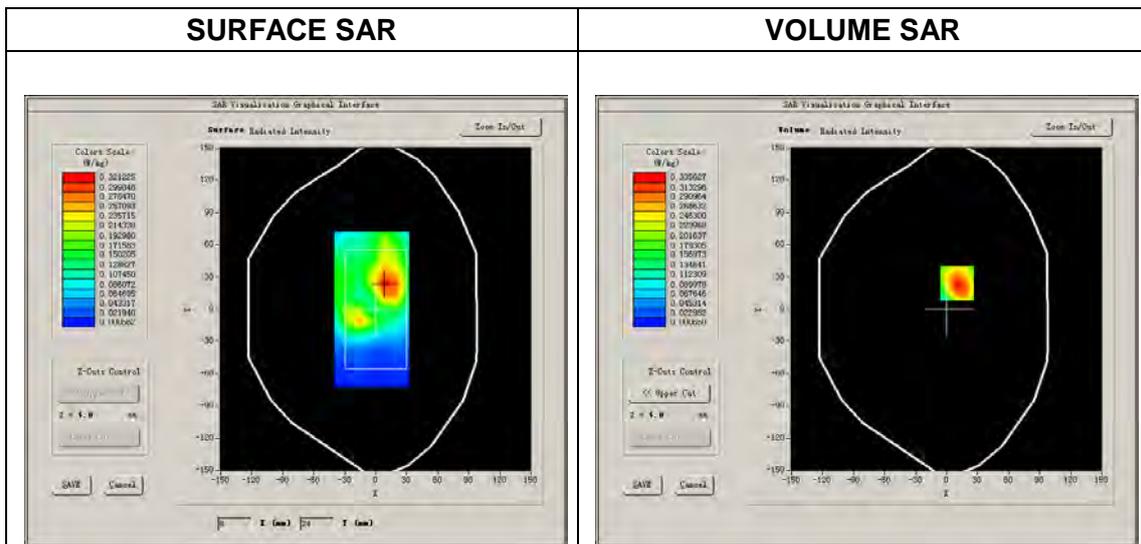
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

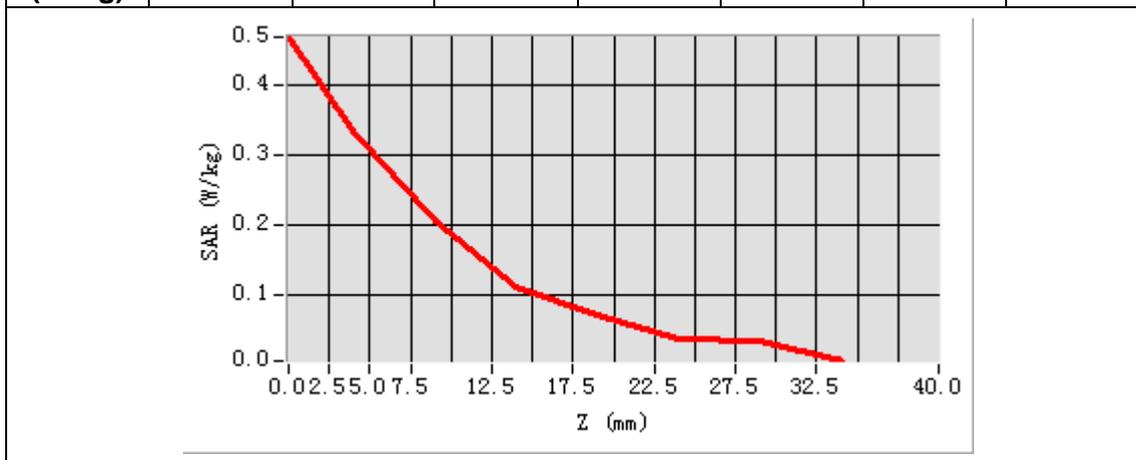


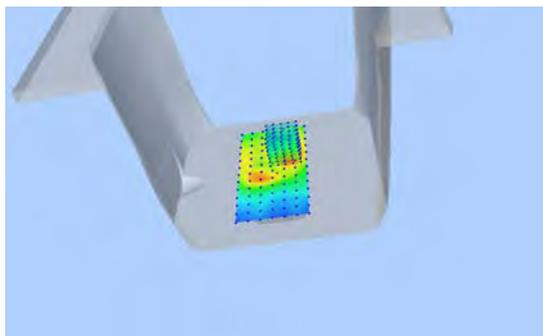
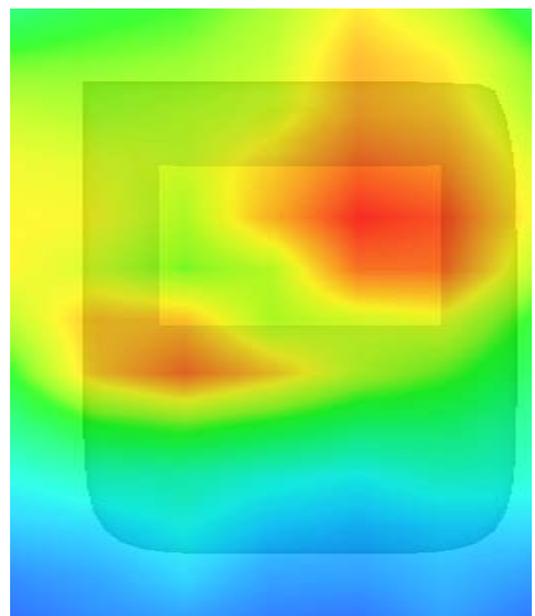
Maximum location: X=10.00, Y=24.00

SAR Peak: 0.47 W/kg

SAR 10g (W/Kg)	0.176739
SAR 1g (W/Kg)	0.311563

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4692	0.3356	0.2054	0.1113	0.0716	0.0374	0.0350



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 51**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 9 minutes 33 seconds

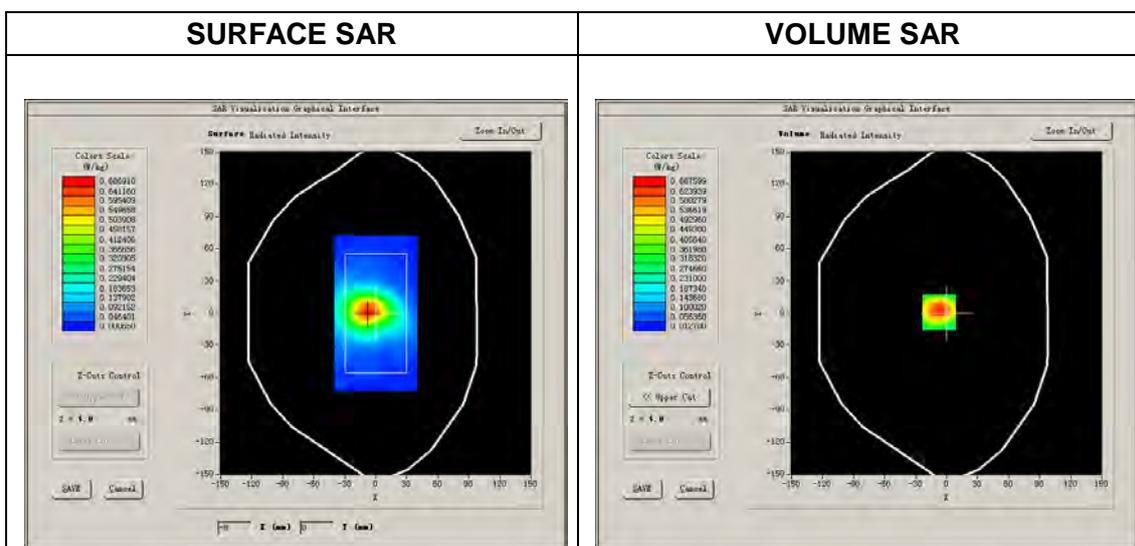
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

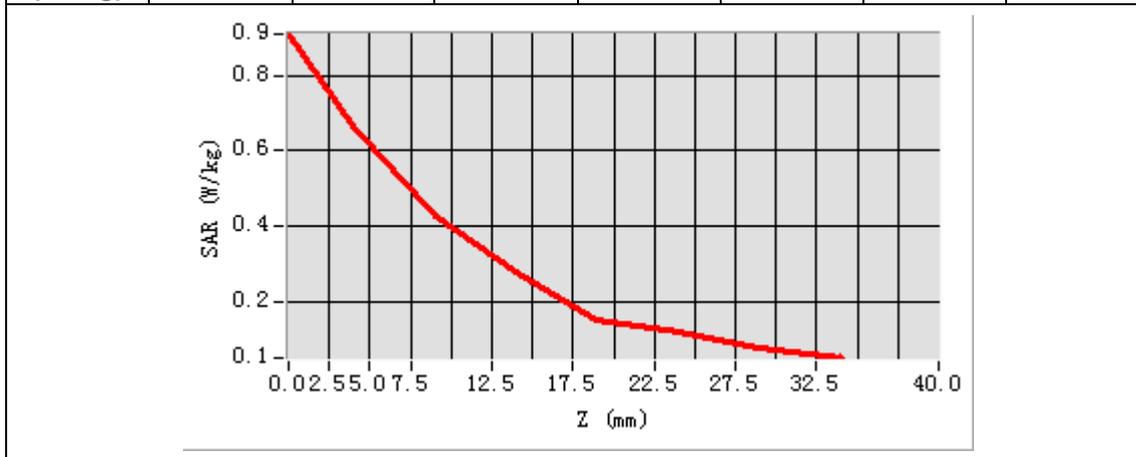


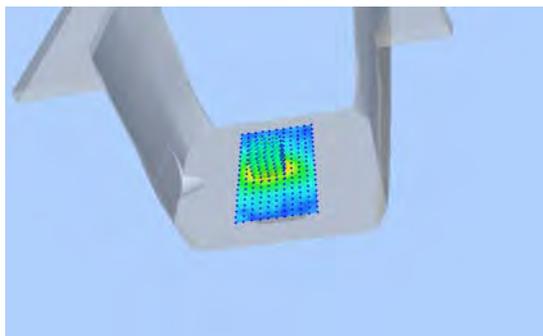
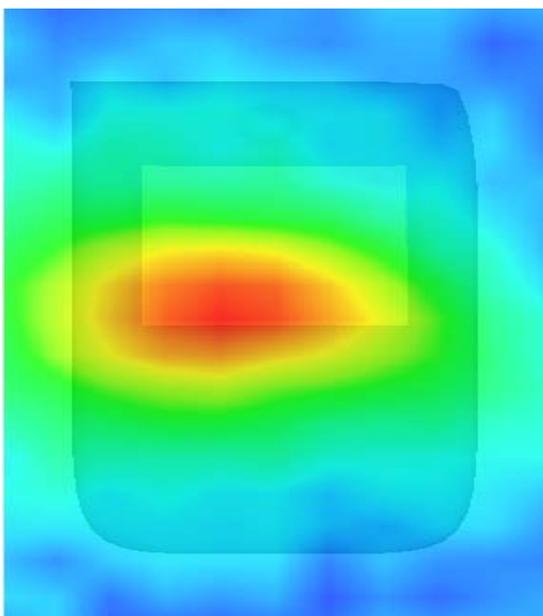
Maximum location: X=-7.00, Y=1.00

SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.357590
SAR 1g (W/Kg)	0.625476

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9085	0.6676	0.4281	0.2786	0.1527	0.1179	0.0755



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 52**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 57 seconds

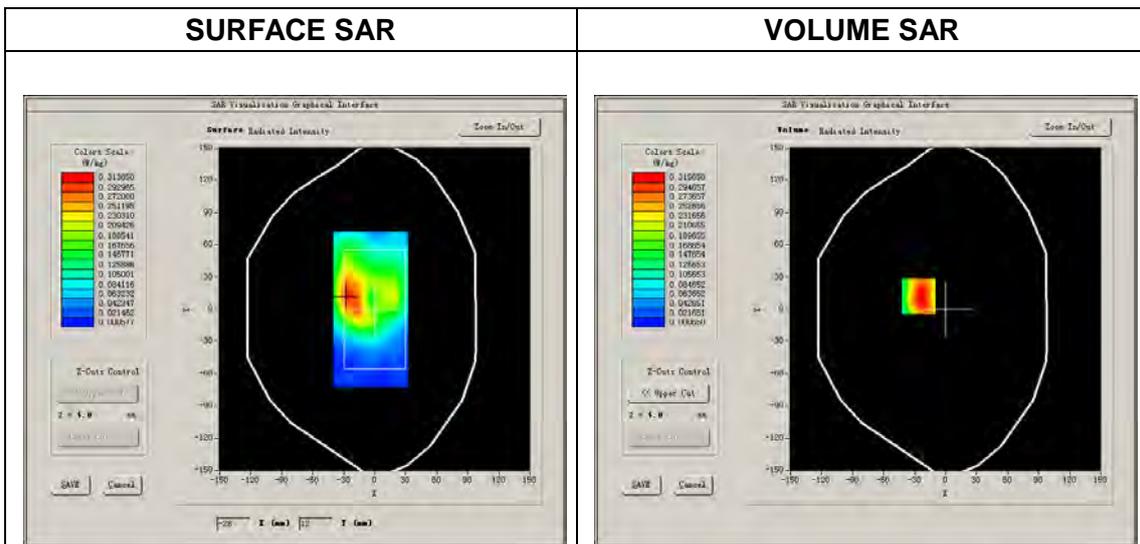
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	LTE band 2
<b>Channels</b>	Low
<b>Signal</b>	LTE

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

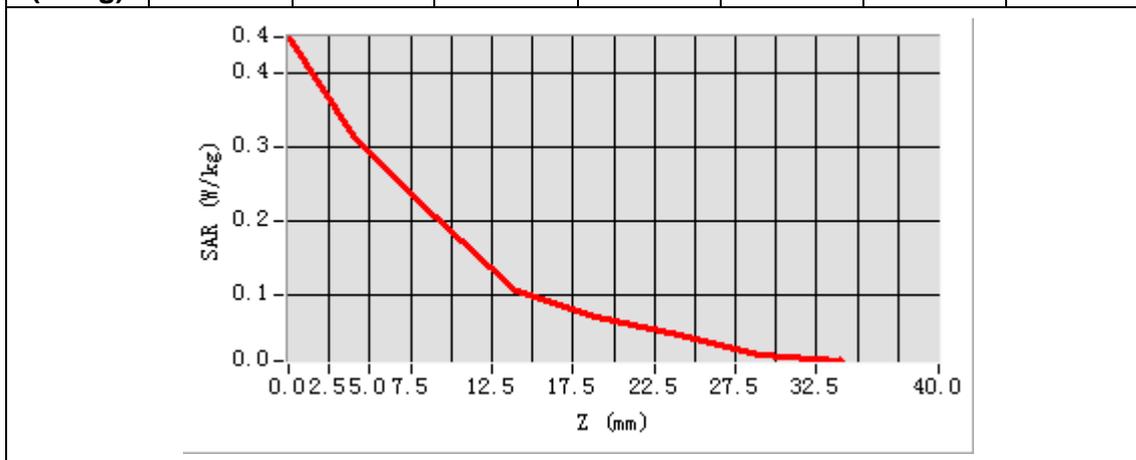


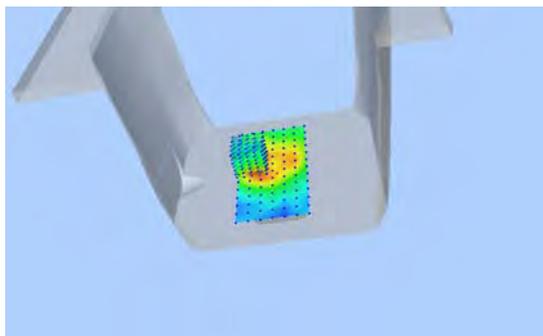
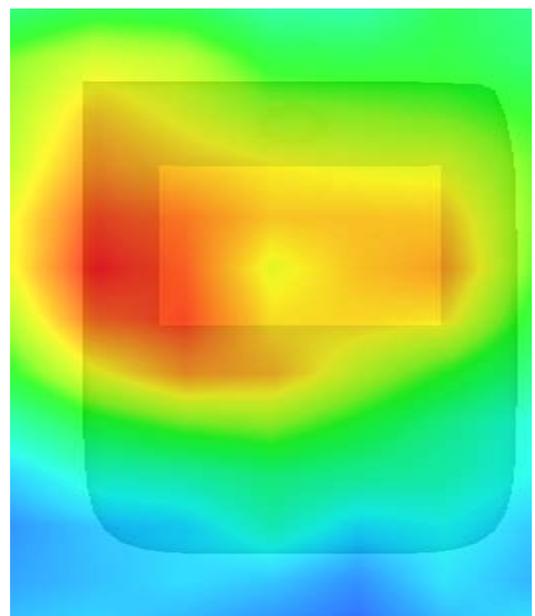
Maximum location: X=-26.00, Y=12.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.174077
SAR 1g (W/Kg)	0.305553

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4483	0.3157	0.2050	0.1051	0.0714	0.0449	0.0185



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 53**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 0 seconds

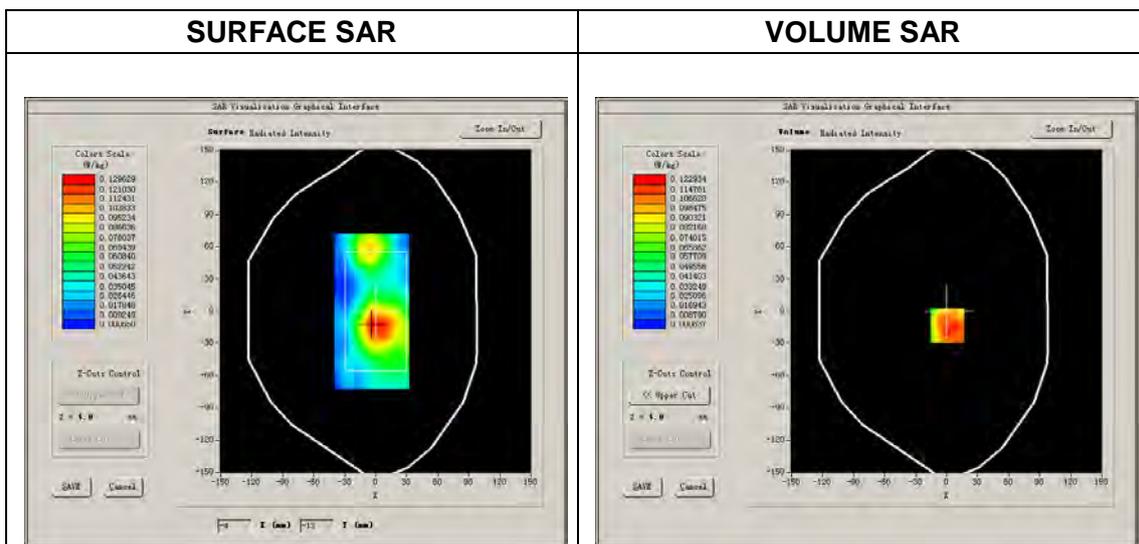
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

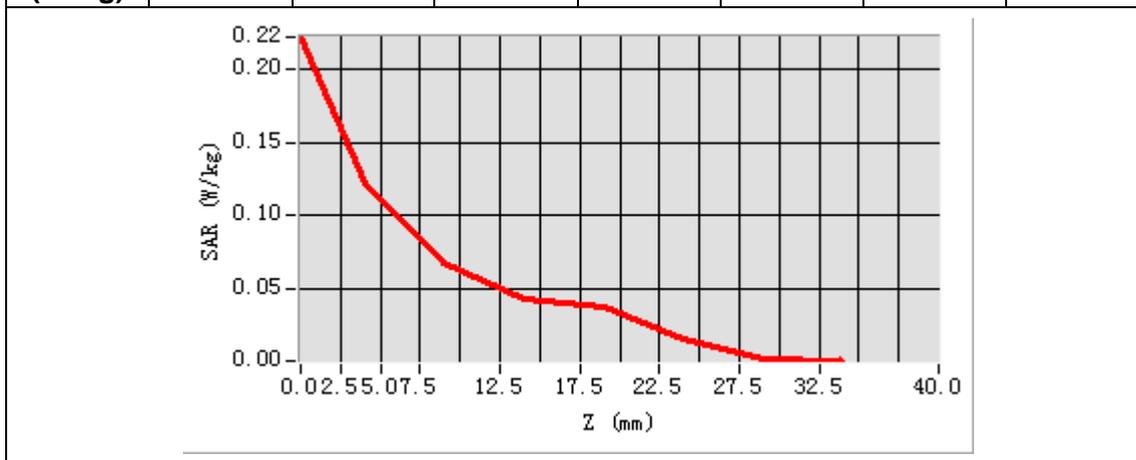


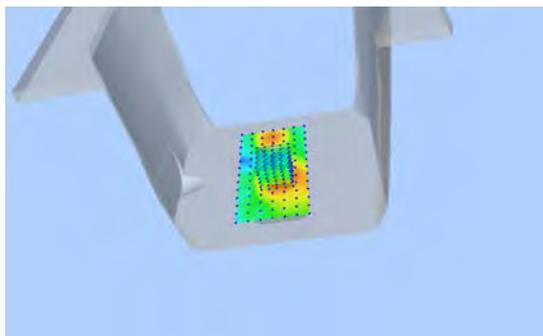
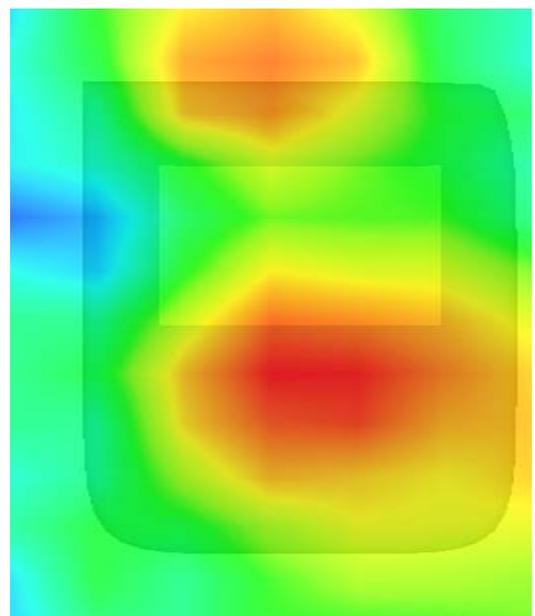
Maximum location: X=1.00, Y=-13.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.073112
SAR 1g (W/Kg)	0.125635

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2221	0.1229	0.0680	0.0425	0.0380	0.0151	0.0023



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 54**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 58 seconds

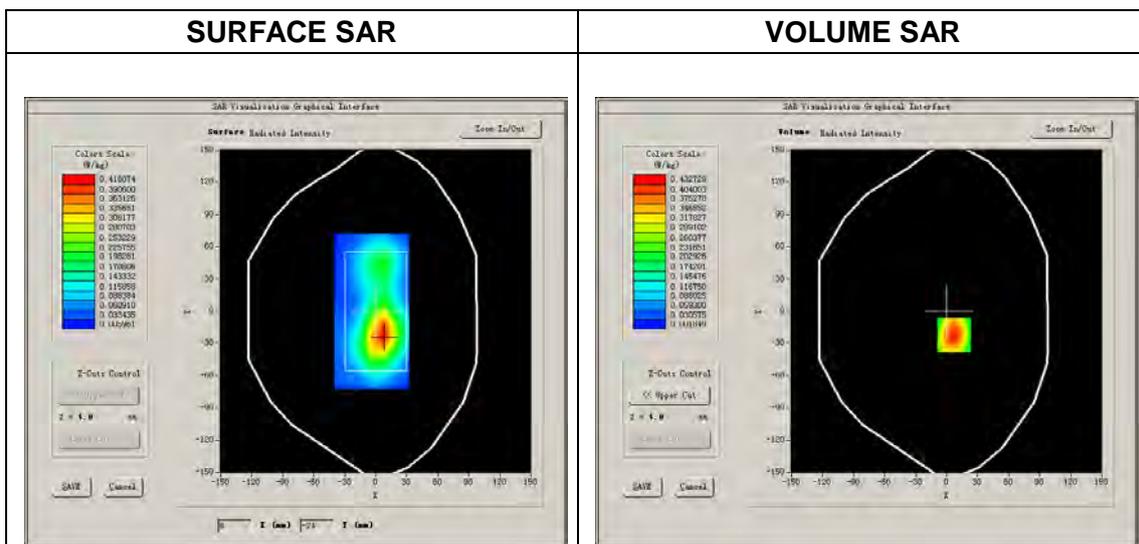
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	<u>Low</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Lower Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

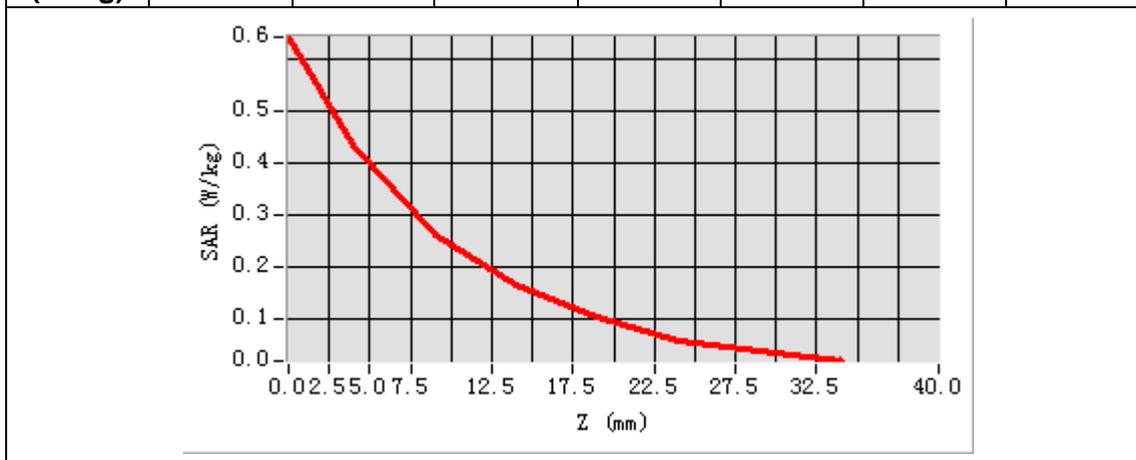


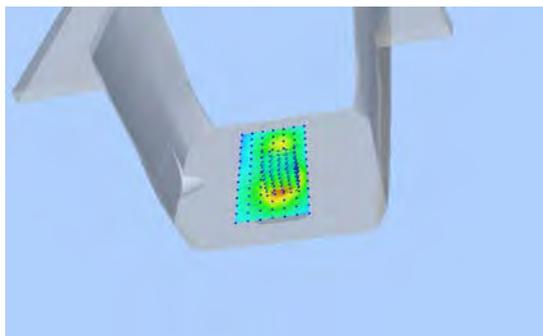
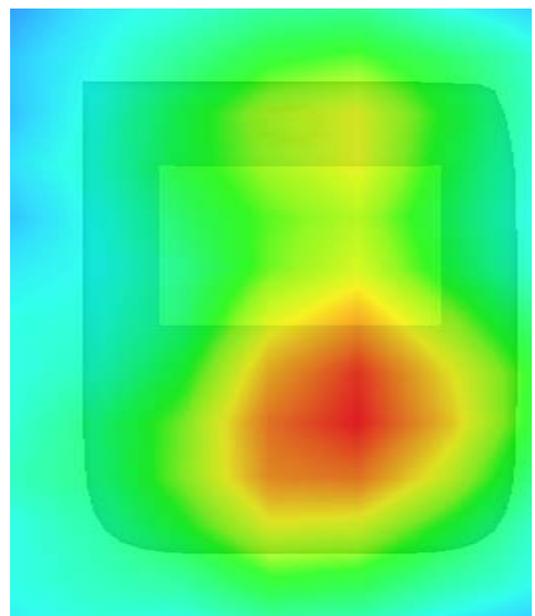
Maximum location: X=7.00, Y=-22.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.235884
SAR 1g (W/Kg)	0.411934

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6423	0.4327	0.2606	0.1625	0.1008	0.0562	0.0352



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 55**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 58 seconds

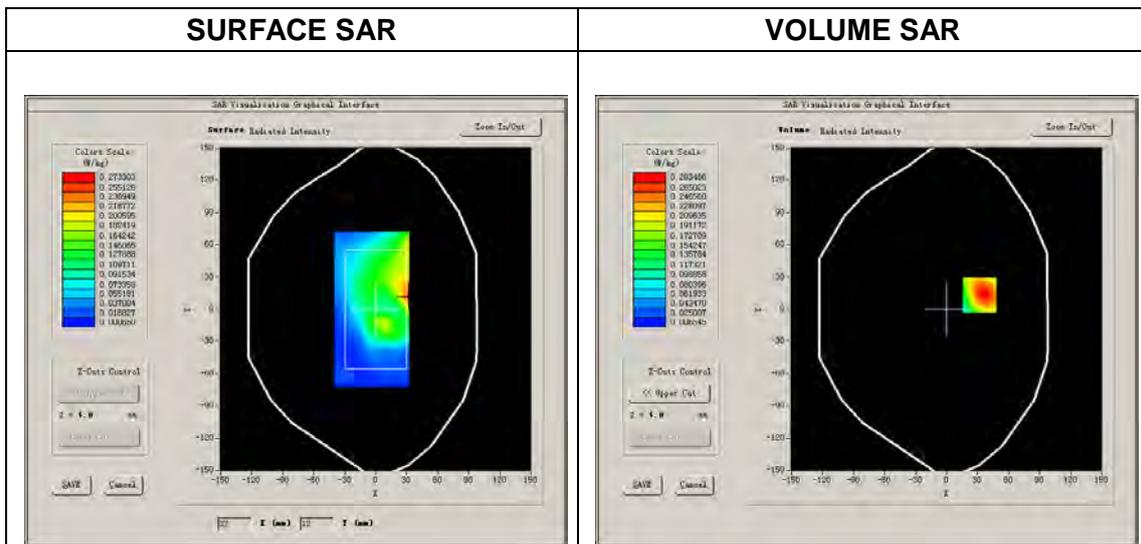
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

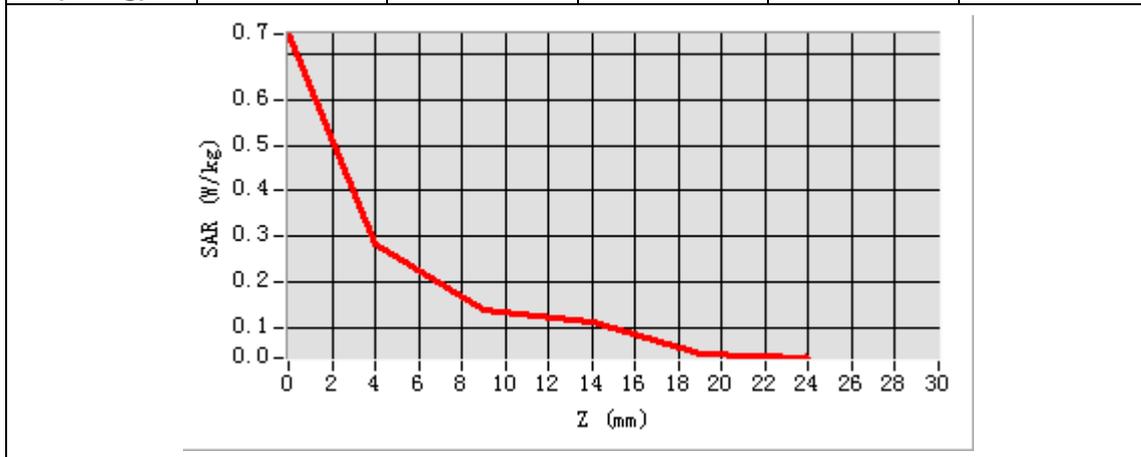


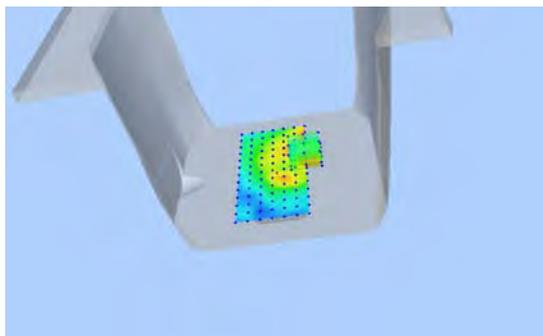
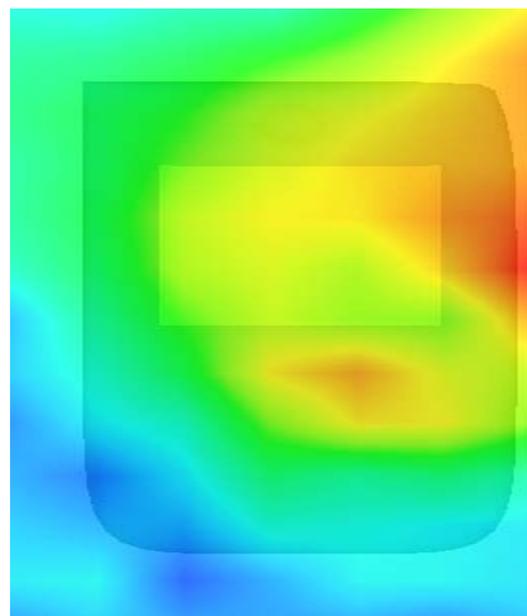
Maximum location: X=32.00, Y=13.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.161872
SAR 1g (W/Kg)	0.273842

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7445	0.2835	0.1398	0.1114	0.0440



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 56**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 58 seconds

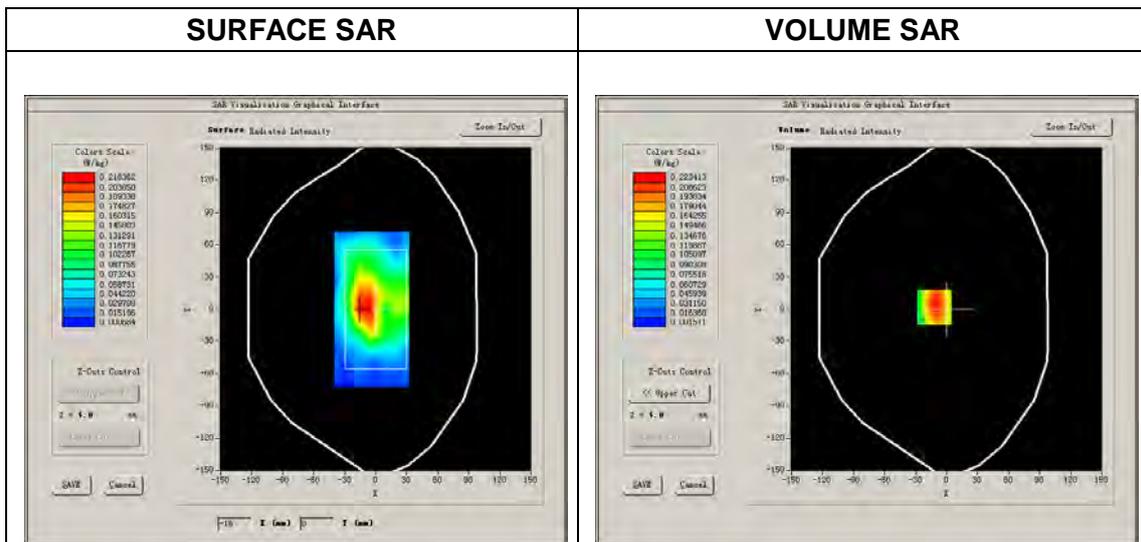
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

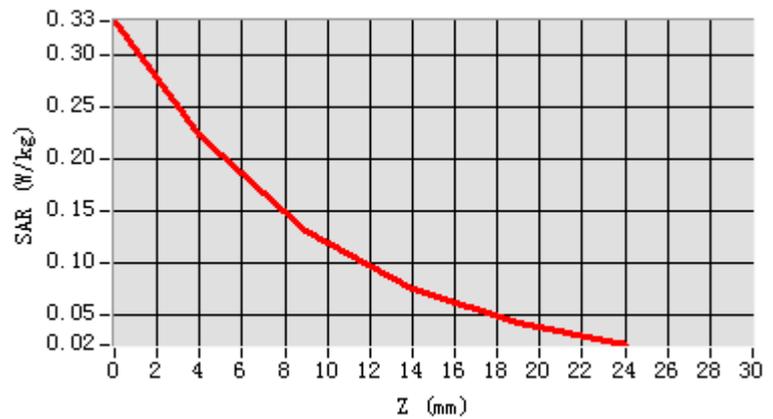


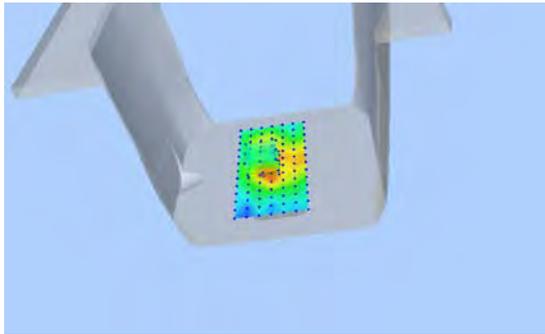
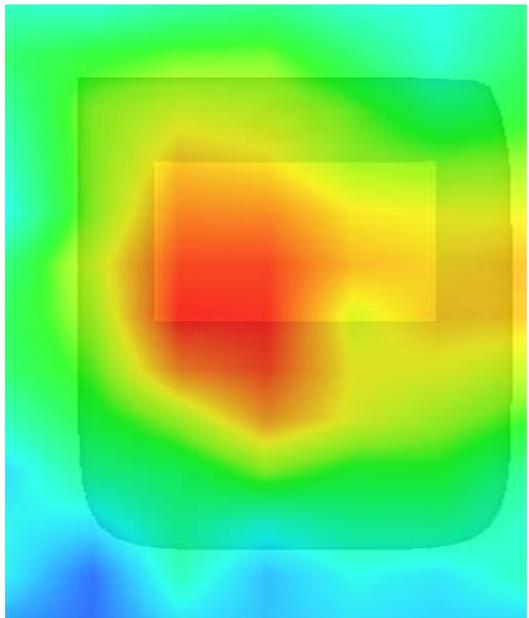
Maximum location: X=-12.00, Y=2.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.119263
SAR 1g (W/Kg)	0.212271

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3334	0.2234	0.1314	0.0756	0.0427



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 57**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 58 seconds

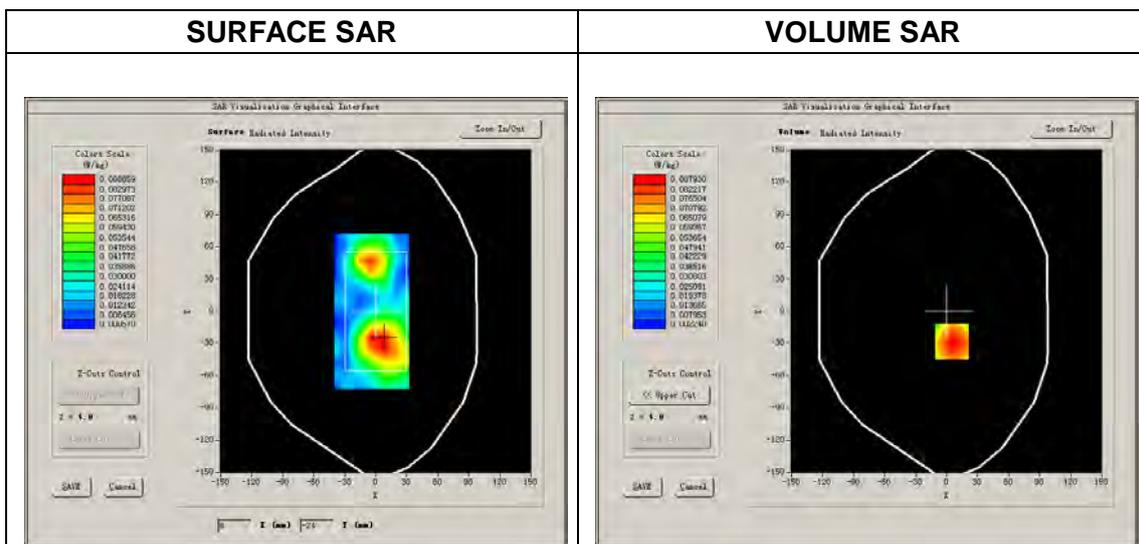
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

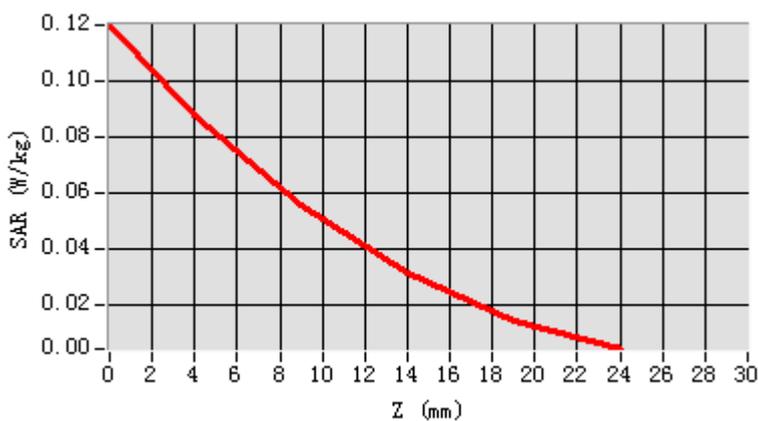


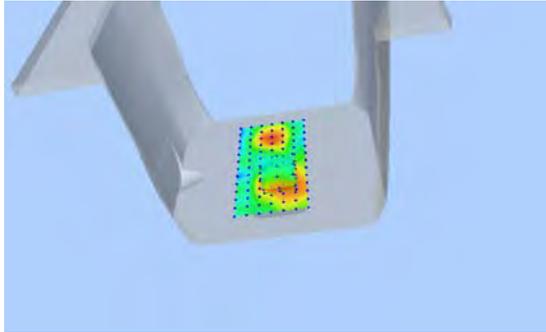
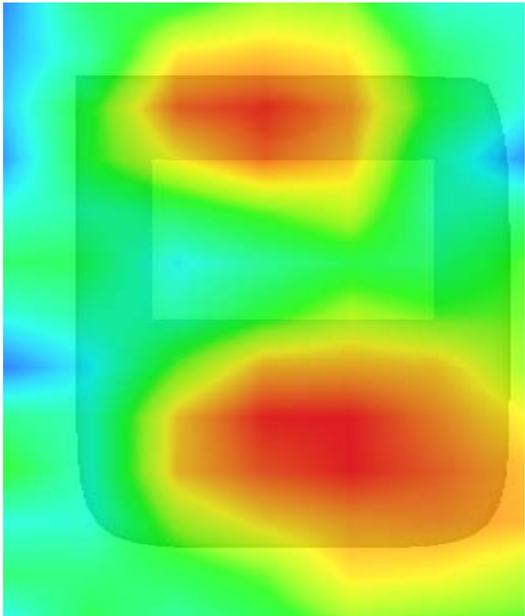
Maximum location: X=5.00, Y=-28.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.050219
SAR 1g (W/Kg)	0.084778

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1203	0.0879	0.0556	0.0315	0.0146



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 58**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 58 seconds

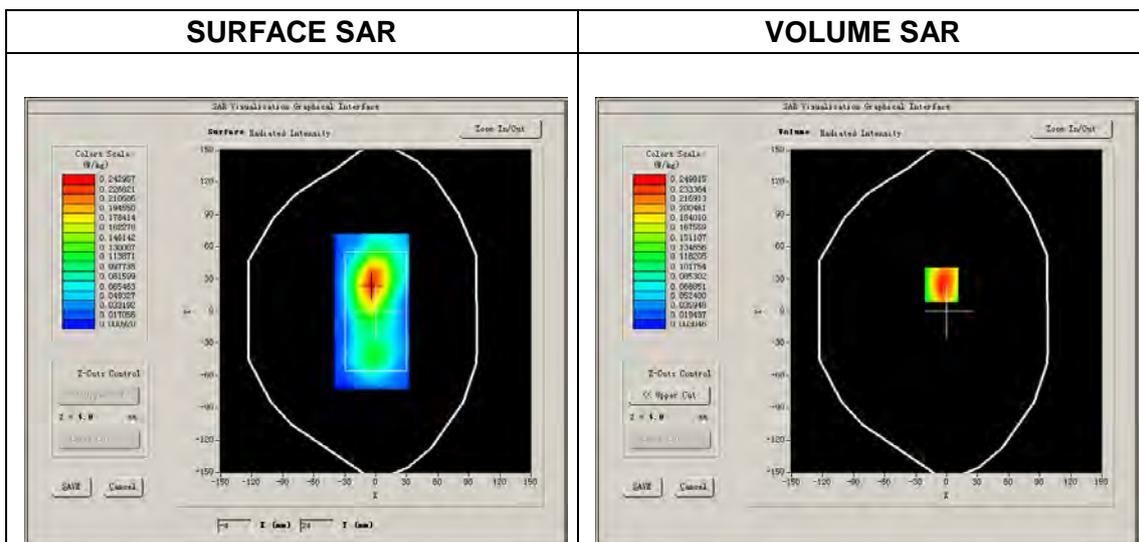
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	LTE band 2
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

Frequency (MHz)	1854.500000
Relative permittivity (real part)	53.295167
Conductivity (S/m)	1.515073
Power drift (%)	2.336000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	5.71
Crest factor:	1:1

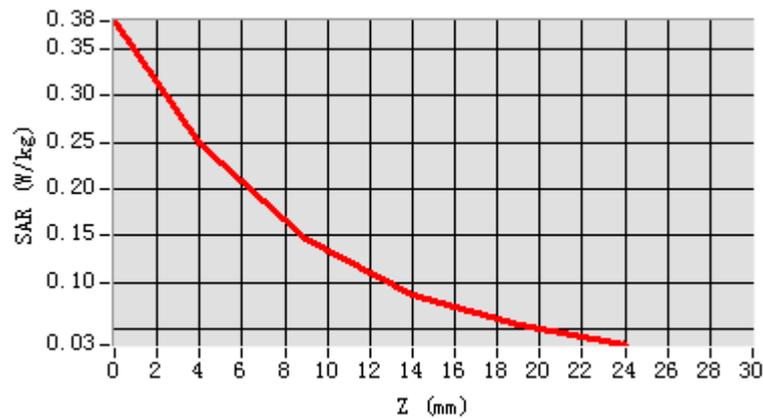


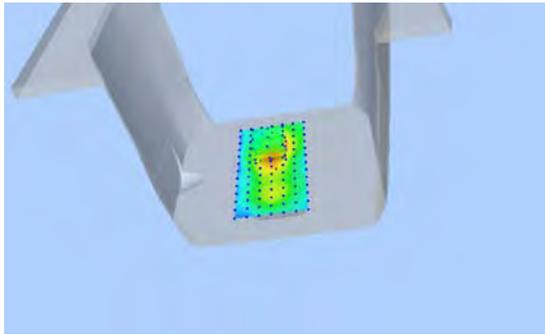
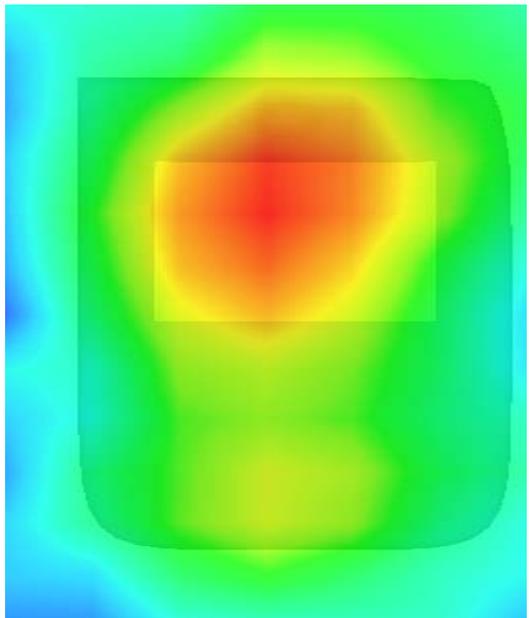
Maximum location: X=-5.00, Y=25.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.138347
SAR 1g (W/Kg)	0.237294

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3791	0.2498	0.1460	0.0867	0.0541



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 59**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 3 minutes 49 seconds

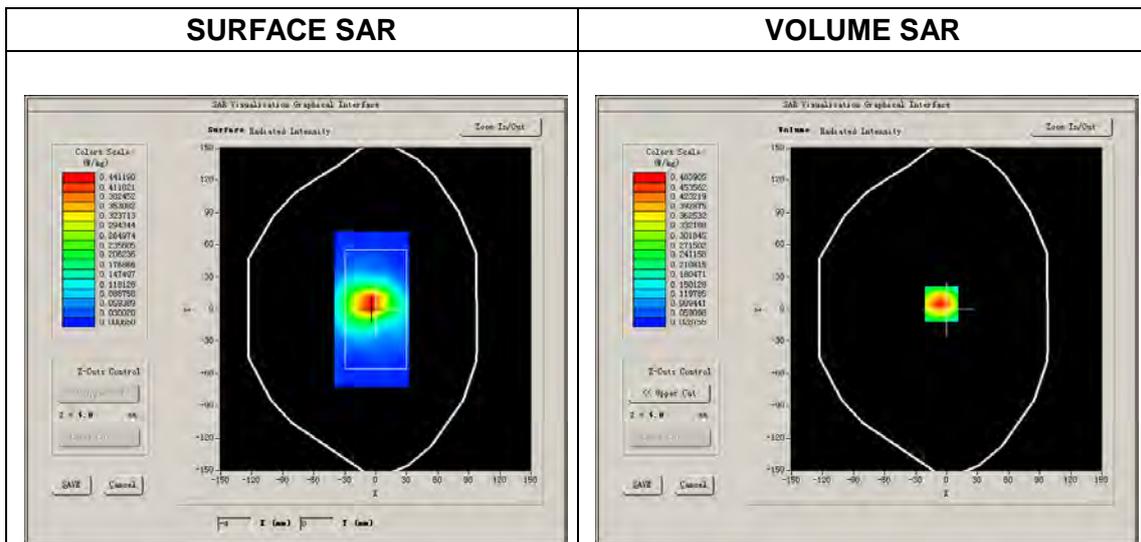
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	LTE band 2
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1854.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	2.336000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.71
<b>Crest factor:</b>	1:1

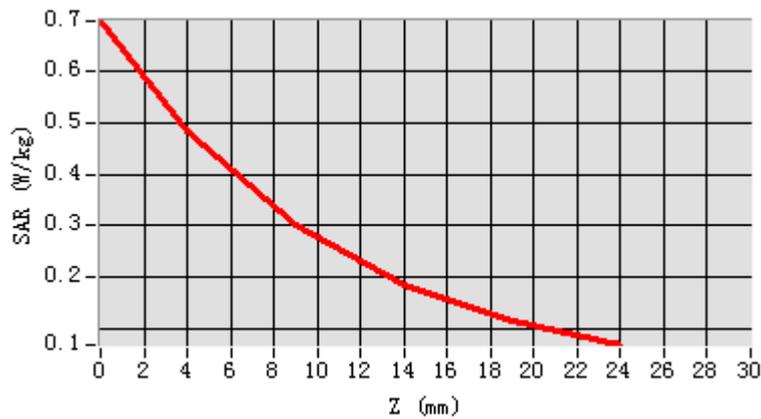


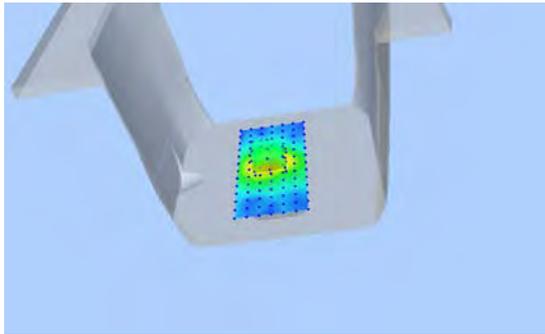
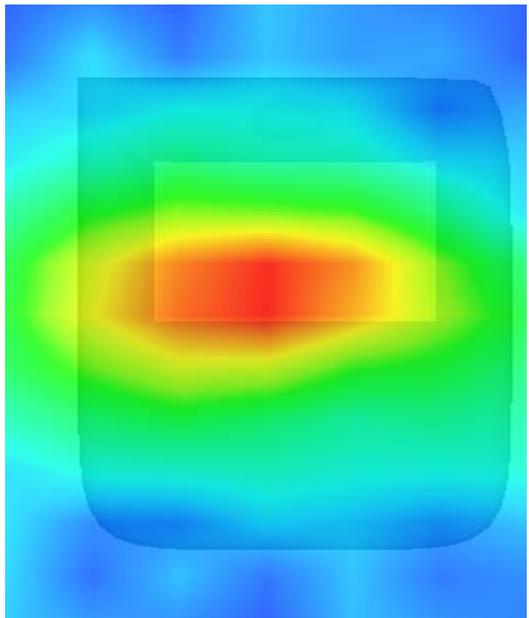
Maximum location: X=-5.00, Y=5.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.255227
SAR 1g (W/Kg)	0.450631

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6970	0.4839	0.3014	0.1870	0.1167



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 60**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 31 seconds

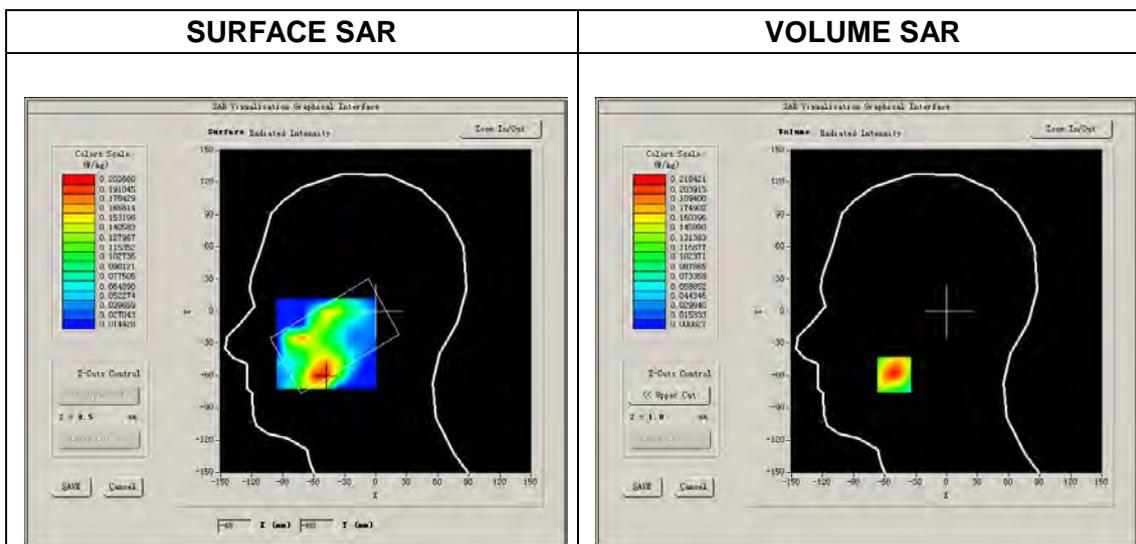
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

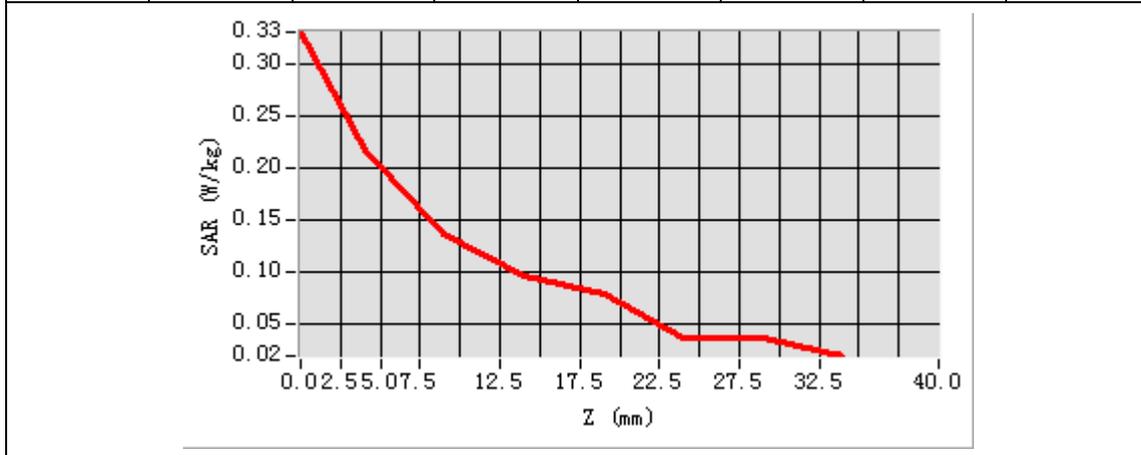


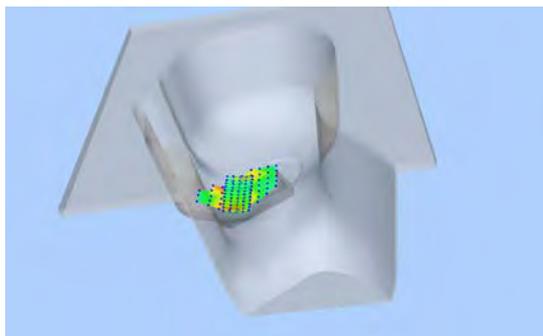
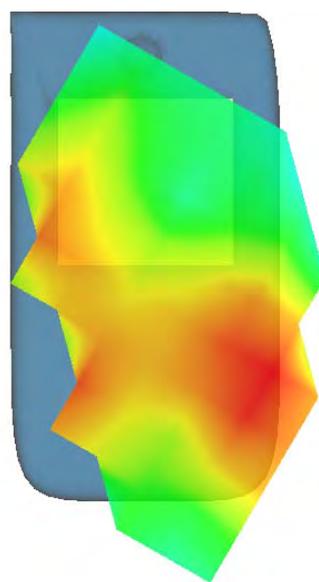
Maximum location: X=-51.00, Y=-59.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.127574
SAR 1g (W/Kg)	0.211370

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3313	0.2184	0.1359	0.0955	0.0797	0.0361	0.0363



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 61**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 41 seconds

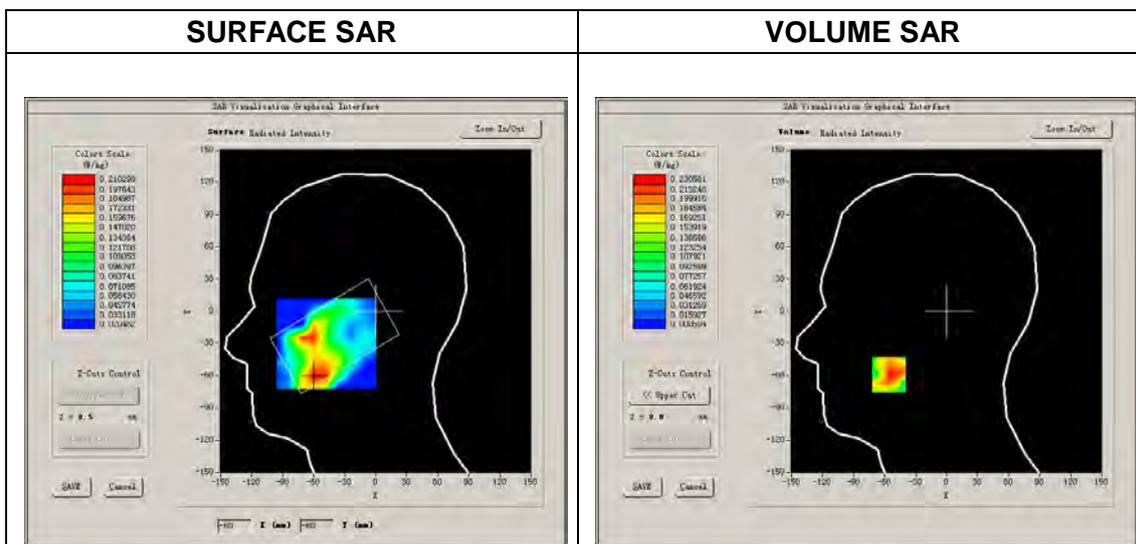
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

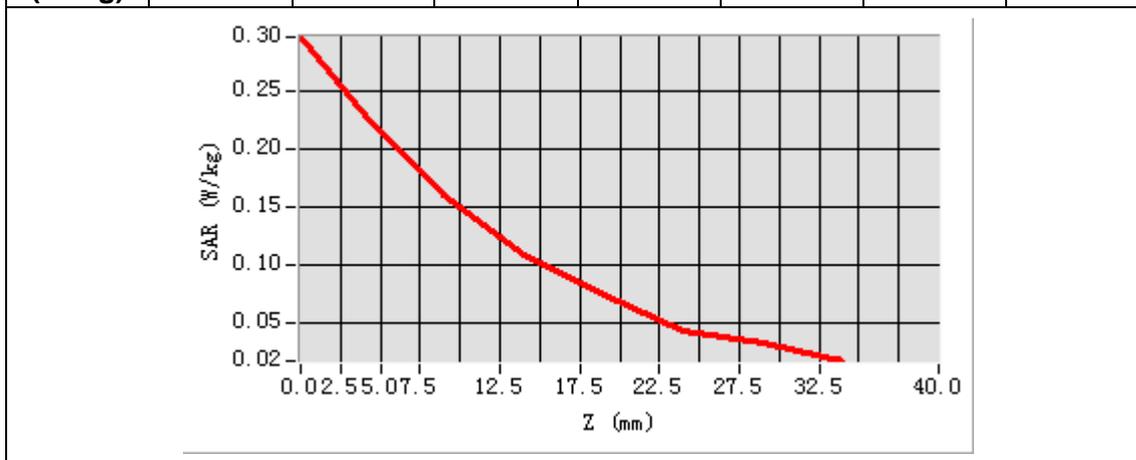


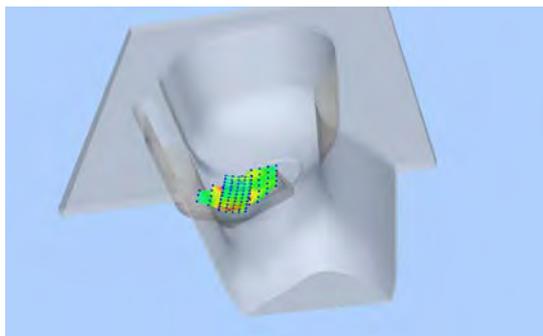
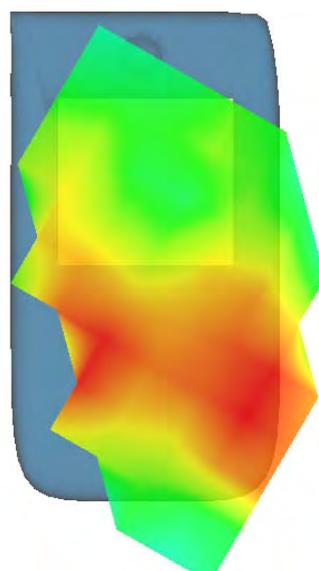
Maximum location: X=-56.00, Y=-59.00

SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.128980
SAR 1g (W/Kg)	0.216594

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2971	0.2306	0.1608	0.1088	0.0746	0.0443	0.0342



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 62**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 24 seconds

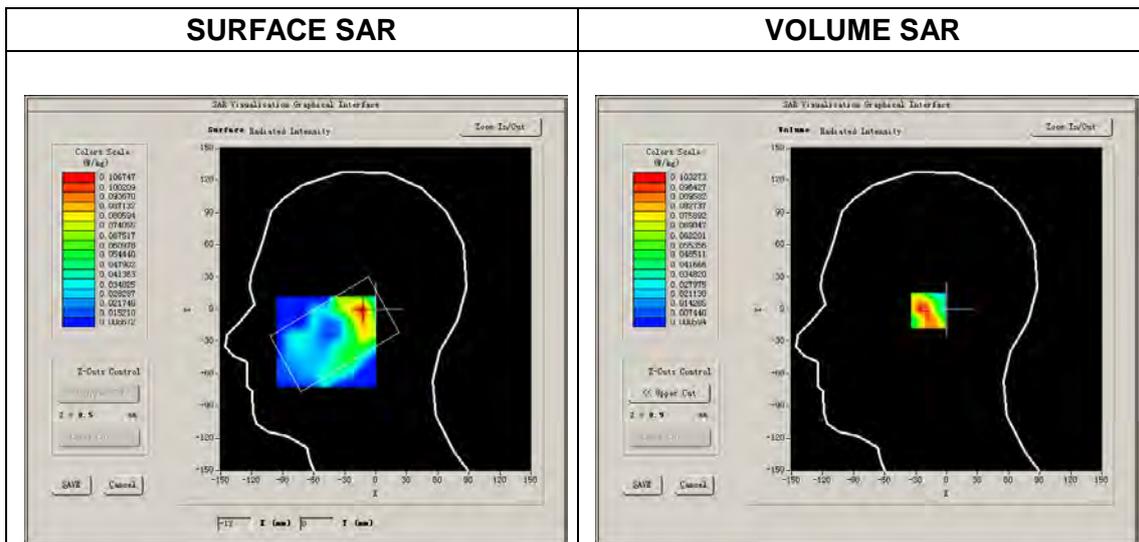
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

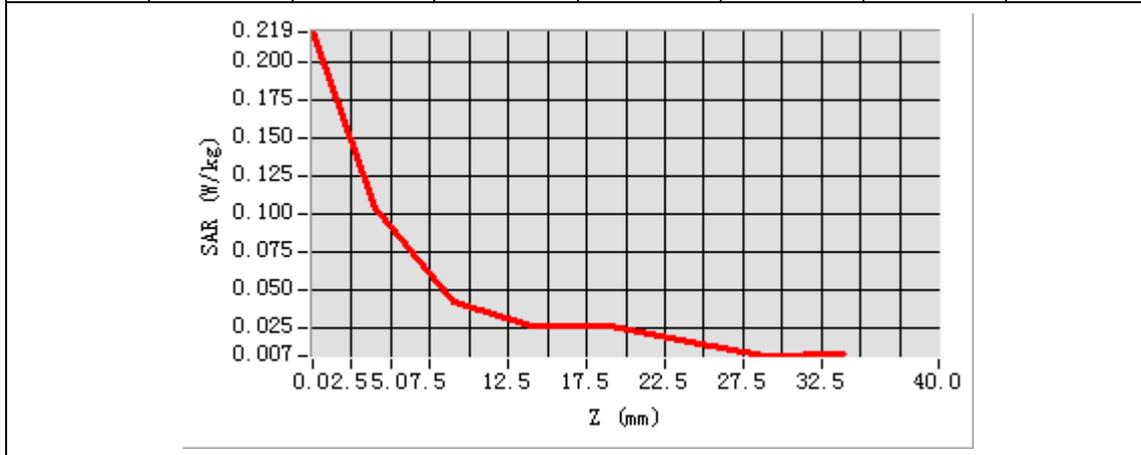


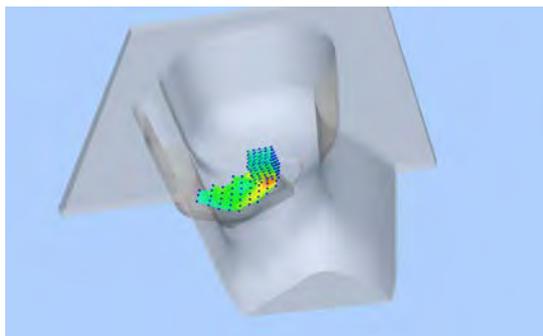
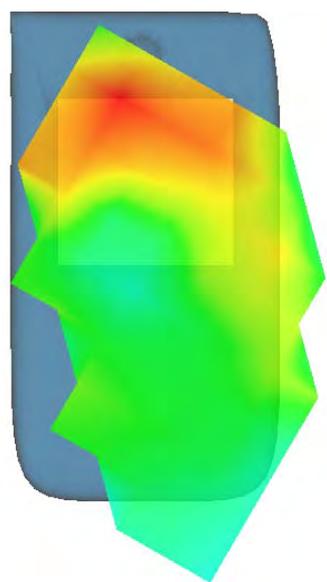
Maximum location: X=-13.00, Y=-1.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.056532
SAR 1g (W/Kg)	0.103521

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2190	0.1033	0.0422	0.0268	0.0260	0.0154	0.0069



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 63**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 35 seconds

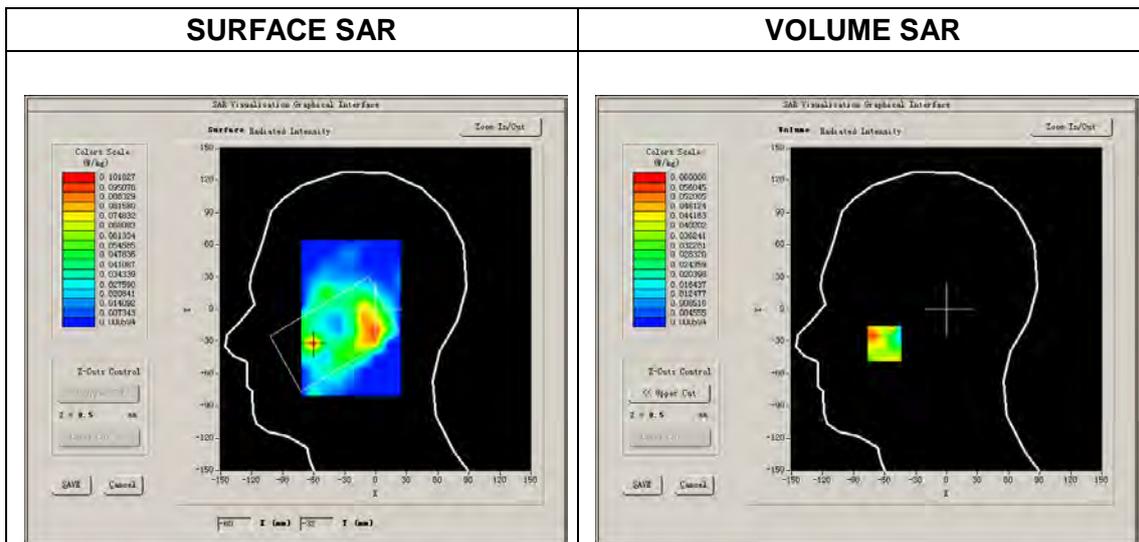
**A. Experimental conditions.**

<u>Phantom File</u>	<u>zinf5.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

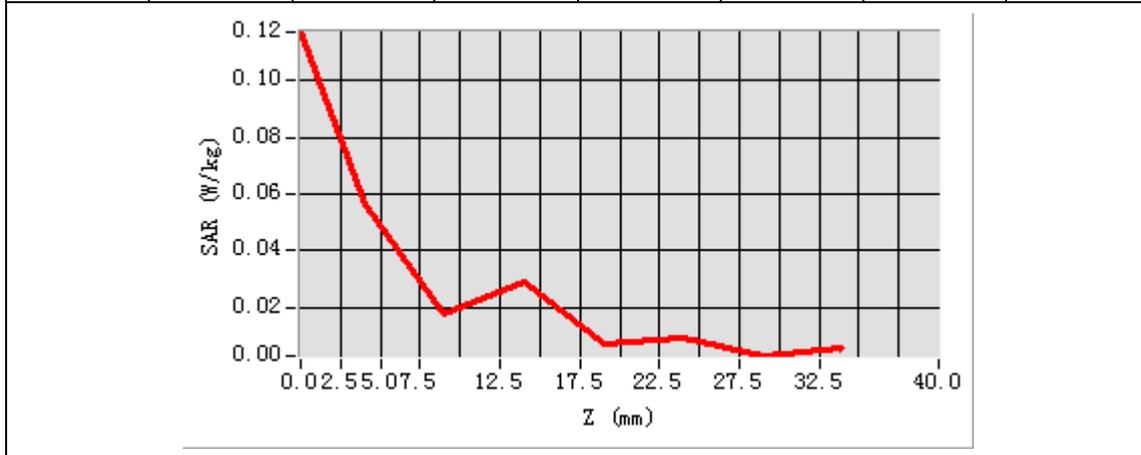


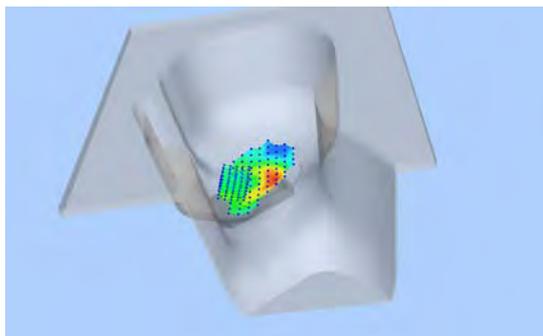
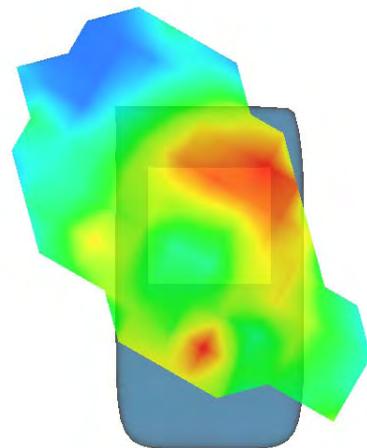
Maximum location: X=-60.00, Y=-32.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.027948
SAR 1g (W/Kg)	0.046125

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1170	0.0565	0.0175	0.0288	0.0068	0.0090	0.0028



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 64**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 9 minutes 26 seconds

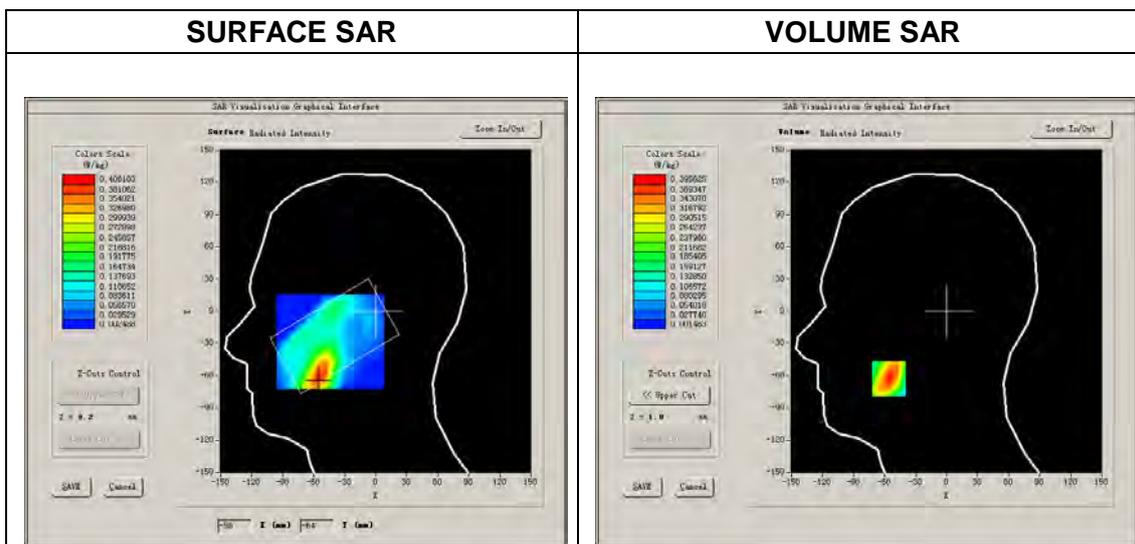
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

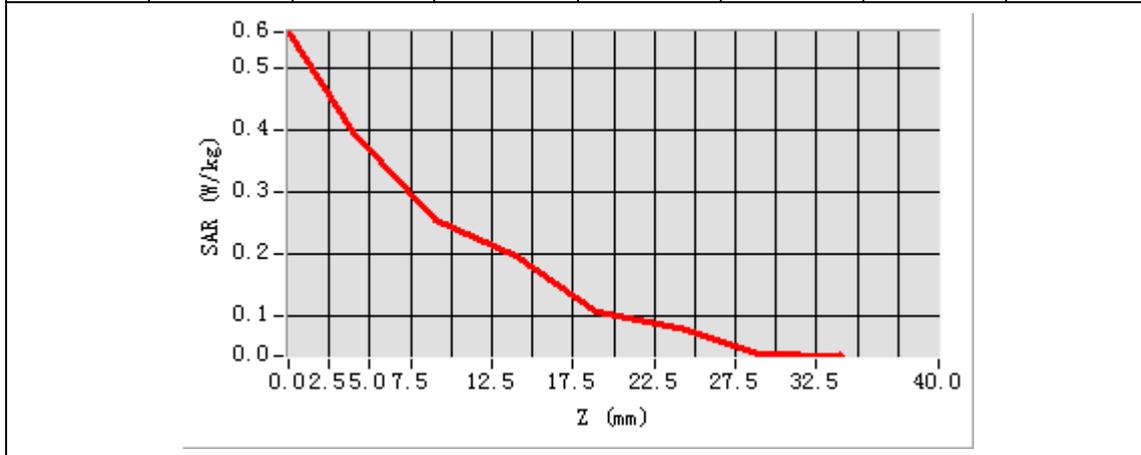


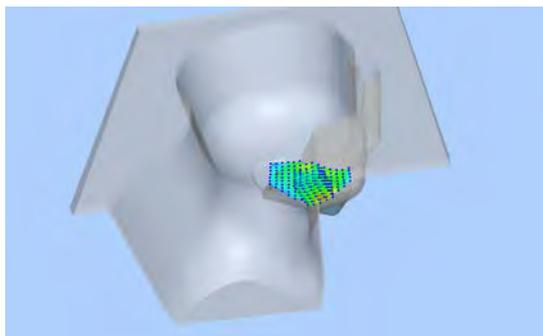
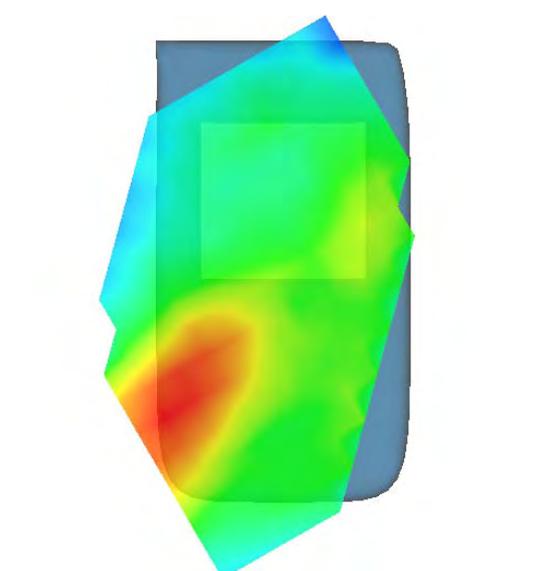
Maximum location: X=-56.00, Y=-63.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.221768
SAR 1g (W/Kg)	0.378351

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5586	0.3956	0.2558	0.1960	0.1066	0.0807	0.0386



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 65**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 32 seconds

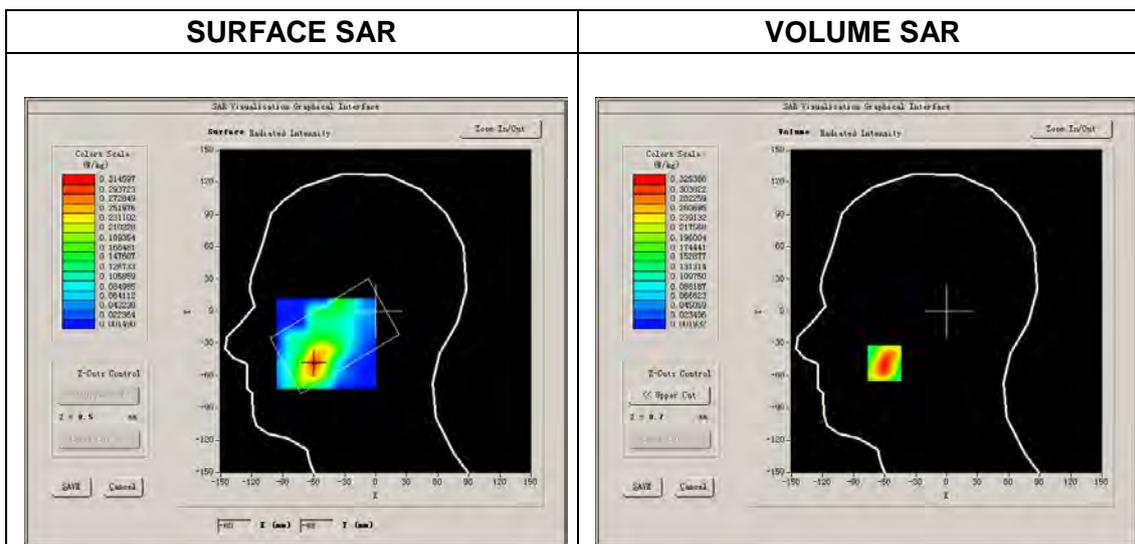
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

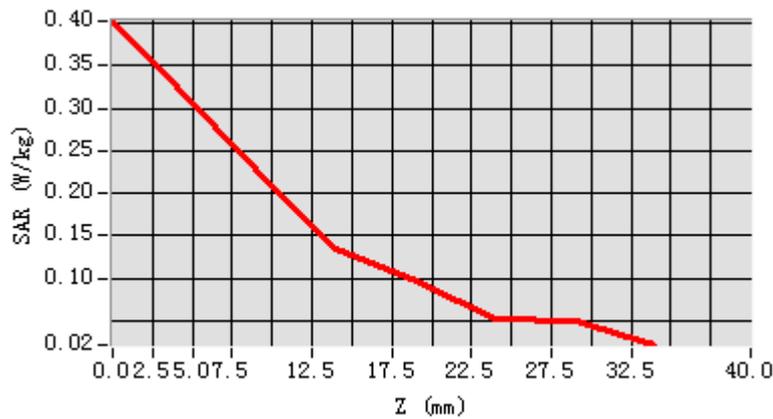


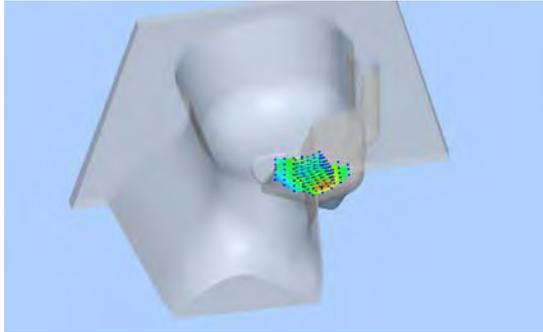
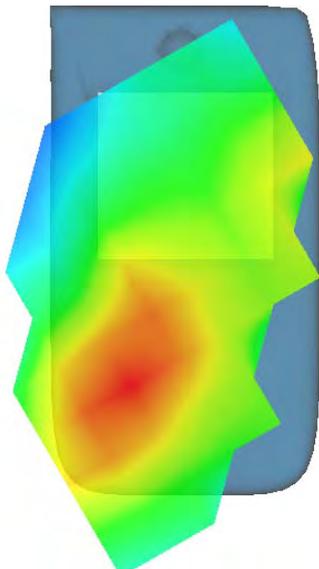
Maximum location: X=-60.00, Y=-48.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.179119
SAR 1g (W/Kg)	0.304807

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4023	0.3254	0.2286	0.1341	0.0959	0.0535	0.0495



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 66**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 34 seconds

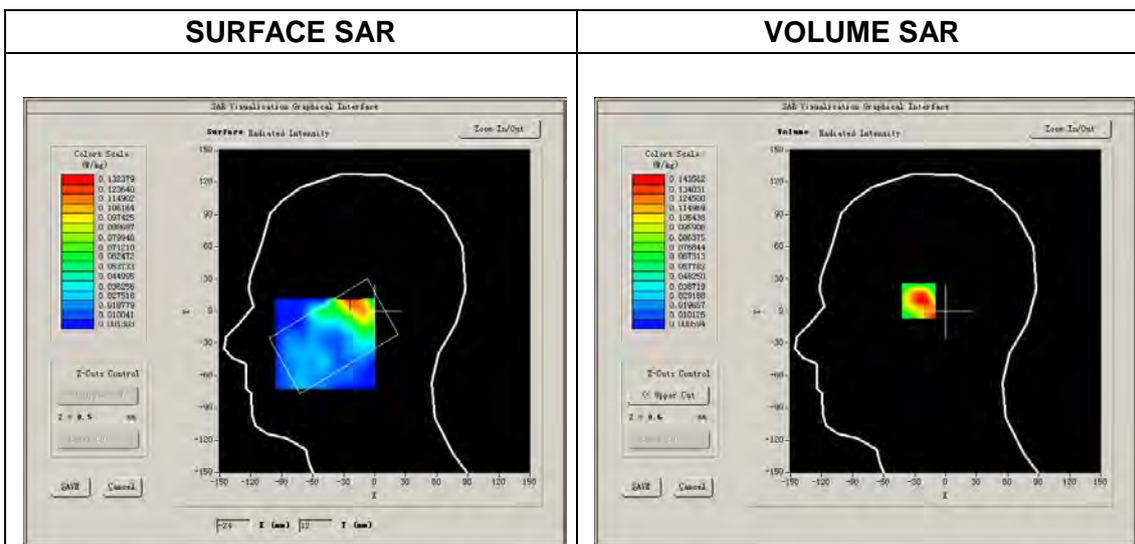
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

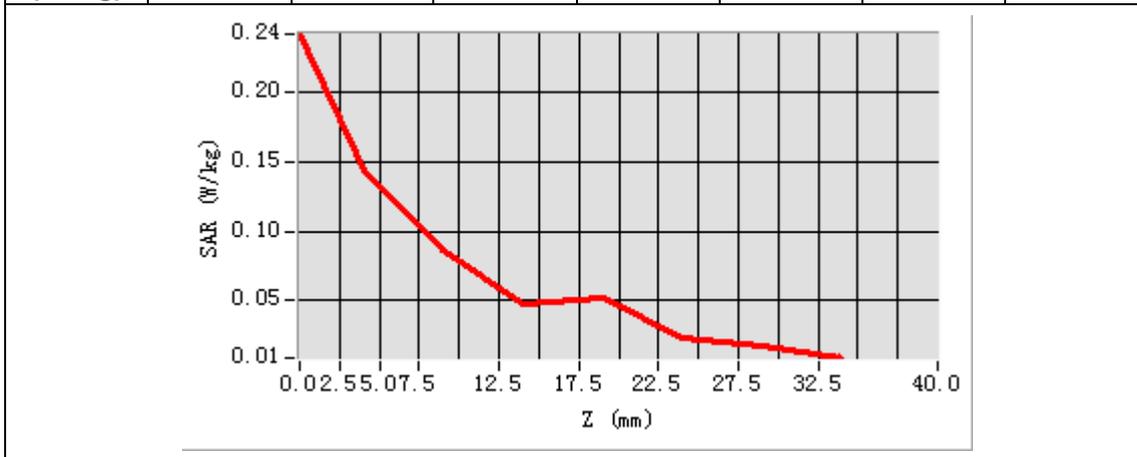


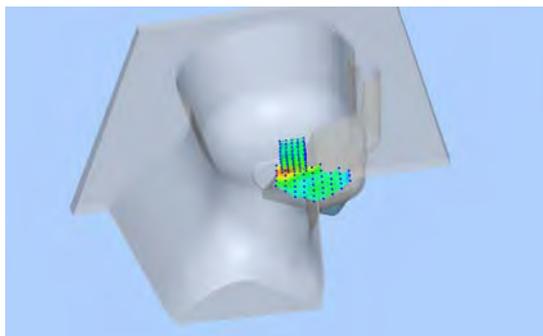
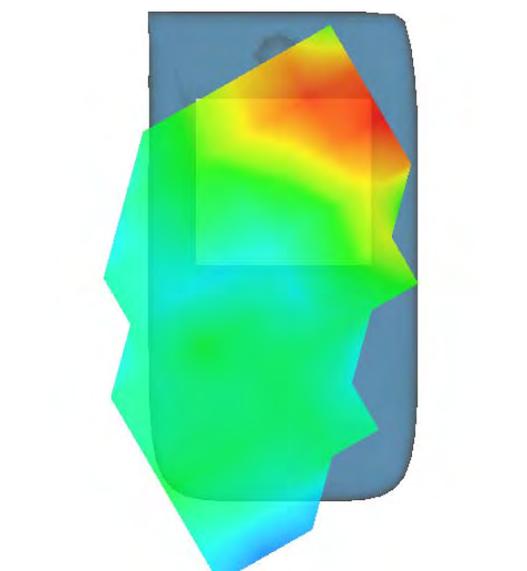
Maximum location: X=-24.00, Y=12.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.079091
SAR 1g (W/Kg)	0.146364

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2415	0.1436	0.0858	0.0477	0.0517	0.0231	0.0175



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 67**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 36 seconds

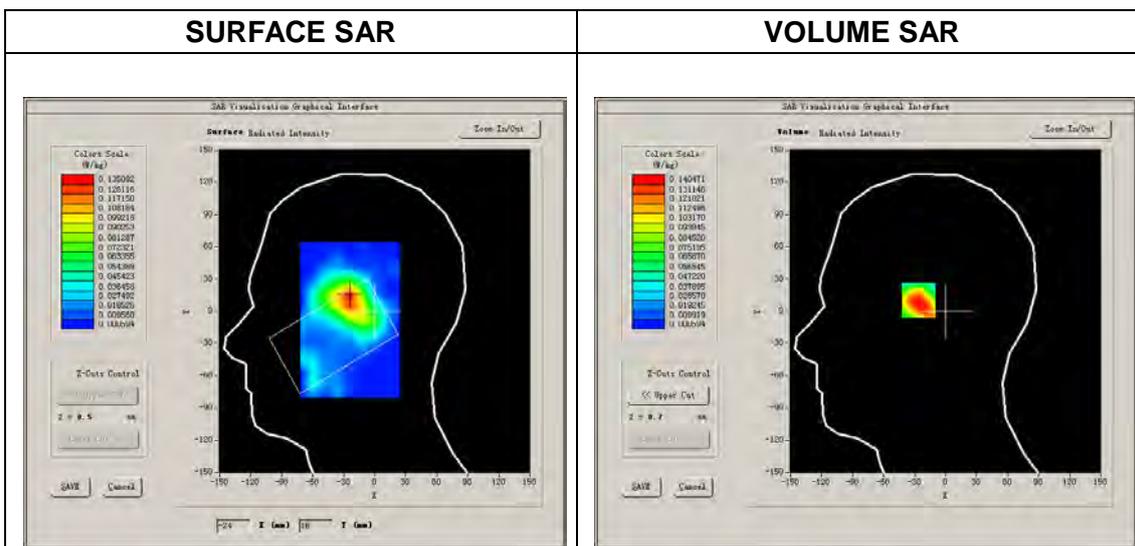
**A. Experimental conditions.**

<b>Phantom File</b>	<u>zinf5.txt, h= 5.00 mm</u>
<b>Phantom</b>	<u>Left head</u>
<b>Device Position</b>	<u>Tilt</u>
<b>Band</b>	<u>LTE band 4</u>
<b>Channels</b>	<u>Middle</u>
<b>Signal</b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	40.095167
<b>Conductivity (S/m)</b>	1.365073
<b>Power drift (%)</b>	-2.959999
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.21
<b>Crest factor:</b>	1:1

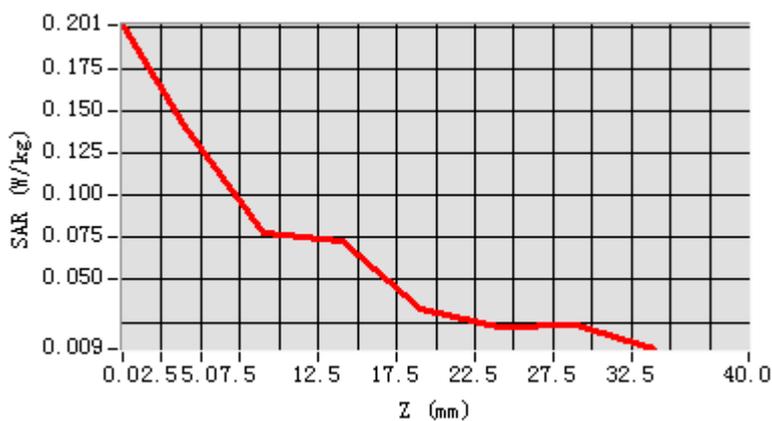


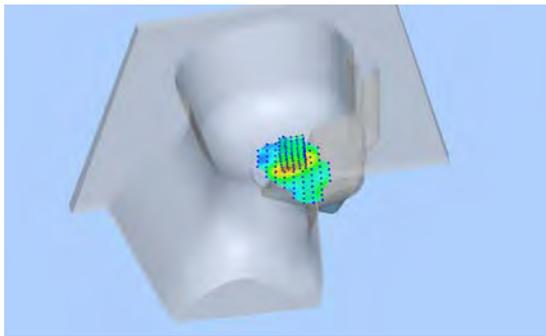
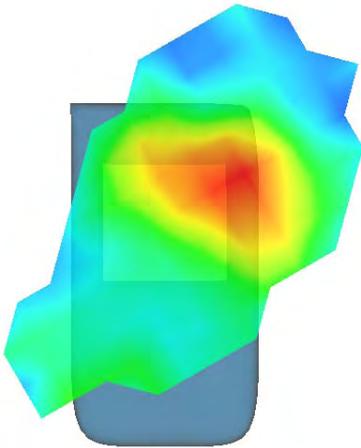
Maximum location: X=-25.00, Y=13.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.081712
SAR 1g (W/Kg)	0.139339

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2007	0.1405	0.0777	0.0729	0.0326	0.0221	0.0234



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 68**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 59 seconds

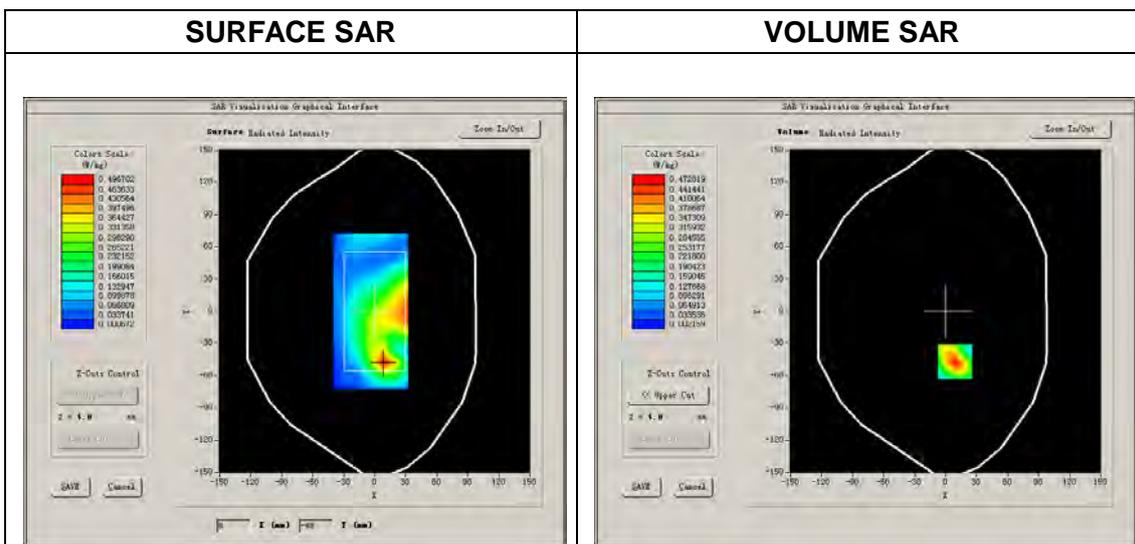
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	LTE band 4
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

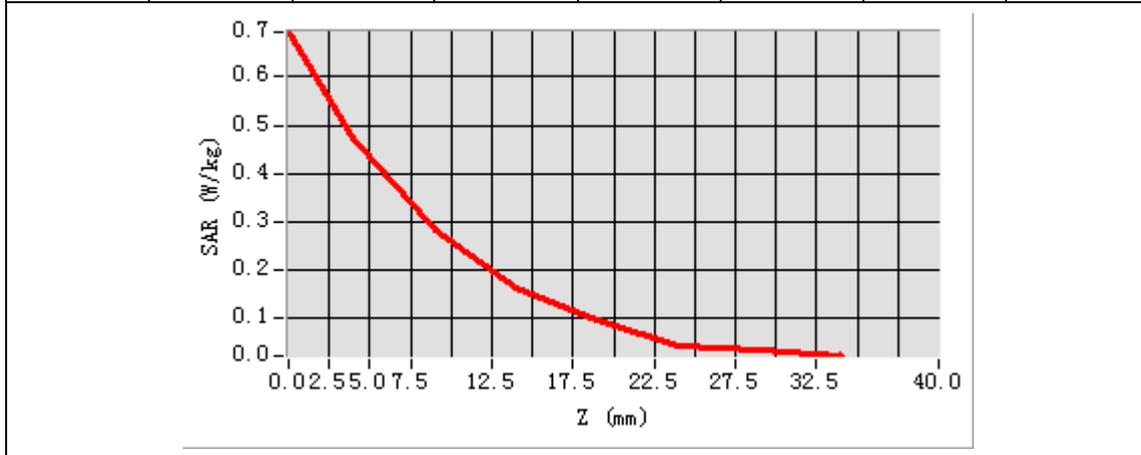


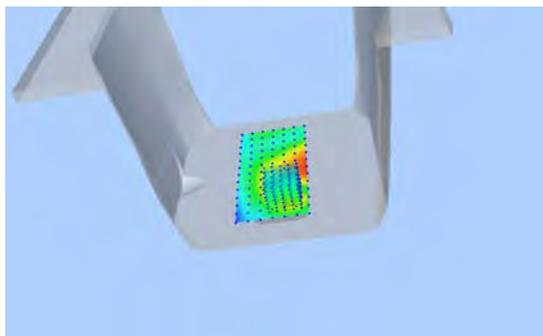
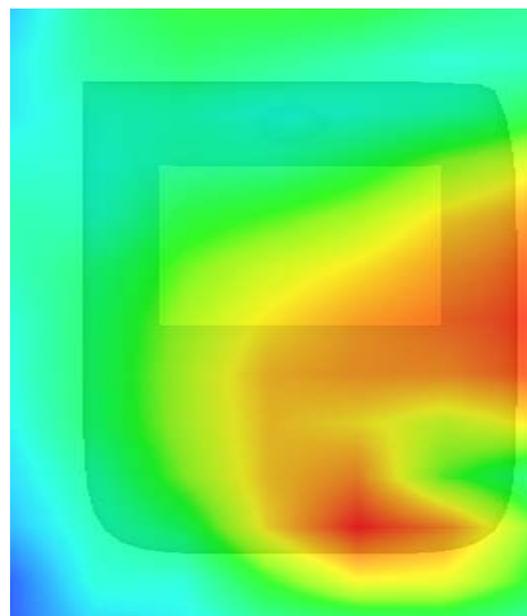
Maximum location: X=9.00, Y=-47.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.229062
SAR 1g (W/Kg)	0.435253

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6935	0.4728	0.2821	0.1605	0.0957	0.0409	0.0311



<b>3D screen shot</b>	<b>Hot spot position</b>
	



**MEASUREMENT 69**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 49 seconds

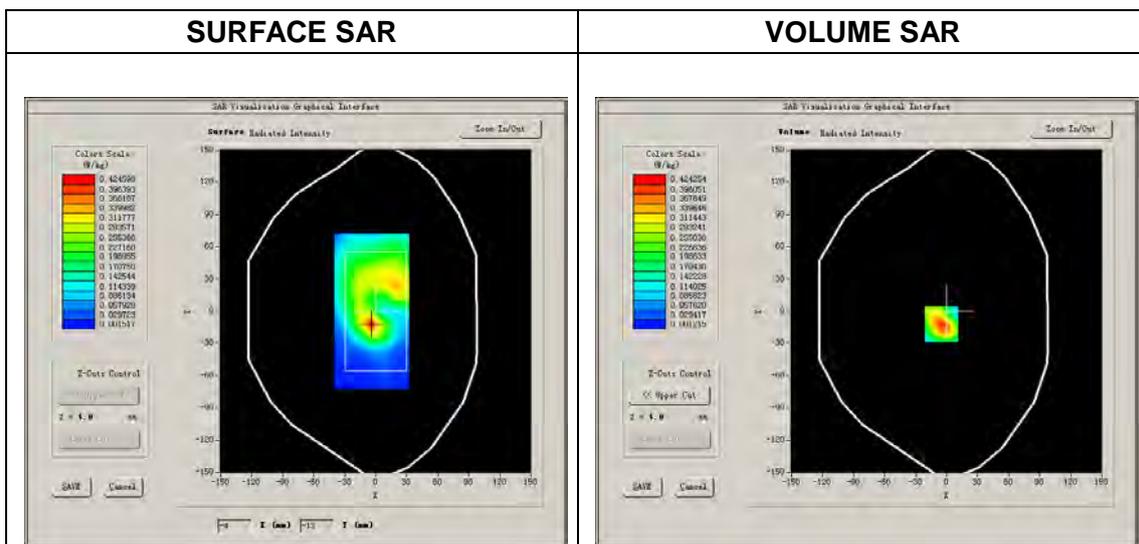
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

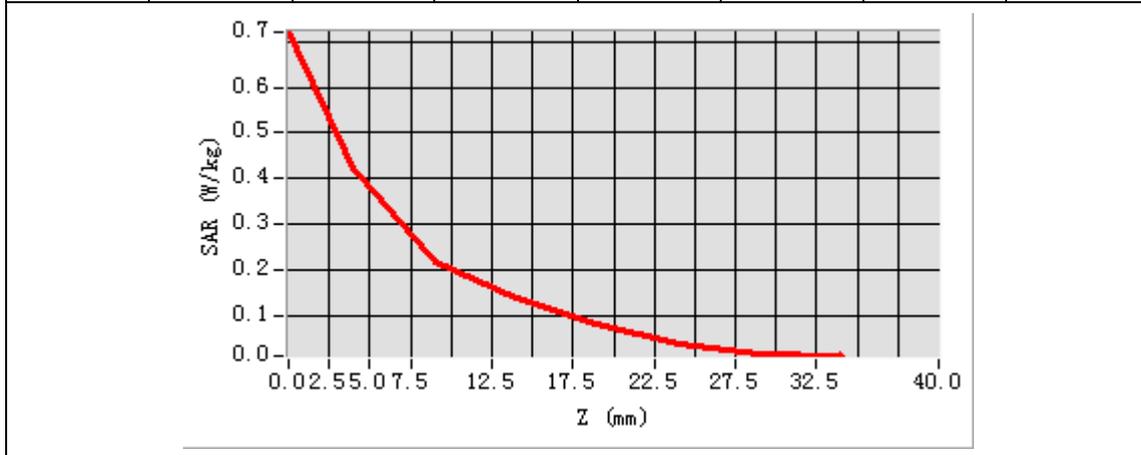


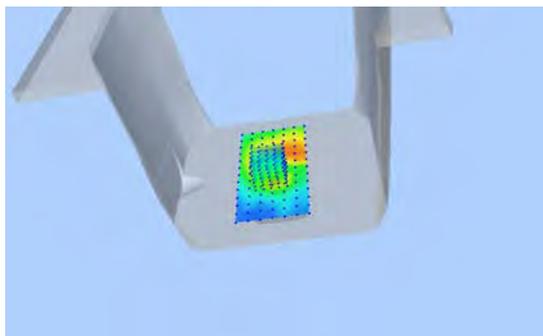
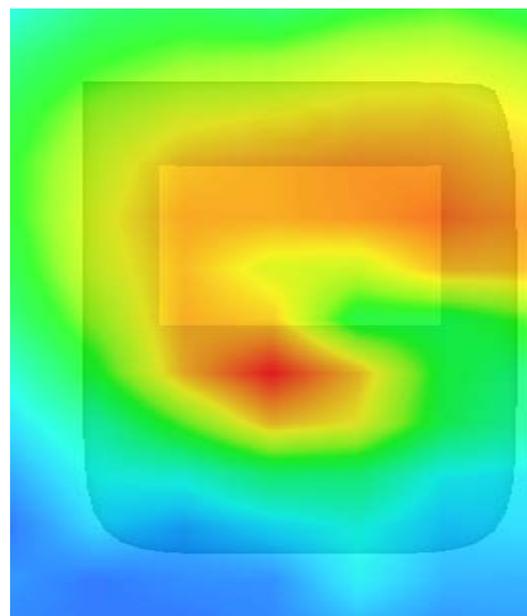
Maximum location: X=-5.00, Y=-12.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.202653
SAR 1g (W/Kg)	0.403957

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7200	0.4243	0.2198	0.1398	0.0851	0.0410	0.0199



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 70**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 50 seconds

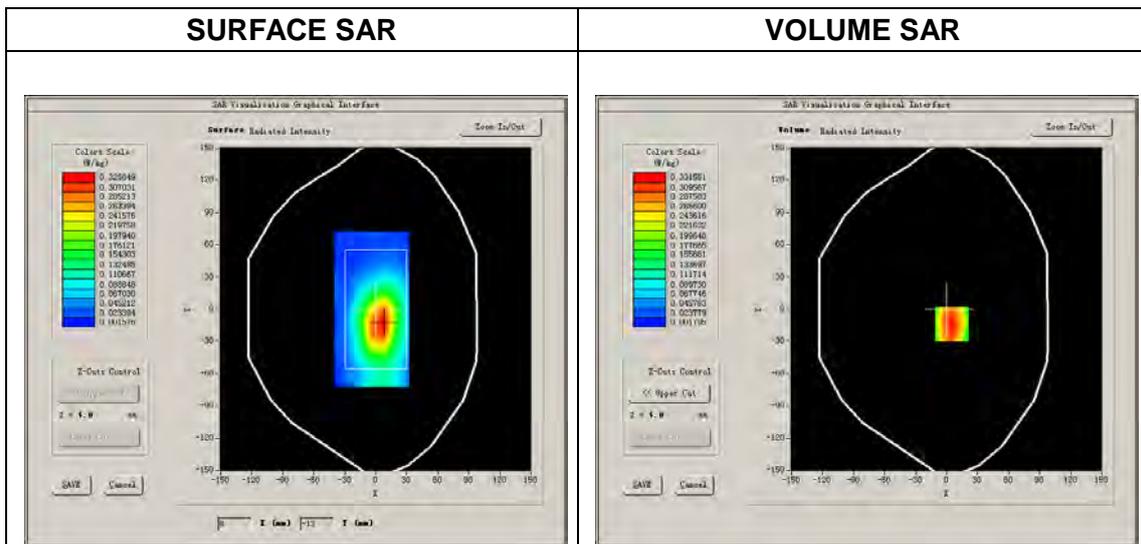
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

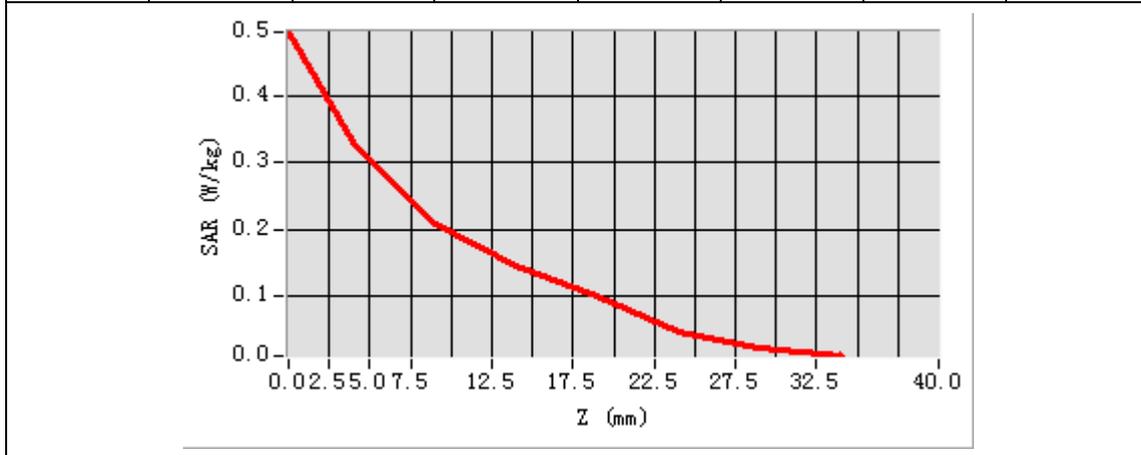


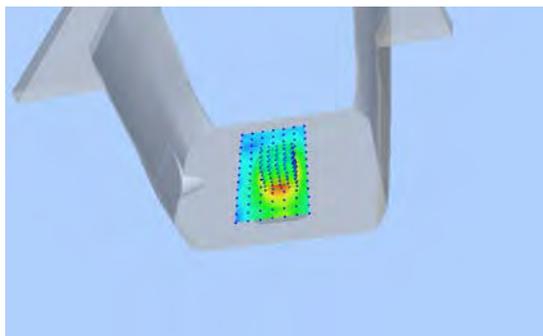
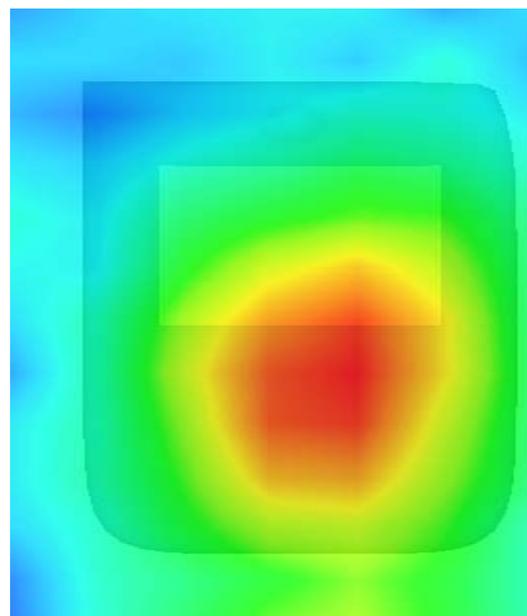
Maximum location: X=5.00, Y=-14.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.190261
SAR 1g (W/Kg)	0.321371

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4955	0.3316	0.2094	0.1452	0.0993	0.0469	0.0231



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 71**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 9 minutes 34 seconds

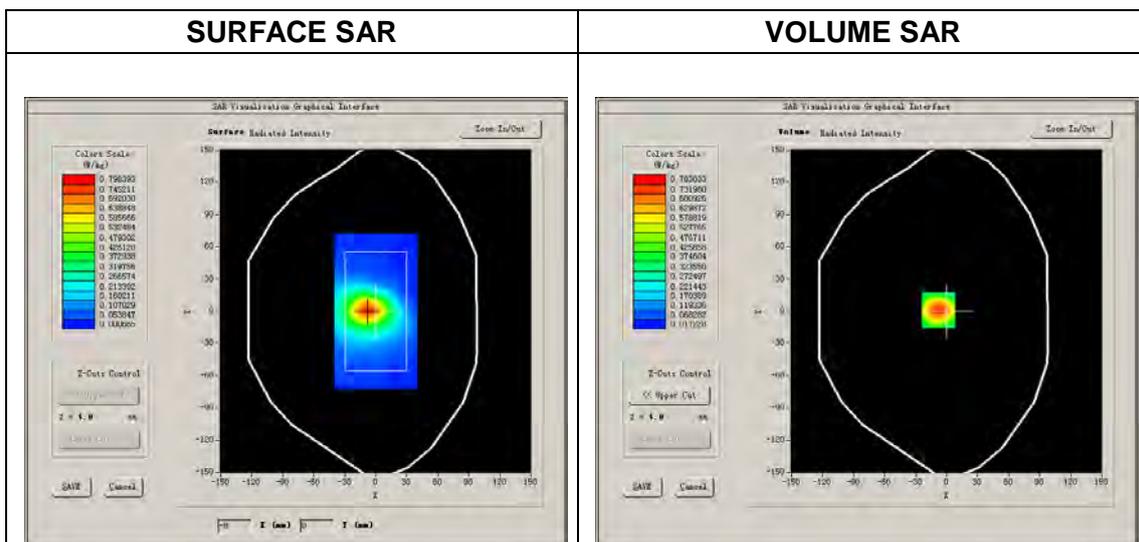
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

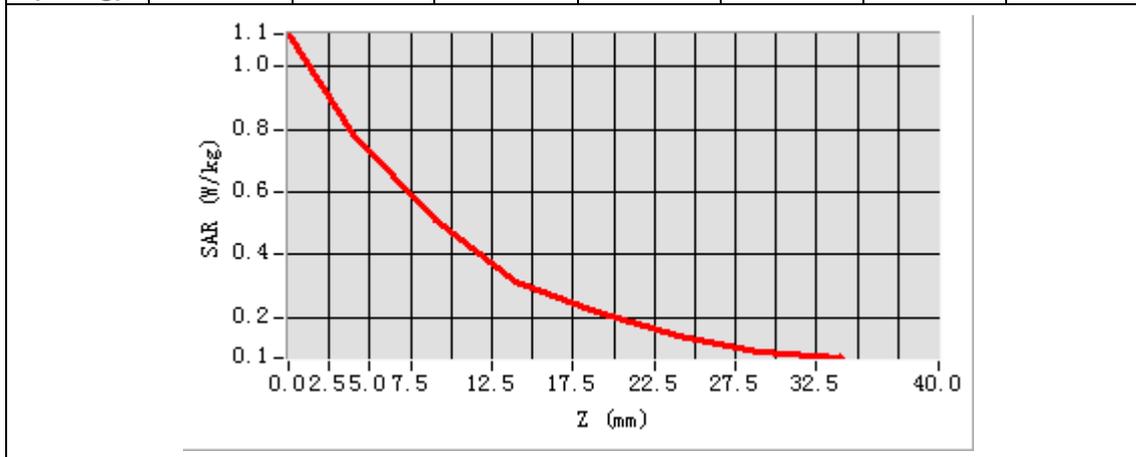


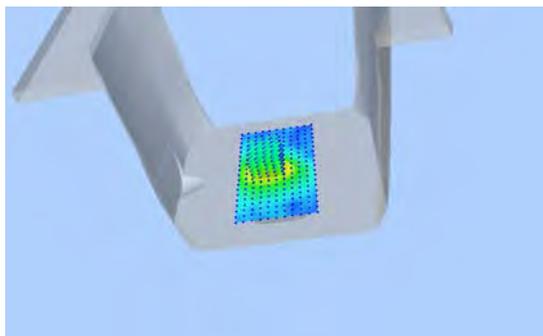
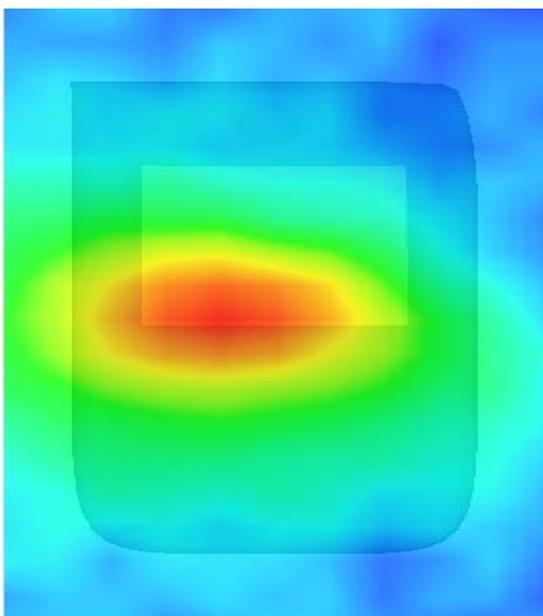
Maximum location: X=-8.00, Y=1.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.424607
SAR 1g (W/Kg)	0.733659

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1050	0.7830	0.5134	0.3158	0.2182	0.1422	0.0915



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 72**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 51 seconds

**A. Experimental conditions.**

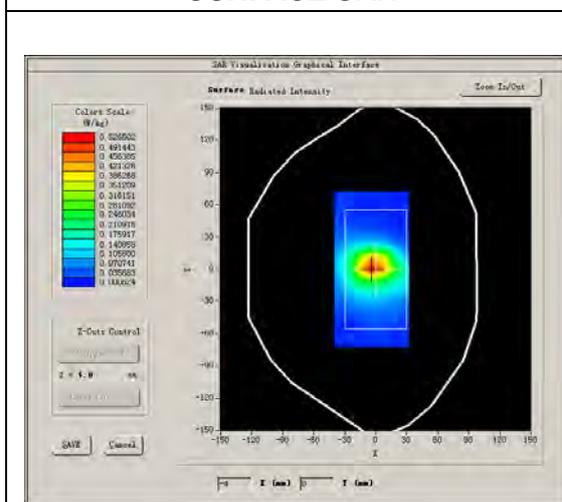
<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

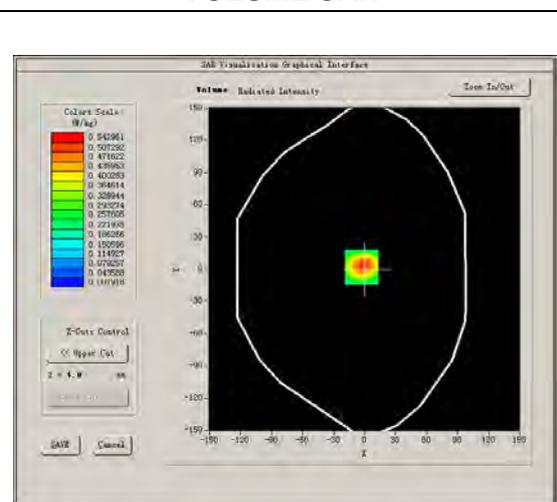
Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

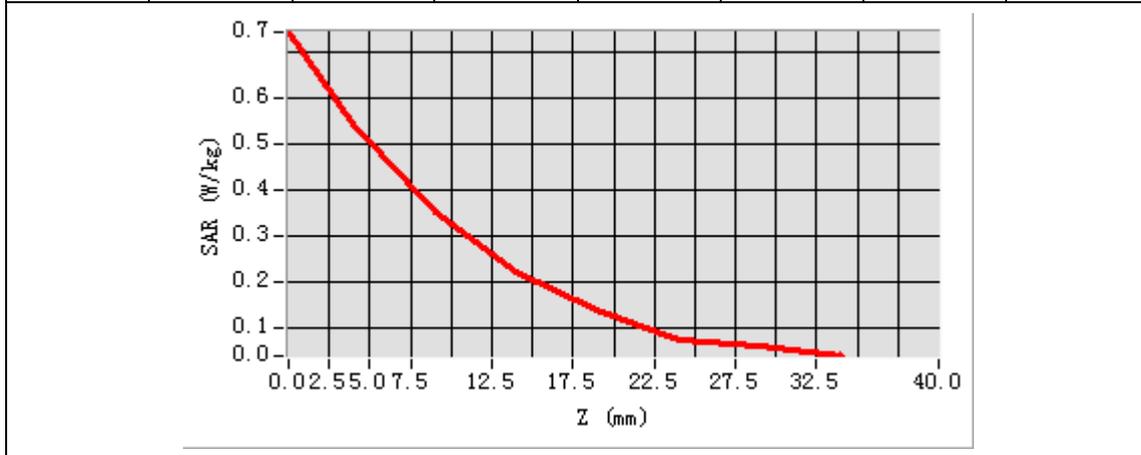


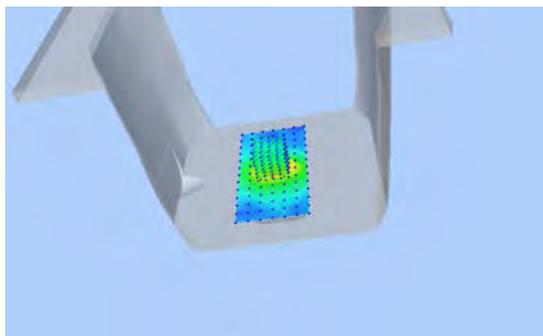
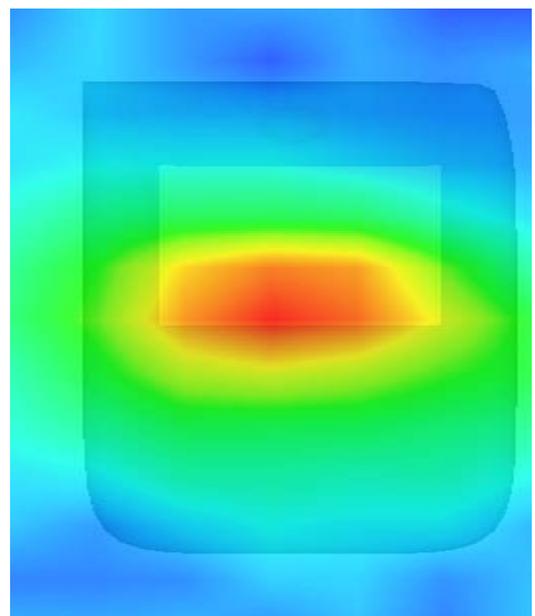
Maximum location: X=-3.00, Y=2.00

SAR Peak: 0.78 W/kg

SAR 10g (W/Kg)	0.286194
SAR 1g (W/Kg)	0.507762

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7424	0.5430	0.3518	0.2233	0.1407	0.0747	0.0592



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	



**MEASUREMENT 73**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 47 seconds

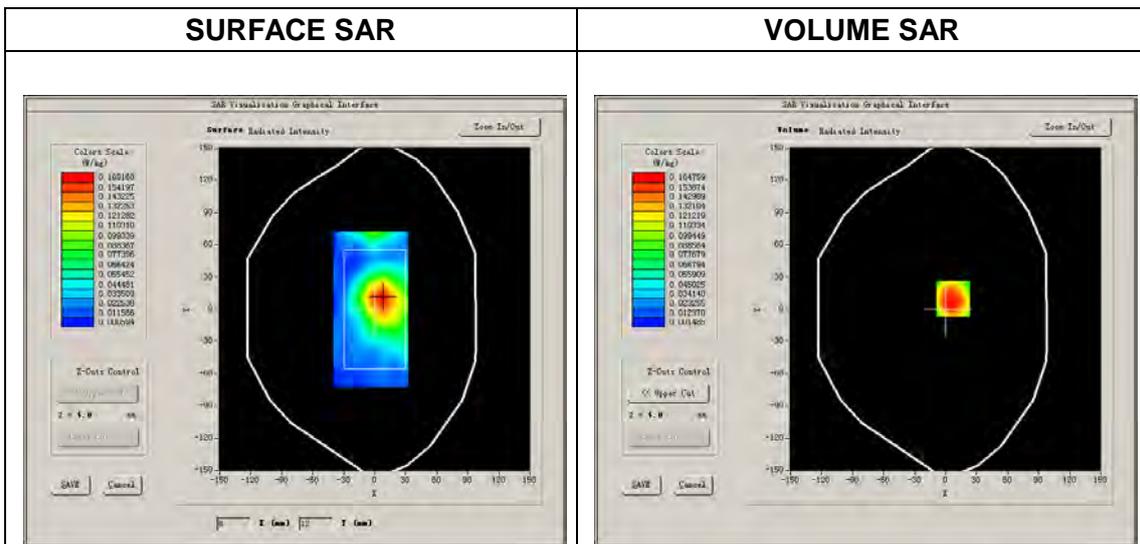
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	LTE band 4
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.295167
Conductivity (S/m)	1.515073
Power drift (%)	-0.820000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	5.38
Crest factor:	1:1

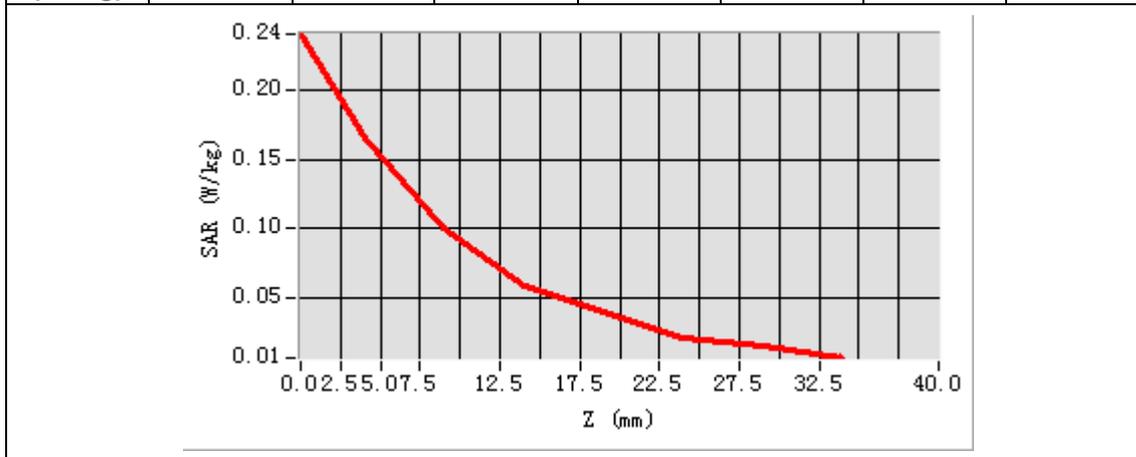


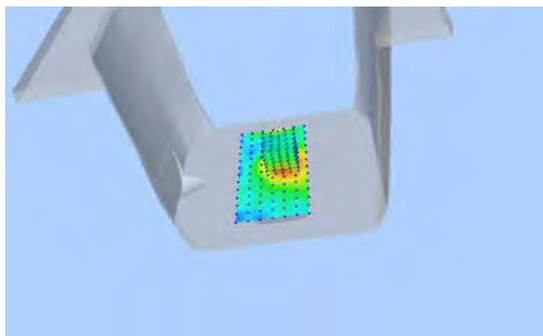
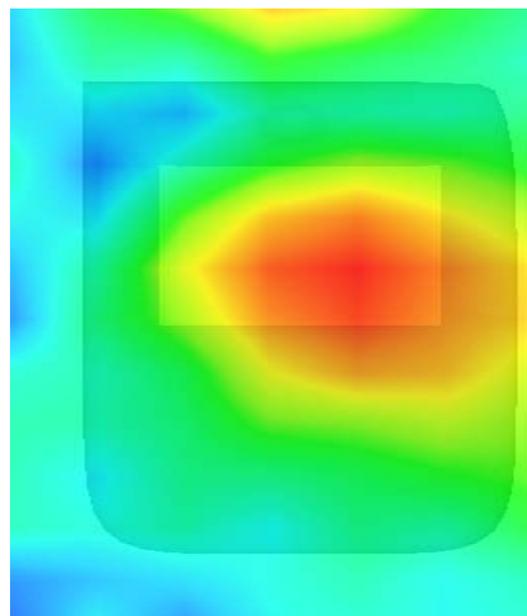
Maximum location: X=7.00, Y=10.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.093667
SAR 1g (W/Kg)	0.162520

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2405	0.1648	0.1006	0.0586	0.0394	0.0201	0.0153



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 74**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 1 seconds

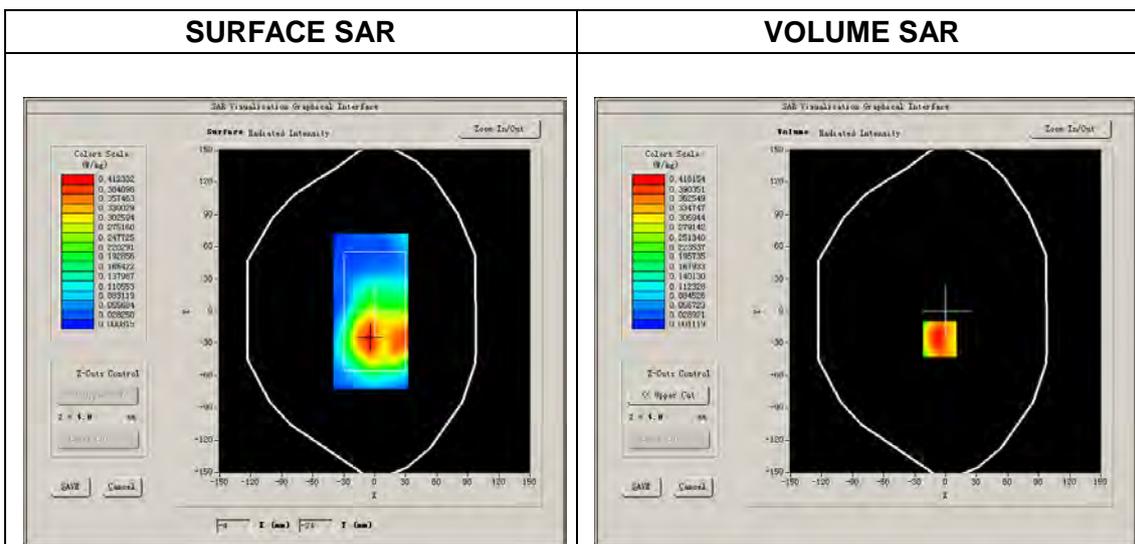
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	LTE band 4
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.295167
Conductivity (S/m)	1.515073
Power drift (%)	-0.820000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	5.38
Crest factor:	1:1

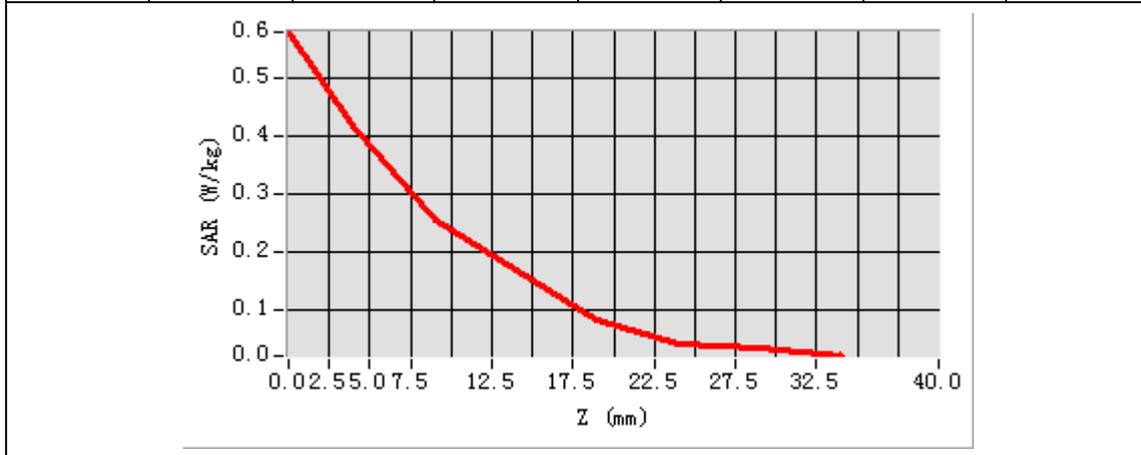


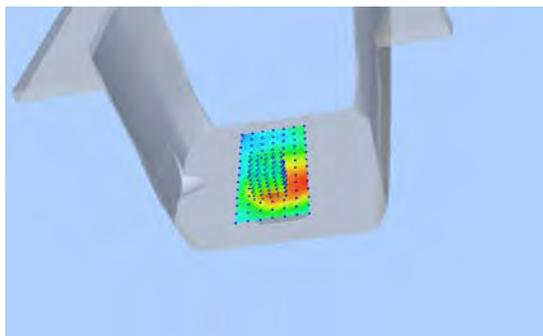
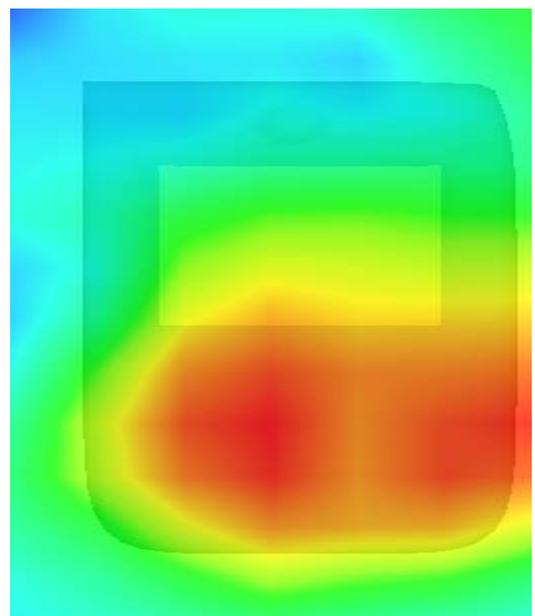
Maximum location: X=-6.00, Y=-26.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.235365
SAR 1g (W/Kg)	0.398095

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5789	0.4182	0.2553	0.1690	0.0853	0.0426	0.0357



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 75**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 48 seconds

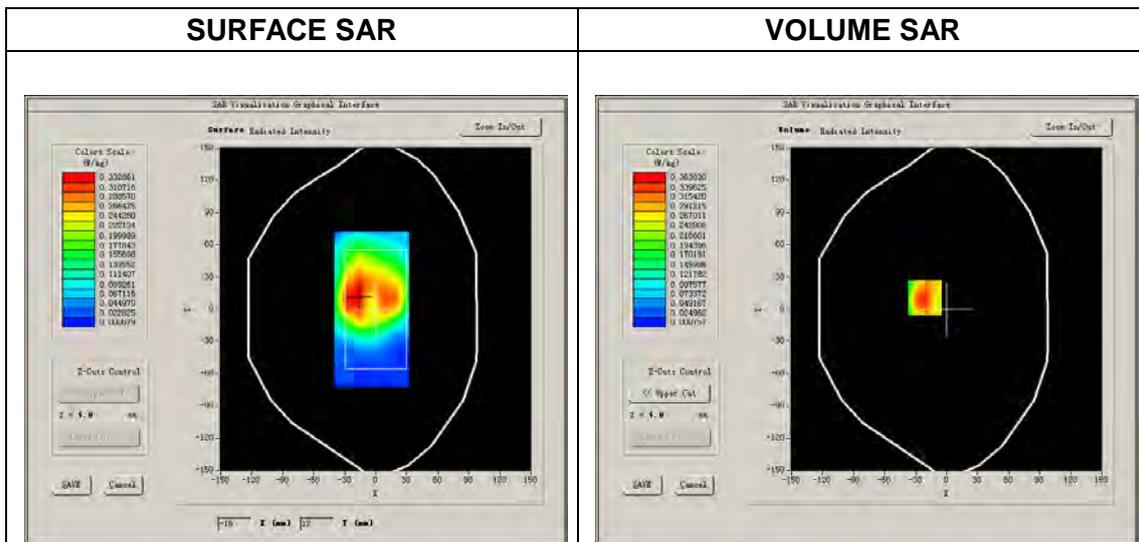
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

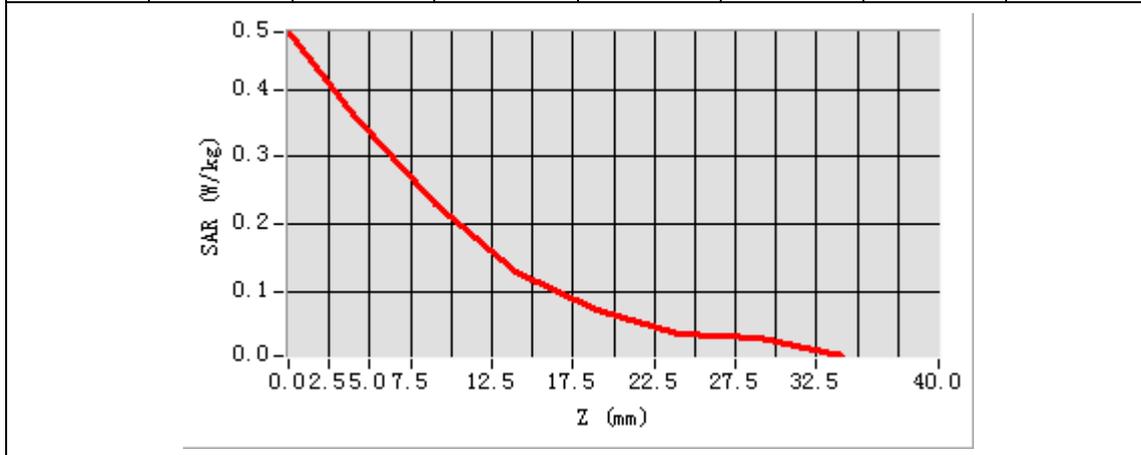


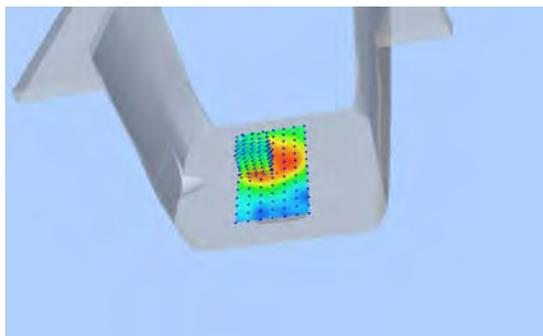
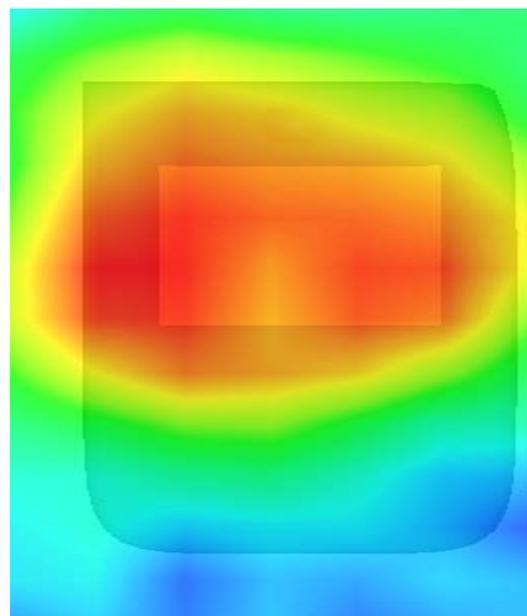
Maximum location: X=-21.00, Y=11.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.192952
SAR 1g (W/Kg)	0.341576

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4852	0.3638	0.2296	0.1283	0.0730	0.0376	0.0324



3D screen shot	Hot spot position
	

**MEASUREMENT 76**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 0 seconds

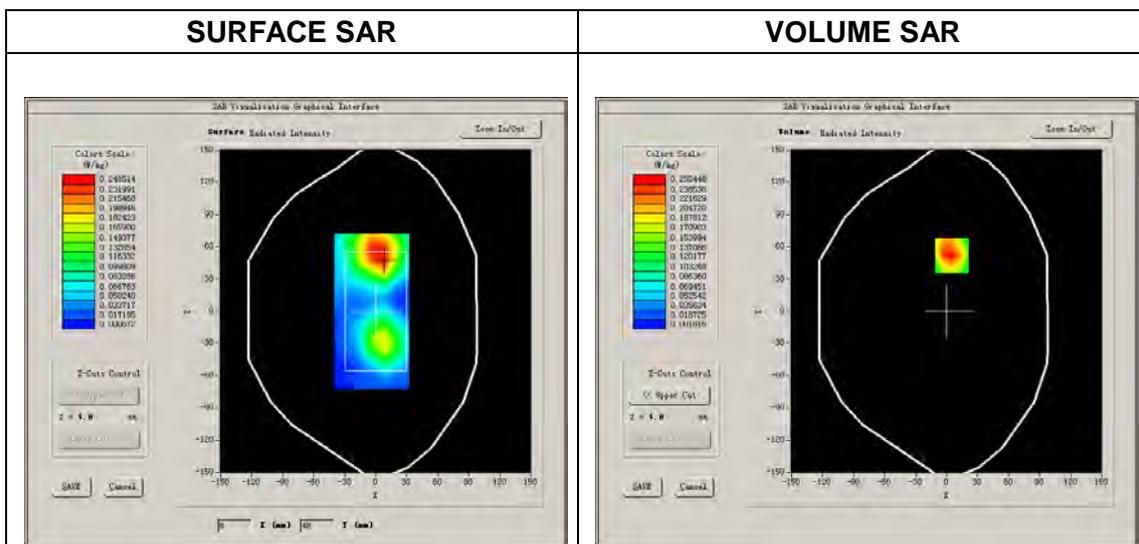
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	LTE band 4
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.295167
Conductivity (S/m)	1.515073
Power drift (%)	-0.820000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	5.38
Crest factor:	1:1

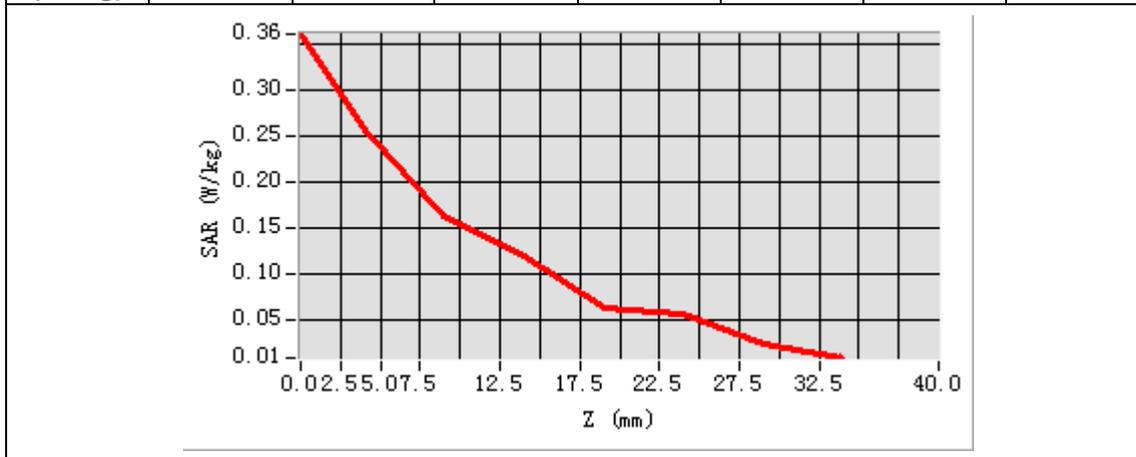


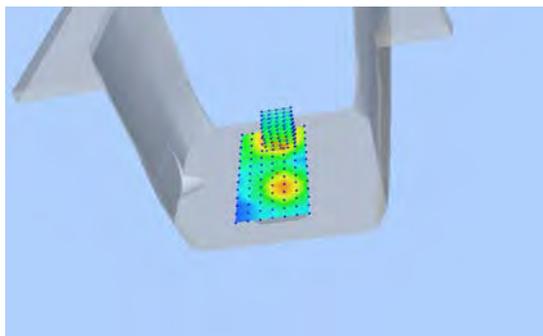
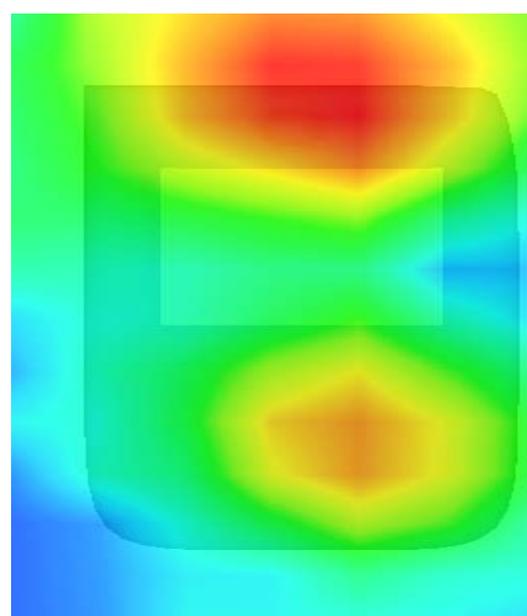
Maximum location: X=5.00, Y=52.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.143625
SAR 1g (W/Kg)	0.242923

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3608	0.2554	0.1632	0.1187	0.0632	0.0577	0.0237



<p><b>3D screen shot</b></p> 	<p><b>Hot spot position</b></p> 
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**MEASUREMENT 77**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 58 seconds

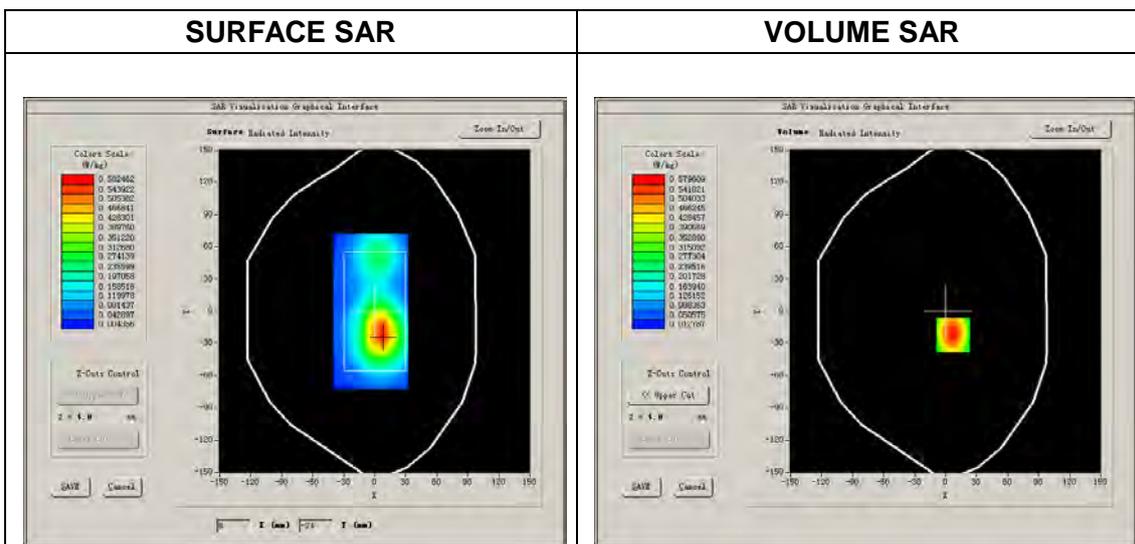
**A. Experimental conditions.**

<b><u>Phantom File</u></b>	<u>surf_sam_plan.txt</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.295167
<b>Conductivity (S/m)</b>	1.515073
<b>Power drift (%)</b>	-0.820000
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	5.38
<b>Crest factor:</b>	1:1

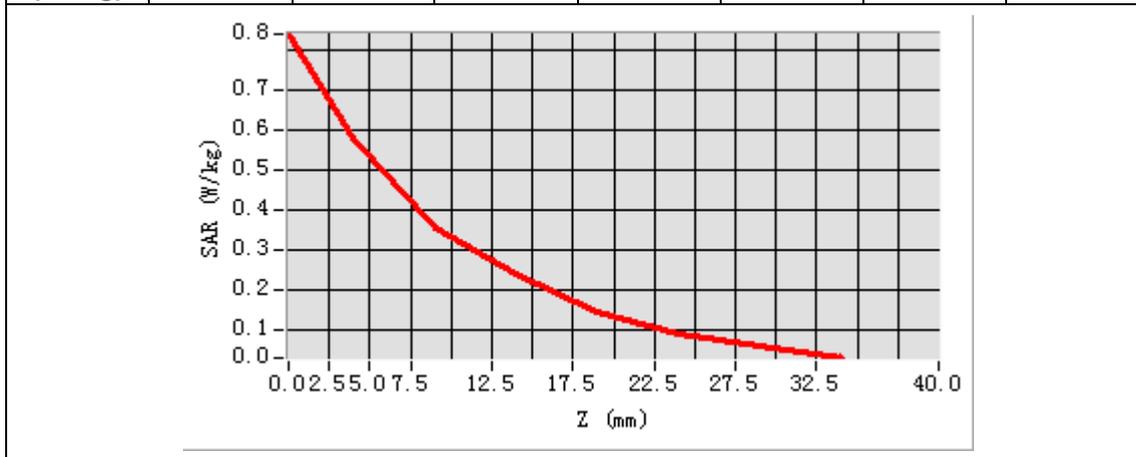


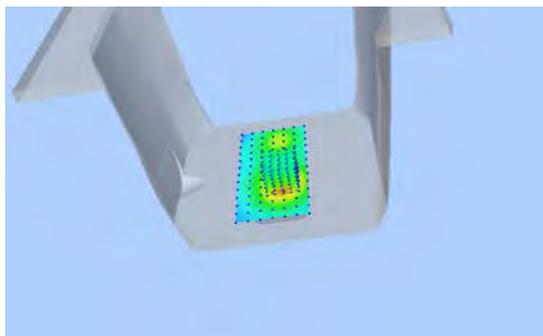
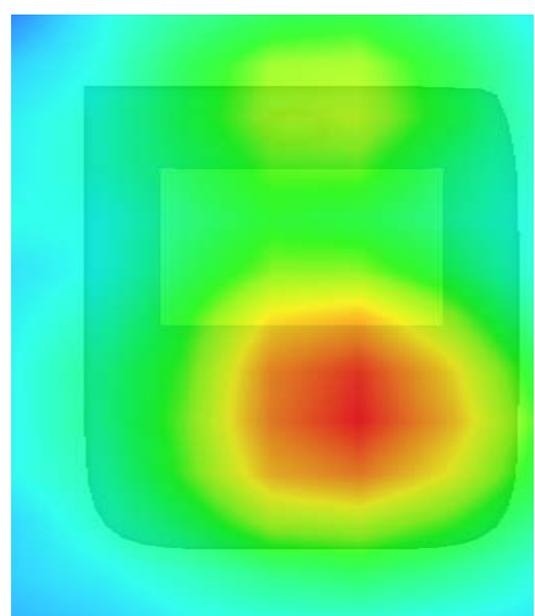
Maximum location: X=7.00, Y=-22.00

SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)	0.329008
SAR 1g (W/Kg)	0.551736

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8397	0.5796	0.3552	0.2405	0.1441	0.0908	0.0608



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 78**

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.02

Measurement duration: 13 minutes 50 seconds

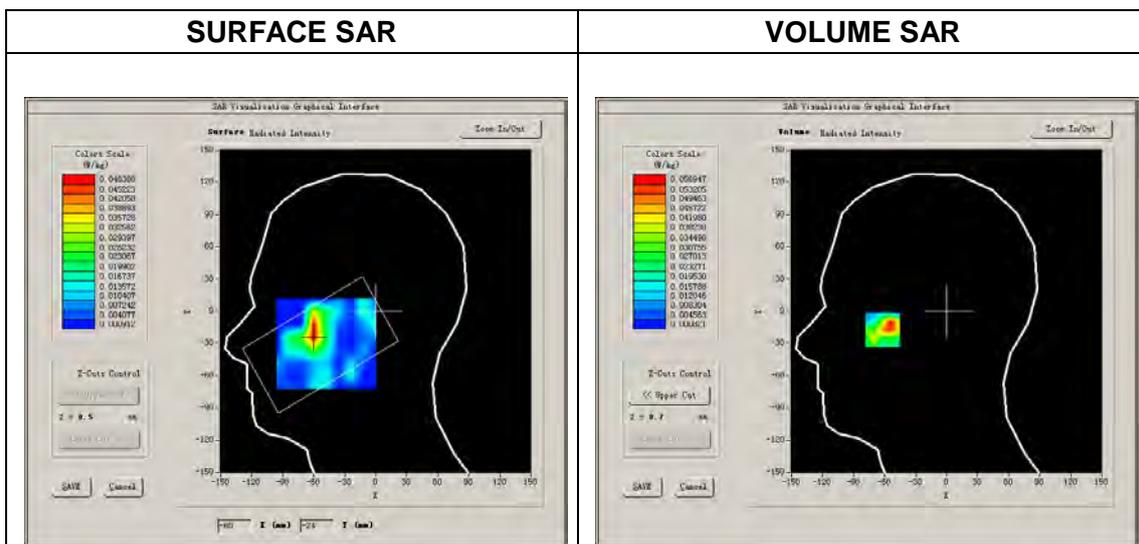
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.024564
<b>Conductivity (S/m)</b>	1.975236
<b>Power drift (%)</b>	193.960007
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	4.74
<b>Crest factor:</b>	1:1

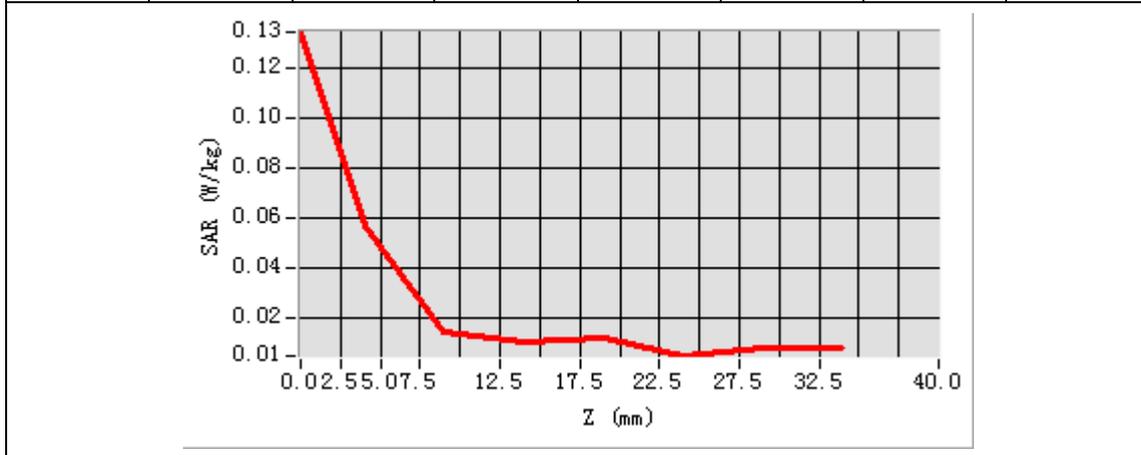


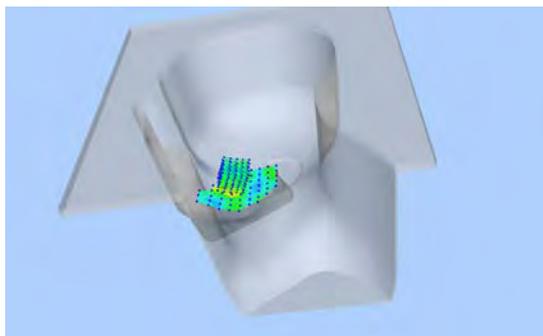
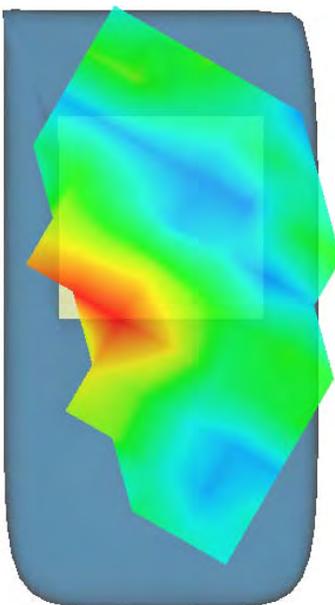
Maximum location: X=-62.00, Y=-16.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.024105
SAR 1g (W/Kg)	0.054961

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1340	0.0569	0.0148	0.0105	0.0121	0.0051	0.0082



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 79**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 47 seconds

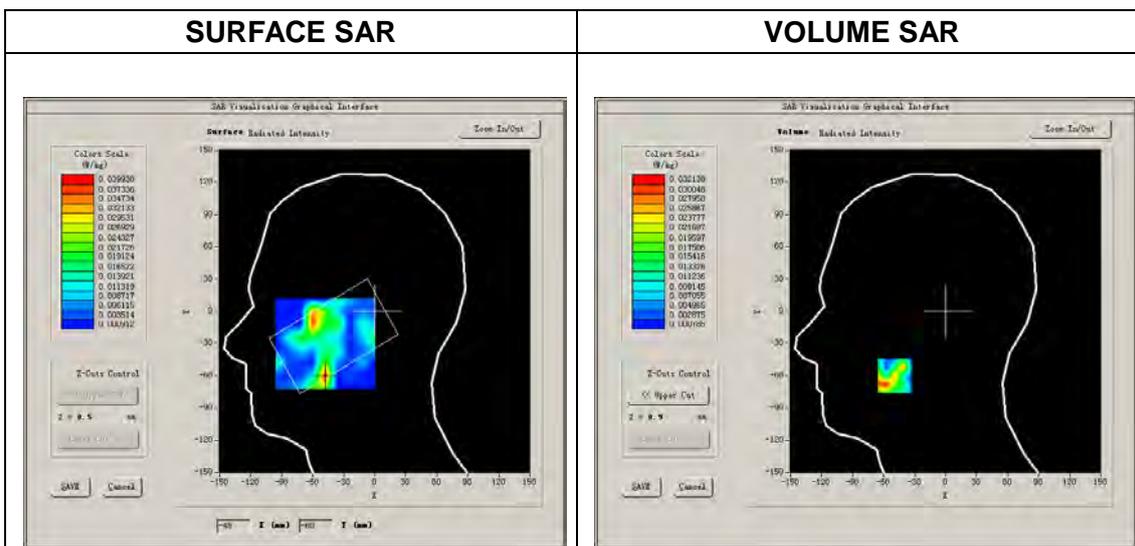
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</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</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.024564
<b>Conductivity (S/m)</b>	1.975236
<b>Power drift (%)</b>	193.960007
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	4.74
<b>Crest factor:</b>	1:1

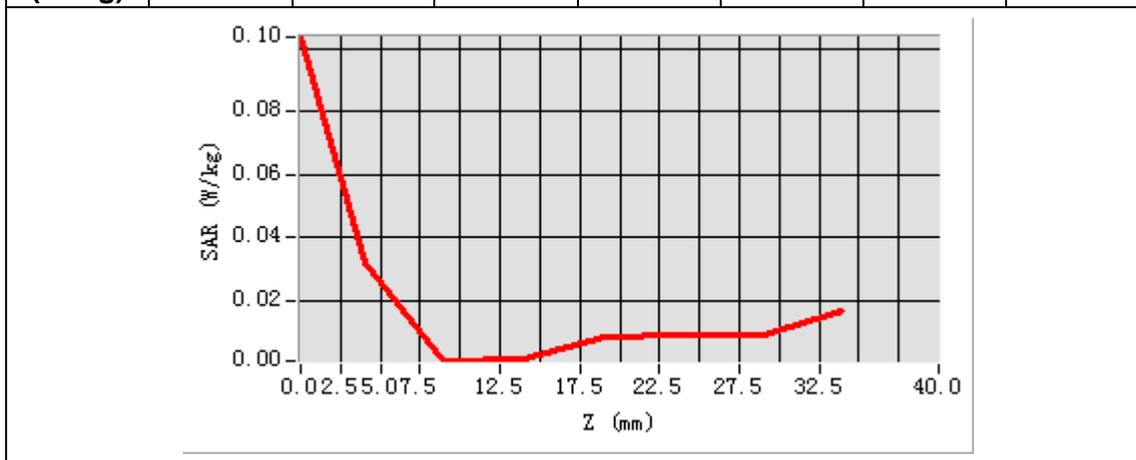


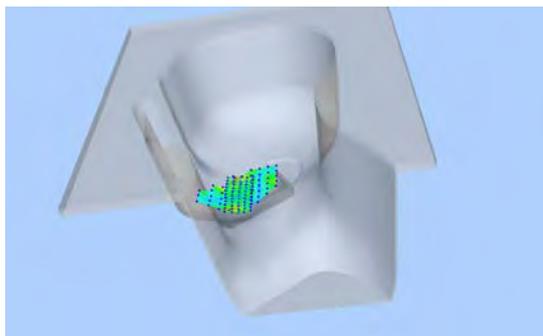
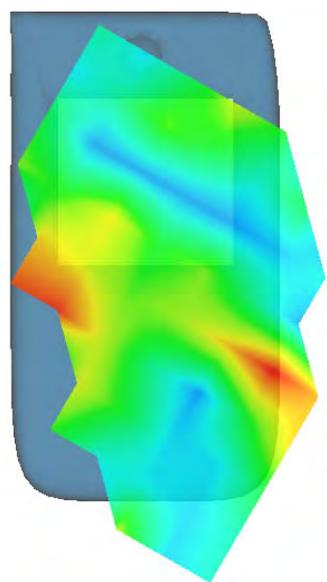
Maximum location: X=-49.00, Y=-60.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.012923
SAR 1g (W/Kg)	0.031776

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1035	0.0321	0.0008	0.0014	0.0083	0.0089	0.0087



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
	

**MEASUREMENT 80**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 47 seconds

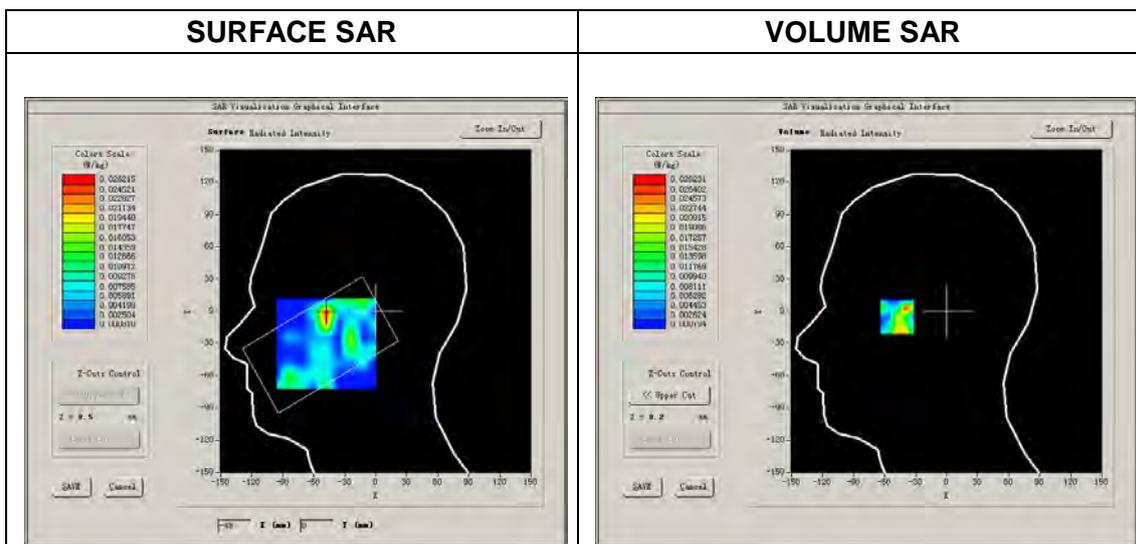
**A. Experimental conditions.**

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE</u>

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.024564
<b>Conductivity (S/m)</b>	1.975236
<b>Power drift (%)</b>	193.960007
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	4.74
<b>Crest factor:</b>	1:1

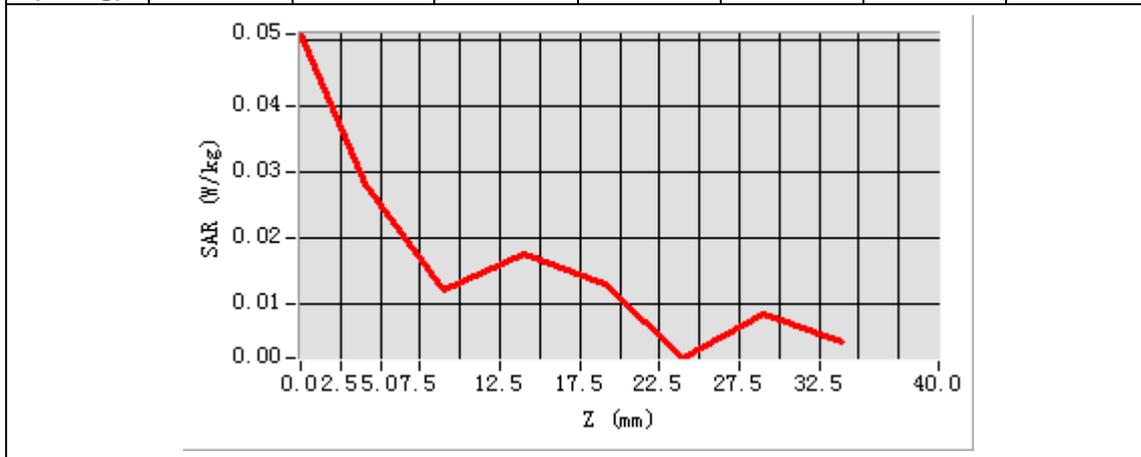


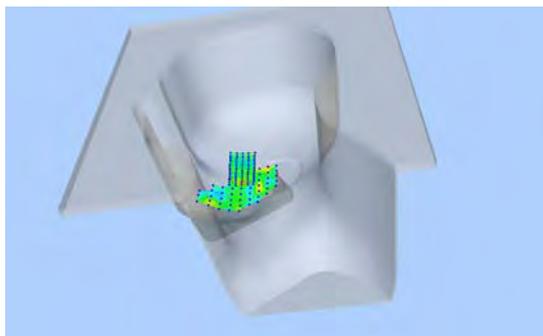
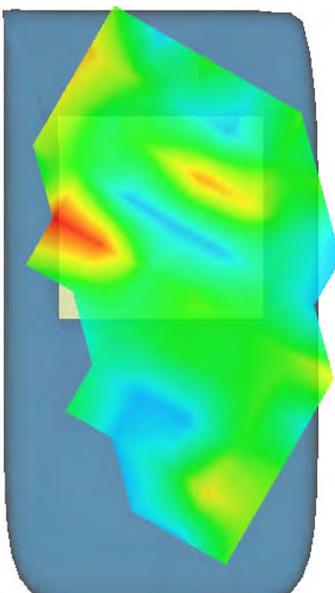
Maximum location: X=-48.00, Y=-1.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.010597
SAR 1g (W/Kg)	0.025418

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0509	0.0282	0.0121	0.0175	0.0133	0.0020	0.0087



<b>3D screen shot</b>	<b>Hot spot position</b>
	

**MEASUREMENT 81**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2017.08.02  
 Measurement duration: 13 minutes 2 seconds

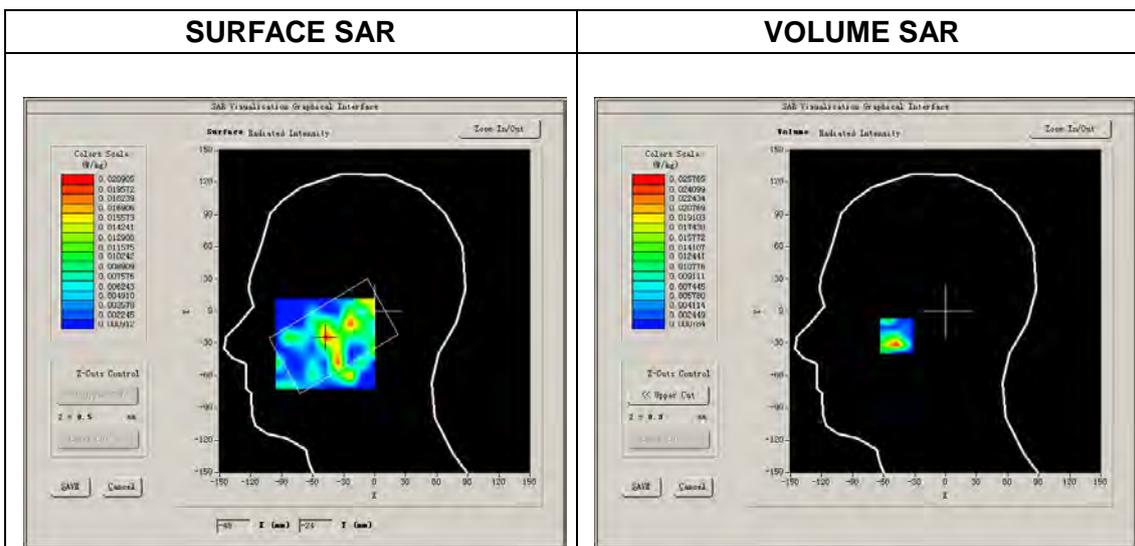
**A. Experimental conditions.**

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Right head
<u>Device Position</u>	Tilt
<u>Band</u>	LTE band 7
<u>Channels</u>	Middle
<u>Signal</u>	LTE

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.024564
<b>Conductivity (S/m)</b>	1.975236
<b>Power drift (%)</b>	193.960007
<b>Ambient Temperature:</b>	22.6°C
<b>Liquid Temperature:</b>	22.7°C
<b>ConvF:</b>	4.74
<b>Crest factor:</b>	1:1

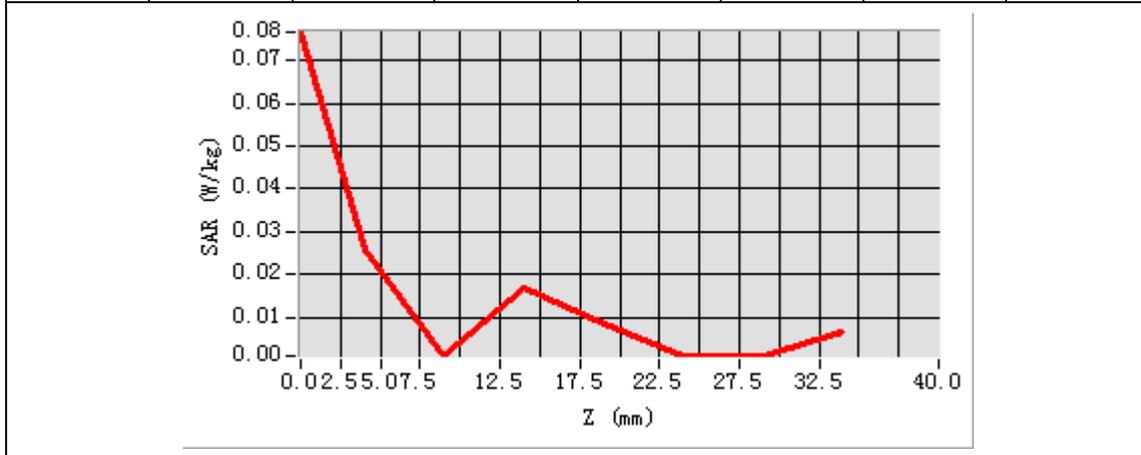


Maximum location: X=-47.00, Y=-23.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.009732
SAR 1g (W/Kg)	0.023197

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0767	0.0258	0.0010	0.0168	0.0083	0.0009	0.0009



<p><b>3D screen shot</b></p>	<p><b>Hot spot position</b></p>
