

**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: 2014.10.21

Measurement duration: 9 minutes 13 second

**A. Experimental conditions.**

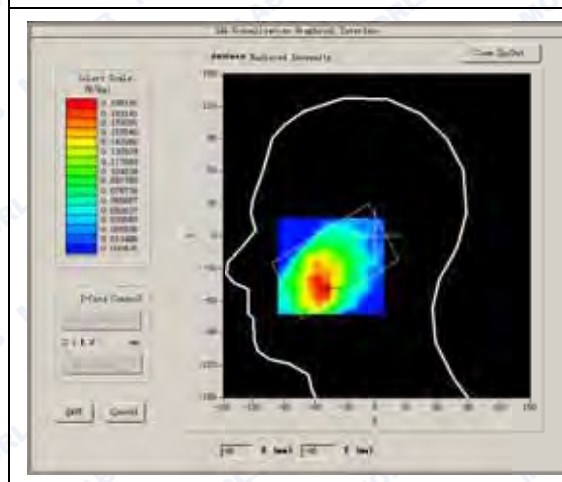
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	GSM

**B. SAR Measurement Results**

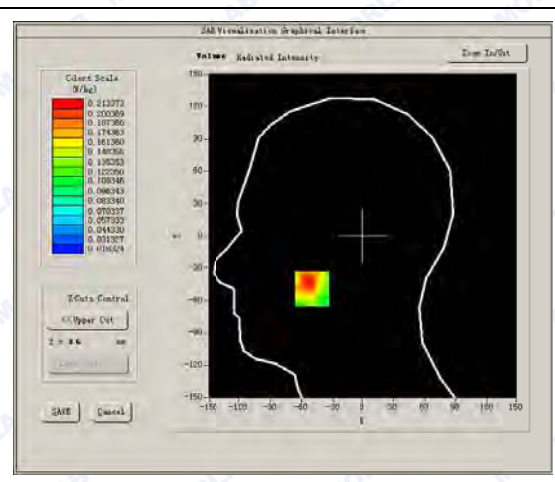
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	41.605877
Conductivity (S/m)	0.883495
Power drift (%)	1.270000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

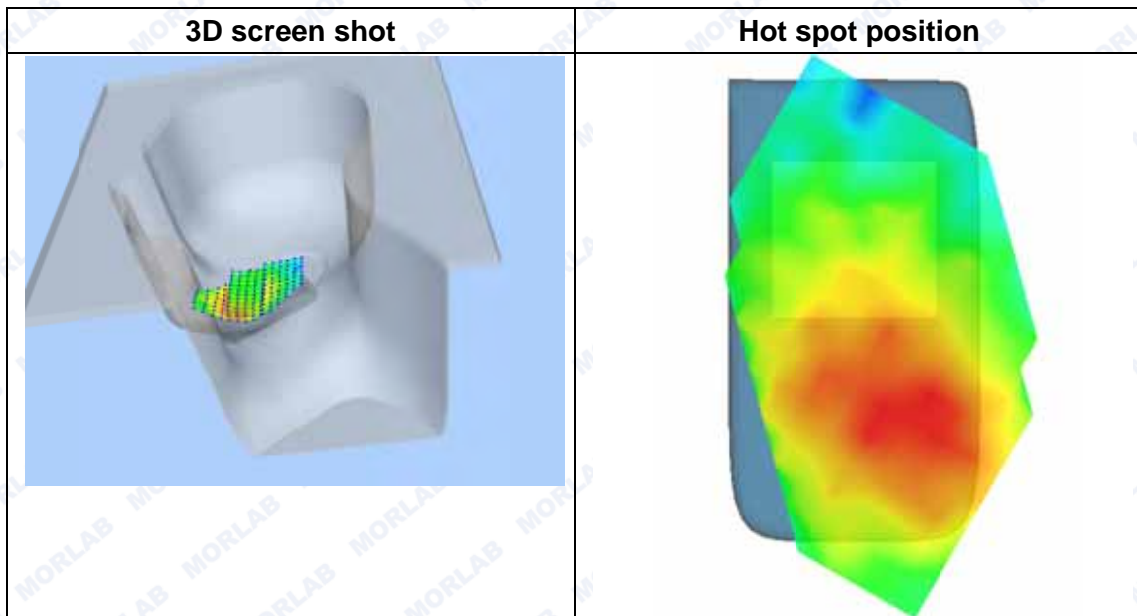
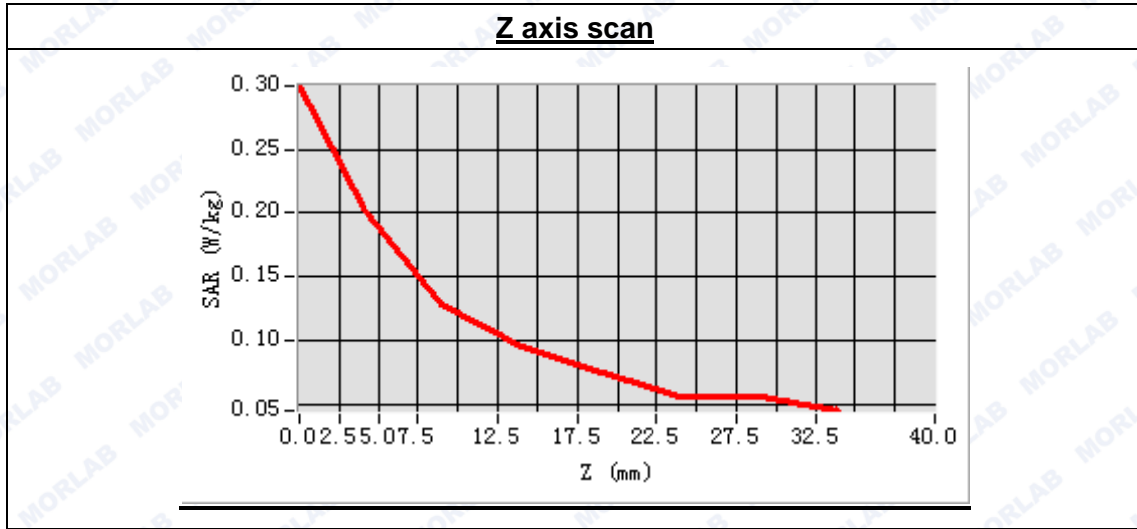




Maximum location: X=-50.00, Y=-49.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.138642
SAR 1g (W/Kg)	0.220992



**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: 2014.10.21  
 Measurement duration: 8 minutes 28 seconds

**A. Experimental conditions.**

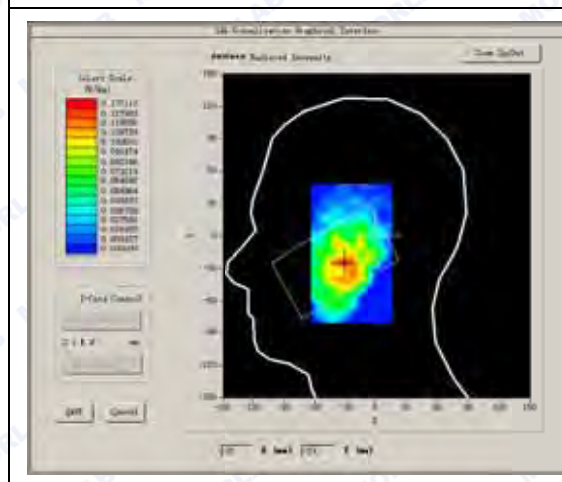
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Tilt
Band	GSM850
Channels	Low
Signal	GSM

**B. SAR Measurement Results**

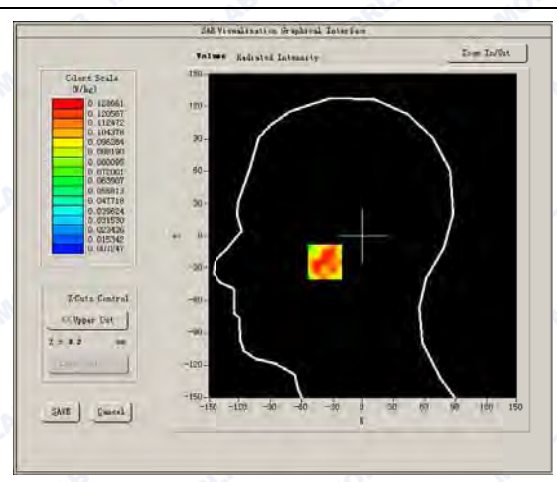
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	41.605877
Conductivity (S/m)	0.883495
Power drift(%)	3.100000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

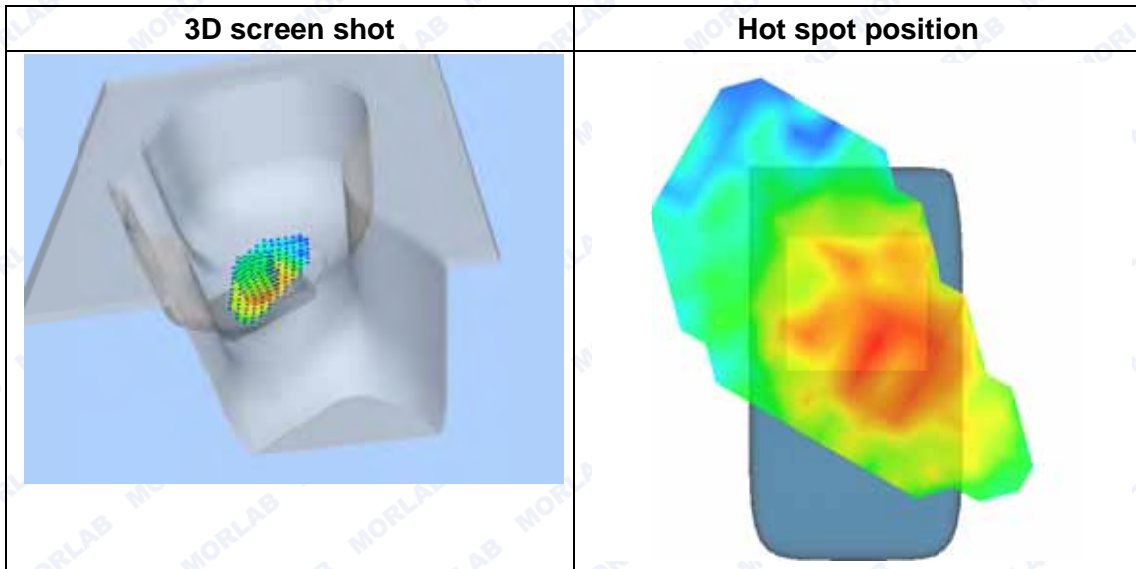
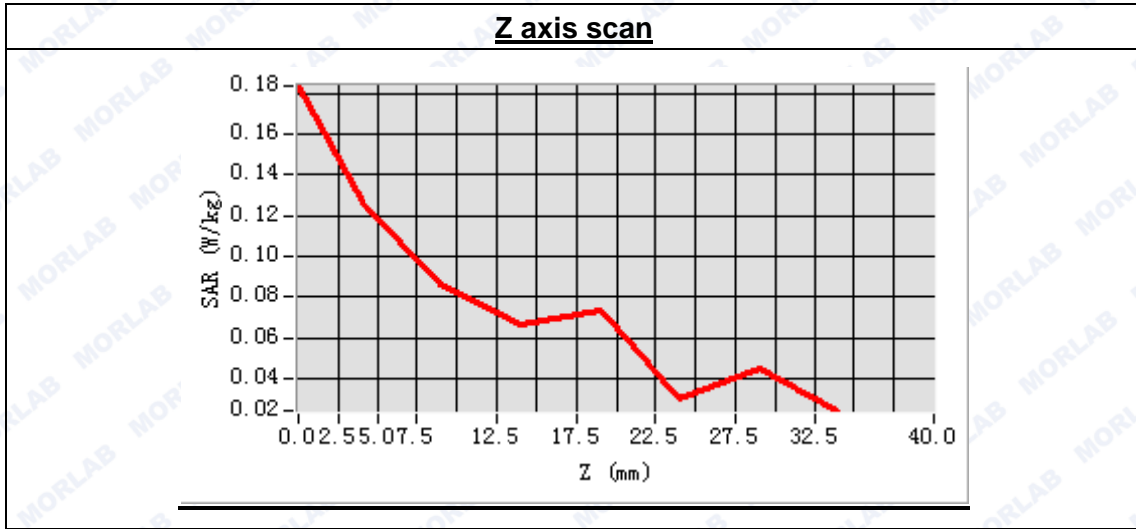




Maximum location: X=-32.00, Y=-24.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.094011
SAR 1g (W/Kg)	0.155308





**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: 2014.10.21  
 Measurement duration: 8 minutes 39 seconds

**A. Experimental conditions.**

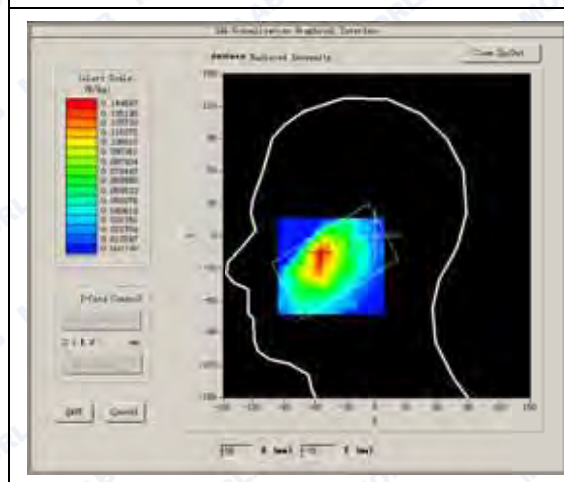
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	GSM

**B. SAR Measurement Results**

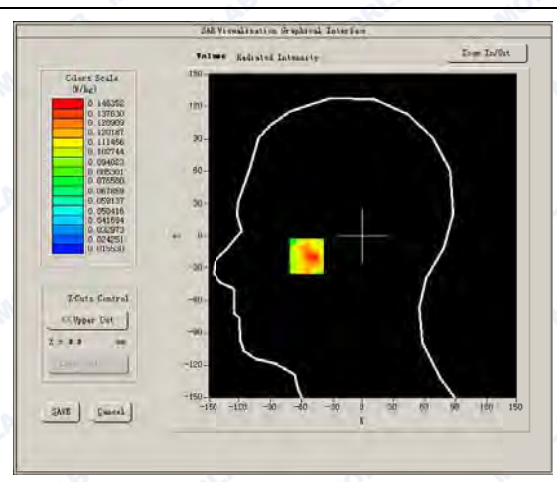
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	41.605877
Conductivity (S/m)	0.883495
Power drift (%)	2.550000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

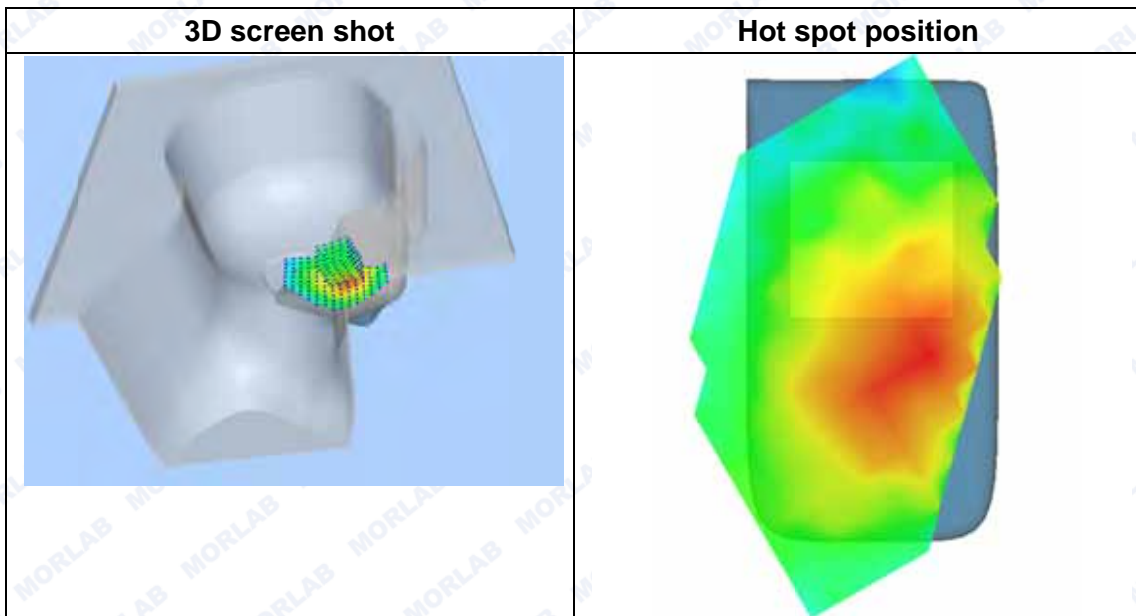
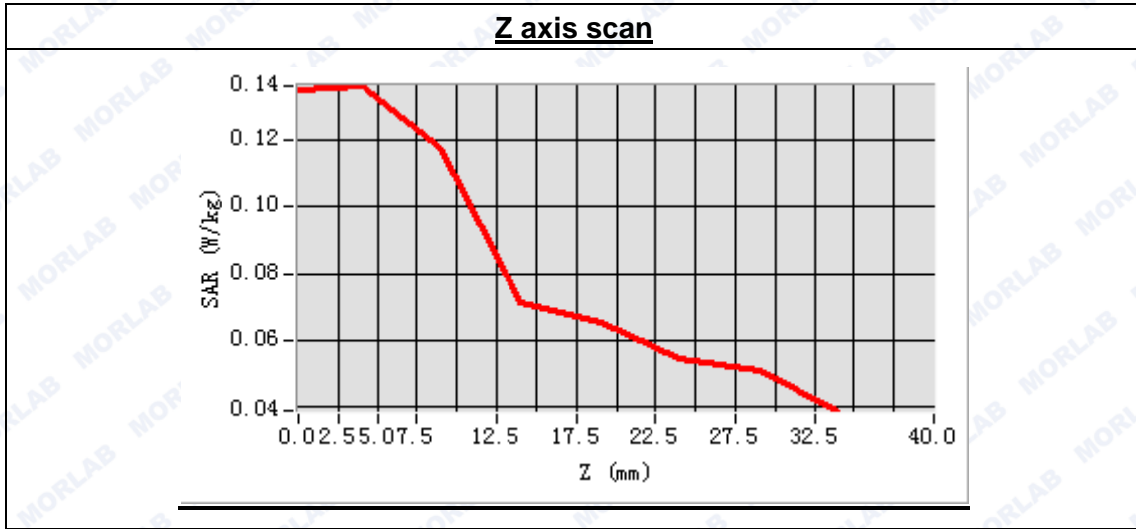




Maximum location: X=-55.00, Y=-18.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.098444
SAR 1g (W/Kg)	0.149864



**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: 2014.10.21

Measurement duration: 8 minutes 23 seconds

**A. Experimental conditions.**

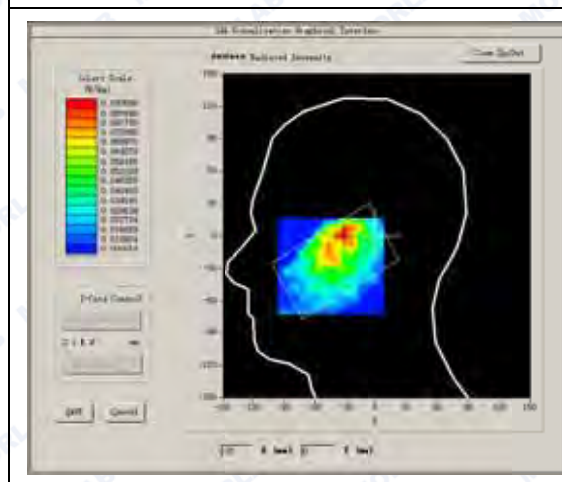
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Tilt
Band	GSM850
Channels	Low
Signal	GSM

**B. SAR Measurement Results**

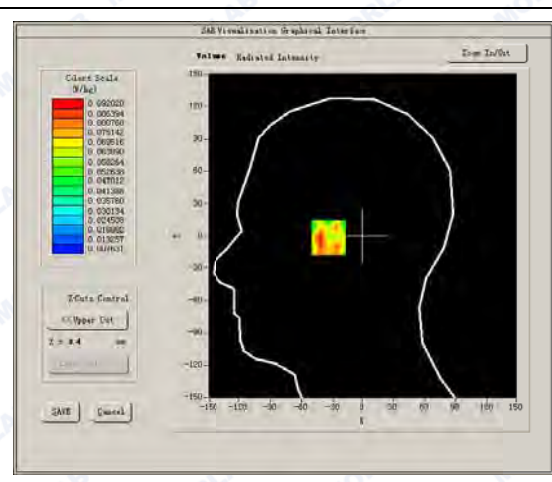
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	41.605877
Conductivity (S/m)	0.883495
Power drift(%)	-2.170000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

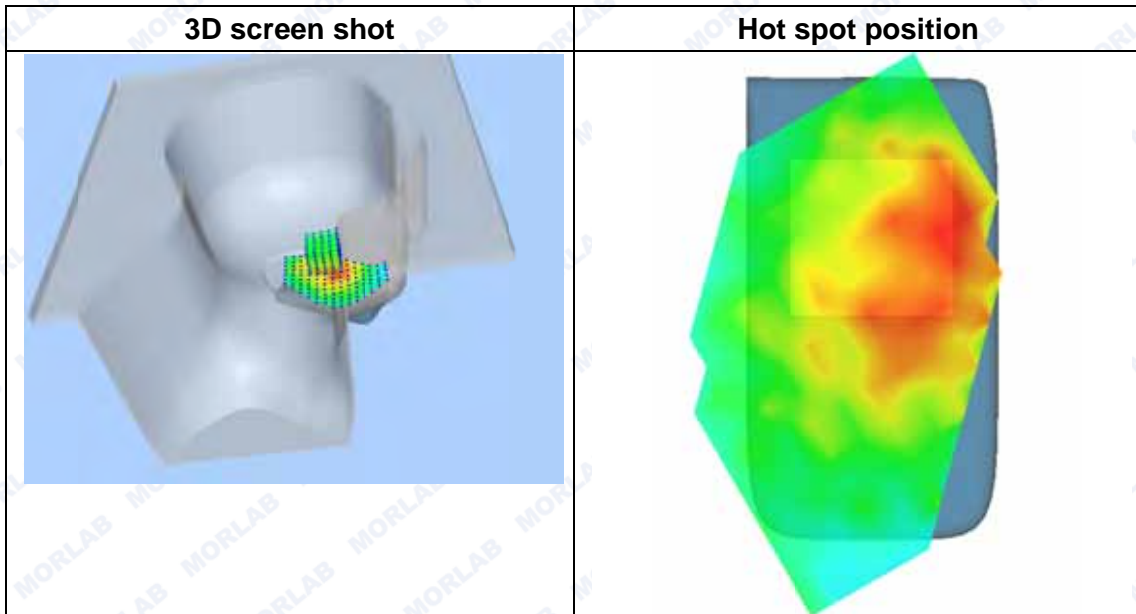
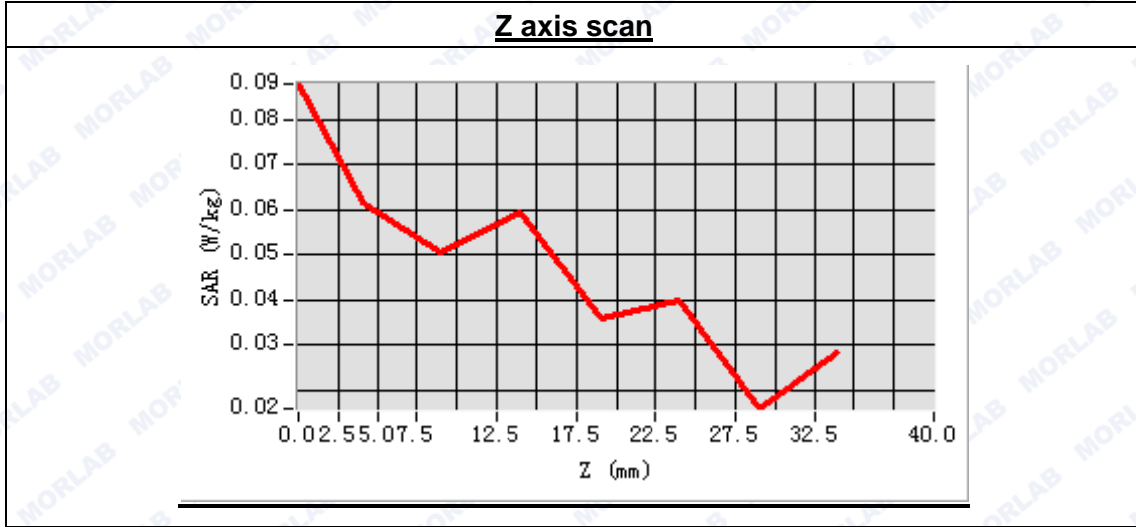




Maximum location: X=-34.00, Y=1.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.059681
SAR 1g (W/Kg)	0.089625







**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: 2014.10.21  
 Measurement duration: 9 minutes 37 seconds

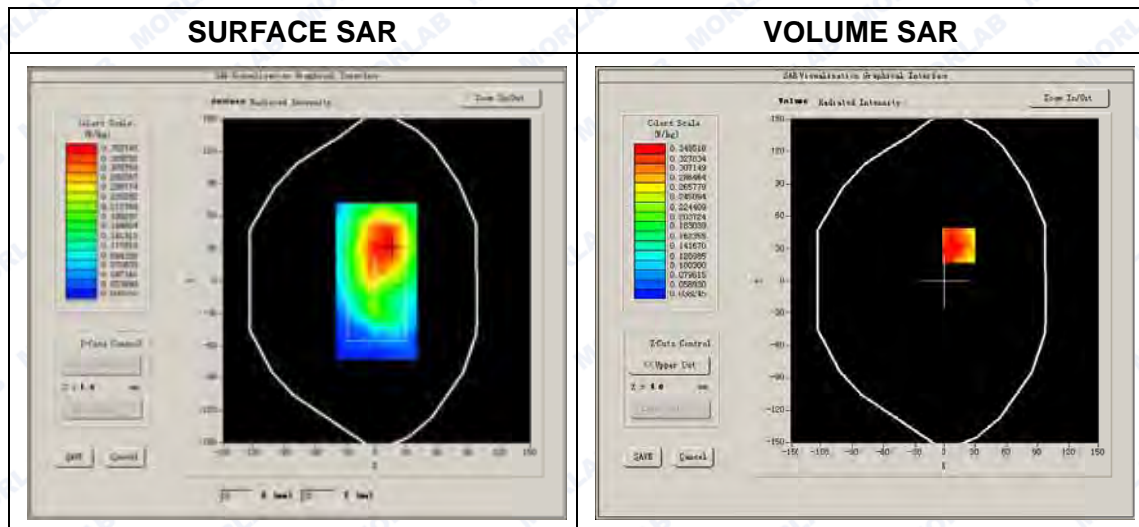
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift (%)	1.340000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:8

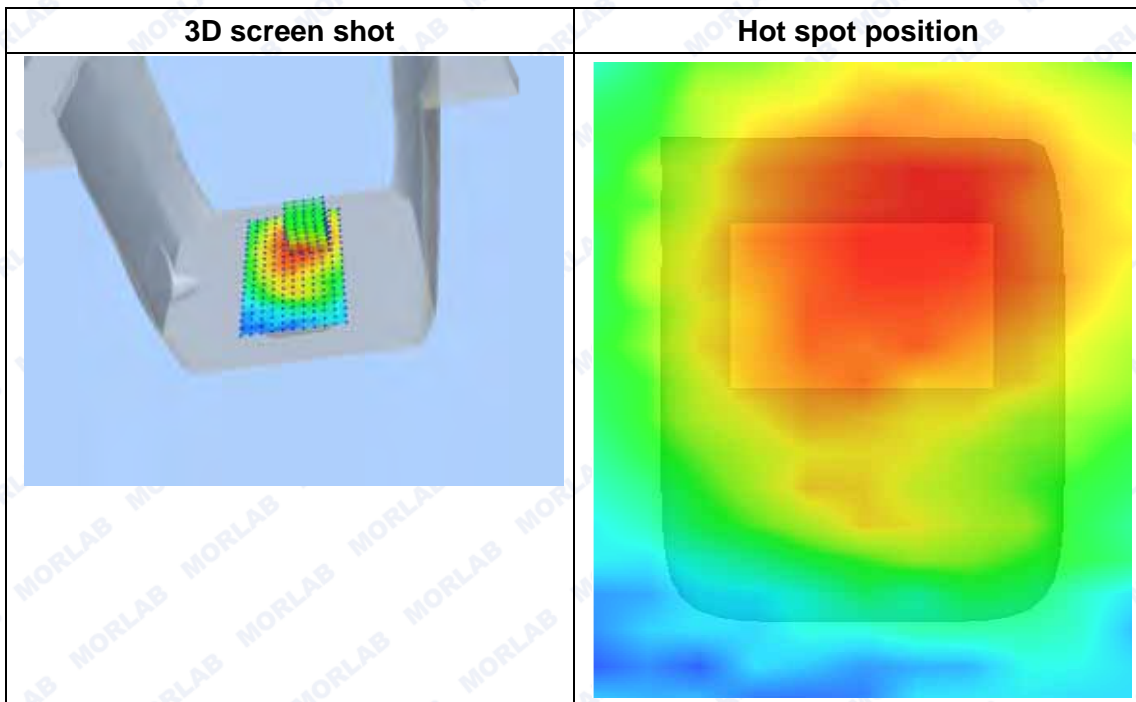
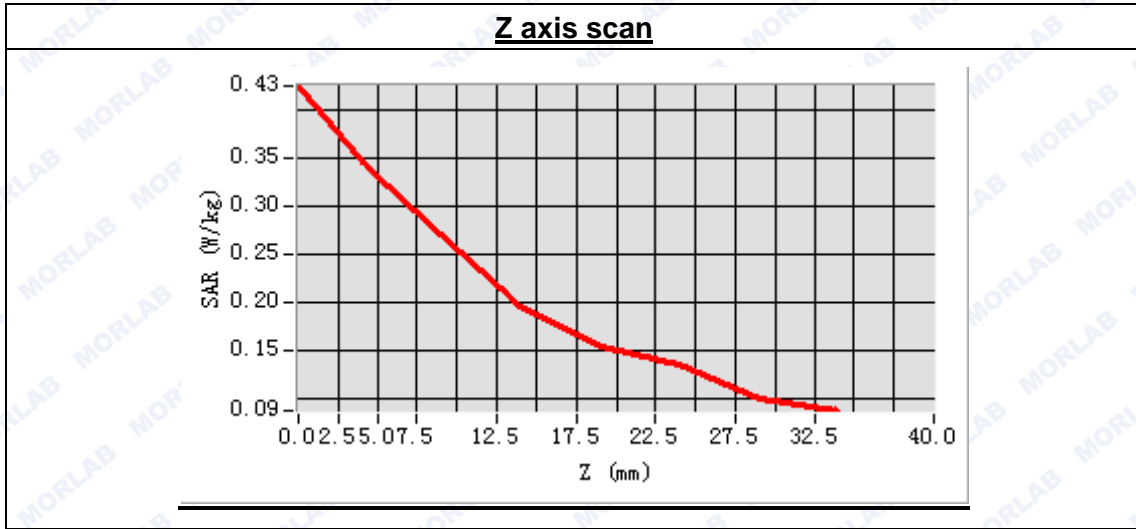




Maximum location: X=14.00, Y=33.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.270328
SAR 1g (W/Kg)	0.360998





**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: 2014.10.21  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

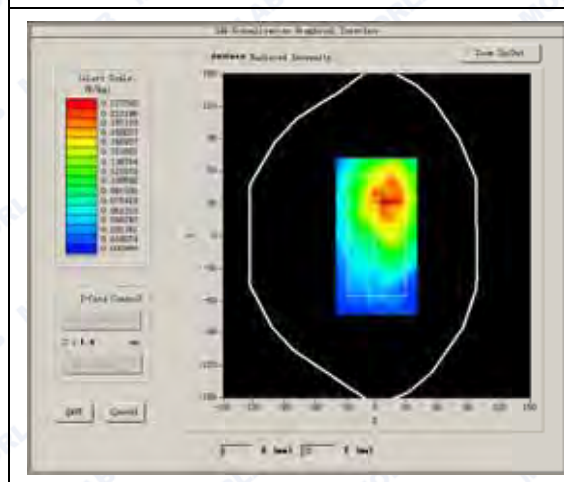
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	GSM

**B. SAR Measurement Results**

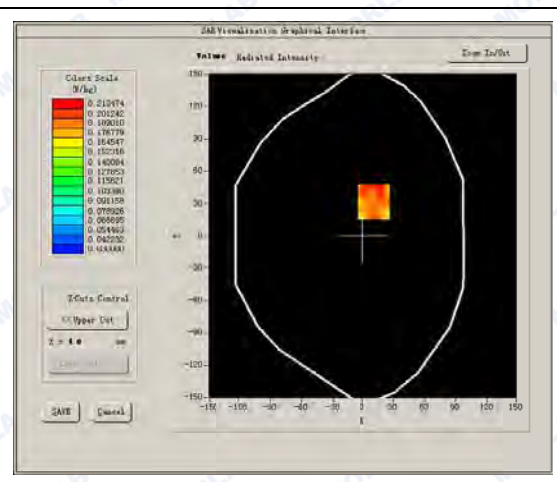
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift(%)	-3.790000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

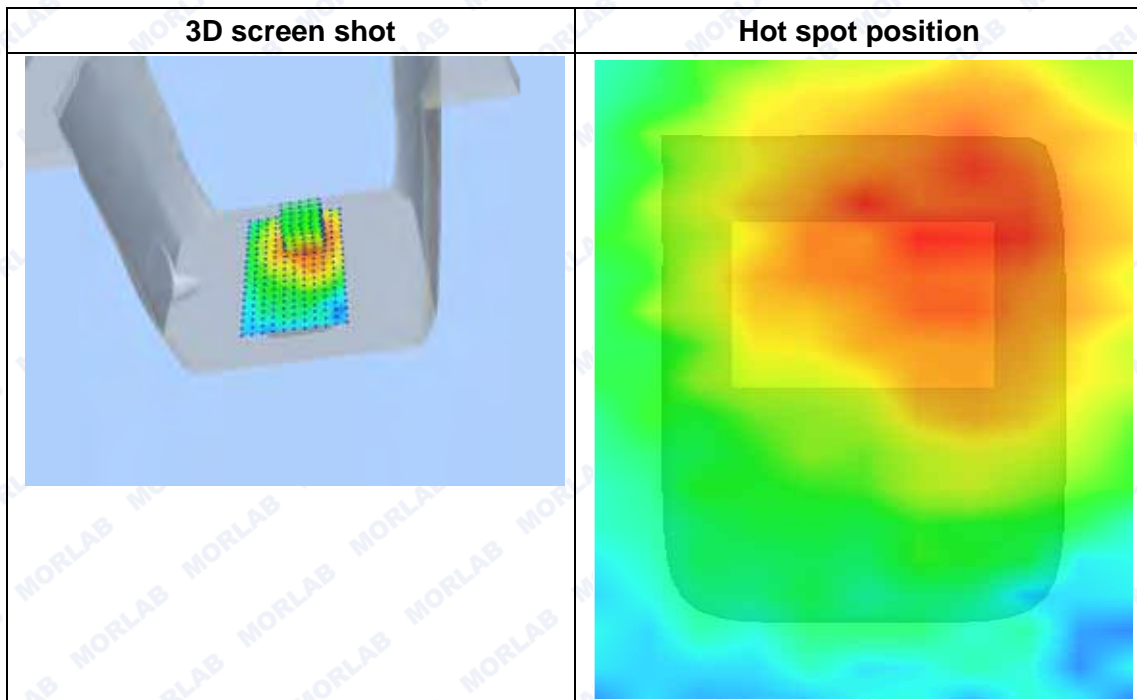
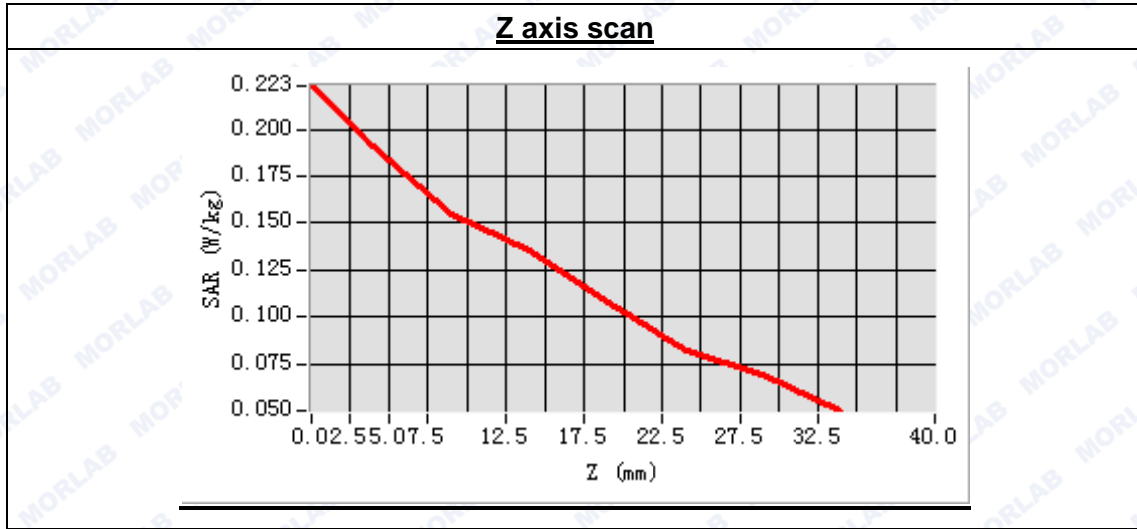




Maximum location: X=10.00, Y=32.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.160920
SAR 1g (W/Kg)	0.226659





**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: 2014.10.21  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

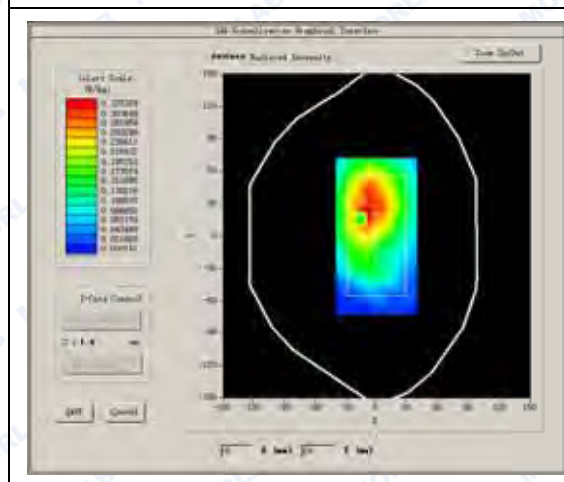
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	High
Signal	EDGE

**B. SAR Measurement Results**

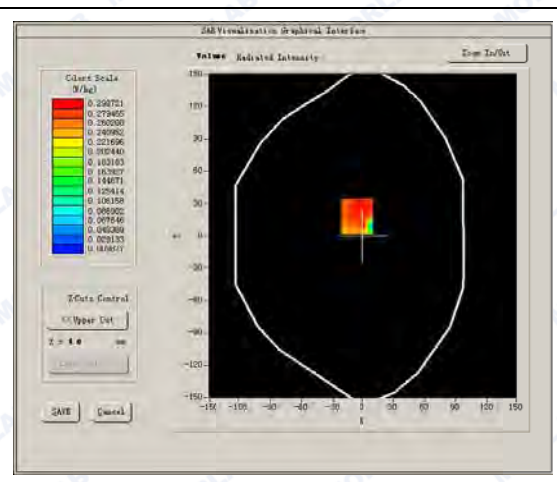
High Band SAR (Channel 251):

Frequency (MHz)	848.00000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift(%)	2.470000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

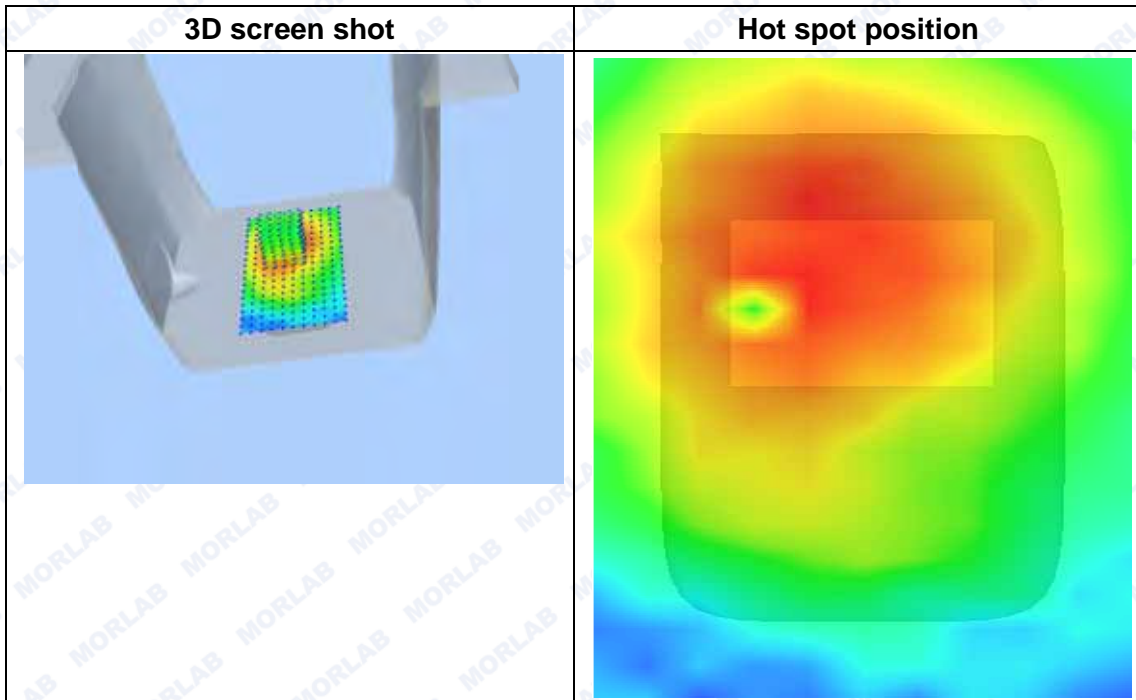
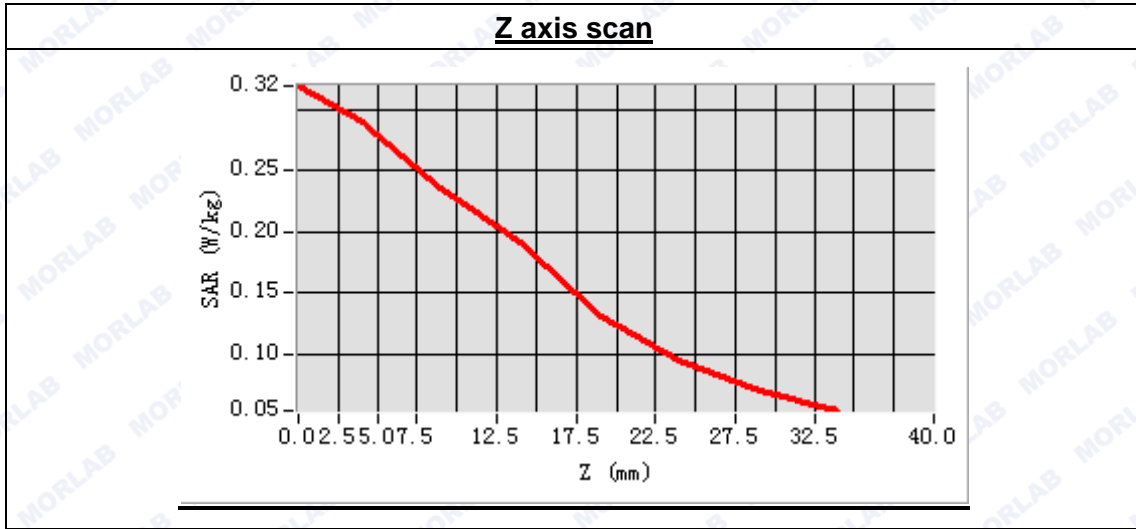




Maximum location: X=-6.00, Y=18.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.201840
SAR 1g (W/Kg)	0.290160





**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: 2014.10.21  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

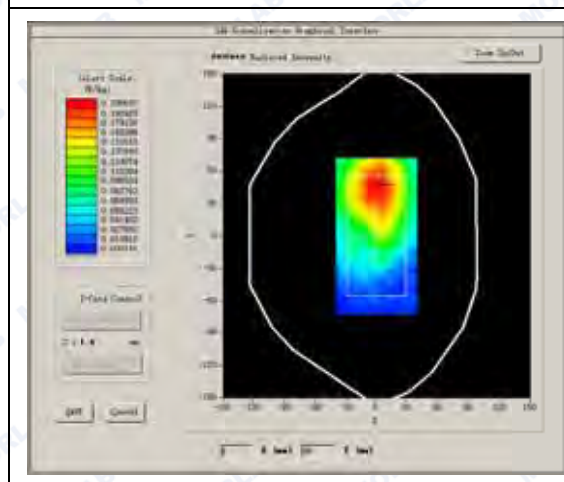
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	High
Signal	EDGE

**B. SAR Measurement Results**

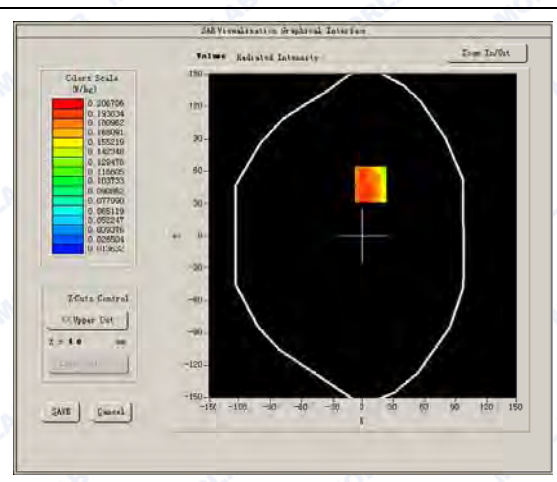
High Band SAR (Channel 251):

Frequency (MHz)	848.00000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift(%)	1.500000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

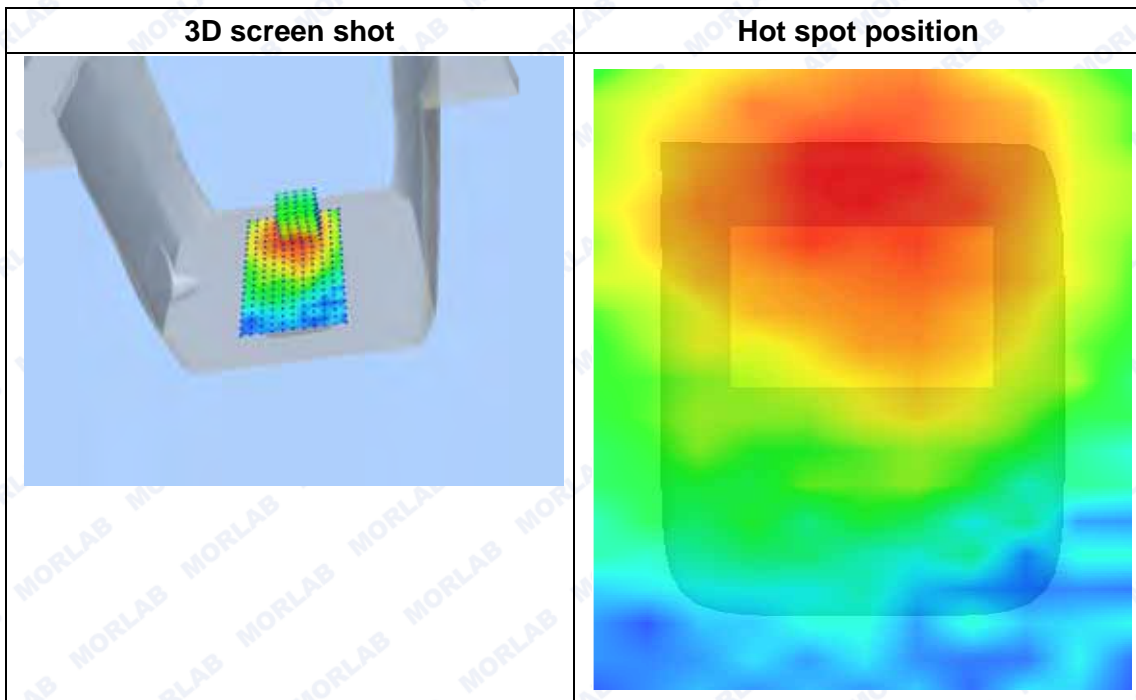
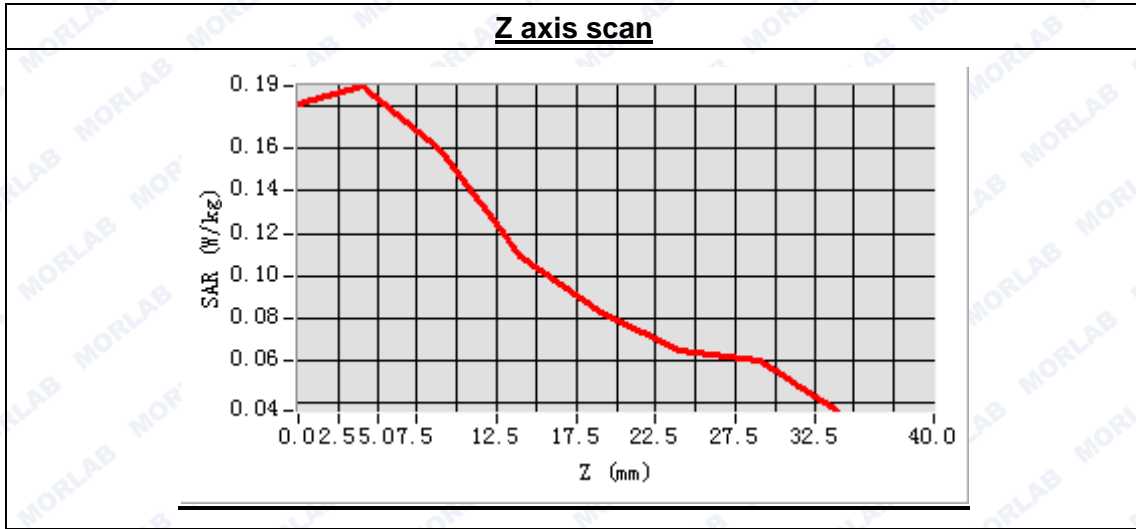




Maximum location: X=7.00, Y=48.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.142696
SAR 1g (W/Kg)	0.197519





**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: 2014.10.21

Measurement duration: 9 minutes 36 seconds

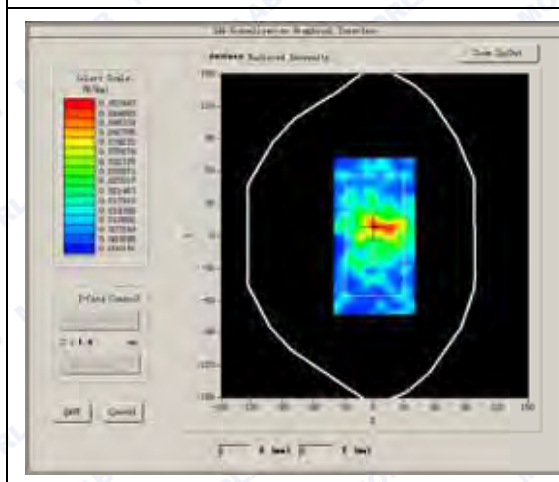
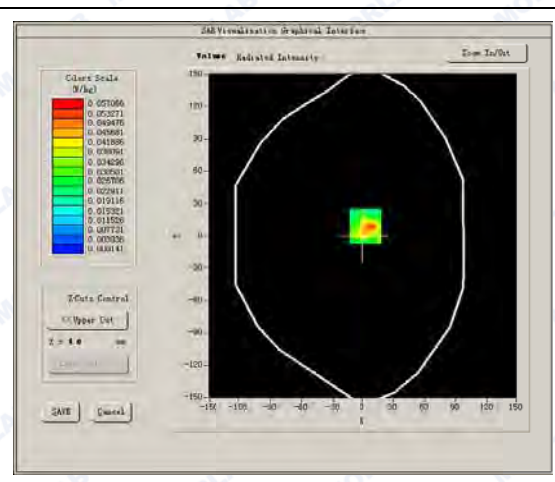
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 251):

Frequency (MHz)	848.00000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift(%)	0.250000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:2

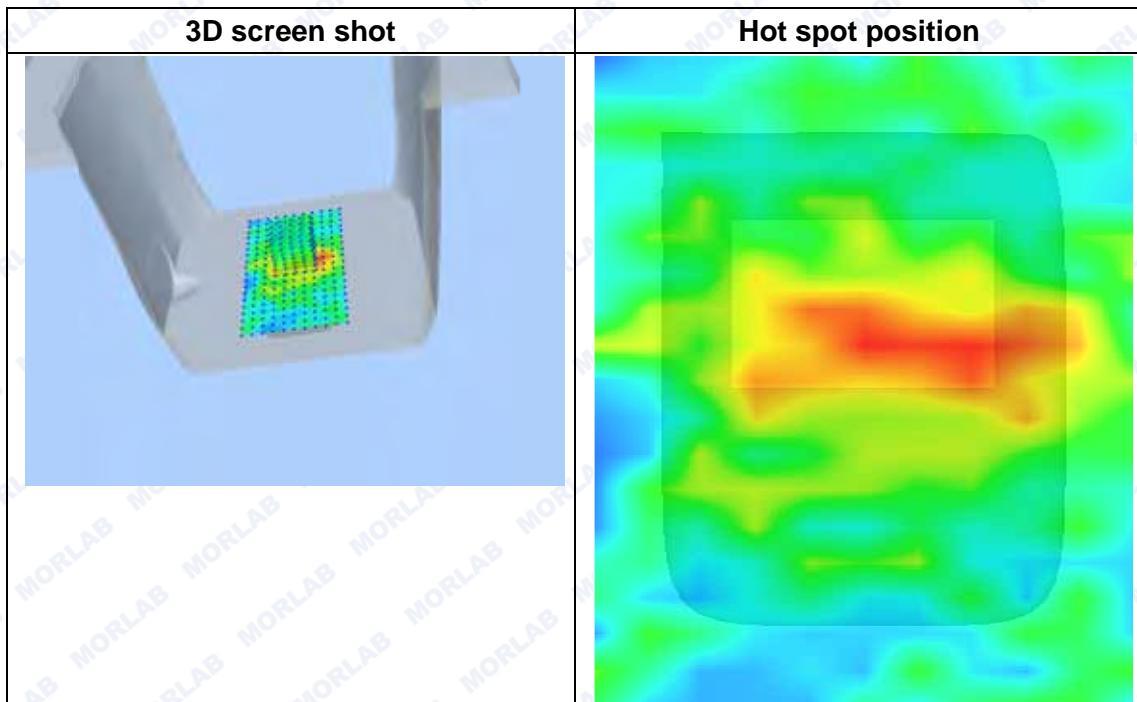
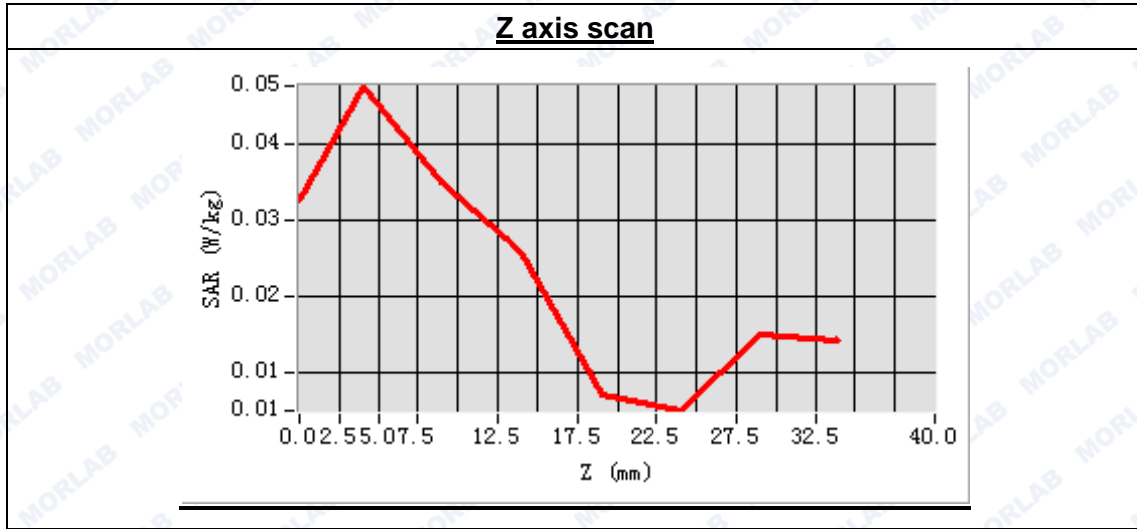
**SURFACE SAR****VOLUME SAR**



Maximum location: X=2.00, Y=9.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.026457
SAR 1g (W/Kg)	0.046831





**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: 2014.10.21  
 Measurement duration: 9 minutes 36 seconds

**A. Experimental conditions.**

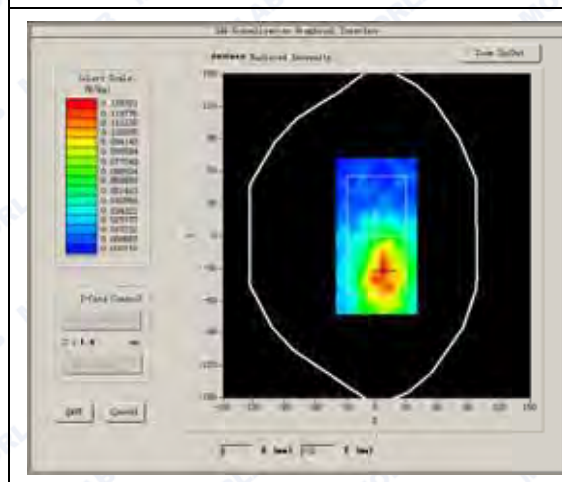
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	High
Signal	EDGE

**B. SAR Measurement Results**

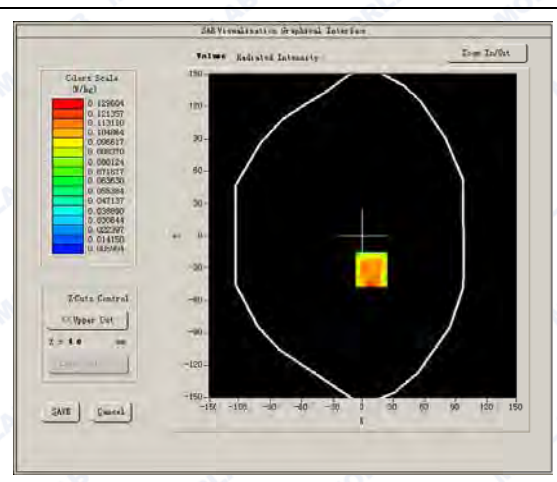
High Band SAR (Channel 251):

Frequency (MHz)	848.00000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift(%)	0.250000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

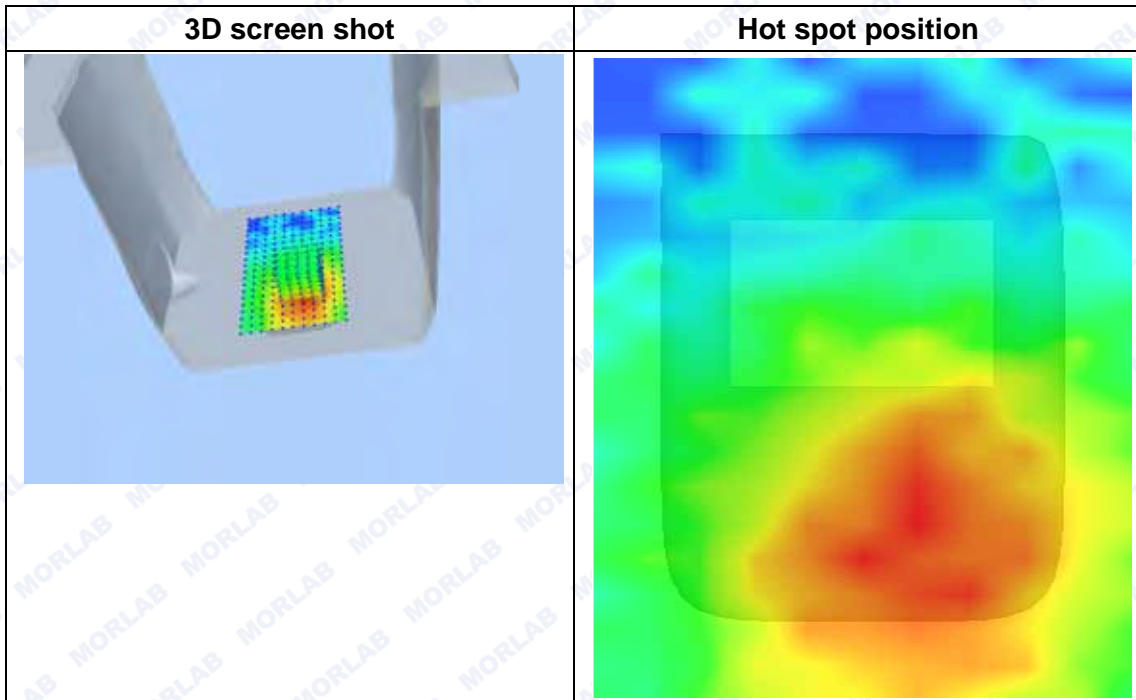
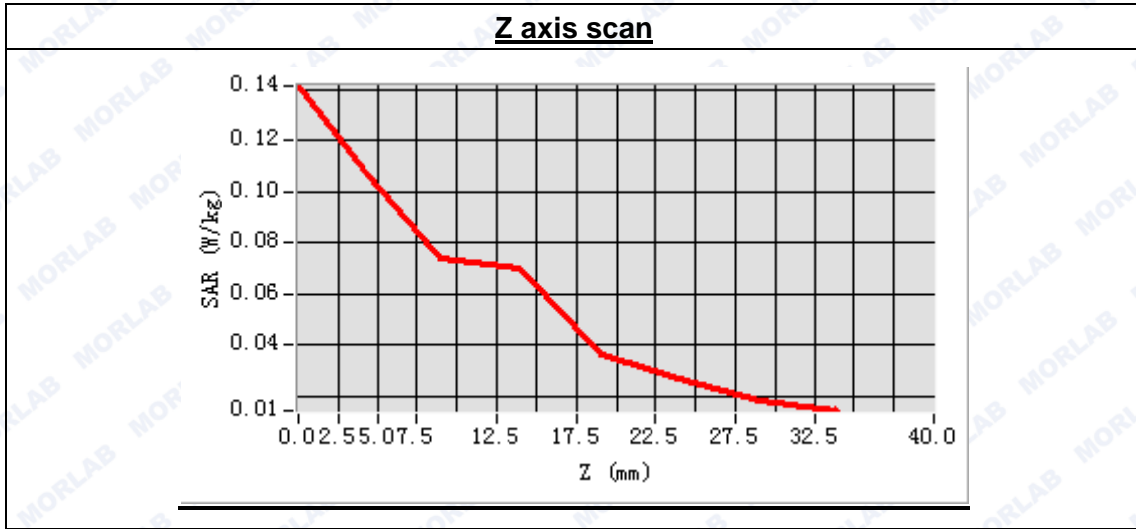




Maximum location: X=8.00, Y=-31.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.077851
SAR 1g (W/Kg)	0.118446





**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: 2014.10.21  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

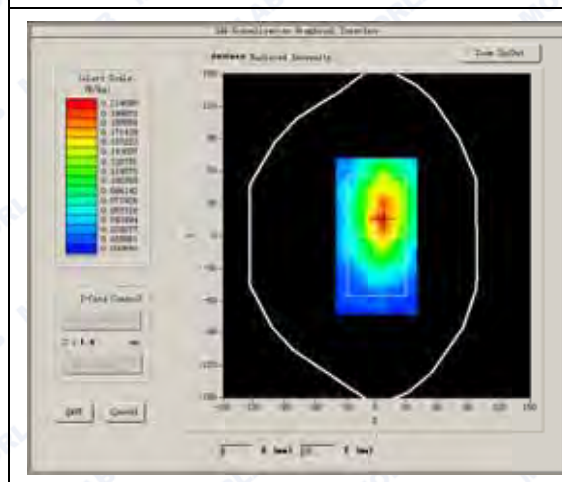
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	High
Signal	EDGE

**B. SAR Measurement Results**

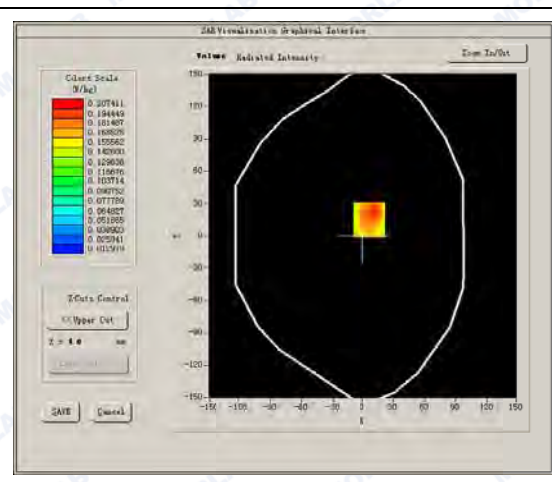
High Band SAR (Channel 251):

Frequency (MHz)	848.00000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift(%)	2.030000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

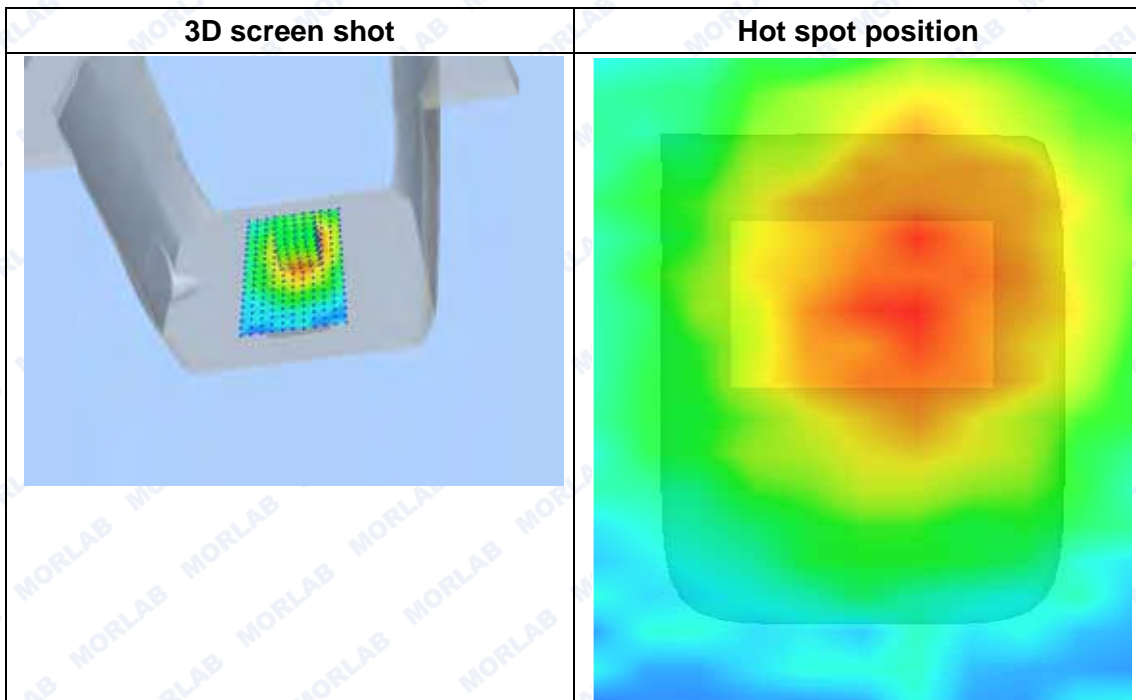
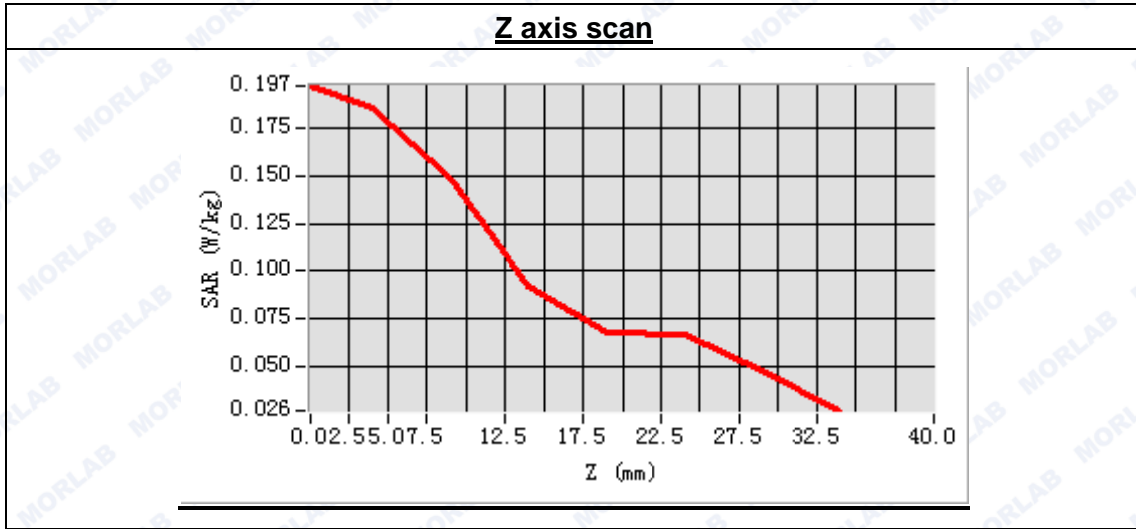




Maximum location: X=6.00, Y=15.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.127965
SAR 1g (W/Kg)	0.195418





**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: 2014.10.22

Measurement duration: 9 minutes 24 seconds

**A. Experimental conditions.**

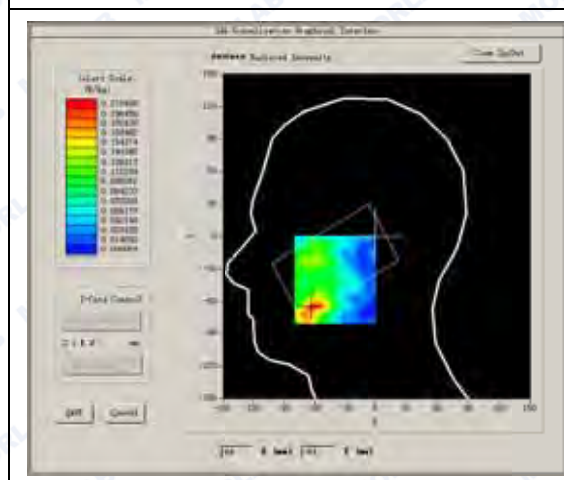
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	High
Signal	GSM

**B. SAR Measurement Results**

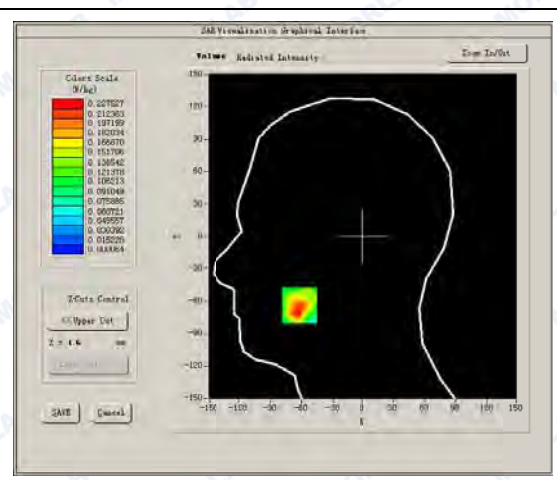
High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.958437
Conductivity (S/m)	1.428857
Power drift(%)	2.230000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

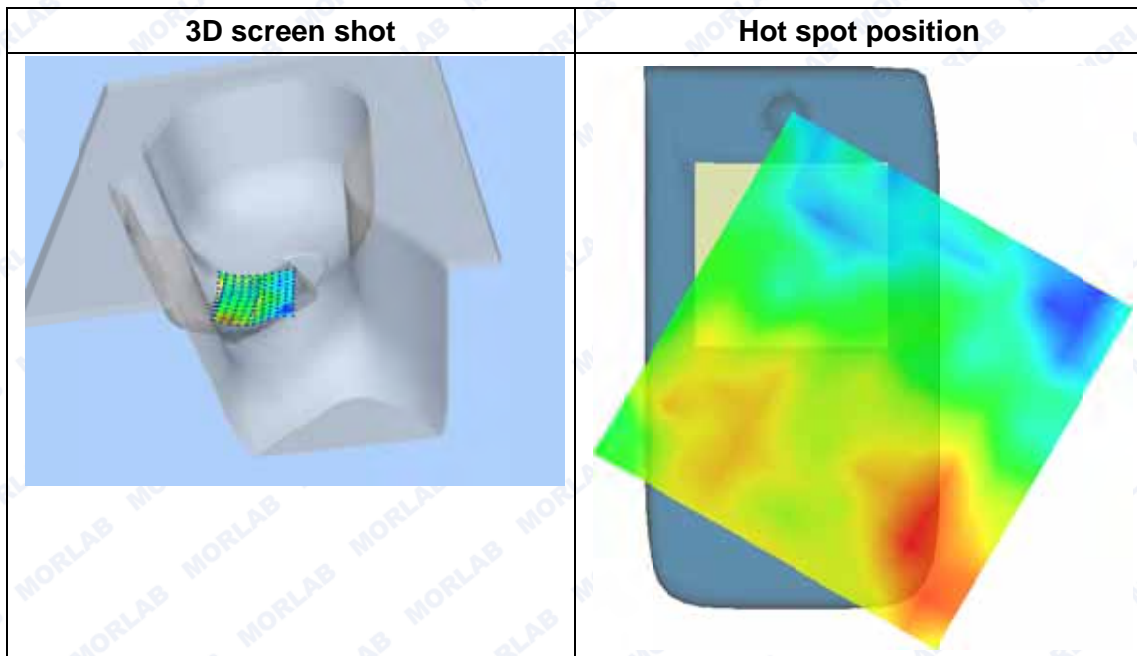
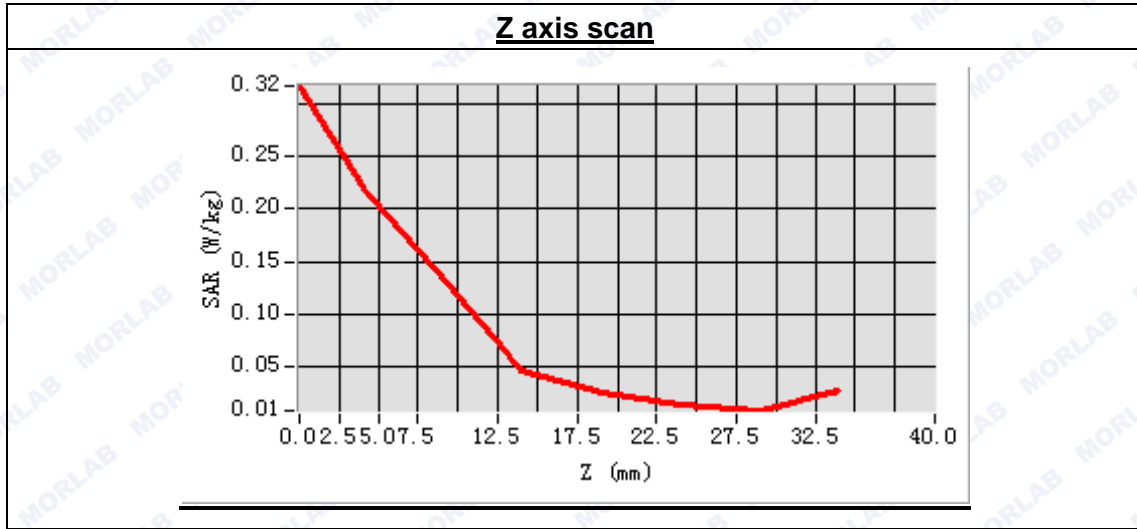




Maximum location: X=-62.00, Y=-64.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.112019
SAR 1g (W/Kg)	0.230098







**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: 2014.10.22  
 Measurement duration: 9 minutes 39 seconds

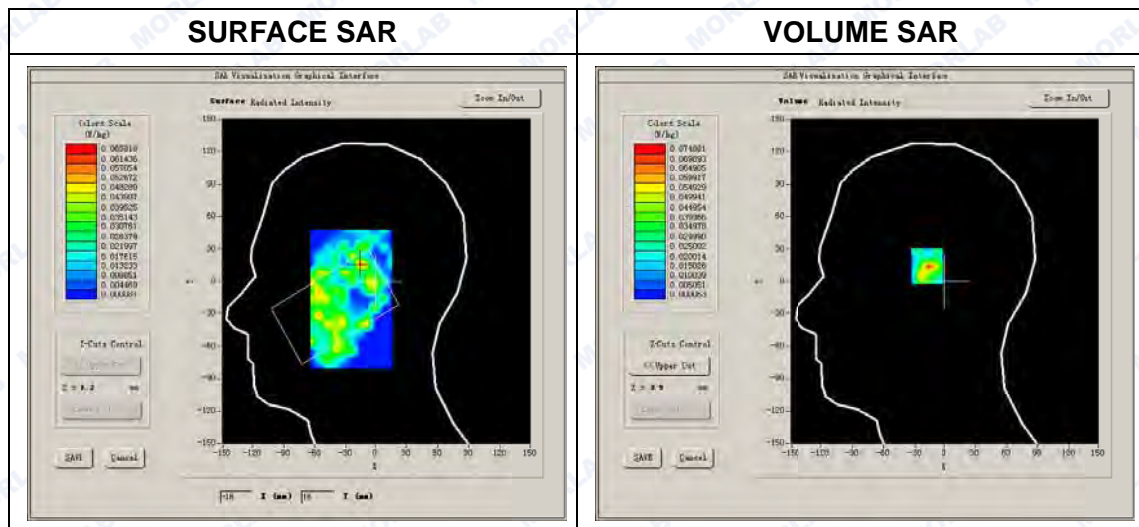
**A. Experimental conditions.**

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Tilt
Band	GSM1900
Channels	High
Signal	GSM

**B. SAR Measurement Results**

High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.958437
Conductivity (S/m)	1.428857
Power drift(%)	-1.020000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:8

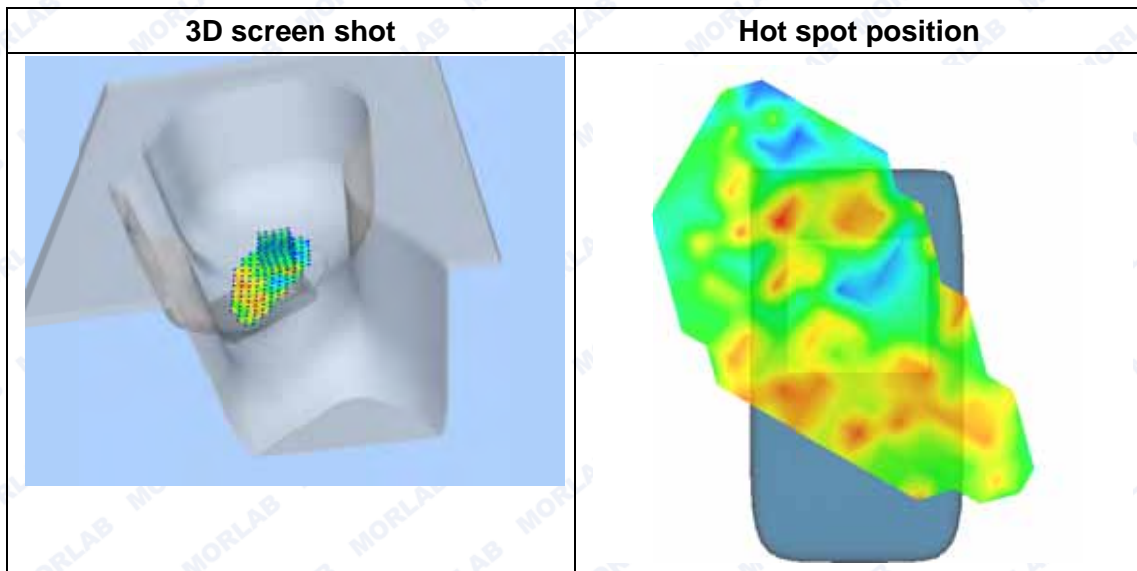
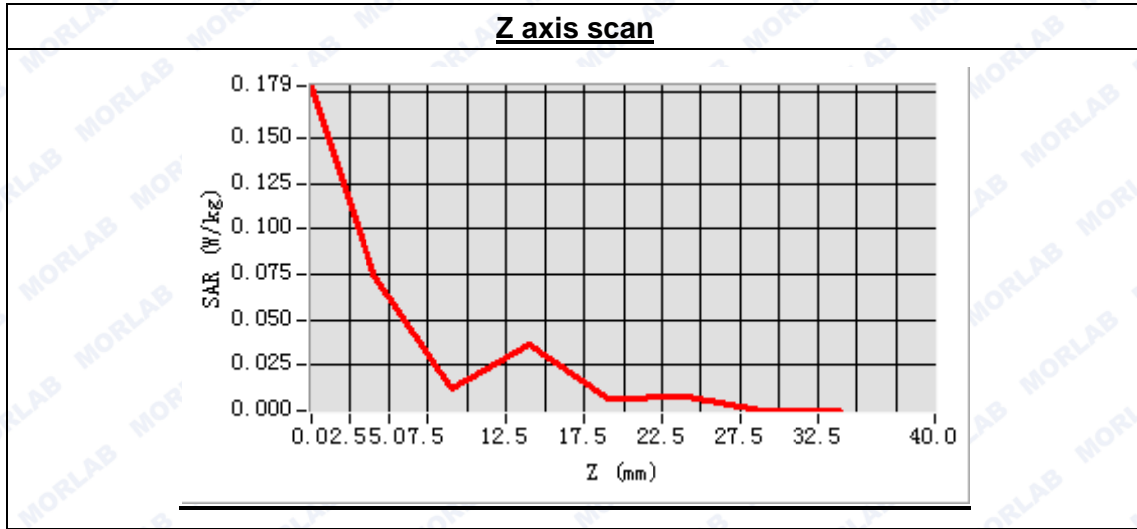




Maximum location: X=-15.00, Y=16.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.027191
SAR 1g (W/Kg)	0.071047



**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: 2014.10.22  
 Measurement duration: 9 minutes 9 seconds

**A. Experimental conditions.**

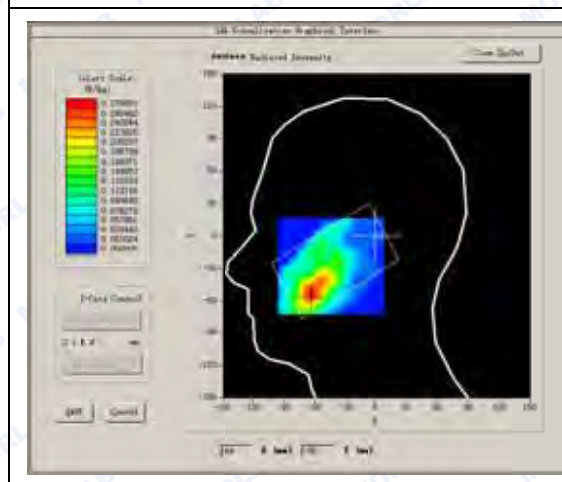
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Channels	High
Signal	GSM

**B. SAR Measurement Results**

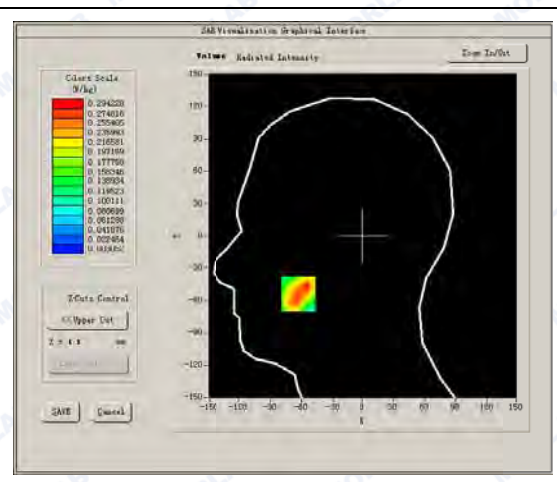
High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.958437
Conductivity (S/m)	1.428857
Power drift(%)	-1.240000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**



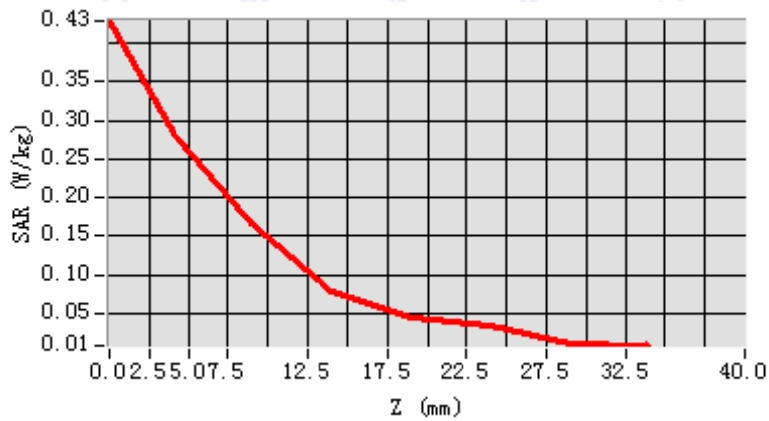


Maximum location: X=-63.00, Y=-54.00

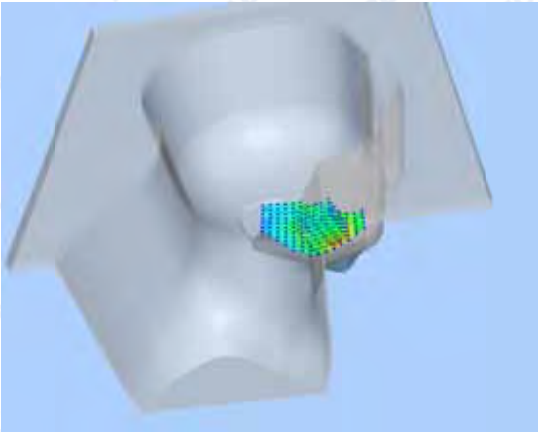
SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.152045
SAR 1g (W/Kg)	0.298041

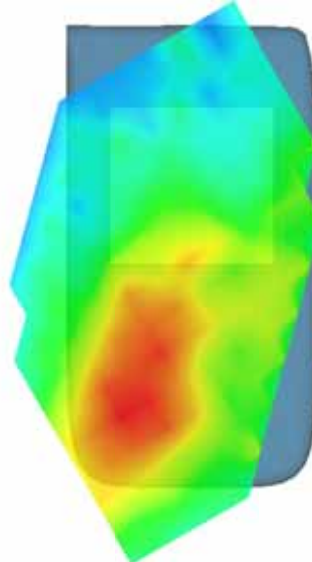
**Z axis scan**



**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: 2014.10.22

Measurement duration: 7 minutes 59 seconds

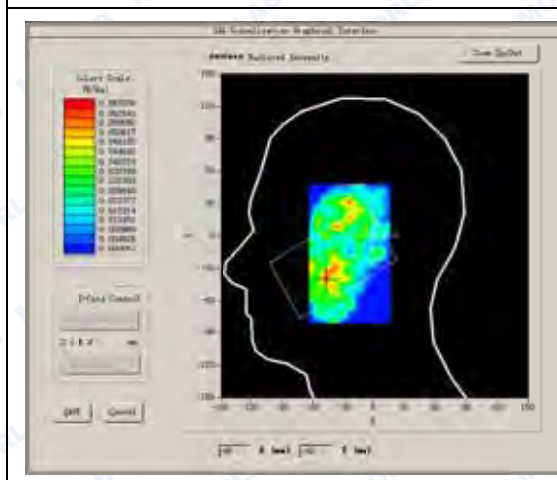
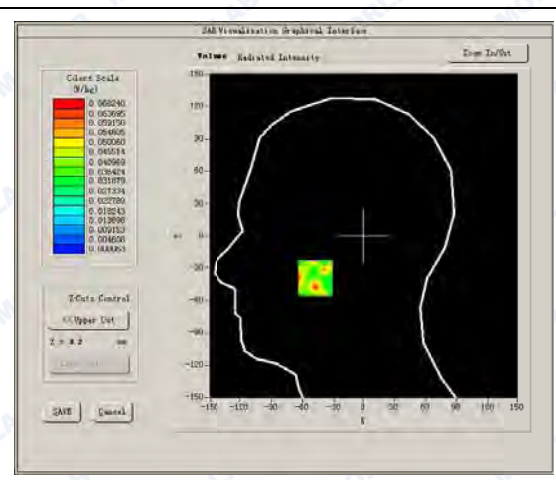
**A. Experimental conditions.**

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Tilt
Band	GSM1900
Channels	High
Signal	GSM

**B. SAR Measurement Results**

High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.958437
Conductivity (S/m)	1.428857
Power drift(%)	2.300000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:8

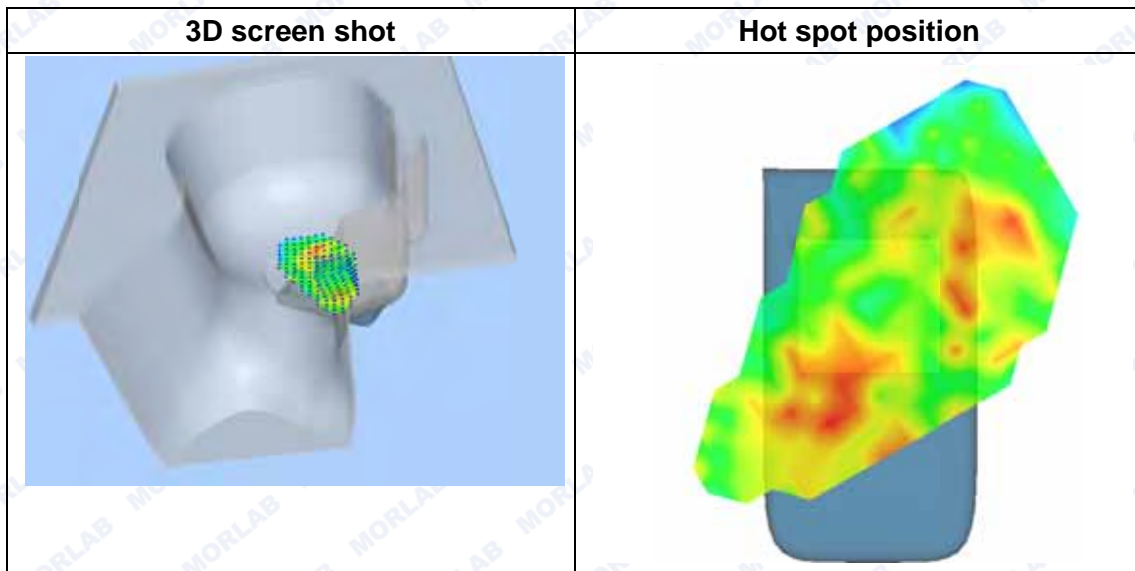
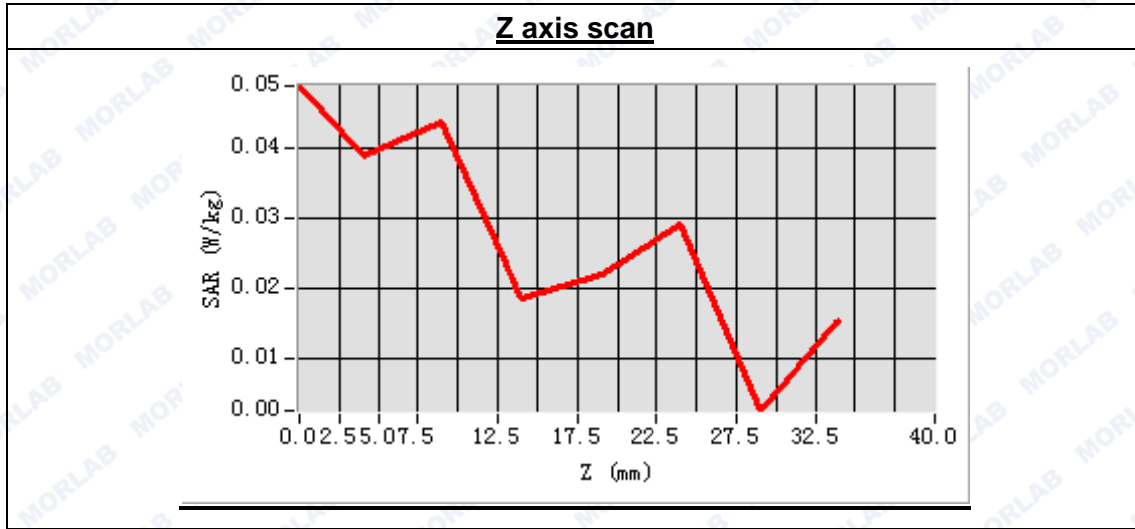
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-48.00, Y=-39.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.032960
SAR 1g (W/Kg)	0.068794





**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: 2014.10.22  
 Measurement duration: 9 minutes 32 seconds

**A. Experimental conditions.**

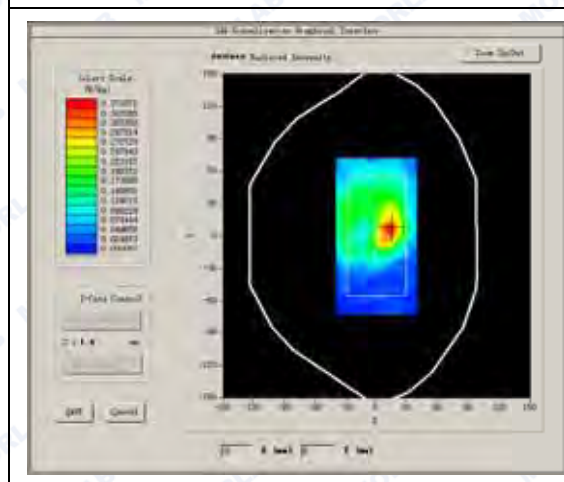
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	High
Signal	GSM

**B. SAR Measurement Results**

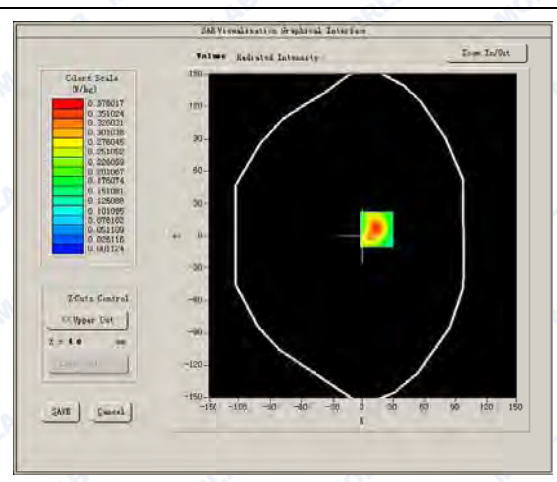
High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-2.710000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

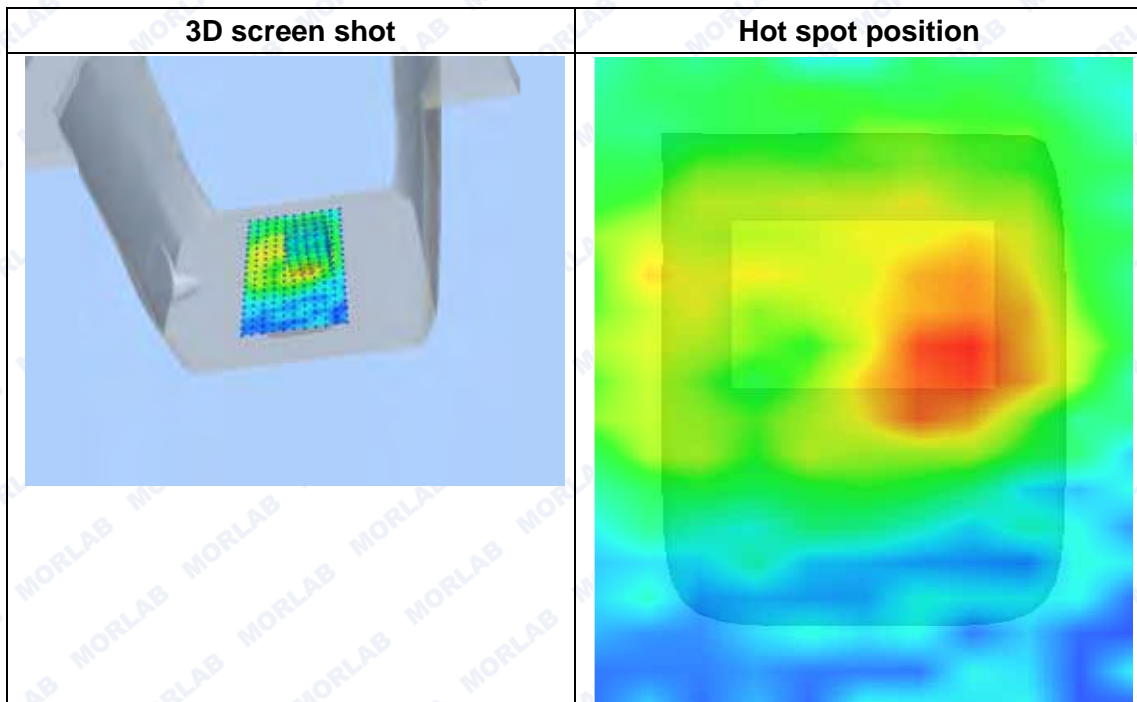
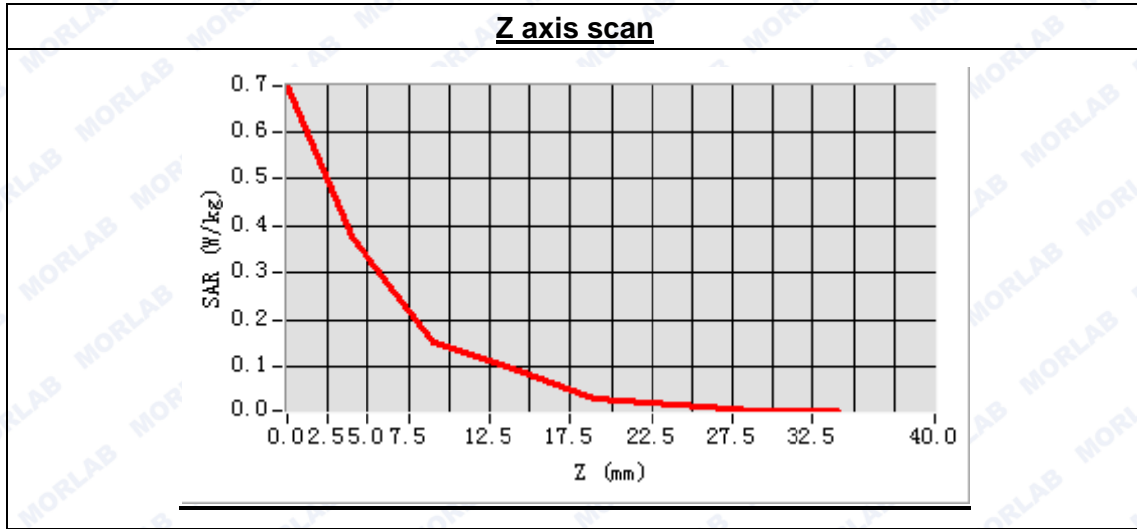




Maximum location: X=14.00, Y=6.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.187649
SAR 1g (W/Kg)	0.389427







**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: 2014.10.22  
 Measurement duration: 9 minutes 32 seconds

**A. Experimental conditions.**

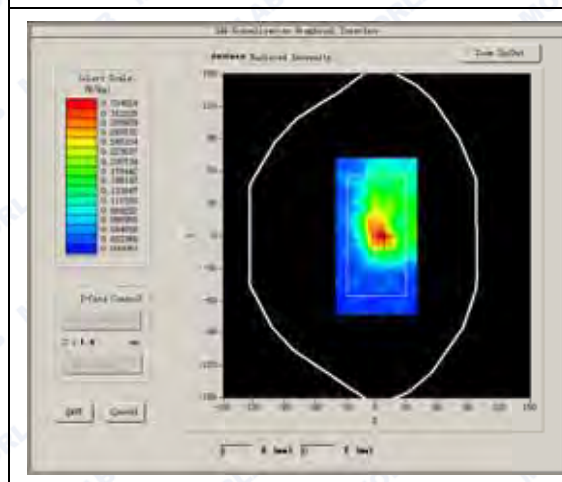
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	High
Signal	GSM

**B. SAR Measurement Results**

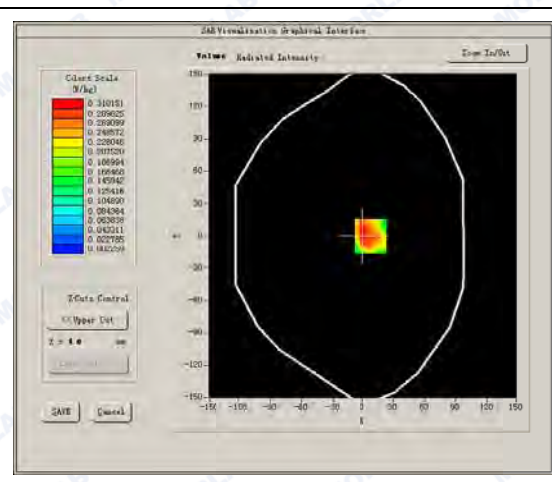
High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-2.610000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:8

**SURFACE SAR**



**VOLUME SAR**

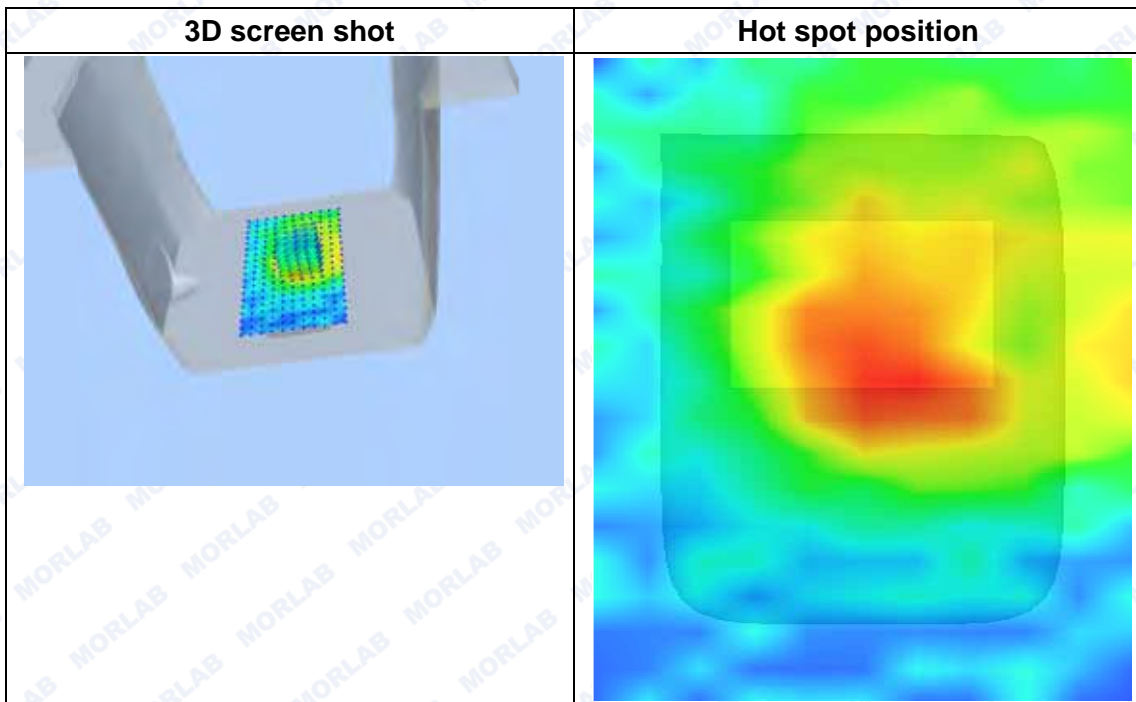
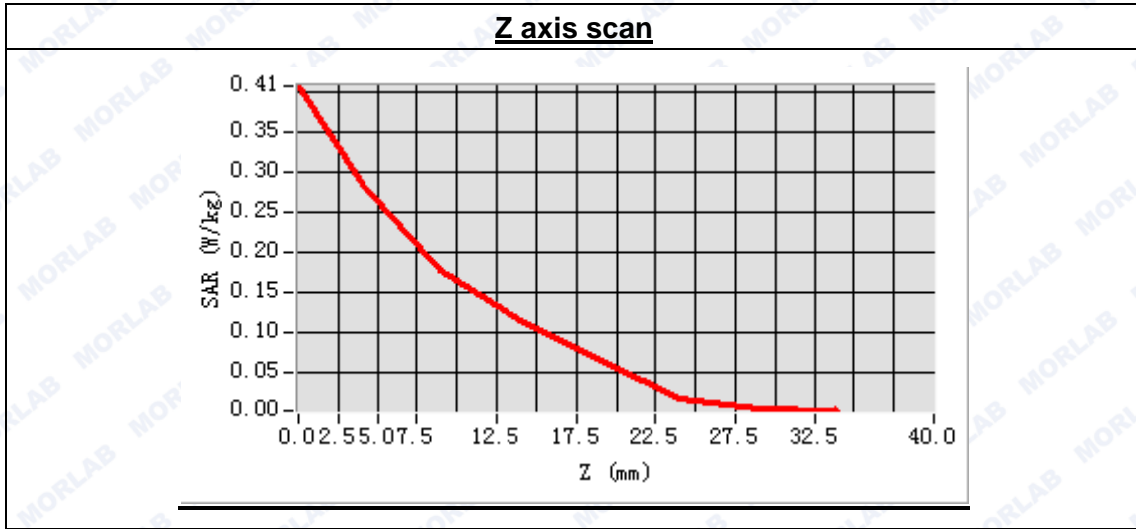




Maximum location: X=7.00, Y=0.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.169747
SAR 1g (W/Kg)	0.331758





**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: 2014.10.22  
 Measurement duration: 9 minutes 23 seconds

**A. Experimental conditions.**

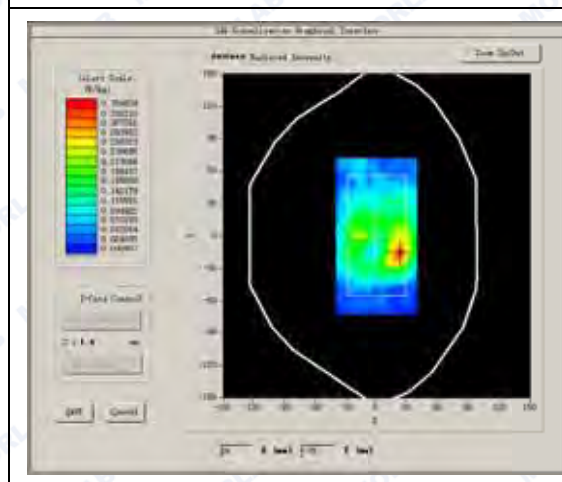
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	EDGE

**B. SAR Measurement Results**

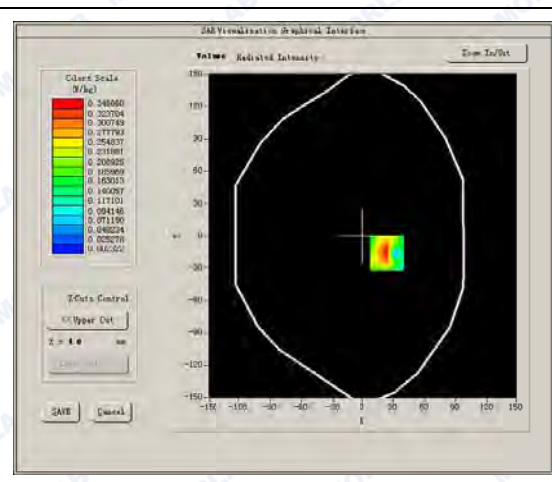
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-2.530000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

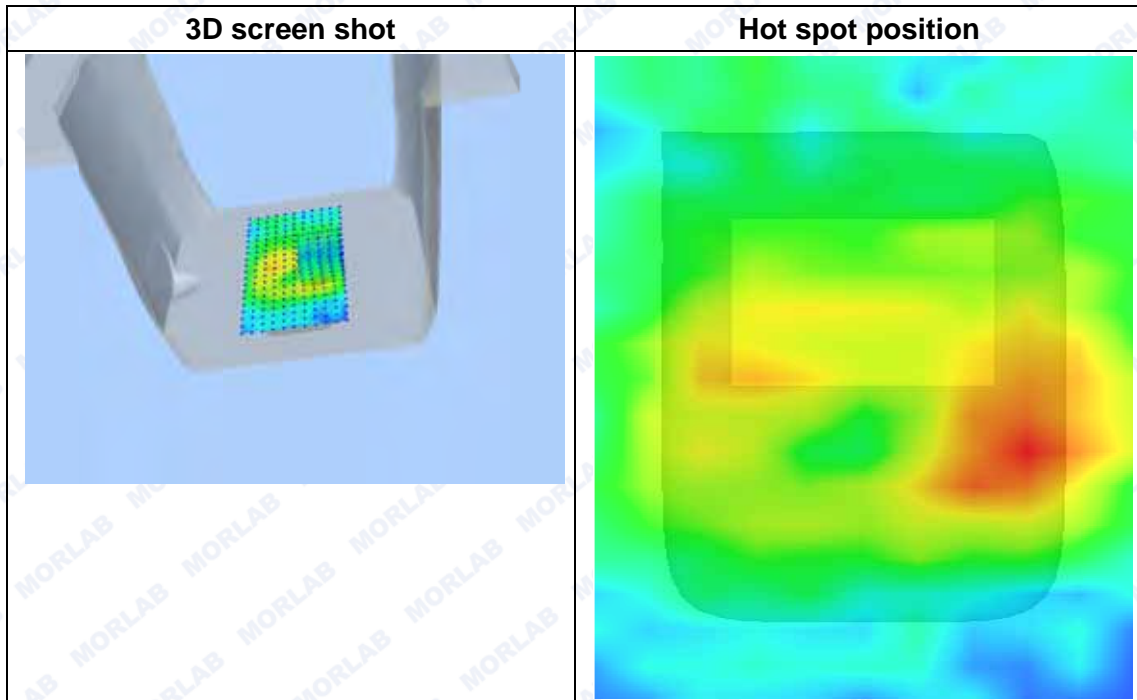
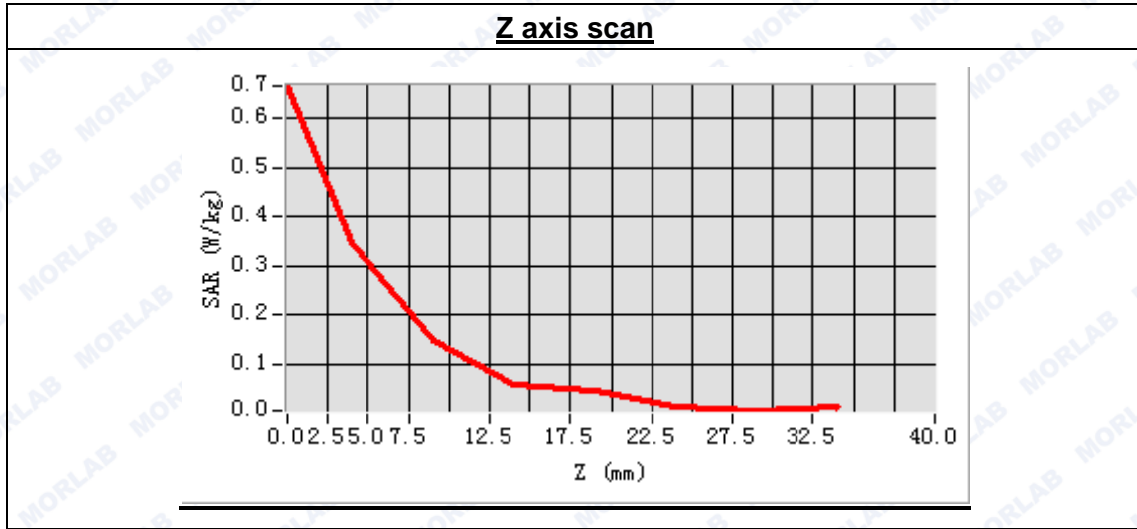




Maximum location: X=24.00, Y=-16.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.153000
SAR 1g (W/Kg)	0.339691





**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: 2014.10.22  
 Measurement duration: 9 minutes 30 seconds

**A. Experimental conditions.**

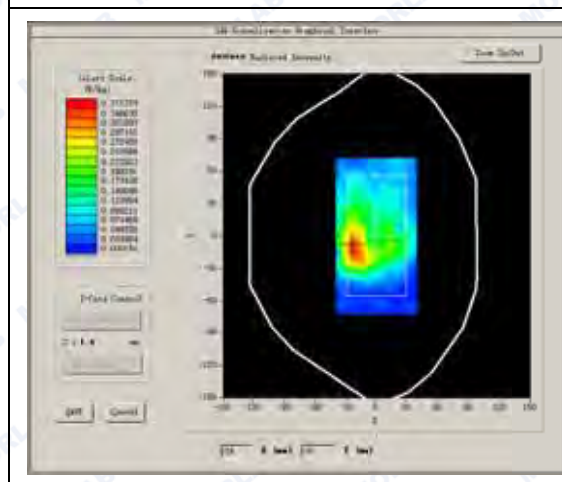
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	EDGE

**B. SAR Measurement Results**

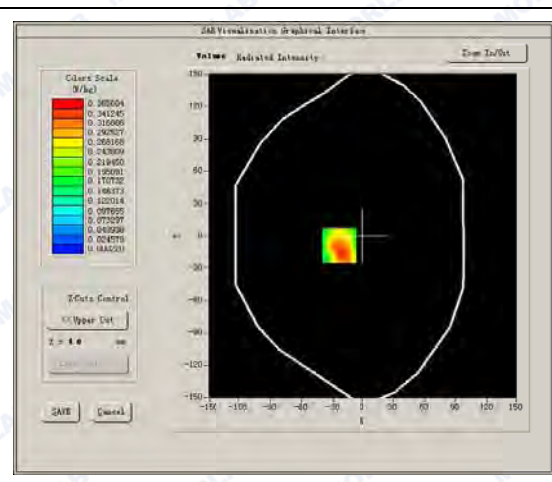
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-0.870000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

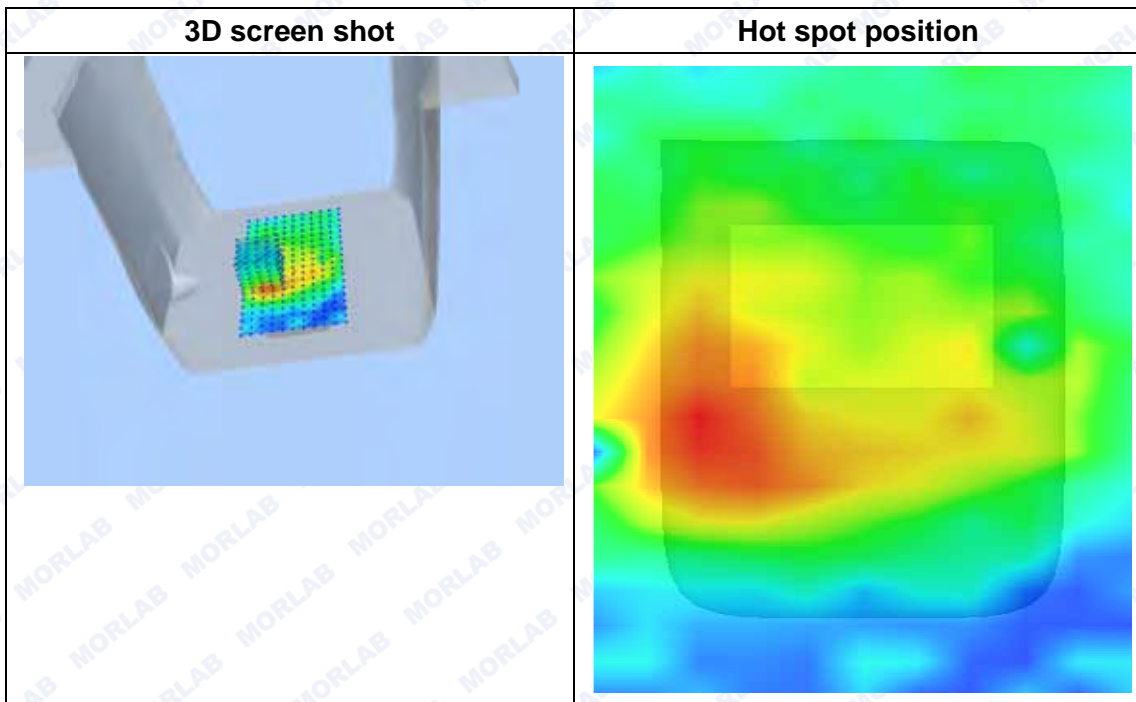
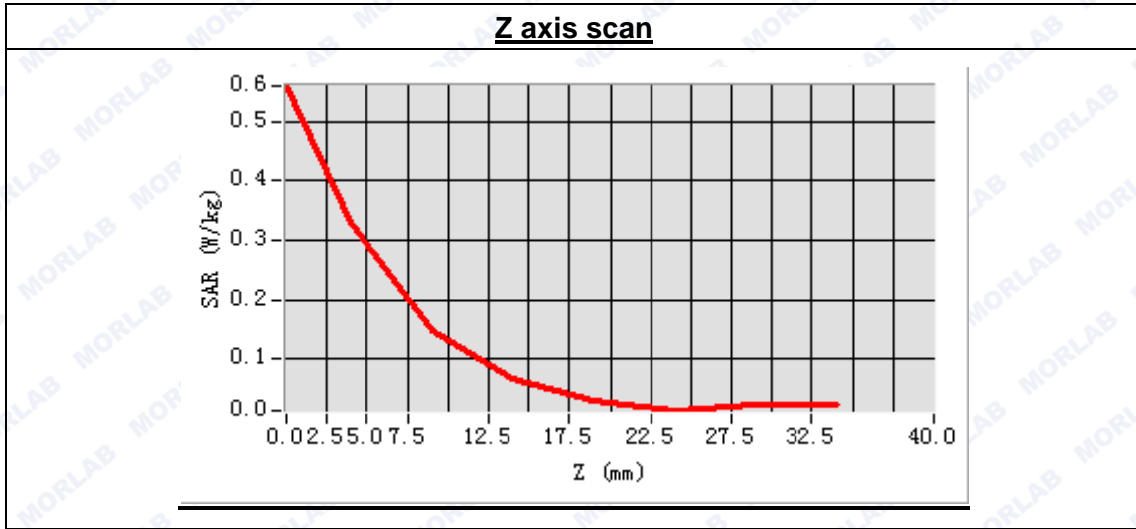




Maximum location: X=-24.00, Y=-9.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.174408
SAR 1g (W/Kg)	0.365929





**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: 2014.10.22  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

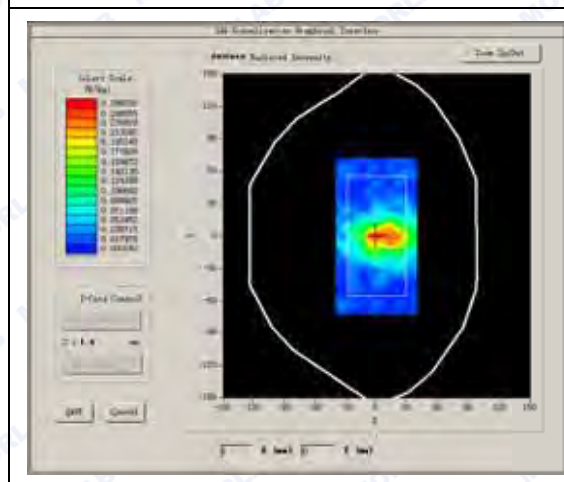
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	EDGE

**B. SAR Measurement Results**

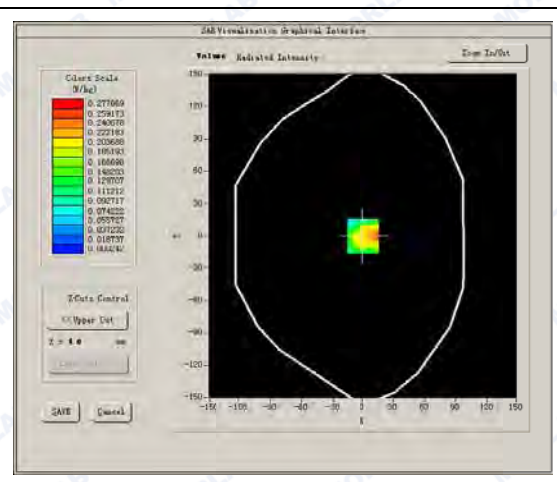
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-1.010000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

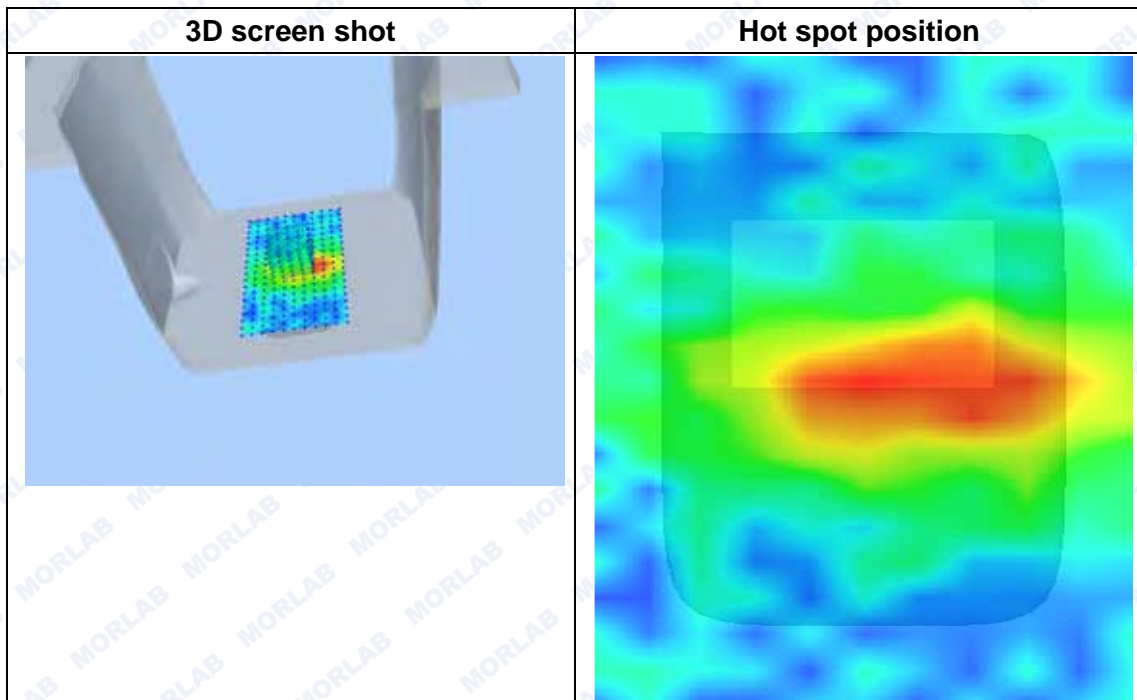
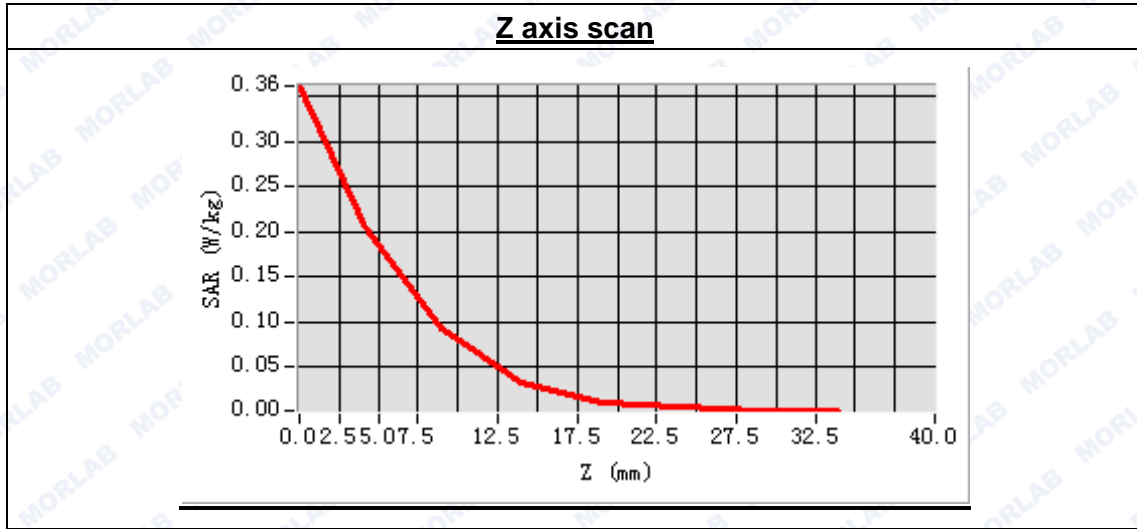




Maximum location: X=0.00, Y=0.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.117795
SAR 1g (W/Kg)	0.254173







**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: 2014.10.22  
 Measurement duration: 9 minutes 30 seconds

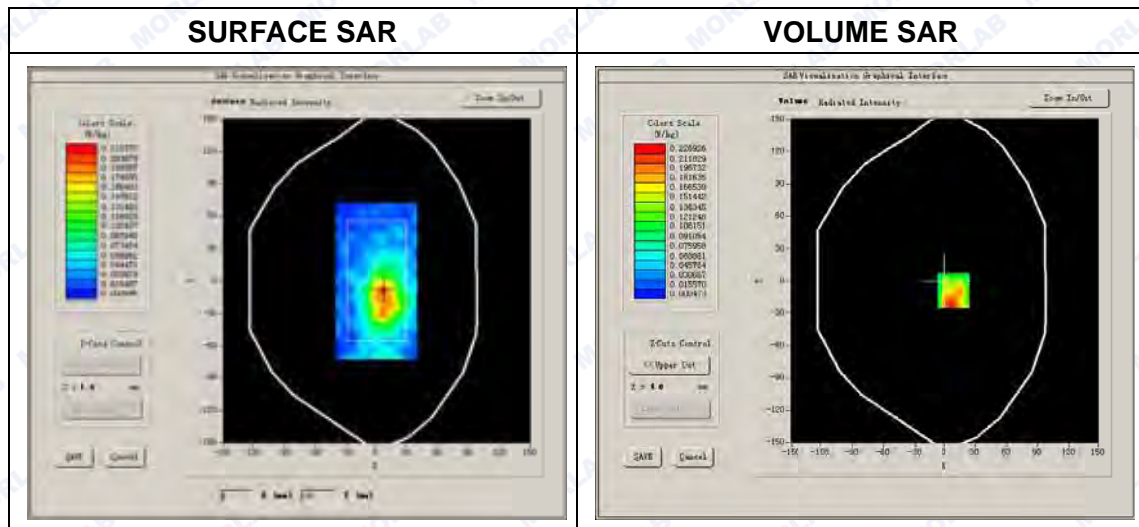
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-3.000000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

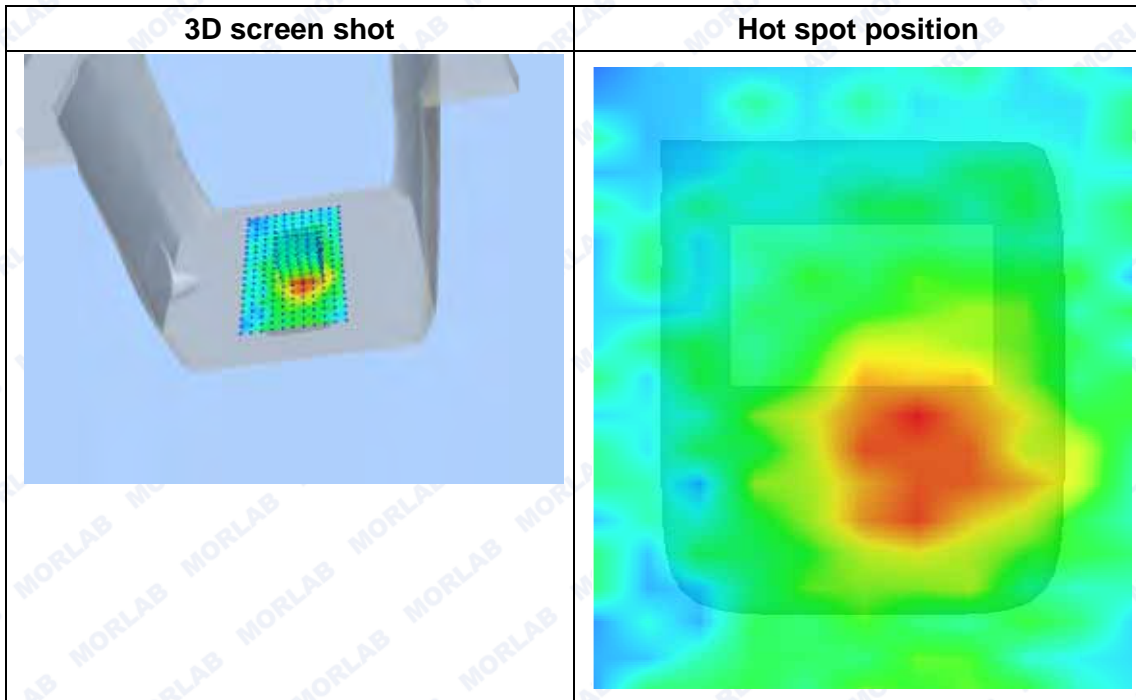
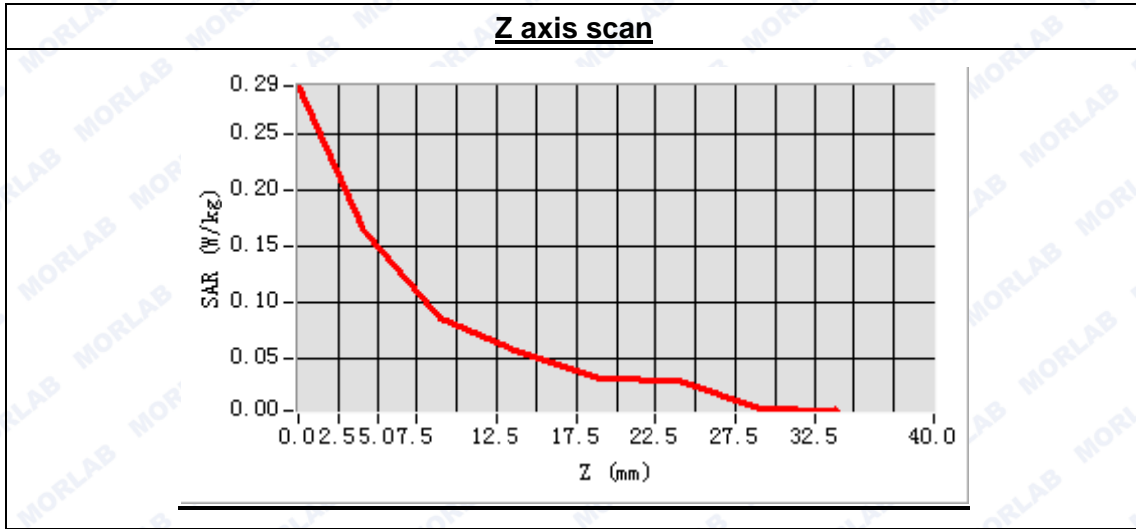




Maximum location: X=8.00, Y=-9.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.106649
SAR 1g (W/Kg)	0.226570





**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: 2014.10.22  
 Measurement duration: 9 minutes 32 seconds

**A. Experimental conditions.**

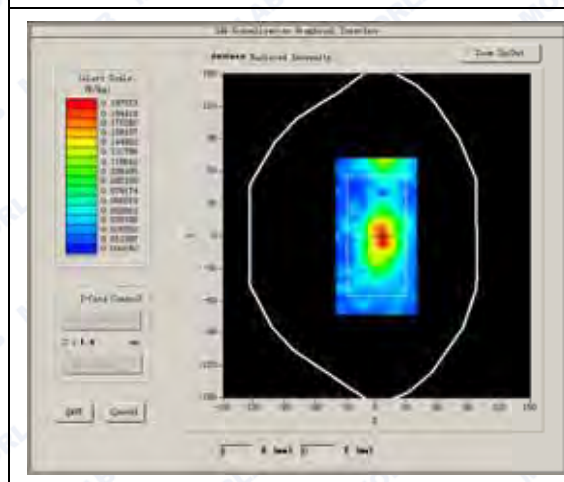
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	EDGE

**B. SAR Measurement Results**

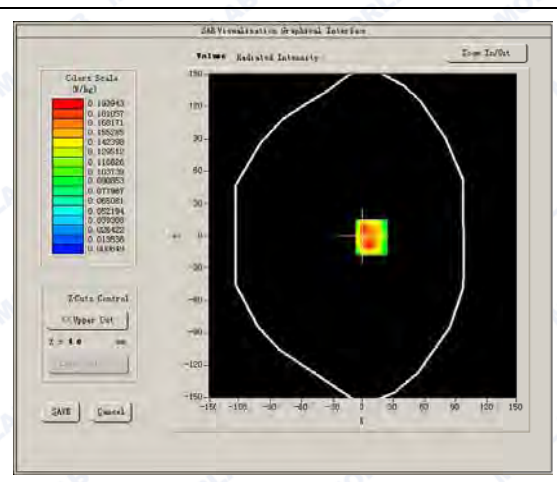
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift(%)	-3.330000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

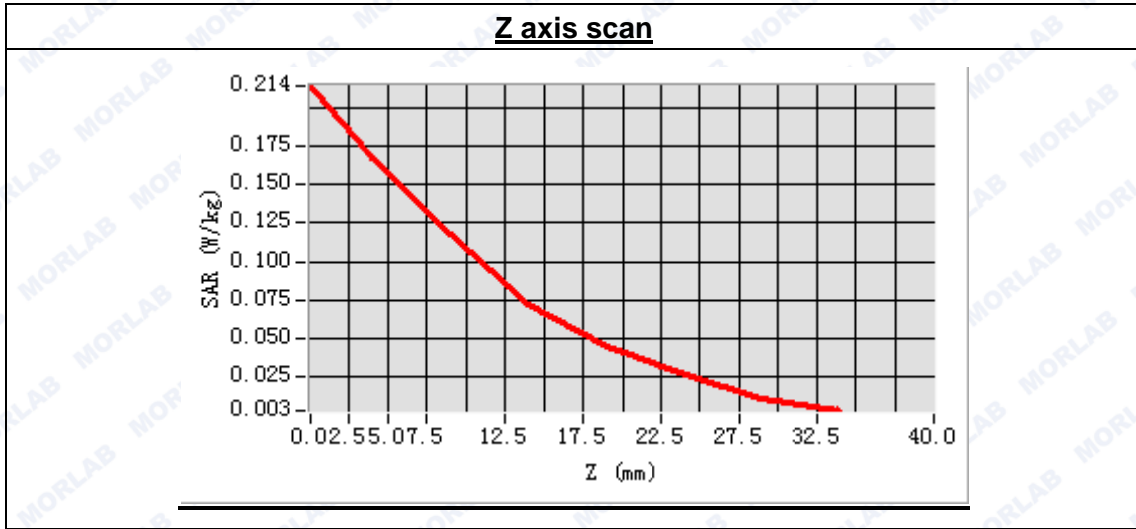




Maximum location: X=8.00, Y=-1.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.095569
SAR 1g (W/Kg)	0.191721



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



**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: 2014.10.21  
 Measurement duration: 9 minutes 18 seconds

**A. Experimental conditions.**

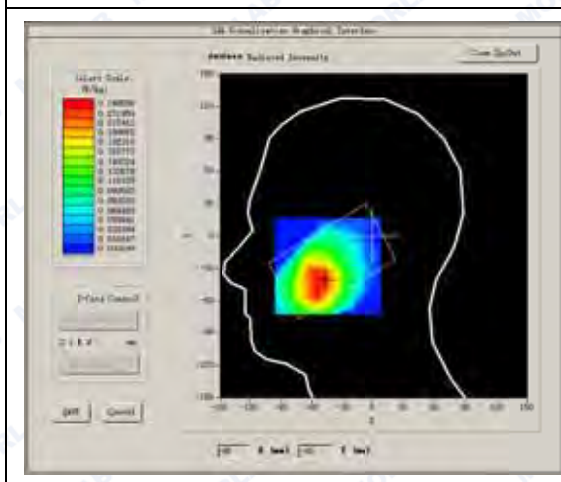
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

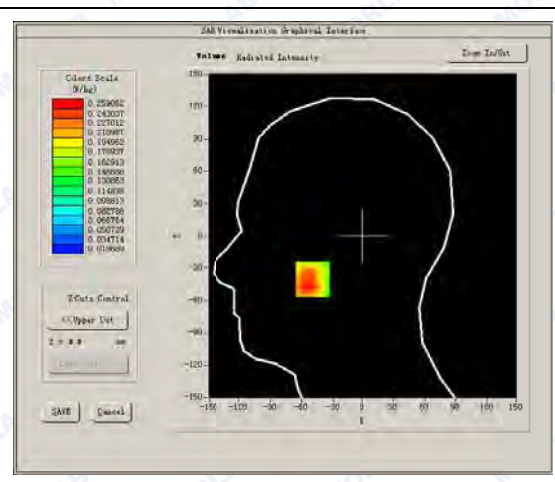
Middle Band SAR (Channel 4175):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	41.605877
<b>Conductivity (S/m)</b>	0.883495
<b>Power drift (%)</b>	-2.500000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

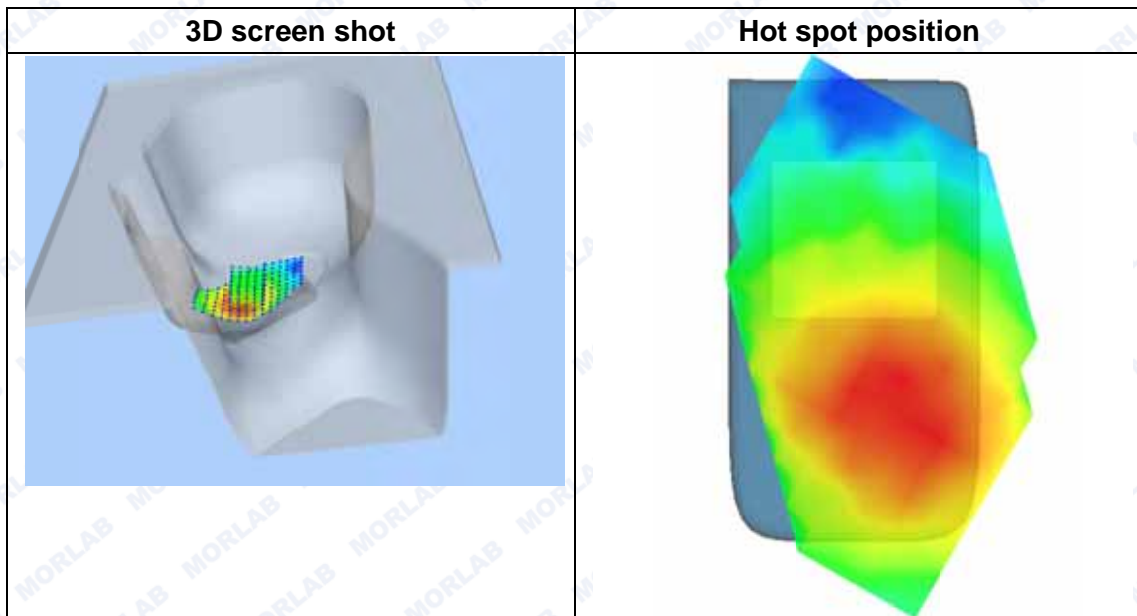
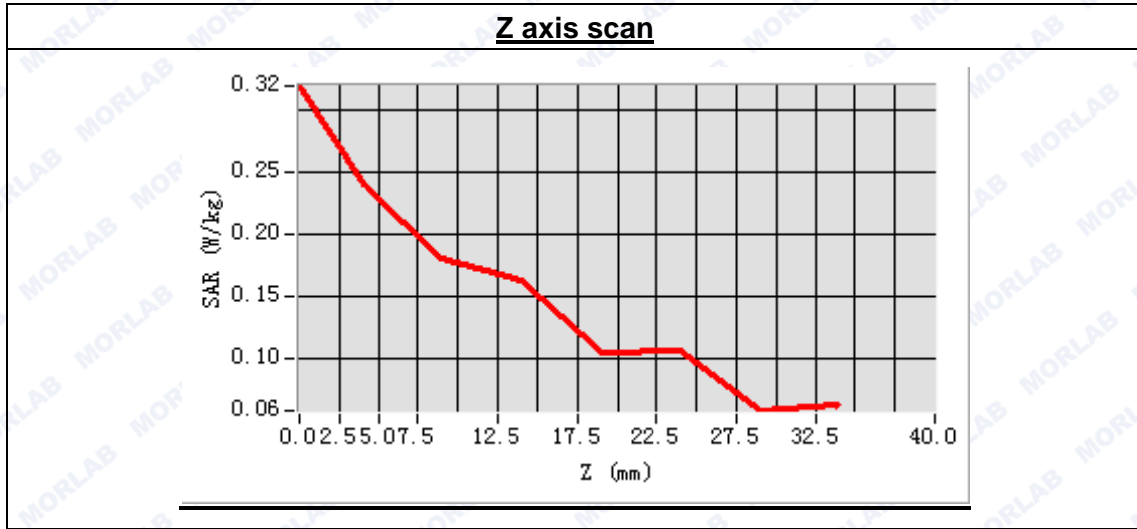




Maximum location: X=-49.00, Y=-40.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.178066
SAR 1g (W/Kg)	0.252307



**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: 2014.10.21  
 Measurement duration: 8 minutes 14 seconds

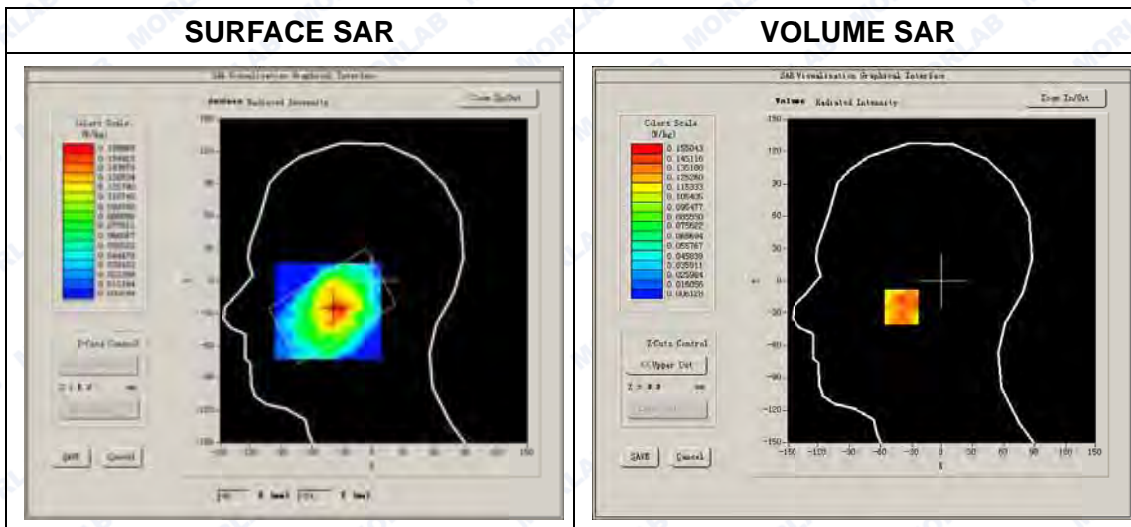
**A. Experimental conditions.**

<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 4175):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	41.605877
<b>Conductivity (S/m)</b>	0.883495
<b>Power drift (%)</b>	-2.940000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.73
<b>Crest factor:</b>	1:1

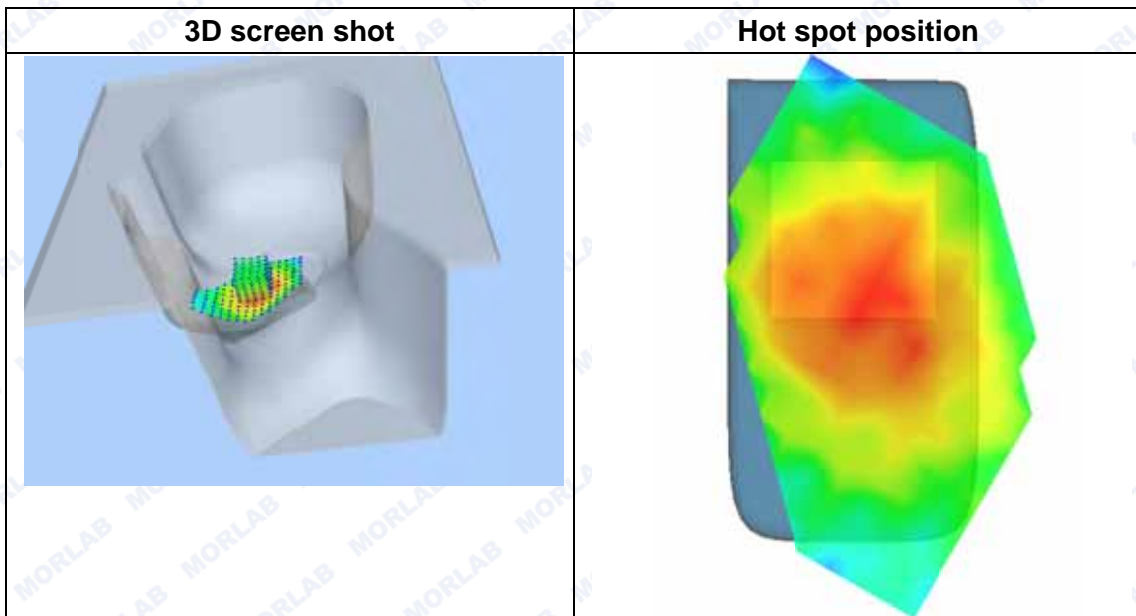
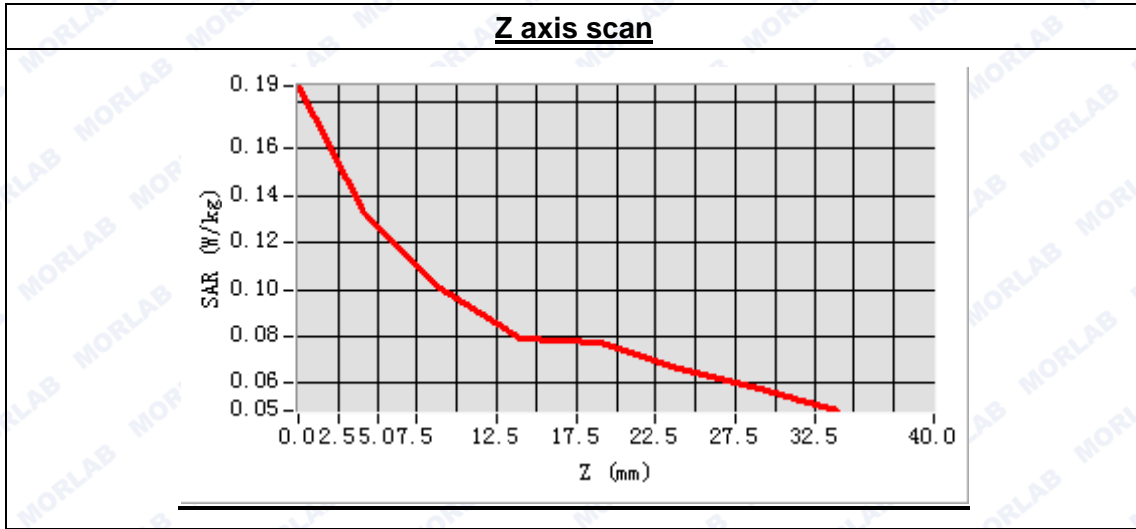




Maximum location: X=-39.00, Y=-24.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.104297
SAR 1g (W/Kg)	0.149041







**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: 2014.10.21  
 Measurement duration: 8 minutes 57 seconds

**A. Experimental conditions.**

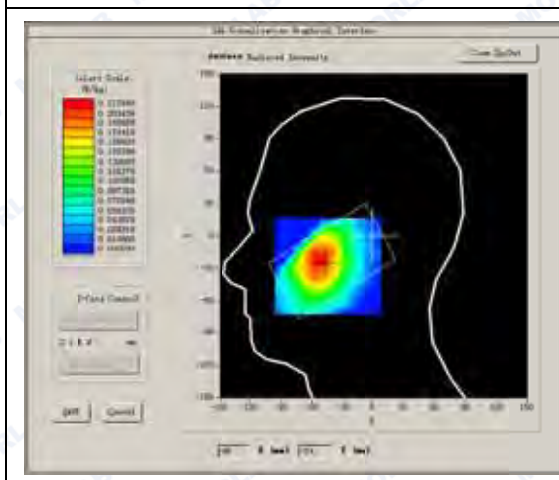
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

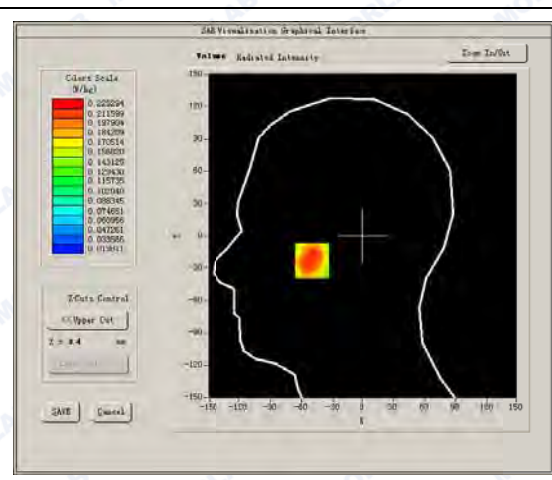
Middle Band SAR (Channel 4175):

Frequency (MHz)	836.000000
Relative permittivity (real part)	41.605877
Conductivity (S/m)	0.883495
Power drift (%)	1.250000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

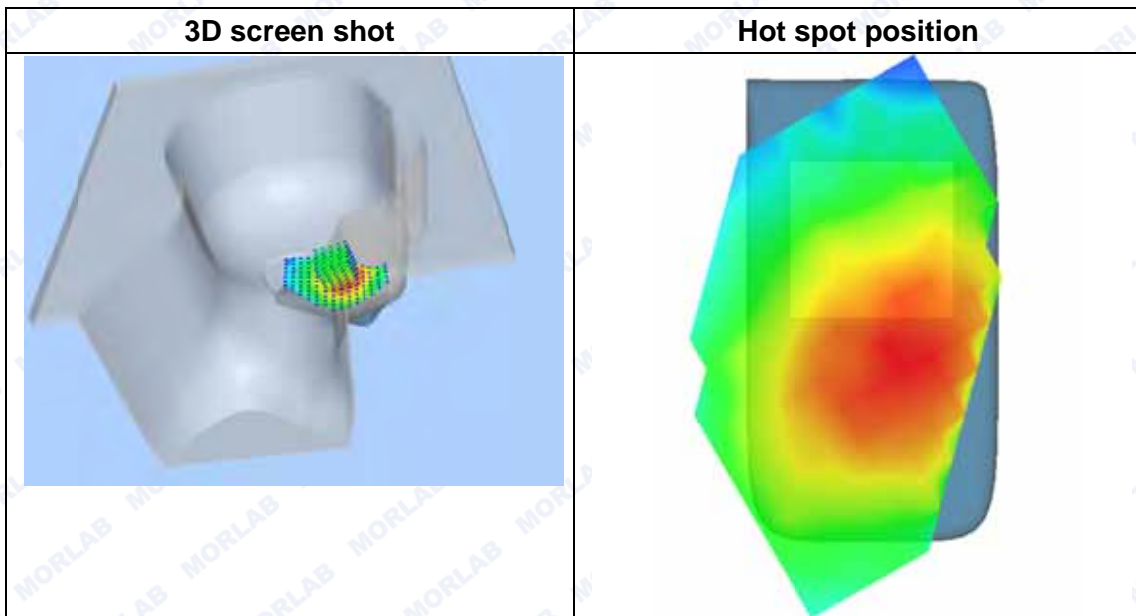
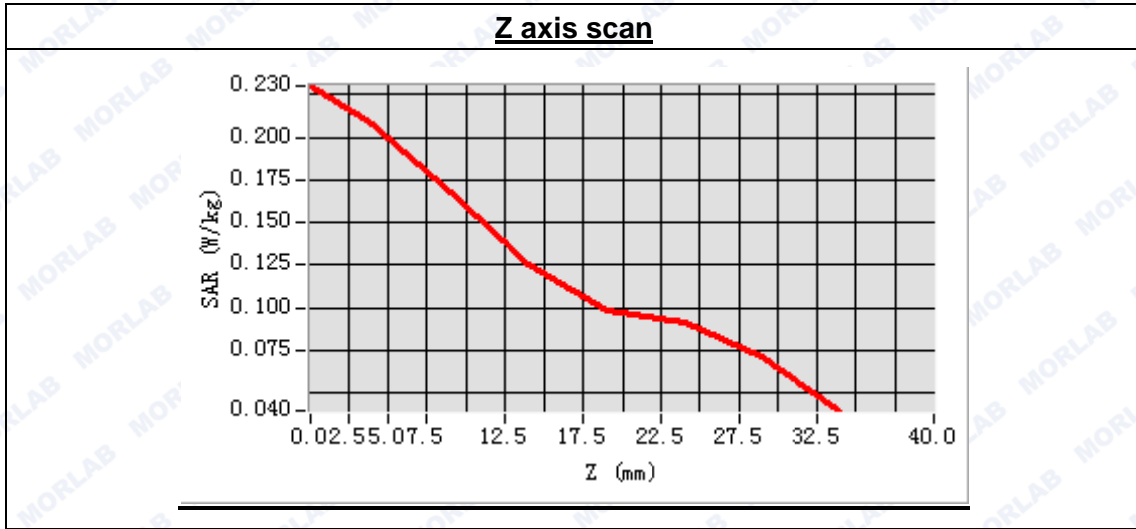




Maximum location: X=-50.00, Y=-23.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.150023
SAR 1g (W/Kg)	0.216911



**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: 2014.10.21  
 Measurement duration: 8 minutes 20 seconds

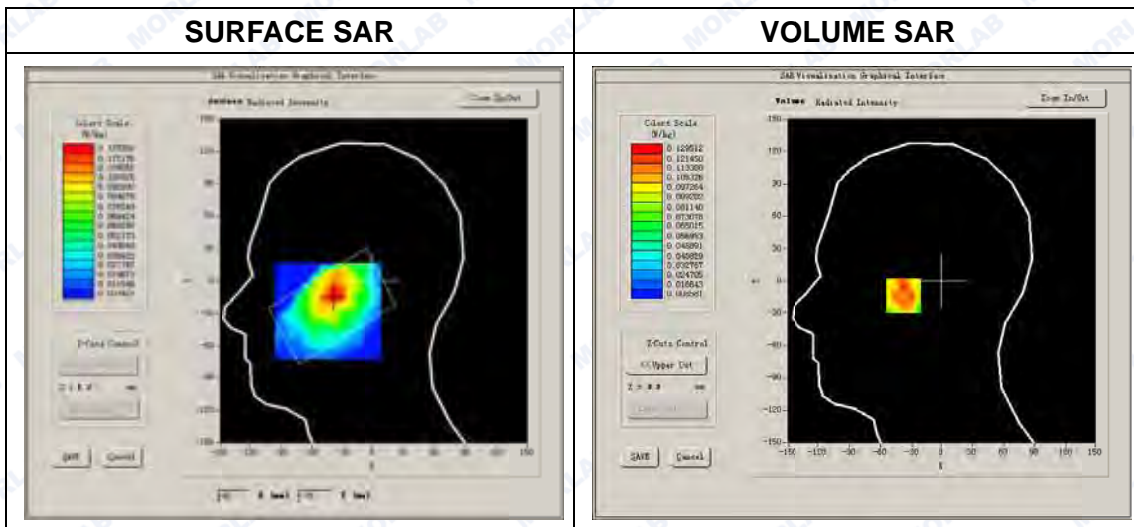
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 4175):

Frequency (MHz)	826.400000
Relative permittivity (real part)	41.605877
Conductivity (S/m)	0.883495
Power drift (%)	3.380000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:1

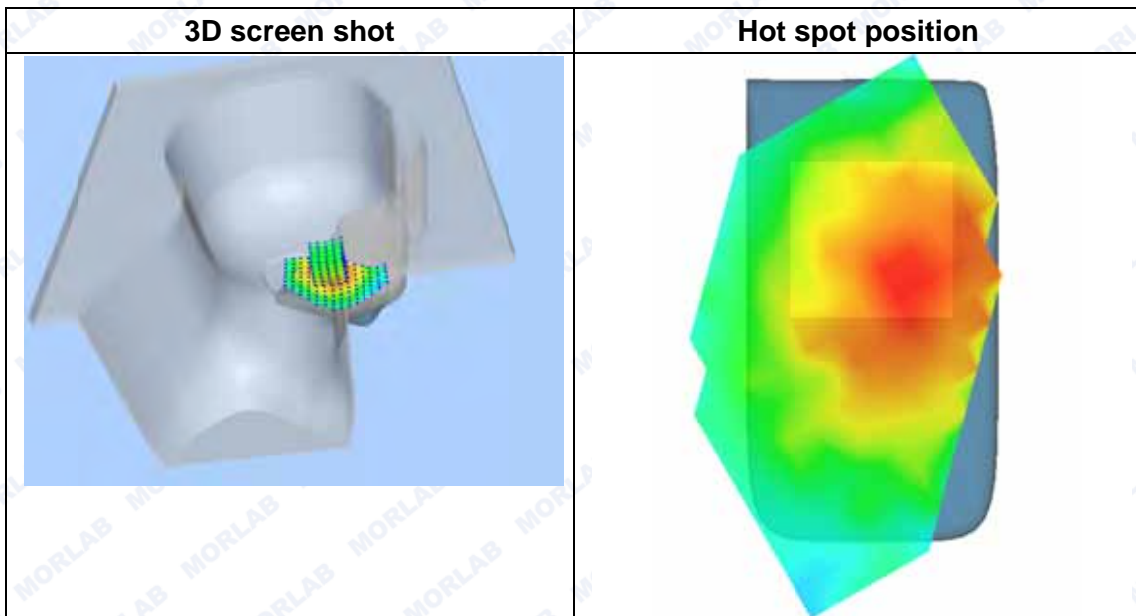
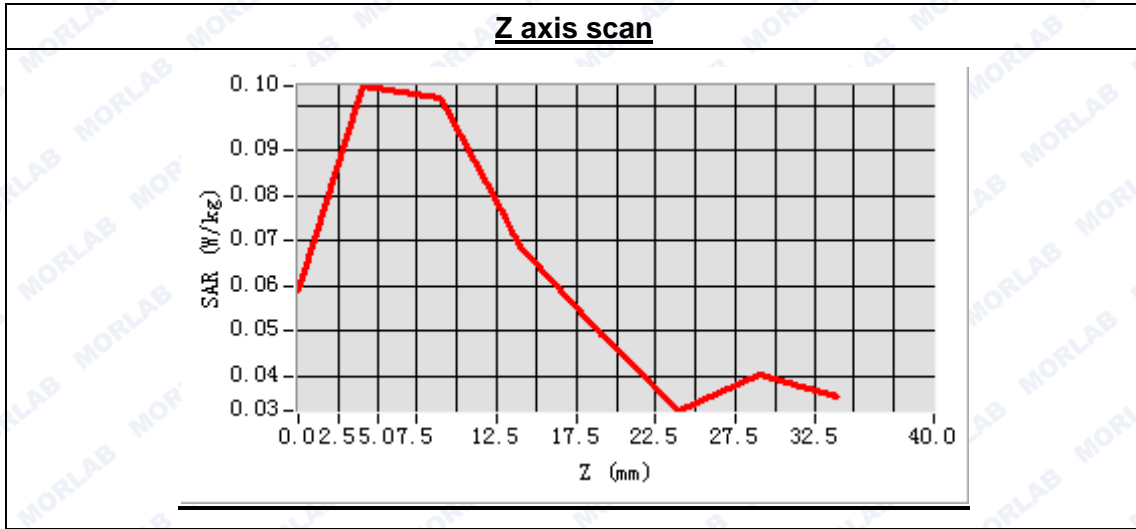




Maximum location: X=-38.00, Y=-13.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.081473
SAR 1g (W/Kg)	0.122849





**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: 2014.10.21  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

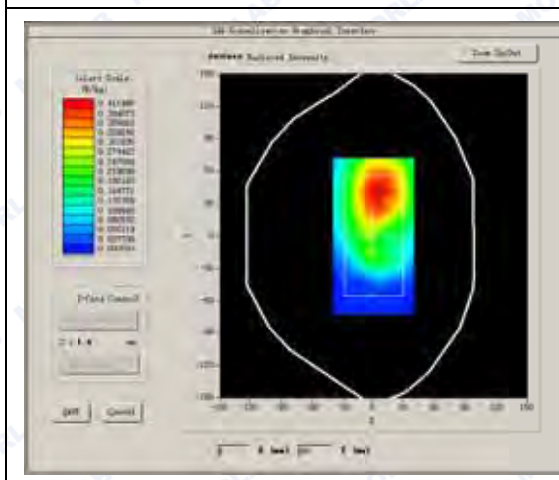
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WCDMA850
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

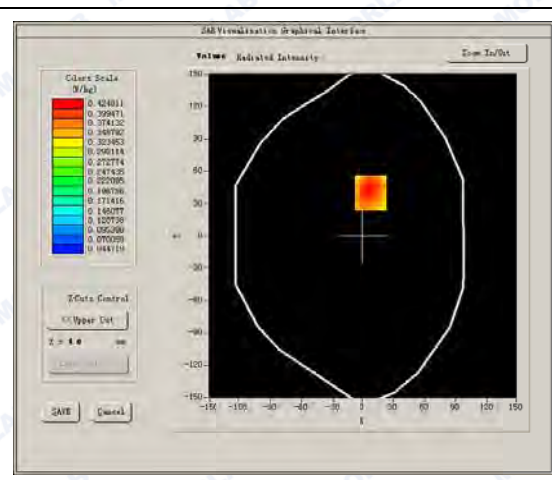
Middle Band SAR (Channel 4175):

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	55.830247
<b>Conductivity (S/m)</b>	0.955874
<b>Power drift (%)</b>	0.130000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

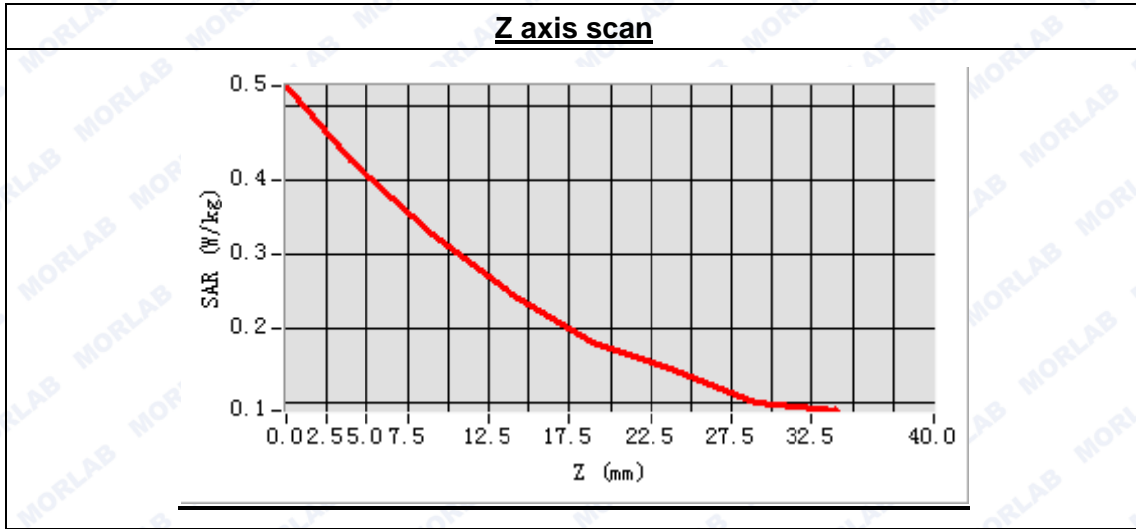


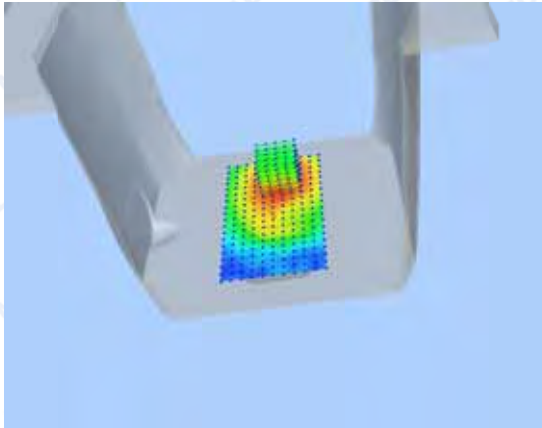
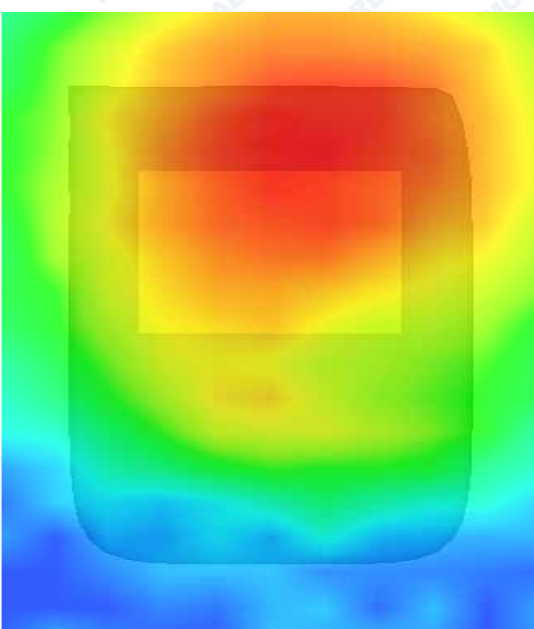


Maximum location: X=7.00, Y=40.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.315392
SAR 1g (W/Kg)	0.453295



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



**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: 2014.10.21  
 Measurement duration: 9 minutes 32 seconds

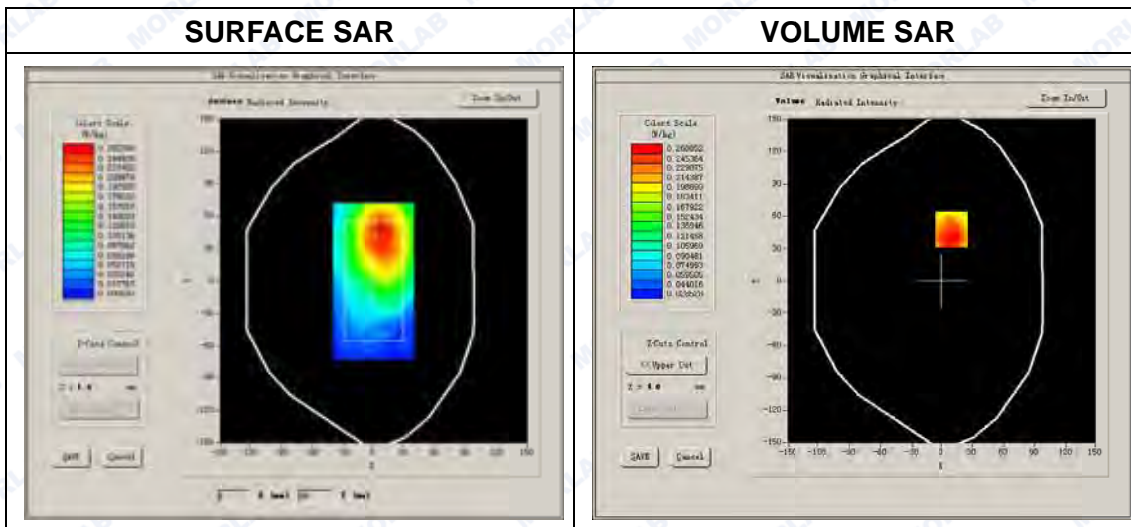
**A. Experimental conditions.**

<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 4175:

<b>Frequency (MHz)</b>	836.000000
<b>Relative permittivity (real part)</b>	55.830247
<b>Conductivity (S/m)</b>	0.955874
<b>Power drift (%)</b>	-3.040000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.99
<b>Crest factor:</b>	1:1

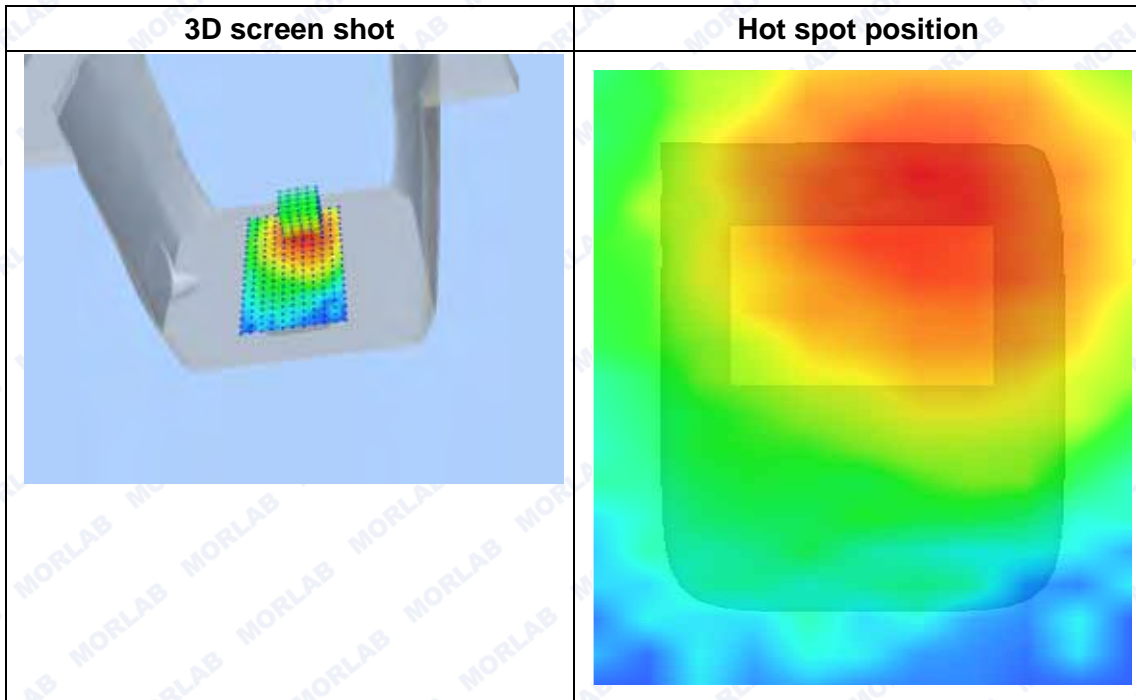
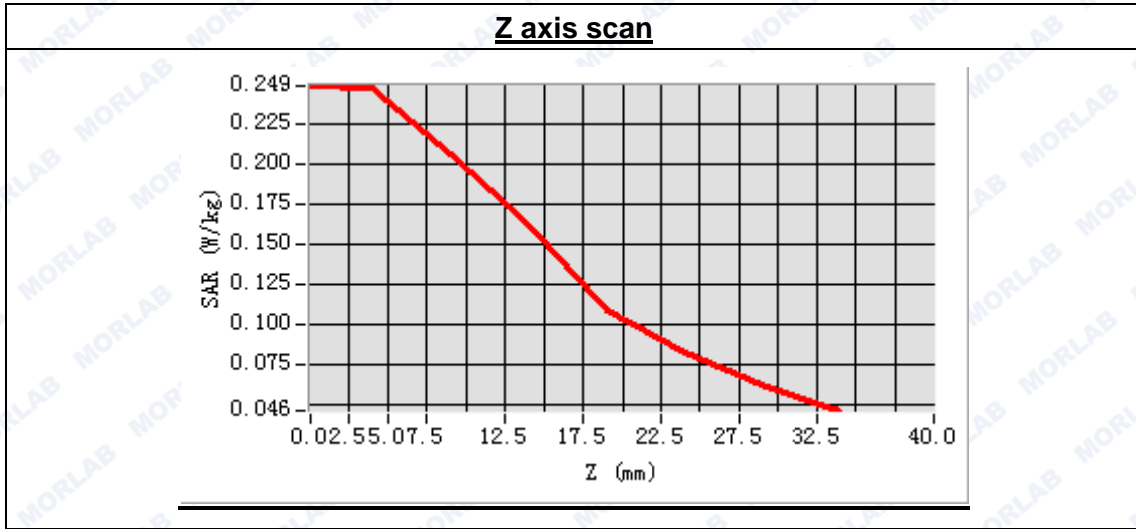




Maximum location: X=9.00, Y=48.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.194997
SAR 1g (W/Kg)	0.278330







**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: 2014.10.21

Measurement duration: 9 minutes 26 seconds

**A. Experimental conditions.**

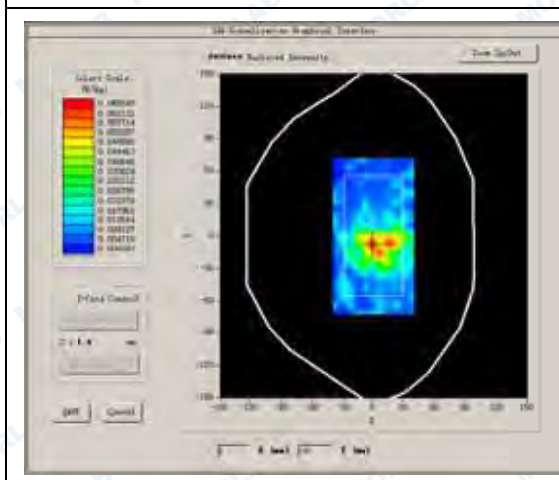
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

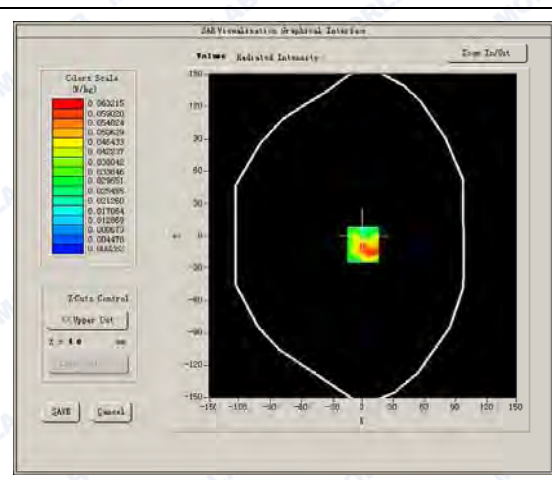
Middle Band SAR (Channel 4175):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift (%)	-1.810000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

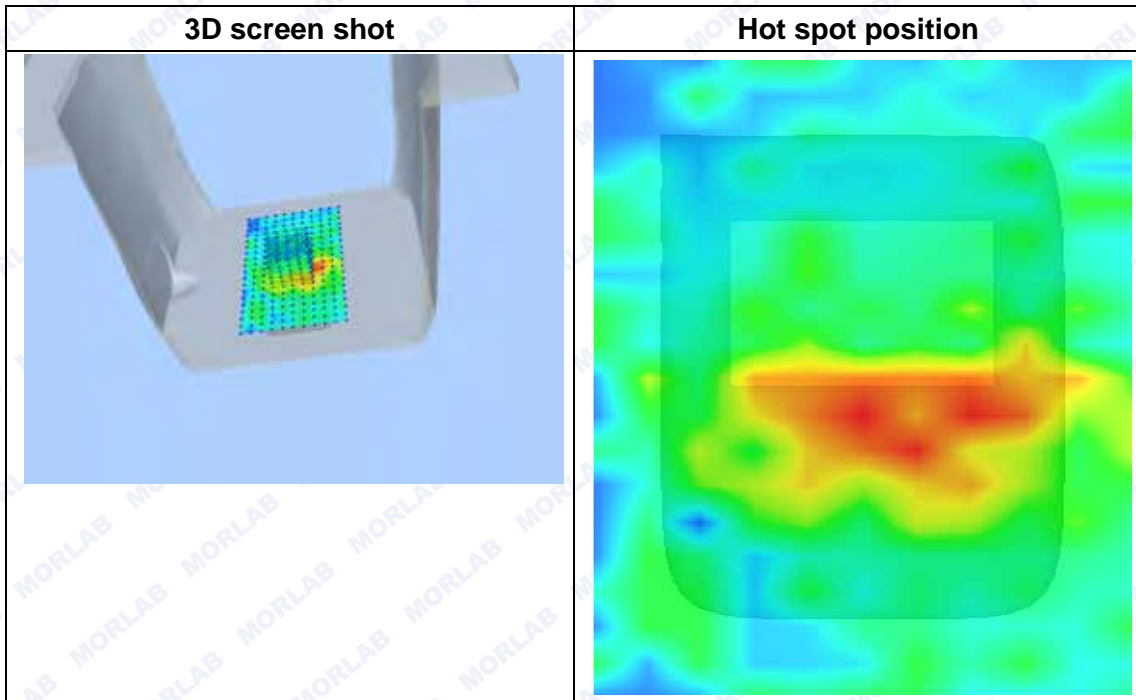
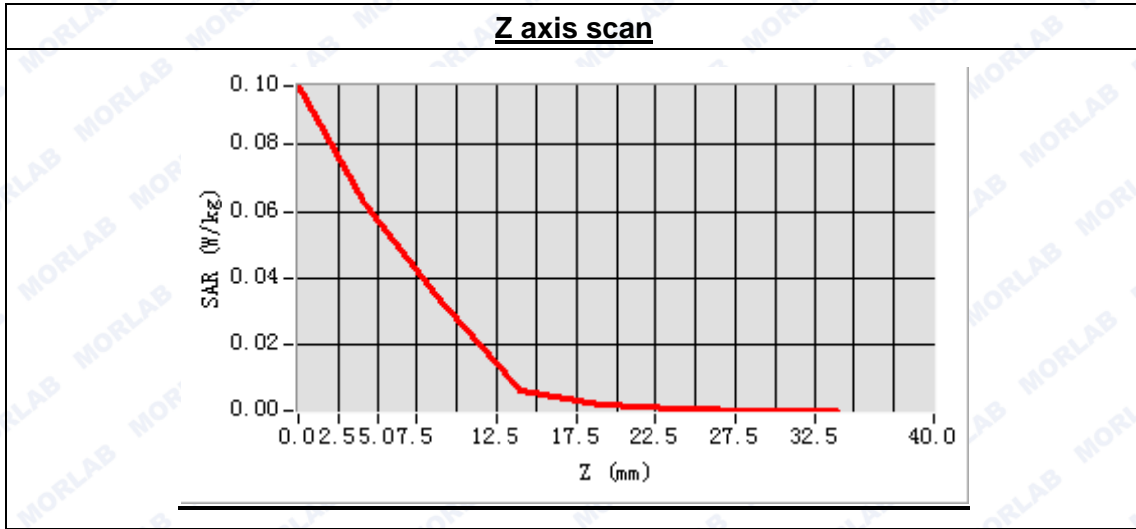




Maximum location: X=0.00, Y=-8.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.032806
SAR 1g (W/Kg)	0.060759





**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: 2014.10.21  
 Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

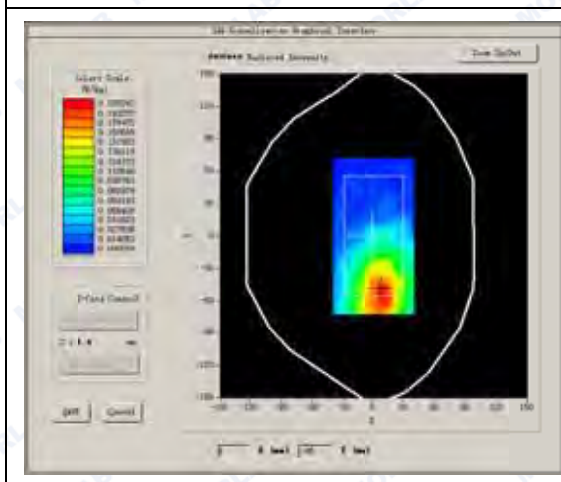
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

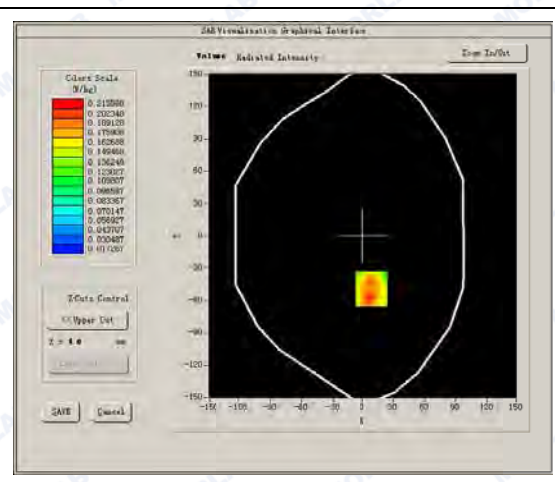
Middle Band SAR (Channel 4175):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift (%)	-2.830000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

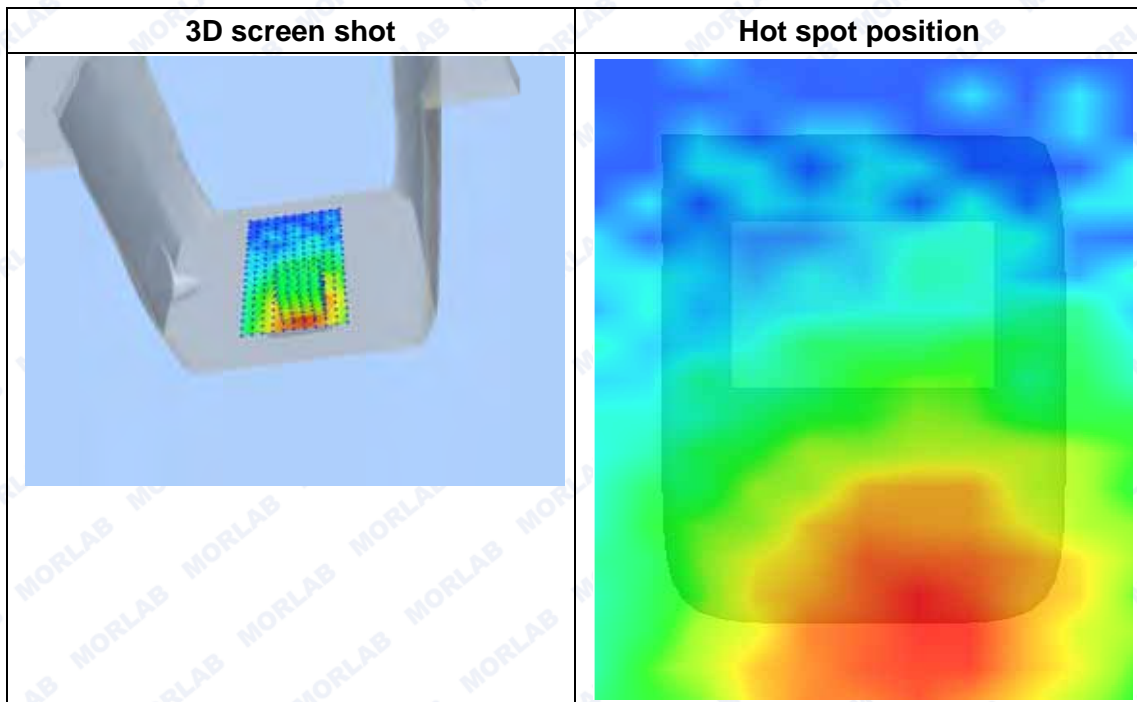
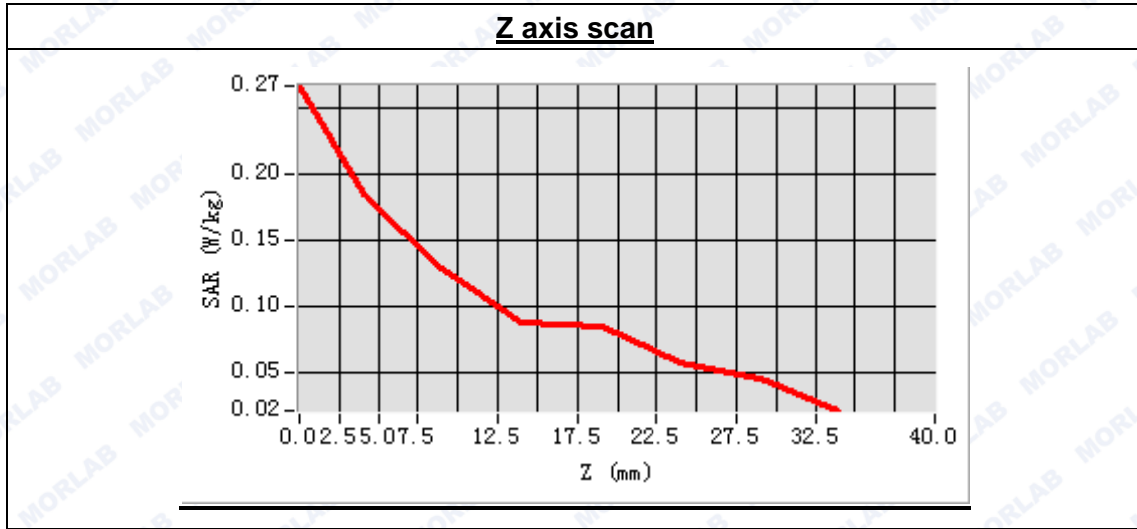




Maximum location: X=8.00, Y=-49.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.139709
SAR 1g (W/Kg)	0.220067





**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: 2014.10.21  
 Measurement duration: 9 minutes 30 seconds

**A. Experimental conditions.**

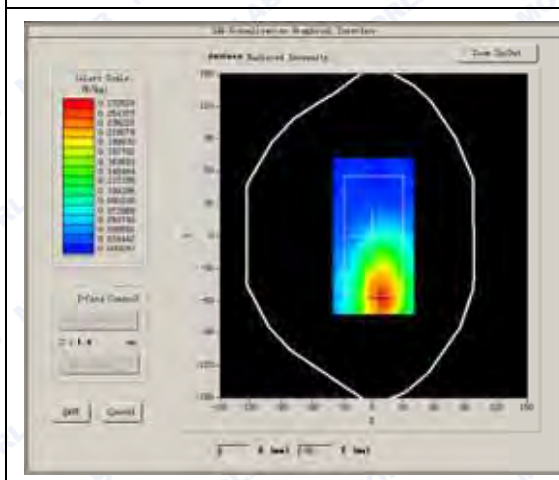
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

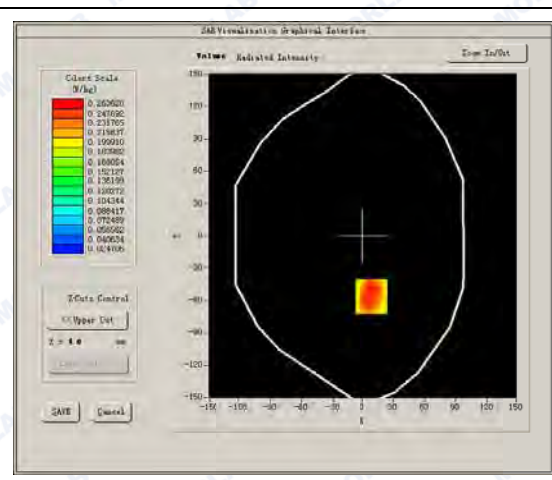
Middle Band SAR (Channel 4175):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.830247
Conductivity (S/m)	0.955874
Power drift (%)	-0.040000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

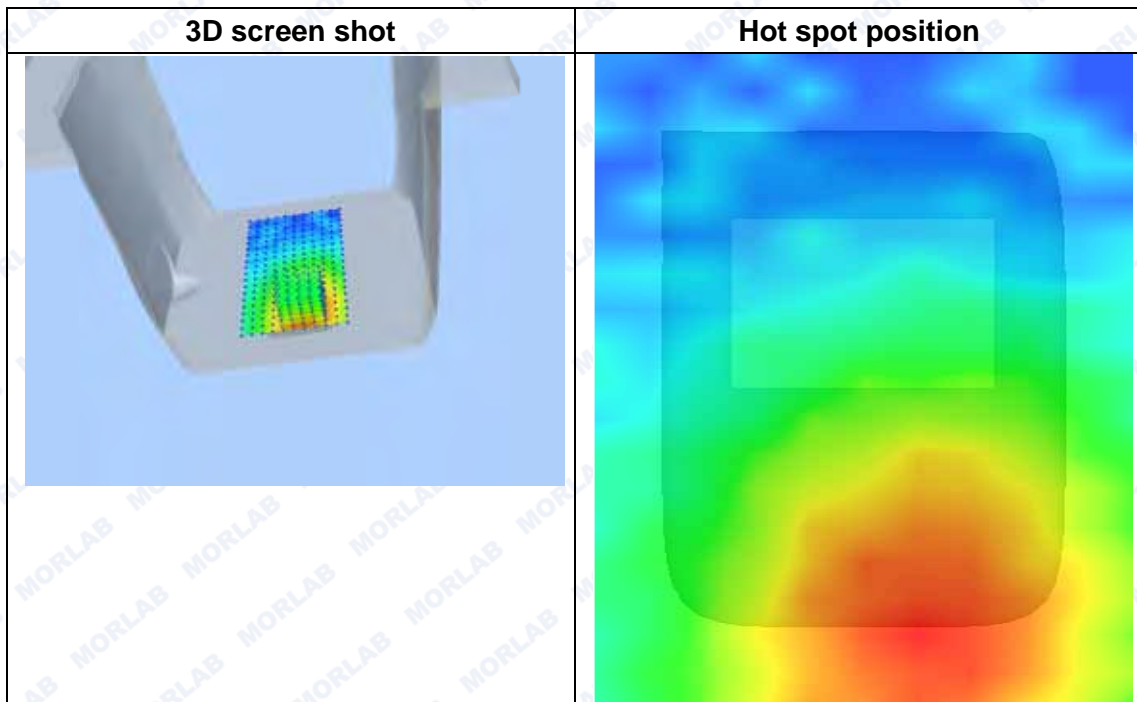
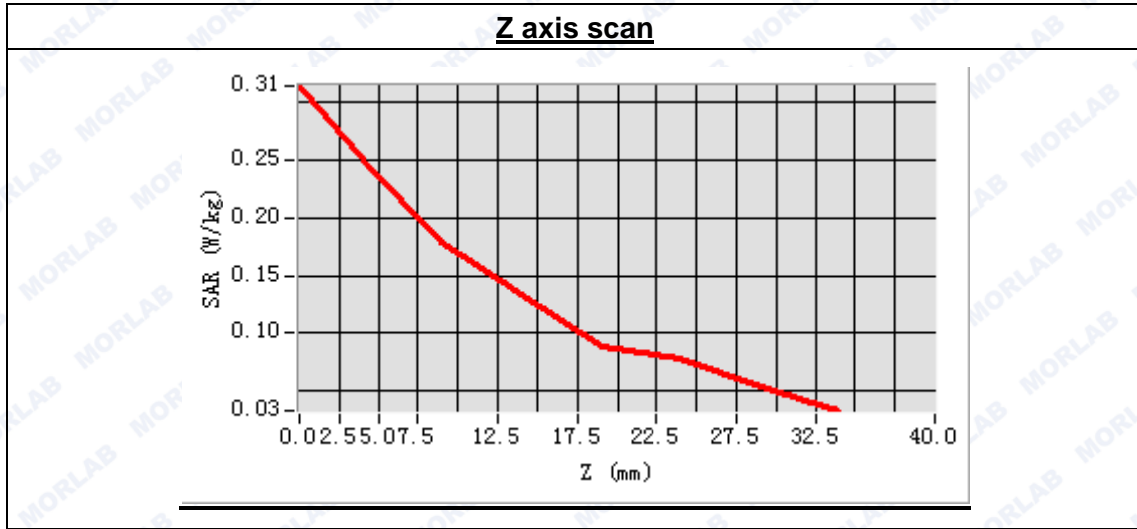




Maximum location: X=8.00, Y=-56.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.178311
SAR 1g (W/Kg)	0.268785



**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: 2014.10.22

Measurement duration: 9 minutes 6 seconds

**A. Experimental conditions.**

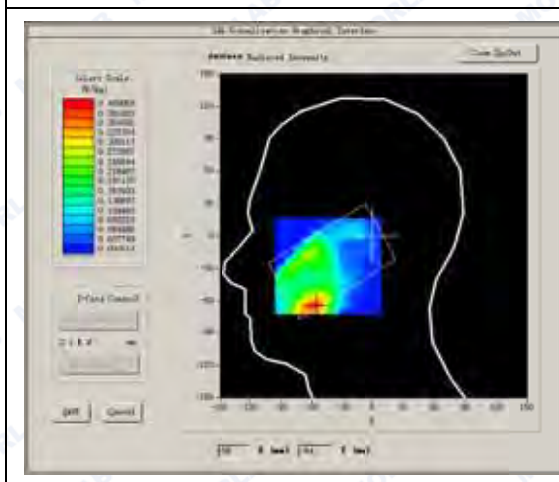
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

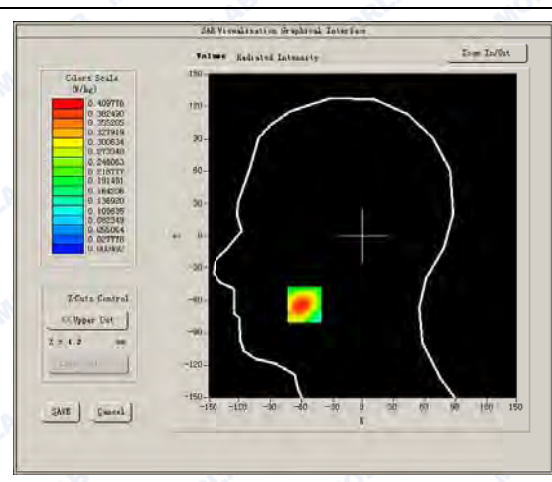
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.958437
<b>Conductivity (S/m)</b>	1.428857
<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**

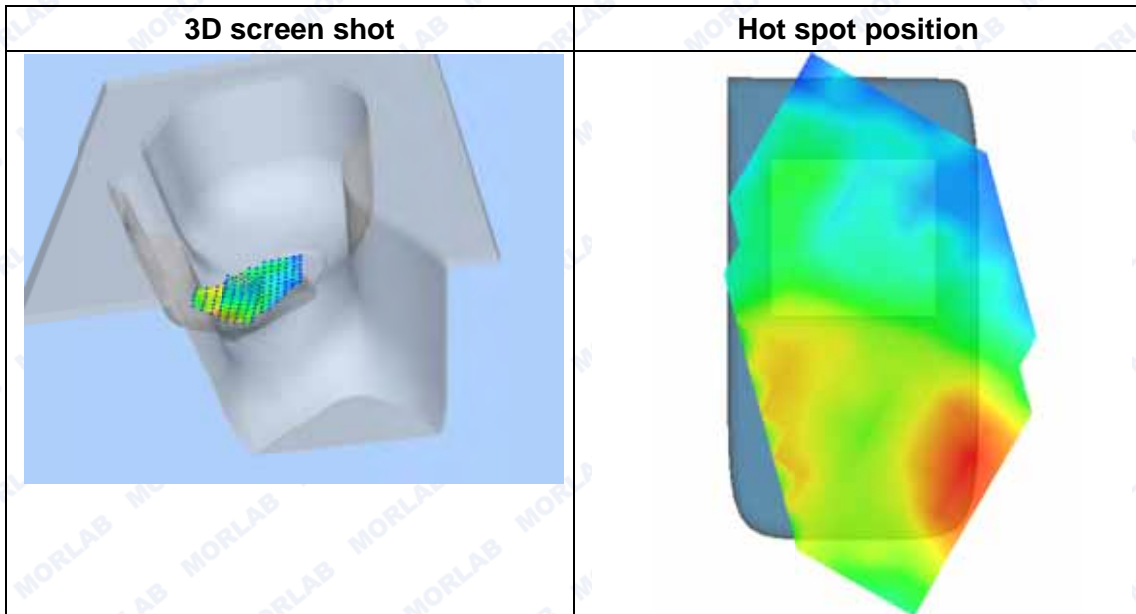
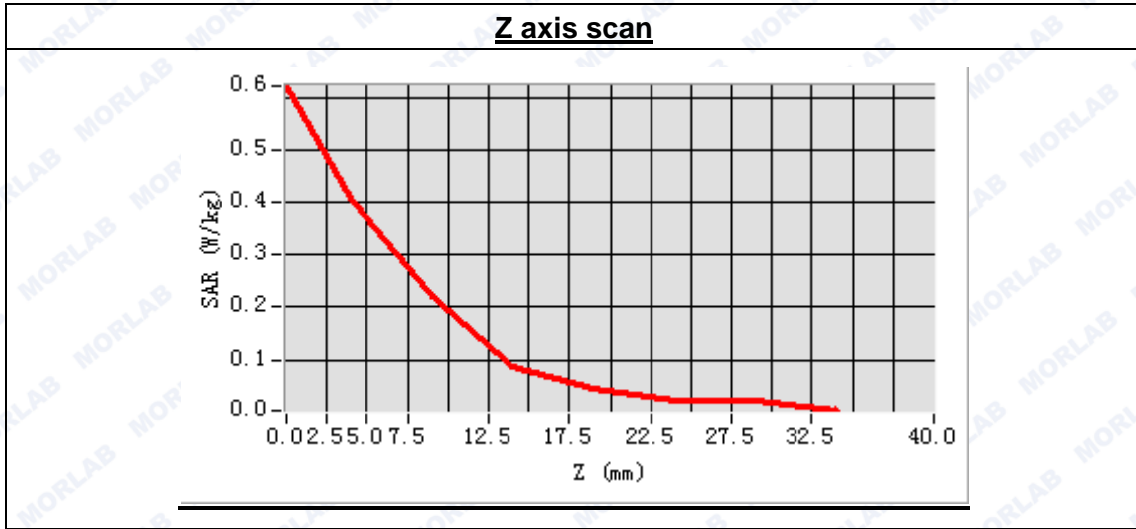




Maximum location: X=-57.00, Y=-64.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.197326
SAR 1g (W/Kg)	0.394249





**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: 2014.10.22  
 Measurement duration: 7 minutes 54 seconds

**A. Experimental conditions.**

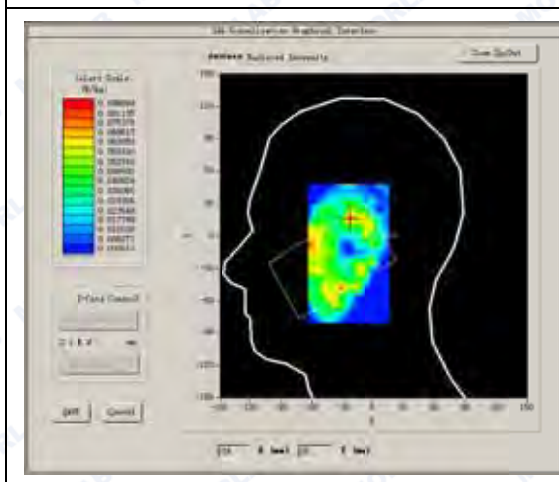
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Tilt
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

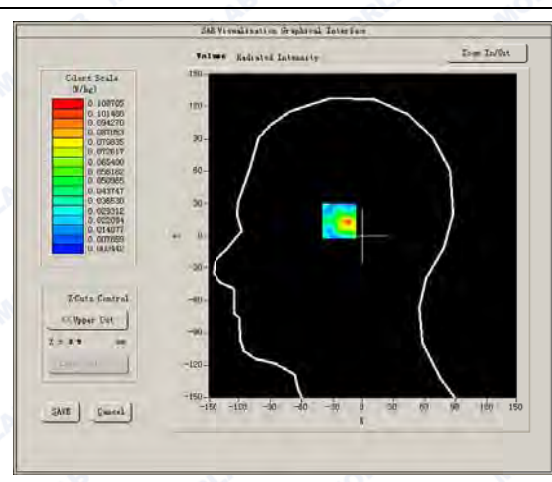
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.958437
Conductivity (S/m)	1.428857
Power drift (%)	-2.710000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:1

**SURFACE SAR**



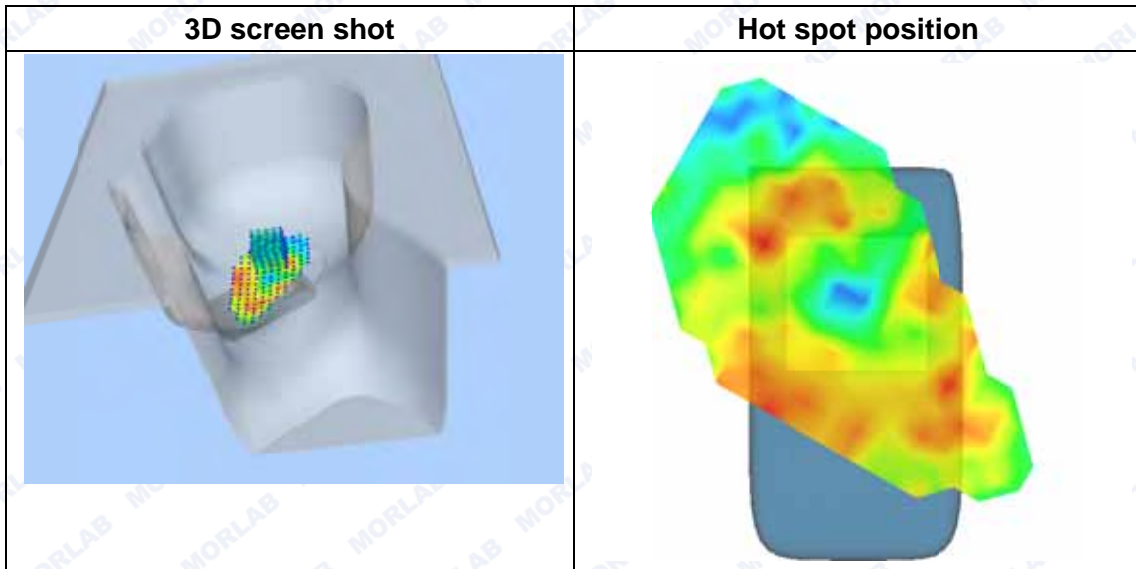
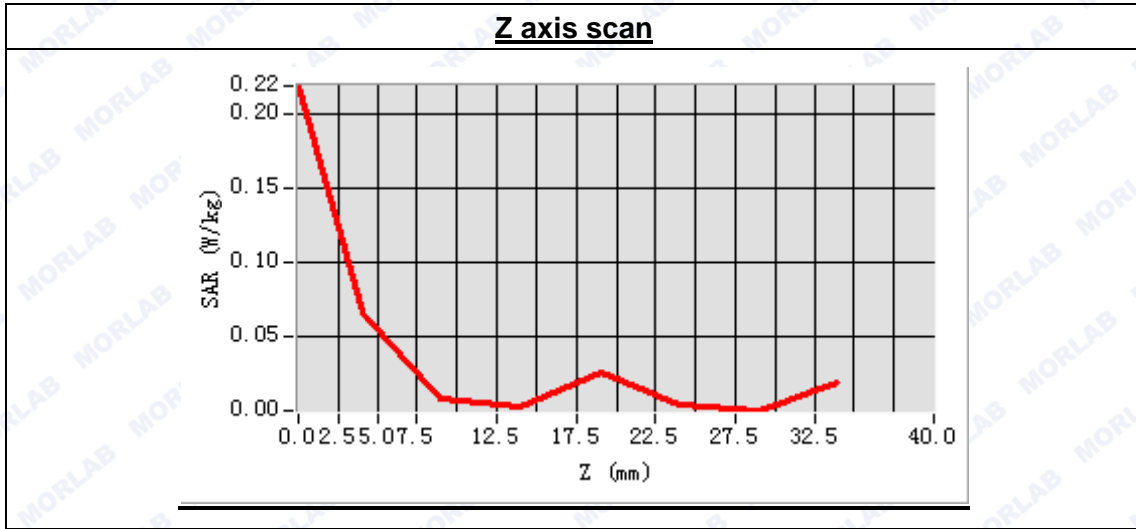
**VOLUME SAR**





Maximum location: X=-23.00, Y=17.00  
SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.036292
SAR 1g (W/Kg)	0.095394





**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: 2014.10.22  
 Measurement duration: 9 minutes 37 seconds

**A. Experimental conditions.**

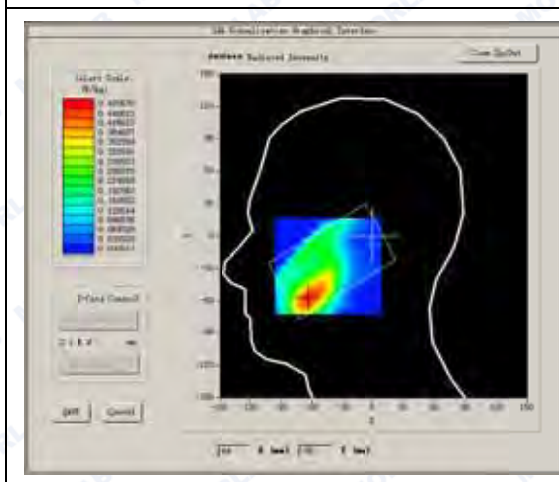
Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

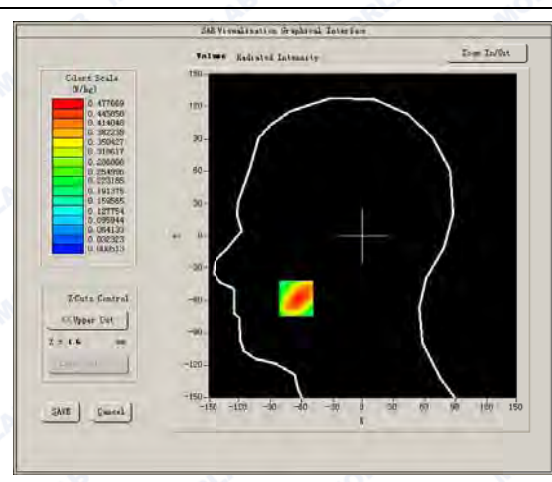
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.958437
Conductivity (S/m)	1.428857
Power drift (%)	1.240000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

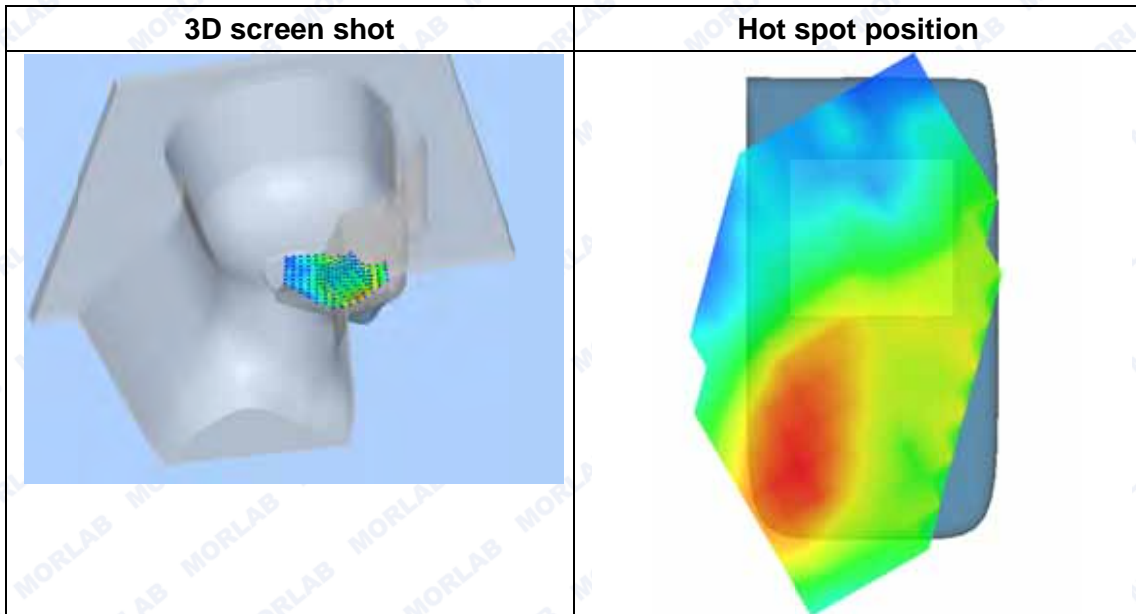
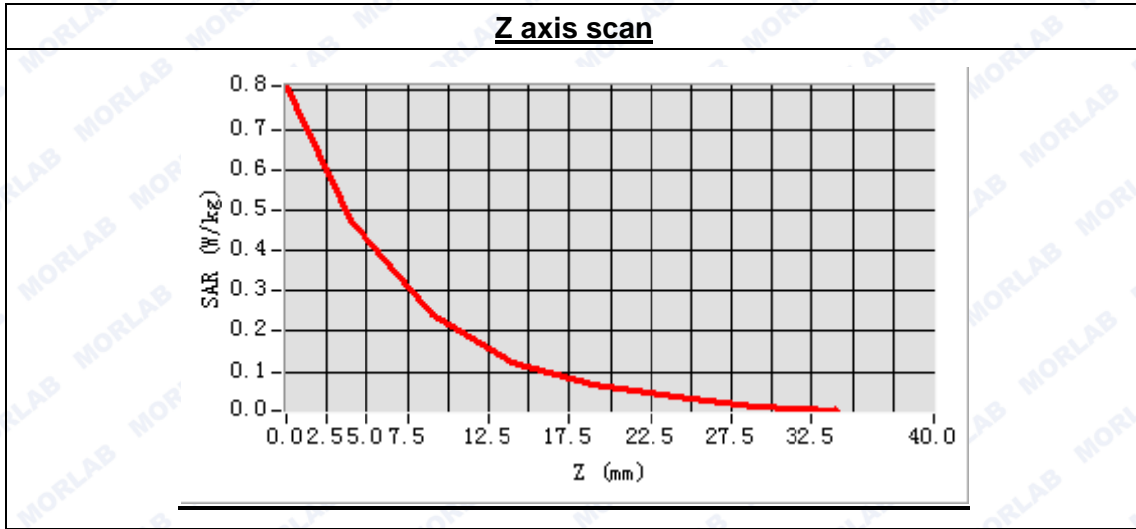




Maximum location: X=-65.00, Y=-58.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.239498
SAR 1g (W/Kg)	0.469399





**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: 2014.10.22  
 Measurement duration: 7 minutes 51 seconds

**A. Experimental conditions.**

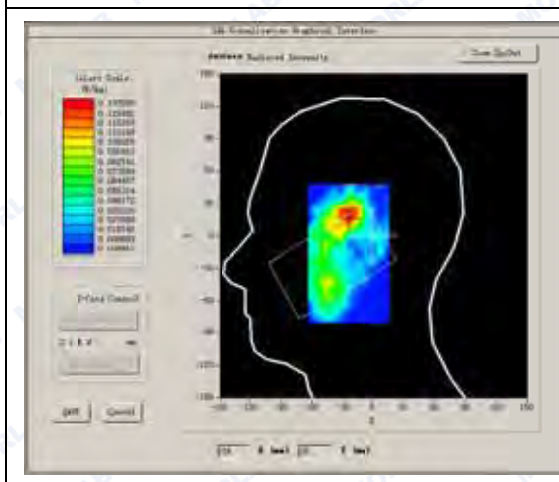
<b>Phantom File</b>	sam_direct_droit2_surf8mm.txt
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	WCDMA1900
<b>Channels</b>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

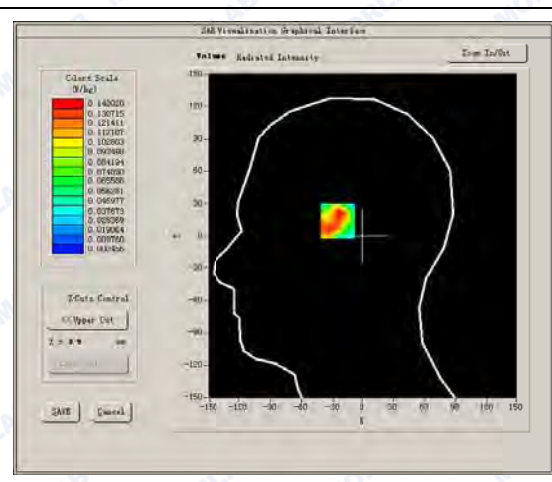
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.958437
<b>Conductivity (S/m)</b>	1.428857
<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**

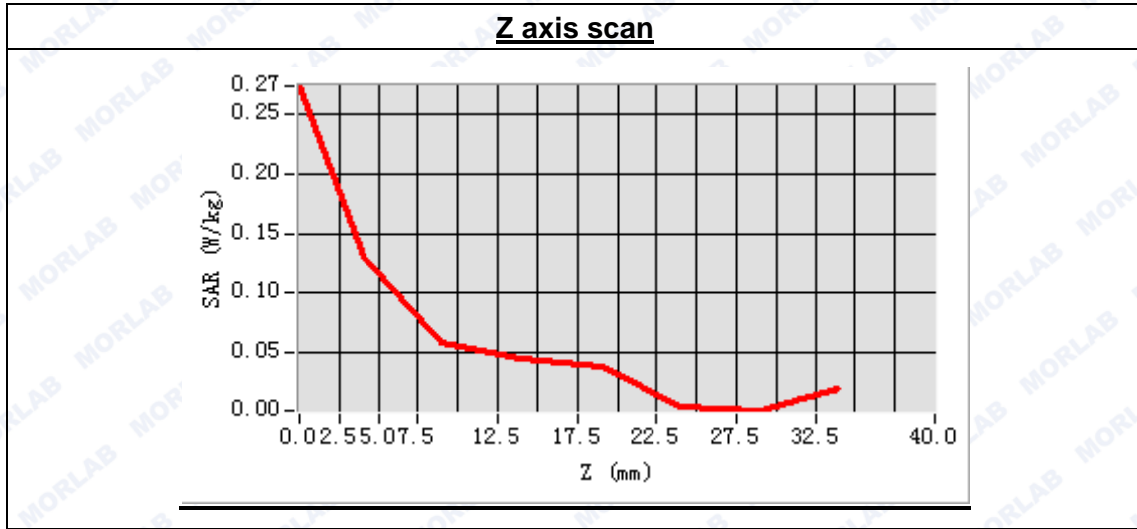




Maximum location: X=-24.00, Y=17.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.056880
SAR 1g (W/Kg)	0.133426



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



**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: 2014.10.22  
 Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

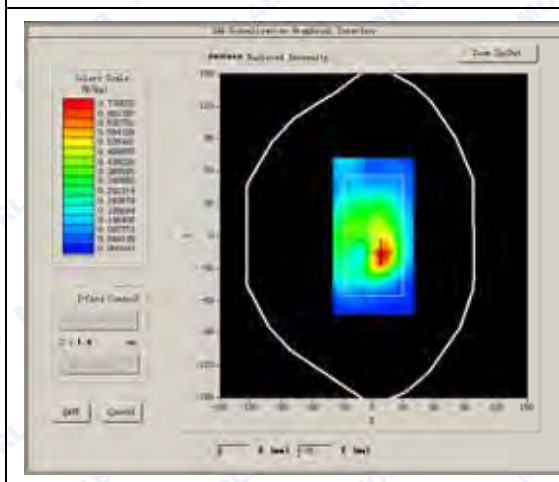
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

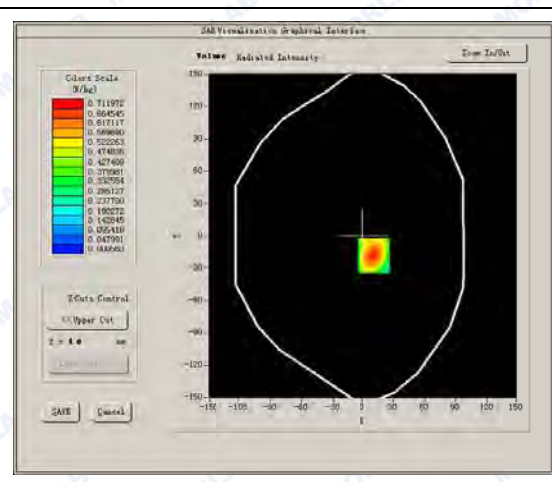
Low Band SAR (Channel 9262):

Frequency (MHz)	1852.400000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift (%)	1.400000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

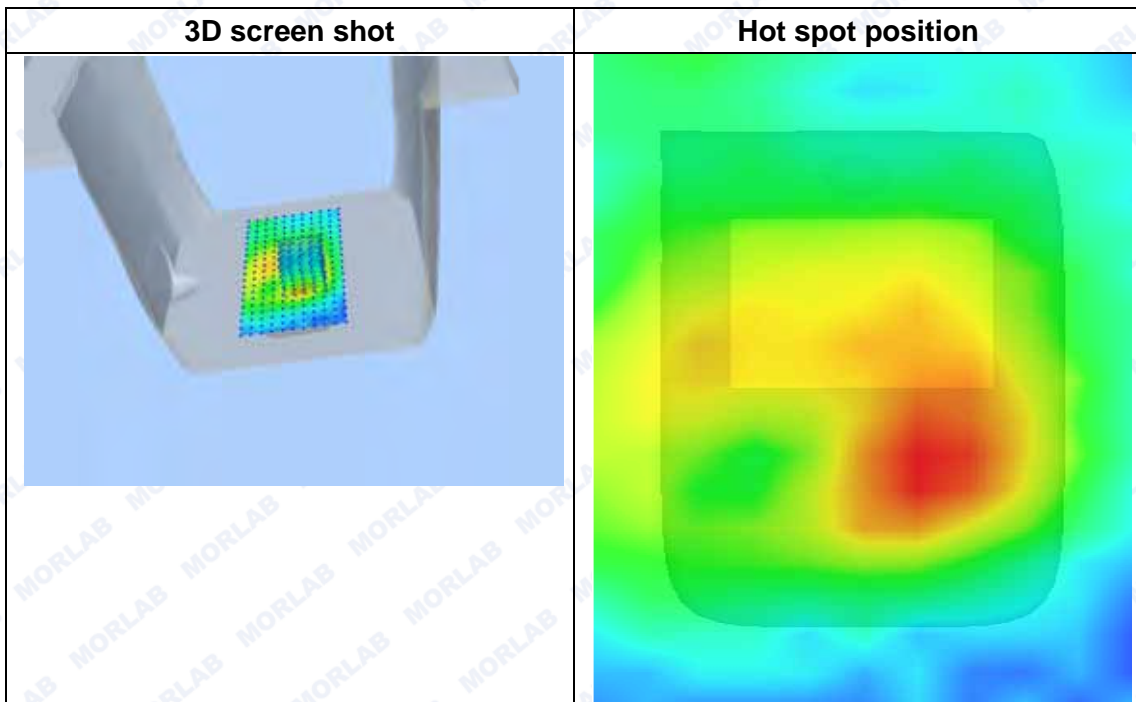
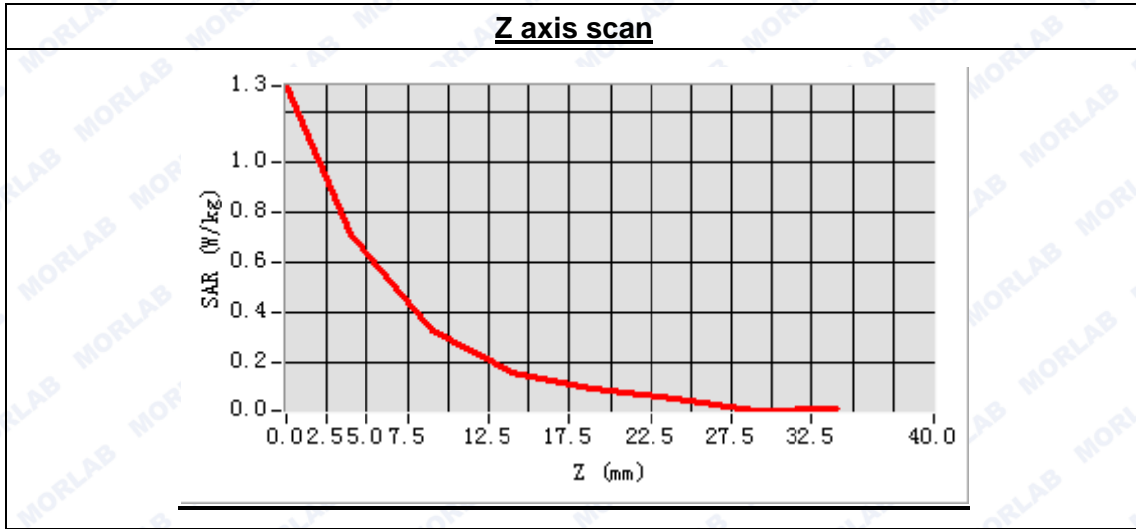




Maximum location: X=10.00, Y=-18.00

SAR Peak: 1.40 W/kg

SAR 10g (W/Kg)	0.366986
SAR 1g (W/Kg)	0.746703







**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: 2014.10.22  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

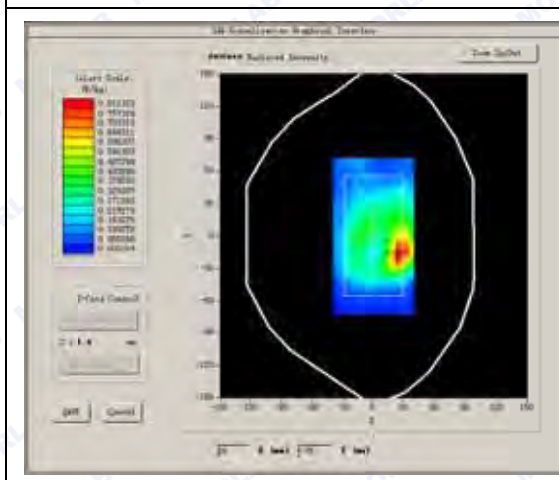
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

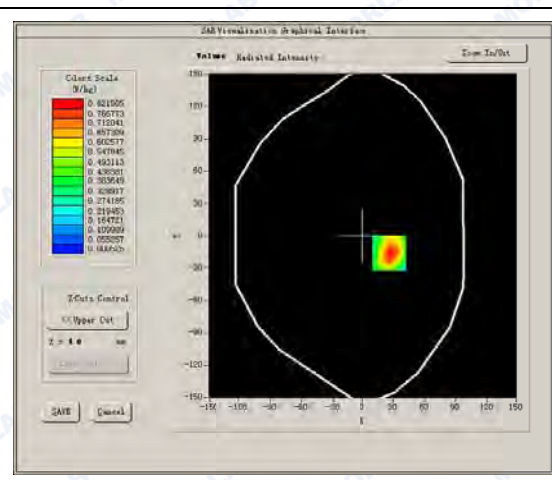
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift (%)	-2.140000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

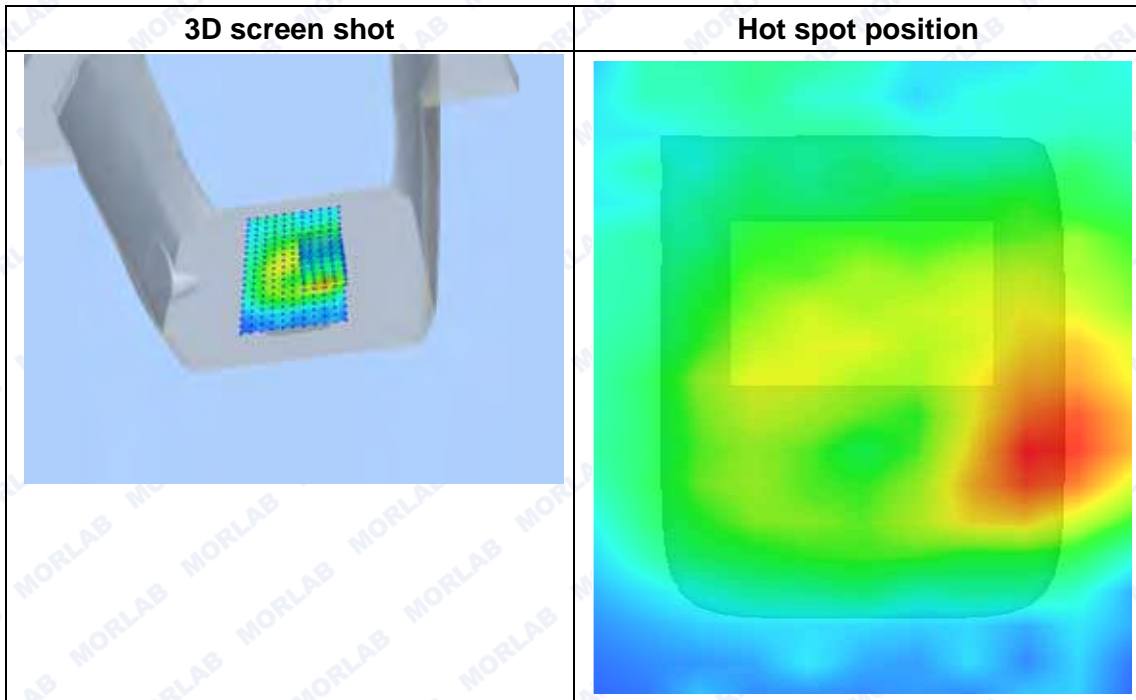
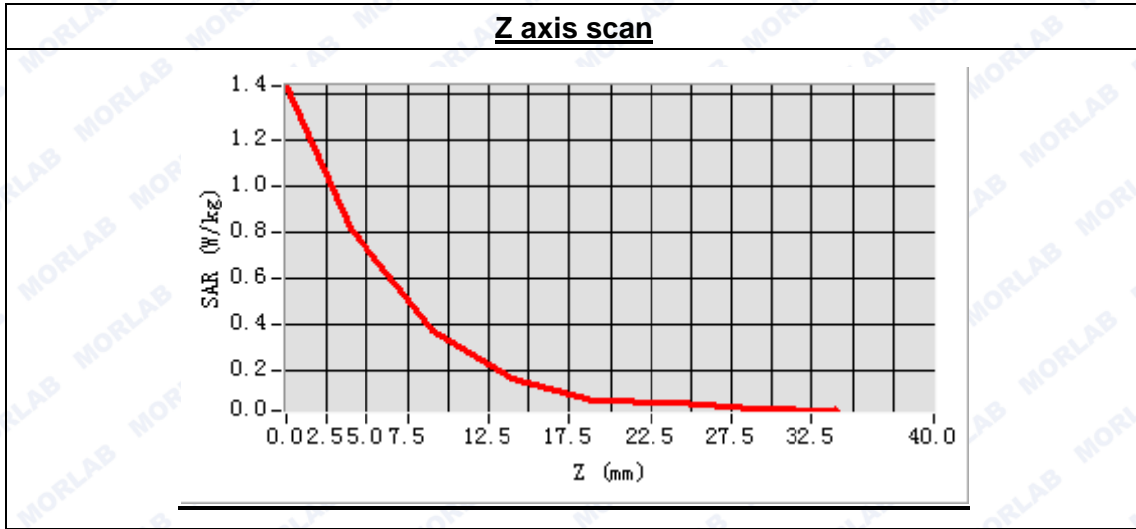




Maximum location: X=26.00, Y=-16.00

SAR Peak: 1.61 W/kg

SAR 10g (W/Kg)	0.403779
SAR 1g (W/Kg)	0.863088





**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: 2014.10.22  
 Measurement duration: 9 minutes 30 seconds

**A. Experimental conditions.**

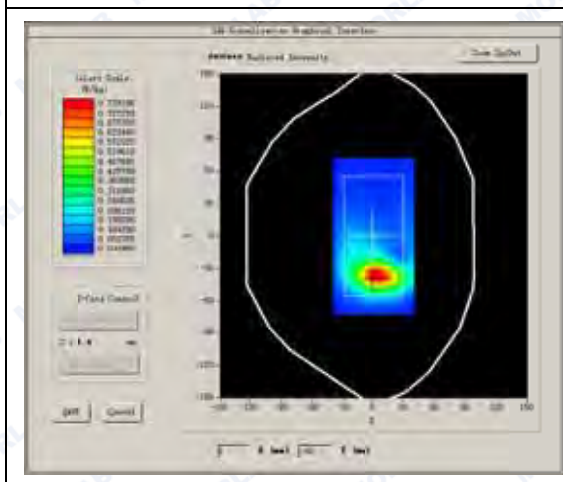
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	CDMA

**B. SAR Measurement Results**

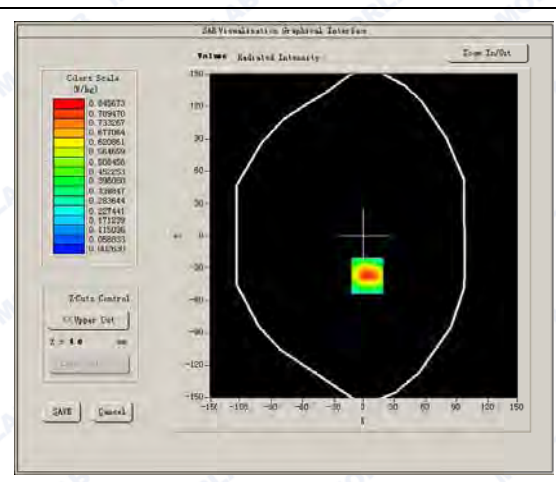
High Band SAR (Channel 9538):

Frequency (MHz)	1907.600000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift (%)	1.820000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

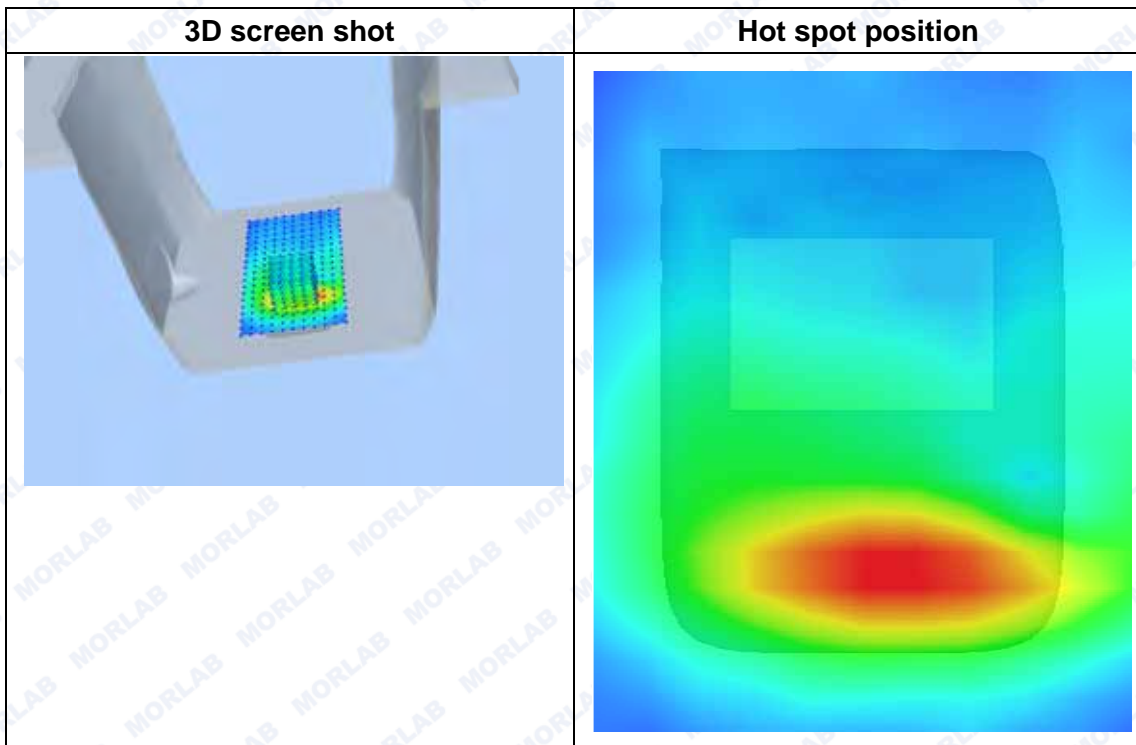
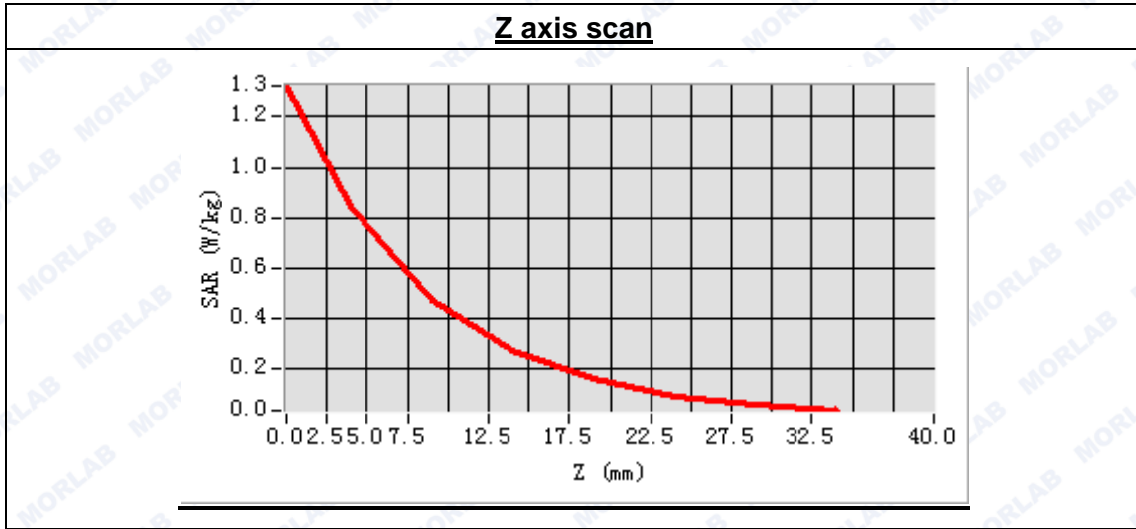




Maximum location: X=3.00, Y=-37.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.449472
SAR 1g (W/Kg)	0.862949





**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: 2014.10.22  
 Measurement duration: 9 minutes 31 seconds

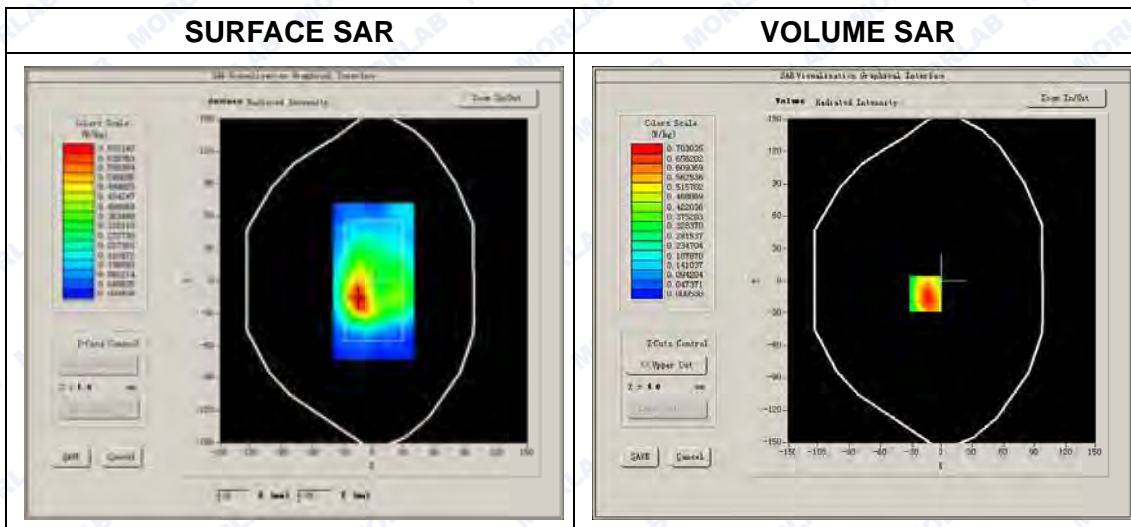
**A. Experimental conditions.**

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)	53.208584
Conductivity (S/m)	1.539548
Power drift (%)	-2.140000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

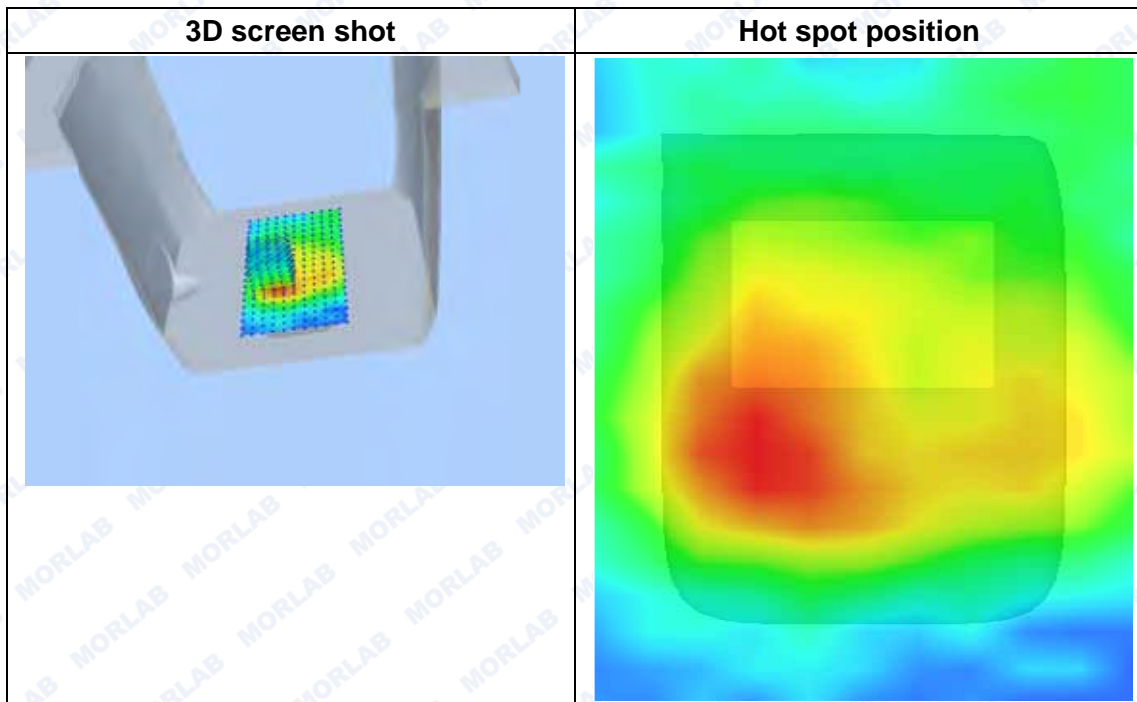
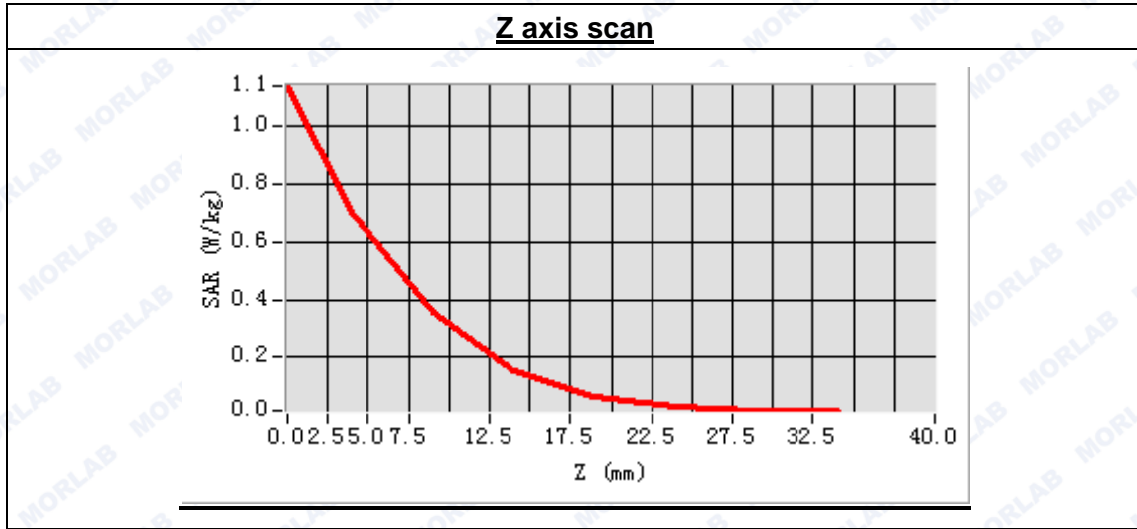




Maximum location: X=-16.00, Y=-12.00

SAR Peak: 1.31 W/kg

SAR 10g (W/Kg)	0.360930
SAR 1g (W/Kg)	0.724096





**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: 2014.10.22  
 Measurement duration: 9 minutes 28 seconds

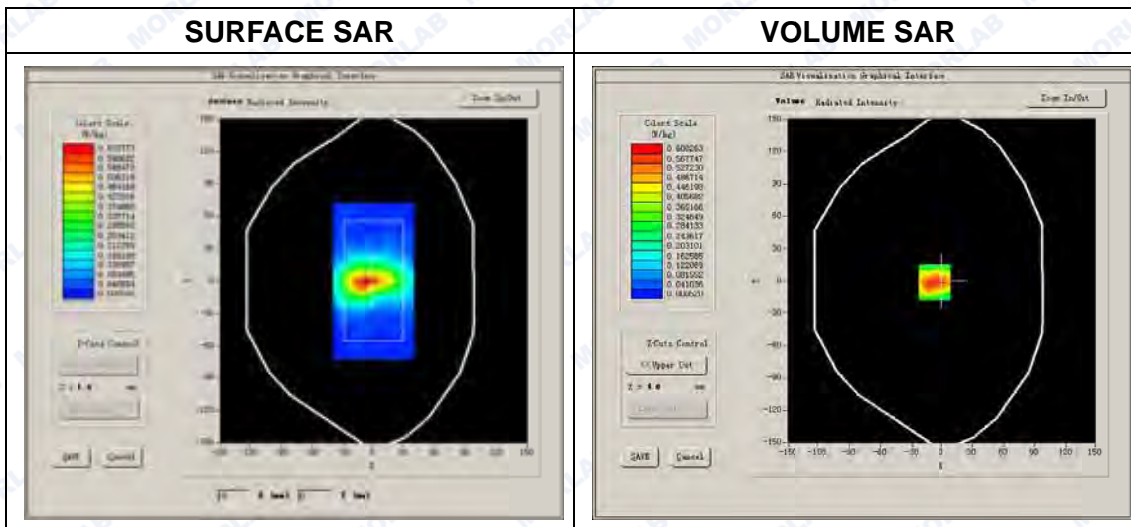
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

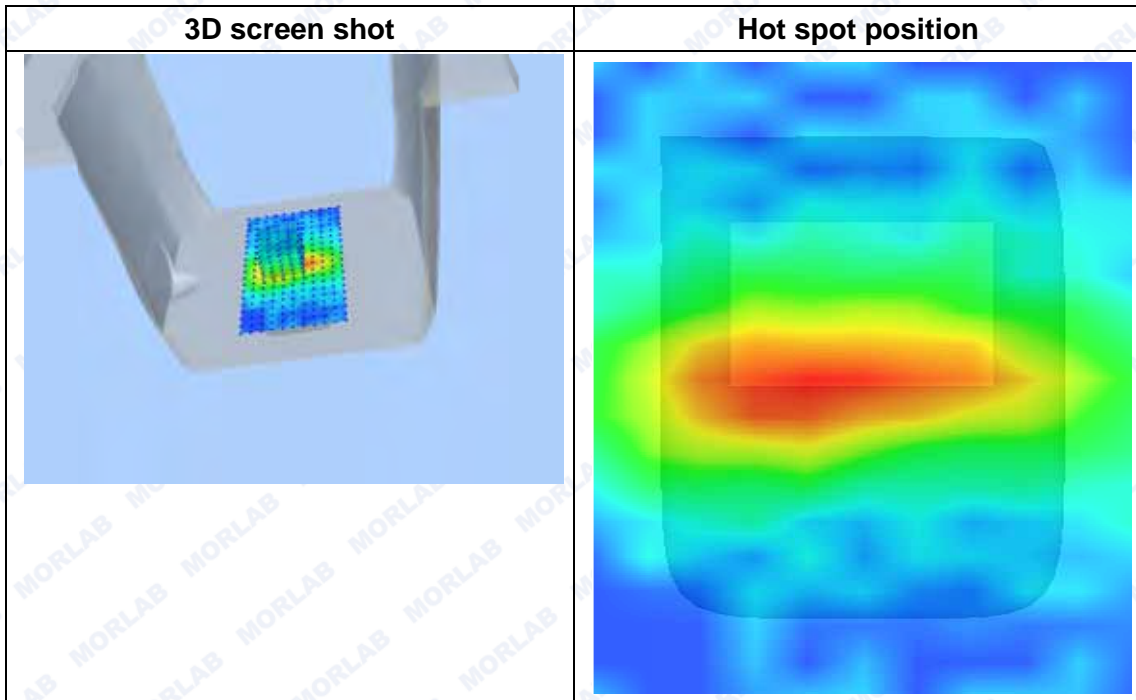
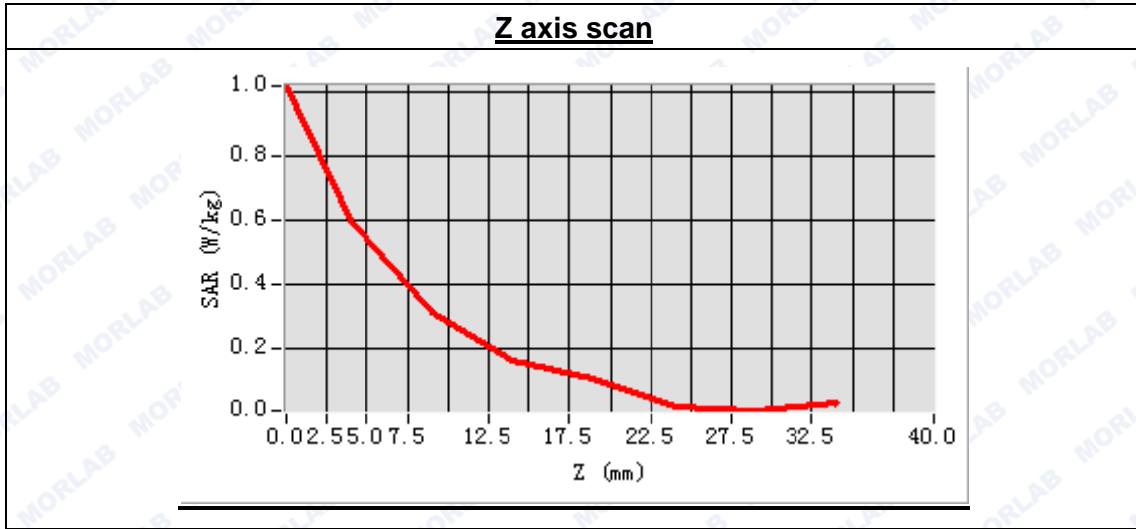
<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.208584
<b>Conductivity (S/m)</b>	1.539548
<b>Power drift (%)</b>	-1.440000
<b>Ambient Temperature:</b>	22.9°C
<b>Liquid Temperature:</b>	22.1°C
<b>ConvF:</b>	6.17
<b>Crest factor:</b>	1:1





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

SAR 10g (W/Kg)	0.319973
SAR 1g (W/Kg)	0.647796







**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: 2014.10.22

Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

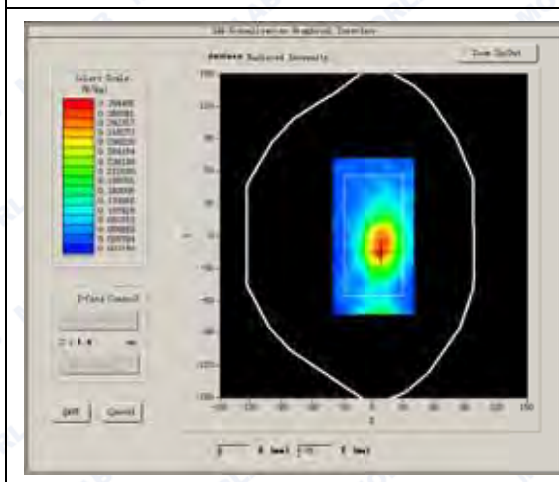
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

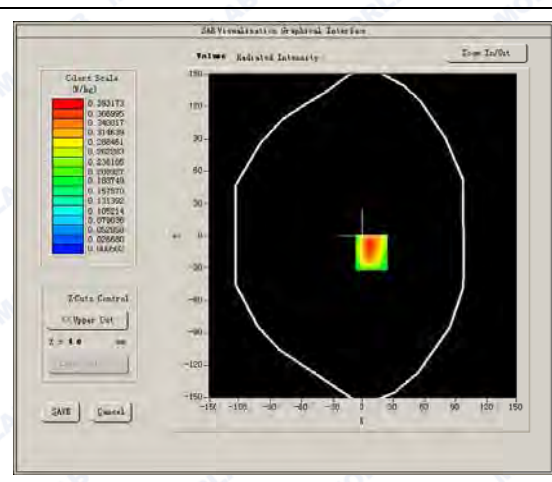
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift (%)	3.630000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

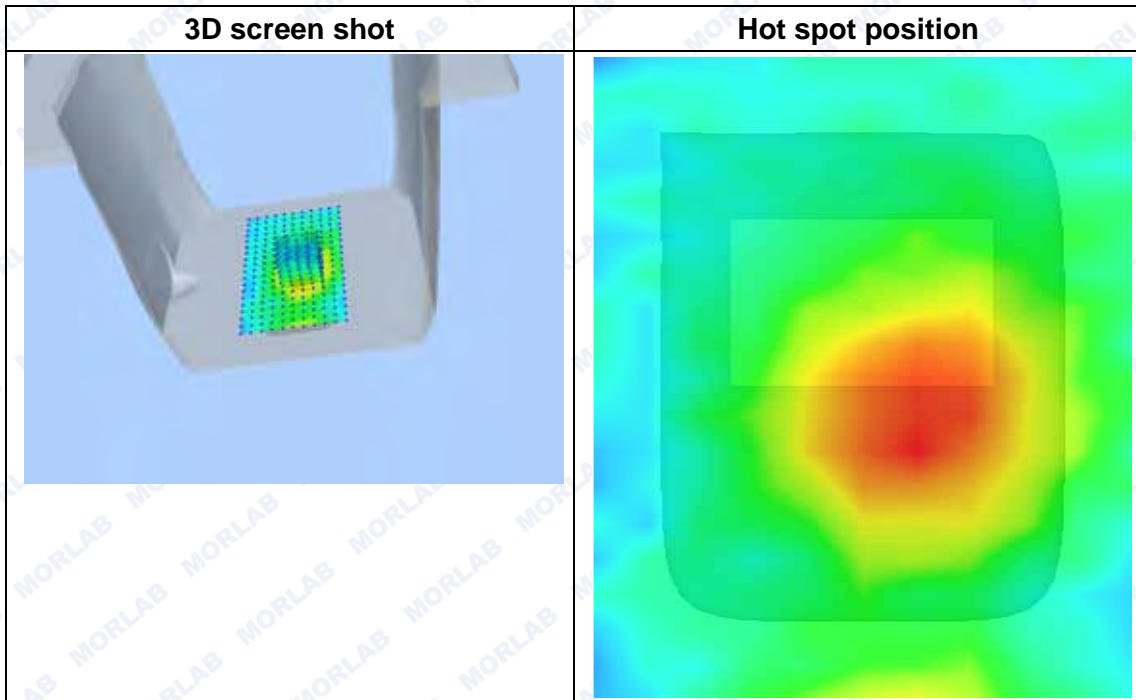
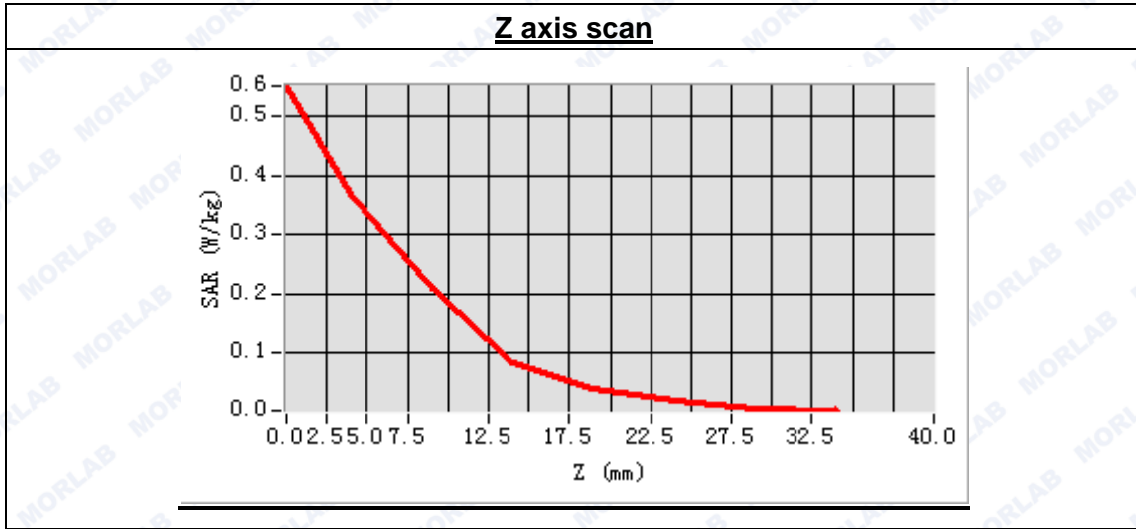




Maximum location: X=8.00, Y=-15.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.206470
SAR 1g (W/Kg)	0.397500





**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: 2014.10.22  
 Measurement duration: 9 minutes 32 seconds

**A. Experimental conditions.**

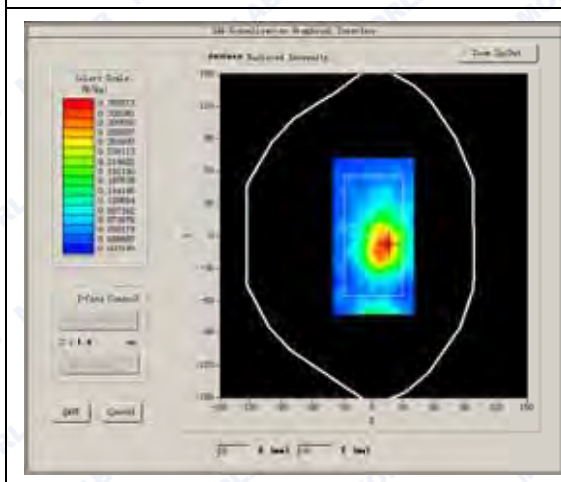
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

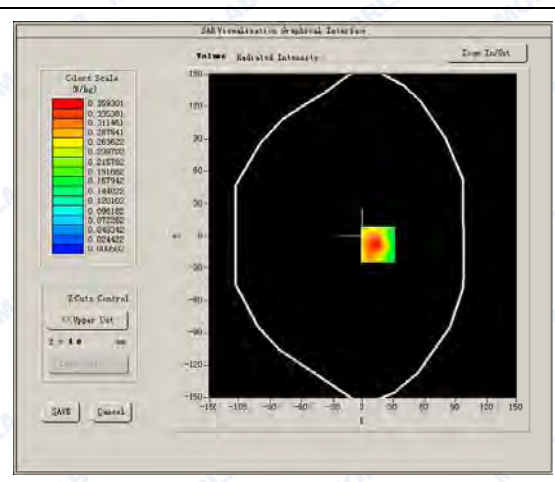
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.208584
Conductivity (S/m)	1.539548
Power drift (%)	1.030000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

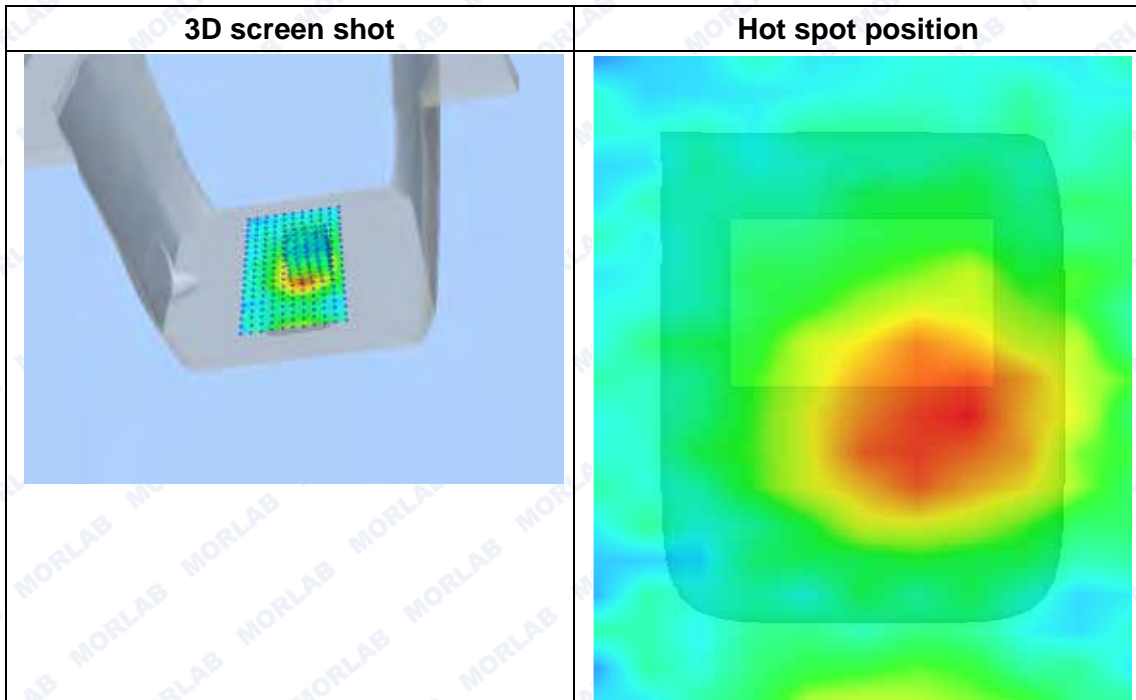
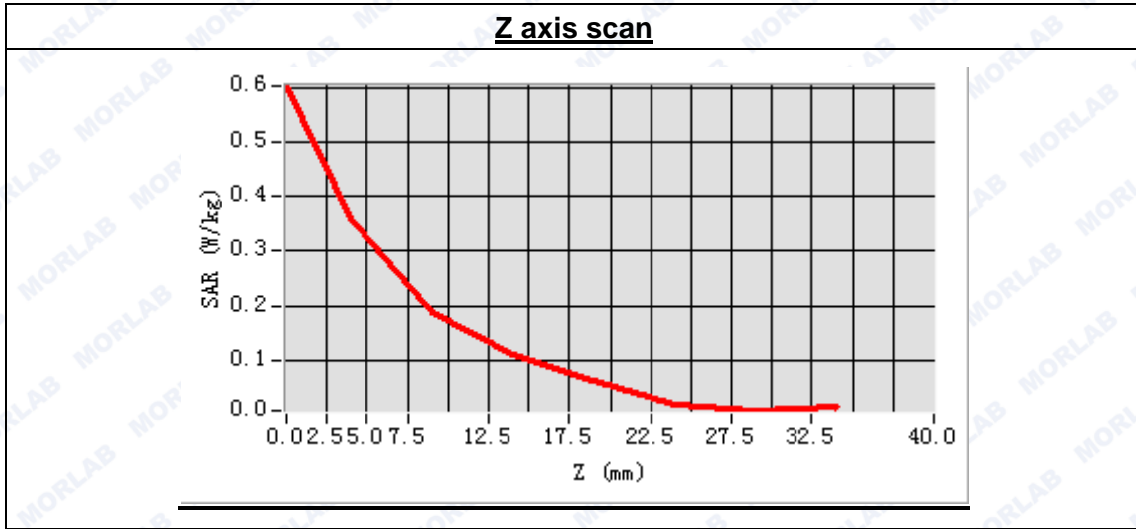




Maximum location: X=15.00, Y=-8.00

SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.192119
SAR 1g (W/Kg)	0.374858





**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

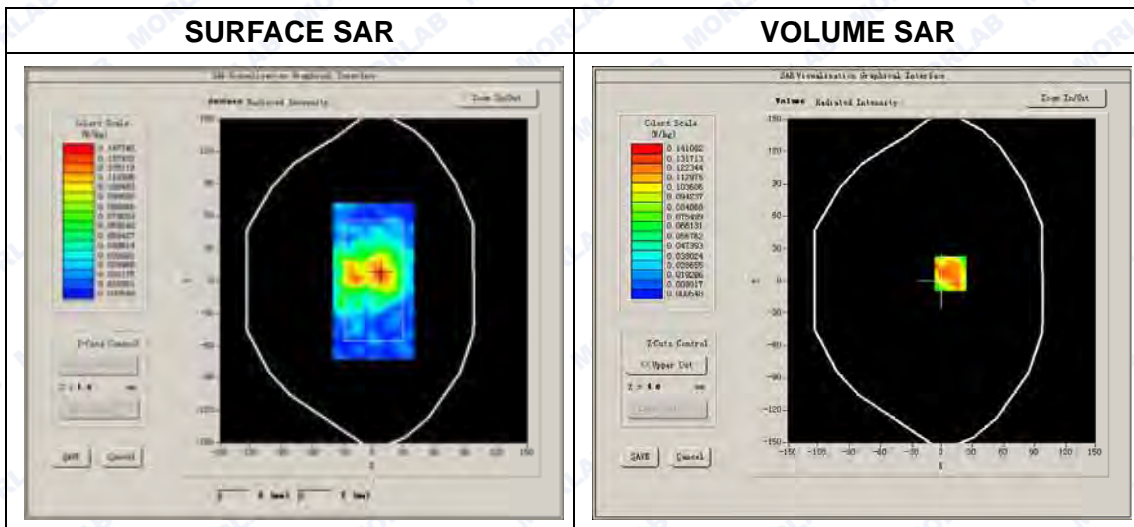
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.281493
<b>Conductivity (S/m)</b>	1.520837
<b>Power drift (%)</b>	-1.890000
<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

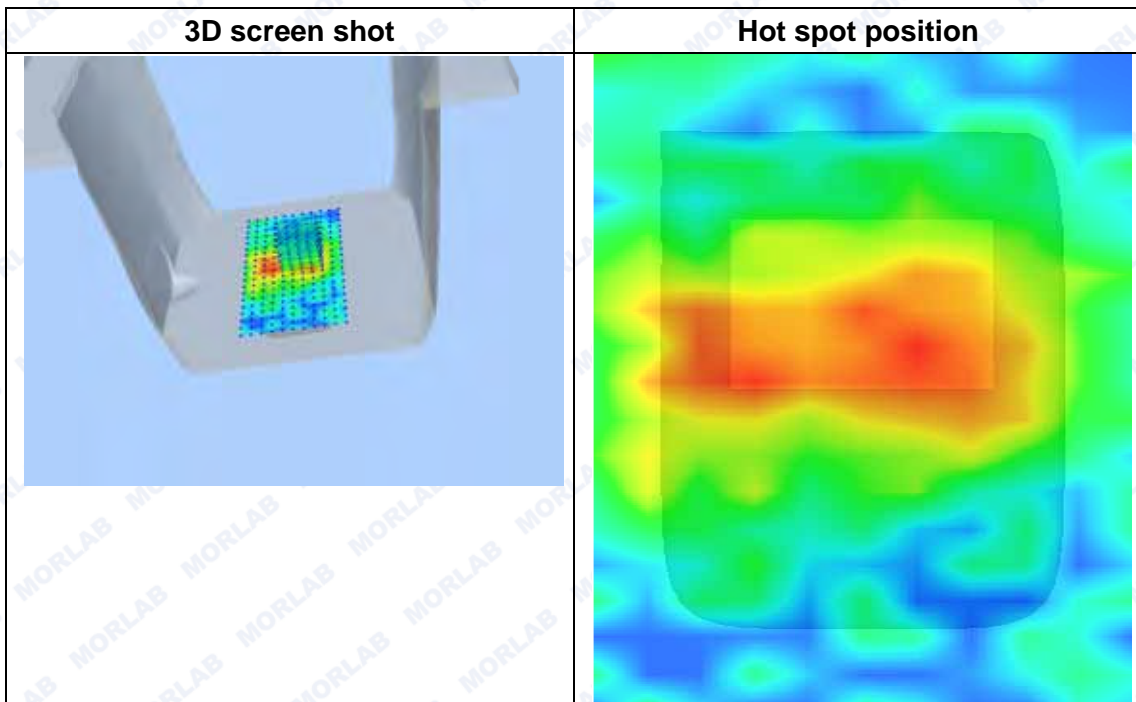
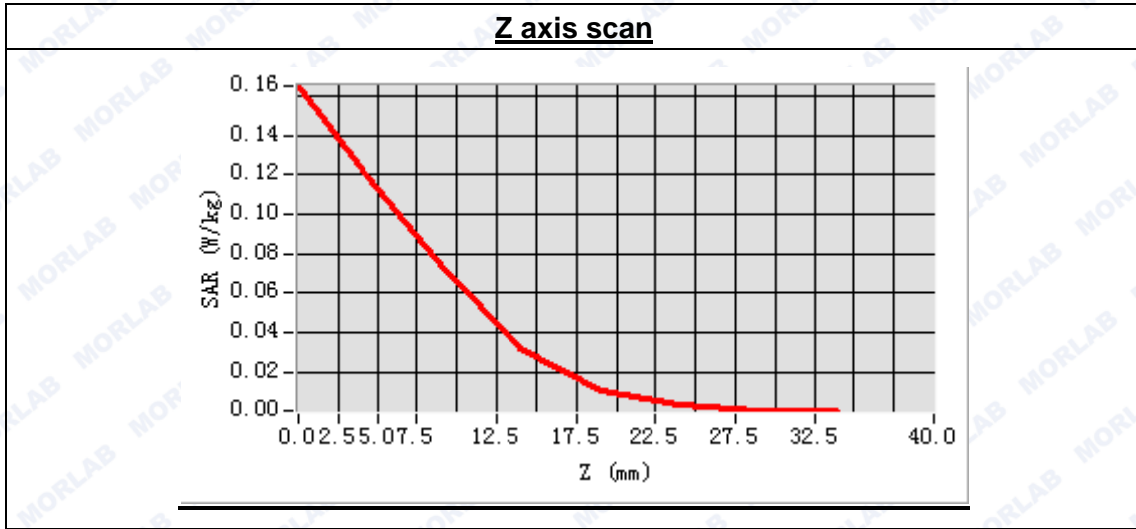




Maximum location: X=8.00, Y=7.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.070542
SAR 1g (W/Kg)	0.144037





**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

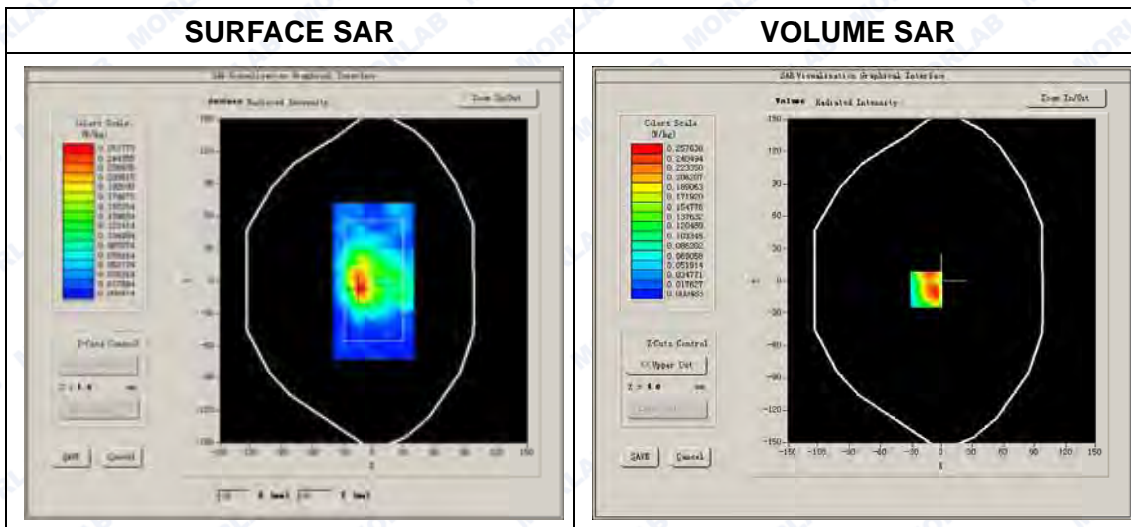
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.281493
<b>Conductivity (S/m)</b>	1.520837
<b>Power drift (%)</b>	-0.150000
<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

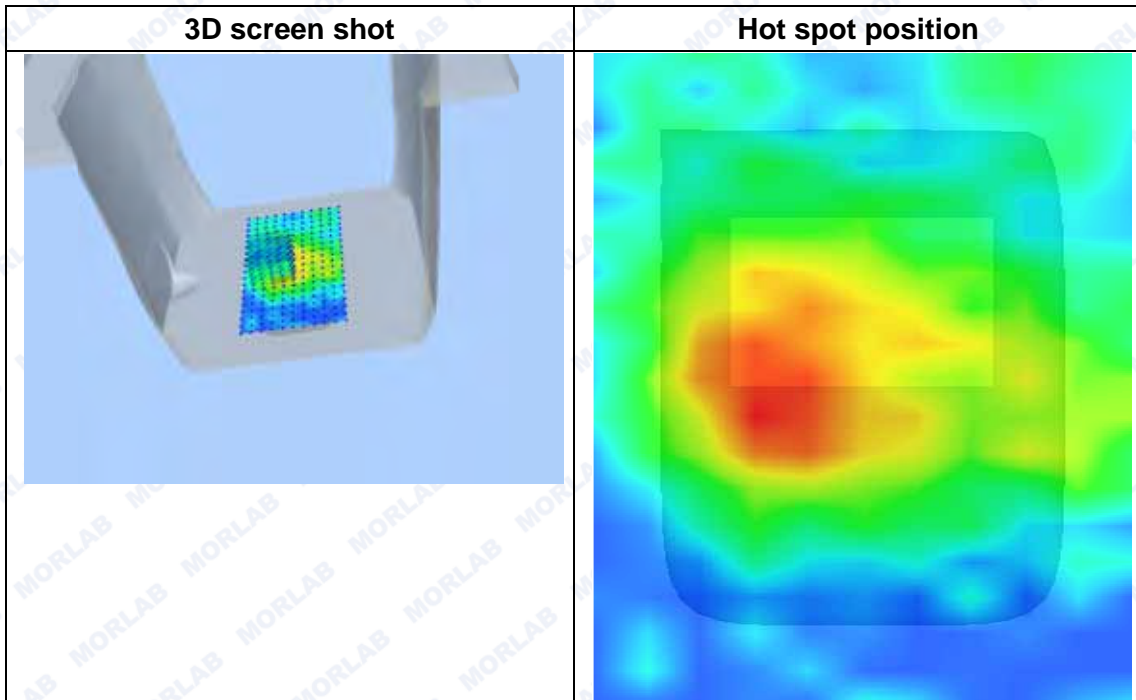
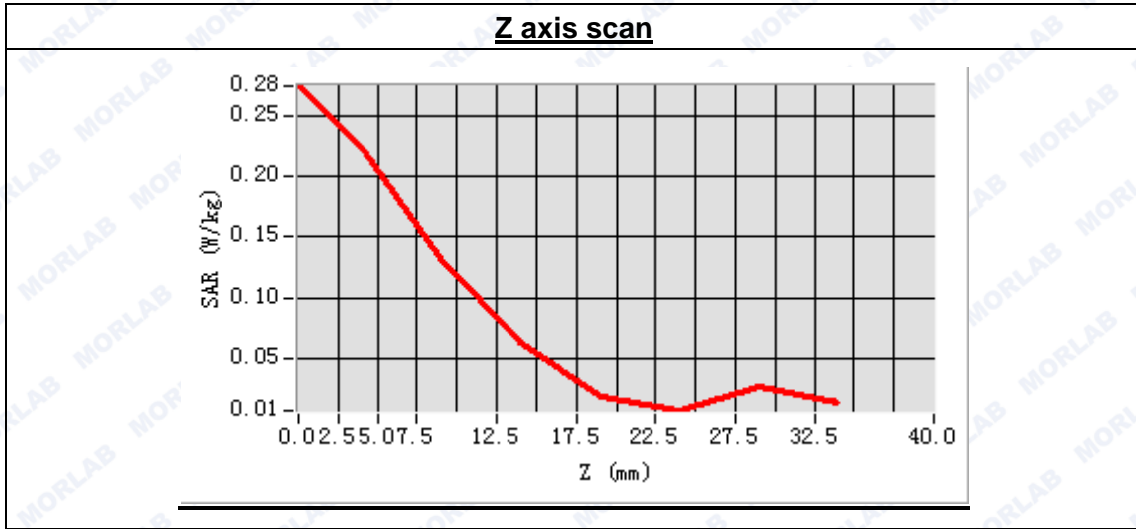




Maximum location: X=-15.00, Y=-8.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.128454
SAR 1g (W/Kg)	0.281827







**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

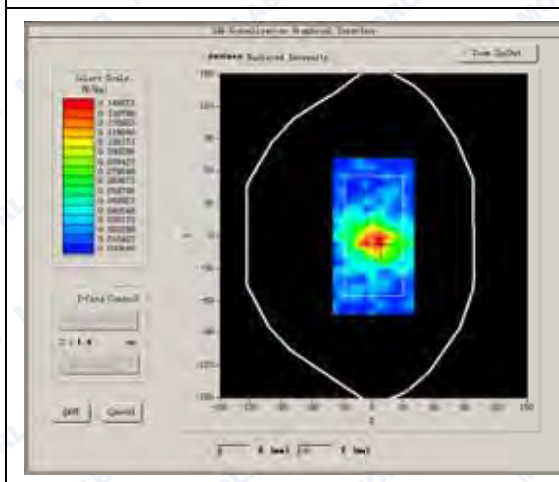
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

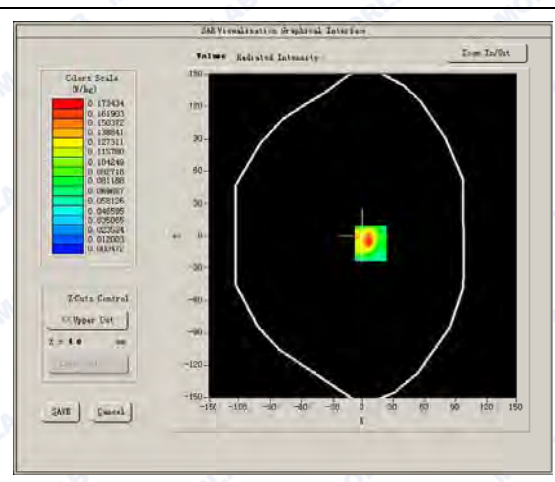
Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.281493
Conductivity (S/m)	1.520837
Power drift (%)	0.250000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

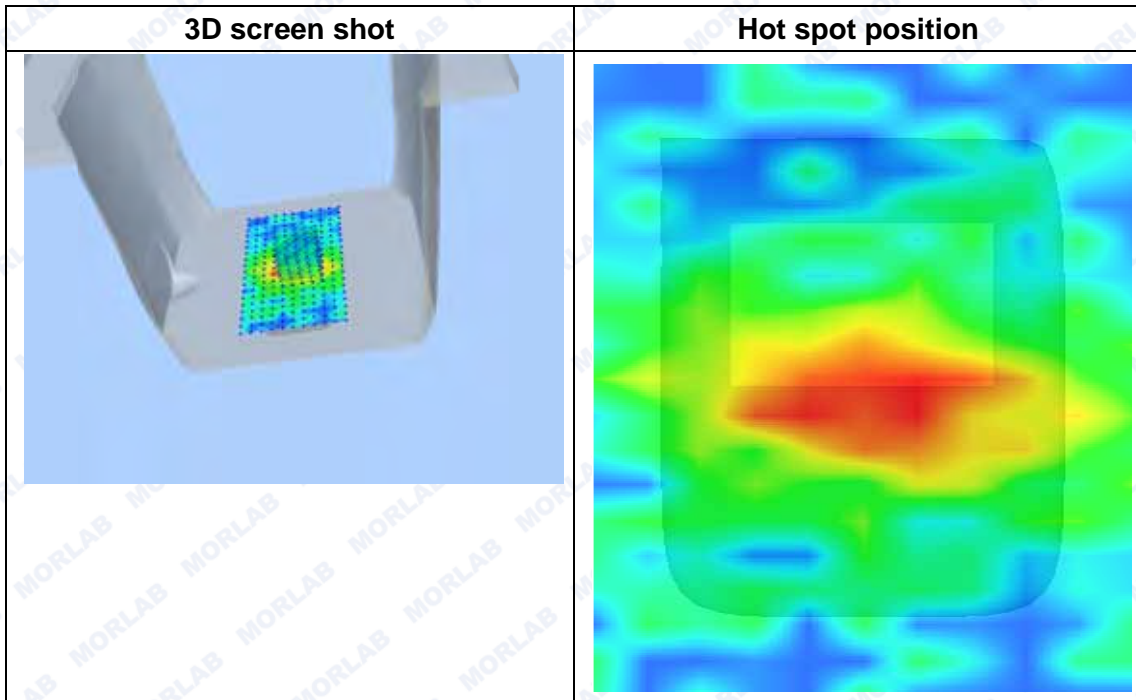
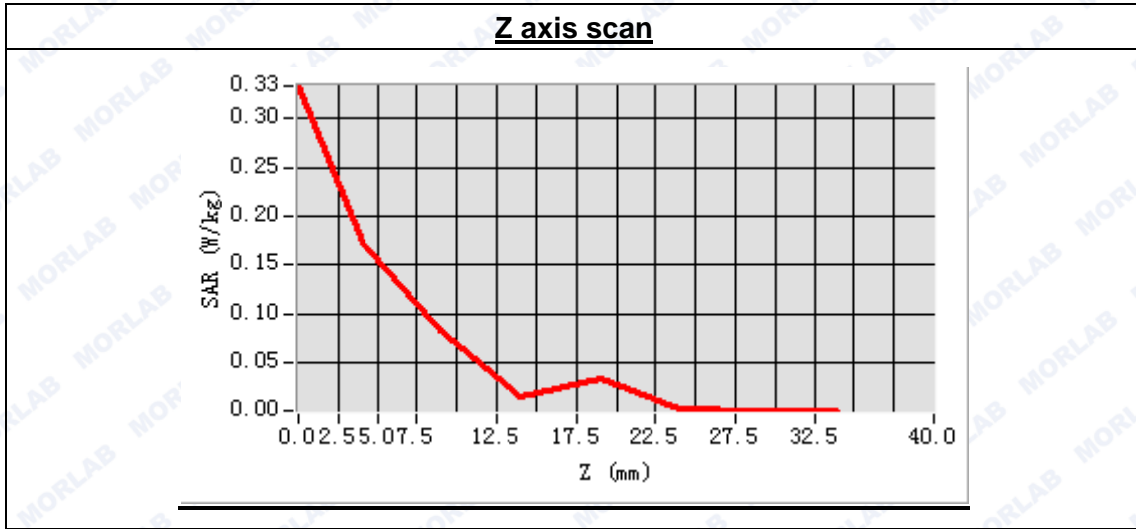




Maximum location: X=7.00, Y=-7.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.077688
SAR 1g (W/Kg)	0.184084





**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

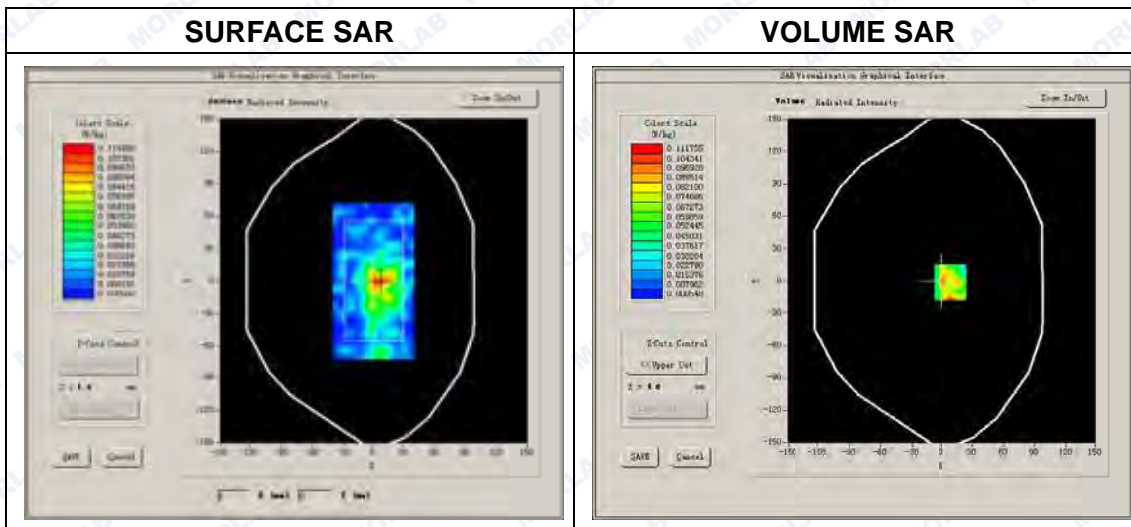
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.281493
<b>Conductivity (S/m)</b>	1.520837
<b>Power drift (%)</b>	3.980000
<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

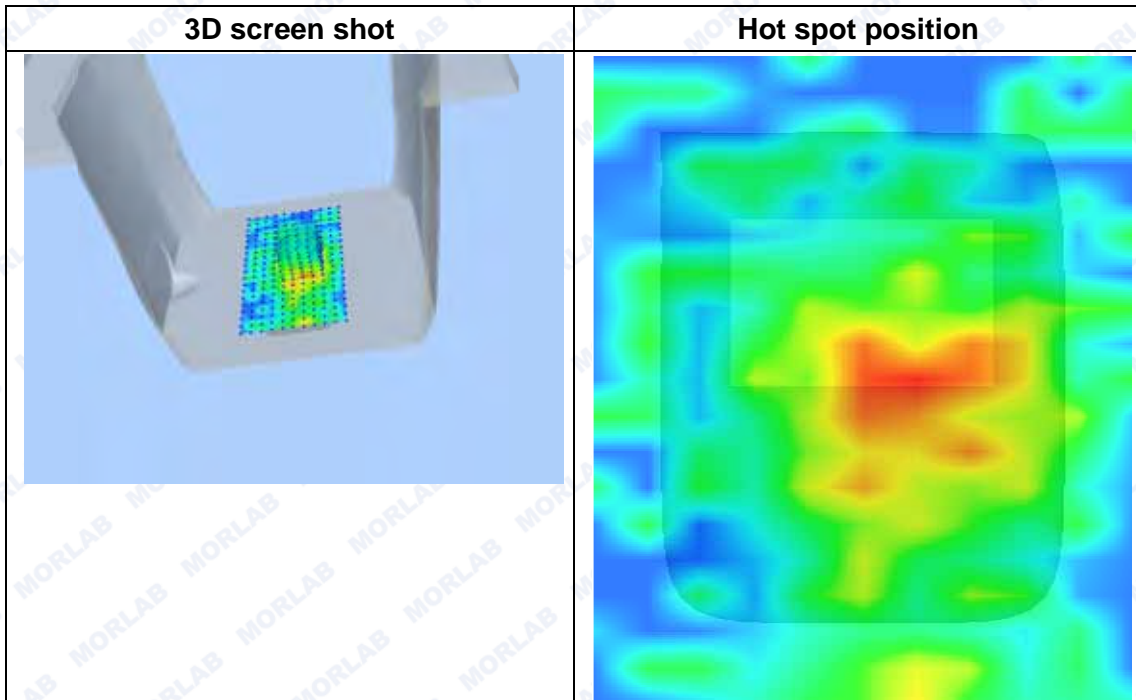
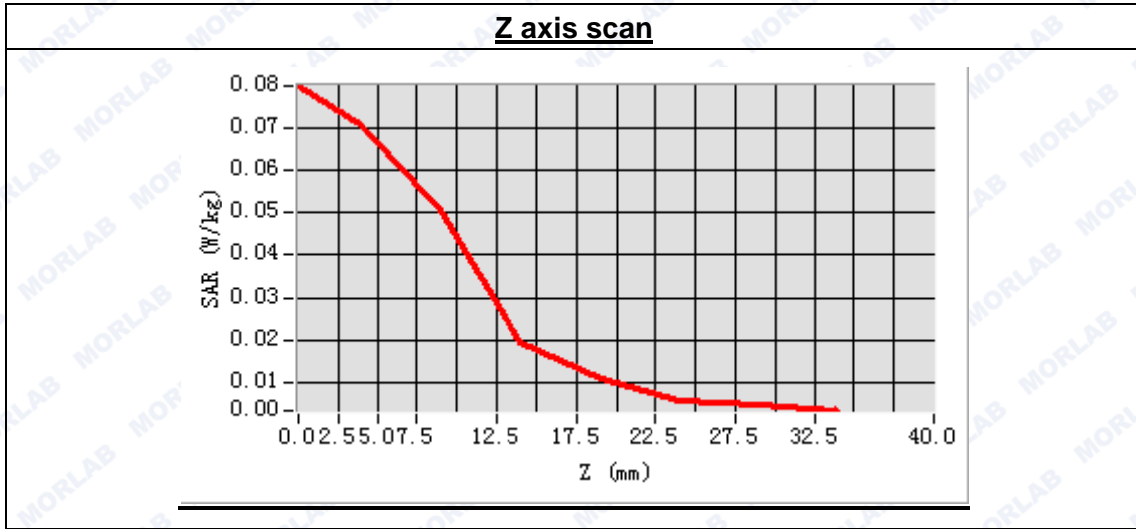




Maximum location: X=8.00, Y=-1.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.052250
SAR 1g (W/Kg)	0.116281





**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: 2014.10.21  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

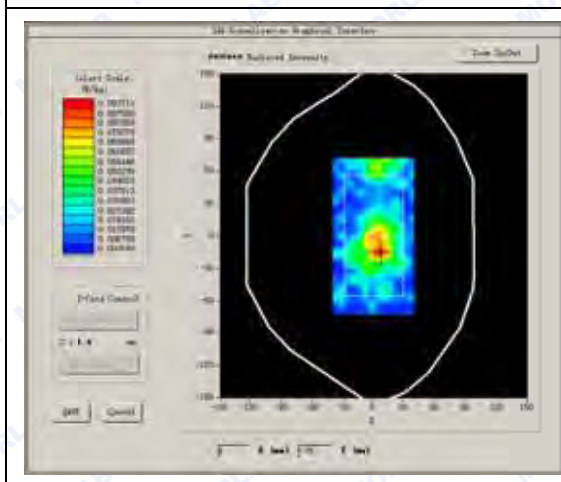
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

**B. SAR Measurement Results**

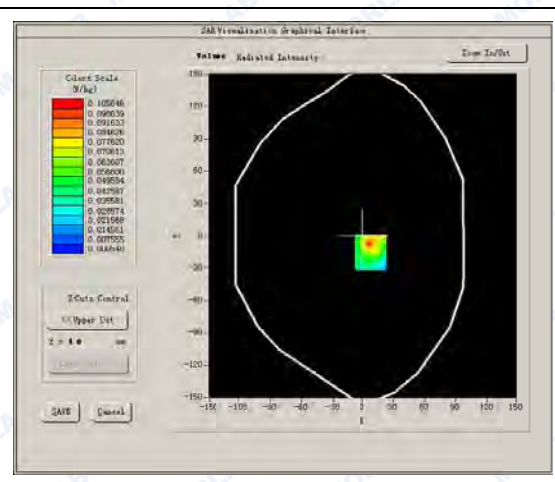
Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.281493
Conductivity (S/m)	1.520837
Power drift (%)	-1.010000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

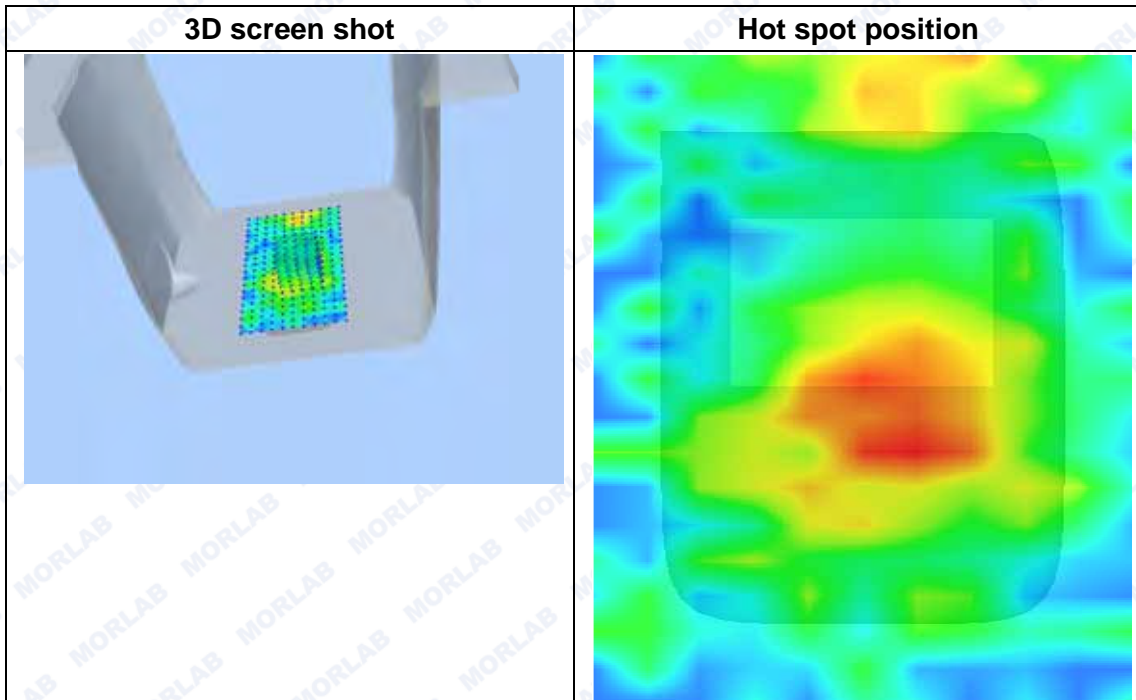
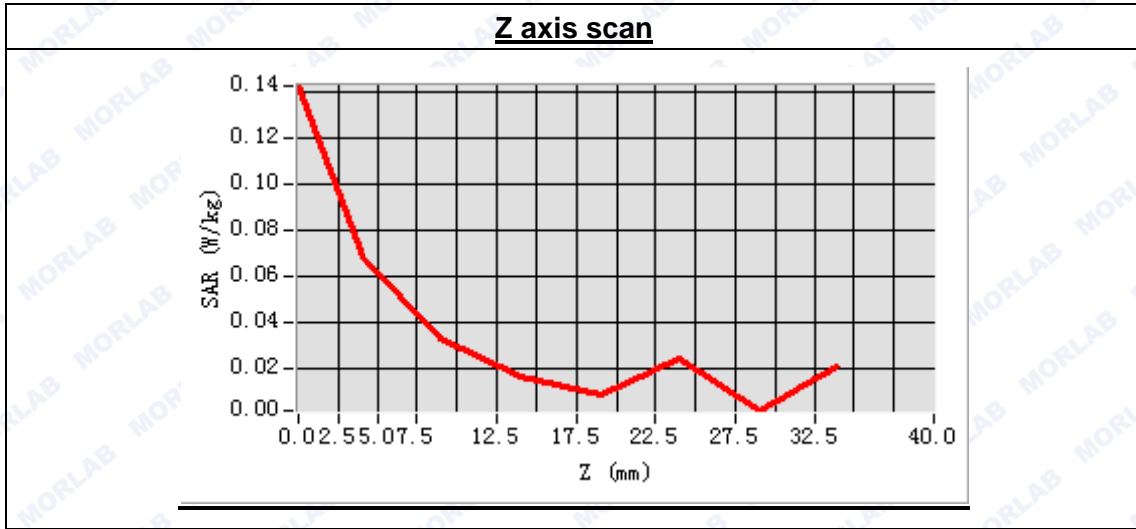




Maximum location: X=7.00, Y=-15.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.047895
SAR 1g (W/Kg)	0.101584





**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: 2014.10.21  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

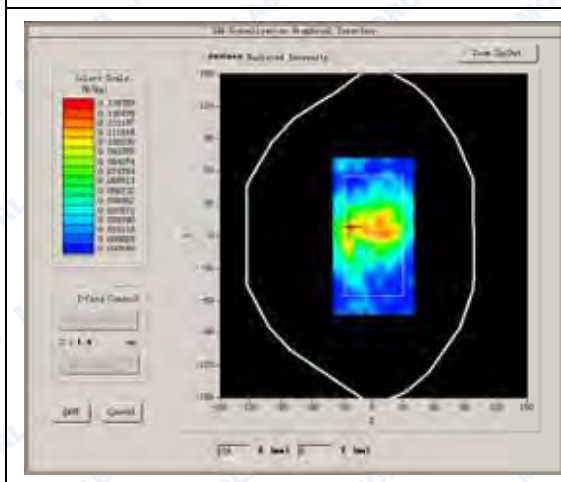
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band4 (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

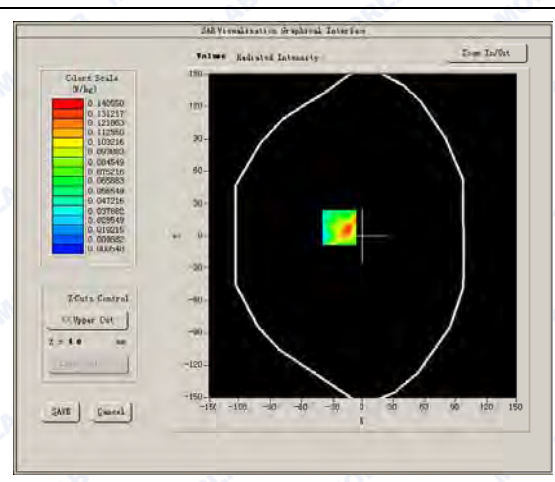
Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.281493
<b>Conductivity (S/m)</b>	1.520837
<b>Power drift (%)</b>	-3.890000
<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

**SURFACE SAR**



**VOLUME SAR**

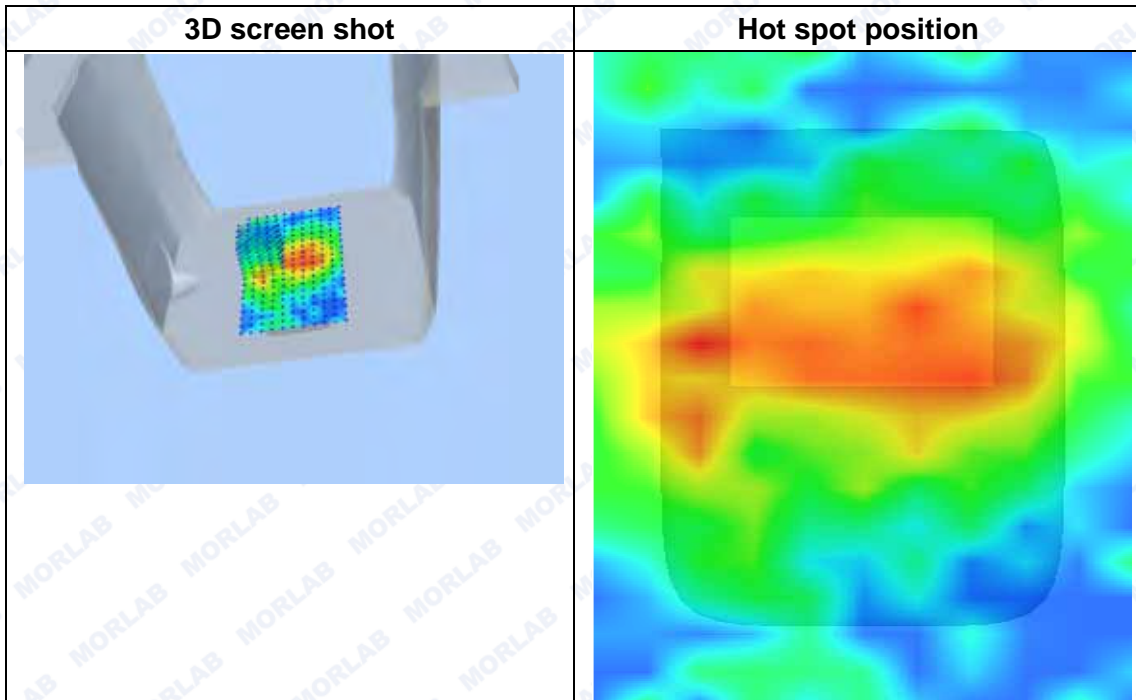
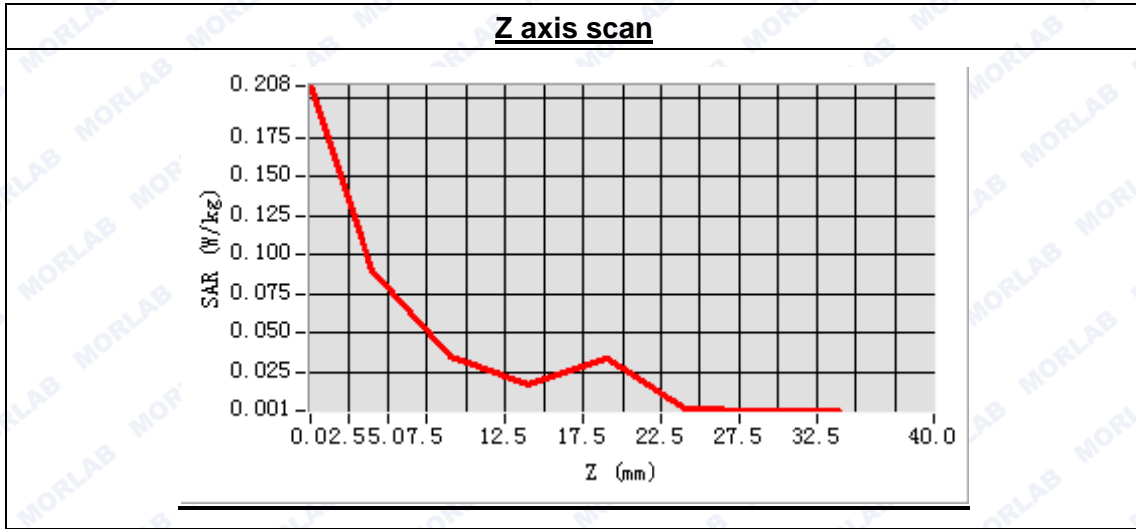




Maximum location: X=-24.00, Y=8.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.065853
SAR 1g (W/Kg)	0.151786







**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

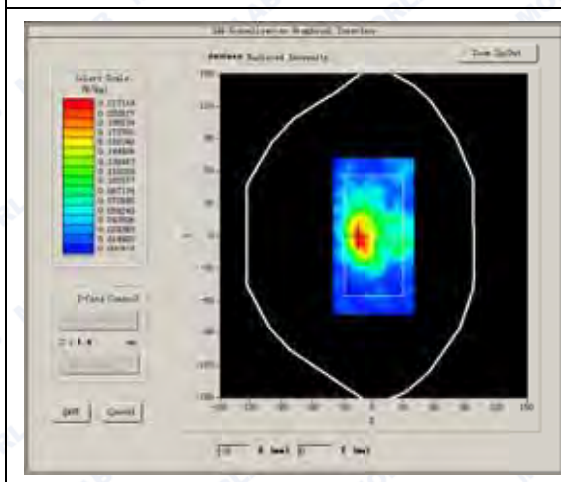
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

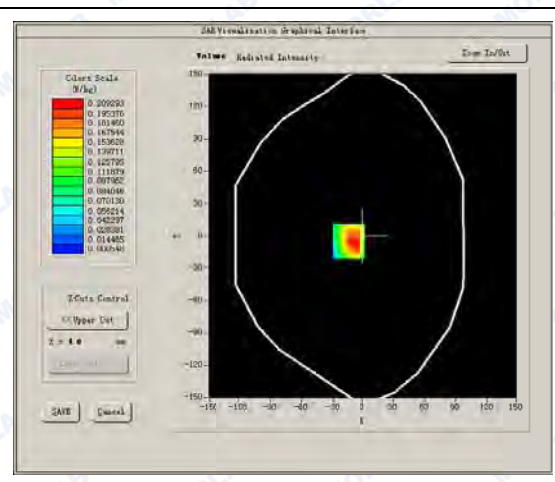
Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.281493
Conductivity (S/m)	1.520837
Power drift (%)	-4.500000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

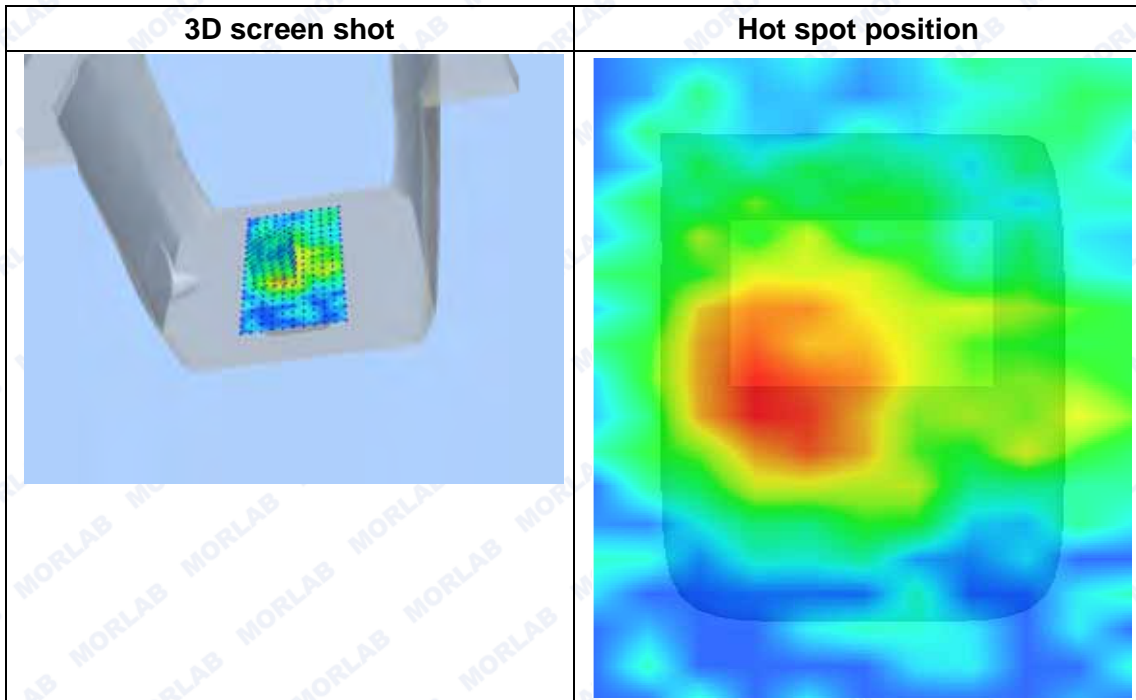
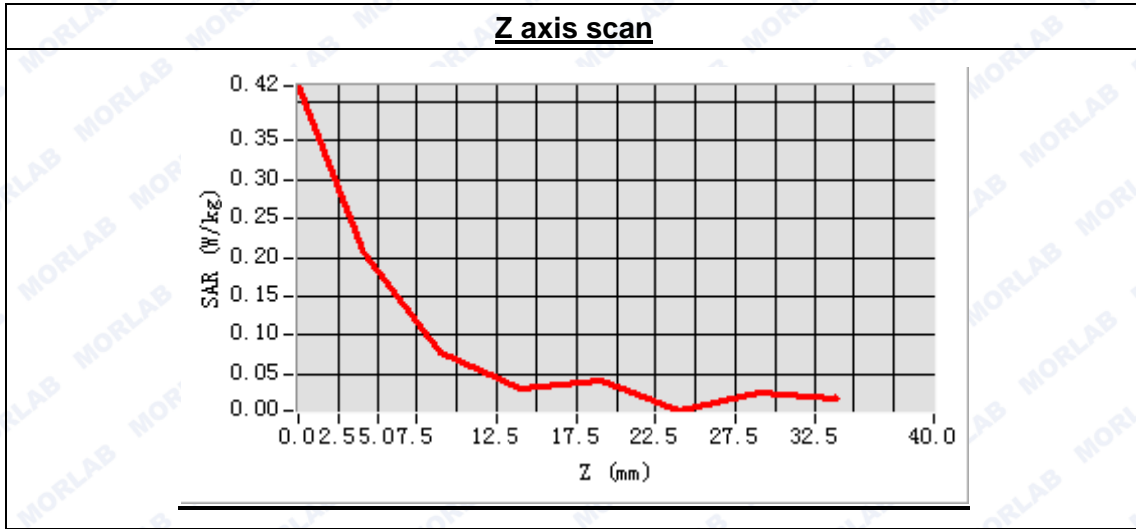




Maximum location: X=-14.00, Y=-5.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.101075
SAR 1g (W/Kg)	0.224461





**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

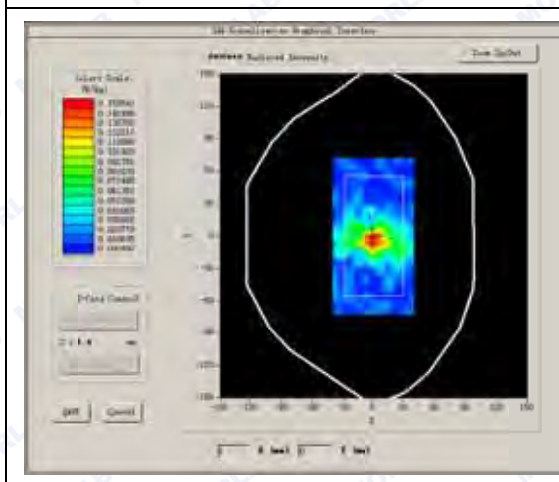
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

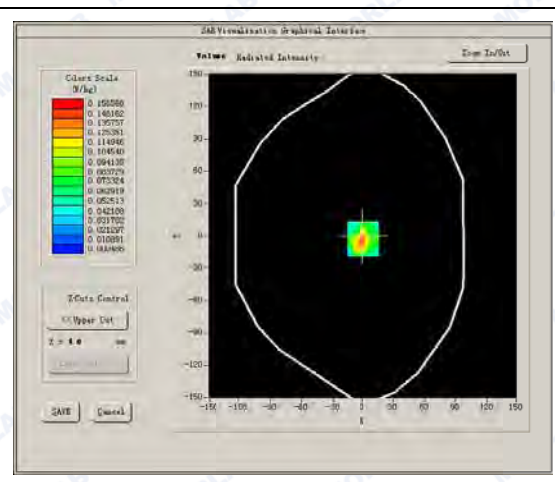
Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.281493
Conductivity (S/m)	1.520837
Power drift (%)	-0.150000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

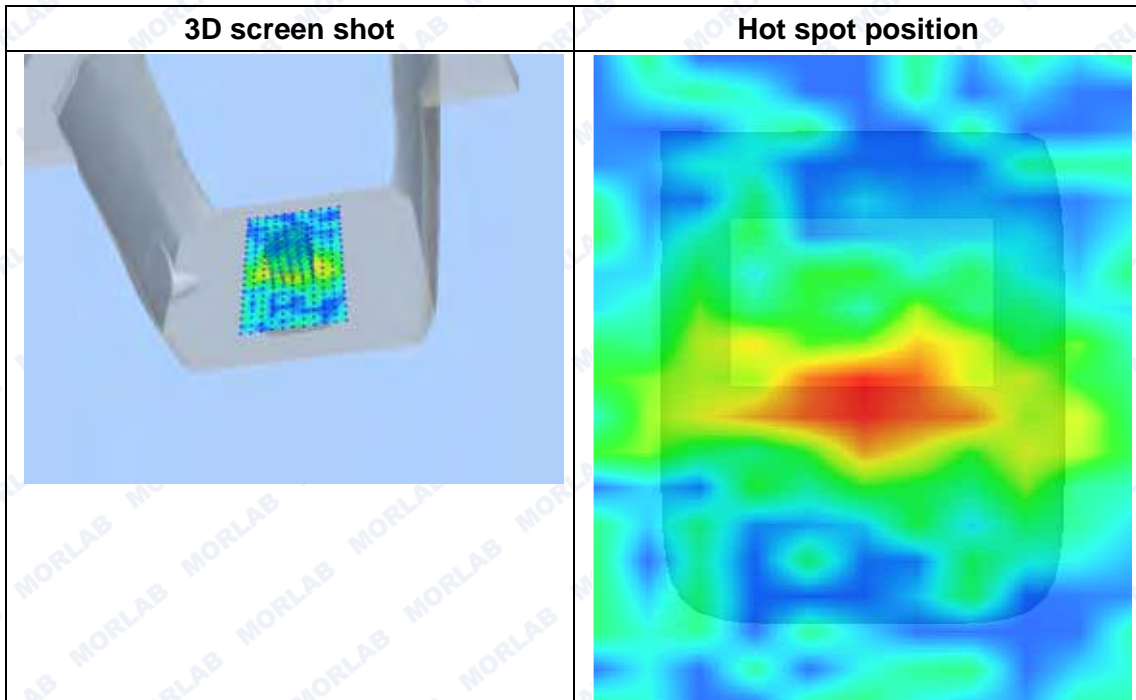
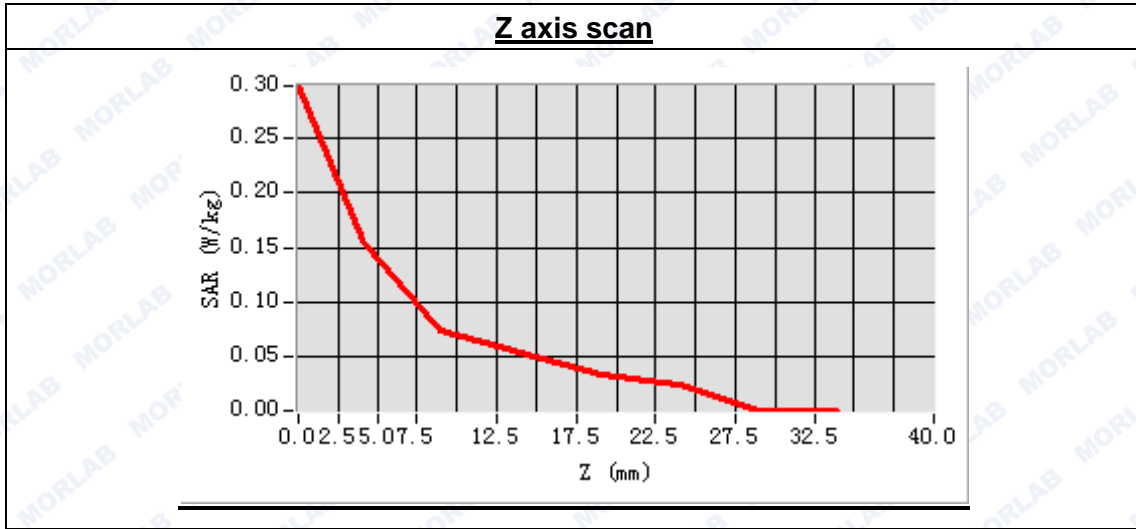




Maximum location: X=0.00, Y=-3.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.067427
SAR 1g (W/Kg)	0.166569





**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: 2014.10.21  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

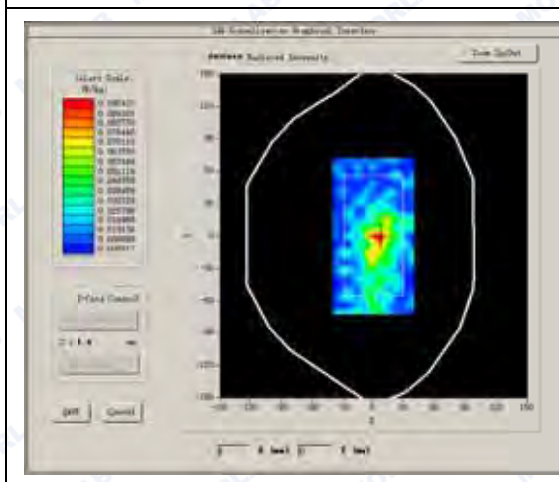
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

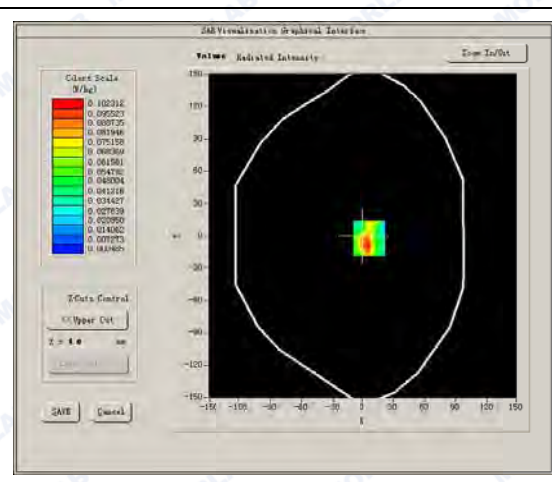
Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.281493
Conductivity (S/m)	1.520837
Power drift (%)	-2.290000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

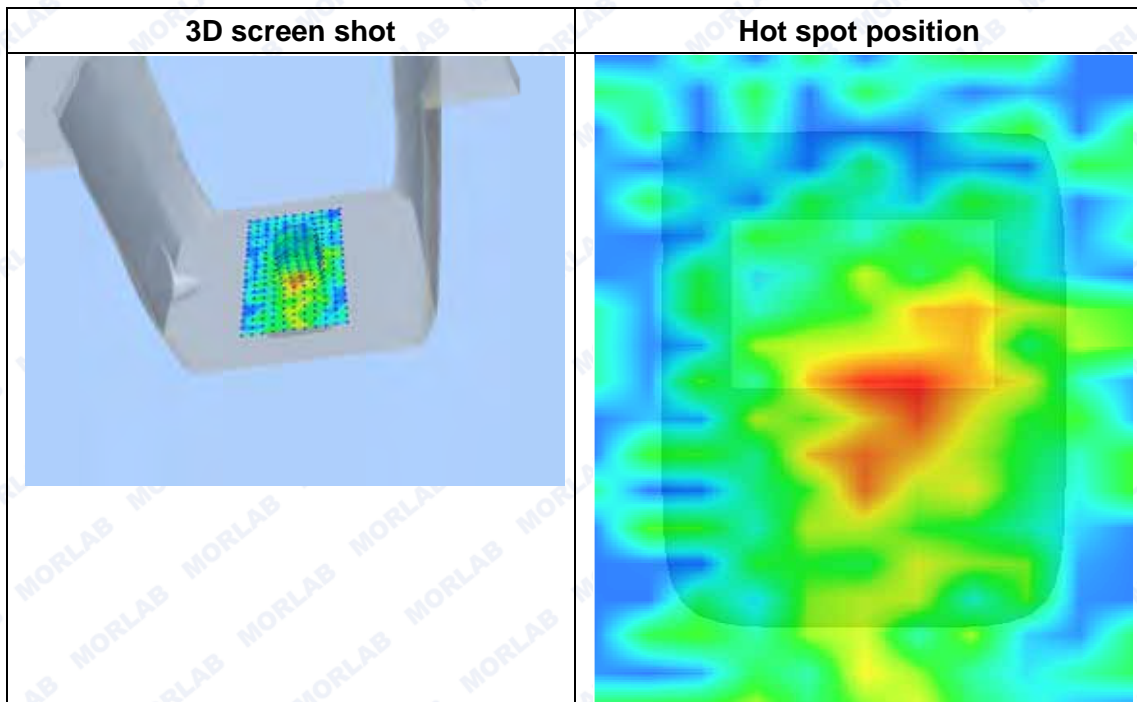
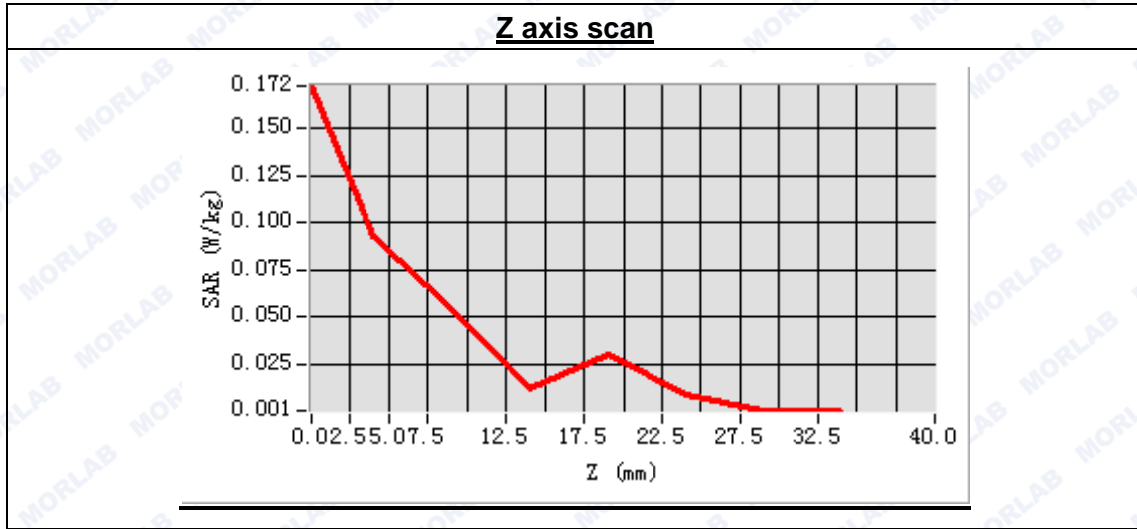




Maximum location: X=6.00, Y=-2.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.045644
SAR 1g (W/Kg)	0.102066





**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: 2014.10.21  
 Measurement duration: 9 minutes 34 seconds

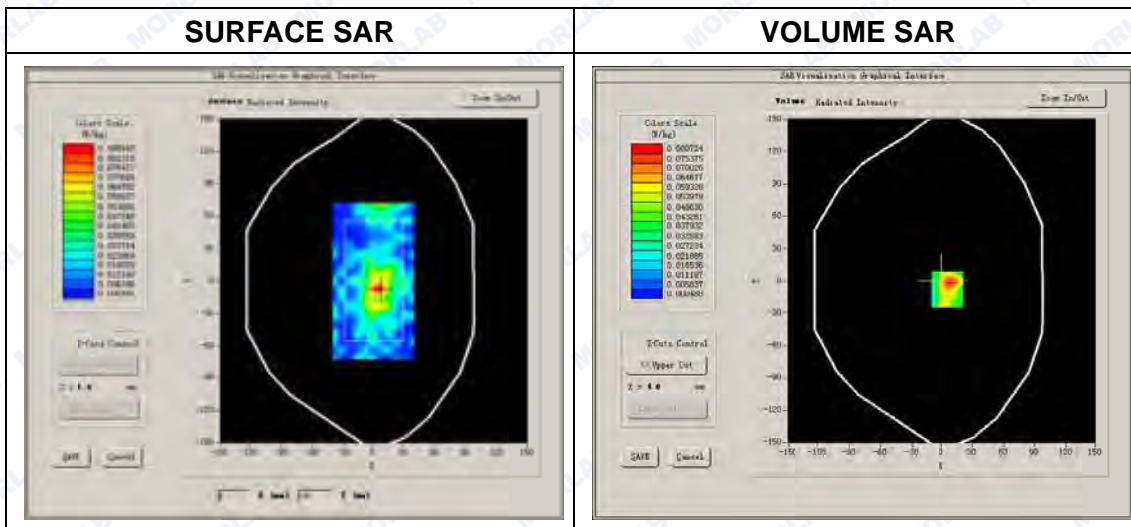
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	53.281493
<b>Conductivity (S/m)</b>	1.520837
<b>Power drift (%)</b>	-0.460000
<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

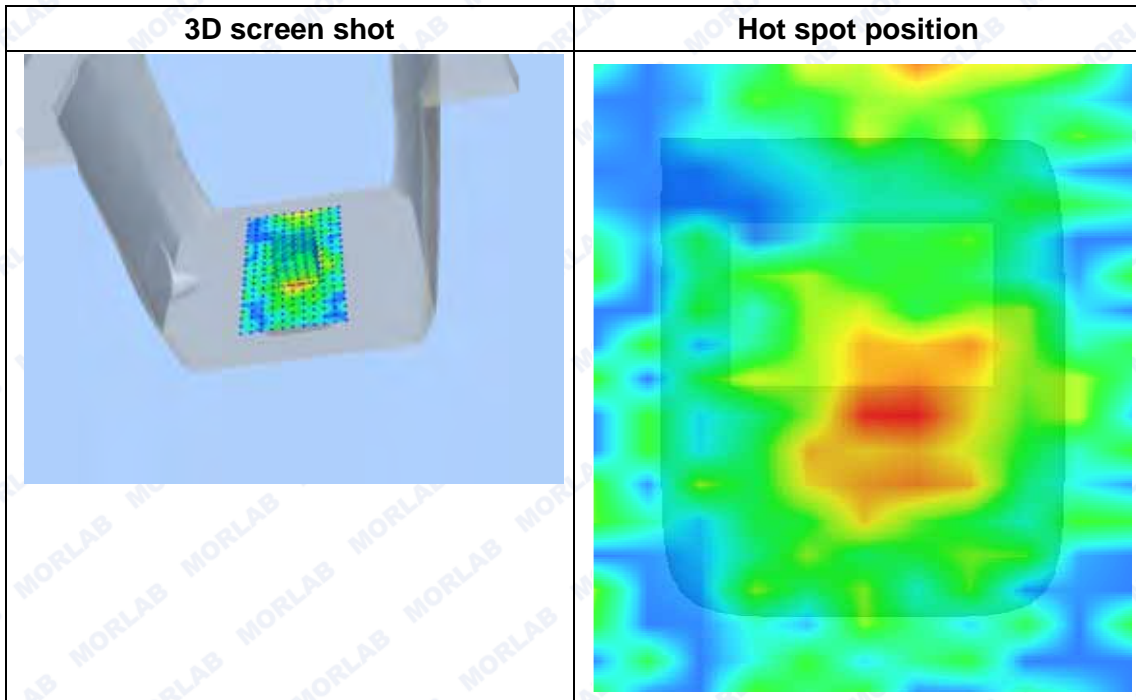
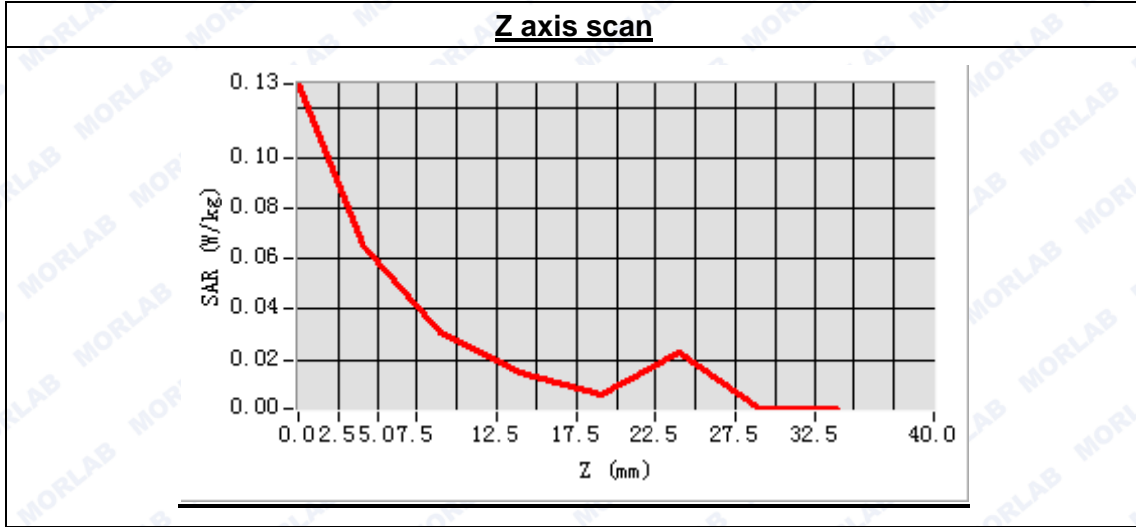




Maximum location: X=5.00, Y=-8.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.040272
SAR 1g (W/Kg)	0.090591







**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

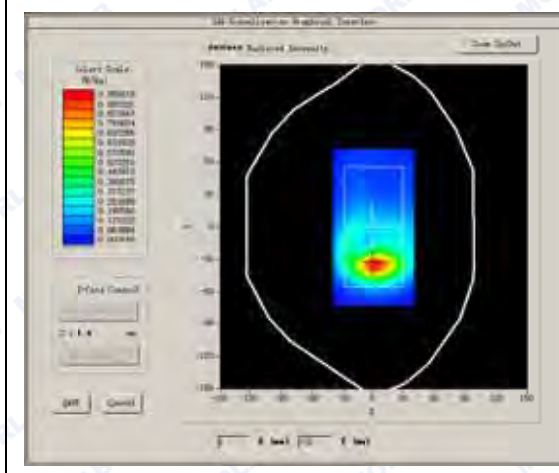
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

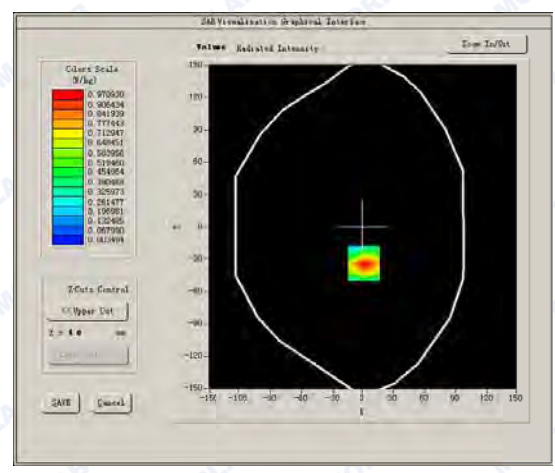
Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	0.540000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

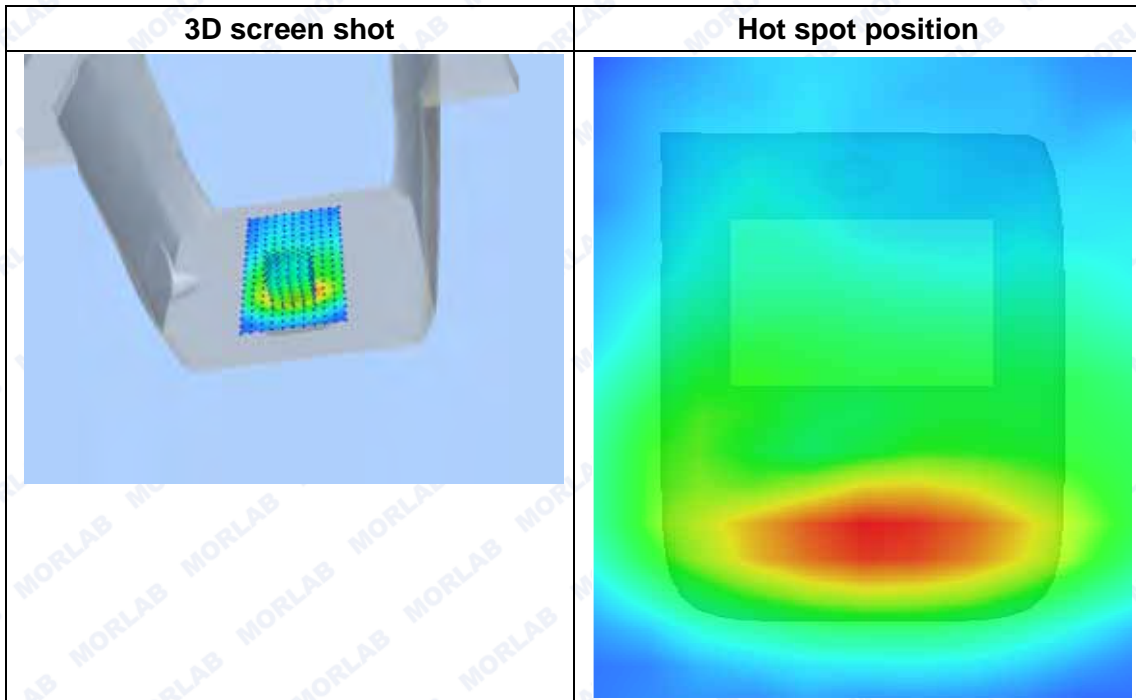
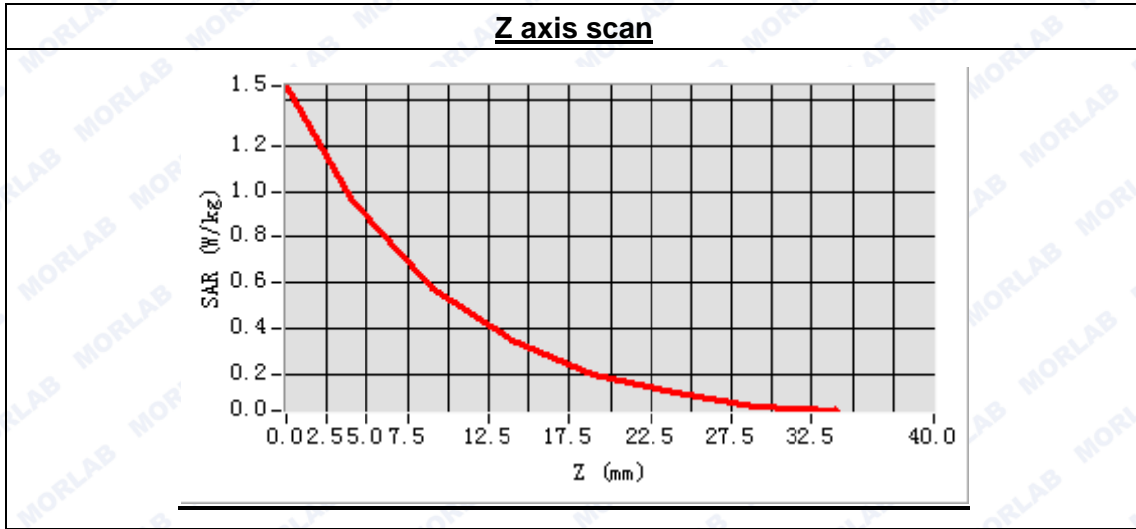




Maximum location: X=1.00, Y=-34.00

SAR Peak: 1.59 W/kg

SAR 10g (W/Kg)	0.582694
SAR 1g (W/Kg)	1.020372





**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: 2014.11.22  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

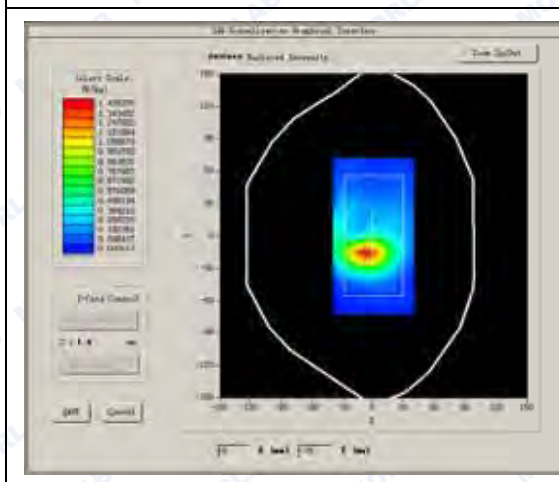
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

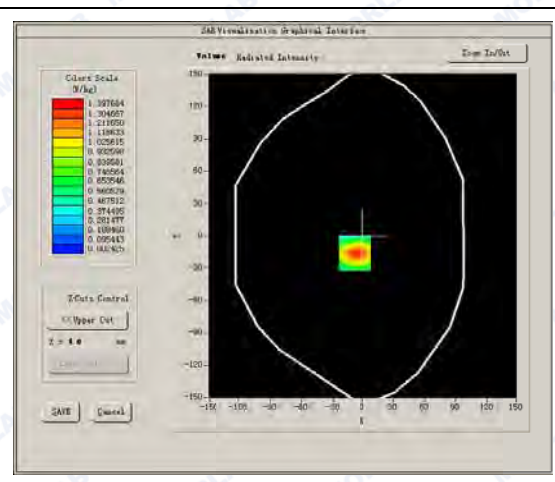
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-3.890000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

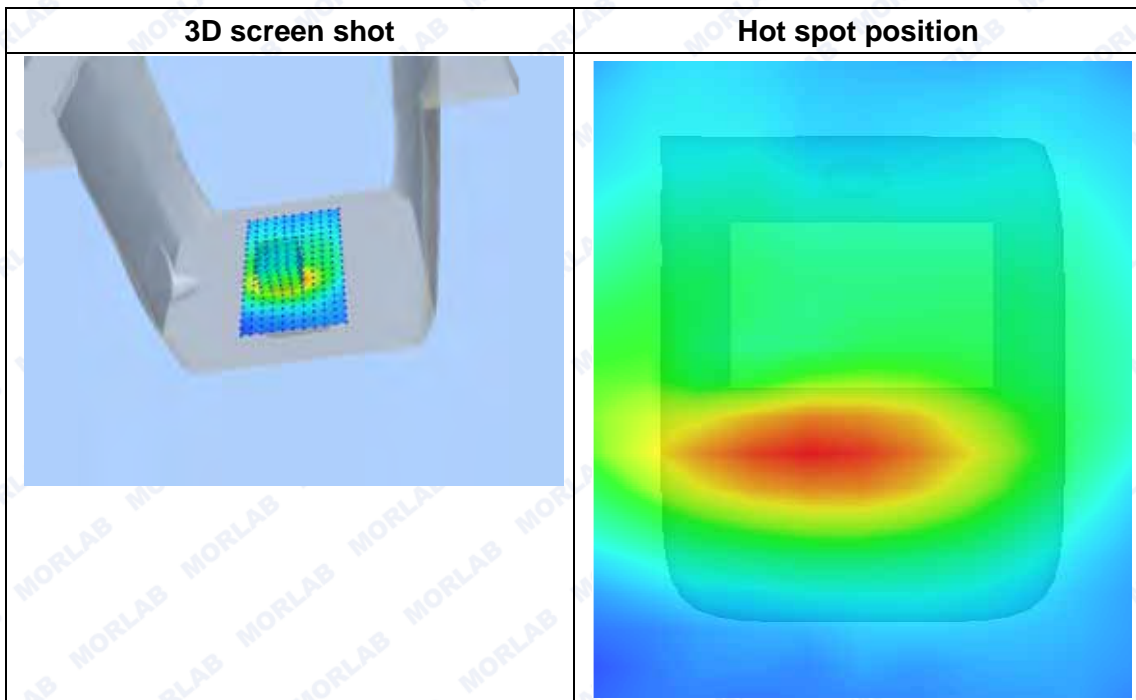
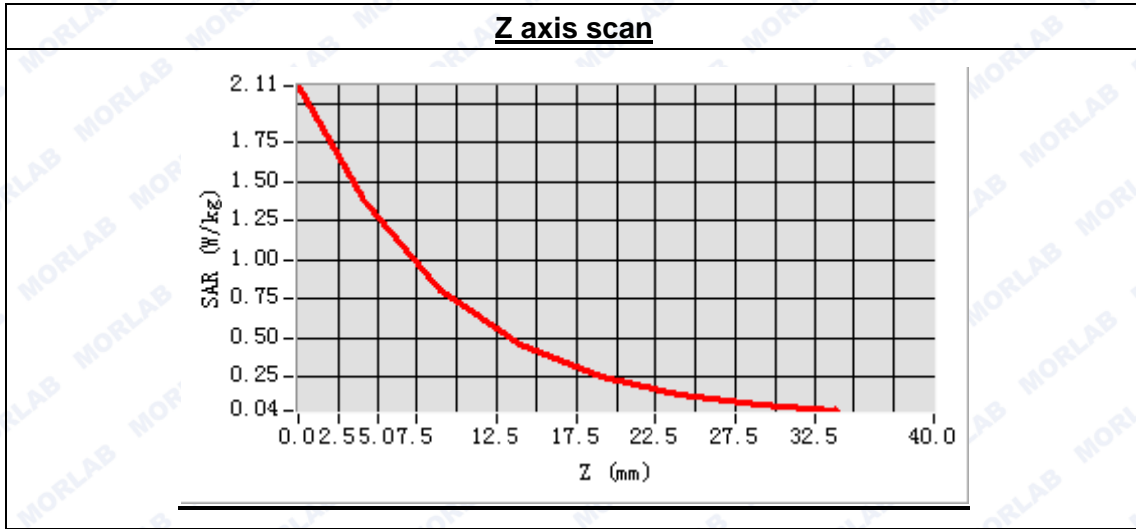




Maximum location: X=-8.00, Y=-16.00

SAR Peak: 1.62 W/kg

SAR 10g (W/Kg)	0.757450
SAR 1g (W/Kg)	1.123520





**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

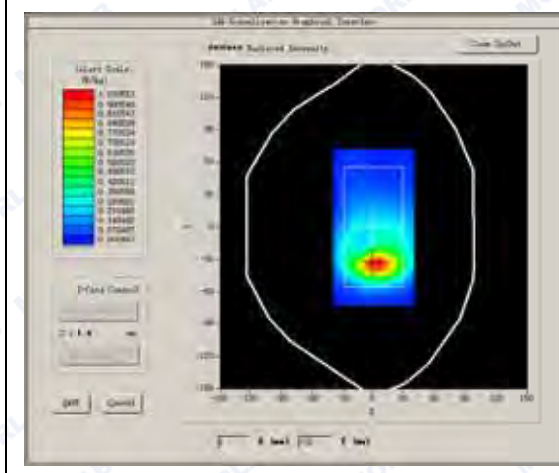
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	High
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

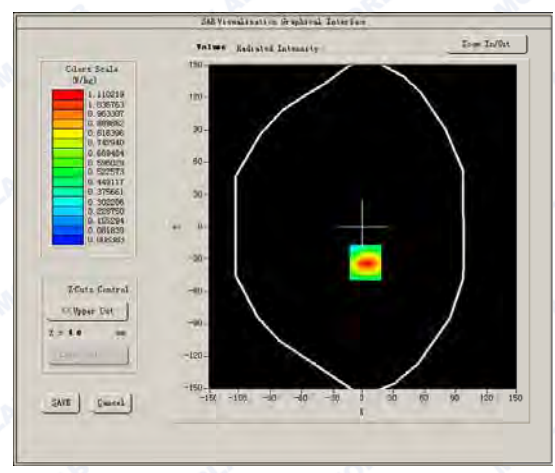
High Band SAR (Channel 21350):

Frequency (MHz)	2560.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-1.210000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

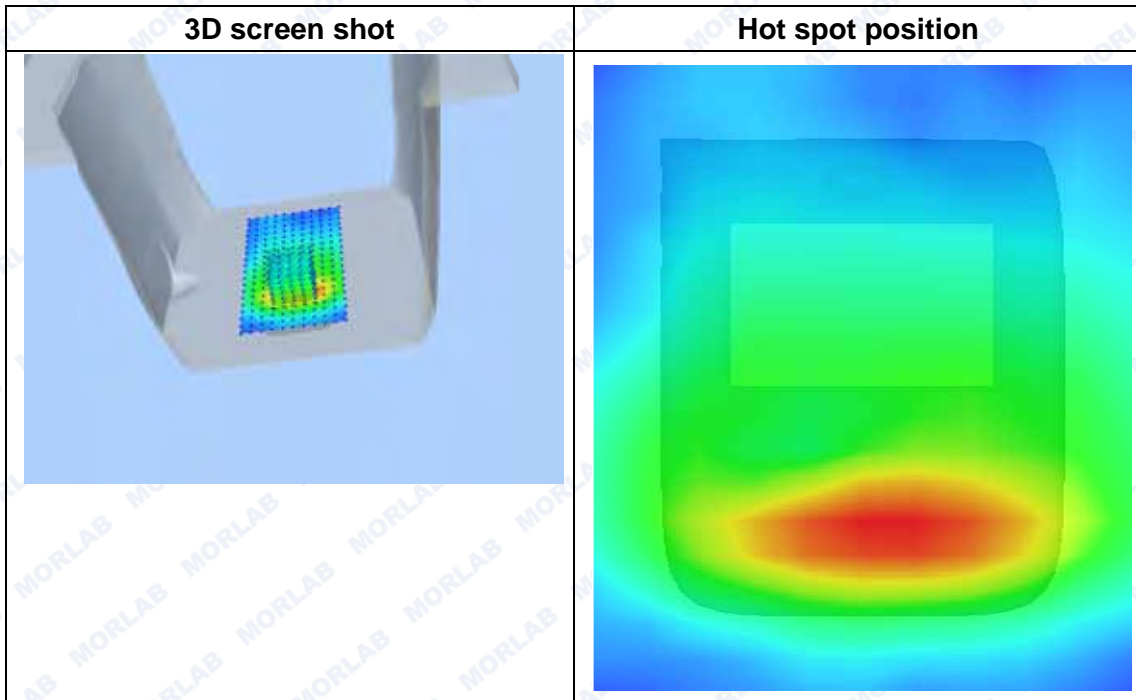
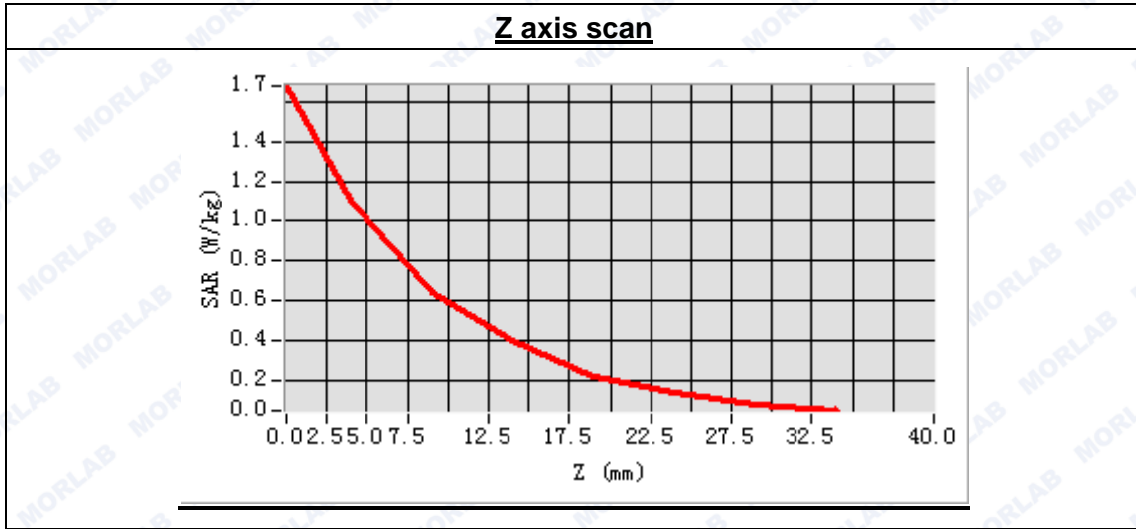




Maximum location: X=2.00, Y=-33.00

SAR Peak: 1.84 W/kg

SAR 10g (W/Kg)	0.607929
SAR 1g (W/Kg)	1.137589



**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: 2014.11.22

Measurement duration: 9 minutes 31 seconds

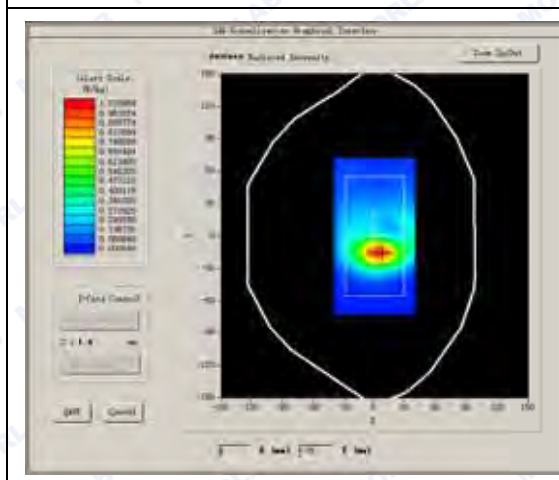
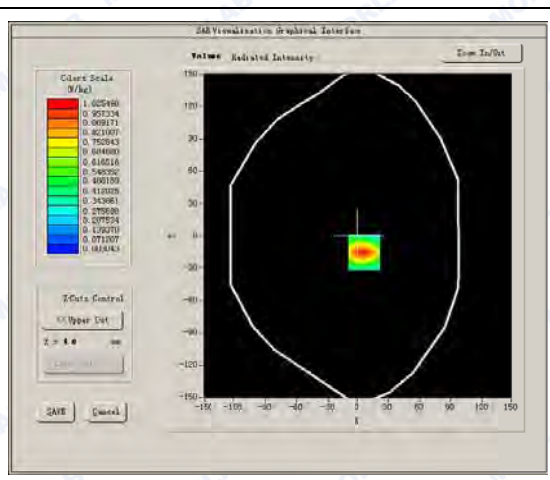
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-2.390000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

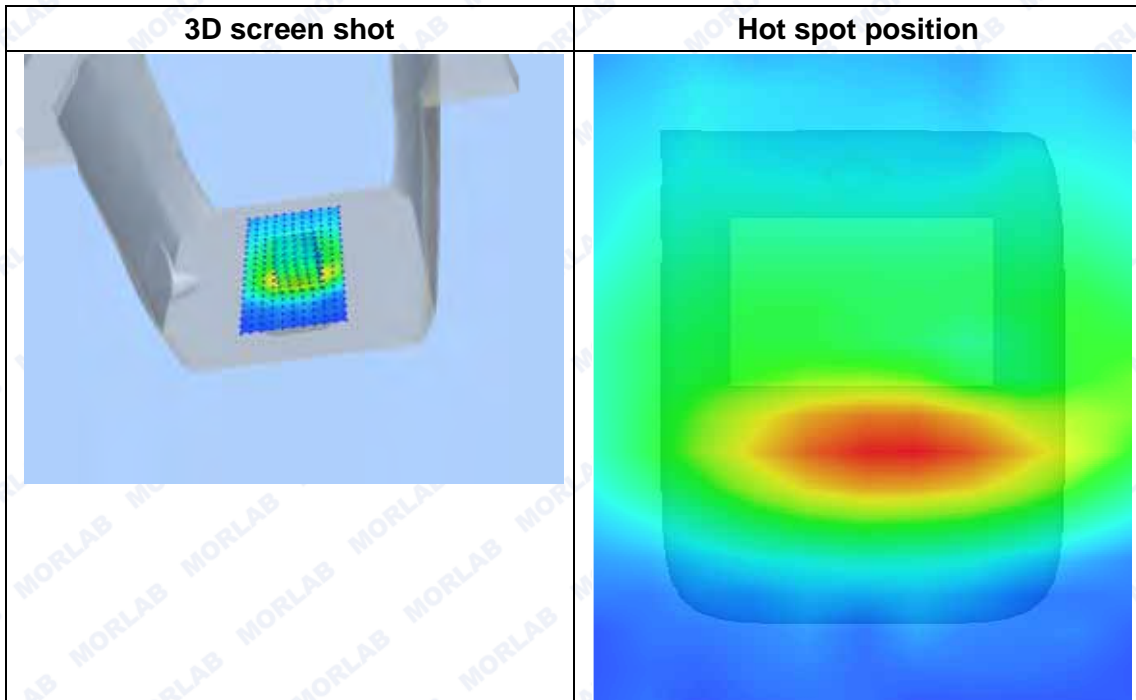
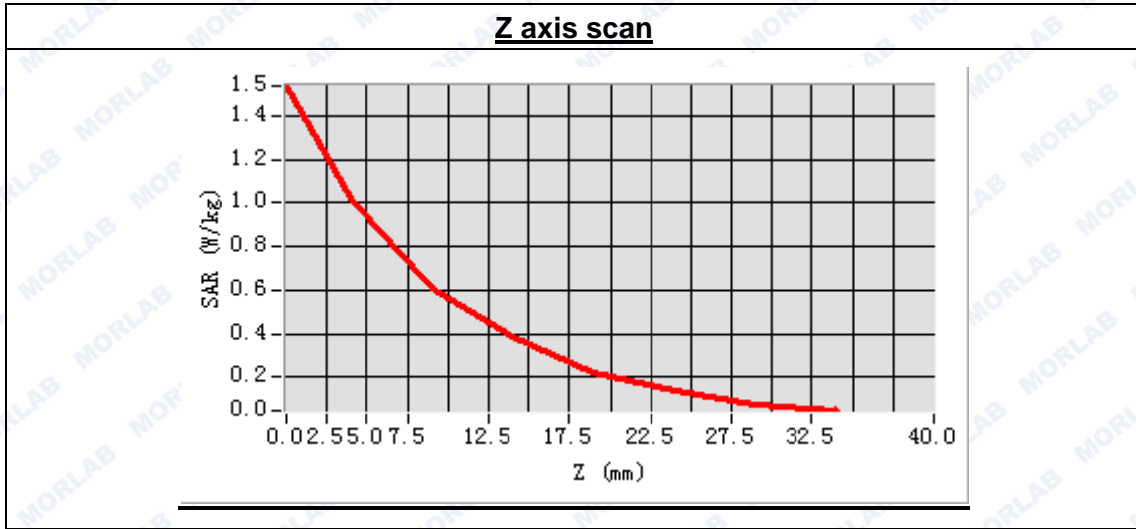
**SURFACE SAR****VOLUME SAR**



Maximum location: X=6.00, Y=-15.00

SAR Peak: 1.66 W/kg

SAR 10g (W/Kg)	0.570885
SAR 1g (W/Kg)	1.011691







**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: 2014.11.22  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

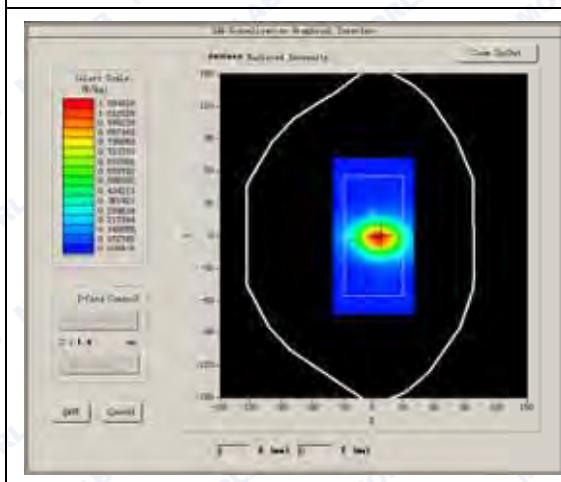
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

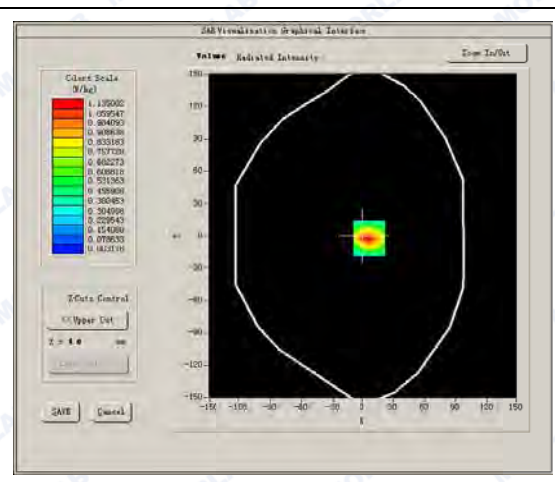
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-0.150000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

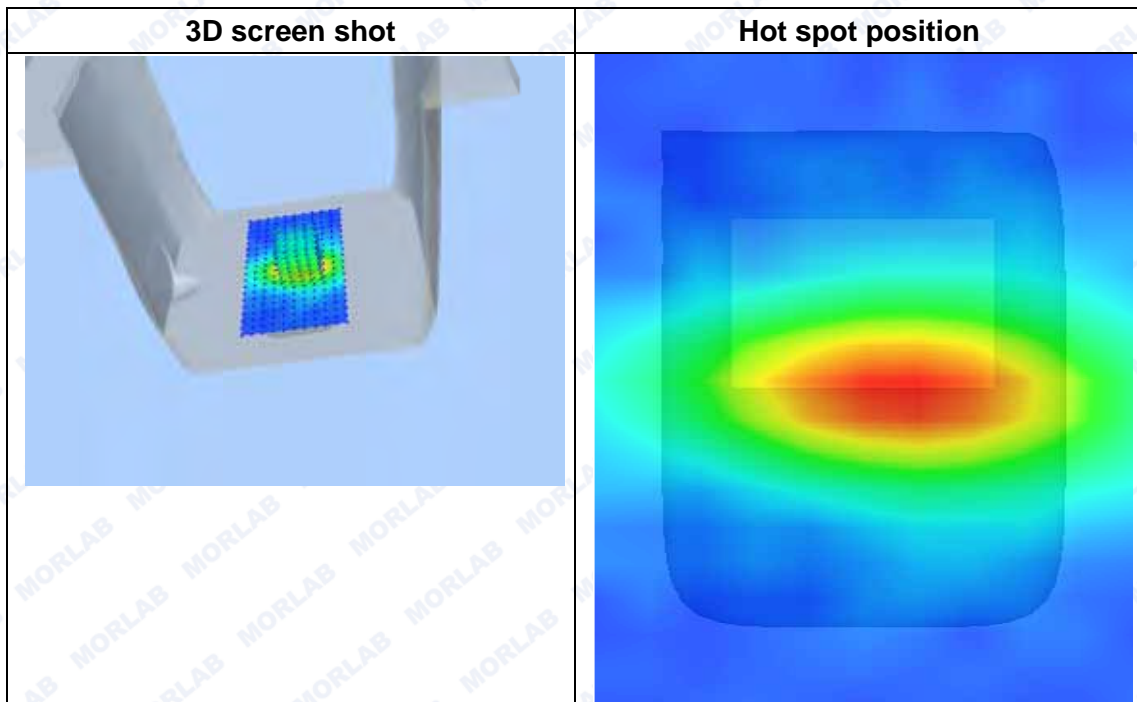
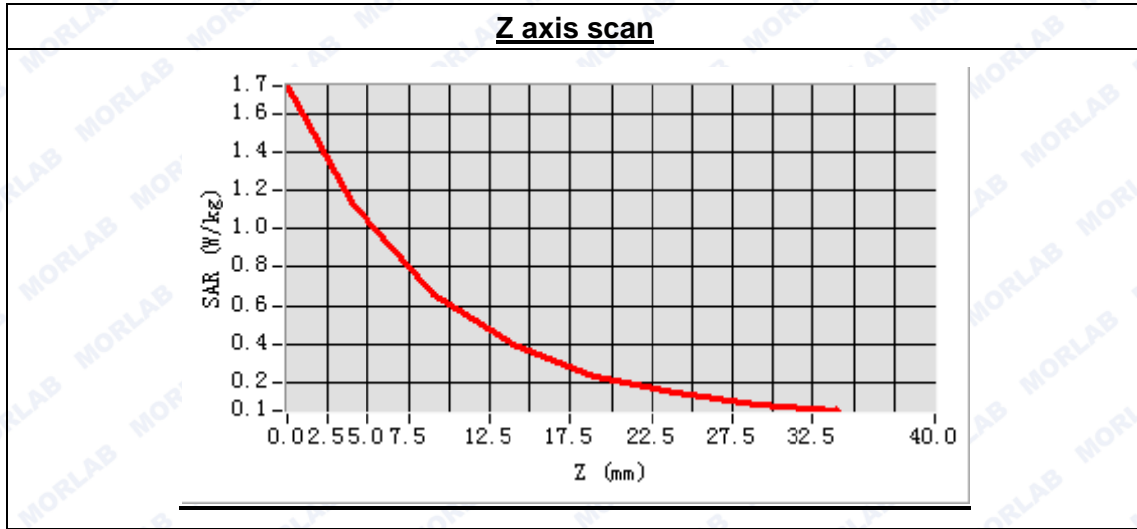




Maximum location: X=6.00, Y=-2.00

SAR Peak: 1.92 W/kg

SAR 10g (W/Kg)	0.604342
SAR 1g (W/Kg)	1.100660





**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

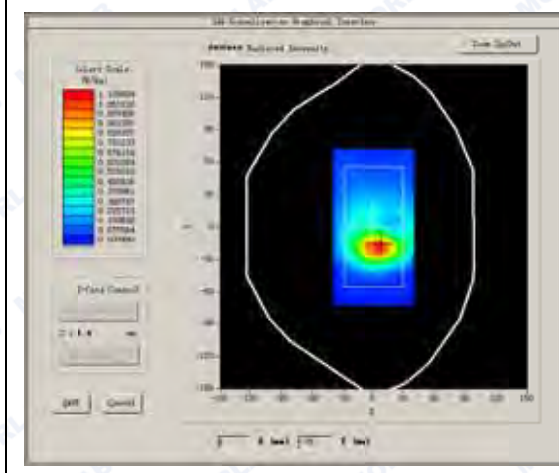
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	High
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

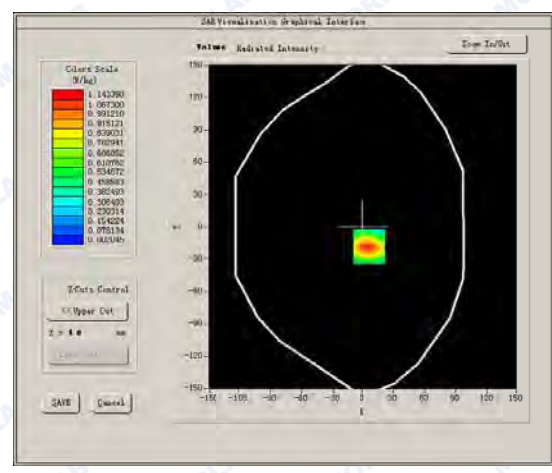
High Band SAR (Channel 21350):

Frequency (MHz)	2560.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-1.210000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

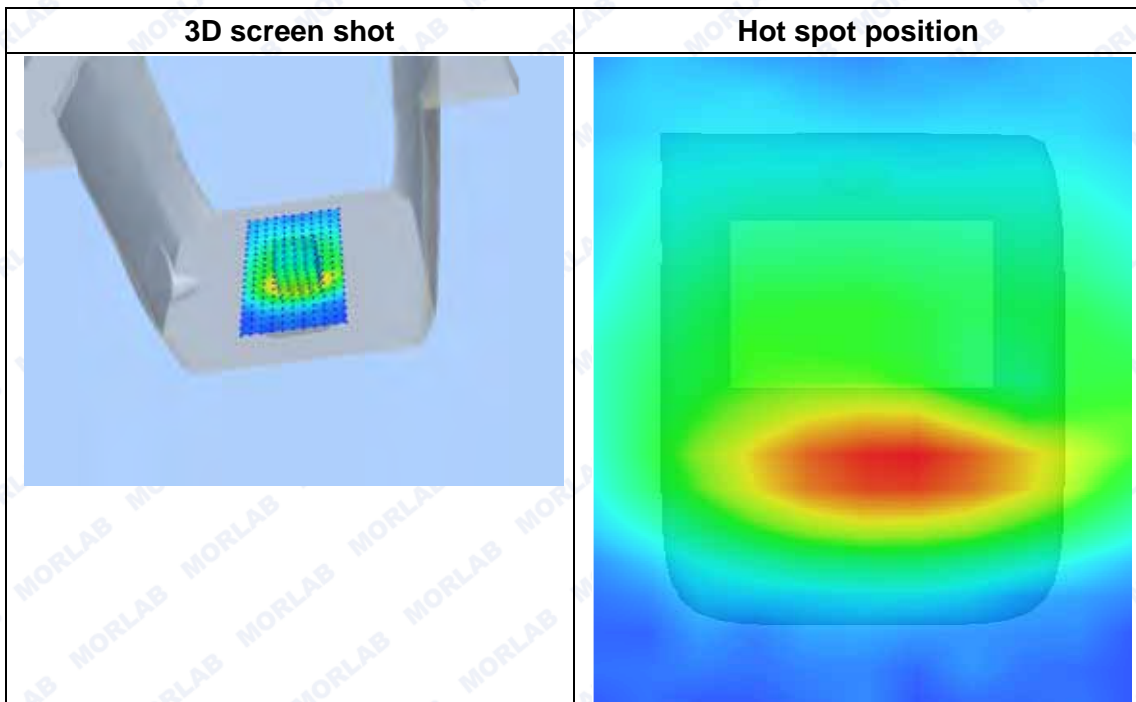
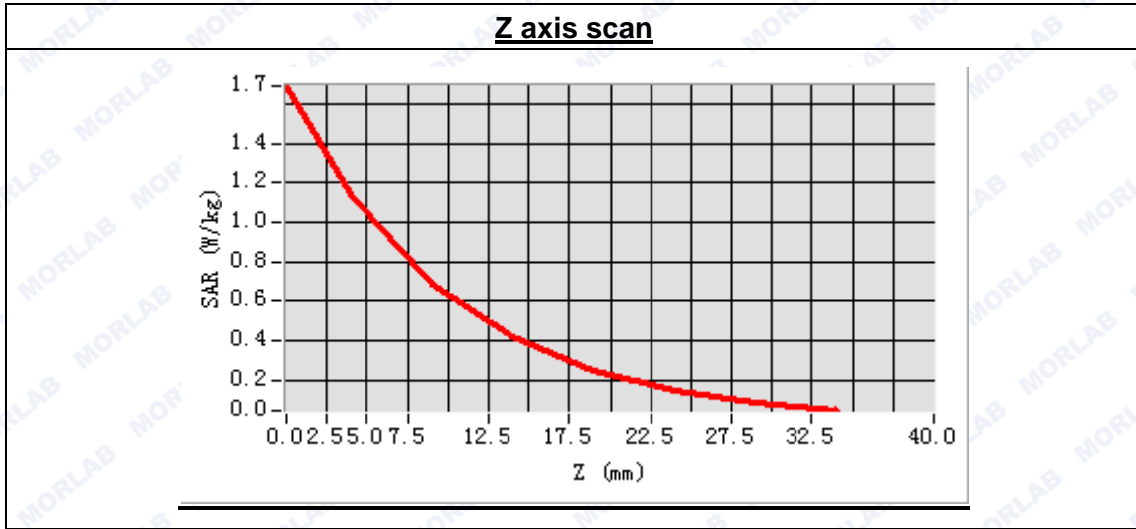




Maximum location: X=6.00, Y=-18.00

SAR Peak: 1.84 W/kg

SAR 10g (W/Kg)	0.630309
SAR 1g (W/Kg)	1.123659





**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: 2014.11.22  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

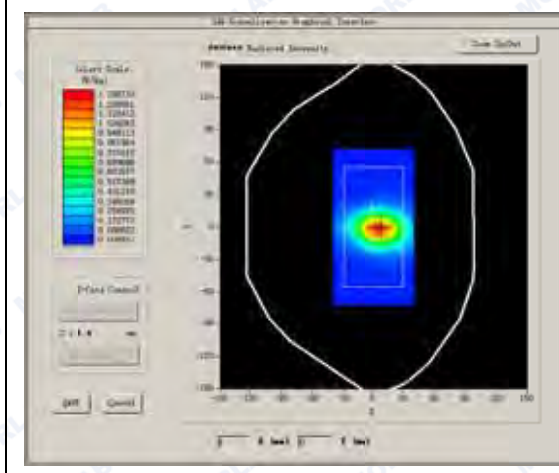
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

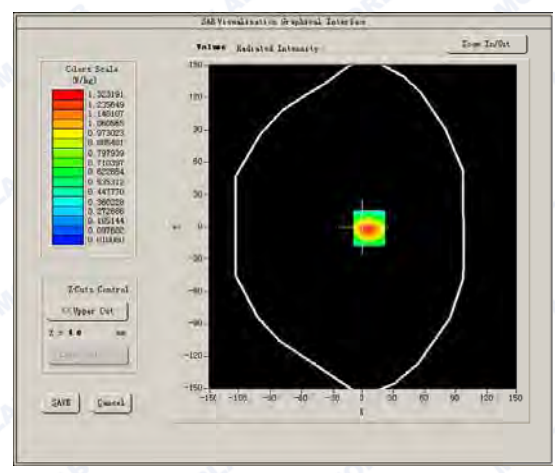
Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	1.120000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

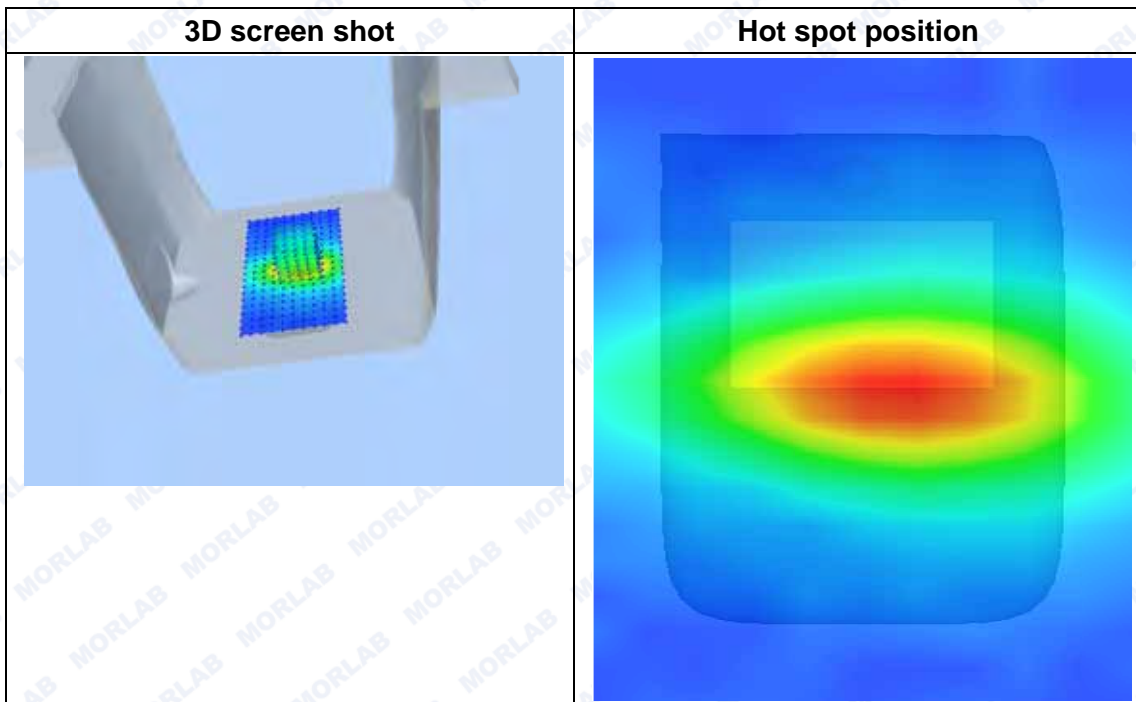
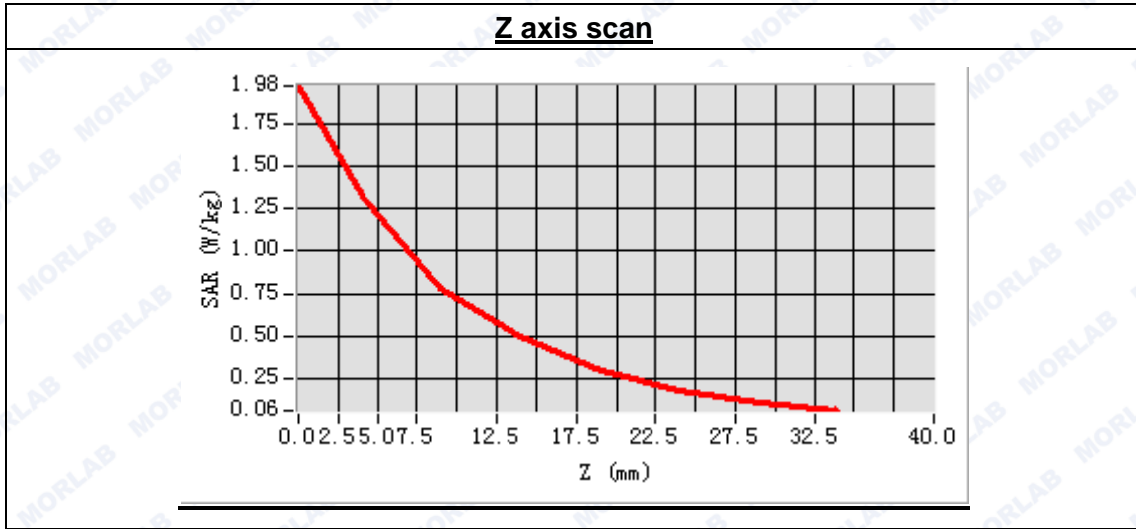




Maximum location: X=6.00, Y=-1.00

SAR Peak: 2.15 W/kg

SAR 10g (W/Kg)	0.737806
SAR 1g (W/Kg)	1.114225





**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: 2014.11.22  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

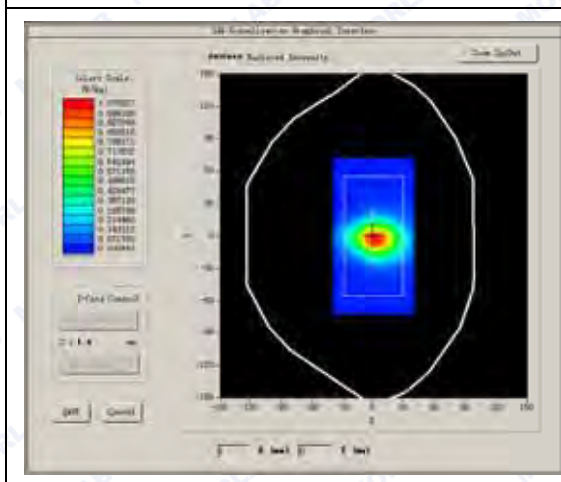
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

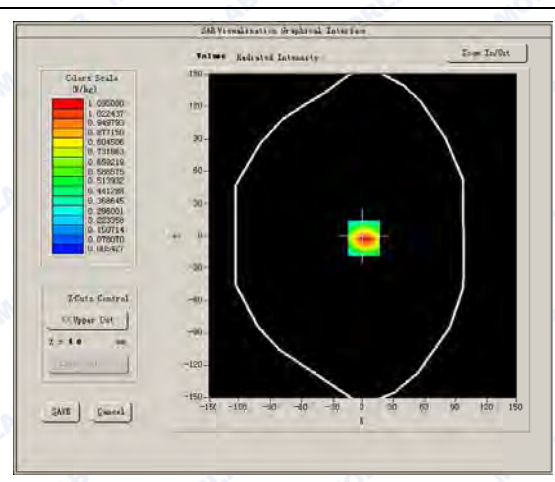
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-0.150000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

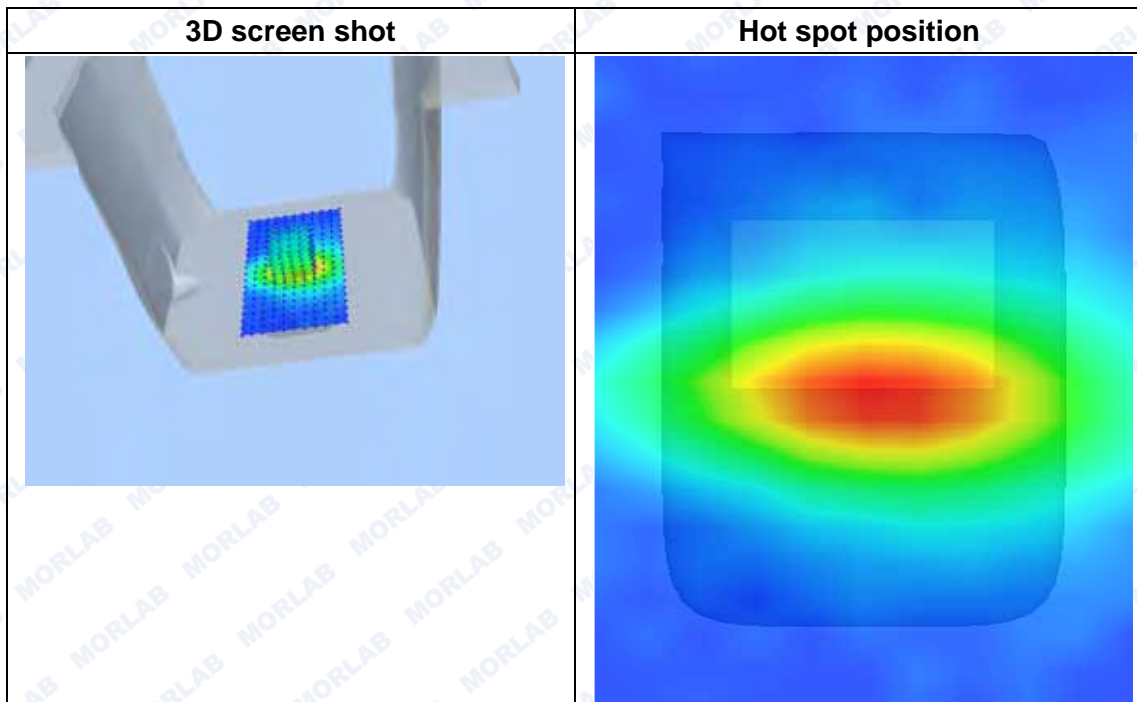
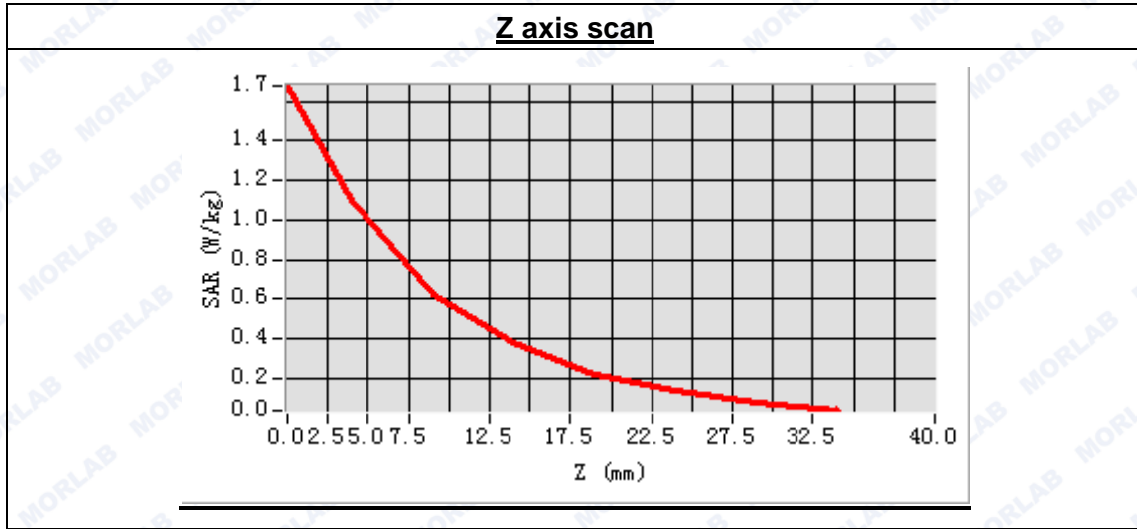




Maximum location: X=1.00, Y=-2.00

SAR Peak: 1.84 W/kg

SAR 10g (W/Kg)	0.642543
SAR 1g (W/Kg)	1.254183







**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

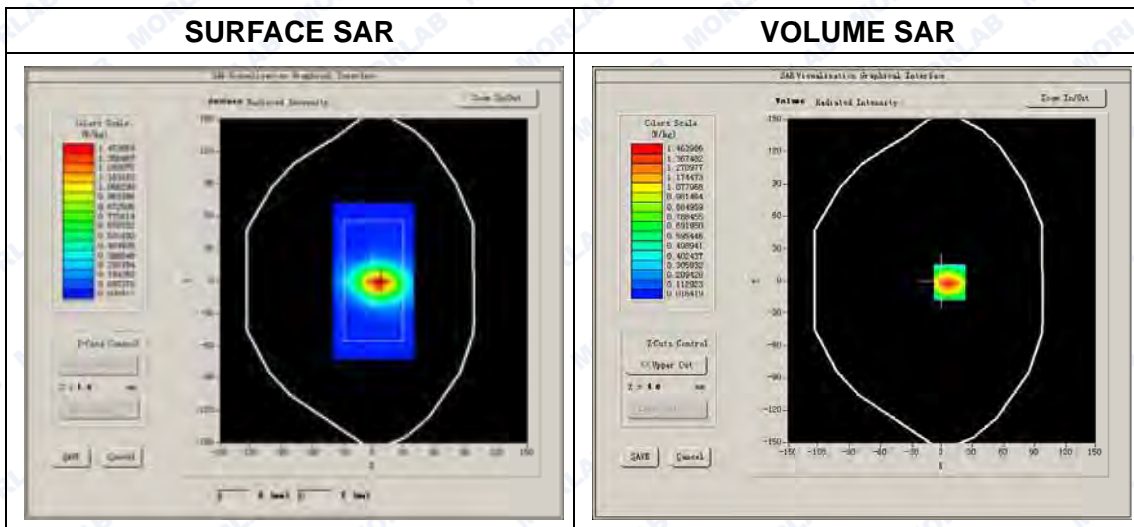
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	High
<b>Signal</b>	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

High Band SAR (Channel 21350):

<b>Frequency (MHz)</b>	2560.000000
<b>Relative permittivity (real part)</b>	52.790349
<b>Conductivity (S/m)</b>	1.916875
<b>Power drift (%)</b>	-3.660000
<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

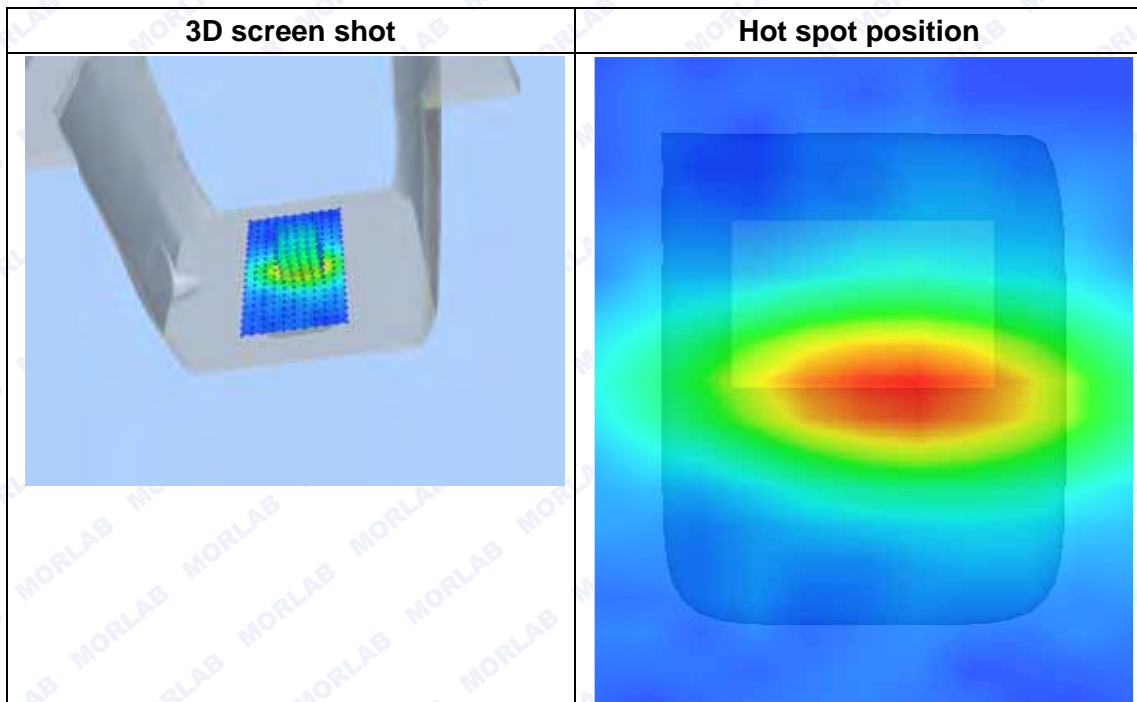
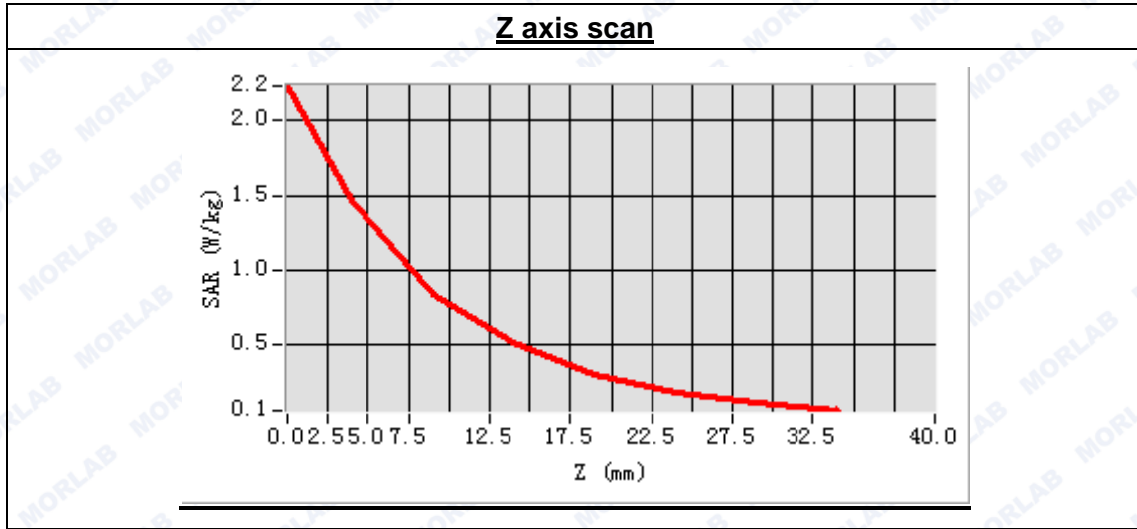




Maximum location: X=7.00, Y=-1.00

SAR Peak: 2.43 W/kg

SAR 10g (W/Kg)	0.789516
SAR 1g (W/Kg)	1.192161





**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: 2014.11.22  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

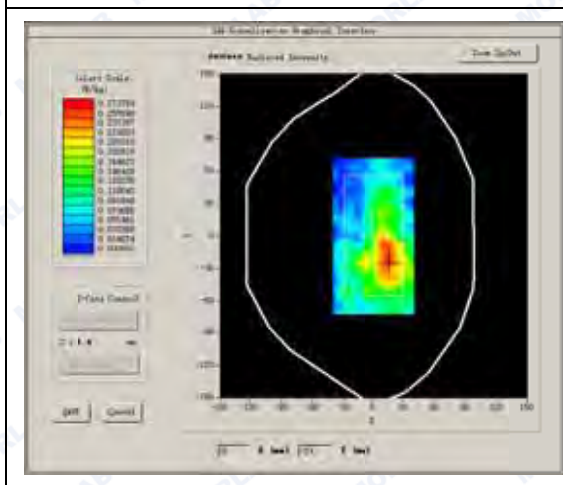
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

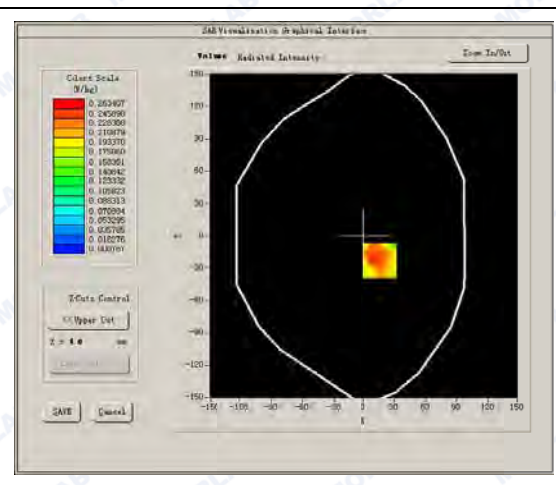
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	0.350000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

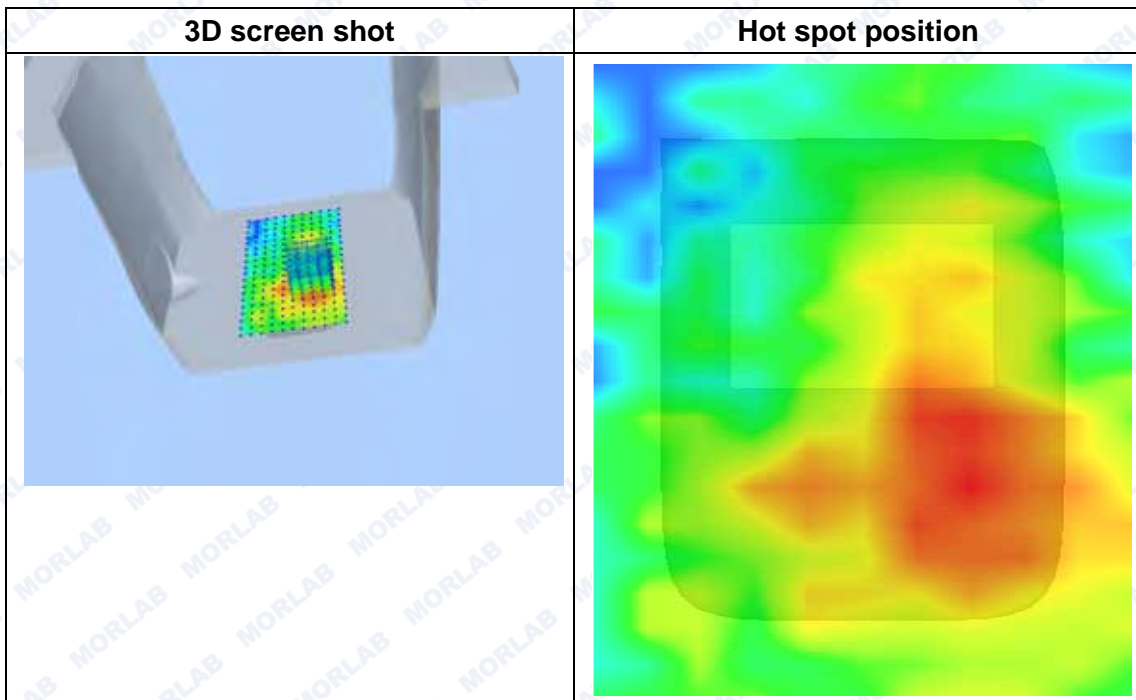
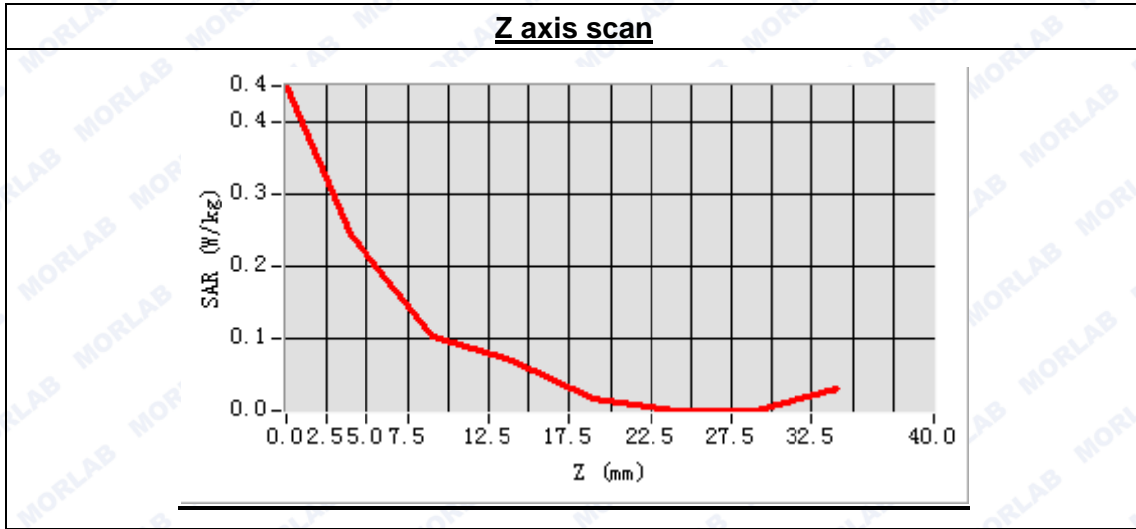




Maximum location: X=16.00, Y=-23.00

SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)	0.129073
SAR 1g (W/Kg)	0.263534



**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: 2014.11.22  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

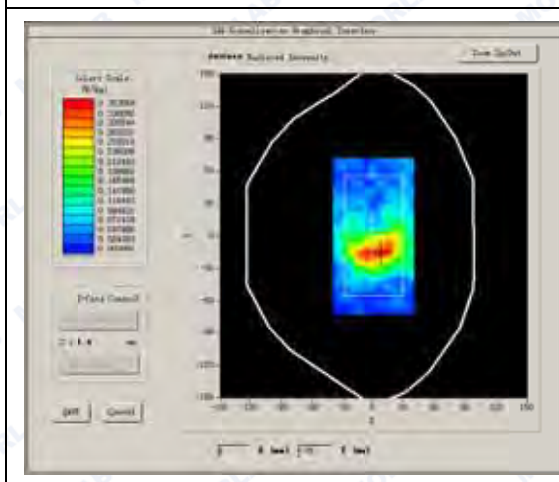
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 49

**B. SAR Measurement Results**

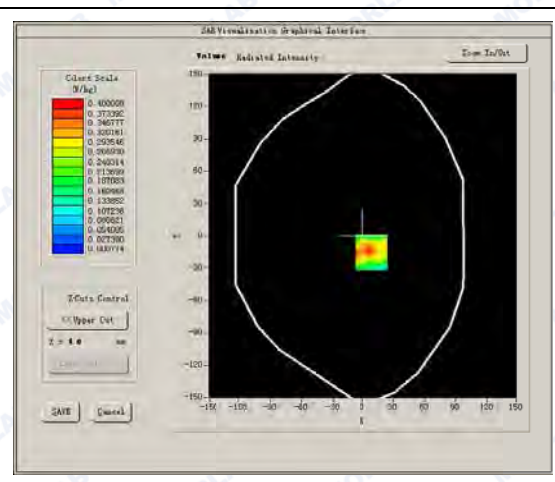
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.790349
<b>Conductivity (S/m)</b>	1.916875
<b>Power drift (%)</b>	-1.010000
<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

**SURFACE SAR**



**VOLUME SAR**

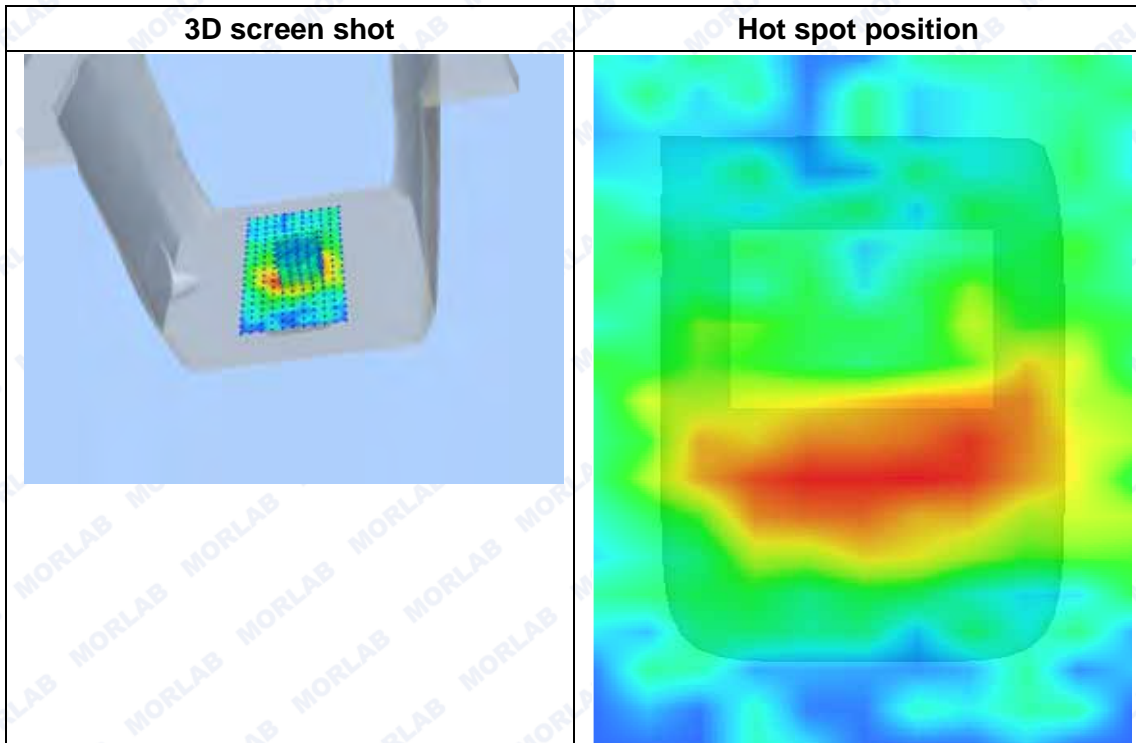
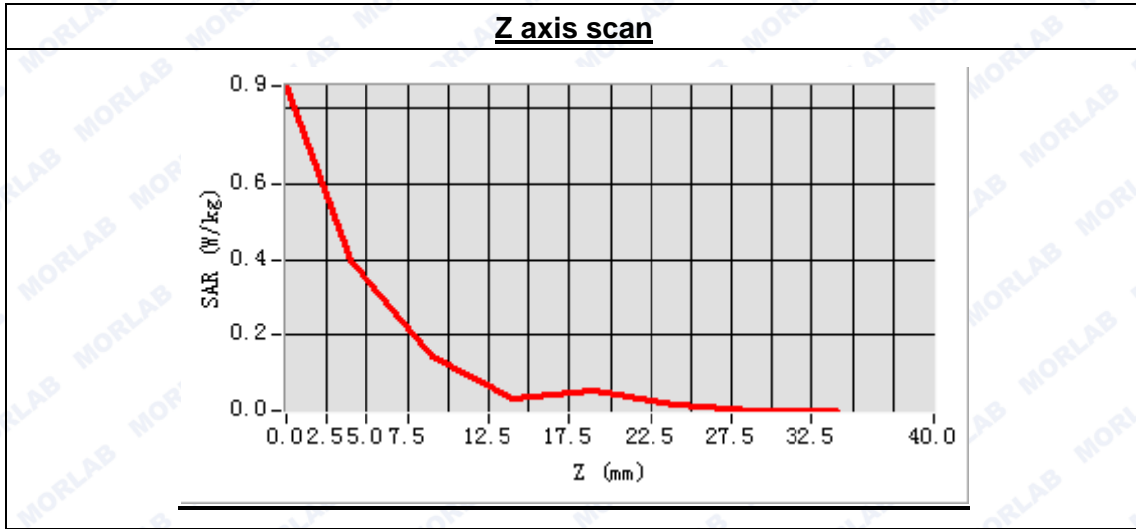




Maximum location: X=8.00, Y=-15.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.179883
SAR 1g (W/Kg)	0.427133





**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

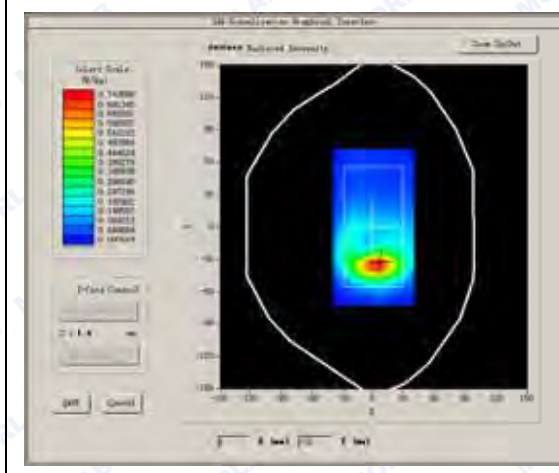
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

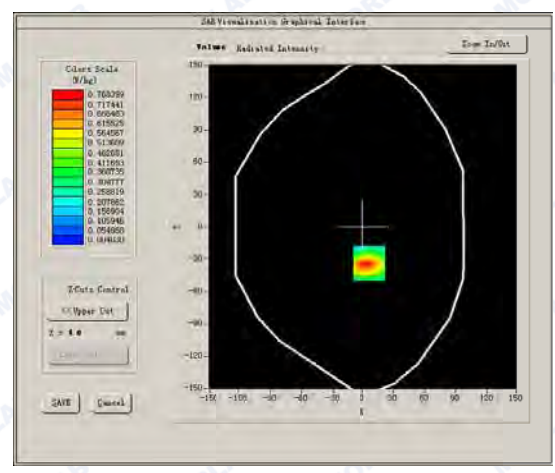
Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-4.580000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

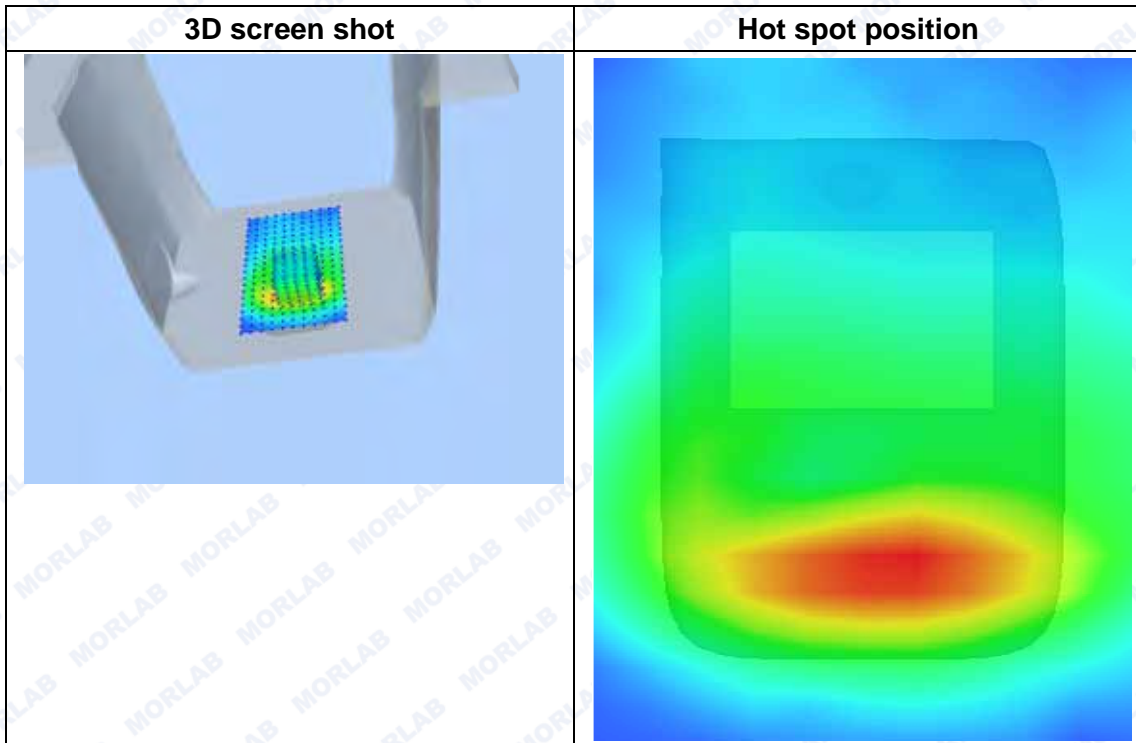
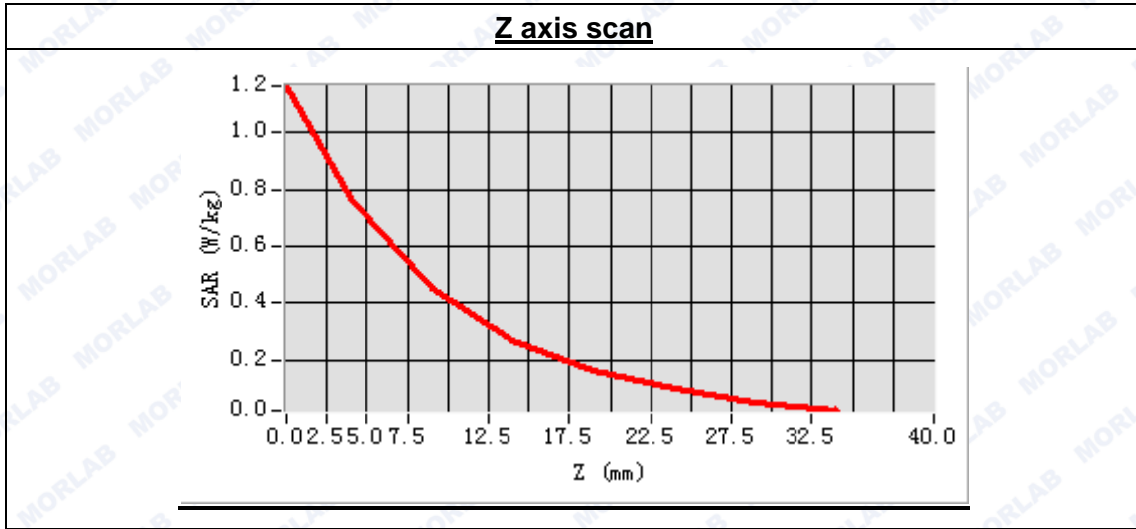




Maximum location: X=6.00, Y=-34.00

SAR Peak: 1.28 W/kg

SAR 10g (W/Kg)	0.451360
SAR 1g (W/Kg)	0.801687







**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

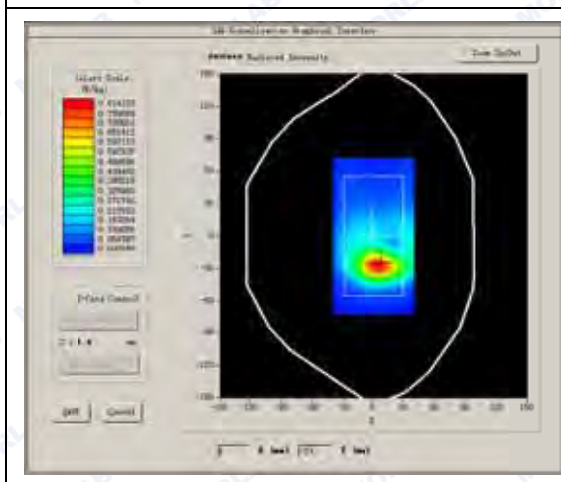
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

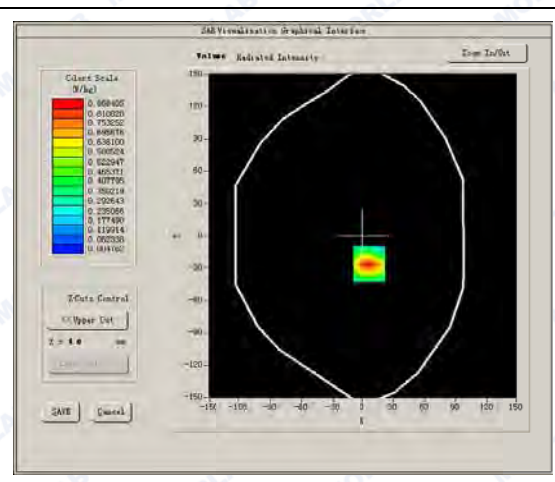
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-3.890000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

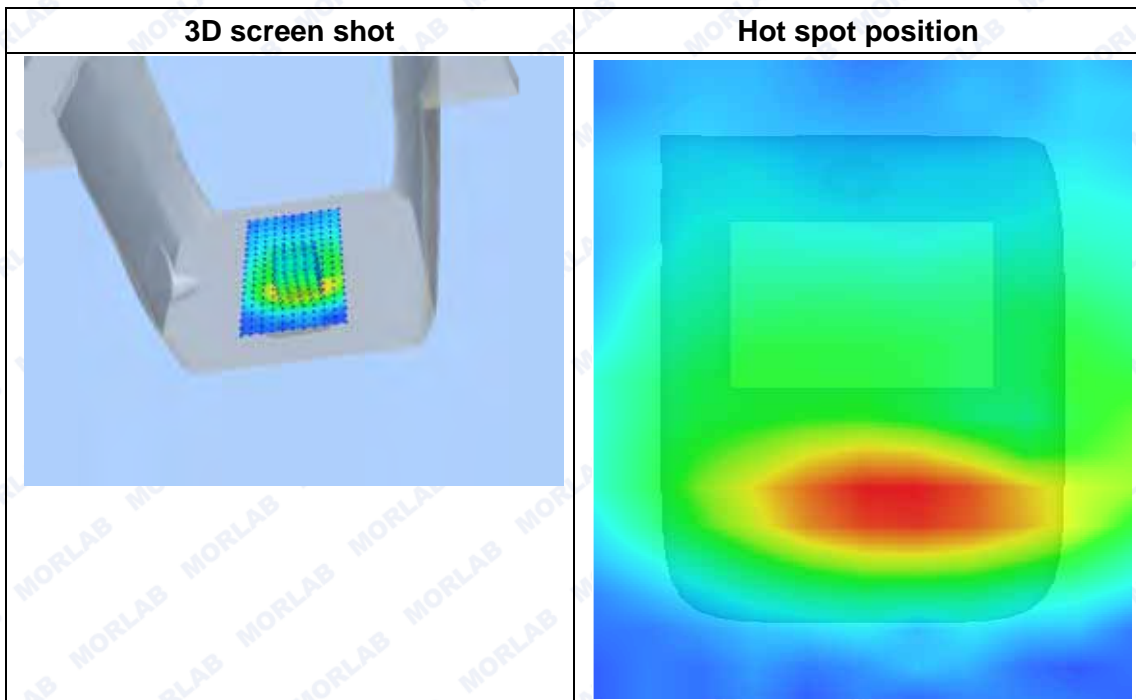
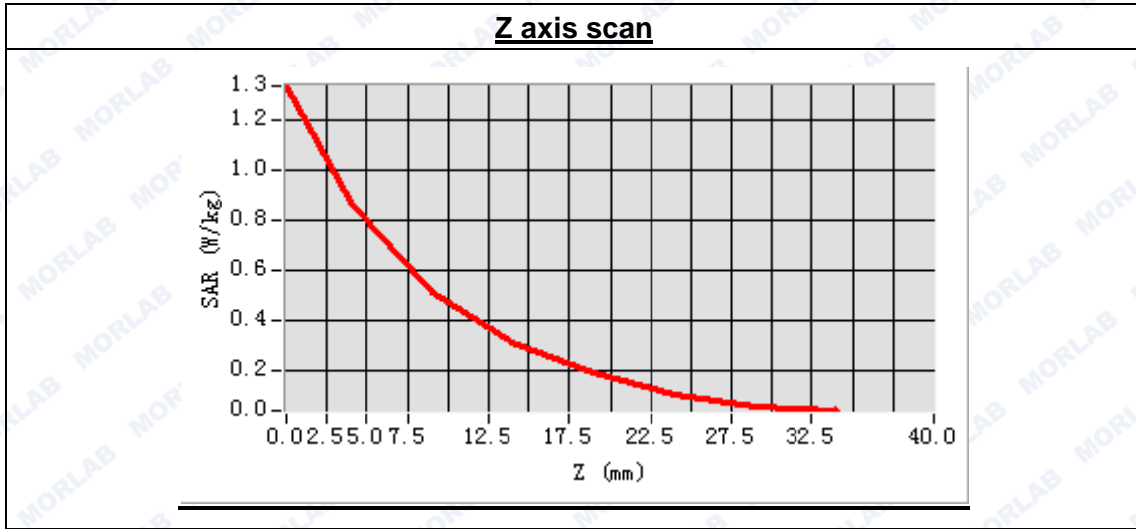




Maximum location: X=6.00, Y=-26.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.467356
SAR 1g (W/Kg)	0.849112





**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: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

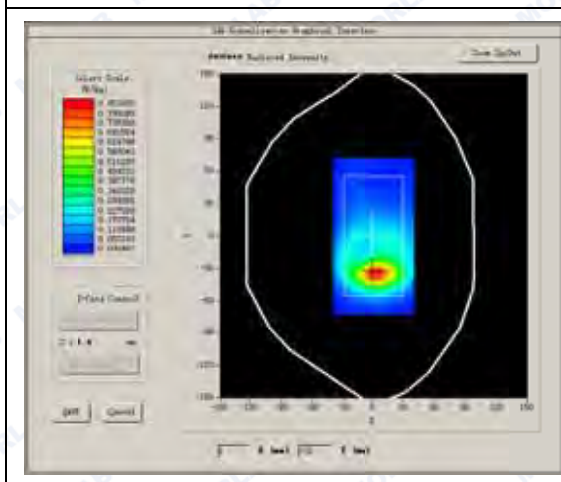
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	High
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

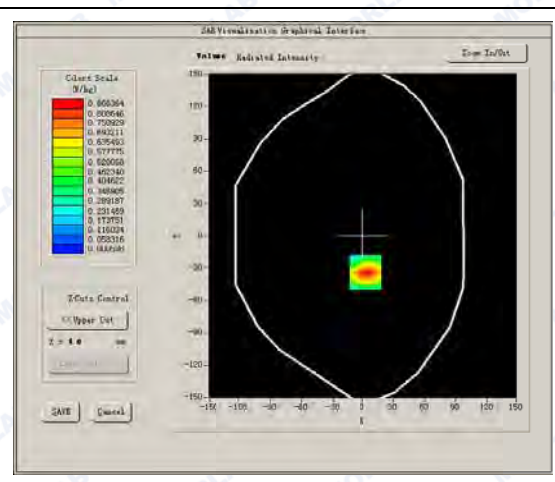
High Band SAR (Channel 21350):

Frequency (MHz)	2560.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-2.930000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

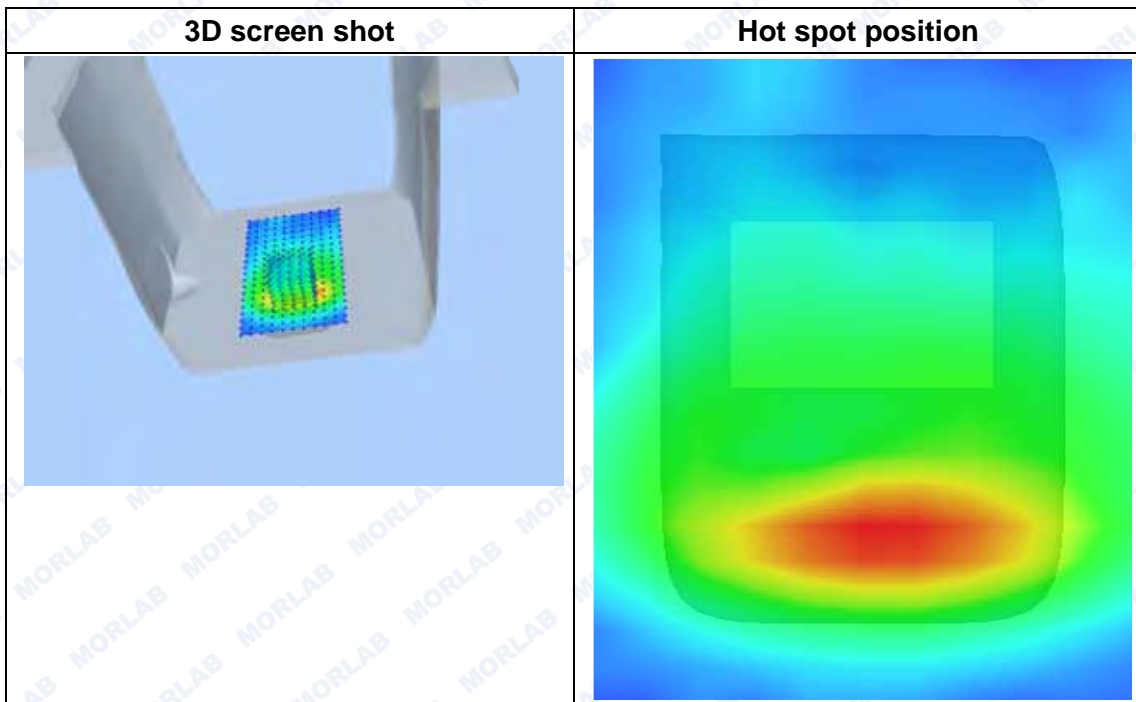
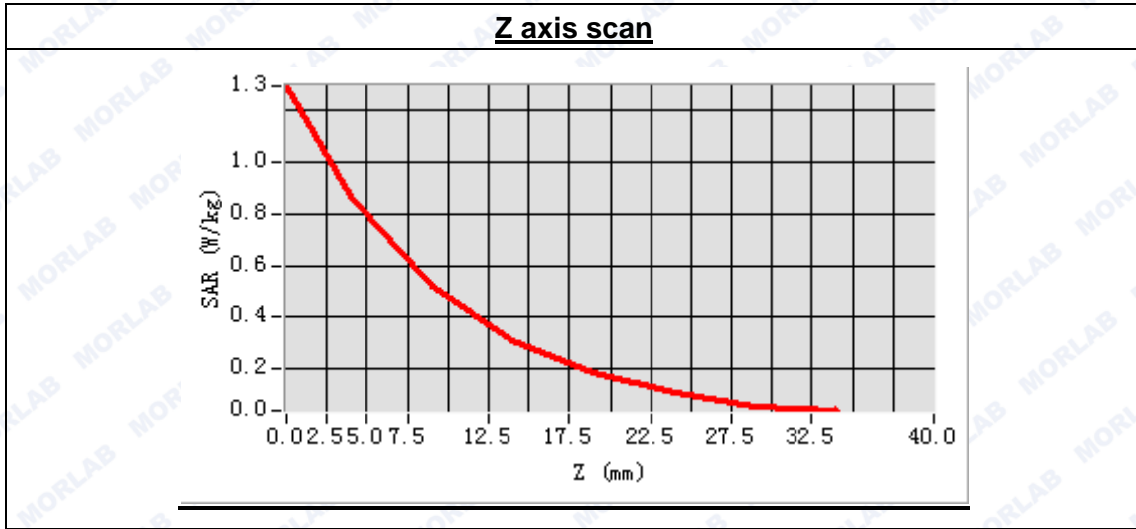




Maximum location: X=2.00, Y=-34.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.470674
SAR 1g (W/Kg)	0.875413



**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: 2014.11.22

Measurement duration: 9 minutes 35 seconds

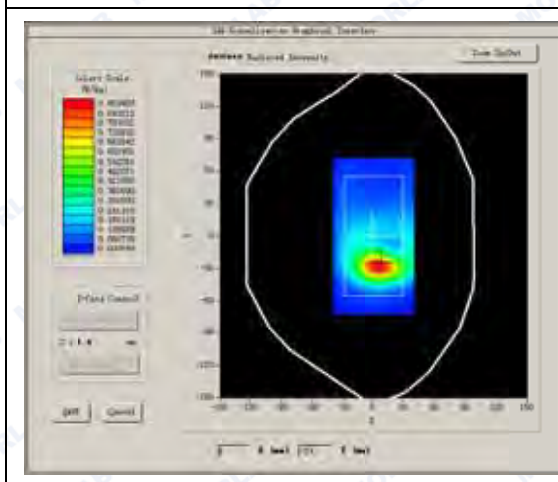
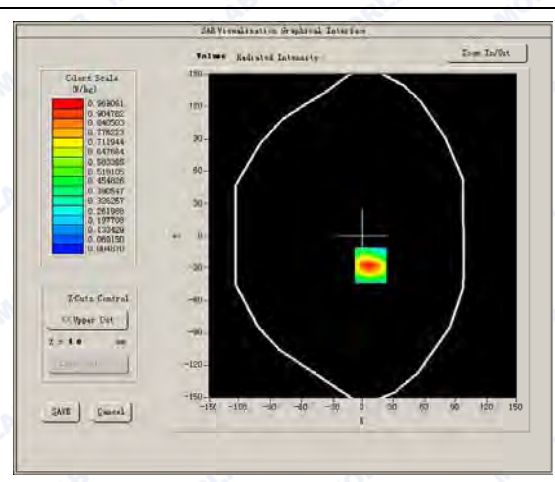
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-4.500000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

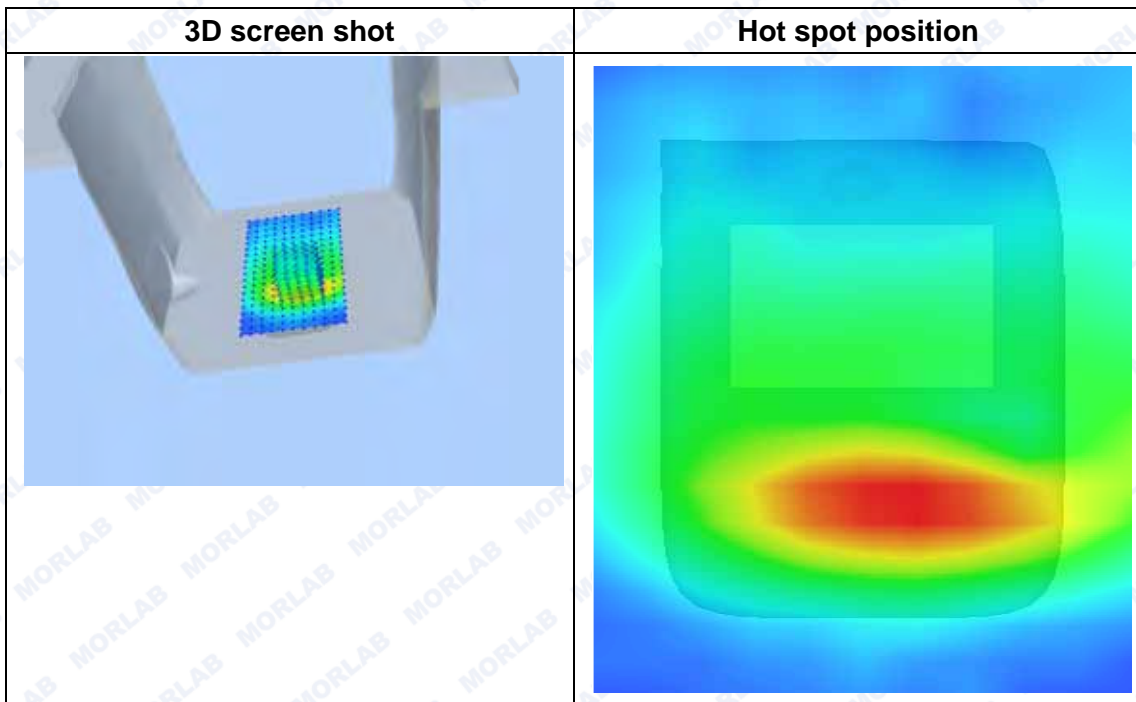
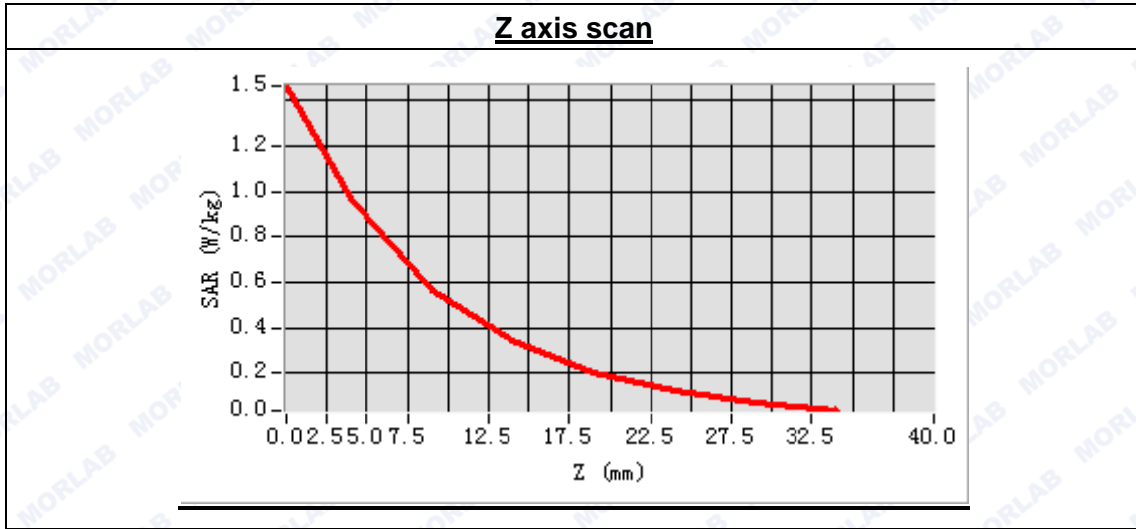
**SURFACE SAR****VOLUME SAR**



Maximum location: X=7.00, Y=-27.00

SAR Peak: 1.49 W/kg

SAR 10g (W/Kg)	0.416953
SAR 1g (W/Kg)	0.735047





**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: 2014.11.22  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

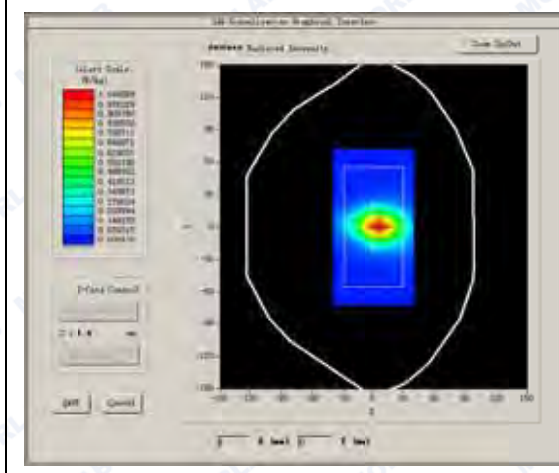
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

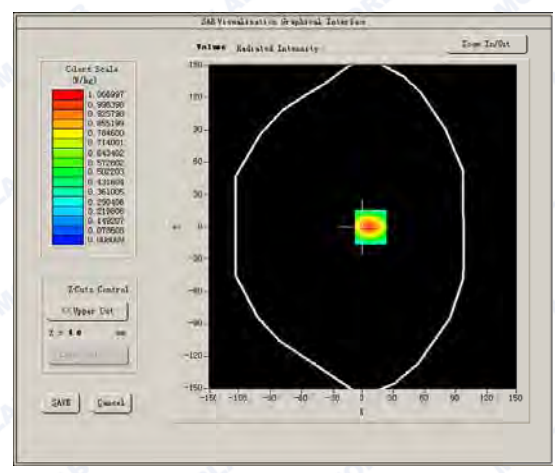
Low Band SAR (Channel 20850):

<b>Frequency (MHz)</b>	2510.000000
<b>Relative permittivity (real part)</b>	52.790349
<b>Conductivity (S/m)</b>	1.916875
<b>Power drift (%)</b>	-2.290000
<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

**SURFACE SAR**



**VOLUME SAR**

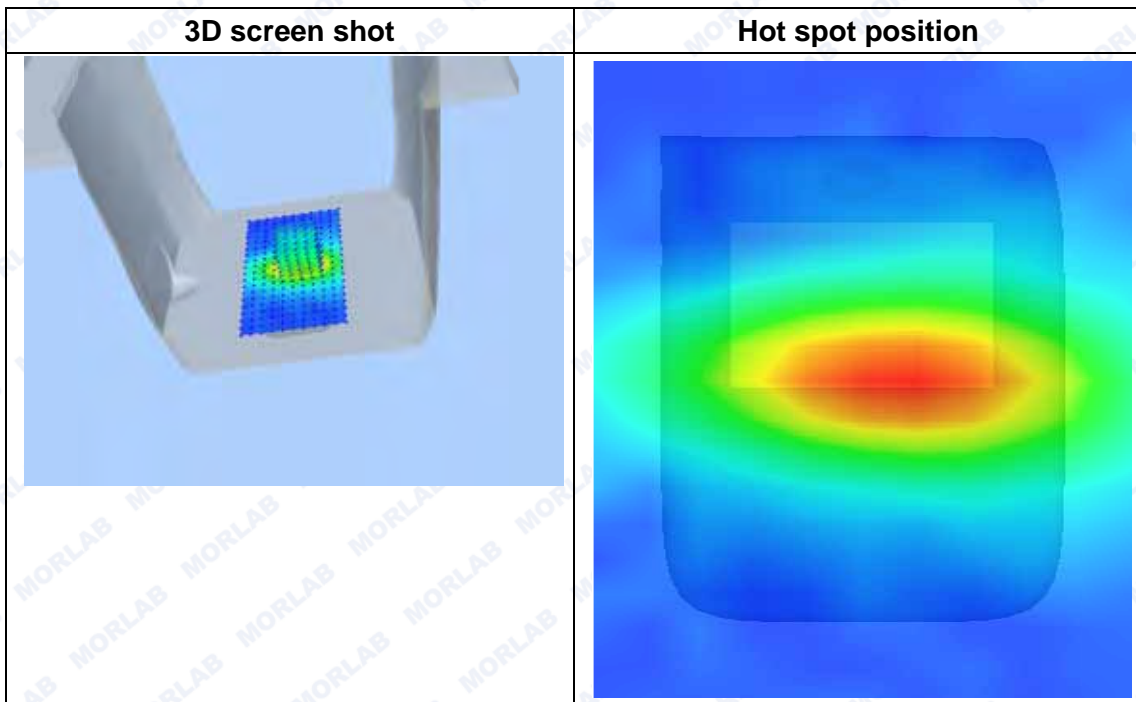
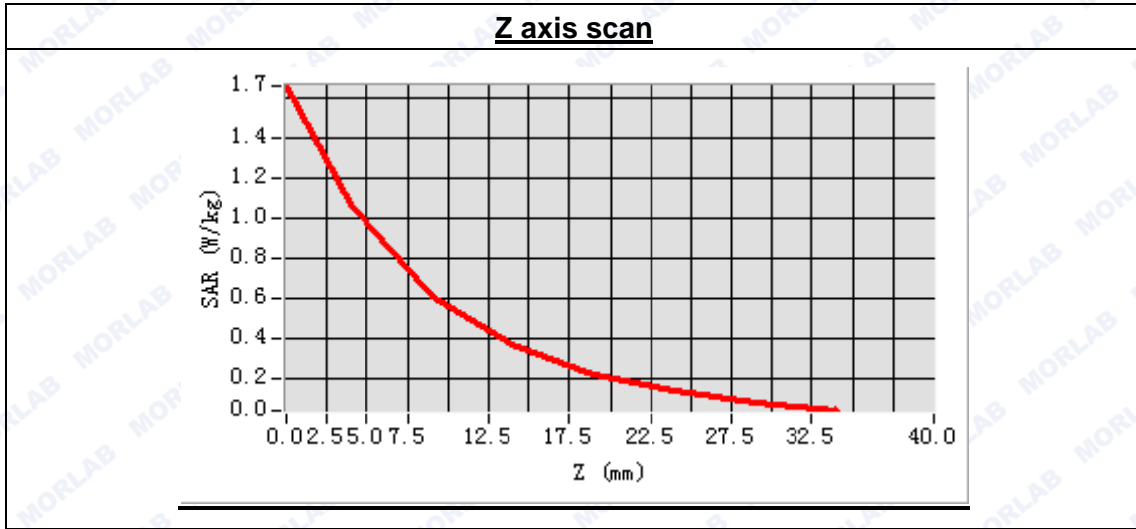




Maximum location: X=7.00, Y=0.00

SAR Peak: 1.79 W/kg

SAR 10g (W/Kg)	0.553547
SAR 1g (W/Kg)	0.987108





**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: 2014.11.22

Measurement duration: 9 minutes 35 seconds

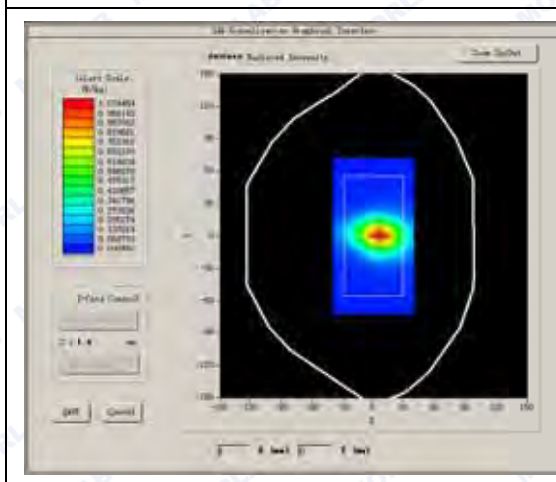
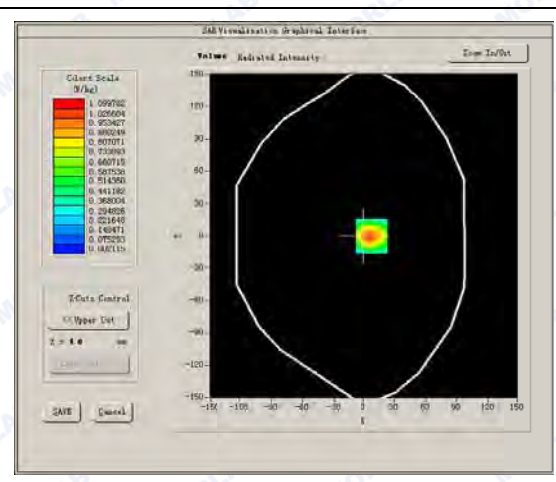
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-0.150000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

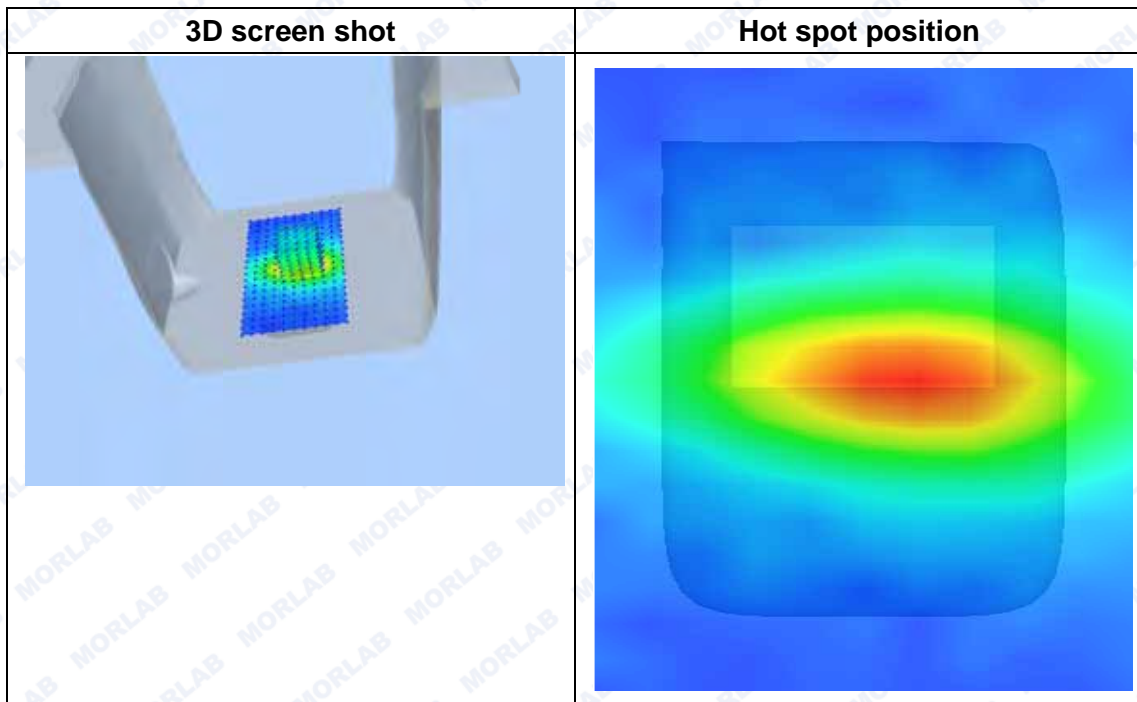
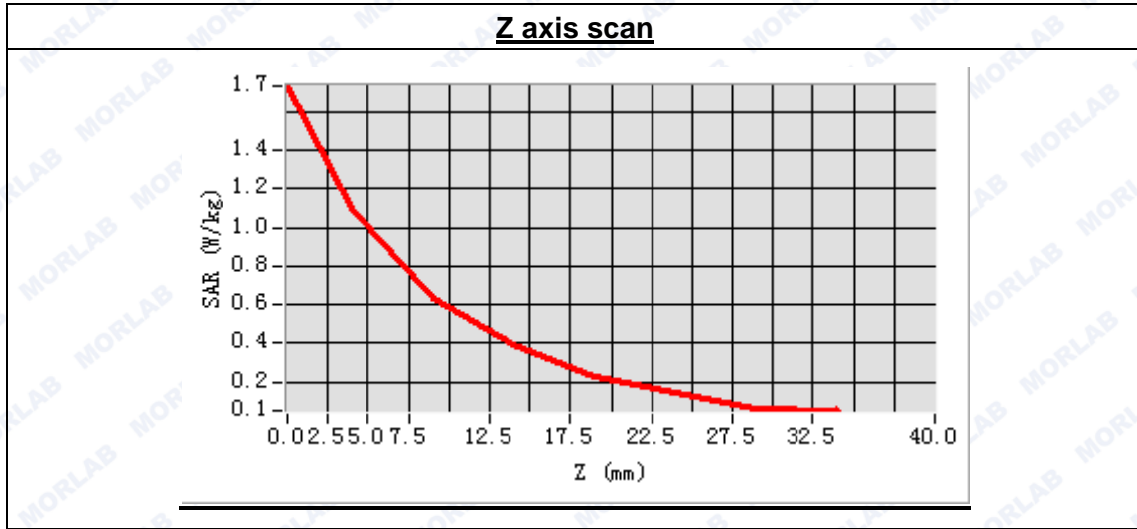
**SURFACE SAR****VOLUME SAR**



Maximum location: X=7.00, Y=0.00

SAR Peak: 1.66 W/kg

SAR 10g (W/Kg)	0.442084
SAR 1g (W/Kg)	0.883957





**MEASUREMENT 70**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

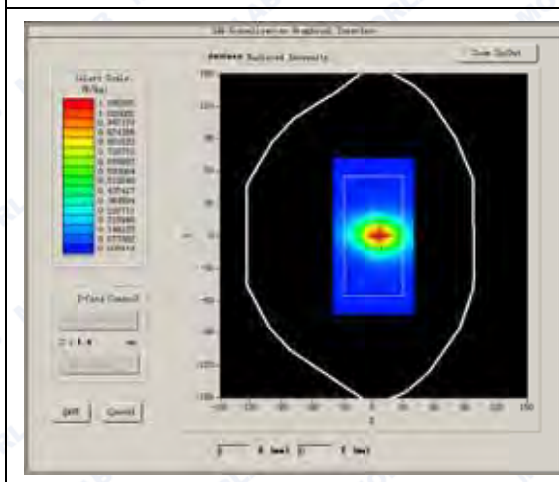
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	High
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

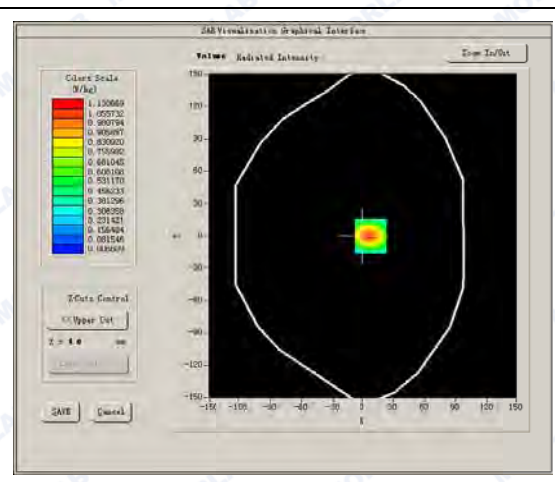
High Band SAR (Channel 21350):

Frequency (MHz)	2560.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-1.070000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

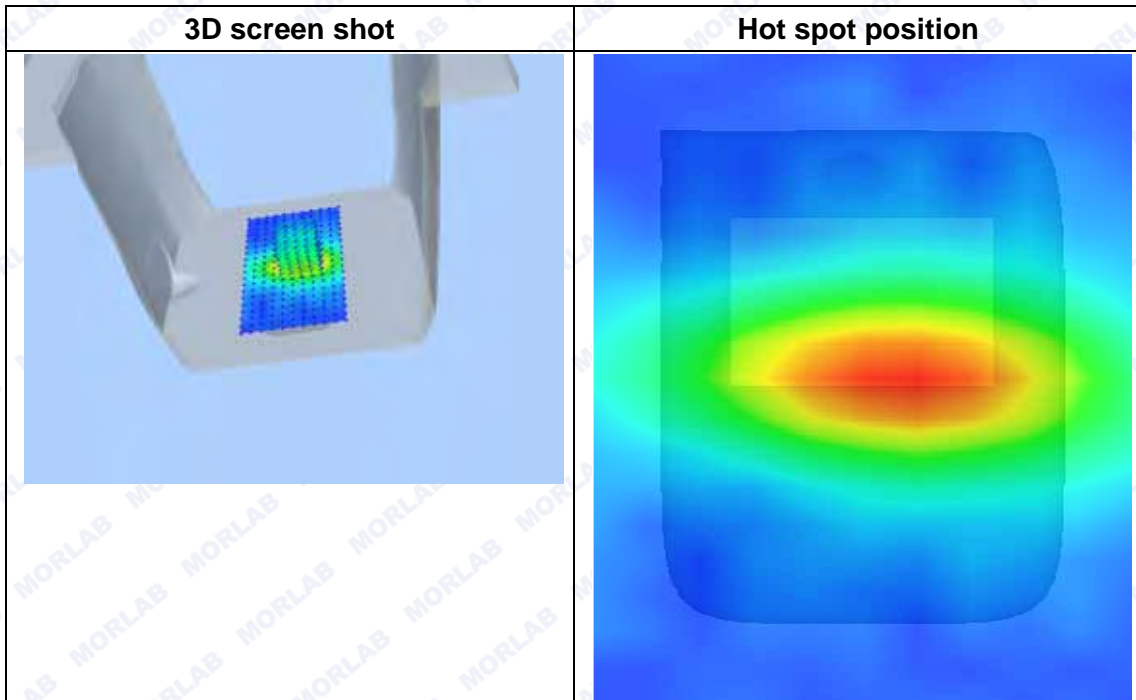
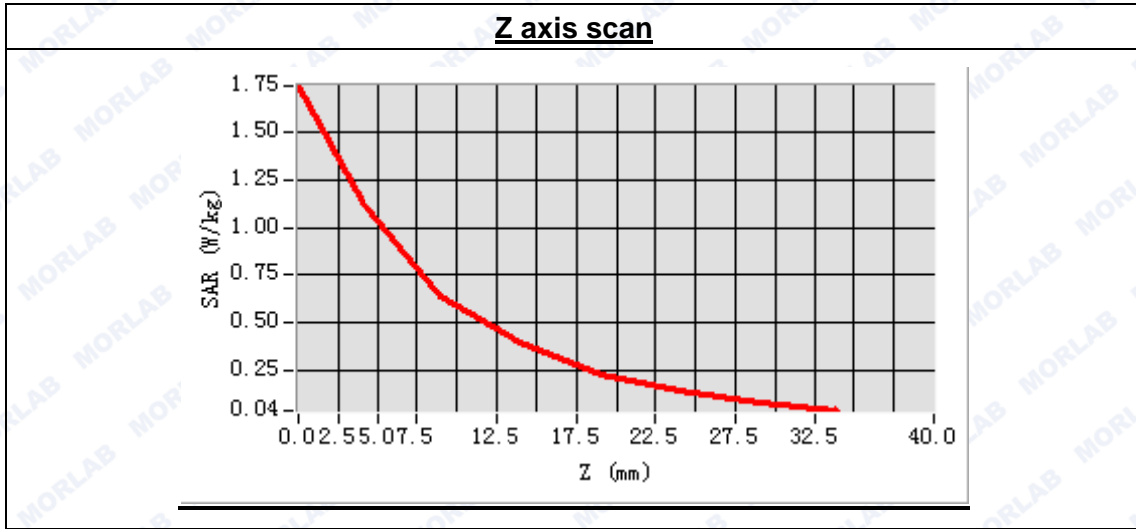




Maximum location: X=7.00, Y=0.00

SAR Peak: 1.89 W/kg

SAR 10g (W/Kg)	0.506138
SAR 1g (W/Kg)	1.083855





**MEASUREMENT 71**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

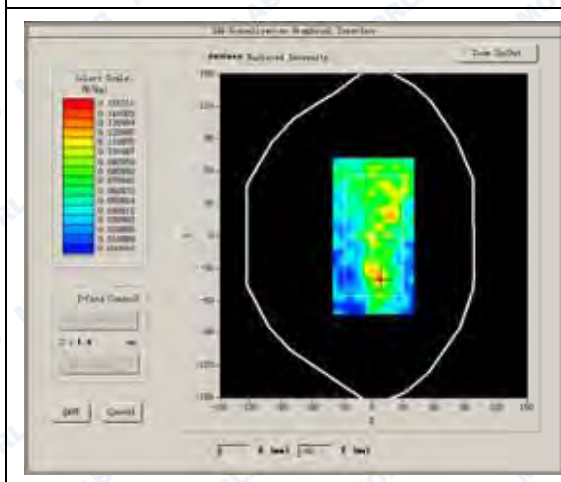
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

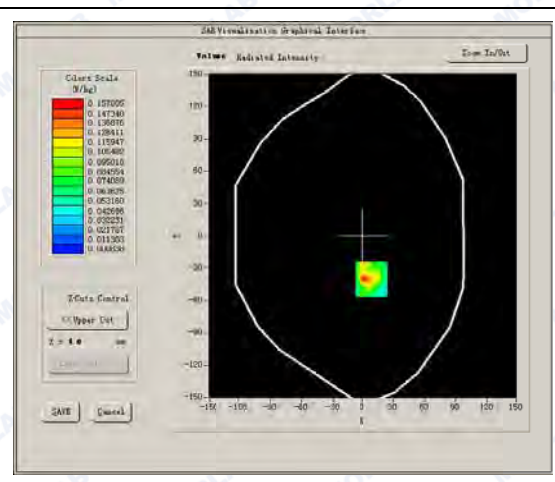
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-2.290000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

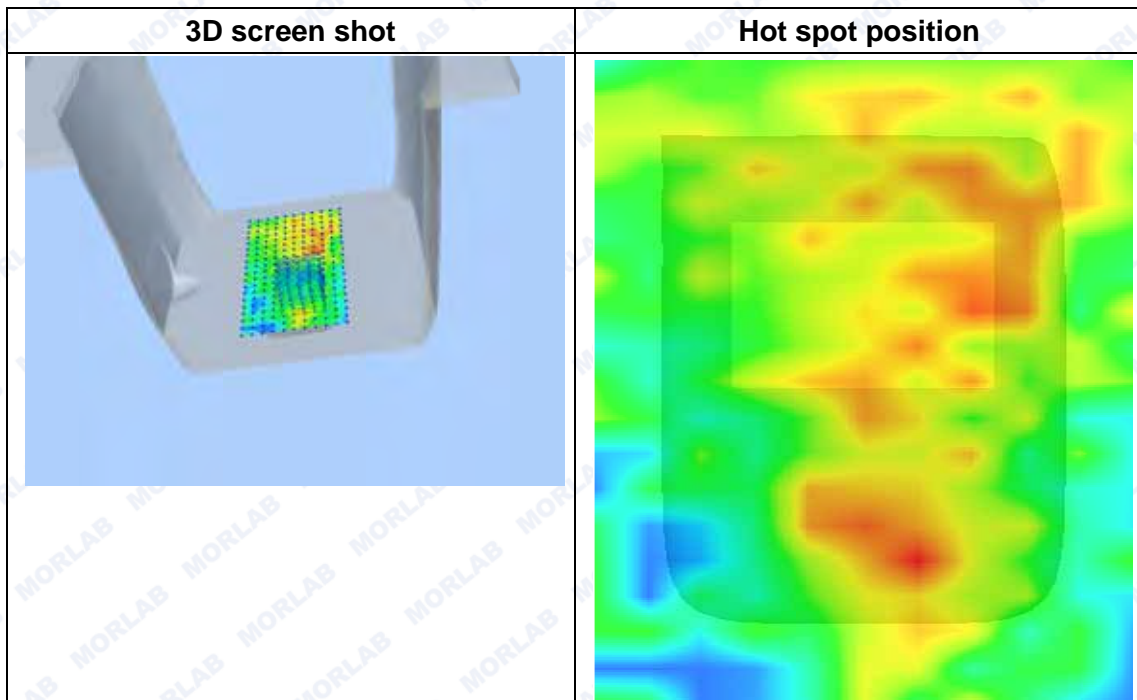
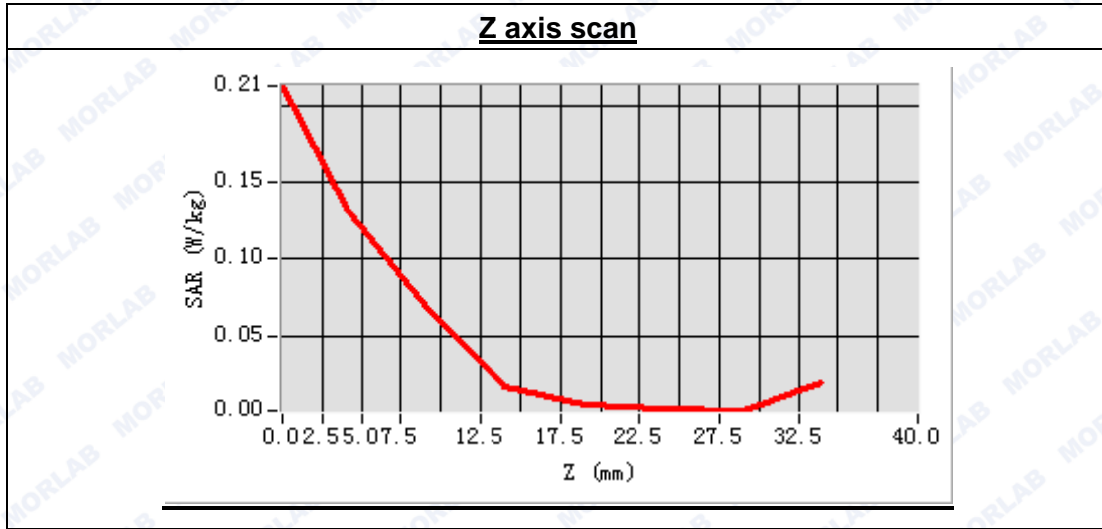




Maximum location: X=8.00, Y=-40.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.063613
SAR 1g (W/Kg)	0.157634





**MEASUREMENT 72**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

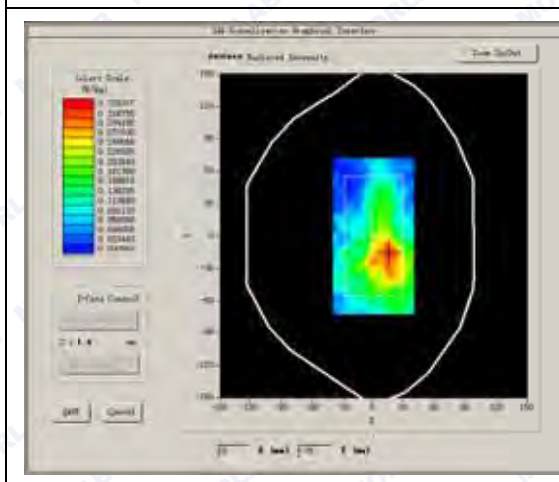
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

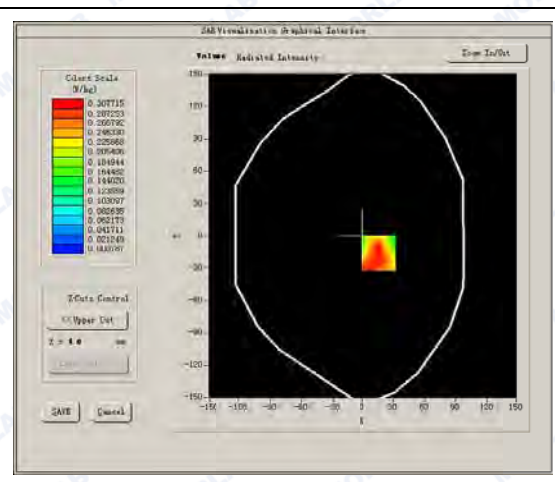
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-0.460000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

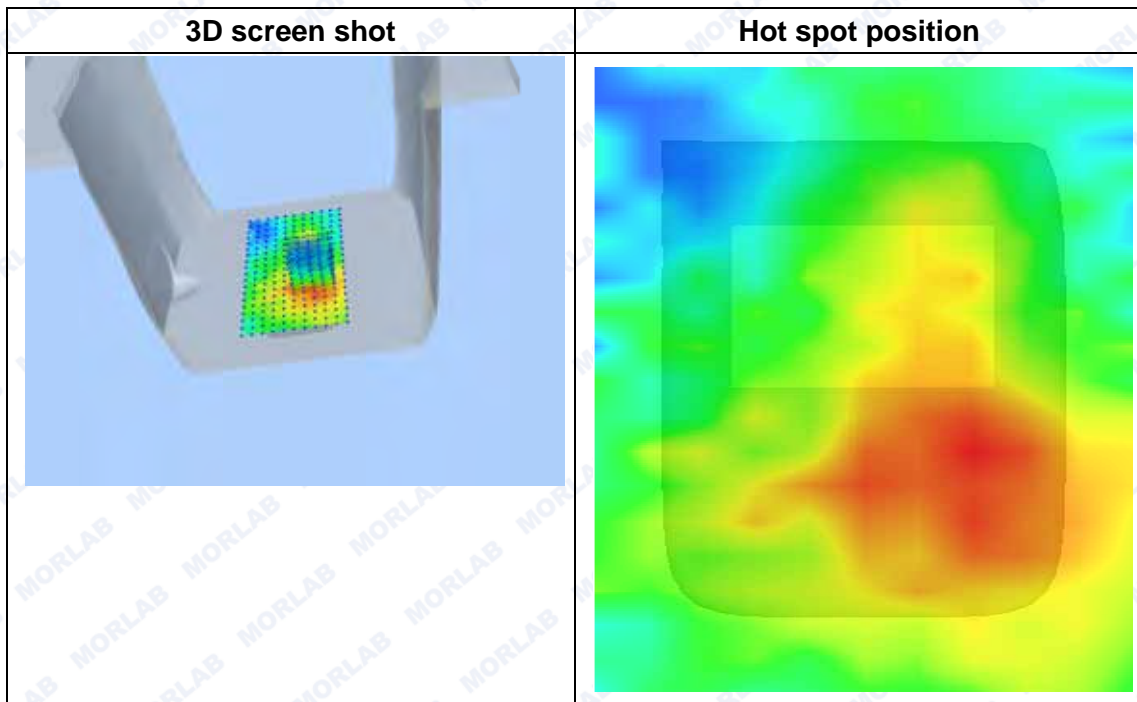
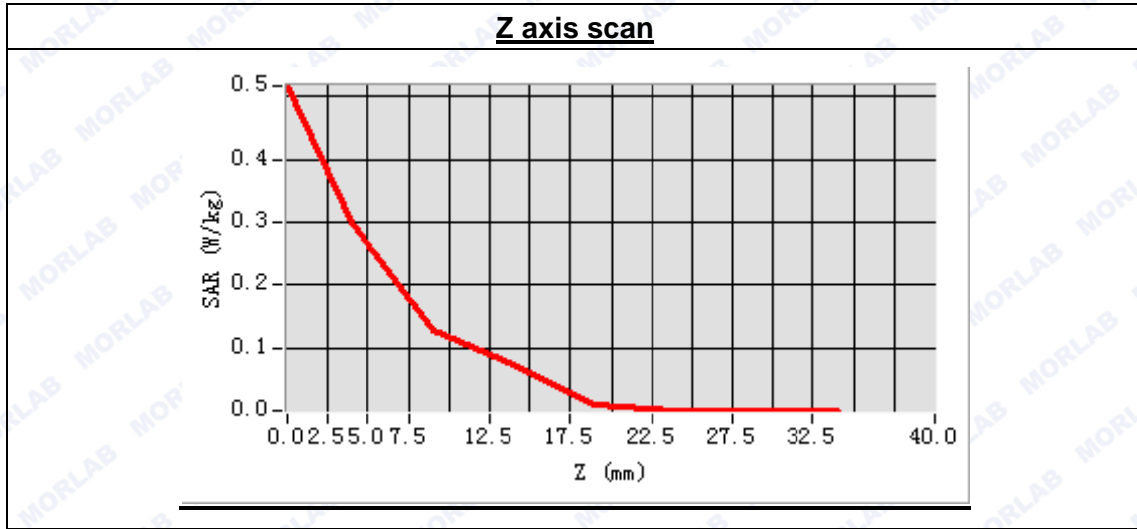




Maximum location: X=16.00, Y=-16.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.157014
SAR 1g (W/Kg)	0.328060





**MEASUREMENT 73**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.11.22

Measurement duration: 9 minutes 34 seconds

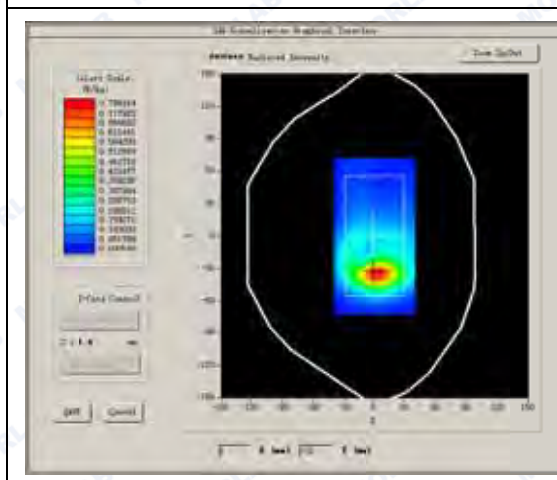
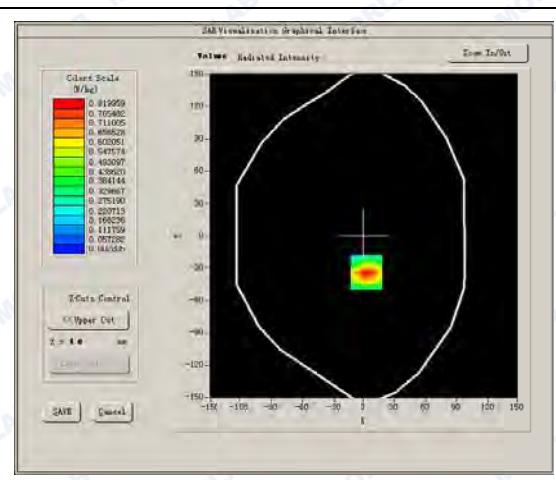
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_100RB_RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.790349
<b>Conductivity (S/m)</b>	1.916875
<b>Power drift (%)</b>	-0.460000
<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

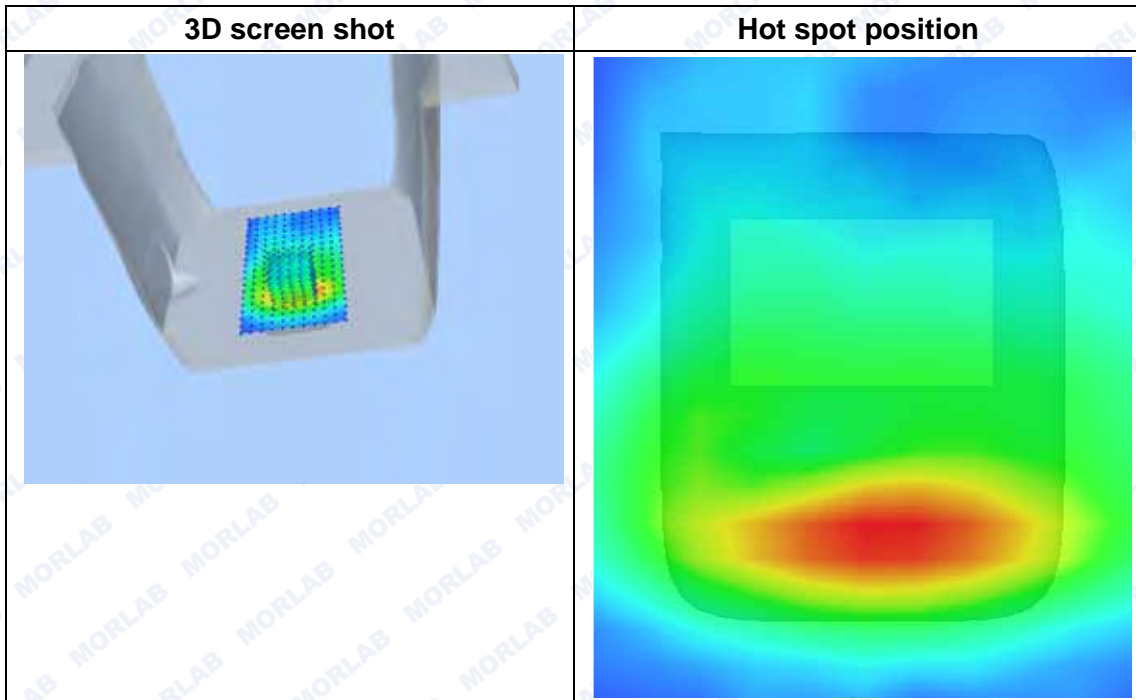
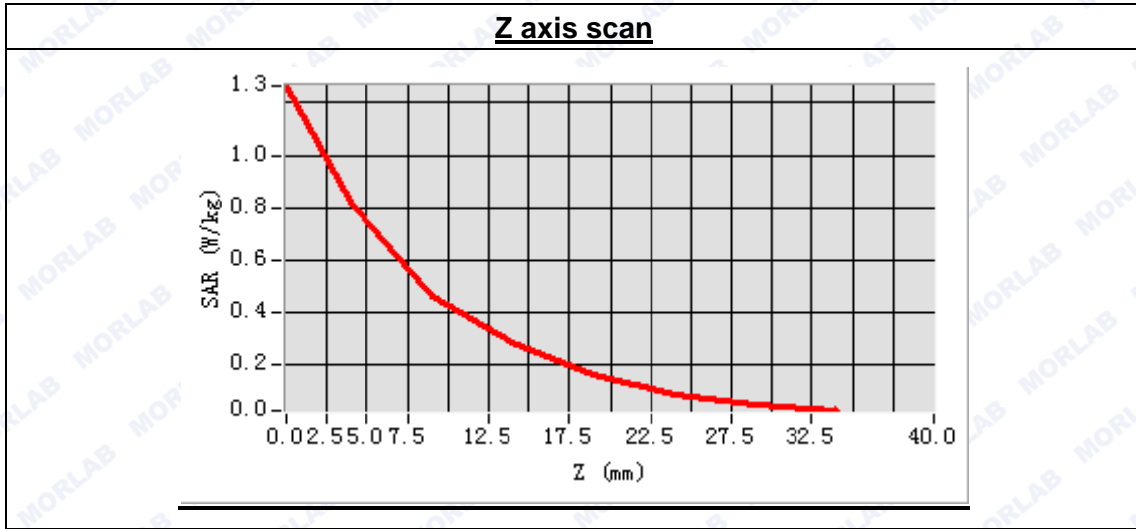
**SURFACE SAR****VOLUME SAR**



Maximum location: X=2.00, Y=-34.00

SAR Peak: 1.38 W/kg

SAR 10g (W/Kg)	0.441706
SAR 1g (W/Kg)	0.908667





**MEASUREMENT 74**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

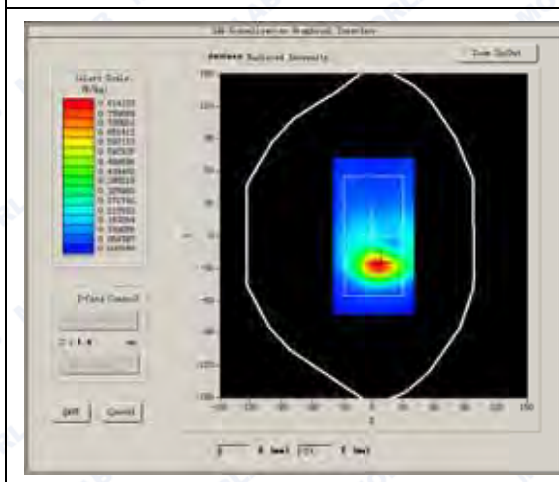
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_100RB_RB offset 0

**B. SAR Measurement Results**

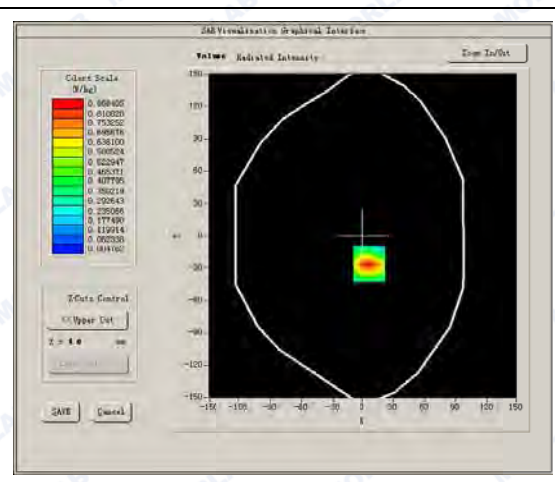
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-0.460000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

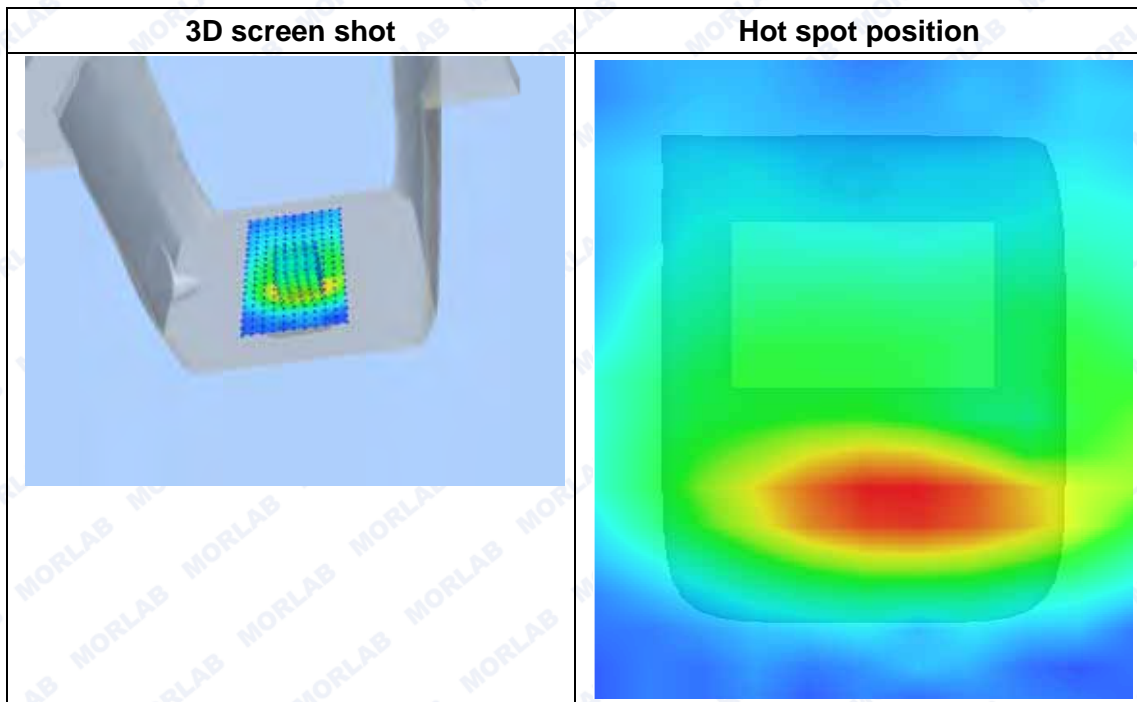
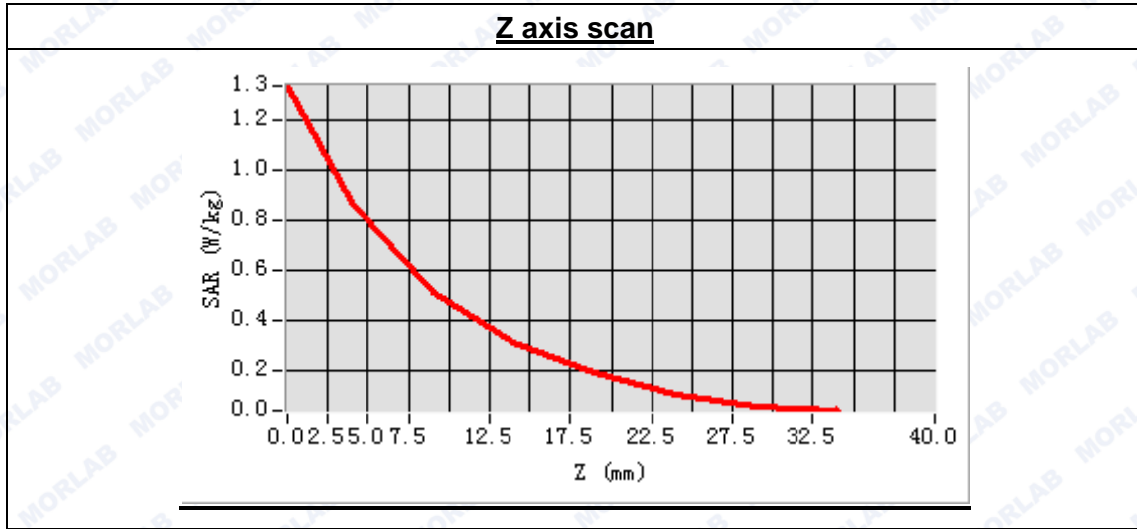




Maximum location: X=6.00, Y=-26.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.468286
SAR 1g (W/Kg)	0.846054





**MEASUREMENT 75**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 9 minutes 34 seconds

**A. Experimental conditions.**

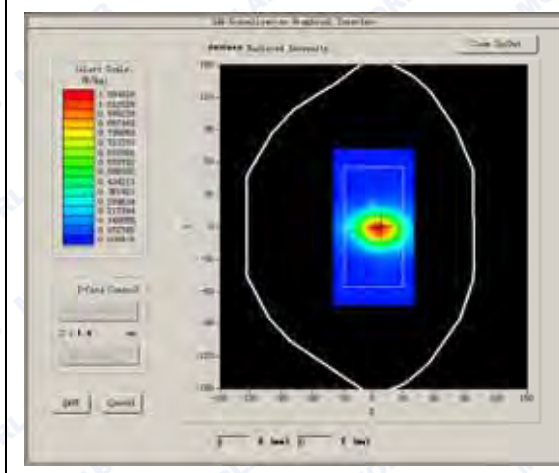
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_100RB_RB offset 0

**B. SAR Measurement Results**

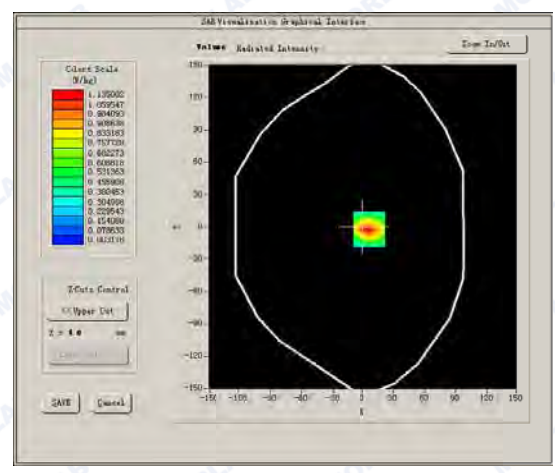
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.790349
Conductivity (S/m)	1.916875
Power drift (%)	-0.150000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

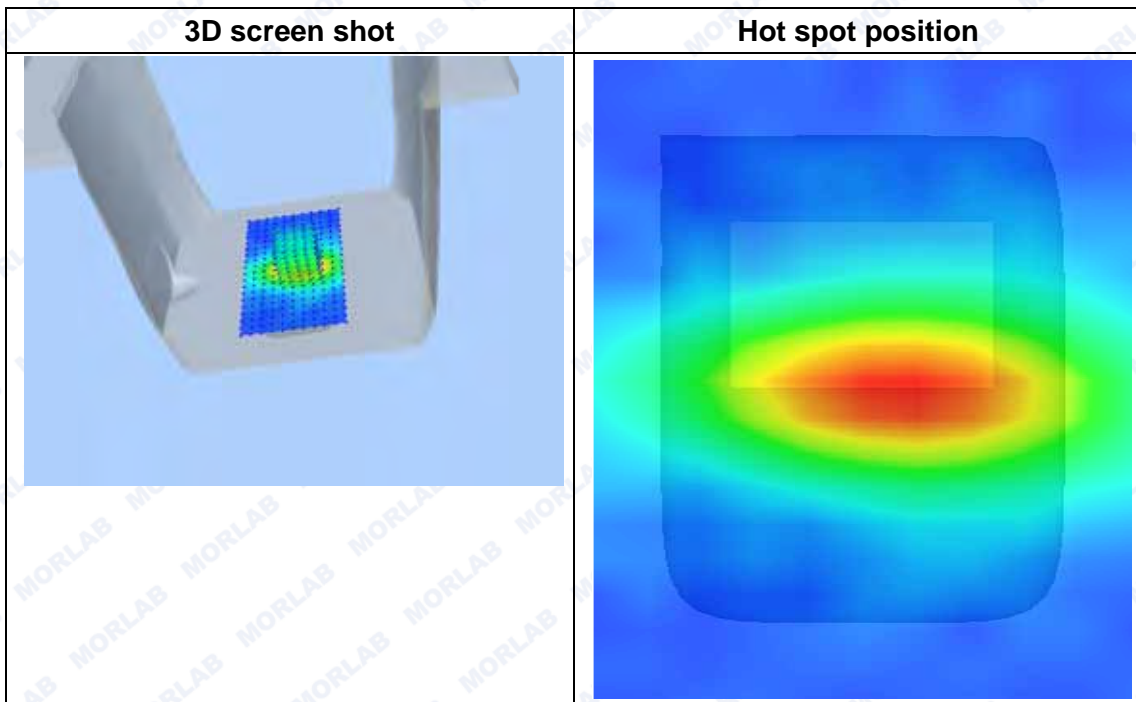
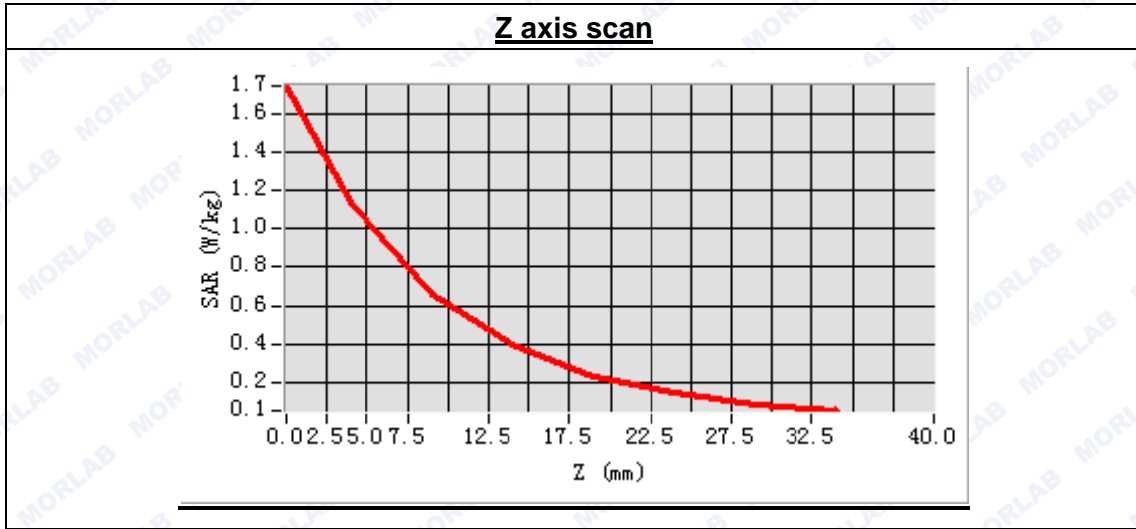




Maximum location: X=6.00, Y=-2.00

SAR Peak: 1.92 W/kg

SAR 10g (W/Kg)	0.709541
SAR 1g (W/Kg)	1.013660



**MEASUREMENT 76**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.11.22

Measurement duration: 7 minutes 59 seconds

**A. Experimental conditions.**

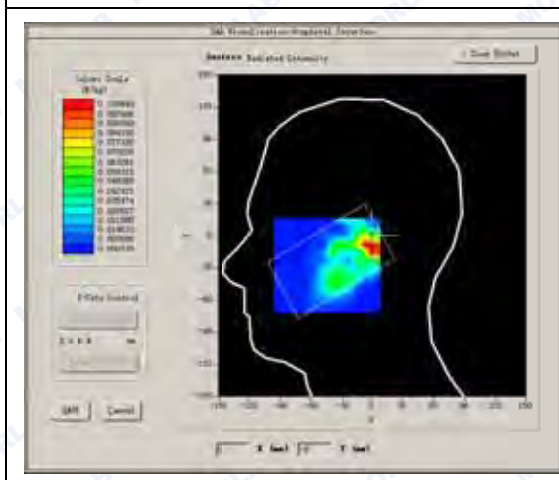
Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Cheek
Band	802.11b
Channels	High
Signal	DSSS

**B. SAR Measurement Results**

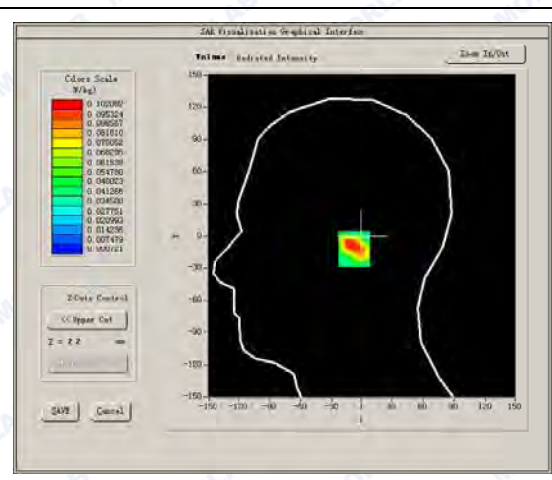
High Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	4.340000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

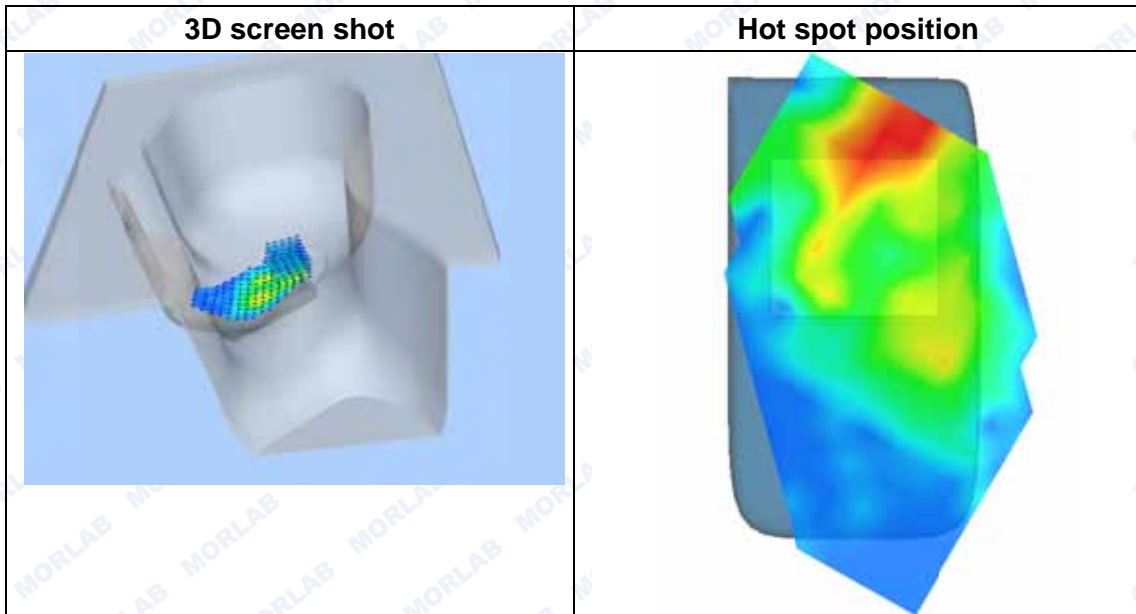
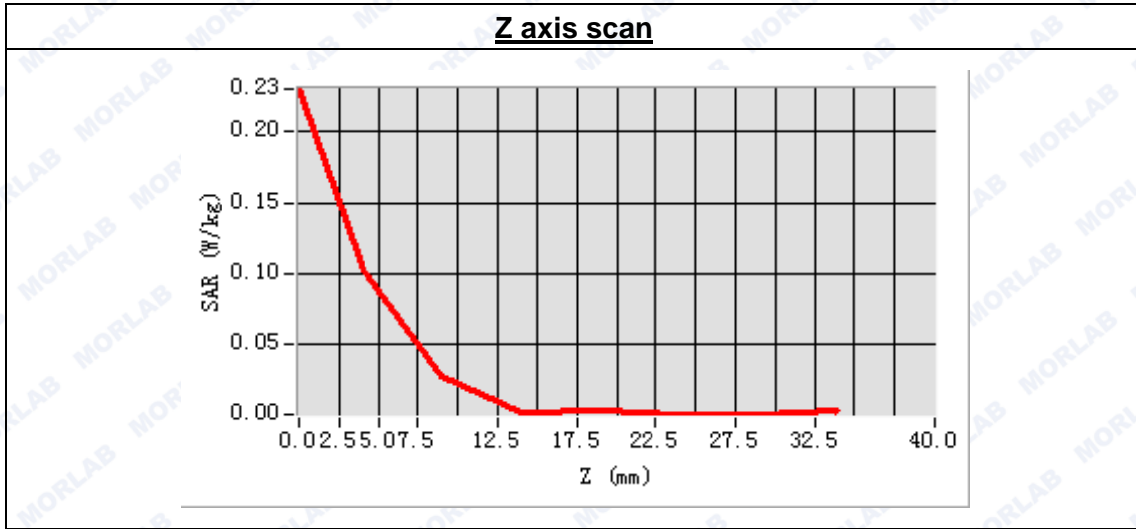




Maximum location: X=1.00, Y=-12.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.038354
SAR 1g (W/Kg)	0.109227





**MEASUREMENT 77**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 7 minutes 50 seconds

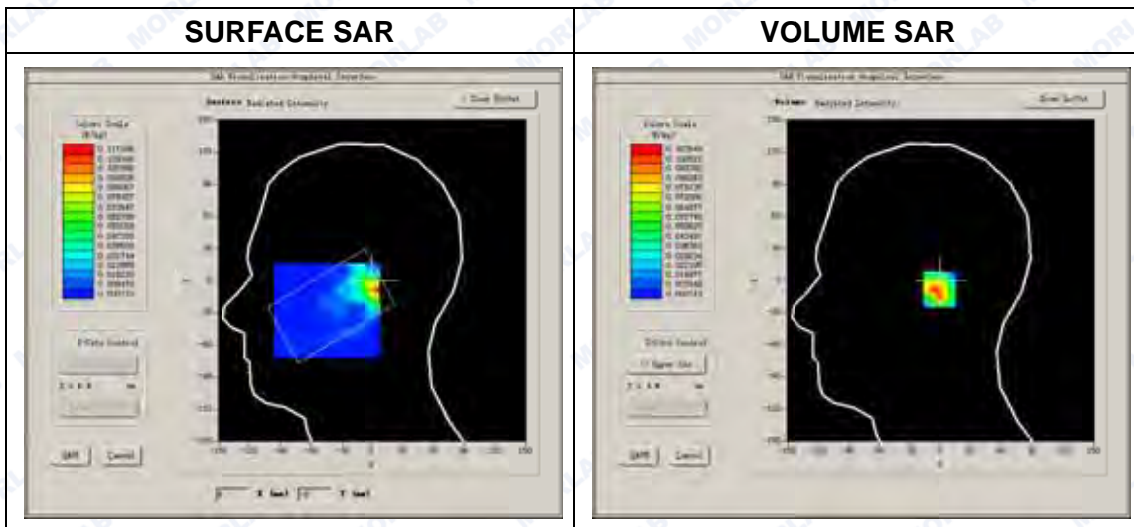
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Right head
Device Position	Tilt
Band	802.11b
Channels	High
Signal	DSSS

**B. SAR Measurement Results**

High Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	-0.250000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

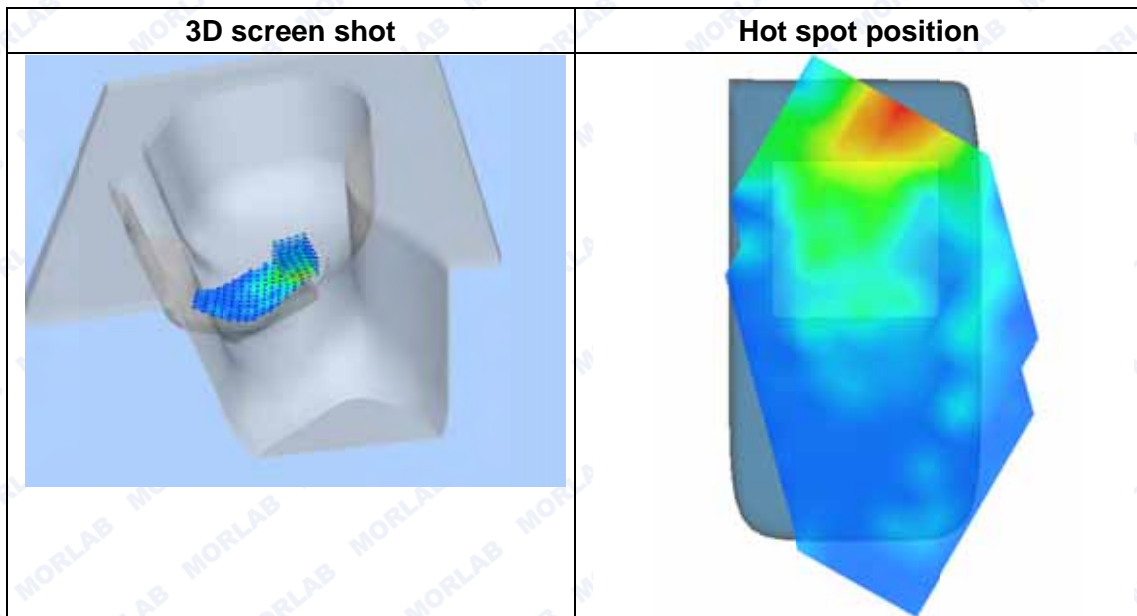
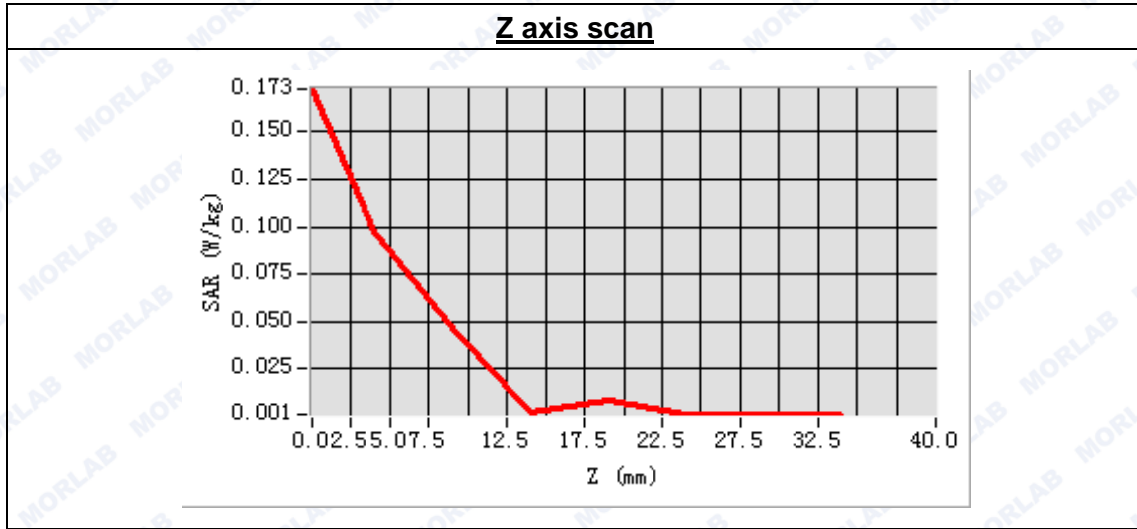




Maximum location: X=8.00, Y=-8.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.037111
SAR 1g (W/Kg)	0.100800



**MEASUREMENT 78**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 7 minutes 38 seconds

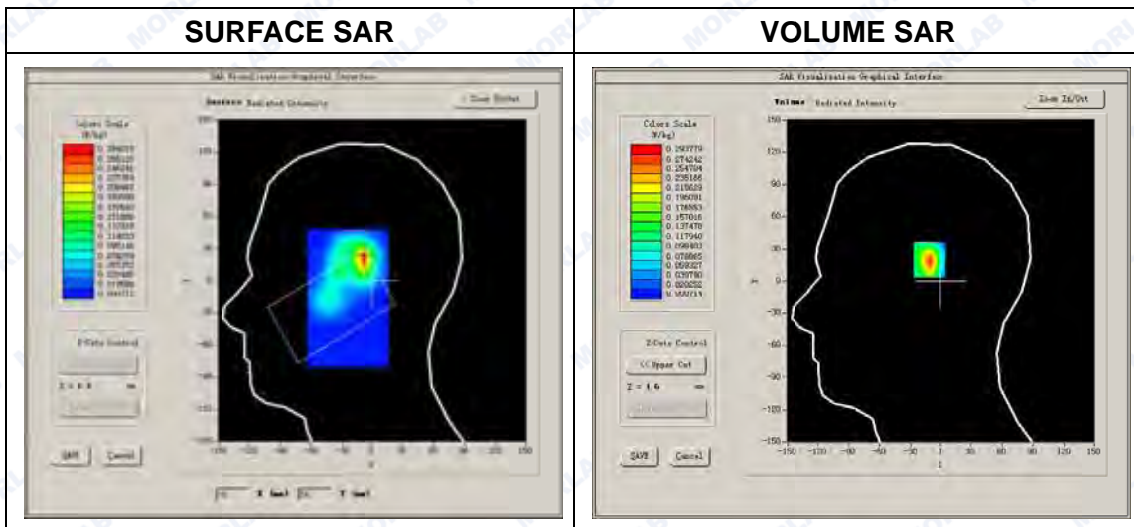
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

High Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	-1.530000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

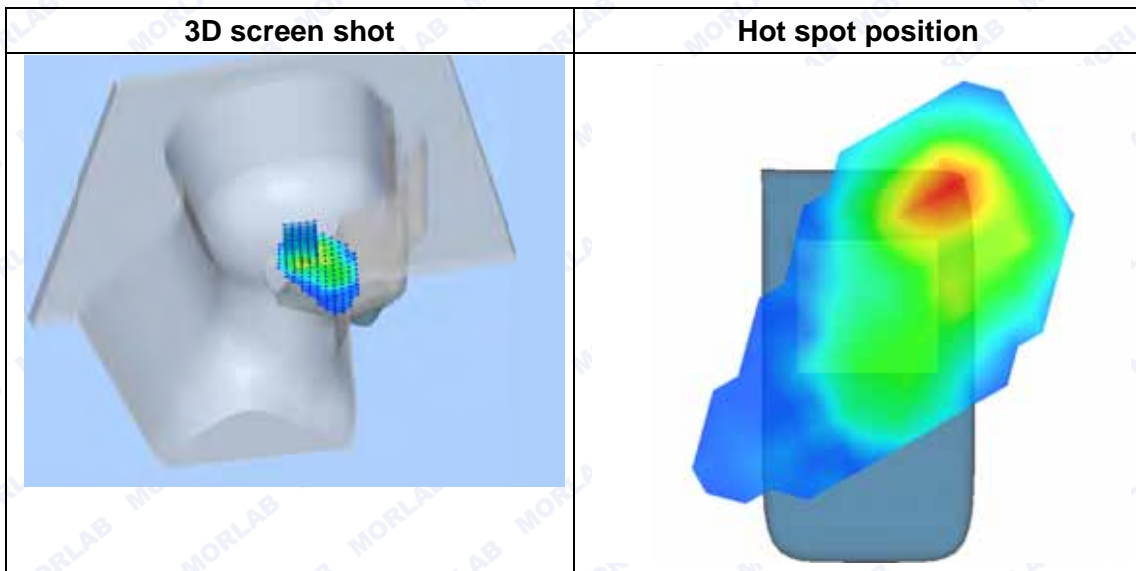
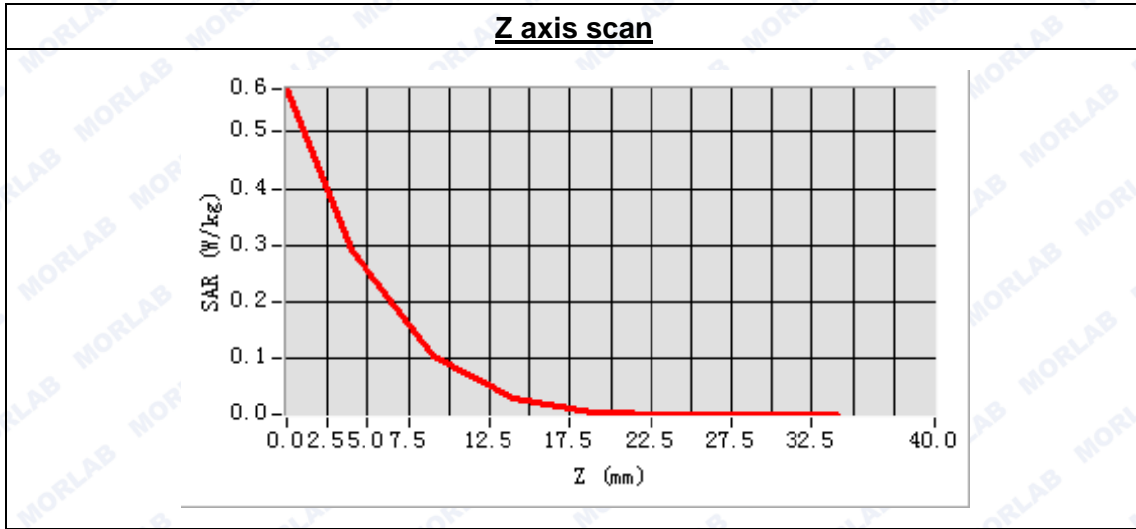




Maximum location: X=-8.00, Y=22.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.101975
SAR 1g (W/Kg)	0.269415



**MEASUREMENT 79**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.11.22

Measurement duration: 7 minutes 37 seconds

**A. Experimental conditions.**

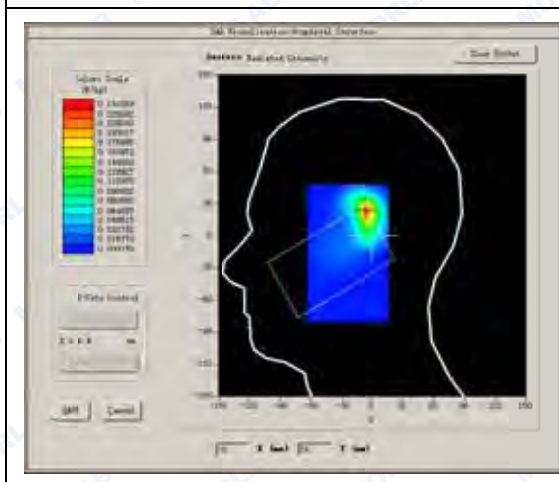
Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	802.11b
Channels	High
Signal	DSSS

**B. SAR Measurement Results**

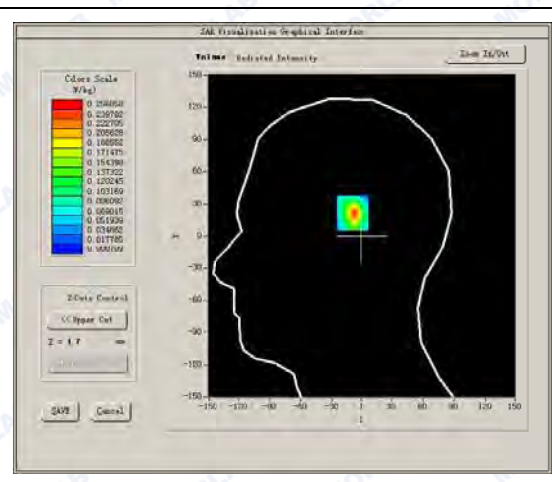
High Band SAR (Channel 11)

Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	-0.120000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

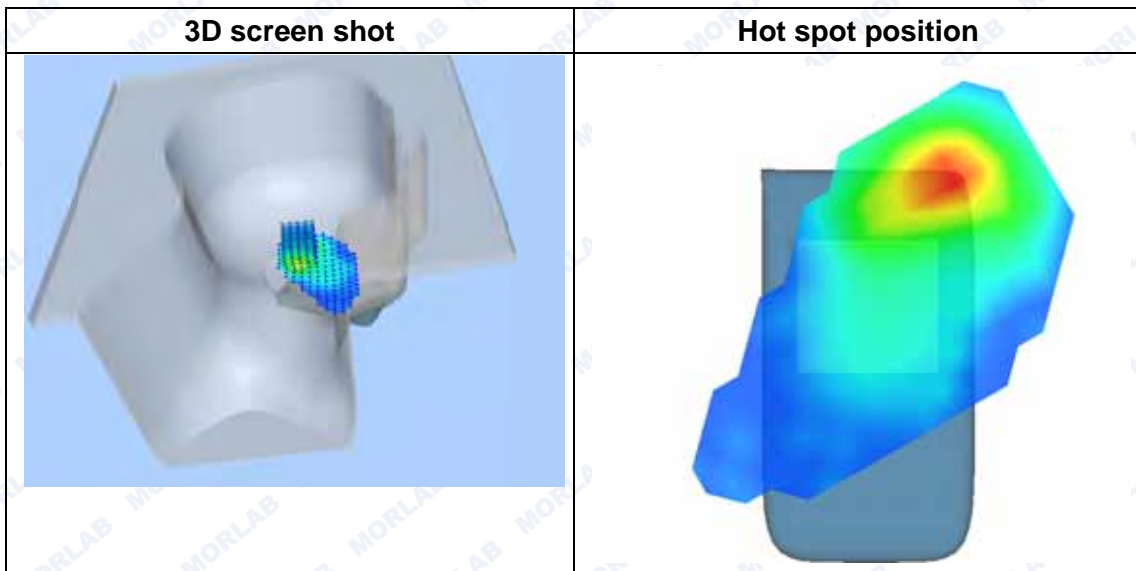
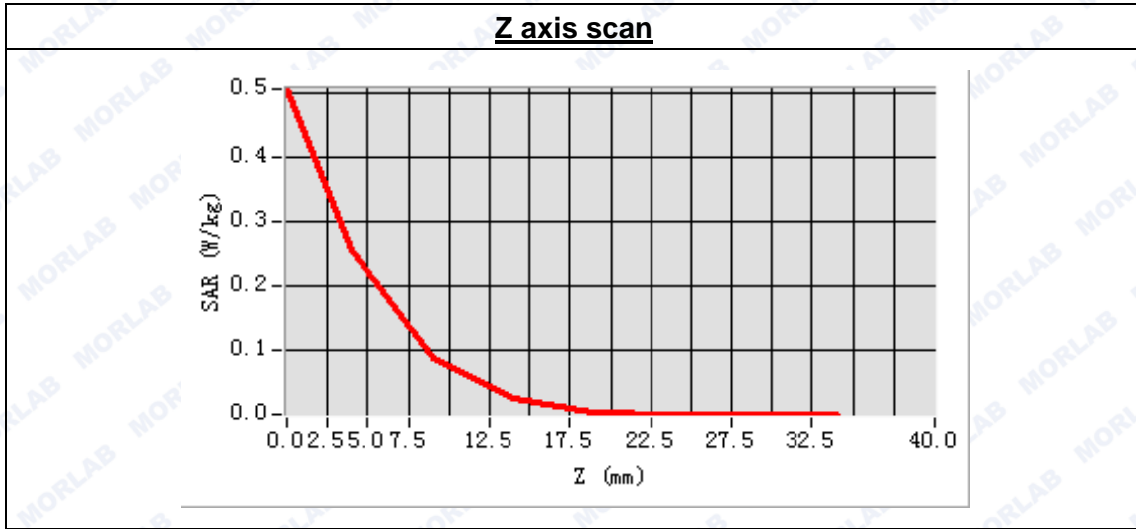




Maximum location: X=-6.00, Y=23.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.085438
SAR 1g (W/Kg)	0.231252



**MEASUREMENT 80**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 7 minutes 50 seconds

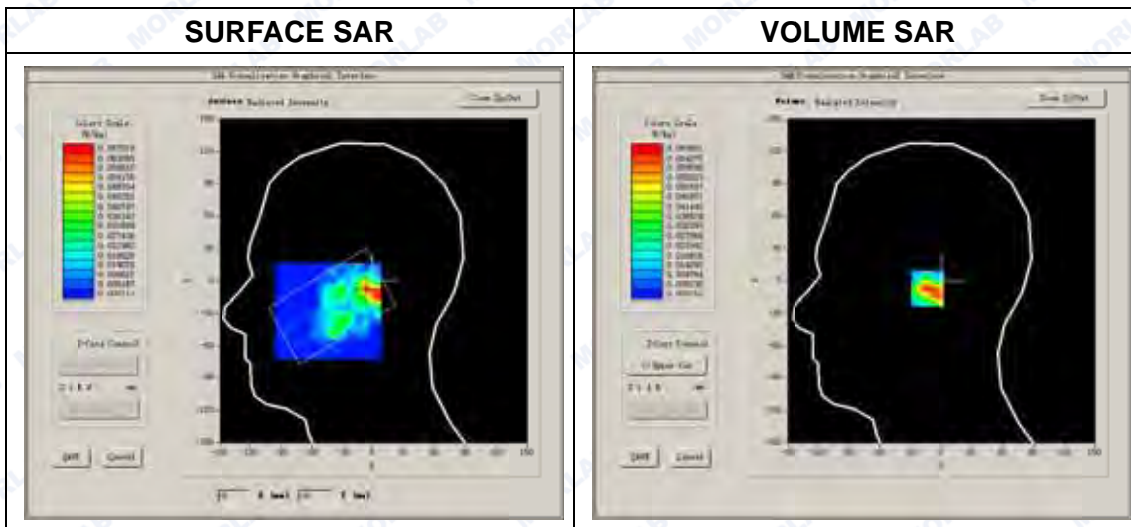
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 39)

Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	0.150000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1



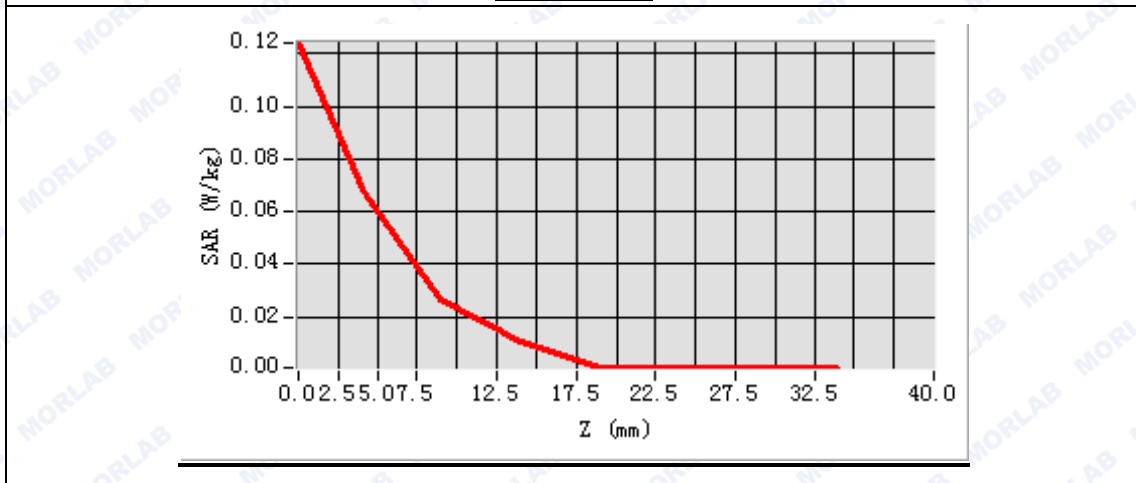


Maximum location: X=-7.00, Y=-7.00

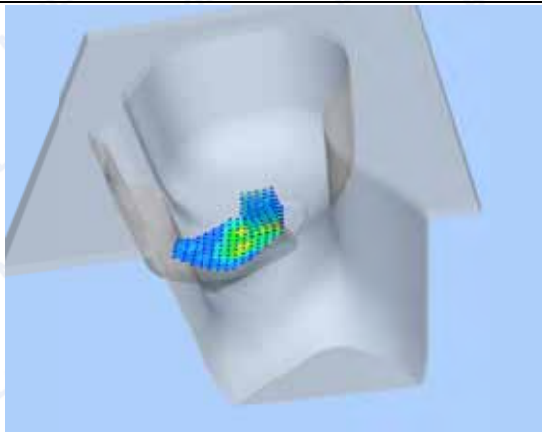
SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.025332
SAR 1g (W/Kg)	0.084876

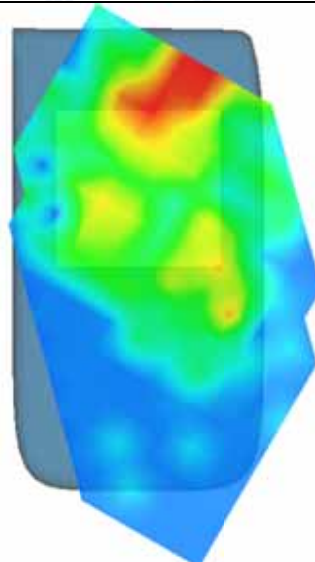
**Z axis scan**



**3D screen shot**



**Hot spot position**





**MEASUREMENT 81**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 7 minutes 52 seconds

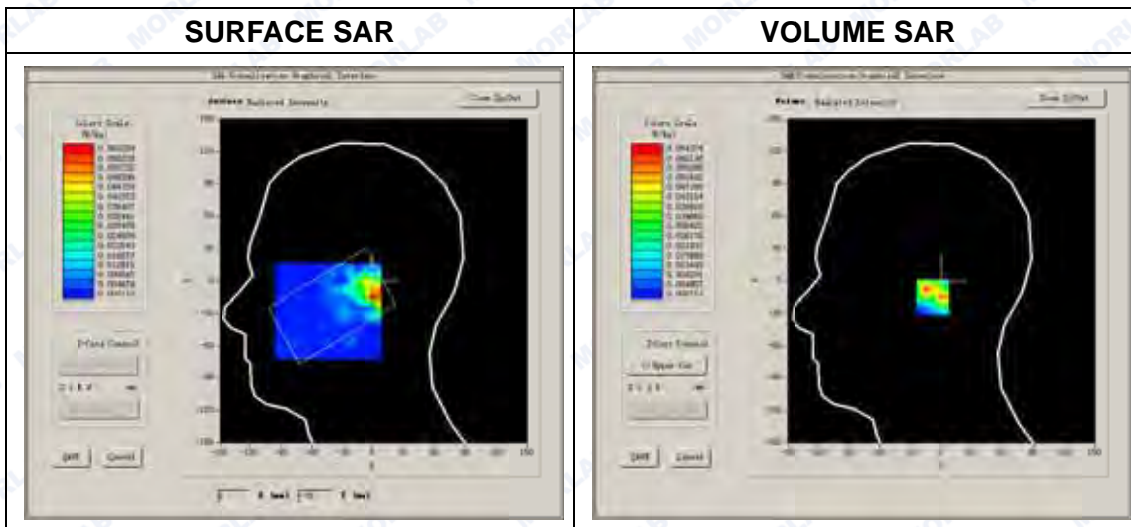
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 39)

Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	-0.920000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

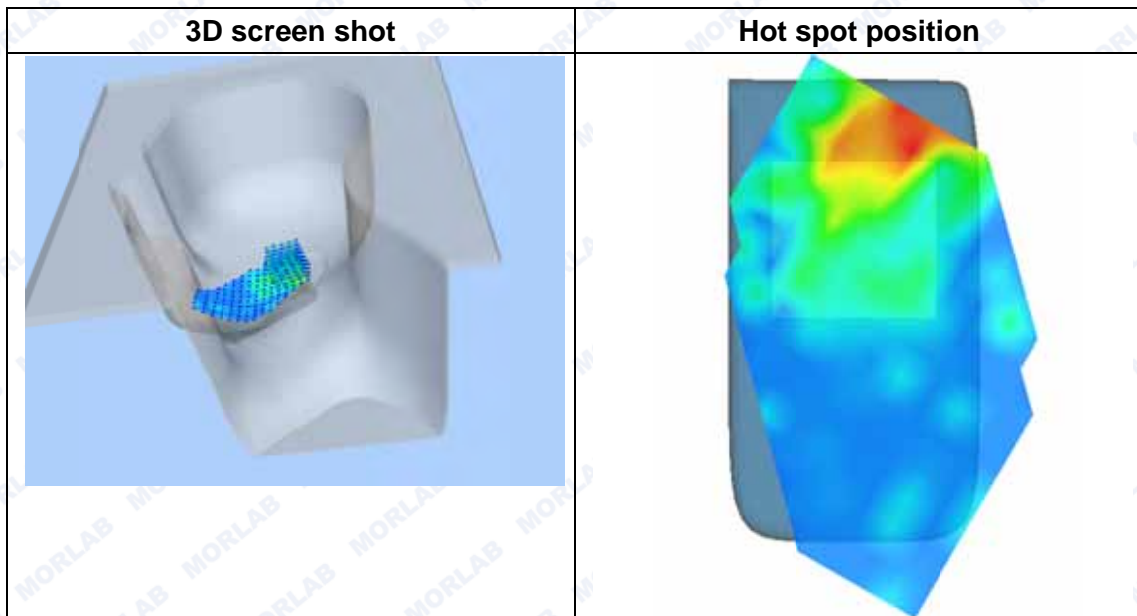
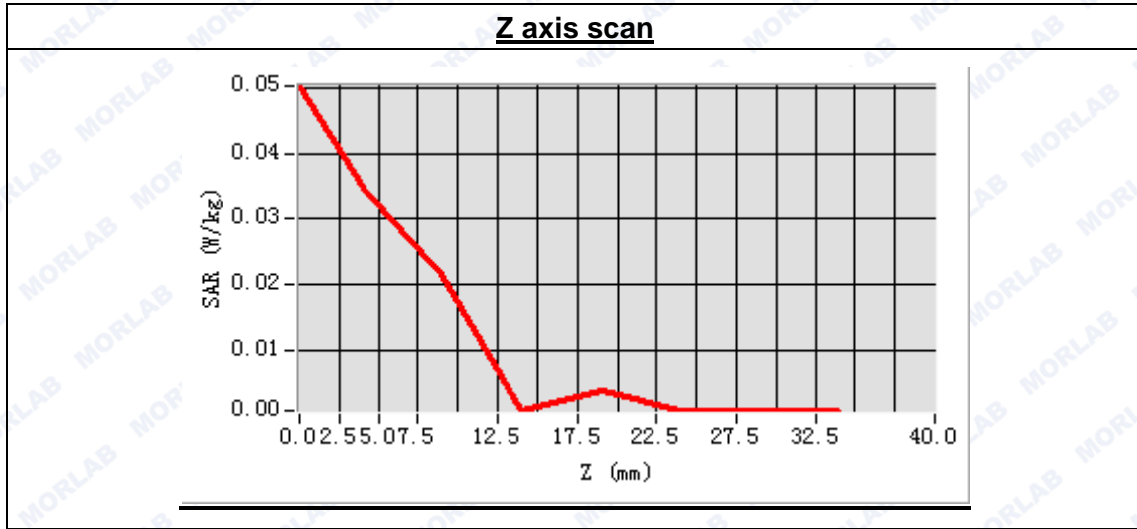




Maximum location: X=0.00, Y=-15.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.020214
SAR 1g (W/Kg)	0.051555



**MEASUREMENT 82**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2014.11.22  
 Measurement duration: 7 minutes 38 seconds

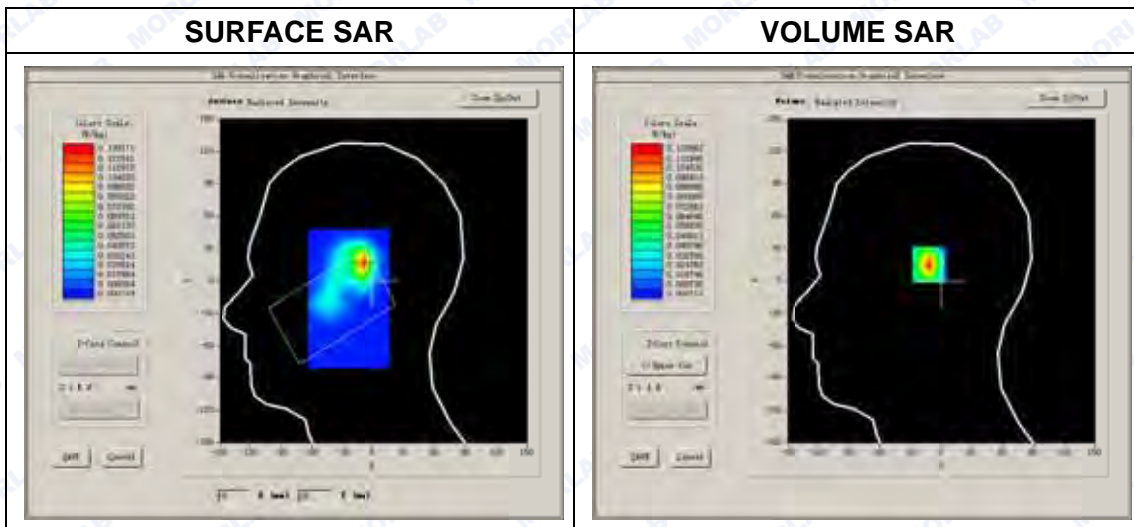
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Middle Band SAR (Channel 39)

Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	-0.110000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1



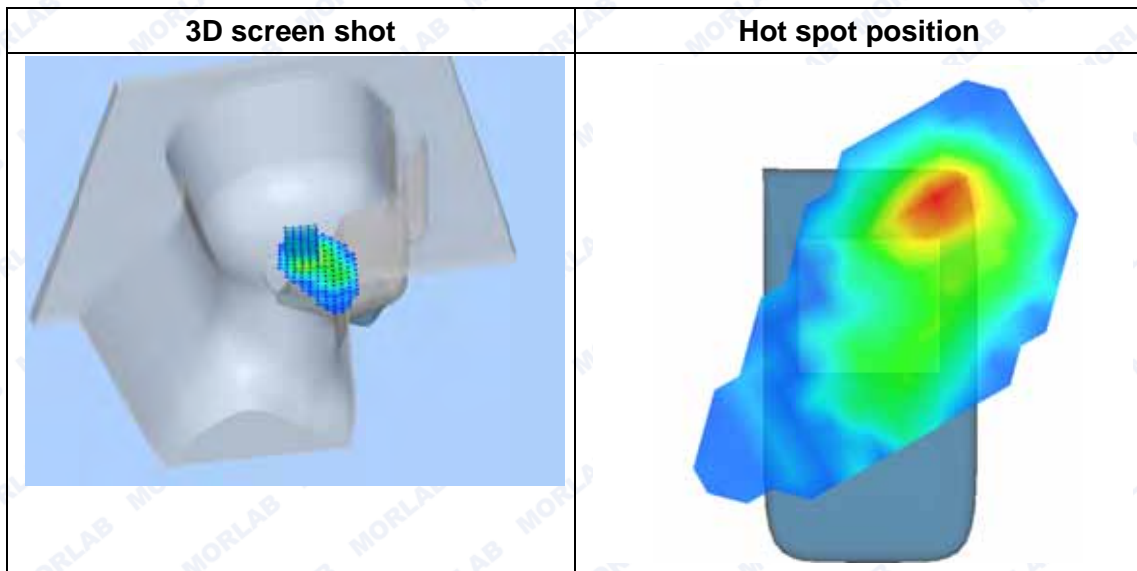
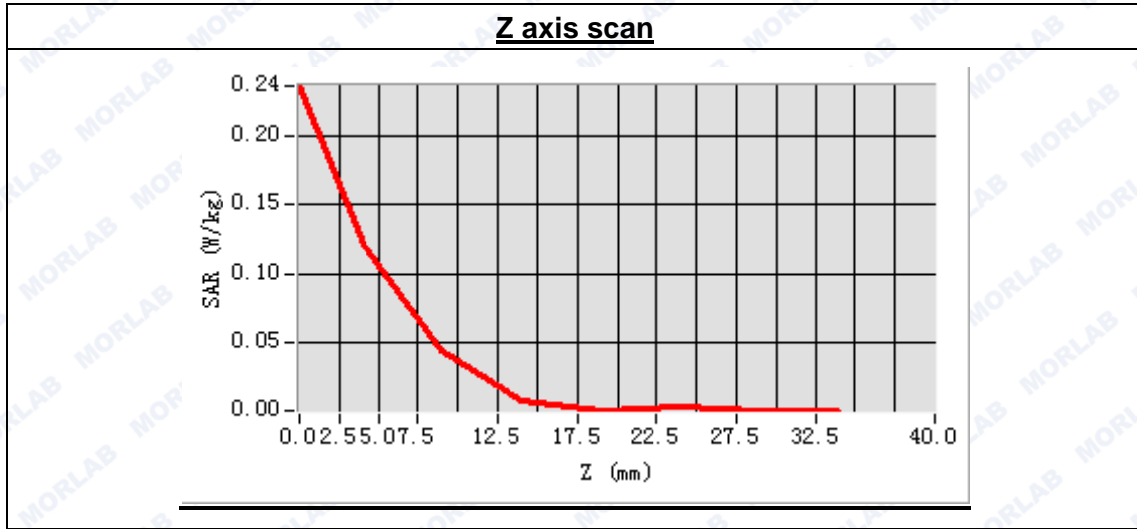


REPORT No. : SZ14110040S01

Maximum location: X=-9.00, Y=16.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.041452
SAR 1g (W/Kg)	0.102325



**MEASUREMENT 83**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.11.22

Measurement duration: 7 minutes 33 seconds

**A. Experimental conditions.**

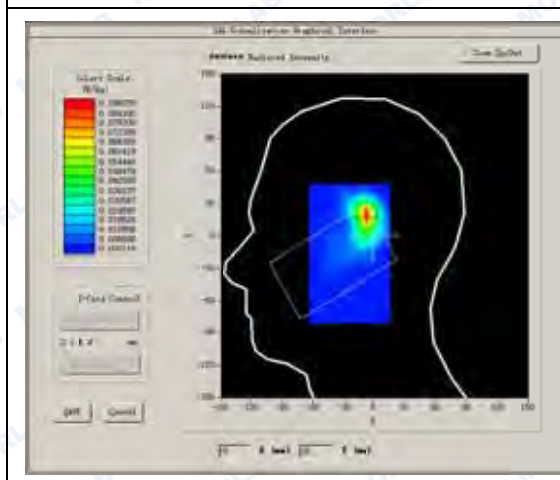
Phantom File	surf_sam_plan.txt
Phantom	Left head
Device Position	Tilt
Band	Bluetooth
Channels	Middle
Signal	8-DPSK

**B. SAR Measurement Results**

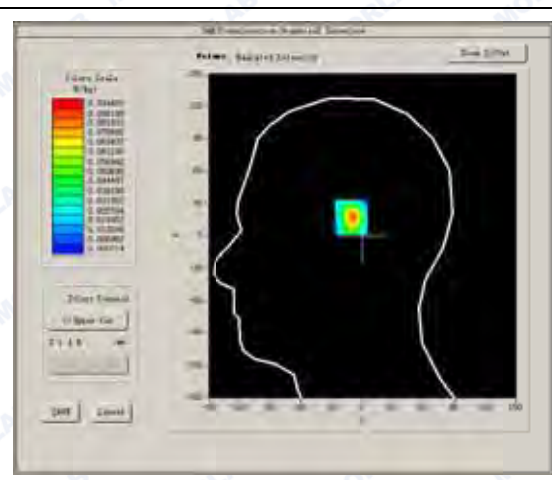
Middle Band SAR (Channel 39)

Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.310544
Conductivity (S/m)	1.815877
Power drift (%)	1.860000
Ambient Temperature:	22.3°C
Liquid Temperature:	21.5°C
ConvF:	4.80
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**





Maximum location: X=-8.00, Y=19.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.030127
SAR 1g (W/Kg)	0.060685

