

**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: 2016.04.27  
 Measurement duration: 9 minutes 13 second

**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):

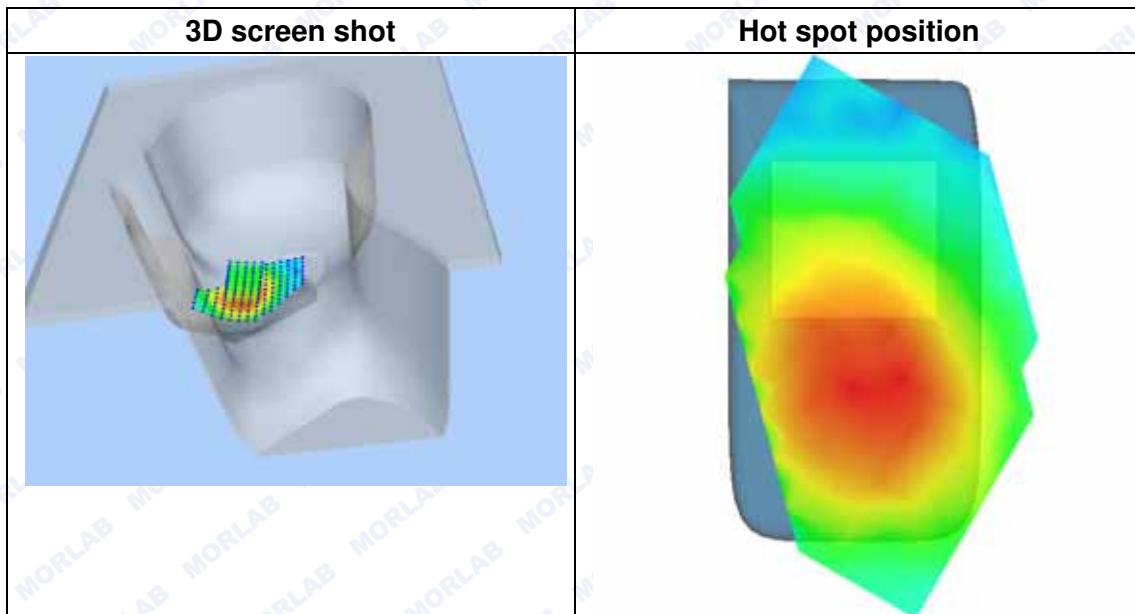
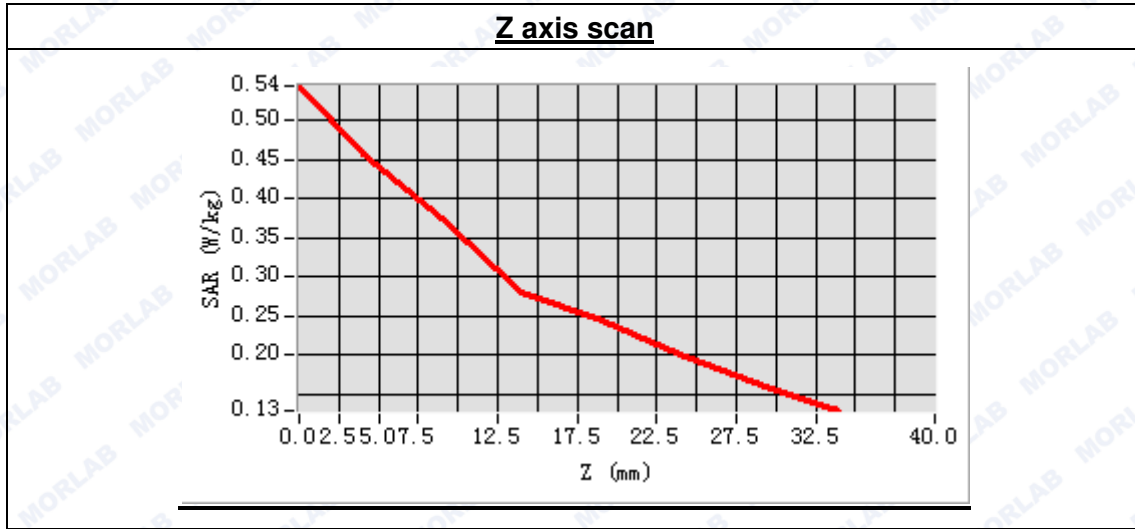
<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift (%)</b>	1.270000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:8





Maximum location: X=-56.00, Y=-32.00  
SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.323710
SAR 1g (W/Kg)	0.454143



**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: 2016.04.27  
 Measurement duration: 8 minutes 28 seconds

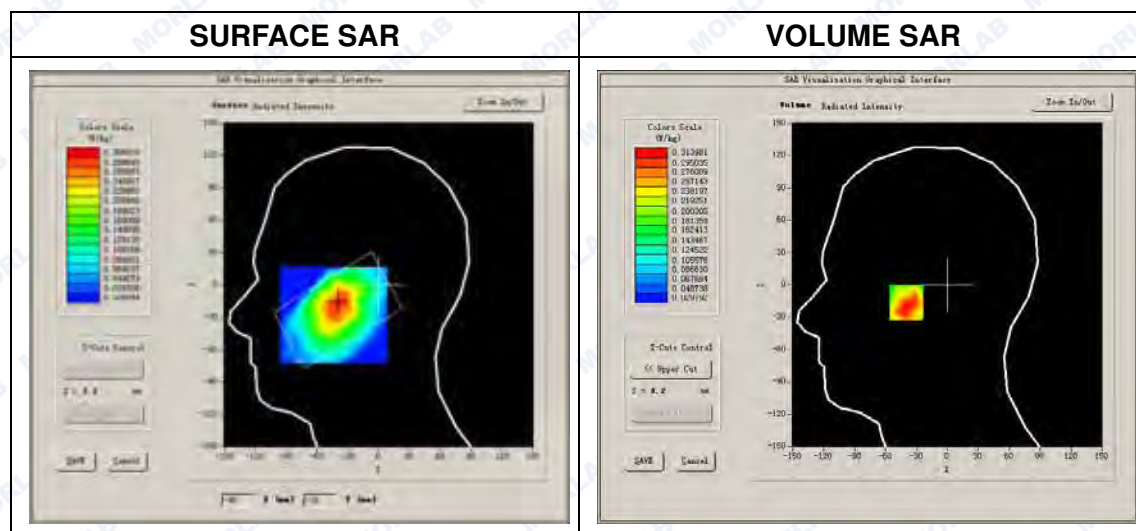
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.400024
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift(%)</b>	3.100000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:8

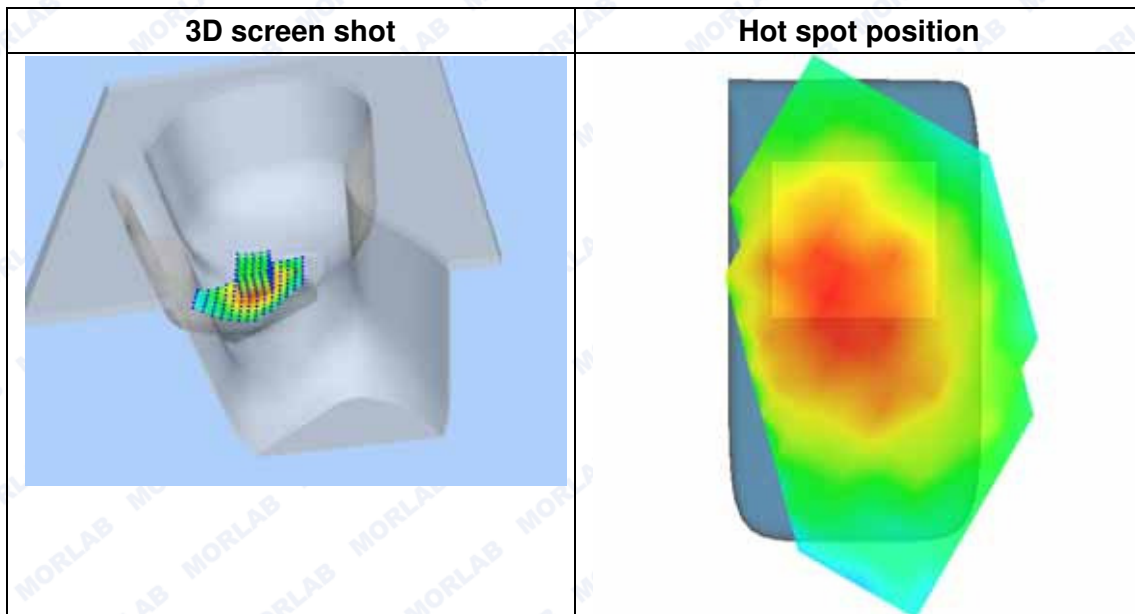
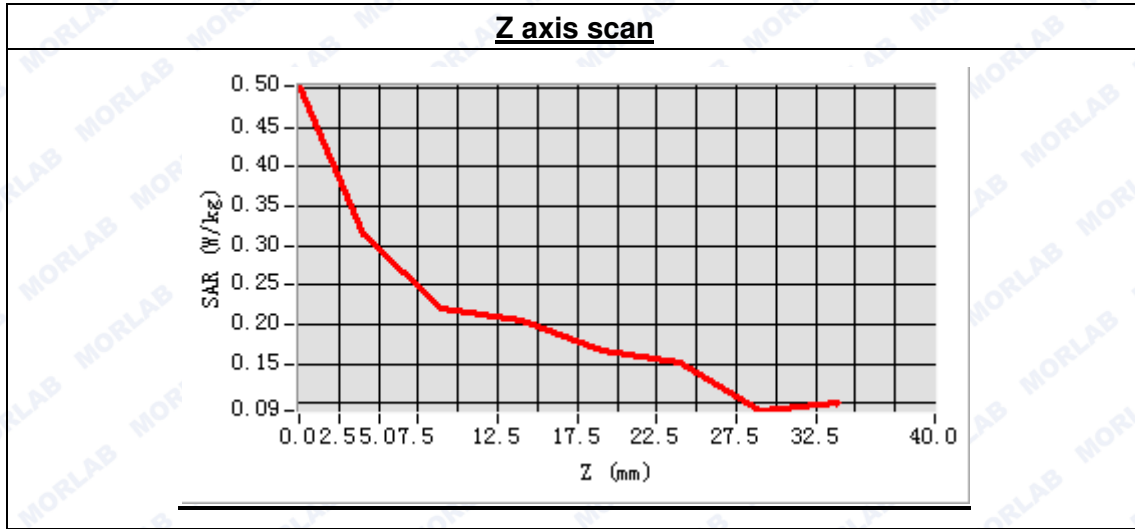




Maximum location: X=-40.00, Y=-16.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.217252
SAR 1g (W/Kg)	0.327057





**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: 2016.04.27  
 Measurement duration: 8 minutes 39 seconds

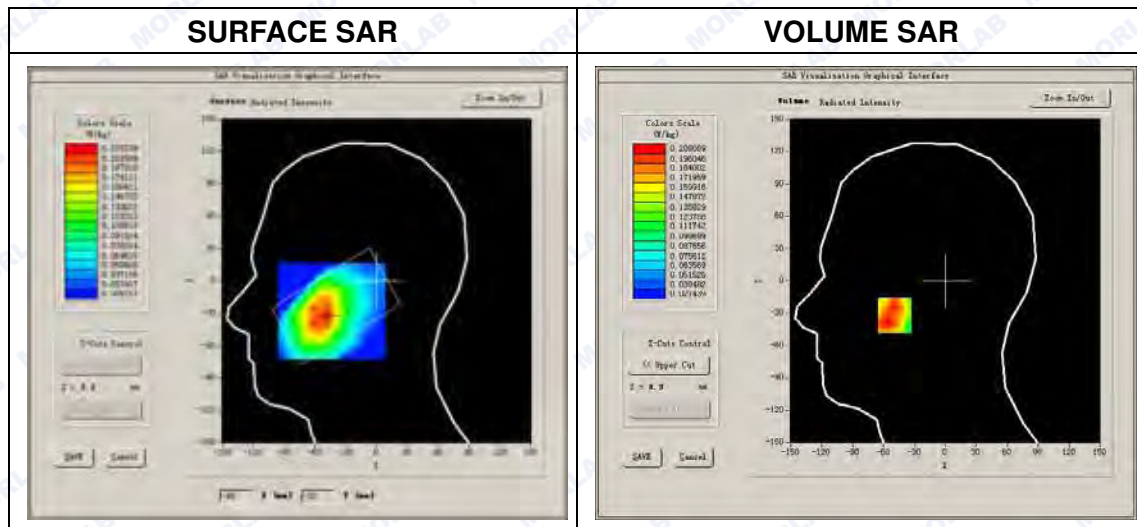
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift (%)	2.550000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.74
Crest factor:	1:8

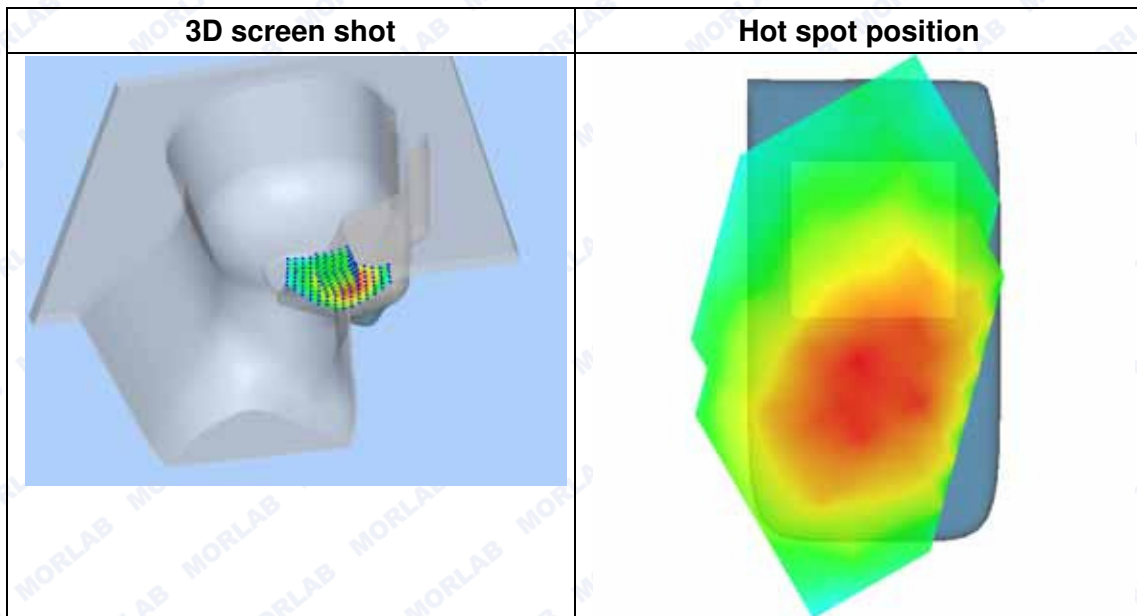
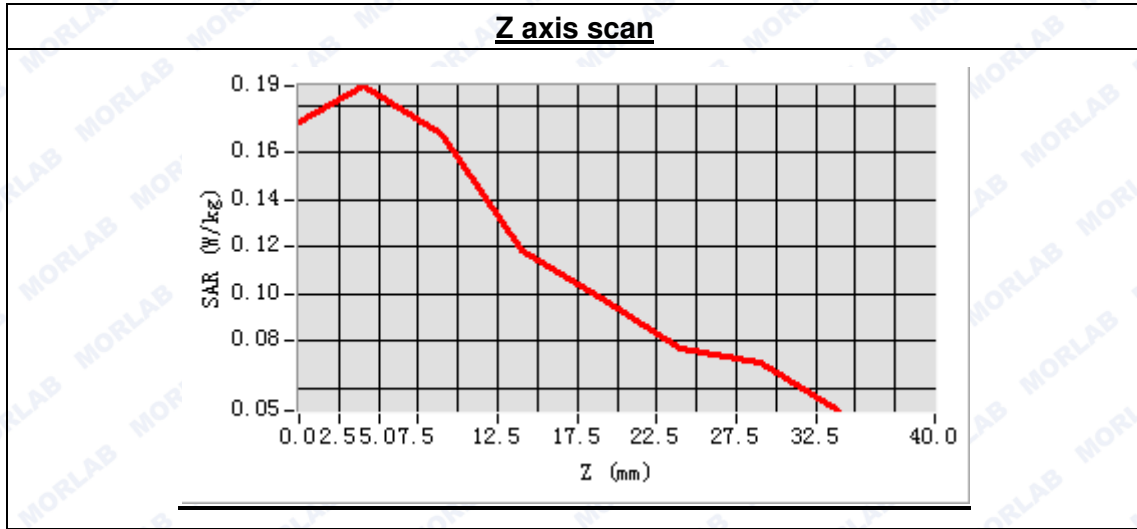




Maximum location: X=-49.00, Y=-32.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.142825
SAR 1g (W/Kg)	0.197864



**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: 2016.04.27  
 Measurement duration: 8 minutes 23 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>	836.400024
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift(%)</b>	-2.170000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:8

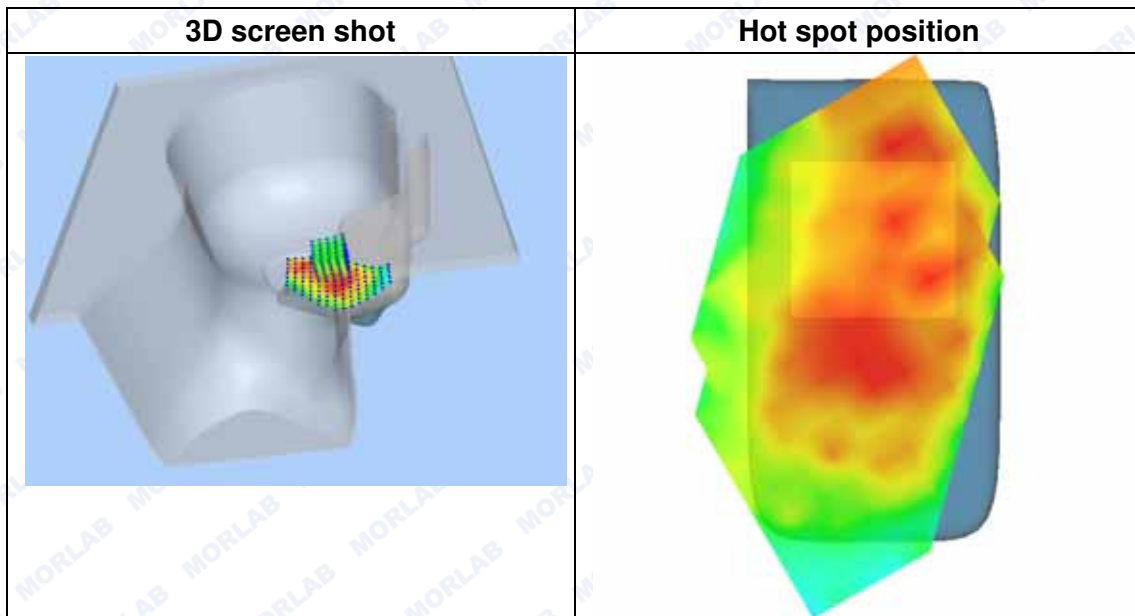
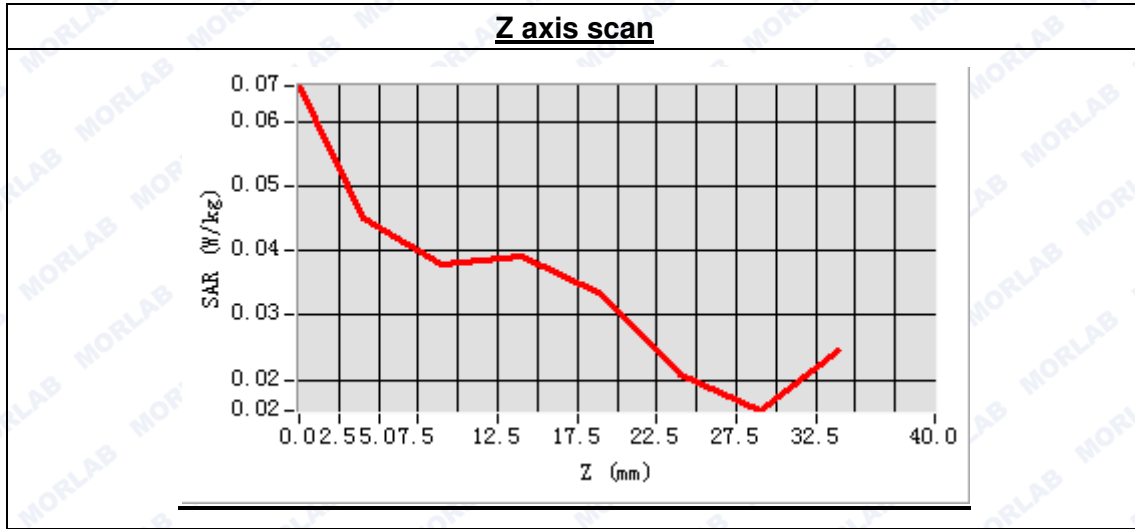




Maximum location: X=-40.00, Y=-7.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.043162
SAR 1g (W/Kg)	0.059981







**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: 2016.04.27  
 Measurement duration: 9 minutes 37 seconds

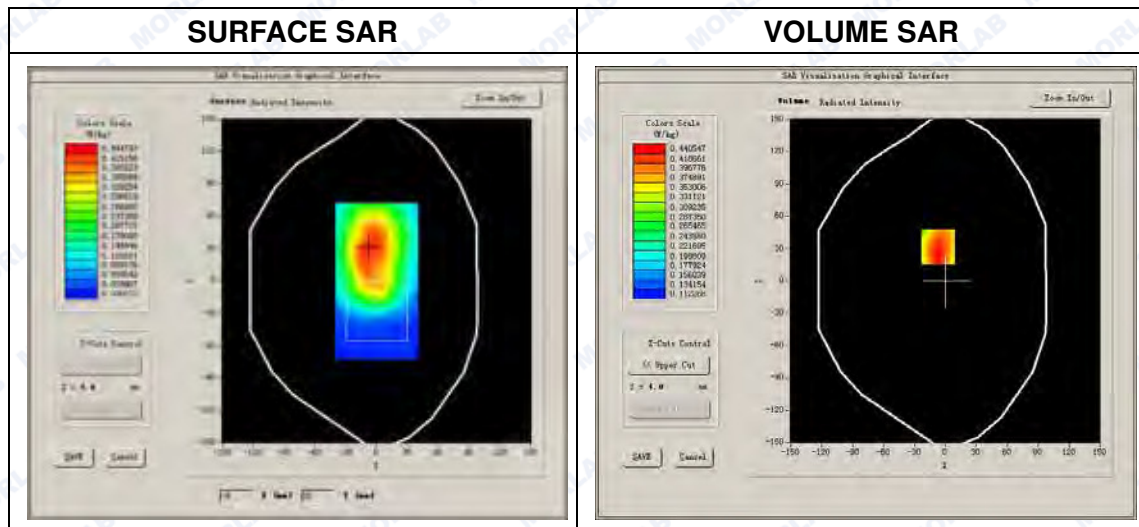
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GSM

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8



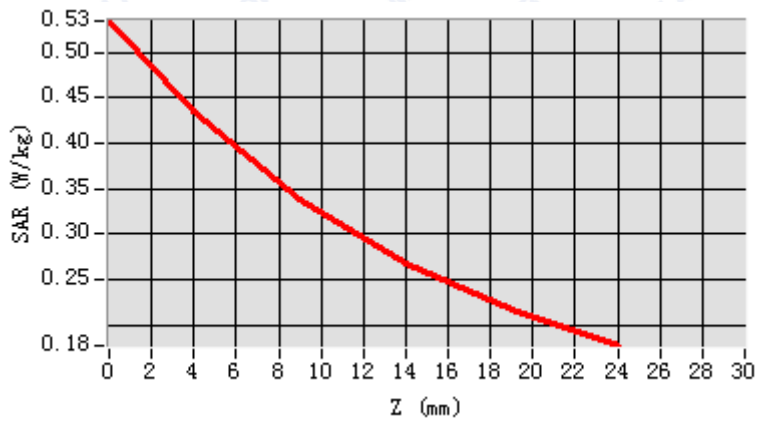


Maximum location: X=-7.00, Y=32.00

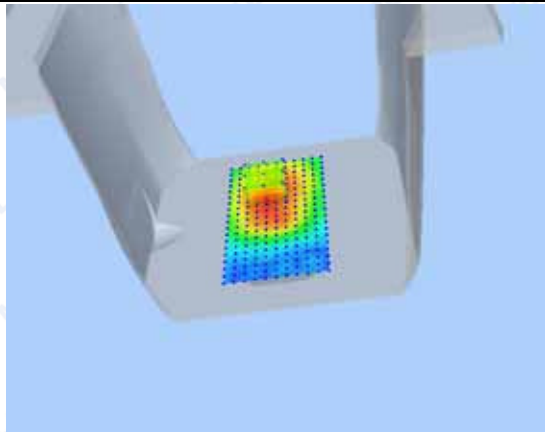
SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.343144
SAR 1g (W/Kg)	0.459093

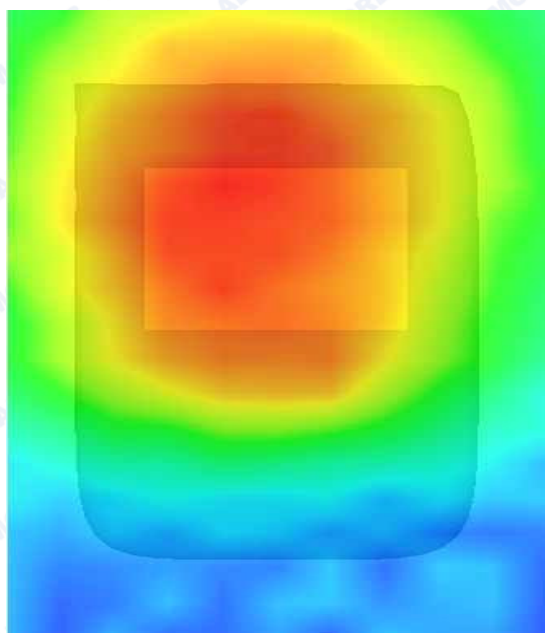
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2016.04.27

Measurement duration: 9 minutes 33 seconds

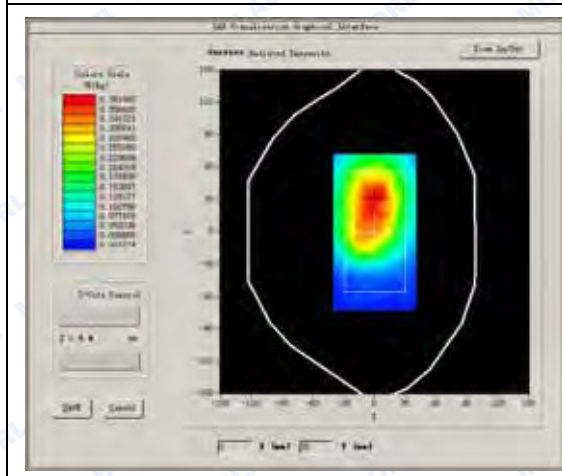
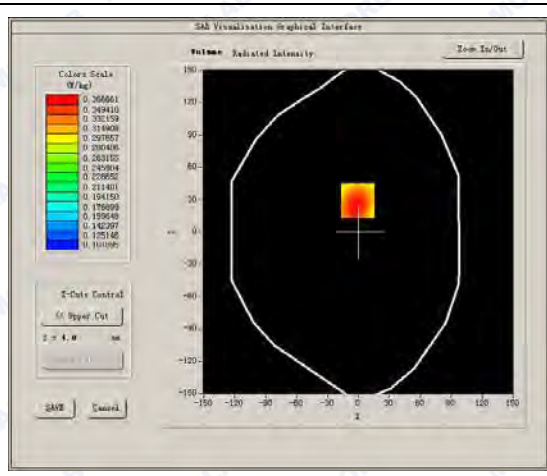
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GSM

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

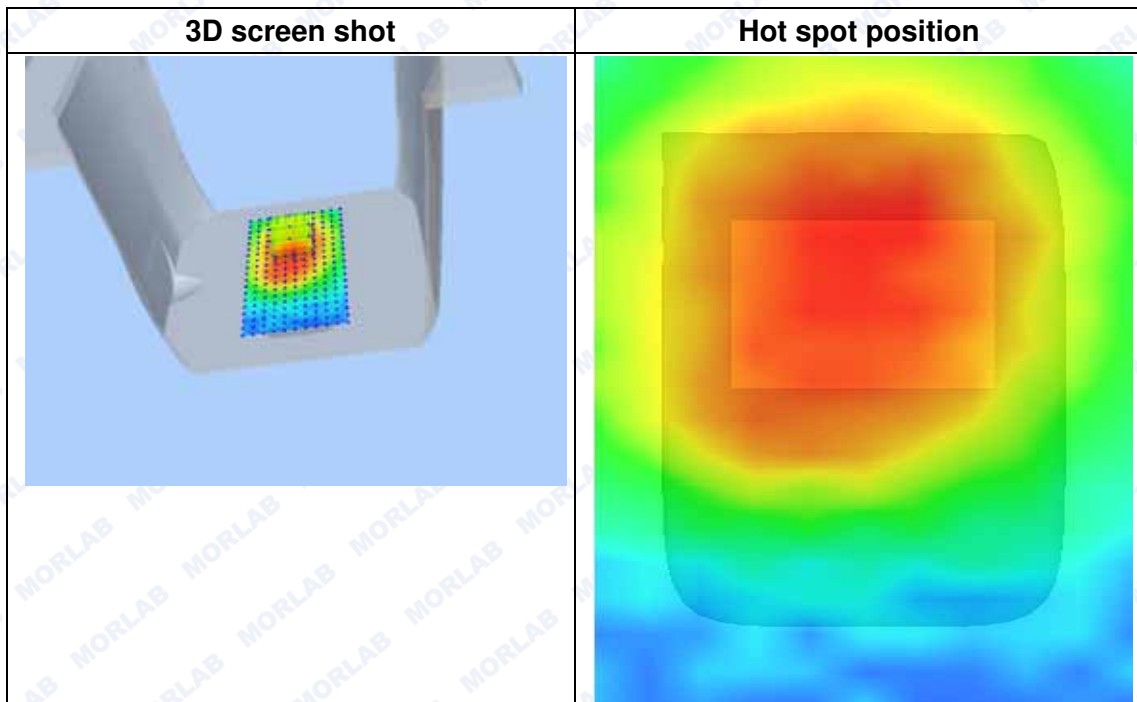
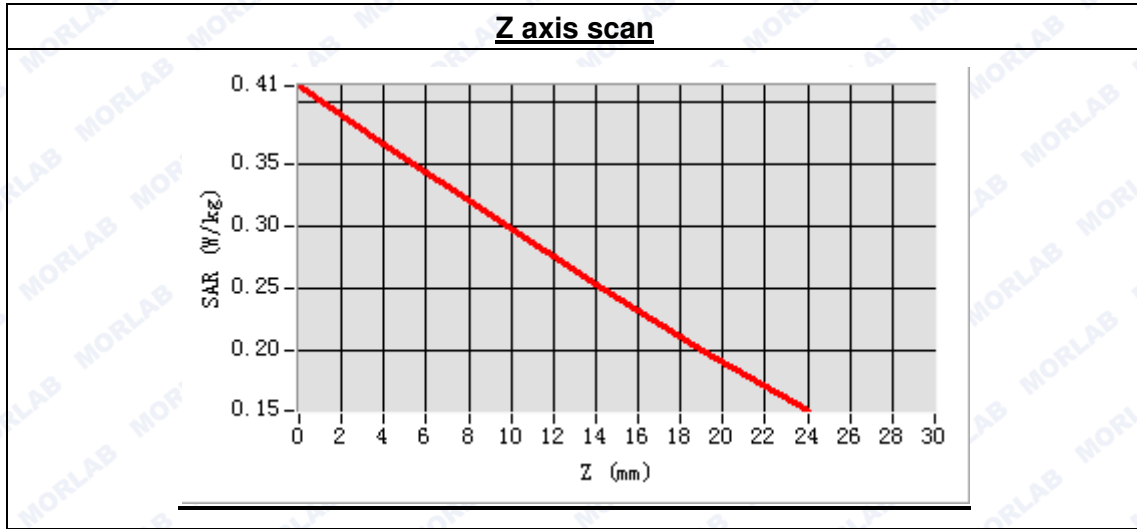
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-1.00, Y=29.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.300257
SAR 1g (W/Kg)	0.386245





**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: 2016.04.27  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

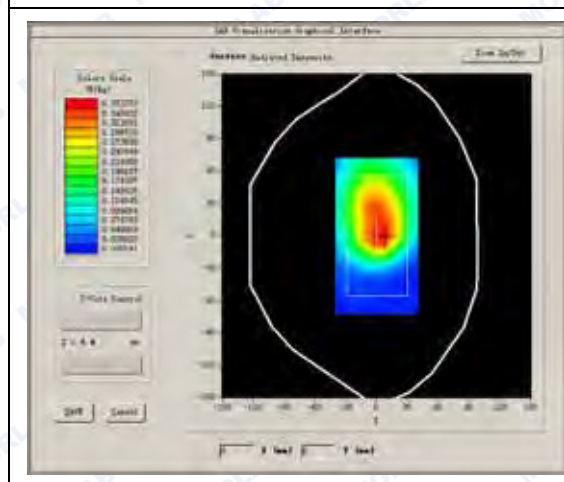
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

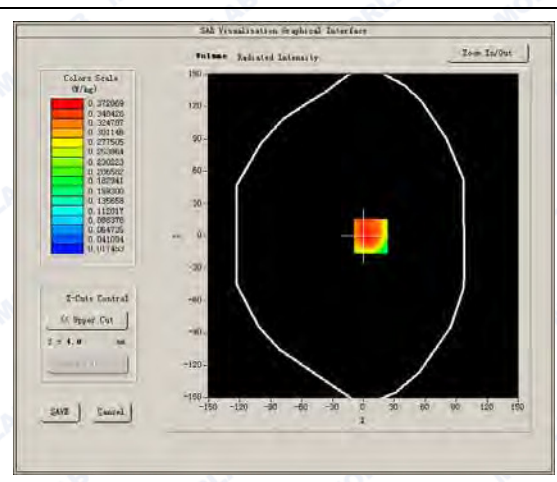
Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

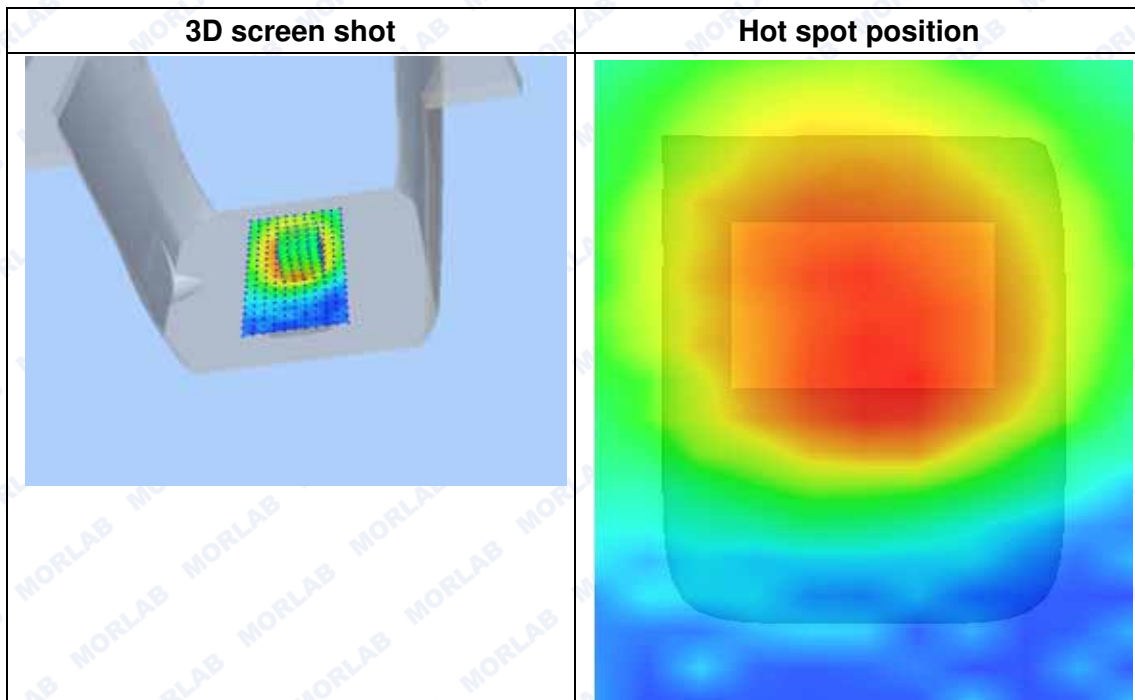
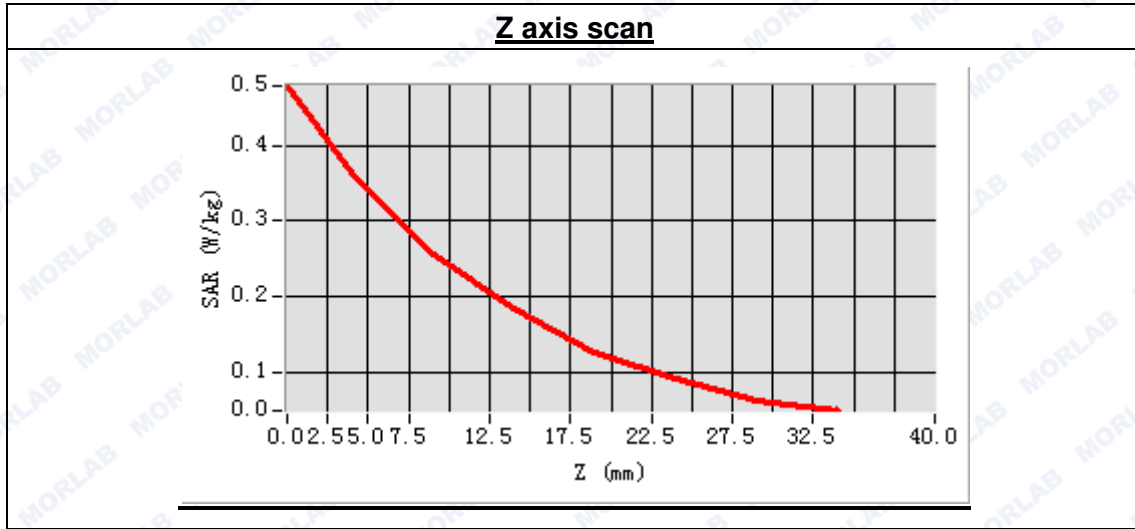




Maximum location: X=7.00, Y=0.00

SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)	0.247267
SAR 1g (W/Kg)	0.369319



**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: 2016.04.27  
 Measurement duration: 9 minutes 34 seconds

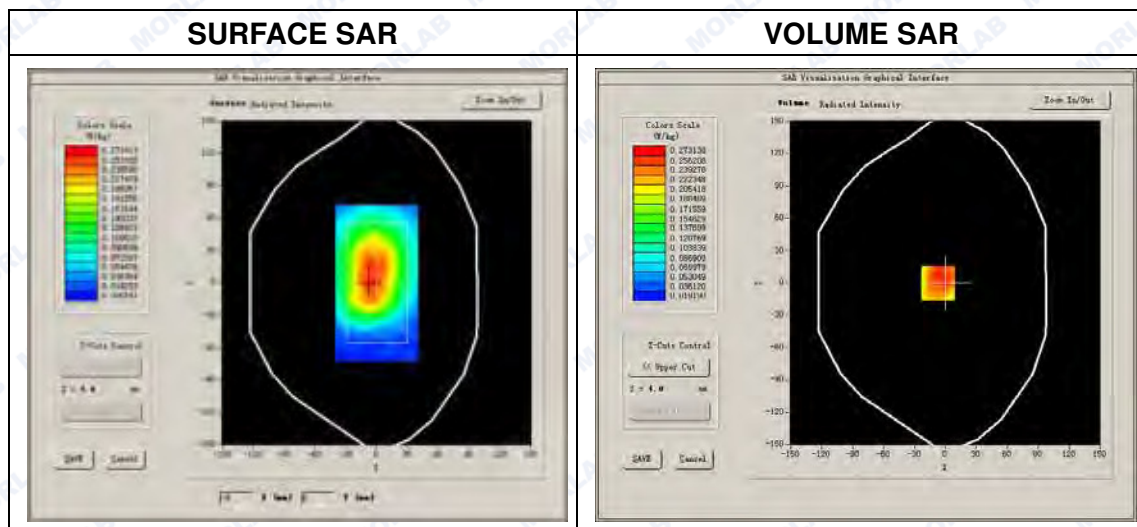
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

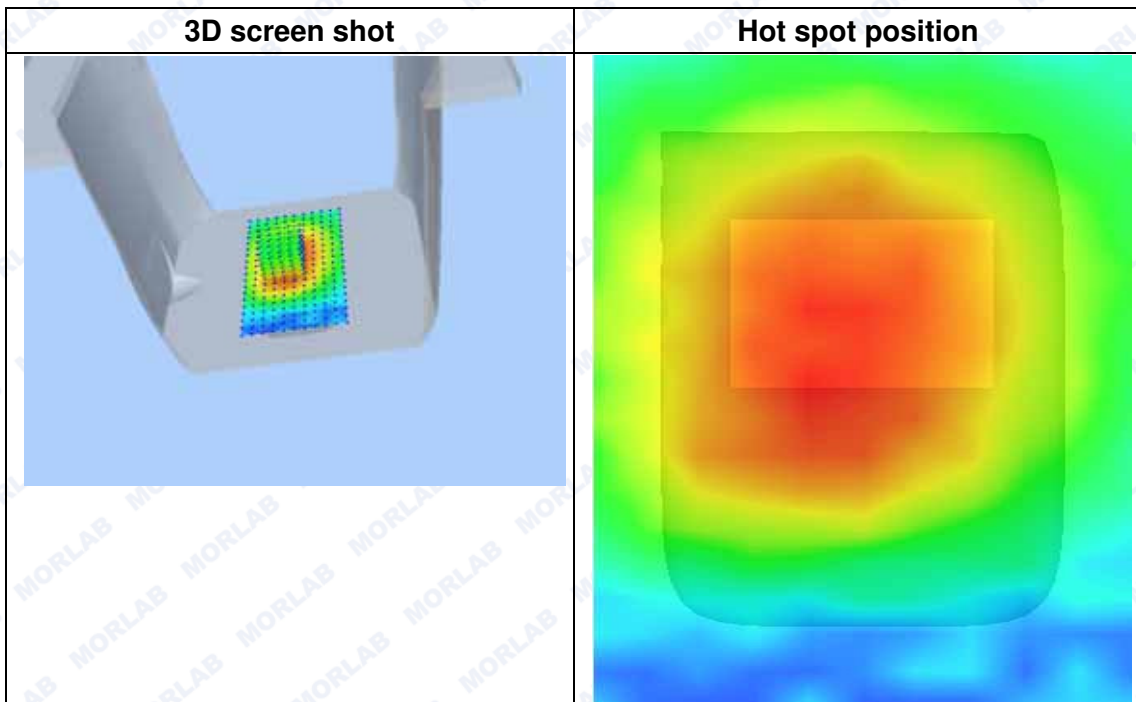
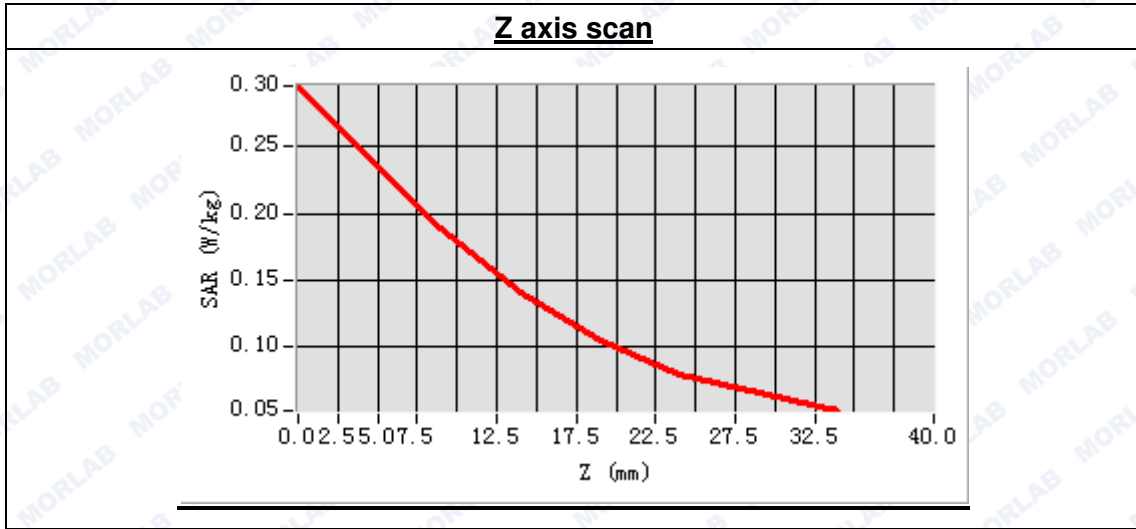




Maximum location: X=-7.00, Y=0.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.188623
SAR 1g (W/Kg)	0.268560





**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: 2016.04.27

Measurement duration: 9 minutes 36 seconds

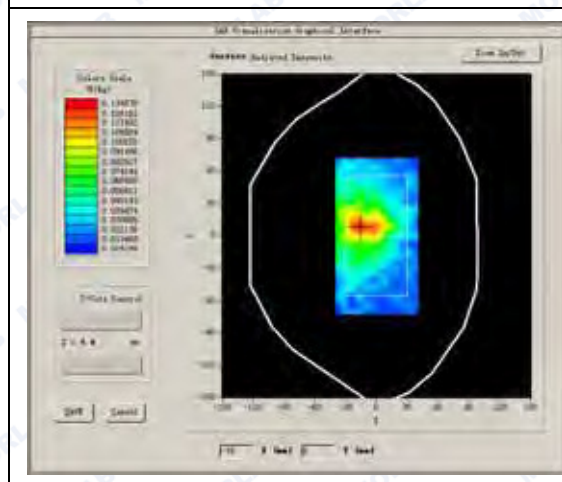
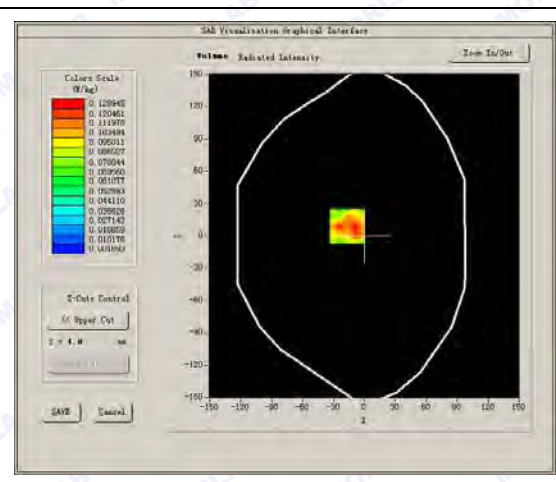
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

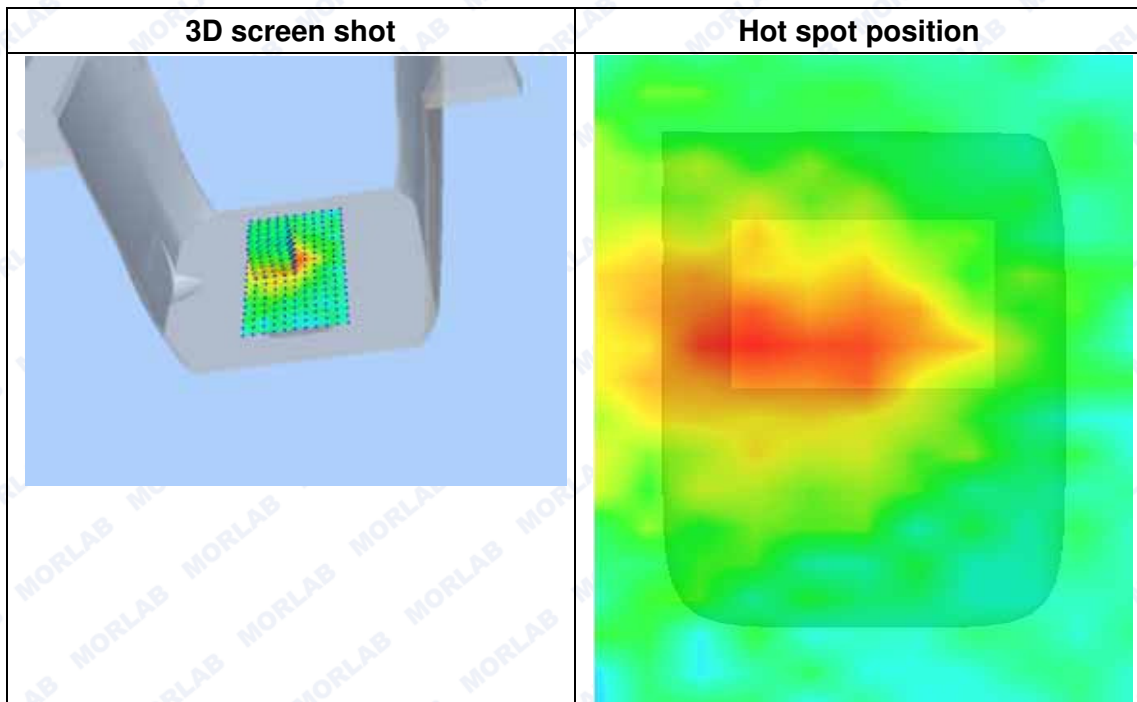
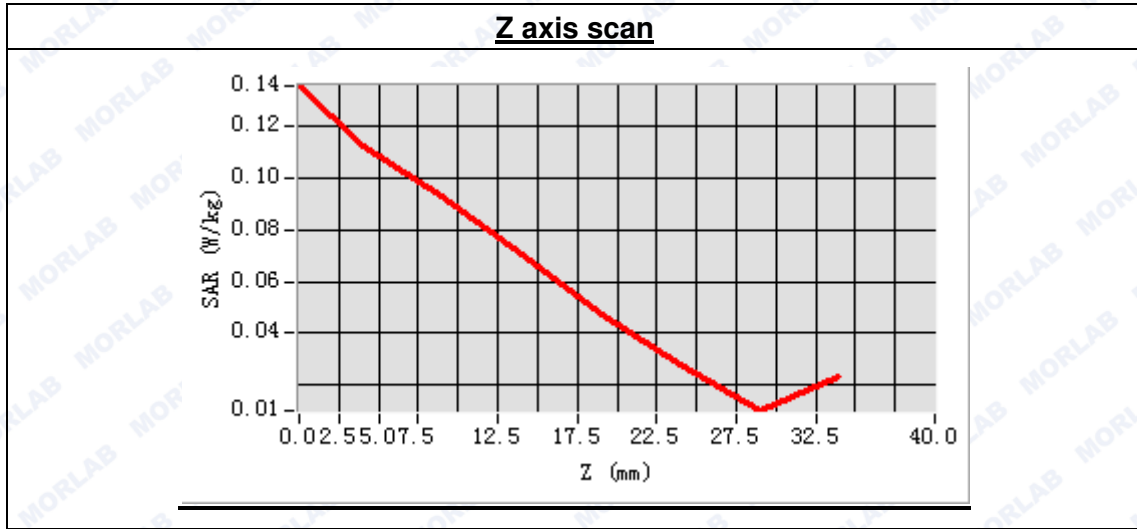
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-17.00, Y=9.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.078191
SAR 1g (W/Kg)	0.129847



**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: 2016.04.27

Measurement duration: 9 minutes 36 seconds

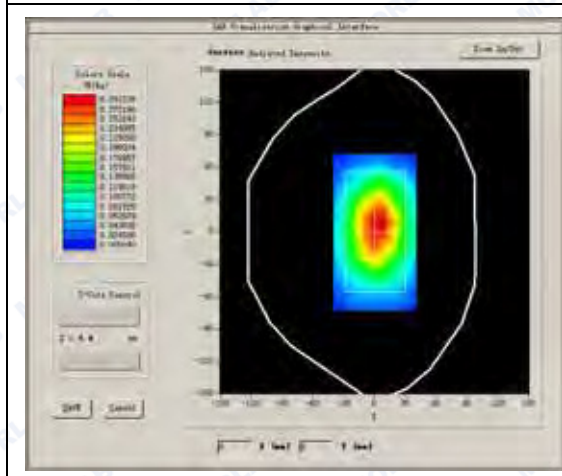
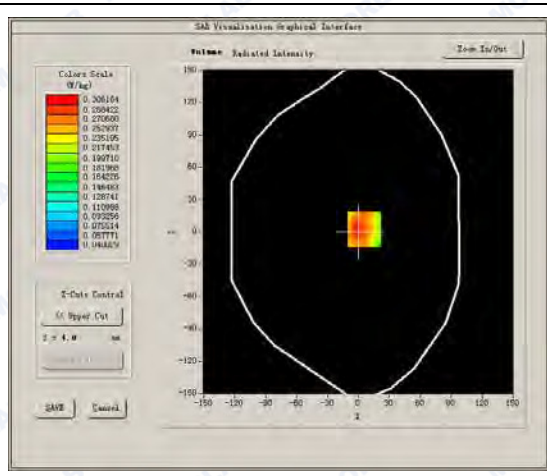
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

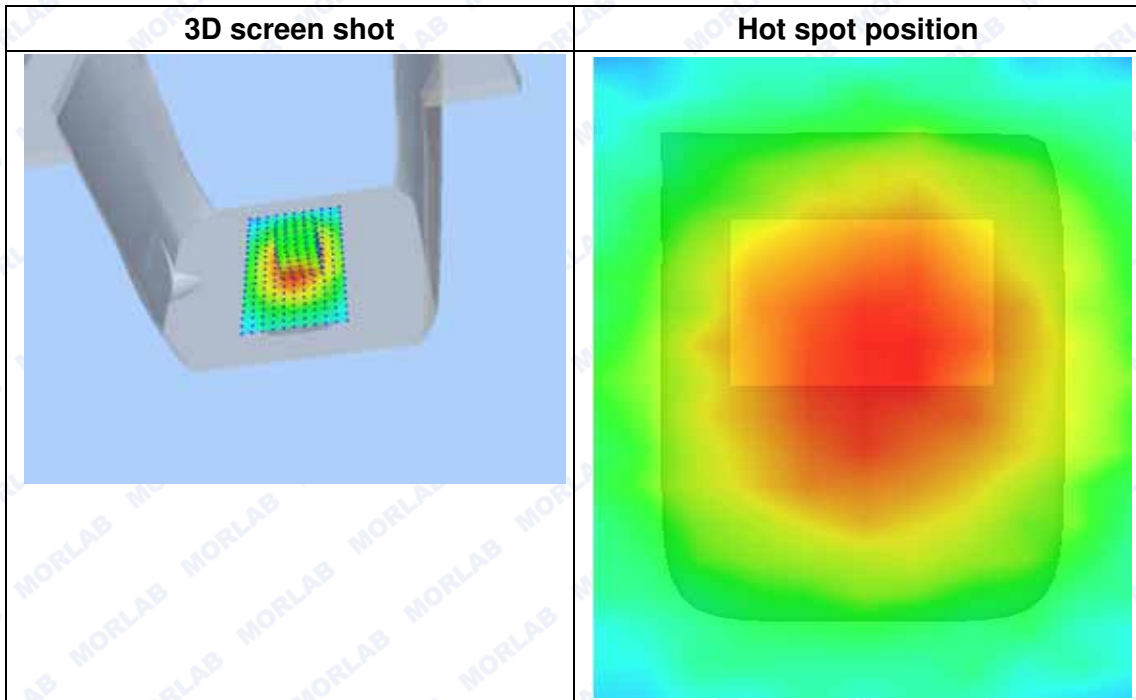
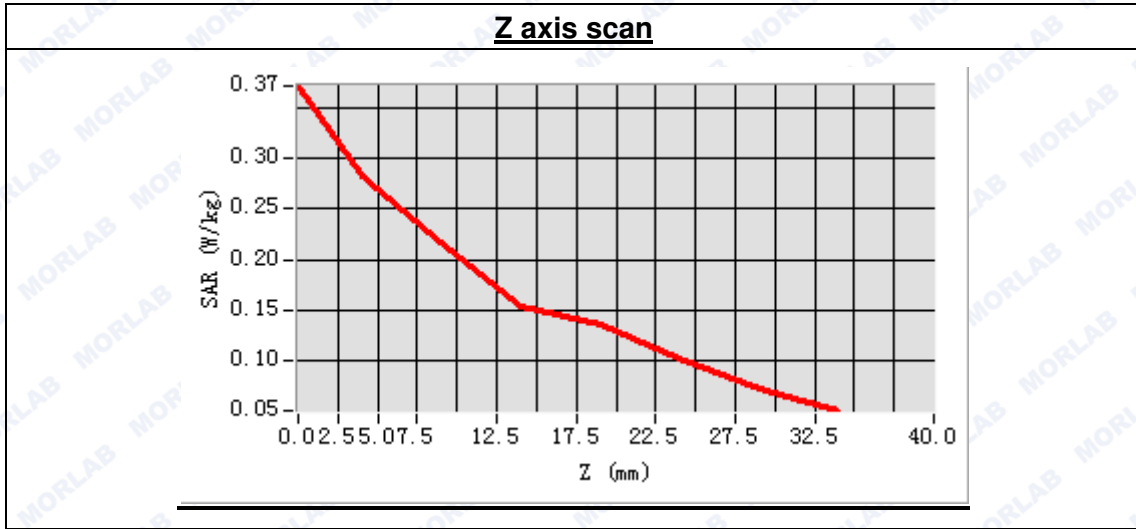
**SURFACE SAR****VOLUME SAR**



Maximum location: X=6.00, Y=3.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.203109
SAR 1g (W/Kg)	0.303549



**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: 2016.04.27  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

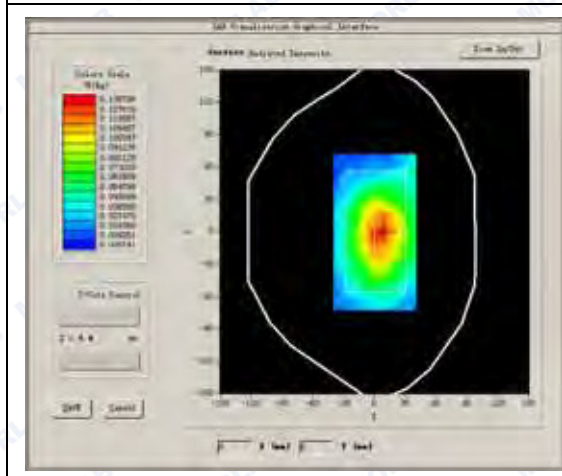
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

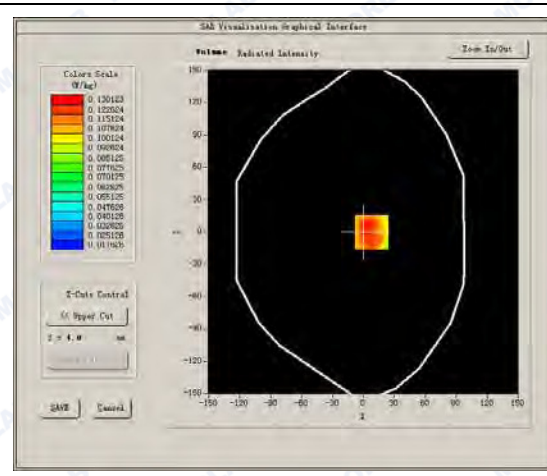
Middle Band SAR (Channel 190):

Frequency (MHz)	836.400024
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

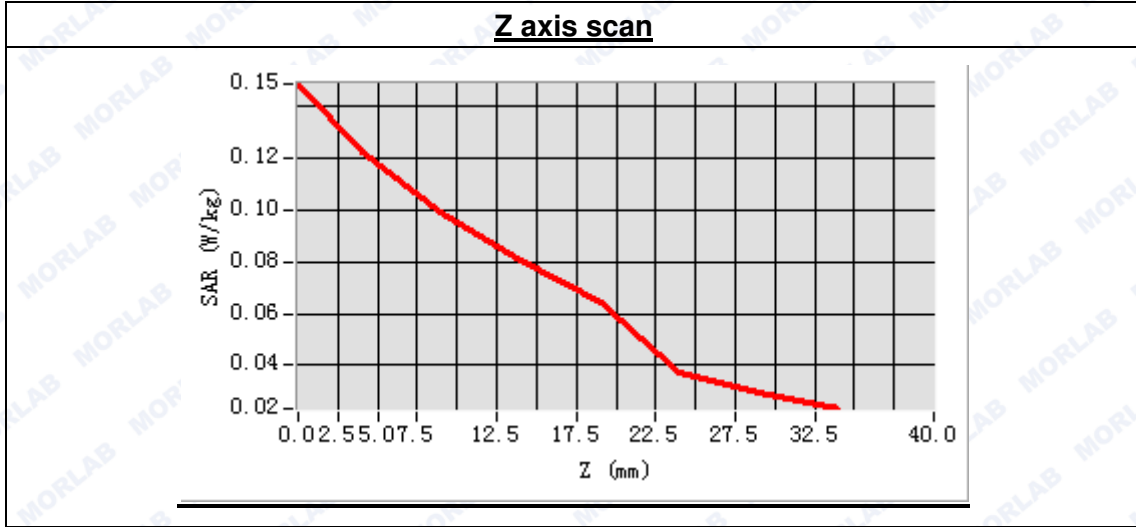




Maximum location: X=8.00, Y=0.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.087083
SAR 1g (W/Kg)	0.128229



**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: 2016.04.28

Measurement duration: 9 minutes 38 seconds

**A. Experimental conditions.**

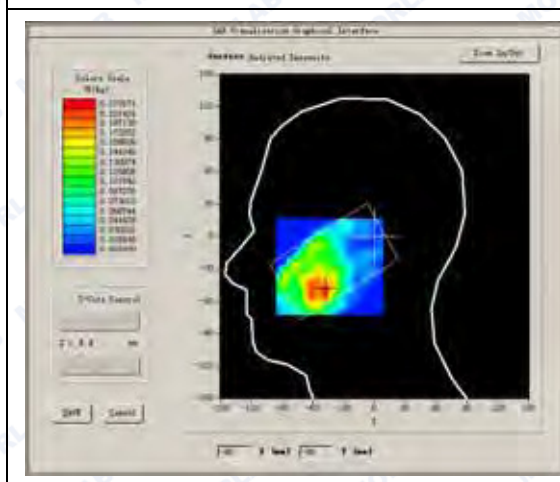
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

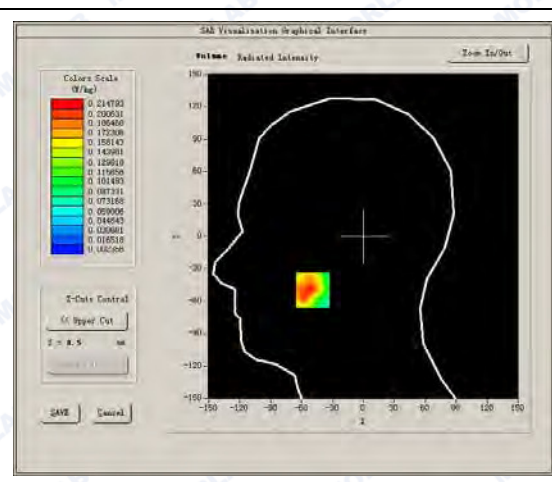
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift(%)</b>	2.230000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.32
<b>Crest factor:</b>	1:8

**SURFACE SAR**



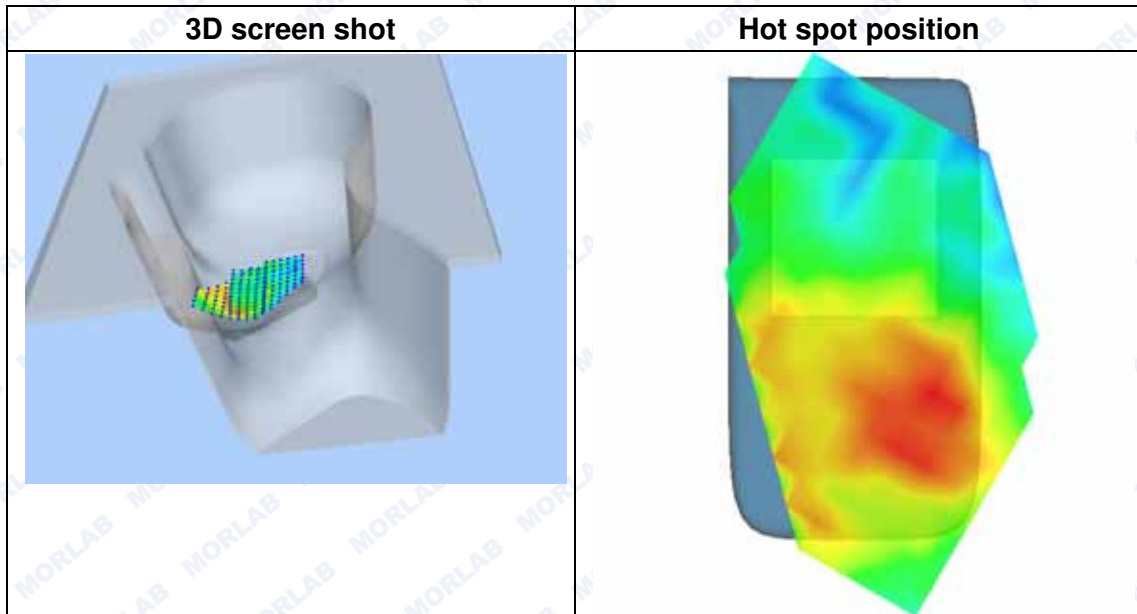
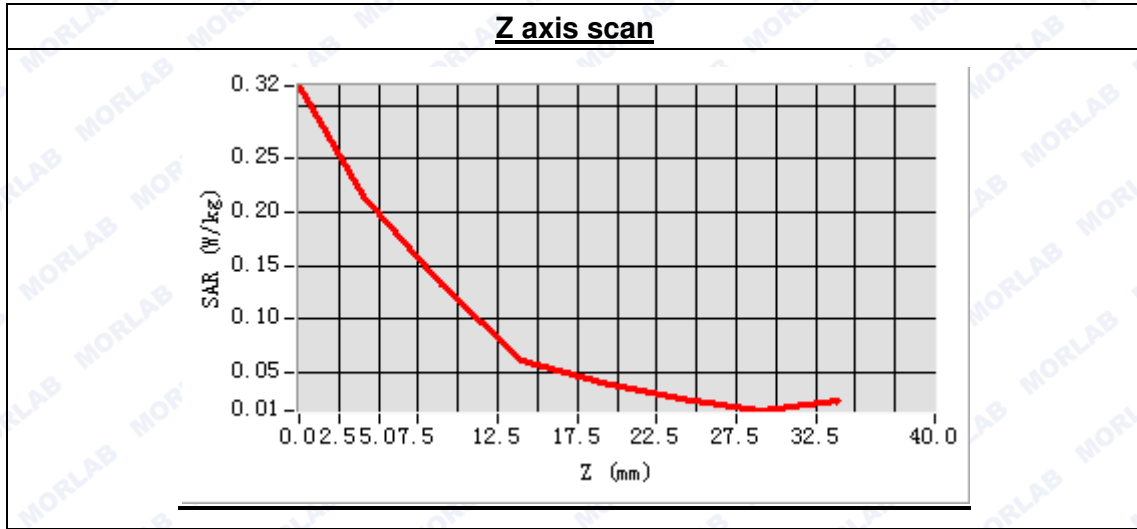
**VOLUME SAR**





Maximum location: X=-49.00, Y=-50.00  
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.110946
SAR 1g (W/Kg)	0.202740





**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: 2016.04.28

Measurement duration: 9 minutes 32 seconds

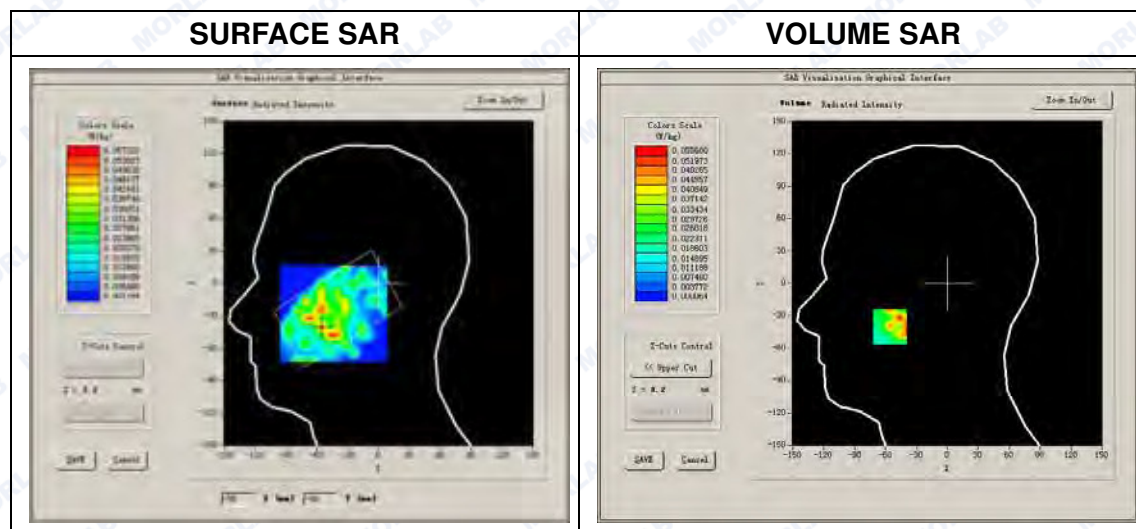
**A. Experimental conditions.**

<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):

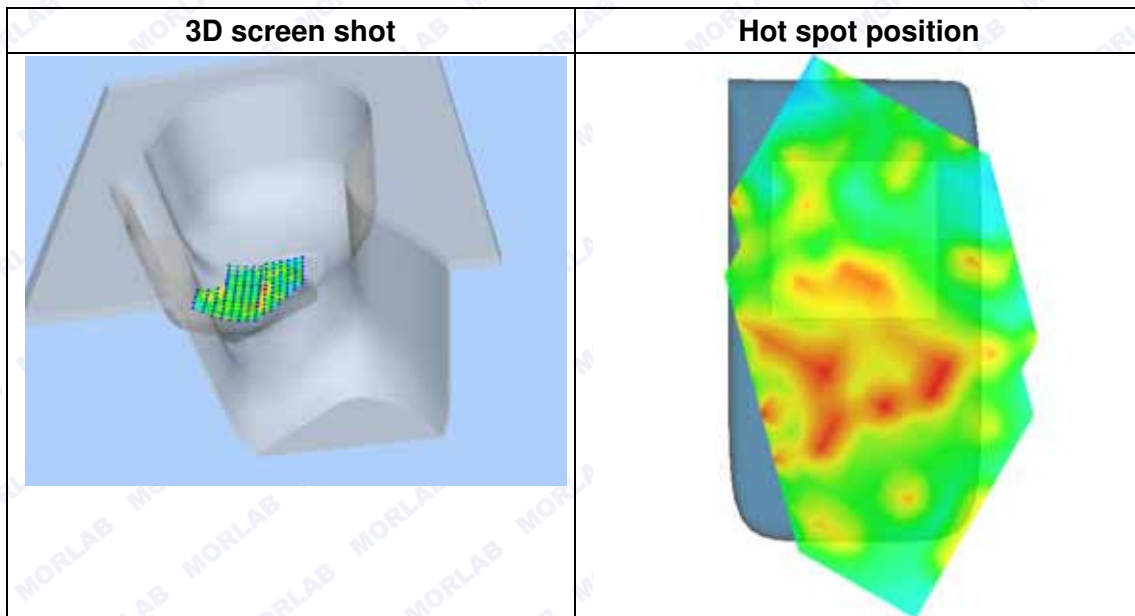
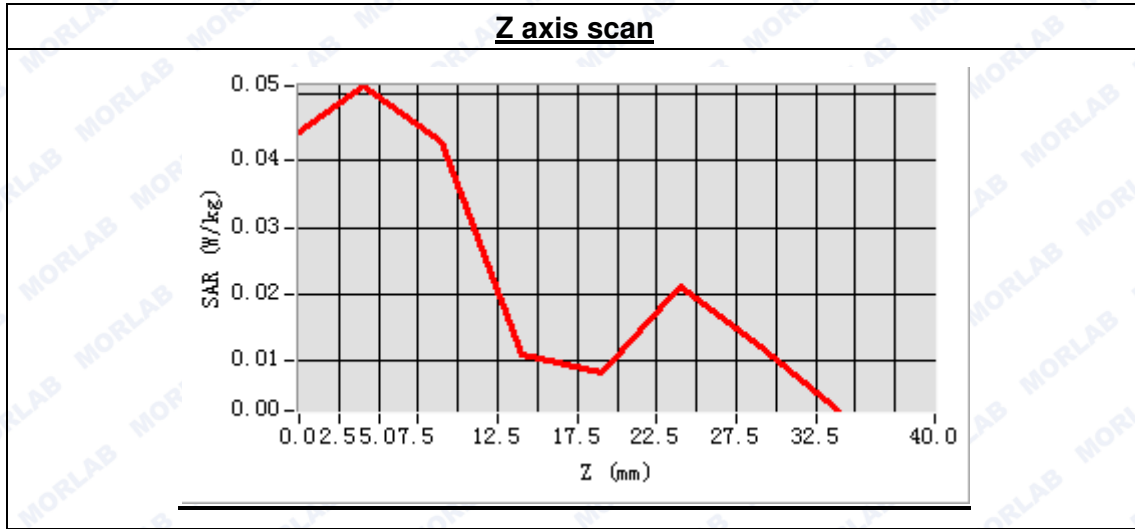
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift(%)</b>	2.230000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.32
<b>Crest factor:</b>	1:8





Maximum location: X=-56.00, Y=-40.00  
SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.025115
SAR 1g (W/Kg)	0.045566



**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: 2016.04.28

Measurement duration: 9 minutes 32 seconds

**A. Experimental conditions.**

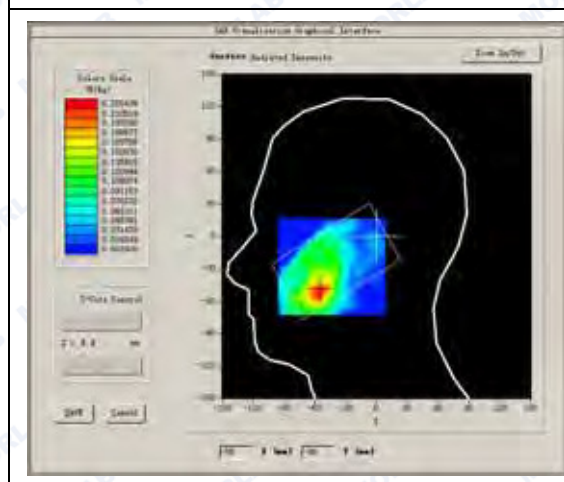
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

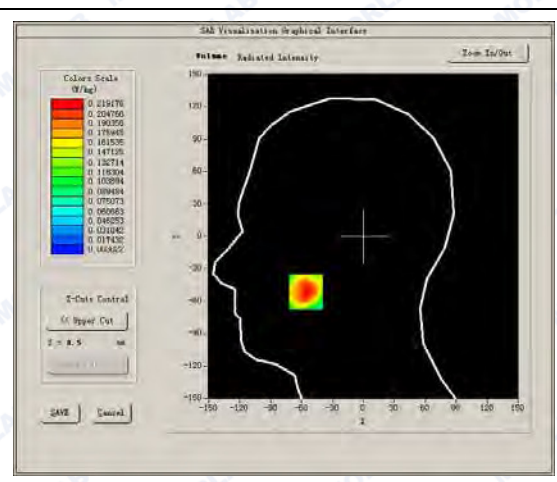
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift(%)</b>	2.230000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.32
<b>Crest factor:</b>	1:8

**SURFACE SAR**



**VOLUME SAR**



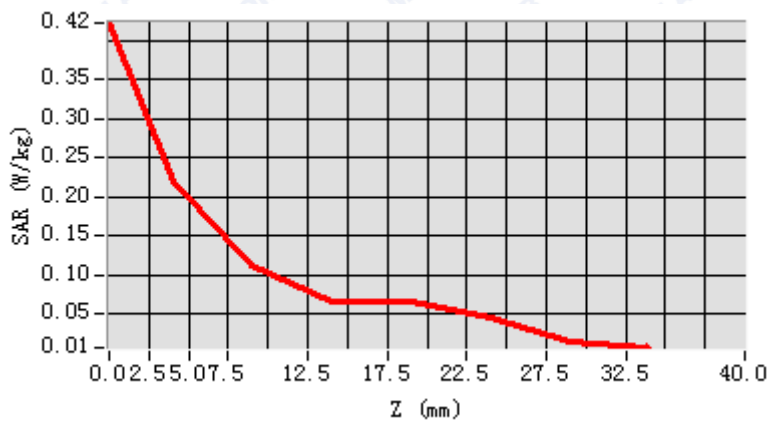


Maximum location: X=-56.00, Y=-51.00

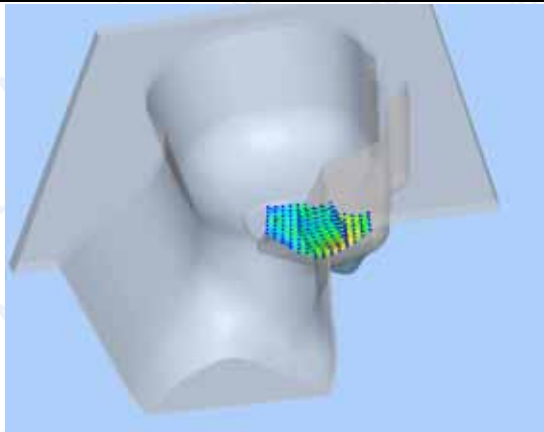
SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.118634
SAR 1g (W/Kg)	0.232909

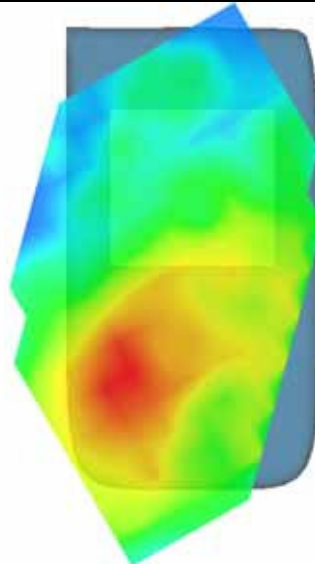
**Z axis scan**



**3D screen shot**



**Hot spot position**



### 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: 2016.04.28

Measurement duration: 9 minutes 30 seconds

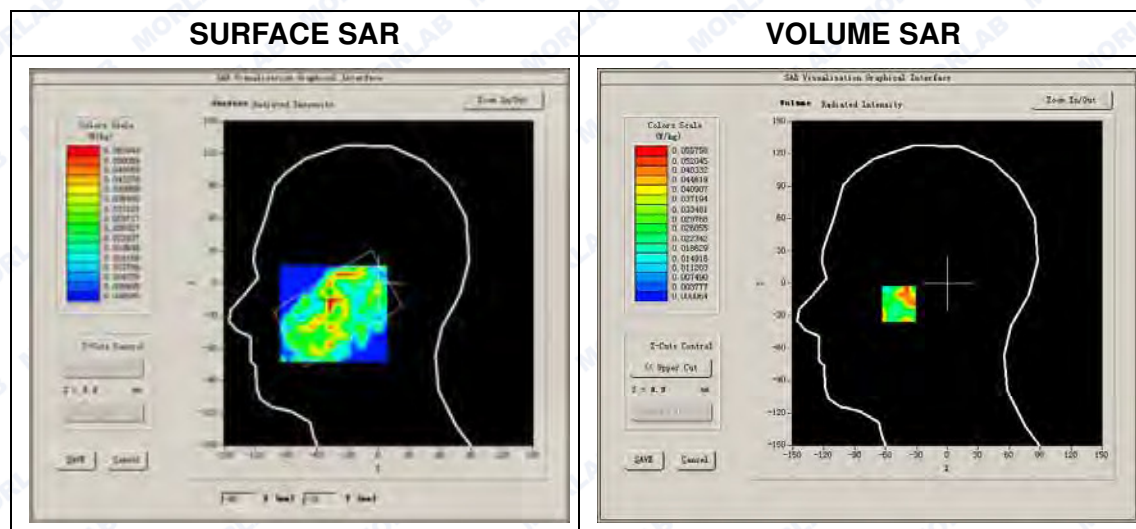
#### A. Experimental conditions.

<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	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>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift(%)</b>	2.230000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.32
<b>Crest factor:</b>	1:8

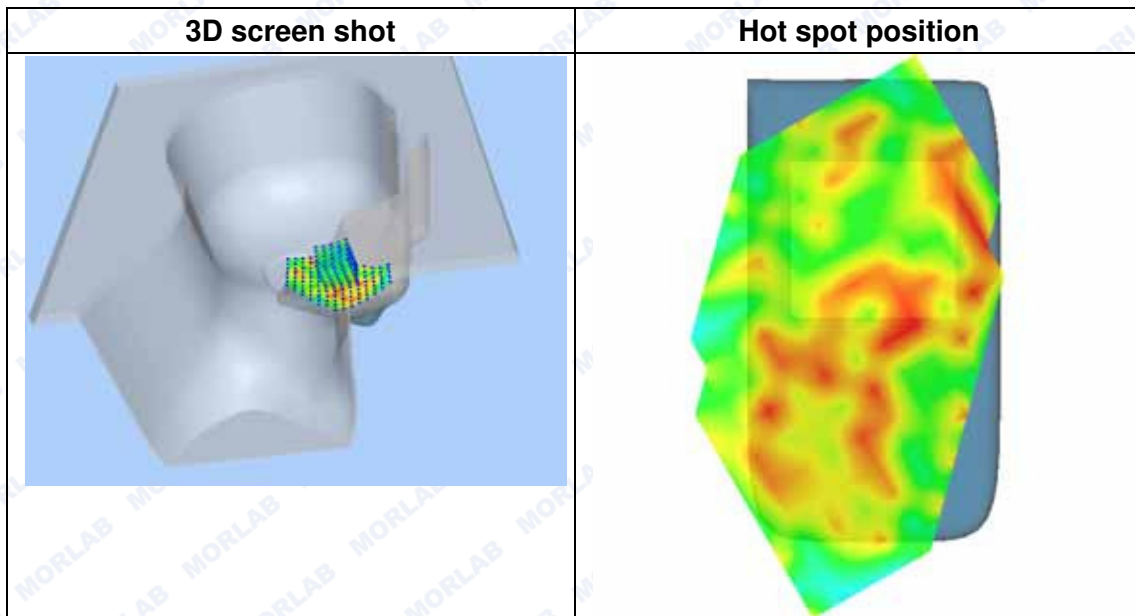
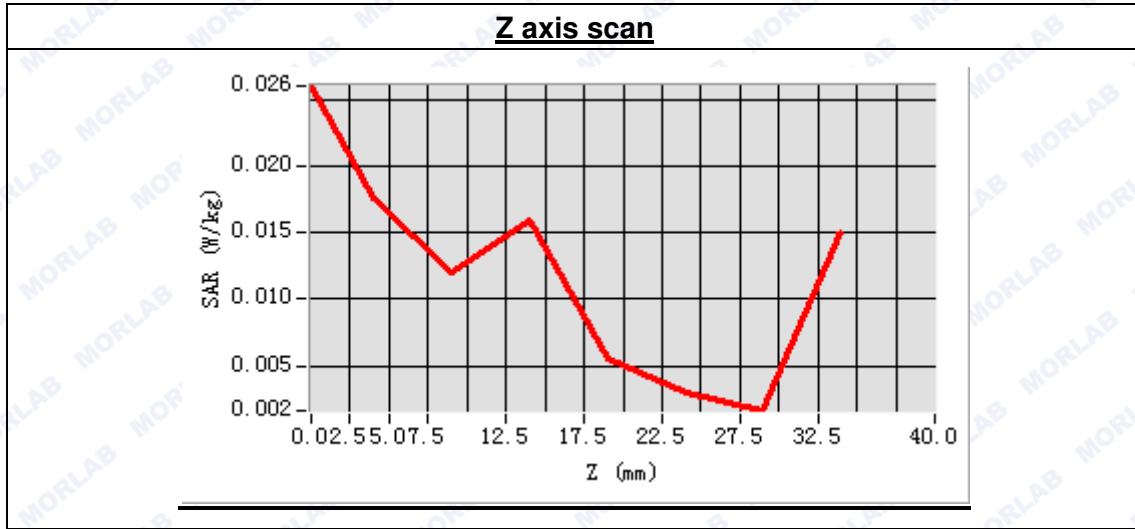




Maximum location: X=-47.00, Y=-19.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.027020
SAR 1g (W/Kg)	0.063197



**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: 2016.04.28

Measurement duration: 9 minutes 23 seconds

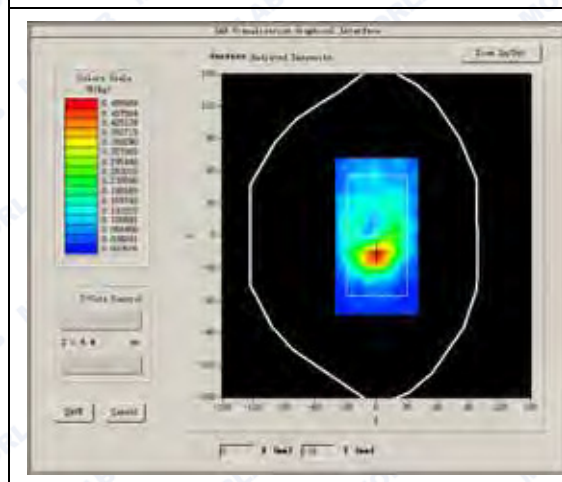
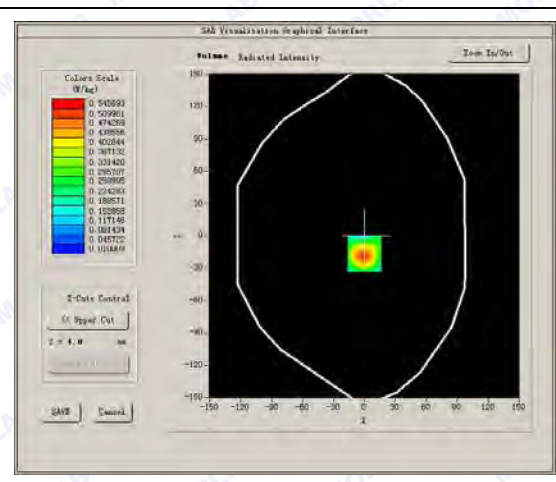
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

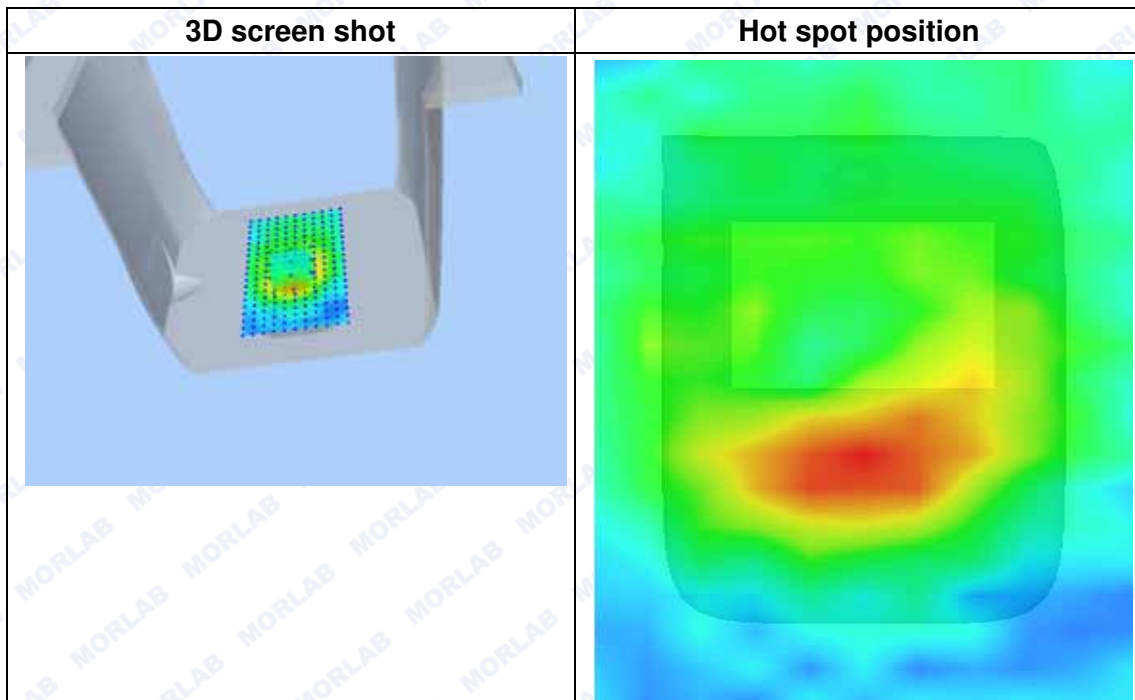
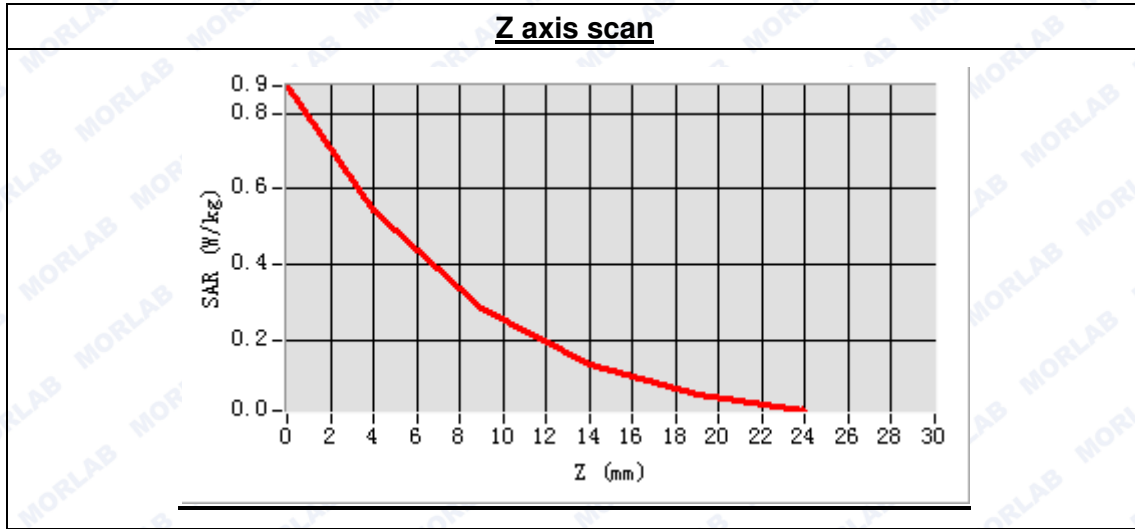
**SURFACE SAR****VOLUME SAR**



Maximum location: X=0.00, Y=-17.00

SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.272282
SAR 1g (W/Kg)	0.548605





**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: 2016.04.28

Measurement duration: 9 minutes 30 seconds

**A. Experimental conditions.**

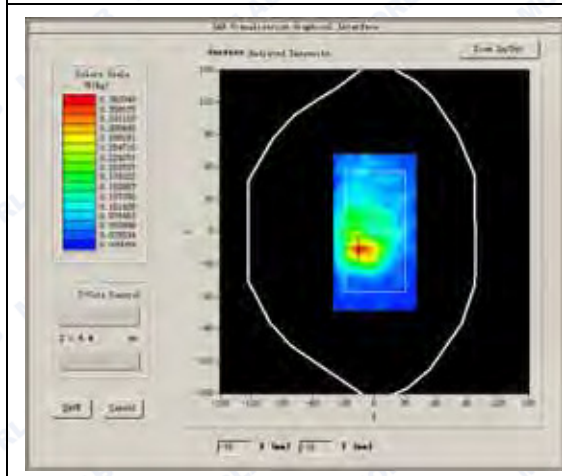
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	GSM1900
<b>Channels</b>	Middle
<b>Signal</b>	GSM

**B. SAR Measurement Results**

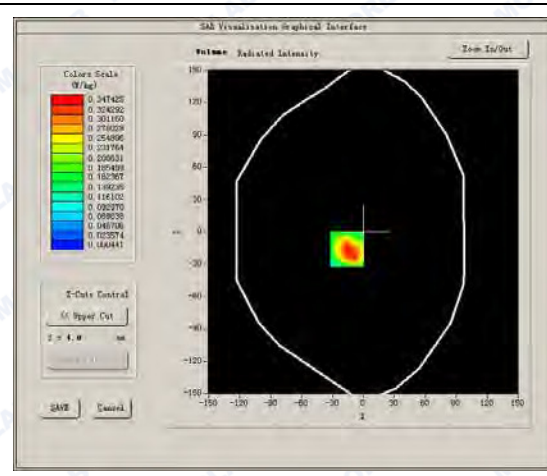
Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift(%)</b>	-2.530000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:2

**SURFACE SAR**



**VOLUME SAR**

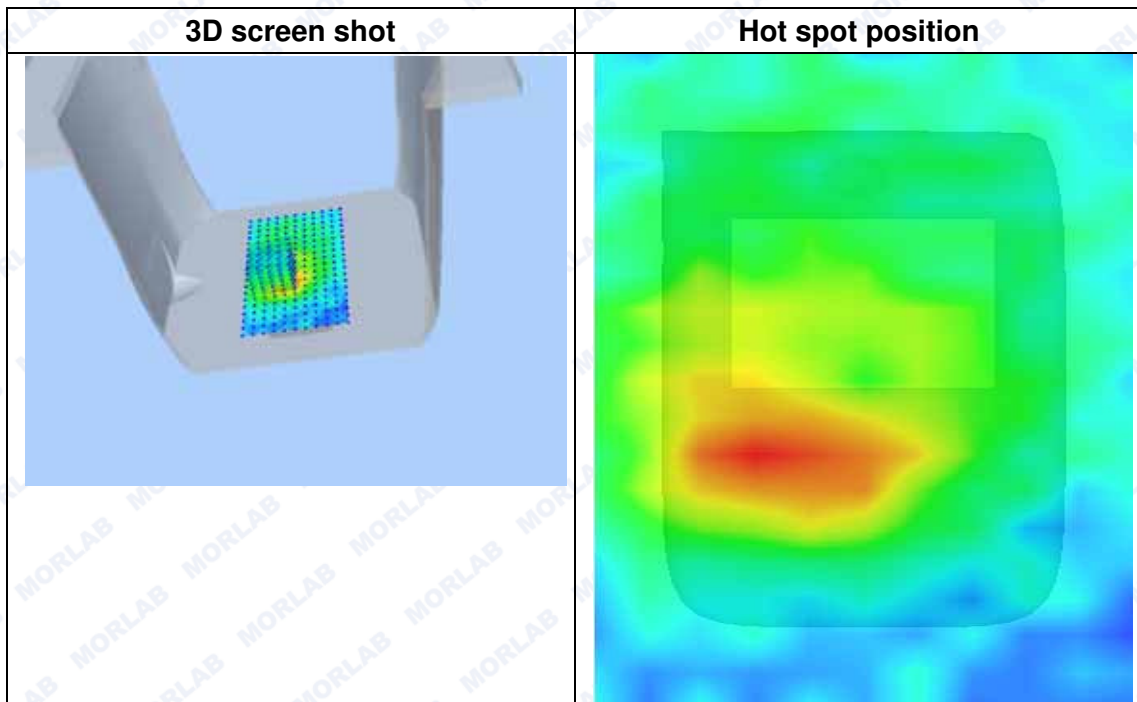
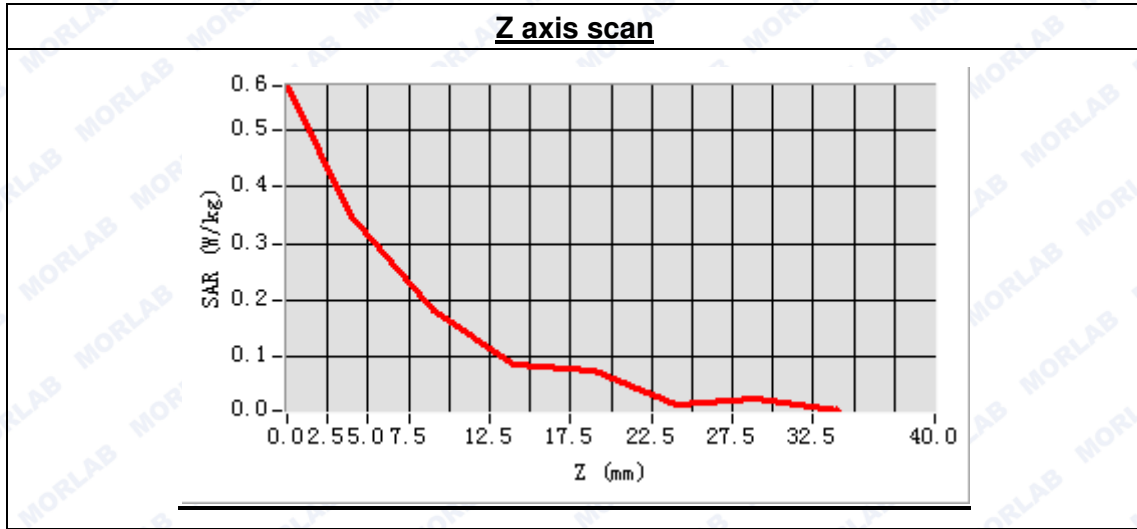




Maximum location: X=-16.00, Y=-16.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.186931
SAR 1g (W/Kg)	0.365391



**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: 2016.04.28

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

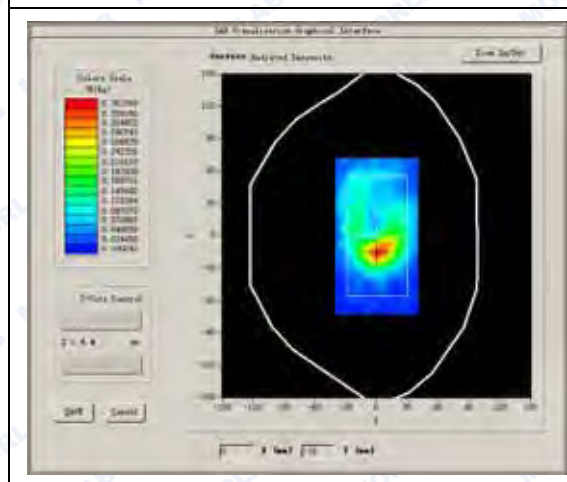
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

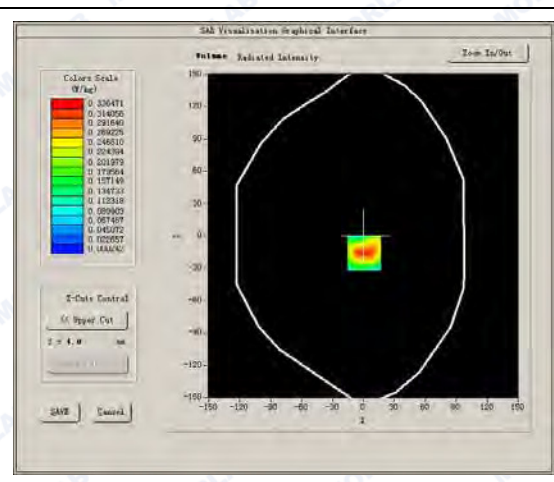
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

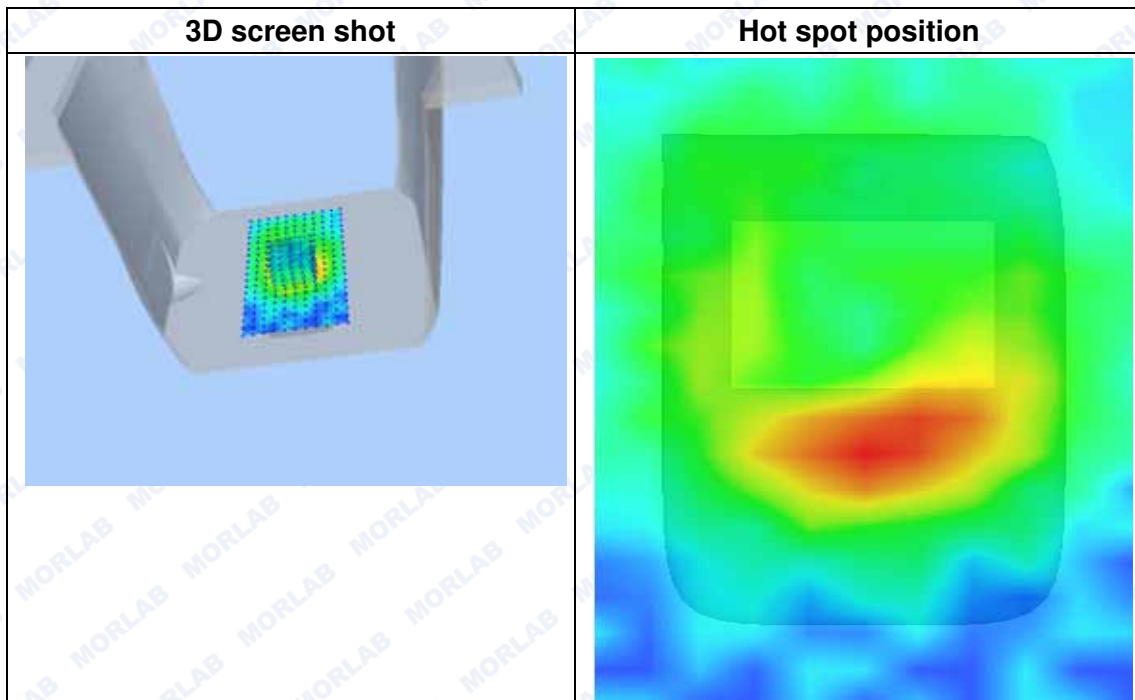
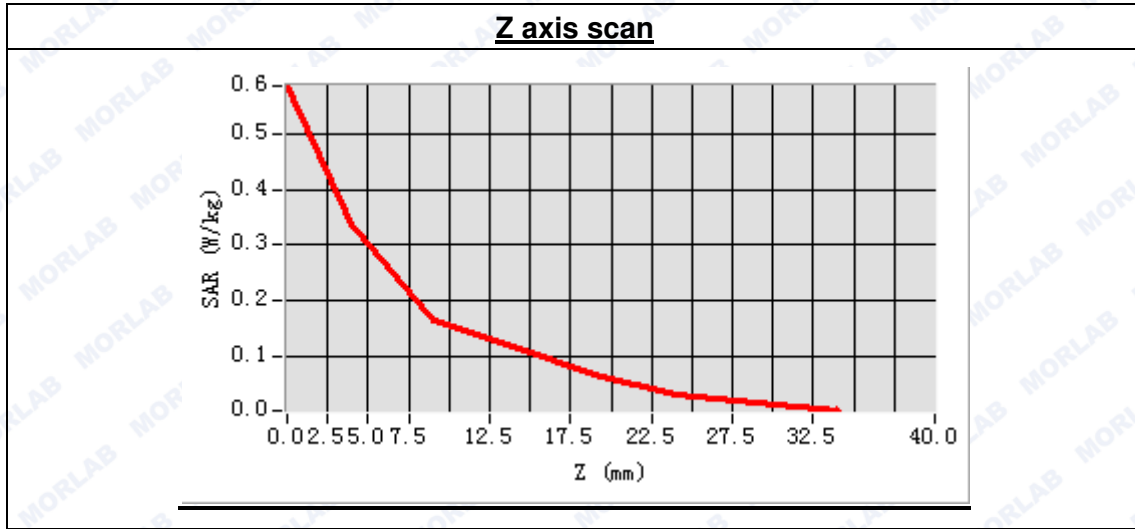




Maximum location: X=1.00, Y=-16.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.158435
SAR 1g (W/Kg)	0.333210



**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: 2016.04.28

Measurement duration: 9 minutes 30 seconds

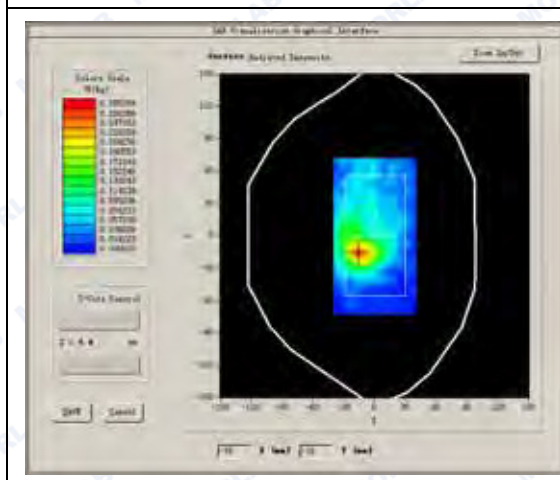
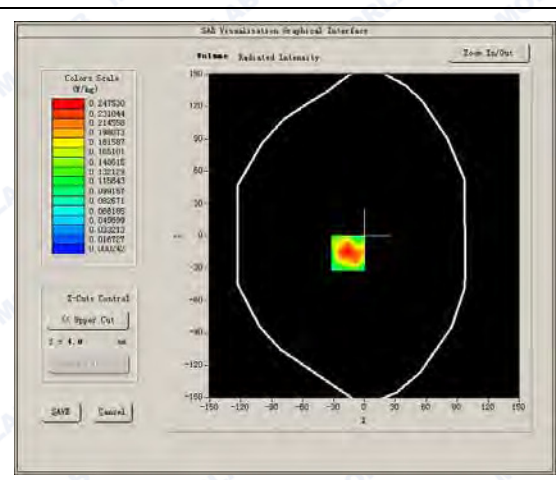
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

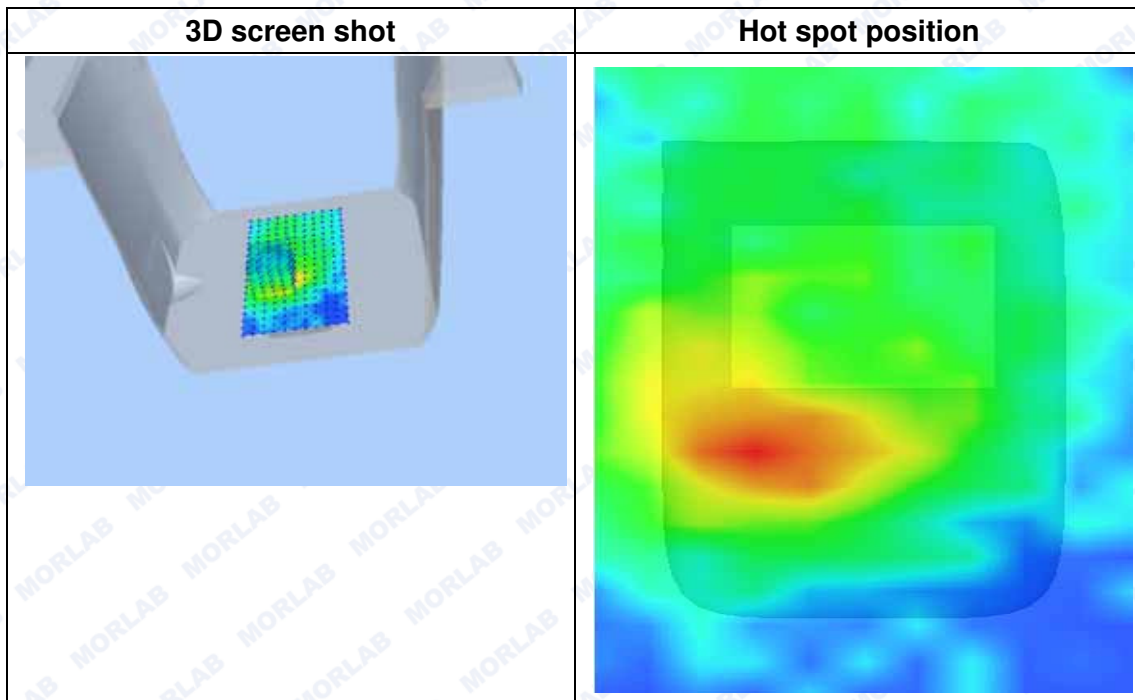
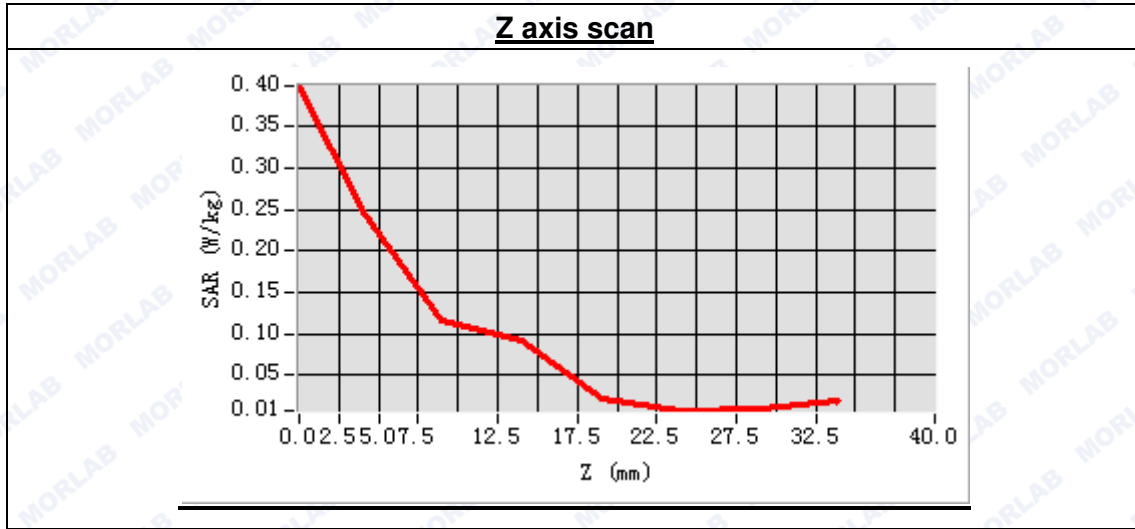
Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

**SURFACE SAR****VOLUME SAR**



Maximum location: X=-16.00, Y=-16.00  
SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.119542
SAR 1g (W/Kg)	0.255791



**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: 2016.04.28

Measurement duration: 9 minutes 29 seconds

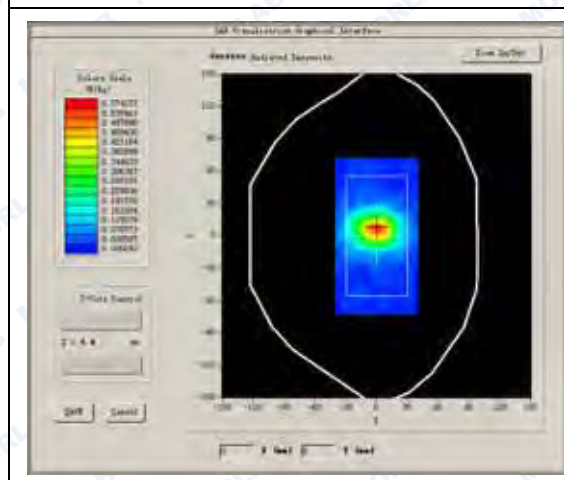
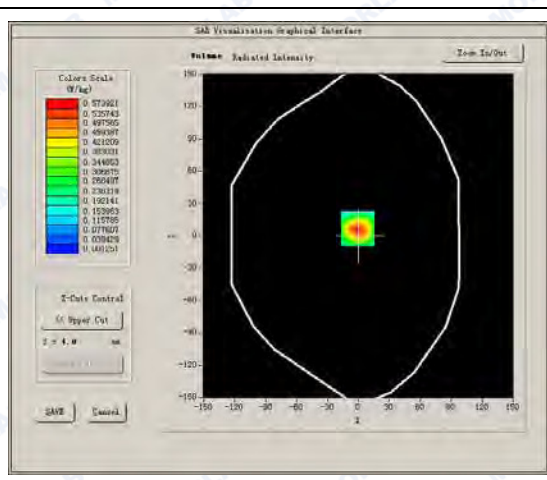
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

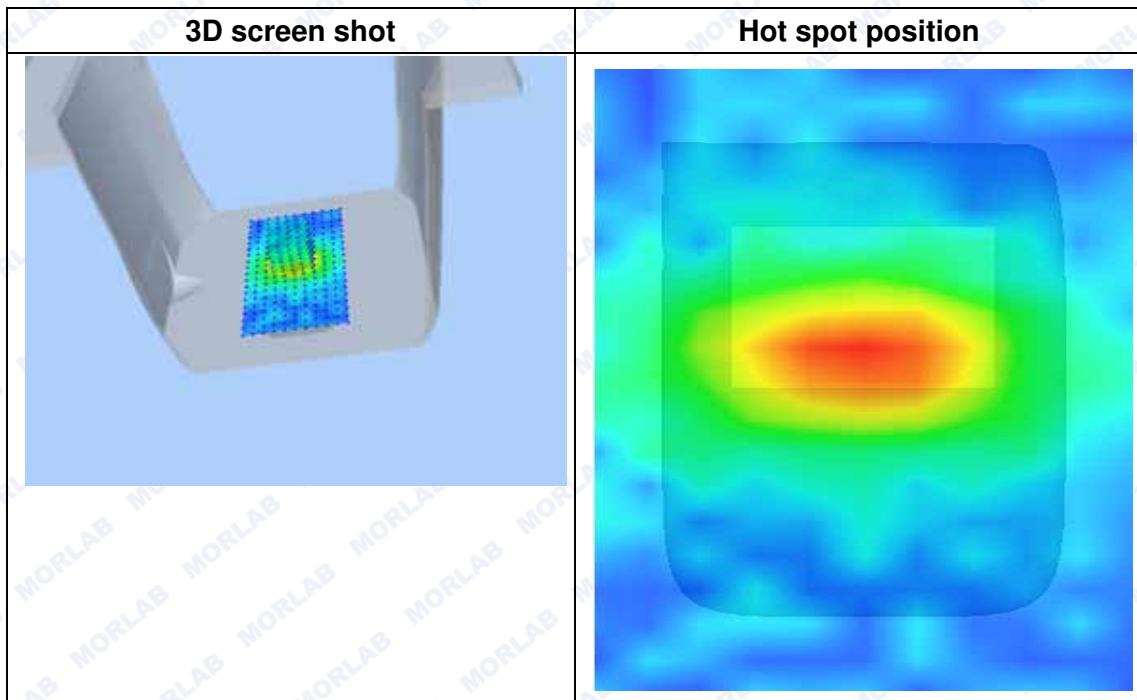
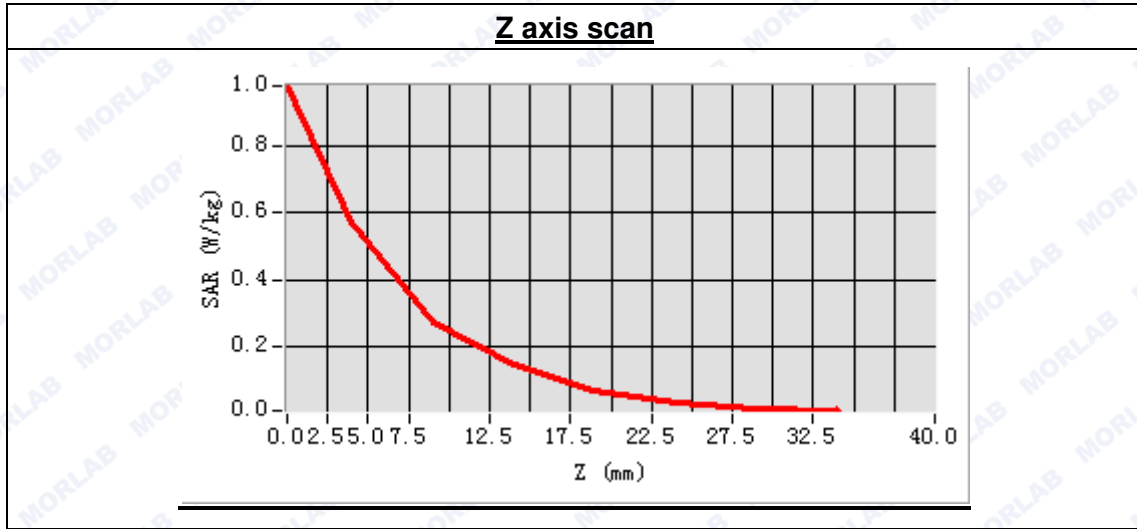
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-1.00, Y=7.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.262774
SAR 1g (W/Kg)	0.558619





**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: 2016.04.28

Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

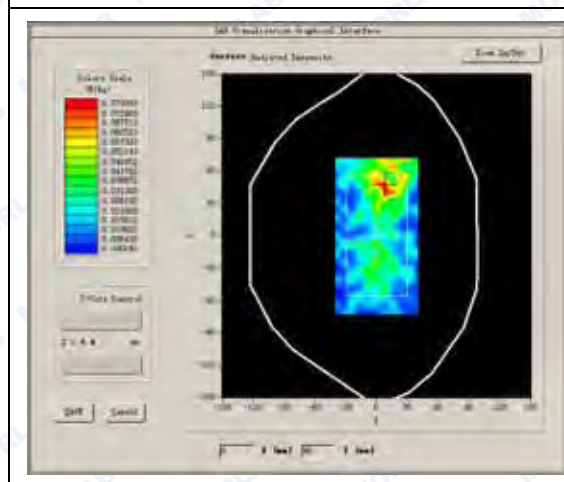
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

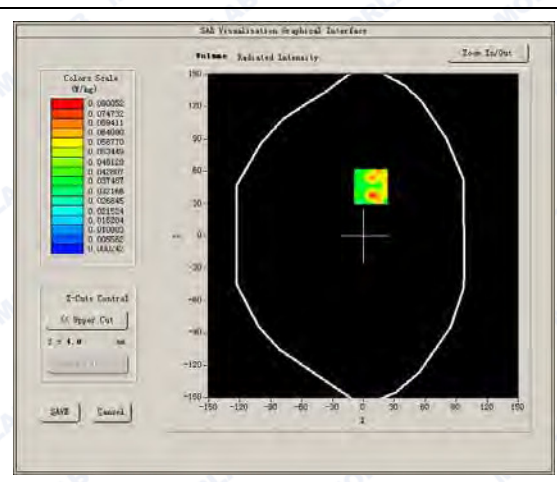
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**



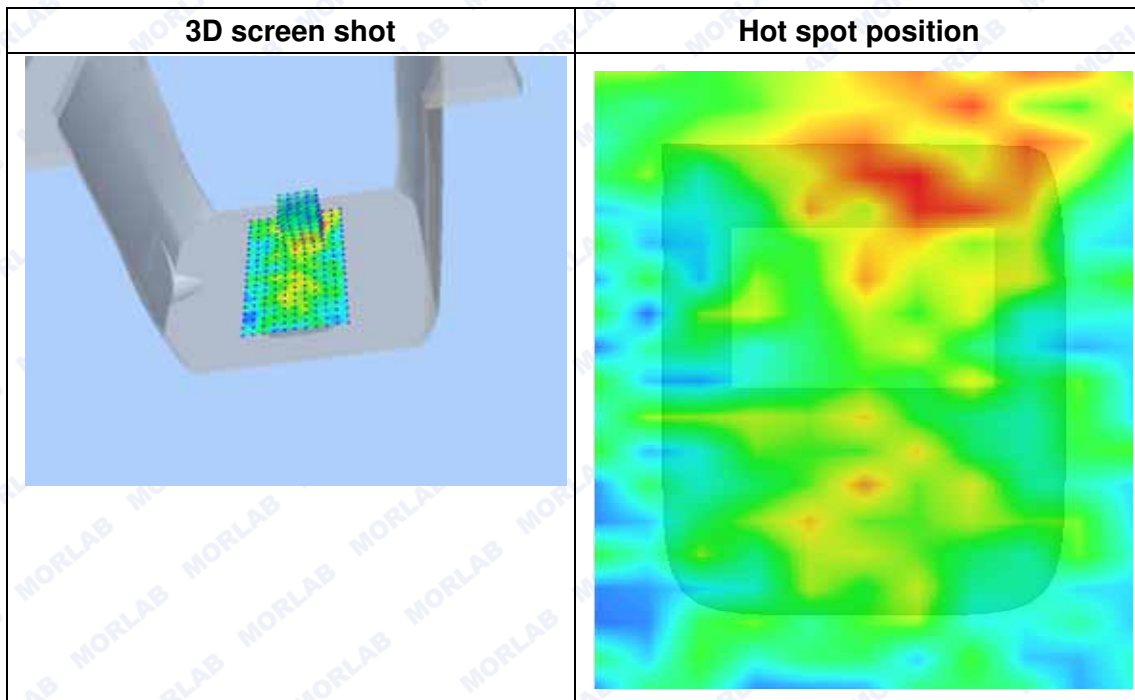
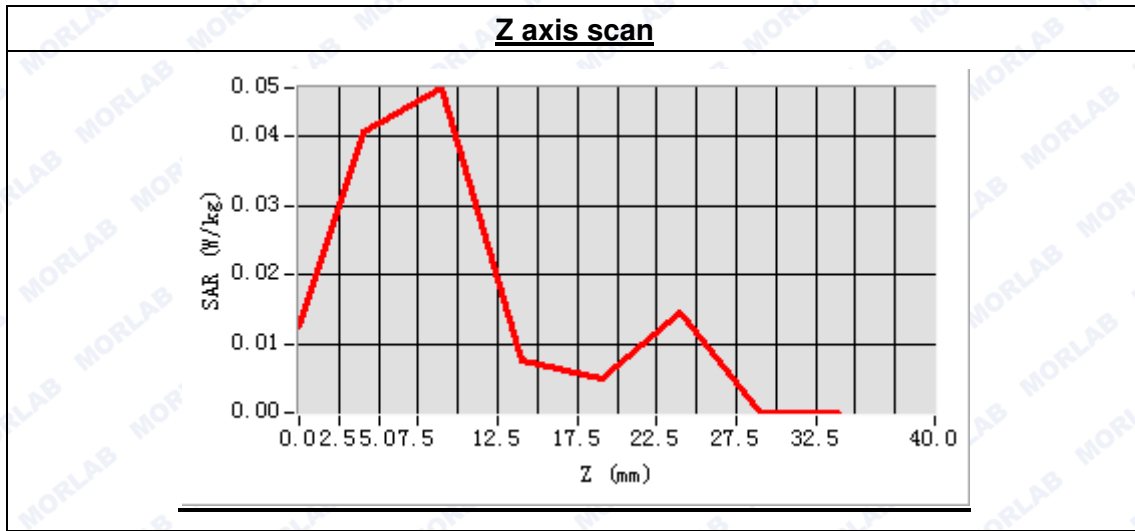


REPORT No. : SZ16040061S01

Maximum location: X=7.00, Y=46.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.034024
SAR 1g (W/Kg)	0.063860



**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: 2016.04.28

Measurement duration: 9 minutes 31 seconds

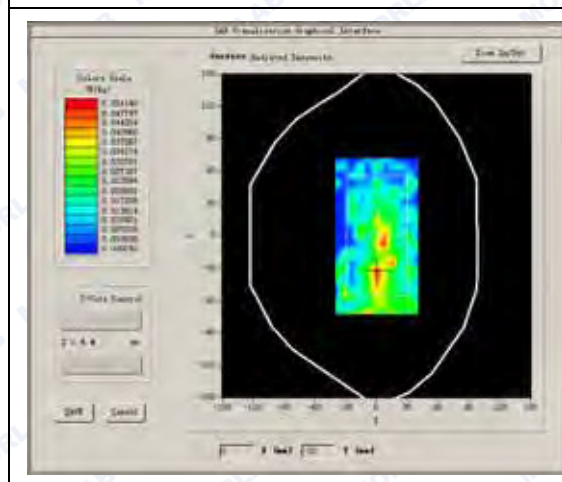
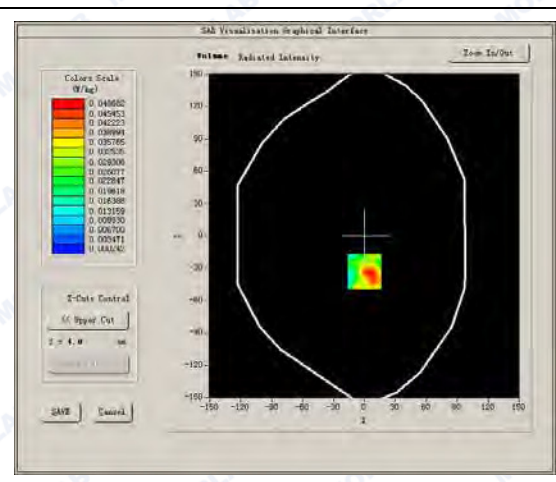
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:2

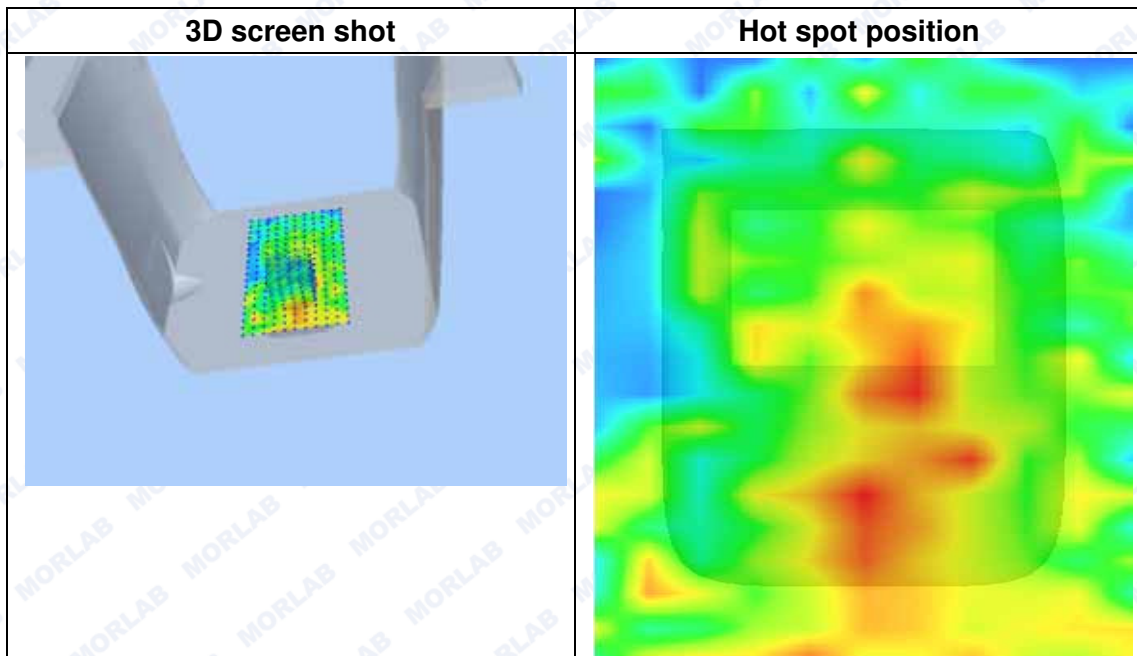
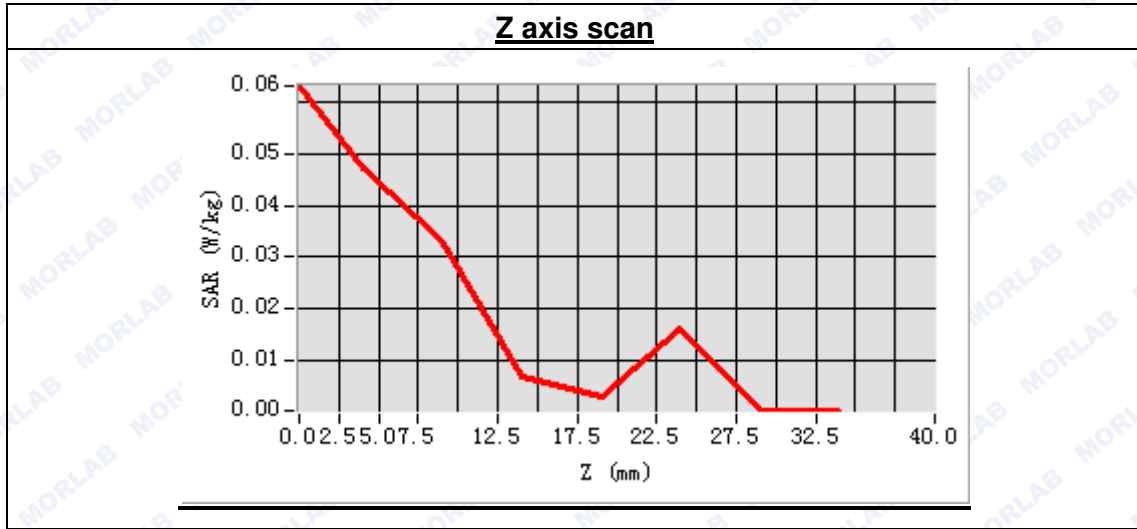
**SURFACE SAR****VOLUME SAR**



Maximum location: X=0.00, Y=-33.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.024586
SAR 1g (W/Kg)	0.055106



**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: 2016.04.27

Measurement duration: 9 minutes 18 seconds

**A. Experimental conditions.**

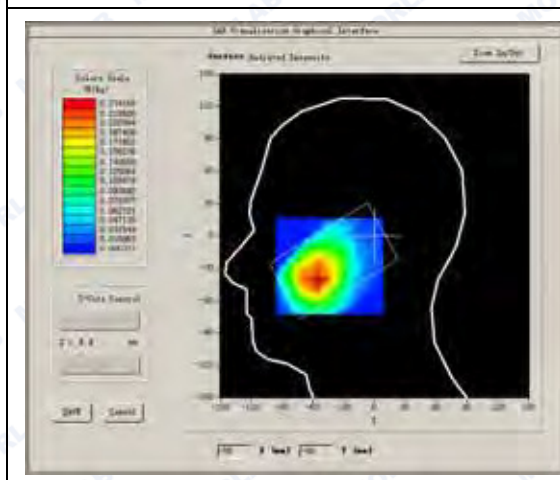
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

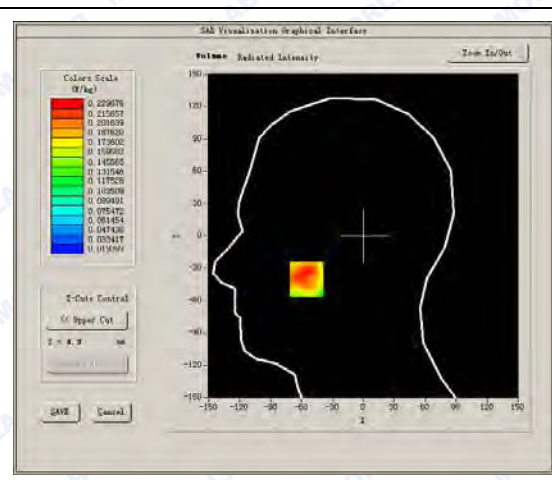
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift (%)</b>	1.430000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:1

**SURFACE SAR**



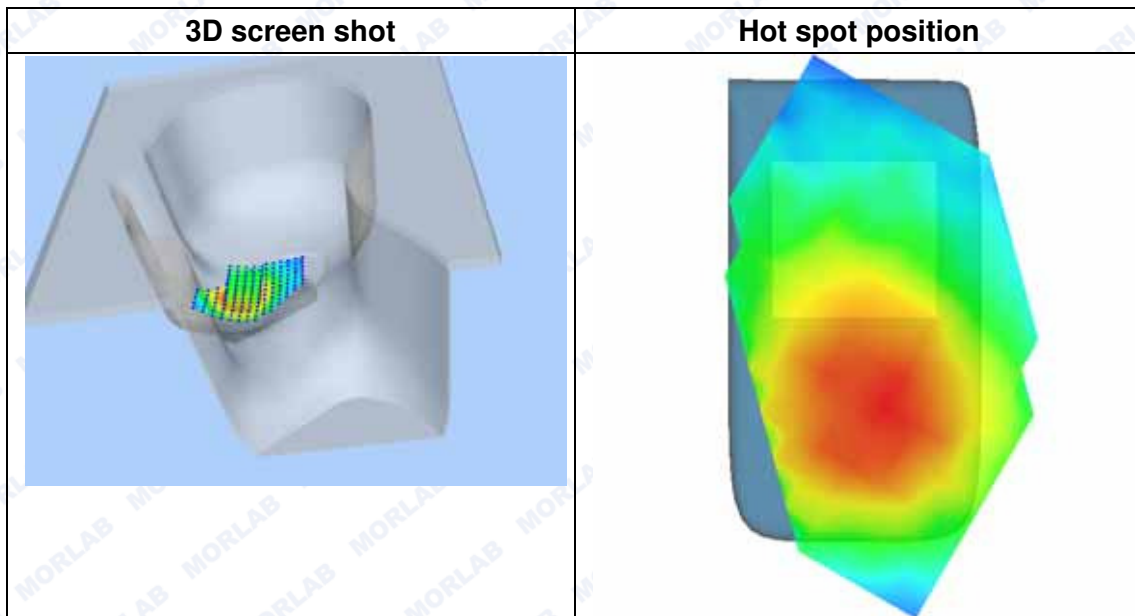
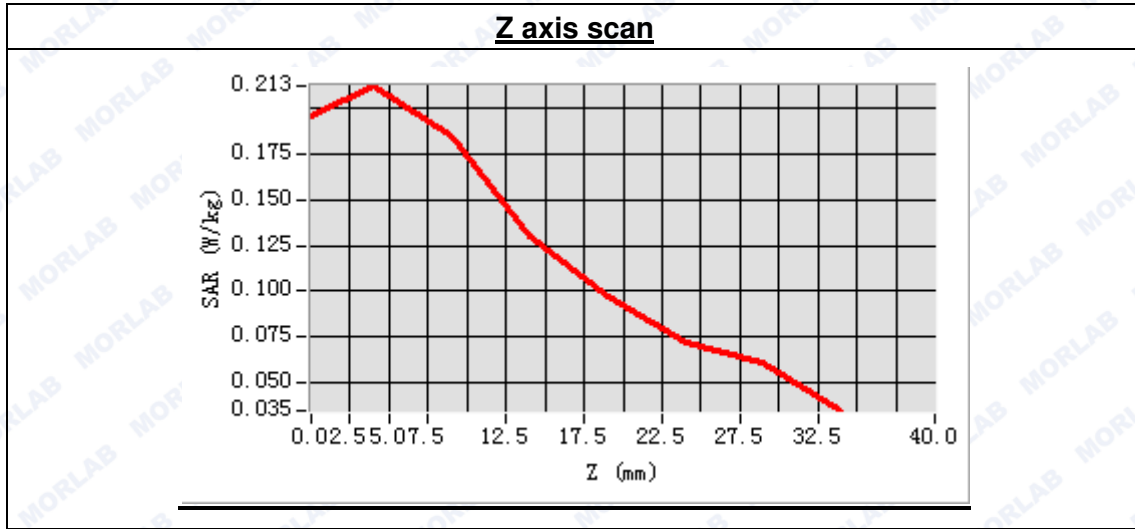
**VOLUME SAR**





Maximum location: X=-55.00, Y=-40.00  
SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.154165
SAR 1g (W/Kg)	0.221724





**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: 2016.04.27

Measurement duration: 8 minutes 14 seconds

**A. Experimental conditions.**

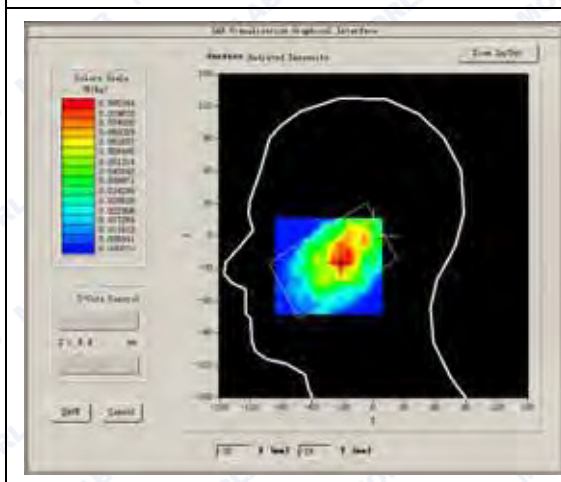
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

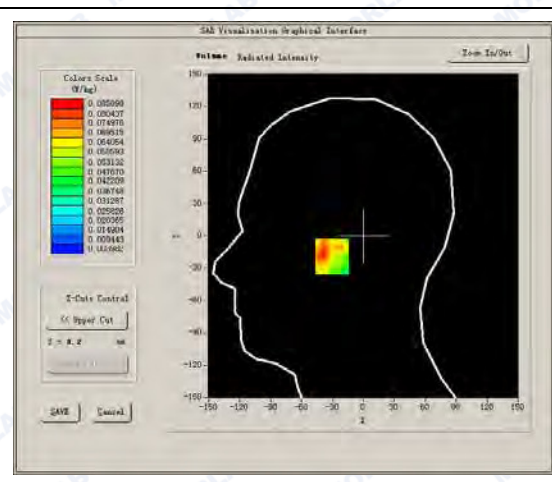
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift (%)</b>	-2.940000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**





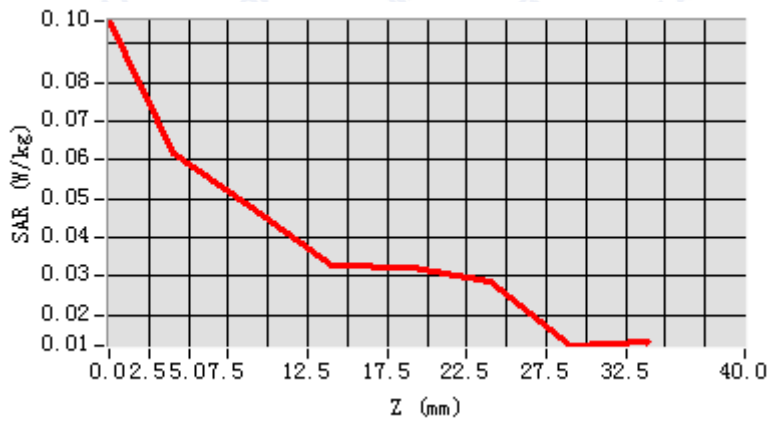
REPORT No. : SZ16040061S01

Maximum location: X=-24.00, Y=-19.00

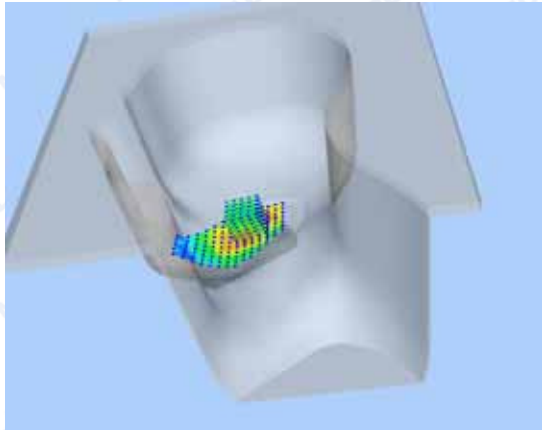
SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.052960
SAR 1g (W/Kg)	0.081751

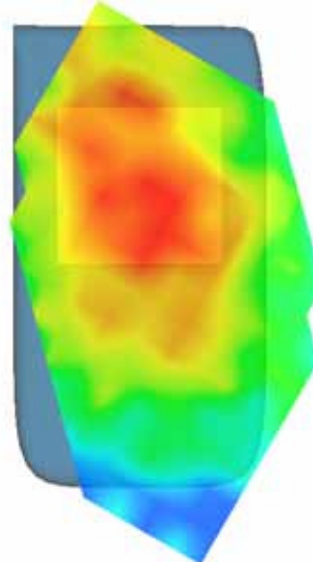
**Z axis scan**



**3D screen shot**



**Hot spot position**







**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: 2016.04.27

Measurement duration: 8 minutes 57 seconds

**A. Experimental conditions.**

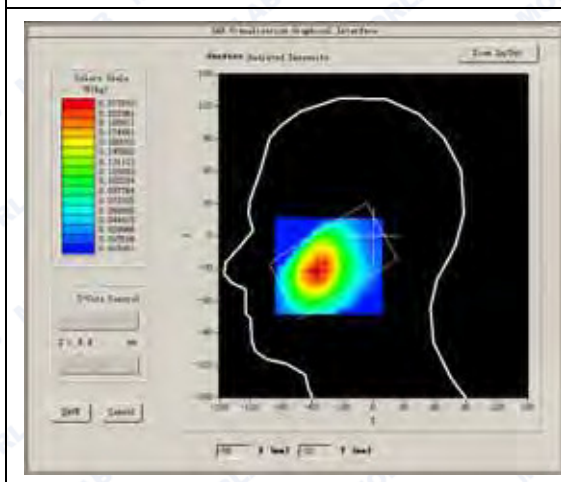
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

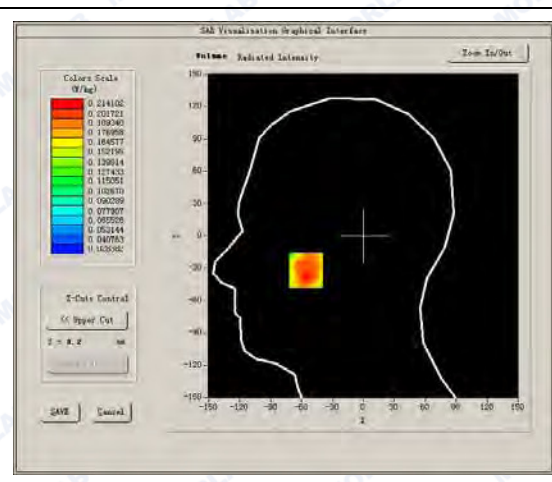
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift (%)</b>	2.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**



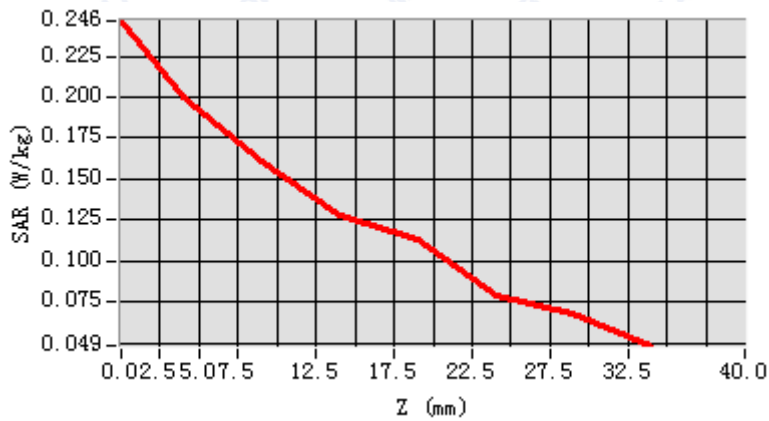


Maximum location: X=-56.00, Y=-32.00

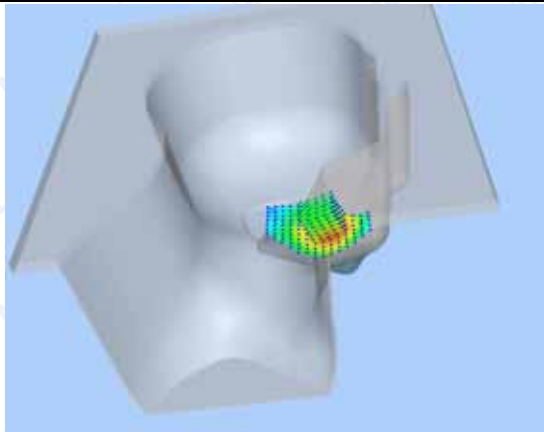
SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.149503
SAR 1g (W/Kg)	0.206068

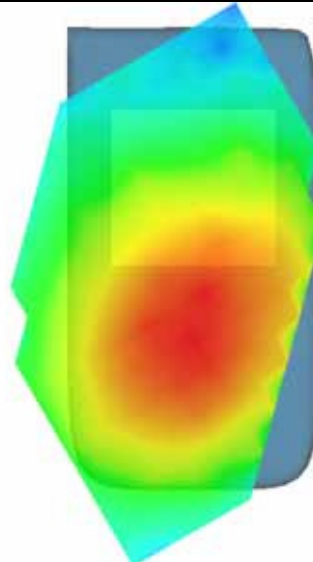
**Z axis scan**



**3D screen shot**



**Hot spot position**





**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: 2016.04.27

Measurement duration: 8 minutes 20 seconds

**A. Experimental conditions.**

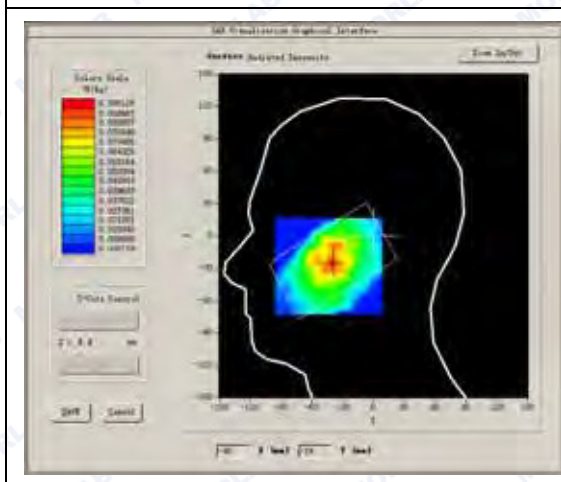
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

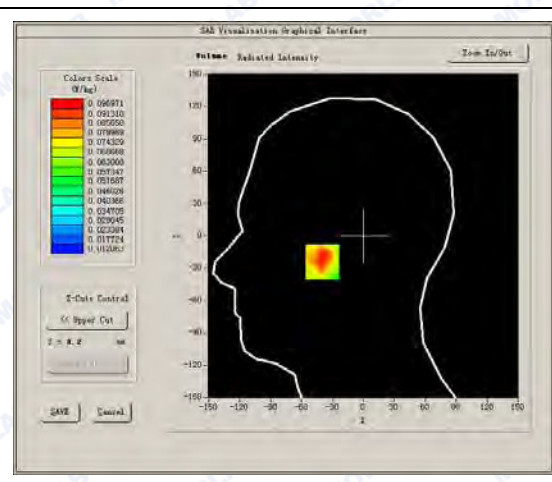
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	41.362849
<b>Conductivity (S/m)</b>	0.913725
<b>Power drift (%)</b>	-3.550000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.74
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**



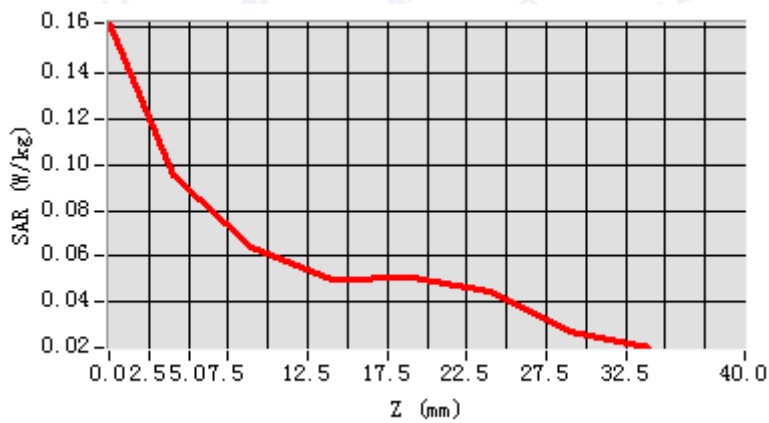


Maximum location: X=-40.00, Y=-24.00

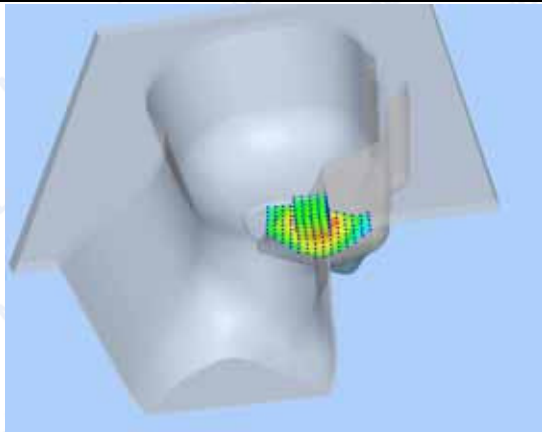
SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.062830
SAR 1g (W/Kg)	0.096177

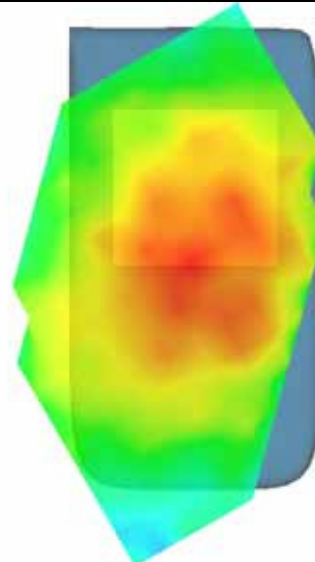
**Z axis scan**



**3D screen shot**



**Hot spot position**



**MEASUREMENT 27**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.27

Measurement duration: 9 minutes 28 seconds

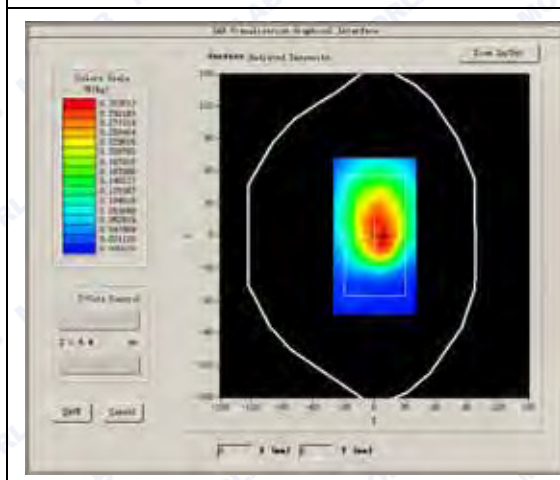
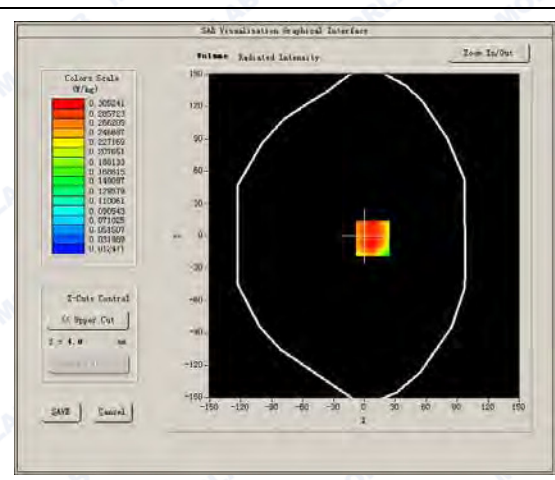
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	0.130000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.93
<b>Crest factor:</b>	1:1

**SURFACE SAR****VOLUME SAR**



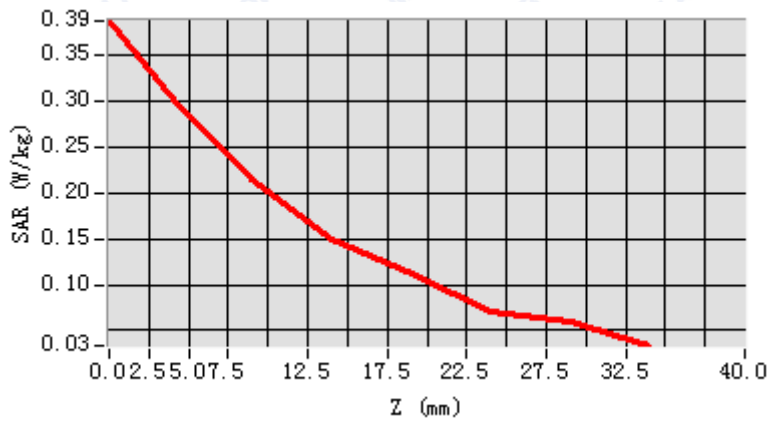
REPORT No. : SZ16040061S01

Maximum location: X=8.00, Y=-2.00

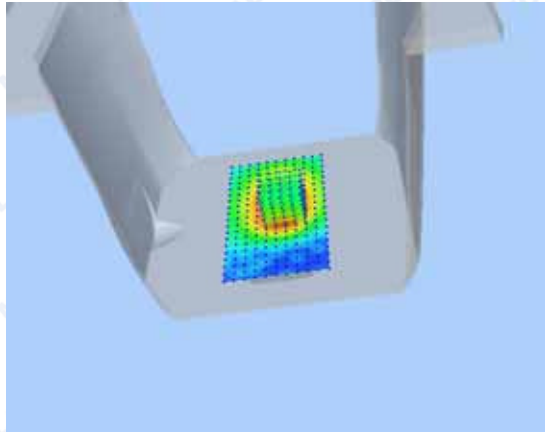
SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.221011
SAR 1g (W/Kg)	0.319138

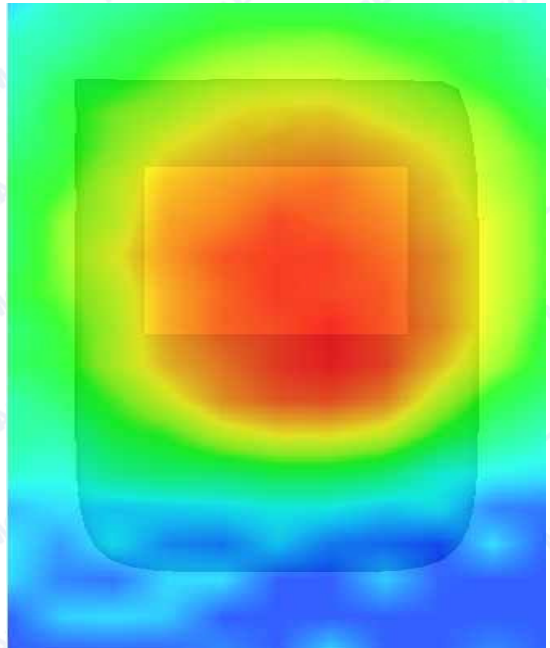
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2016.04.27

Measurement duration: 9 minutes 32 seconds

**A. Experimental conditions.**

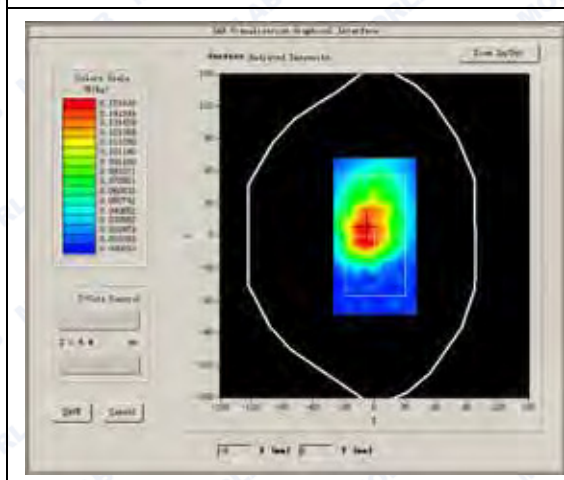
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

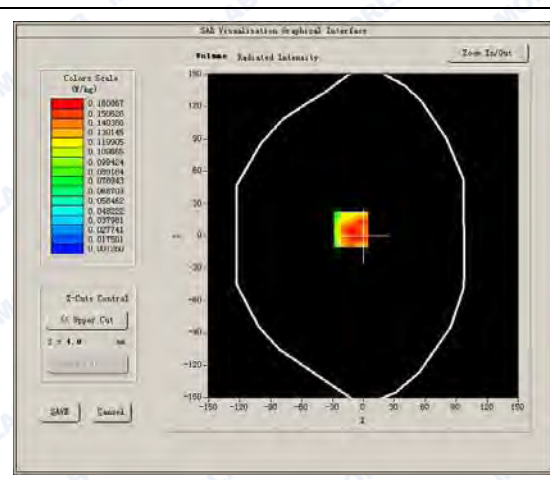
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	0.130000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.93
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

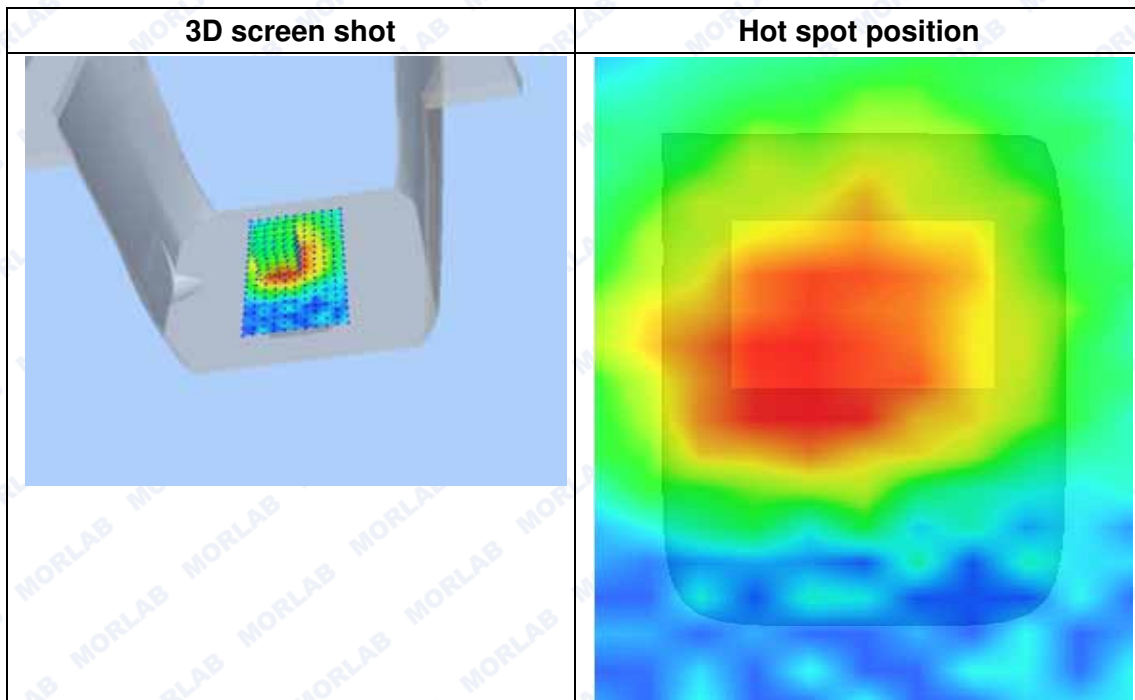
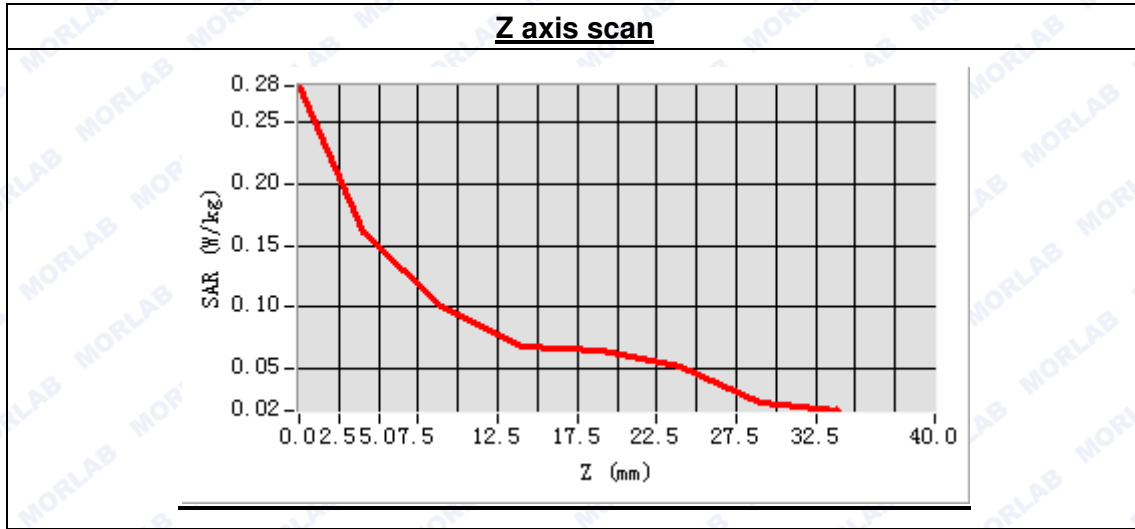




Maximum location: X=-12.00, Y=6.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.112677
SAR 1g (W/Kg)	0.176473





**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: 2016.04.27

Measurement duration: 9 minutes 26 seconds

**A. Experimental conditions.**

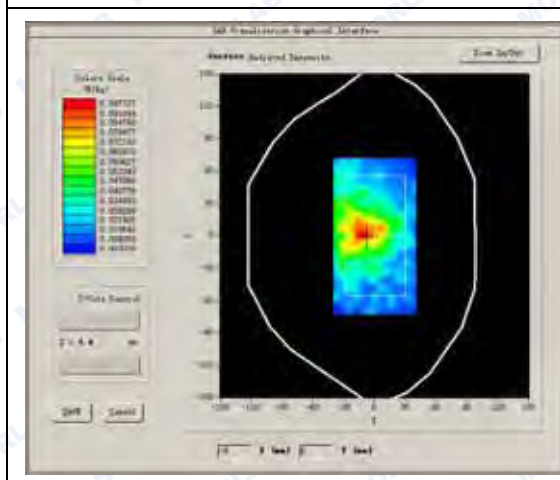
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

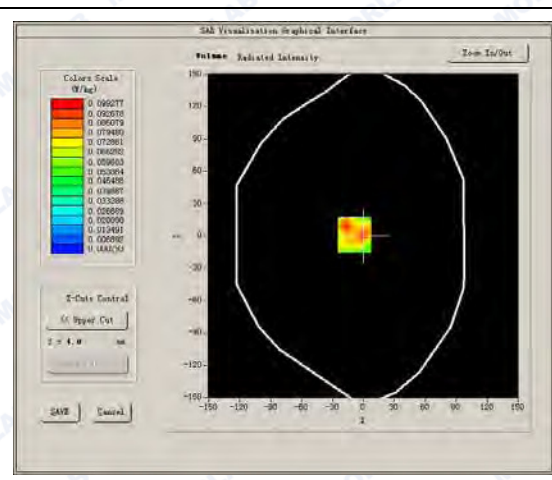
Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	0.130000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.93
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

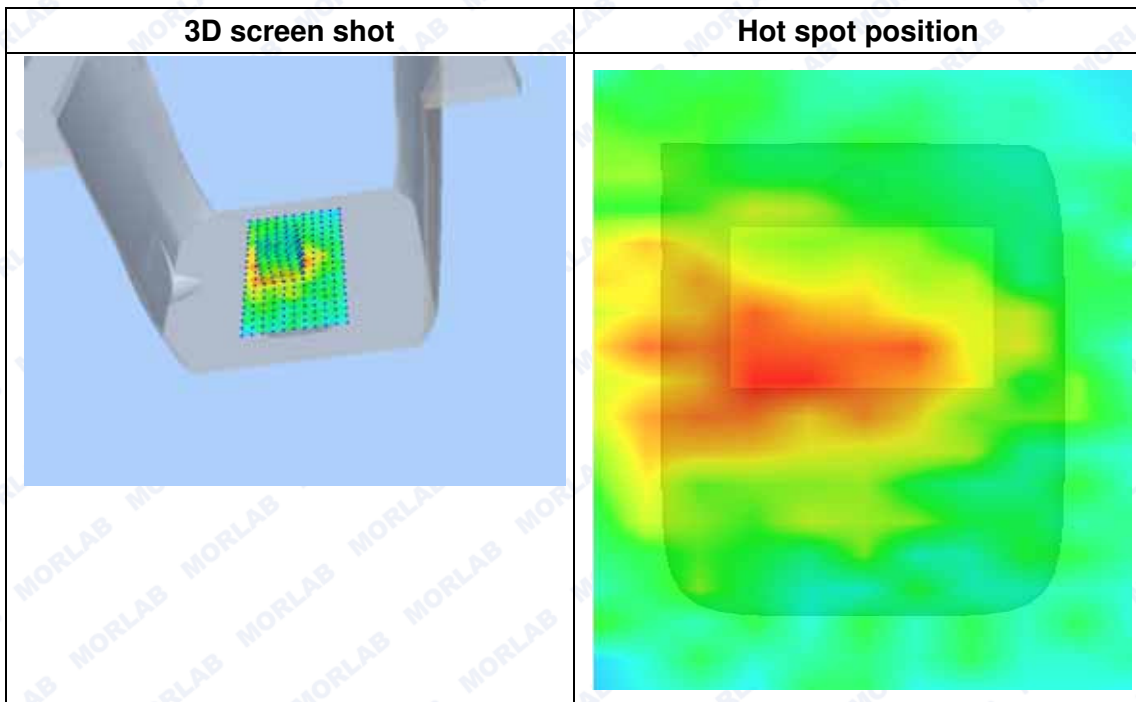
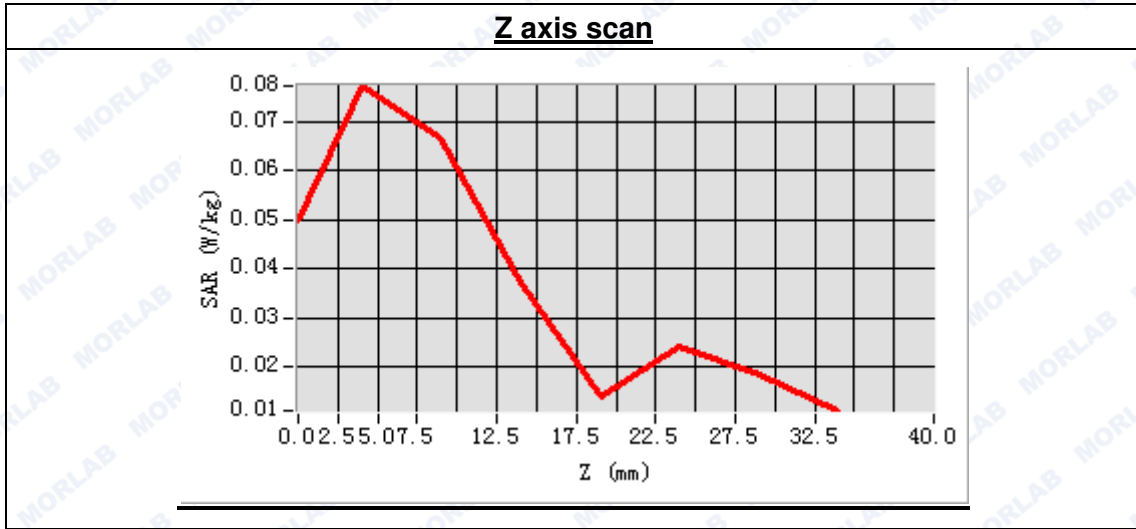




Maximum location: X=-9.00, Y=1.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.057561
SAR 1g (W/Kg)	0.104180



**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: 2016.04.27

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

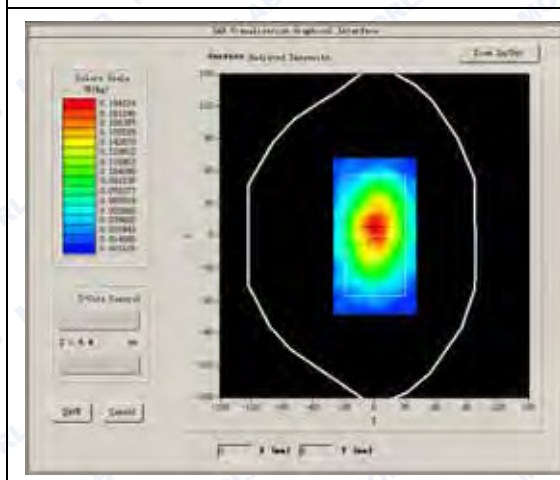
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

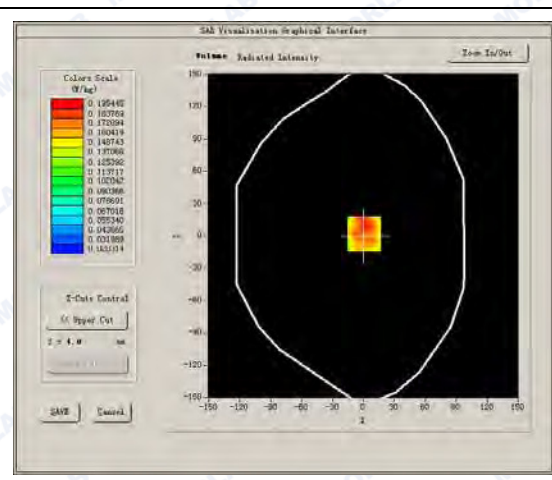
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.691823
Conductivity (S/m)	0.973824
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

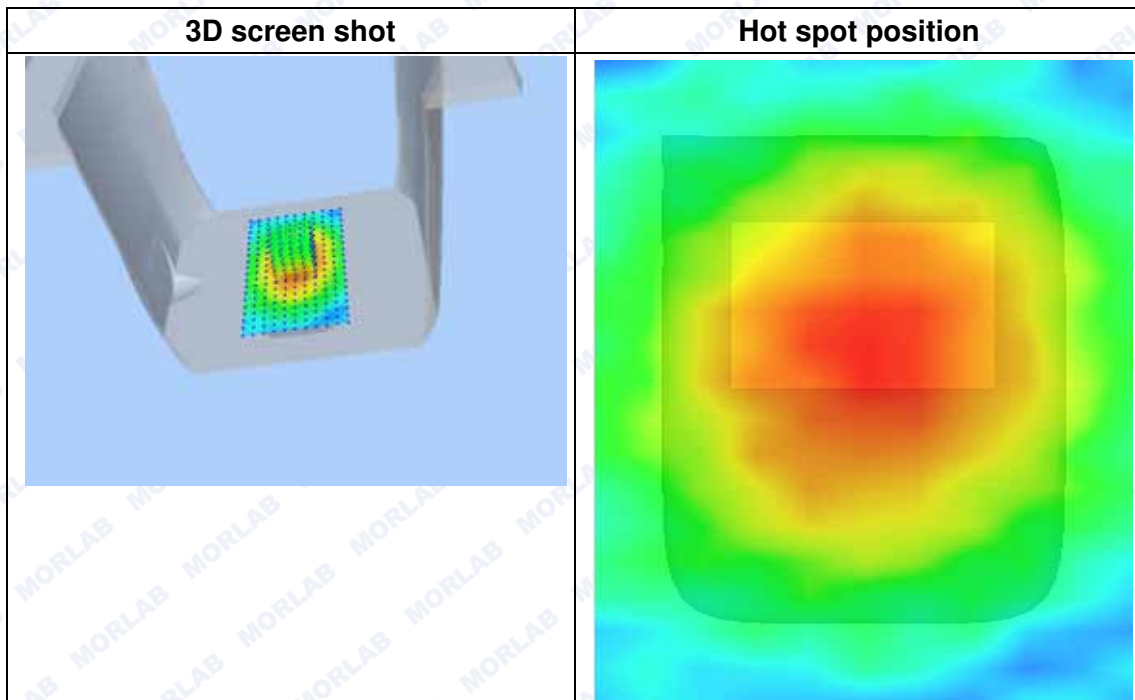
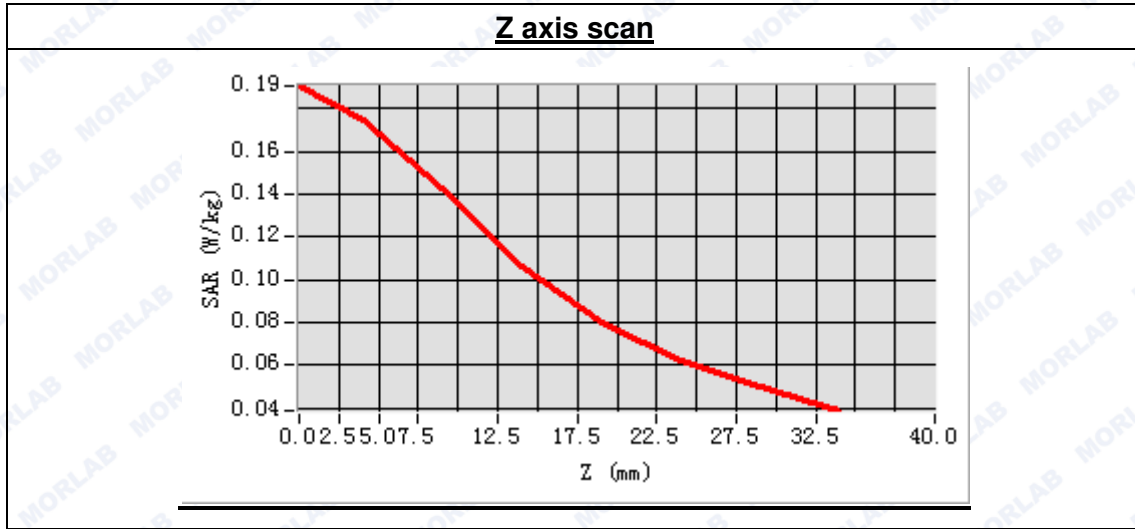




Maximum location: X=1.00, Y=2.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.134941
SAR 1g (W/Kg)	0.194775





**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: 2016.04.27

Measurement duration: 9 minutes 30 seconds

**A. Experimental conditions.**

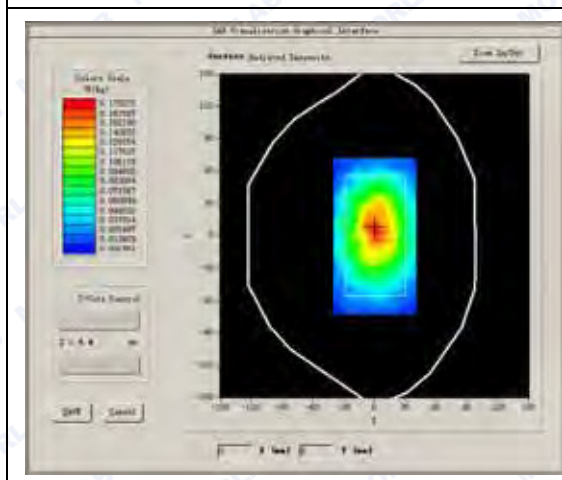
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

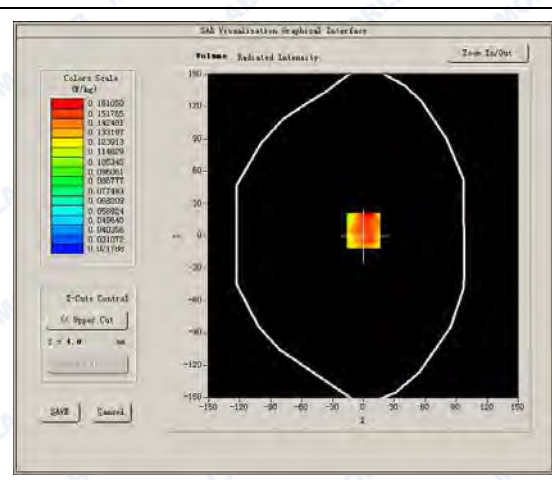
Middle Band SAR (Channel 4182):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.691823
Conductivity (S/m)	0.973824
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.93
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**



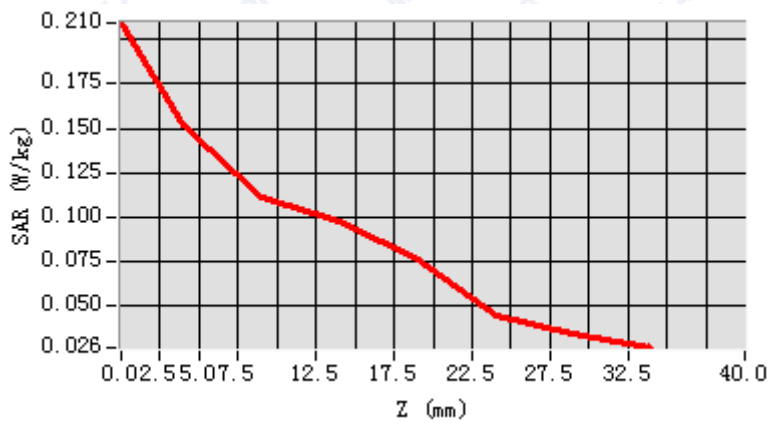


Maximum location: X=0.00, Y=5.00

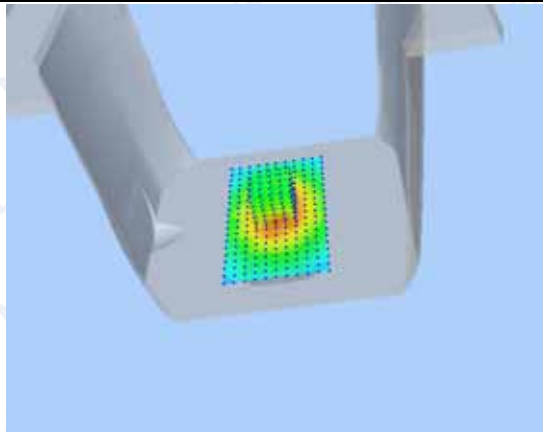
SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.116772
SAR 1g (W/Kg)	0.165991

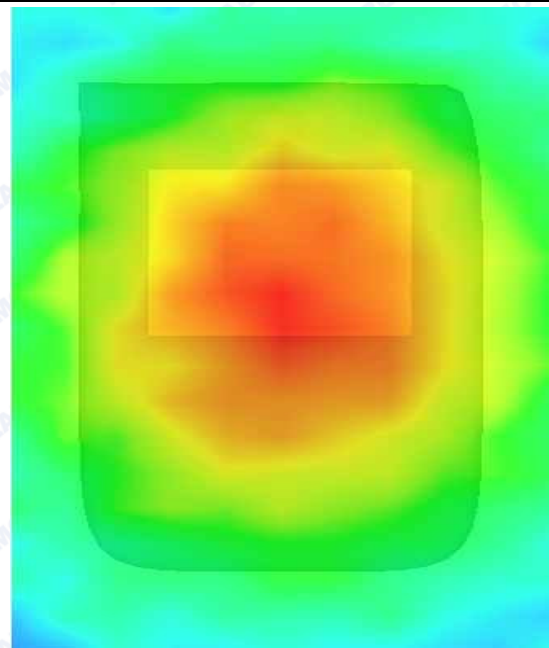
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2016.04.28

Measurement duration: 9 minutes 6 seconds

**A. Experimental conditions.**

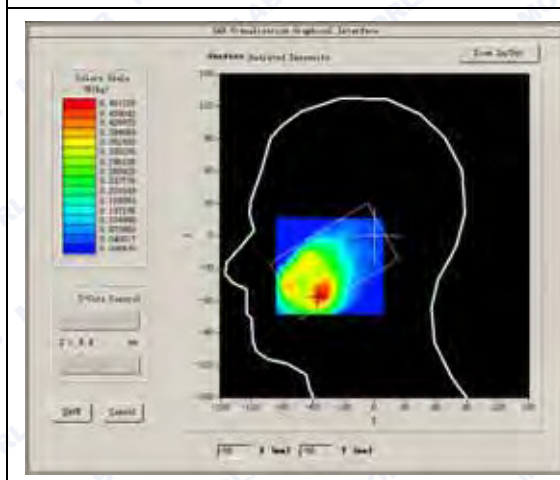
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

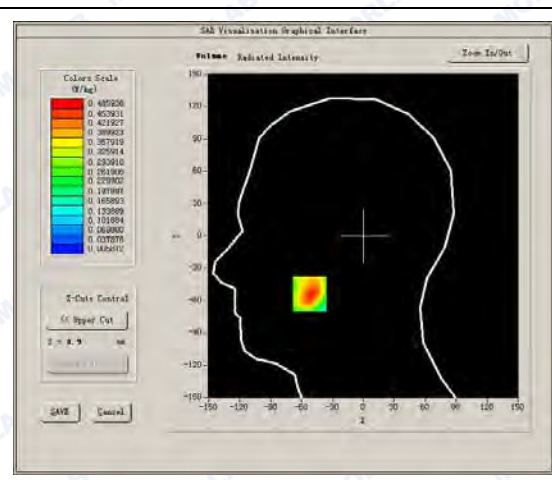
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift (%)</b>	2.090000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

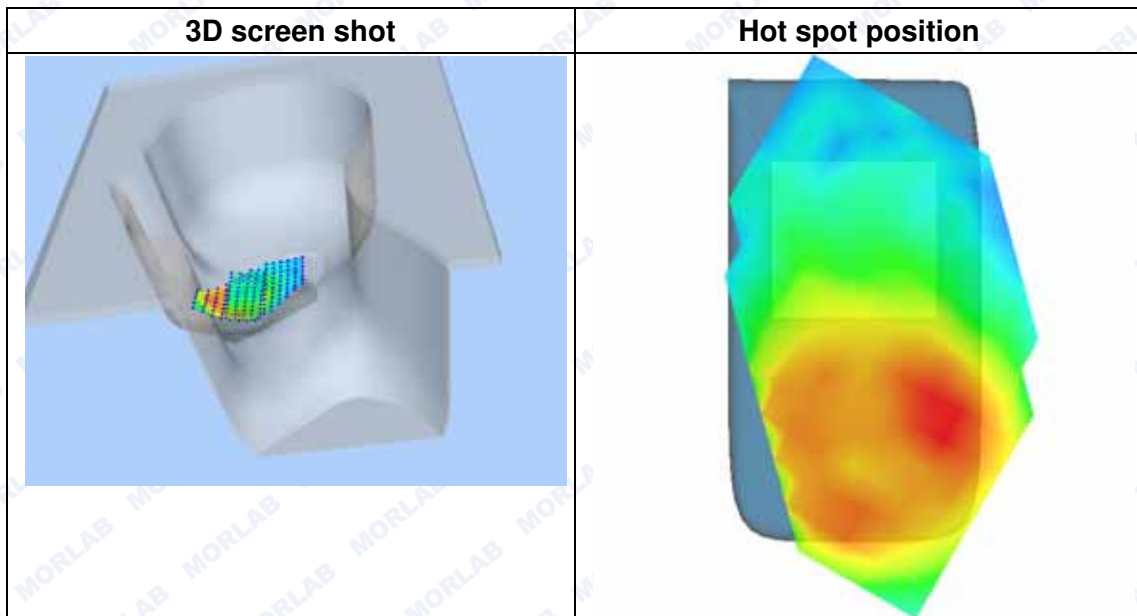
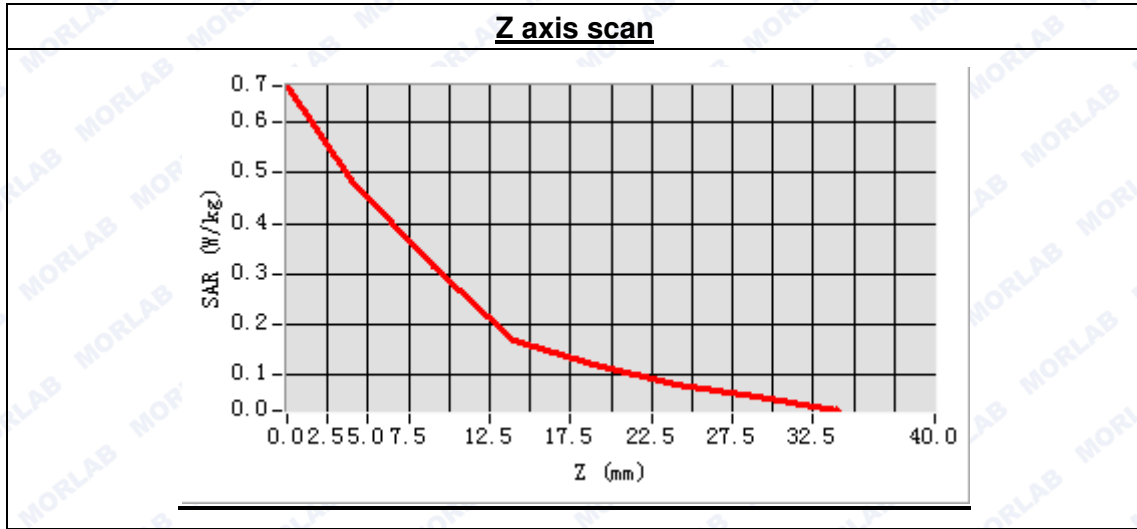




Maximum location: X=-52.00, Y=-54.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.251862
SAR 1g (W/Kg)	0.470554





**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: 2016.04.28

Measurement duration: 7 minutes 54 seconds

**A. Experimental conditions.**

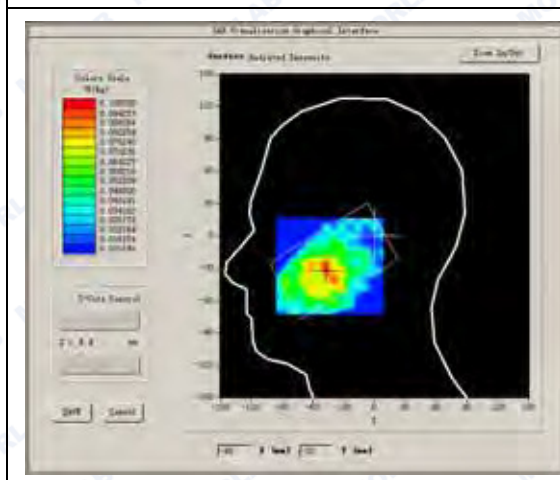
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

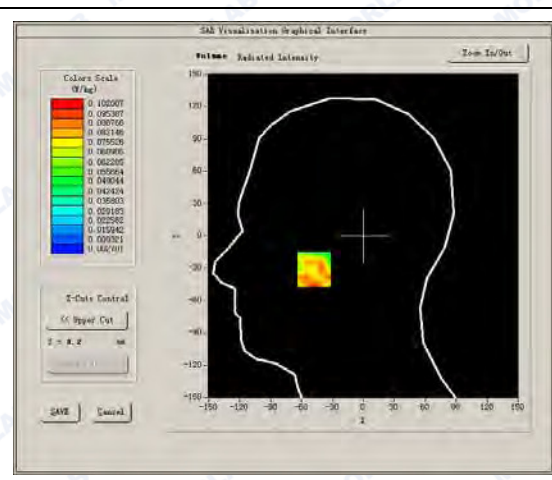
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift (%)</b>	-2.710000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

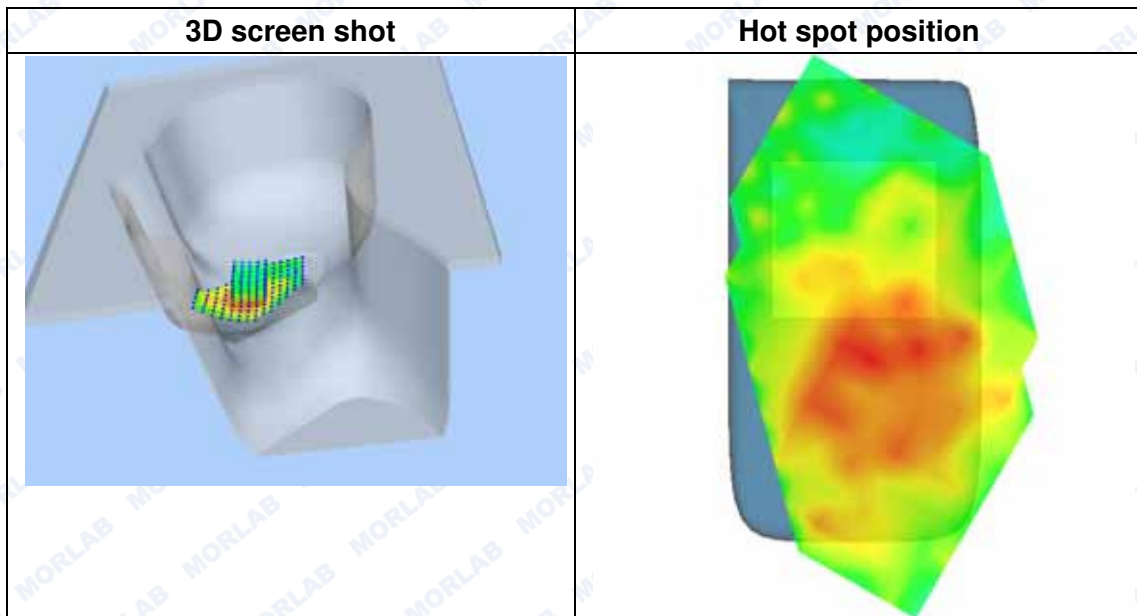
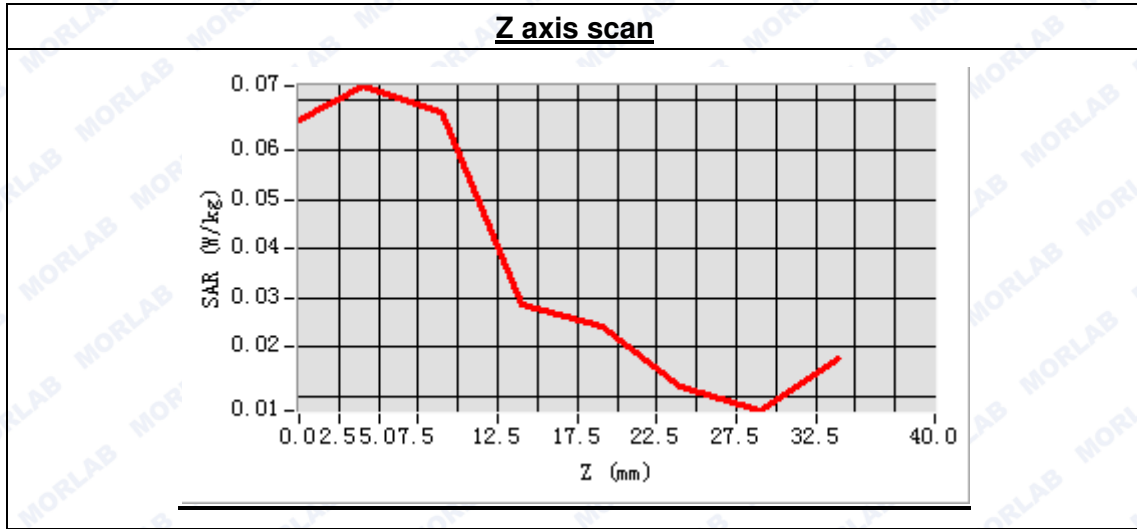




Maximum location: X=-48.00, Y=-31.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.053884
SAR 1g (W/Kg)	0.086747





**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: 2016.04.28

Measurement duration: 9 minutes 37 seconds

**A. Experimental conditions.**

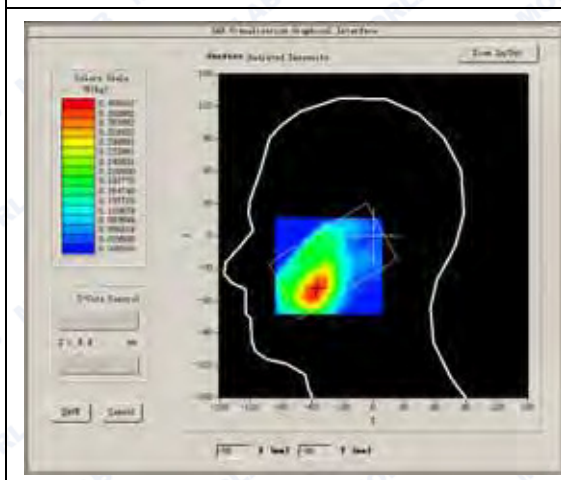
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

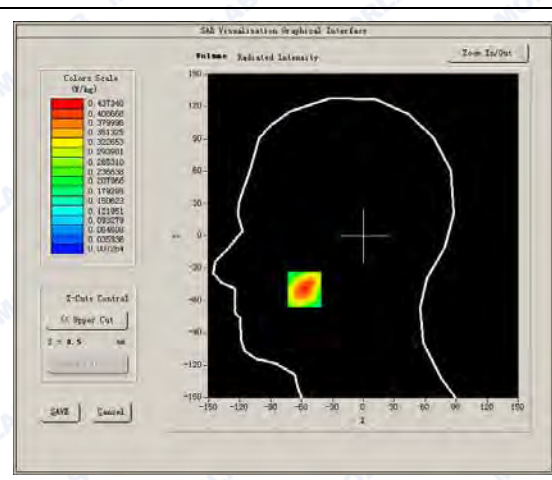
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift (%)</b>	1.240000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

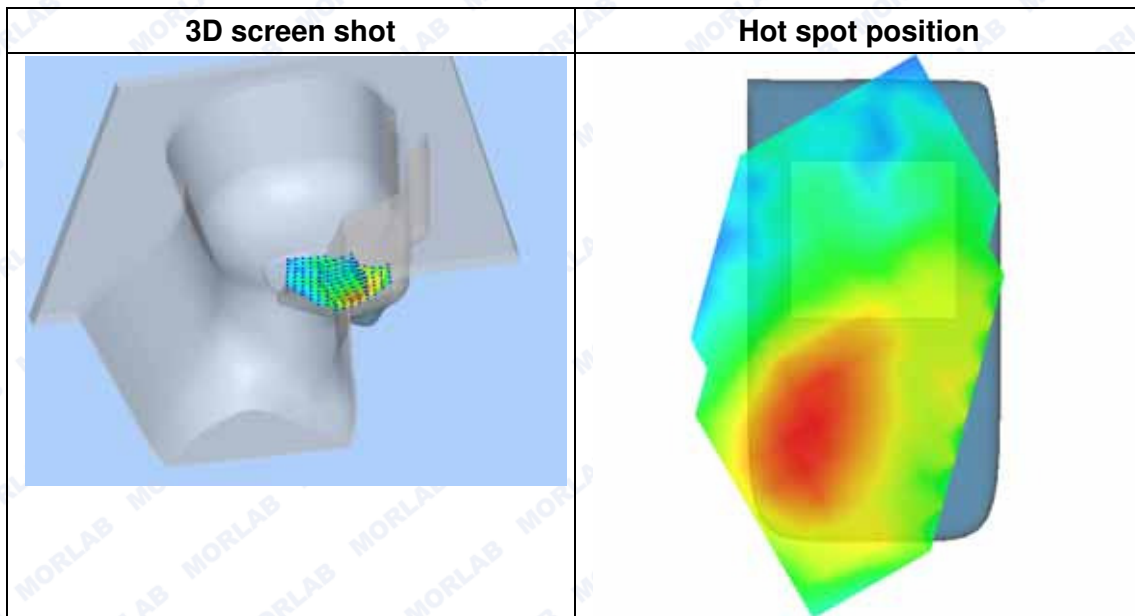
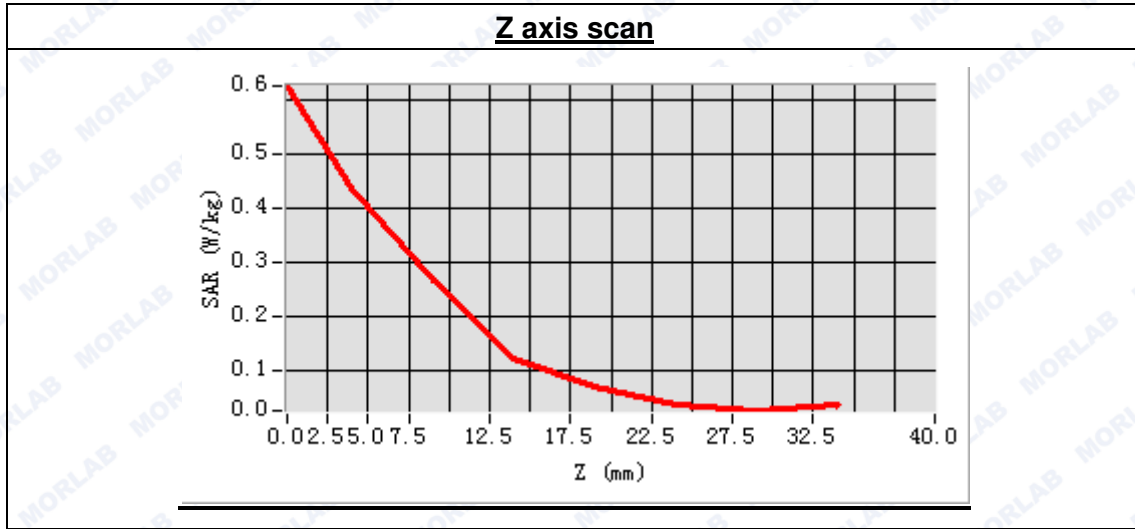




Maximum location: X=-57.00, Y=-50.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.224479
SAR 1g (W/Kg)	0.408755



**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: 2016.04.28

Measurement duration: 7 minutes 51 seconds

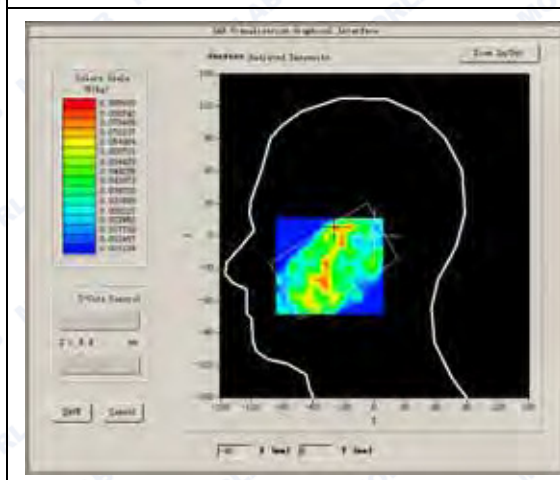
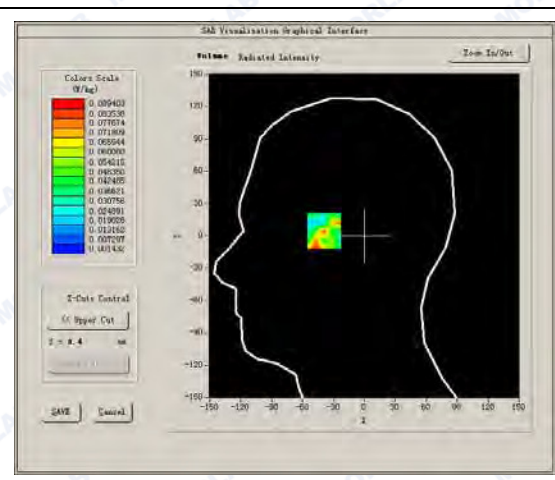
**A. Experimental conditions.**

<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>	39.981672
<b>Conductivity (S/m)</b>	1.410935
<b>Power drift (%)</b>	3.480000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.00
<b>Crest factor:</b>	1:1

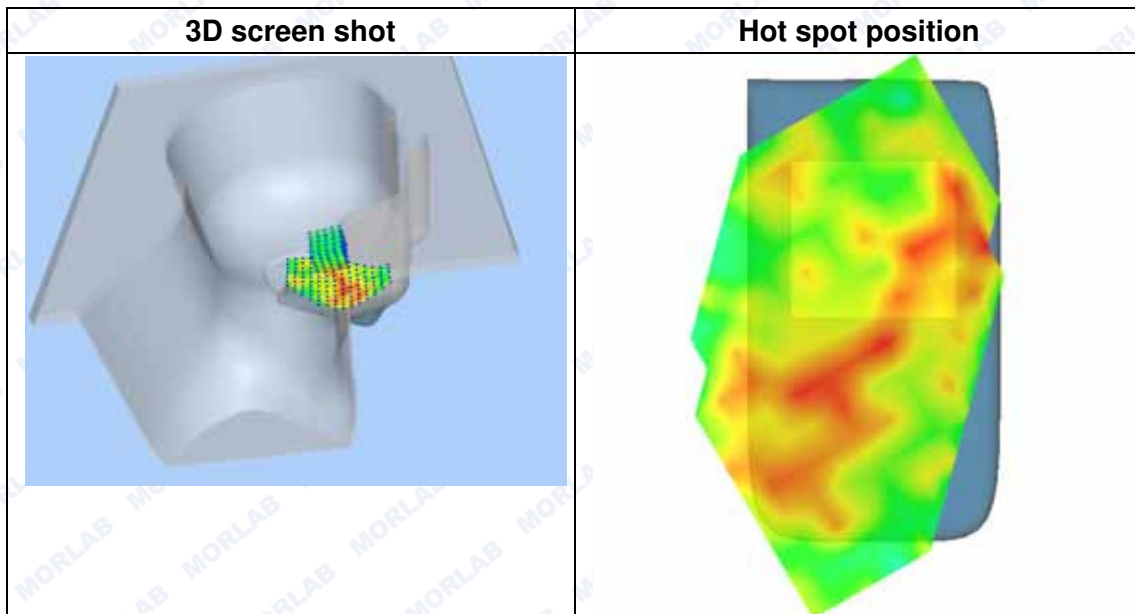
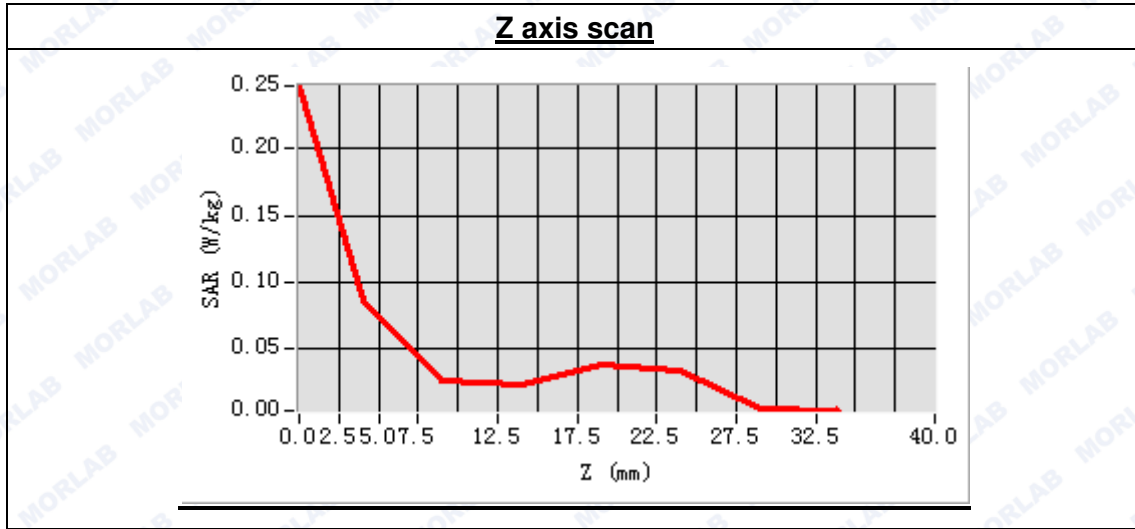
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-39.00, Y=8.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.040771
SAR 1g (W/Kg)	0.084393





**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: 2016.04.28

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

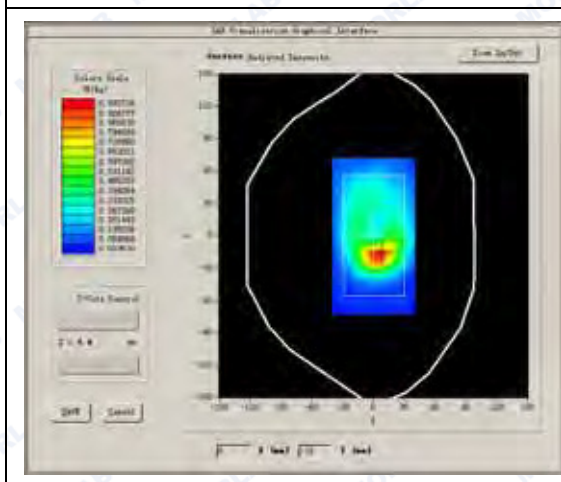
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Low
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

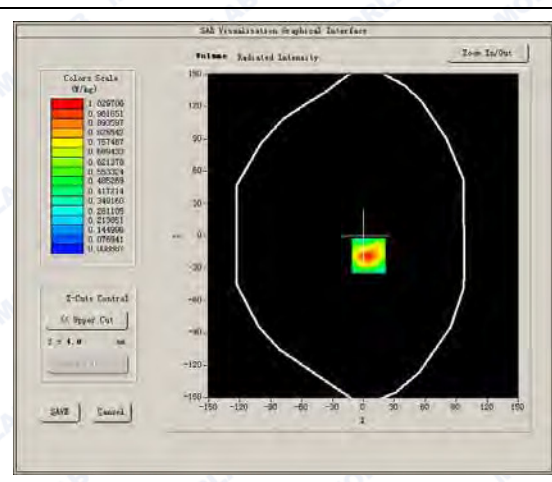
Low Band SAR (Channel 9262):

<b>Frequency (MHz)</b>	1852.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**



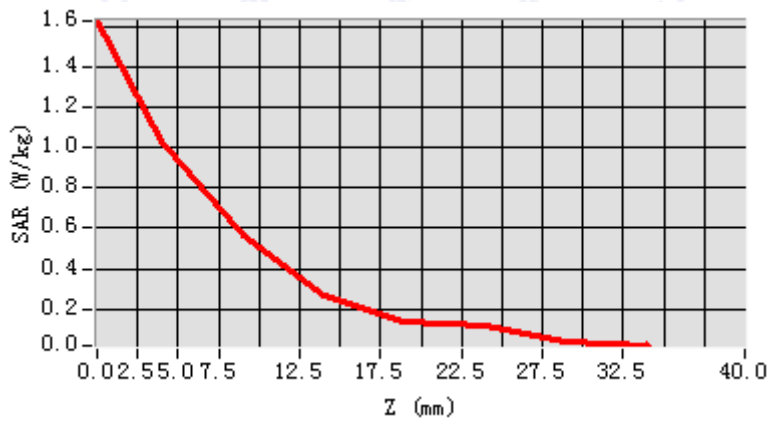


Maximum location: X=5.00, Y=-18.00

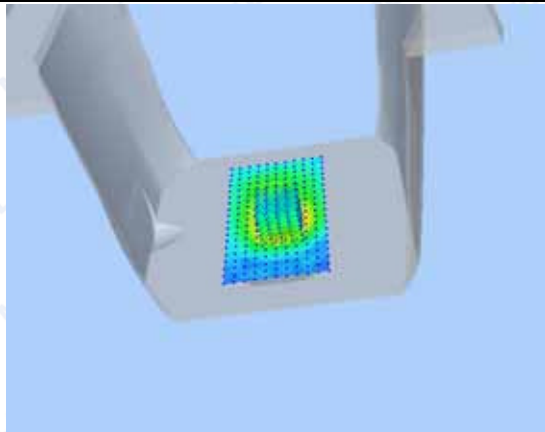
SAR Peak: 1.78 W/kg

SAR 10g (W/Kg)	0.518207
SAR 1g (W/Kg)	1.037567

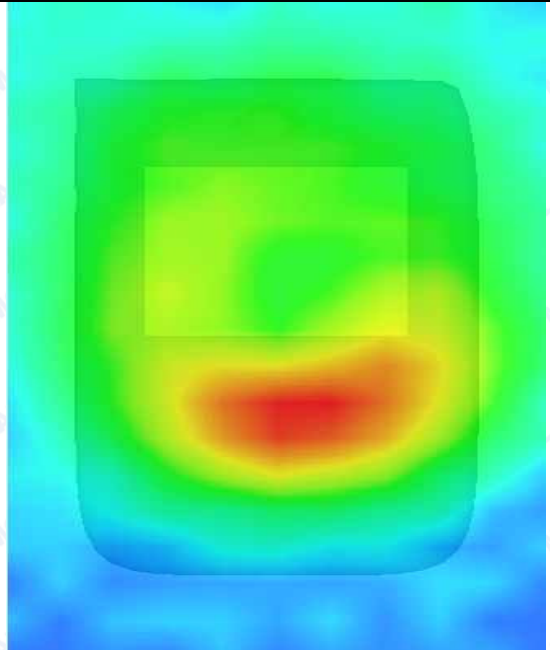
**Z axis scan**



**3D screen shot**



**Hot spot position**







**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: 2016.04.28  
 Measurement duration: 9 minutes 29 seconds

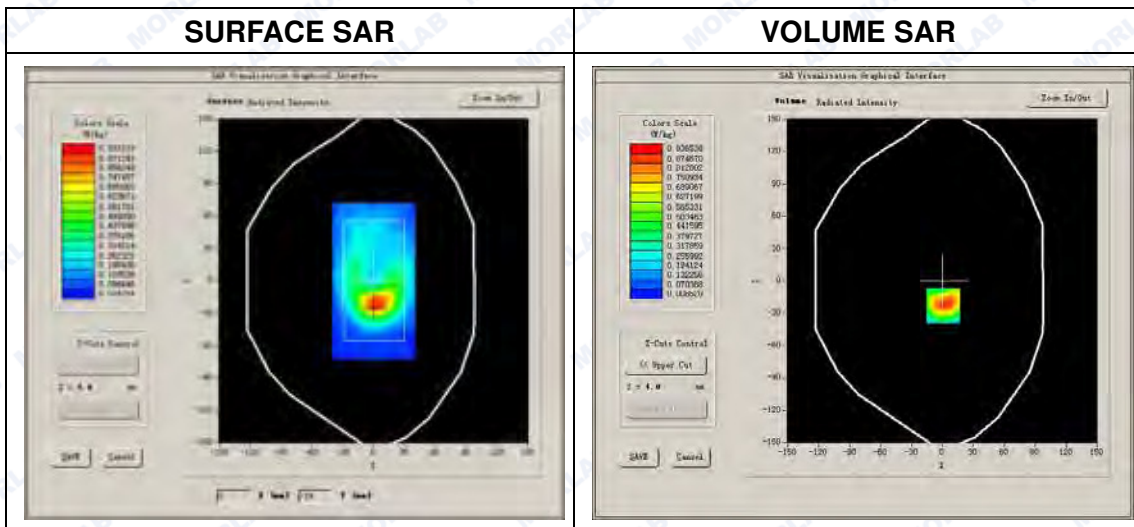
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	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>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

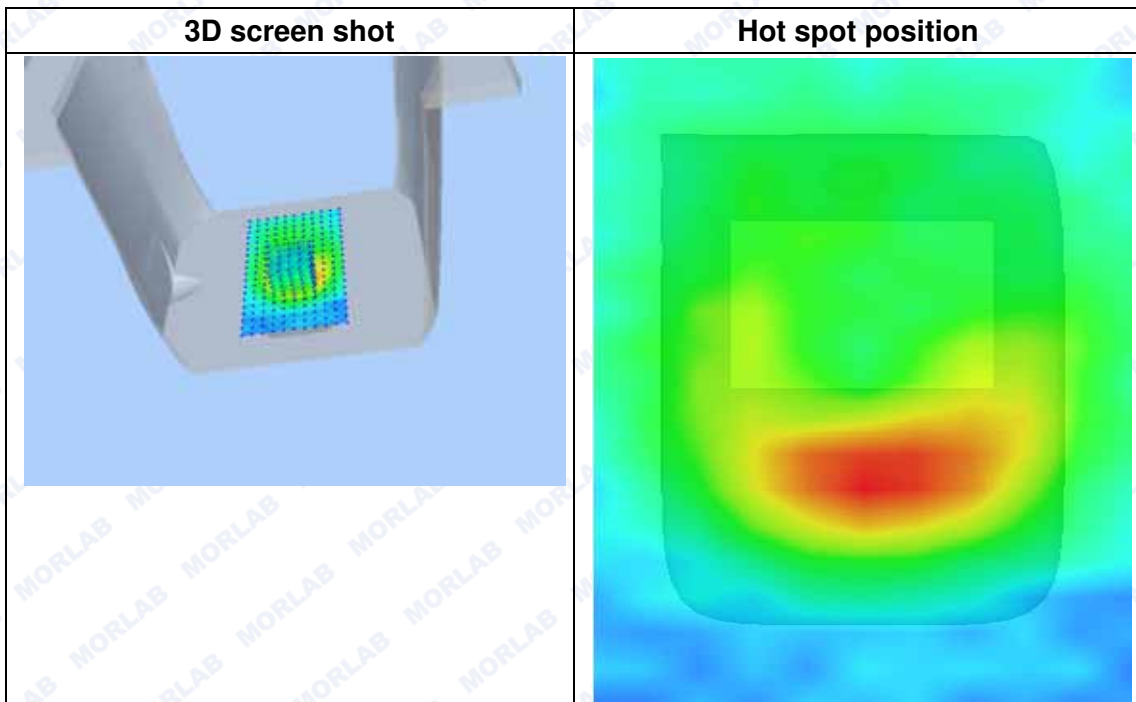
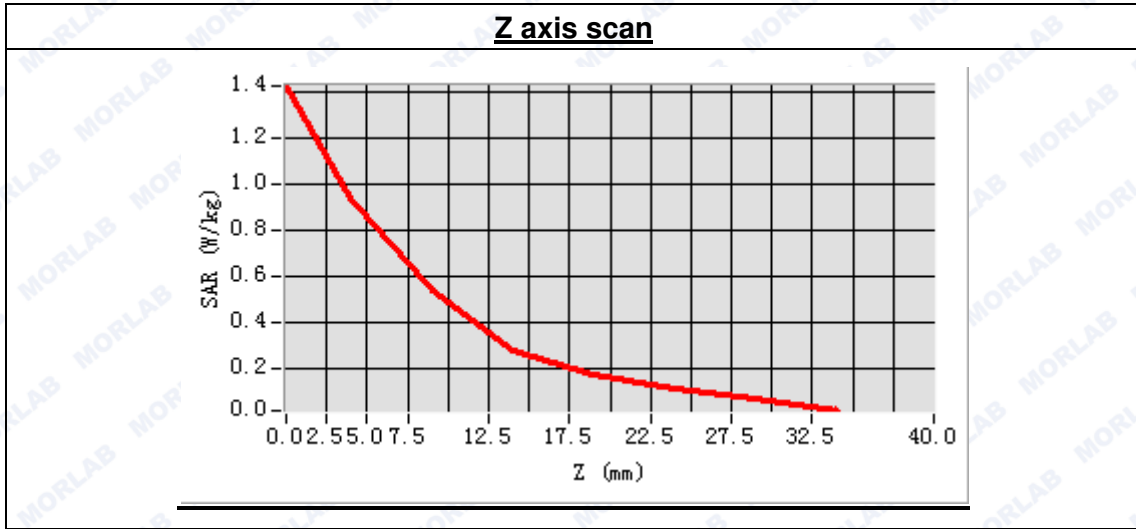




Maximum location: X=1.00, Y=-23.00

SAR Peak: 1.68 W/kg

SAR 10g (W/Kg)	0.484358
SAR 1g (W/Kg)	0.964239



**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: 2016.04.28

Measurement duration: 9 minutes 29 seconds

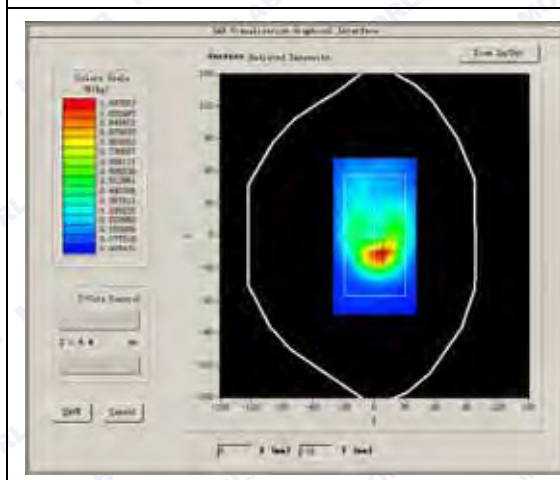
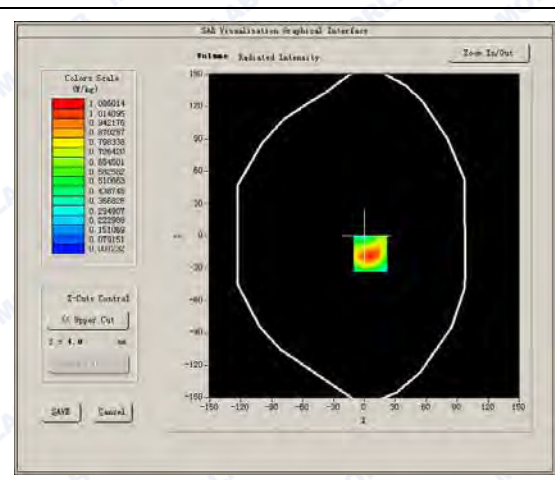
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 9538):

<b>Frequency (MHz)</b>	1907.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

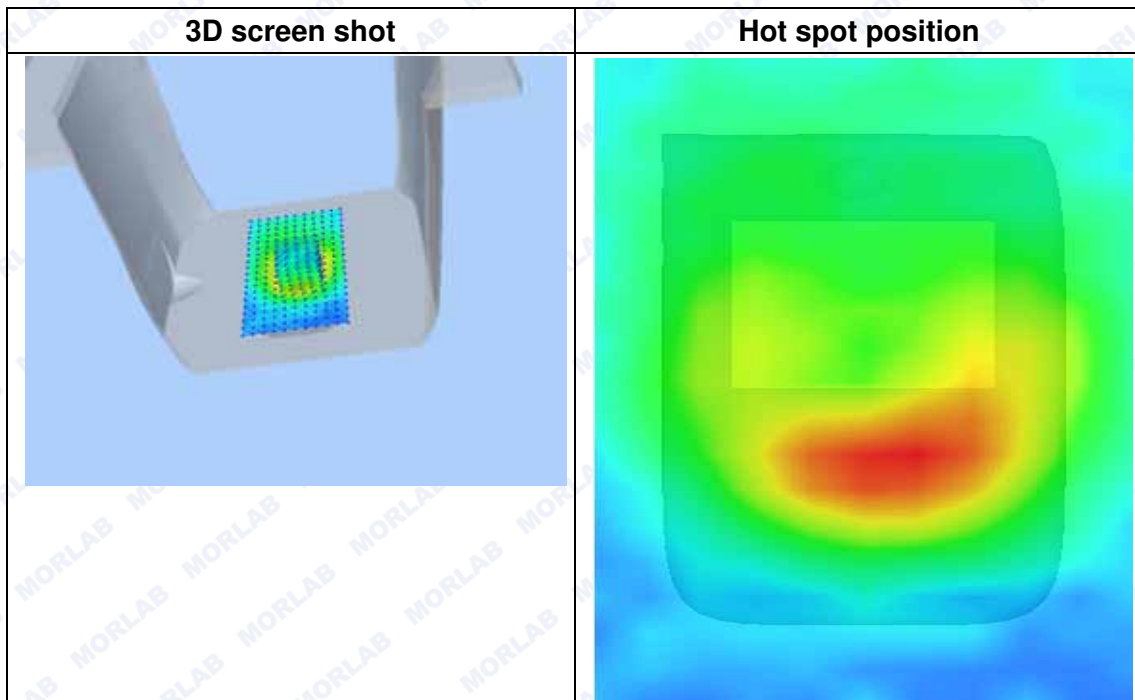
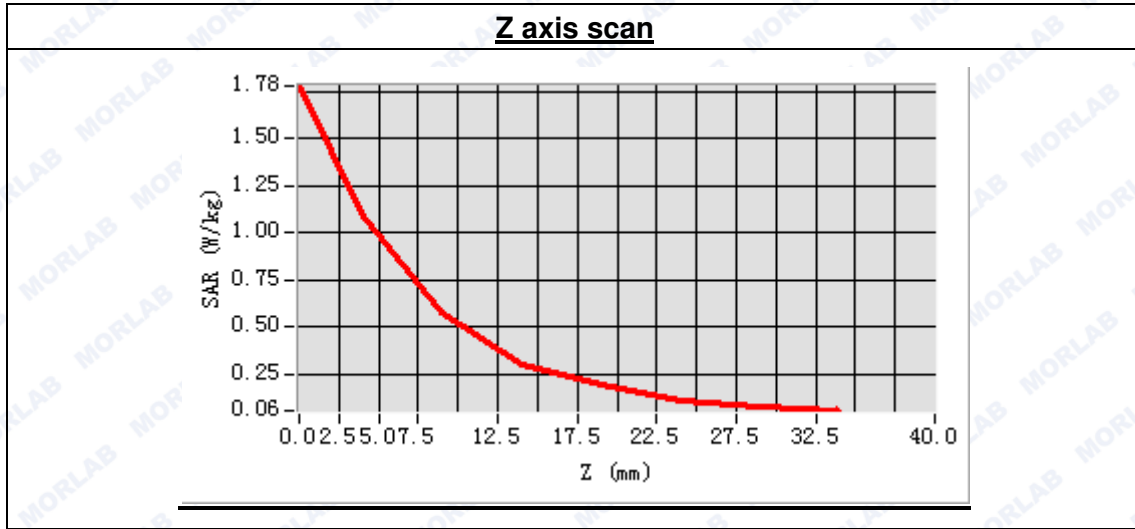
**SURFACE SAR****VOLUME SAR**



Maximum location: X=6.00, Y=-17.00

SAR Peak: 1.93 W/kg

SAR 10g (W/Kg)	0.568116
SAR 1g (W/Kg)	1.118723





**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: 2016.04.28

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

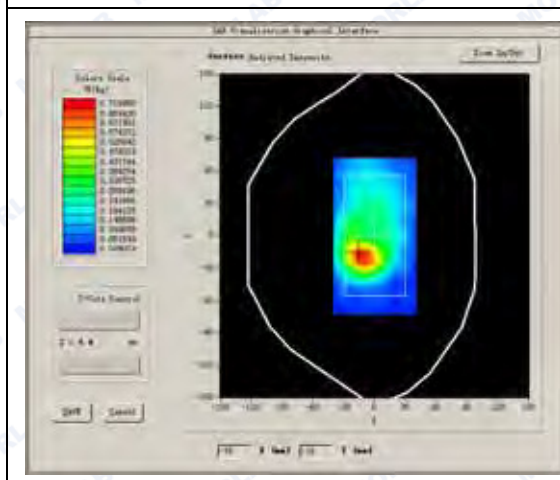
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

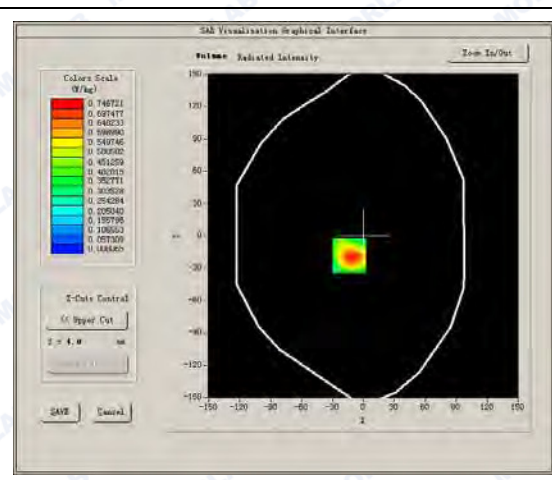
Low Band SAR (Channel 9262):

Frequency (MHz)	1852.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift (%)	1.400000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

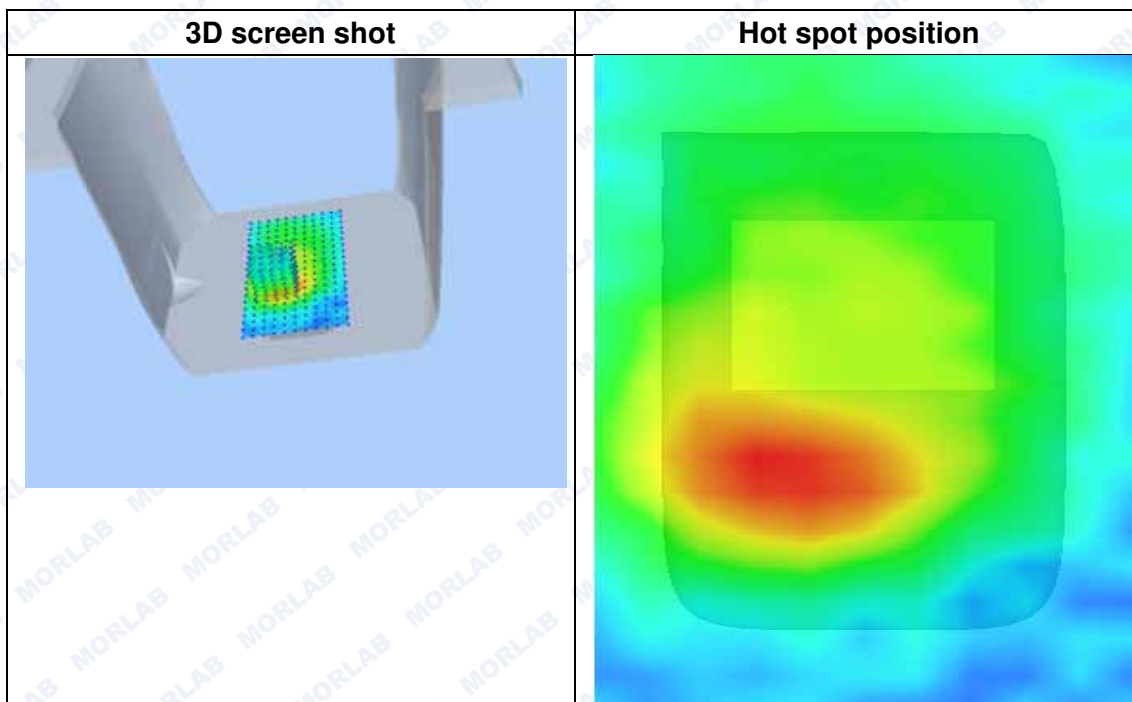
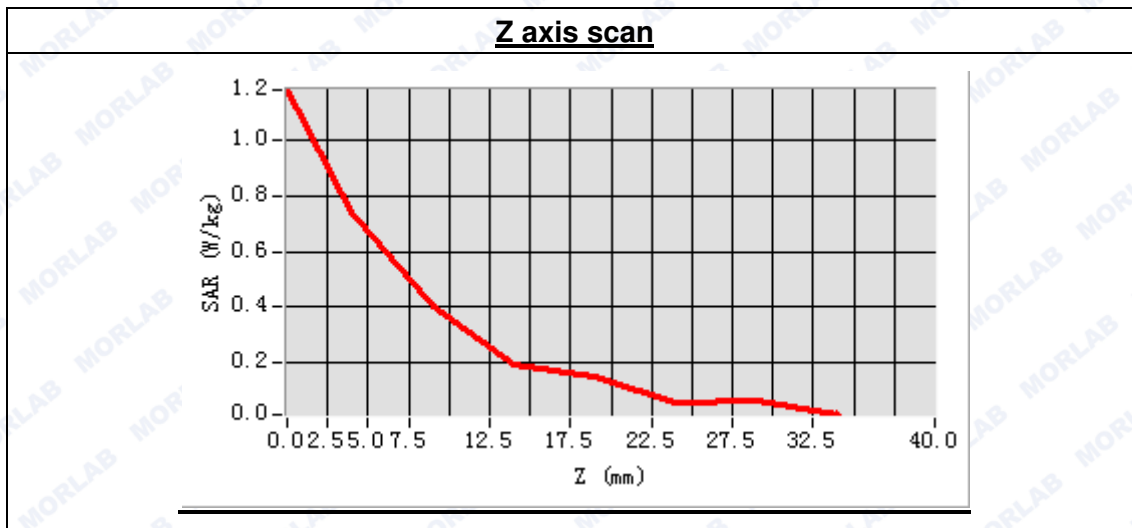




Maximum location: X=-14.00, Y=-18.00

SAR Peak: 1.39 W/kg

SAR 10g (W/Kg)	0.393919
SAR 1g (W/Kg)	0.774831





**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: 2016.04.28

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

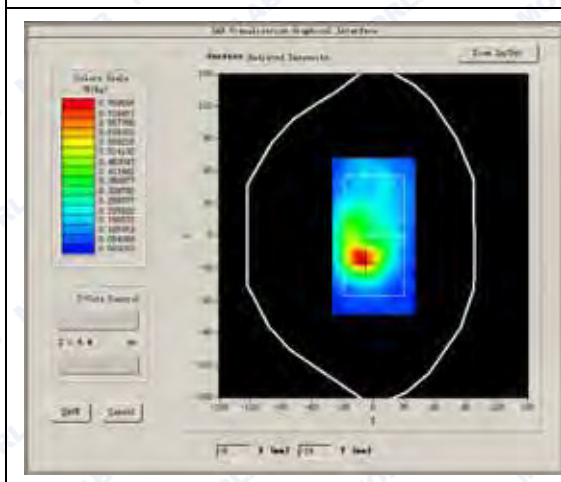
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

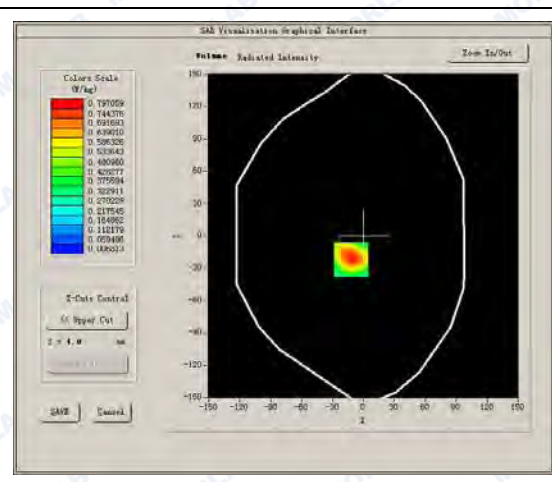
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**



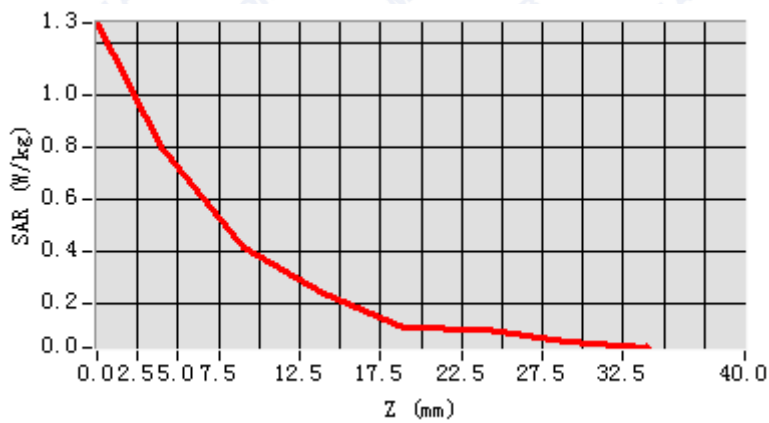


Maximum location: X=-12.00, Y=-22.00

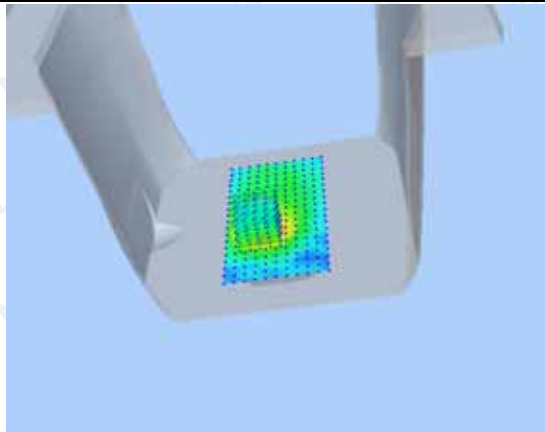
SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.429896
SAR 1g (W/Kg)	0.827851

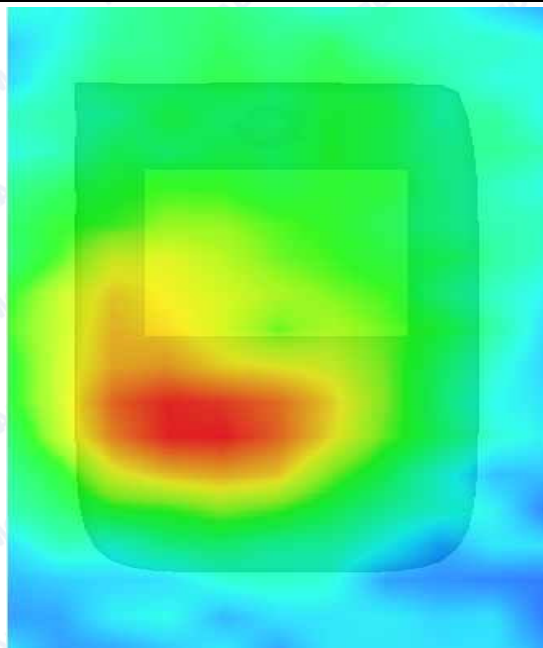
**Z axis scan**



**3D screen shot**



**Hot spot position**





**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: 2016.04.28

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

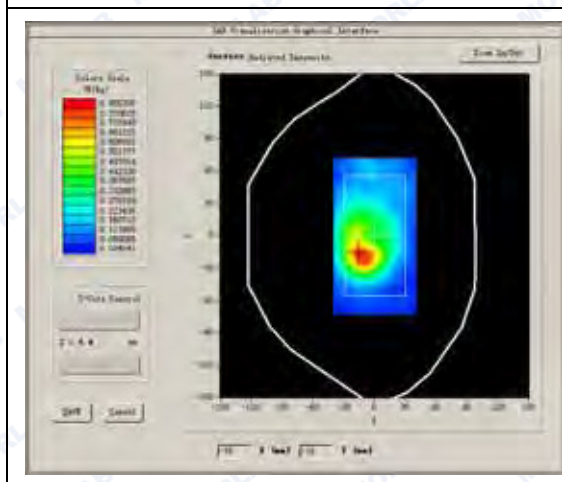
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	High
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

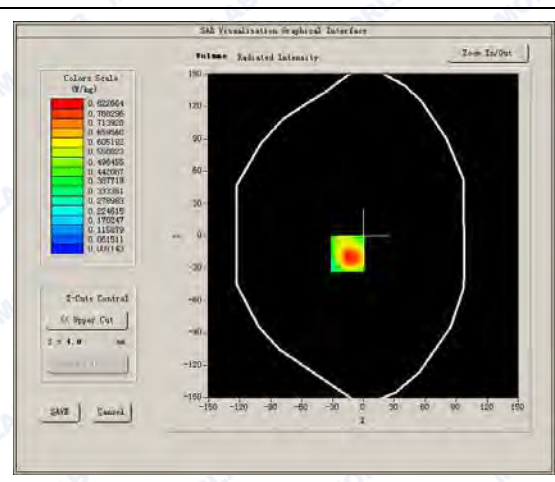
High Band SAR (Channel 9538):

<b>Frequency (MHz)</b>	1907.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

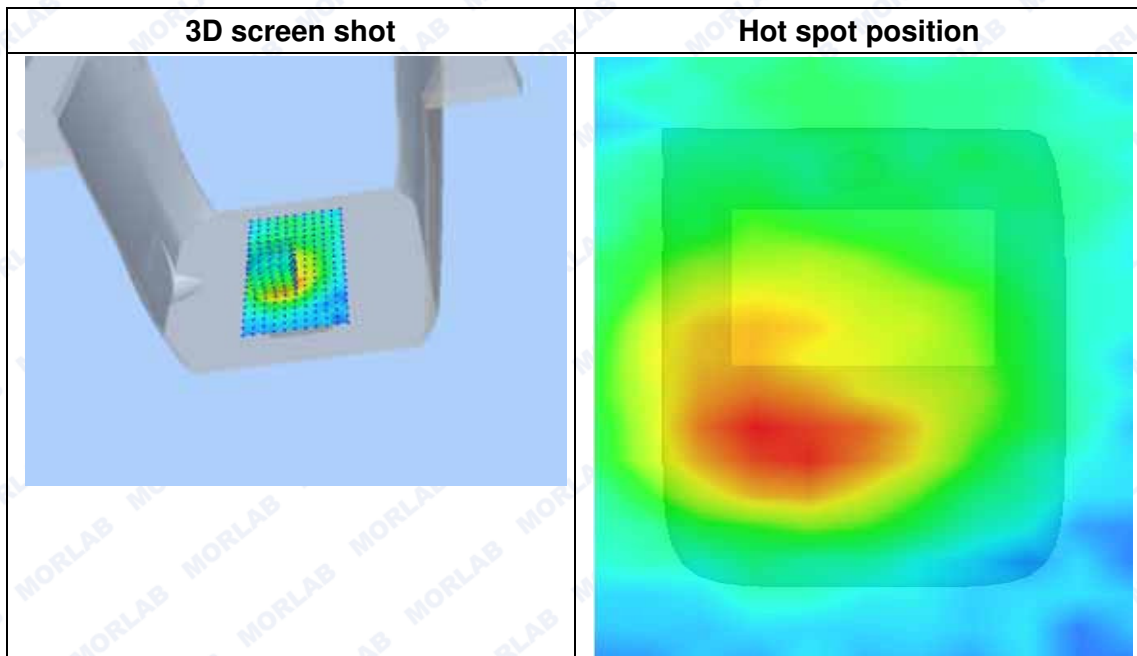
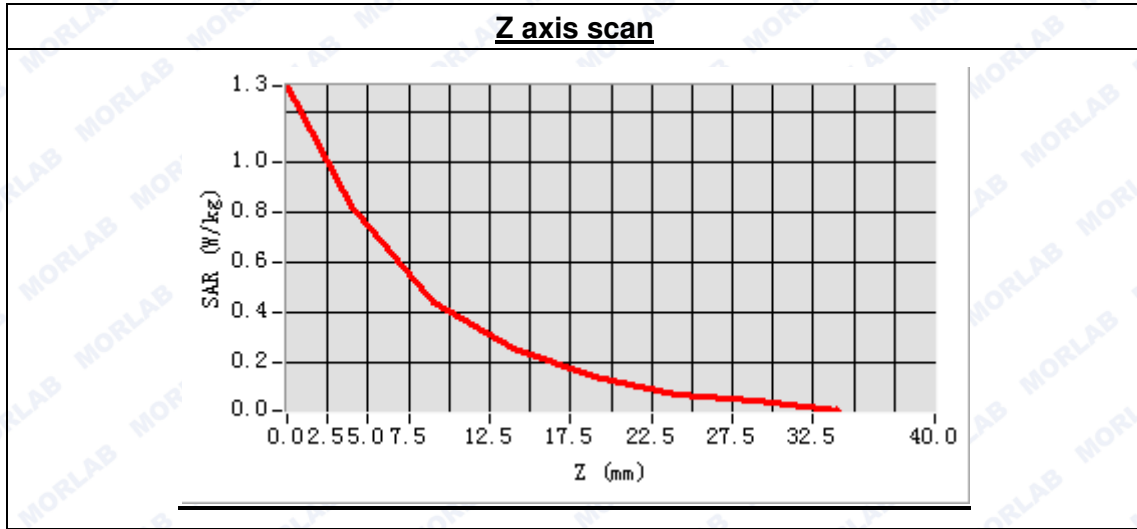




Maximum location: X=-15.00, Y=-17.00

SAR Peak: 1.52 W/kg

SAR 10g (W/Kg)	0.445696
SAR 1g (W/Kg)	0.872820





**MEASUREMENT 42**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2016.04.28  
 Measurement duration: 9 minutes 29 seconds

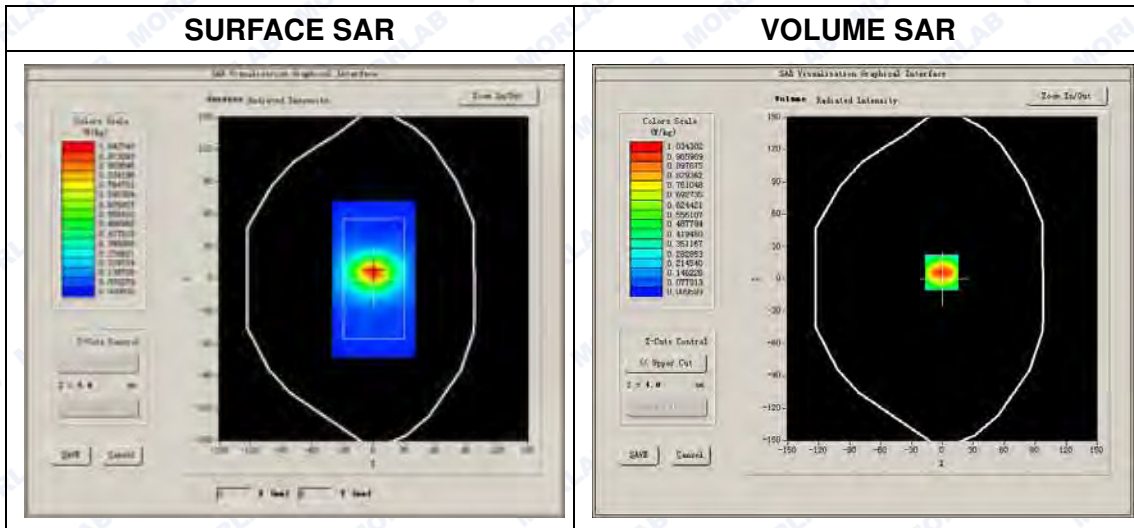
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 9262):

<b>Frequency (MHz)</b>	1852.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

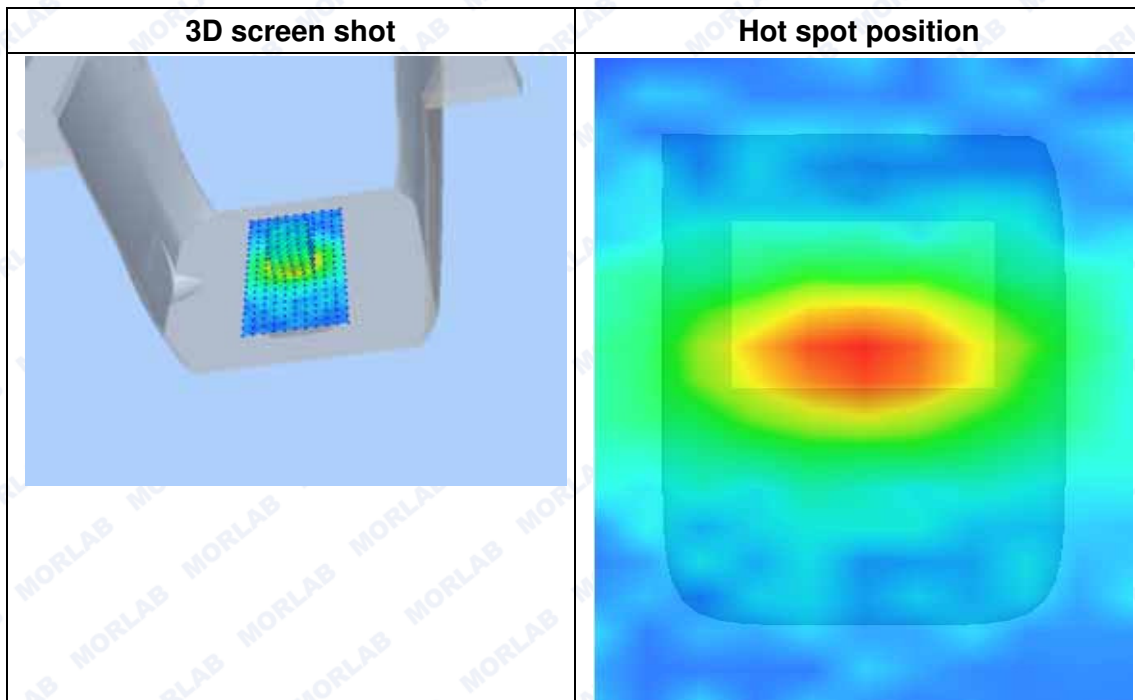
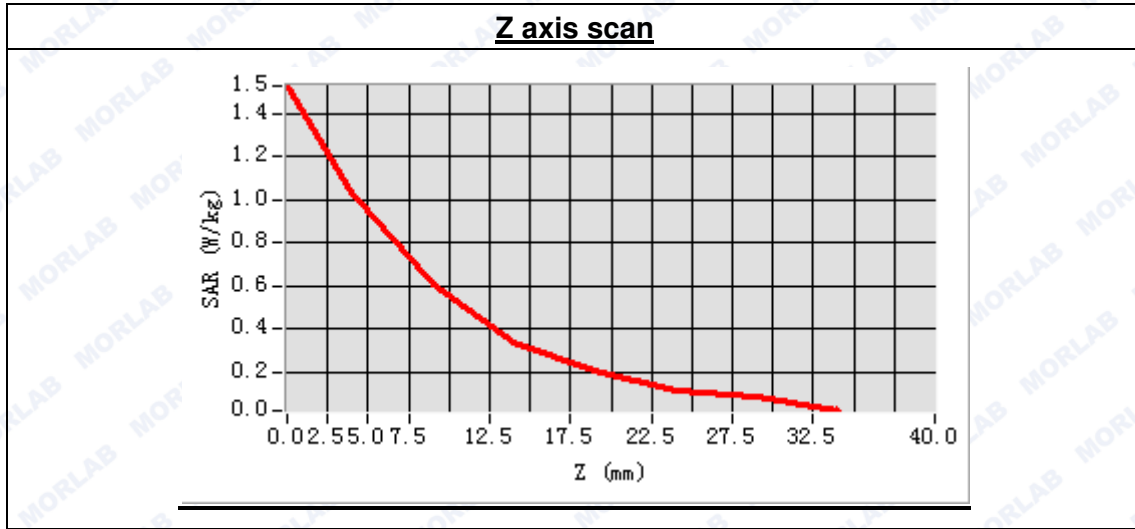




Maximum location: X=-1.00, Y=6.00

SAR Peak: 1.73 W/kg

SAR 10g (W/Kg)	0.535981
SAR 1g (W/Kg)	1.044224





**MEASUREMENT 43**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.28

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

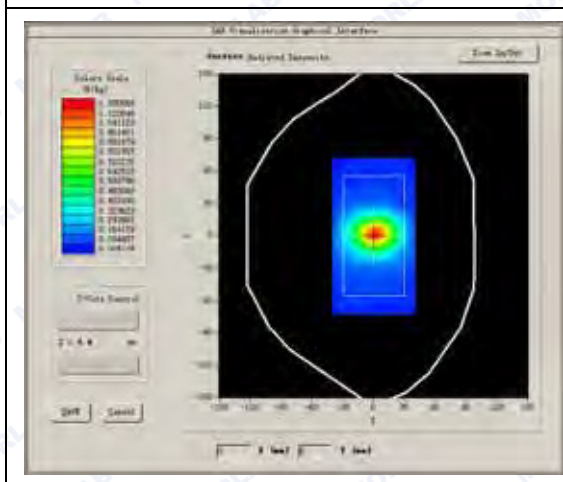
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

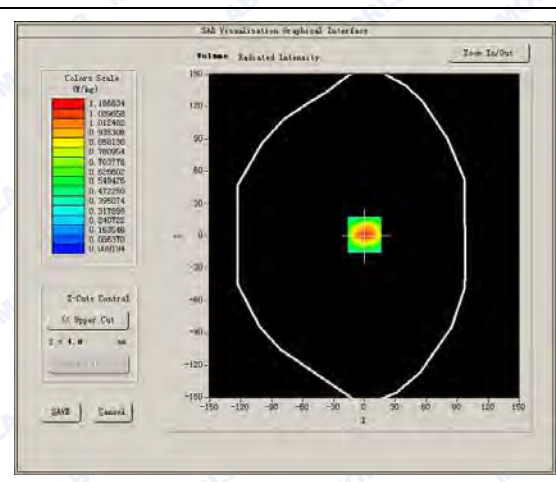
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

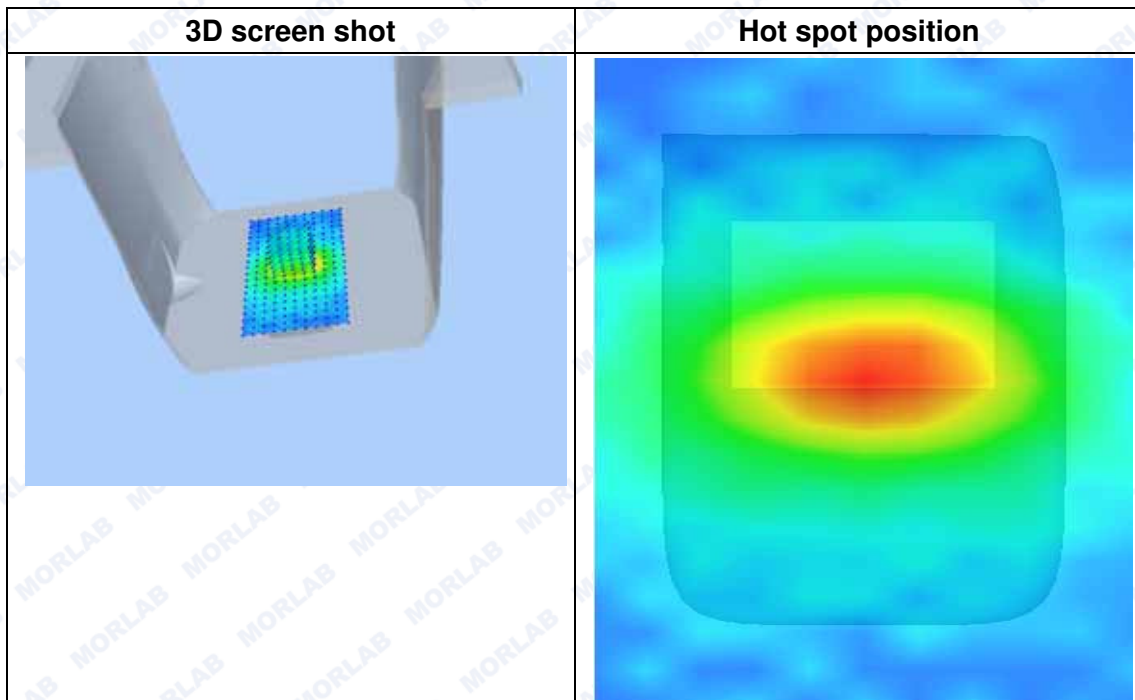
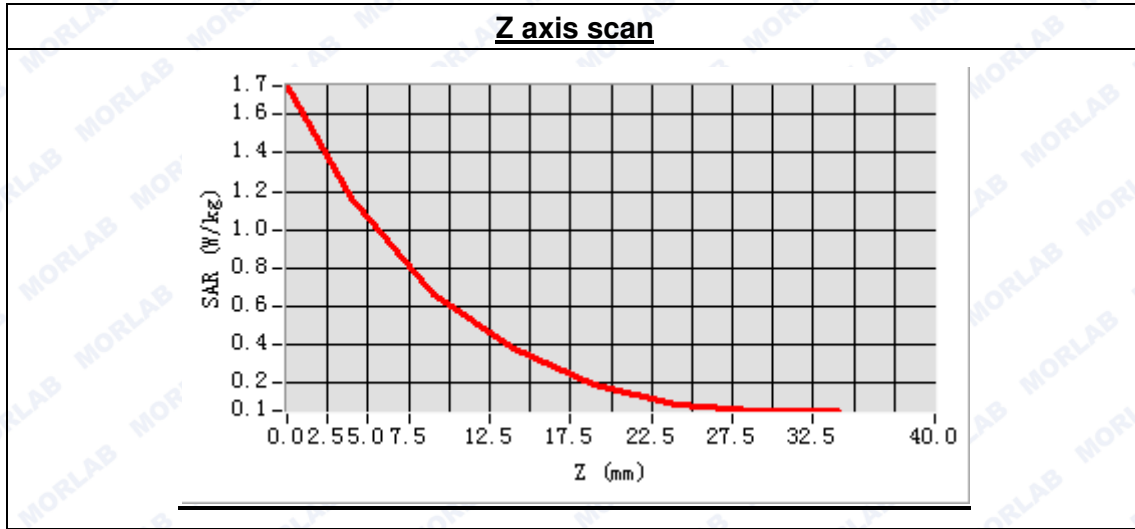




Maximum location: X=0.00, Y=1.00

SAR Peak: 1.98 W/kg

SAR 10g (W/Kg)	0.610056
SAR 1g (W/Kg)	1.184508



**MEASUREMENT 44**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.28

Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

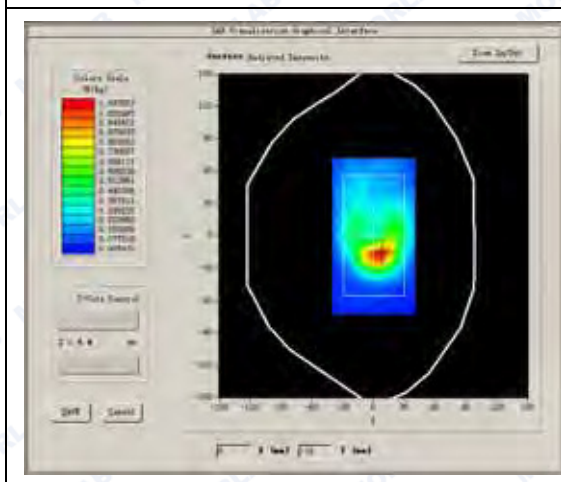
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA1900
<b>Channels</b>	High
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

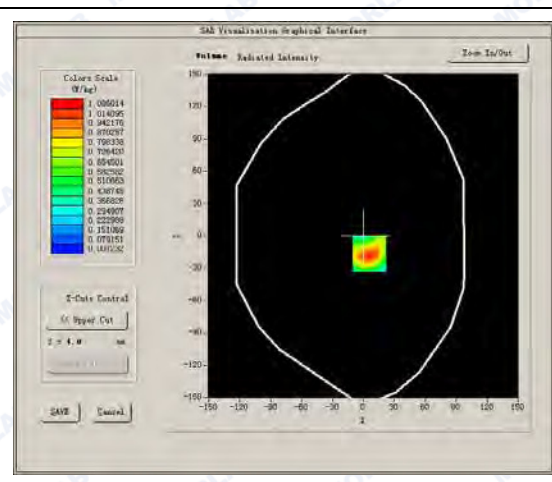
High Band SAR (Channel 9538):

<b>Frequency (MHz)</b>	1907.000000
<b>Relative permittivity (real part)</b>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	1.400000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

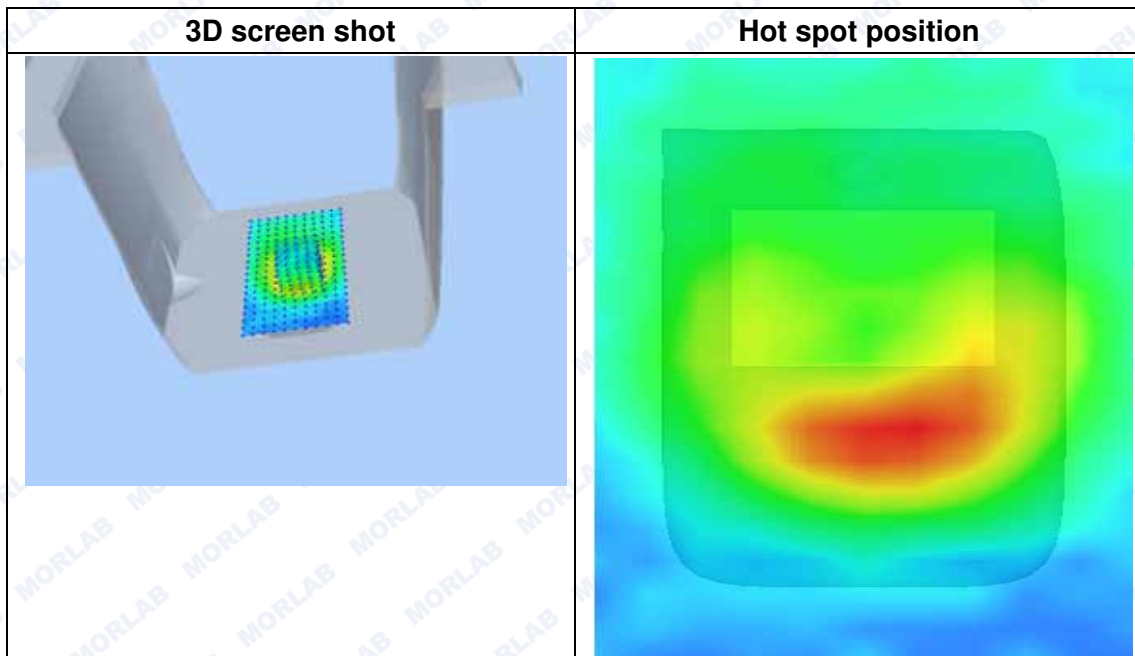
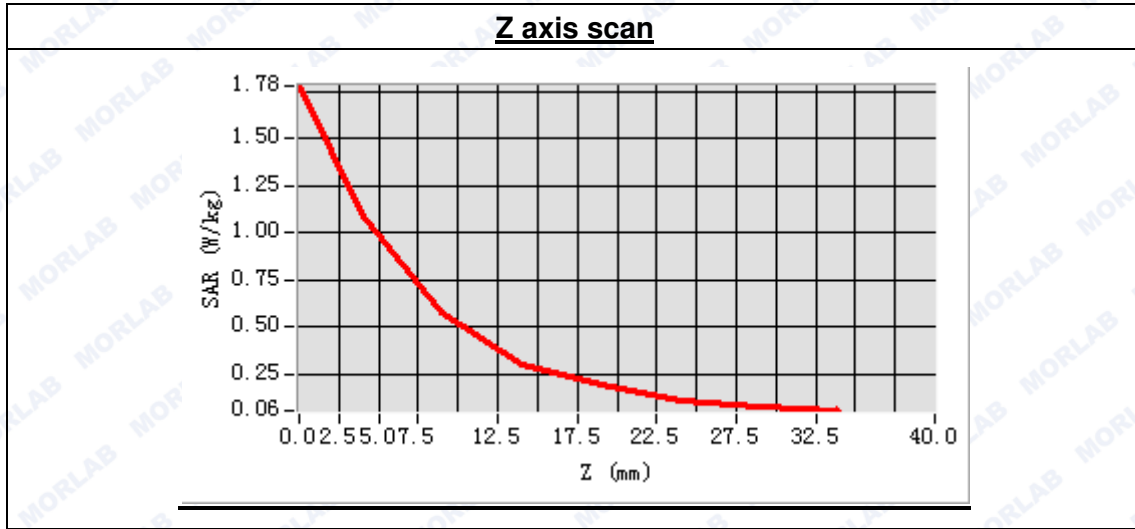




Maximum location: X=6.00, Y=-17.00

SAR Peak: 1.93 W/kg

SAR 10g (W/Kg)	0.628116
SAR 1g (W/Kg)	1.191723







**MEASUREMENT 45**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
Date of measurement: 2016.04.28  
Measurement duration: 9 minutes 29 seconds

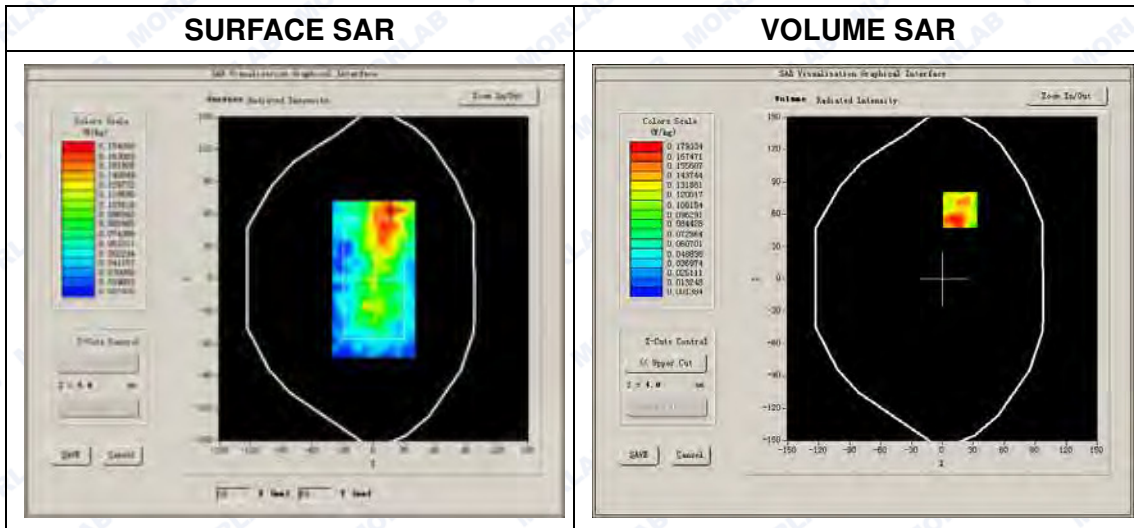
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103824
Conductivity (S/m)	1.534291
Power drift (%)	-2.140000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.53
Crest factor:	1:1

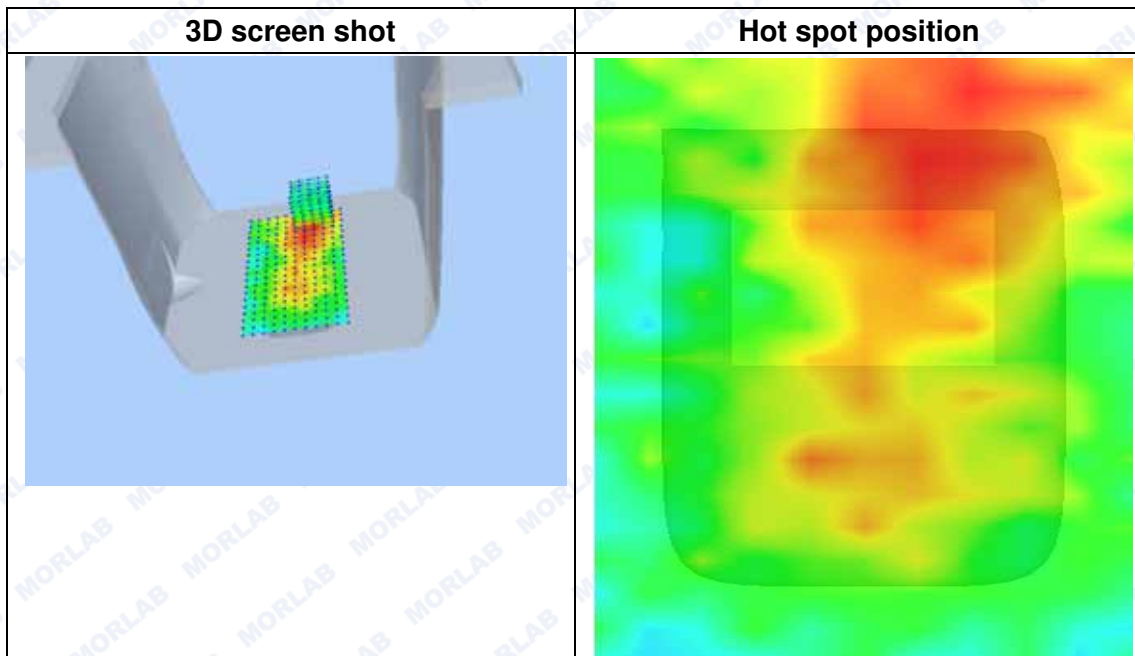
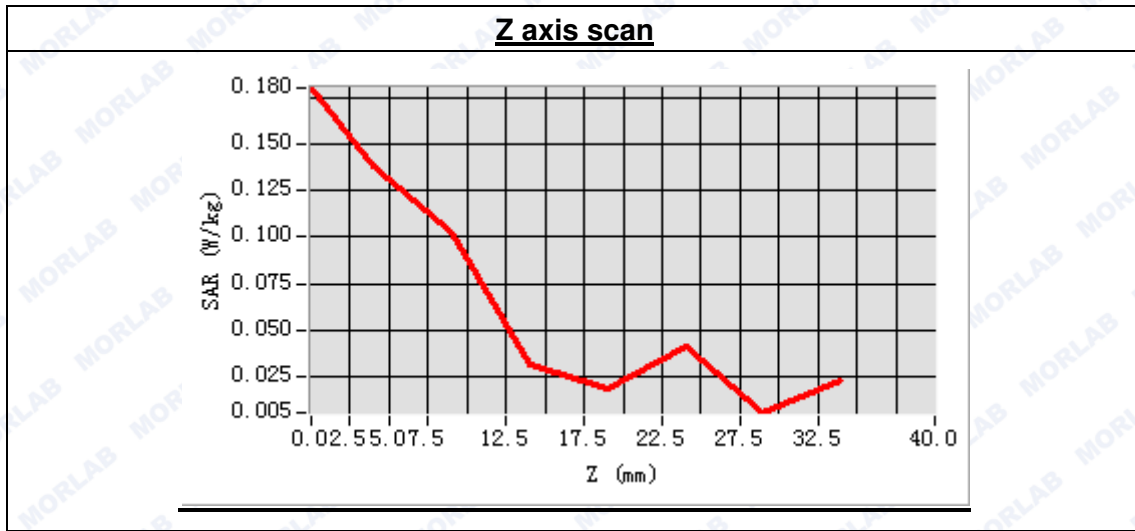




Maximum location: X=17.00, Y=64.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.094729
SAR 1g (W/Kg)	0.178313



**MEASUREMENT 46**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.04.28

Measurement duration: 9 minutes 29 seconds

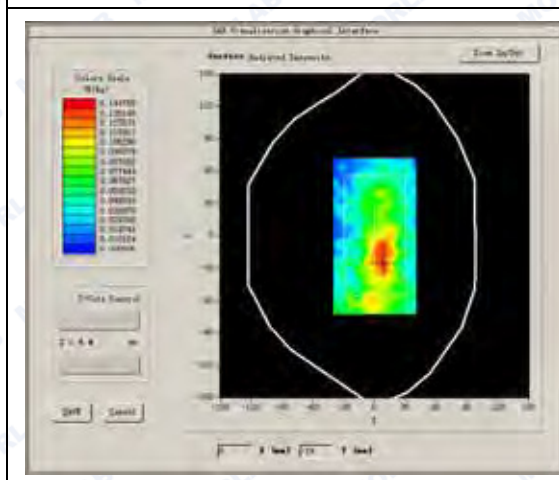
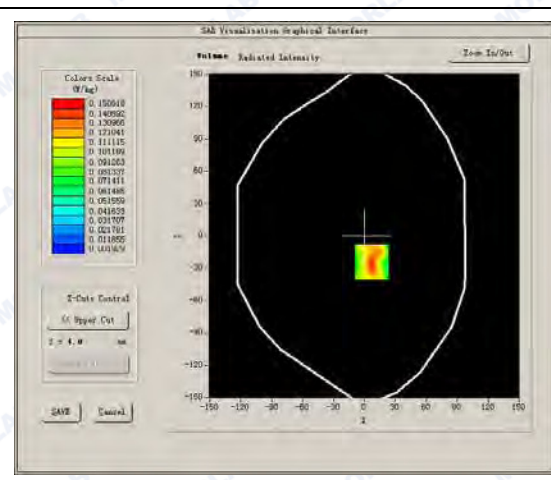
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	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>	53.103824
<b>Conductivity (S/m)</b>	1.534291
<b>Power drift (%)</b>	-2.140000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	5.53
<b>Crest factor:</b>	1:1

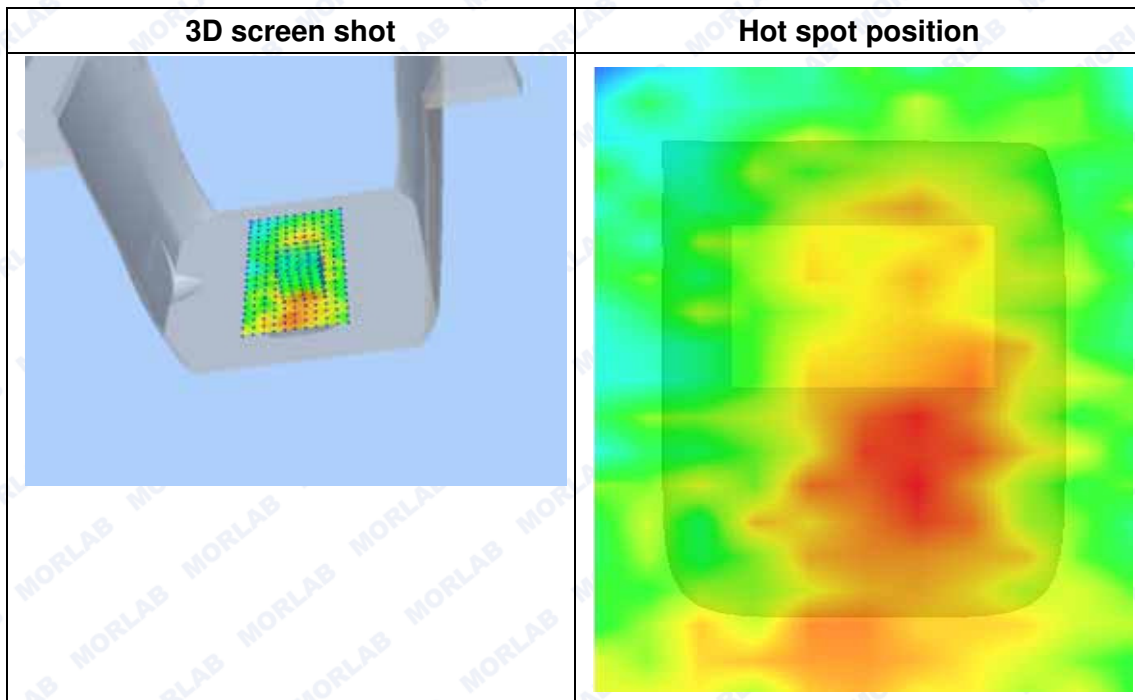
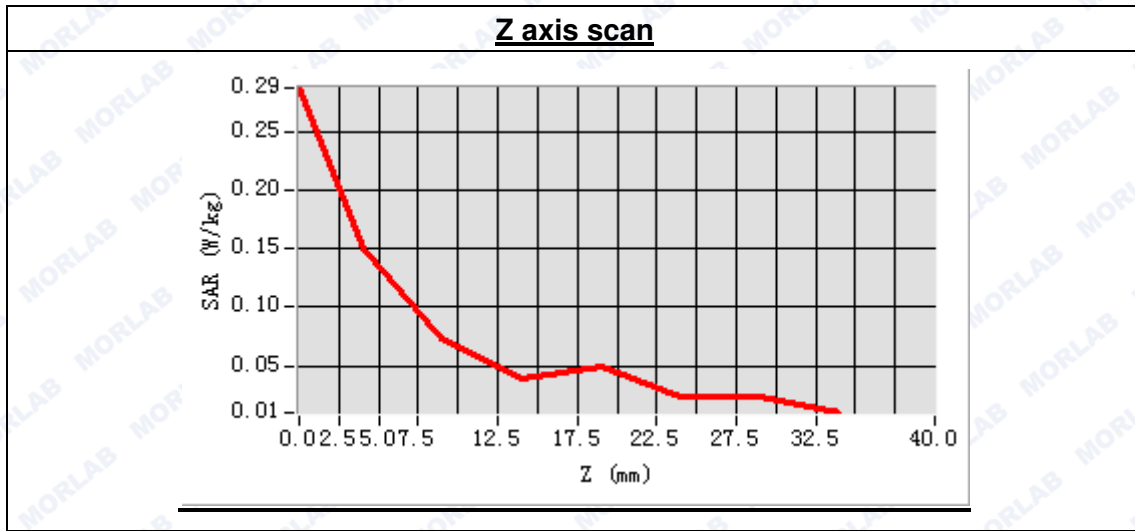
**SURFACE SAR****VOLUME SAR**



Maximum location: X=7.00, Y=-24.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.085995
SAR 1g (W/Kg)	0.166704



**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: 2016.04.28

Measurement duration: 7 minutes 47 seconds

**A. Experimental conditions.**

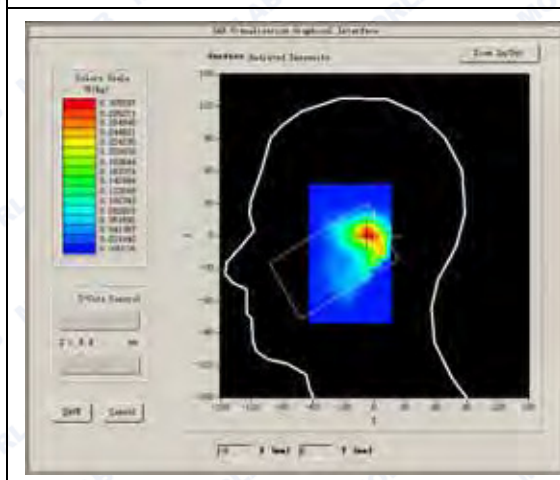
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	802.11b
<b>Channels</b>	Middle
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

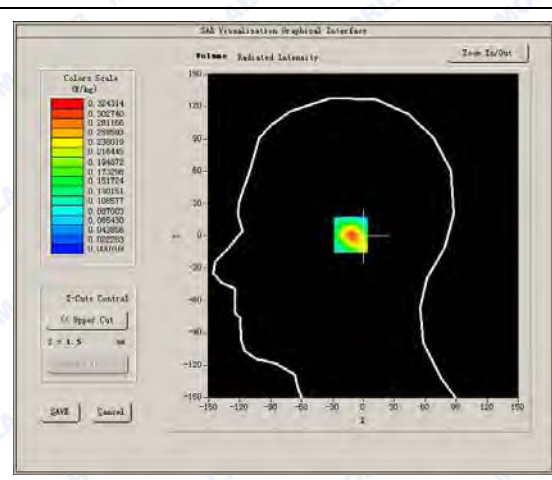
Middle Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.114268
<b>Conductivity (S/m)</b>	1.793824
<b>Power drift (%)</b>	1.130000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	4.63
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

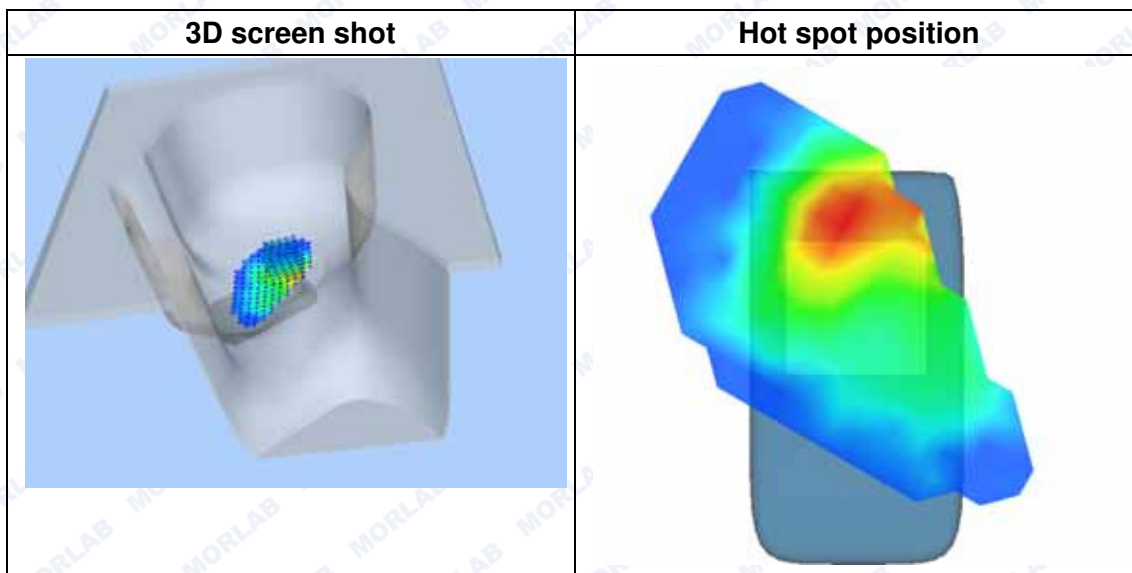
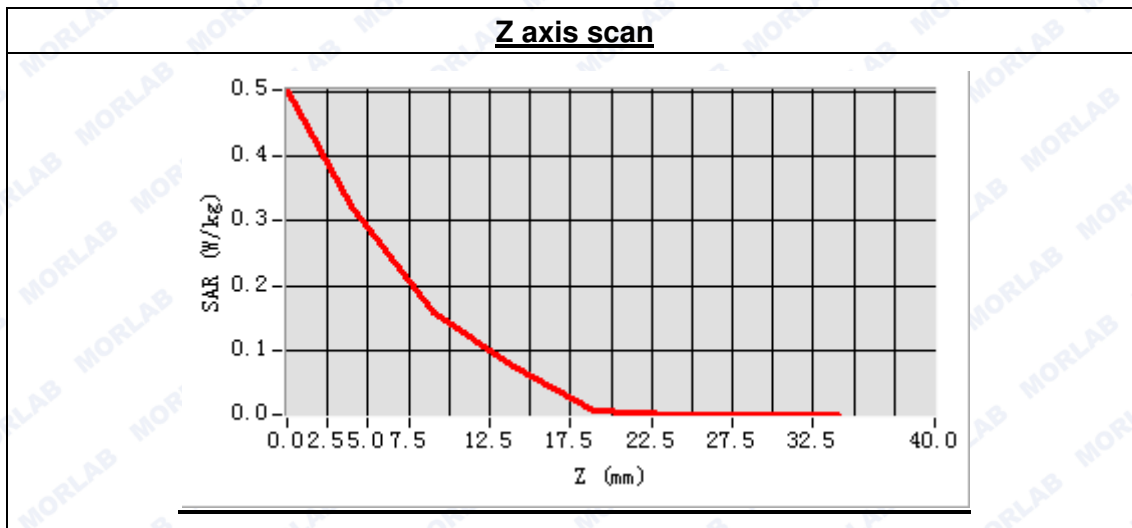




Maximum location: X=-7.00, Y=1.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.038221
SAR 1g (W/Kg)	0.079638



**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: 2016.04.28

Measurement duration: 7 minutes 47 seconds

**A. Experimental conditions.**

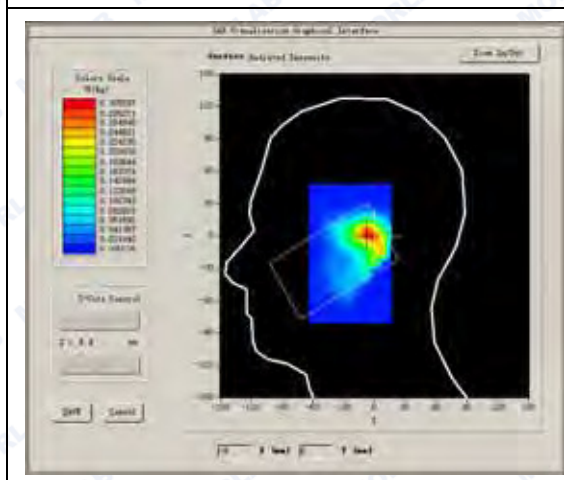
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Tilt
<b>Band</b>	802.11b
<b>Channels</b>	Middle
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

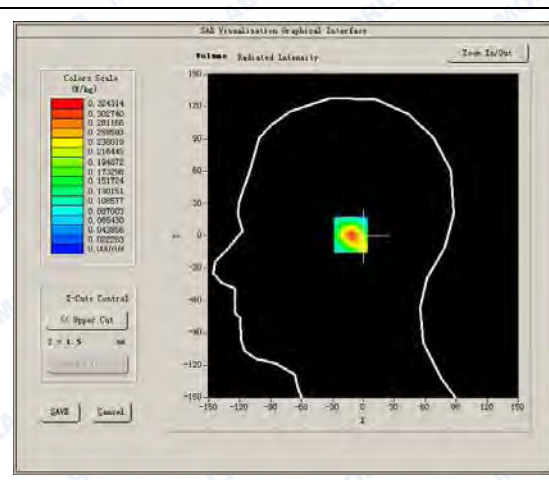
Middle Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.114268
<b>Conductivity (S/m)</b>	1.793824
<b>Power drift (%)</b>	1.130000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	4.63
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**



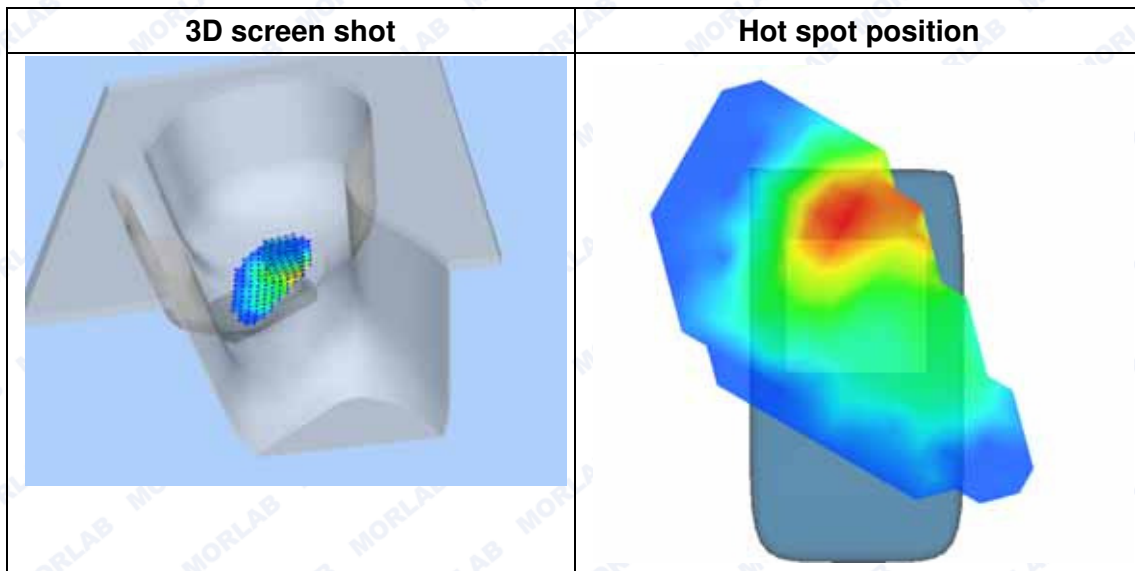
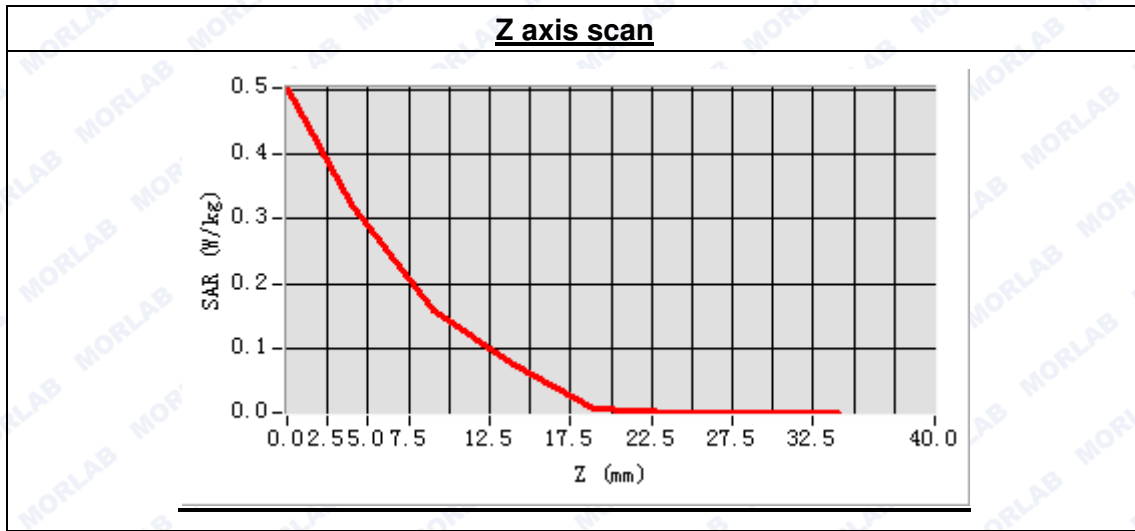


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Maximum location: X=-7.00, Y=1.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.013782
SAR 1g (W/Kg)	0.046432





**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: 2016.04.28

Measurement duration: 7 minutes 51 seconds

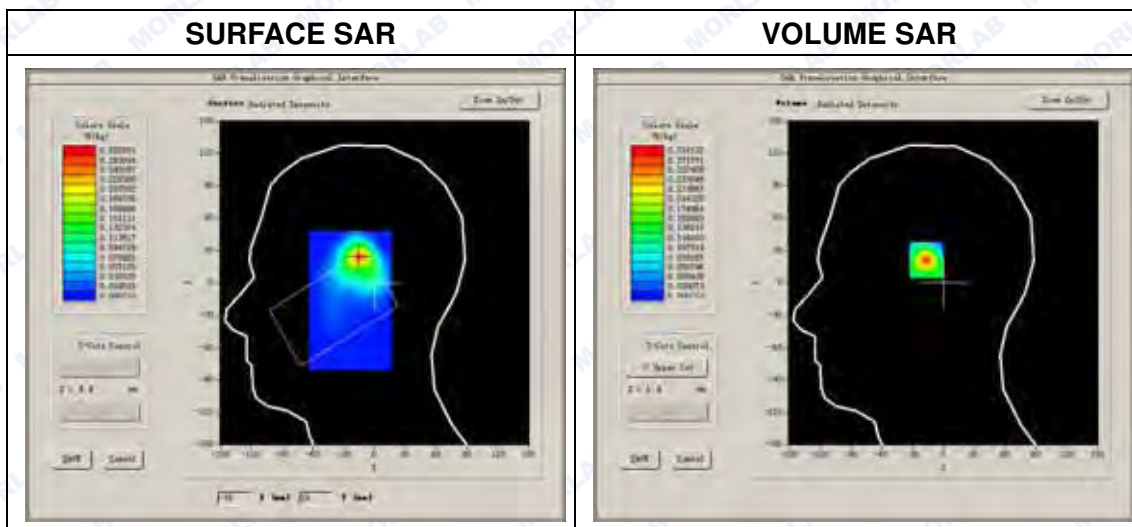
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Cheek
Band	802.11b
Channels	Middle
Signal	DSSS

**B. SAR Measurement Results**

Middle Band SAR (Channel 1)

Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.114268
Conductivity (S/m)	1.793824
Power drift (%)	-0.960000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	4.63
Crest factor:	1:1

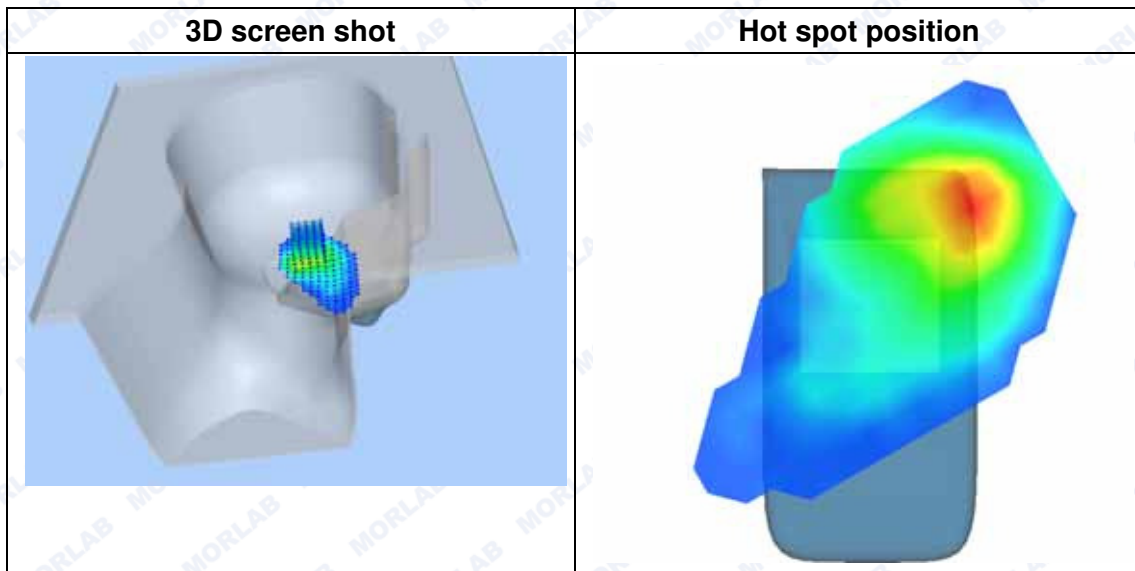
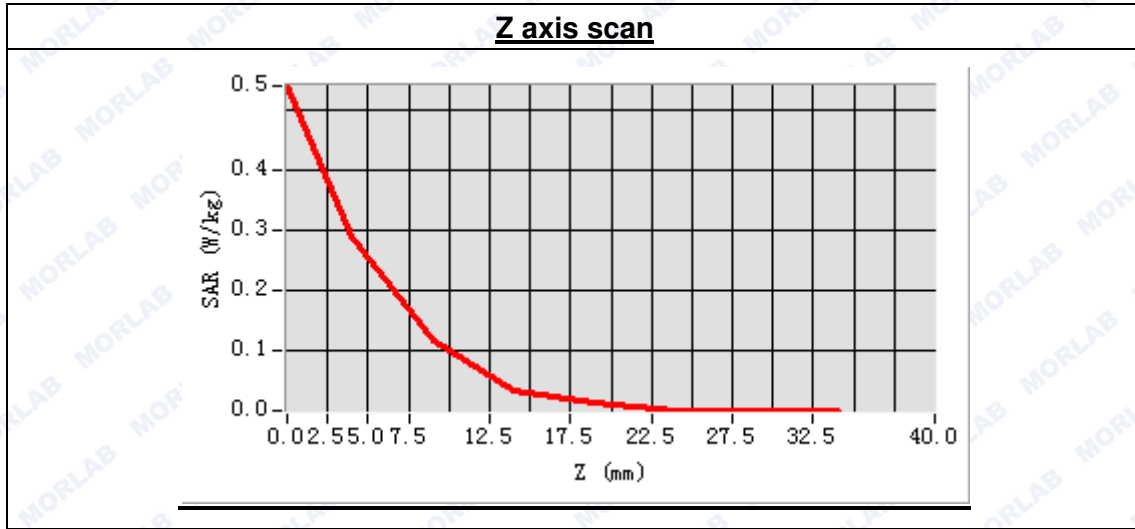




Maximum location: X=-15.00, Y=24.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.007347
SAR 1g (W/Kg)	0.030051



**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: 2016.04.28

Measurement duration: 7 minutes 51 seconds

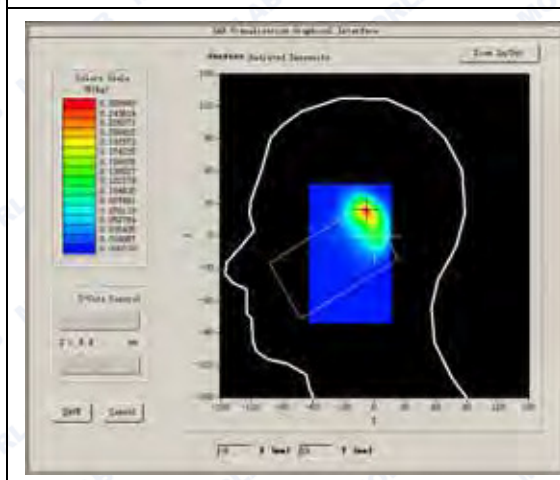
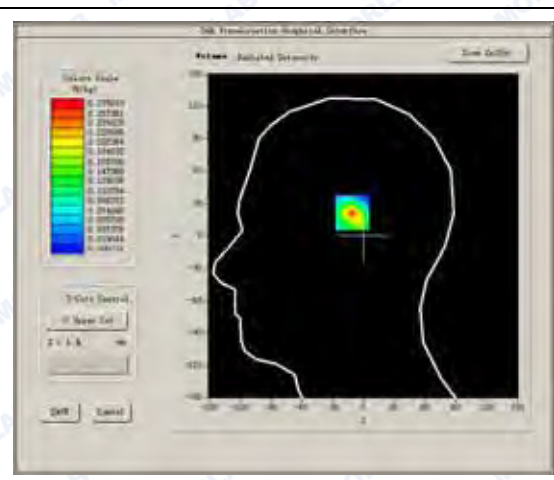
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

Middle Band SAR (Channel 1)

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	39.114268
<b>Conductivity (S/m)</b>	1.793824
<b>Power drift (%)</b>	-1.630000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	4.63
<b>Crest factor:</b>	1:1

**SURFACE SAR****VOLUME SAR**



Maximum location: X=-8.00, Y=24.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.008319
SAR 1g (W/Kg)	0.014614

