

## 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: 2014.3.17

Measurement duration: 9 minutes 16 seconds

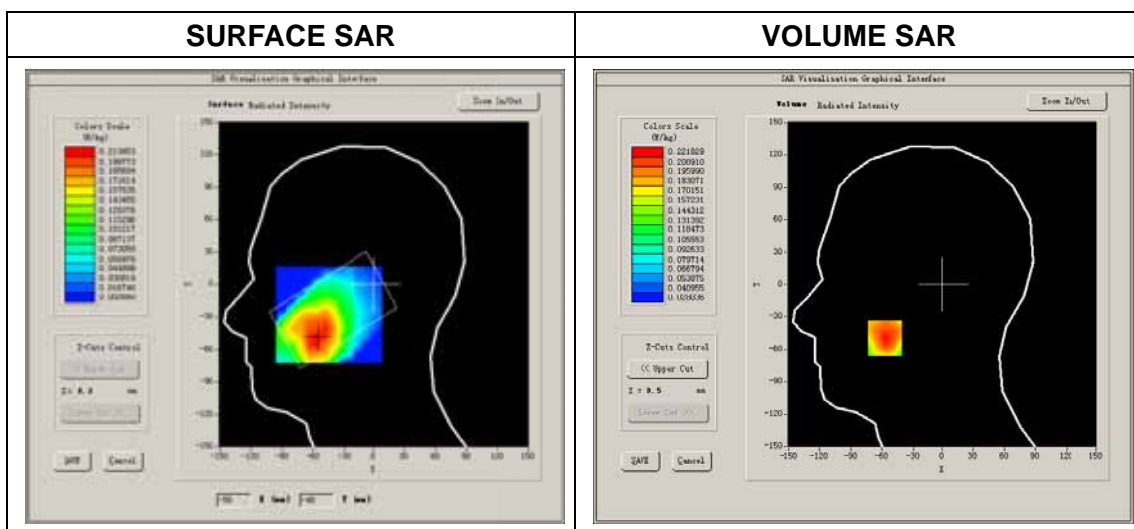
### A. Experimental conditions.

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM850
<b>Channels</b>	Middle
<b>Signal</b>	GSM

### B. SAR Measurement Results

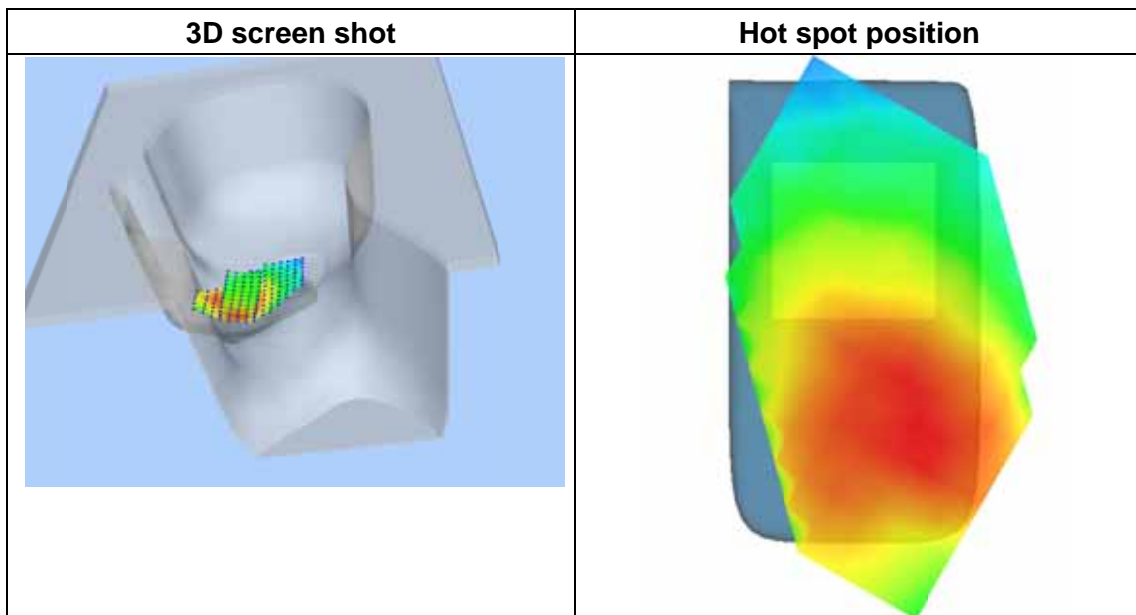
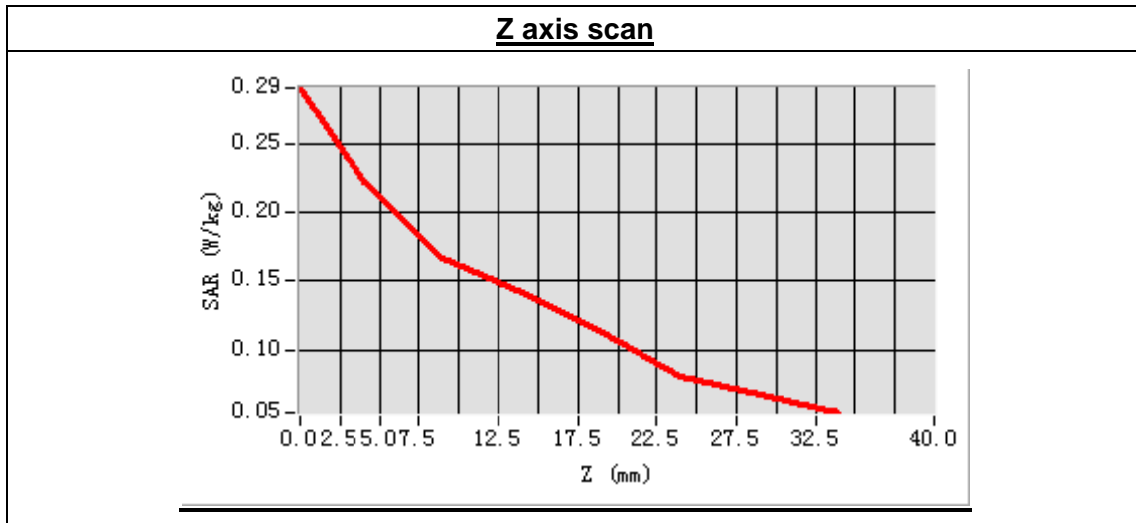
Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	-2.270000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:8



Maximum location: X=-57.00, Y=-50.00  
 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.158267
SAR 1g (W/Kg)	0.217680



**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: 2014.3.17

Measurement duration: 8 minutes 13 seconds

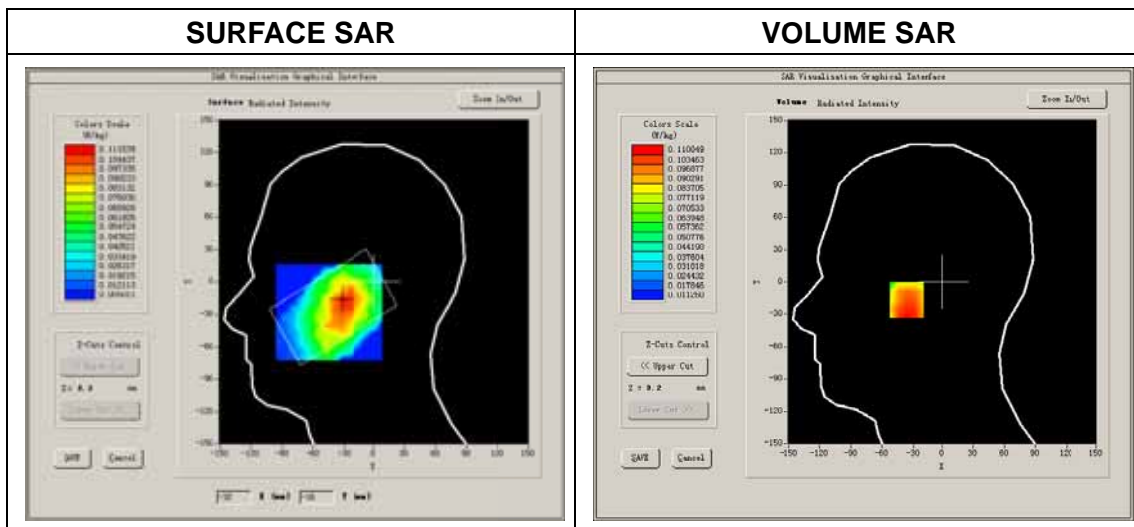
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	GSM850
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

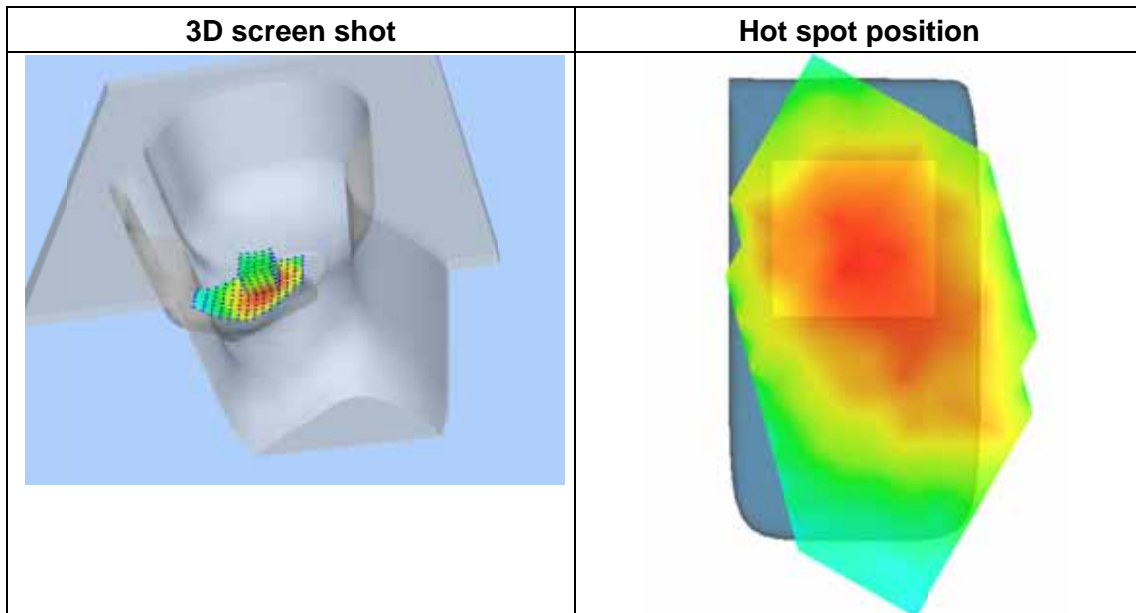
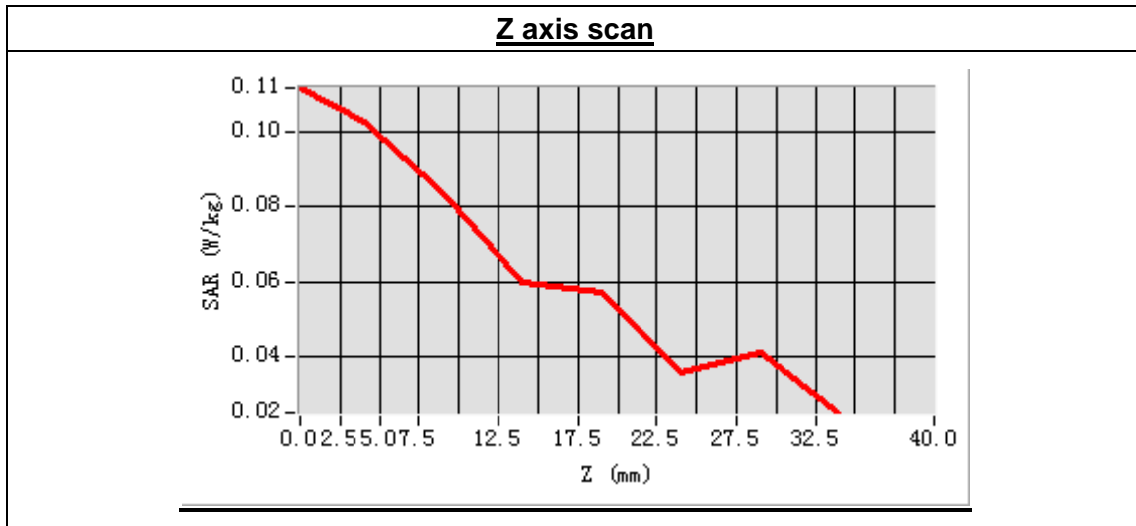
Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	3.610000
<b>Ambient Temperature:</b>	22.5°C
<b>Liquid Temperature:</b>	22.8°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:8



Maximum location: X=-32.00, Y=-17.00  
 SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.075261
SAR 1g (W/Kg)	0.103480



**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: 2014.3.17

Measurement duration: 8 minutes 35 seconds

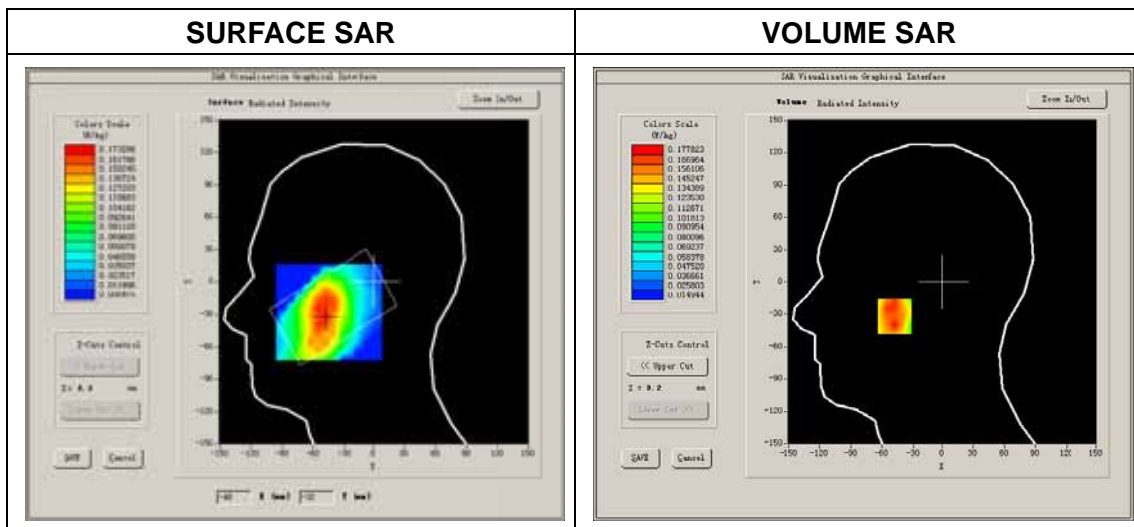
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM850
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

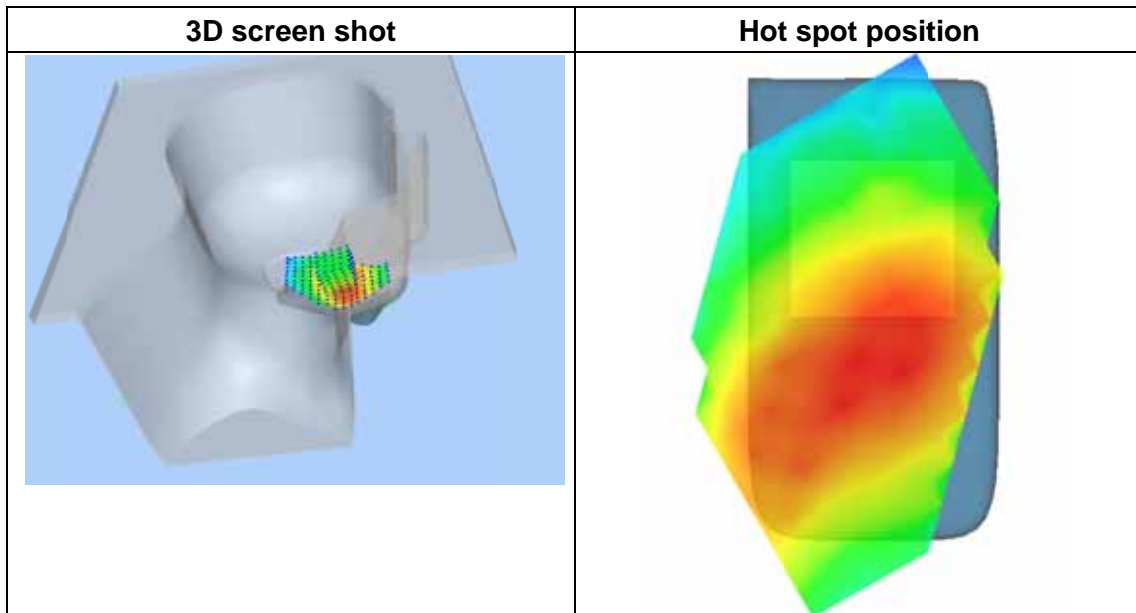
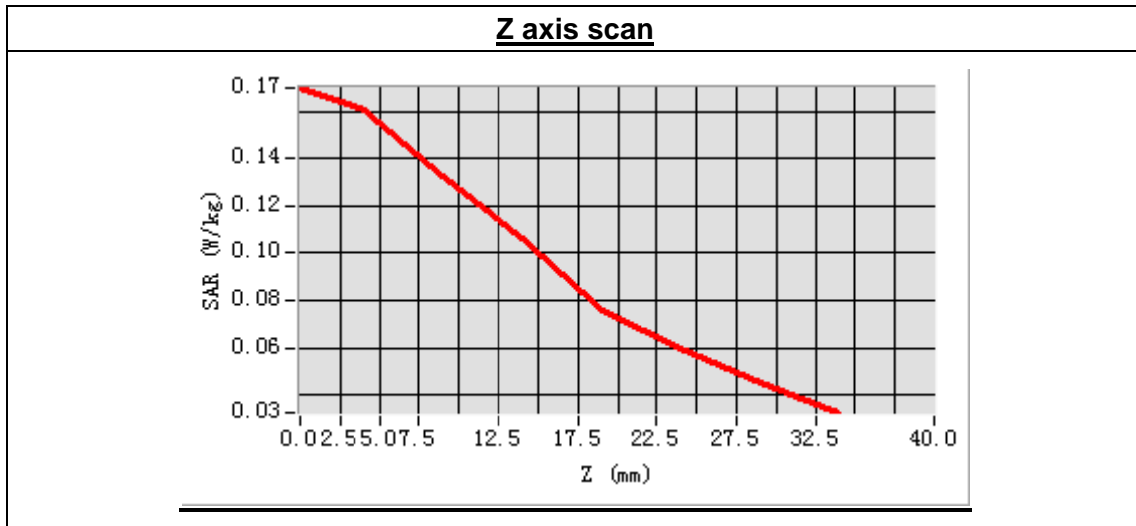
<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	3.220000
<b>Ambient Temperature:</b>	22.5°C
<b>Liquid Temperature:</b>	22.8°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:8



Maximum location: X=-48.00, Y=-32.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.122438
SAR 1g (W/Kg)	0.173816



**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: 2014.3.17

Measurement duration: 8 minutes 35 seconds

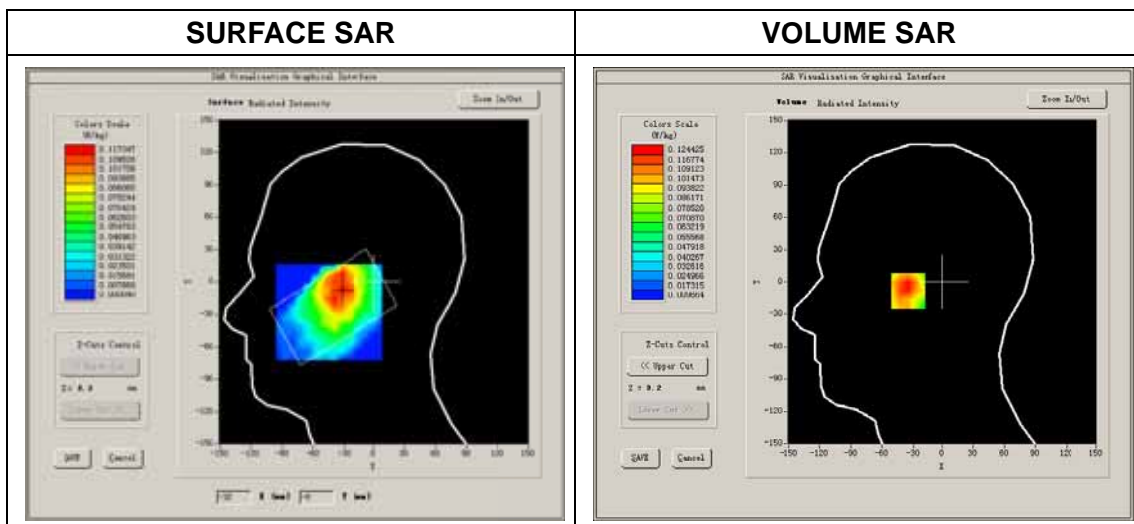
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	GSM850
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

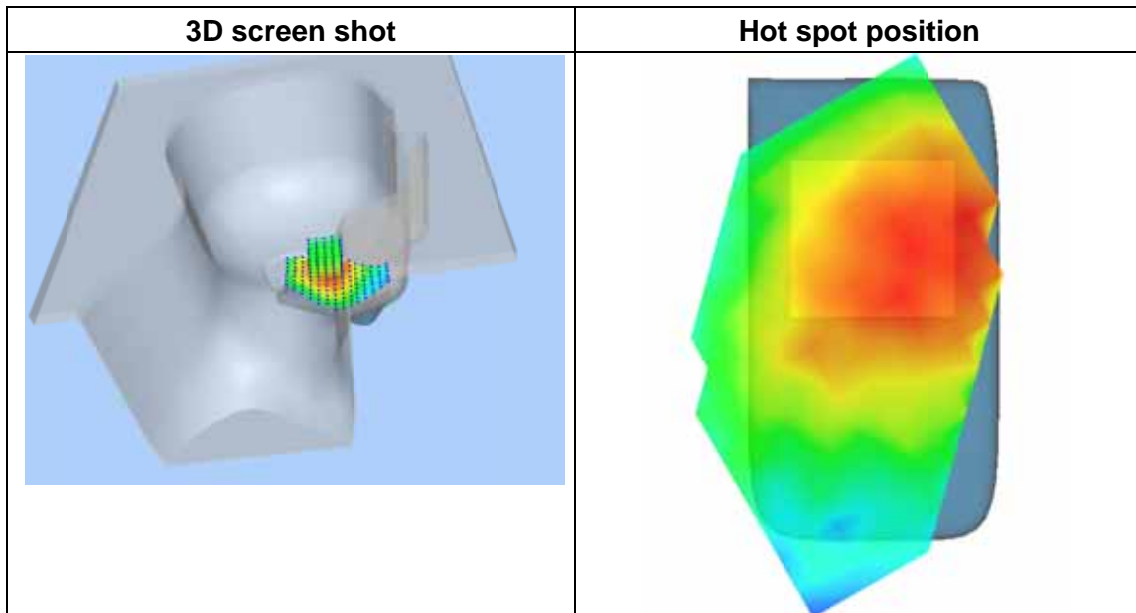
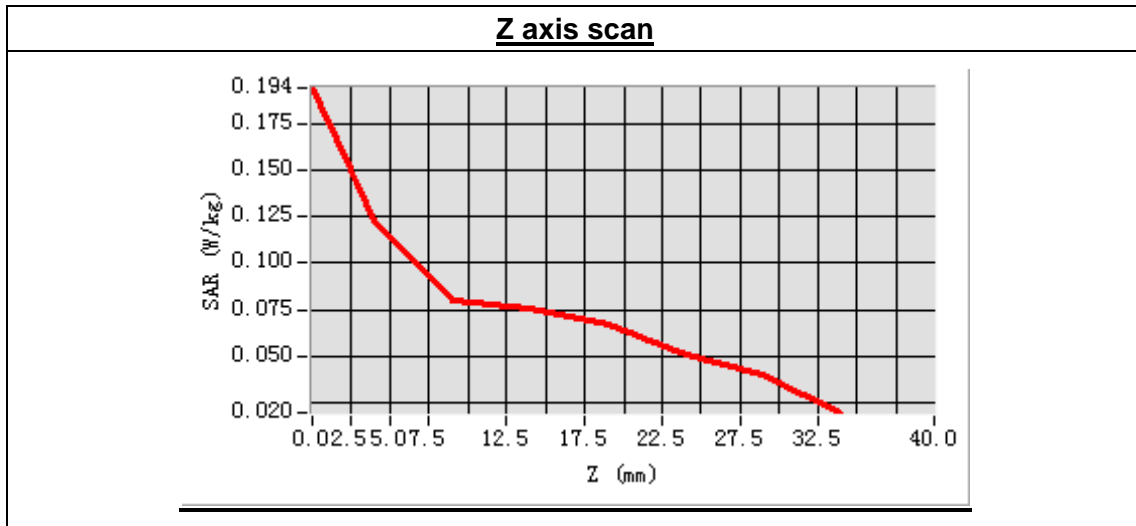
Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	1.910000
<b>Ambient Temperature:</b>	22.5°C
<b>Liquid Temperature:</b>	22.8°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:8



Maximum location: X=-32.00, Y=-8.00  
 SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.083739
SAR 1g (W/Kg)	0.123973





**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: 2014.3.17

Measurement duration: 9 minutes 30 seconds

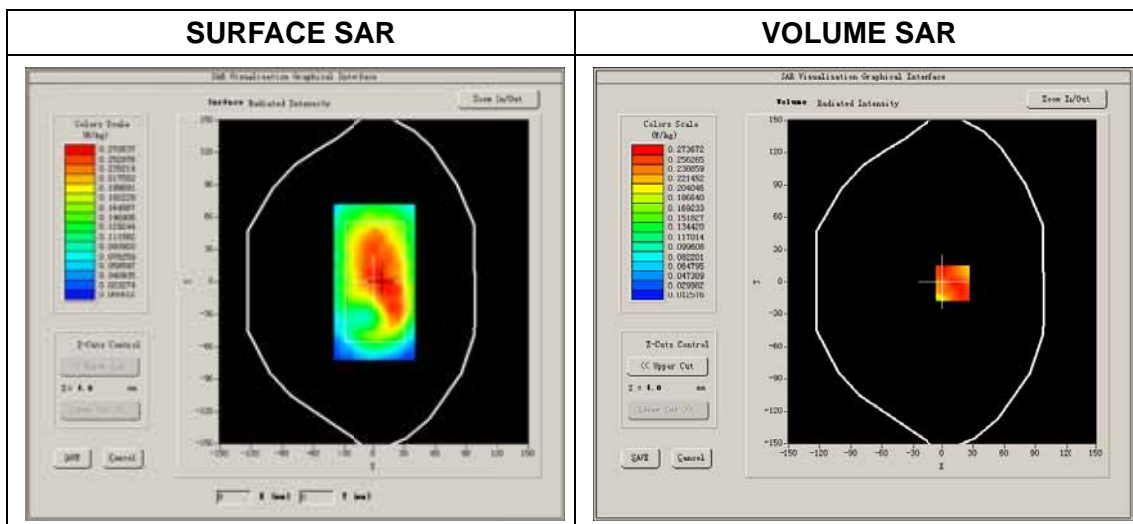
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

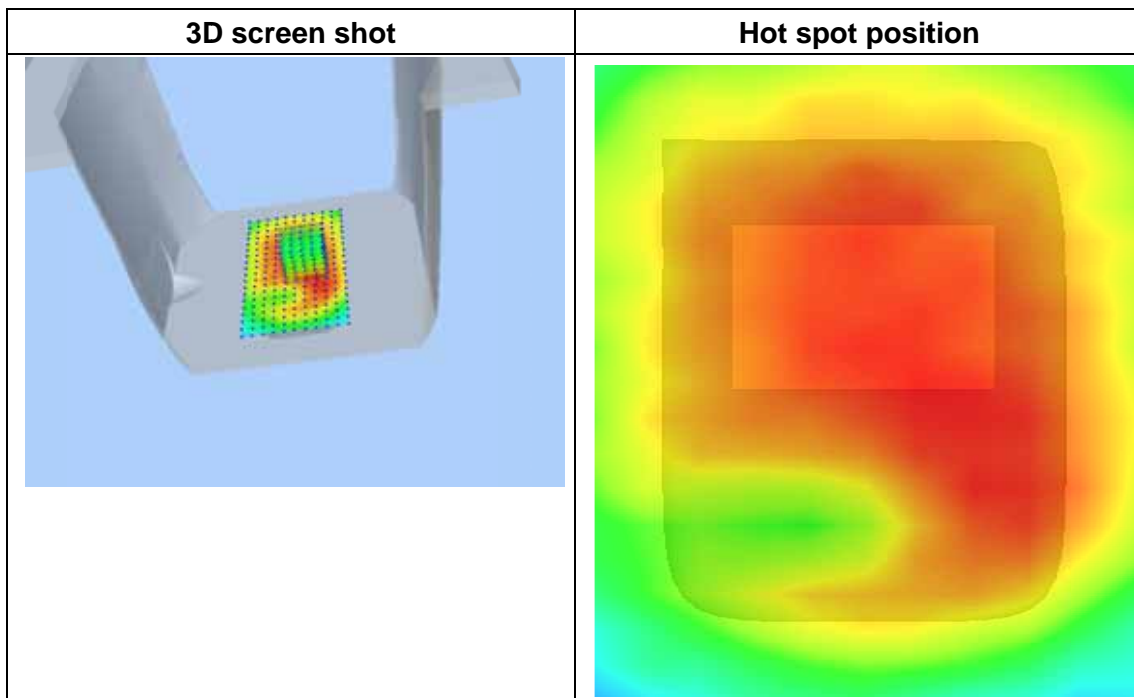
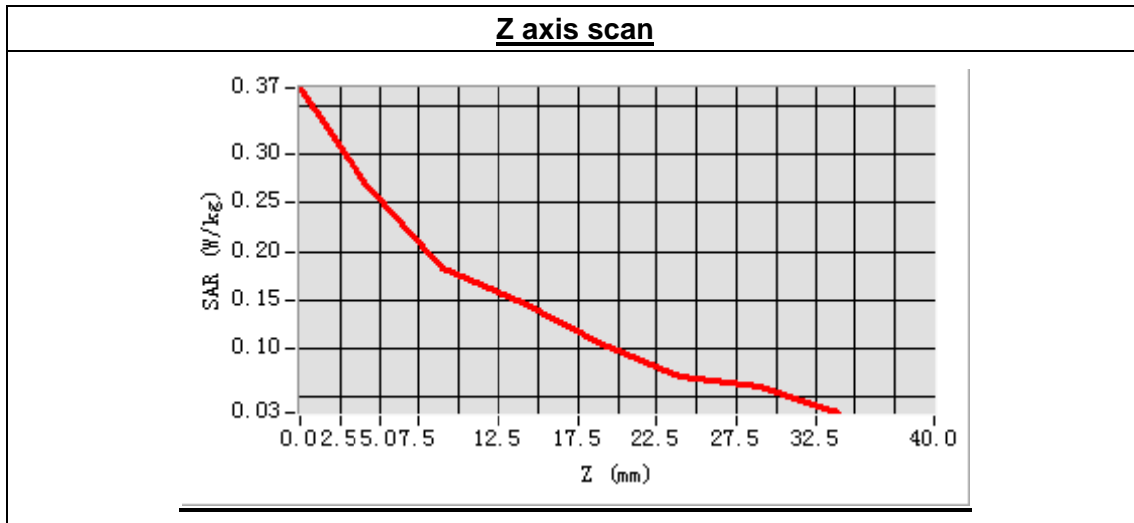
<b>Frequency (MHz)</b>	836.300000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift (%)</b>	-0.500000
<b>Ambient Temperature:</b>	22.5°C
<b>Liquid Temperature:</b>	22.8°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:8



Maximum location: X=10.00, Y=-1.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.200576
SAR 1g (W/Kg)	0.282740



**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: 2014.3.17

Measurement duration: 9 minutes 29 seconds

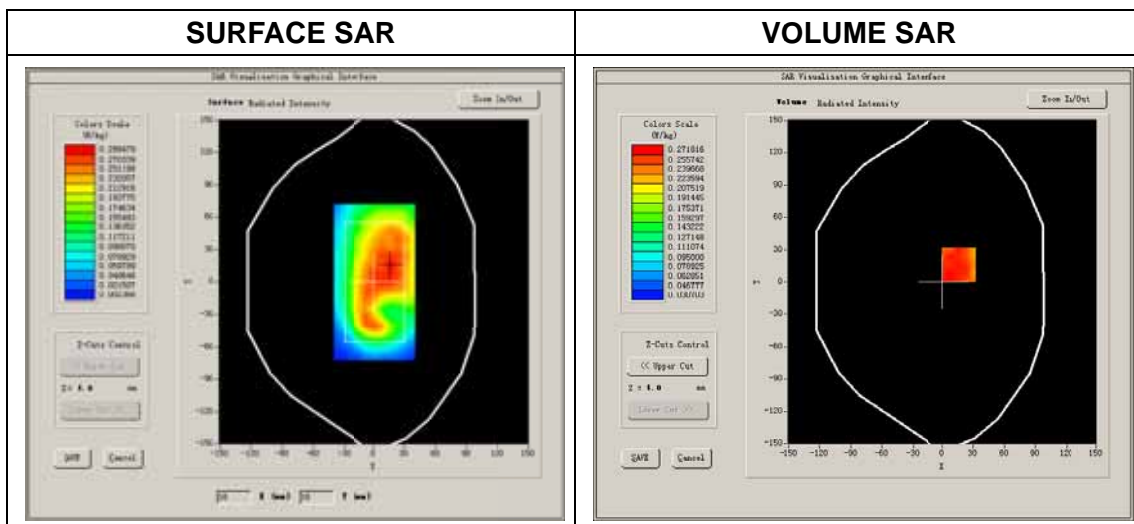
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

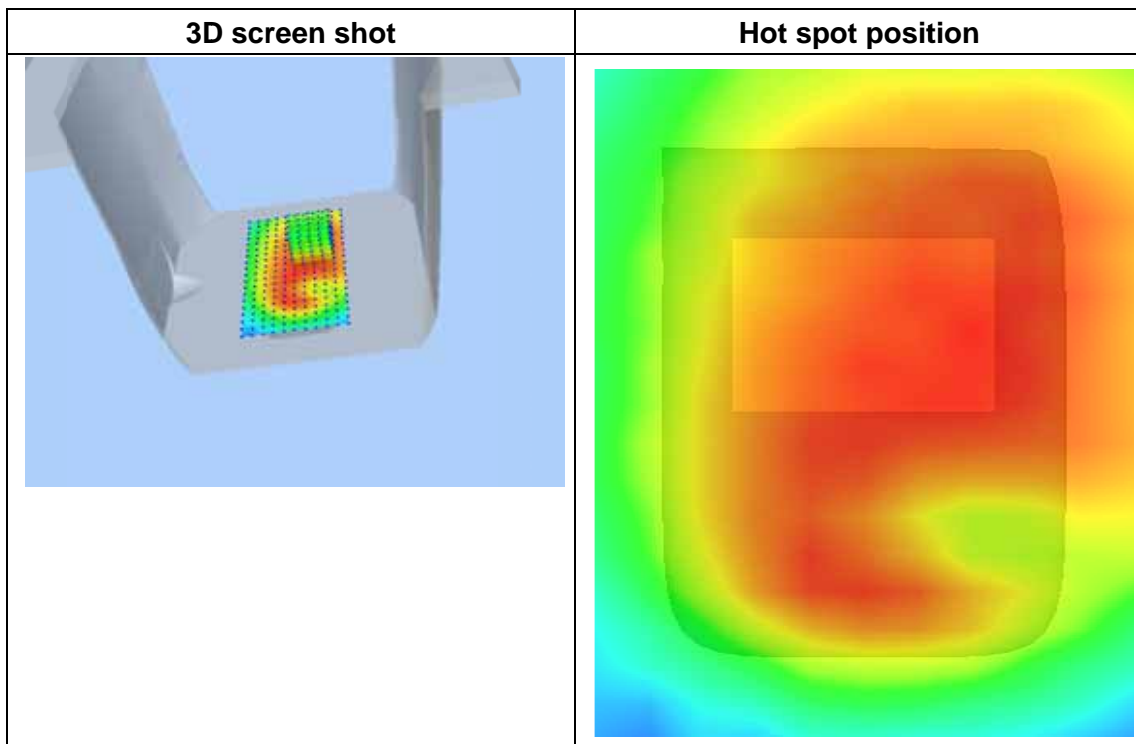
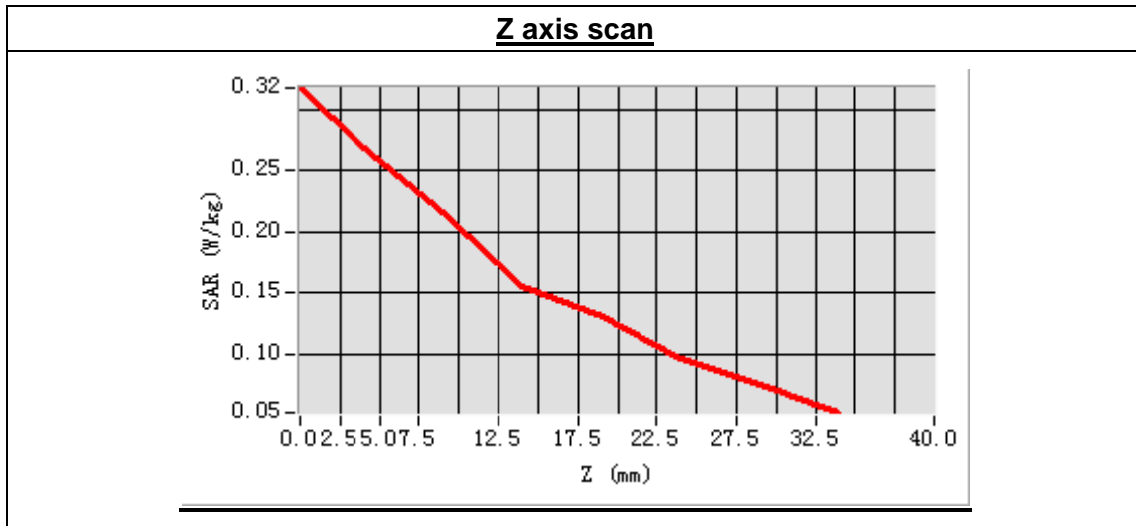
Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.9637150
<b>Power drift (%)</b>	3.710000
<b>Ambient Temperature:</b>	22.5°C
<b>Liquid Temperature:</b>	22.8°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:8



Maximum location: X=16.00, Y=16.00  
 SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.213017
SAR 1g (W/Kg)	0.285086



**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: 2014.3.17

Measurement duration: 9 minutes 36 seconds

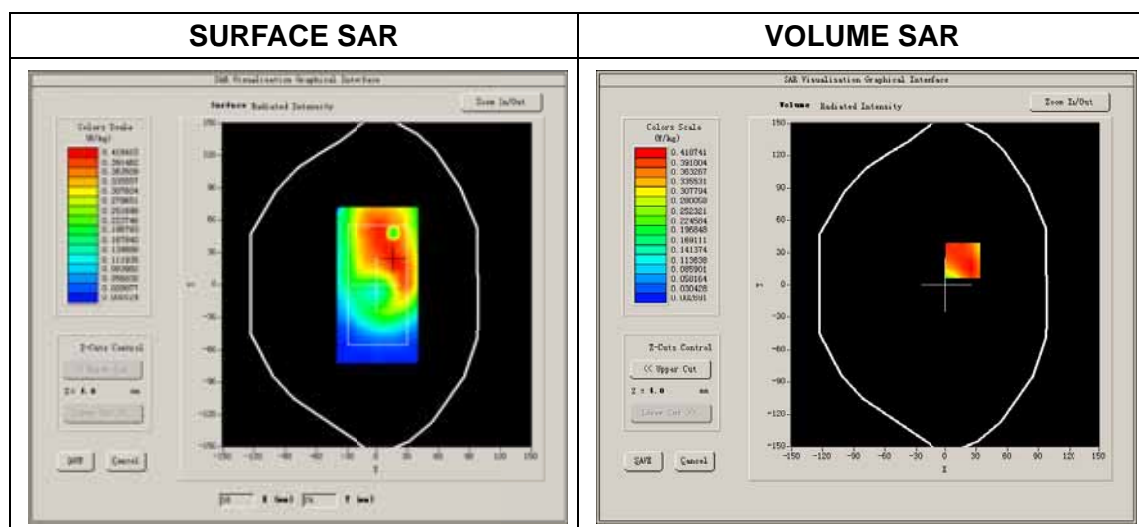
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	High
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

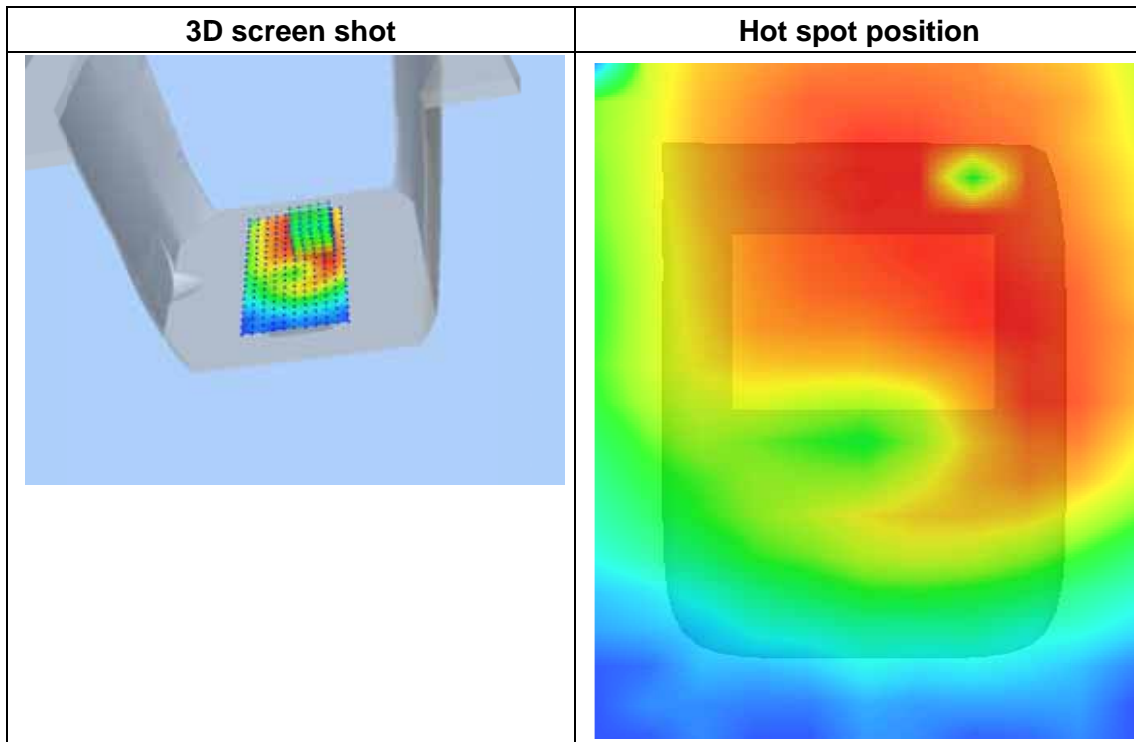
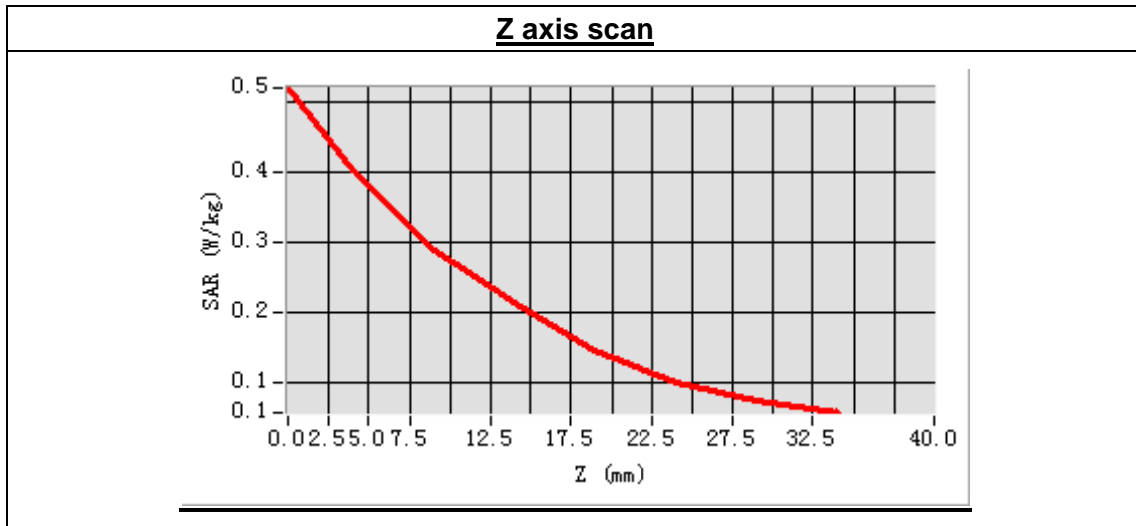
High Band SAR (Channel 251):

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift(%)</b>	-4.220000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:2



Maximum location: X=17.00, Y=23.00  
 SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.285982
SAR 1g (W/Kg)	0.411895



**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: 2014.3.17

Measurement duration: 9 minutes 27 seconds

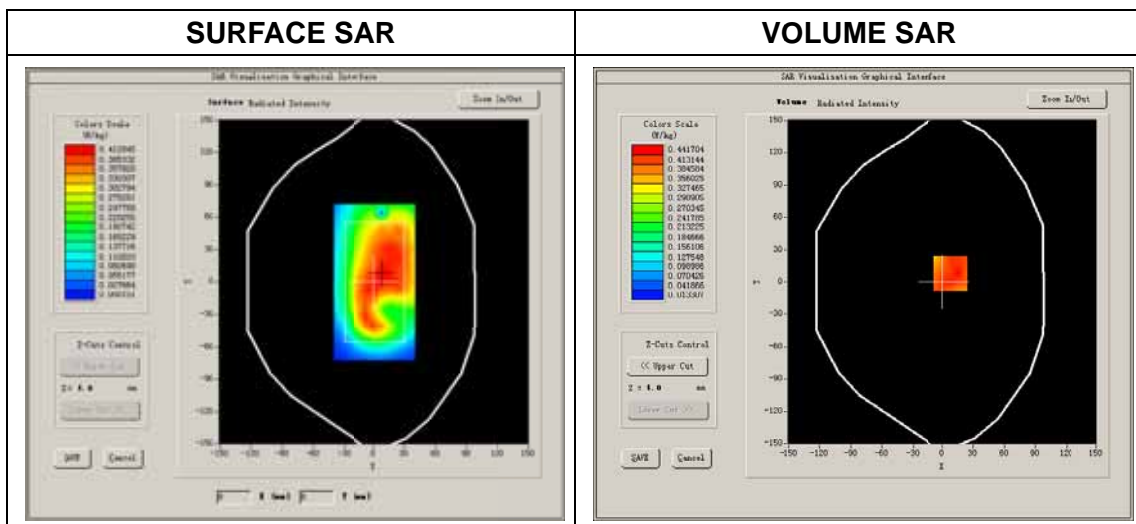
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	High
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

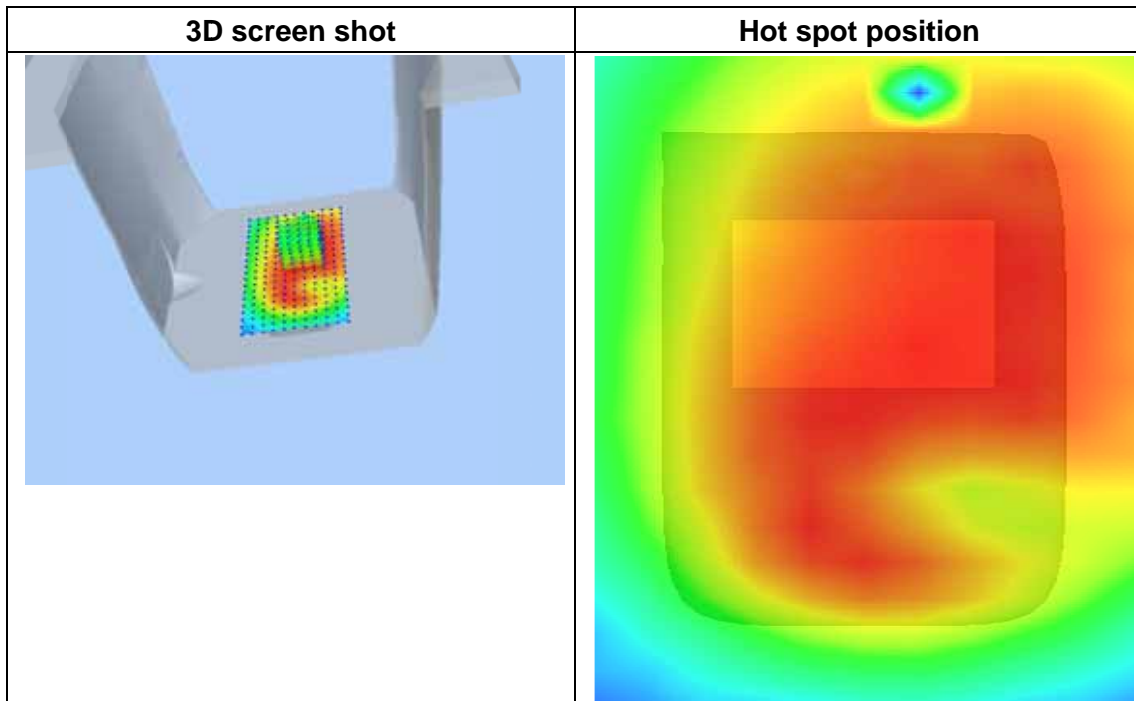
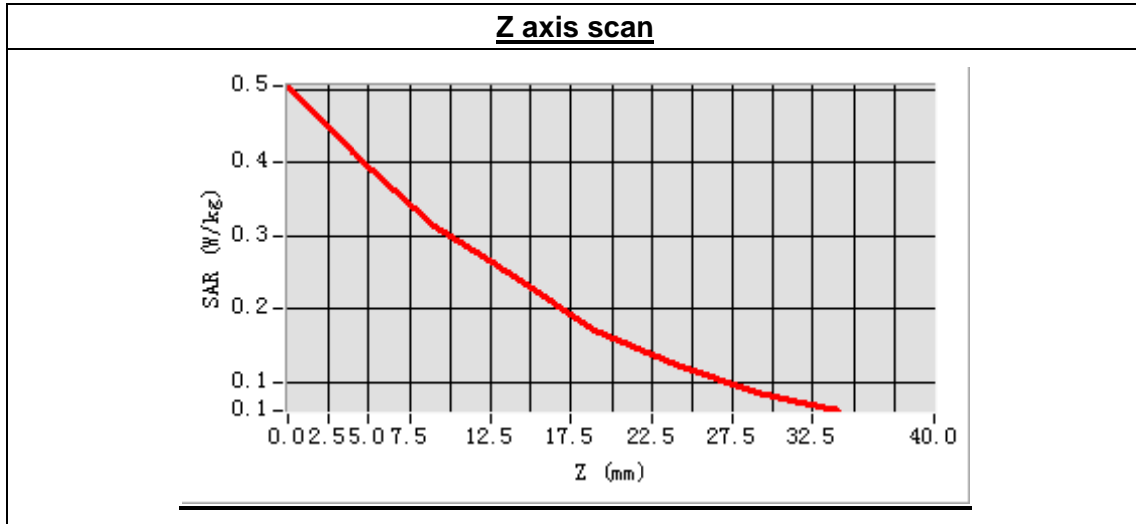
High Band SAR (Channel 251):

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift(%)</b>	-0.760000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:2



Maximum location: X=8.00, Y=8.00  
 SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.308027
SAR 1g (W/Kg)	0.433203





**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: 2014.3.17

Measurement duration: 9 minutes 36 seconds

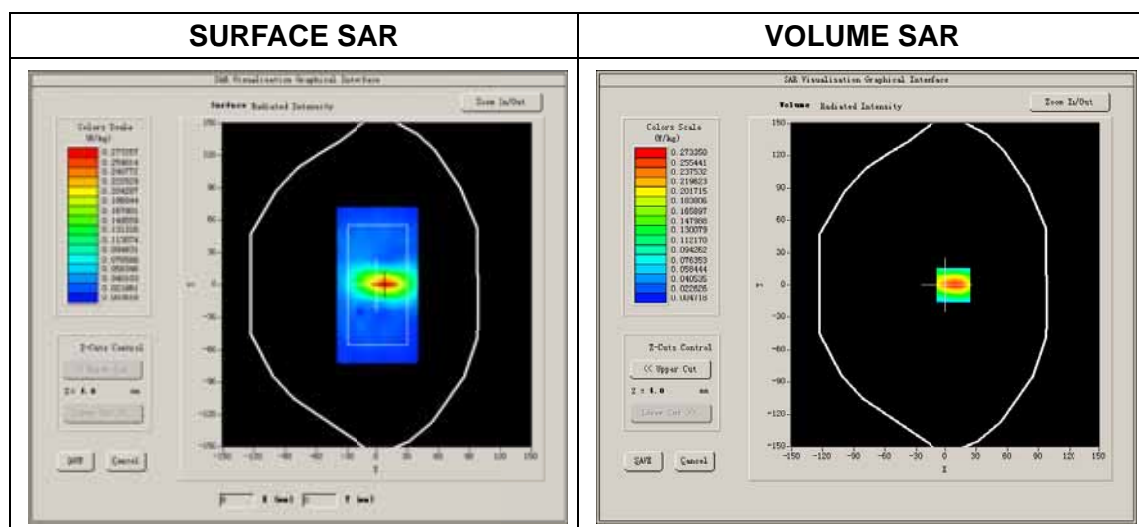
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	High
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

High Band SAR (Channel 251):

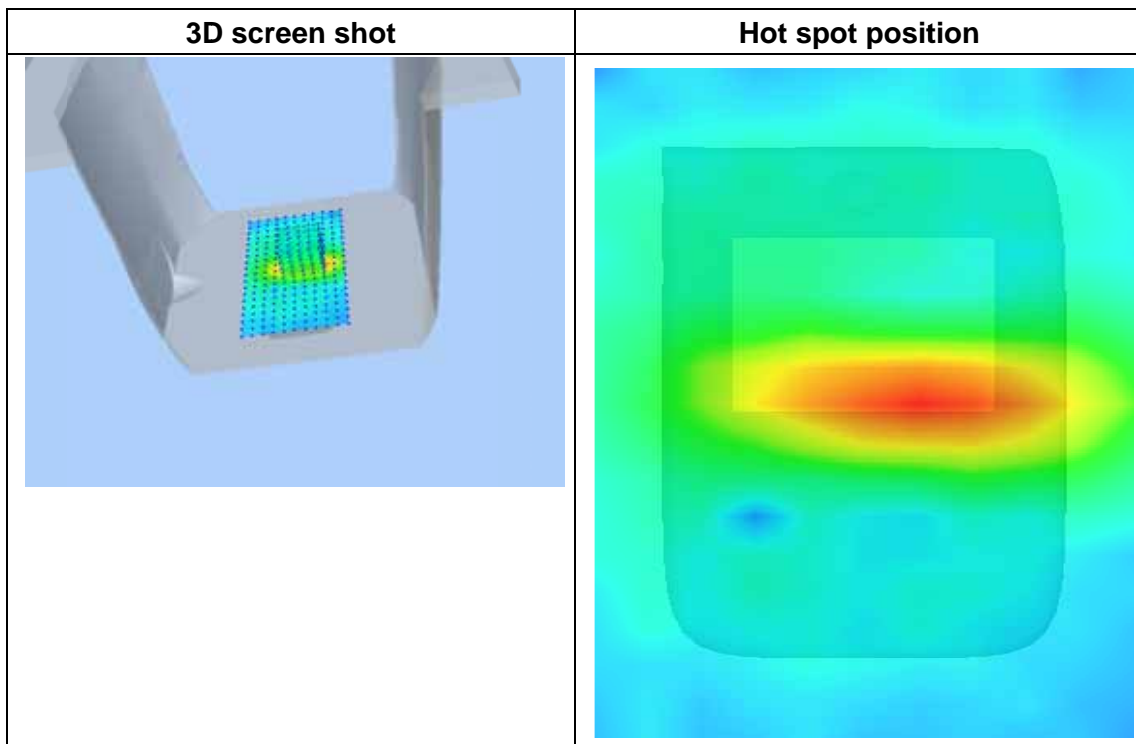
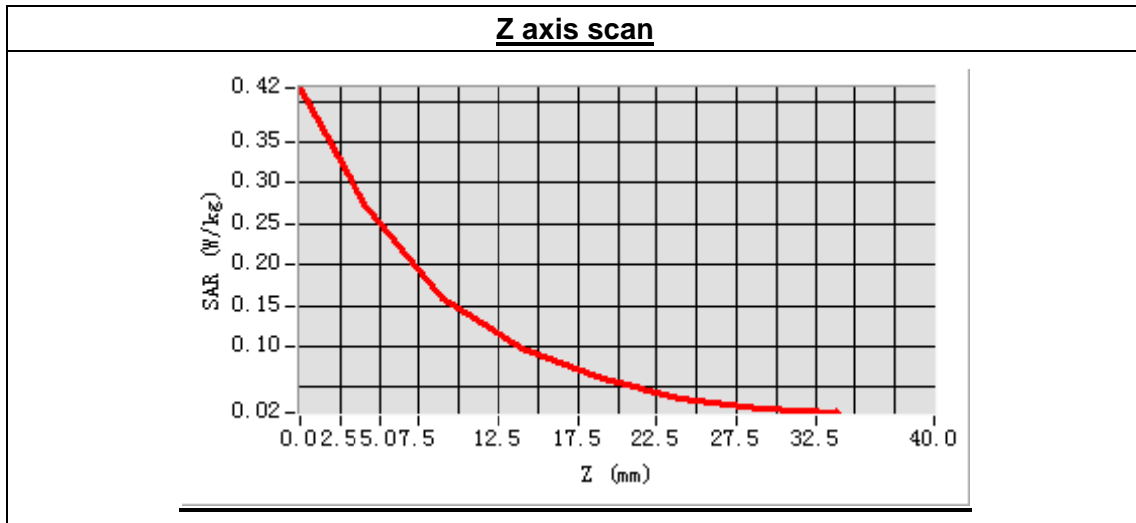
<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift(%)</b>	-1.310000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:2



Maximum location: X=8.00, Y=0.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.132122
SAR 1g (W/Kg)	0.257650



**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: 2014.3.17

Measurement duration: 9 minutes 37 seconds

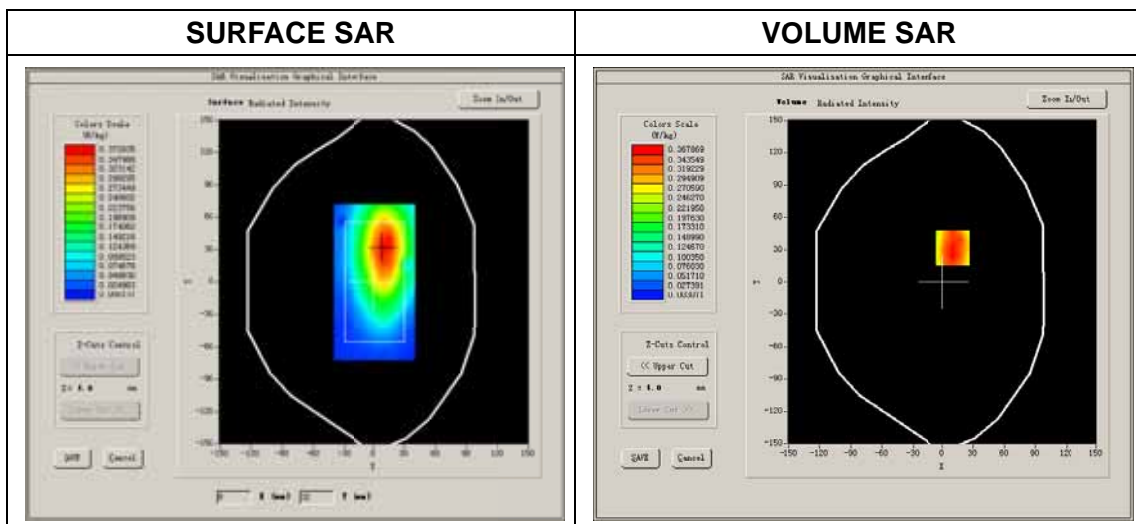
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	High
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

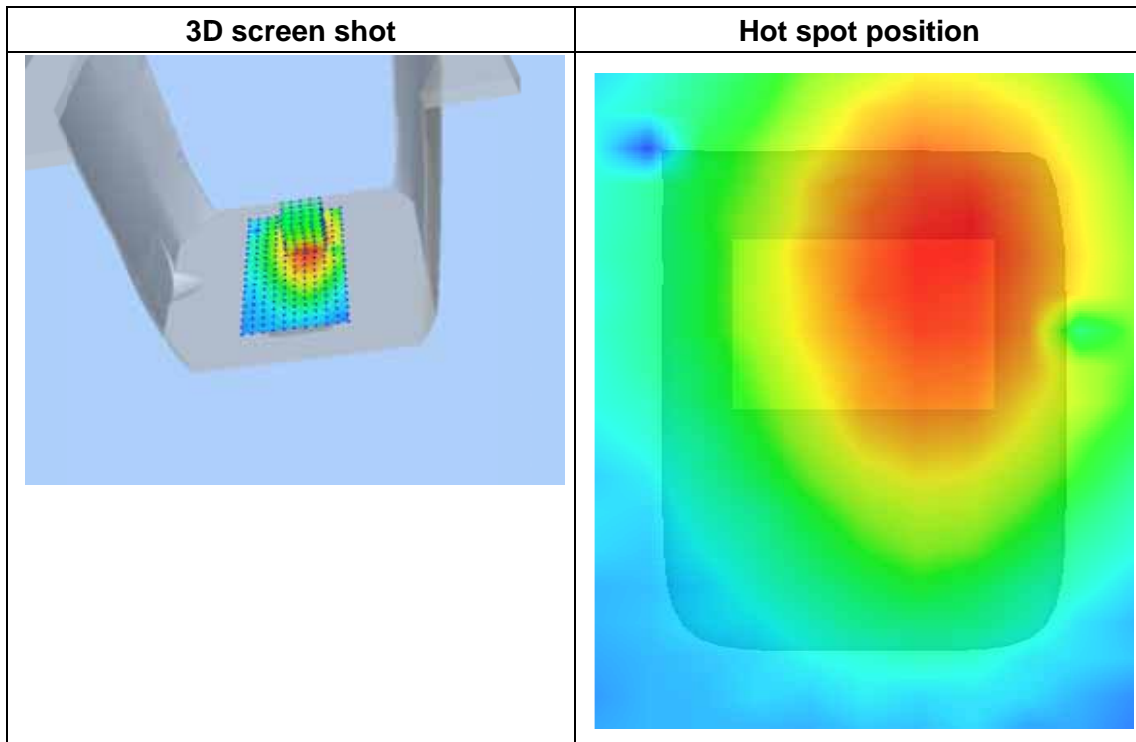
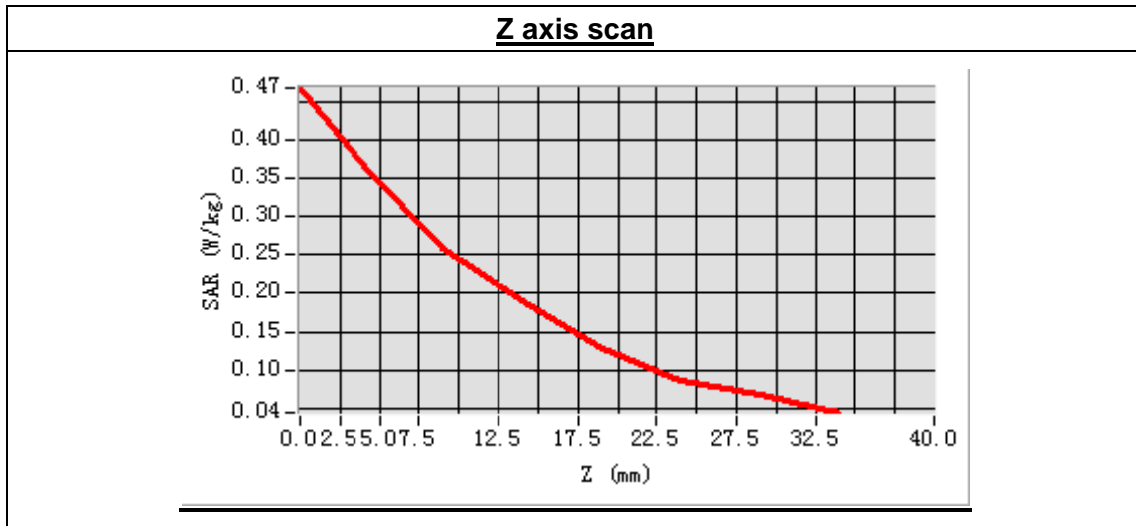
High Band SAR (Channel 251):

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift(%)</b>	2.010000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:2



Maximum location: X=10.00, Y=32.00  
 SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.235804
SAR 1g (W/Kg)	0.354397



**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: 2014.3.17

Measurement duration: 9 minutes 38 seconds

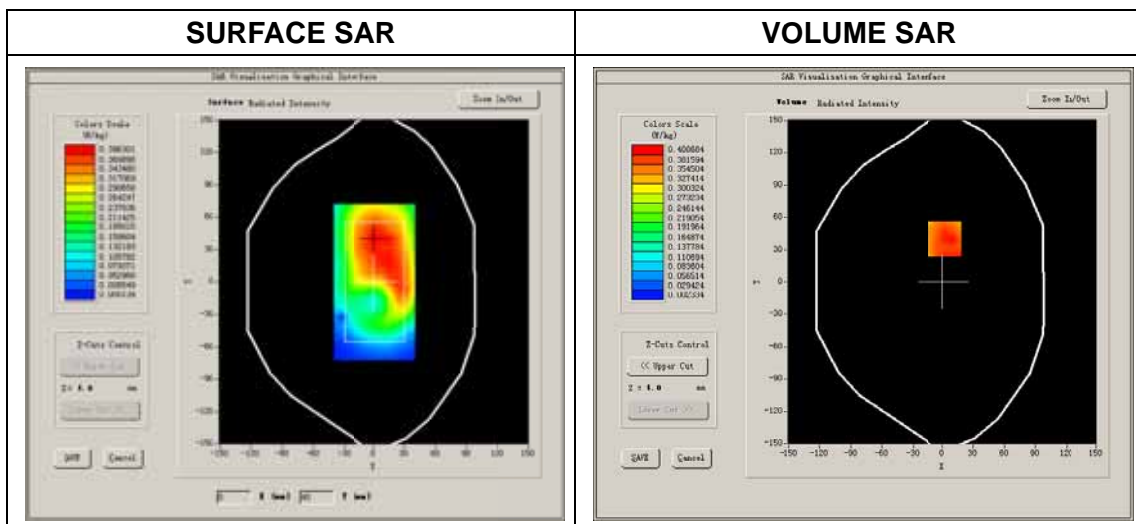
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM850
<b>Channels</b>	High
<b>Signal</b>	GPRS

**B. SAR Measurement Results**

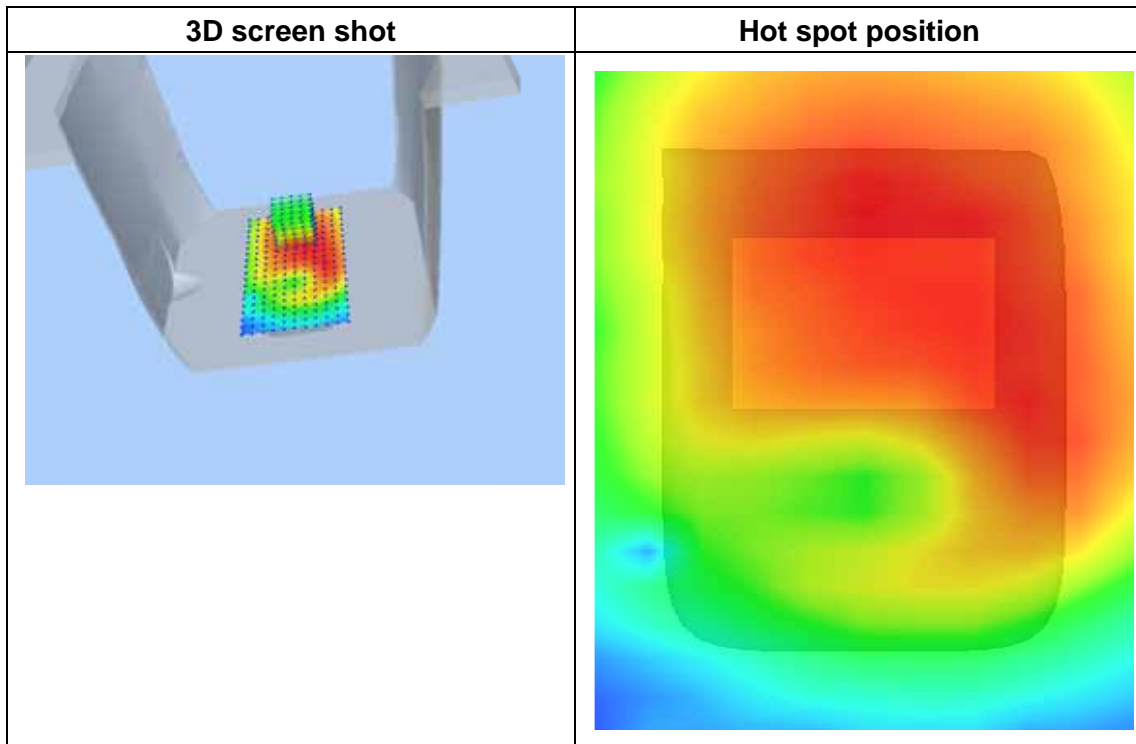
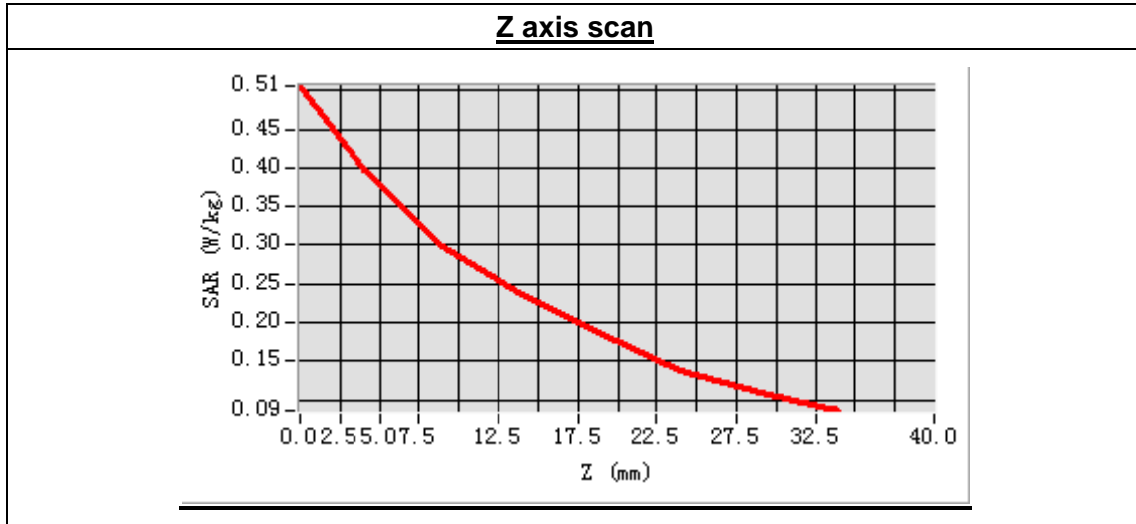
High Band SAR (Channel 251):

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift(%)</b>	-0.900000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:2



Maximum location: X=2.00, Y=40.00  
 SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.285935
SAR 1g (W/Kg)	0.394463



**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: 2014.3.19

Measurement duration: 9 minutes 33 seconds

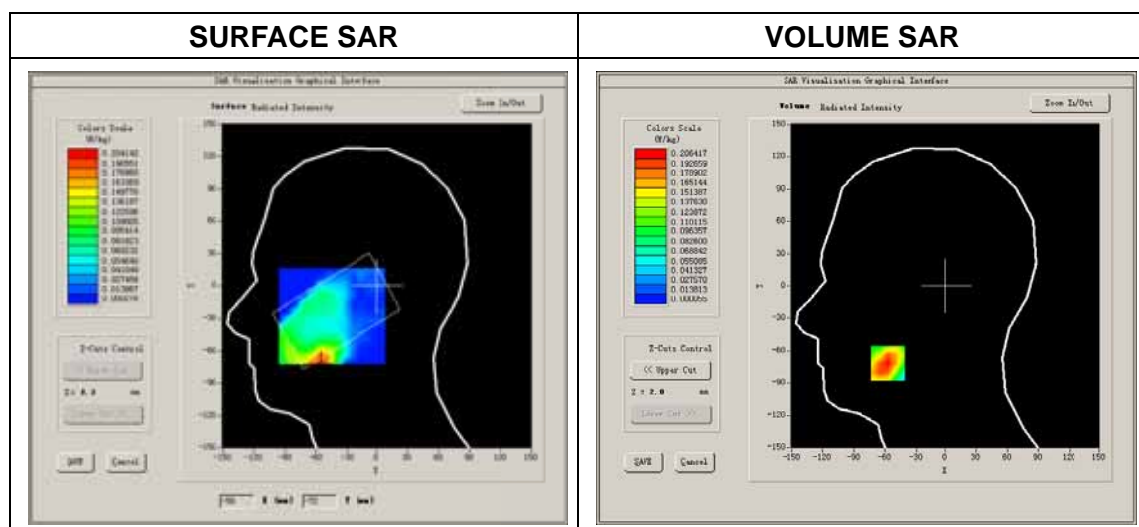
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

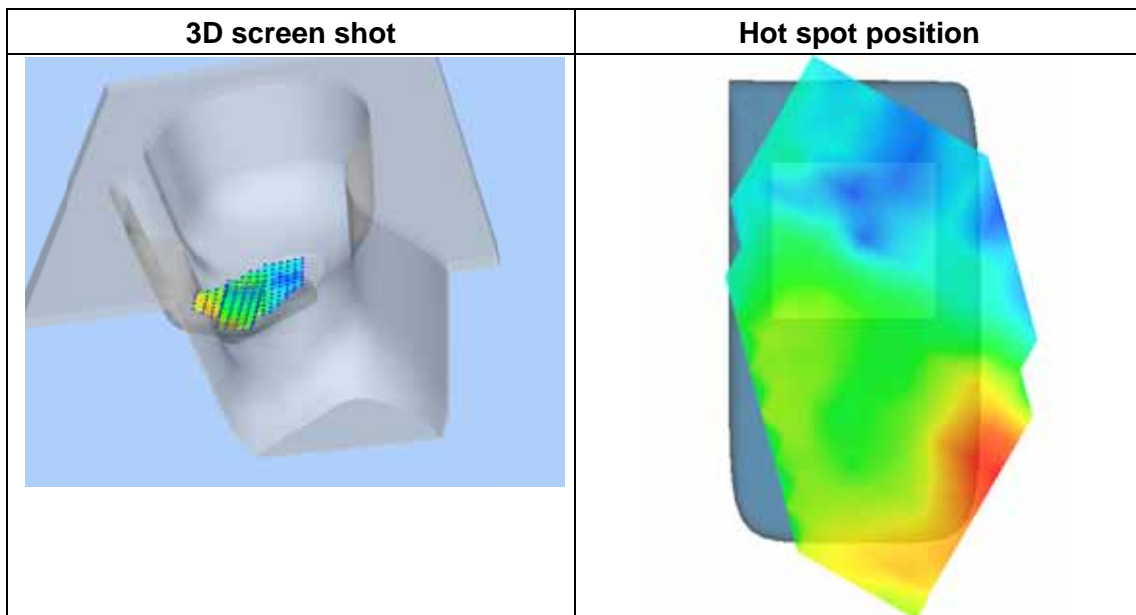
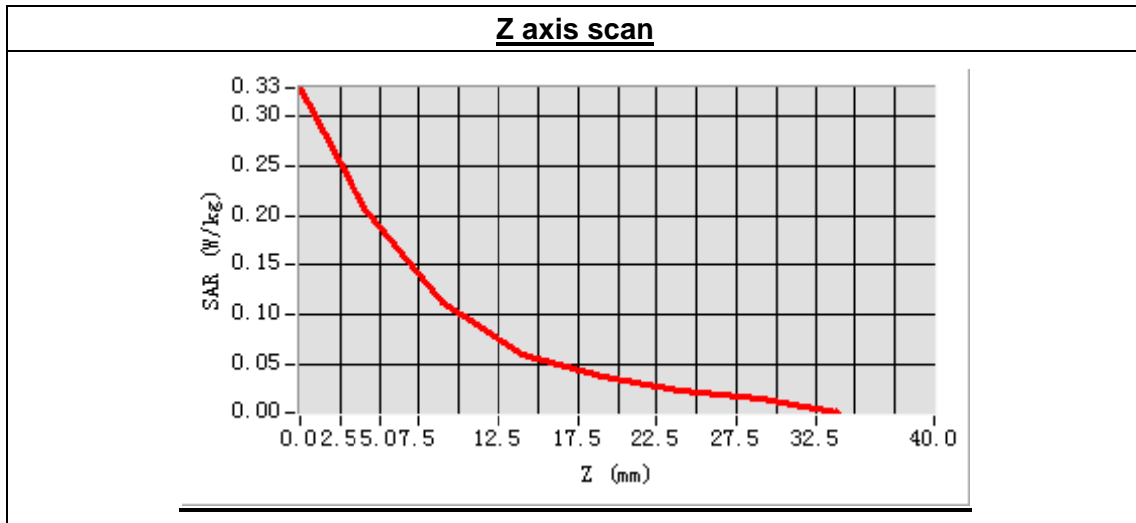
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift(%)</b>	3.240000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:8



Maximum location: X=-57.00, Y=-72.00  
 SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.104445
SAR 1g (W/Kg)	0.199144





**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: 2014.3.19

Measurement duration: 7 minutes 54 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

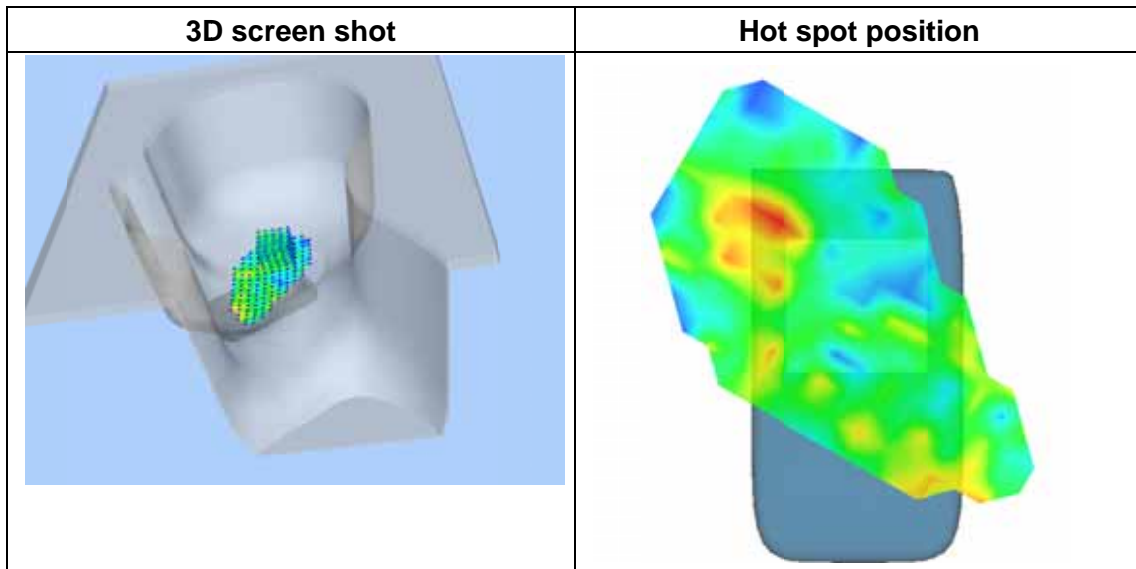
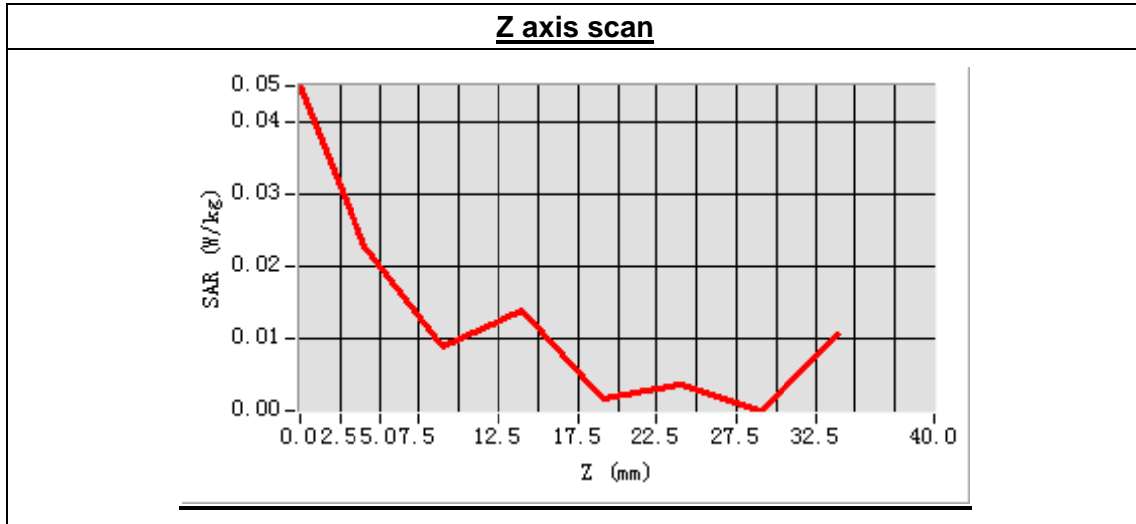
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift(%)</b>	-3.260000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:8



Maximum location: X=-16.00, Y=17.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.011431
SAR 1g (W/Kg)	0.022819



**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: 2014.3.19

Measurement duration: 8 minutes 57 seconds

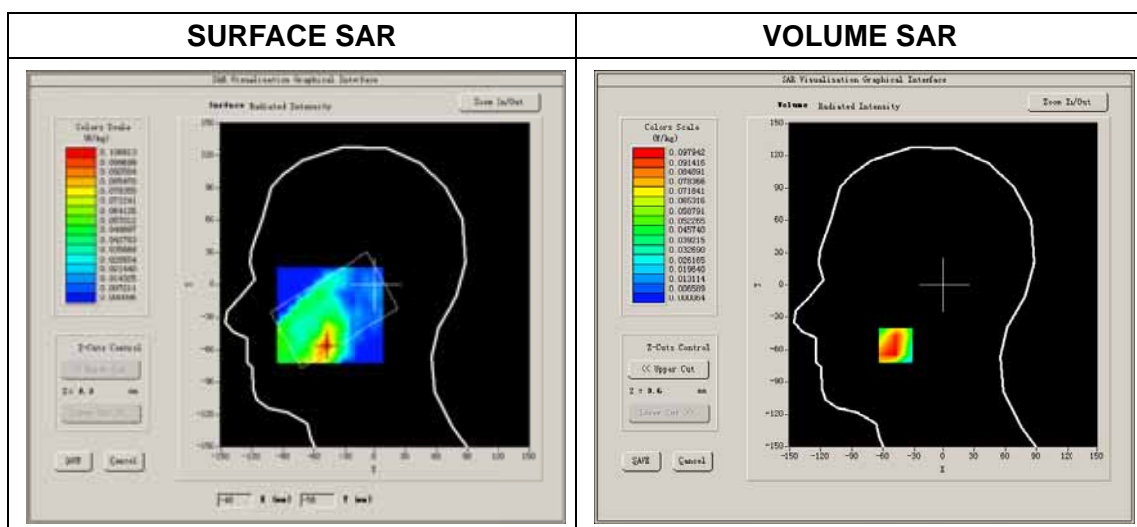
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

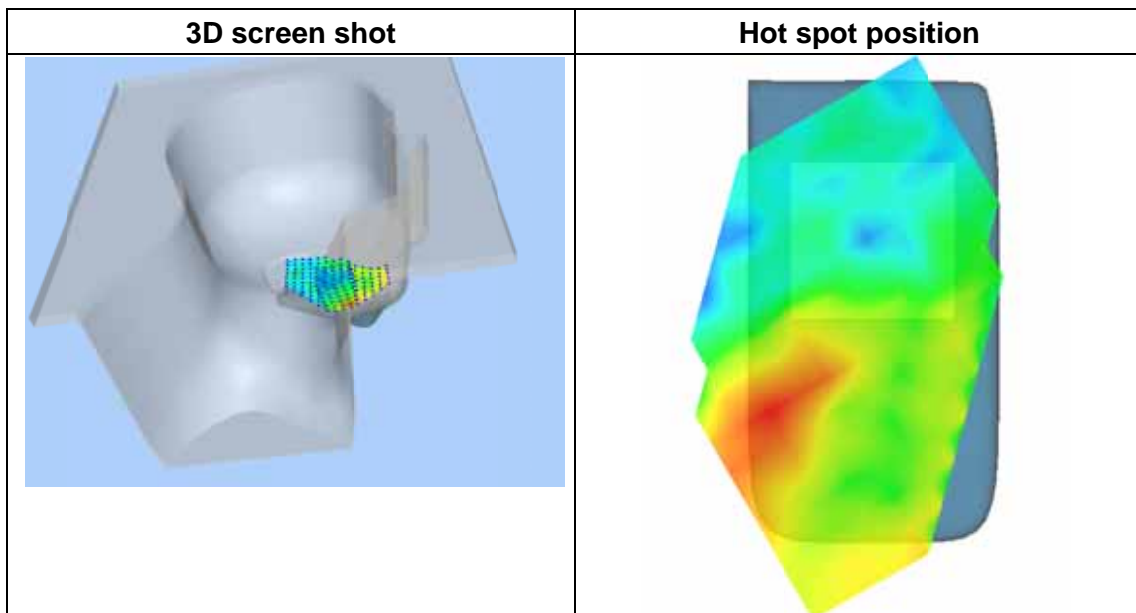
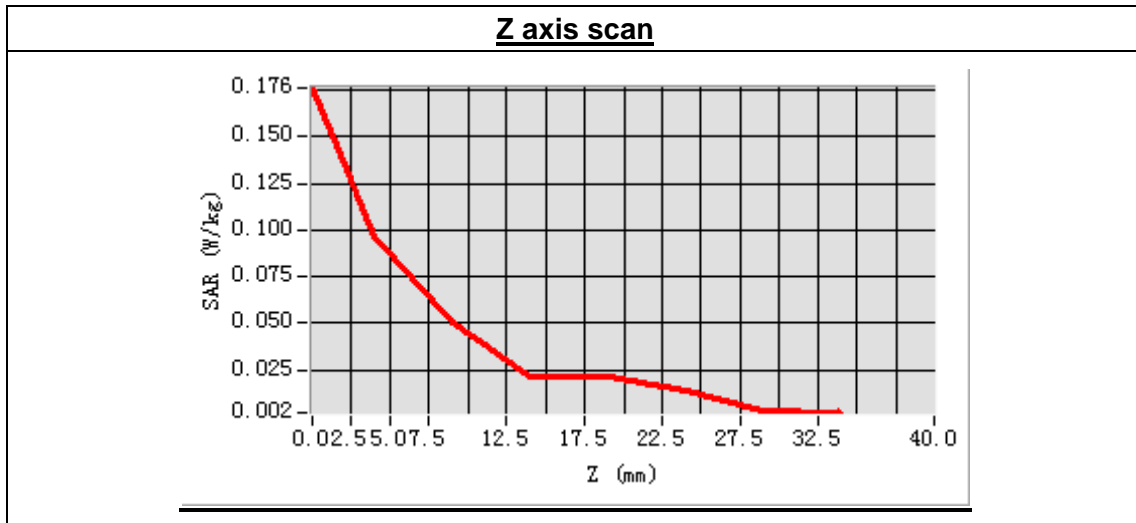
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift(%)</b>	-2.280000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:8



Maximum location: X=-48.00, Y=-56.00  
 SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.049365
SAR 1g (W/Kg)	0.100930



**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: 2014.3.19

Measurement duration: 9 minutes 18 seconds

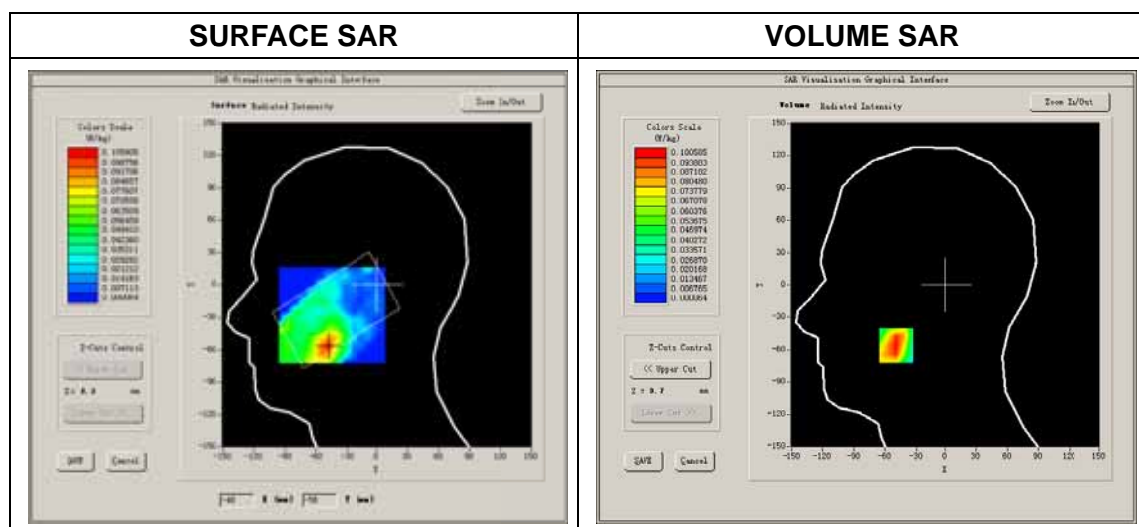
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

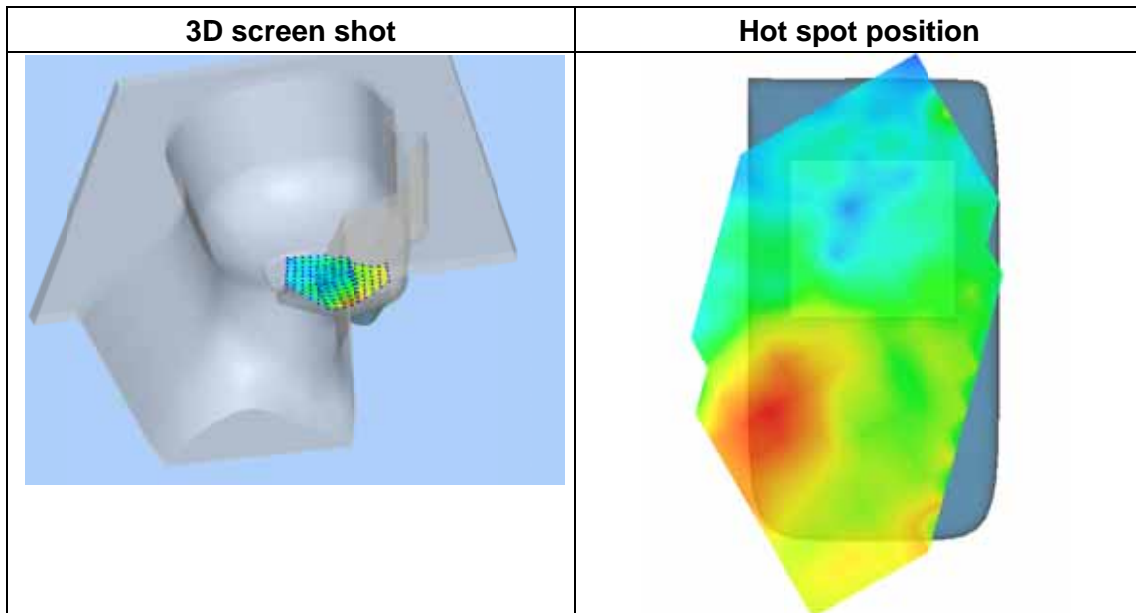
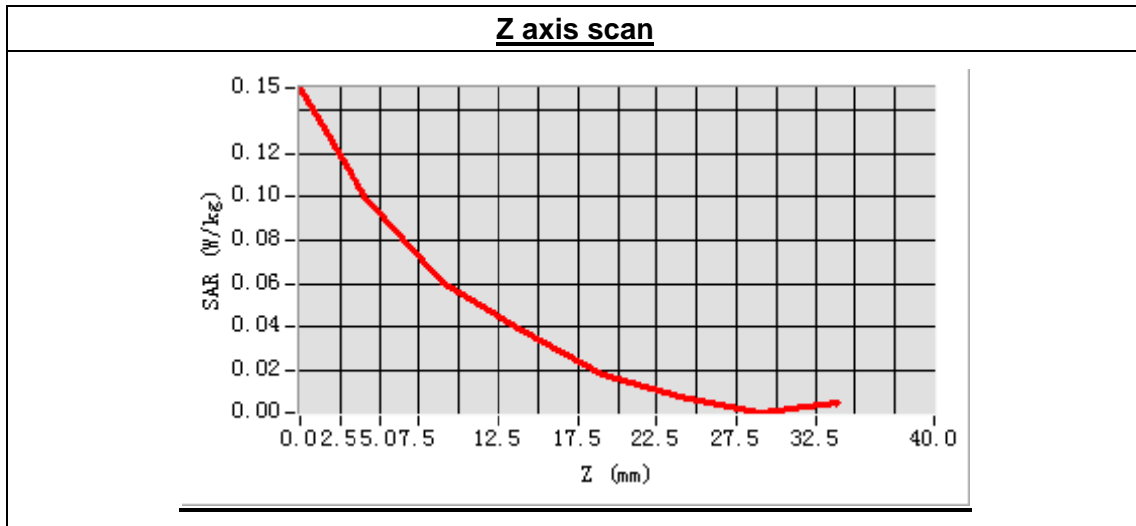
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift(%)</b>	-3.900000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:8



Maximum location: X=-49.00, Y=-56.00  
 SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.051685
SAR 1g (W/Kg)	0.096647



**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: 2014.3.19

Measurement duration: 9 minutes 30 seconds

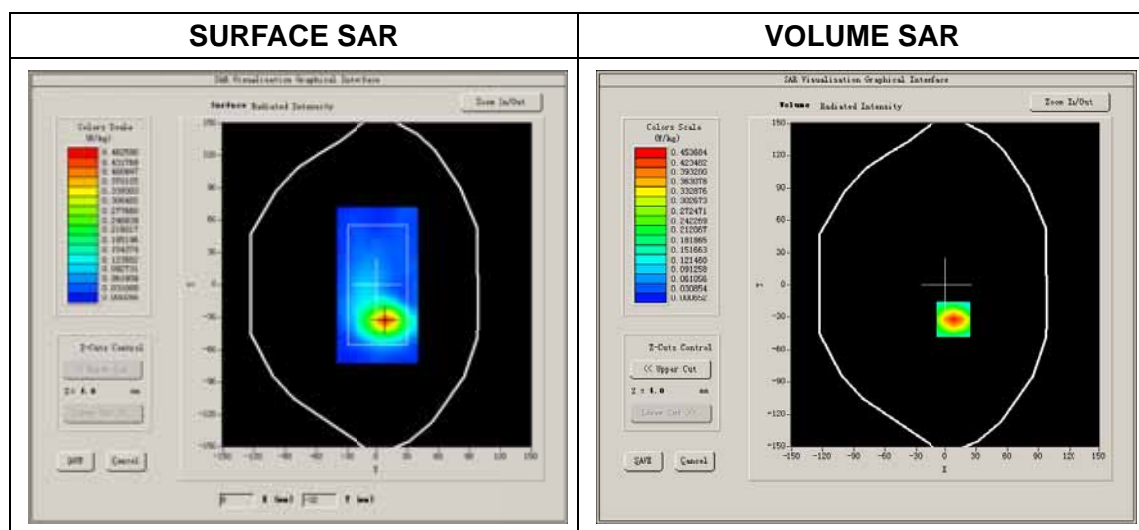
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

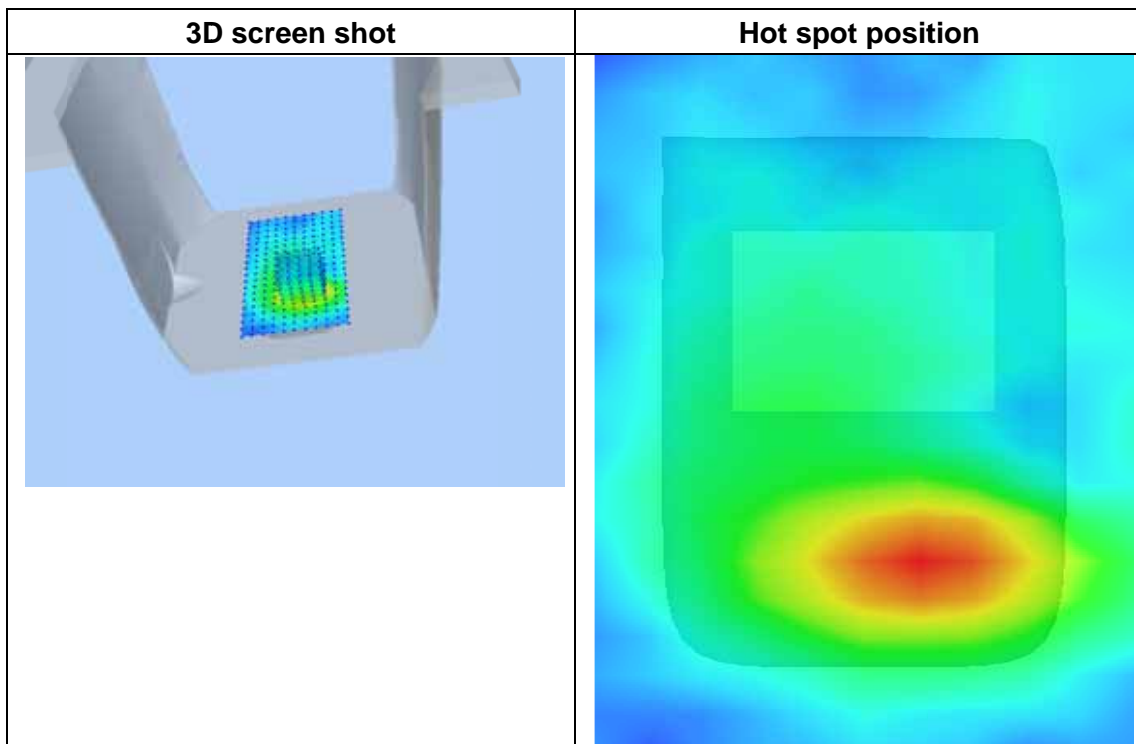
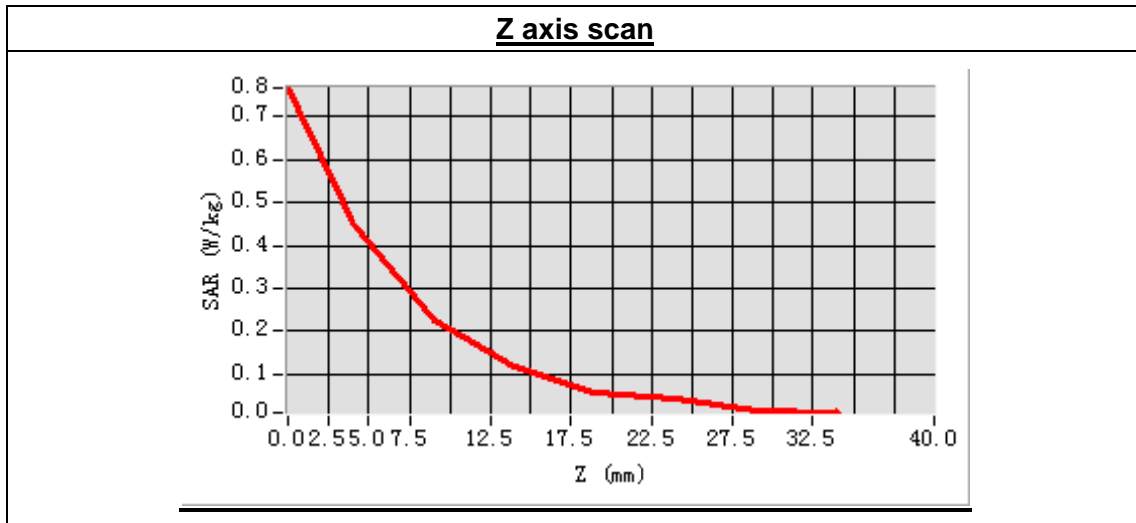
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	-1.610000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:8



Maximum location: X=8.00, Y=-32.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.221951
SAR 1g (W/Kg)	0.462589





**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: 2014.3.19

Measurement duration: 9 minutes 34 seconds

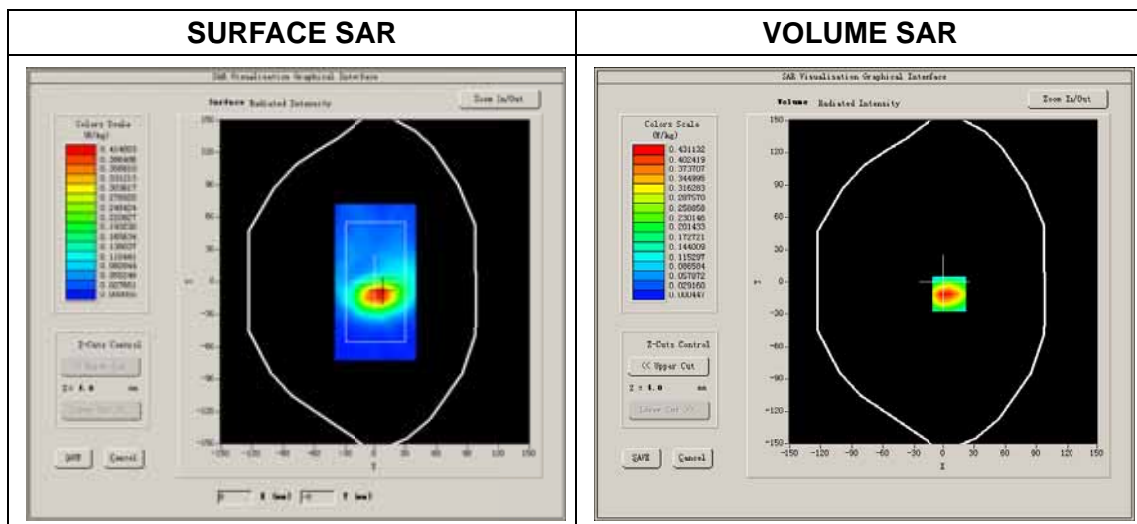
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

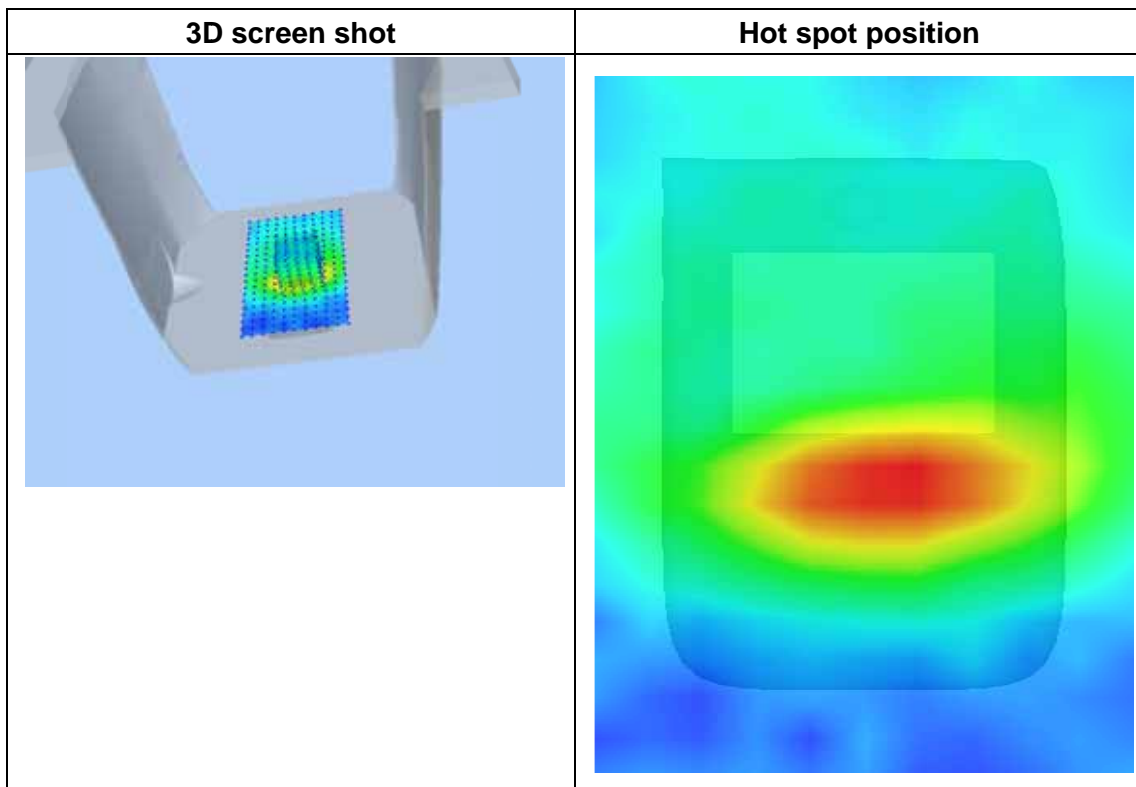
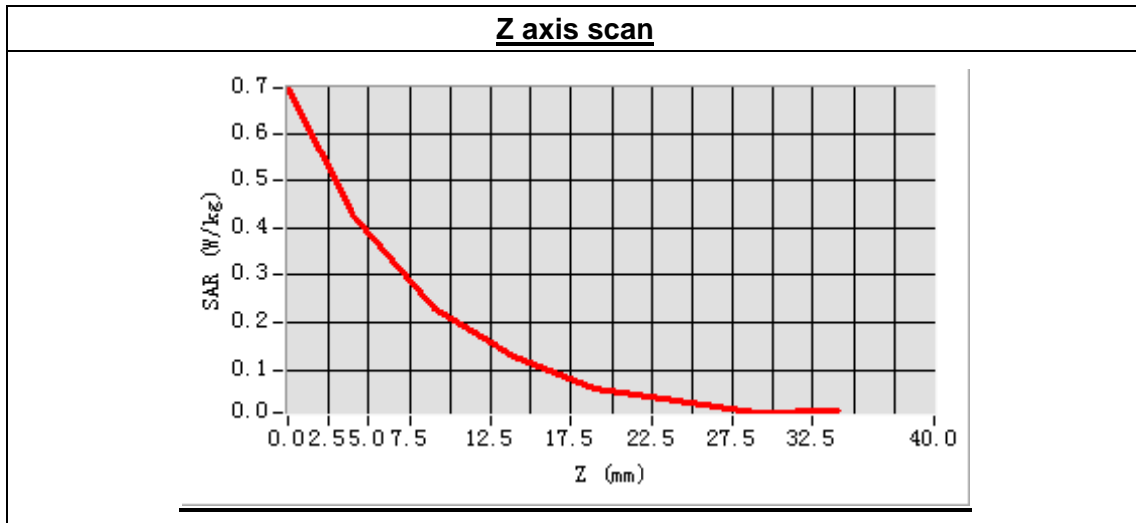
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	-3.300000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:8



Maximum location: X=6.00, Y=-11.00  
 SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.218866
SAR 1g (W/Kg)	0.456447



**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: 2014.3.19

Measurement duration: 9 minutes 19 seconds

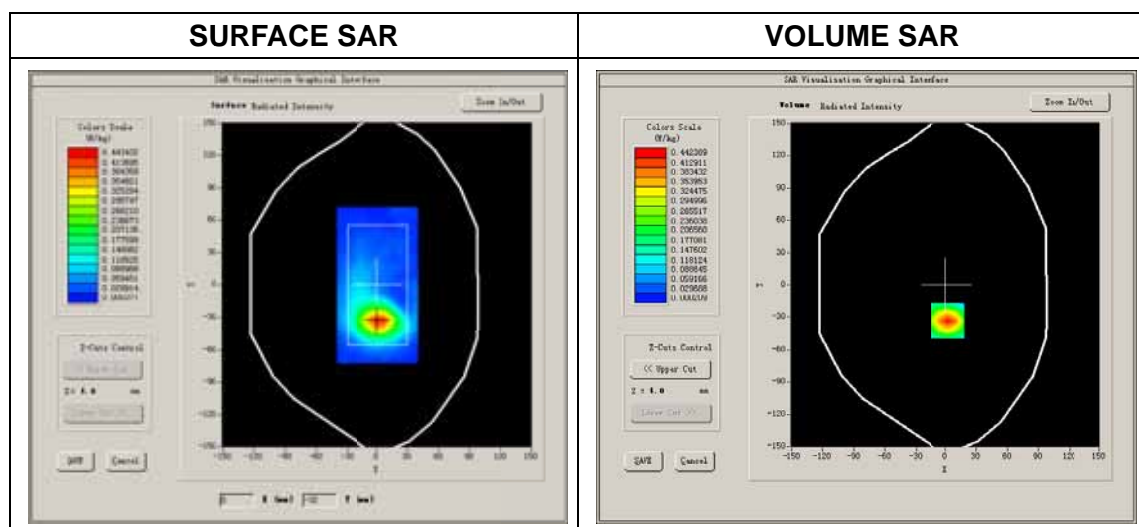
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

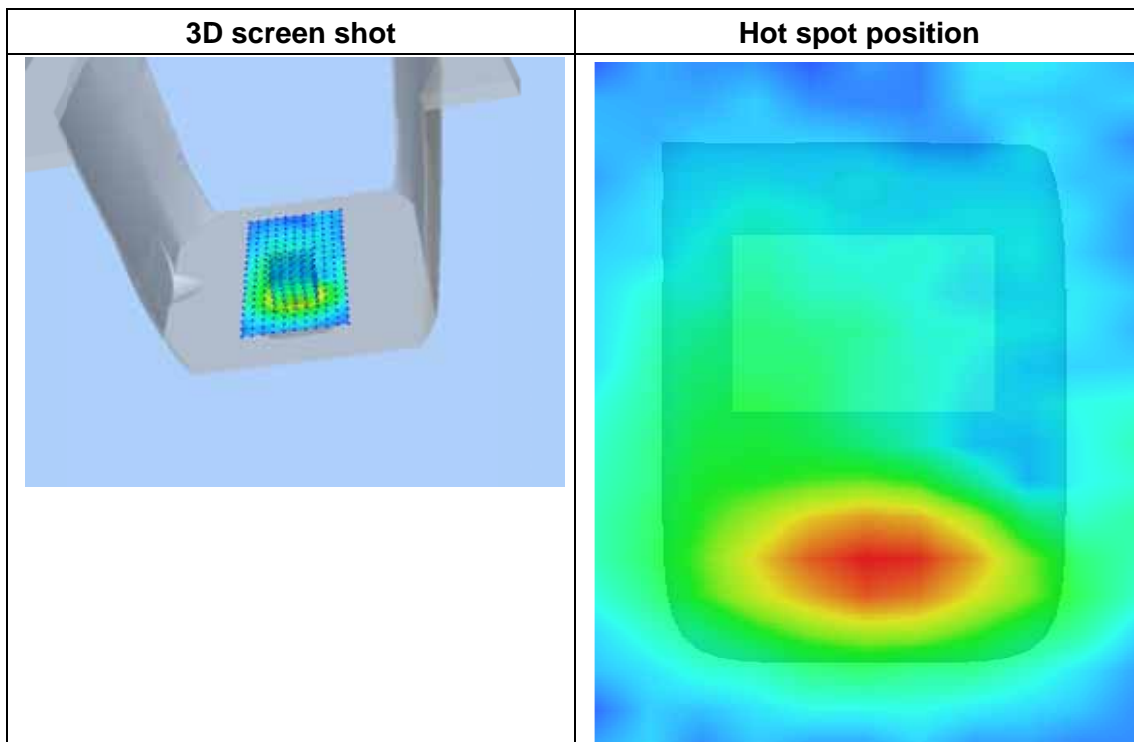
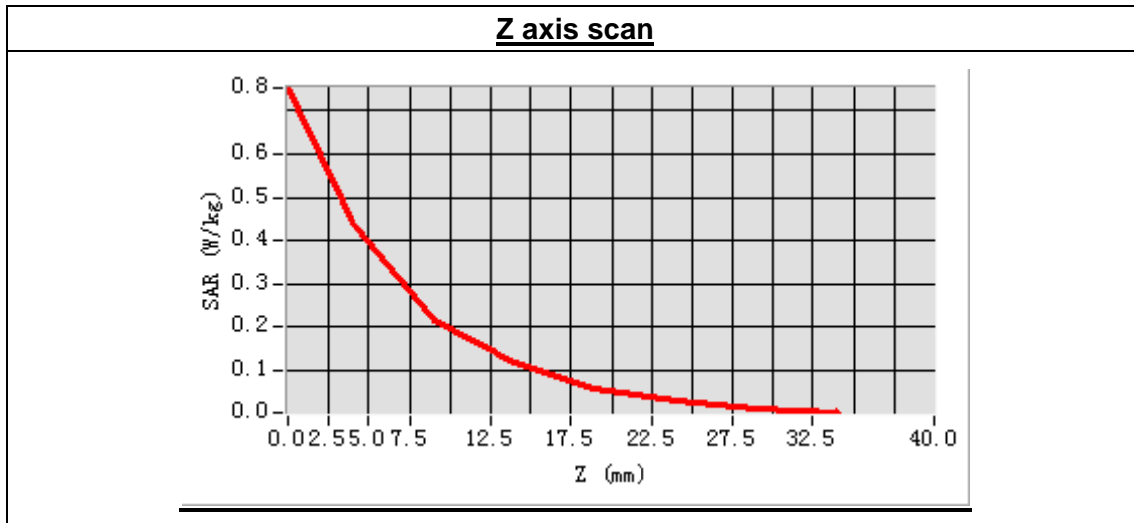
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	2.150000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:2



Maximum location: X=2.00, Y=-33.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.202129
SAR 1g (W/Kg)	0.425637



**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: 2014.3.19

Measurement duration: 9 minutes 24 seconds

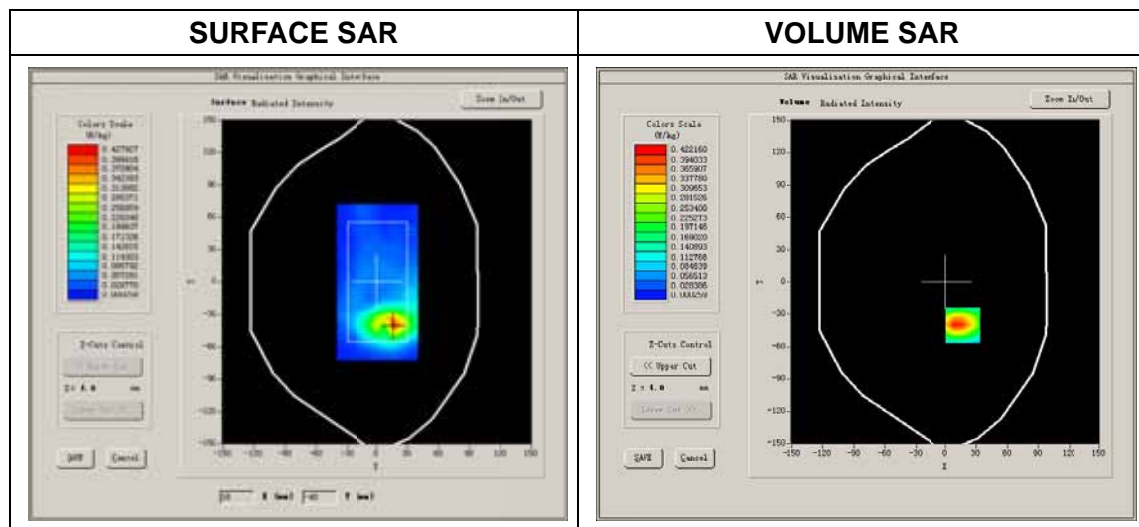
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

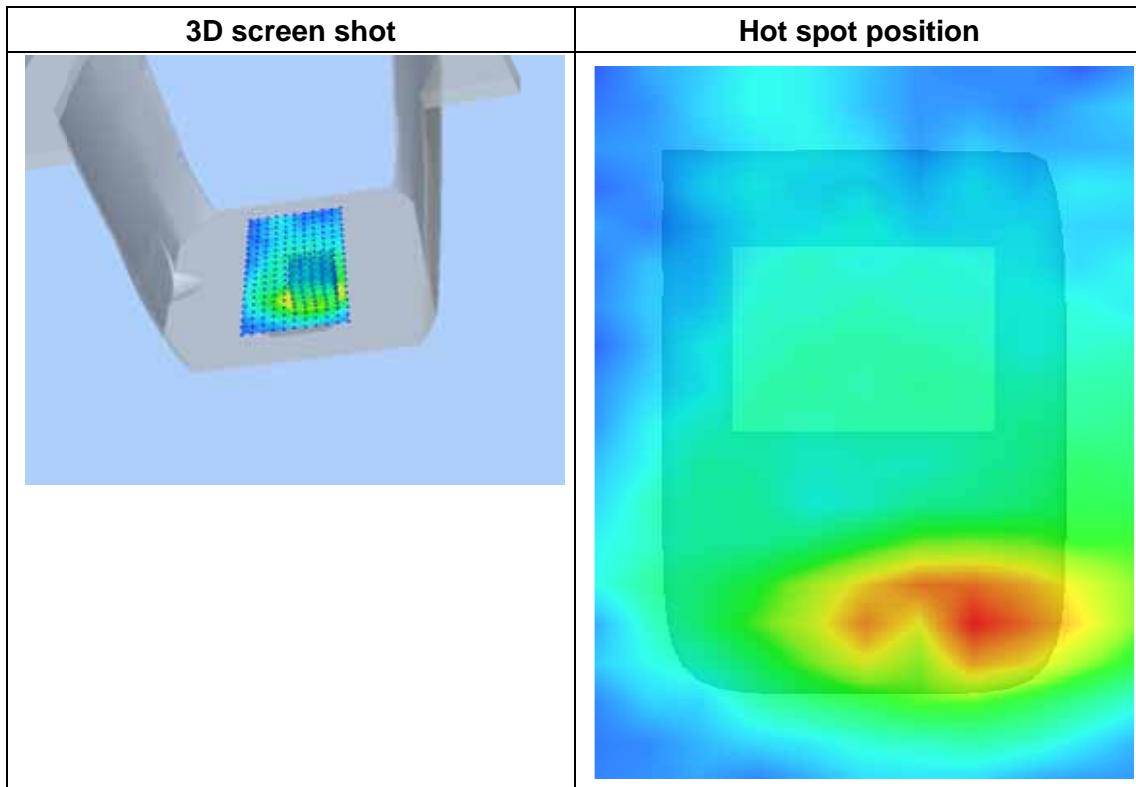
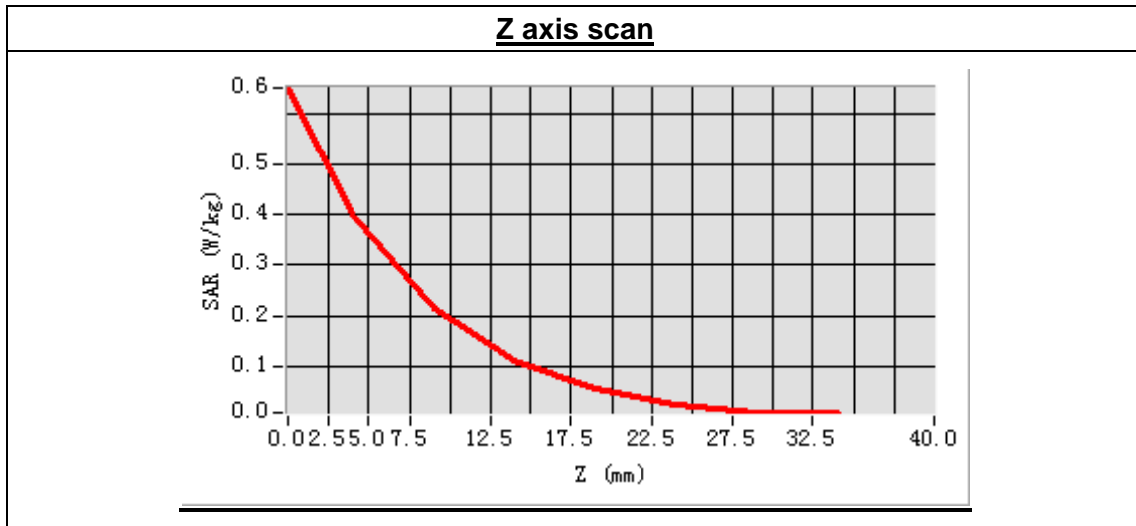
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	3.400000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:2



Maximum location: X=17.00, Y=-40.00  
 SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.194419
SAR 1g (W/Kg)	0.410395



**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: 2014.3.19

Measurement duration: 9 minutes 34 seconds

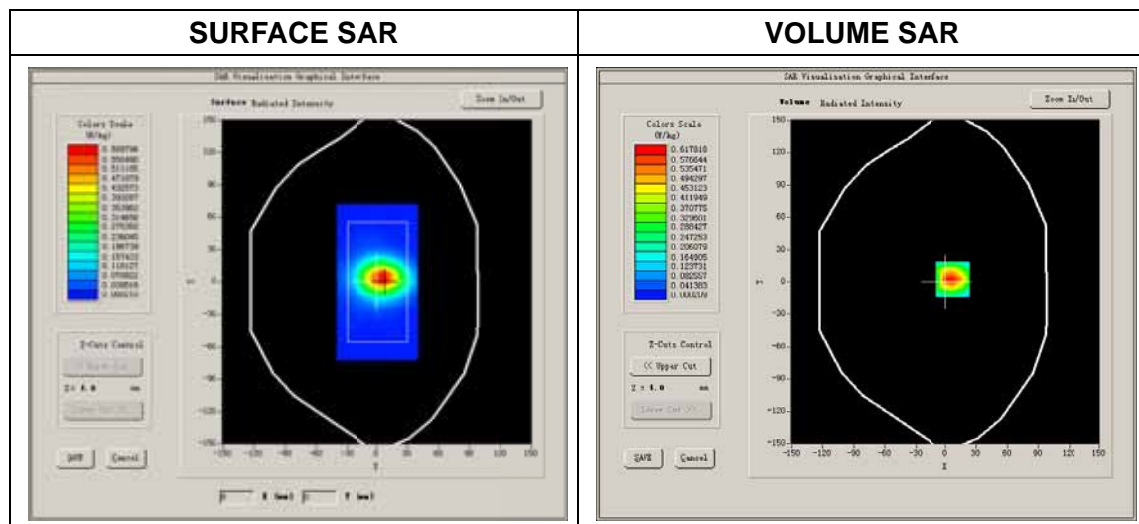
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

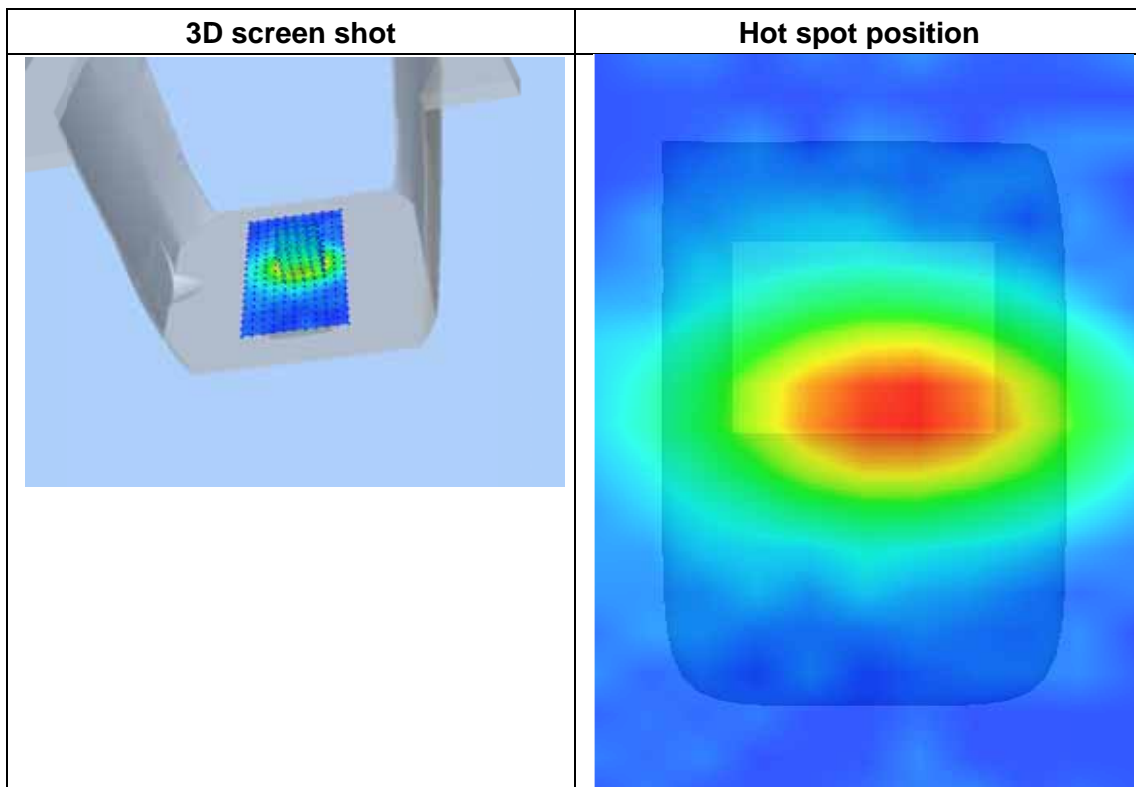
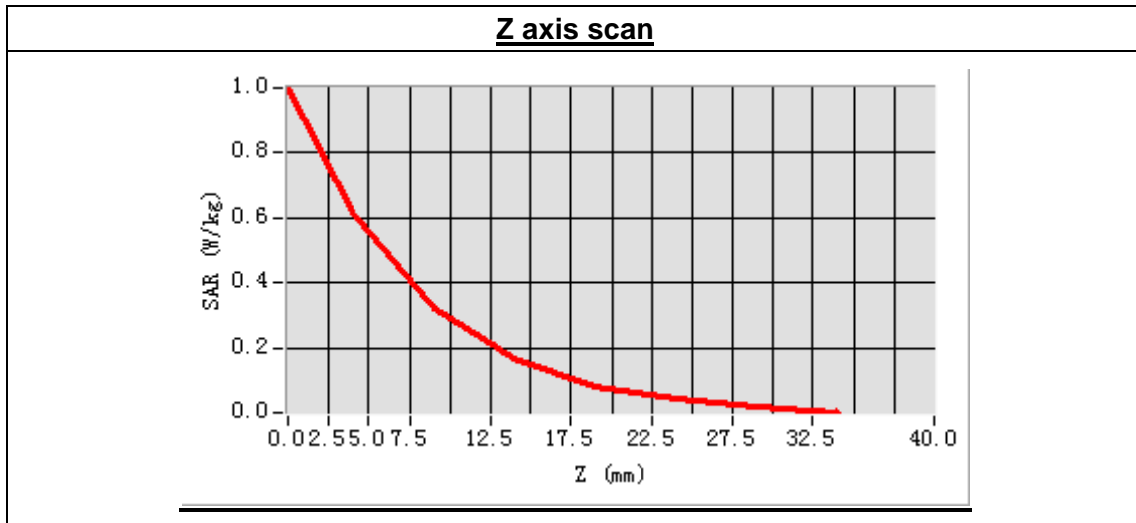
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	1.130000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:2



Maximum location: X=7.00, Y=3.00

SAR Peak: 1.13 W/kg

SAR 10g (W/Kg)	0.279769
SAR 1g (W/Kg)	0.616652





**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: 2014.3.19

Measurement duration: 9 minutes 33 seconds

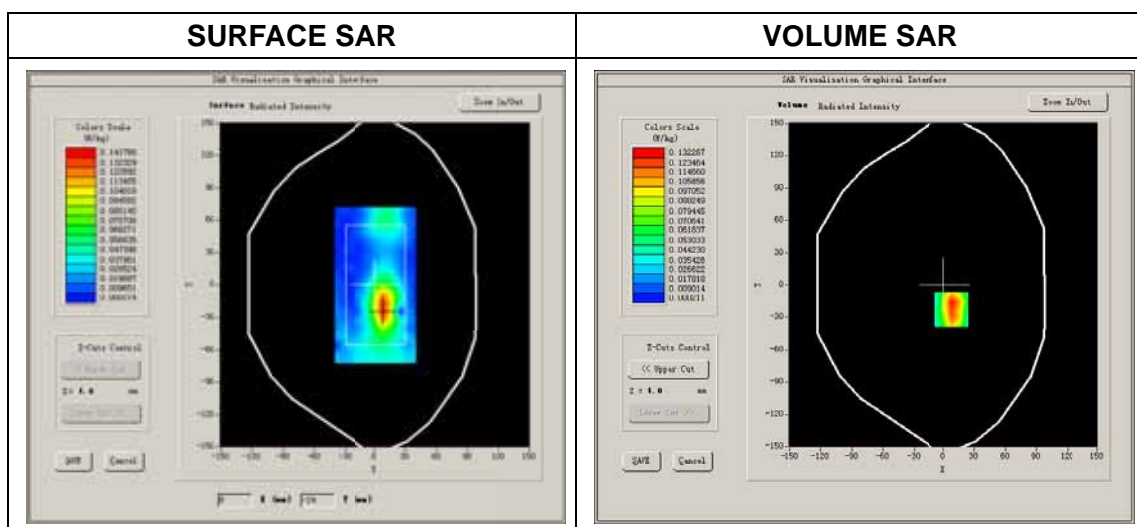
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	EDGE

**B. SAR Measurement Results**

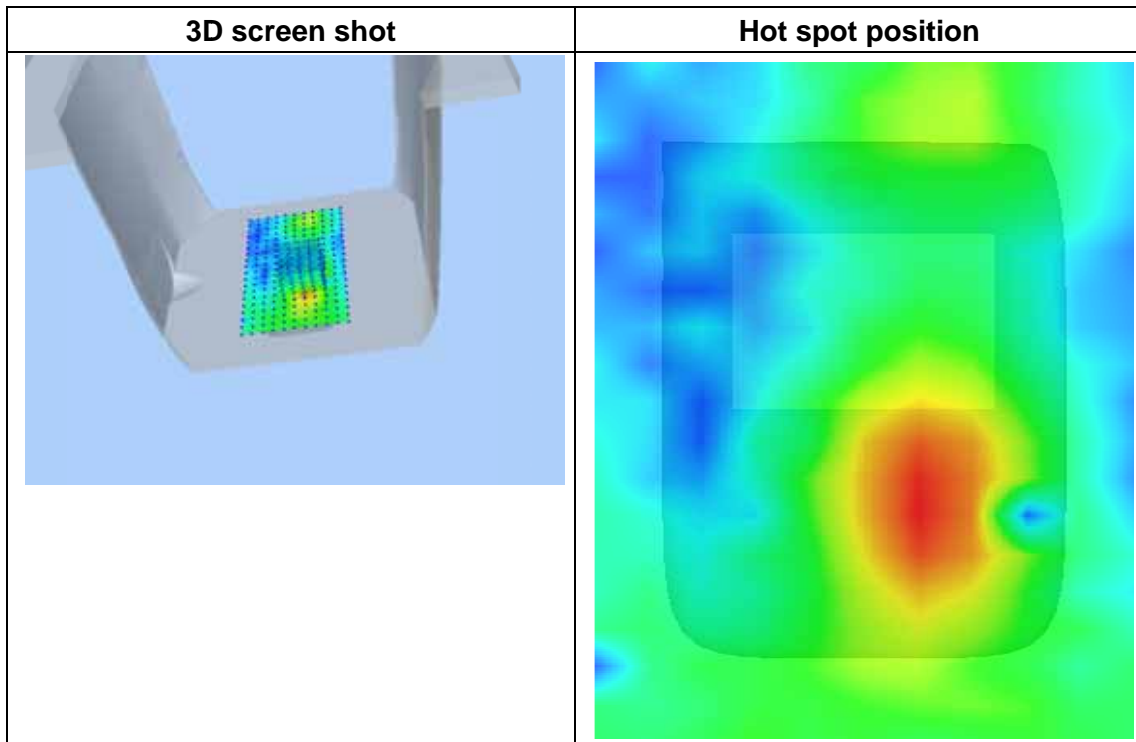
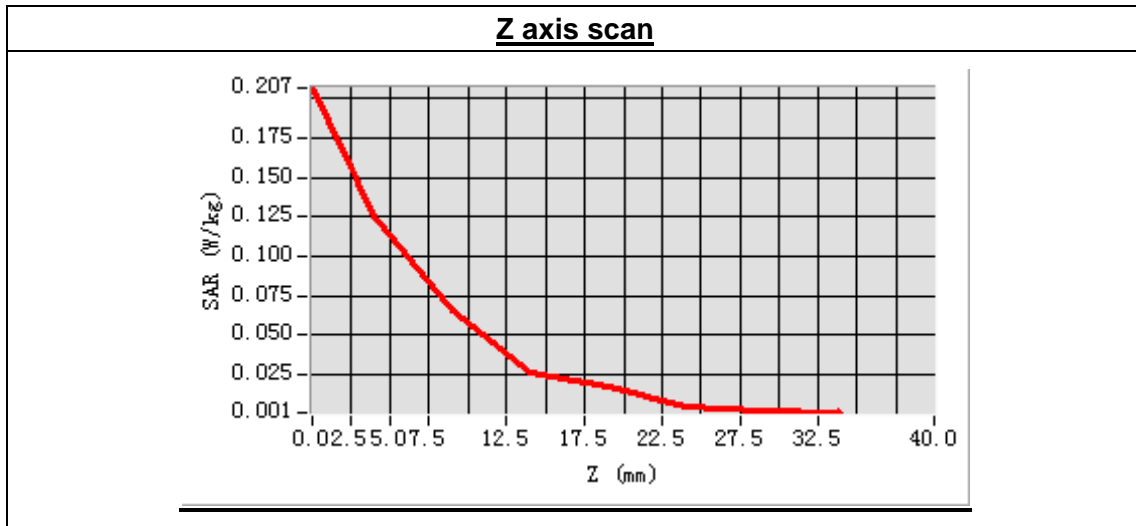
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	2.560000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:2



Maximum location: X=8.00, Y=-23.00  
 SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.059564
SAR 1g (W/Kg)	0.125294



**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: 2014.3.19

Measurement duration: 9 minutes 40 seconds

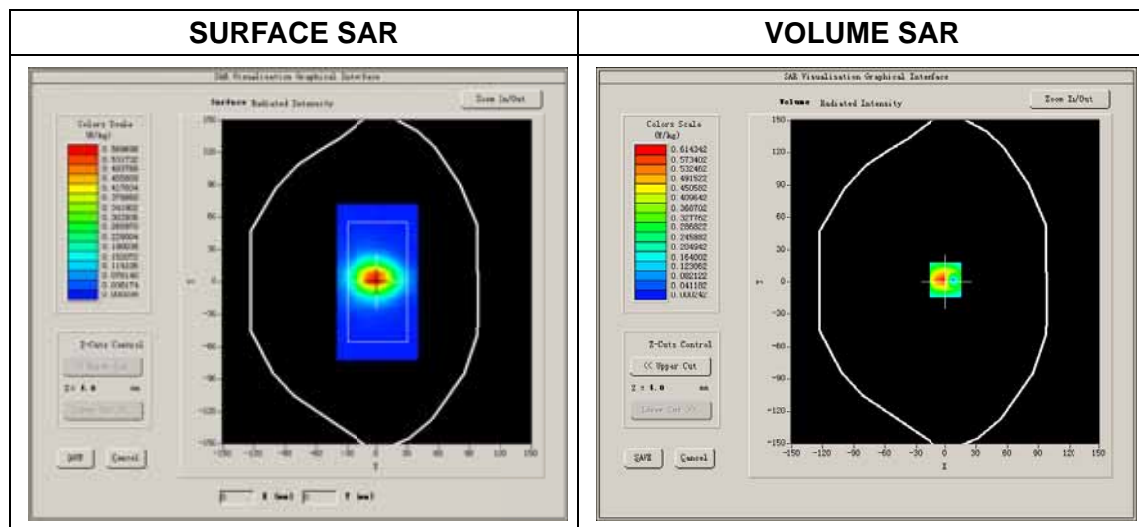
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	High
<b>Signal</b>	GPRS

**B. SAR Measurement Results**

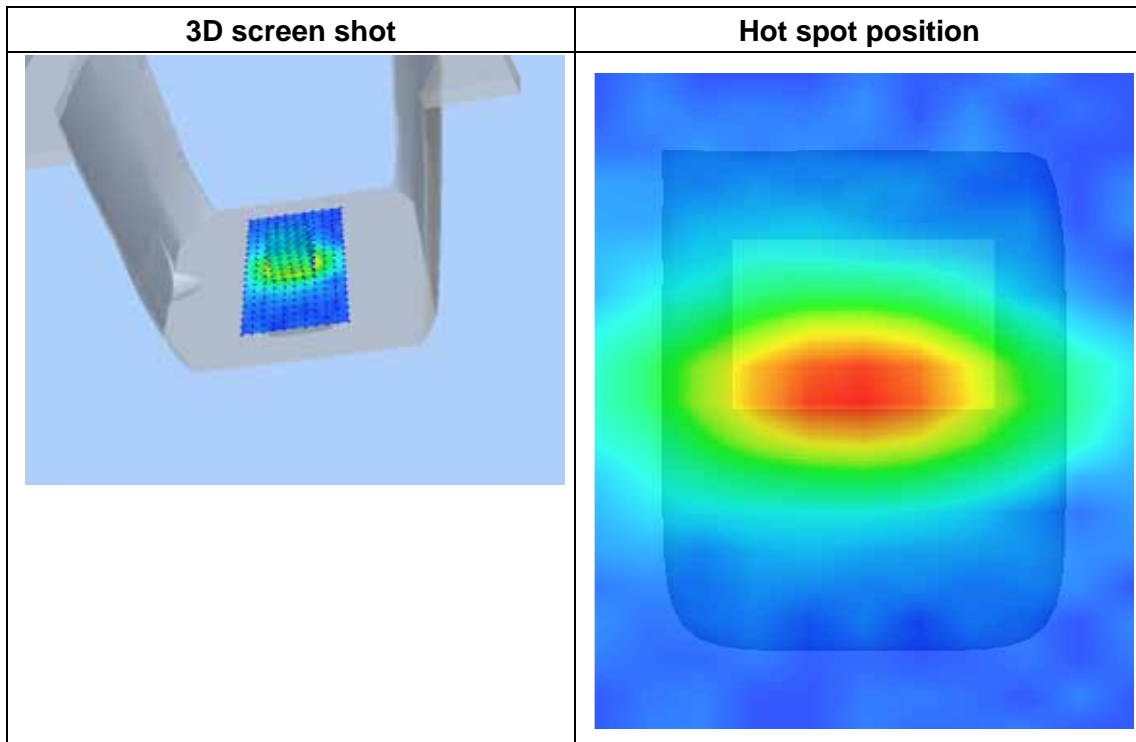
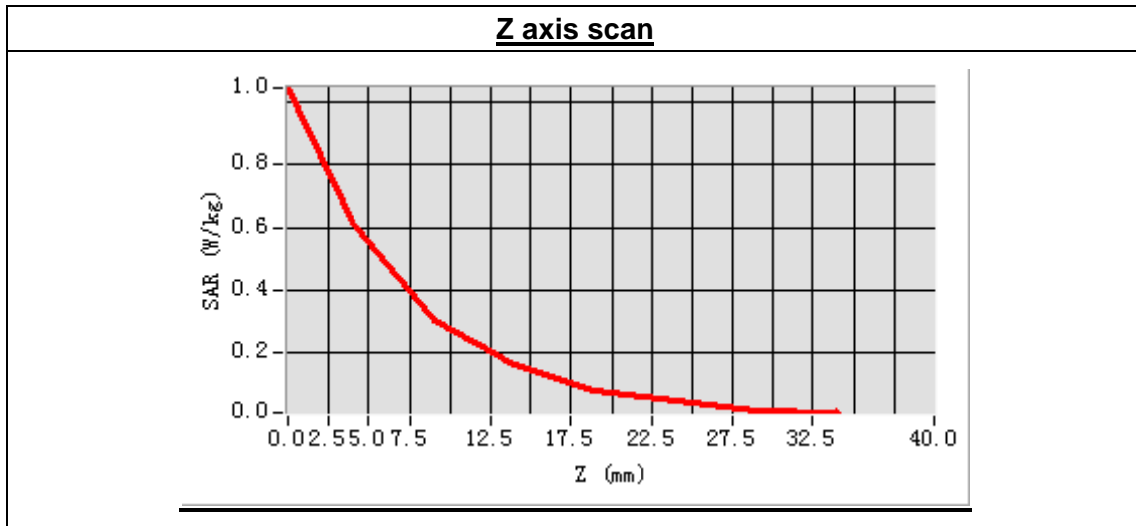
High Band SAR (Channel 810):

<b>Frequency (MHz)</b>	1909.800000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift(%)</b>	-1.420000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:2



Maximum location: X=-1.00, Y=2.00  
 SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.258884
SAR 1g (W/Kg)	0.598972



**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: 2014.3.17

Measurement duration: 8 minutes 59 seconds

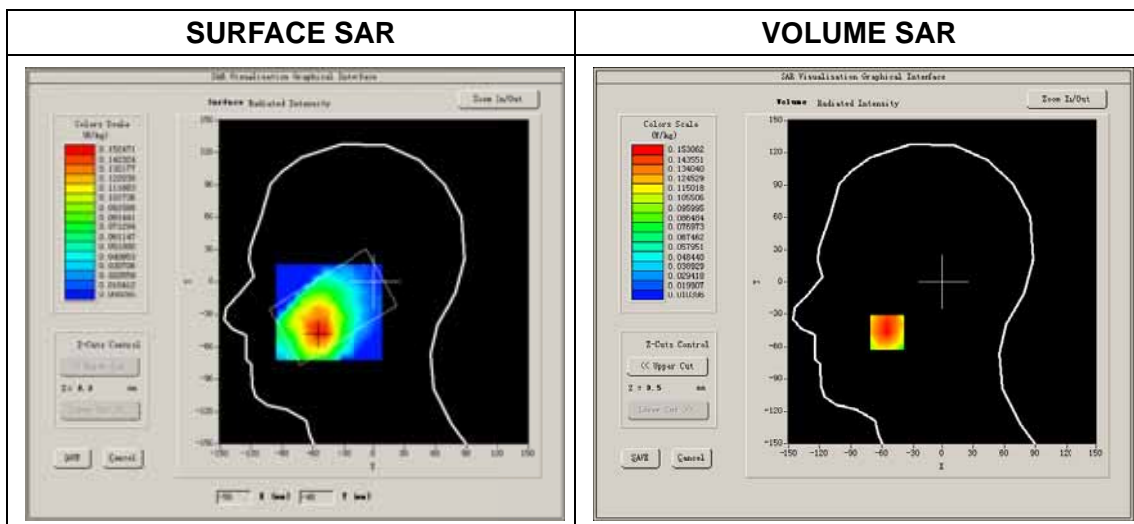
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

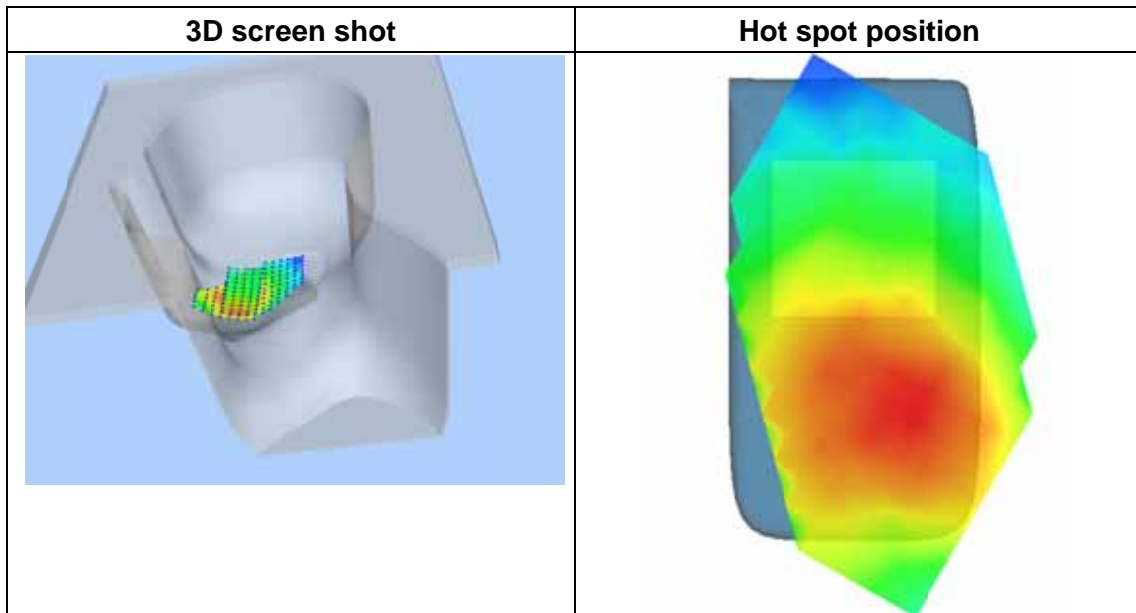
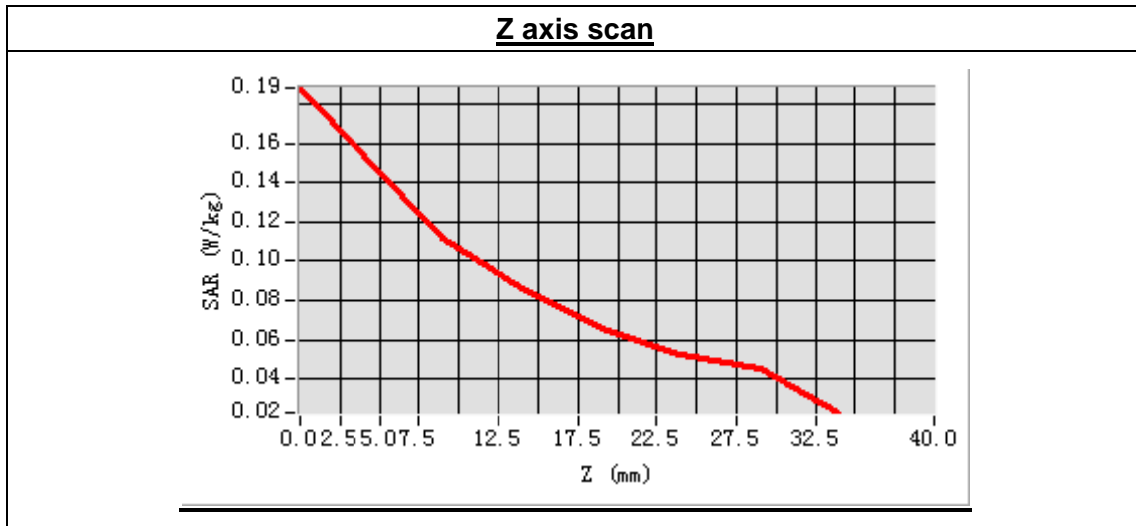
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	-3.840000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:1



Maximum location: X=-55.00, Y=-47.00  
 SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.103998
SAR 1g (W/Kg)	0.144778



**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: 2014.3.17

Measurement duration: 8 minutes 7 seconds

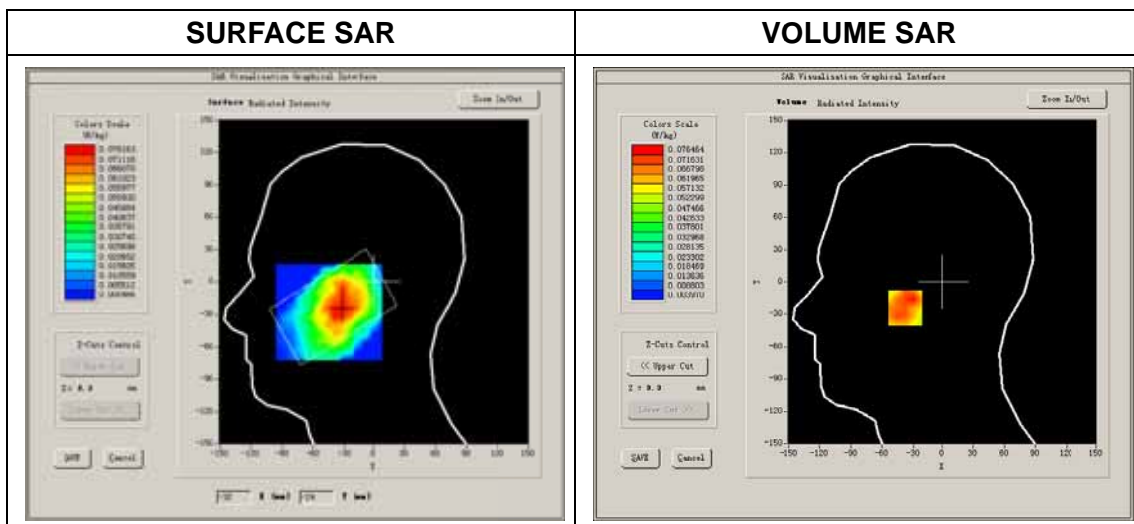
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

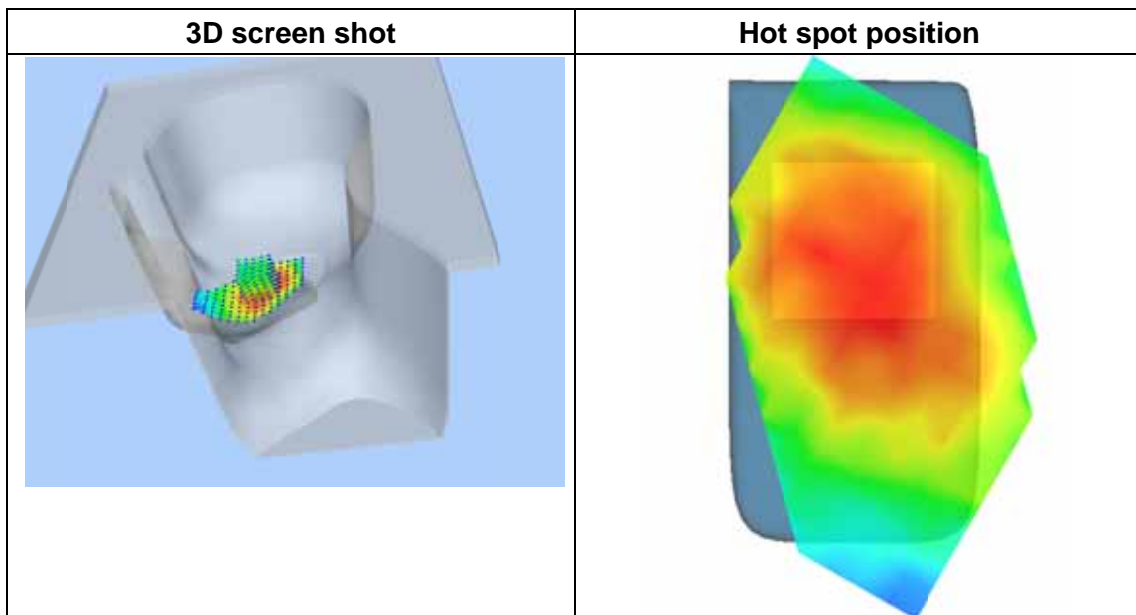
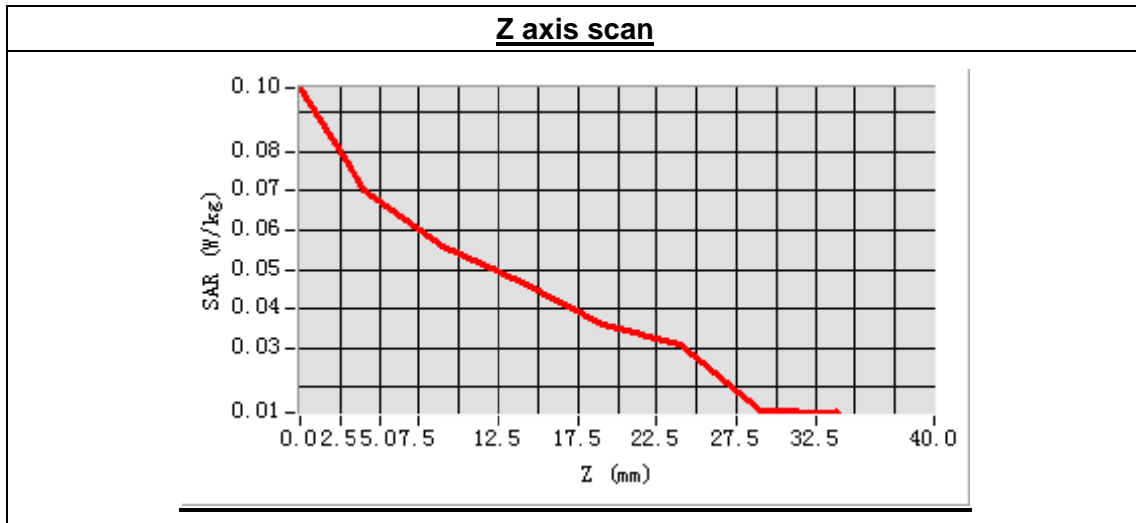
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	-3.120000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:1



Maximum location: X=-33.00, Y=-24.00  
 SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.051596
SAR 1g (W/Kg)	0.070713





**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: 2014.3.17

Measurement duration: 8 minutes 40 seconds

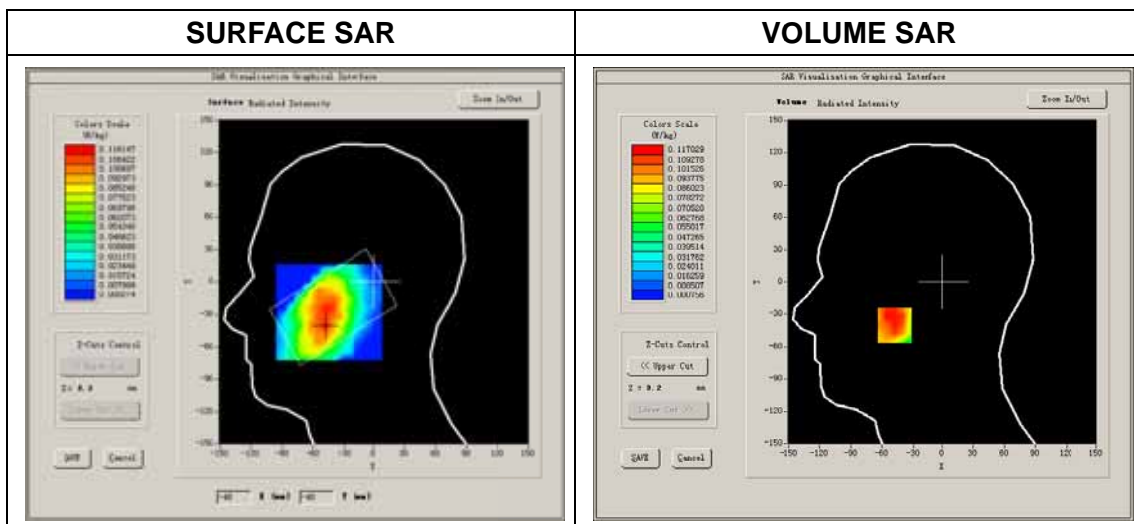
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

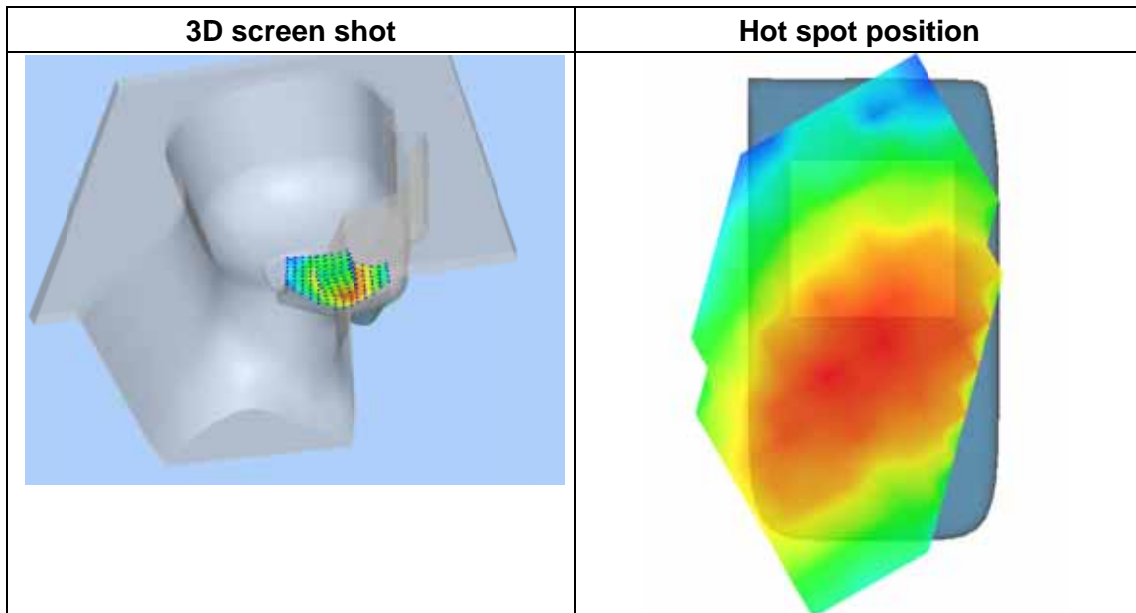
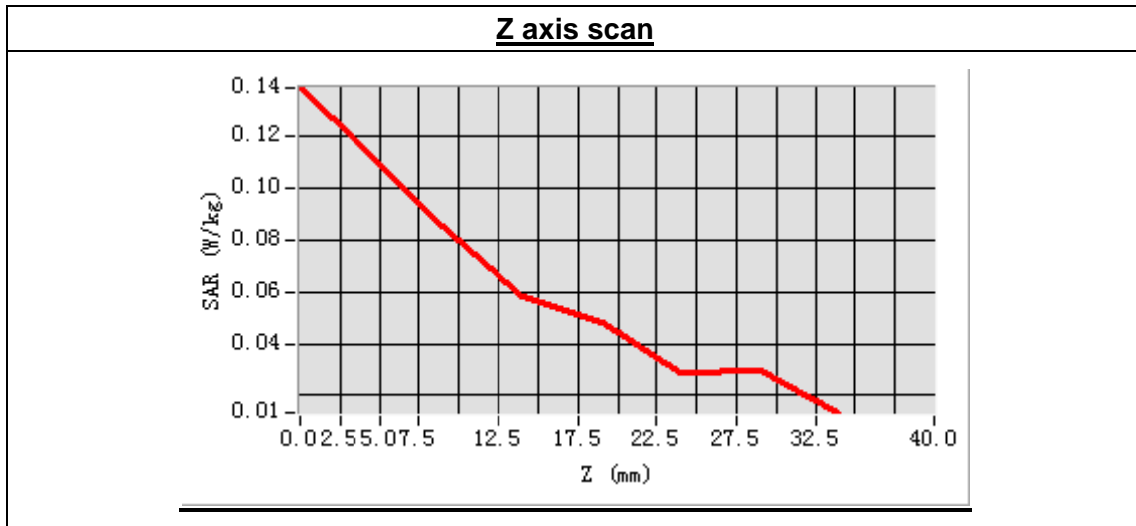
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	0.190000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:1



Maximum location: X=-48.00, Y=-40.00  
 SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.081605
SAR 1g (W/Kg)	0.115922



**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: 2014.3.17

Measurement duration: 8 minutes 4 seconds

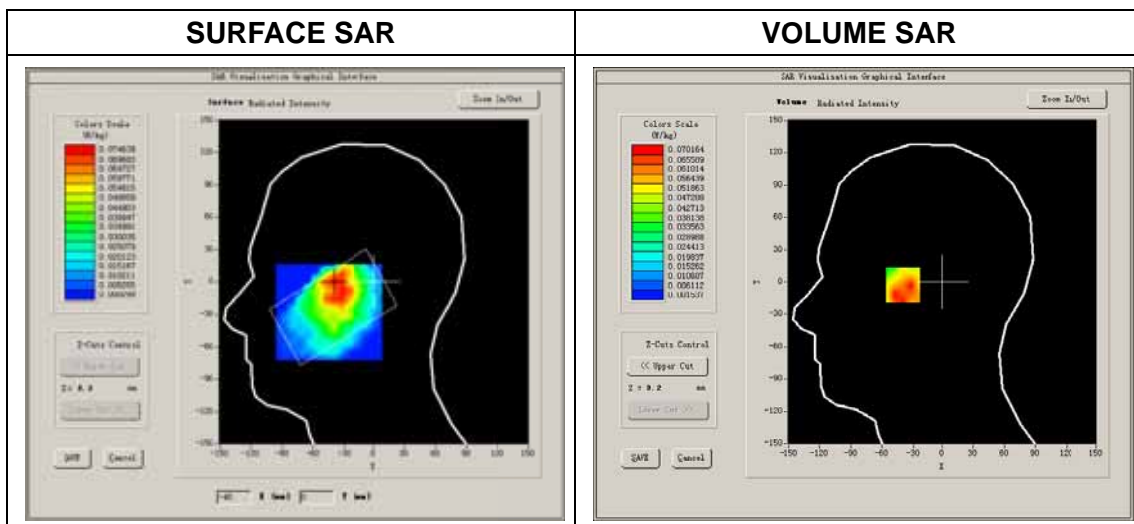
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

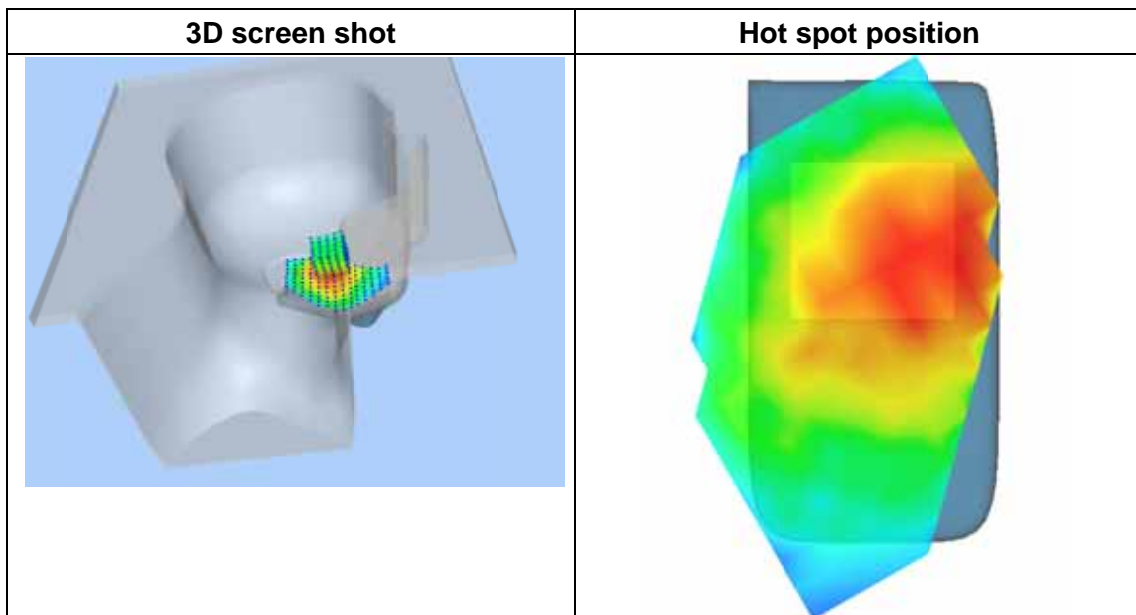
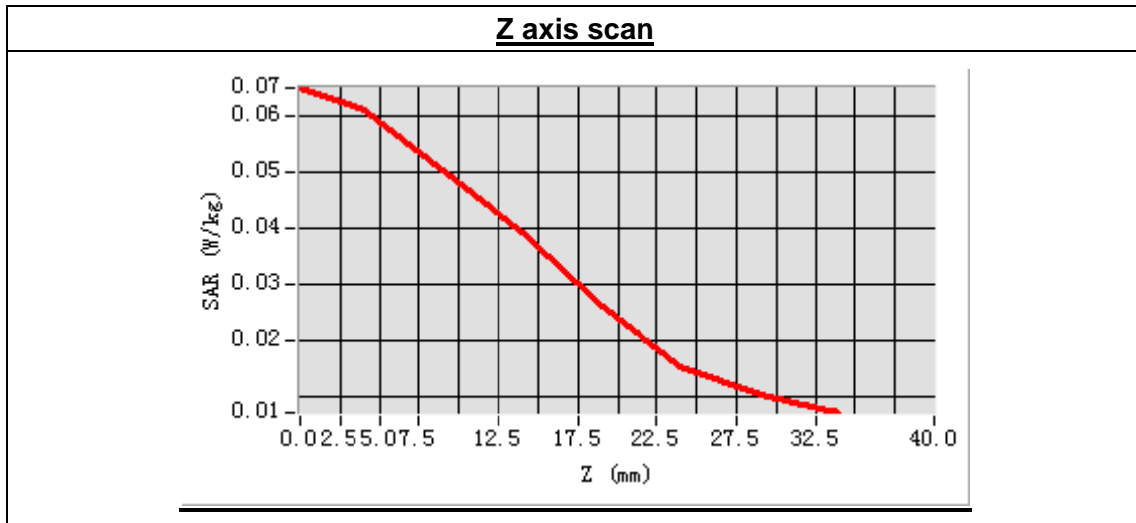
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	41.162734
<b>Conductivity (S/m)</b>	0.884391
<b>Power drift (%)</b>	-1.860000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:1



Maximum location: X=-40.00, Y=0.00  
 SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.045374
SAR 1g (W/Kg)	0.064526



**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: 2014.3.17  
 Measurement duration: 9 minutes 32 seconds

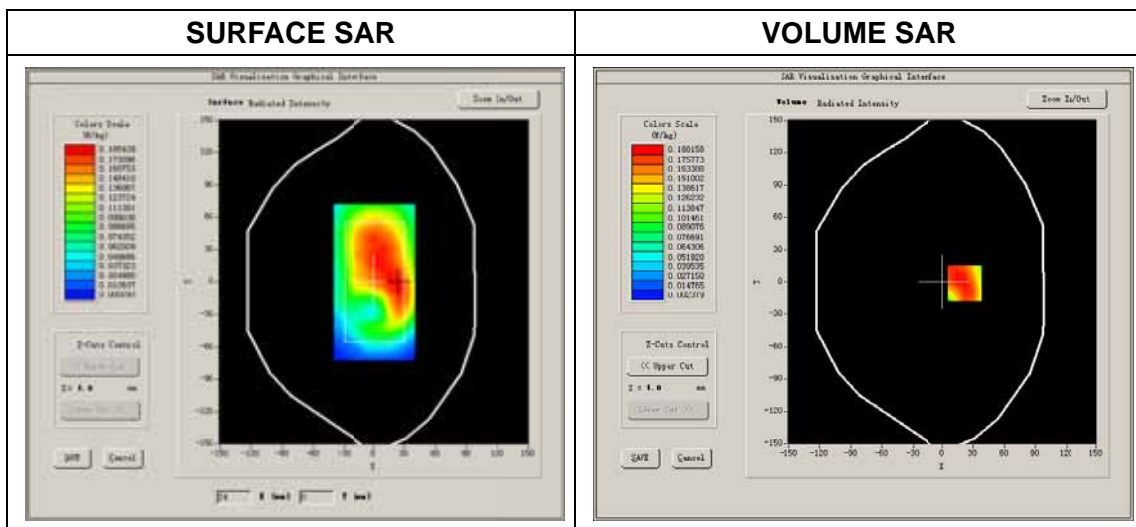
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

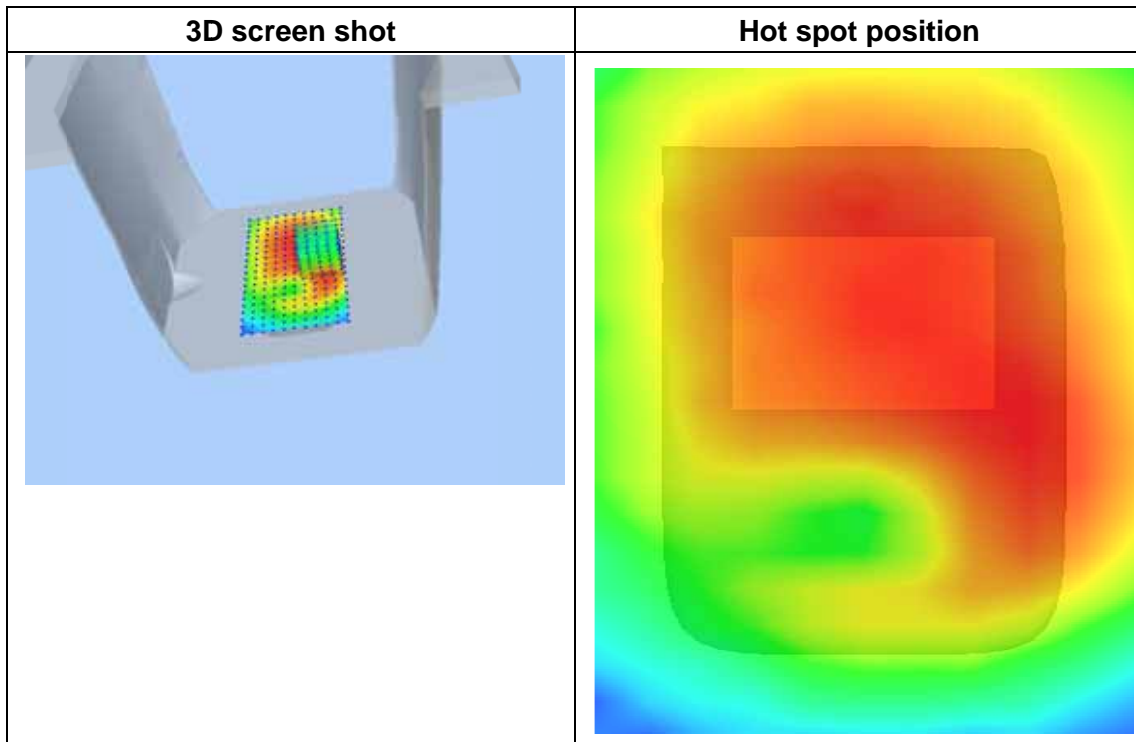
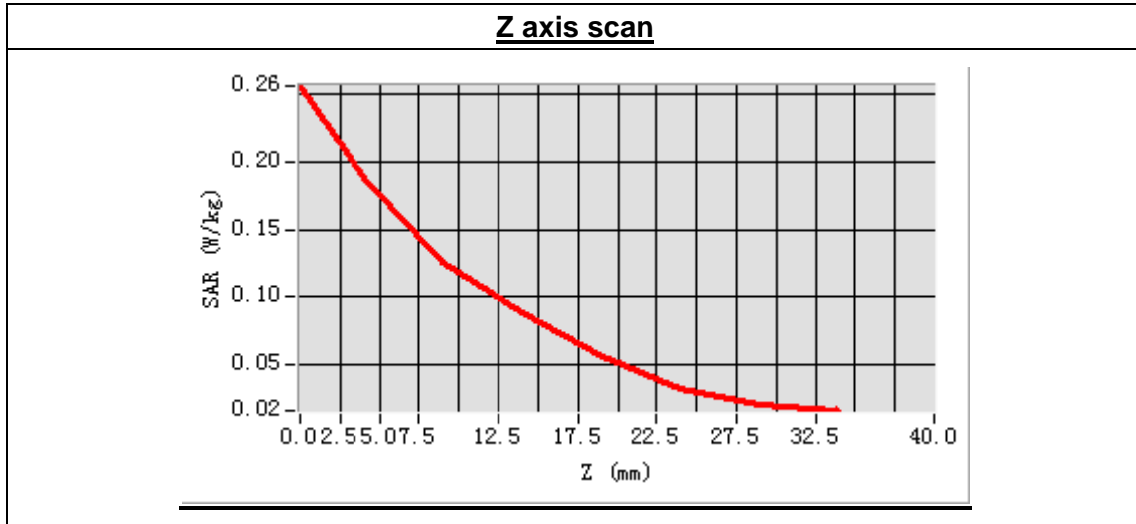
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift (%)</b>	0.850000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:1



Maximum location: X=22.00, Y=-1.00  
 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.133159
SAR 1g (W/Kg)	0.200385



**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: 2014.3.17

Measurement duration: 9 minutes 31 seconds

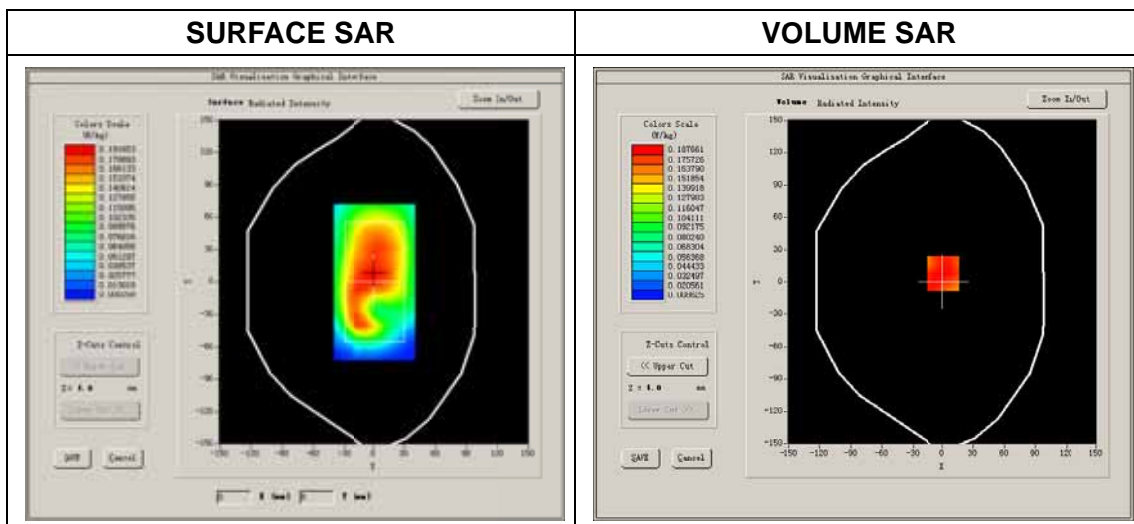
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

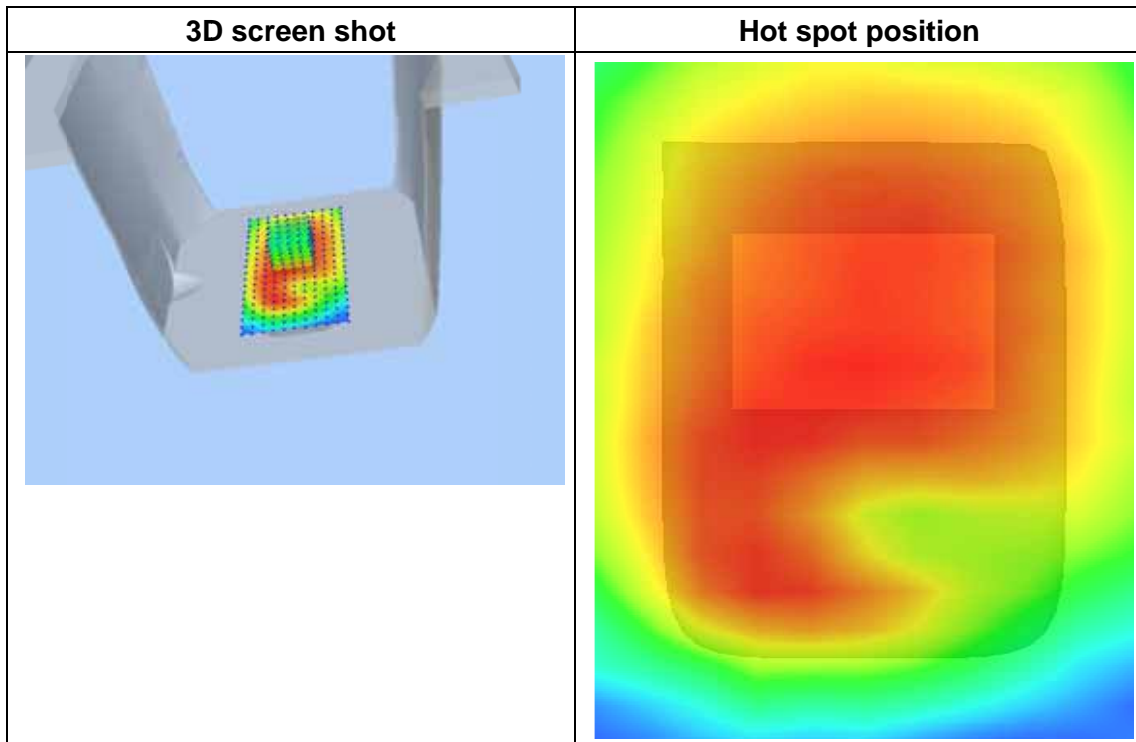
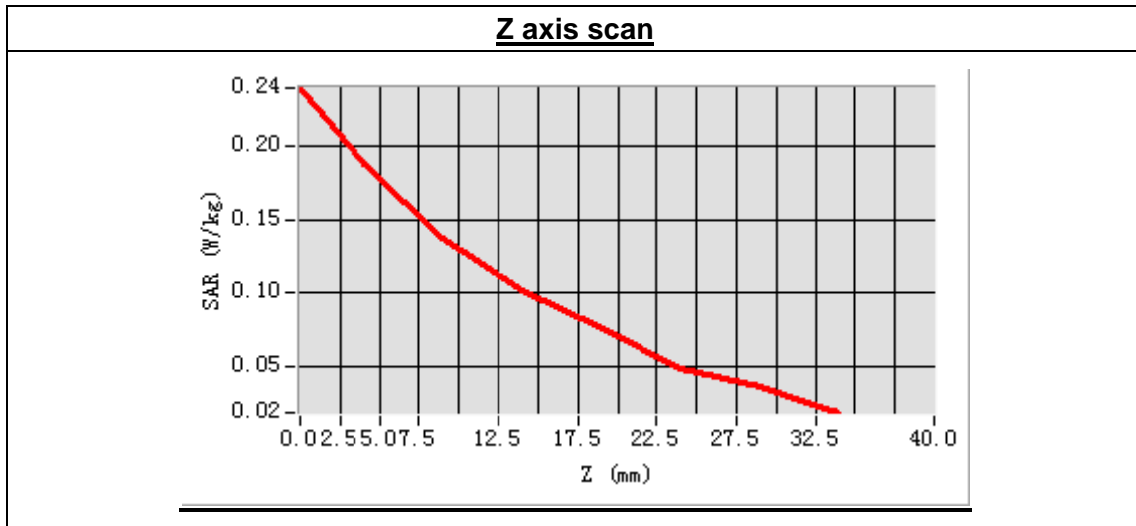
<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift (%)</b>	3.860000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:1



Maximum location: X=0.00, Y=8.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.144212
SAR 1g (W/Kg)	0.201630





**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: 2014.3.17  
 Measurement duration: 9 minutes 30 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>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

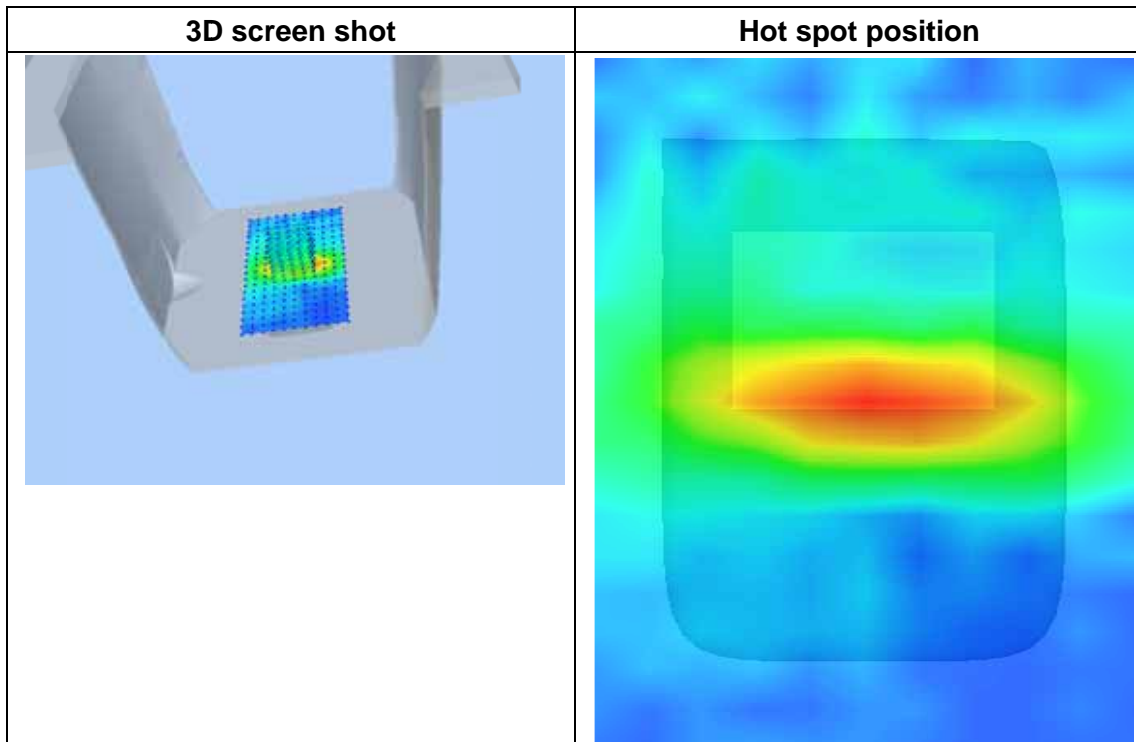
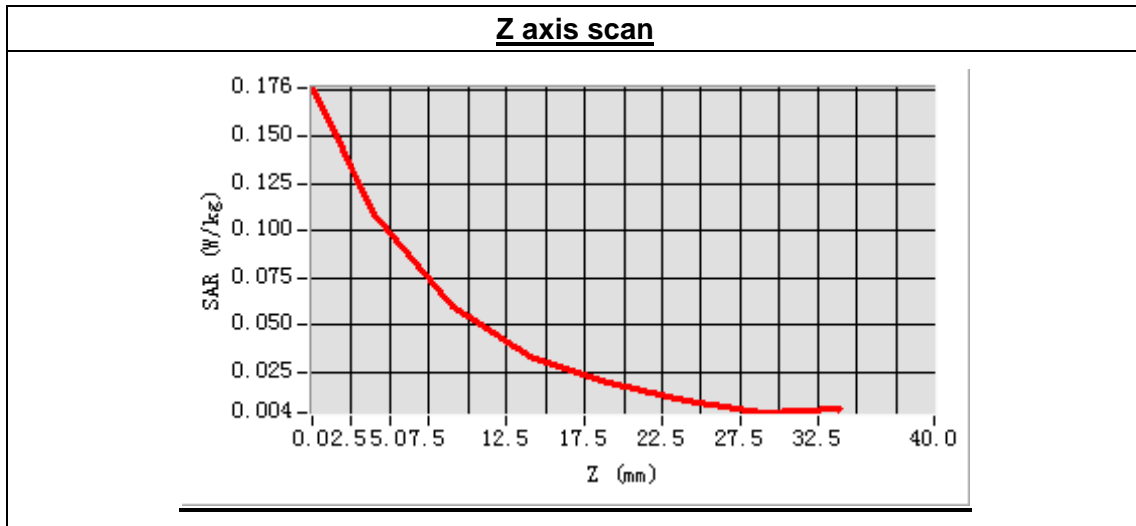
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift (%)</b>	-3.790000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:1



Maximum location: X=0.00, Y=0.00  
 SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.053996
SAR 1g (W/Kg)	0.110802



**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: 2014.3.17

Measurement duration: 9 minutes 32 seconds

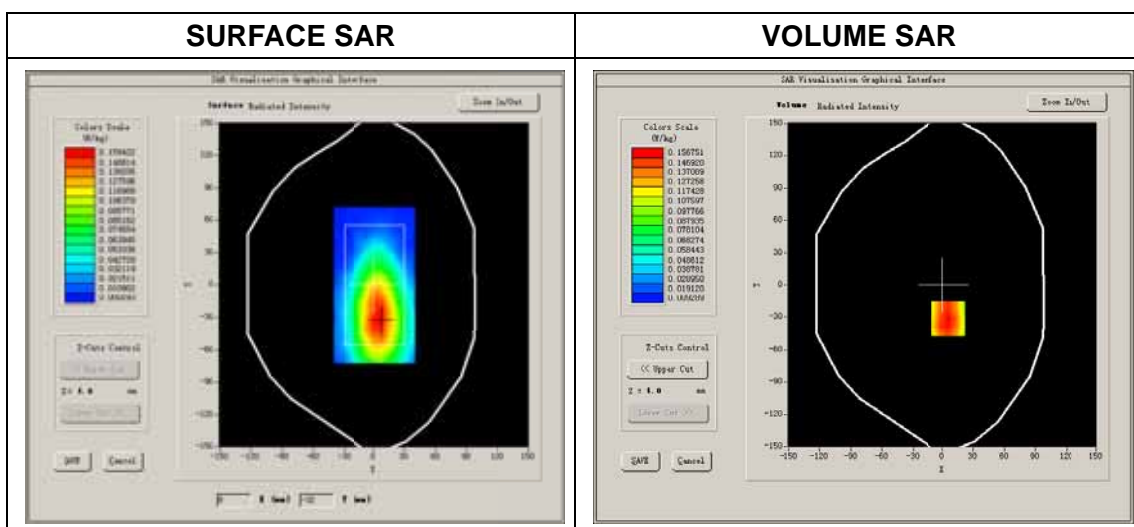
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

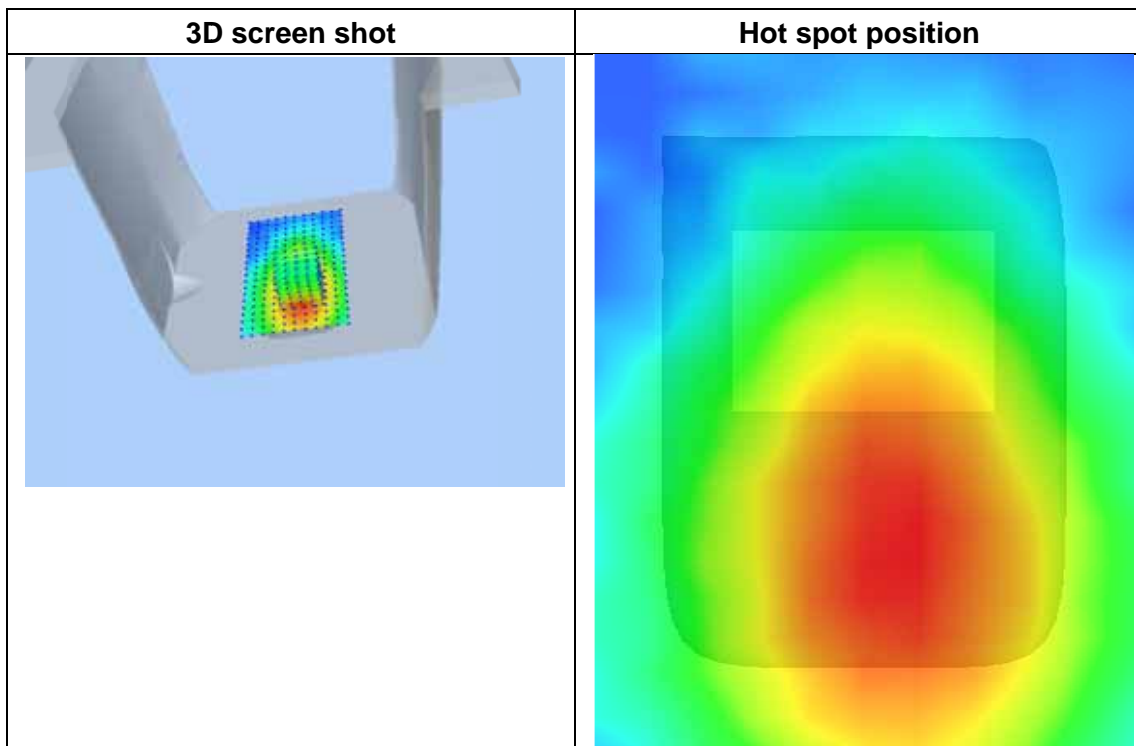
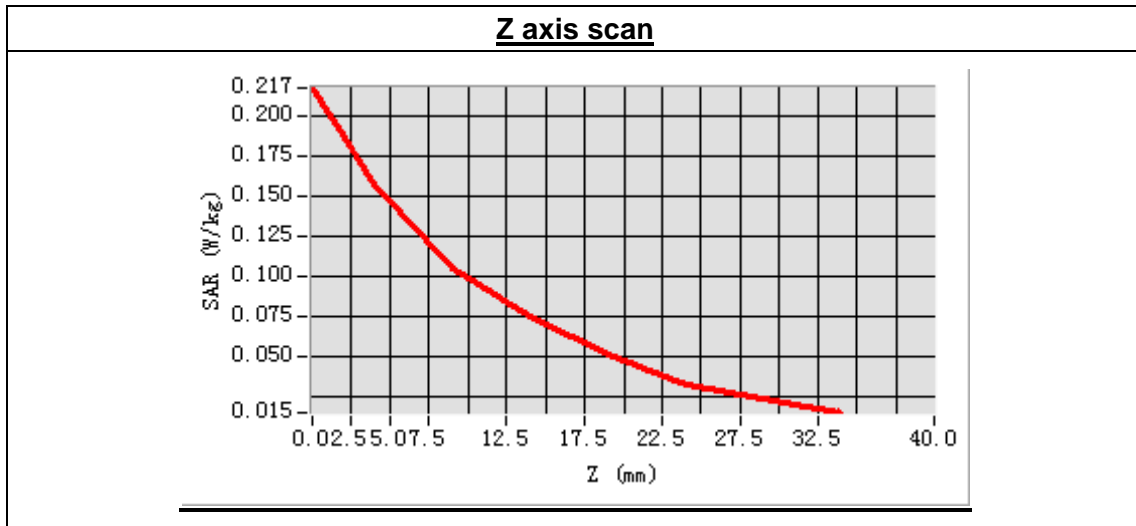
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	55.3637162
<b>Conductivity (S/m)</b>	0.963715
<b>Power drift (%)</b>	1.320000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:1



Maximum location: X=6.00, Y=-31.00  
 SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.105379
SAR 1g (W/Kg)	0.163251



**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: 2014.3.19

Measurement duration: 8 minutes 58 seconds

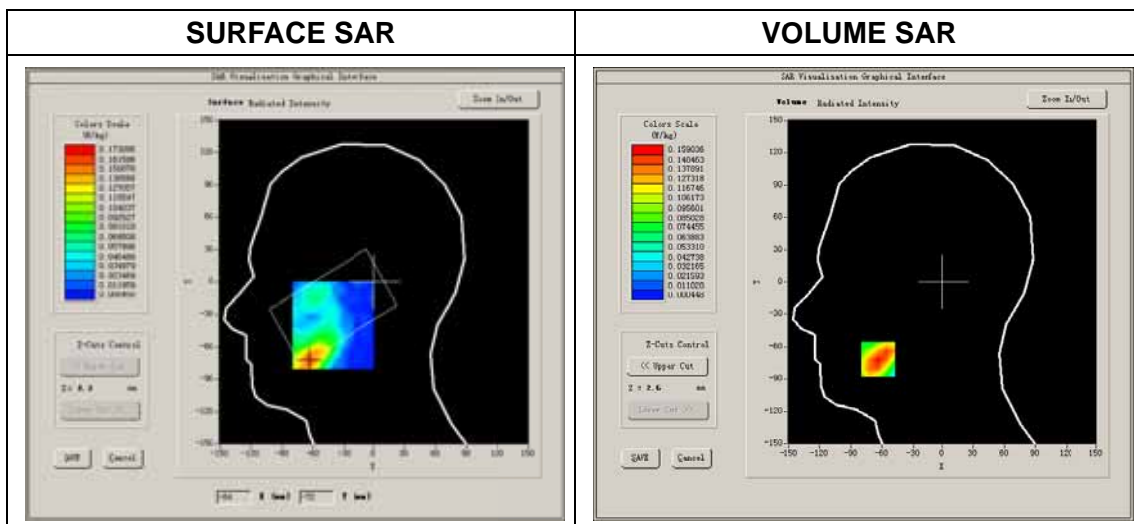
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

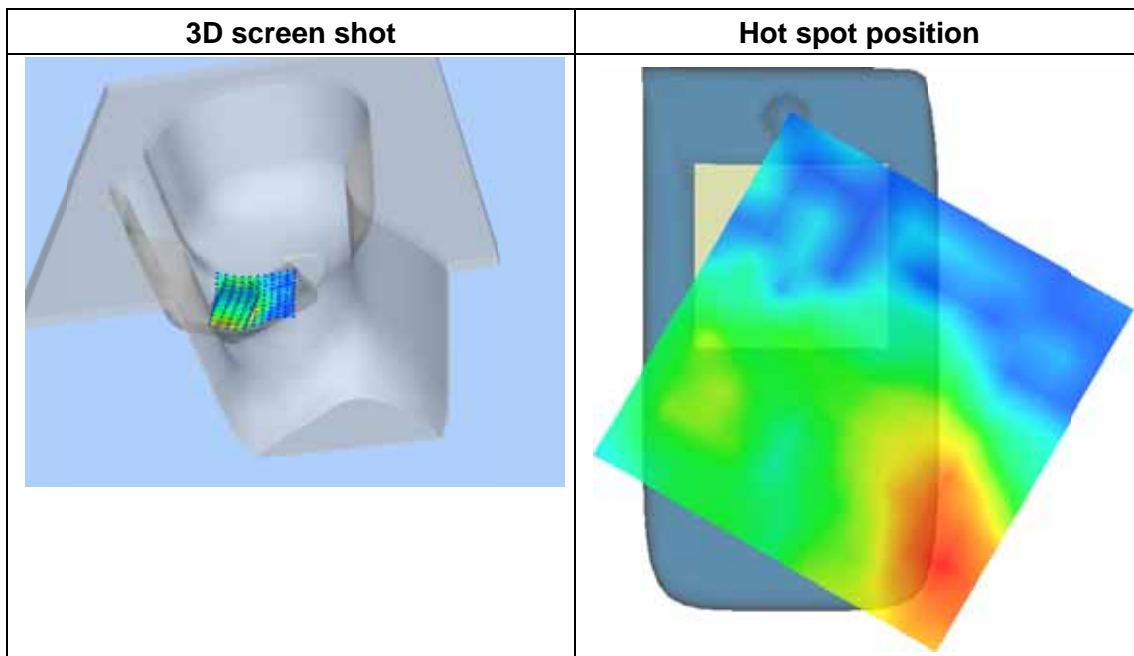
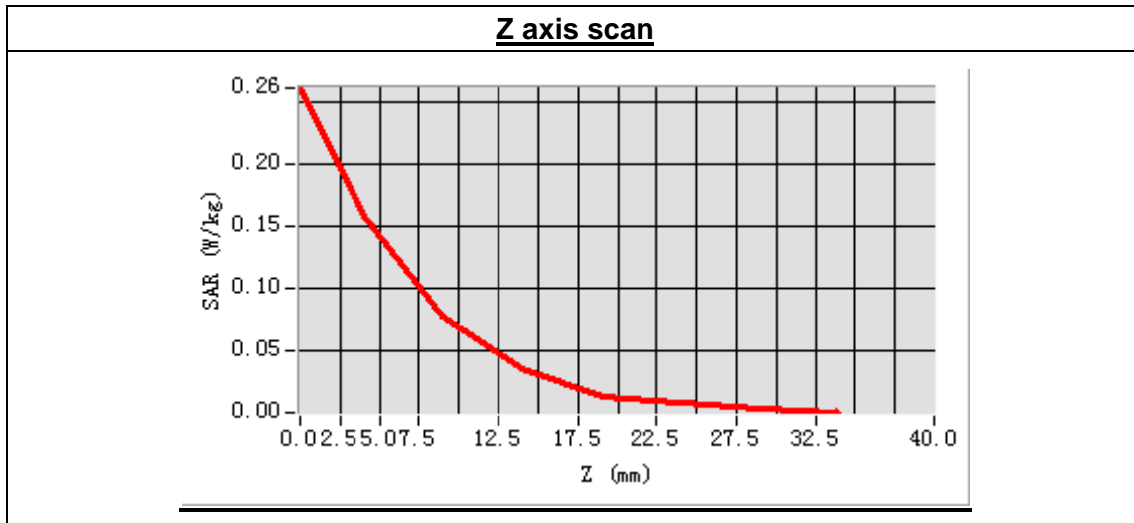
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift (%)</b>	3.490000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1



Maximum location: X=-64.00, Y=-72.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.074386
SAR 1g (W/Kg)	0.152719



**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: 2014.3.19

Measurement duration: 9 minutes 28 seconds

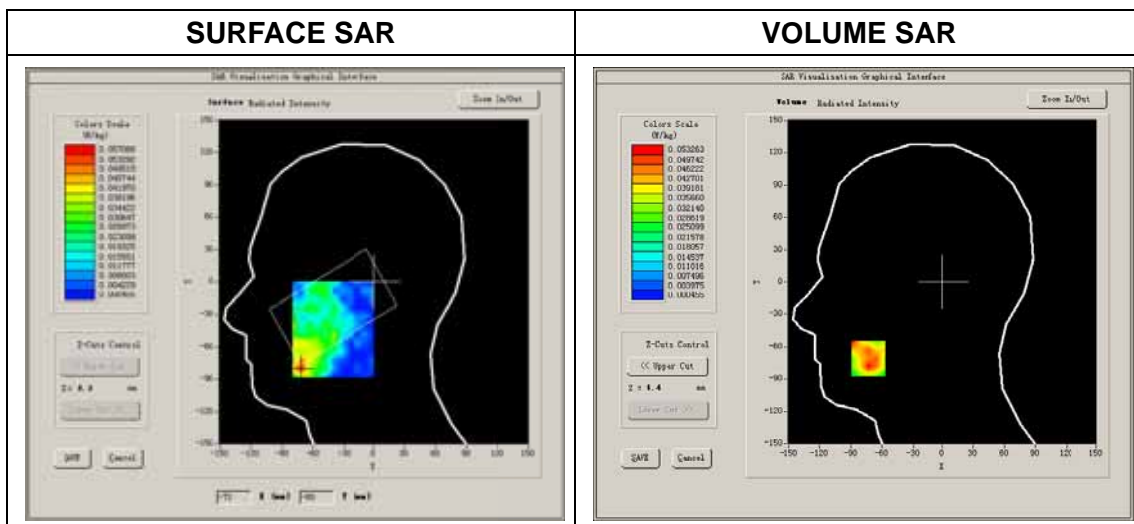
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

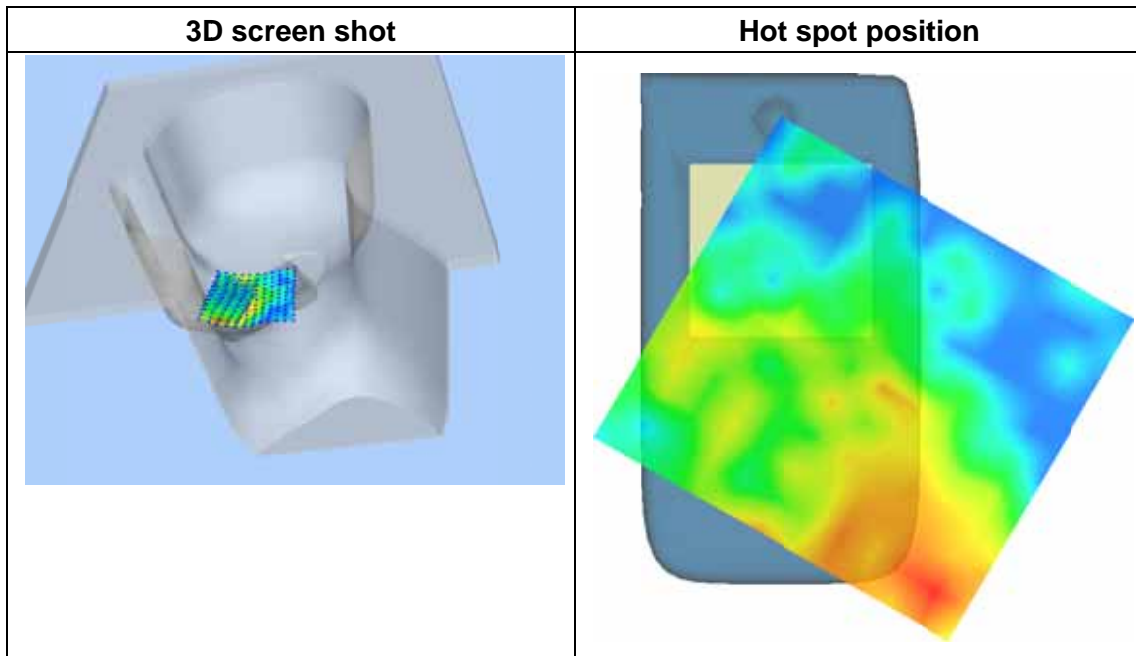
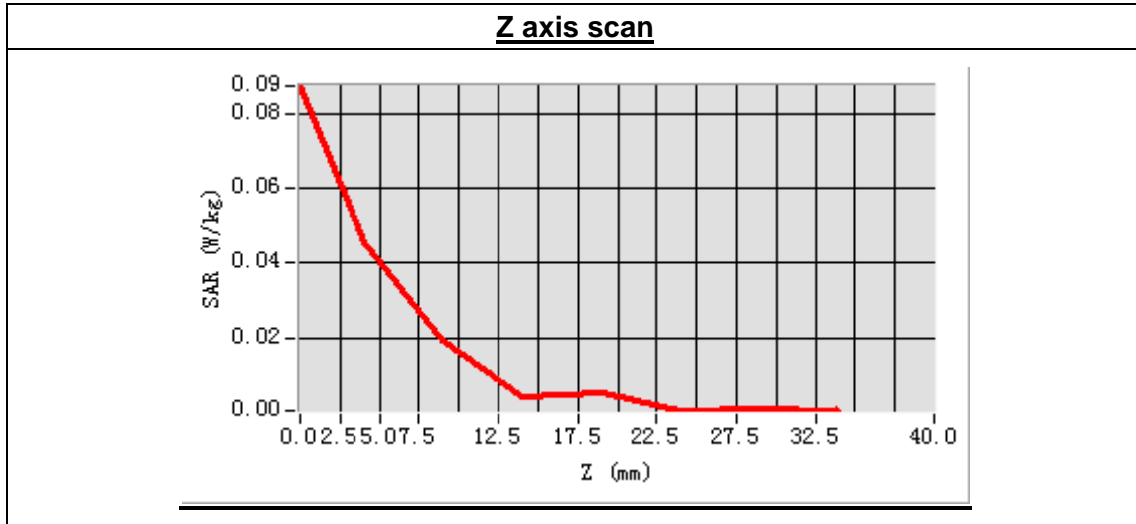
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift (%)</b>	2.860000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1



Maximum location: X=-73.00, Y=-71.00  
 SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.022238
SAR 1g (W/Kg)	0.049979





**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: 2014.3.19

Measurement duration: 8 minutes 46 seconds

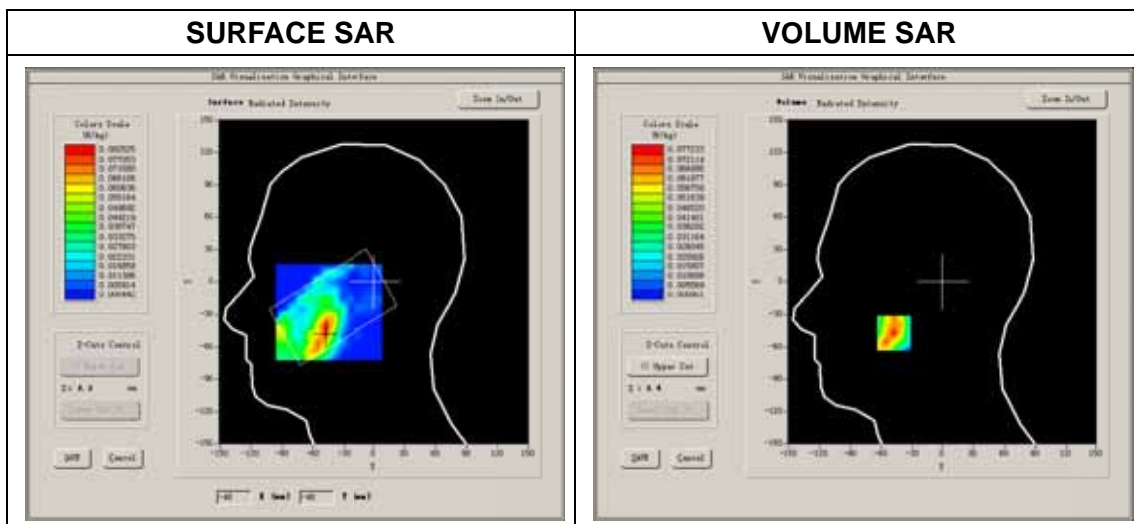
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

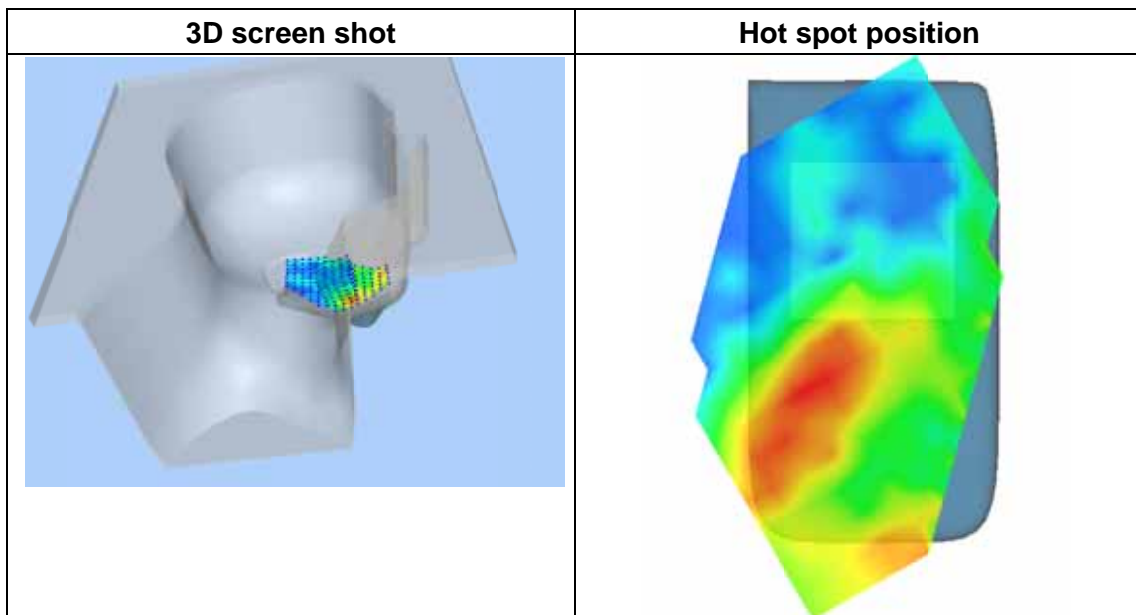
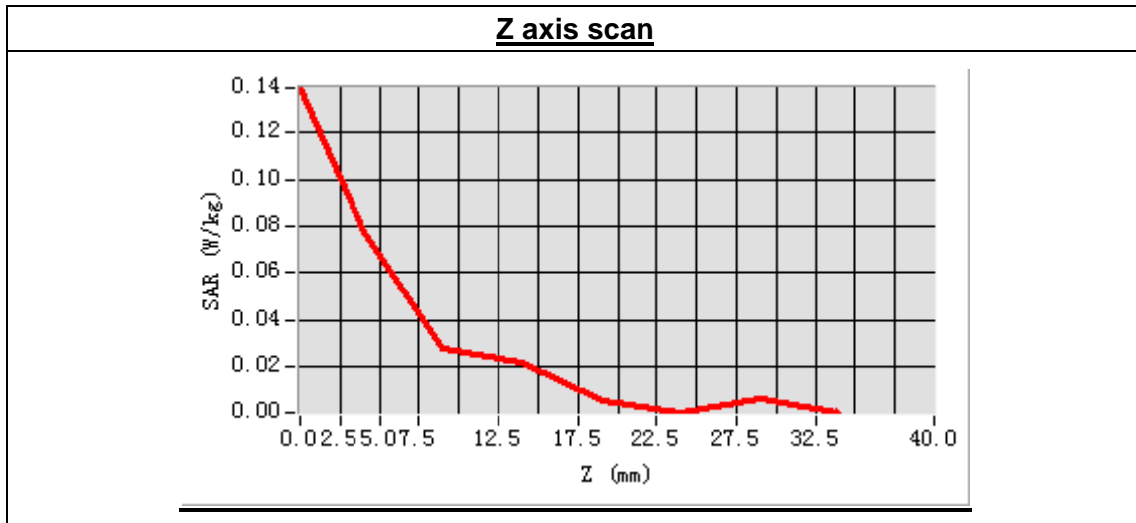
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift (%)</b>	-3.680000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1



Maximum location: X=-48.00, Y=-47.00  
 SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.031899
SAR 1g (W/Kg)	0.071644



**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: 2014.3.19

Measurement duration: 8 minutes 30 seconds

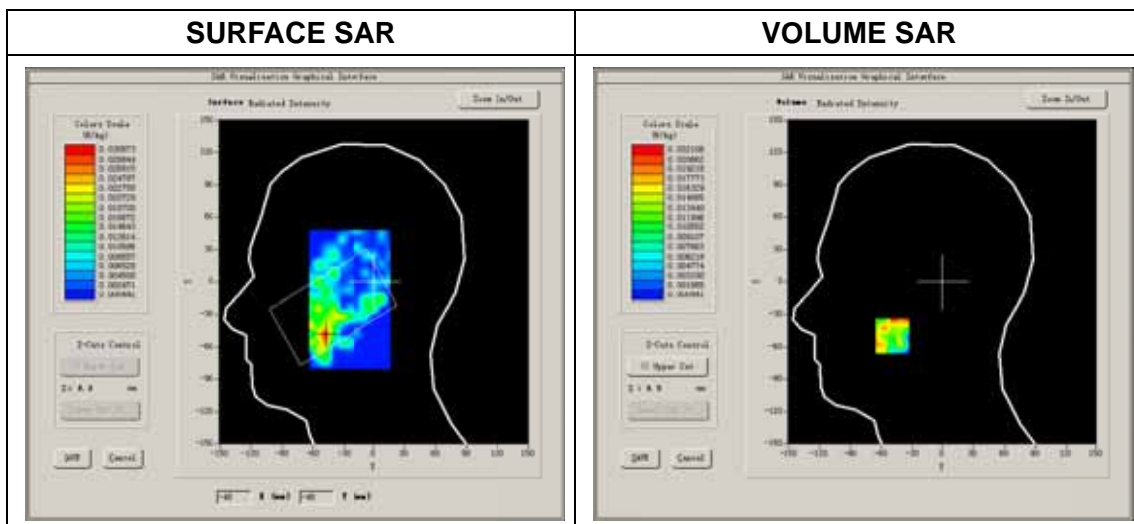
**A. Experimental conditions.**

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

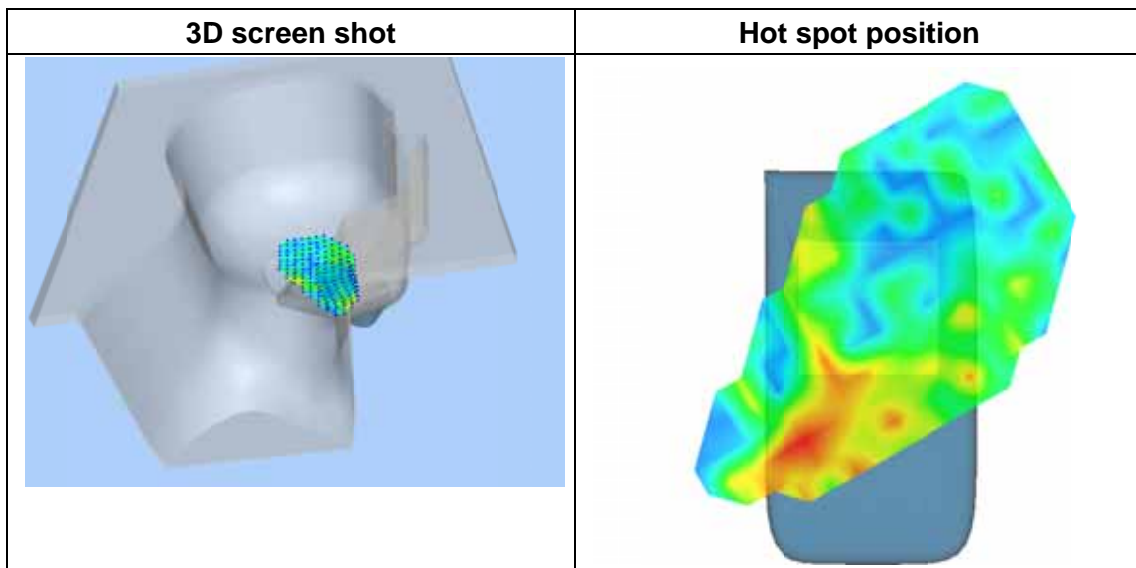
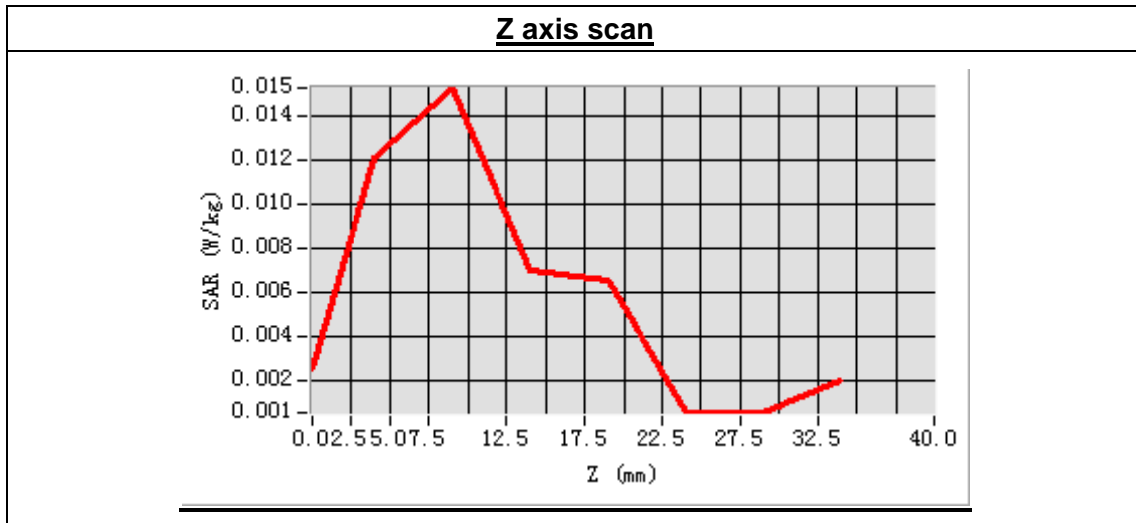
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.034291
<b>Conductivity (S/m)</b>	1.415742
<b>Power drift (%)</b>	-3.380000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1



Maximum location: X=-49.00, Y=-50.00  
 SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.006128
SAR 1g (W/Kg)	0.018013



**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: 2014.3.19

Measurement duration: 9 minutes 34 seconds

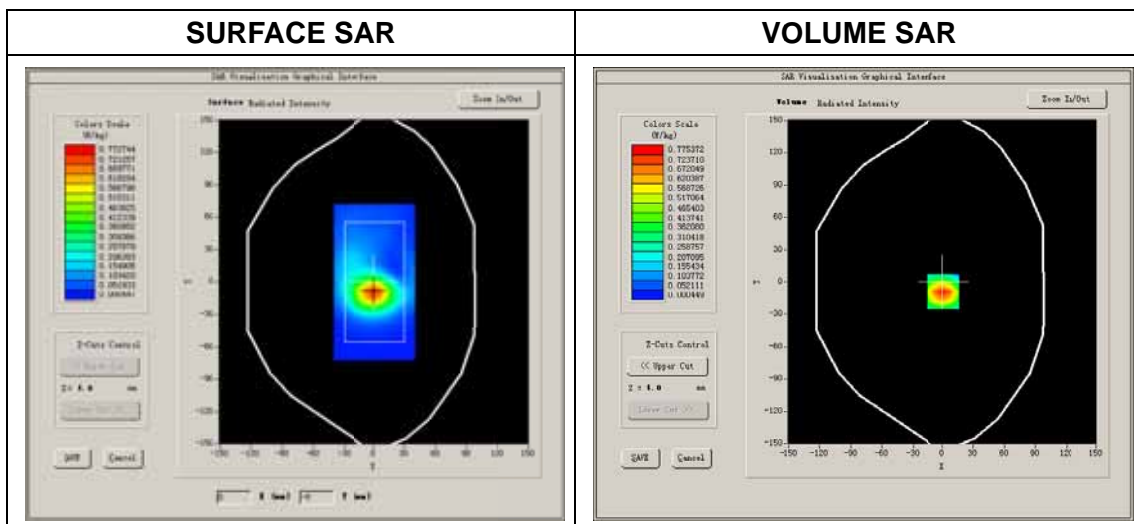
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

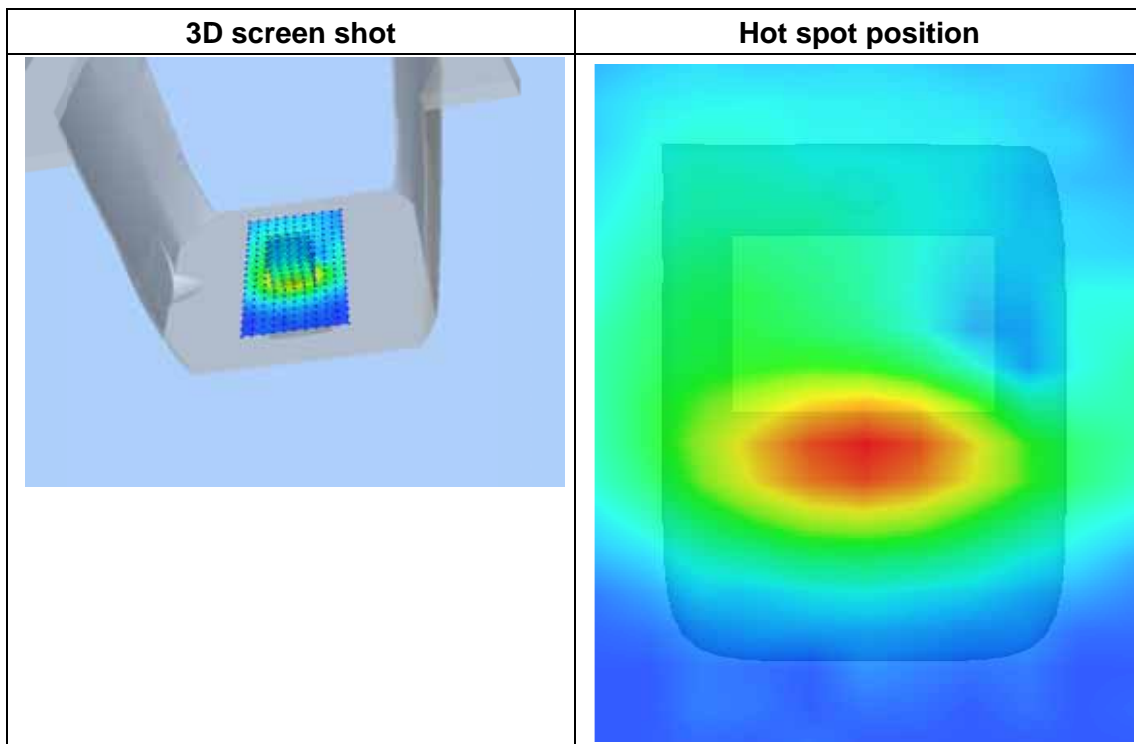
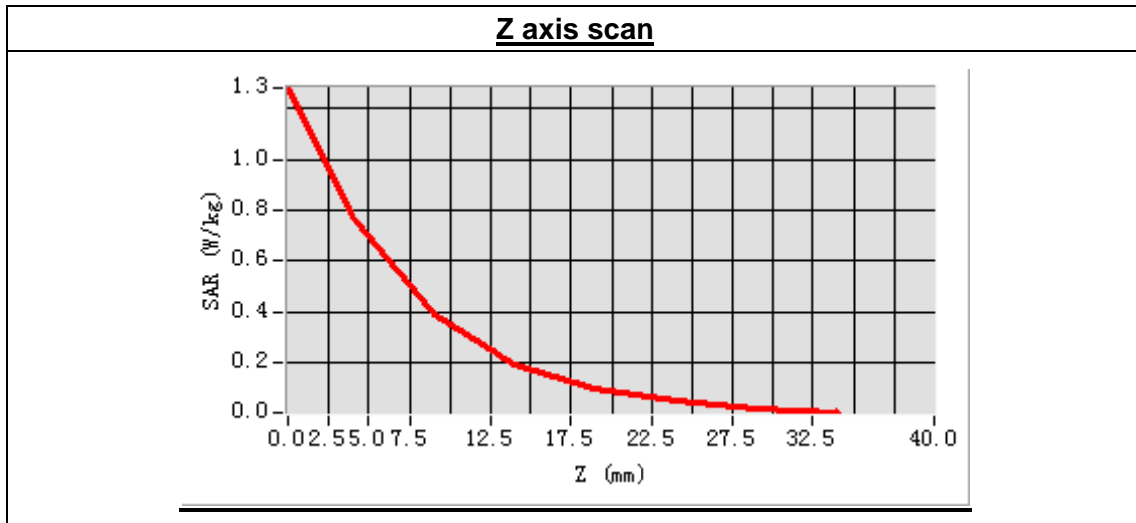
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	-2.680000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=0.00, Y=-9.00  
 SAR Peak: 1.39 W/kg

SAR 10g (W/Kg)	0.379189
SAR 1g (W/Kg)	0.789460



**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: 2014.3.19

Measurement duration: 9 minutes 30 seconds

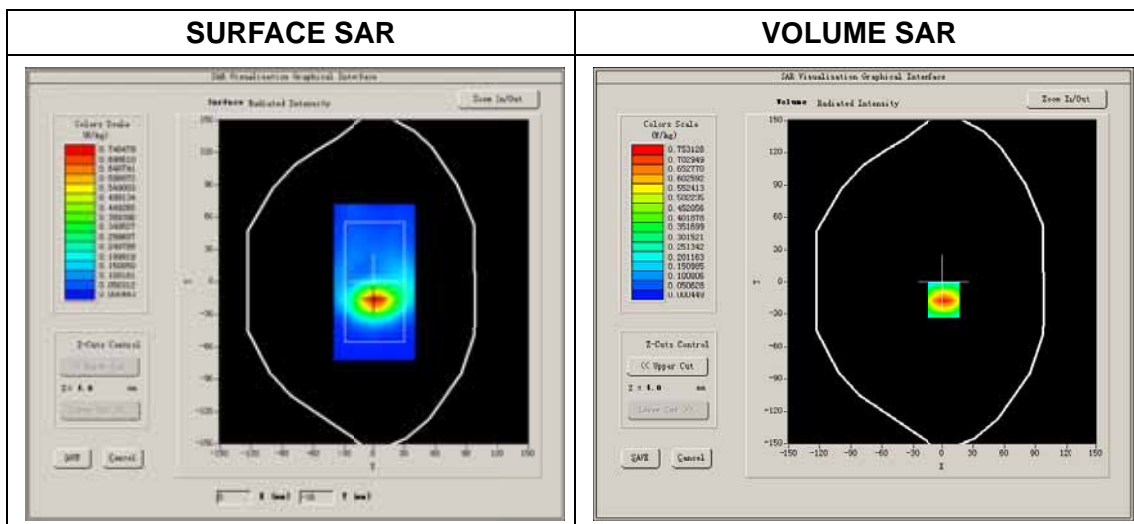
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

Middle er Band SAR (Channel 9538):

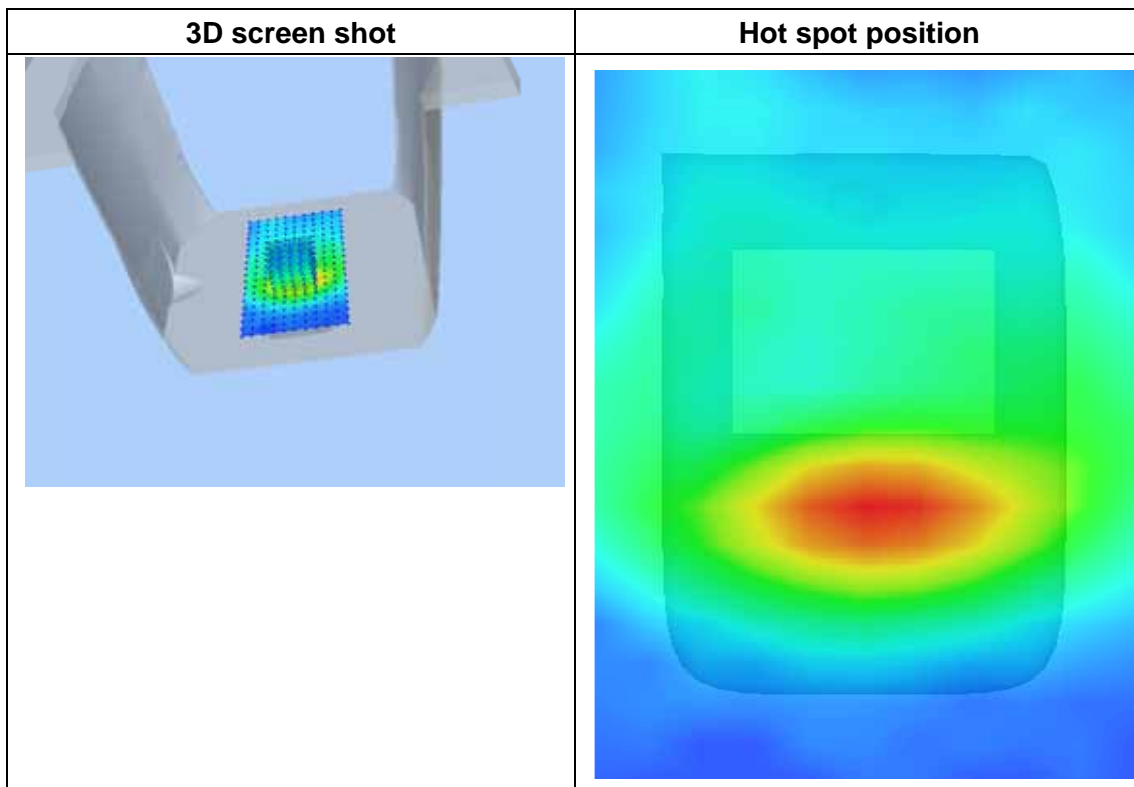
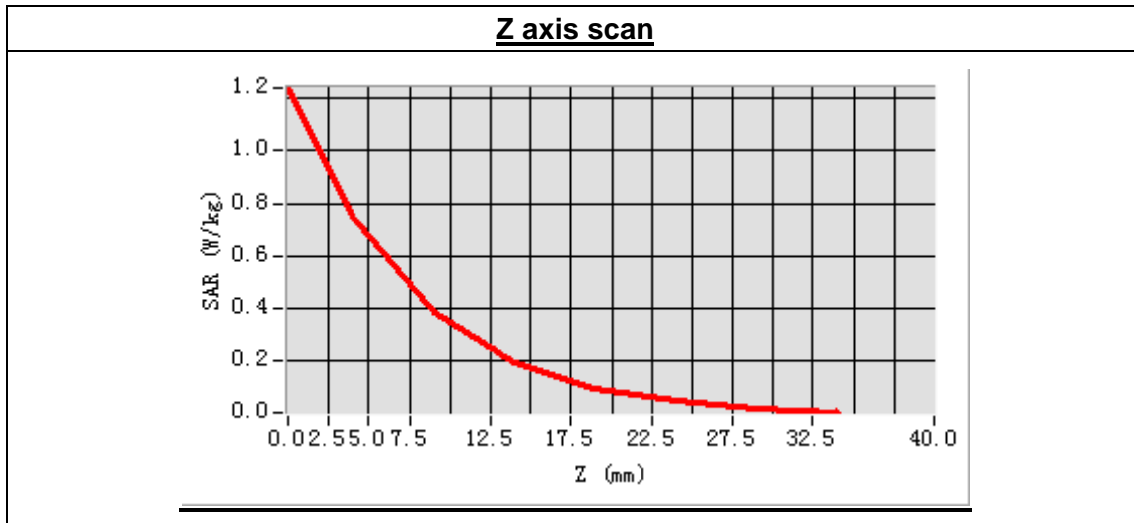
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	2.290000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=1.00, Y=-17.00

SAR Peak: 1.33 W/kg

SAR 10g (W/Kg)	0.369745
SAR 1g (W/Kg)	0.764107





**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: 2014.3.19

Measurement duration: 9 minutes 31 seconds

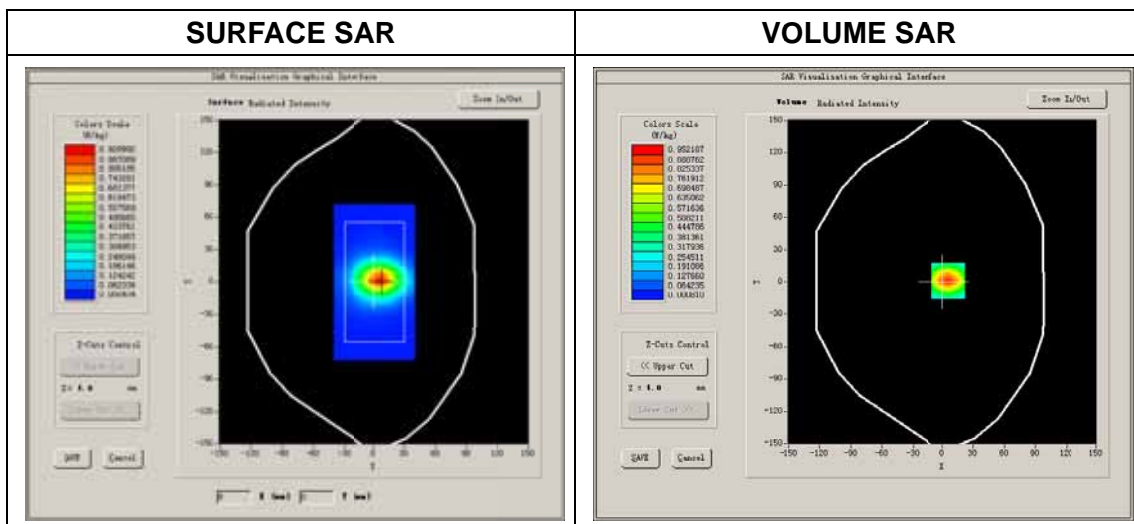
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Low
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

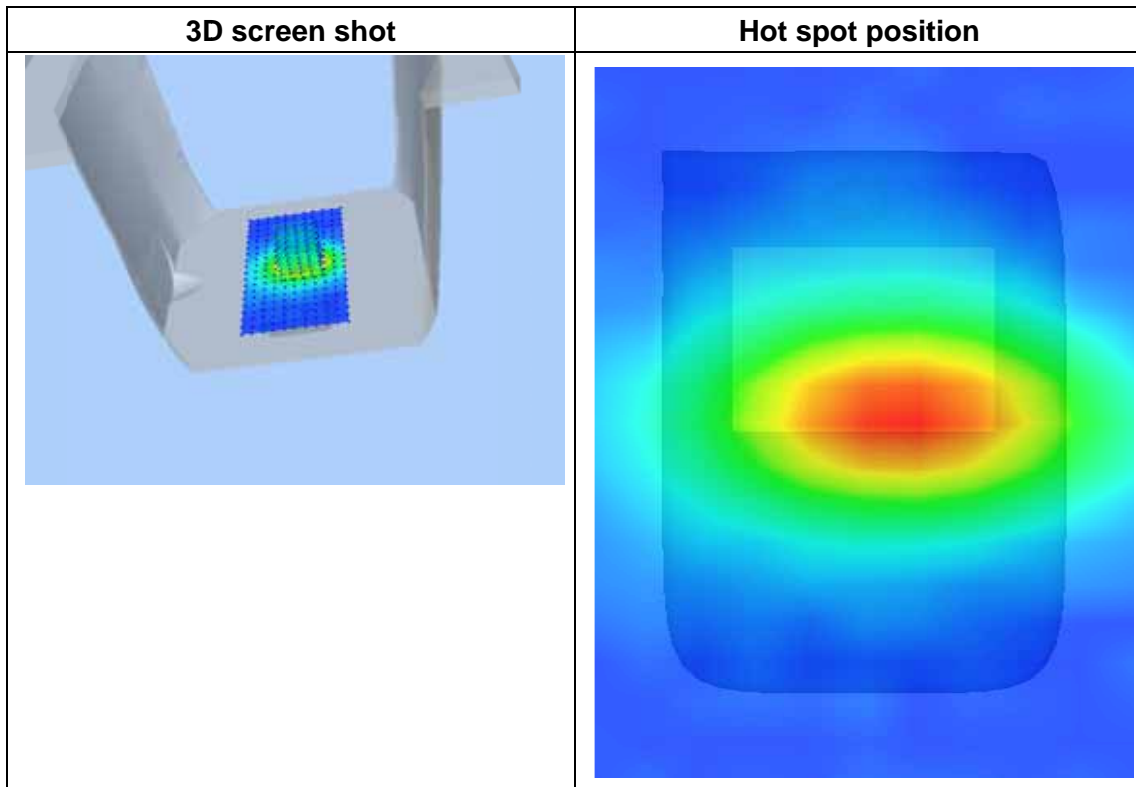
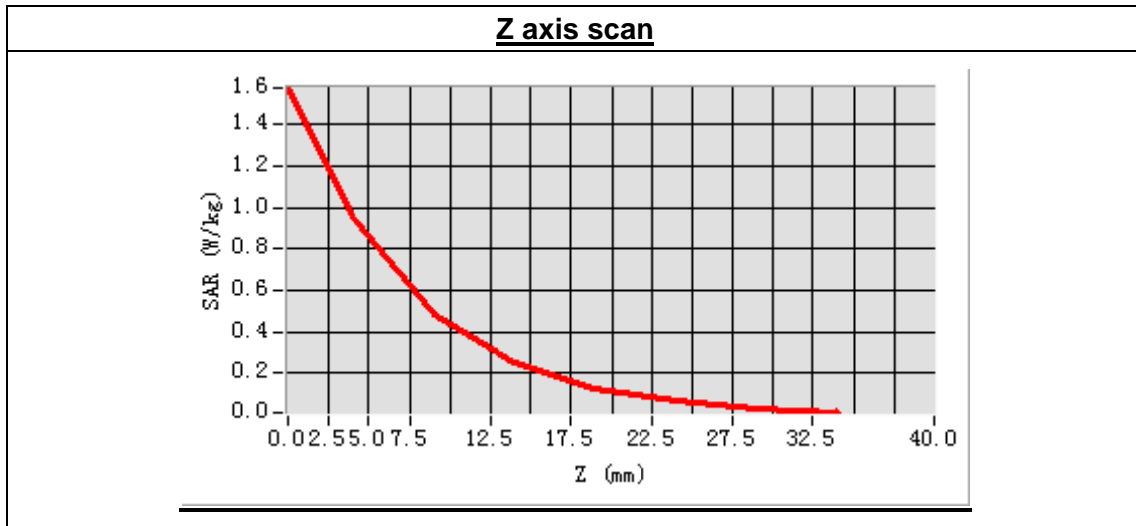
Low Band SAR (Channel 9262):

<b>Frequency (MHz)</b>	1852.400000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	-1.020000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=6.00, Y=1.00  
 SAR Peak: 1.70 W/kg

SAR 10g (W/Kg)	0.470111
SAR 1g (W/Kg)	0.970697



**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: 2014.3.19

Measurement duration: 9 minutes 31 seconds

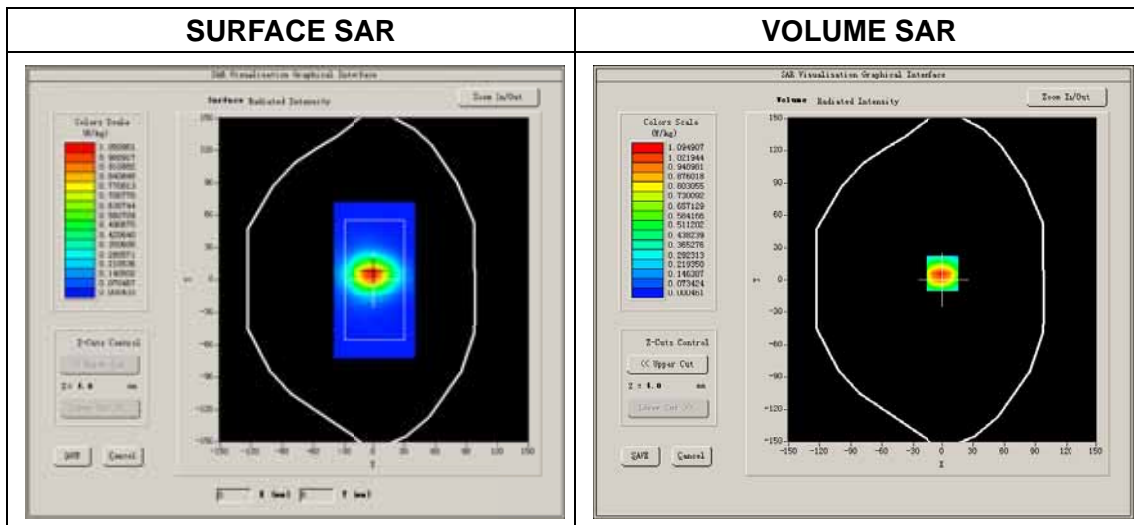
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

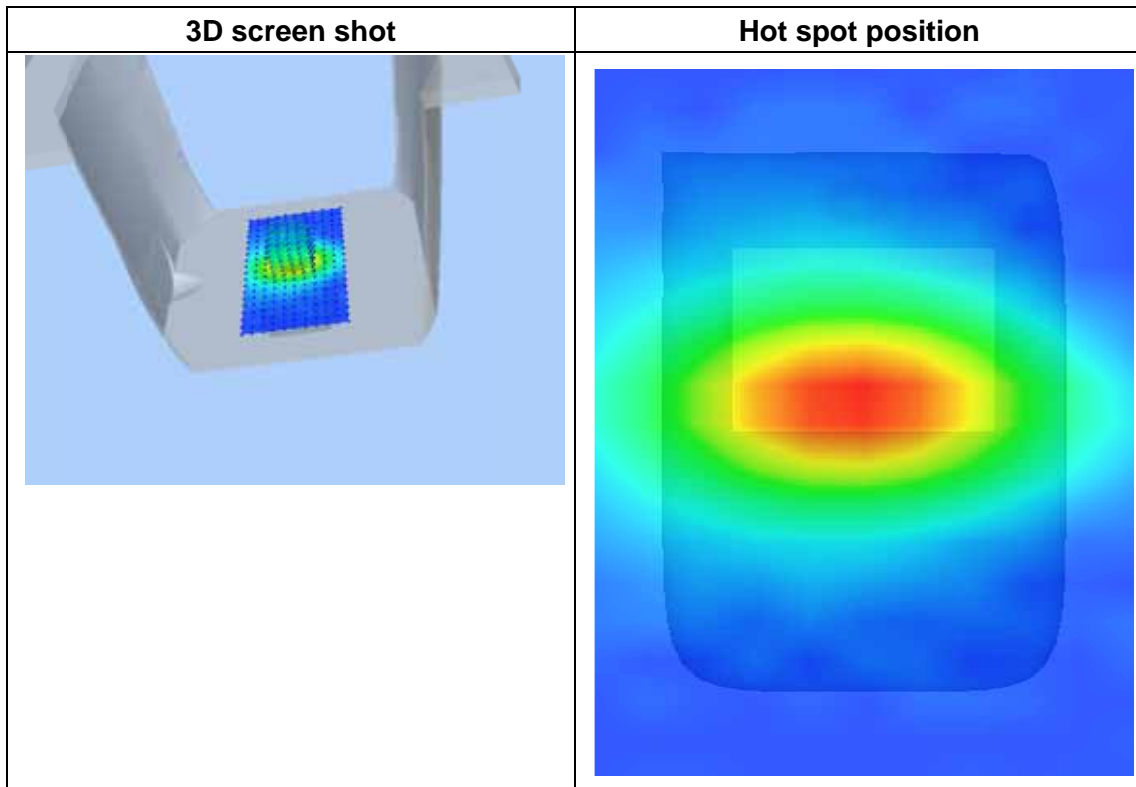
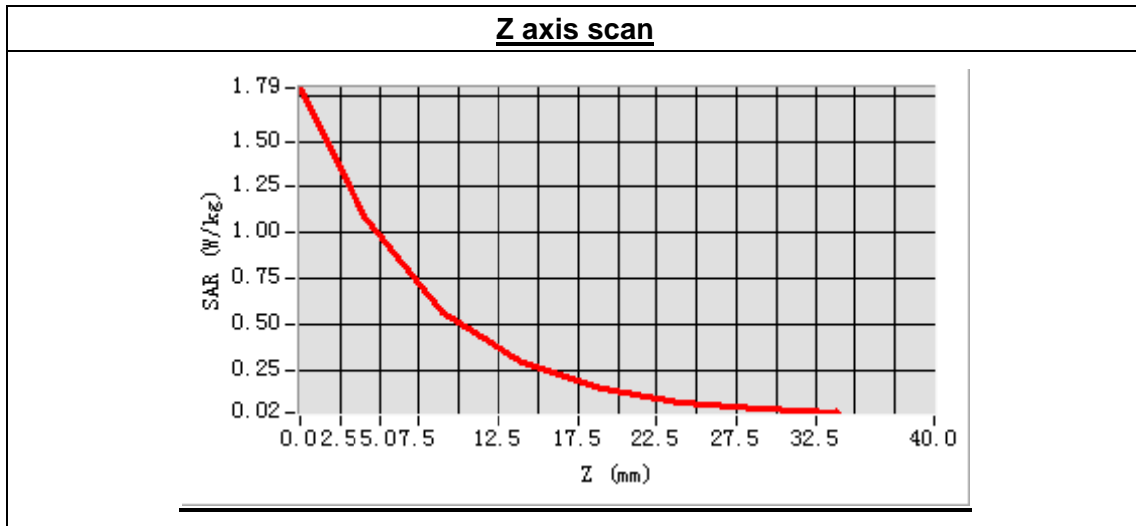
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Relative permittivity</b>	1.498376
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	-0.350000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=-1.00, Y=6.00  
 SAR Peak: 1.94 W/kg

SAR 10g (W/Kg)	0.543801
SAR 1g (W/Kg)	1.121543



**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: 2014.3.19

Measurement duration: 9 minutes 30 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>	WCDMA1900
<b>Channels</b>	High
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

High Band SAR (Channel 9538):

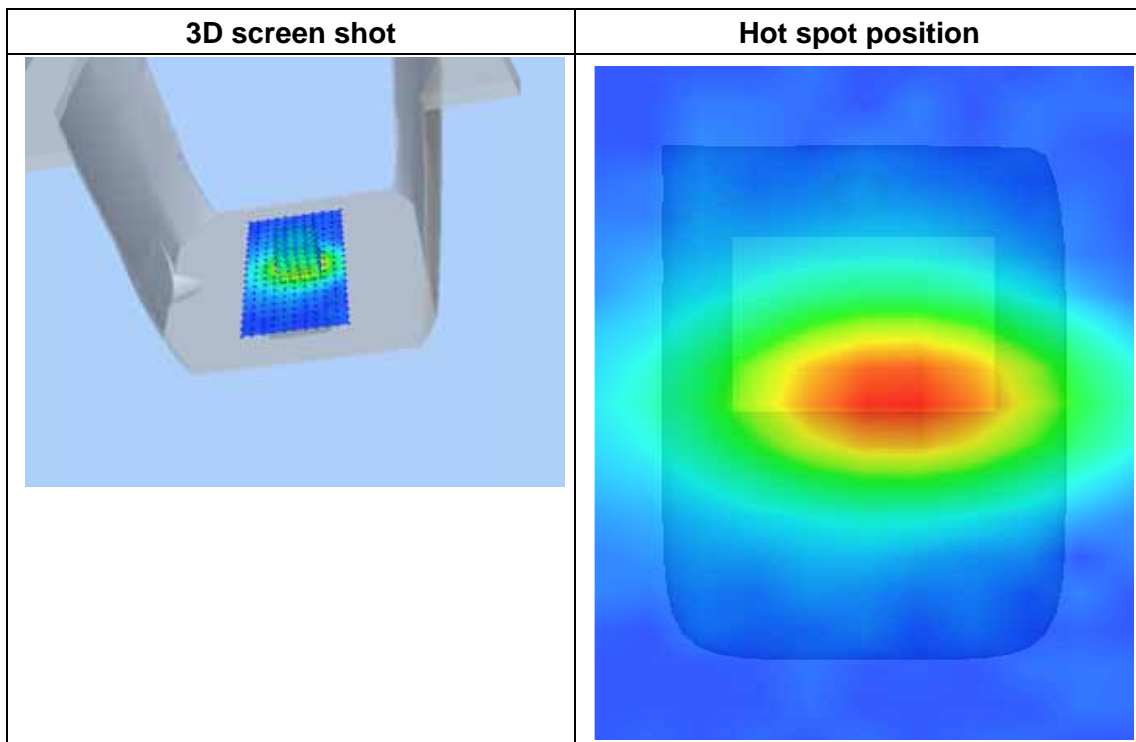
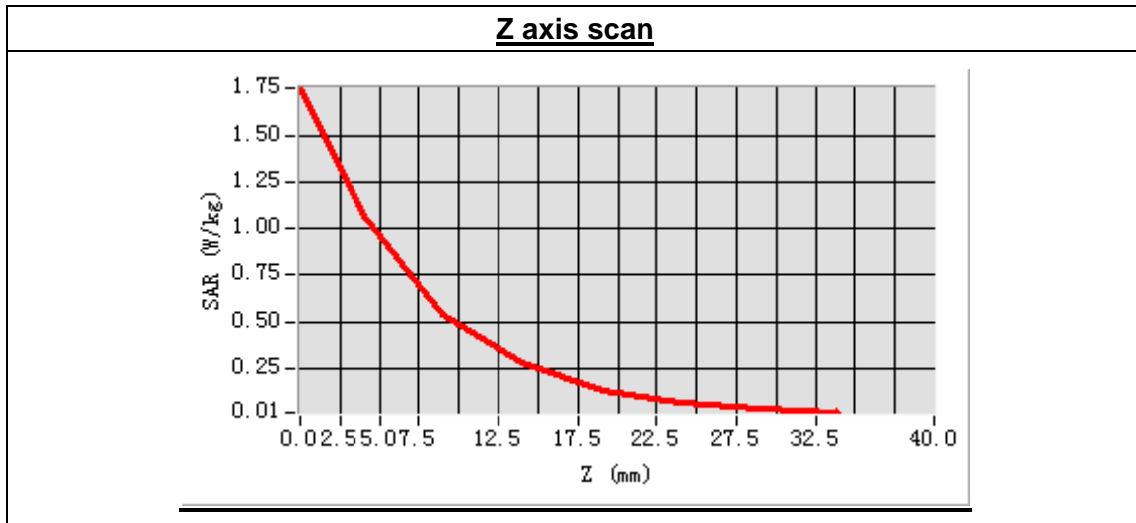
<b>Frequency (MHz)</b>	1907.600000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	0.810000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=5.00, Y=1.00

SAR Peak: 1.90 W/kg

SAR 10g (W/Kg)	0.529241
SAR 1g (W/Kg)	1.091499



**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: 2014.3.19

Measurement duration: 9 minutes 28 seconds

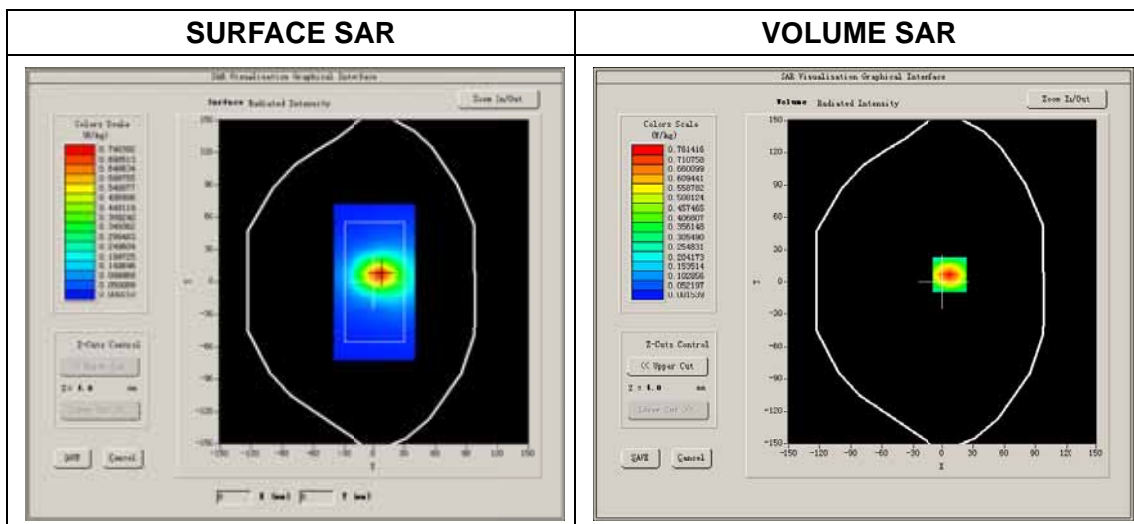
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	High
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

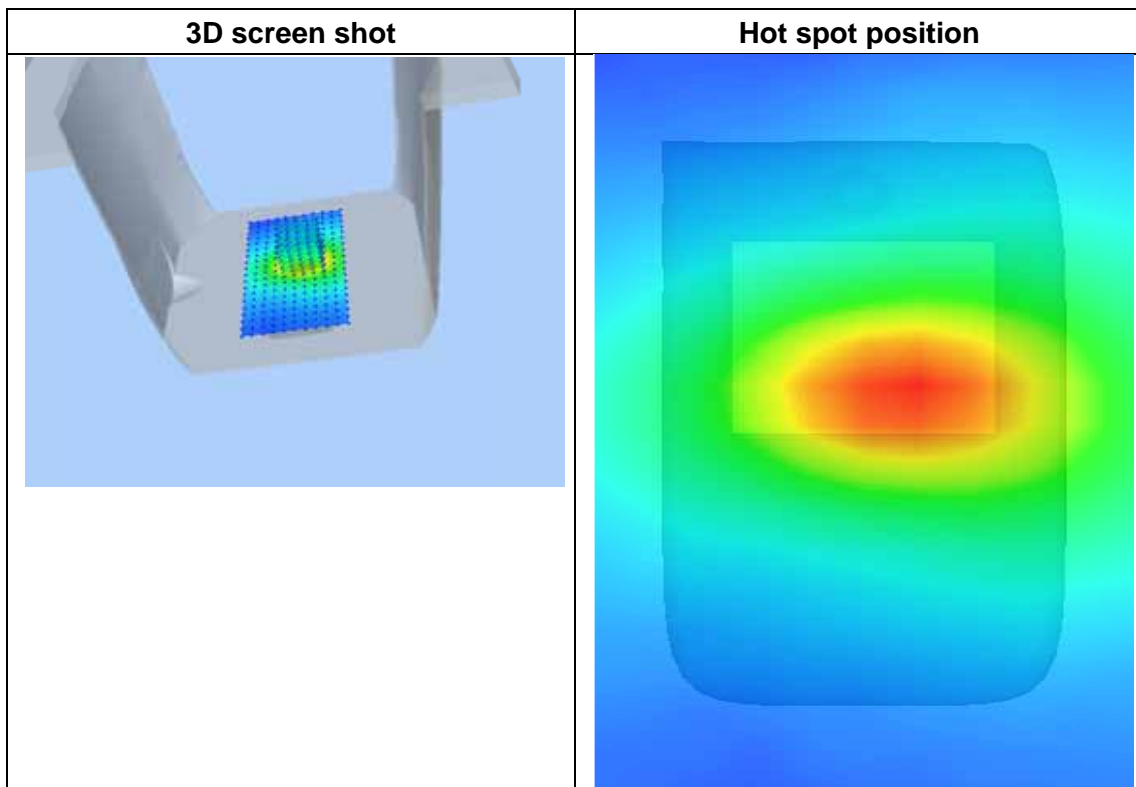
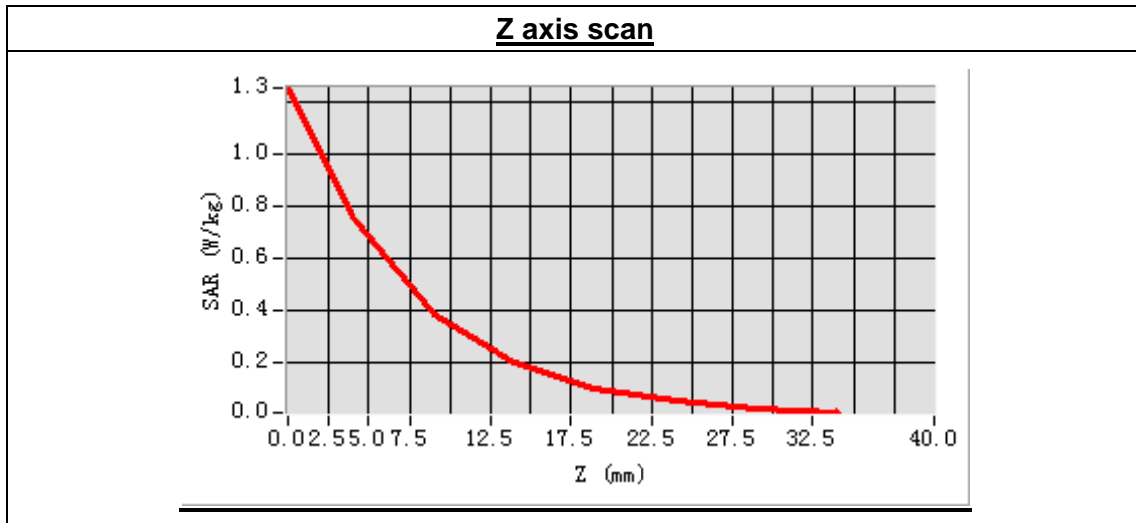
High Band SAR (Channel 9538):

<b>Frequency (MHz)</b>	1907.600000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	0.400000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=7.00, Y=7.00  
 SAR Peak: 1.24 W/kg

SAR 10g (W/Kg)	0.554819
SAR 1g (W/Kg)	0.967826





**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: 2014.3.19

Measurement duration: 9 minutes 14 seconds

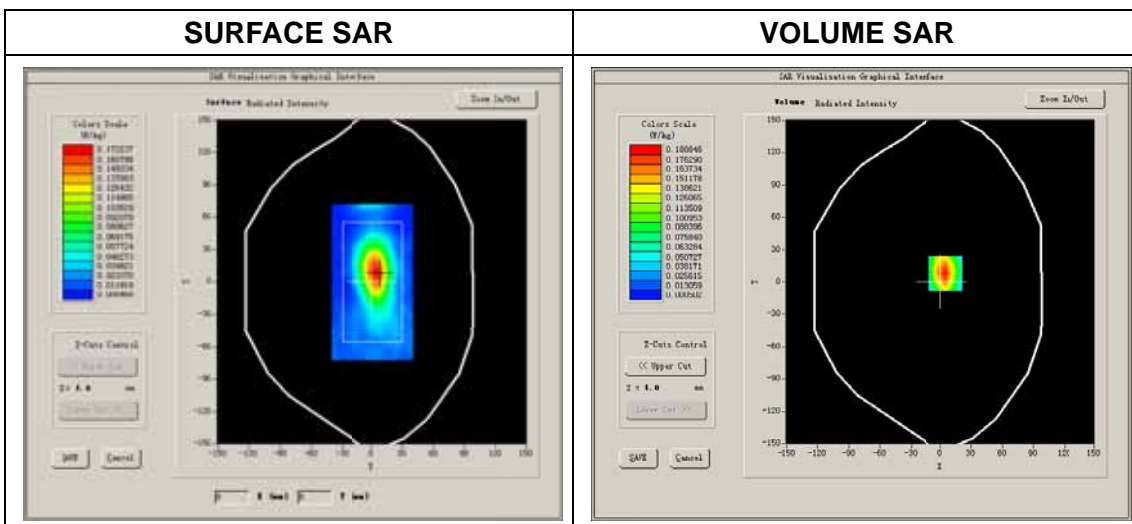
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

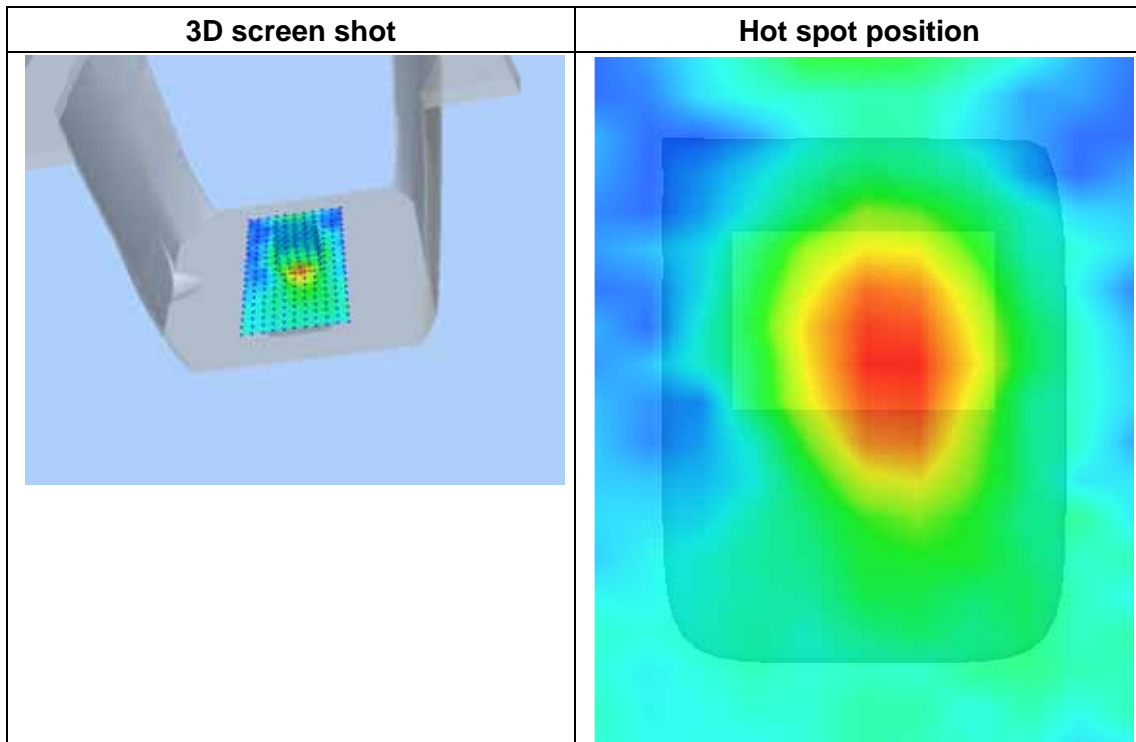
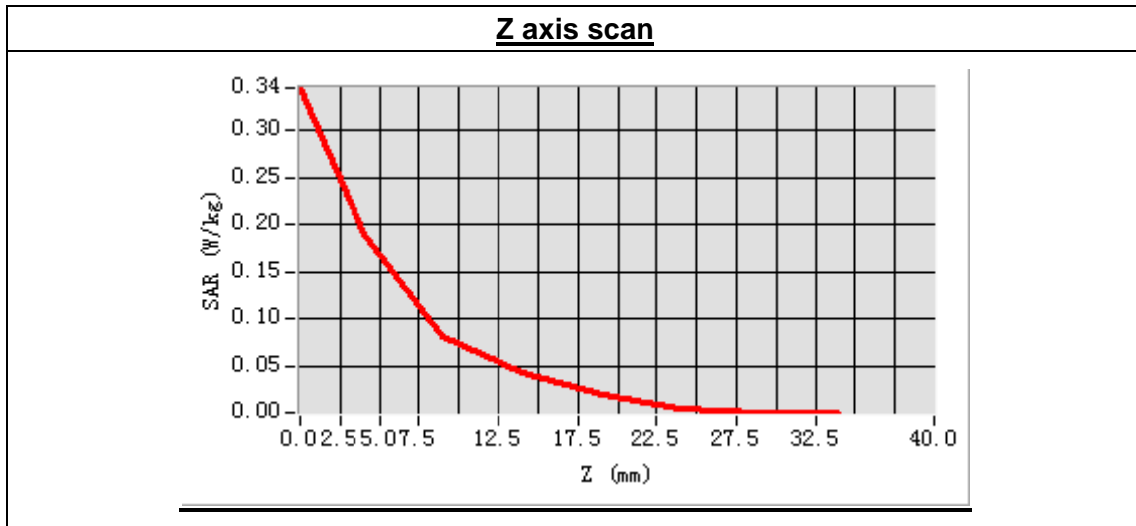
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.104381
<b>Conductivity (S/m)</b>	1.498376
<b>Power drift (%)</b>	3.850000
<b>Ambient Temperature:</b>	22.7°C
<b>Liquid Temperature:</b>	22.3°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1



Maximum location: X=5.00, Y=8.00  
 SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.089845
SAR 1g (W/Kg)	0.198278



**MEASUREMENT 42**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 30 seconds

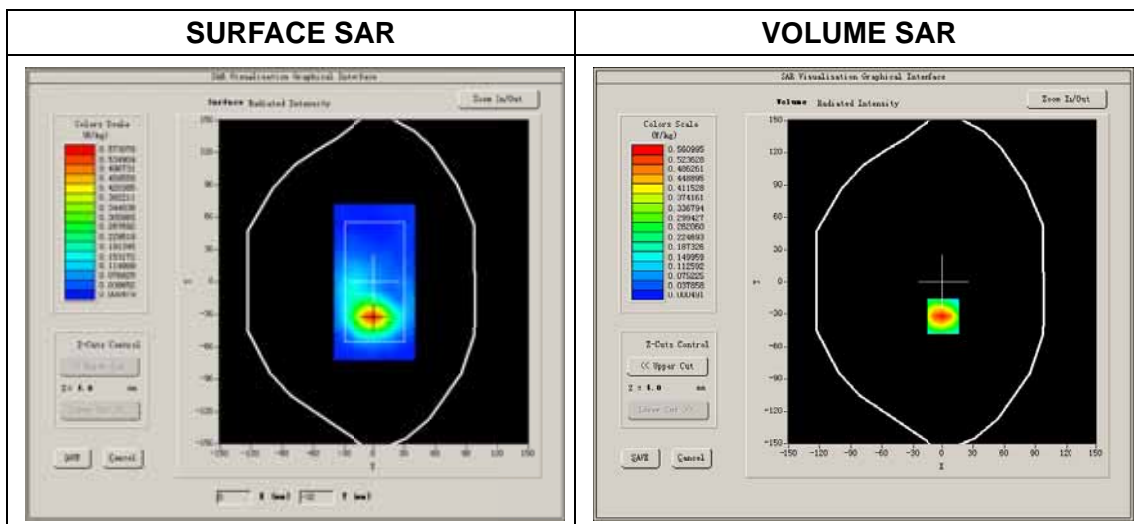
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

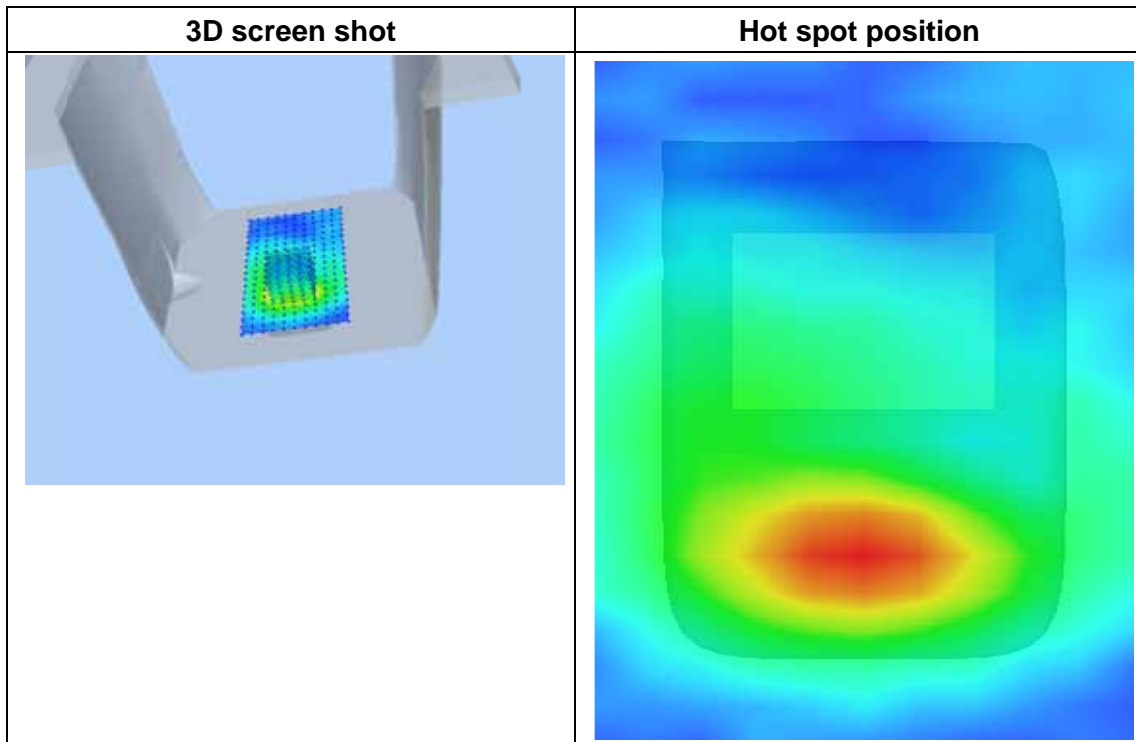
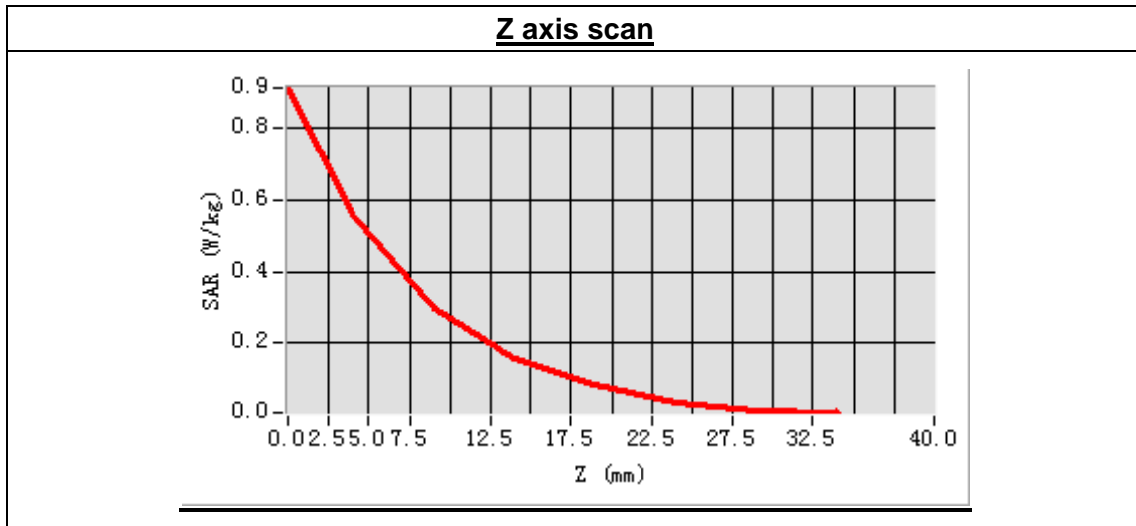
Low Band SAR (Channel 20050):

<b>Frequency (MHz)</b>	1720.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	-3.740000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=0.00, Y=-32.00  
 SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.281071
SAR 1g (W/Kg)	0.571362



**MEASUREMENT 43**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 30 seconds

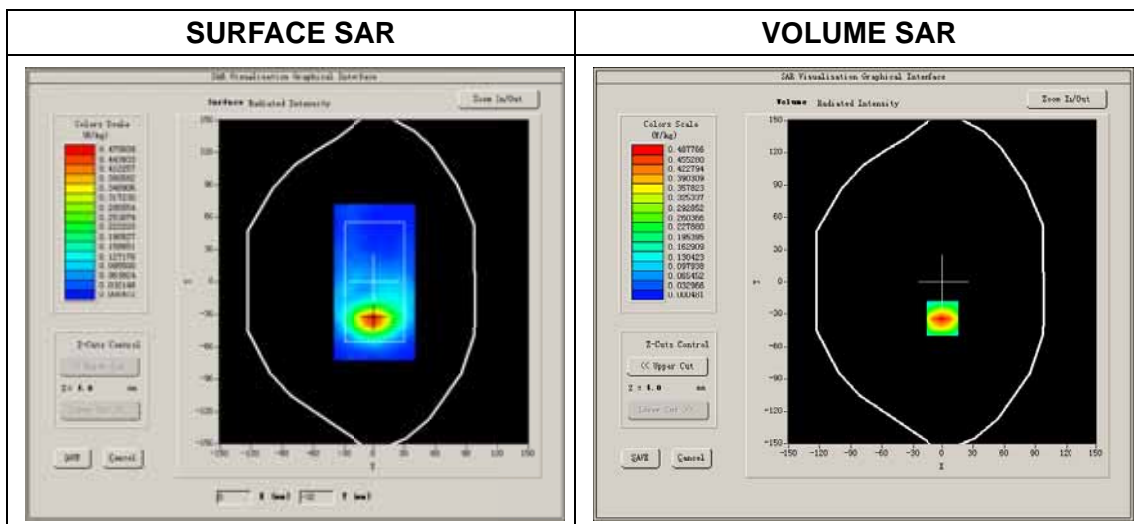
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

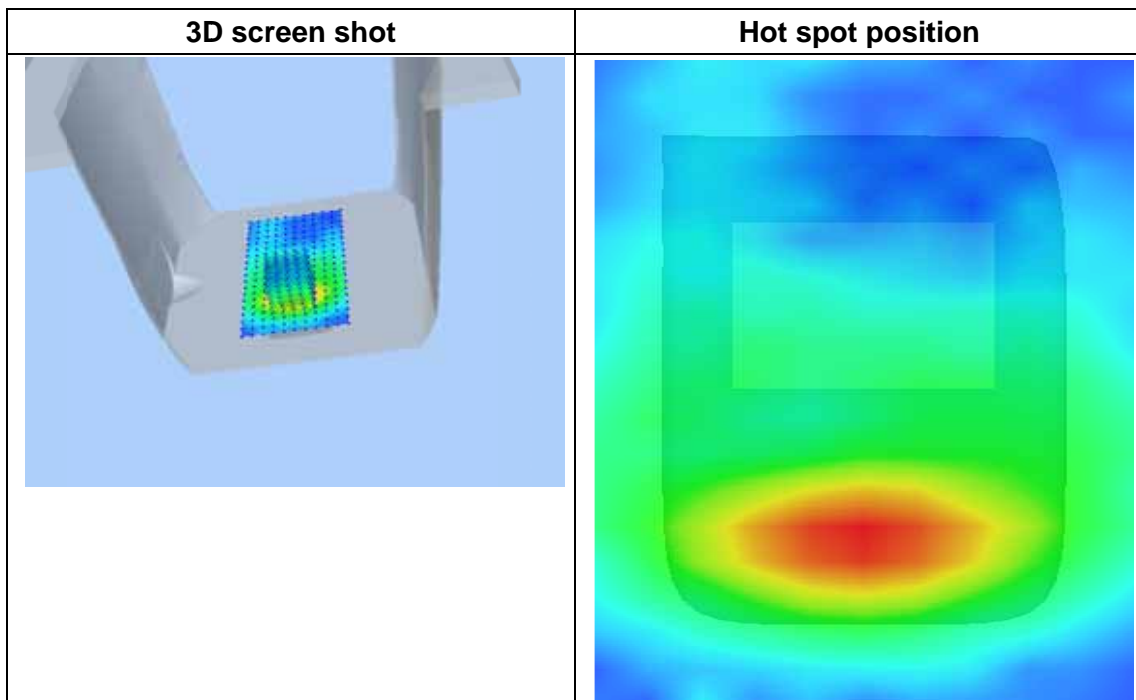
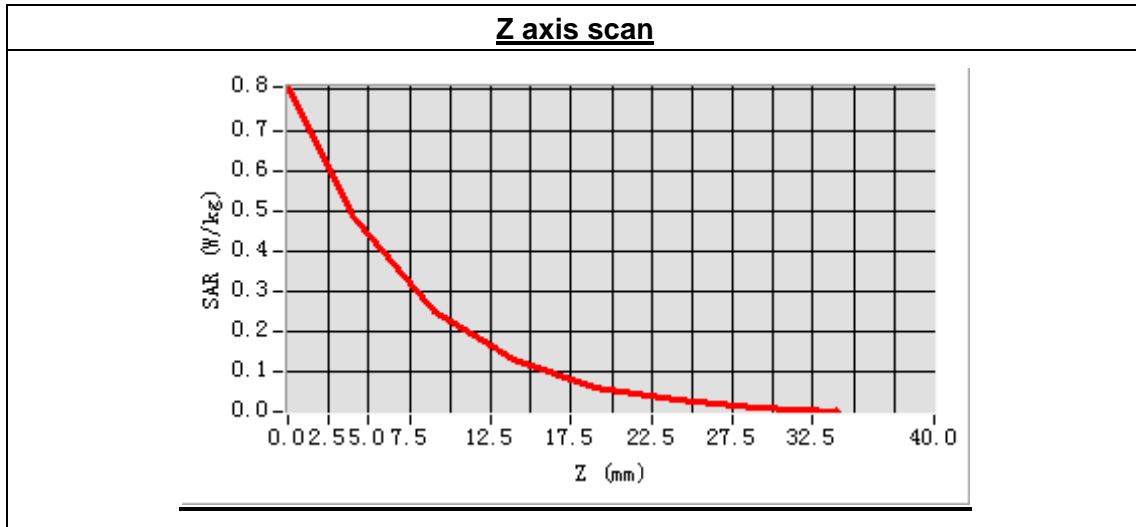
Lower Band SAR (Channel 20050):

<b>Frequency (MHz)</b>	1720.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	-3.720000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=-1.00, Y=-34.00  
 SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.241792
SAR 1g (W/Kg)	0.497112



**MEASUREMENT 44**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 32 seconds

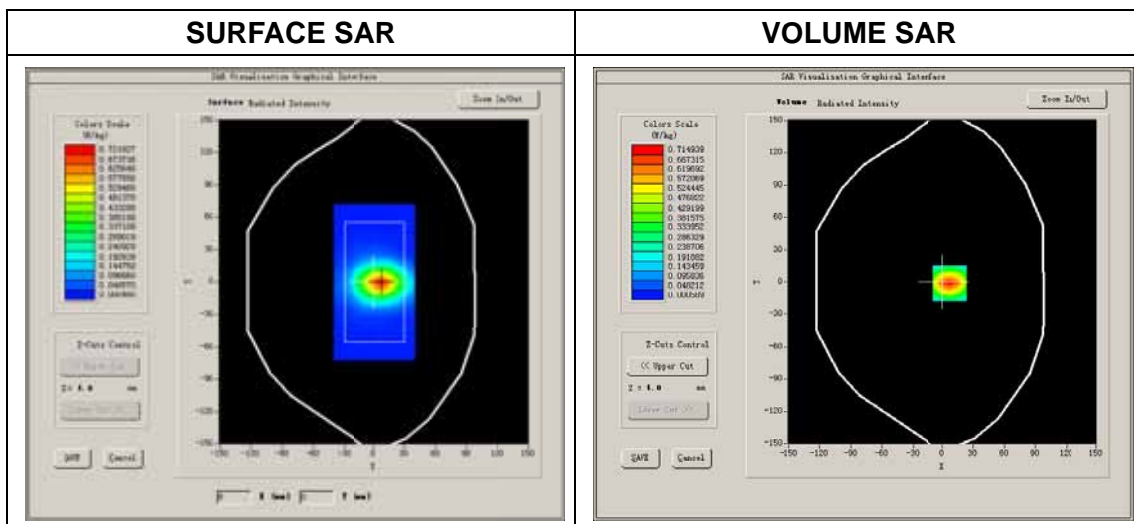
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

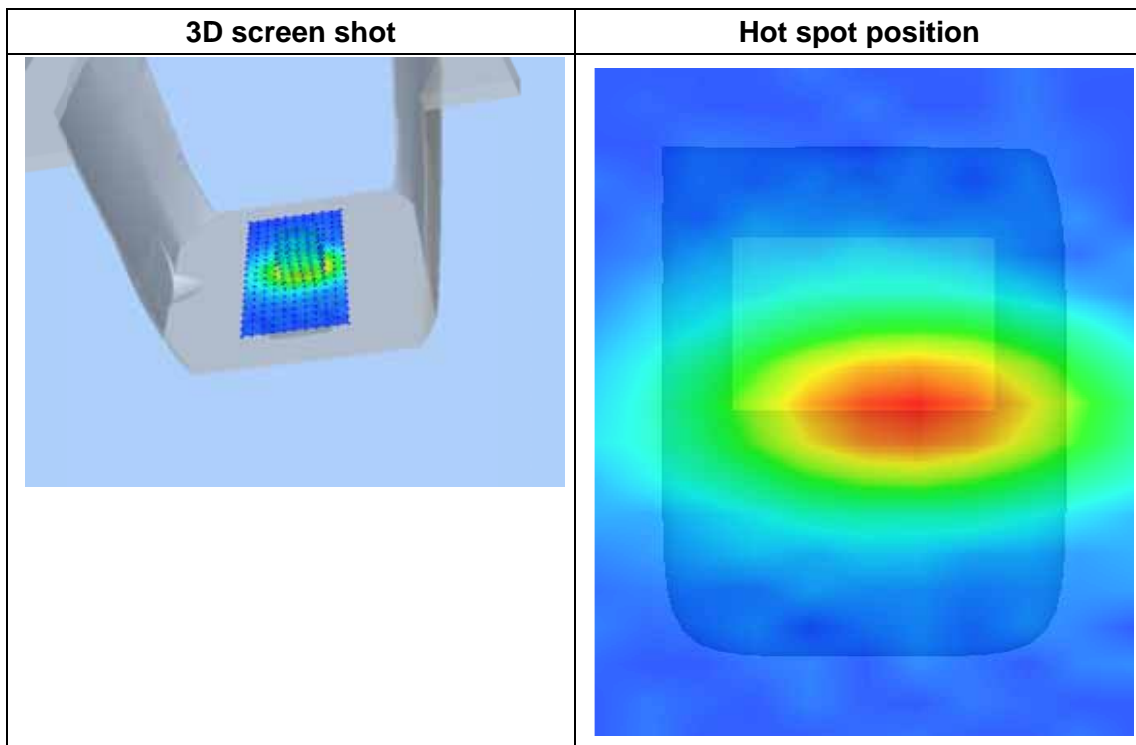
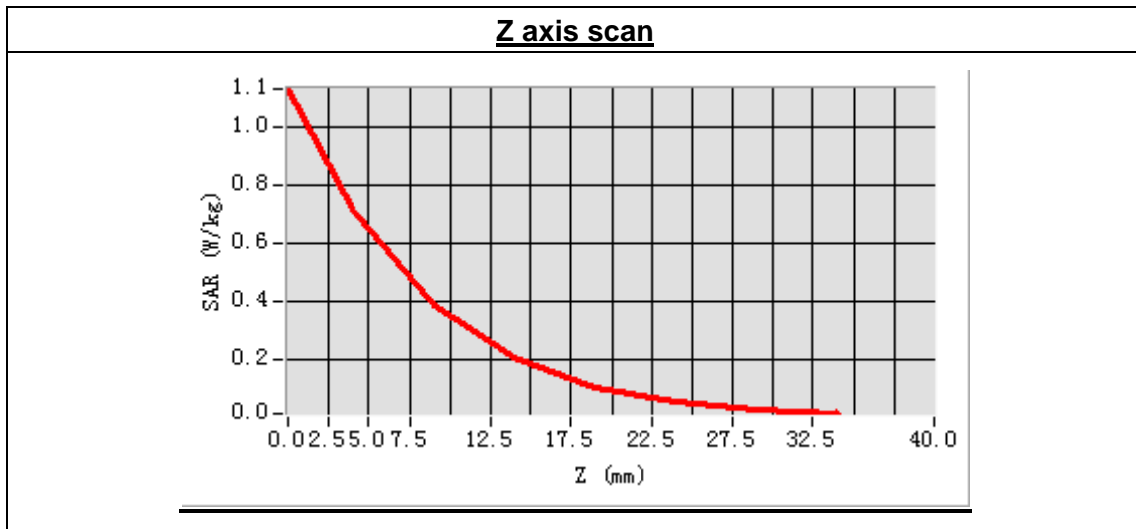
Low Band SAR (Channel 20050):

<b>Frequency (MHz)</b>	1720.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	-1.830000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=7.00, Y=-1.00  
 SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.363565
SAR 1g (W/Kg)	0.728298





**MEASUREMENT 45**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 31 seconds

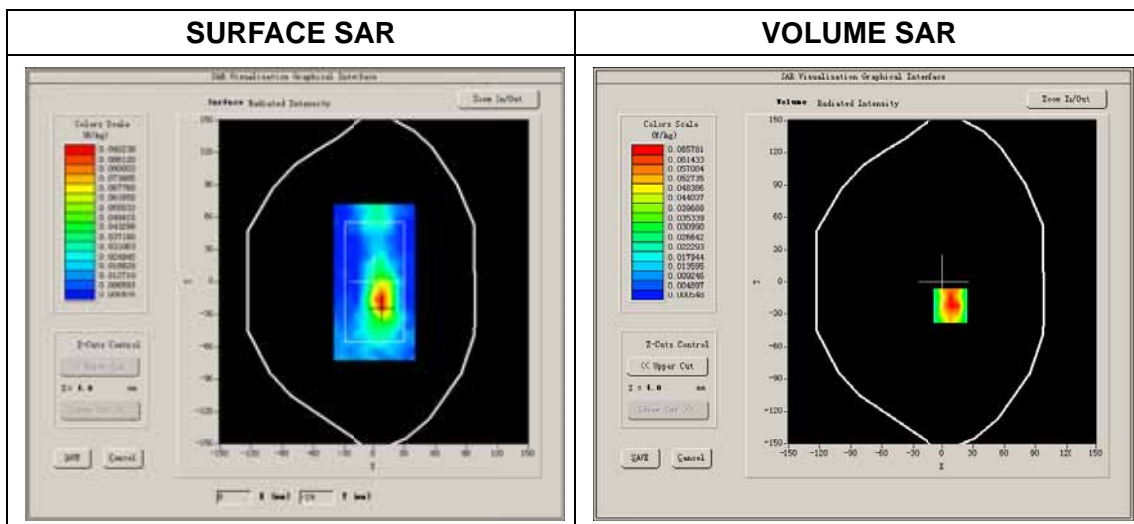
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

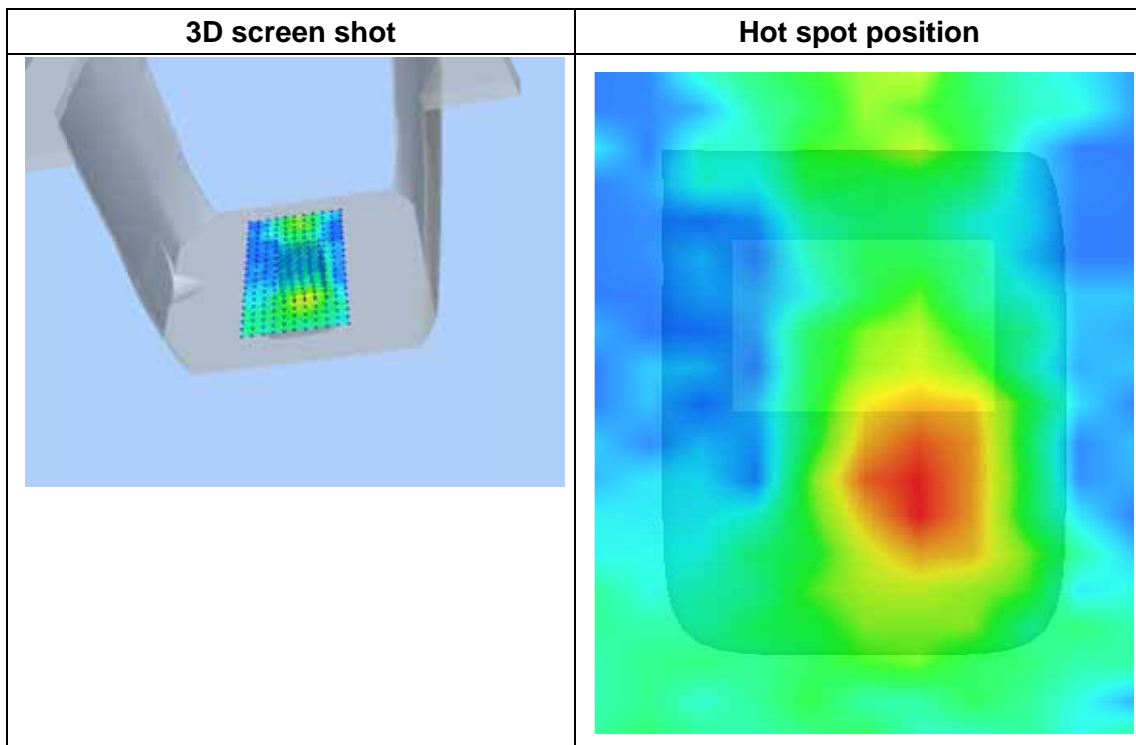
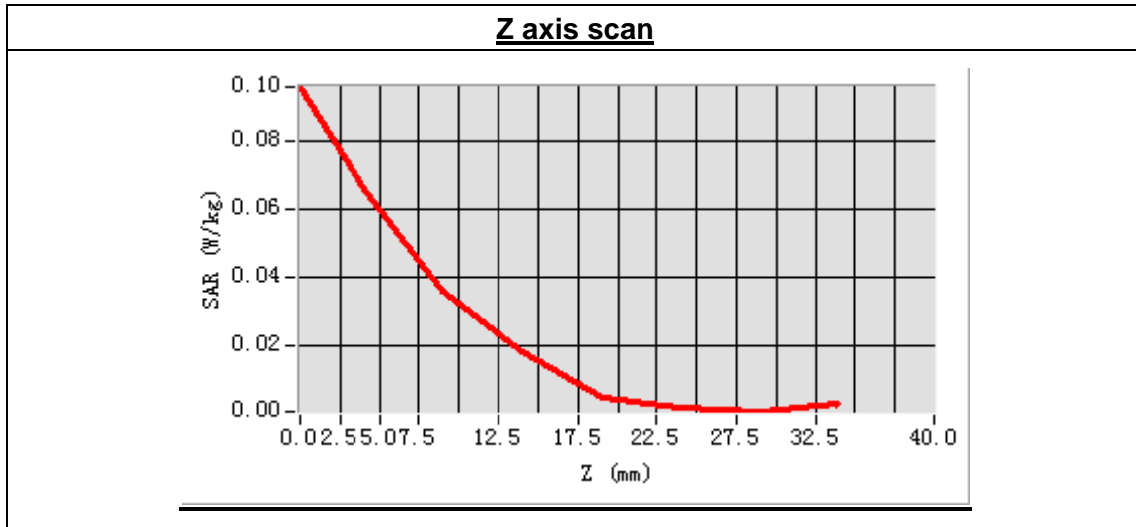
Low Band SAR (Channel 20050):

<b>Frequency (MHz)</b>	1720.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	-3.610000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=8.00, Y=-22.00  
 SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.035137
SAR 1g (W/Kg)	0.070683



**MEASUREMENT 46**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 31 seconds

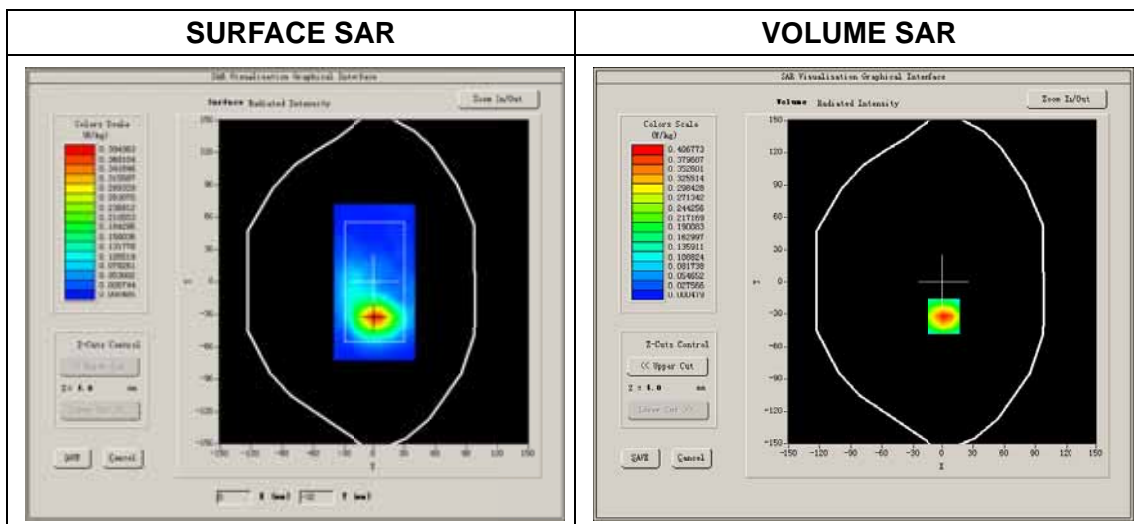
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	High
<b>Signal</b>	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

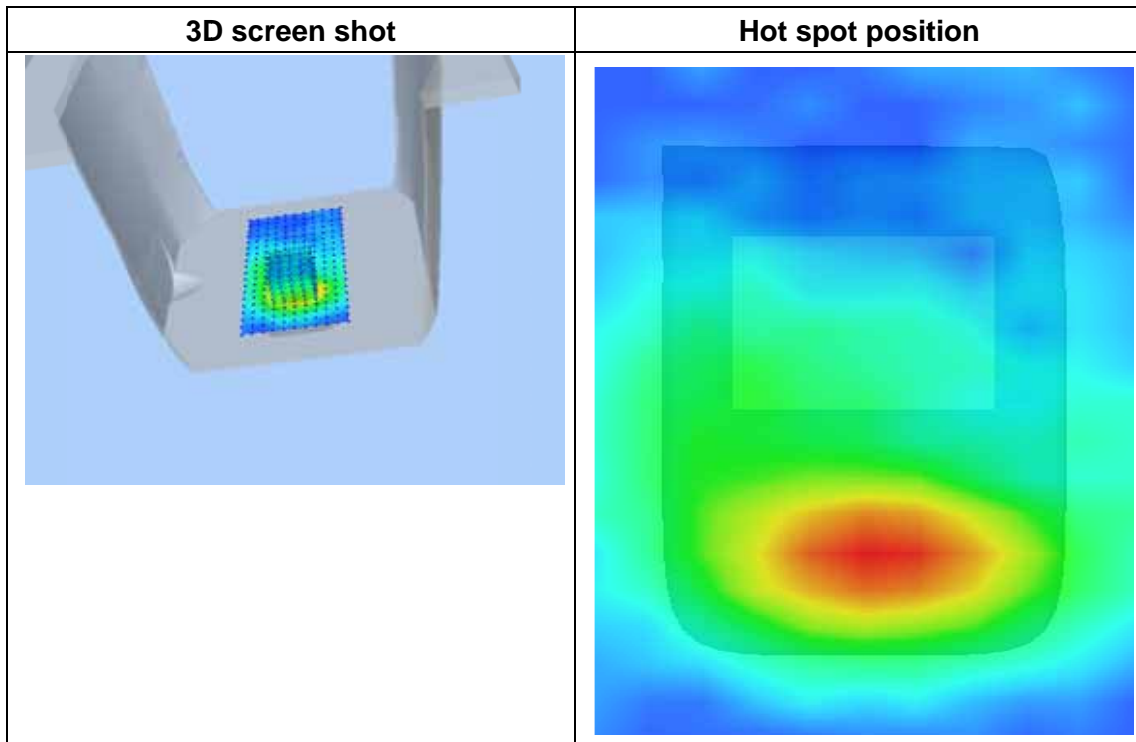
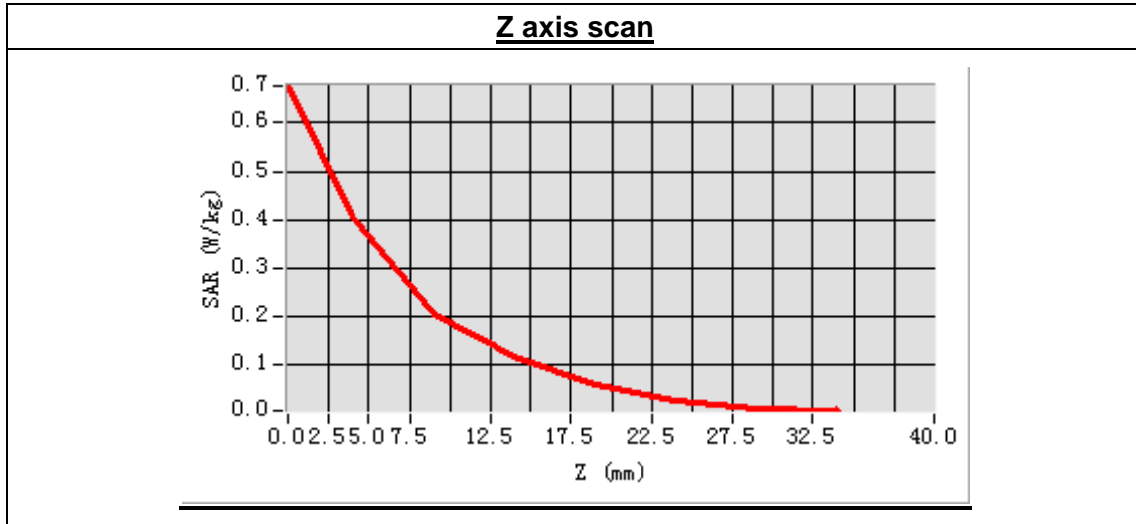
High Band SAR (Channel 20300):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	-3.910000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=1.00, Y=-32.00  
 SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.201637
SAR 1g (W/Kg)	0.415931



**MEASUREMENT 47**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 31 seconds

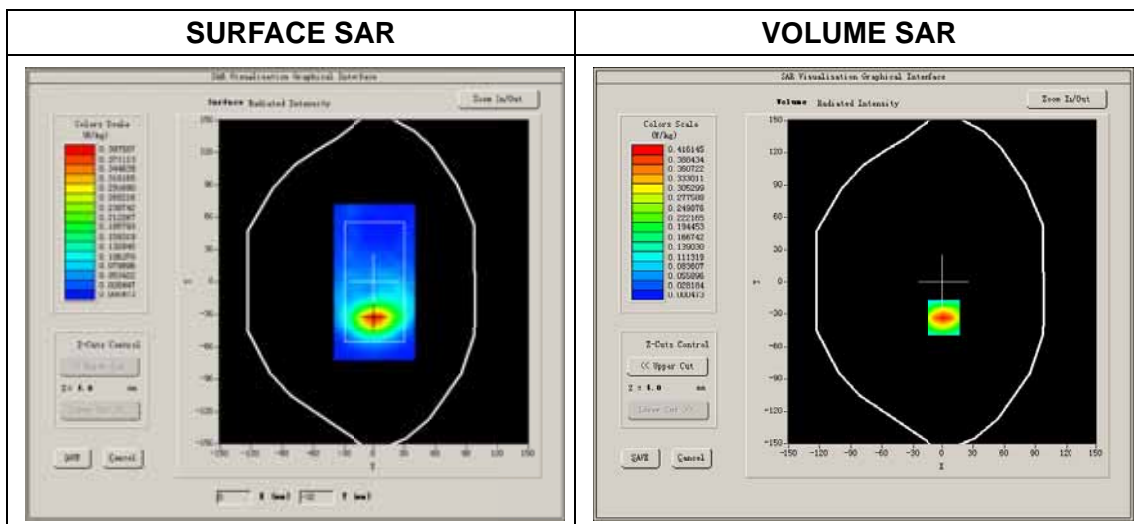
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	High
<b>Signal</b>	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

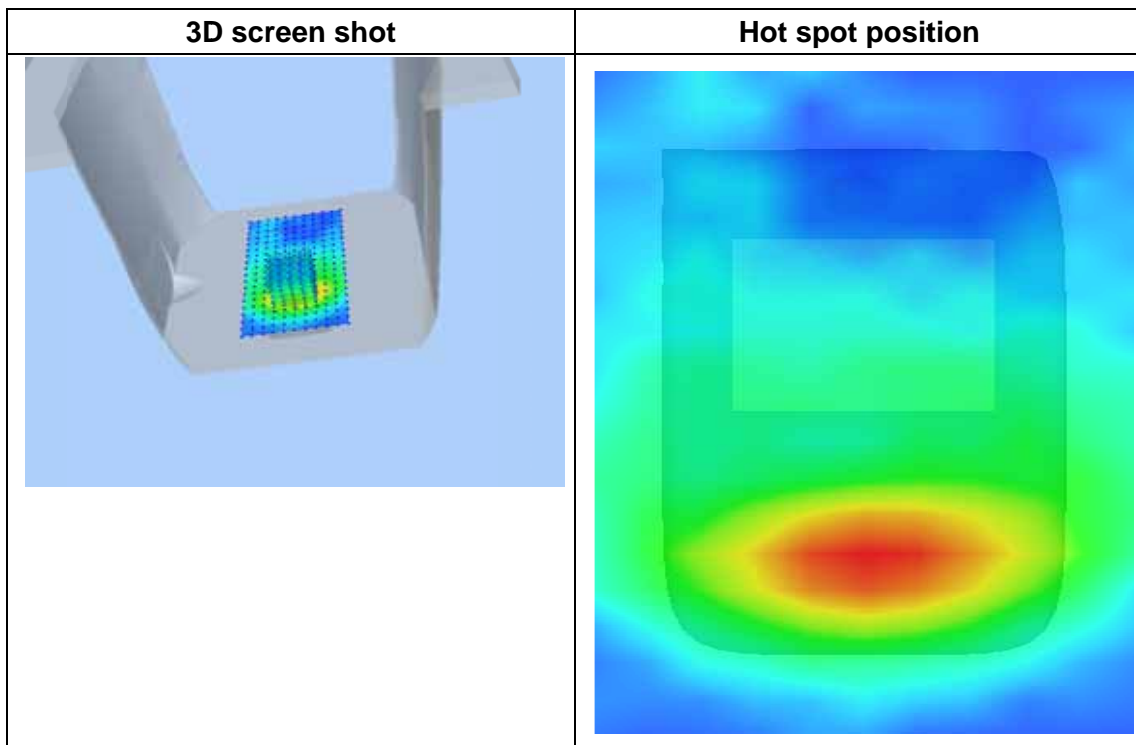
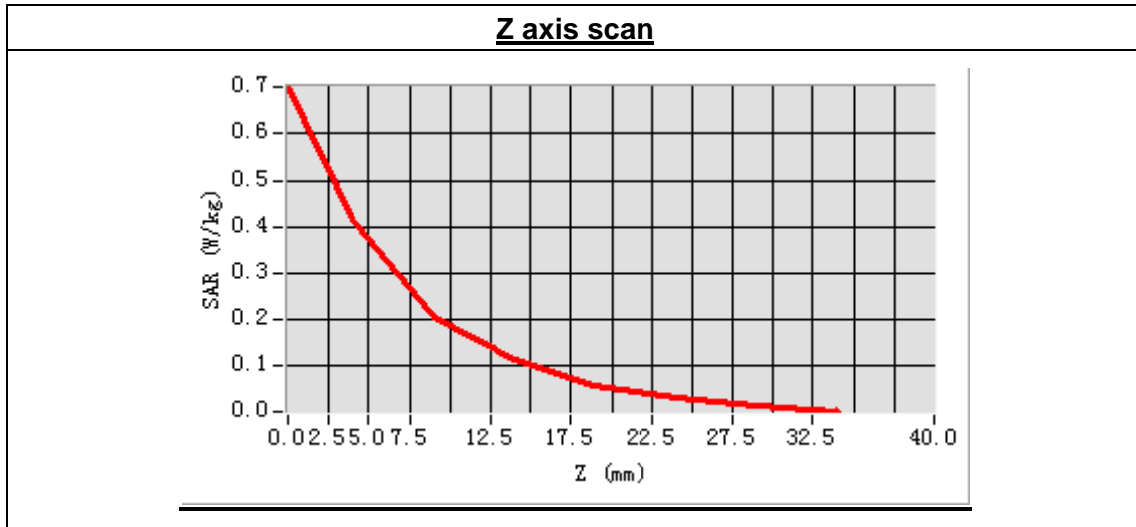
High Band SAR (Channel 20300):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	3.780000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=1.00, Y=-33.00  
 SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.204880
SAR 1g (W/Kg)	0.423903



**MEASUREMENT 48**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	High
<b>Signal</b>	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

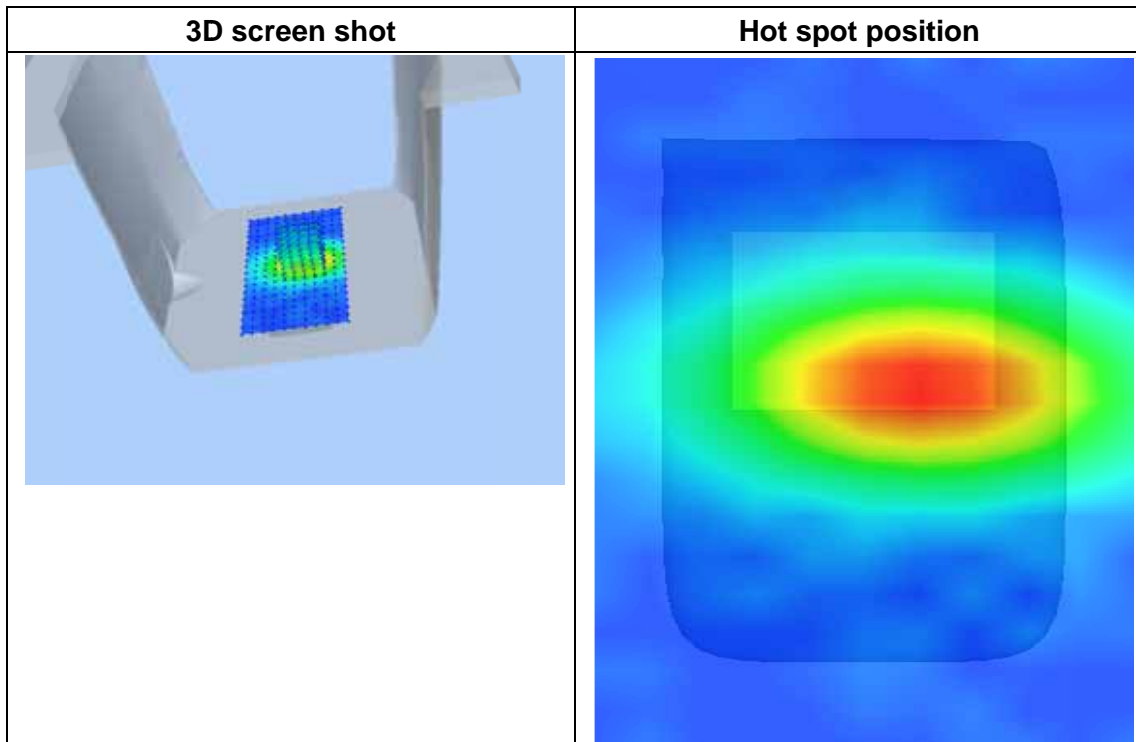
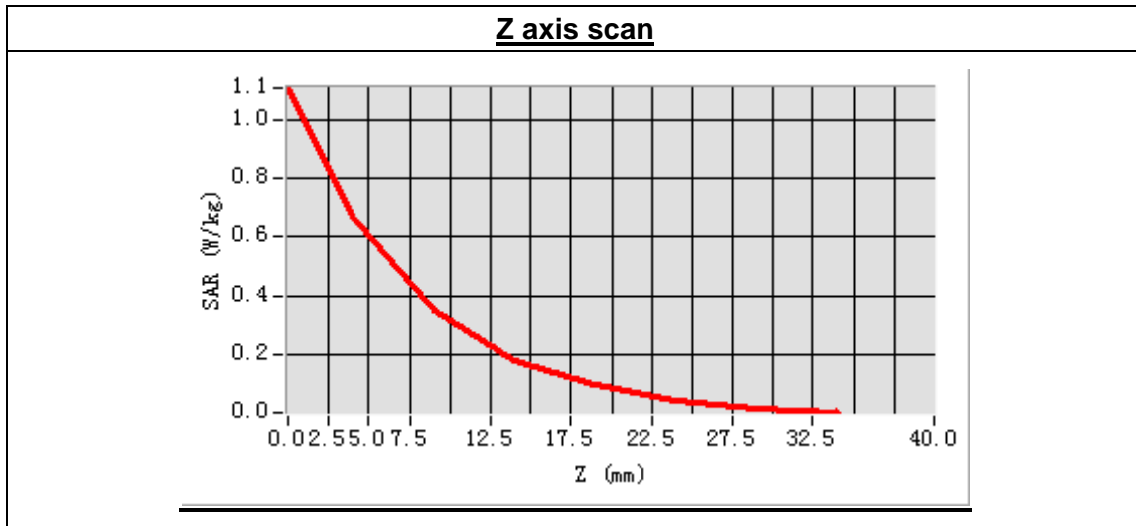
High Band SAR (Channel 20300):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	-1.420000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=8.00, Y=3.00  
 SAR Peak: 1.19 W/kg

SAR 10g (W/Kg)	0.334096
SAR 1g (W/Kg)	0.684373





**MEASUREMENT 49**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.18

Measurement duration: 9 minutes 32 seconds

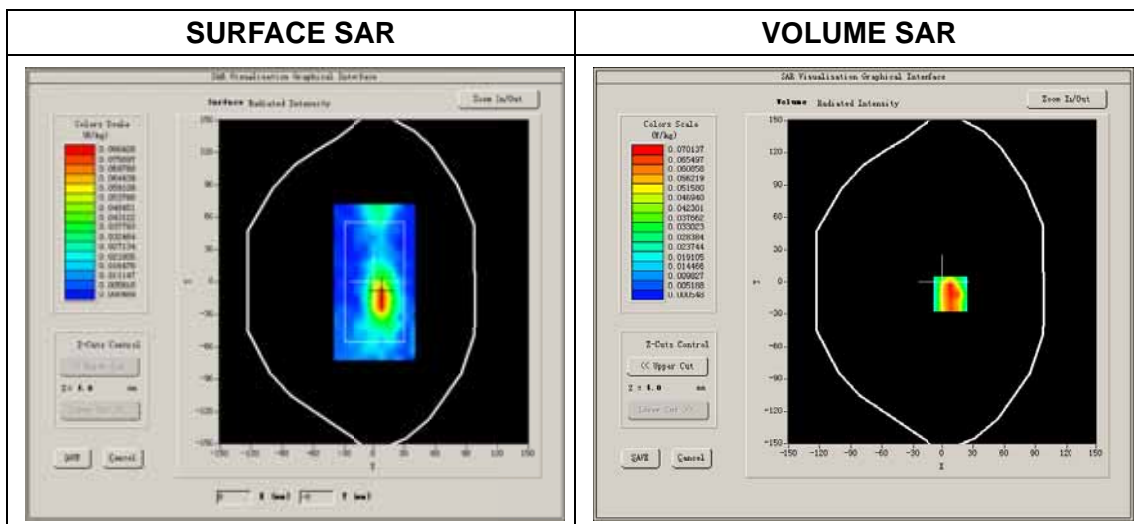
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	High
<b>Signal</b>	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

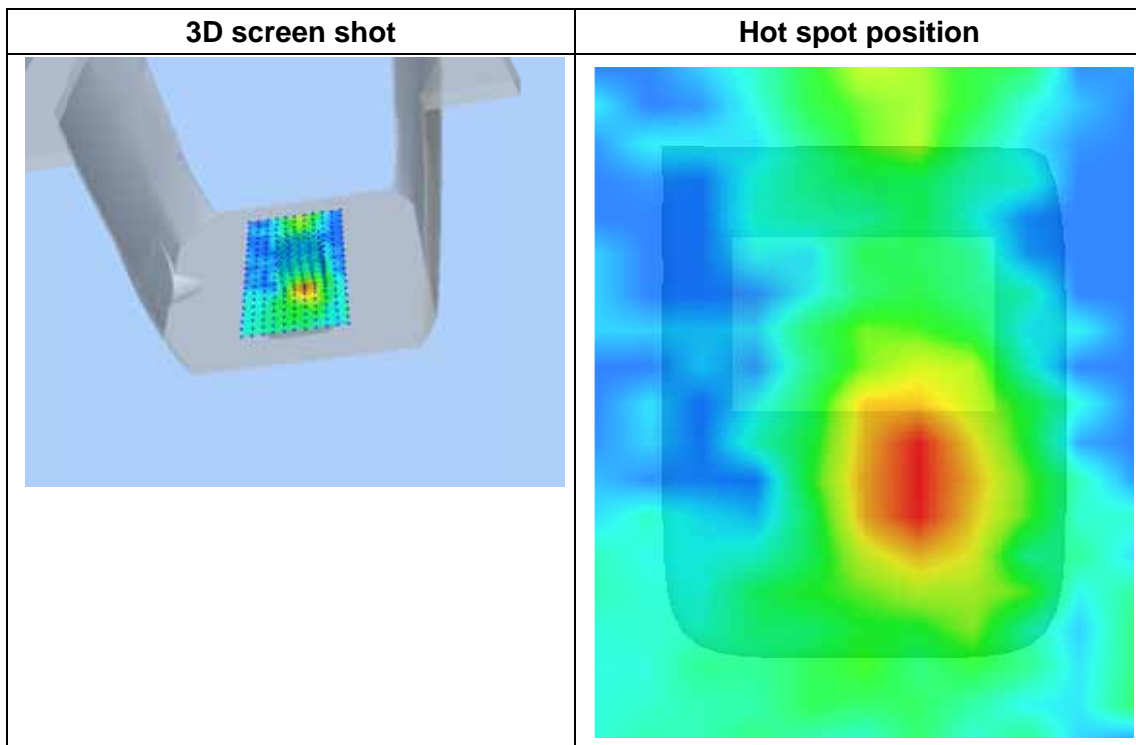
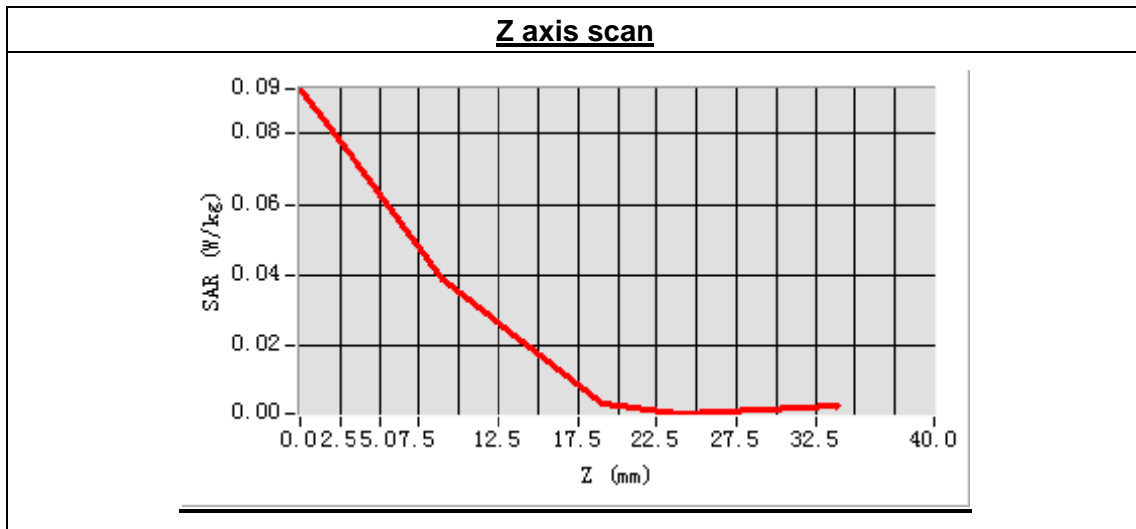
High Band SAR (Channel 20300):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	53.271340
<b>Conductivity (S/m)</b>	1.513468
<b>Power drift (%)</b>	2.500000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1



Maximum location: X=8.00, Y=-11.00  
 SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.034199
SAR 1g (W/Kg)	0.073481



**MEASUREMENT 50**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 2 seconds

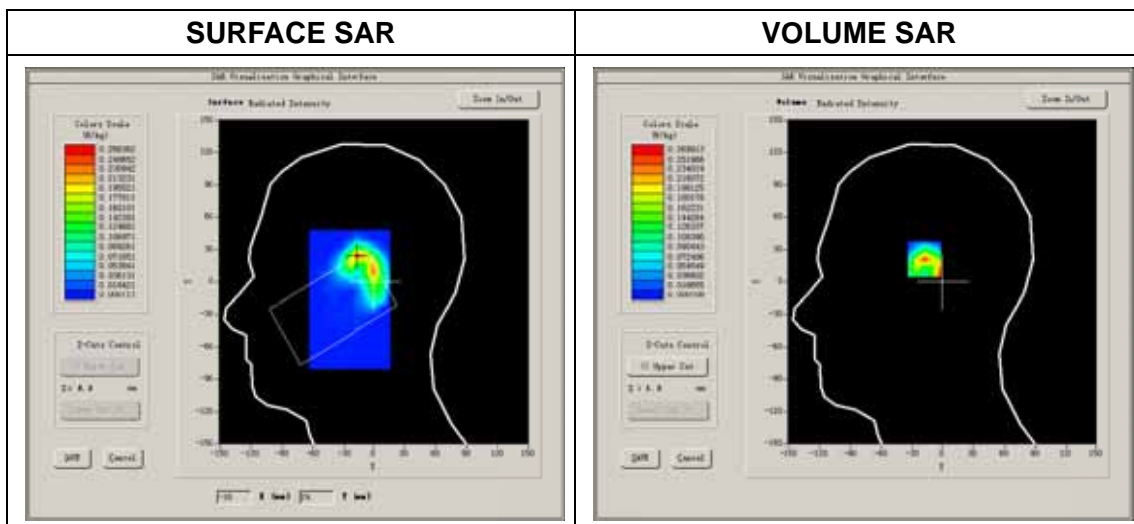
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

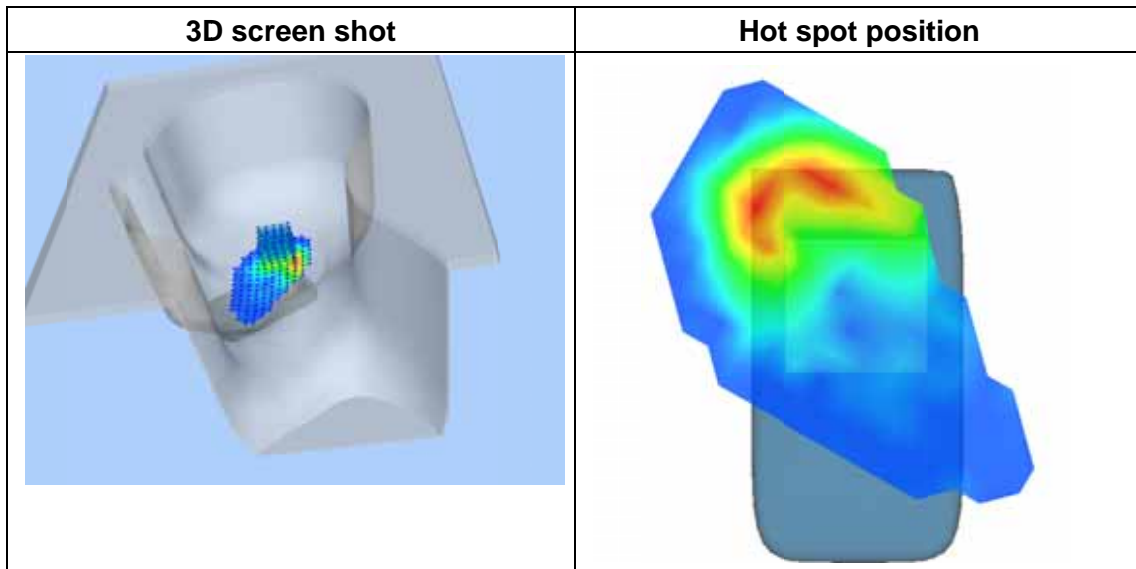
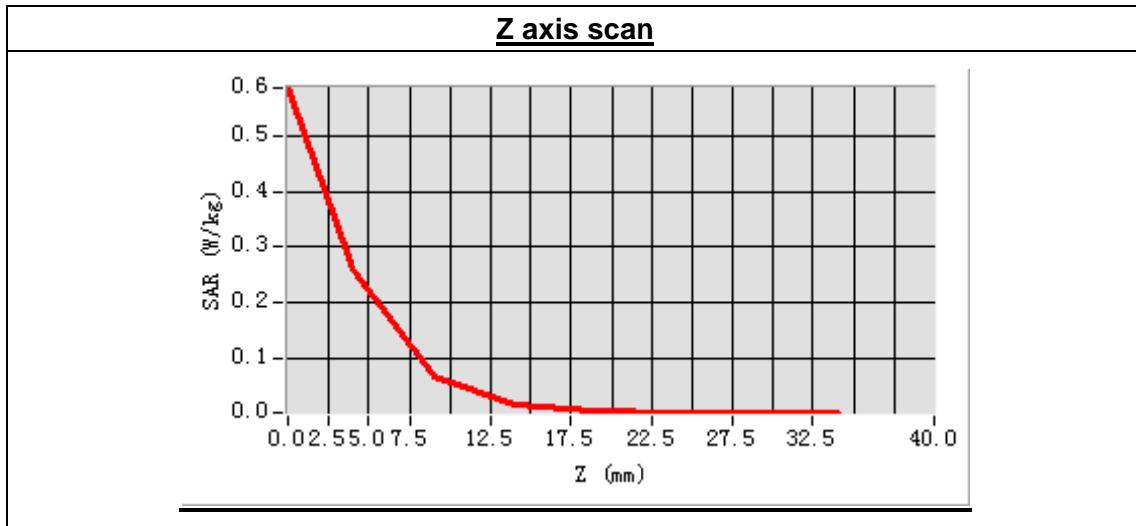
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	2.340000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-16.00, Y=24.00  
 SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.083298
SAR 1g (W/Kg)	0.231906



**MEASUREMENT 51**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 15 seconds

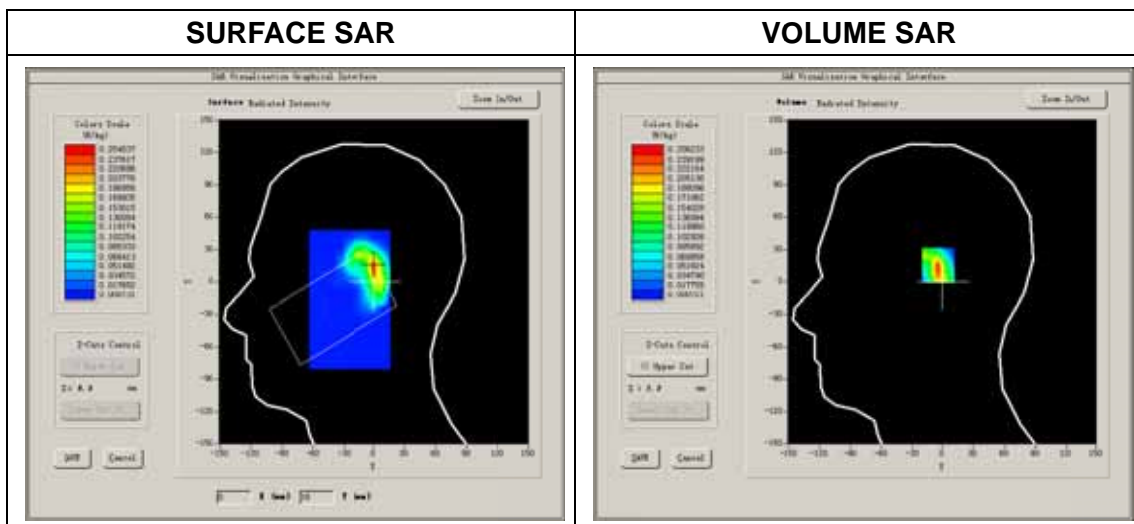
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

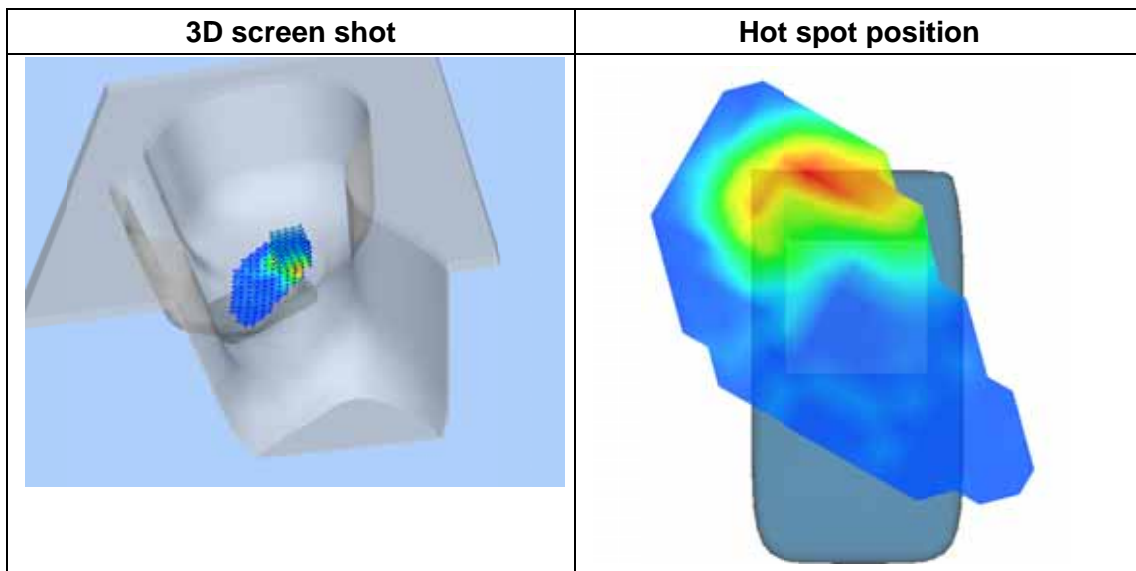
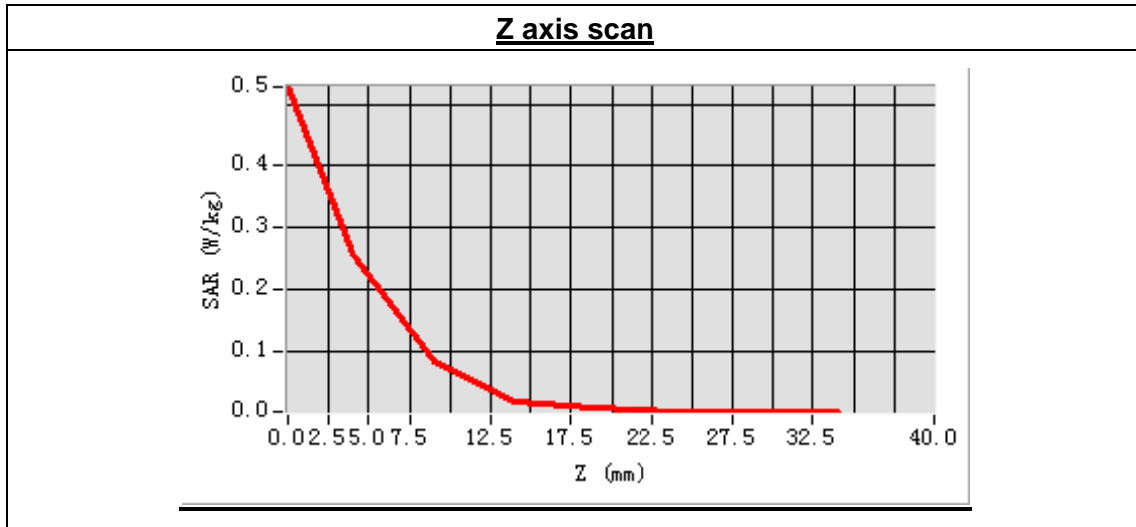
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	2.450000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=1.00, Y=15.00  
 SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.085933
SAR 1g (W/Kg)	0.236343



**MEASUREMENT 52**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 3 seconds

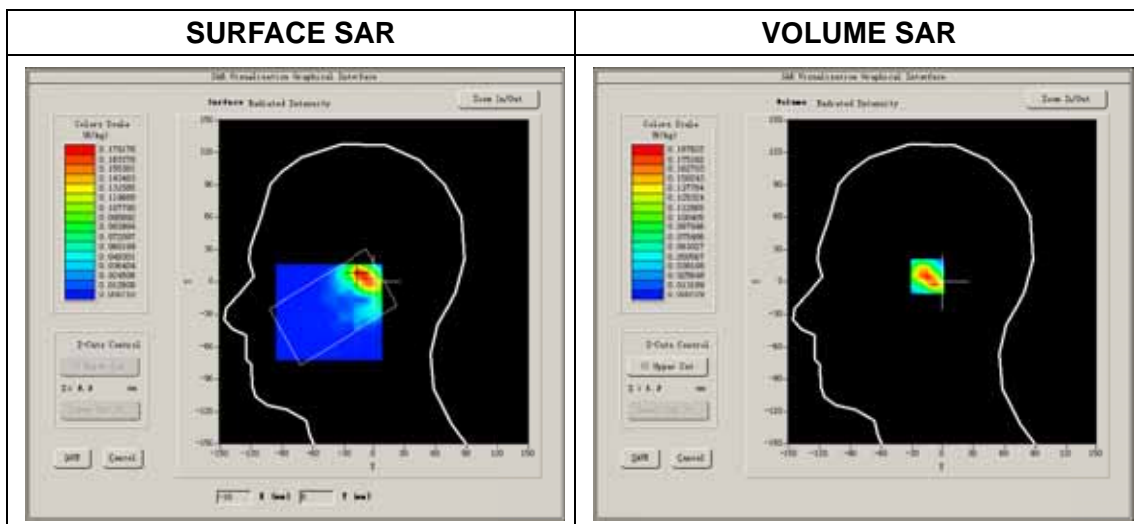
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

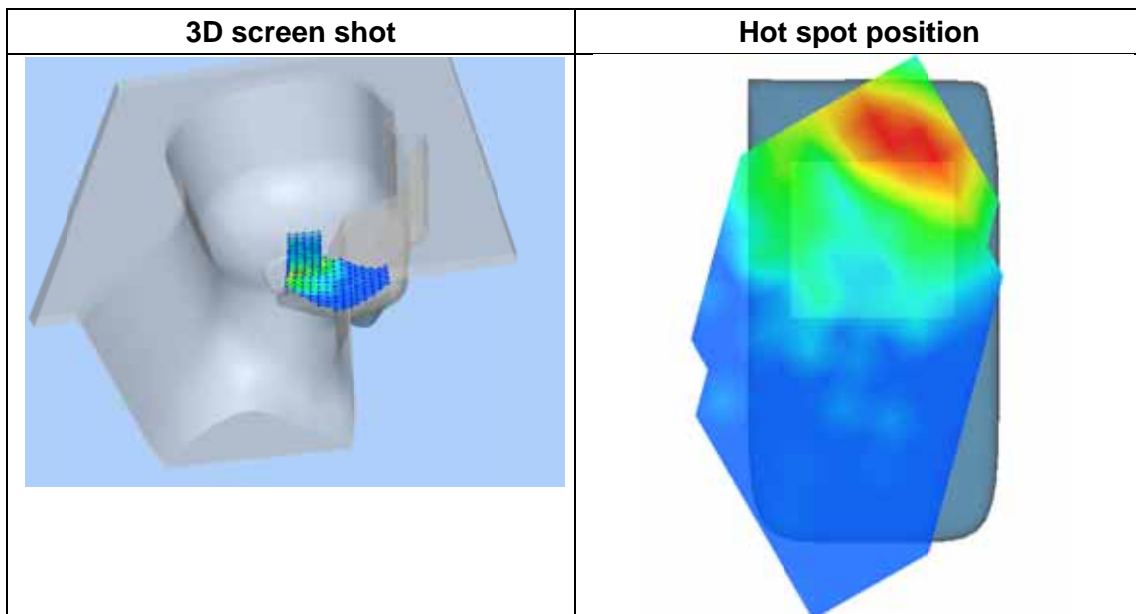
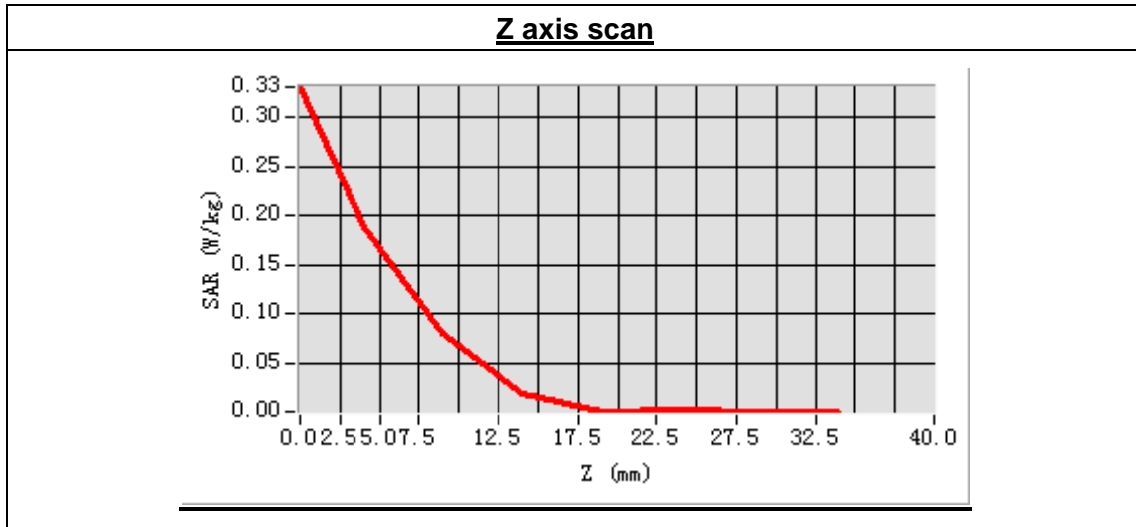
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-3.100000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-10.00, Y=5.00  
 SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.065991
SAR 1g (W/Kg)	0.171453





**MEASUREMENT 53**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 17 seconds

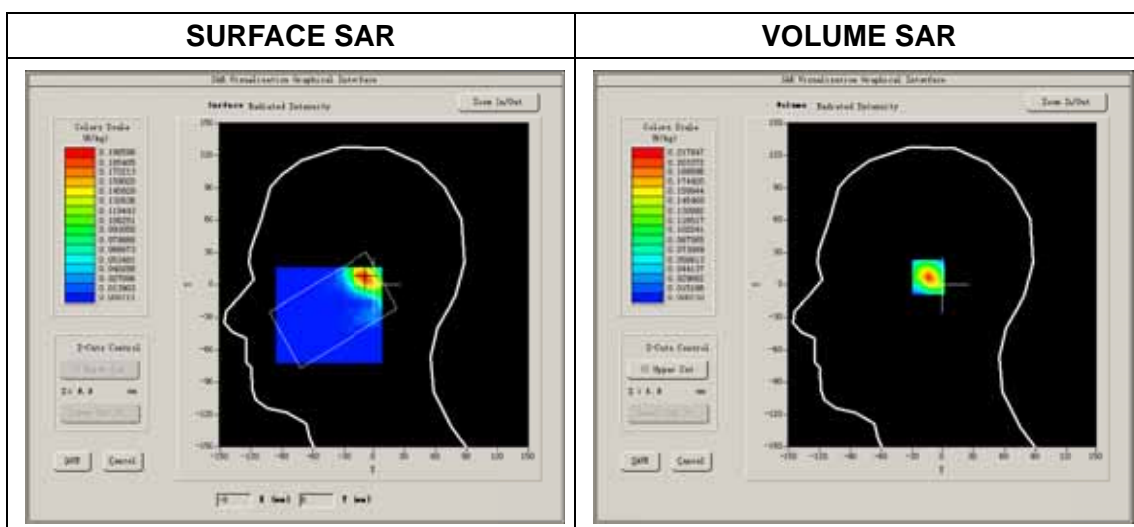
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

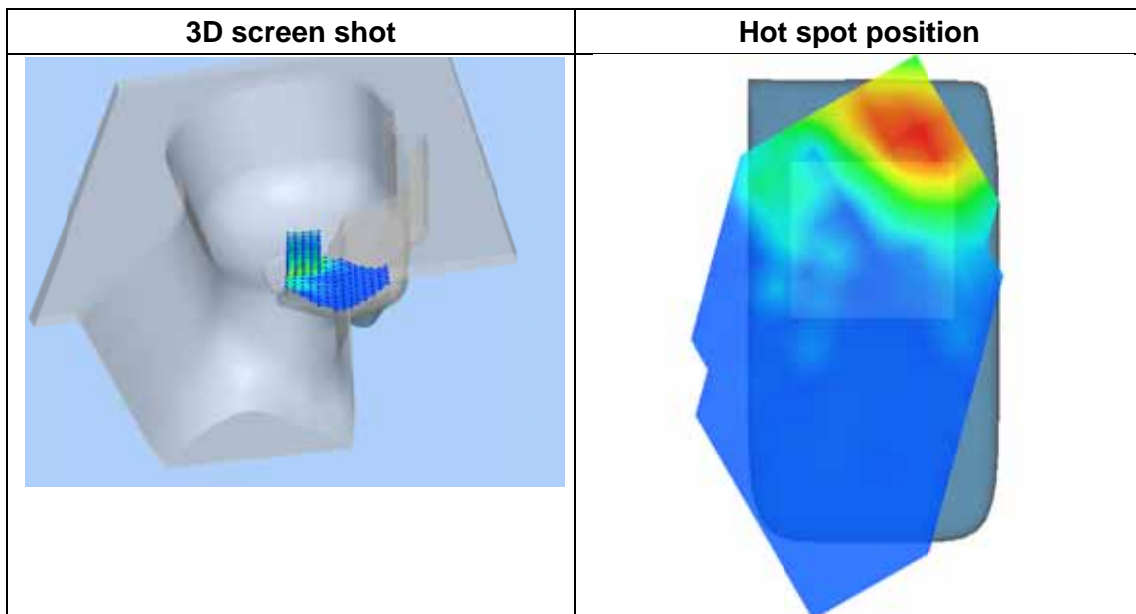
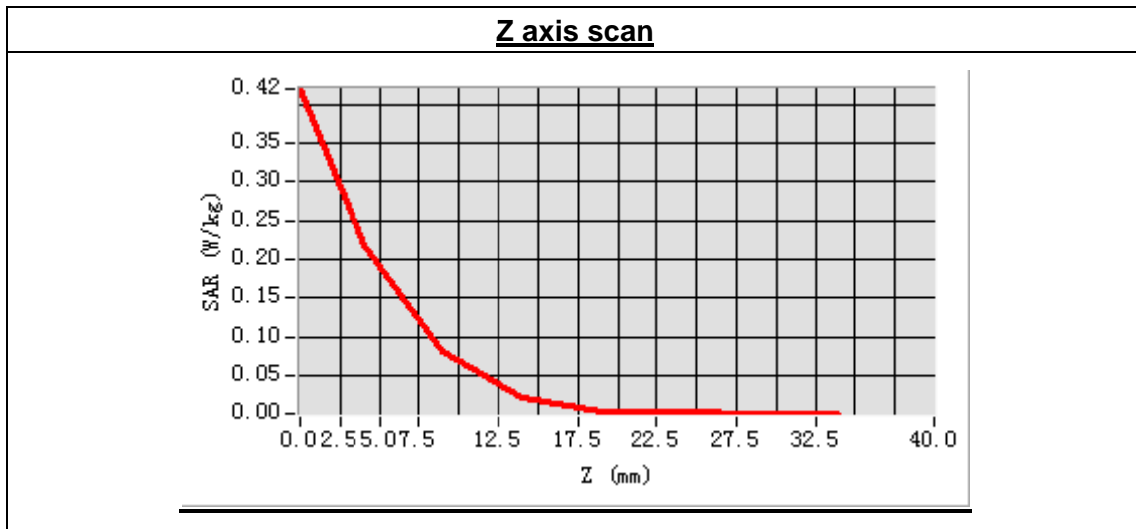
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	1.730000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-9.00, Y=7.00  
 SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.079440
SAR 1g (W/Kg)	0.204394



**MEASUREMENT 54**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 38 seconds

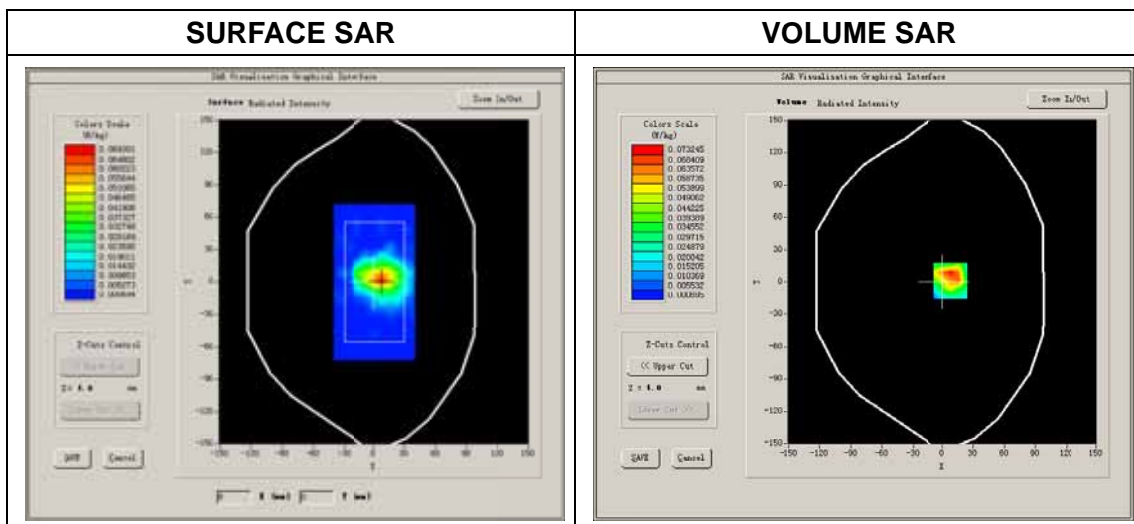
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

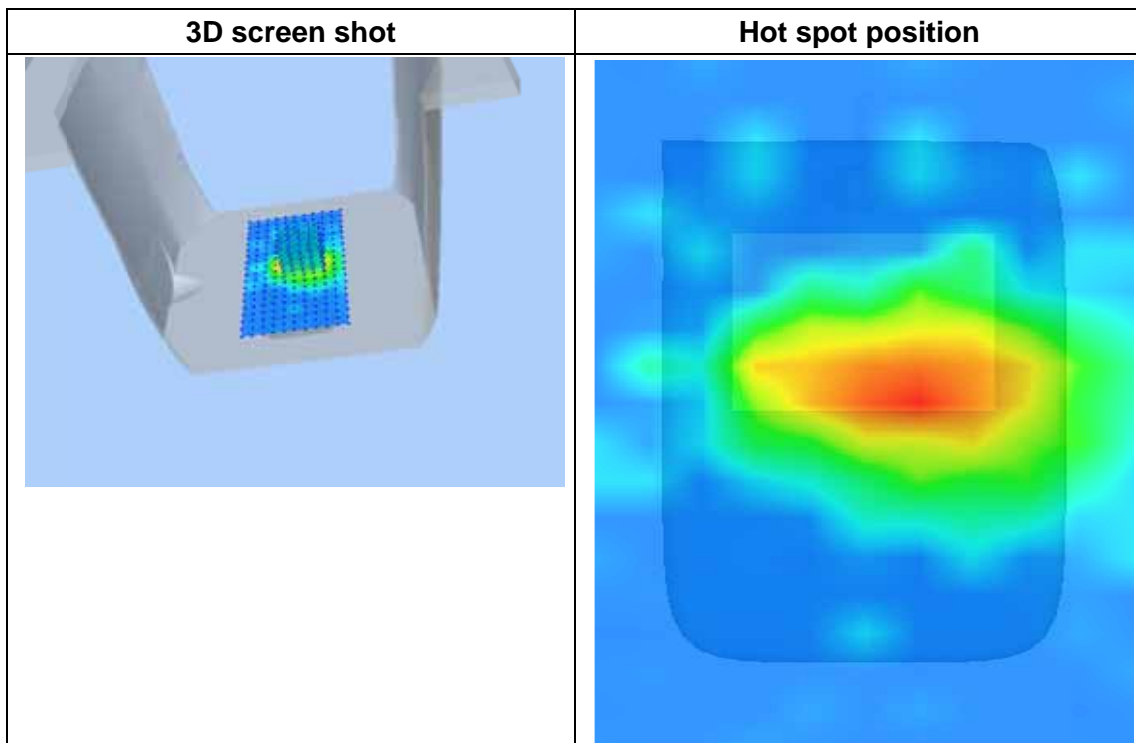
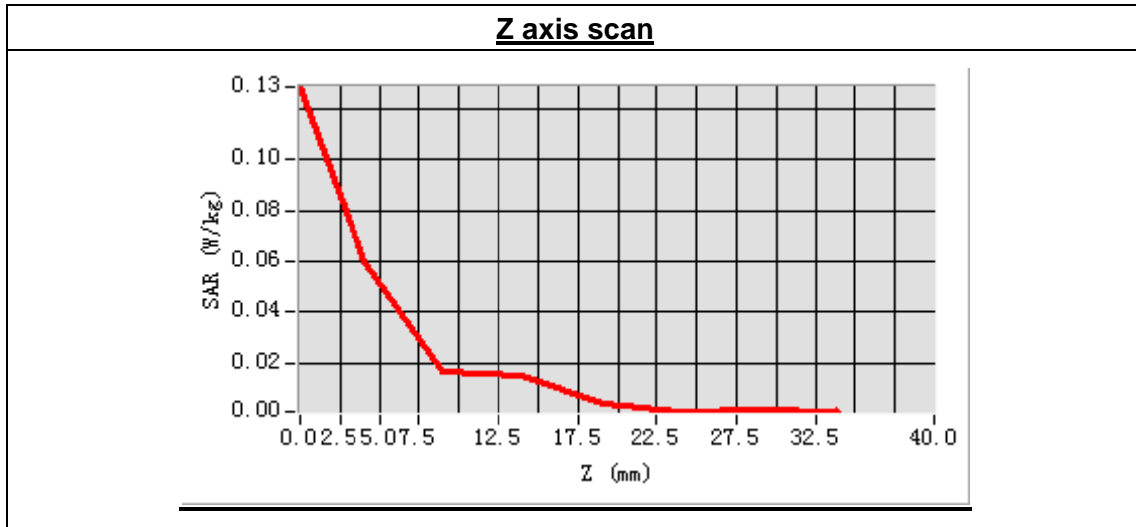
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	3.010000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=8.00, Y=1.00  
 SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.028961
SAR 1g (W/Kg)	0.078295



**MEASUREMENT 55**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 31 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>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

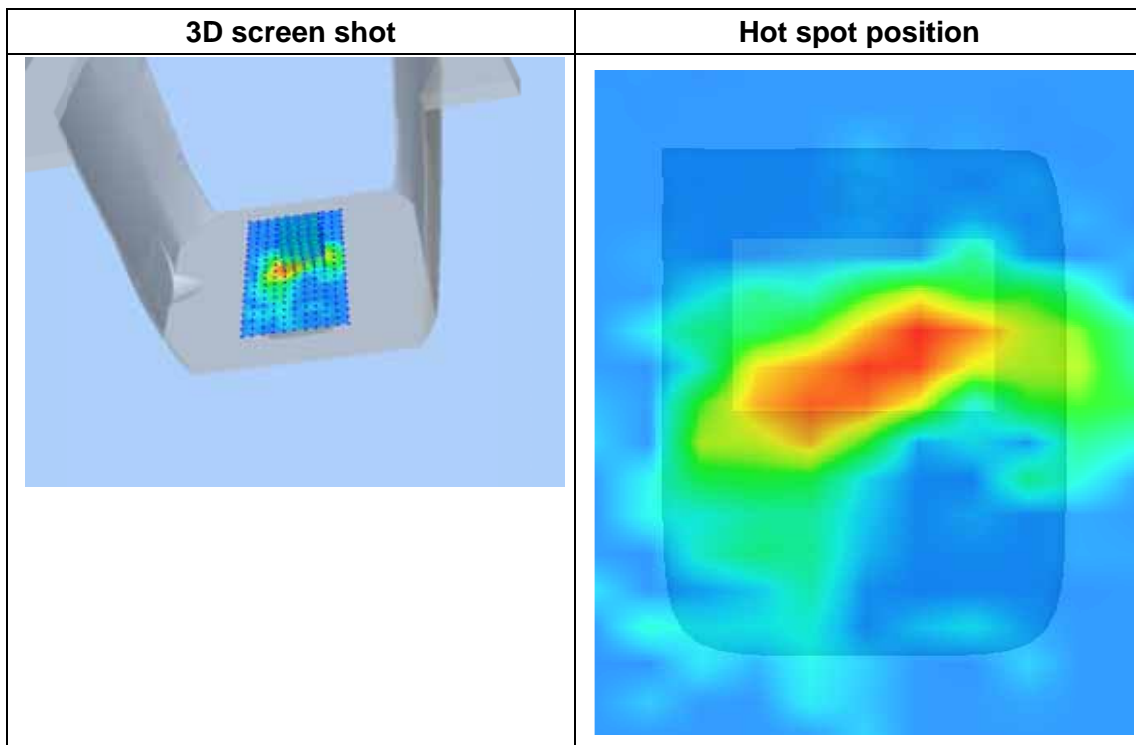
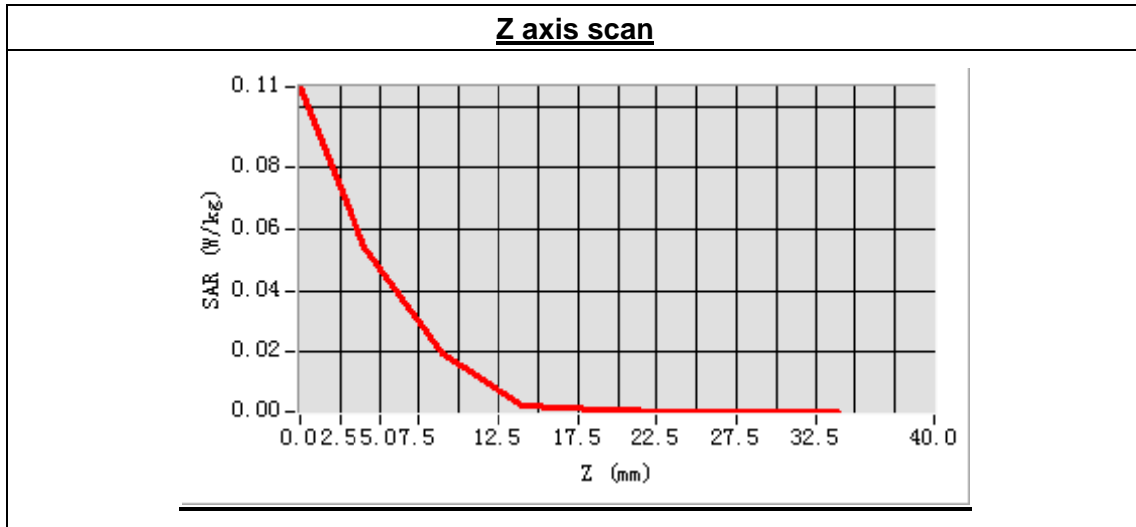
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	3.960000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=8.00, Y=14.00  
 SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.022544
SAR 1g (W/Kg)	0.059671



**MEASUREMENT 56**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 33 seconds

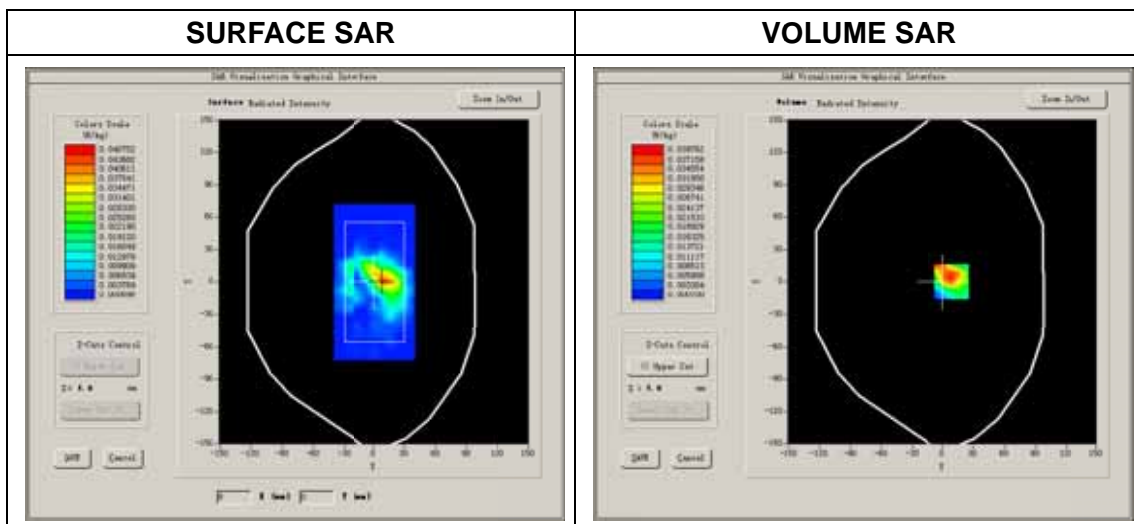
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

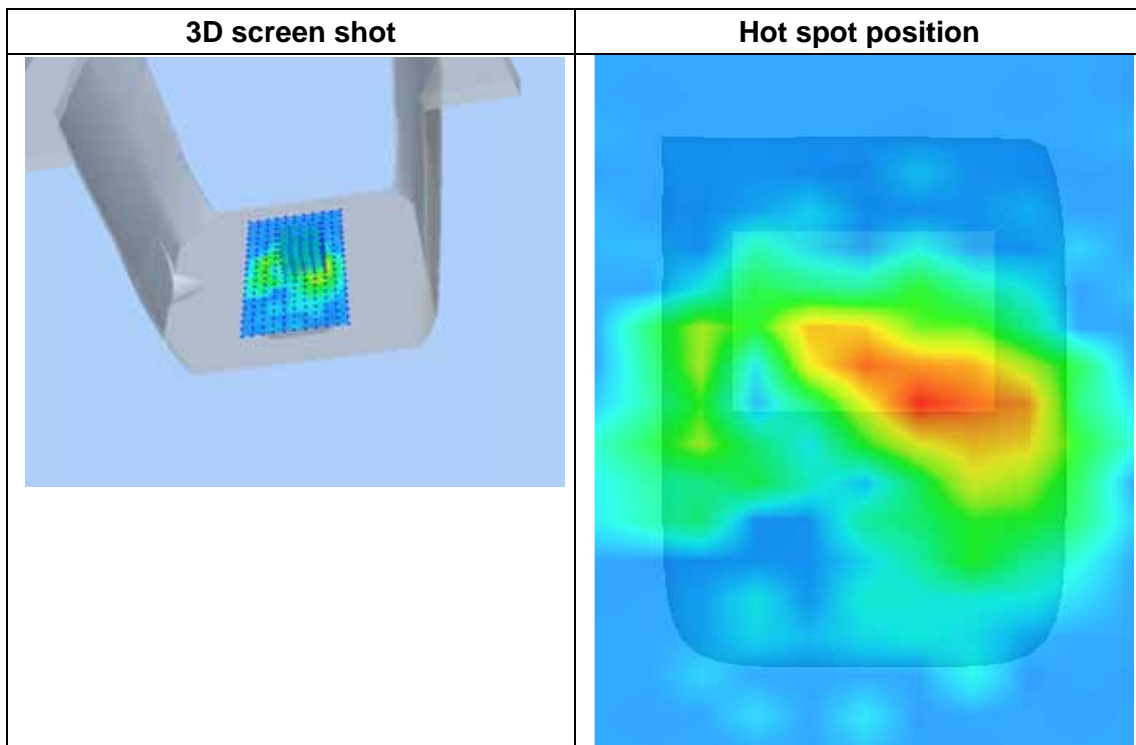
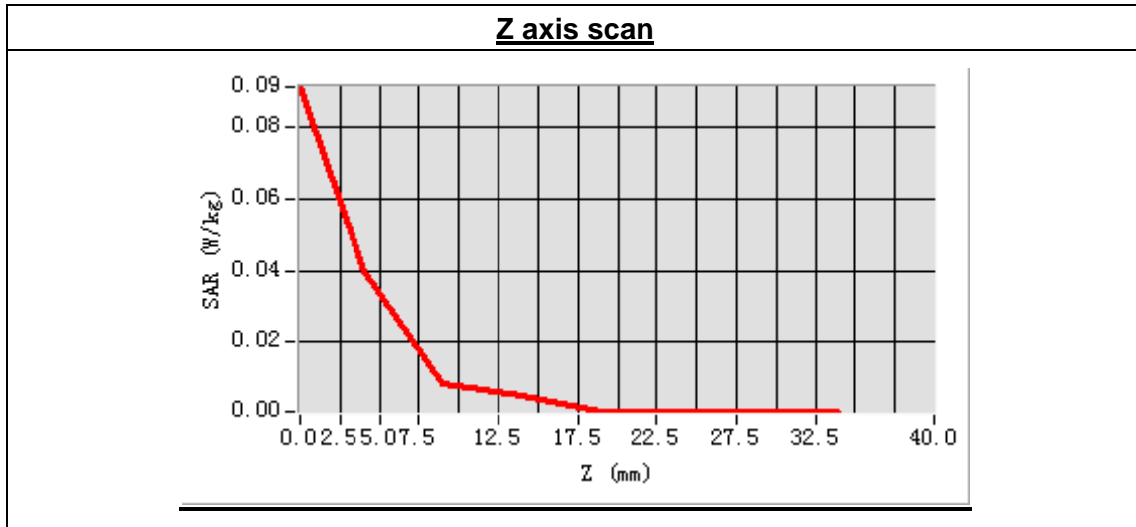
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	3.600000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=9.00, Y=0.00  
 SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.017113
SAR 1g (W/Kg)	0.044708





**MEASUREMENT 57**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 10 seconds

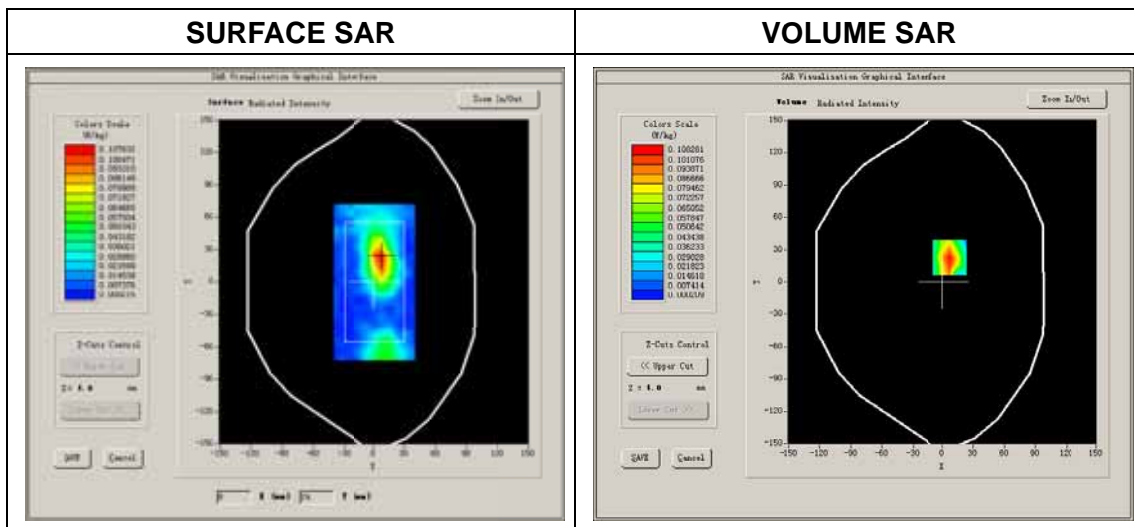
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

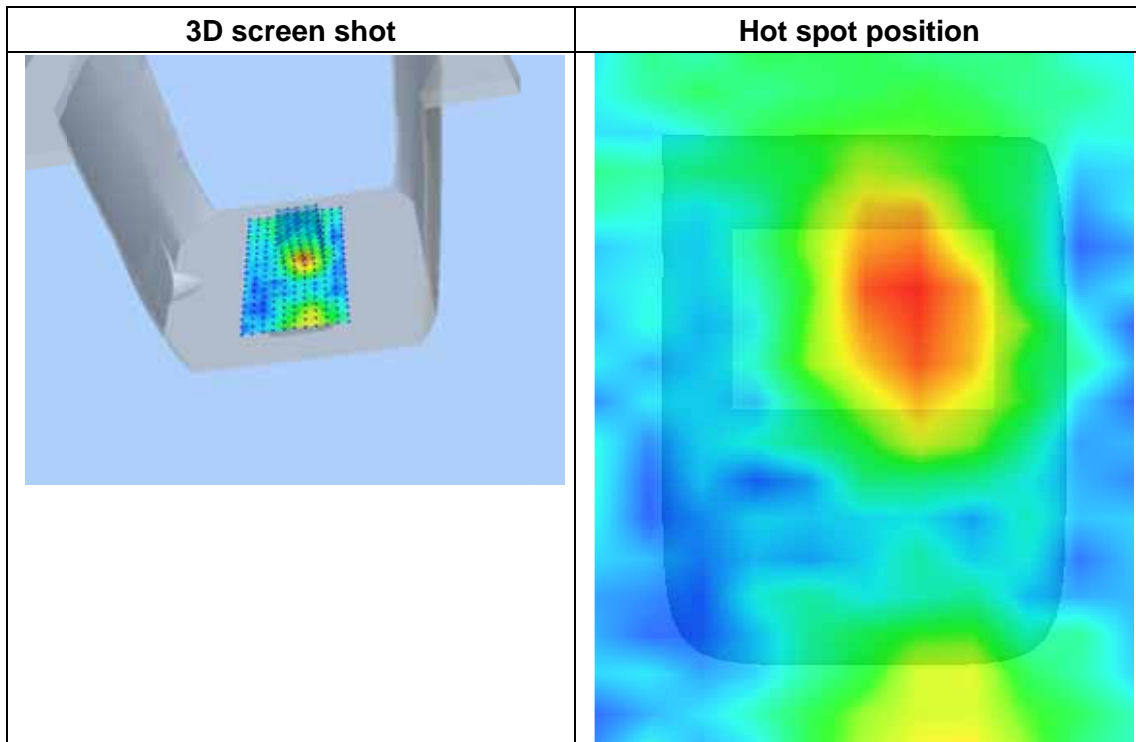
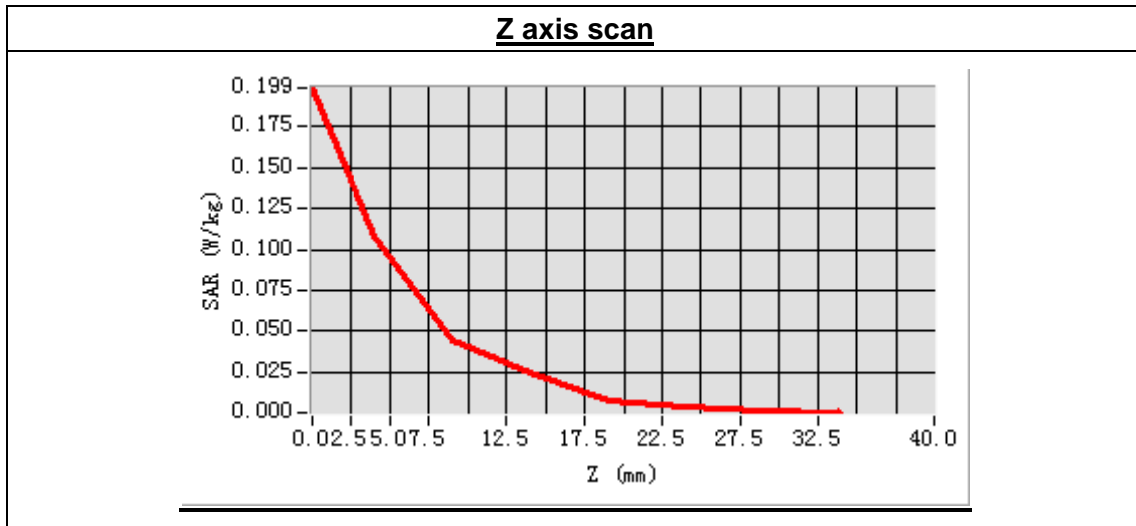
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	2.920000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=7.00, Y=23.00  
 SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.048432
SAR 1g (W/Kg)	0.107119



**MEASUREMENT 58**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 7 minutes 55 seconds

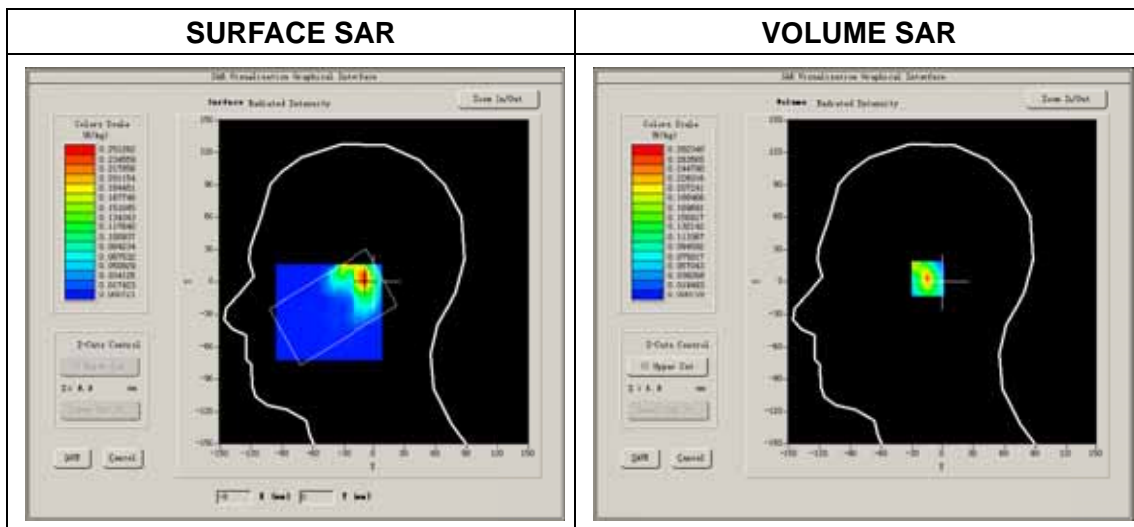
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

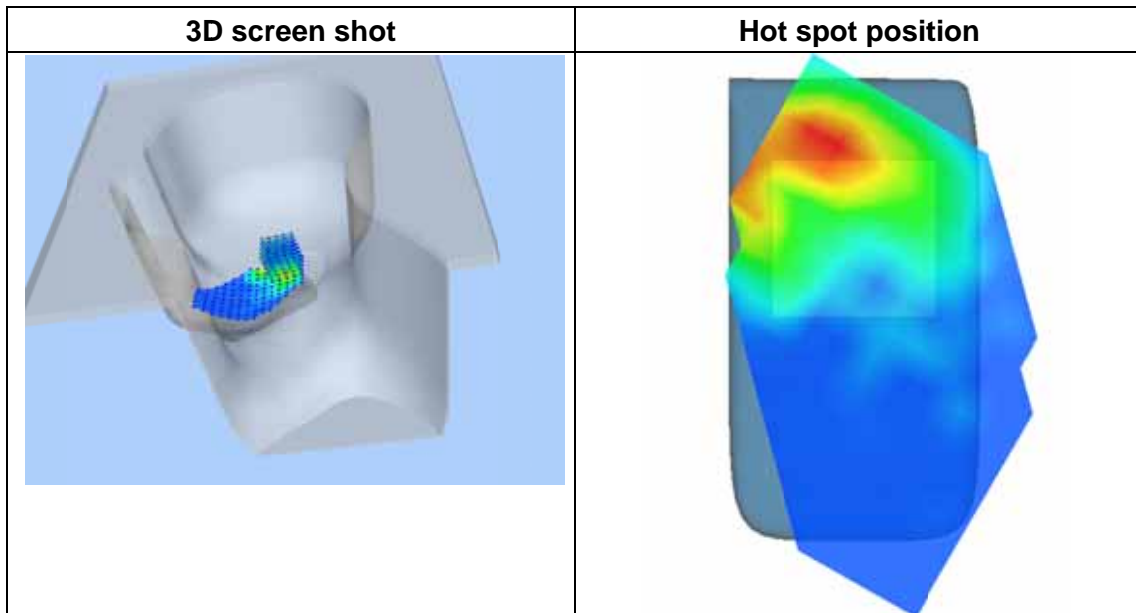
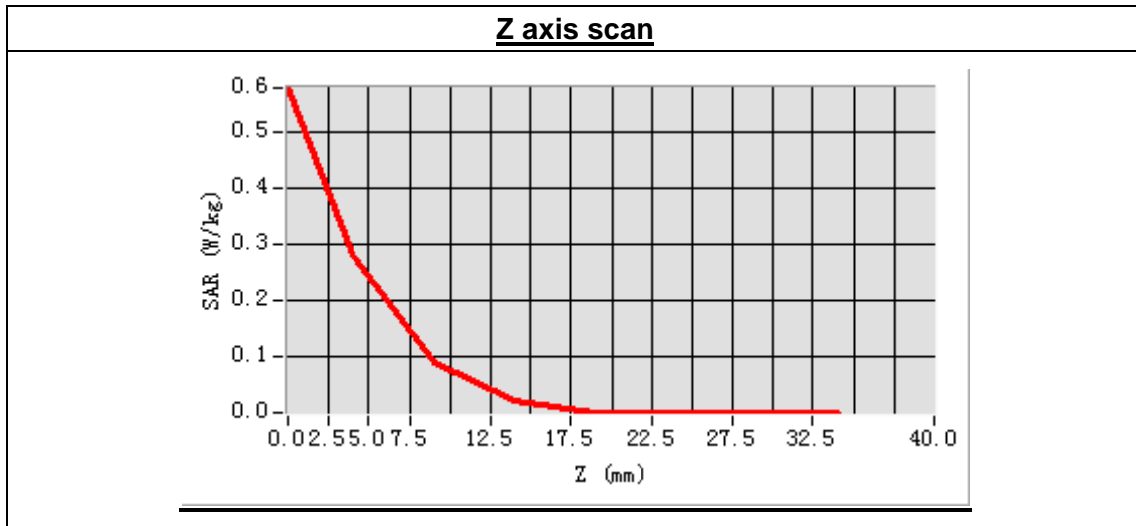
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	4.010000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-9.00, Y=3.00  
 SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.088044
SAR 1g (W/Kg)	0.248171



**MEASUREMENT 59**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 7 minutes 57 seconds

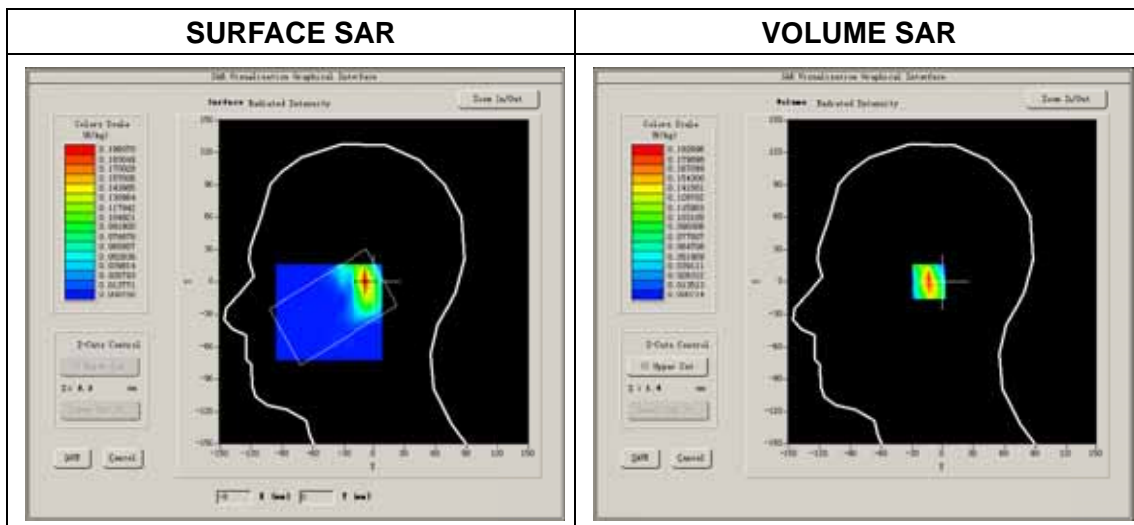
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

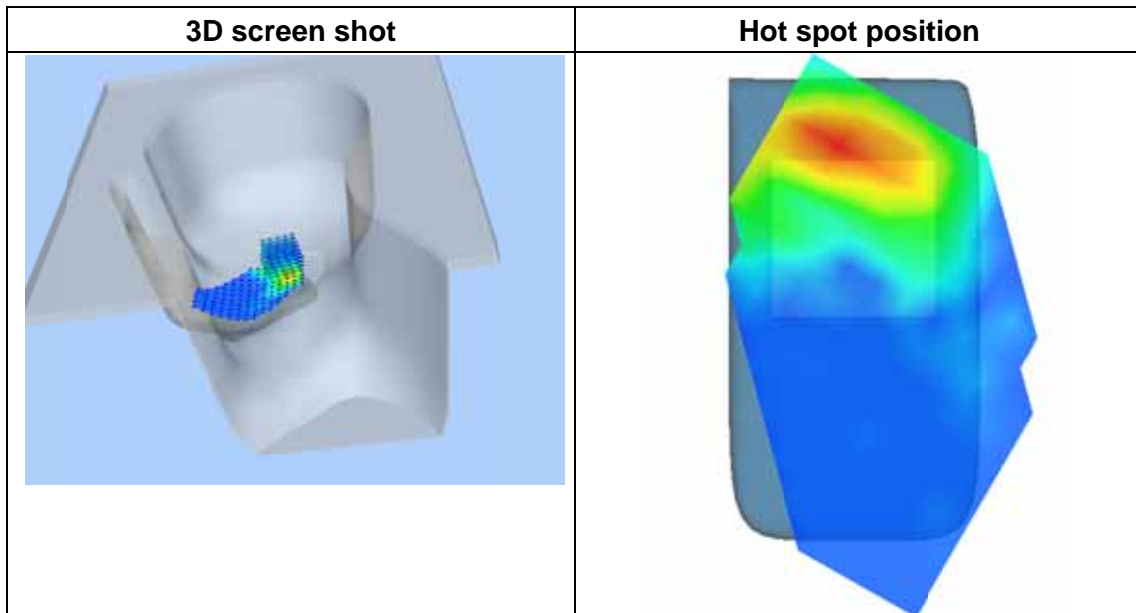
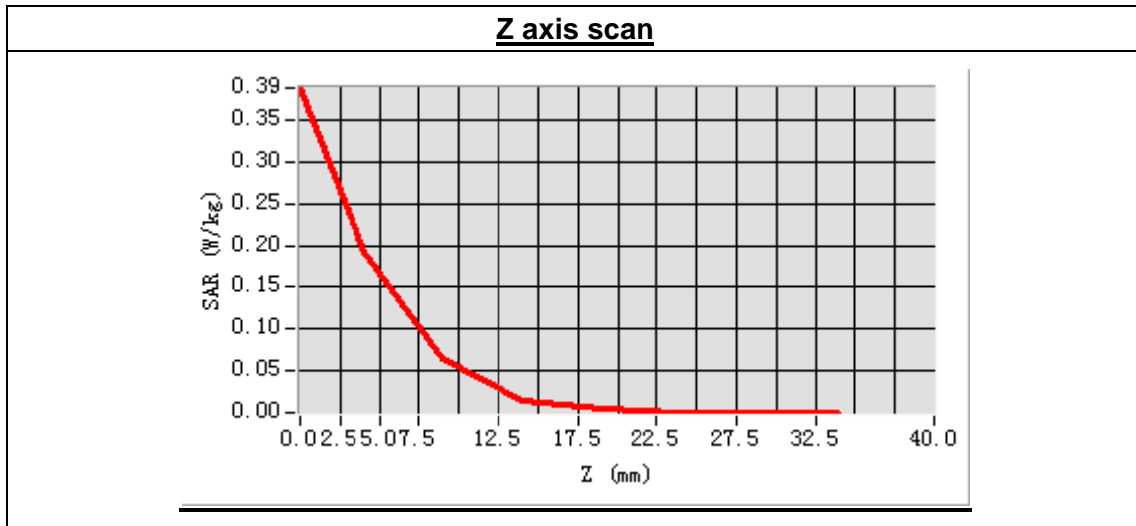
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-3.480000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-8.00, Y=0.00  
 SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.066446
SAR 1g (W/Kg)	0.182362



**MEASUREMENT 60**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 0 seconds

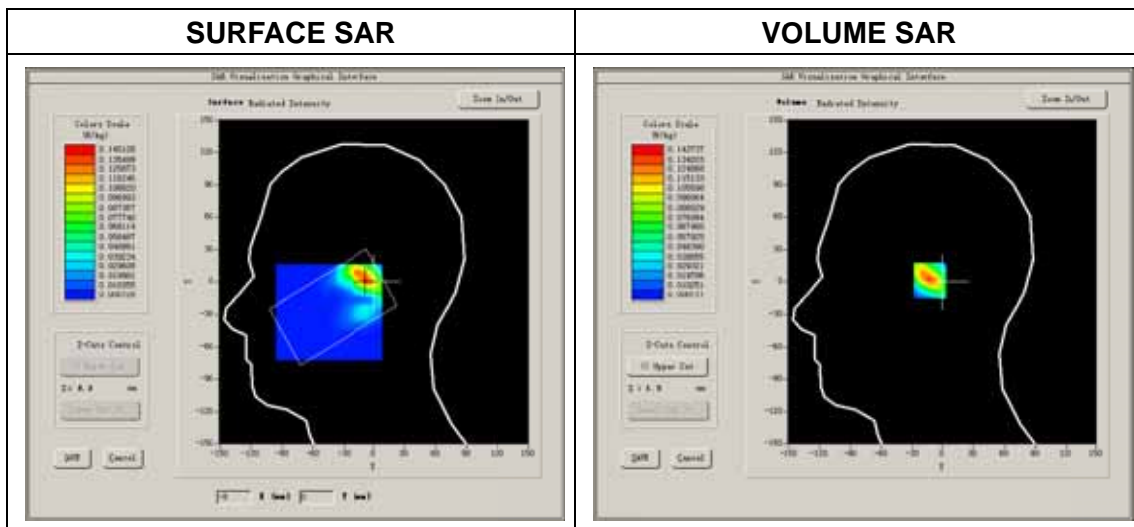
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

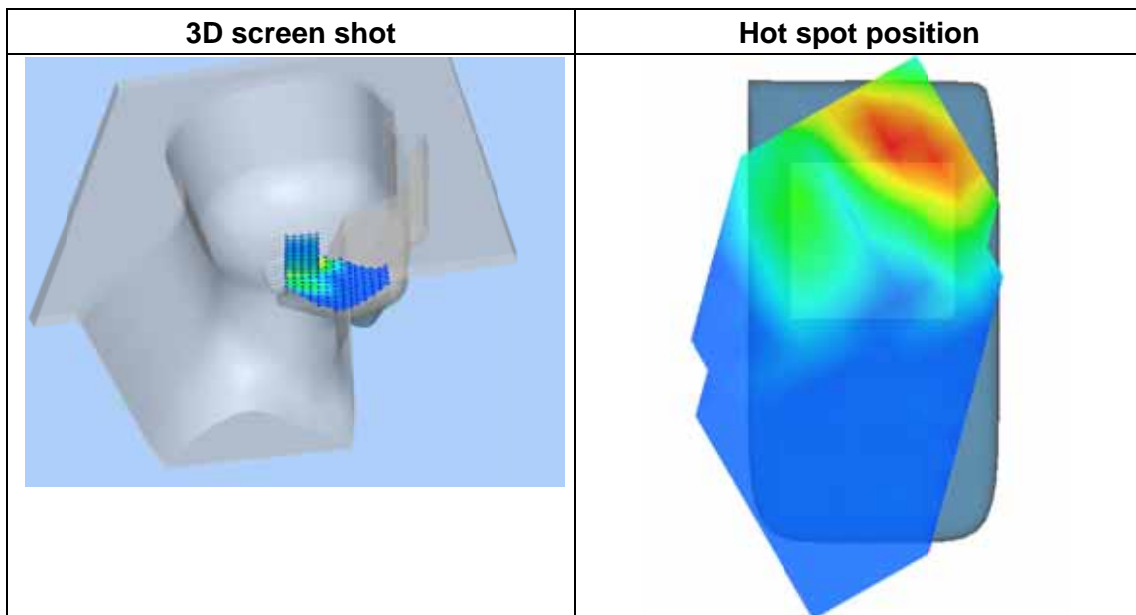
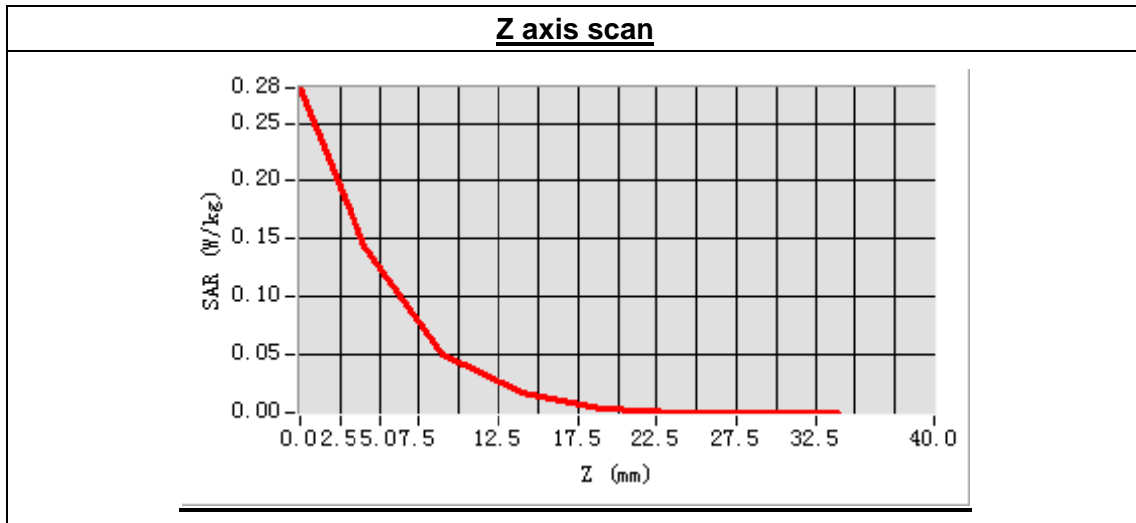
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-2.770000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-7.00, Y=1.00  
 SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.054030
SAR 1g (W/Kg)	0.134855





**MEASUREMENT 61**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 7 minutes 47 seconds

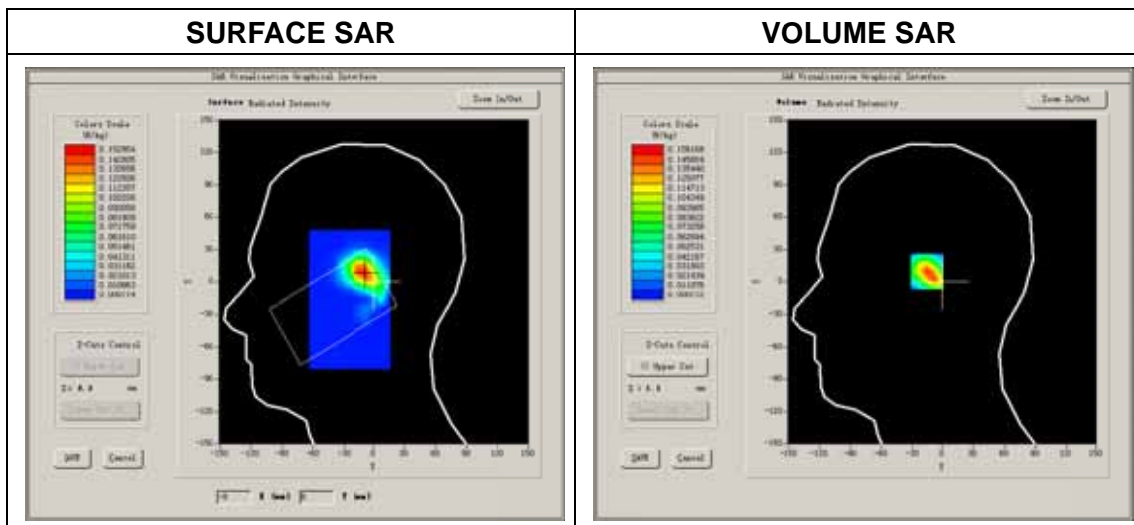
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

Low Band SAR (Channel 1)

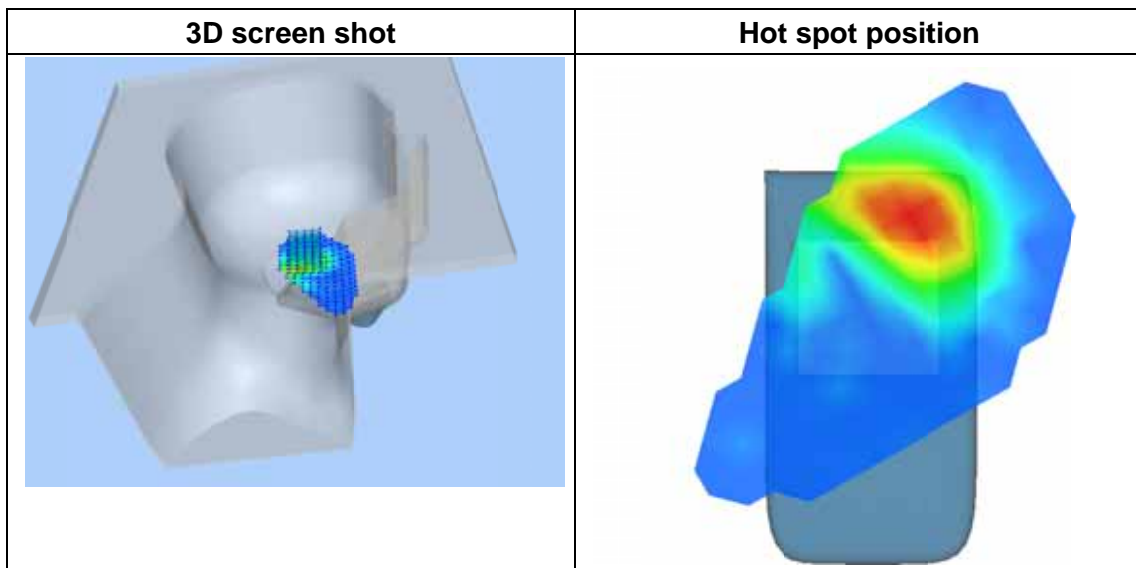
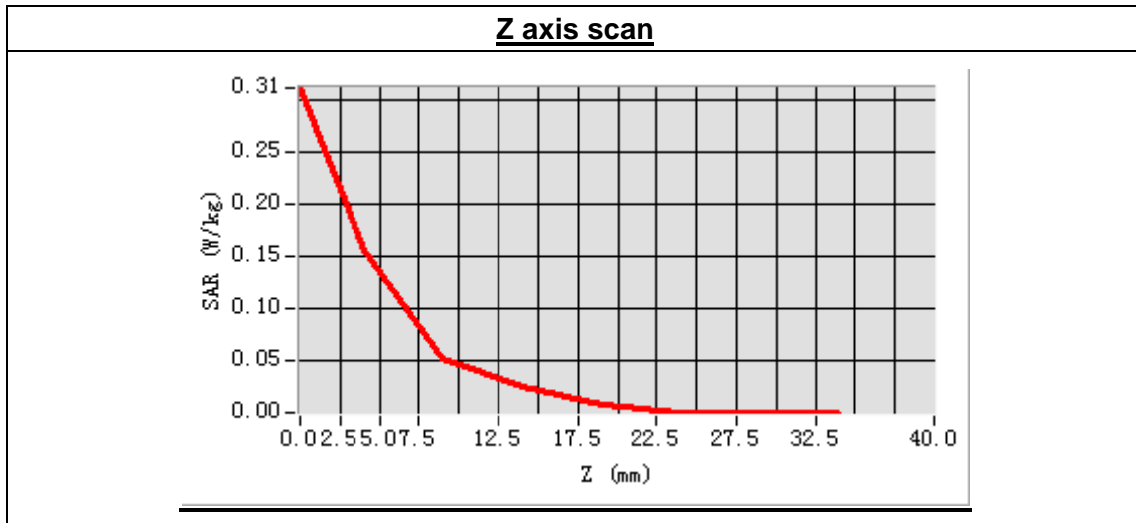
<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-1.170000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-11.00, Y=10.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.059158
SAR 1g (W/Kg)	0.150189



**MEASUREMENT 62**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 31 seconds

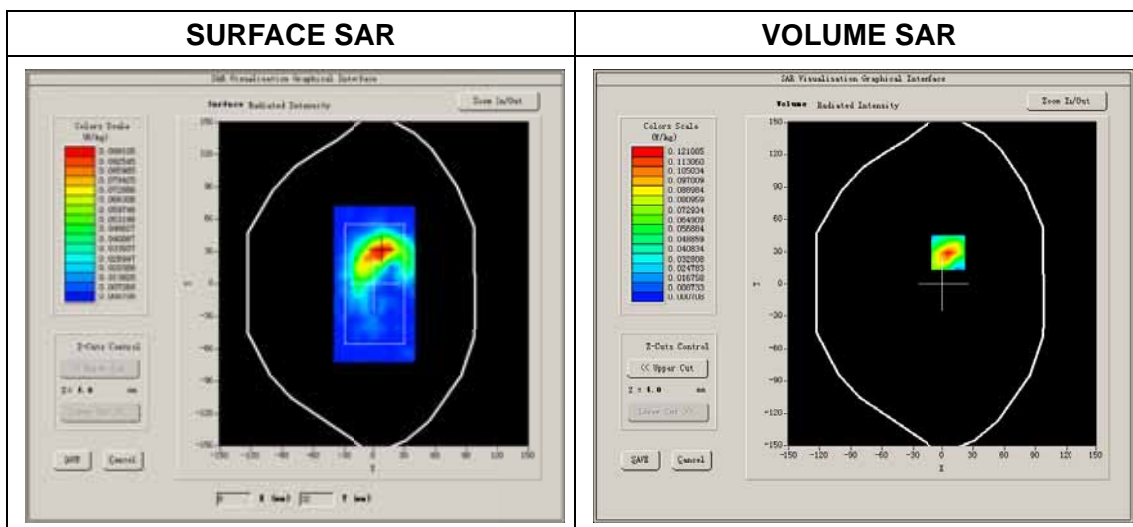
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

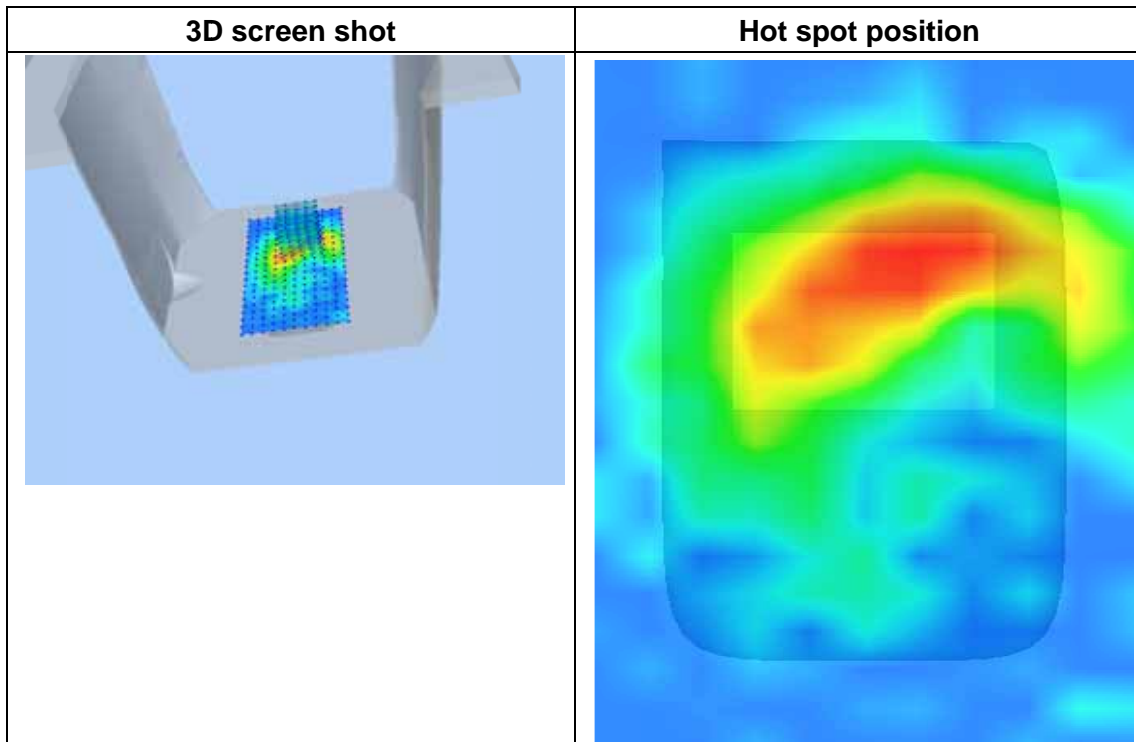
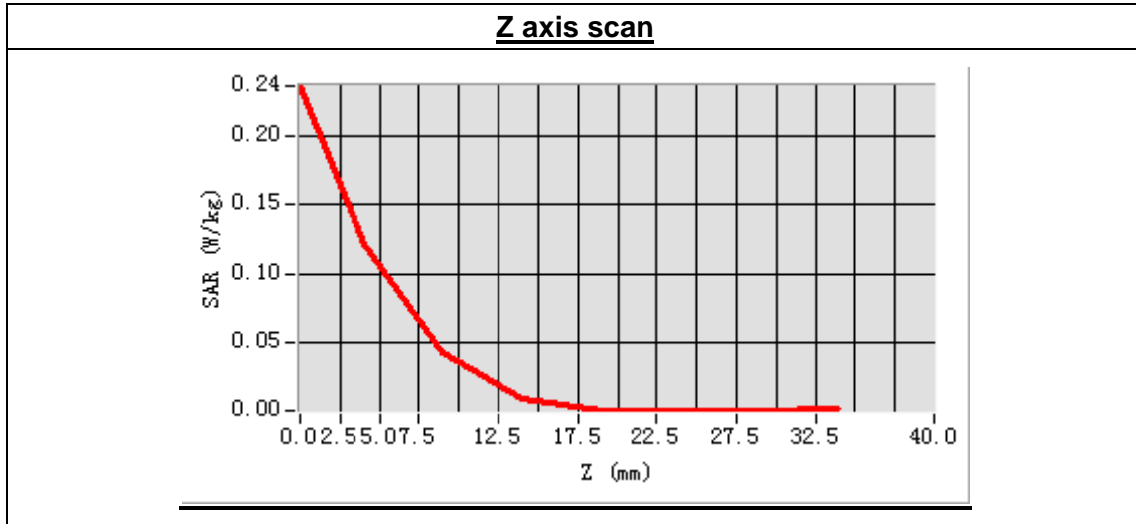
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	-3.620000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=6.00, Y=29.00  
 SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.043277
SAR 1g (W/Kg)	0.112544



**MEASUREMENT 63**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 31 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>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

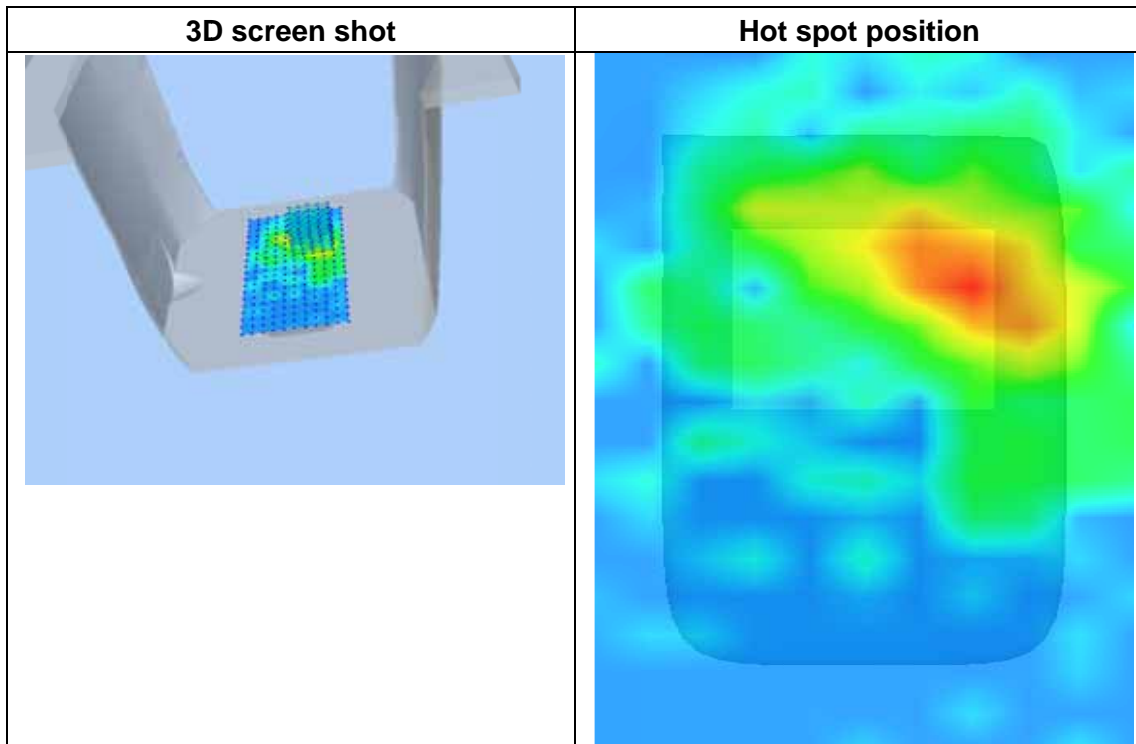
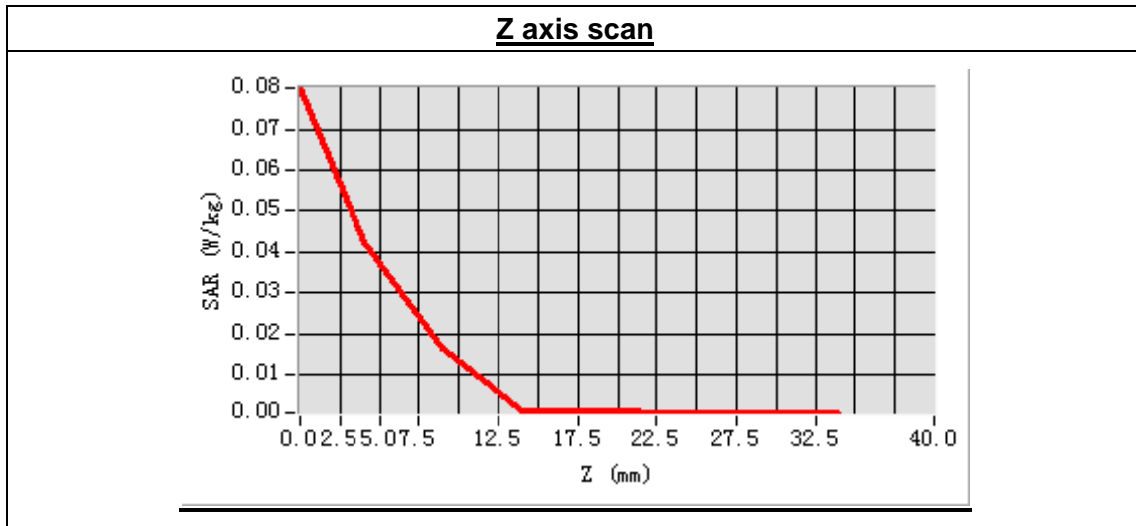
Low Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	-2.910000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=16.00, Y=24.00  
 SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.016873
SAR 1g (W/Kg)	0.040834



**MEASUREMENT 64**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

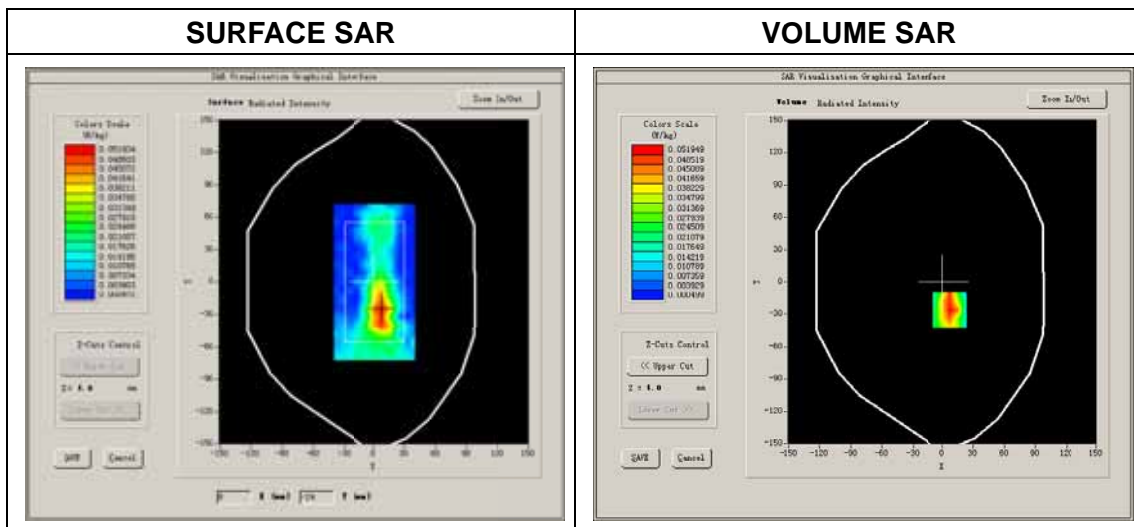
Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

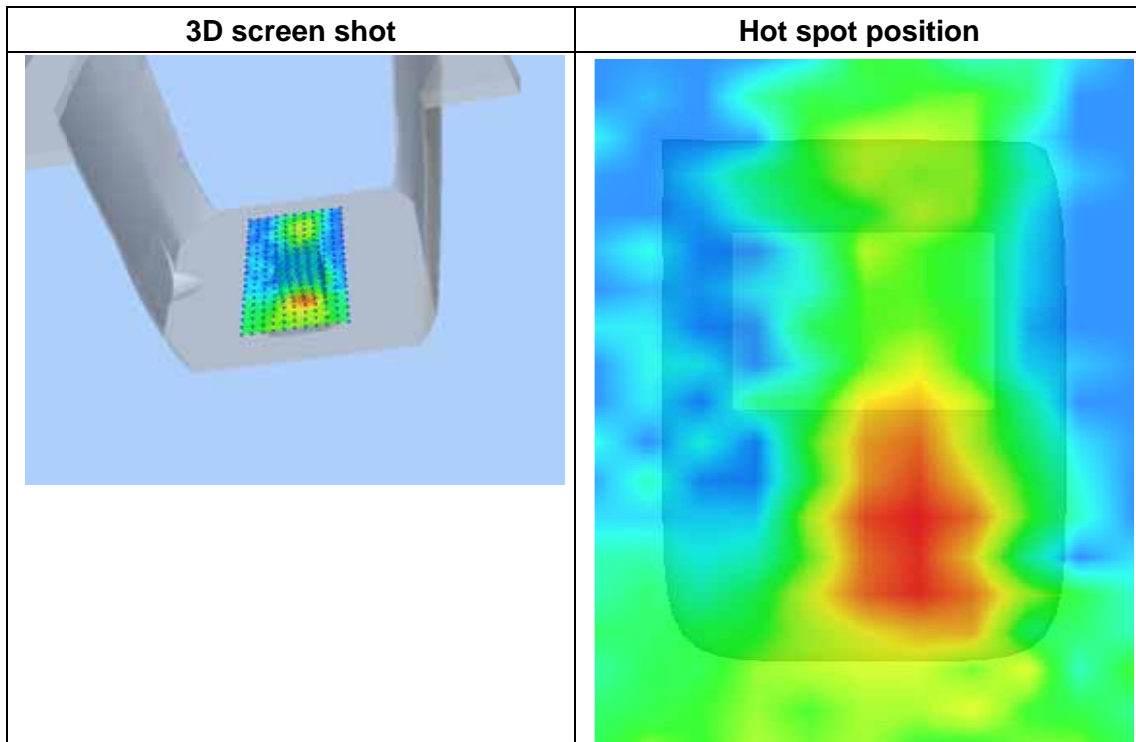
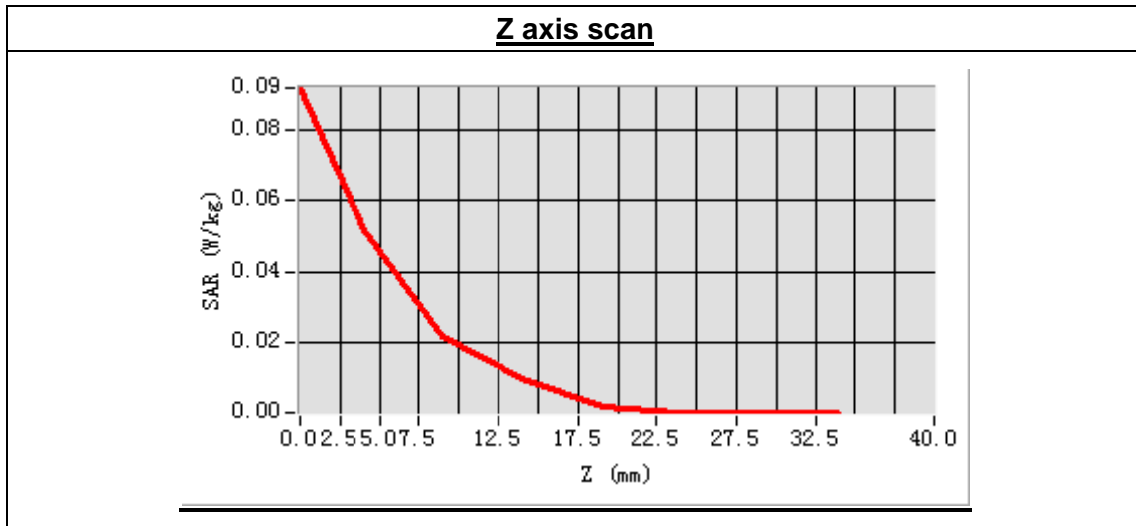
**B. SAR Measurement Results**
**Low Band SAR (Channel 1)**

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	2.610000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=7.00, Y=-26.00  
 SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.024332
SAR 1g (W/Kg)	0.053611





**MEASUREMENT 65**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 9 minutes 31 seconds

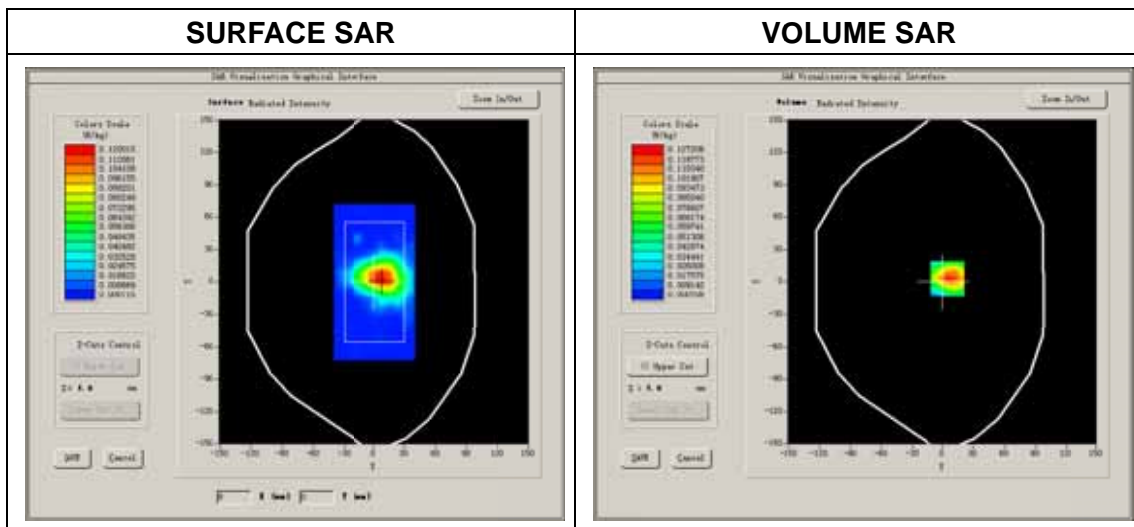
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	802.11n
<b>Channels</b>	Low
<b>Signal</b>	OFDM

**B. SAR Measurement Results**

Low Band SAR (Channel 1)

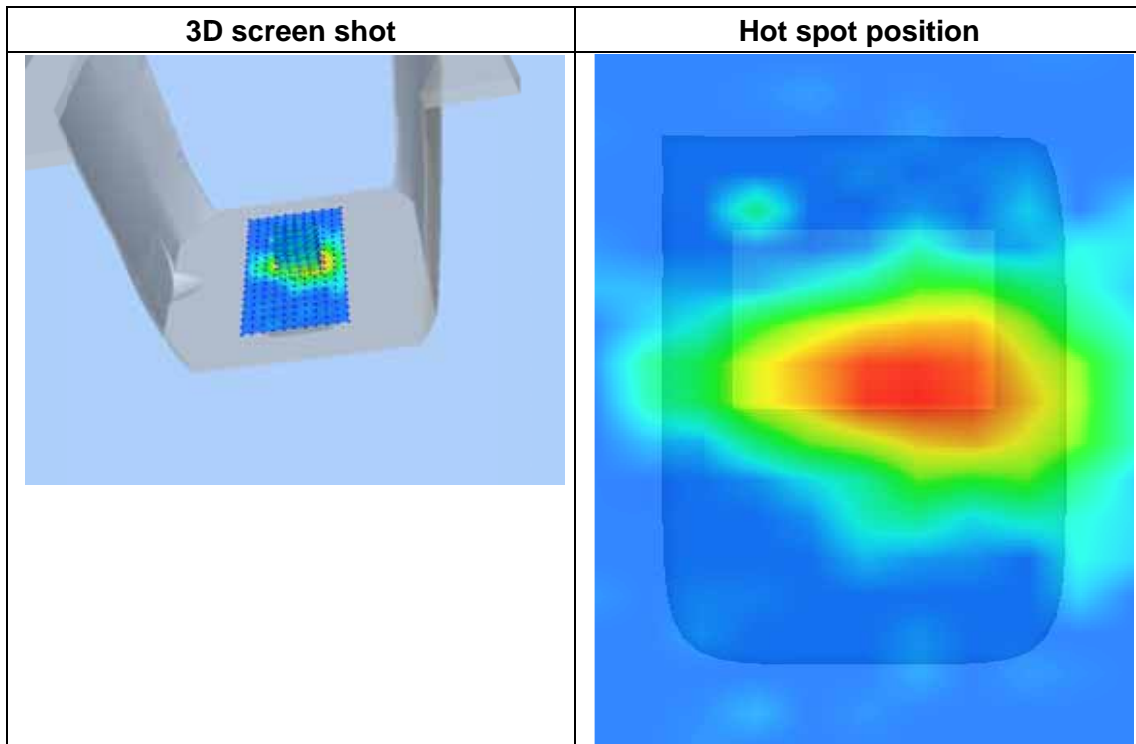
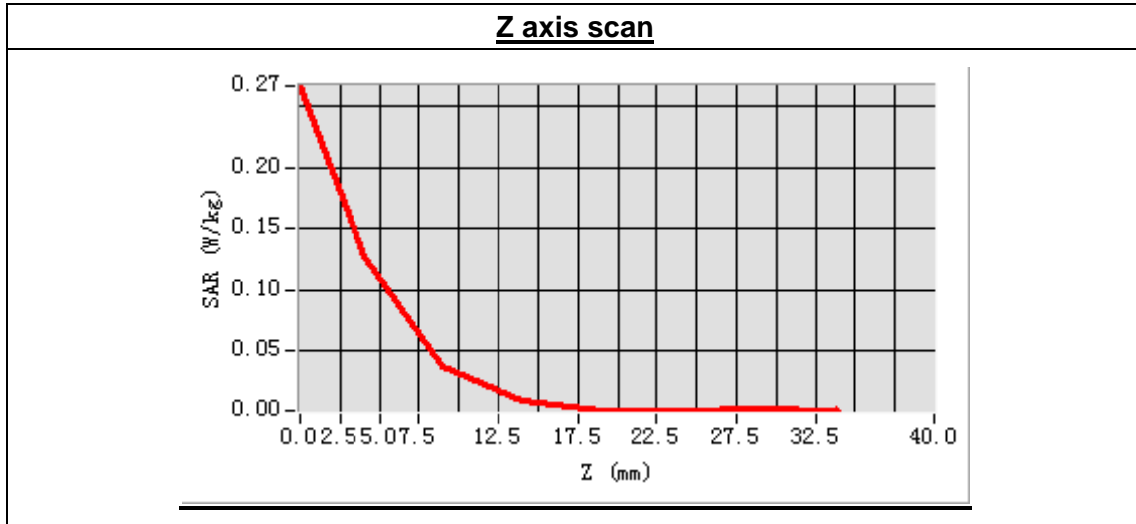
<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.473812
<b>Conductivity (S/m)</b>	1.886724
<b>Power drift (%)</b>	0.210000
<b>Ambient Temperature:</b>	22.0°C
<b>Liquid Temperature:</b>	21.8°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1



Maximum location: X=5.00, Y=3.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.049732
SAR 1g (W/Kg)	0.122735



**MEASUREMENT 66**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 5 seconds

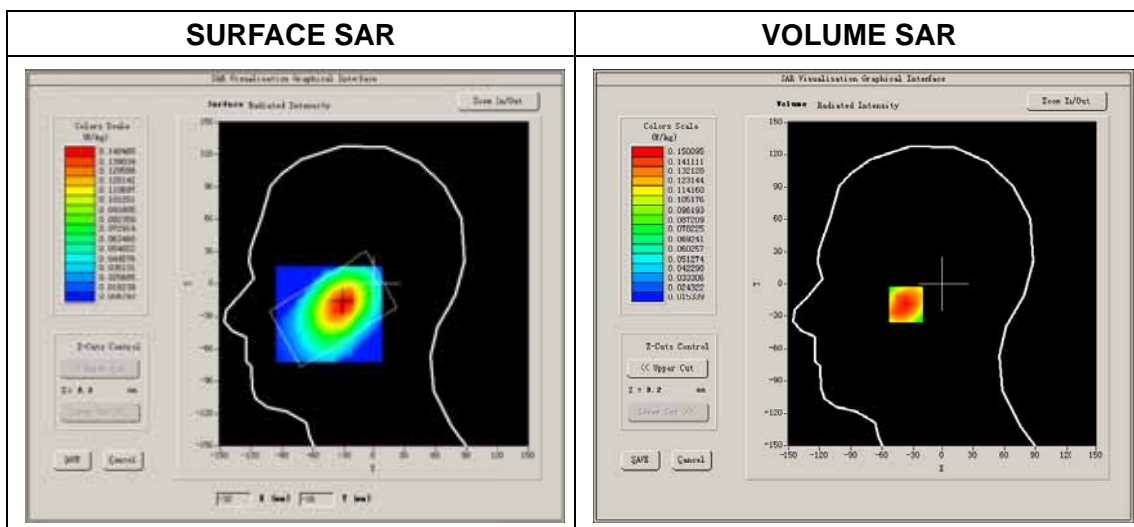
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	Bluetooth
<b>Channels</b>	Middle
<b>Signal</b>	8-DPSK

**B. SAR Measurement Results**

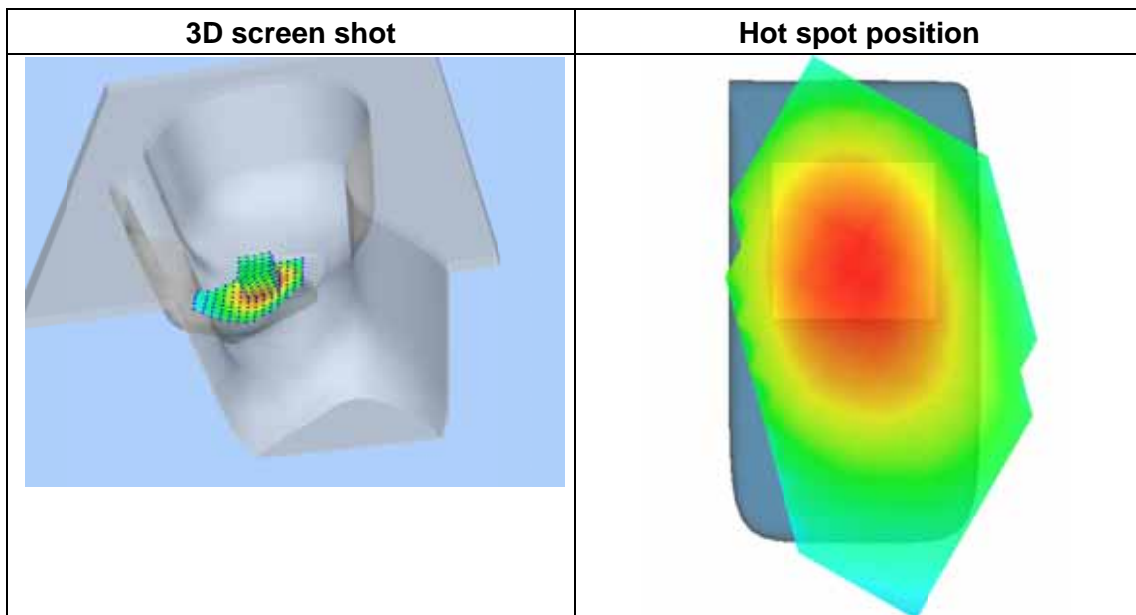
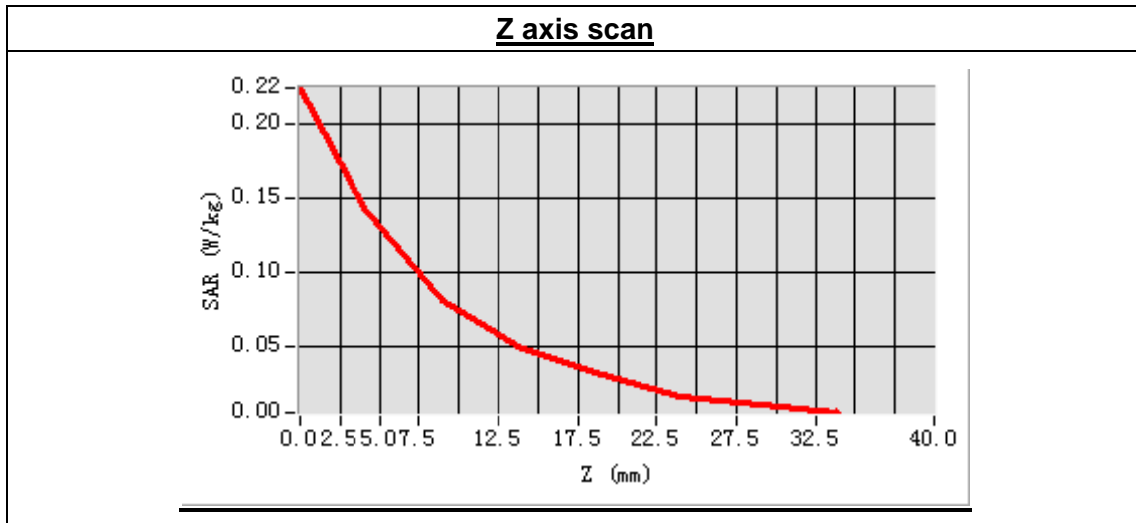
Middle Band SAR (Channel 39)

<b>Frequency (MHz)</b>	2441.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-0.780000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-32.00, Y=-19.00  
 SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.101370
SAR 1g (W/Kg)	0.139237



**MEASUREMENT 67**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 15 seconds

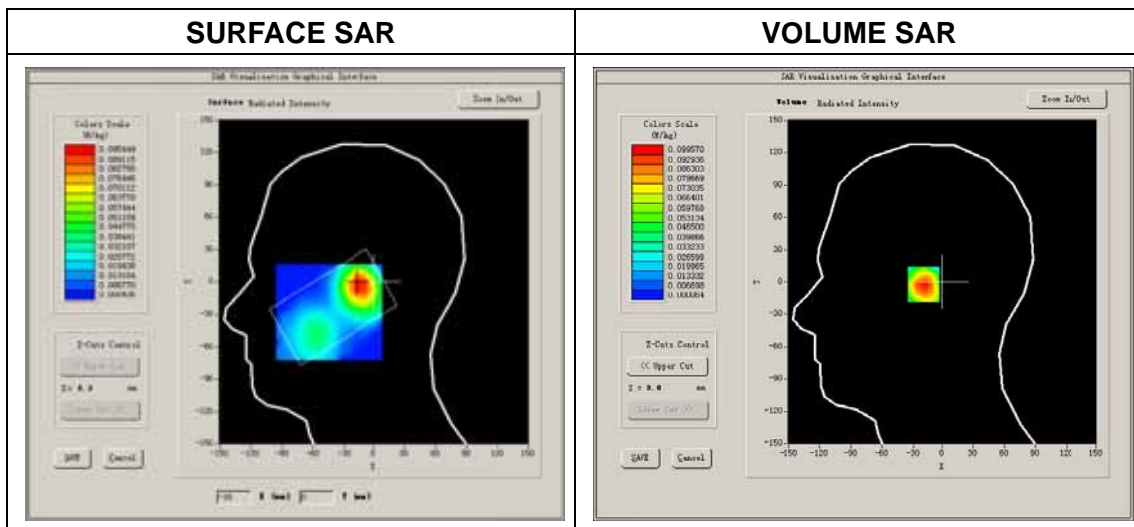
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	Bluetooth
<b>Channels</b>	Middle
<b>Signal</b>	8-DPSK

**B. SAR Measurement Results**

Middle Band SAR (Channel 39)

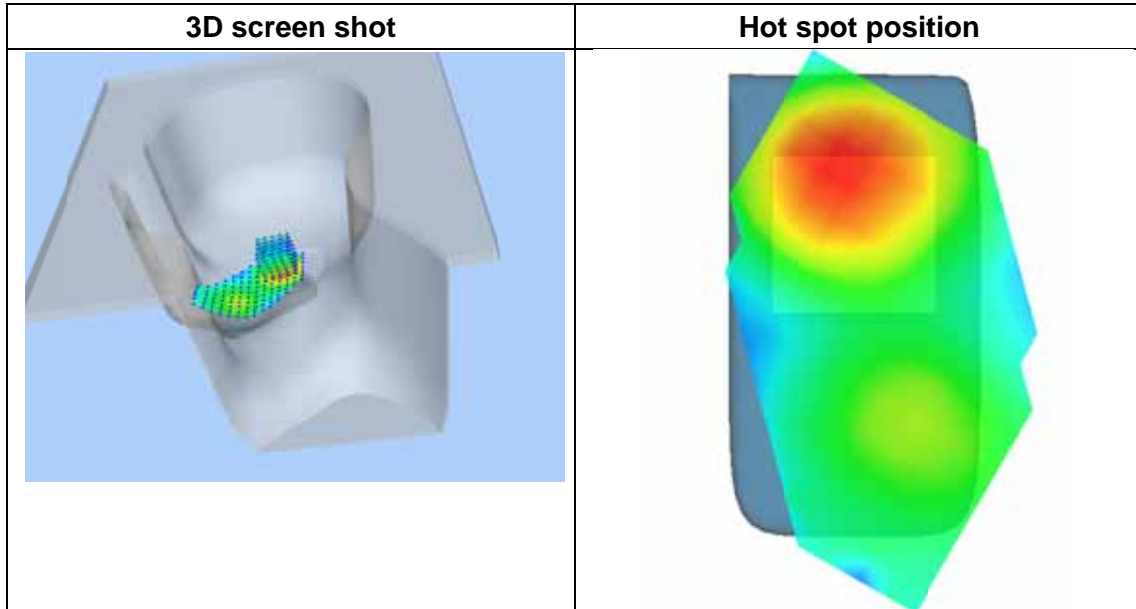
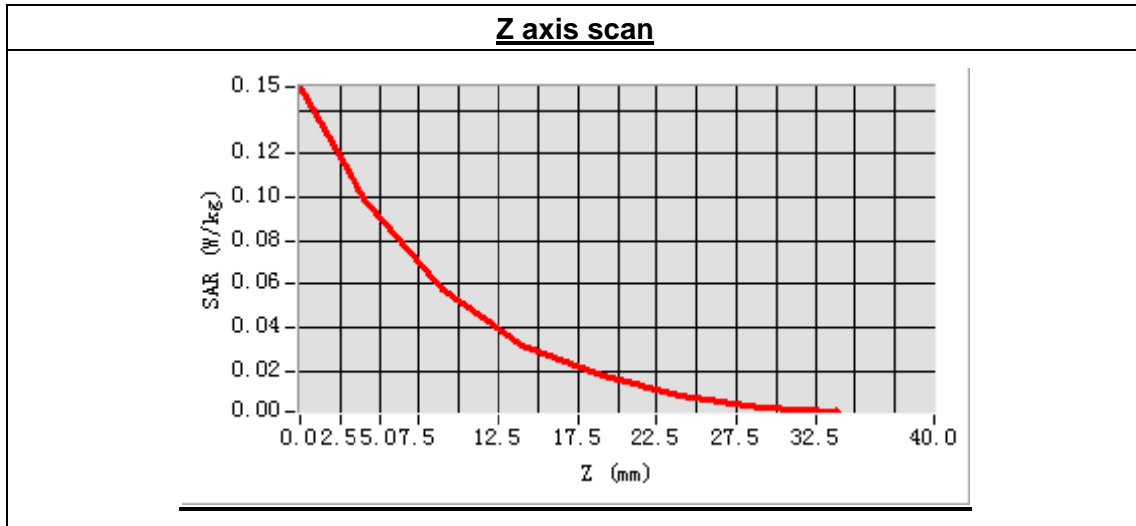
<b>Frequency (MHz)</b>	2441.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	4.620000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-14.00, Y=-2.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.050843
SAR 1g (W/Kg)	0.095148



**MEASUREMENT 68**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 24 seconds

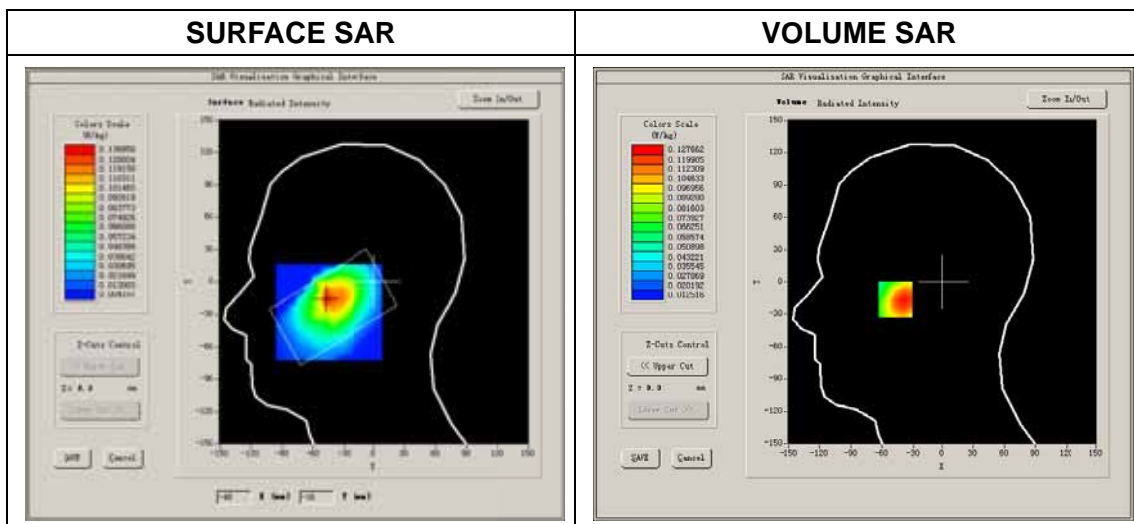
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	Bluetooth
<b>Channels</b>	Middle
<b>Signal</b>	8-DPSK

**B. SAR Measurement Results**

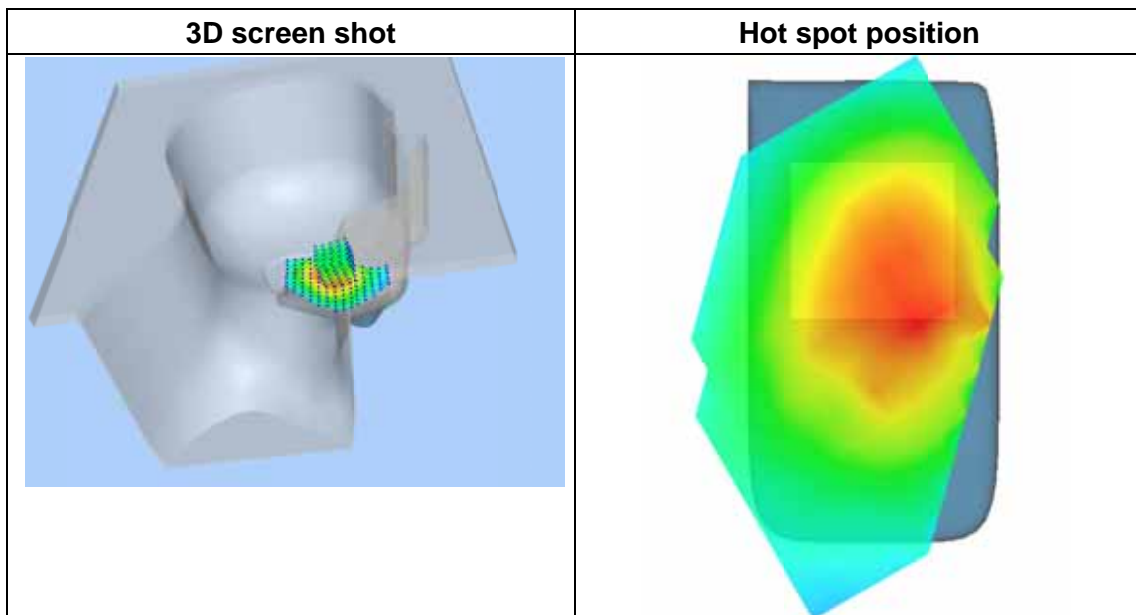
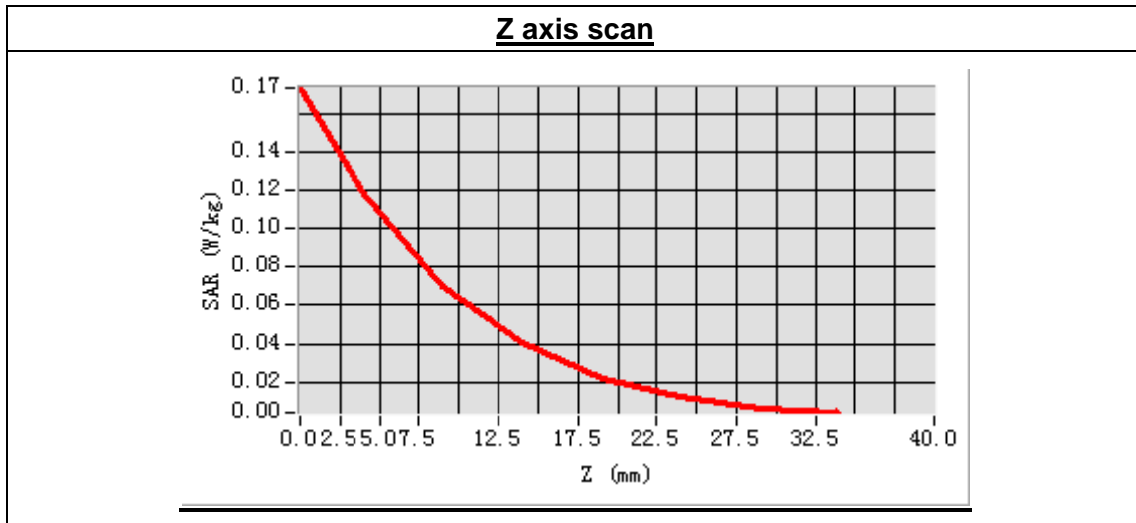
Middle Band SAR (Channel 39)

<b>Frequency (MHz)</b>	2441.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-1.260000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-47.00, Y=-15.00  
 SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.083750
SAR 1g (W/Kg)	0.113260





**MEASUREMENT 69**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.3.20

Measurement duration: 8 minutes 3 seconds

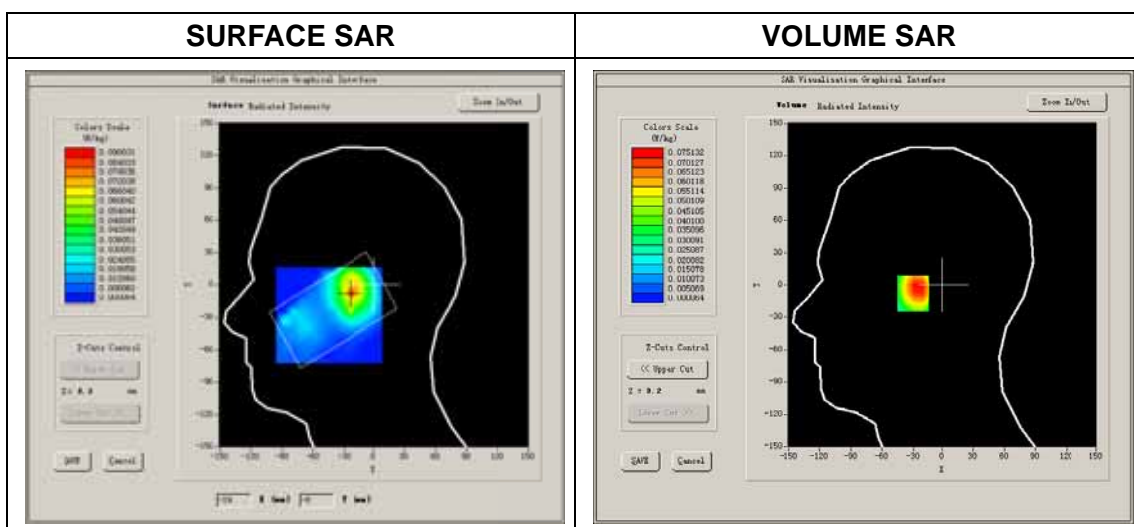
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	Bluetooth
<b>Channels</b>	Middle
<b>Signal</b>	8-DPSK

**B. SAR Measurement Results**

Middle Band SAR (Channel 39)

<b>Frequency (MHz)</b>	2441.000000
<b>Relative permittivity (real part)</b>	39.120846
<b>Conductivity (S/m)</b>	1.782605
<b>Power drift (%)</b>	-1.460000
<b>Ambient Temperature:</b>	22.3°C
<b>Liquid Temperature:</b>	21.5°C
<b>ConvF:</b>	4.80
<b>Crest factor:</b>	1:1



Maximum location: X=-24.00, Y=-8.00  
 SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.038914
SAR 1g (W/Kg)	0.072512

