



**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

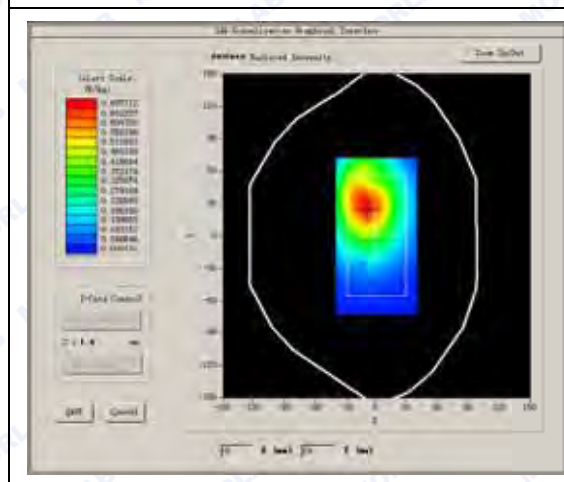
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	GPRS

**B. SAR Measurement Results**

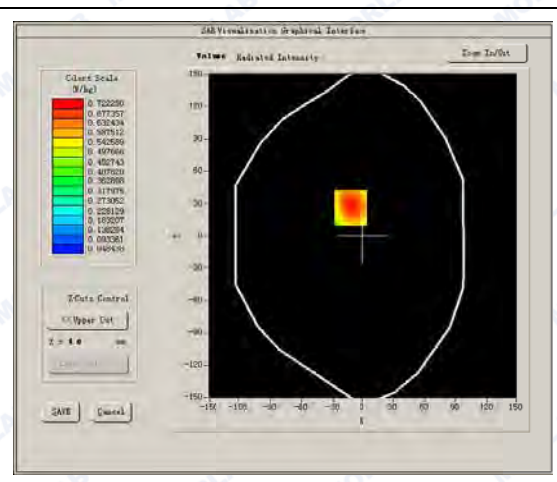
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
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**

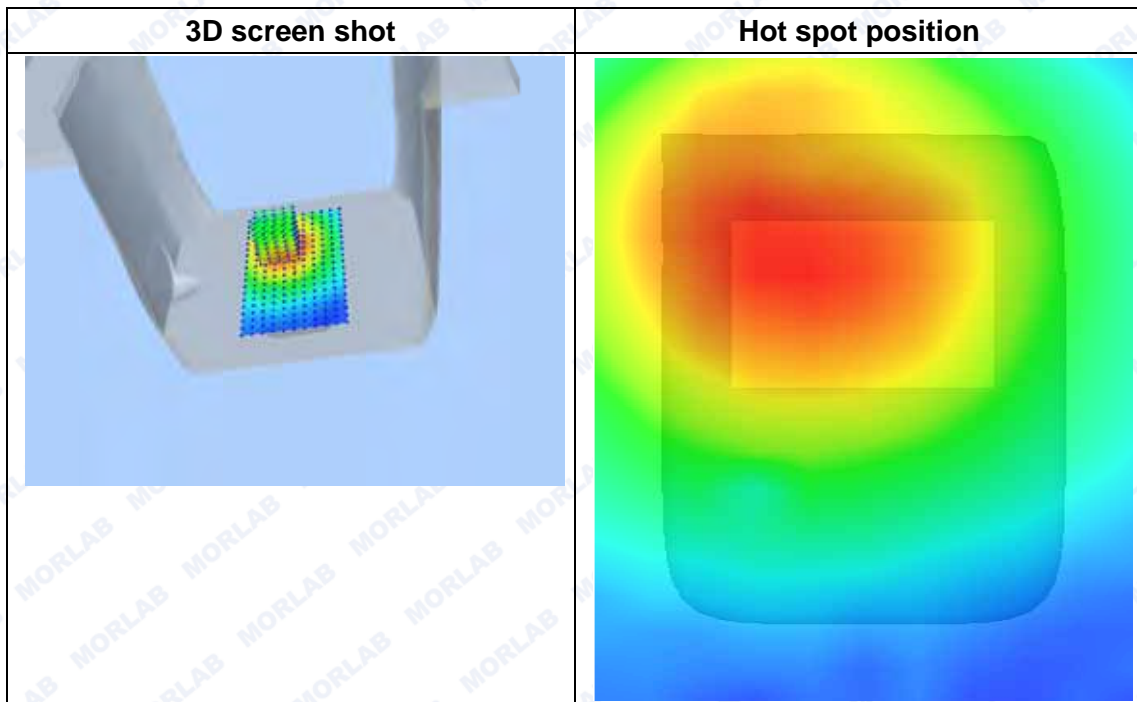
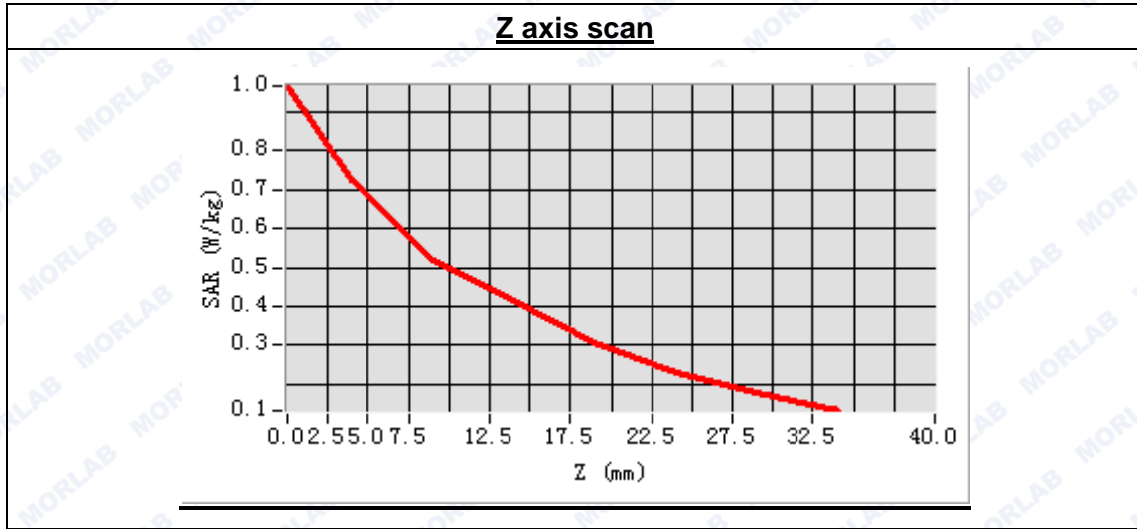




Maximum location: X=-12.00, Y=26.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.499313
SAR 1g (W/Kg)	0.718198





**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: 2015.10.16

Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

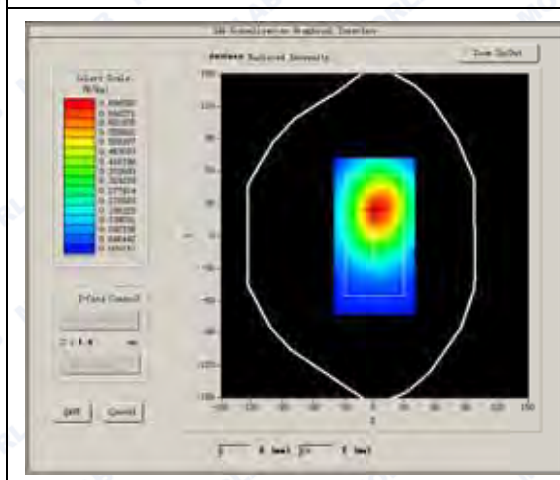
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	GPRS

**B. SAR Measurement Results**

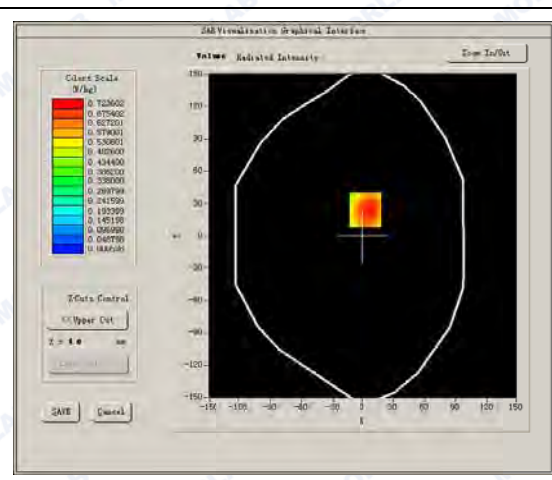
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
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**

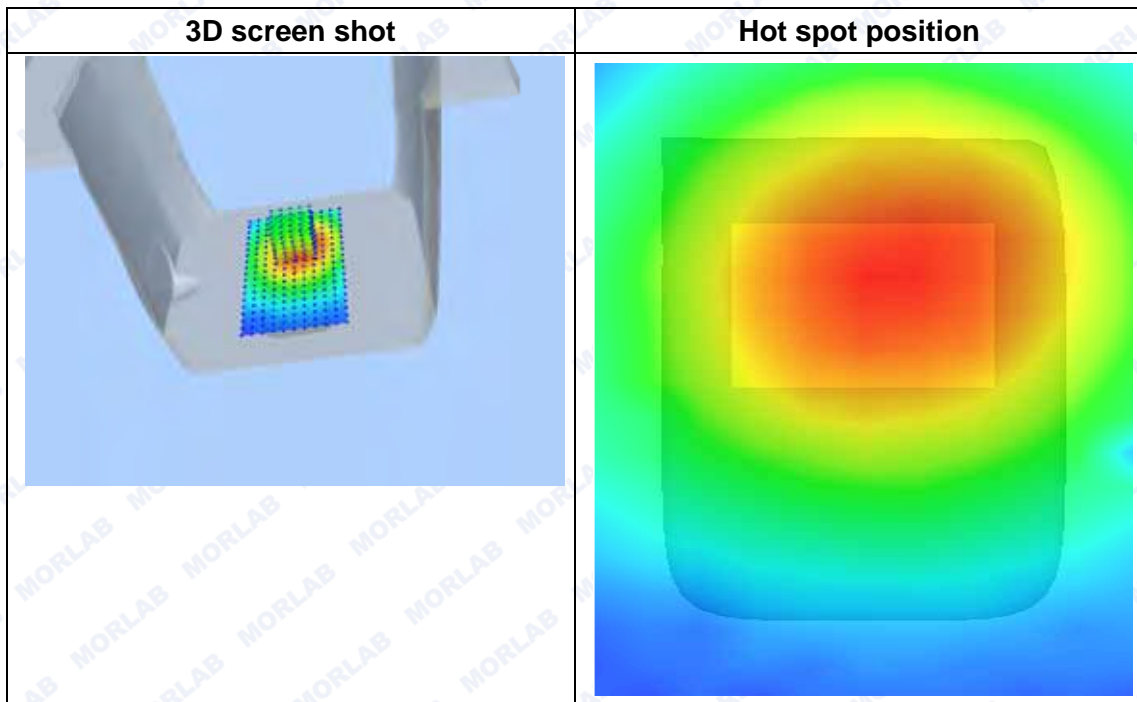
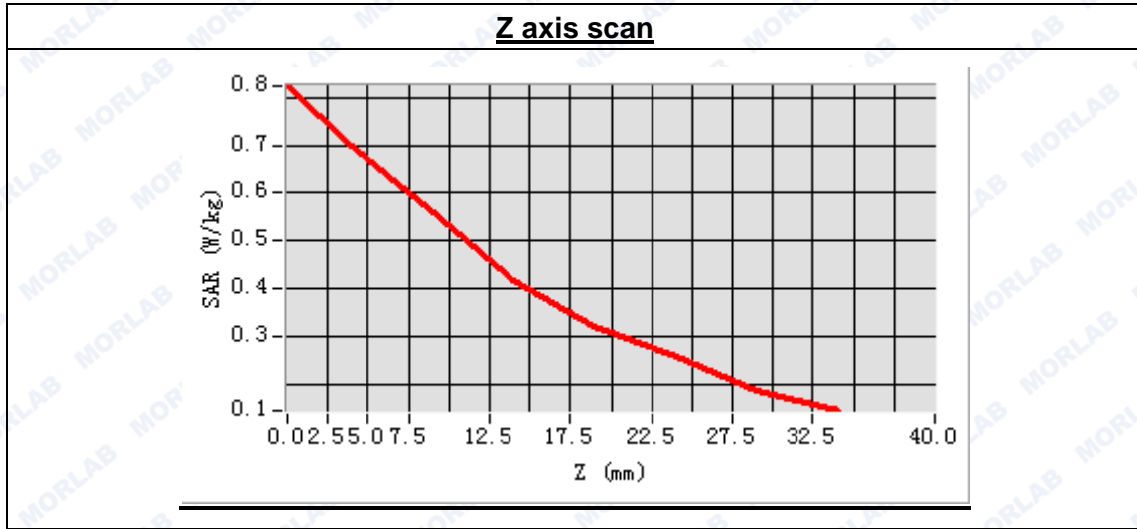




Maximum location: X=2.00, Y=24.00

SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.502143
SAR 1g (W/Kg)	0.707068





**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

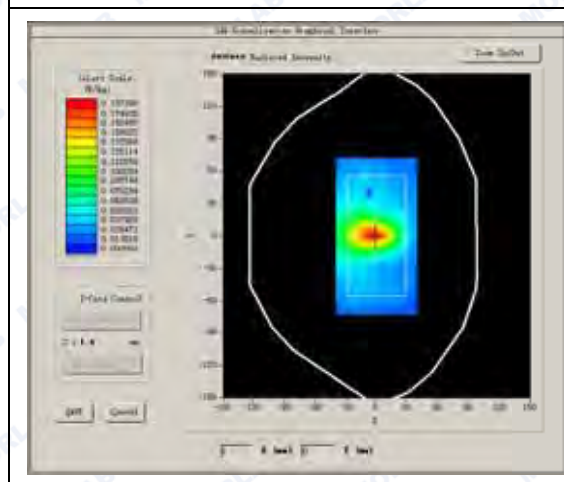
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	GPRS

**B. SAR Measurement Results**

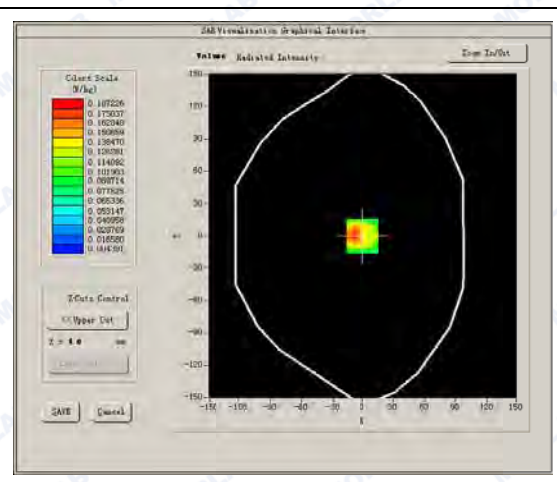
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
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**

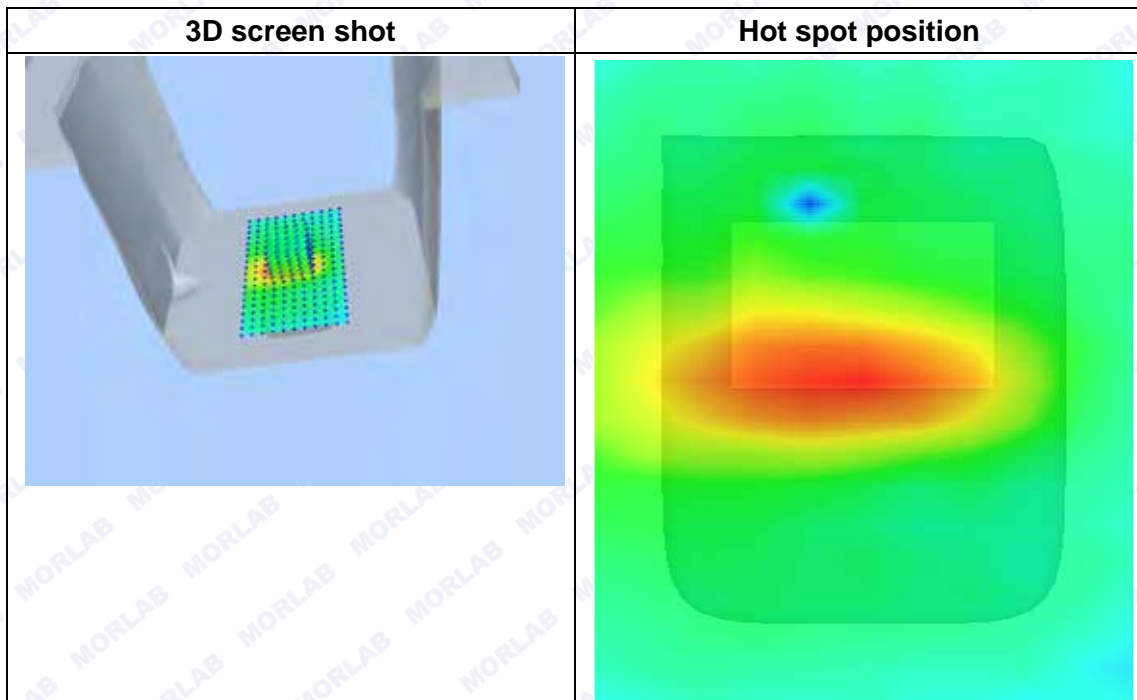
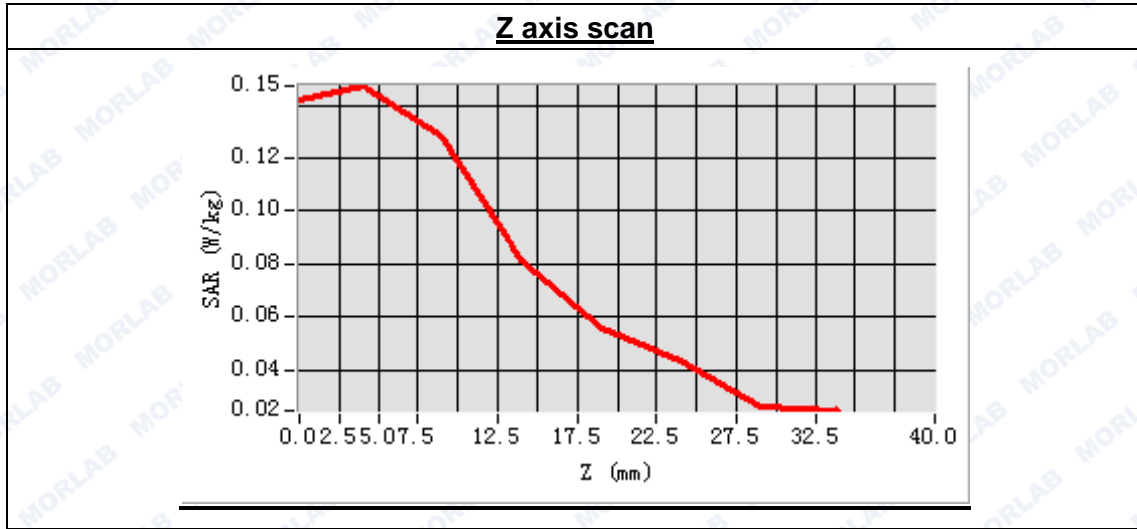




Maximum location: X=-1.00, Y=0.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.105560
SAR 1g (W/Kg)	0.174434





**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

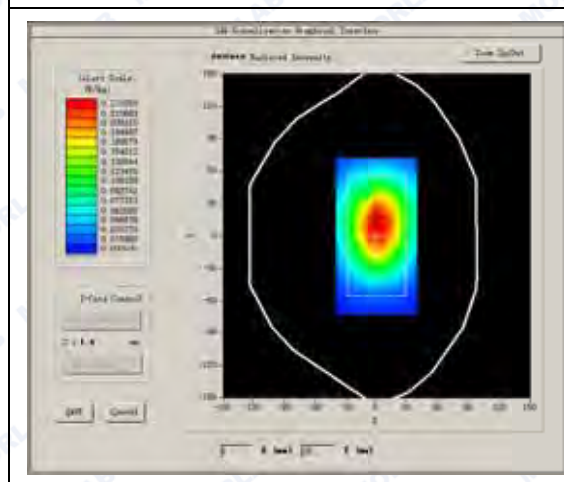
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM850
Channels	Low
Signal	GPRS

**B. SAR Measurement Results**

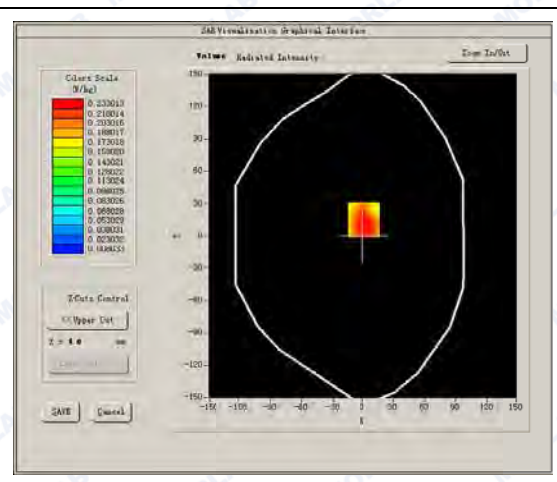
Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
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**

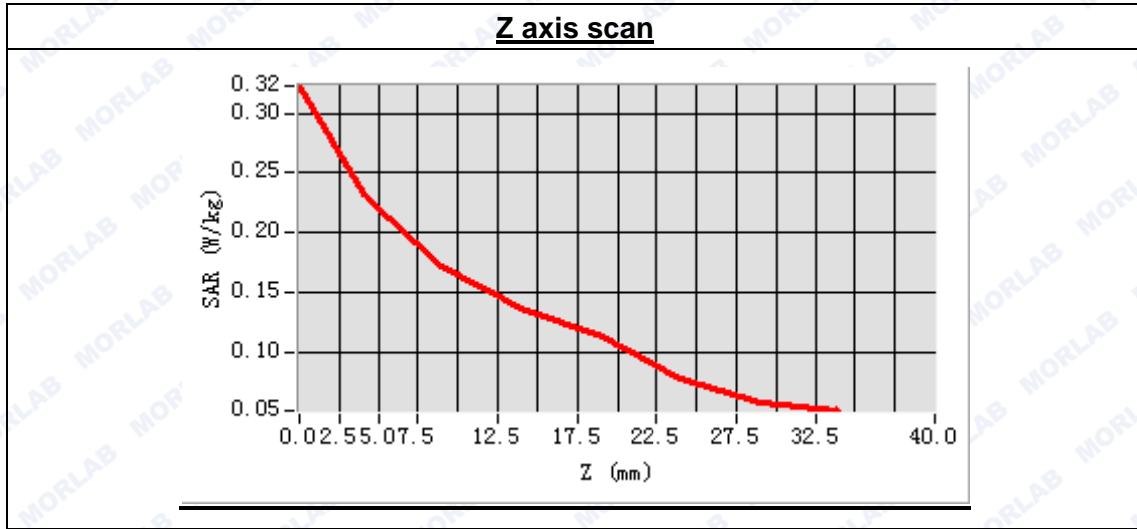




Maximum location: X=1.00, Y=15.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.164428
SAR 1g (W/Kg)	0.235219





**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: 2015.10.16

Measurement duration: 9 minutes 33 seconds

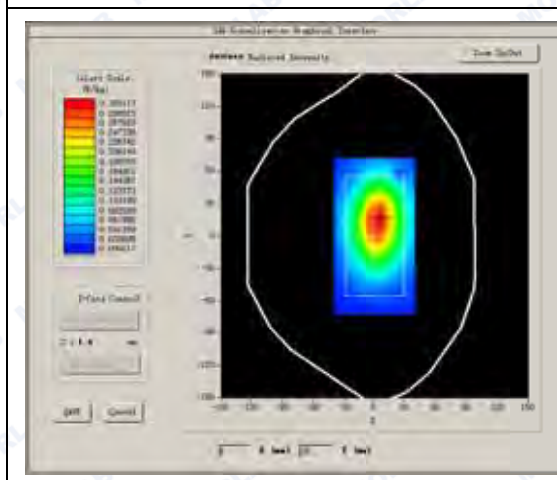
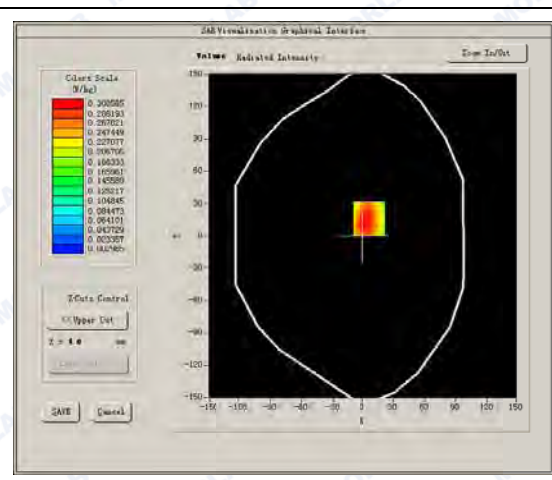
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift(%)	-3.790000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:8

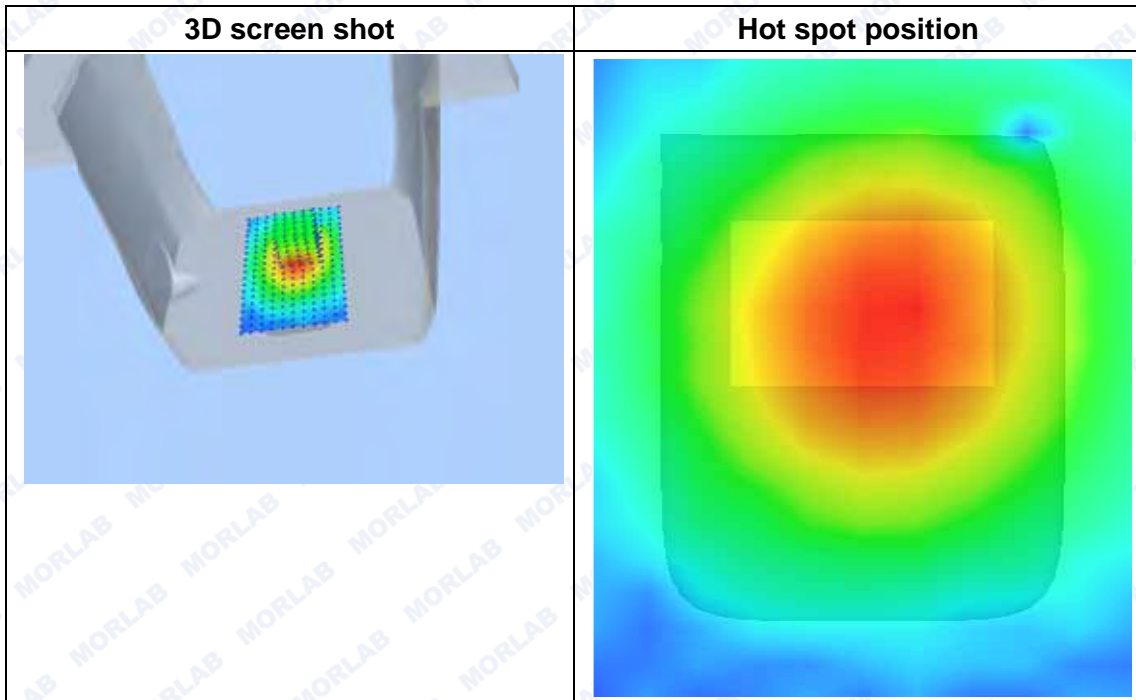
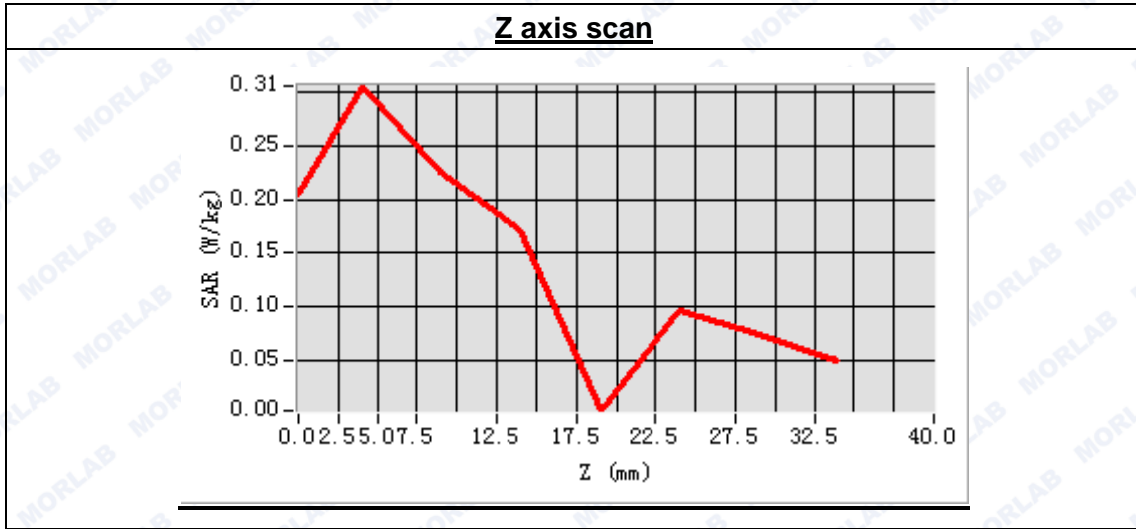
**SURFACE SAR****VOLUME SAR**



Maximum location: X=6.00, Y=16.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.203100
SAR 1g (W/Kg)	0.297844





**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: 2015.10.17

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

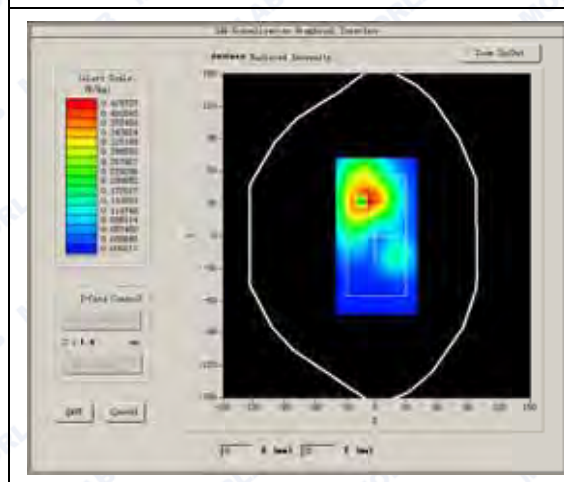
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Result**

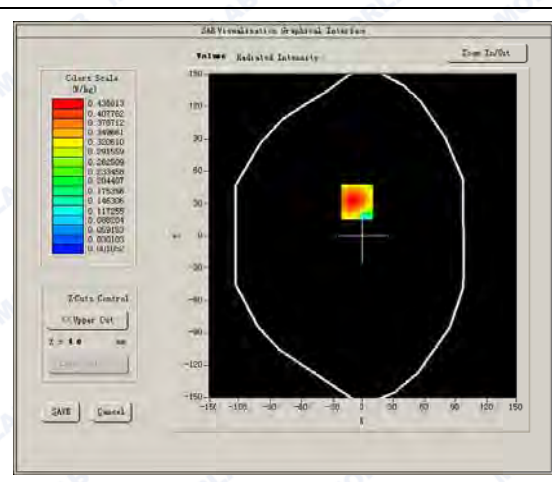
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift(%)	-1.540000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

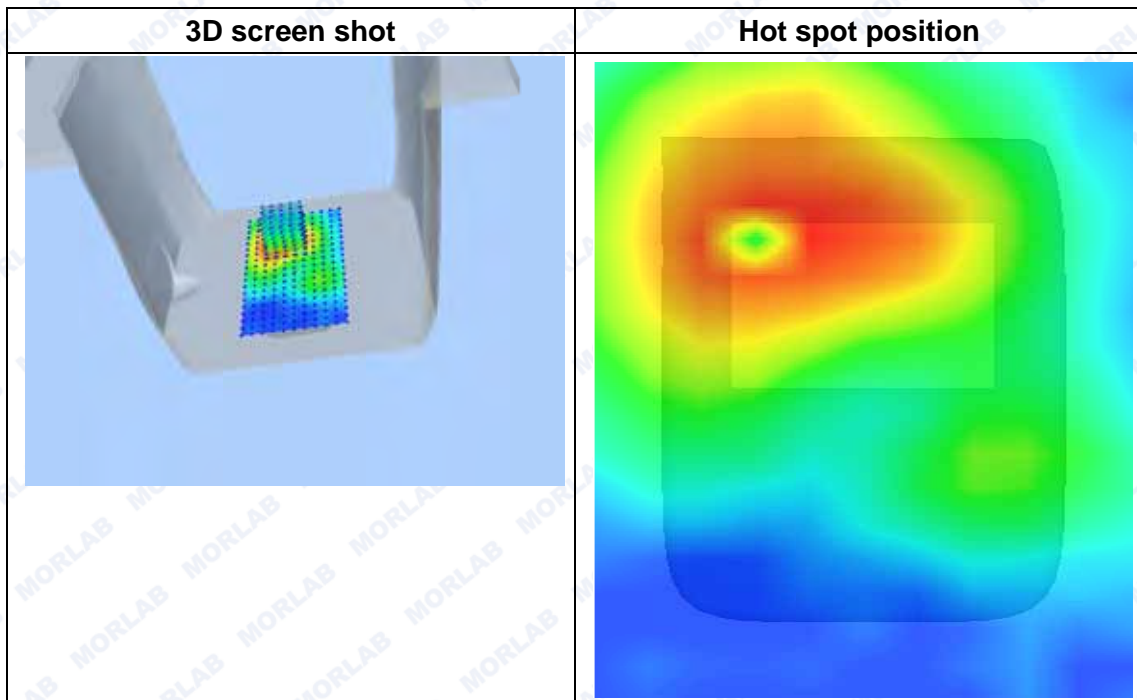
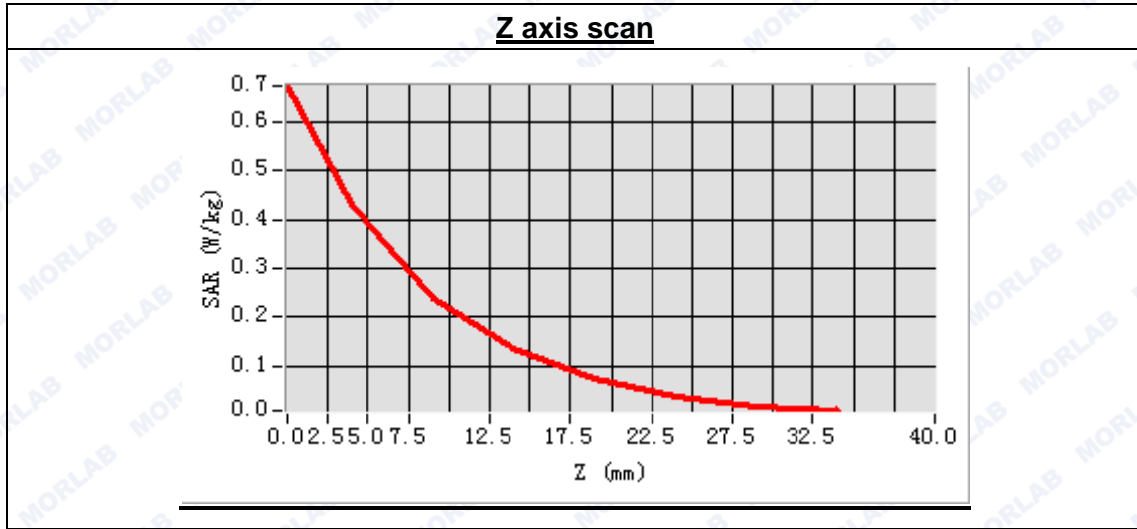




Maximum location: X=-6.00, Y=32.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.236649
SAR 1g (W/Kg)	0.431110





**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

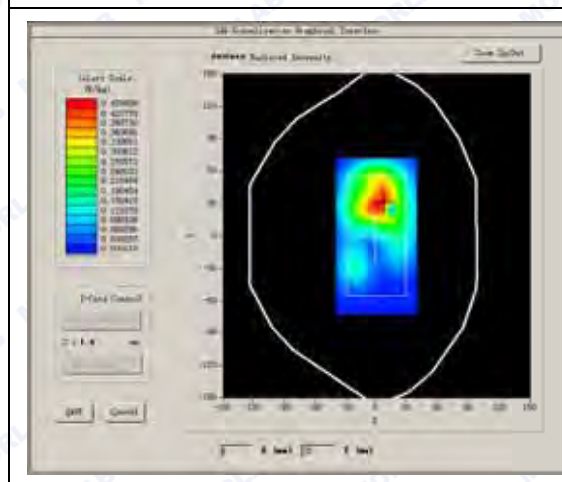
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Result**

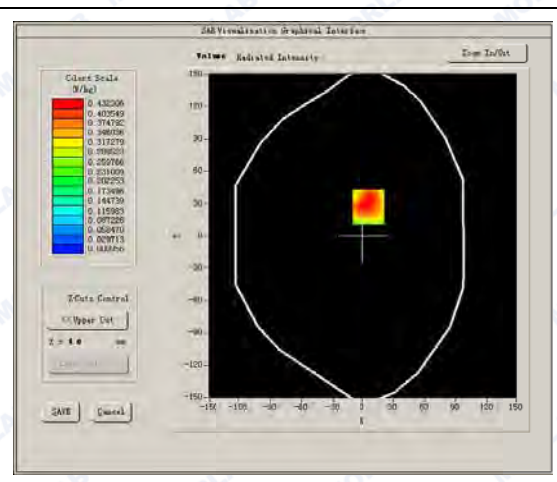
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift(%)	-1.540000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

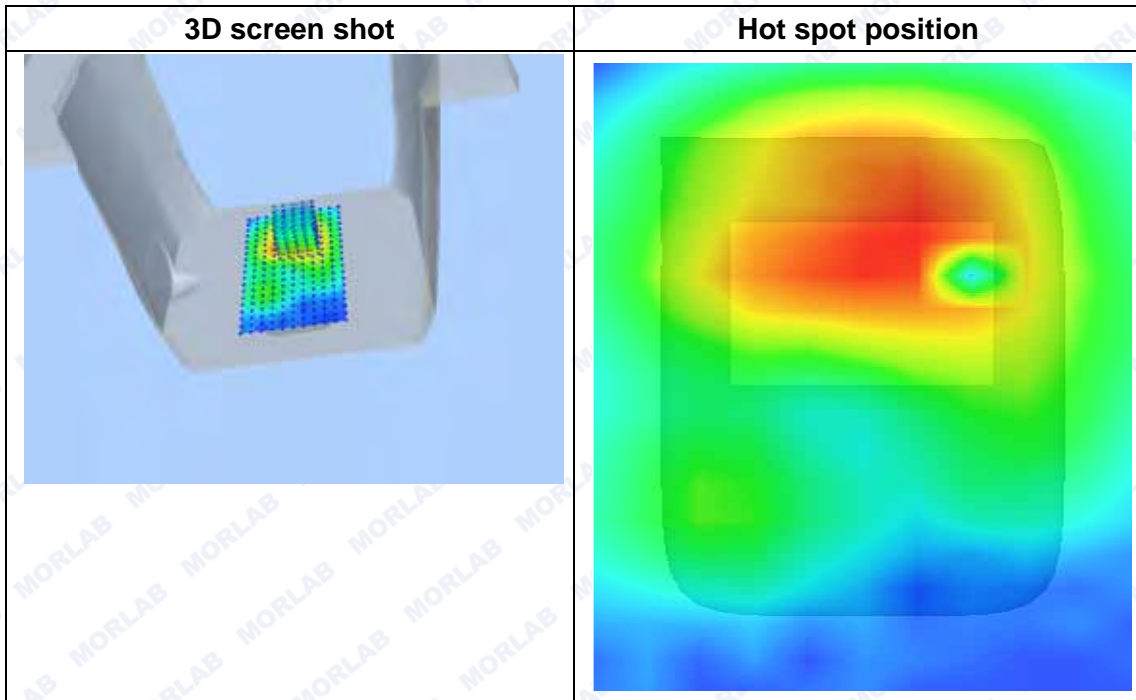
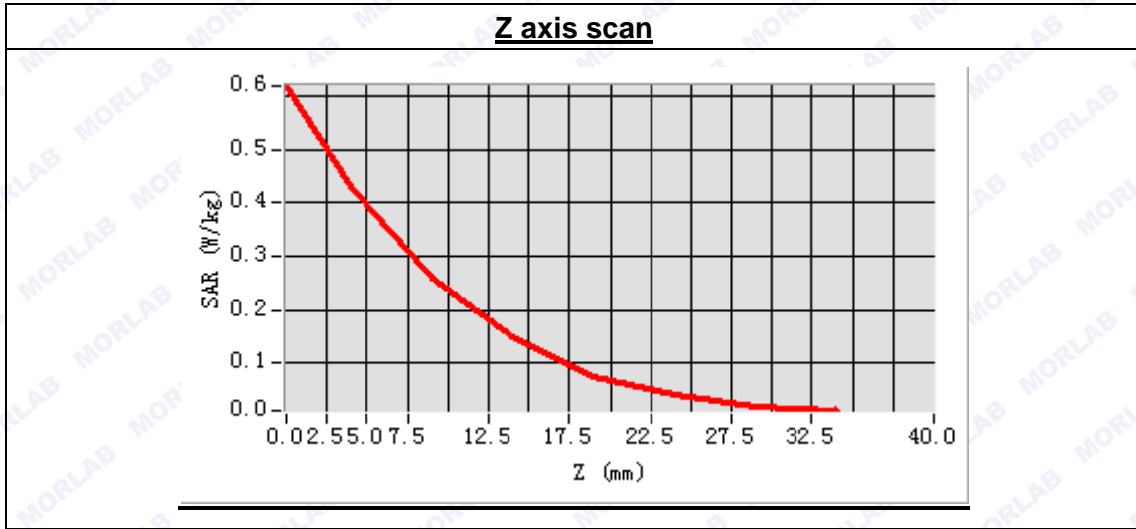




Maximum location: X=5.00, Y=27.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.240949
SAR 1g (W/Kg)	0.429850





**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

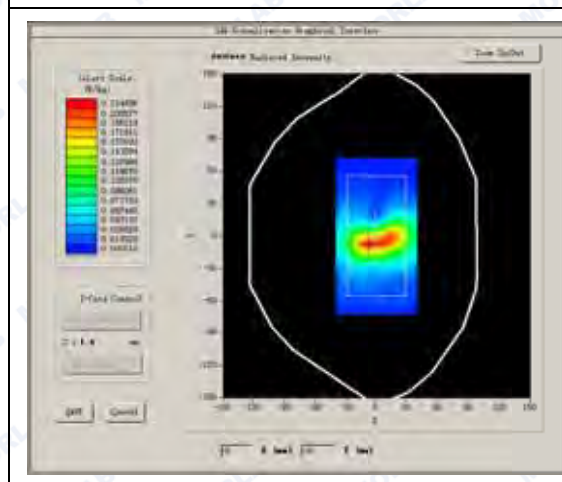
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Result**

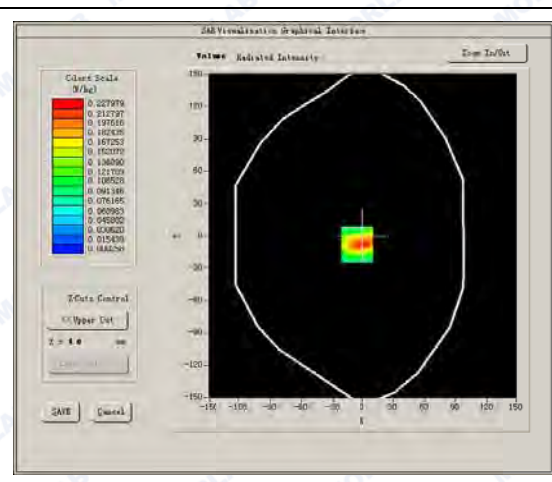
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift(%)	-1.540000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

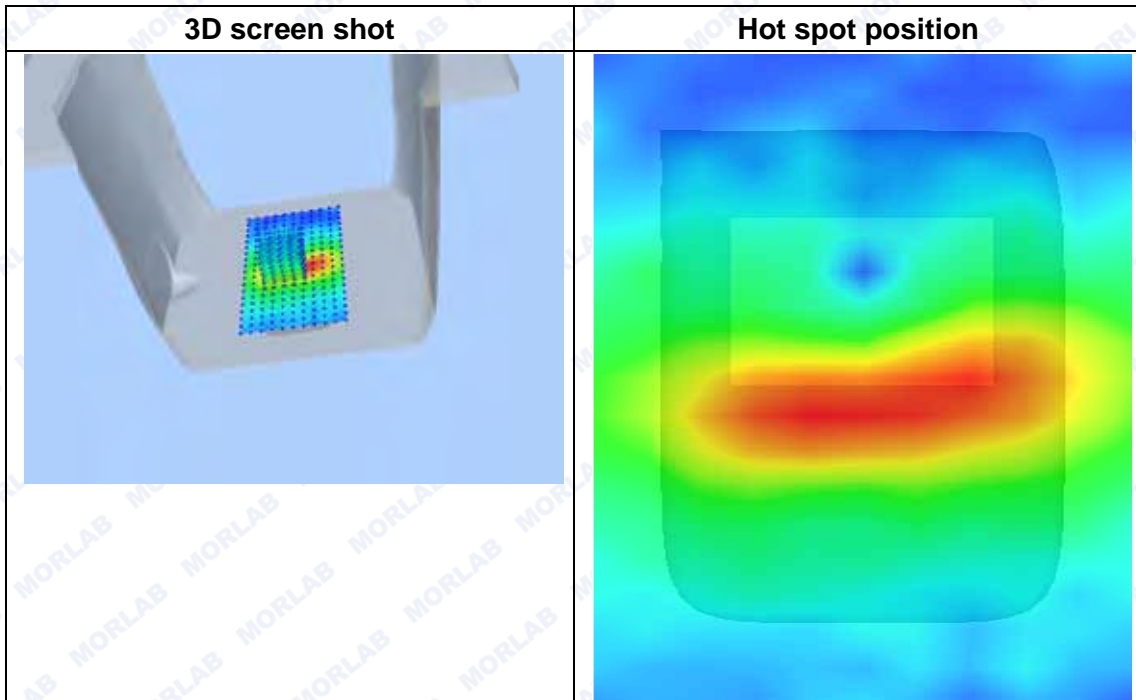
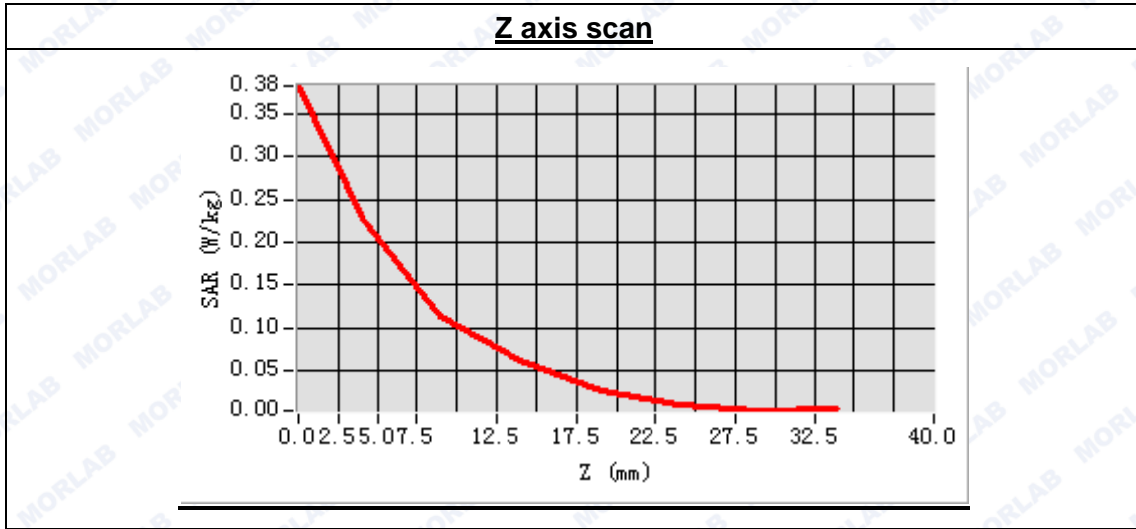




Maximum location: X=-6.00, Y=-8.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.103663
SAR 1g (W/Kg)	0.238488







**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

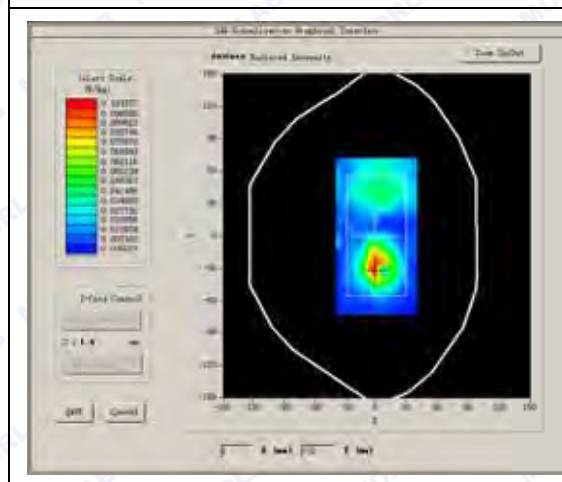
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Result**

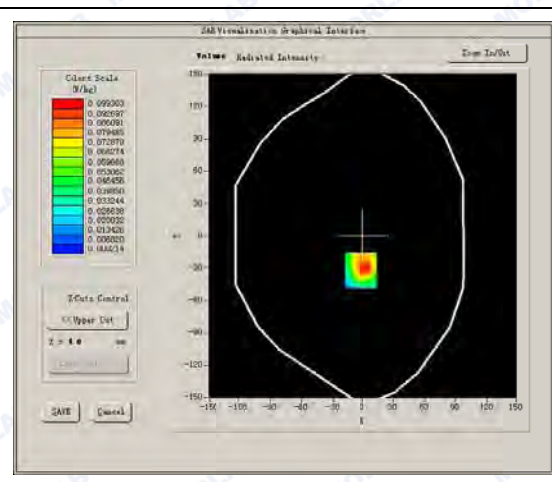
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift(%)	-1.540000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

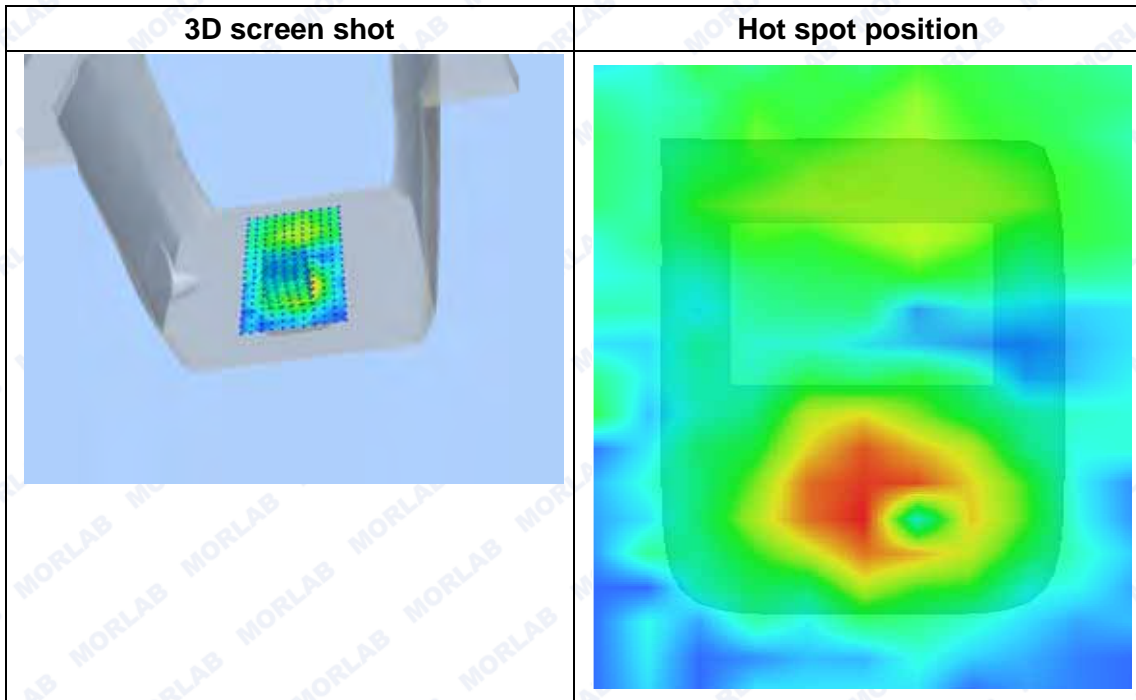
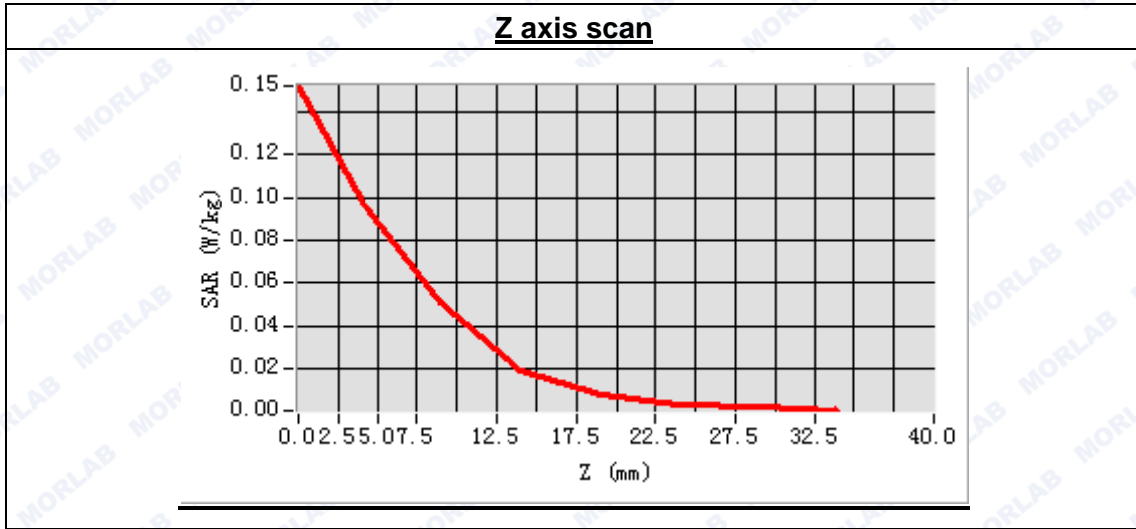




Maximum location: X=-2.00, Y=-32.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.046505
SAR 1g (W/Kg)	0.097728





**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: 2015.10.17

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

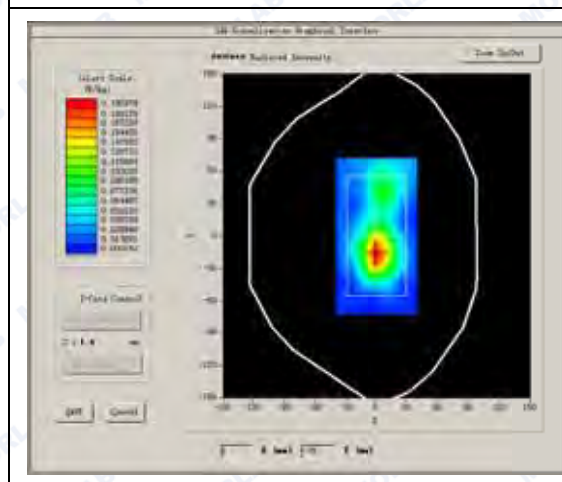
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	GSM1900
Channels	Middle
Signal	GPRS

**B. SAR Measurement Result**

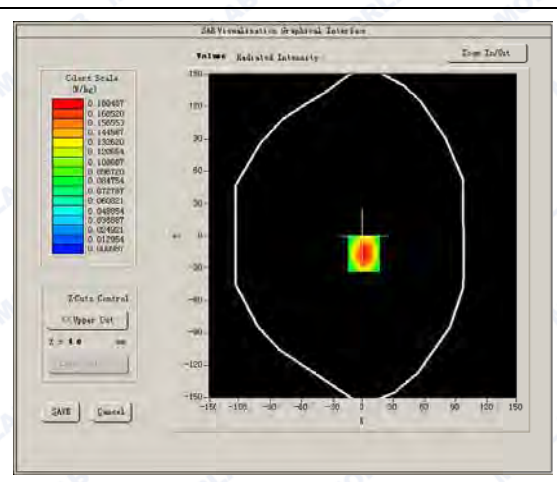
Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift(%)	-1.540000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:2

**SURFACE SAR**



**VOLUME SAR**

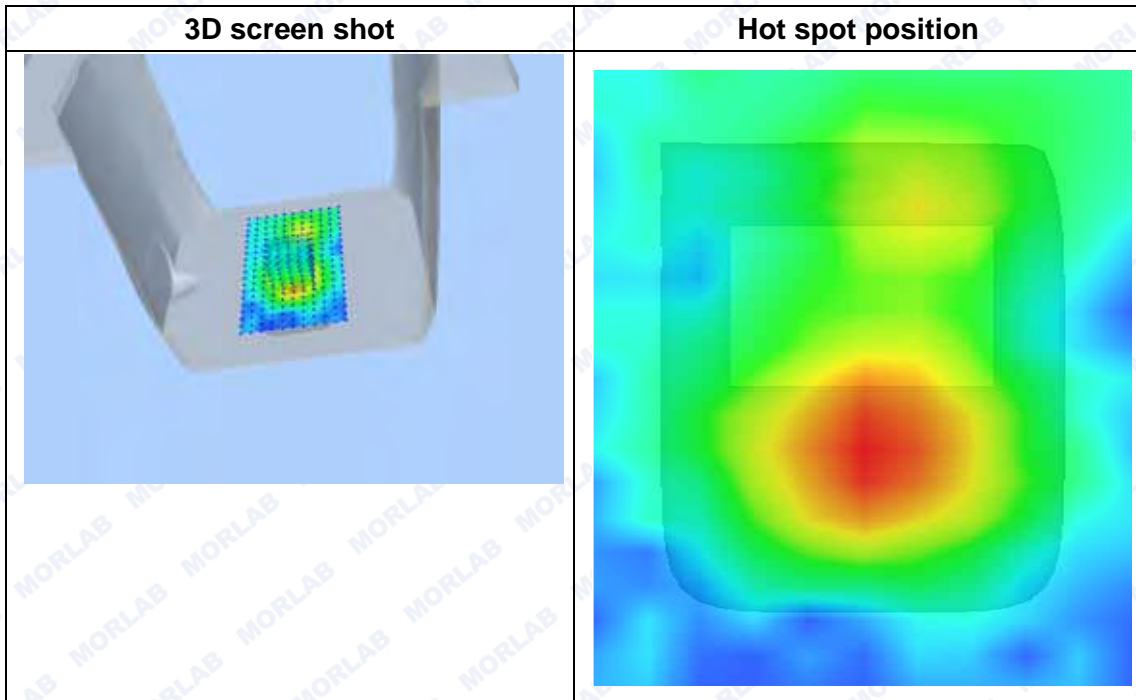
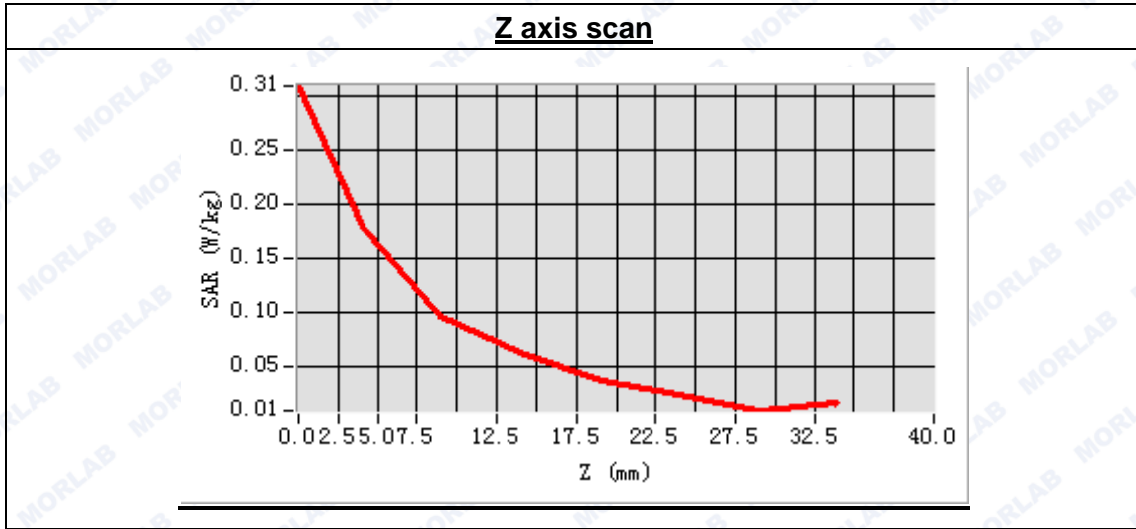




Maximum location: X=1.00, Y=-17.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.095570
SAR 1g (W/Kg)	0.182957





**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: 2015.10.16

Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

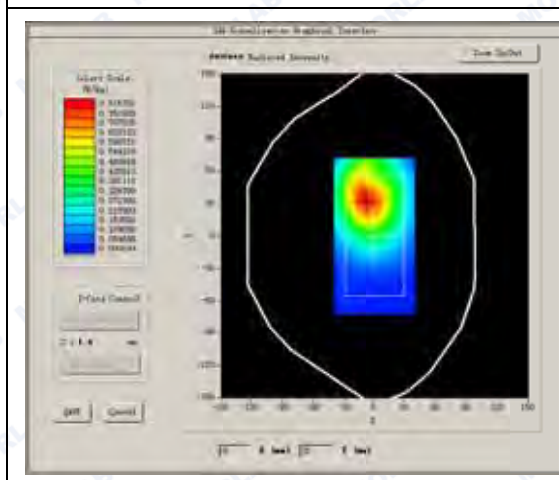
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

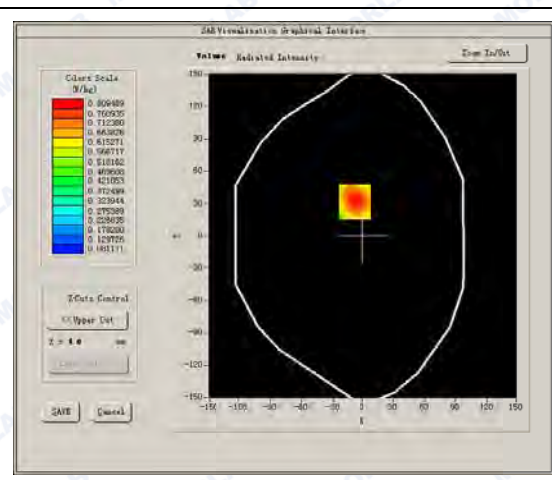
Low Band SAR (Channel 4132):

Frequency (MHz)	826.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

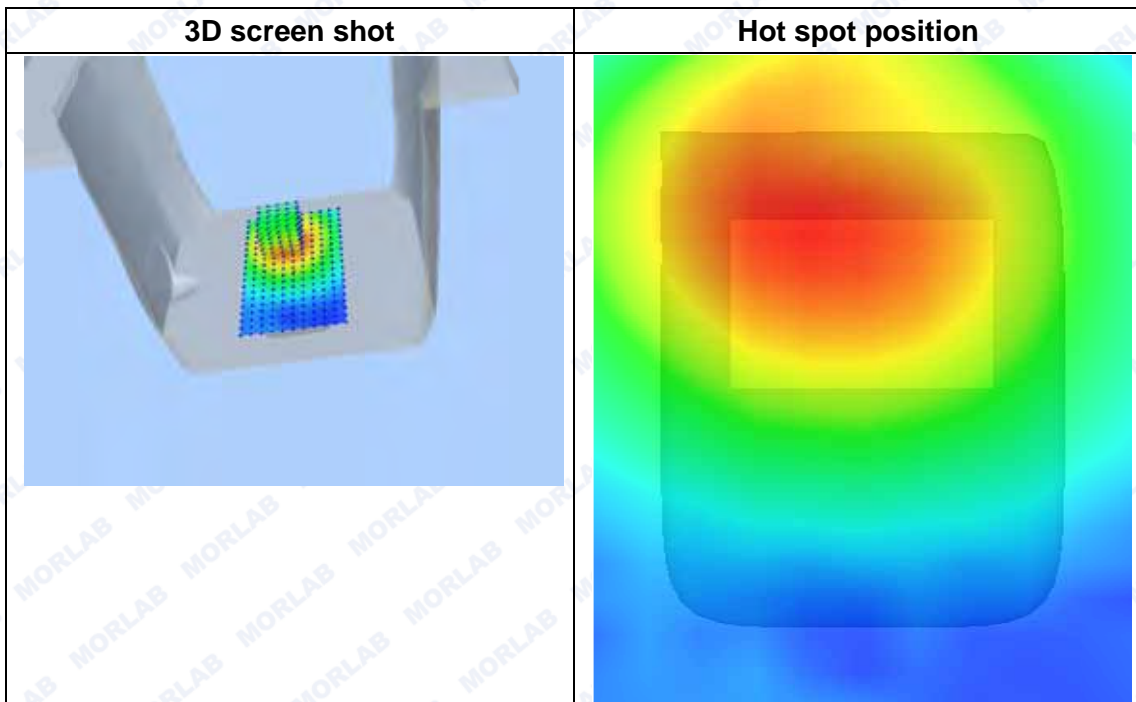
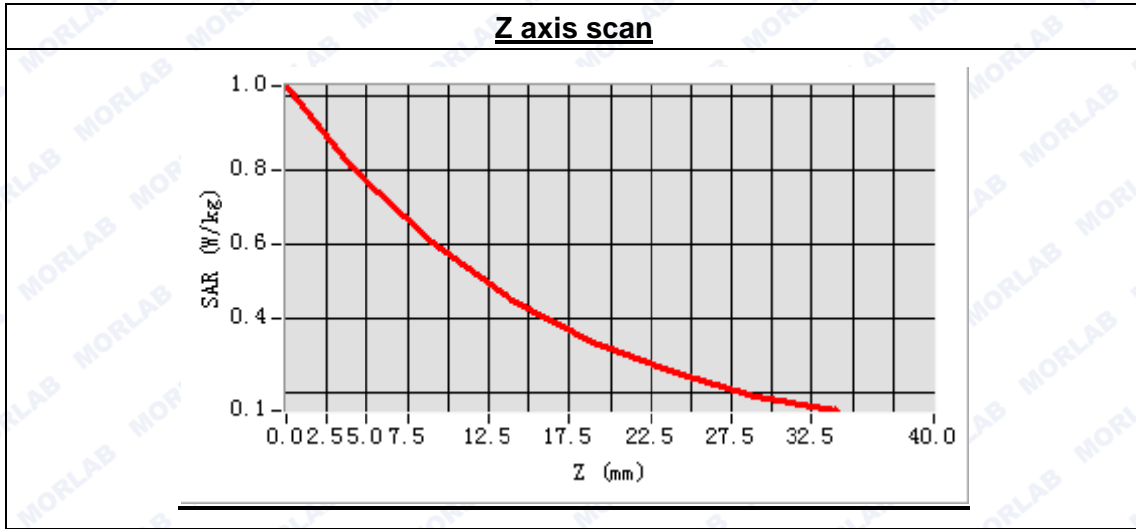




Maximum location: X=-8.00, Y=32.00

SAR Peak: 1.15 W/kg

SAR 10g (W/Kg)	0.605311
SAR 1g (W/Kg)	0.855614





**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: 2015.10.17  
 Measurement duration: 9 minutes 29 seconds

**A. Experimental conditions.**

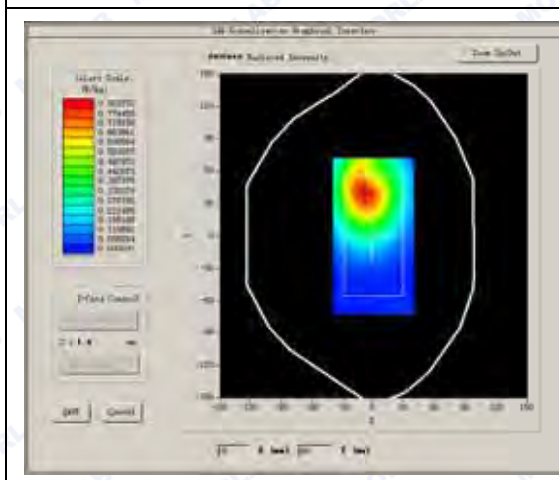
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

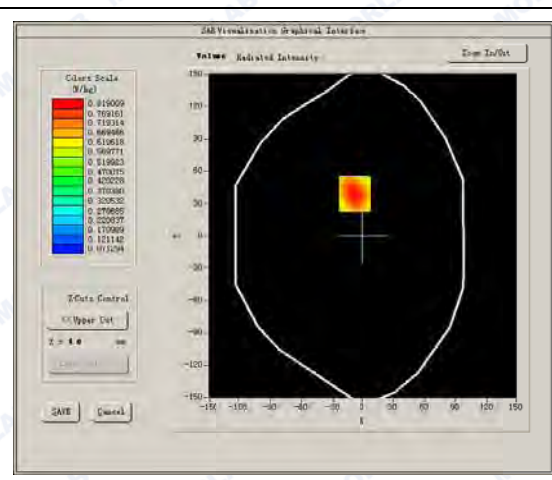
Middle Band SAR (Channel 4183):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

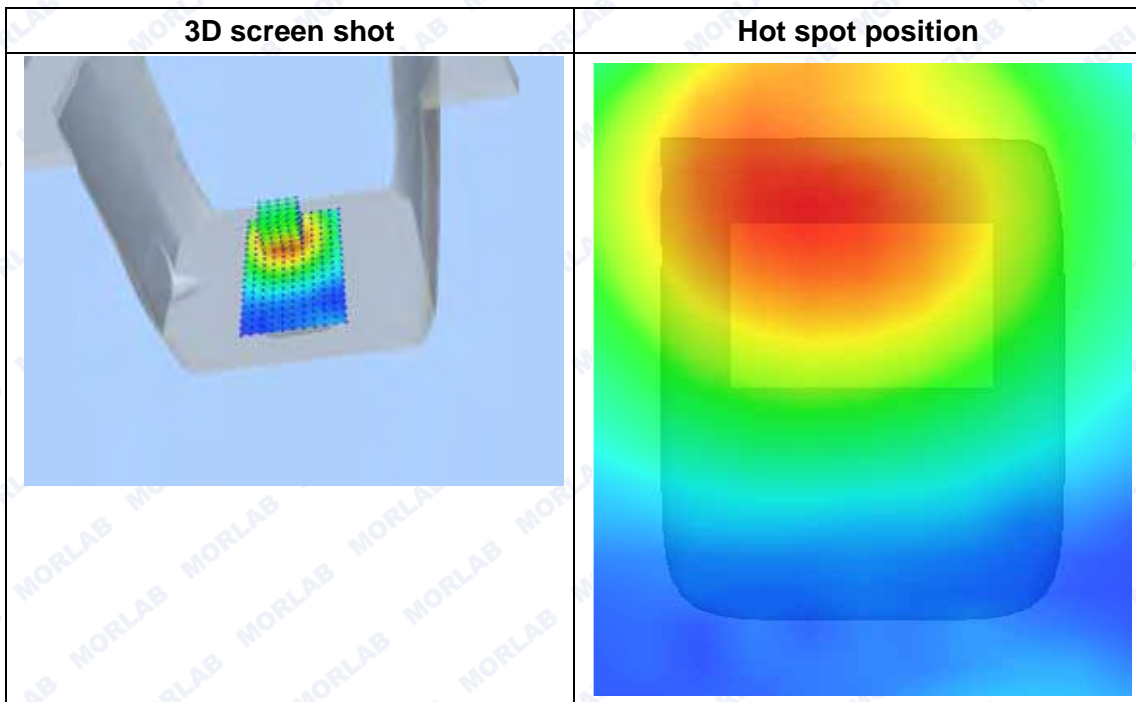
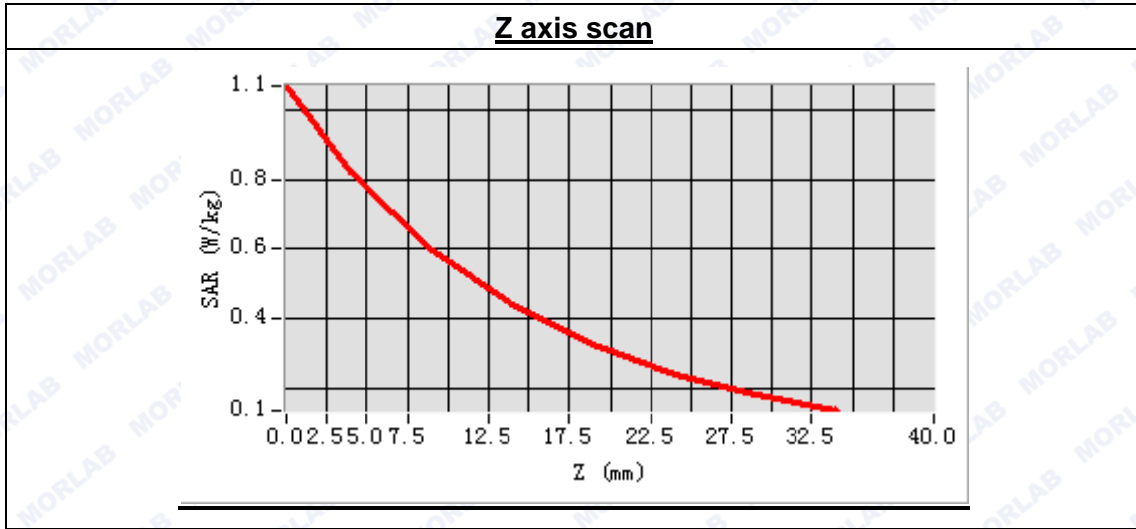




Maximum location: X=-8.00, Y=39.00

SAR Peak: 1.16 W/kg

SAR 10g (W/Kg)	0.600003
SAR 1g (W/Kg)	0.854796







**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

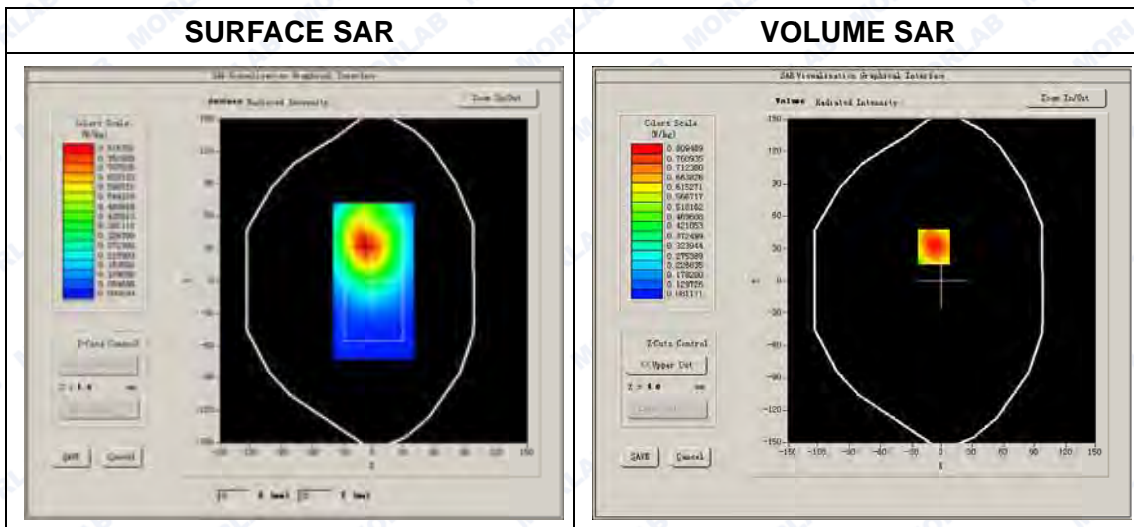
**A. Experimental conditions.**

<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>	High
<b>Signal</b>	CDMA

**B. SAR Measurement Results**

High Band SAR (Channel 4233):

<b>Frequency (MHz)</b>	848.000000
<b>Relative permittivity (real part)</b>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<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

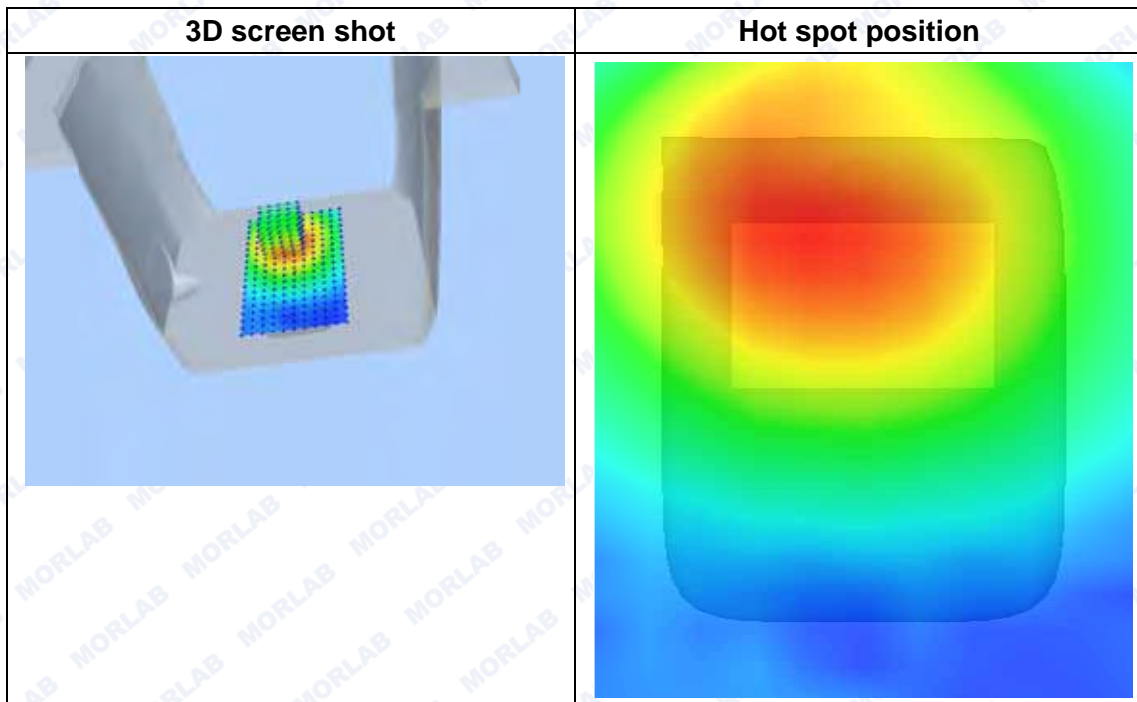
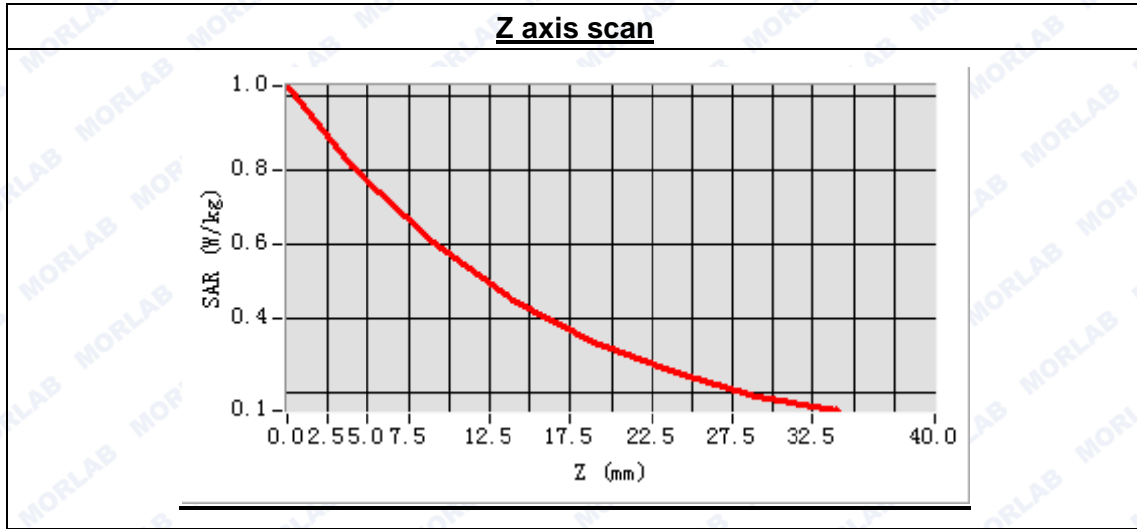




Maximum location: X=-8.00, Y=32.00

SAR Peak: 1.15 W/kg

SAR 10g (W/Kg)	0.605311
SAR 1g (W/Kg)	0.850614





**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: 2015.10.16  
Measurement duration: 9 minutes 28 seconds

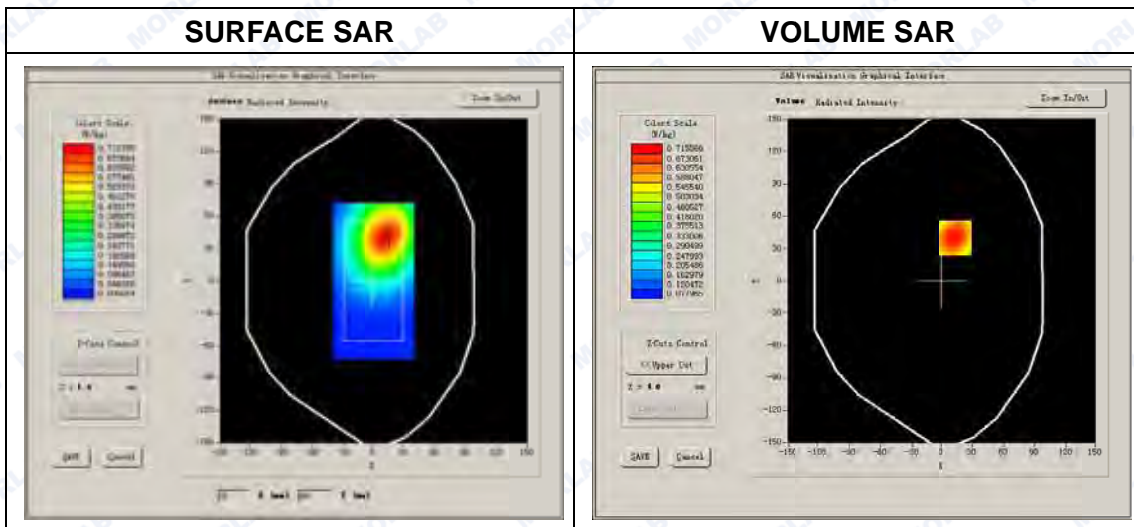
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4132):

Frequency (MHz)	826.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

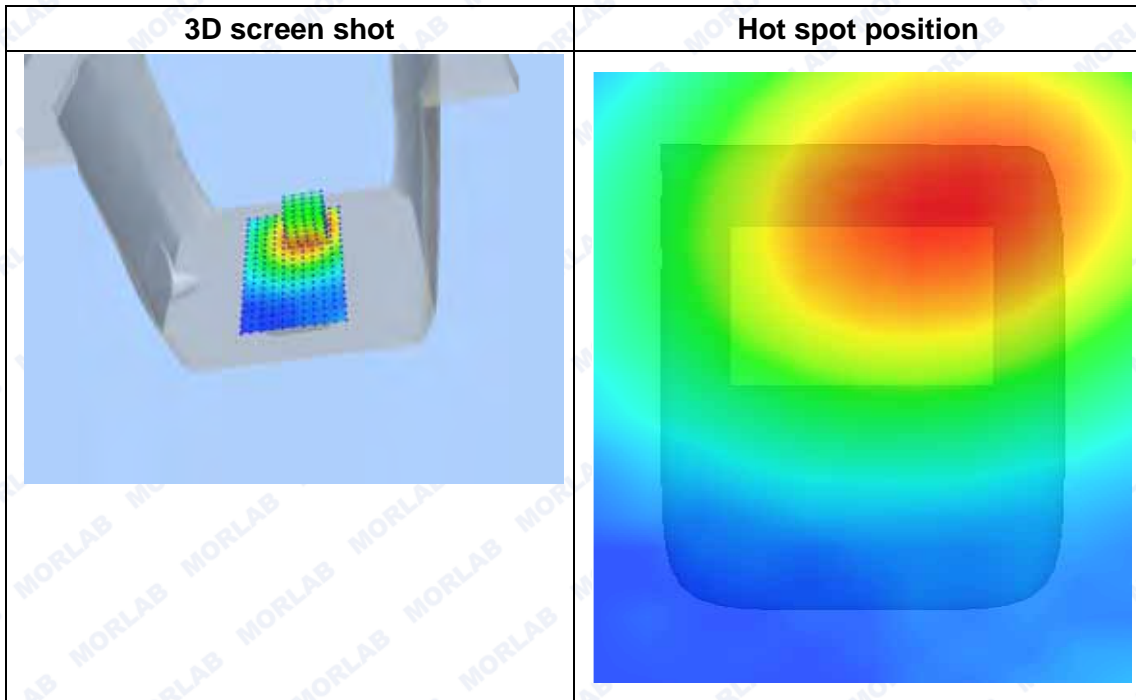
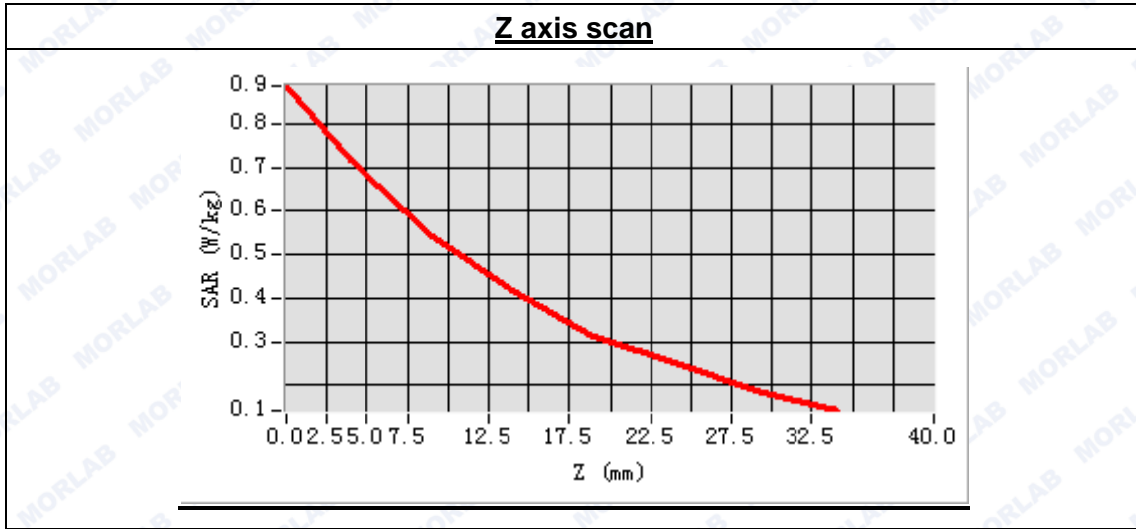




Maximum location: X=13.00, Y=40.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.538445
SAR 1g (W/Kg)	0.745057



**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: 2015.10.16

Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

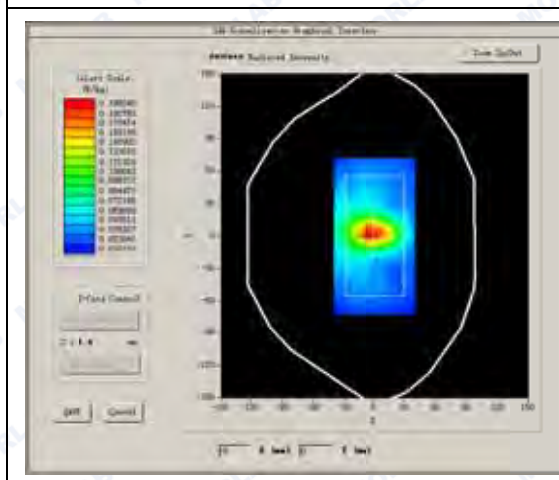
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

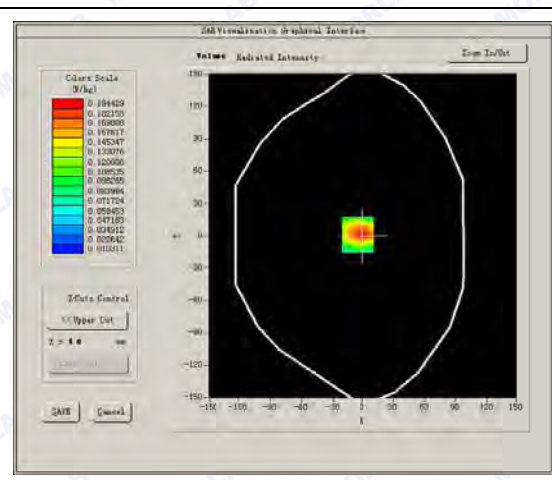
Low Band SAR (Channel 4132):

Frequency (MHz)	826.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

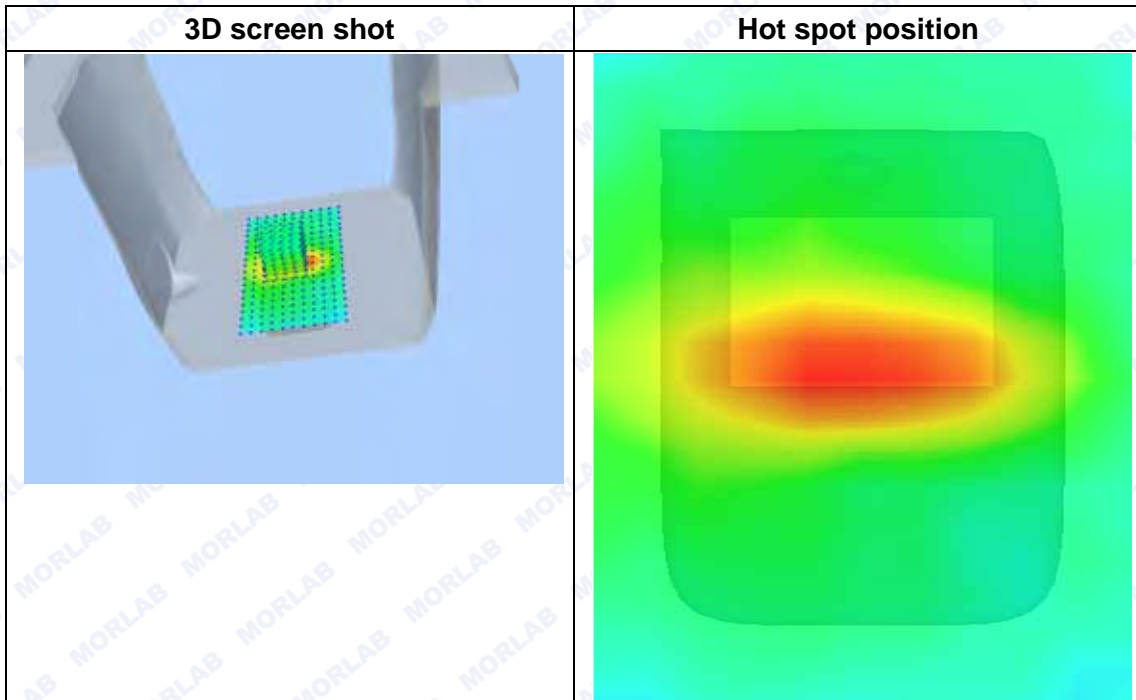
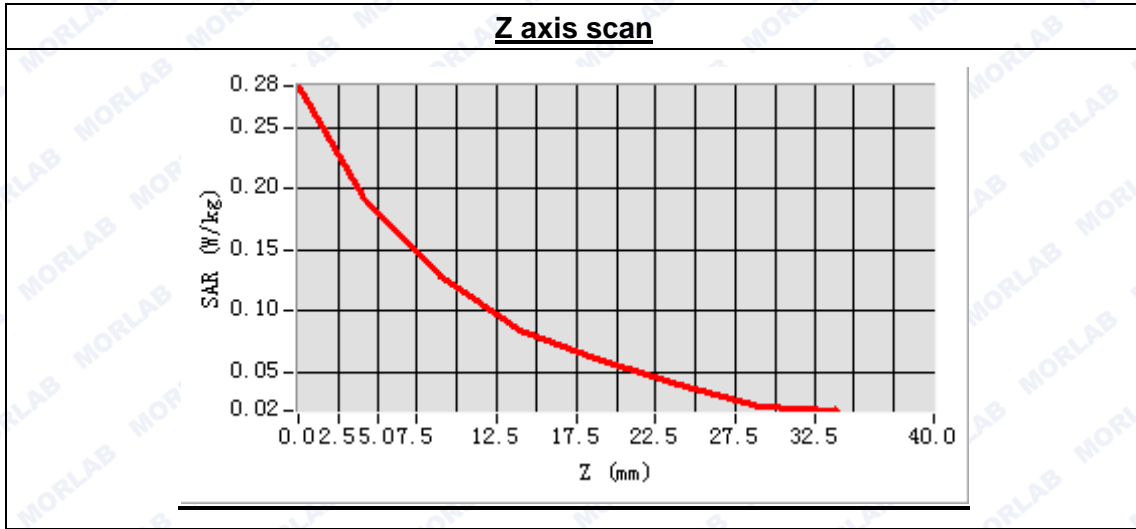




Maximum location: X=-5.00, Y=1.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.121029
SAR 1g (W/Kg)	0.201834





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

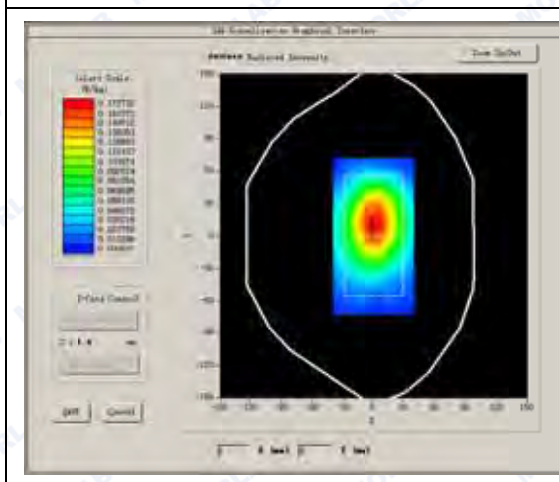
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

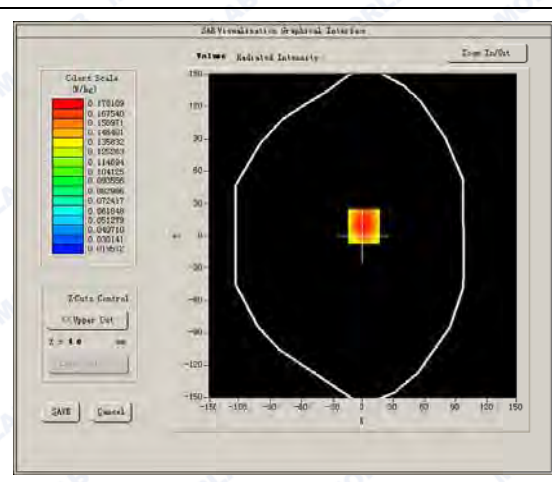
Low Band SAR (Channel 4132):

Frequency (MHz)	826.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**



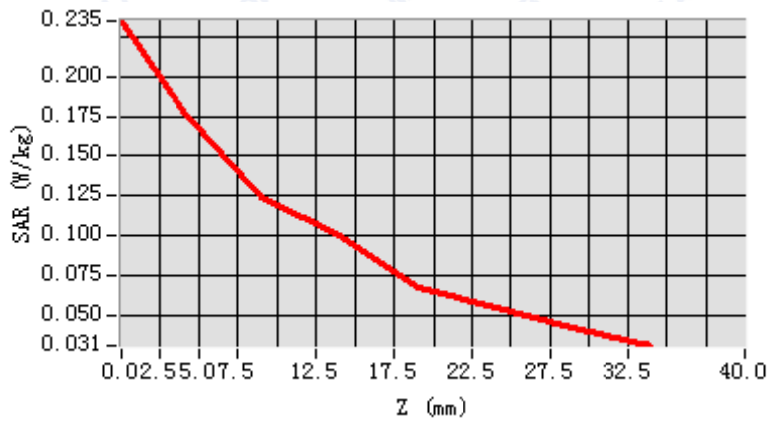


Maximum location: X=1.00, Y=9.00

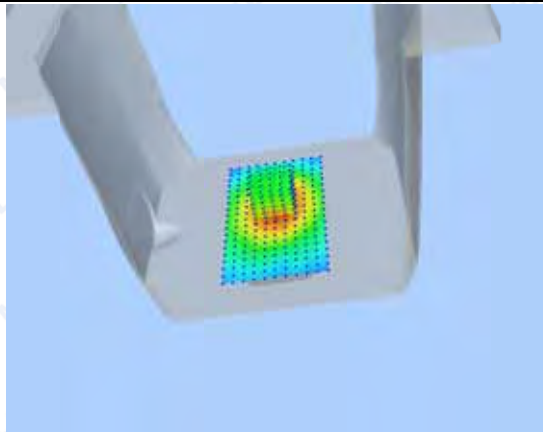
SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.127268
SAR 1g (W/Kg)	0.183642

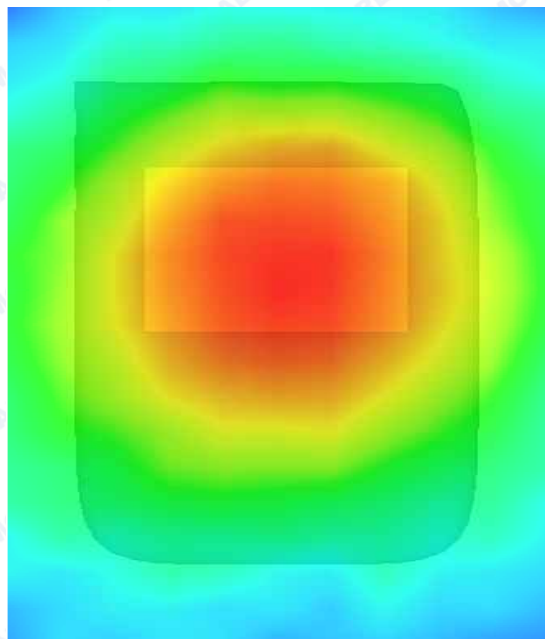
**Z axis scan**



**3D screen shot**



**Hot spot position**







**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

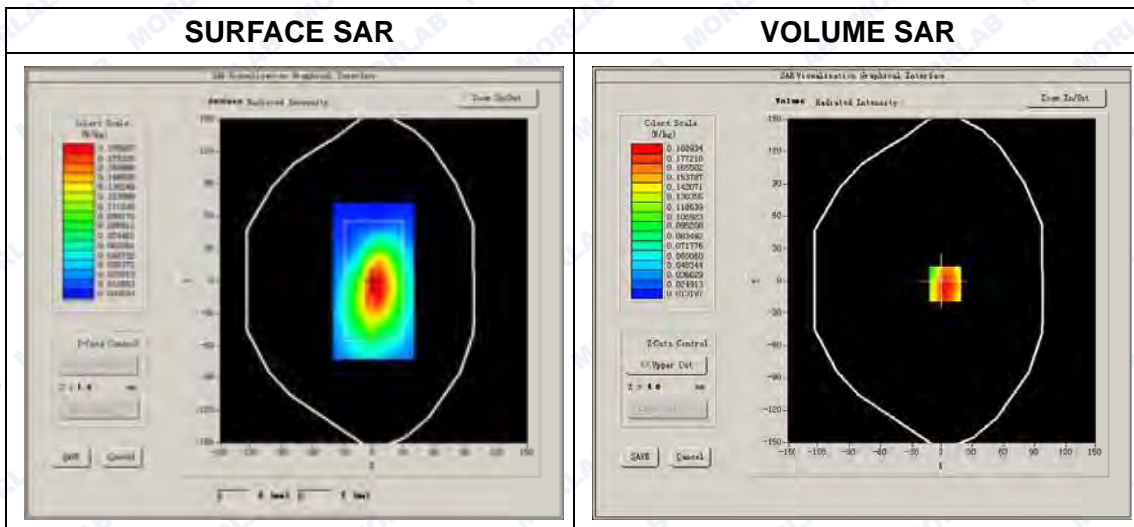
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 4132):

Frequency (MHz)	826.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

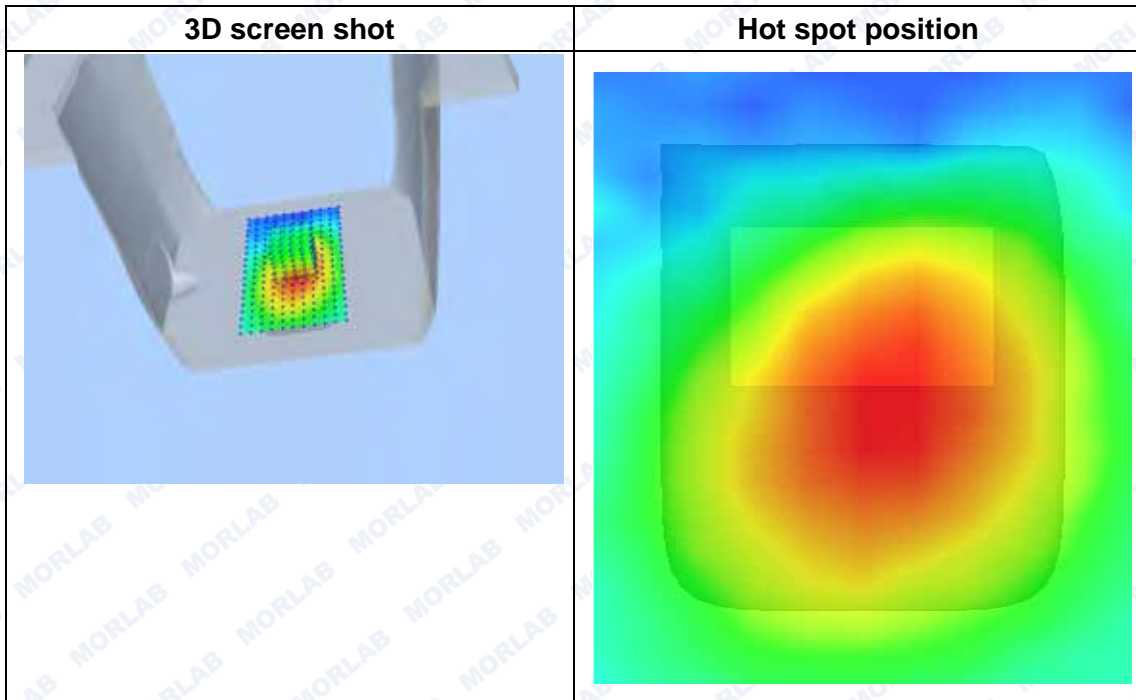
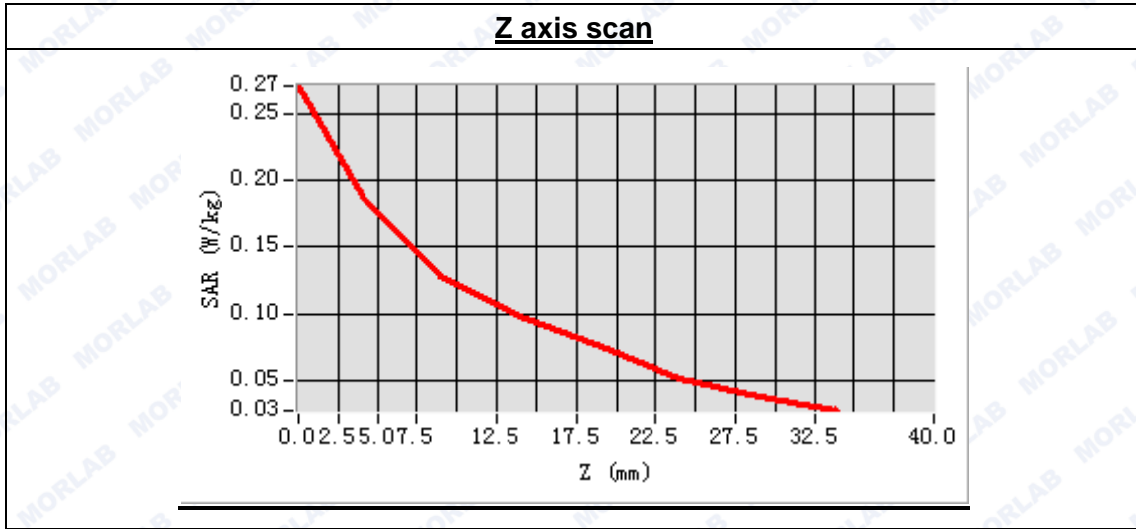




Maximum location: X=3.00, Y=-3.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.134054
SAR 1g (W/Kg)	0.200629





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

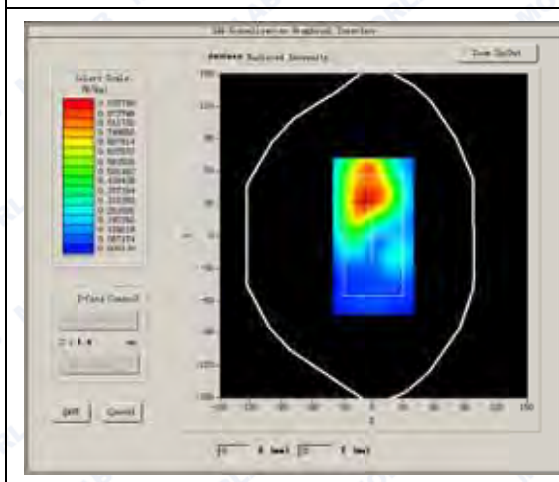
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

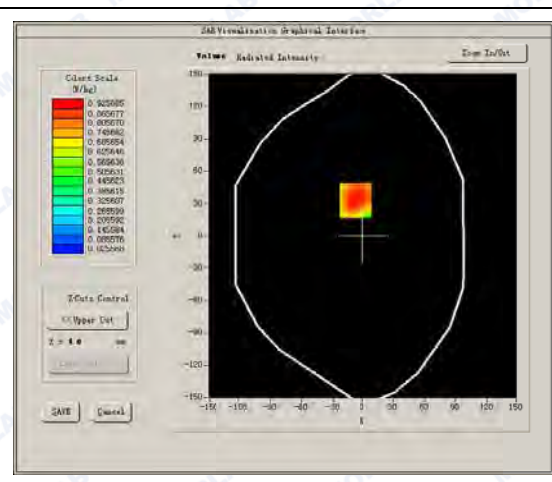
Low Band SAR (Channel 9262):

Frequency (MHz)	1852.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

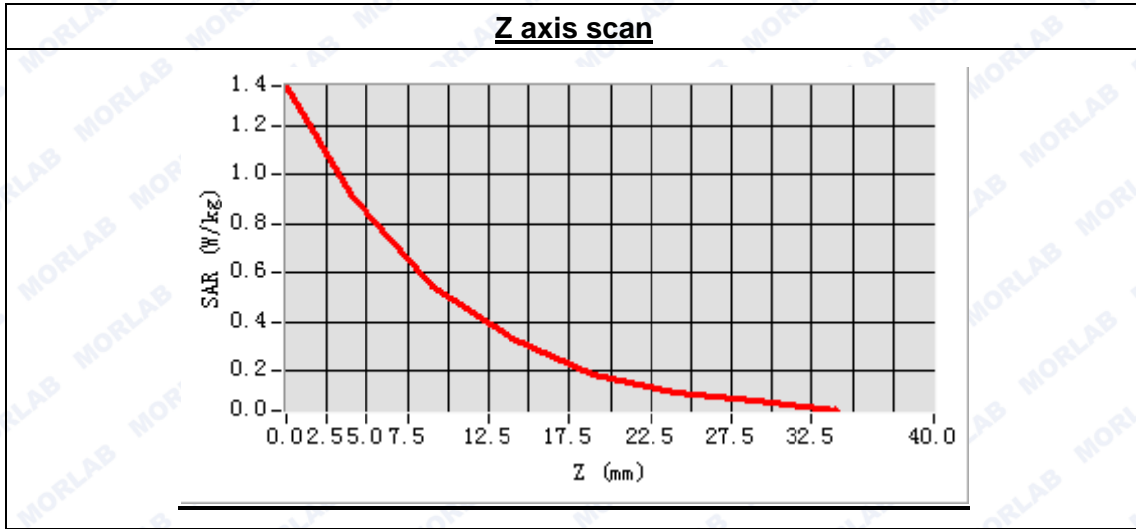




Maximum location: X=-7.00, Y=33.00

SAR Peak: 1.52 W/kg

SAR 10g (W/Kg)	0.460735
SAR 1g (W/Kg)	0.927222



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



**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

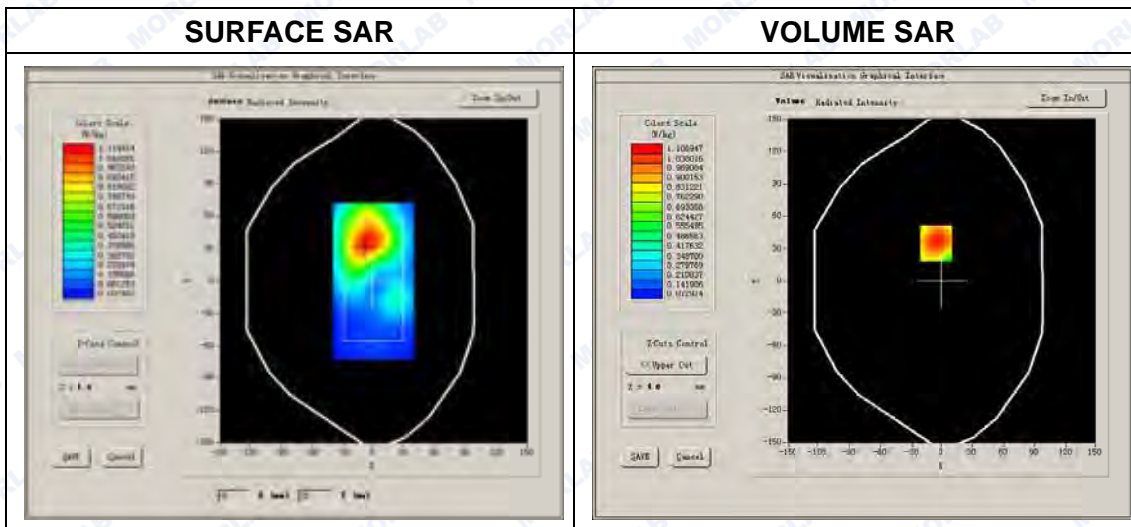
**A. Experimental conditions.**

<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>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<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

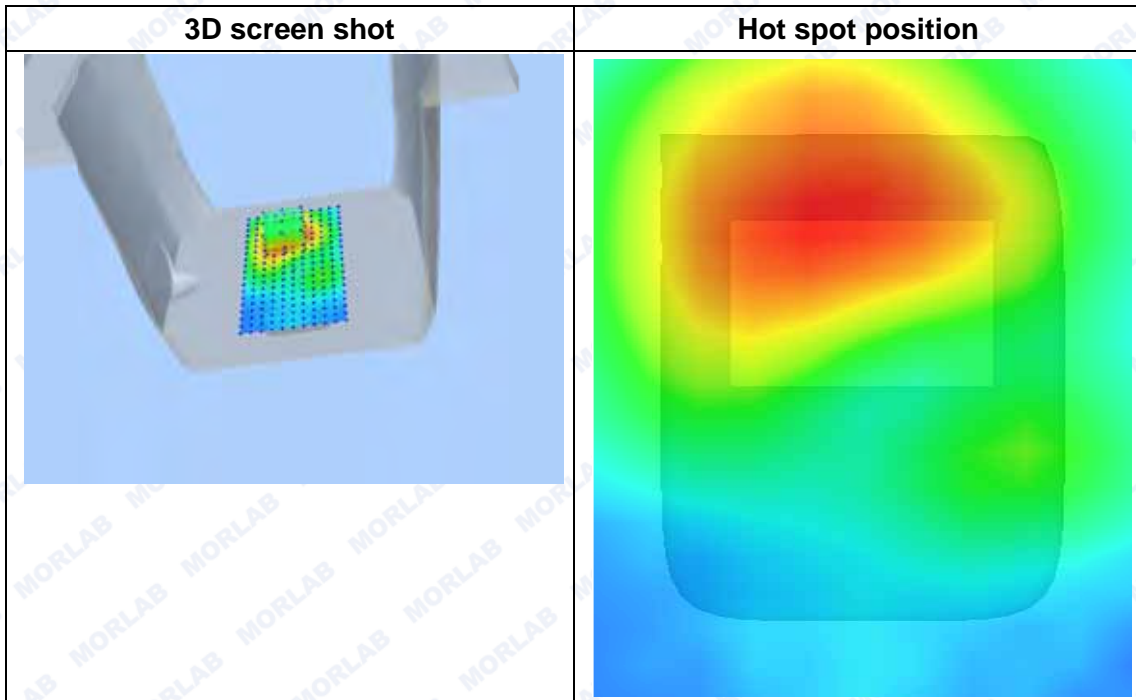
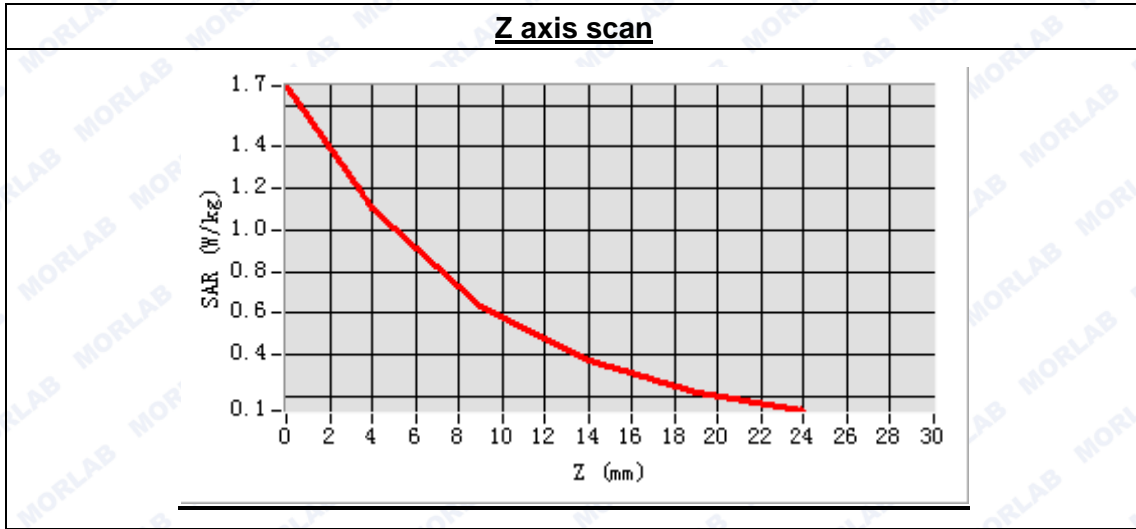




Maximum location: X=-6.00, Y=35.00

SAR Peak: 1.85 W/kg

SAR 10g (W/Kg)	0.673418
SAR 1g (W/Kg)	1.148352



**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: 2015.10.16

Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

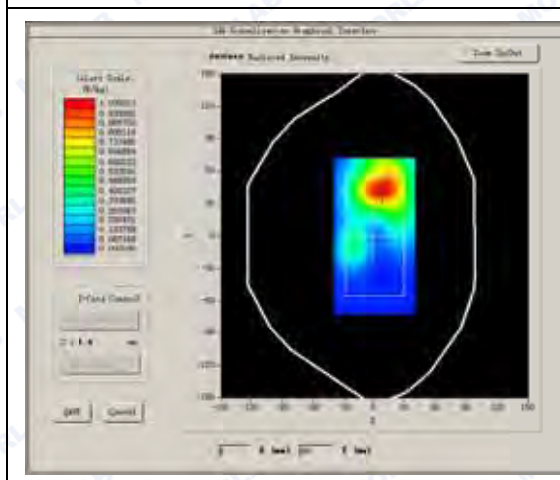
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	CDMA

**B. SAR Measurement Results**

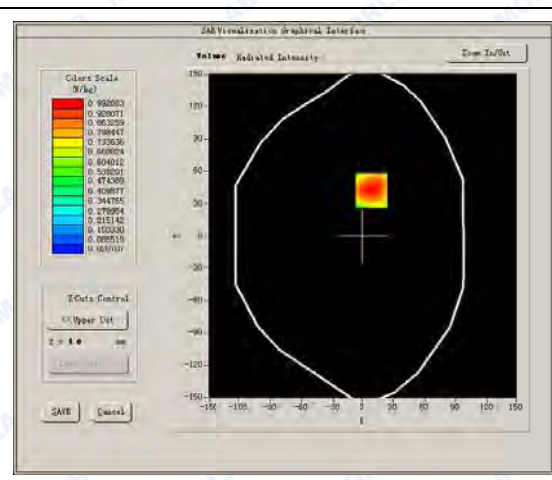
High Band SAR (Channel 9538):

Frequency (MHz)	1907.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

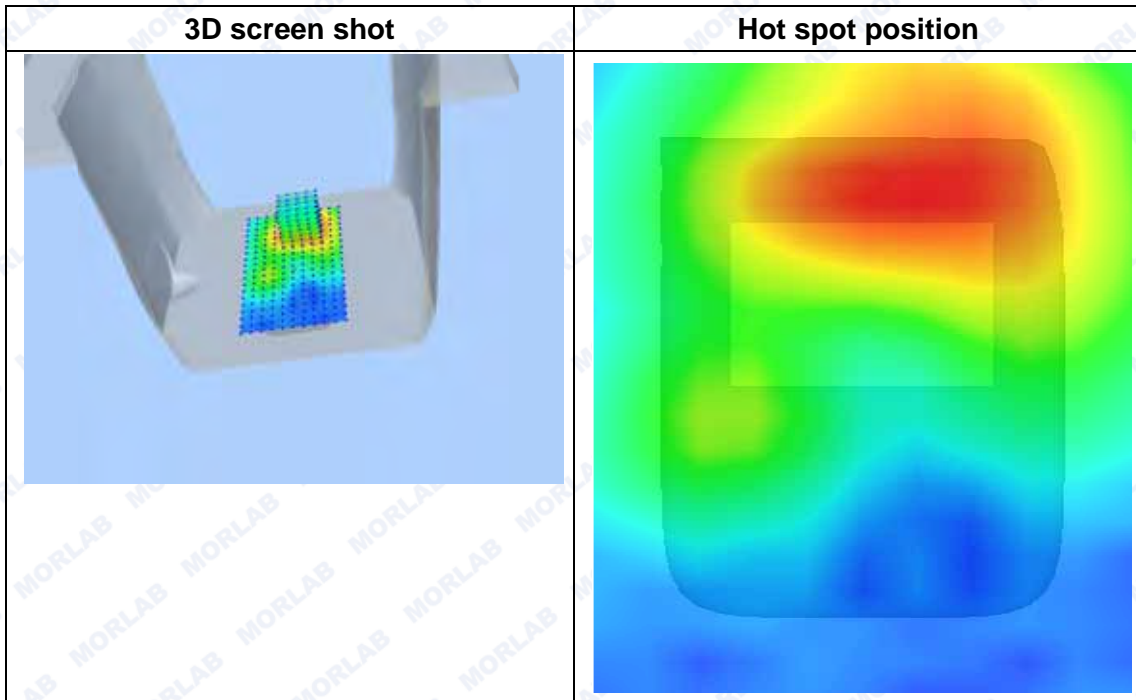
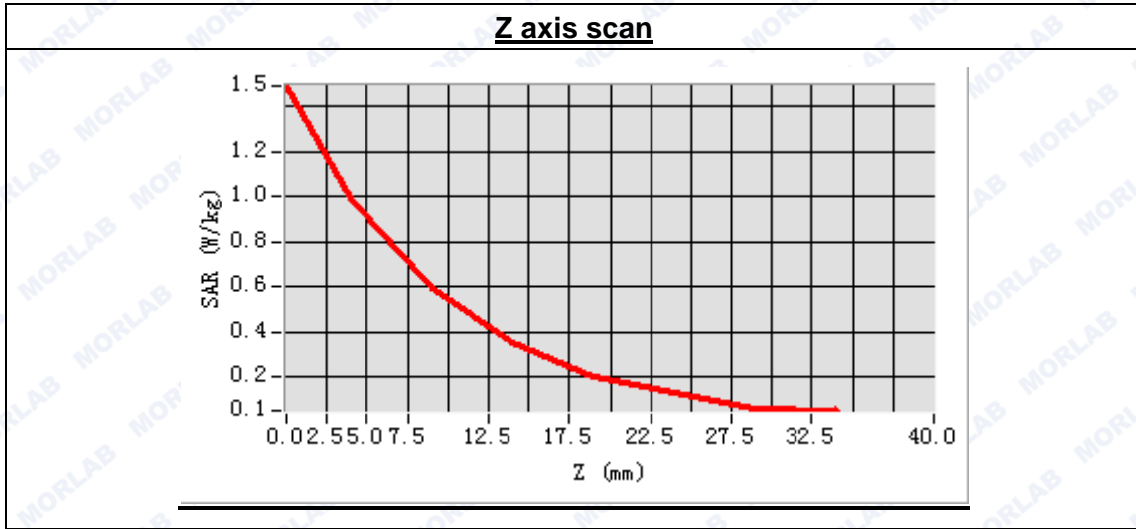




Maximum location: X=8.00, Y=42.00

SAR Peak: 1.66 W/kg

SAR 10g (W/Kg)	0.504001
SAR 1g (W/Kg)	1.013262





**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: 2015.10.16

Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

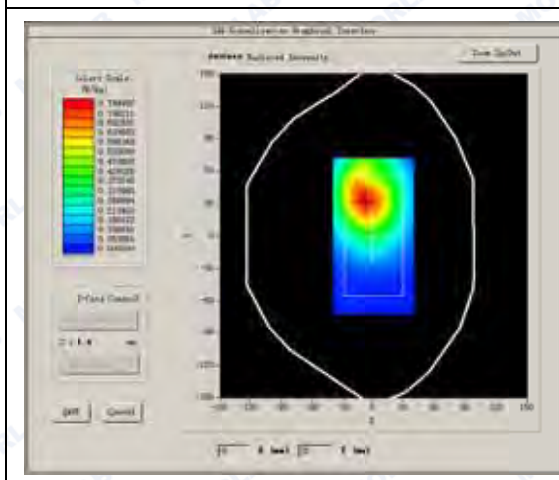
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Low
Signal	CDMA

**B. SAR Measurement Results**

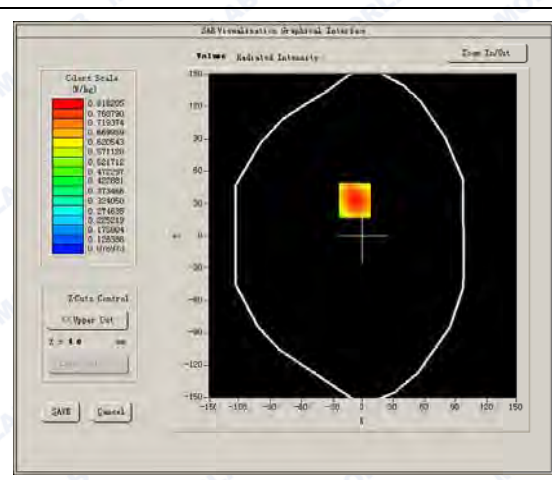
Low Band SAR (Channel 9262):

Frequency (MHz)	1852.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

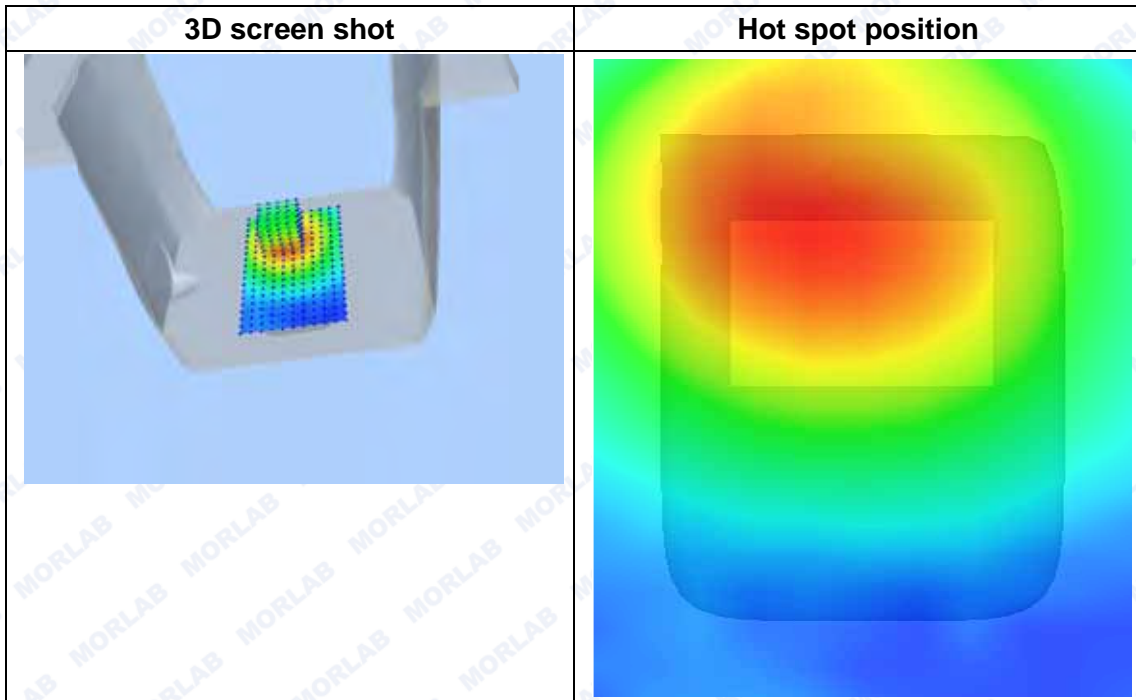
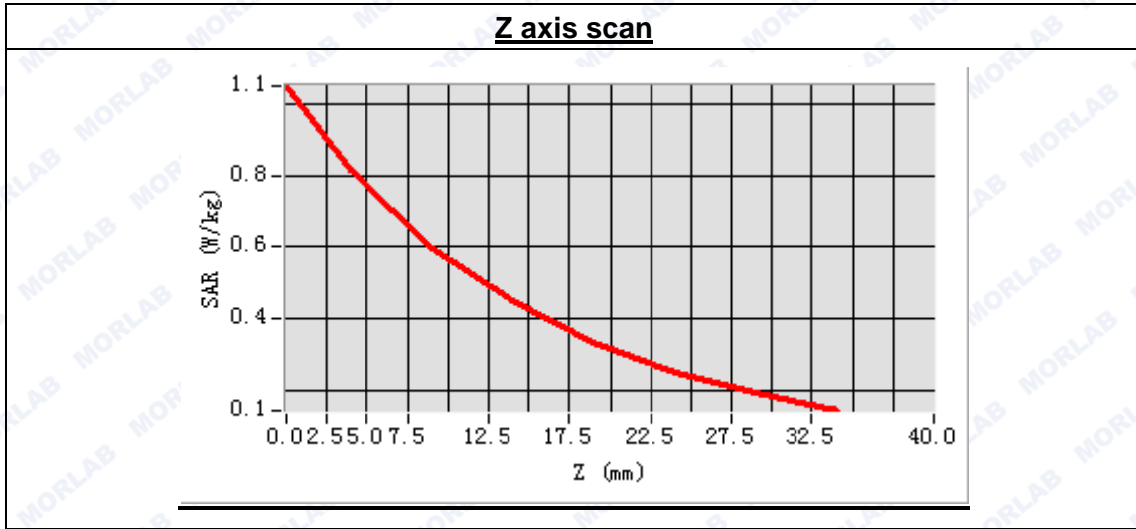




Maximum location: X=-8.00, Y=33.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.401822
SAR 1g (W/Kg)	0.843519





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

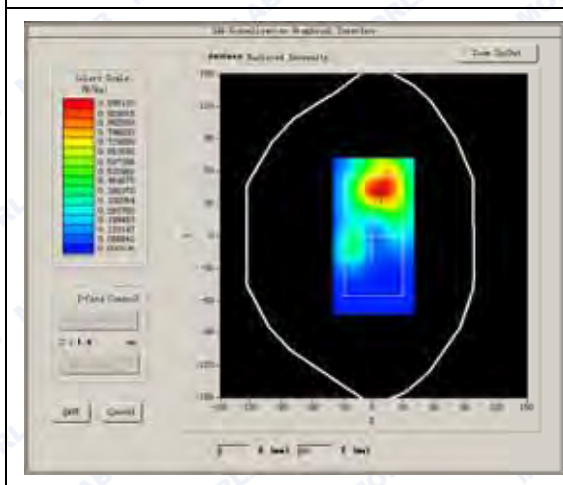
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

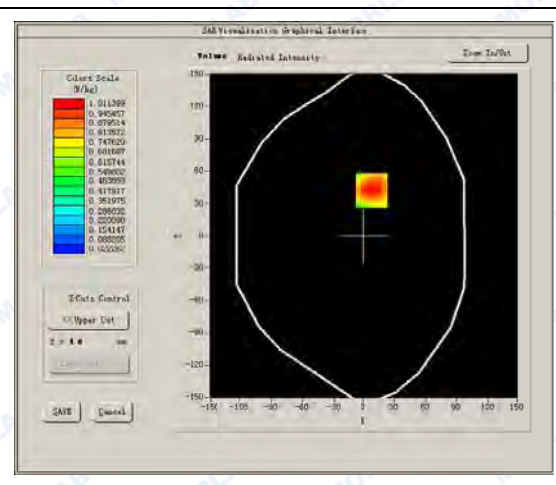
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

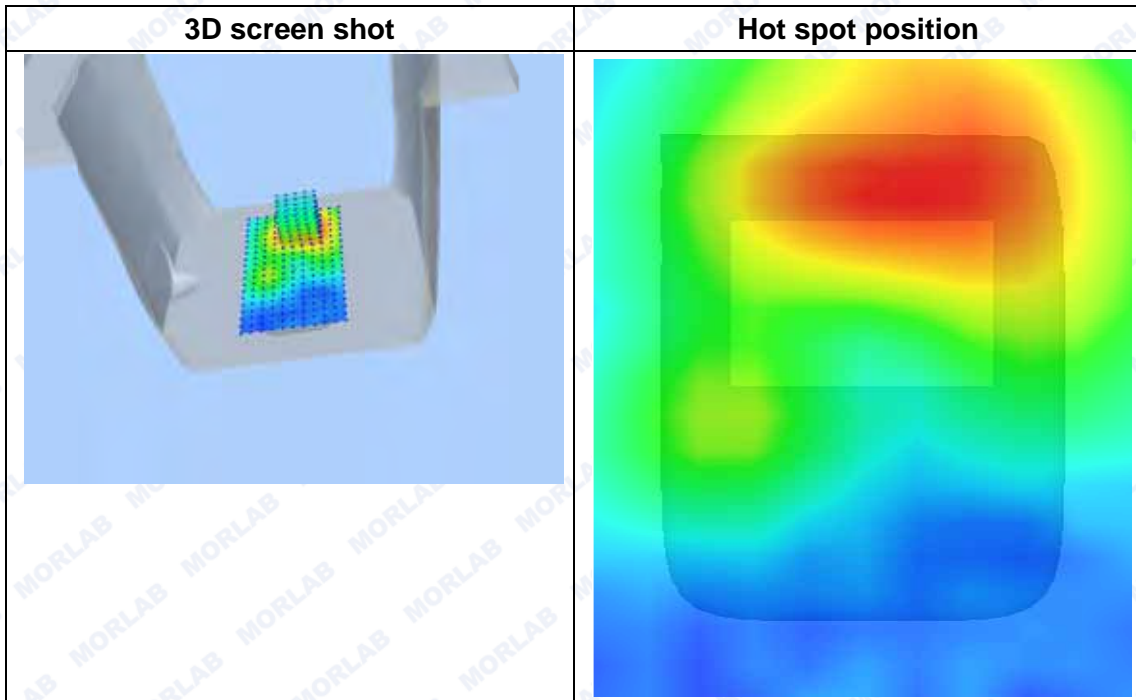
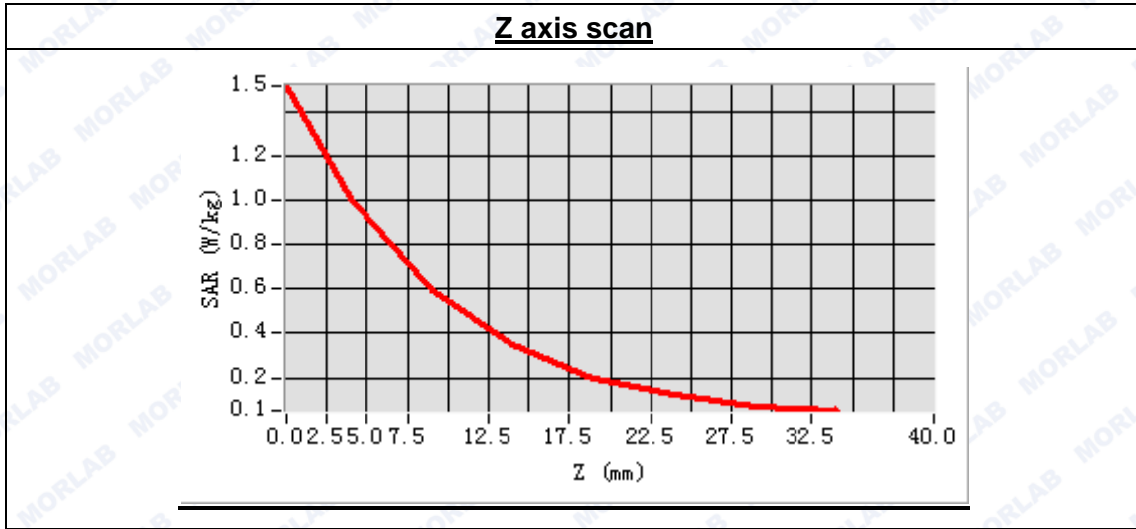




Maximum location: X=7.00, Y=42.00

SAR Peak: 1.68 W/kg

SAR 10g (W/Kg)	0.608388
SAR 1g (W/Kg)	1.053283





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

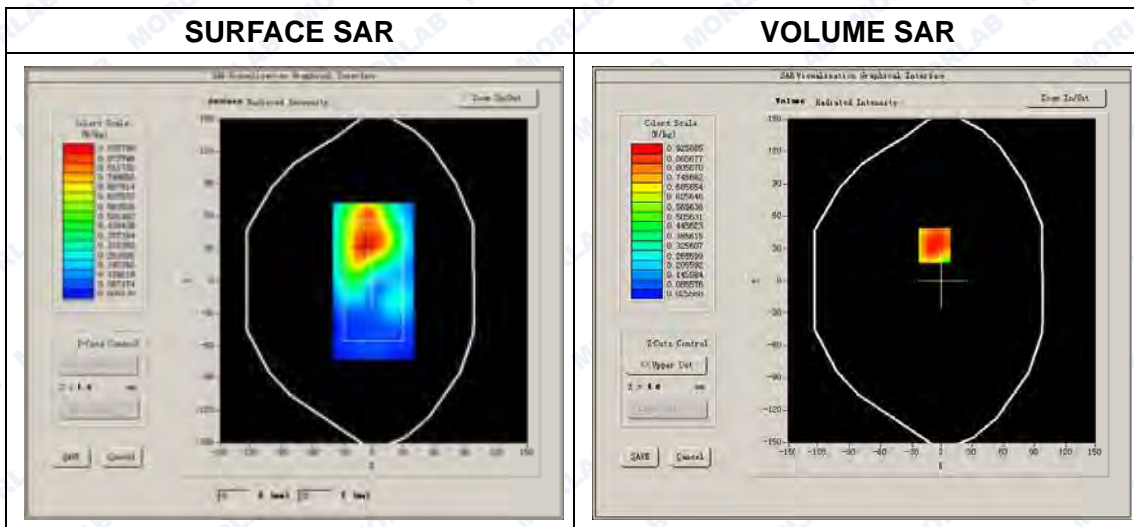
**A. Experimental conditions.**

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)	1907.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

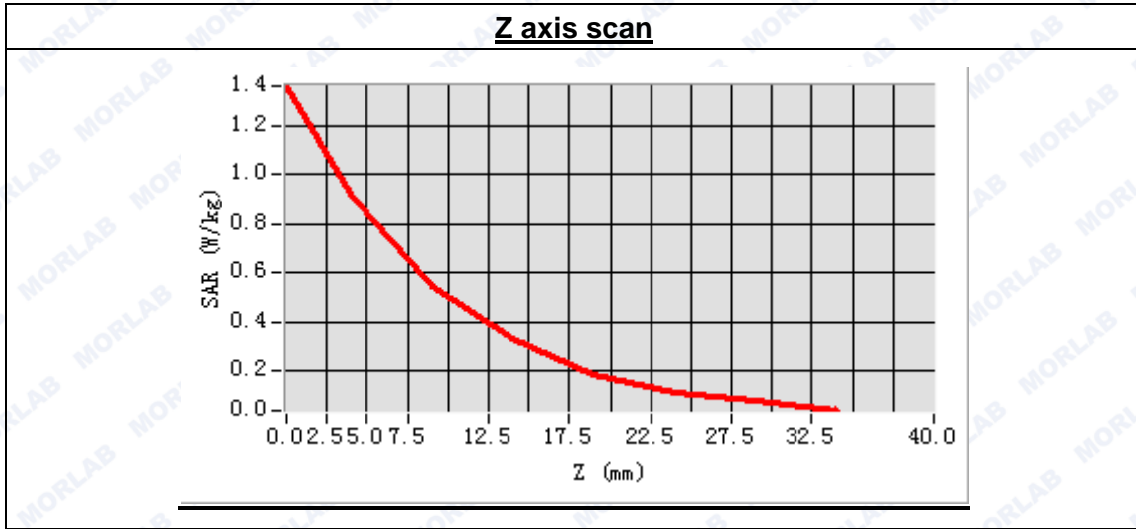




Maximum location: X=-7.00, Y=33.00

SAR Peak: 1.52 W/kg

SAR 10g (W/Kg)	0.570826
SAR 1g (W/Kg)	0.968229



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



**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

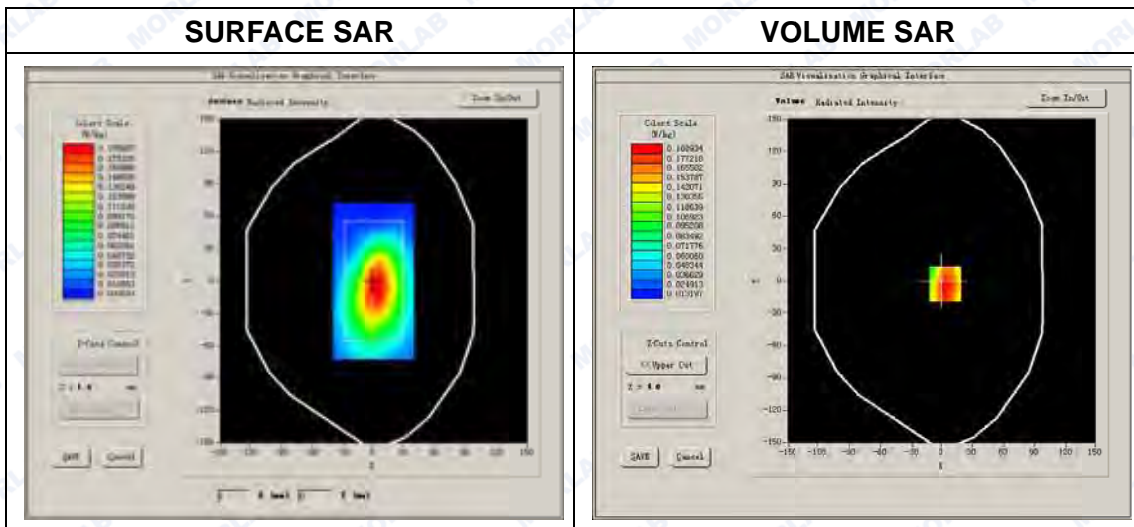
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 9262):

Frequency (MHz)	1852.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

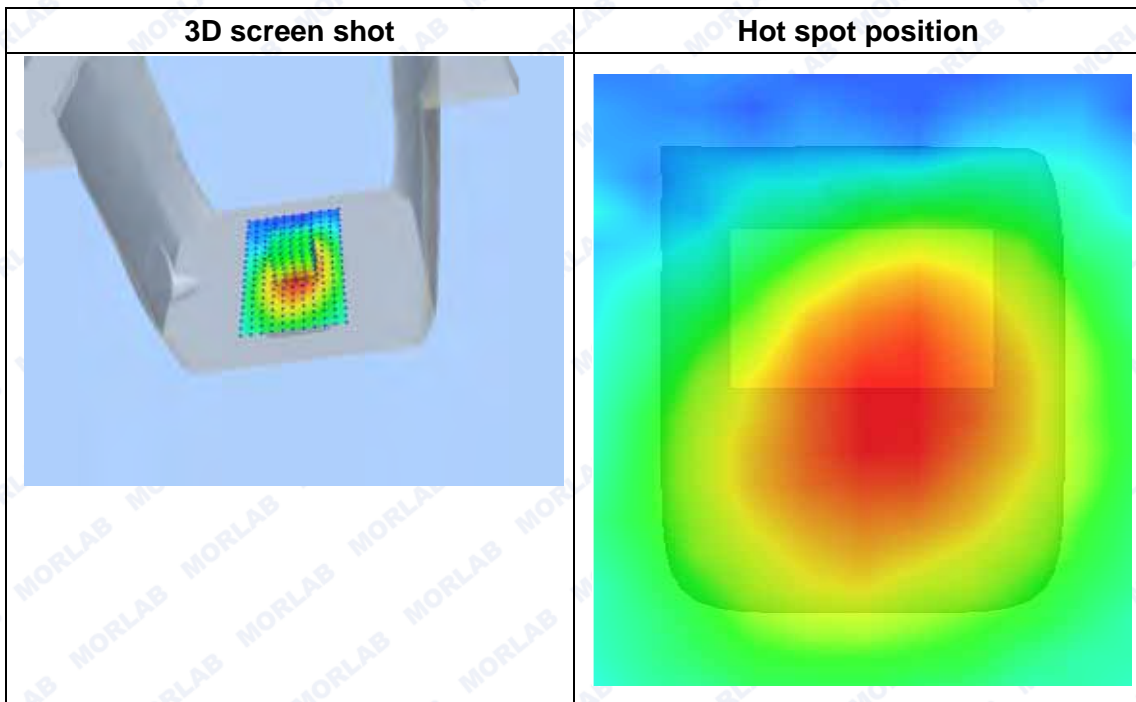
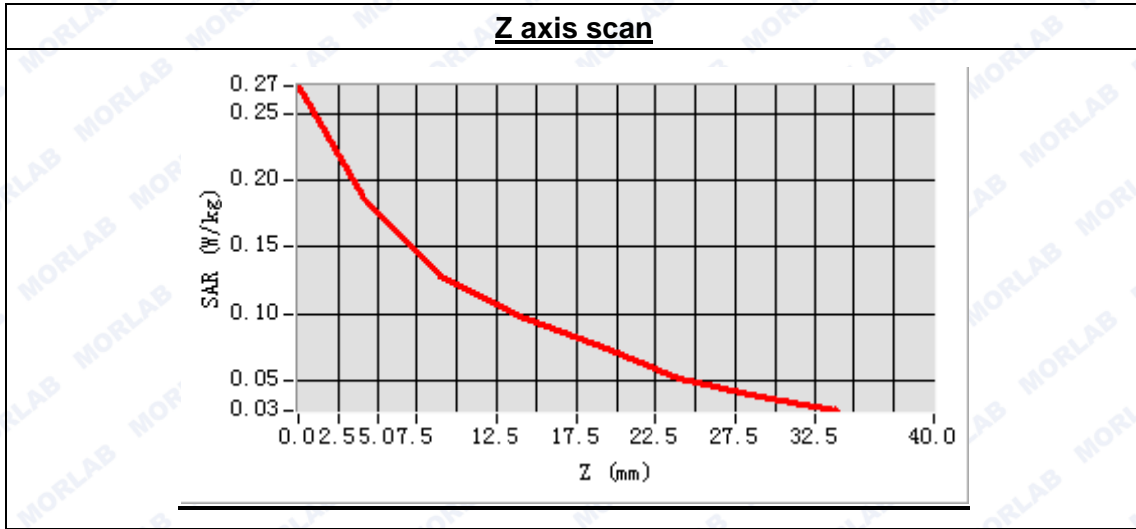




Maximum location: X=3.00, Y=-3.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.632146
SAR 1g (W/Kg)	0.944123







**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

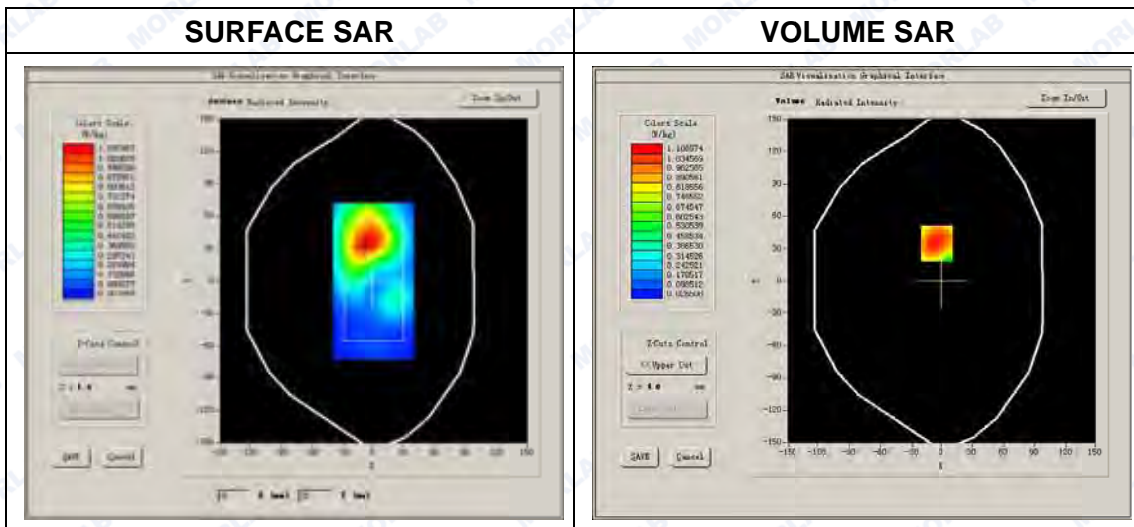
**A. Experimental conditions.**

<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>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<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

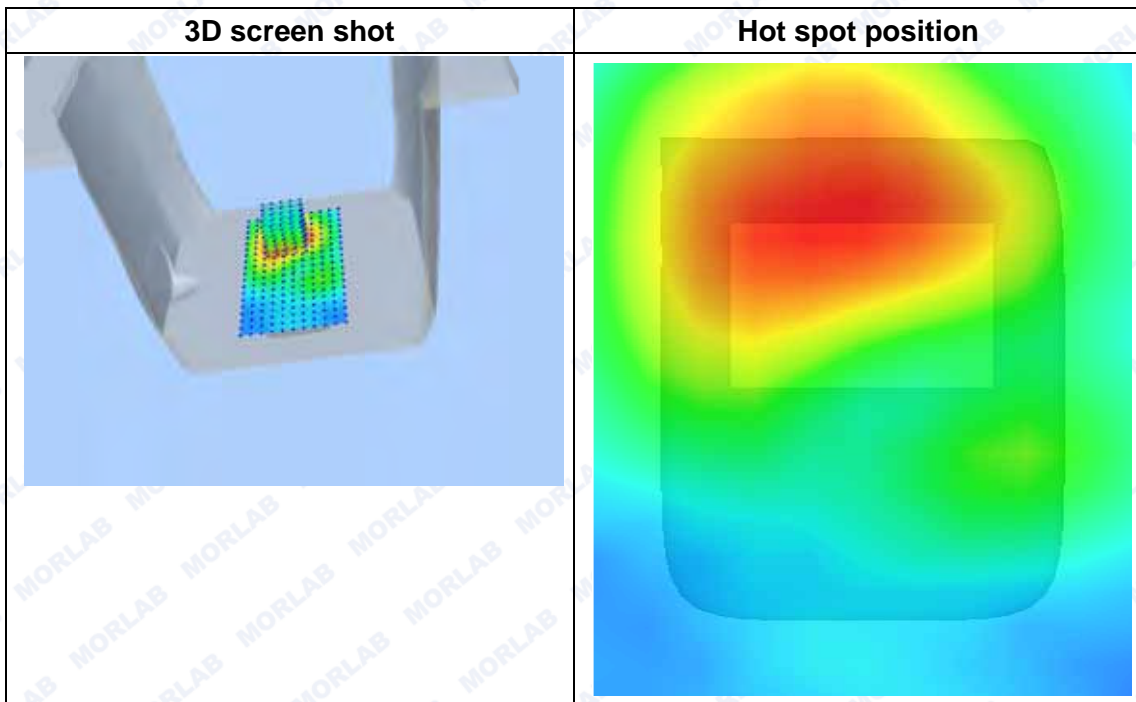
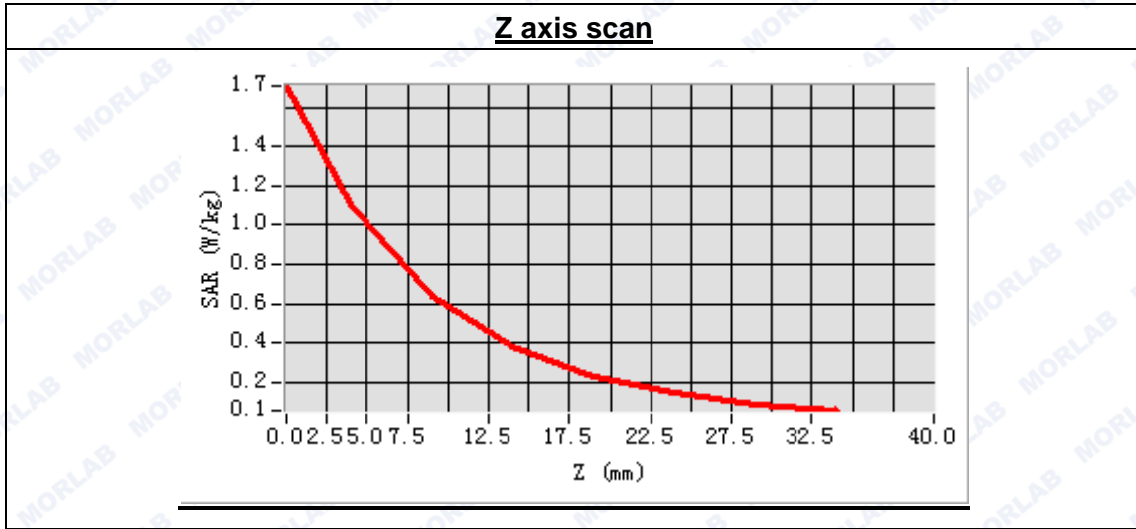




Maximum location: X=-5.00, Y=35.00

SAR Peak: 1.87 W/kg

SAR 10g (W/Kg)	0.670046
SAR 1g (W/Kg)	1.166651





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

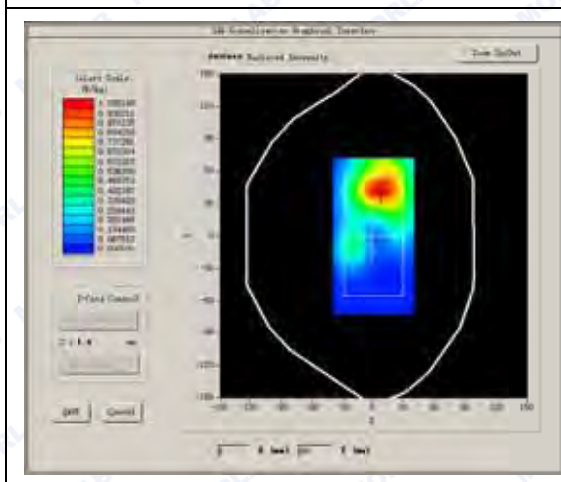
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	CDMA

**B. SAR Measurement Results**

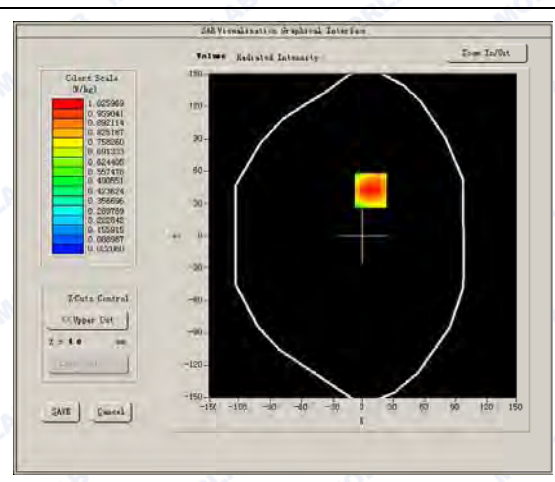
High Band SAR (Channel 9538):

Frequency (MHz)	1907.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

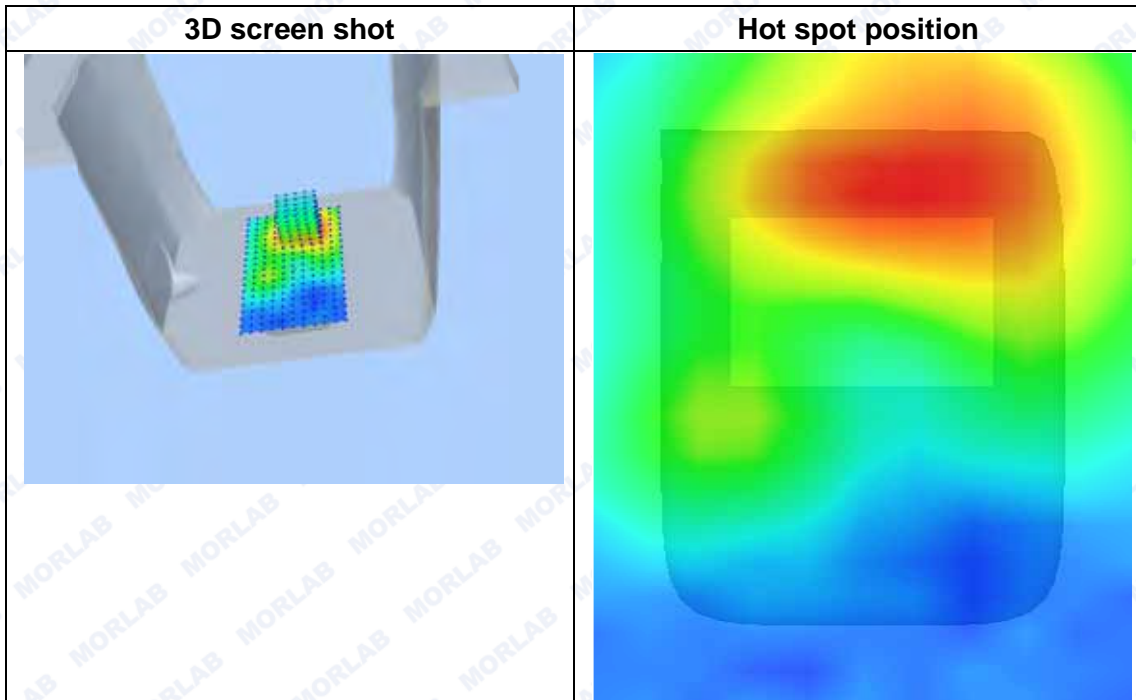
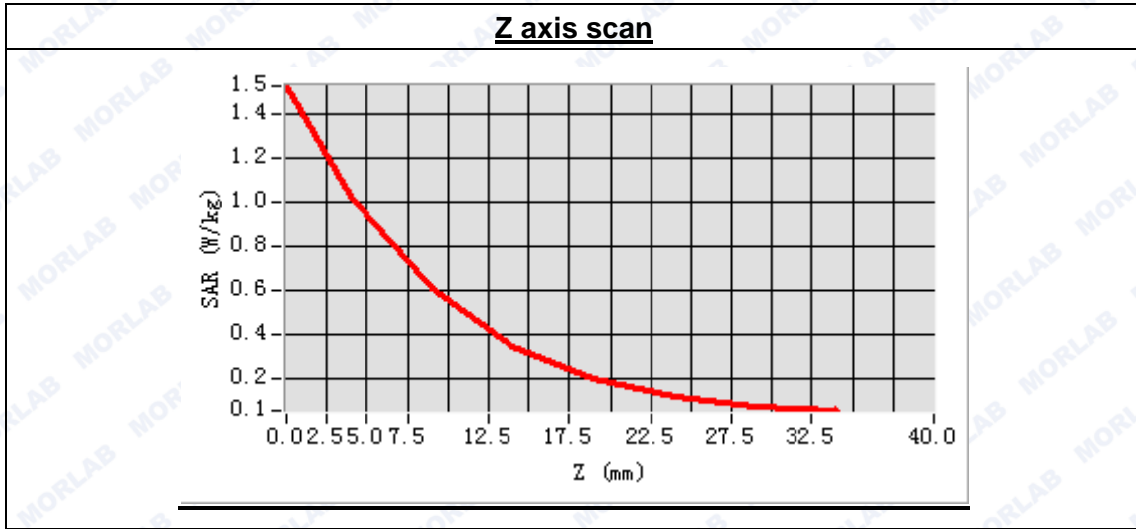




Maximum location: X=7.00, Y=42.00

SAR Peak: 1.66 W/kg

SAR 10g (W/Kg)	0.614127
SAR 1g (W/Kg)	1.058760





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

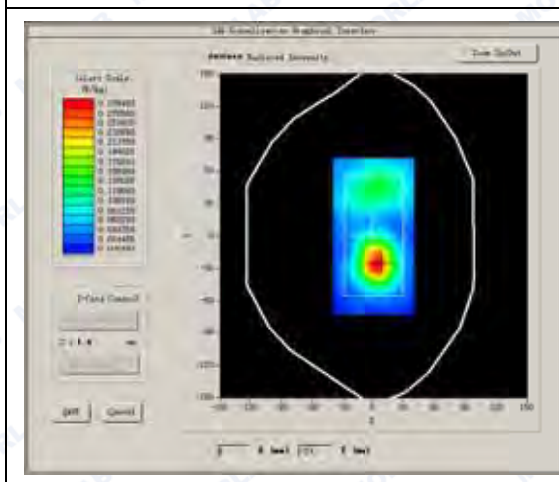
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	CDMA

**B. SAR Measurement Results**

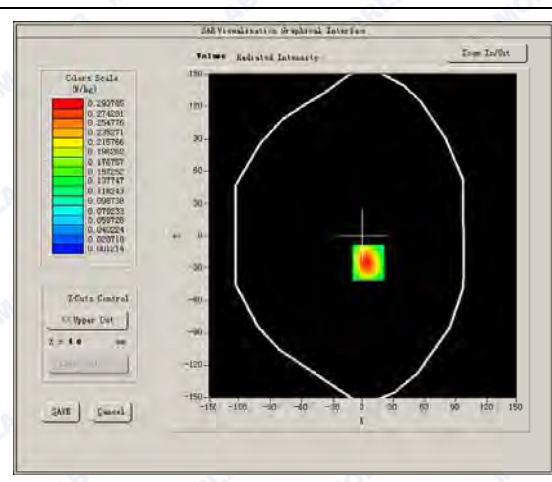
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

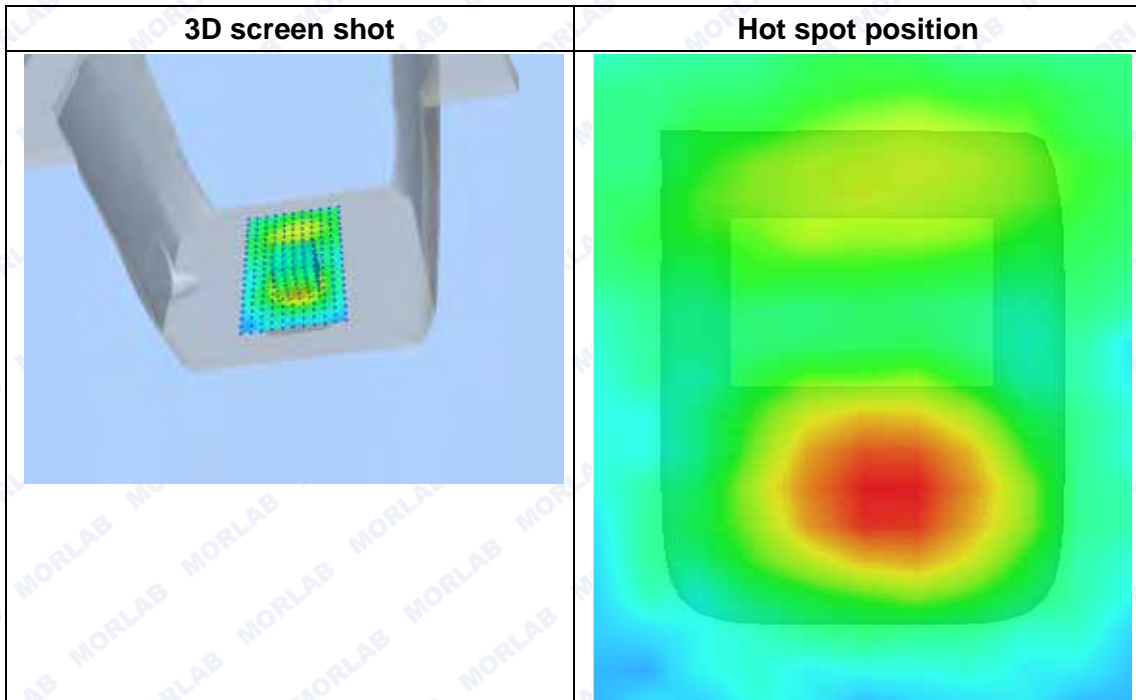
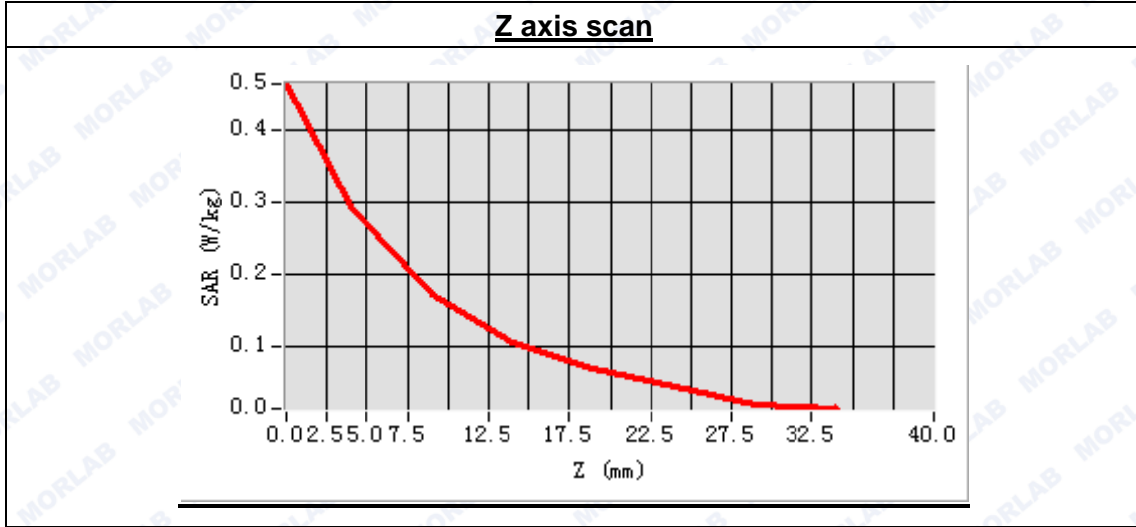




Maximum location: X=5.00, Y=-25.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.168504
SAR 1g (W/Kg)	0.307969





**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: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

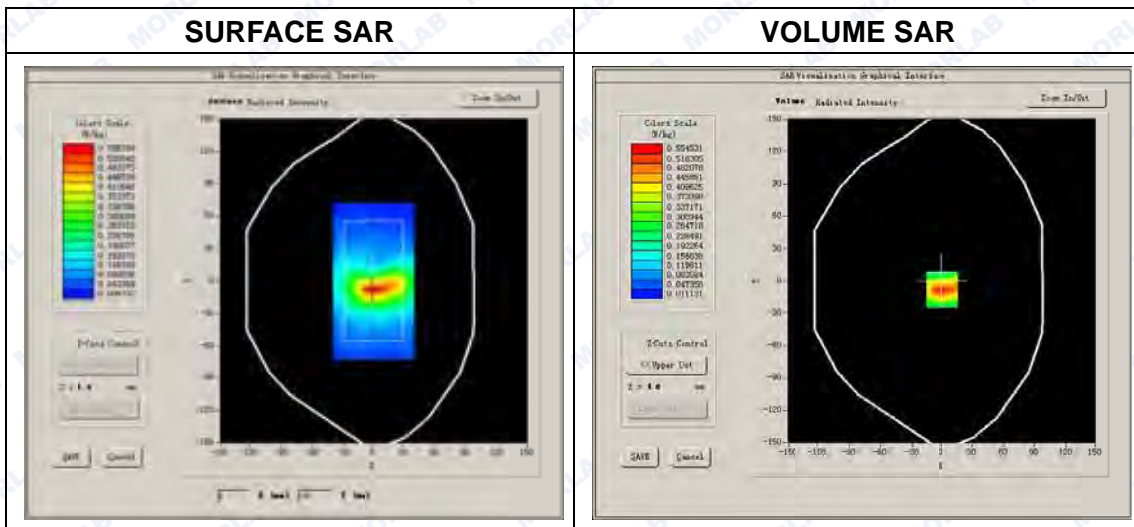
**A. Experimental conditions.**

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)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	0.130000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

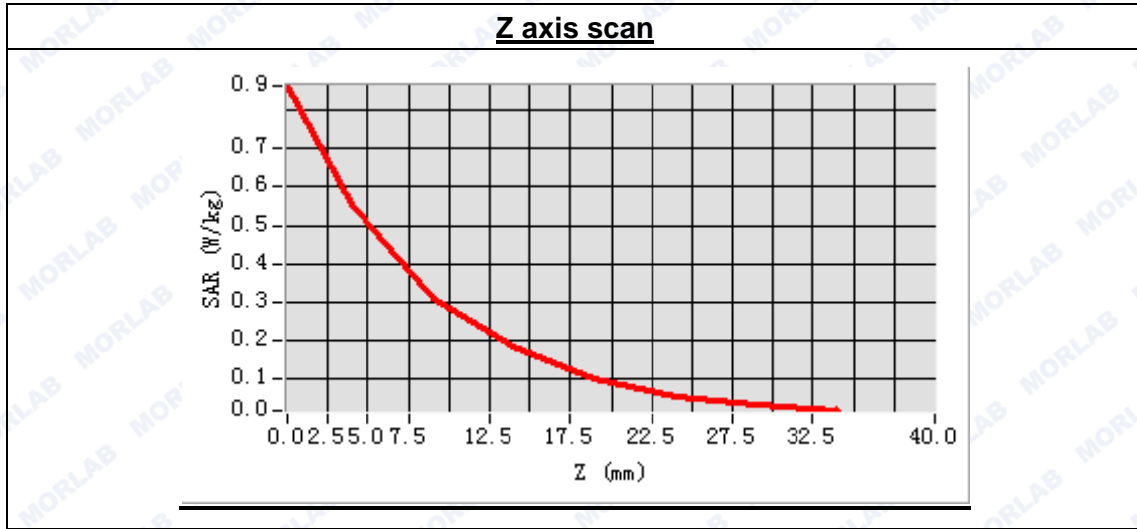




Maximum location: X=0.00, Y=-8.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.296886
SAR 1g (W/Kg)	0.567296



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





**MEASUREMENT 29**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

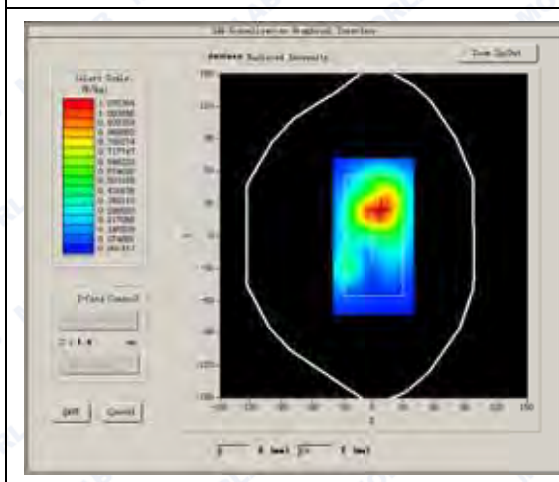
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Low
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

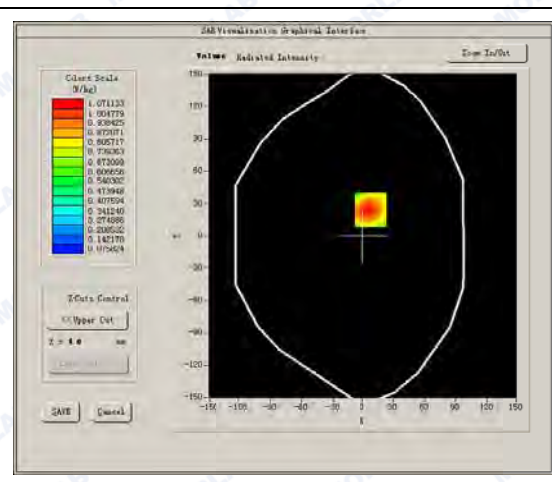
Low Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1859.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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**

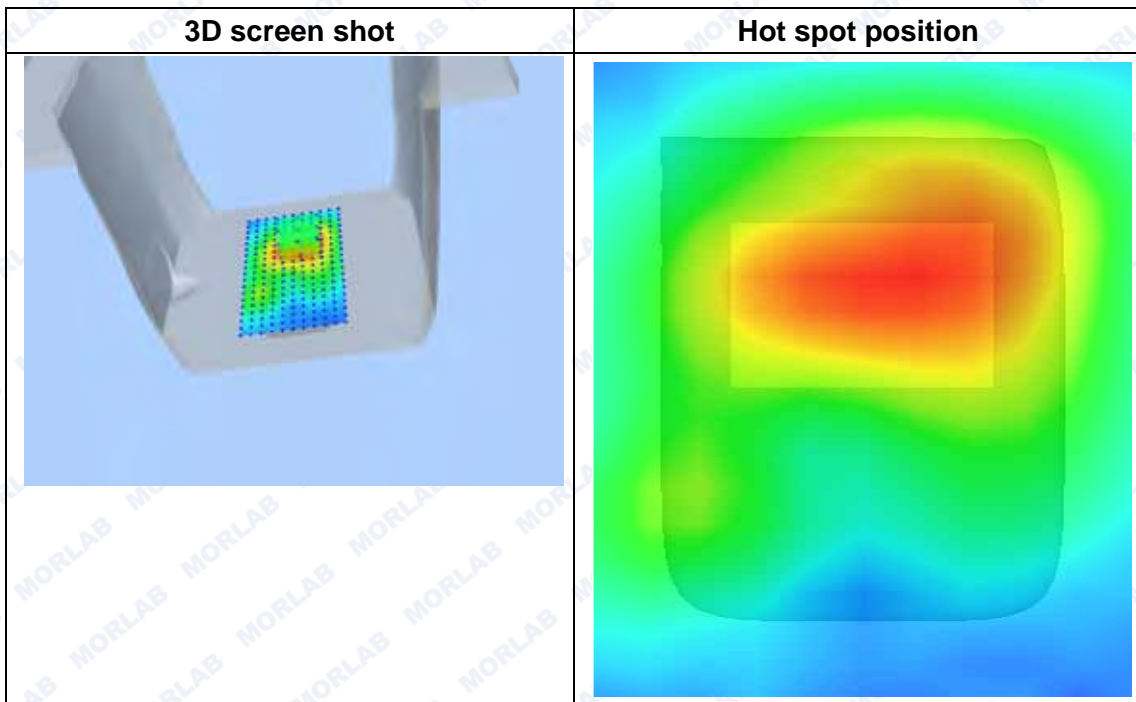
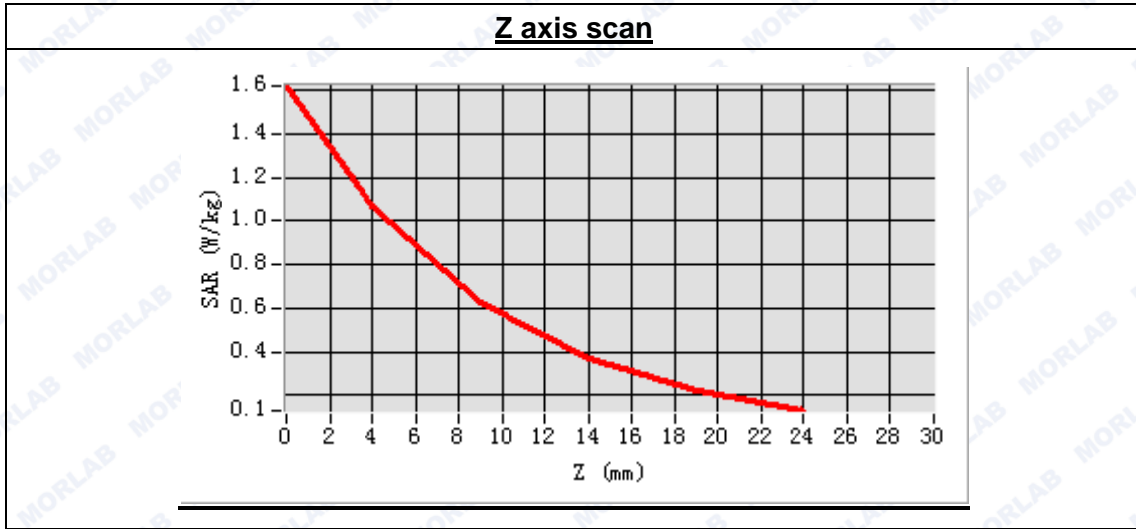




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.393673
SAR 1g (W/Kg)	0.834256





**MEASUREMENT 30**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

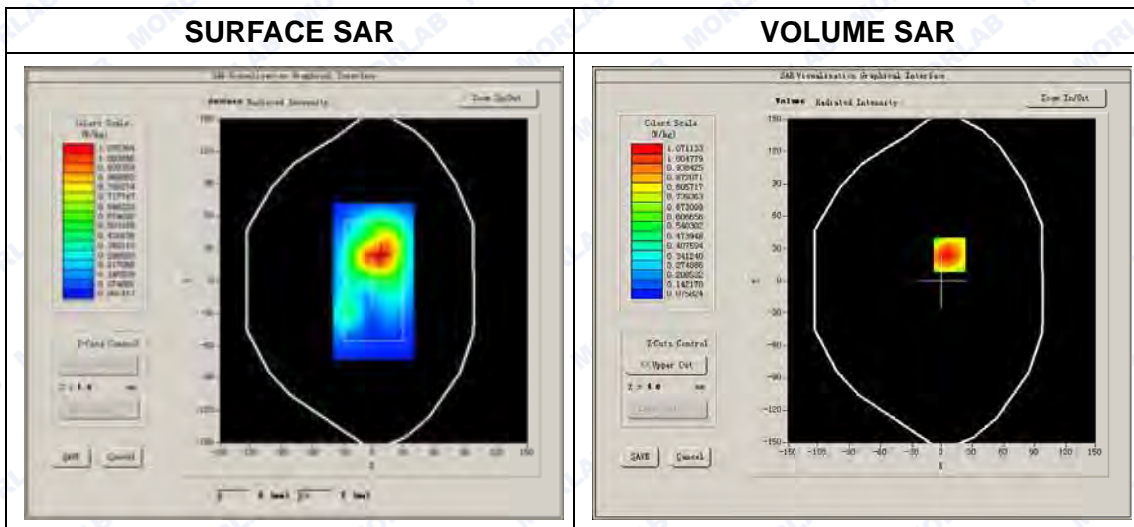
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

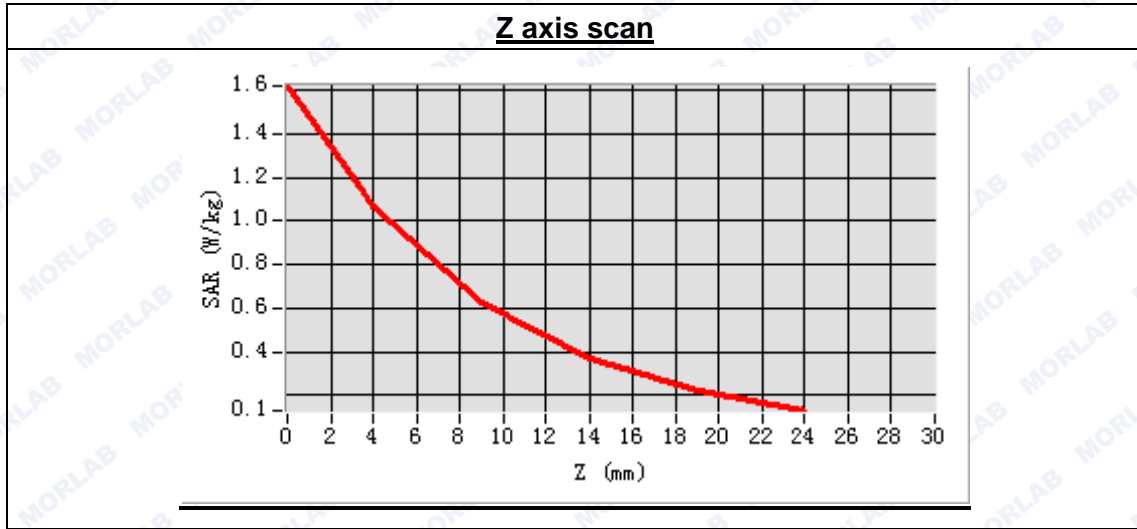




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.363633
SAR 1g (W/Kg)	0.859056



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



**MEASUREMENT 31**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

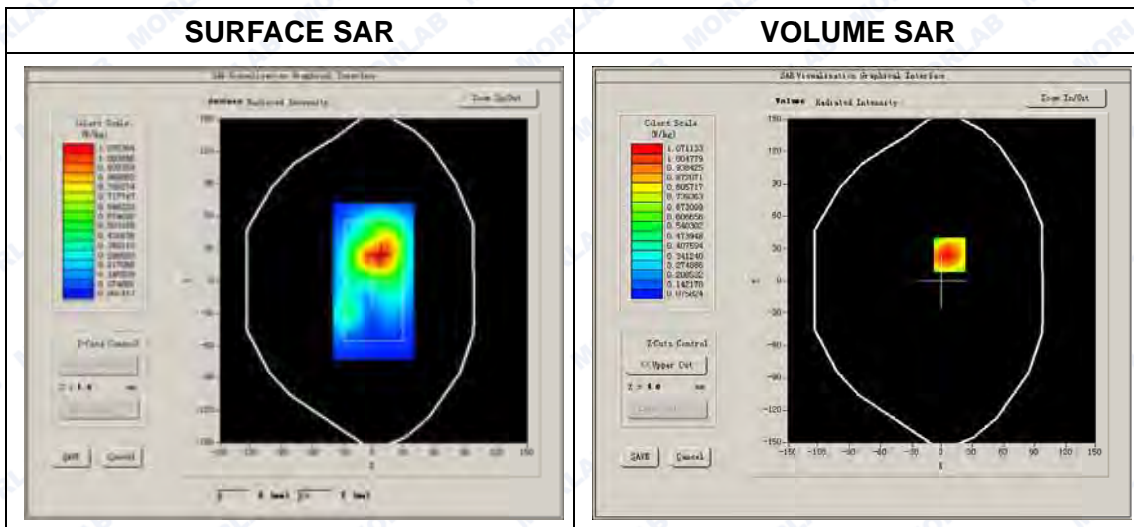
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

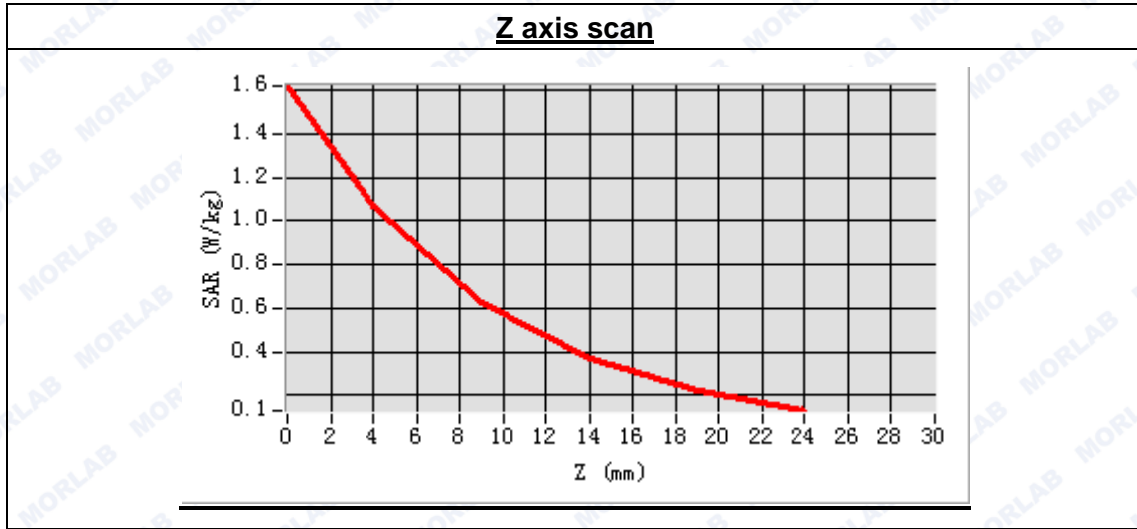




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.371673
SAR 1g (W/Kg)	0.827956



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



**MEASUREMENT 32**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

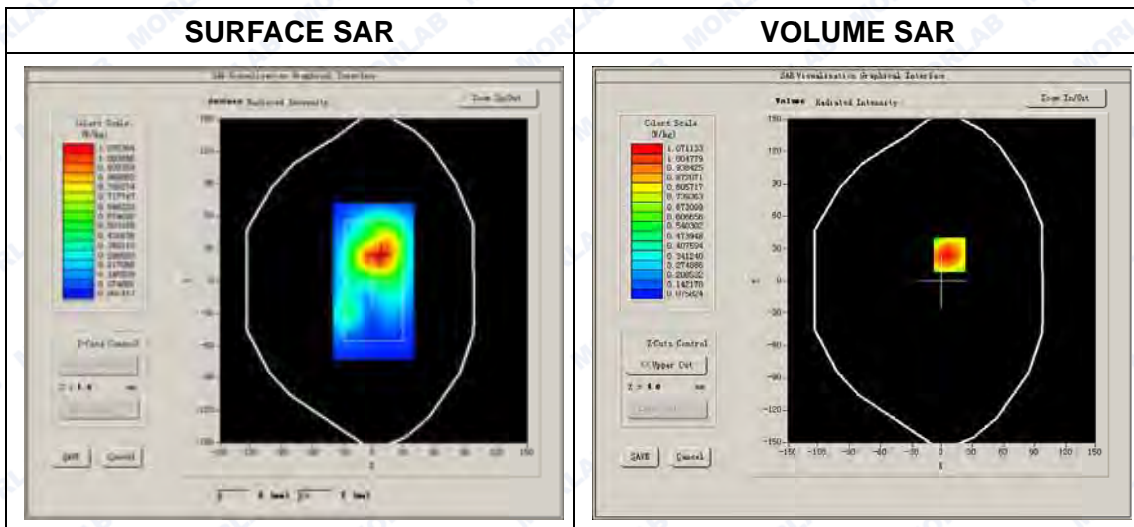
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Low
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

Low Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1859.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

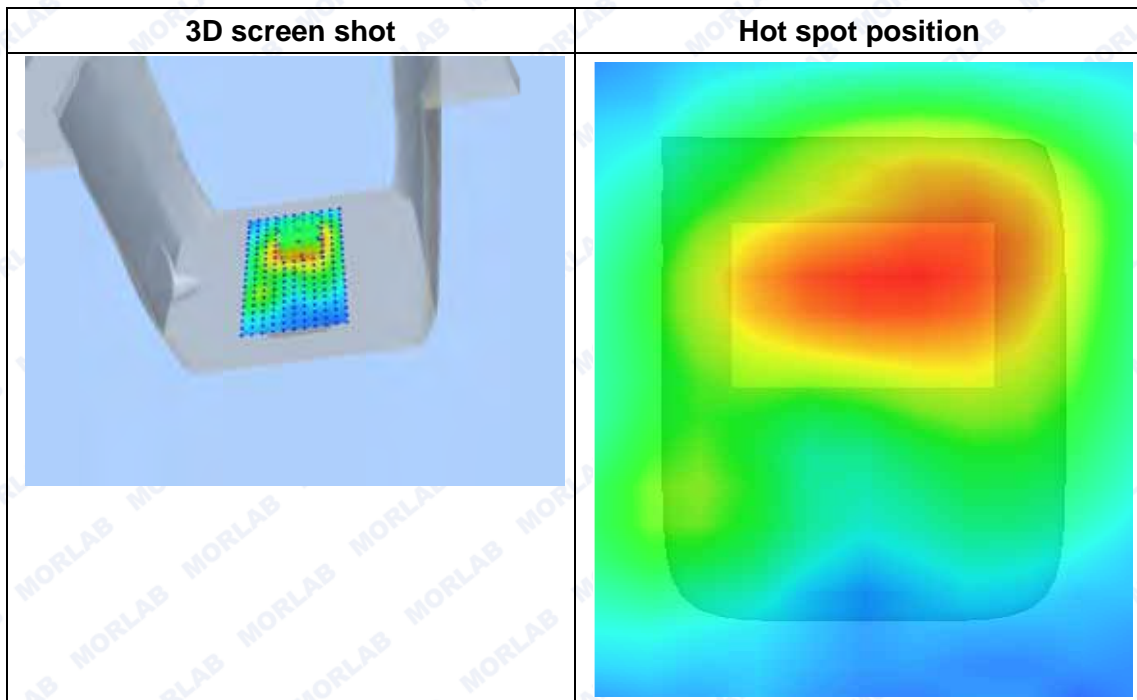
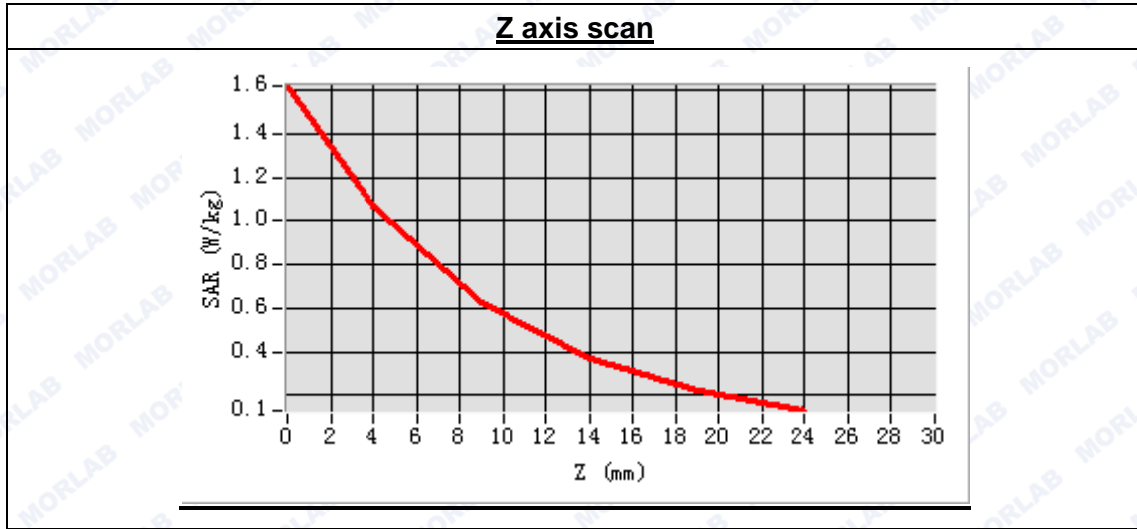




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.411750
SAR 1g (W/Kg)	0.958006







**MEASUREMENT 33**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

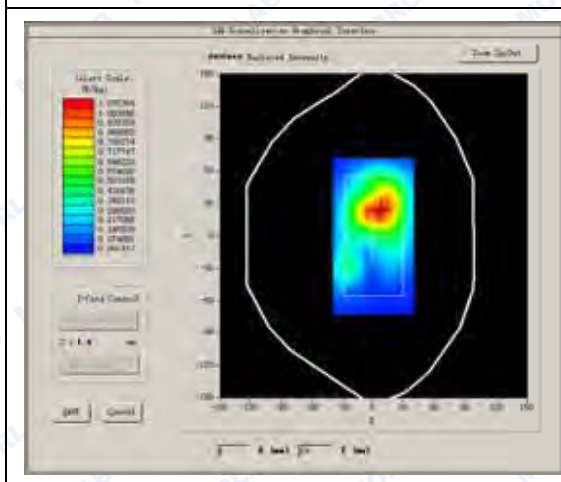
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

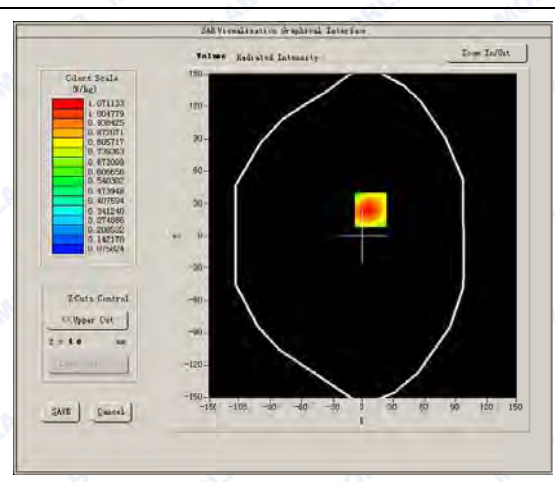
Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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**

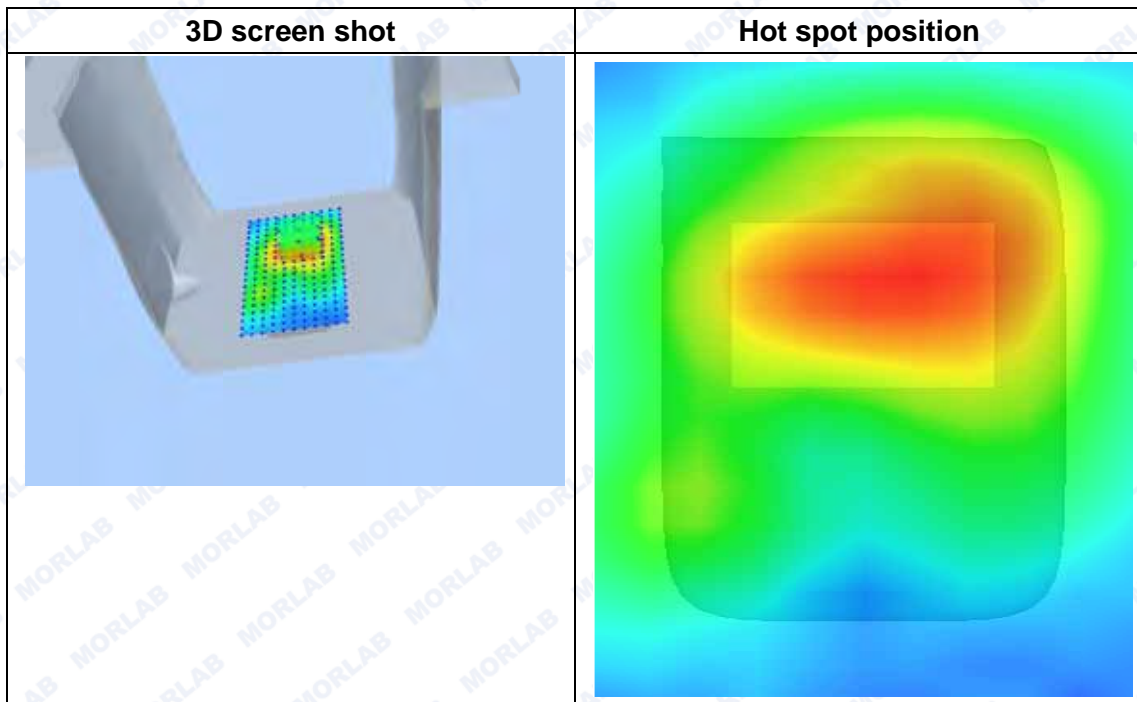
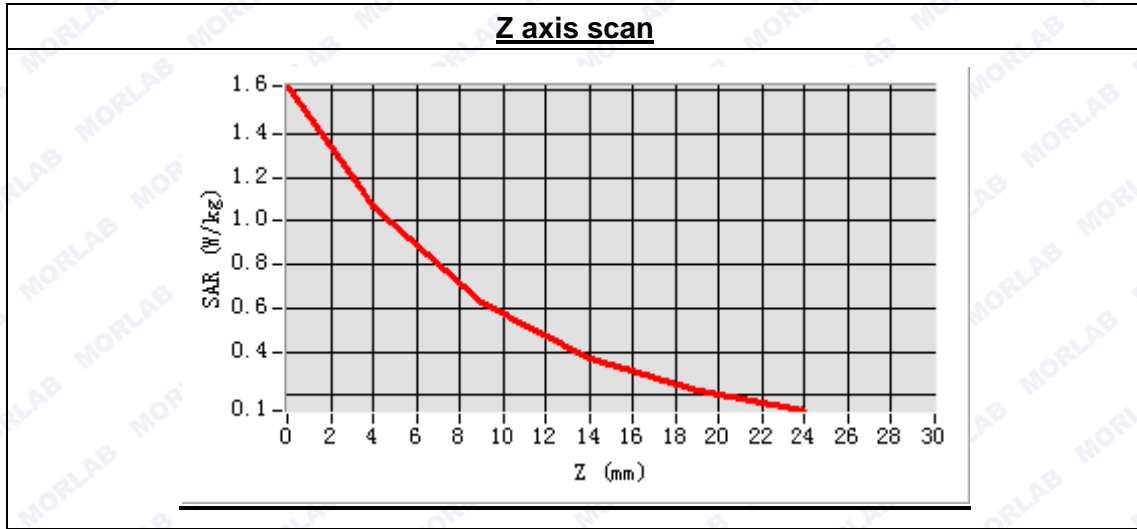




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.438861
SAR 1g (W/Kg)	0.967224





**MEASUREMENT 34**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

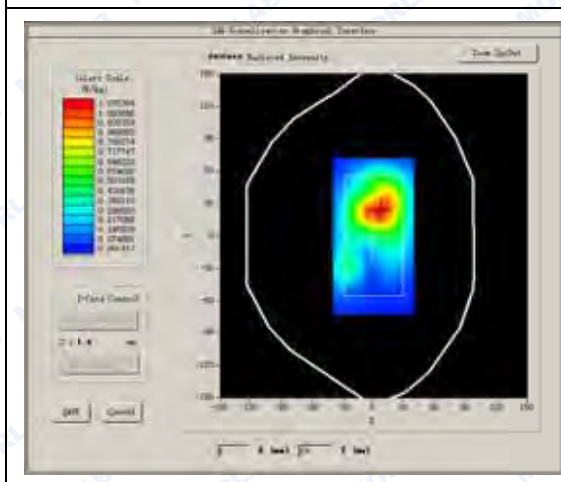
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

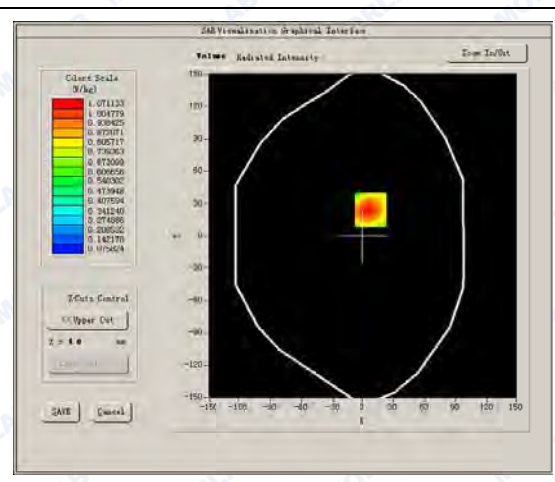
High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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**

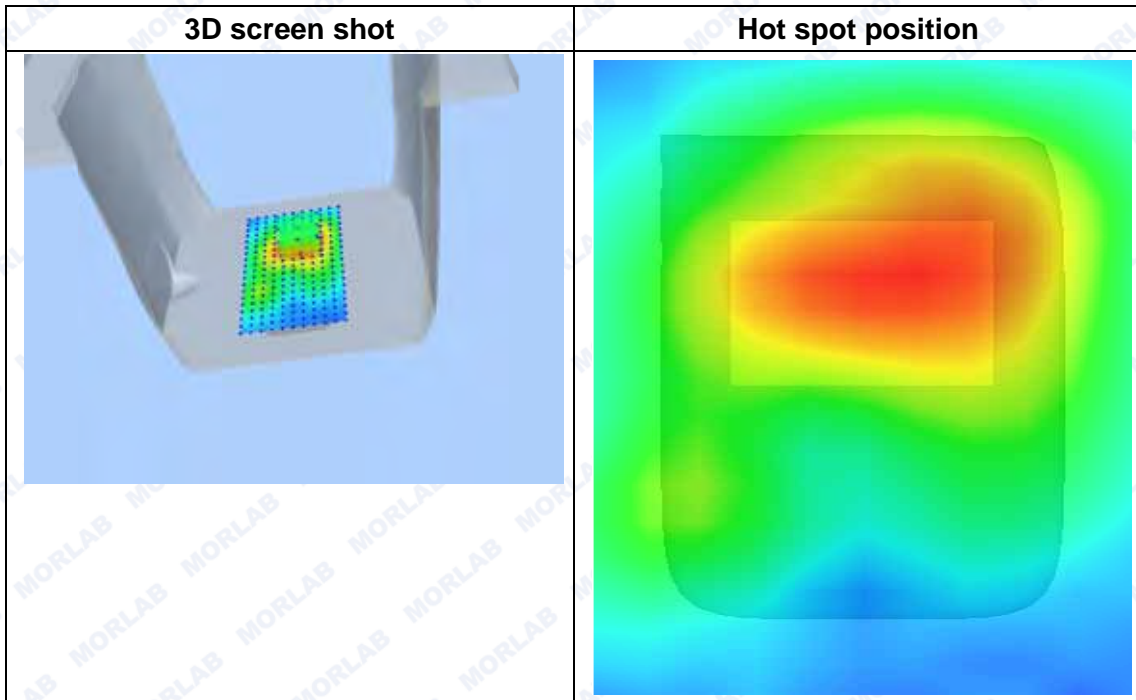
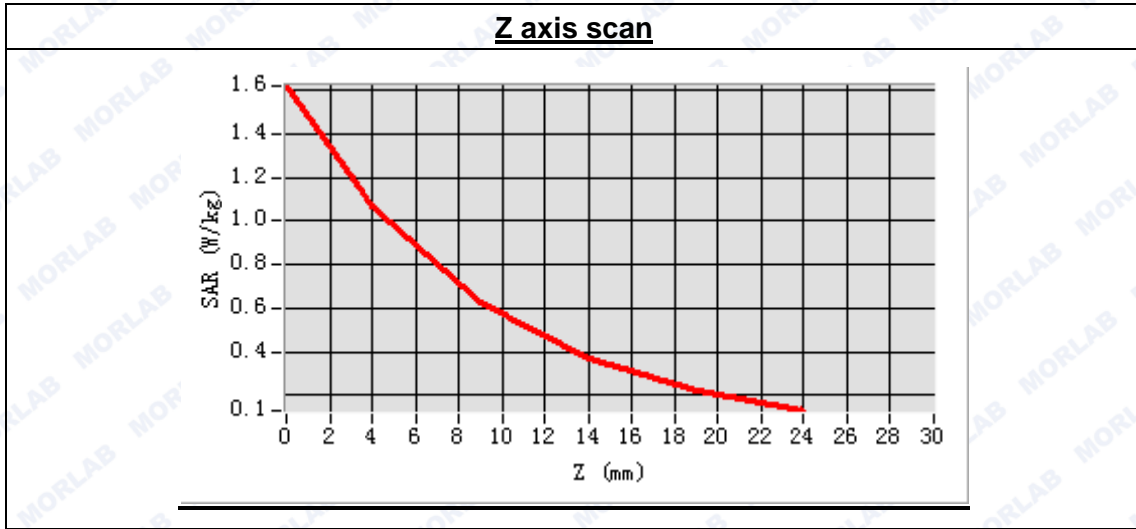




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.398645
SAR 1g (W/Kg)	0.917377





**MEASUREMENT 35**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

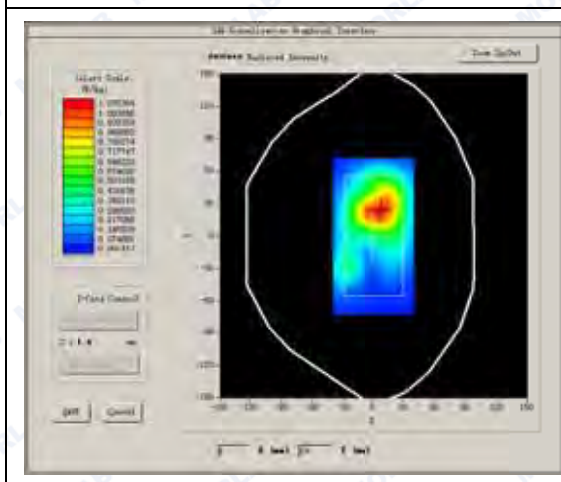
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Low
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

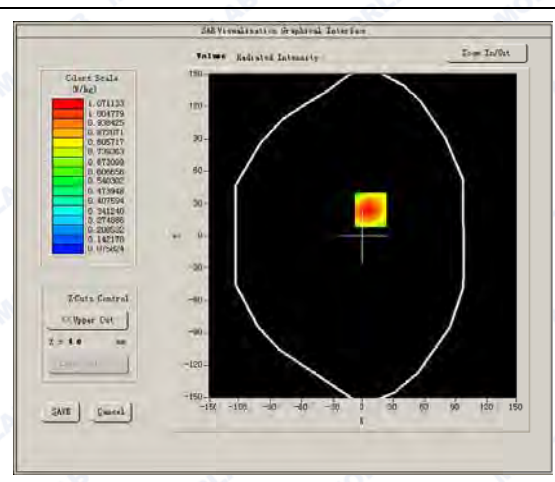
Low Band SAR (Channel 18700):

<b>Frequency (MHz)</b>	1859.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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**

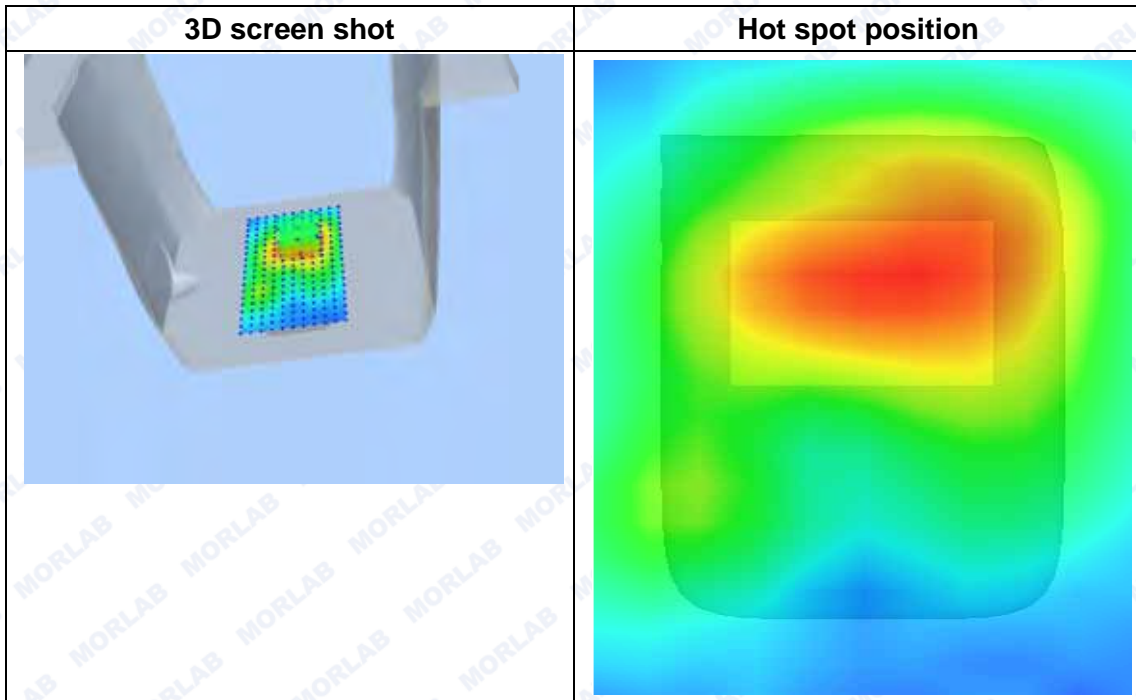
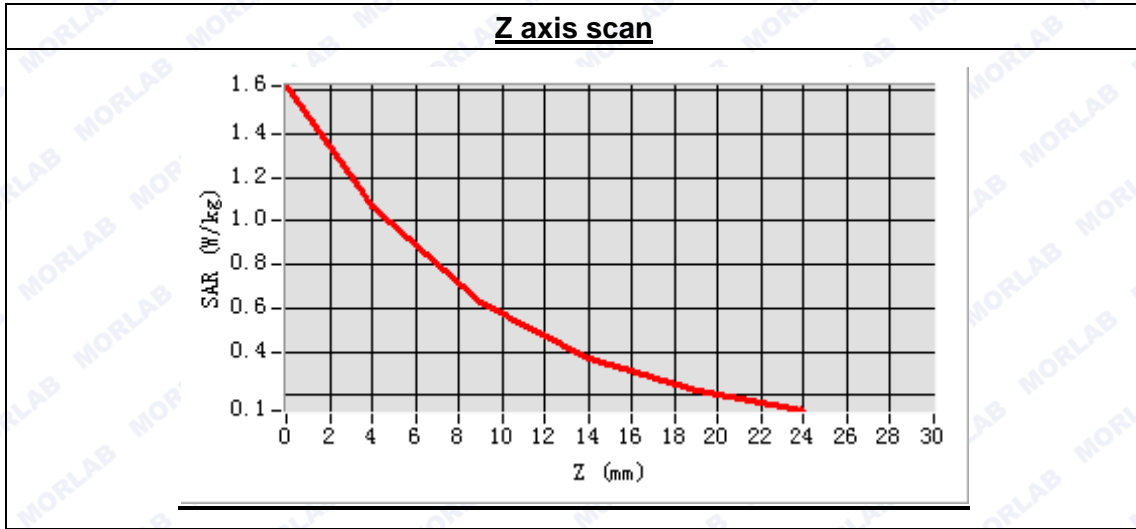




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.405463
SAR 1g (W/Kg)	0.989123





**MEASUREMENT 36**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
Date of measurement: 2015.10.17  
Measurement duration: 9 minutes 35 seconds

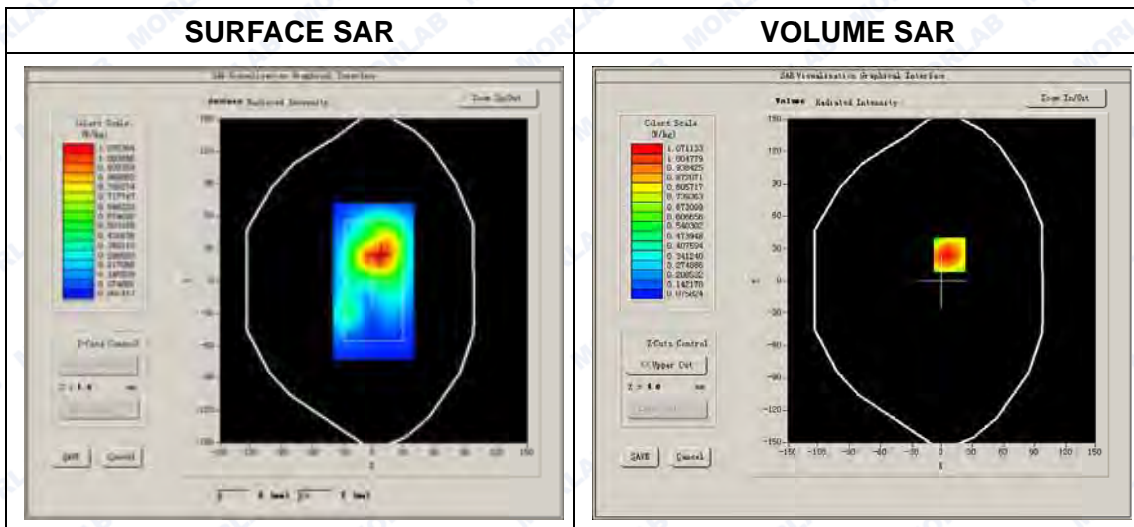
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

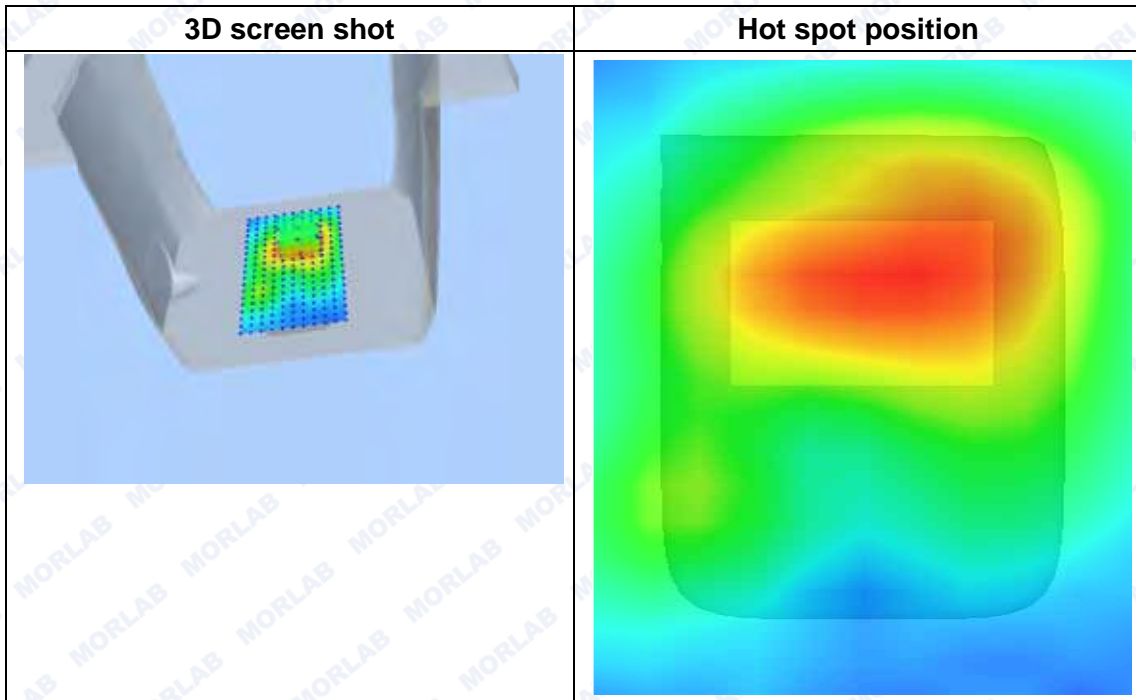
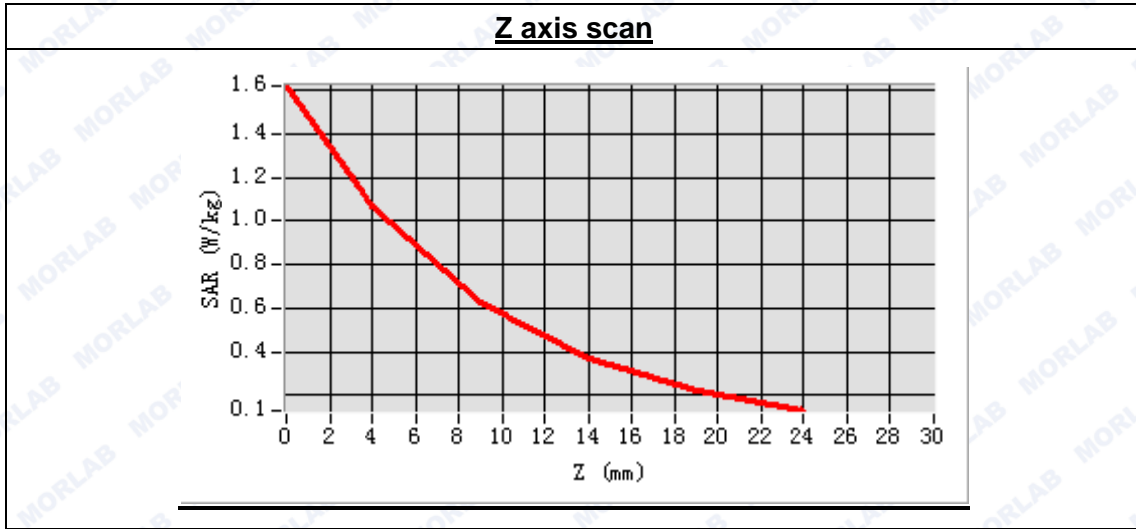




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.593673
SAR 1g (W/Kg)	1.019956







**MEASUREMENT 37**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

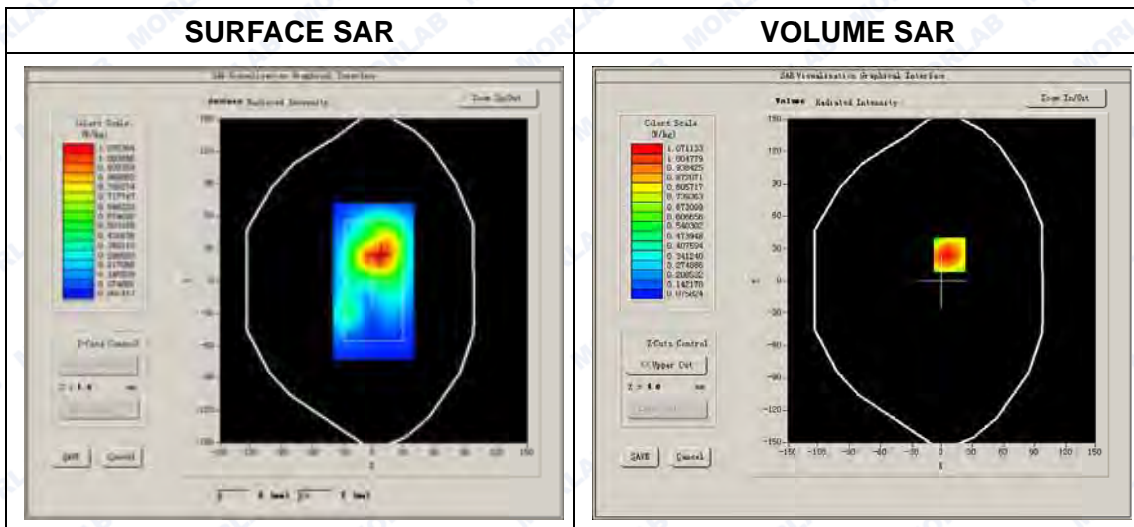
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

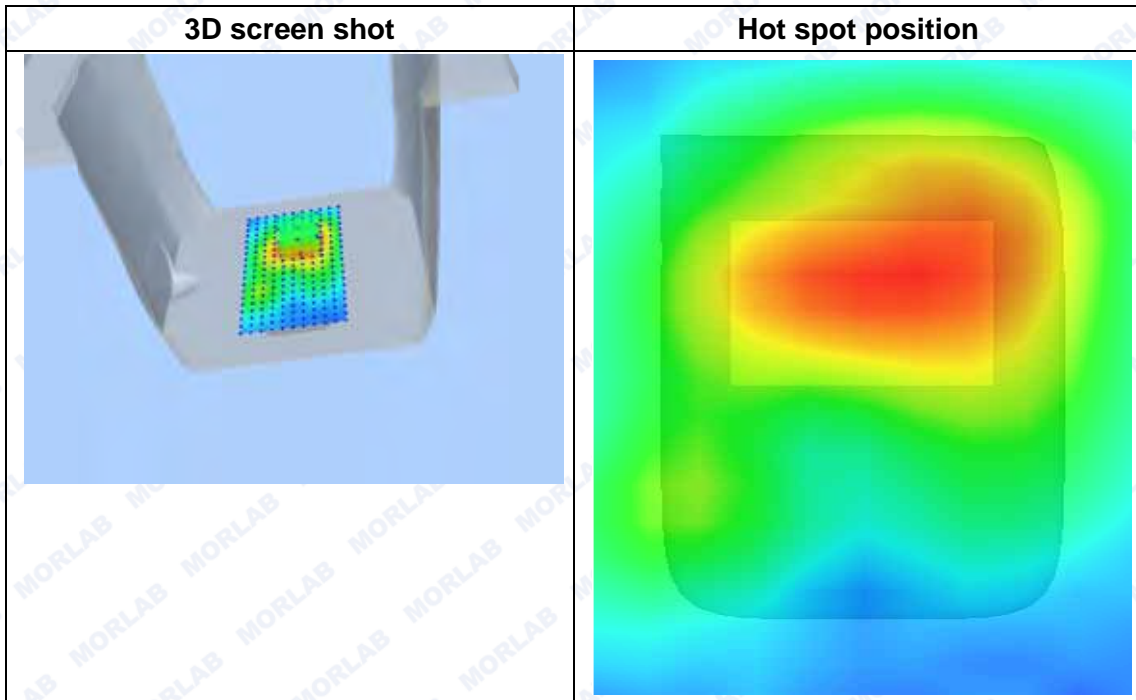
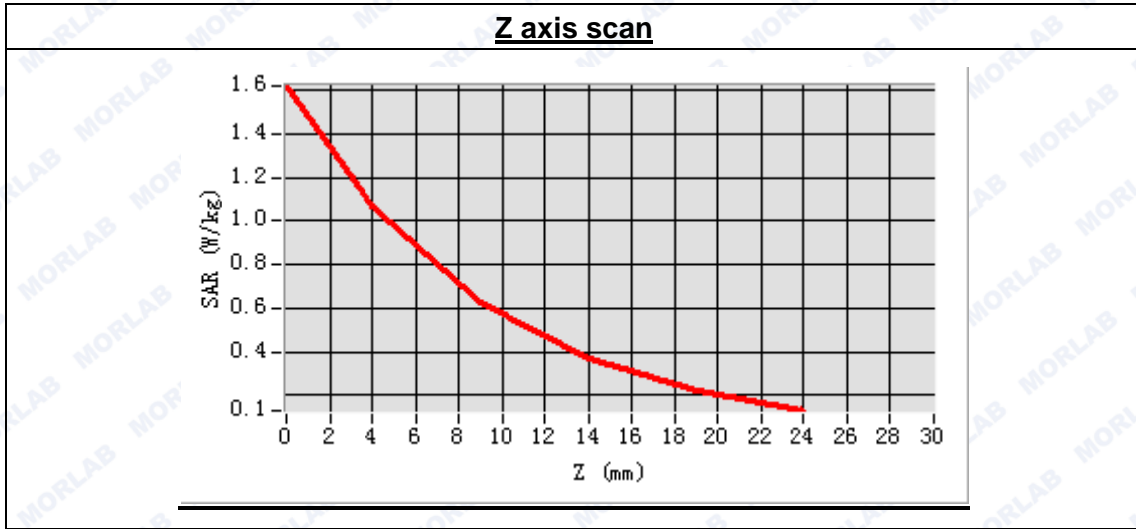




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.400364
SAR 1g (W/Kg)	0.975022





**MEASUREMENT 38**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

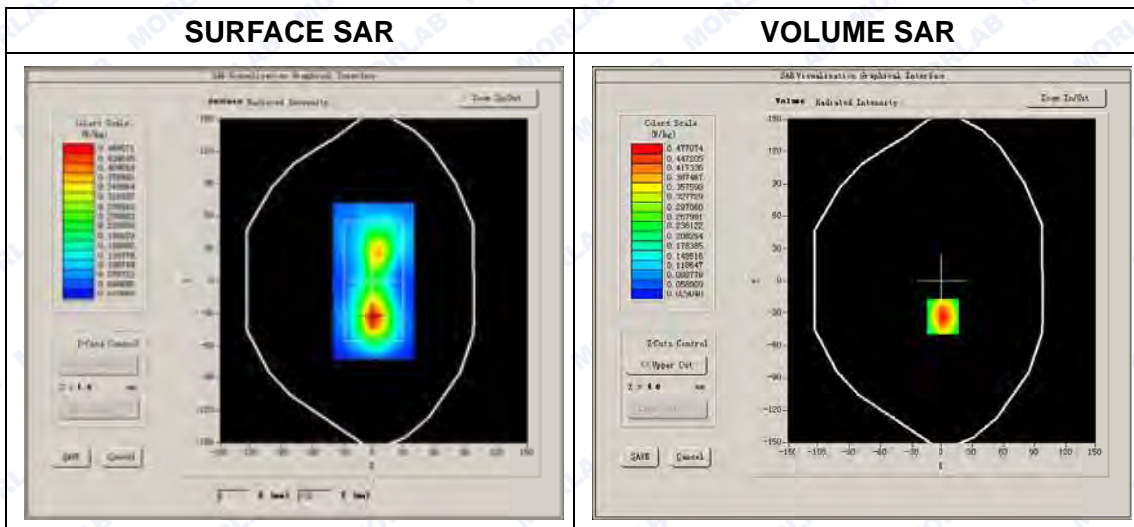
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

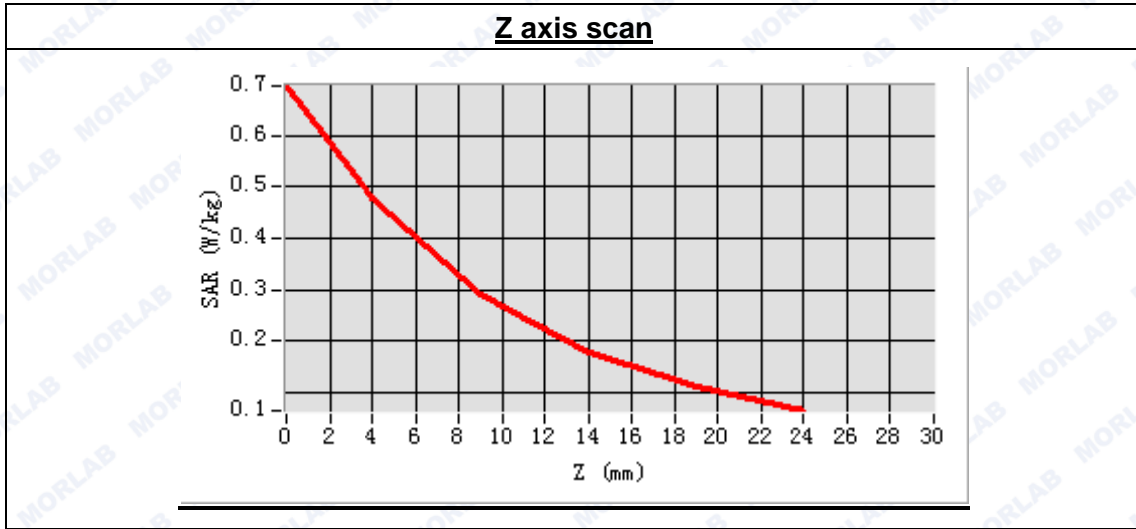




Maximum location: X=1.00, Y=-33.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.257383
SAR 1g (W/Kg)	0.446761





**MEASUREMENT 39**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

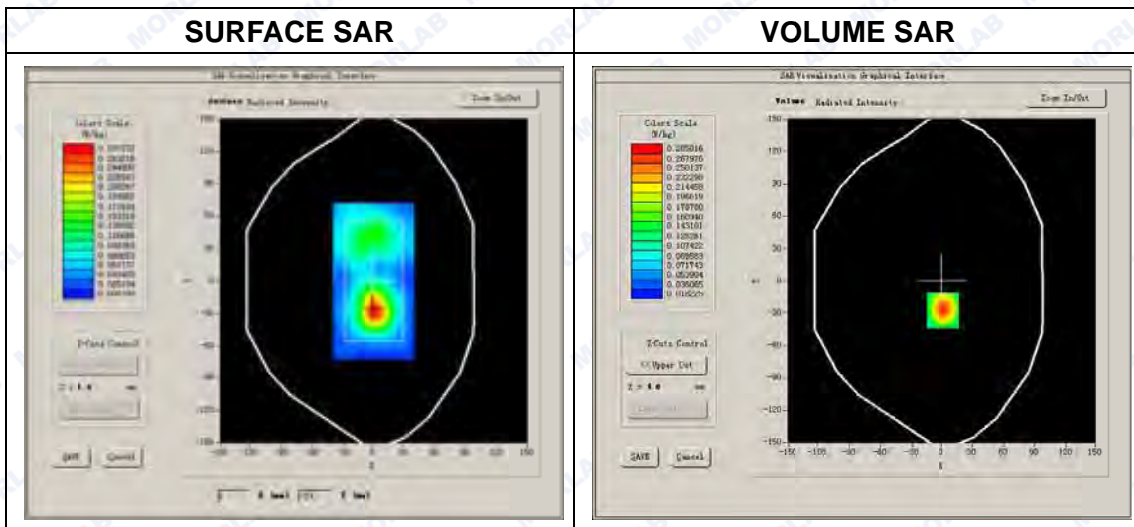
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_1RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

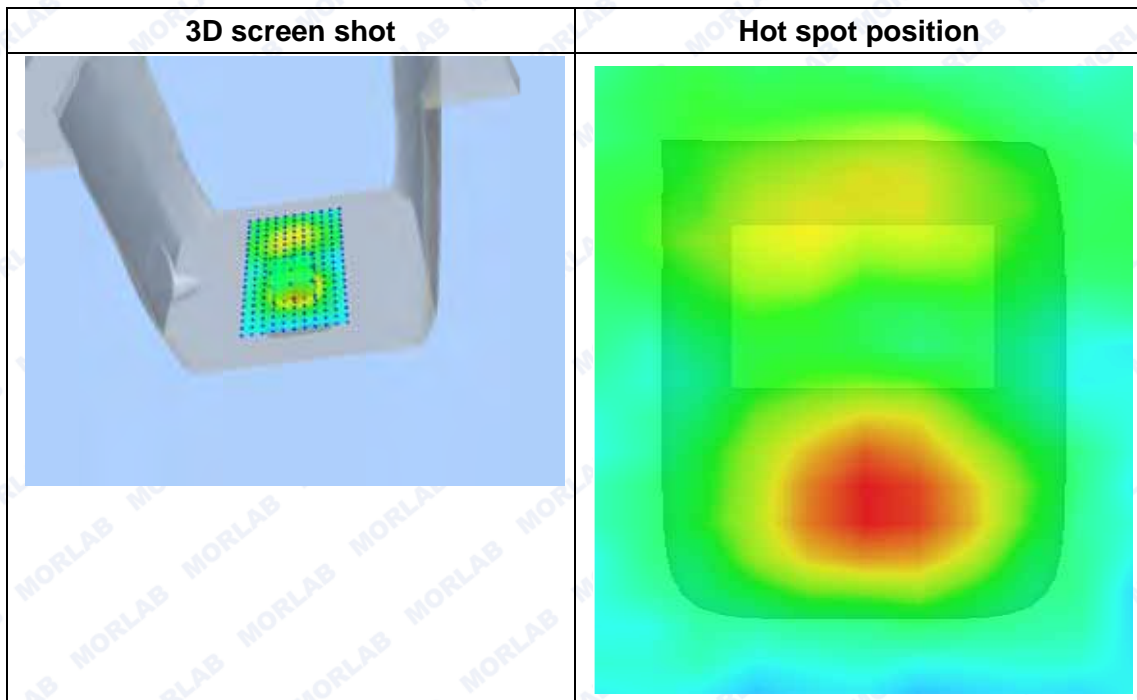
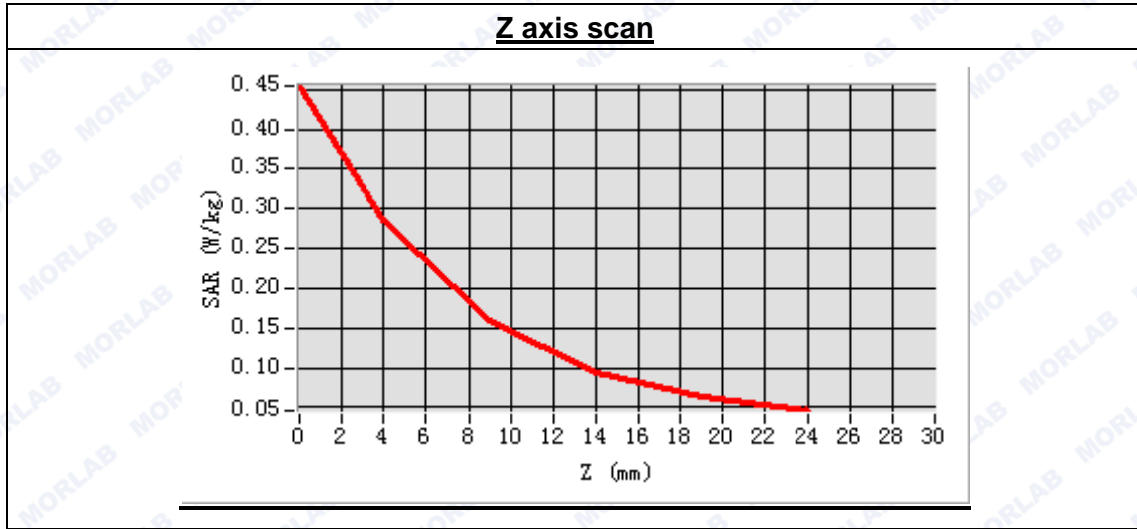




Maximum location: X=1.00, Y=-27.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.148133
SAR 1g (W/Kg)	0.268082





**MEASUREMENT 40**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

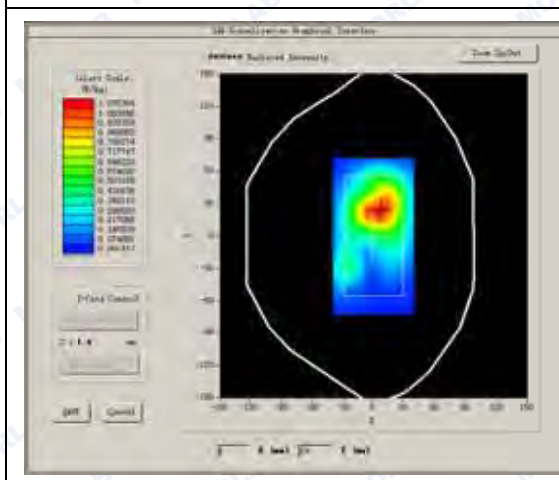
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 2
Channels	High
Signal	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

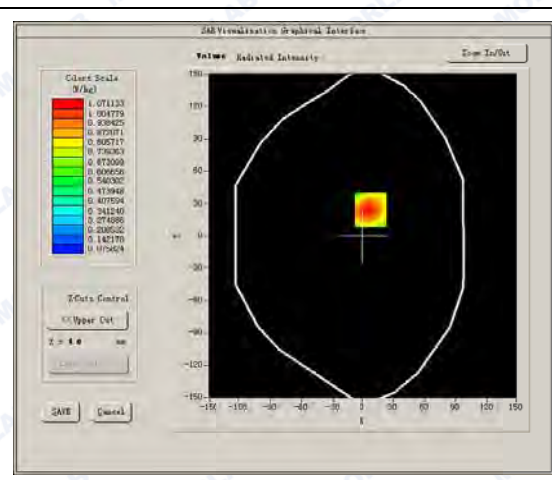
High Band SAR (Channel 19100):

Frequency (MHz)	1899.500000
Relative permittivity (real part)	53.561513
Conductivity (S/m)	1.468859
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**

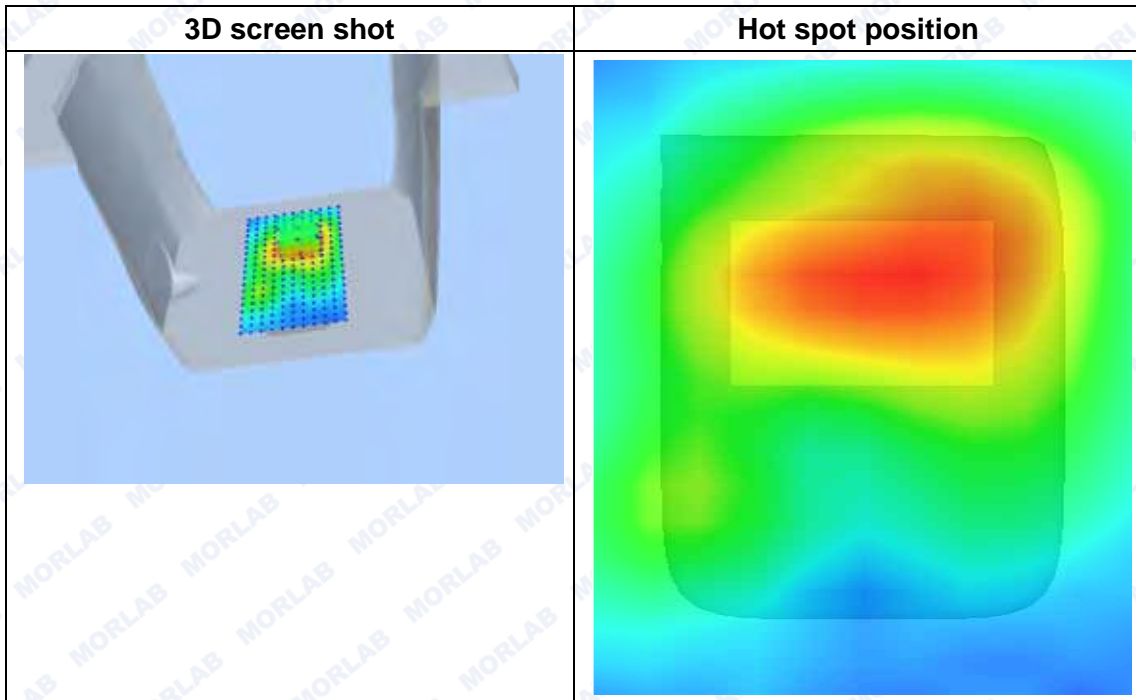
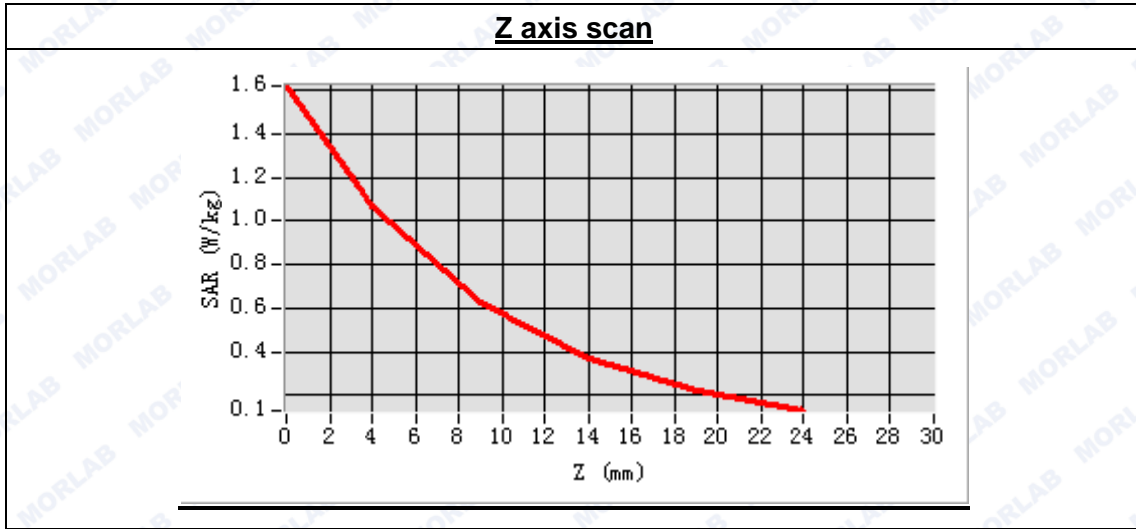




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.300364
SAR 1g (W/Kg)	0.689113







**MEASUREMENT 41**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

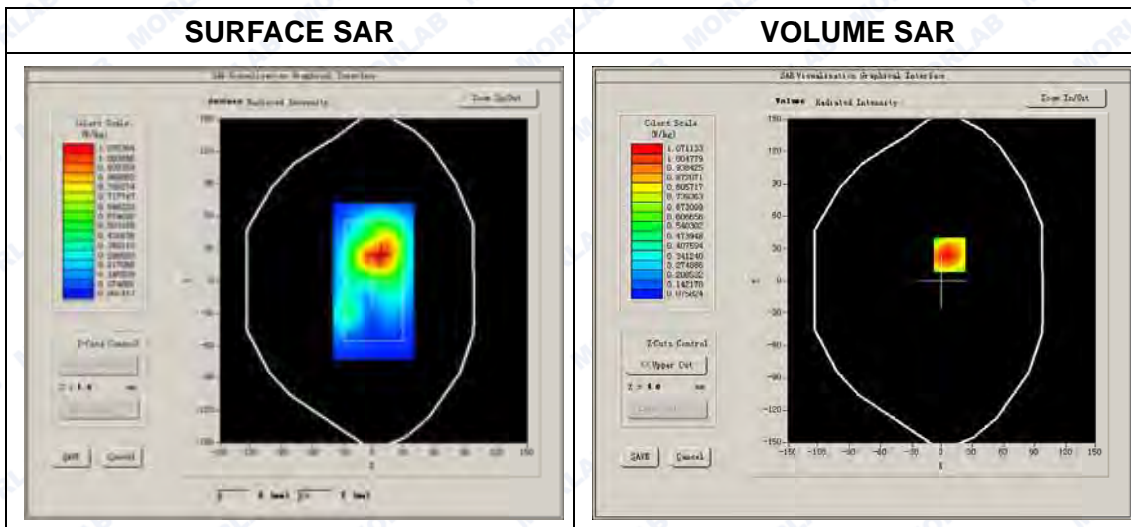
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

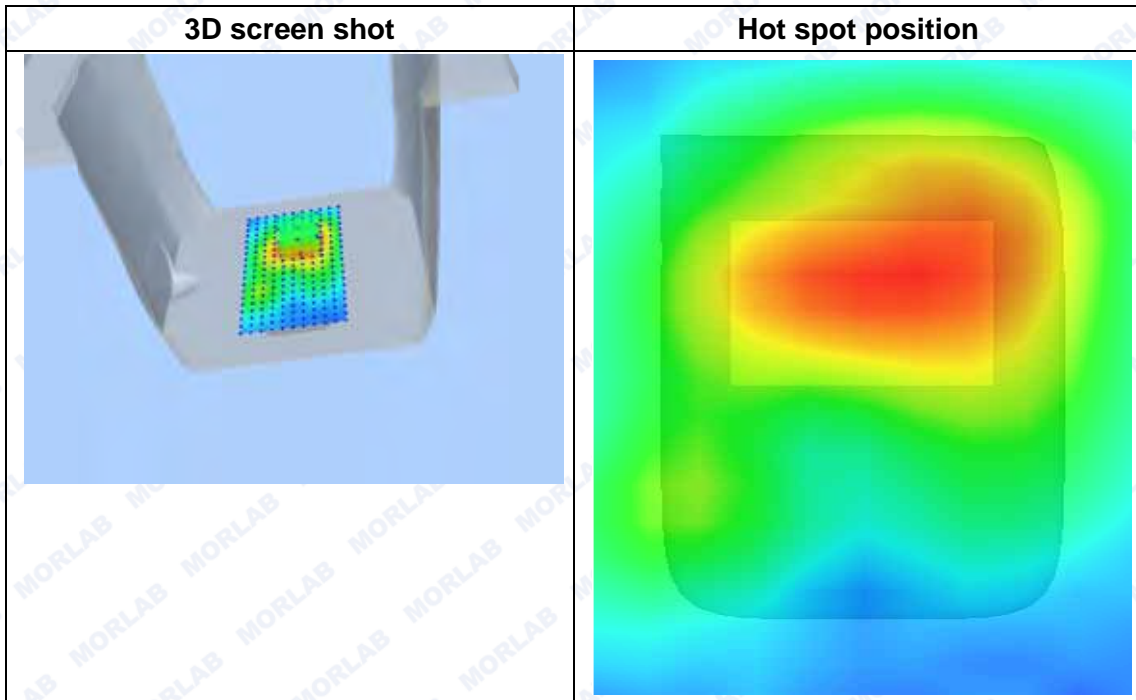
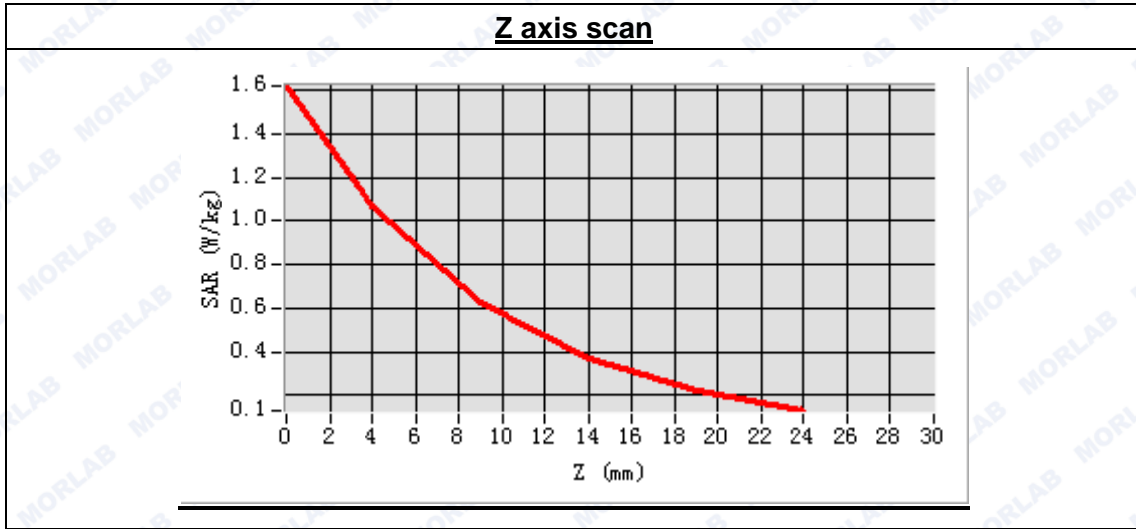




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.390164
SAR 1g (W/Kg)	0.701022





**MEASUREMENT 42**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
Date of measurement: 2015.10.17  
Measurement duration: 9 minutes 35 seconds

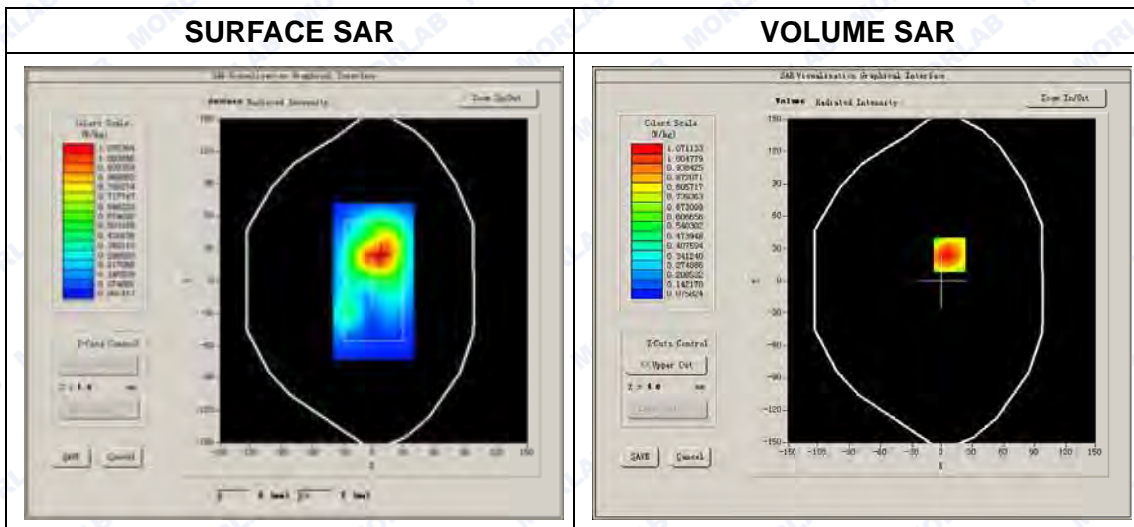
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

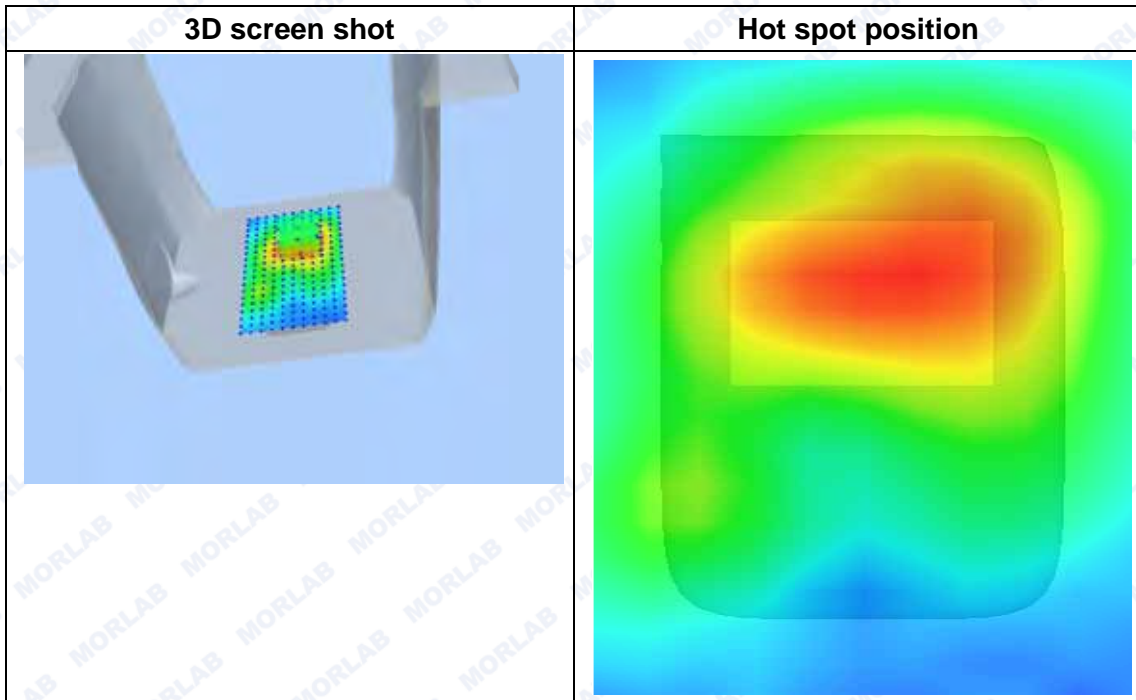
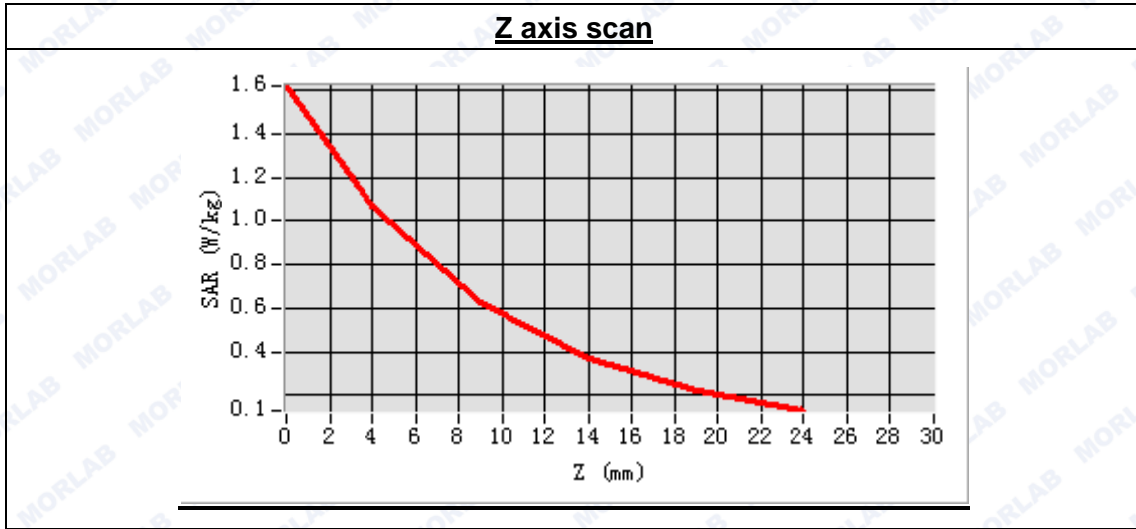




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.410254
SAR 1g (W/Kg)	0.754522



**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: 2015.10.17

Measurement duration: 9 minutes 35 seconds

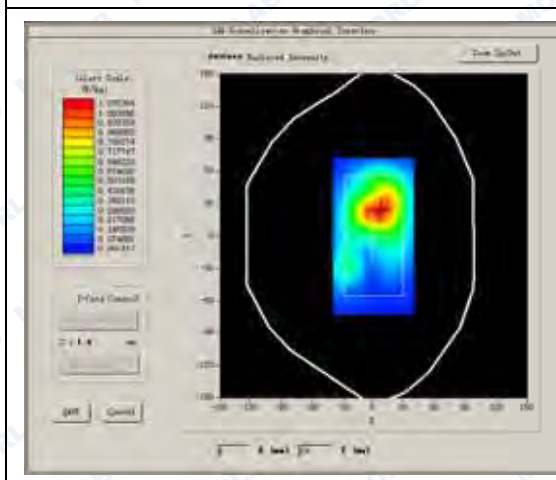
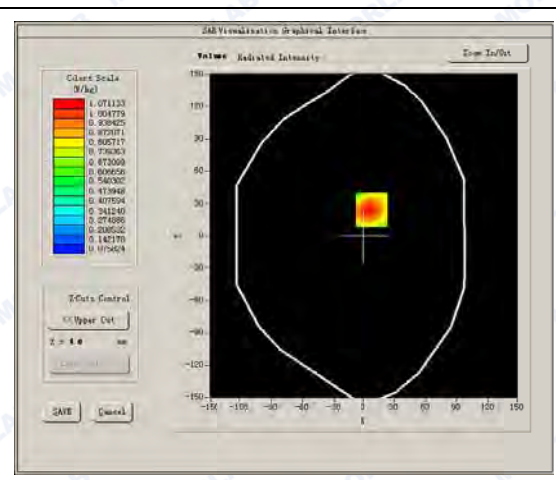
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

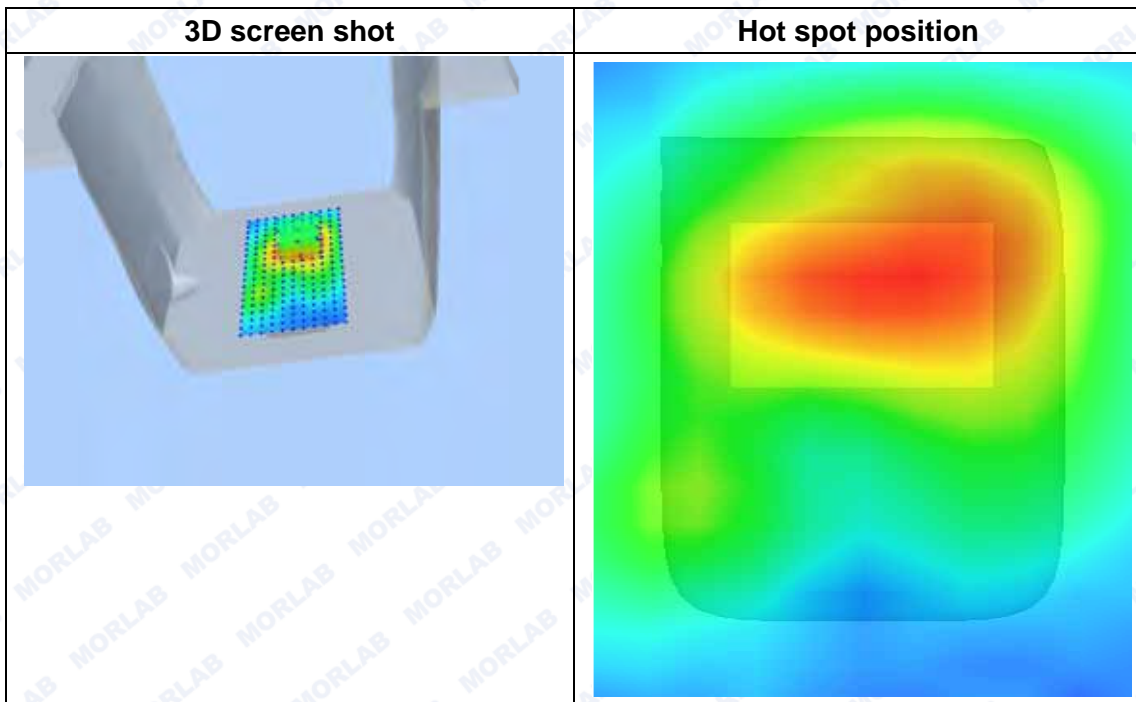
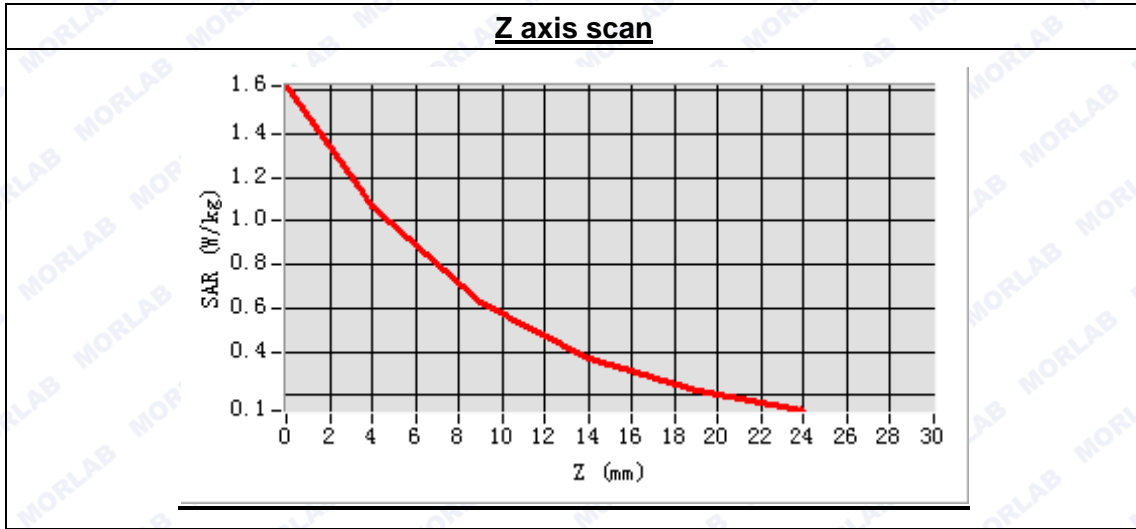
**SURFACE SAR****VOLUME SAR**



Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.100258
SAR 1g (W/Kg)	0.349011





**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

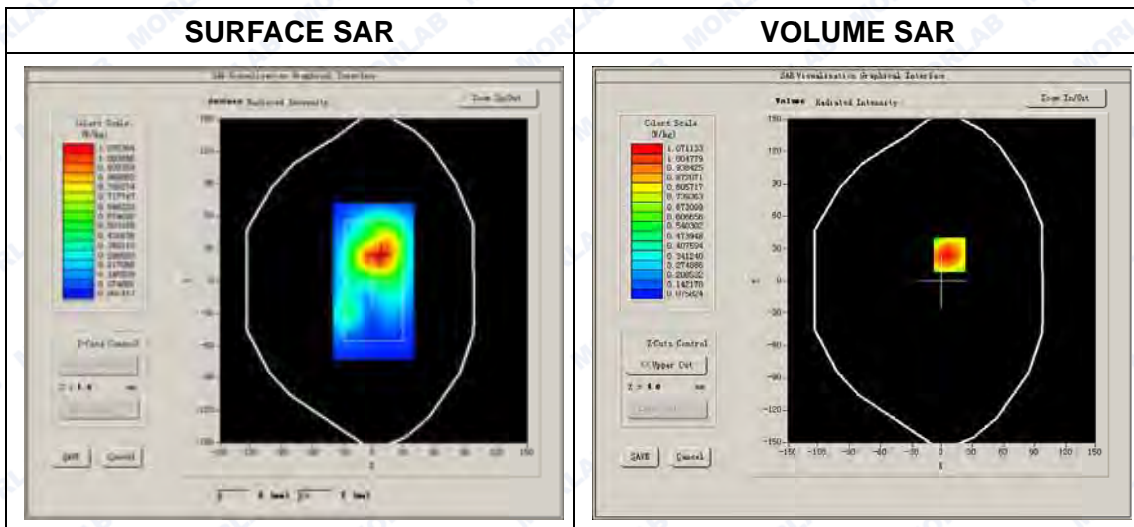
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	High
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

High Band SAR (Channel 19100):

<b>Frequency (MHz)</b>	1899.500000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

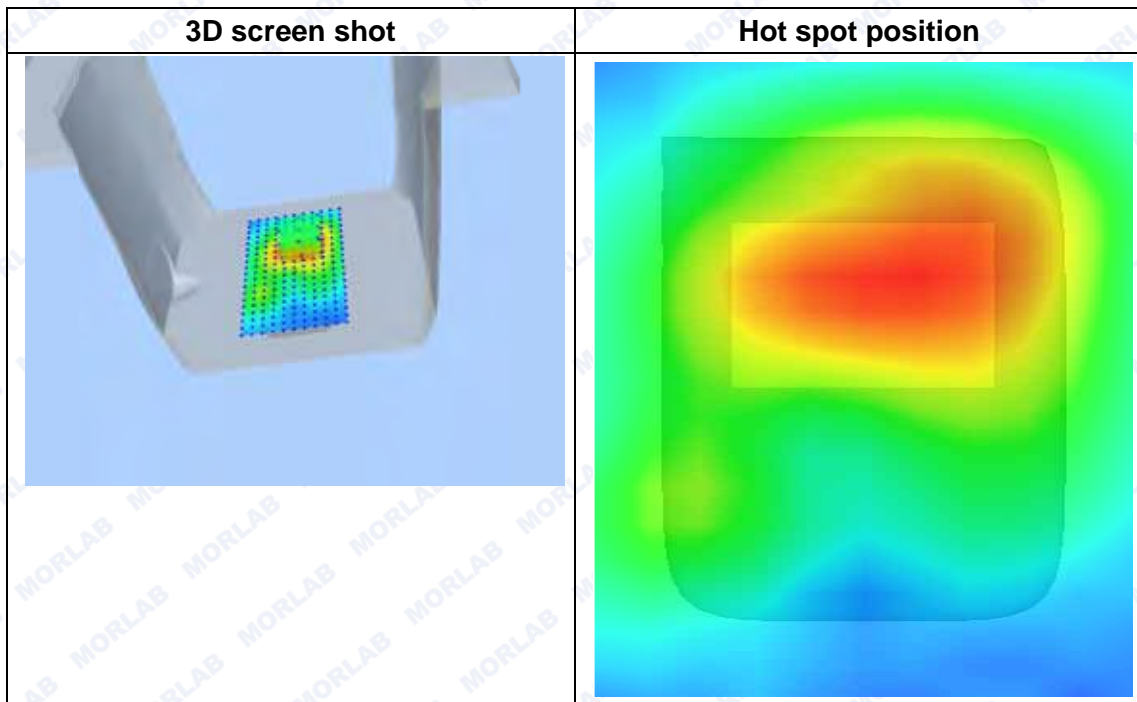
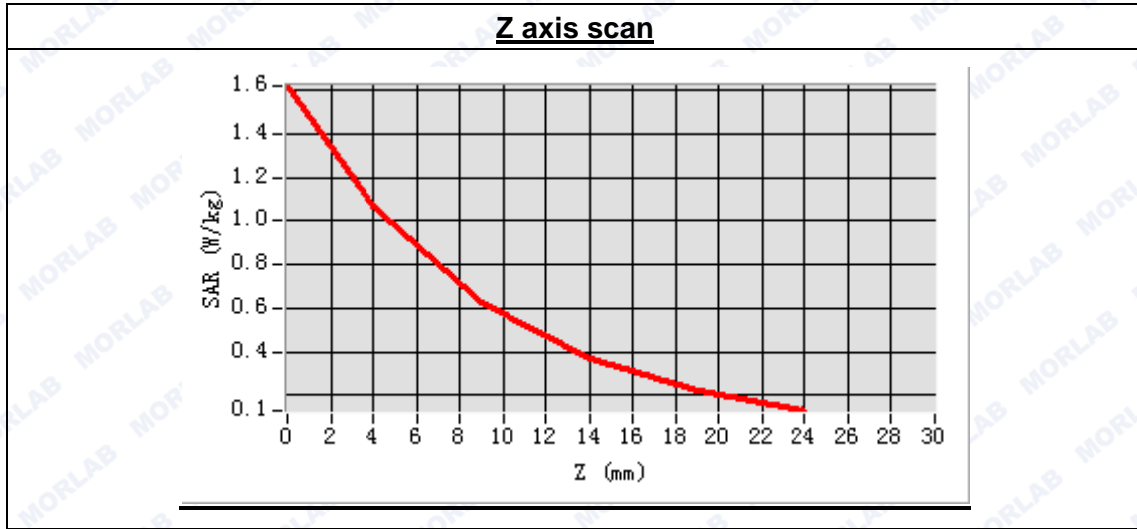




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.086464
SAR 1g (W/Kg)	0.184443







**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

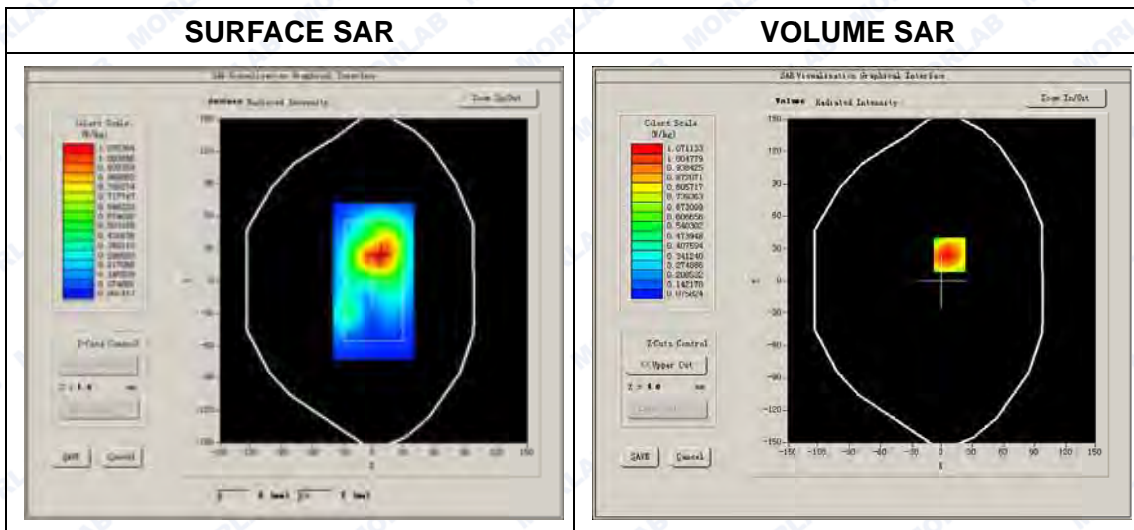
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

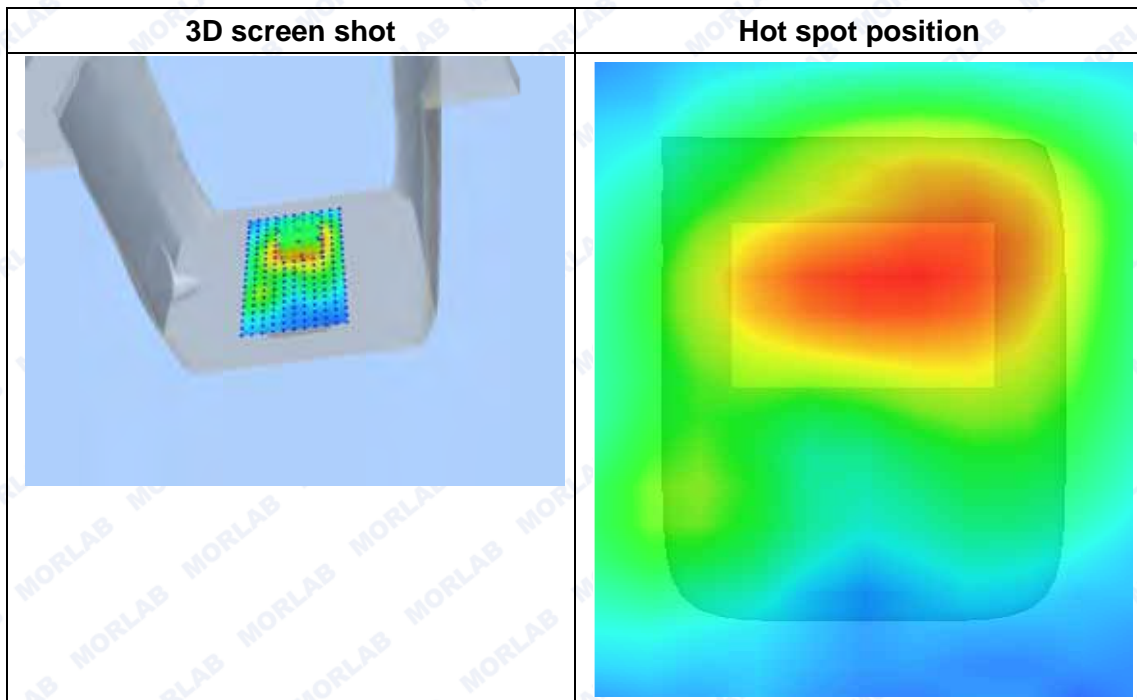
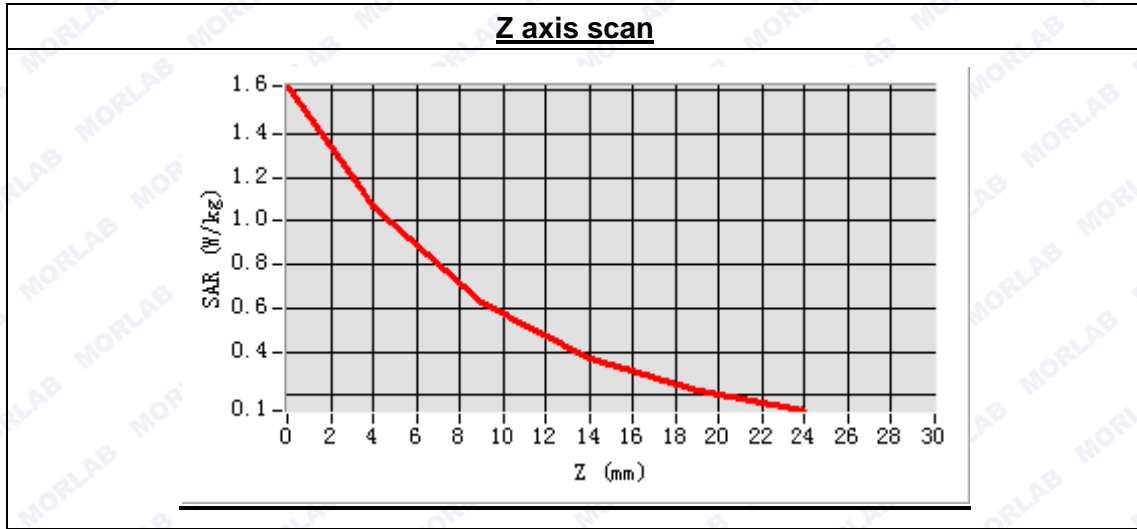




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.437673
SAR 1g (W/Kg)	0.706485





**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: 2015.10.17  
Measurement duration: 9 minutes 35 seconds

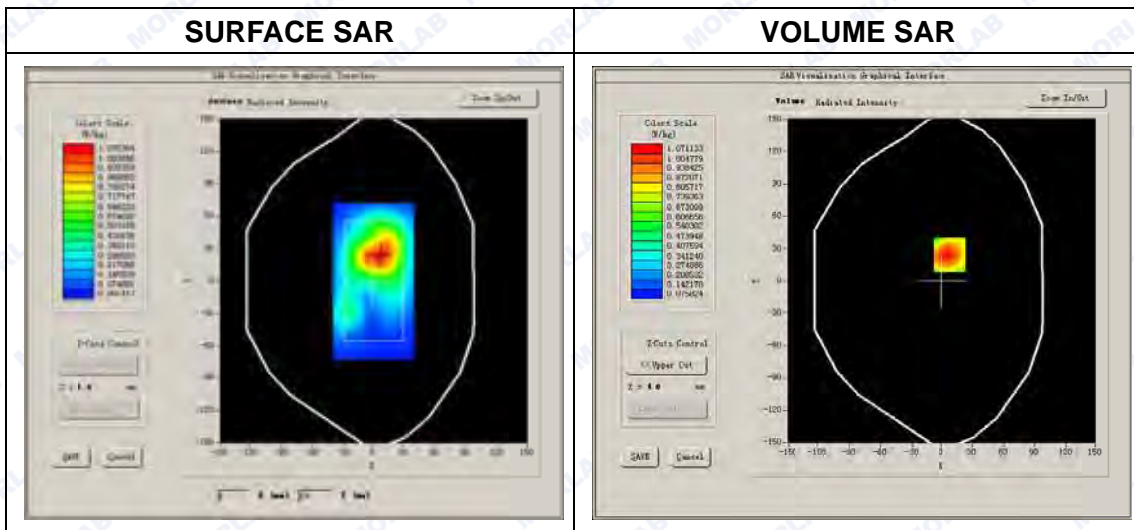
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

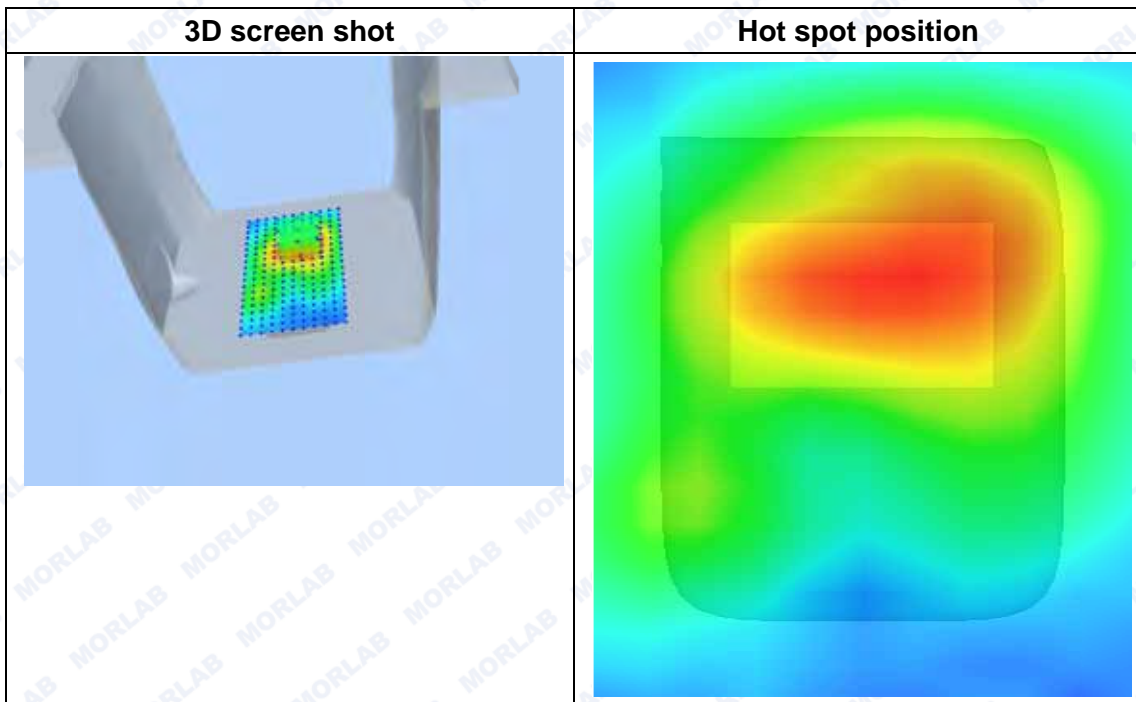
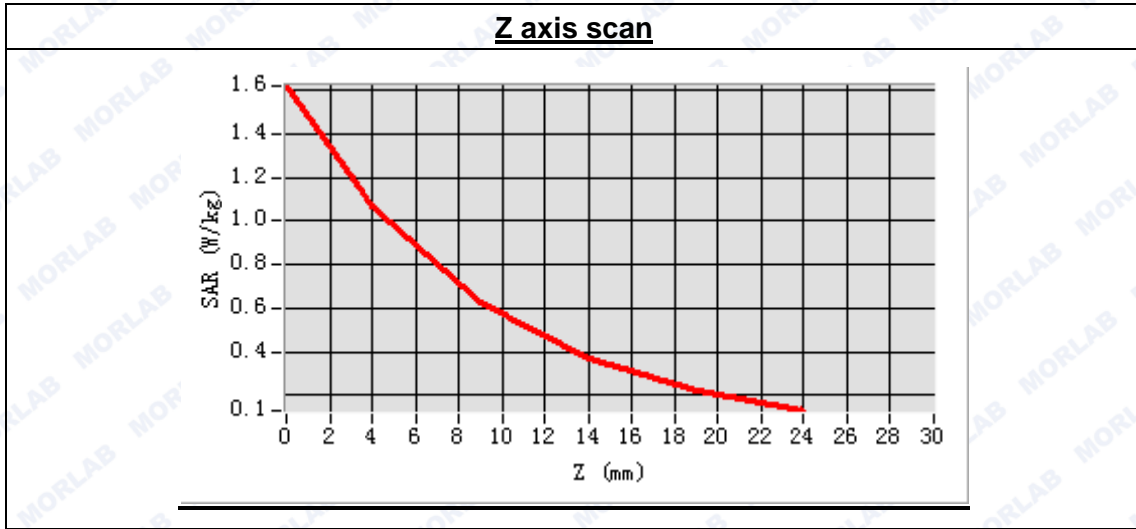




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.443813
SAR 1g (W/Kg)	0.728112





**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

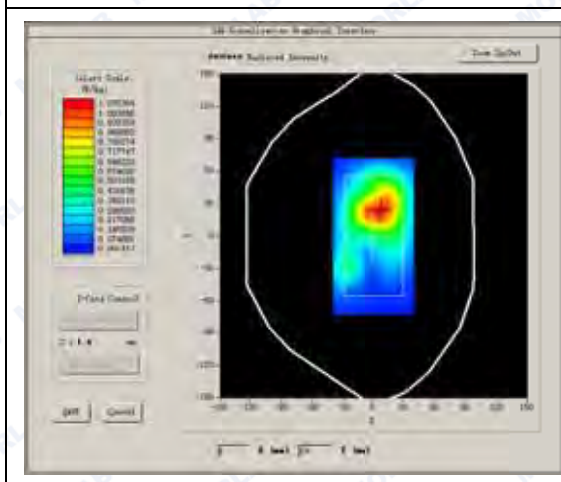
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 2
Channels	Middle
Signal	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

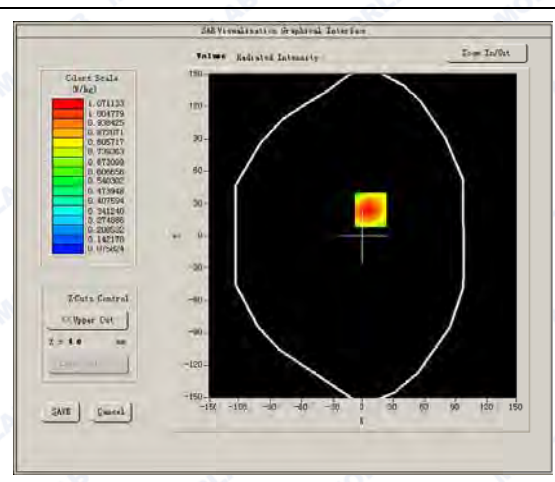
Middle Band SAR (Channel 18900):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.561513
Conductivity (S/m)	1.468859
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**

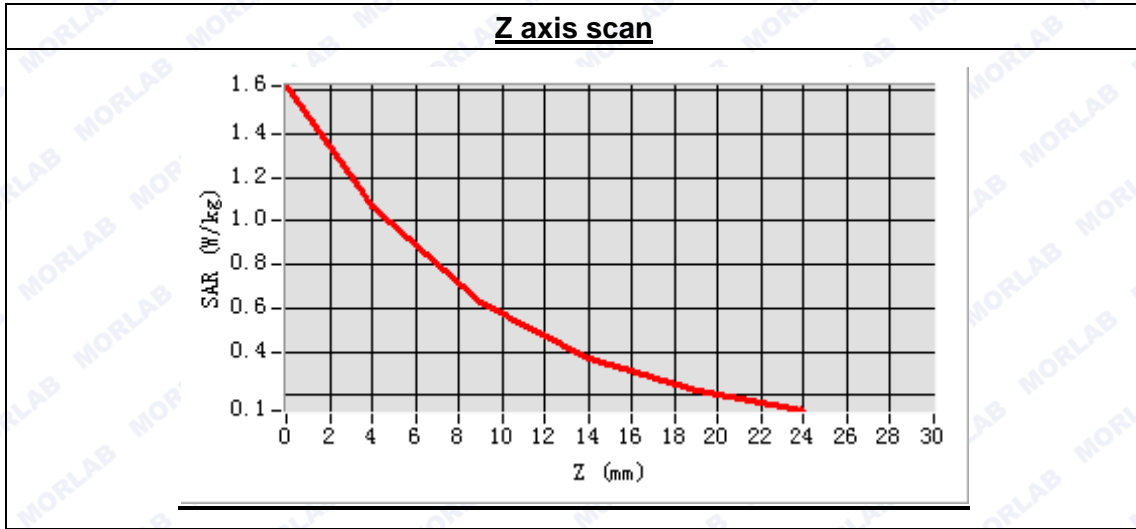




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.476938
SAR 1g (W/Kg)	0.853891



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



**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

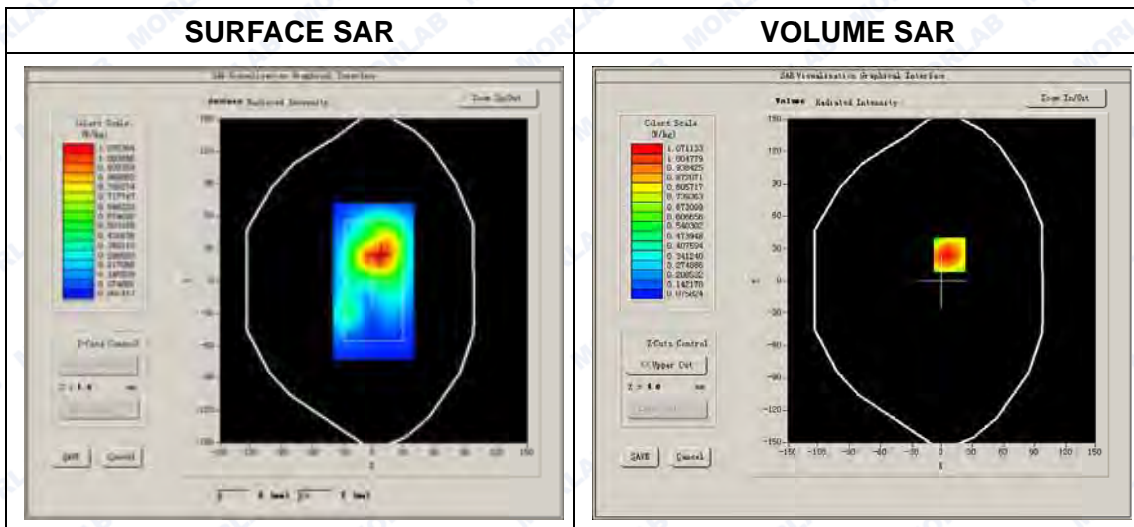
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

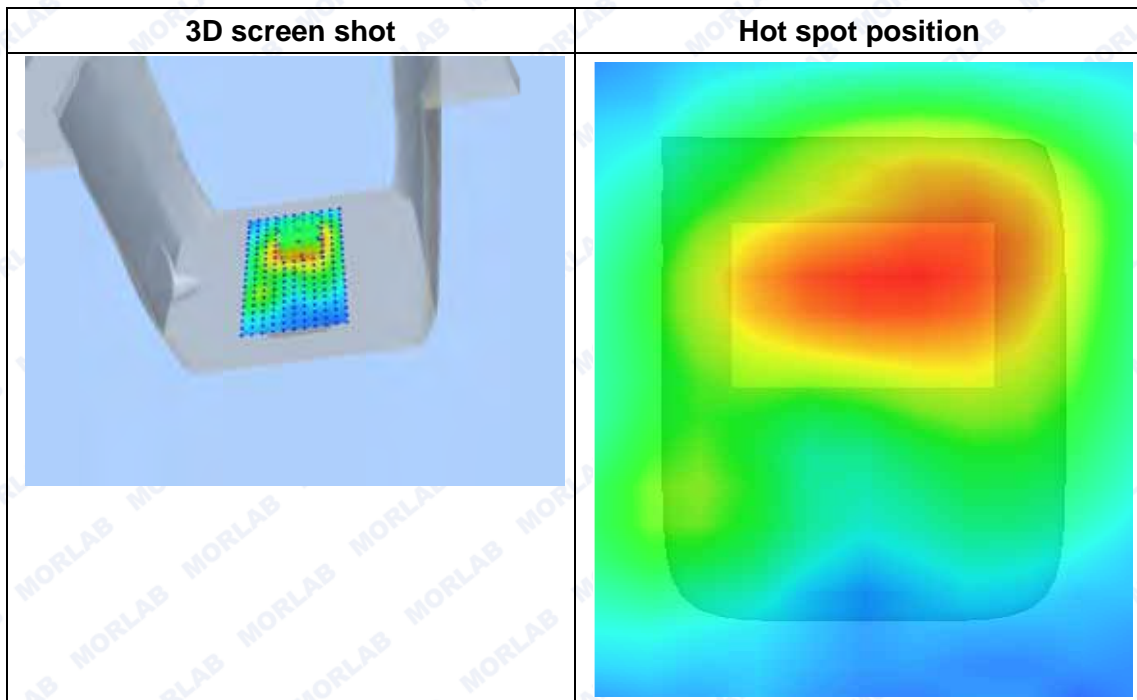
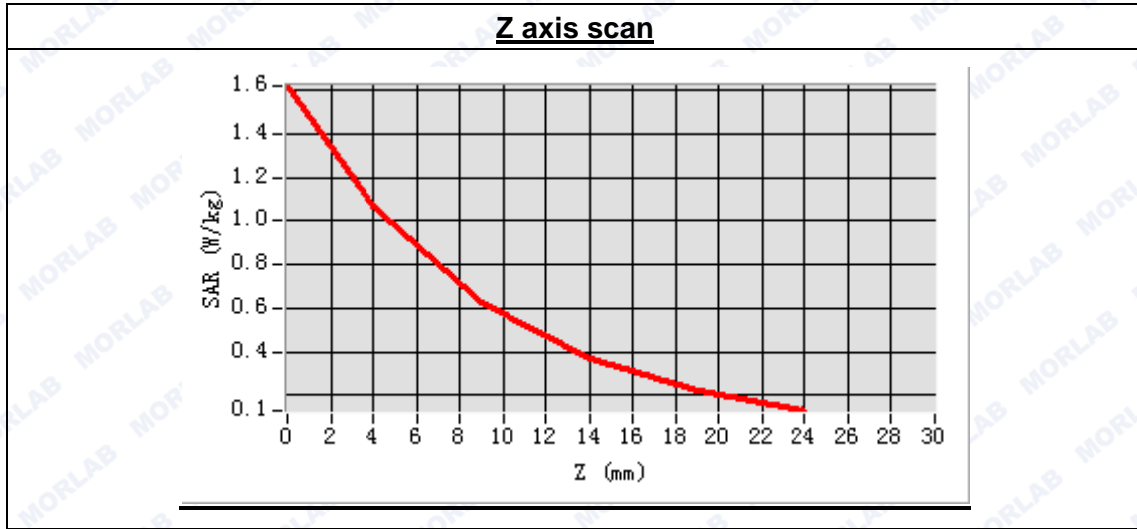




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.476938
SAR 1g (W/Kg)	0.706891





**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

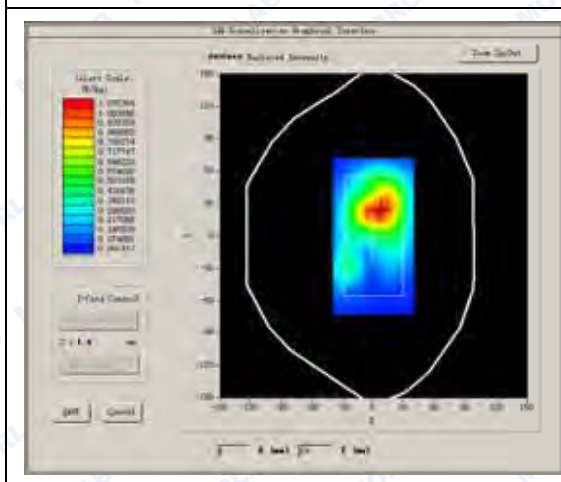
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

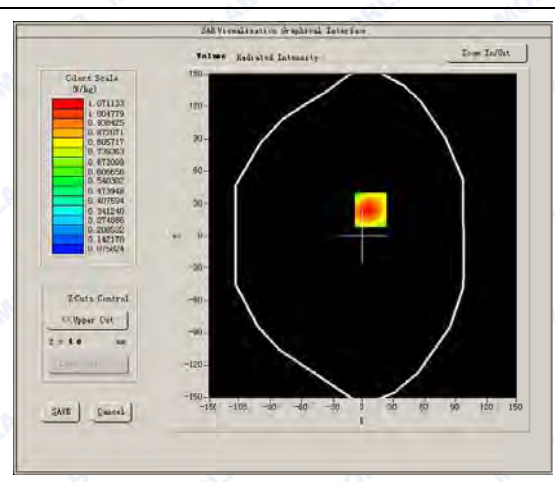
Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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**

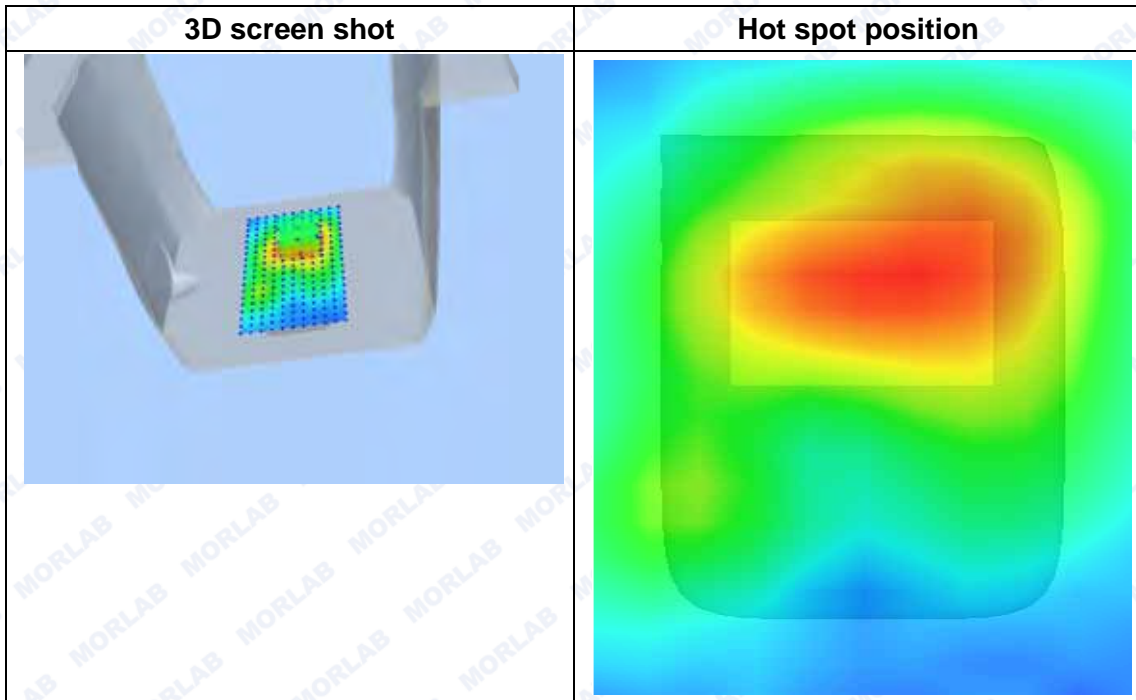
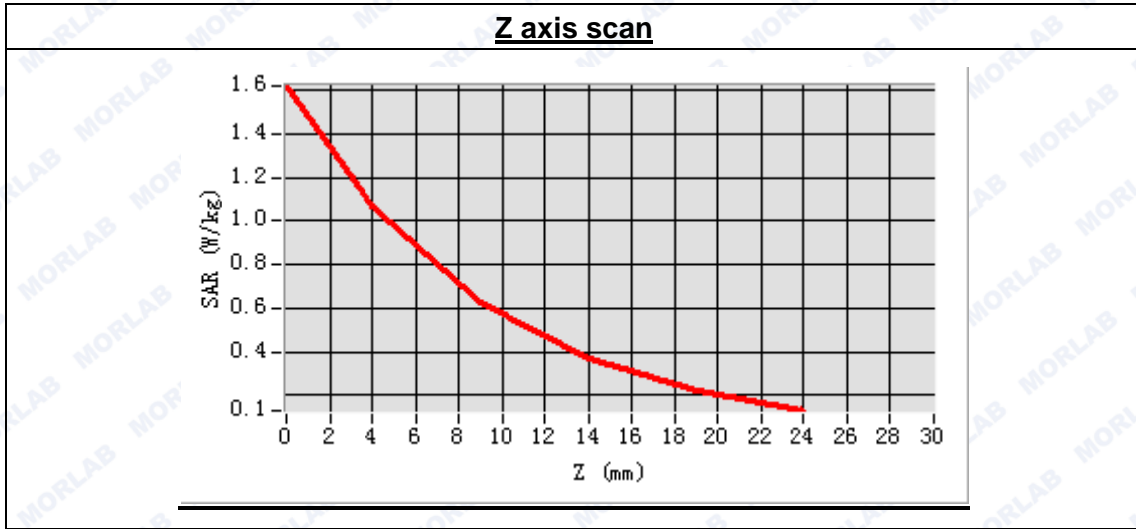




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.446938
SAR 1g (W/Kg)	0.728321





**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

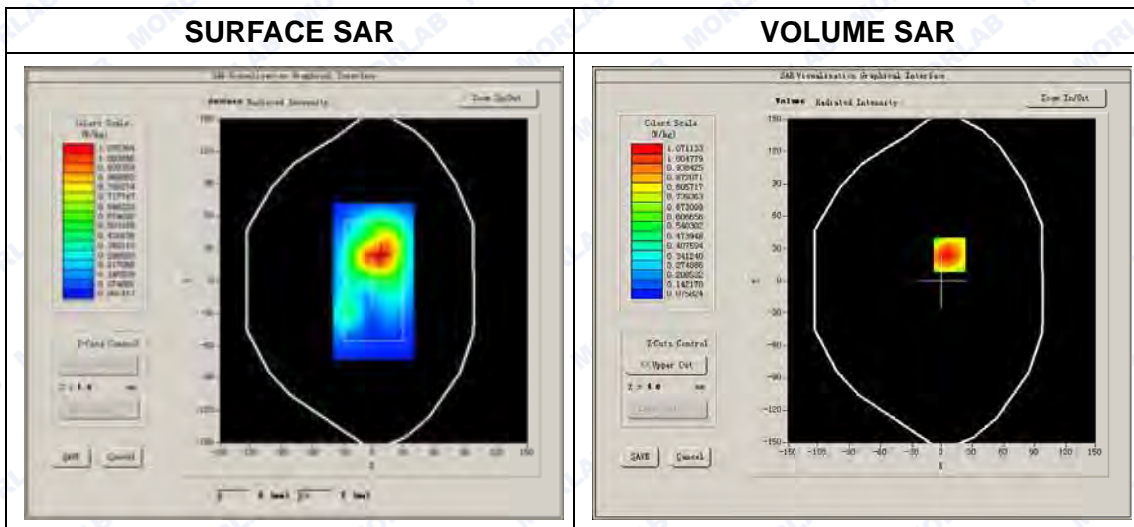
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 2
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_20M_50RB offset 99

**B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.561513
<b>Conductivity (S/m)</b>	1.468859
<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

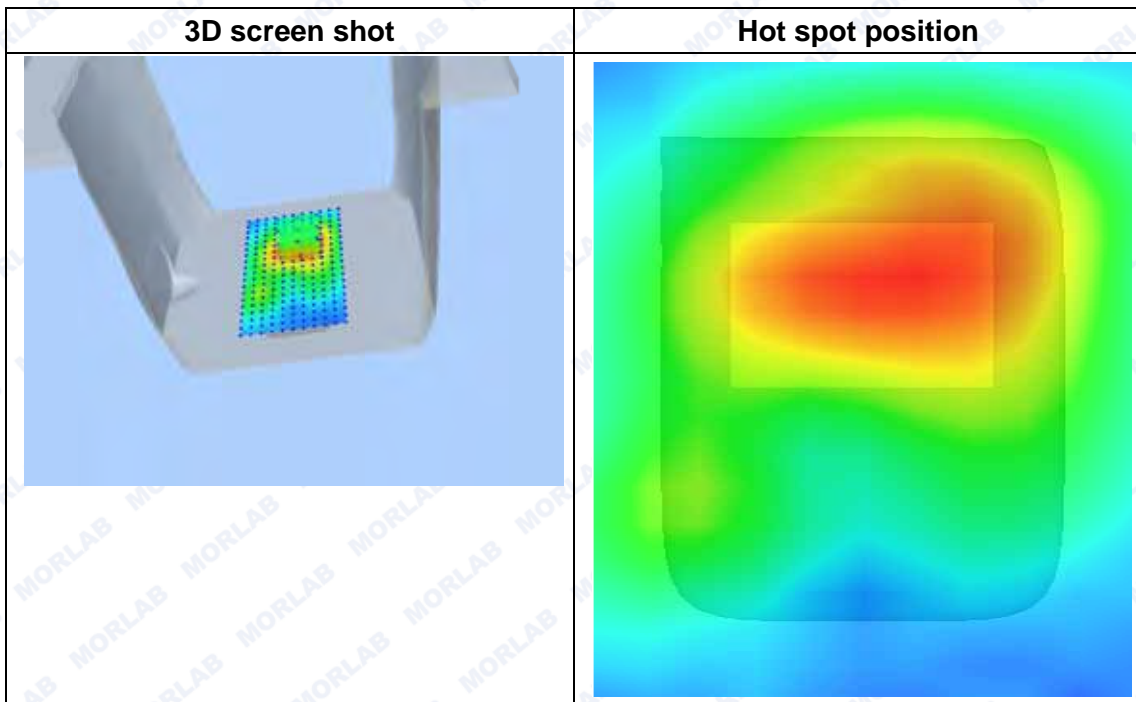
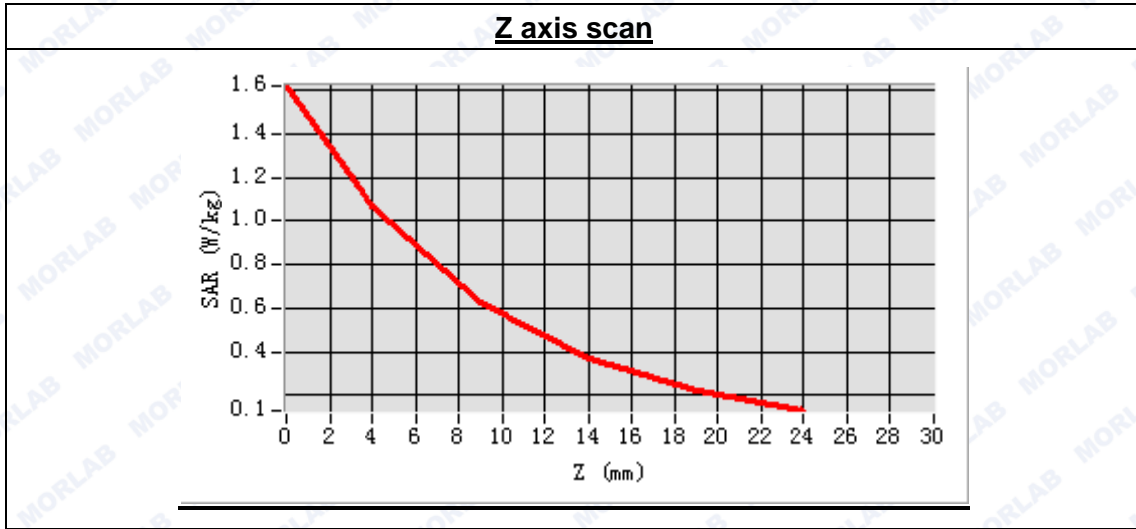




Maximum location: X=7.00, Y=24.00

SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.476938
SAR 1g (W/Kg)	0.853891





**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: 2015.10.16  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

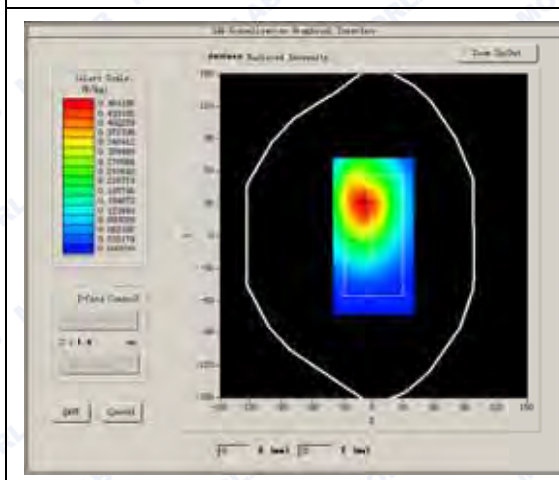
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 5
Channels	Low
Signal	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

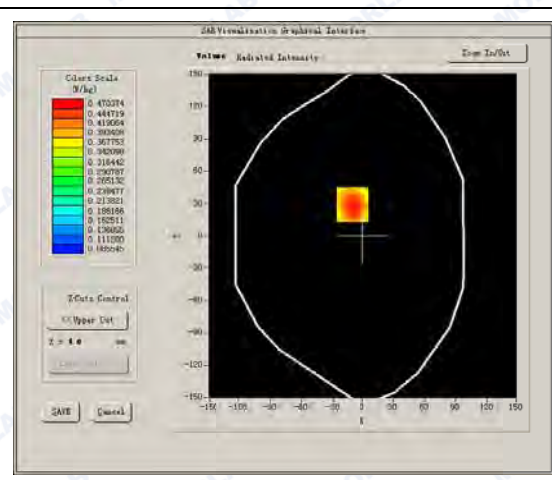
Low Band SAR (Channel 20450):

Frequency (MHz)	829.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
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**



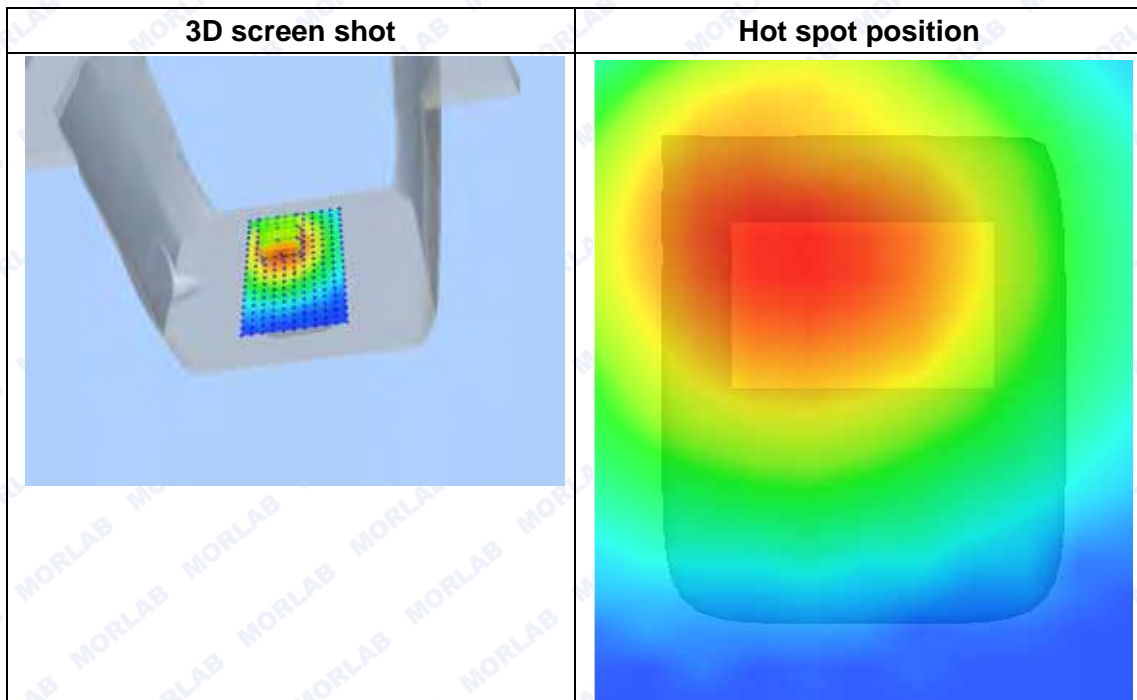
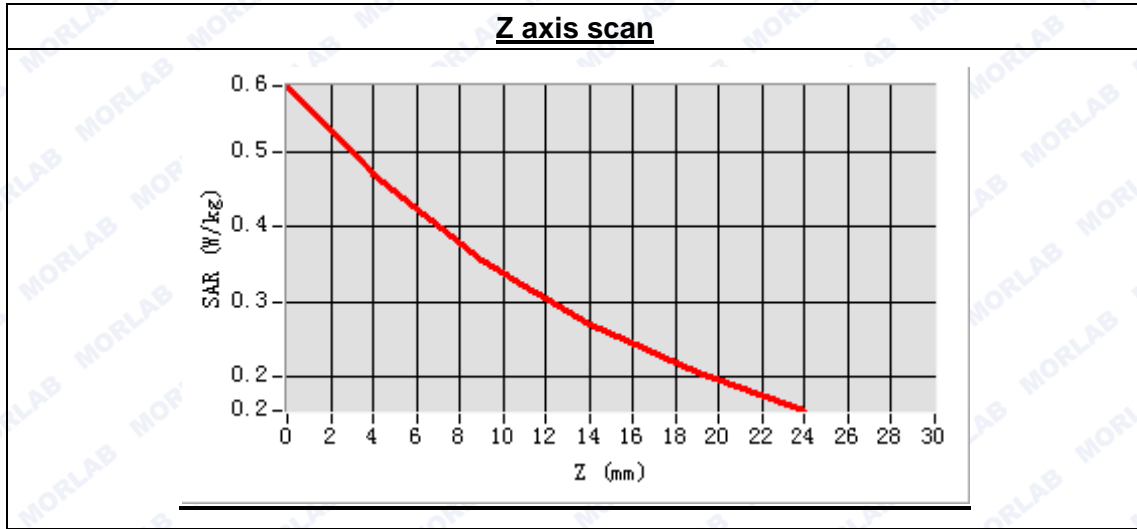


REPORT No. : SZ15100009S01

Maximum location: X=-10.00, Y=29.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.353168
SAR 1g (W/Kg)	0.487618





**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: 2015.10.16  
Measurement duration: 9 minutes 35 seconds

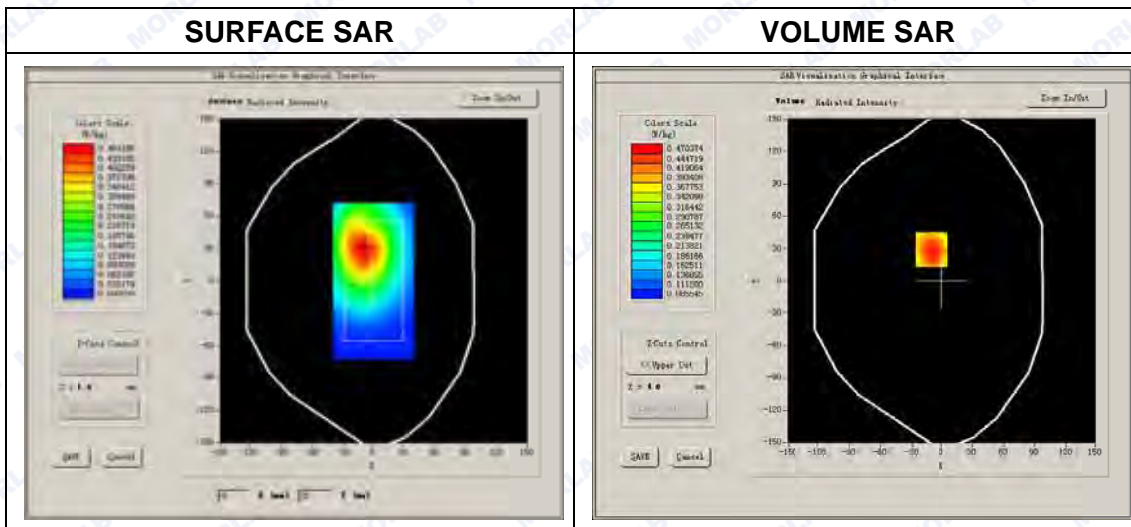
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 5
Channels	Low
Signal	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 20450):

Frequency (MHz)	829.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	-3.890000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

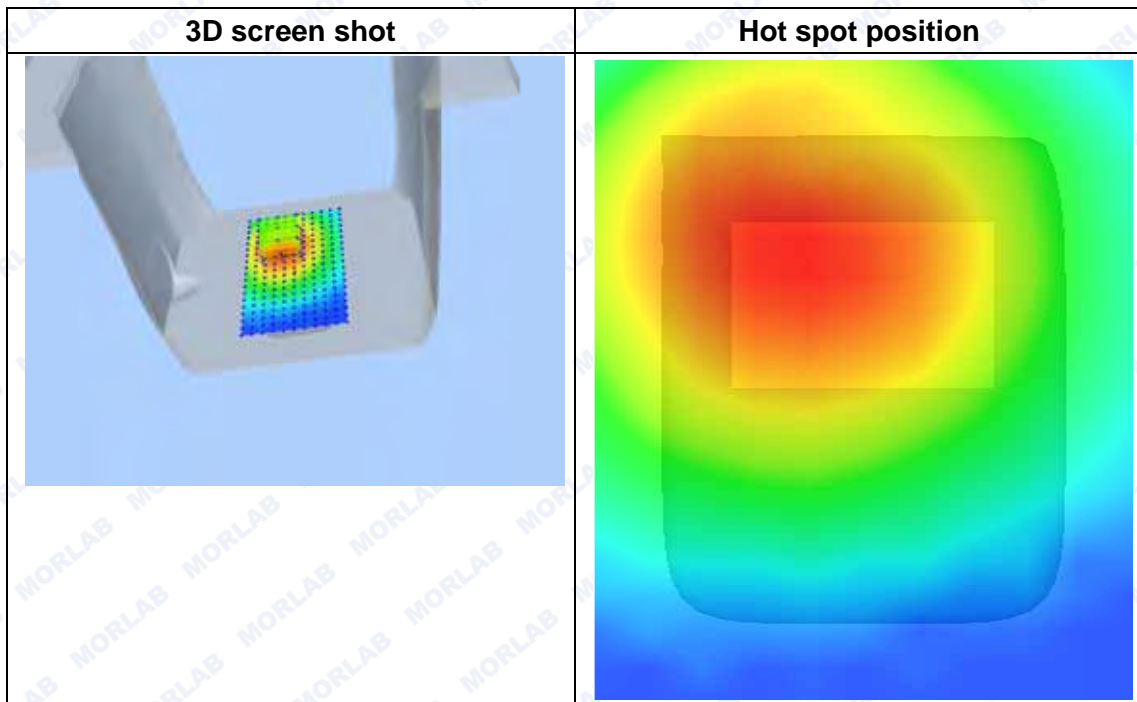
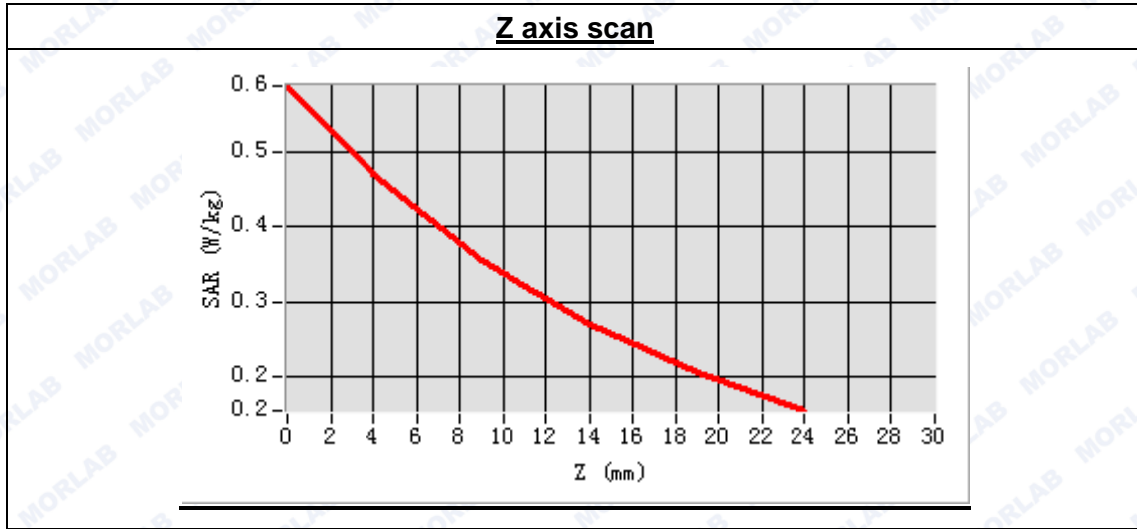




Maximum location: X=-10.00, Y=29.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.242153
SAR 1g (W/Kg)	0.340125







**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: 2015.10.16  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

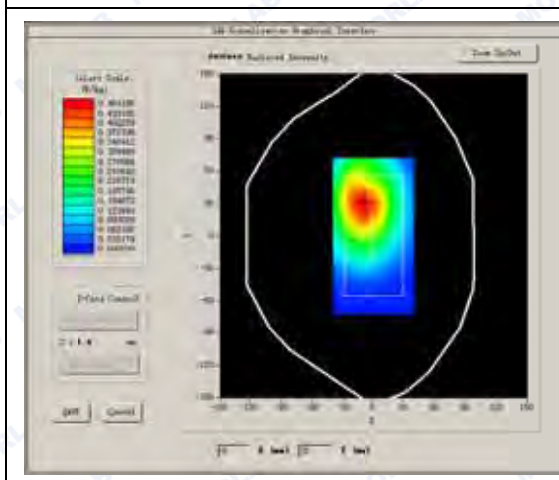
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

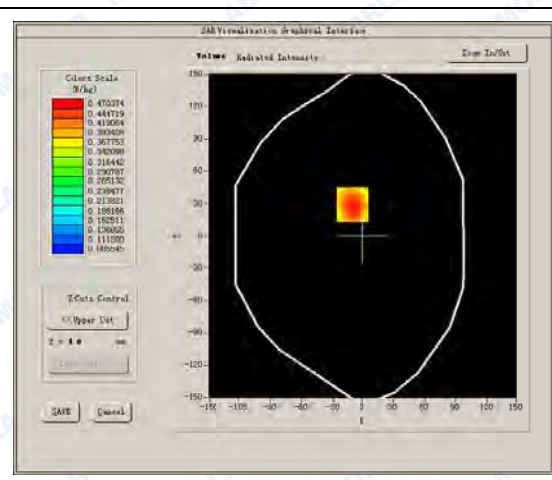
Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<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**



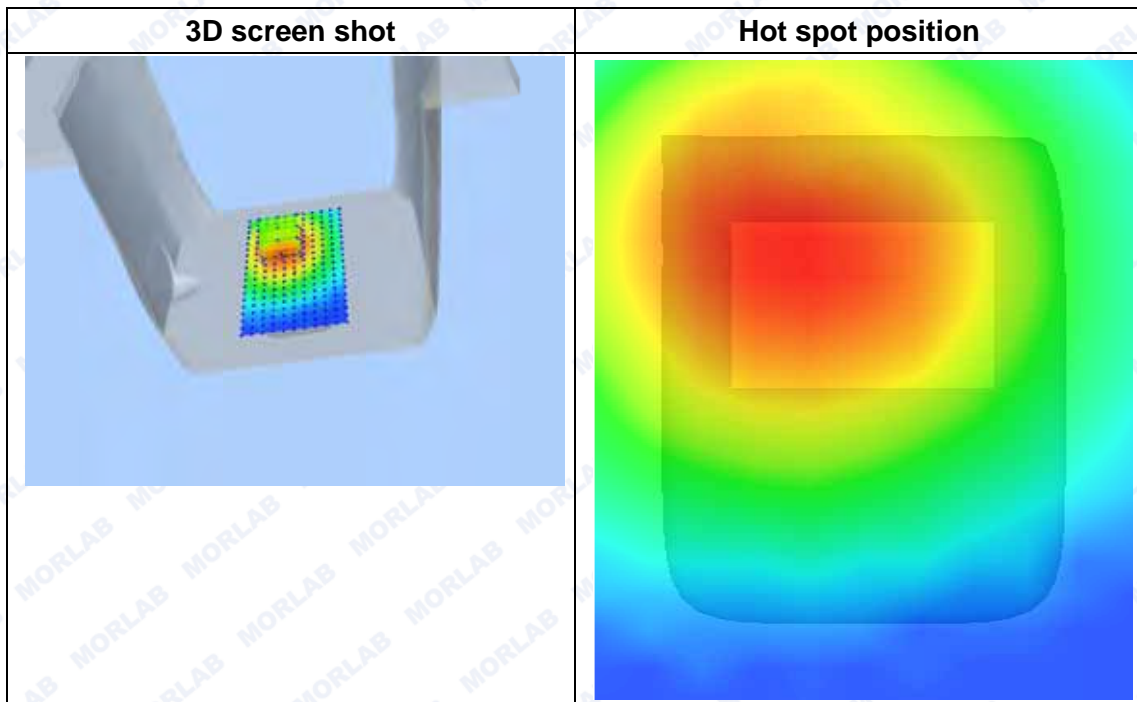
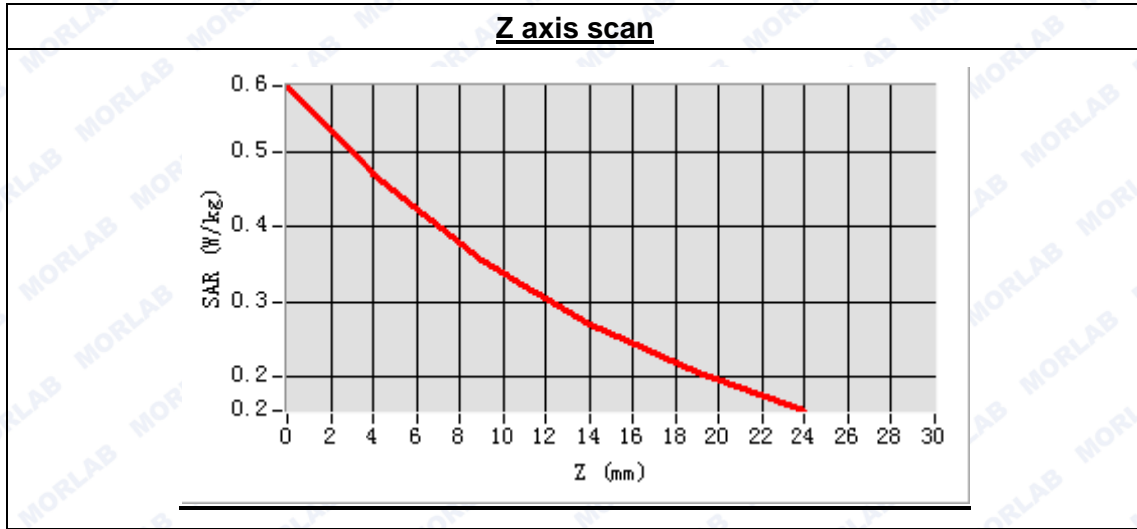
**VOLUME SAR**





Maximum location: X=-10.00, Y=29.00  
SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.083168
SAR 1g (W/Kg)	0.159025





**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: 2015.10.16  
 Measurement duration: 9 minutes 35 seconds

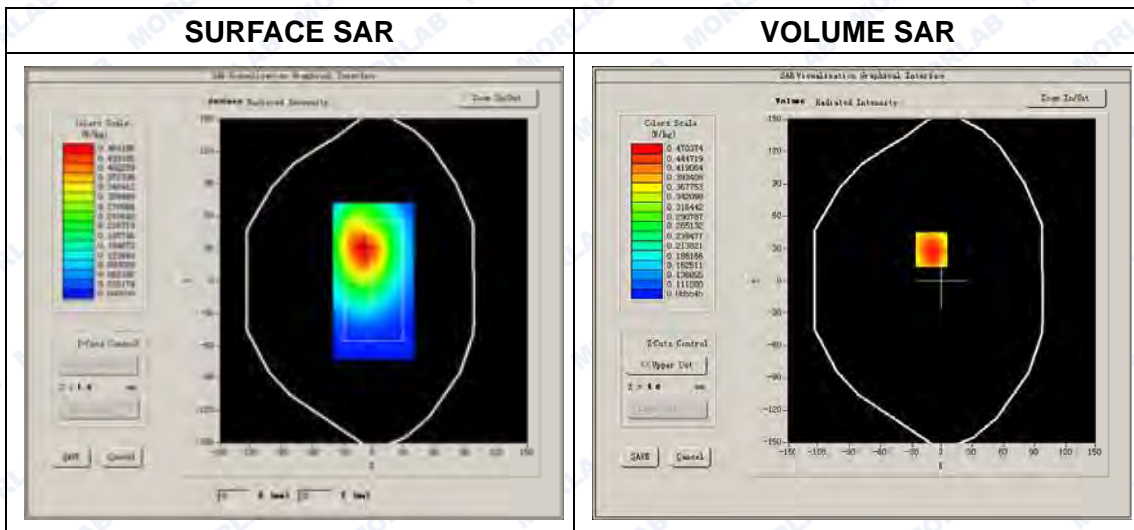
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<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

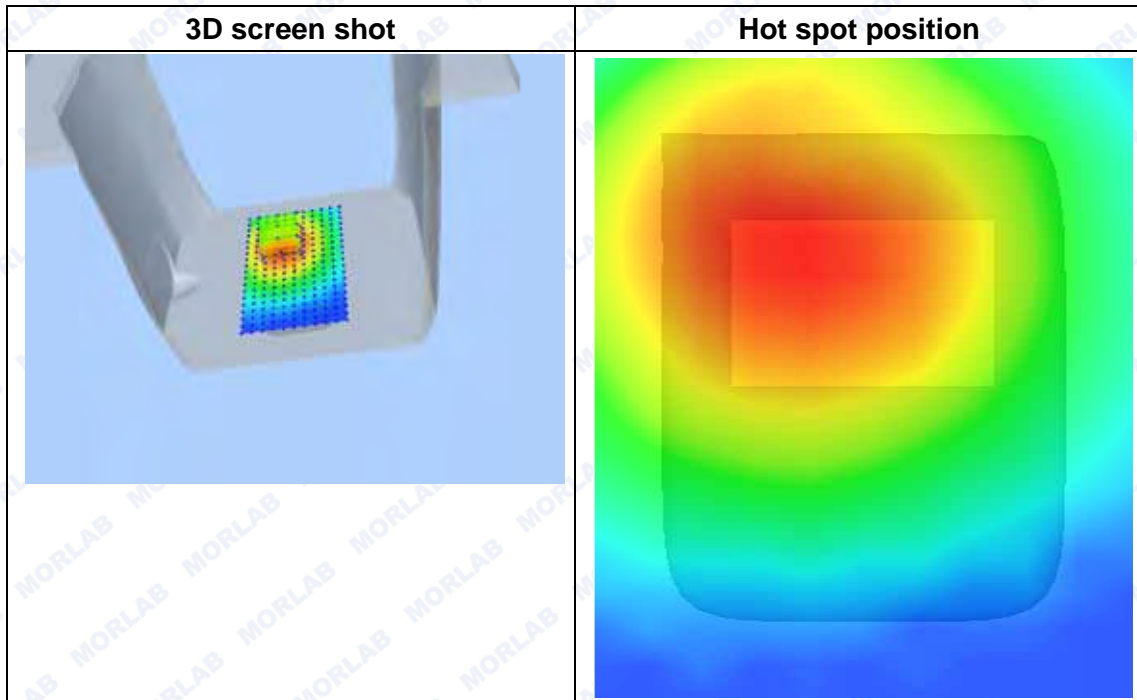
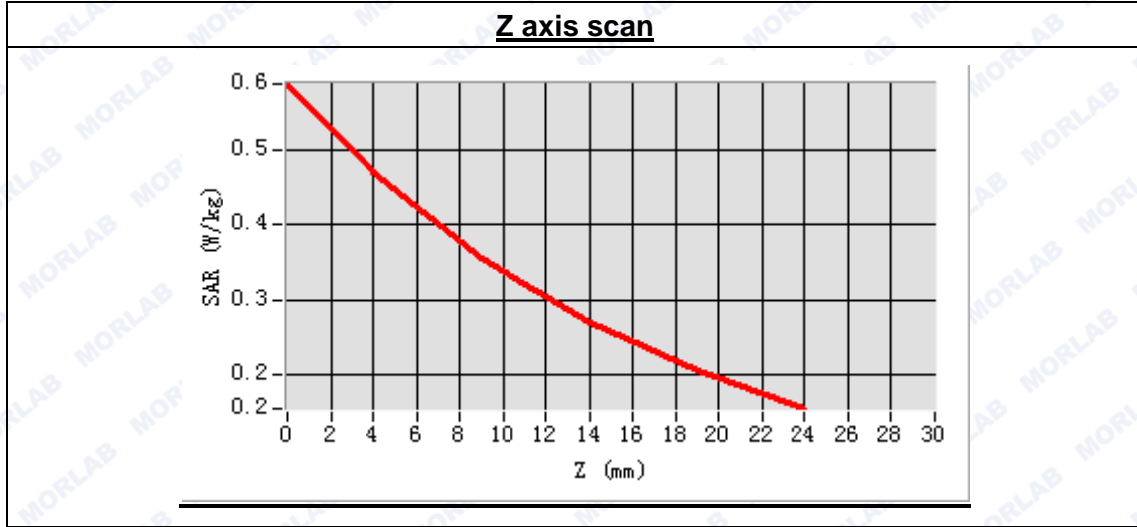




Maximum location: X=-10.00, Y=29.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.123168
SAR 1g (W/Kg)	0.206431





**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: 2015.10.16  
 Measurement duration: 9 minutes 35 seconds

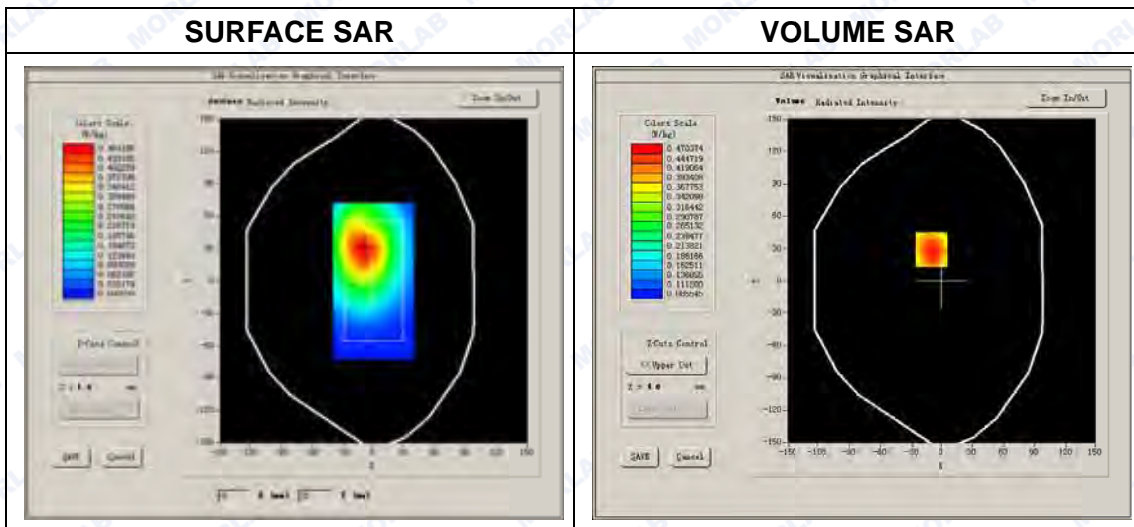
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 20450):

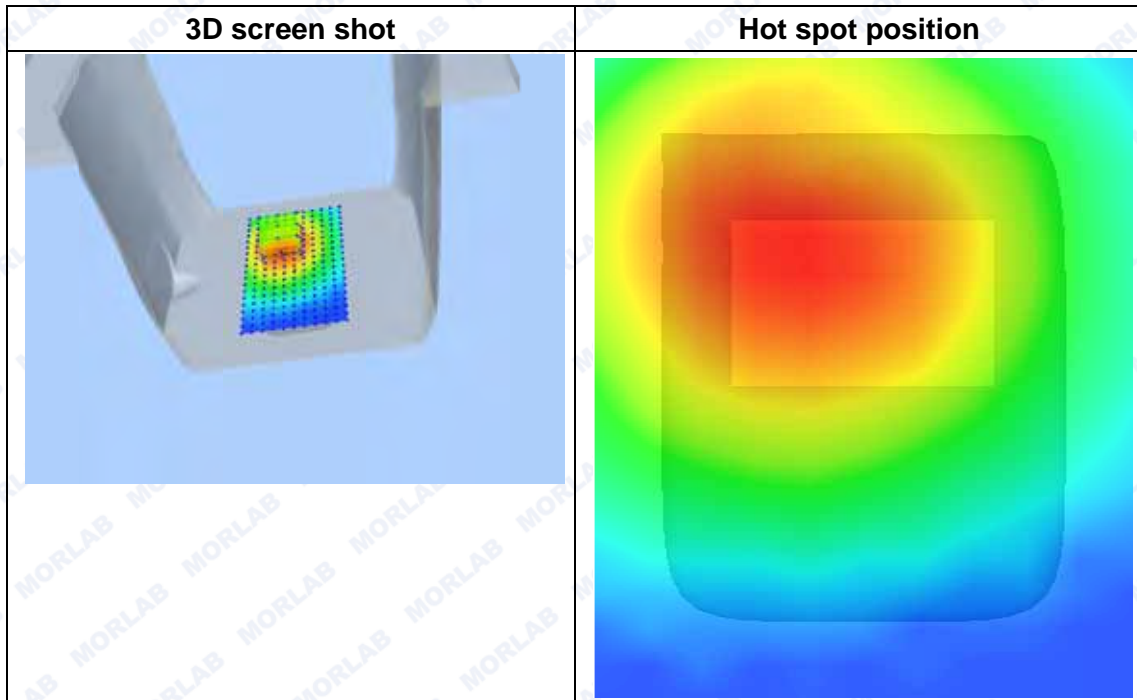
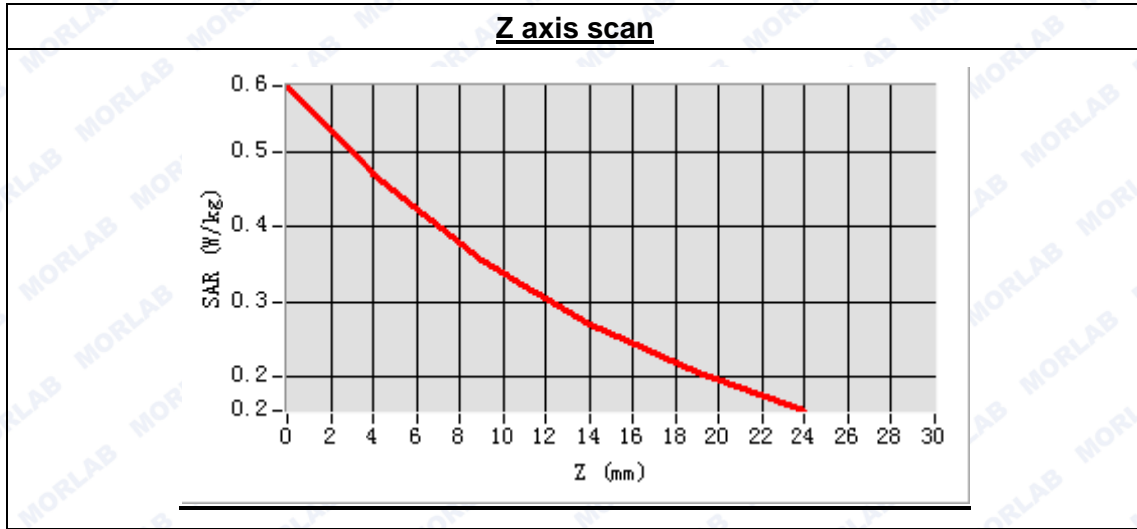
<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<b>Power drift (%)</b>	-3.890000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1





Maximum location: X=-10.00, Y=29.00  
SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.103168
SAR 1g (W/Kg)	0.191018



**MEASUREMENT 56**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.10.16

Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

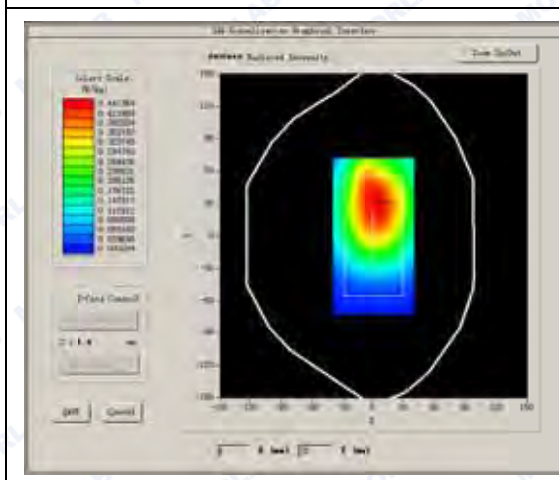
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5 (10MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_25RB_RB offset 49

**B. SAR Measurement Results**

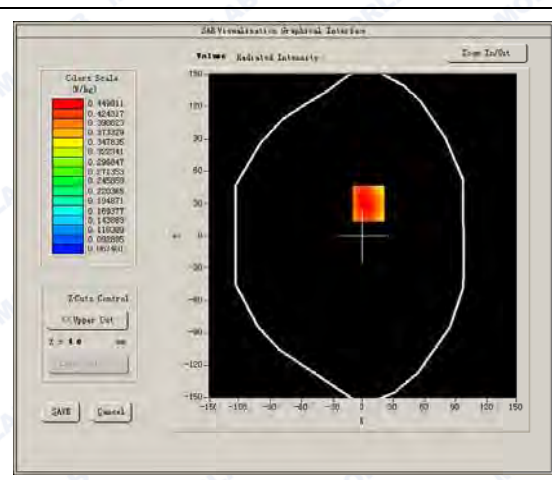
Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	-0.290000
<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**

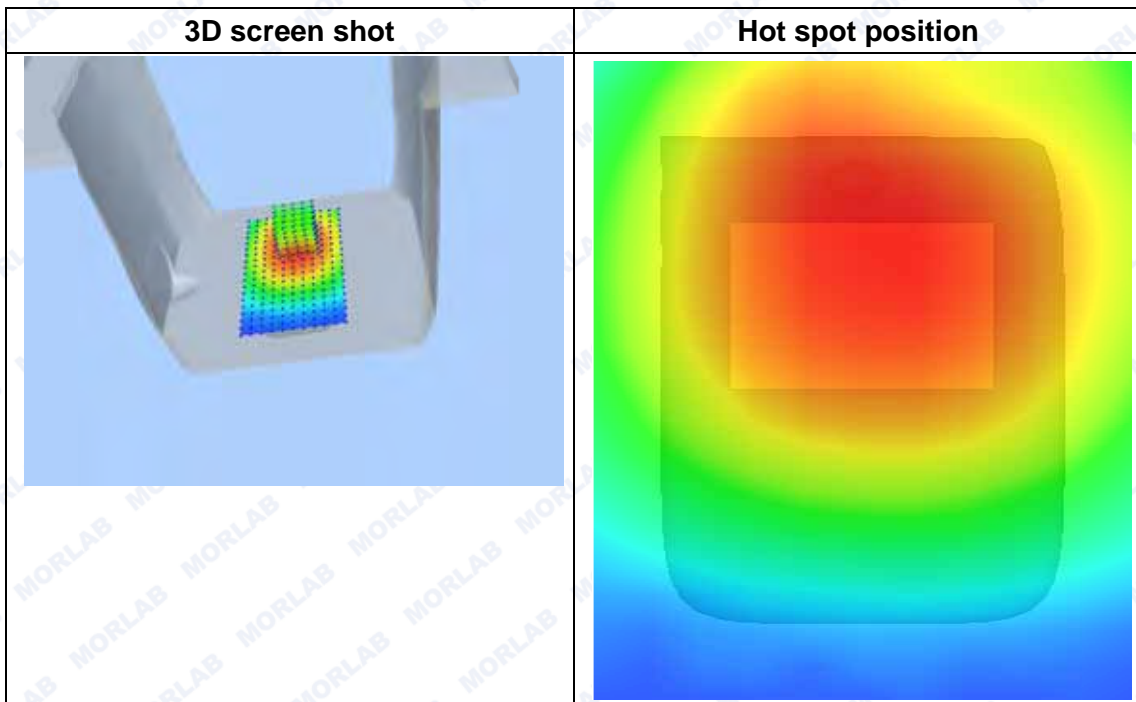
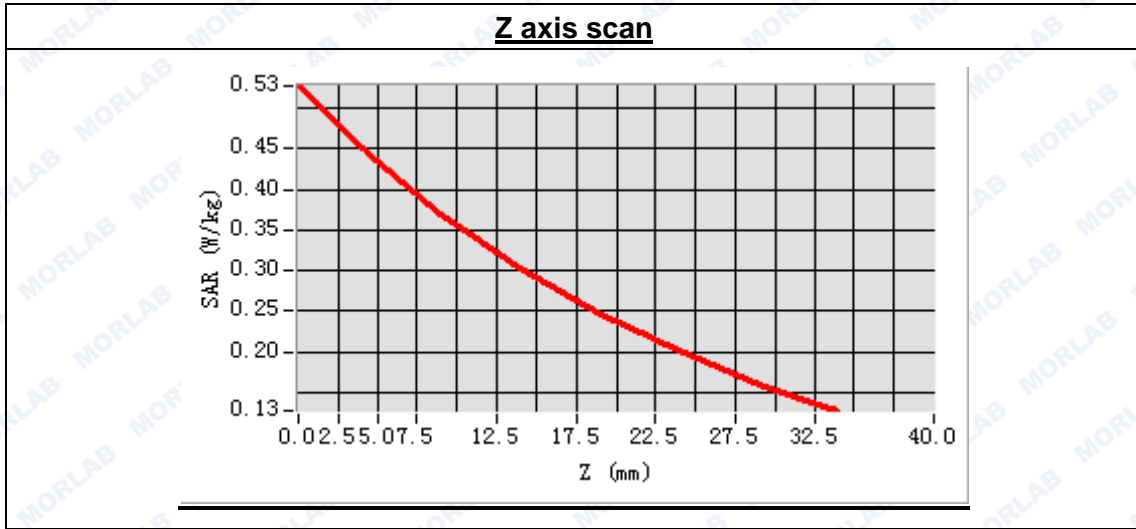




Maximum location: X=5.00, Y=30.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.269113
SAR 1g (W/Kg)	0.328217







**MEASUREMENT 57**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

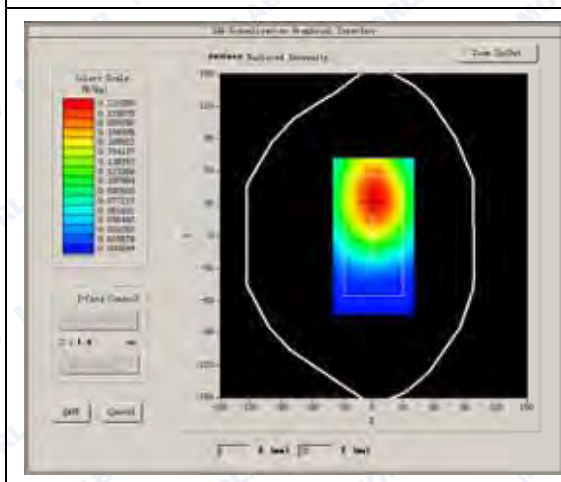
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5 (10MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_25RB_RB offset 49

**B. SAR Measurement Results**

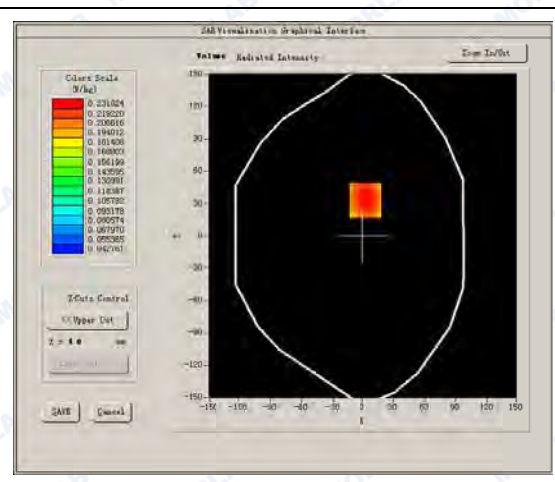
Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	-0.290000
<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**

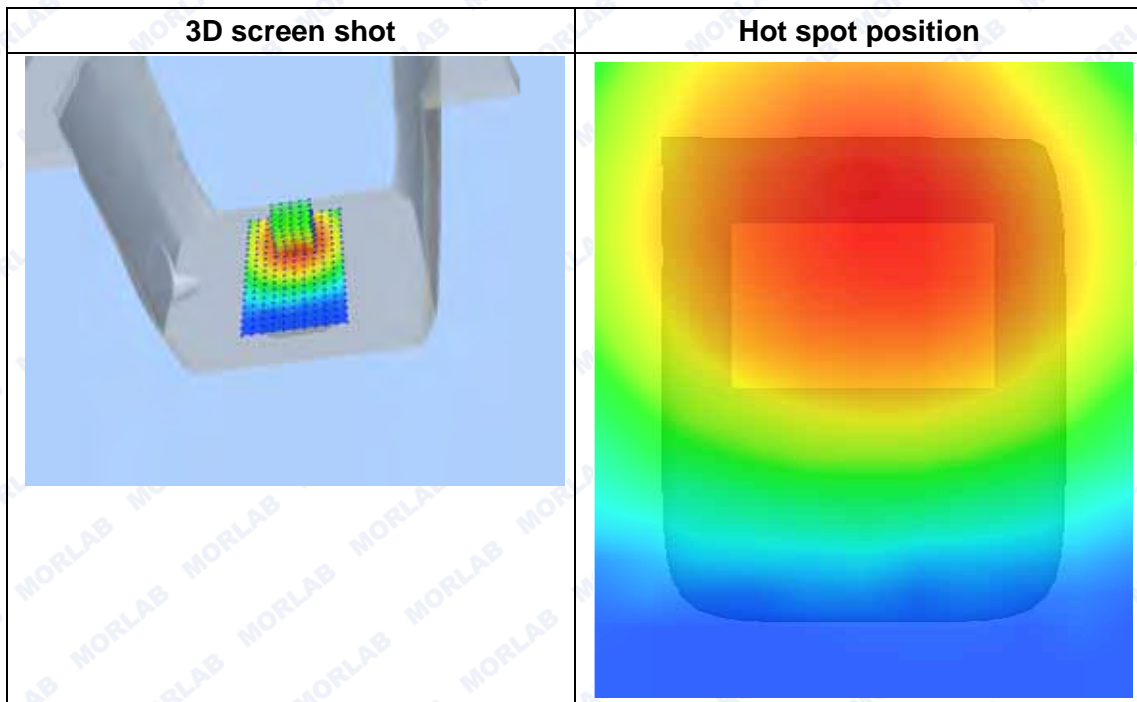
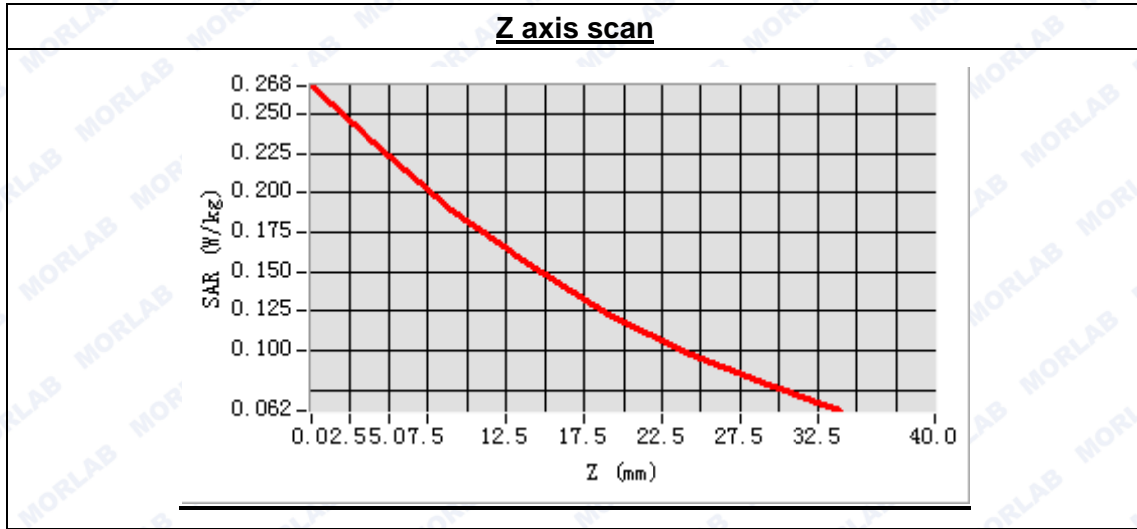




Maximum location: X=2.00, Y=33.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.188336
SAR 1g (W/Kg)	0.280478





**MEASUREMENT 58**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

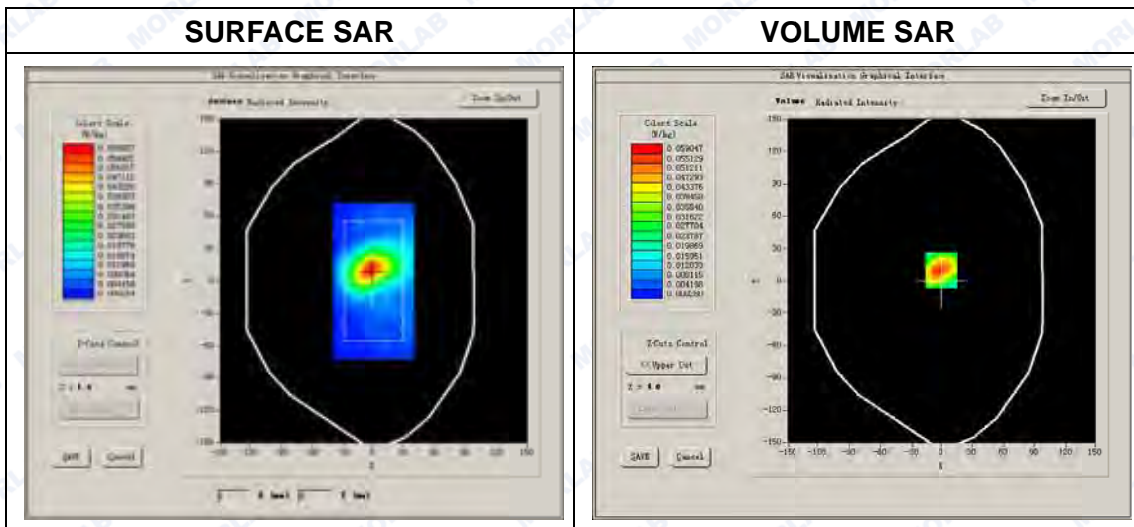
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5 (10MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_25RB_RB offset 49

**B. SAR Measurement Results**

Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	-0.290000
<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

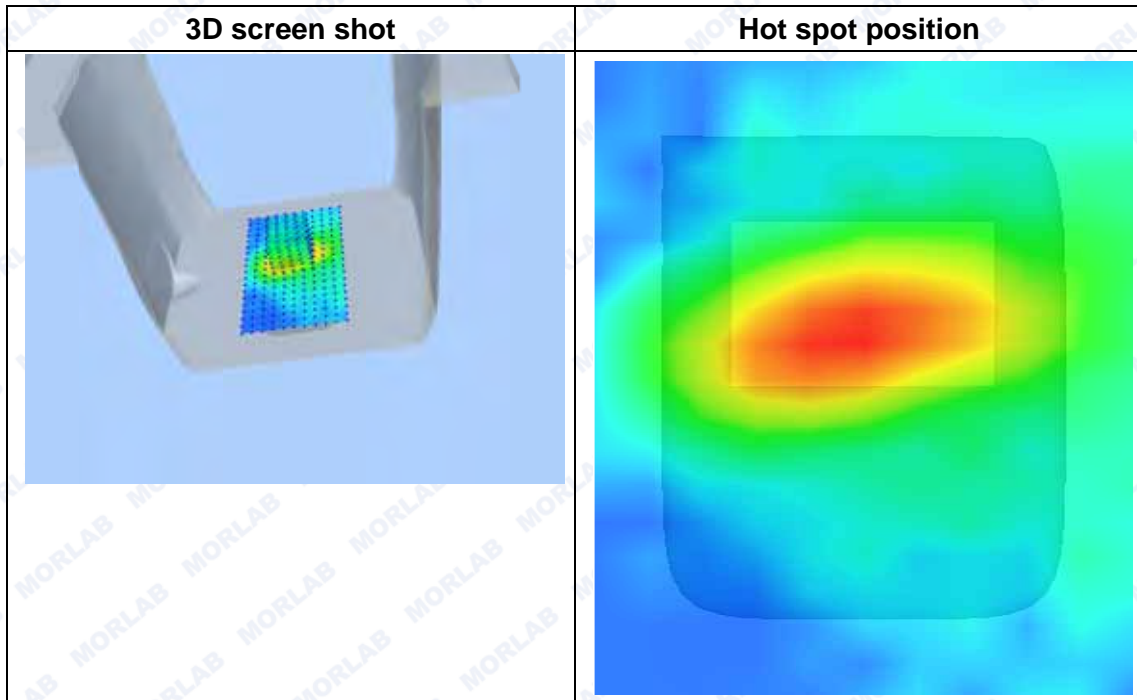
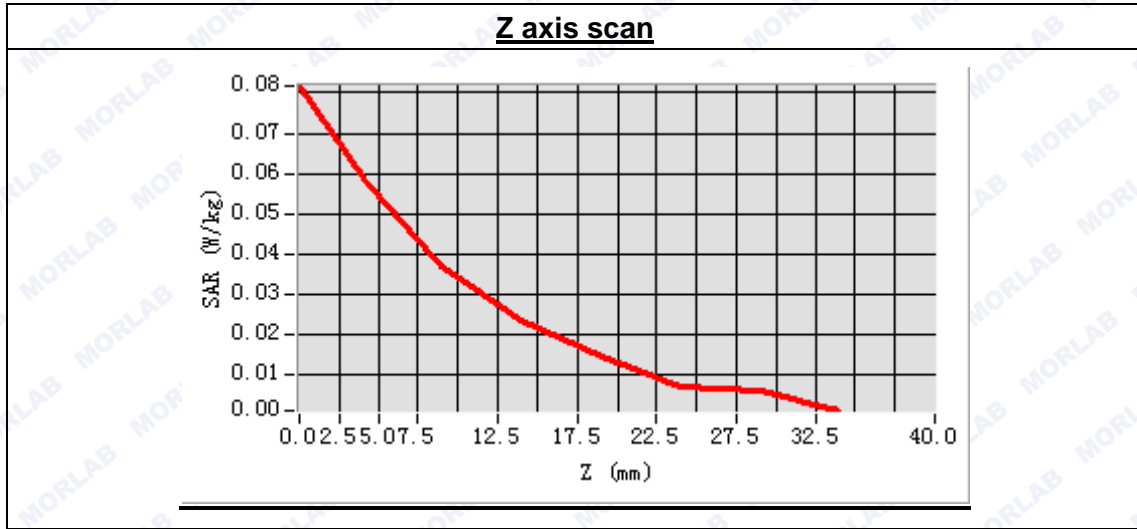




Maximum location: X=-1.00, Y=10.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.084158
SAR 1g (W/Kg)	0.126880





**MEASUREMENT 59**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 28 seconds

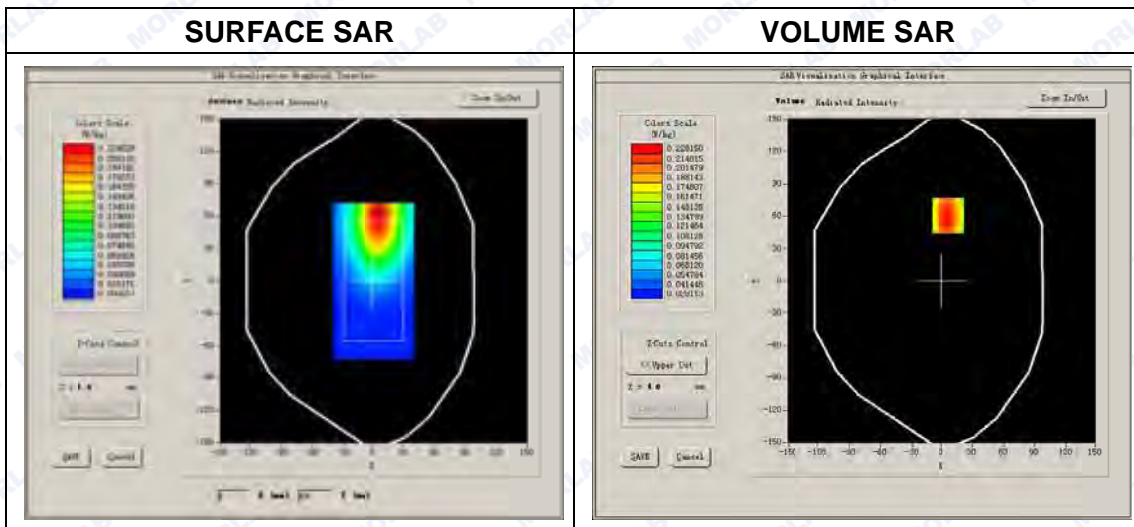
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5 (10MHz)
<b>Channels</b>	Low
<b>Signal</b>	QPSK_25RB_RB offset 49

**B. SAR Measurement Results**

Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	-0.290000
<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

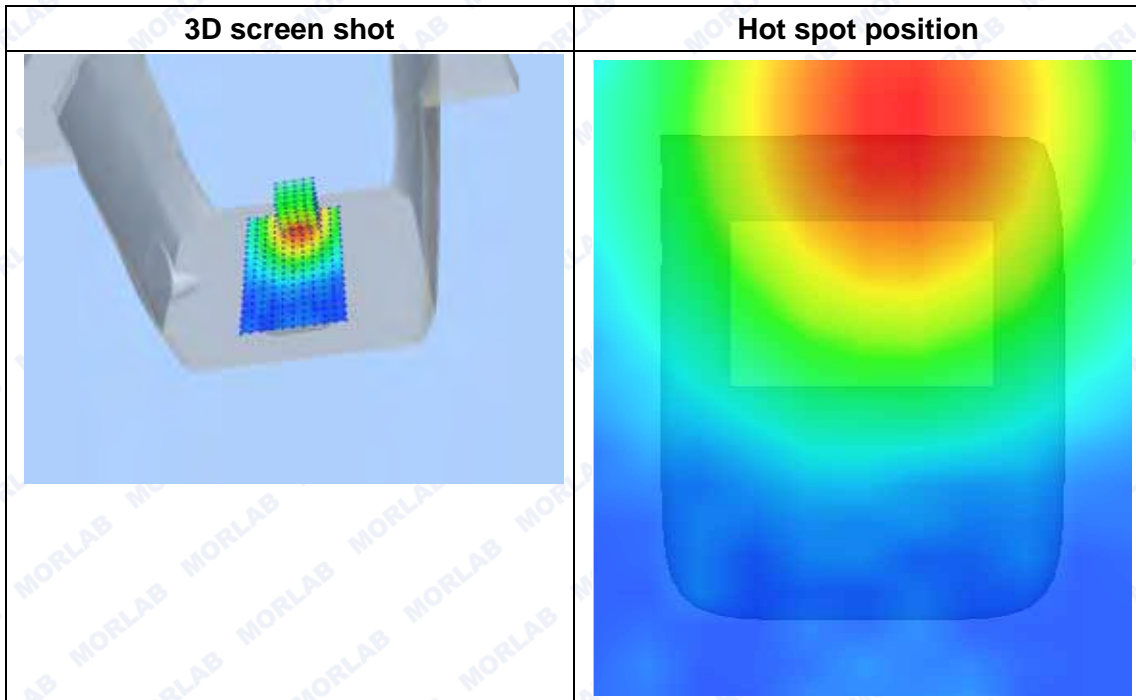
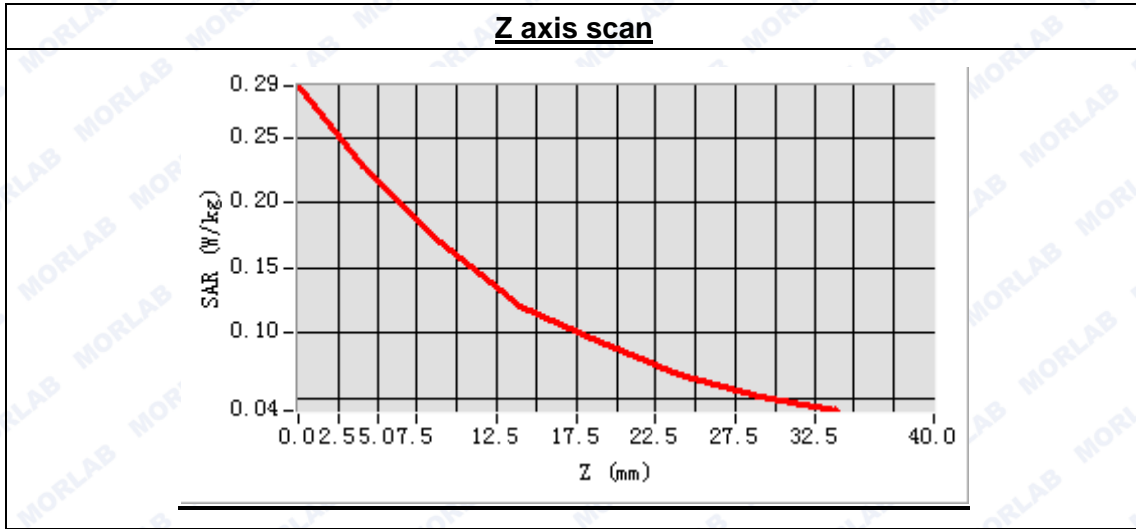




Maximum location: X=6.00, Y=61.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.104669
SAR 1g (W/Kg)	0.165475





**MEASUREMENT 60**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
Date of measurement: 2015.10.16  
Measurement duration: 9 minutes 28 seconds

**A. Experimental conditions.**

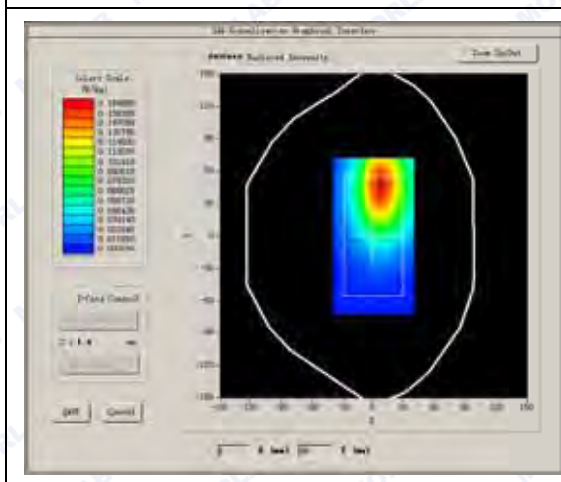
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 5
<b>Channels</b>	Low
<b>Signal</b>	QPSK_25RB_RB offset 49

**B. SAR Measurement Results**

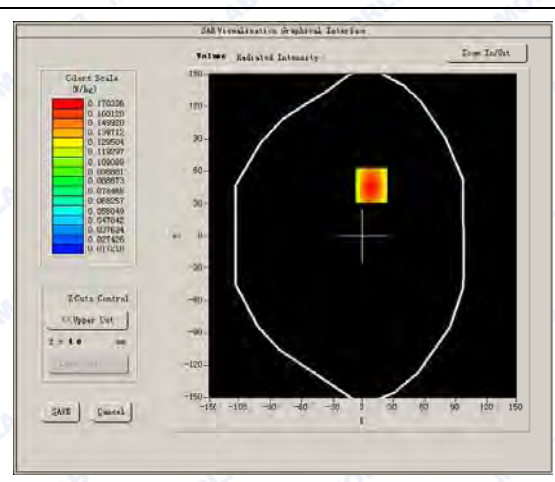
Low Band SAR (Channel 20450):

<b>Frequency (MHz)</b>	829.000000
<b>Relative permittivity (real part)</b>	55.691823
<b>Conductivity (S/m)</b>	0.973824
<b>Power drift (%)</b>	-0.290000
<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**

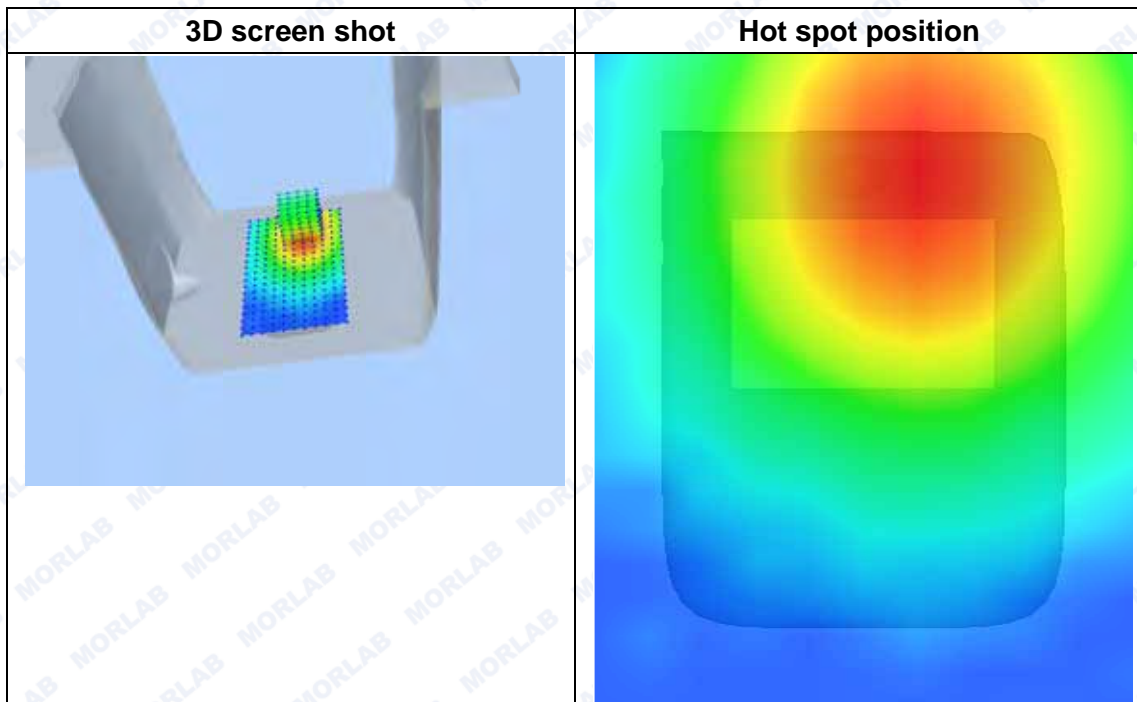
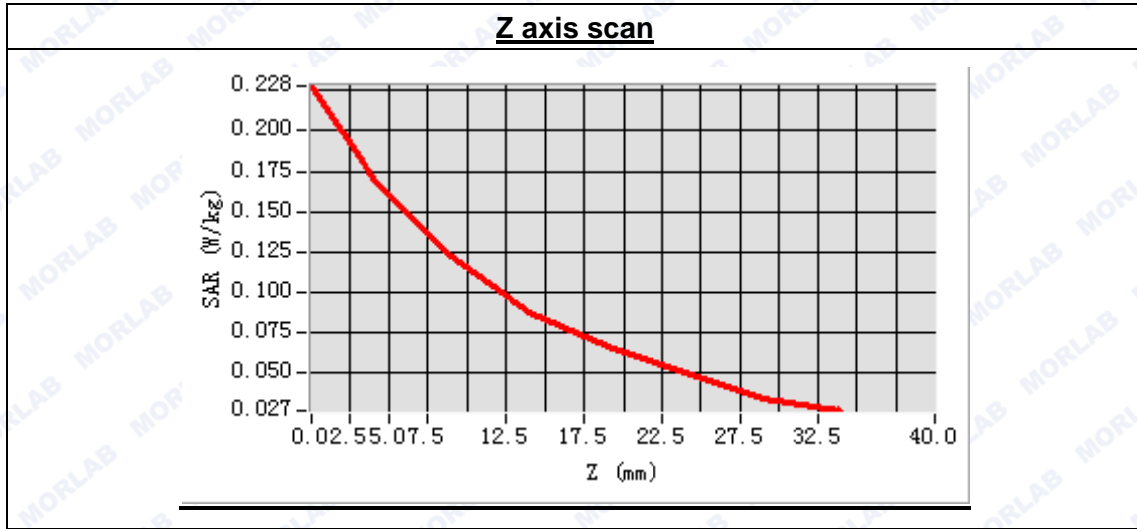




Maximum location: X=8.00, Y=47.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.120478
SAR 1g (W/Kg)	0.164348







**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

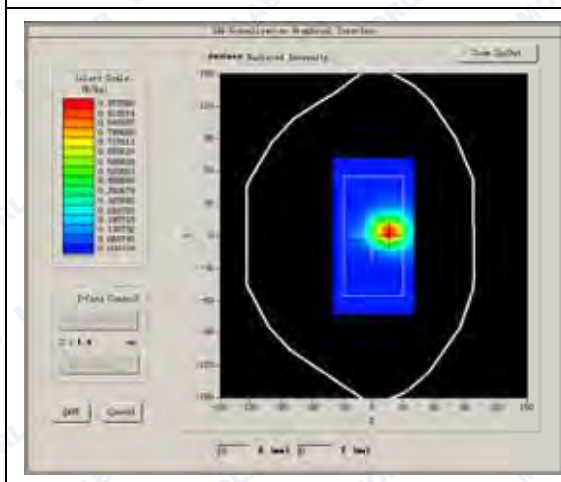
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

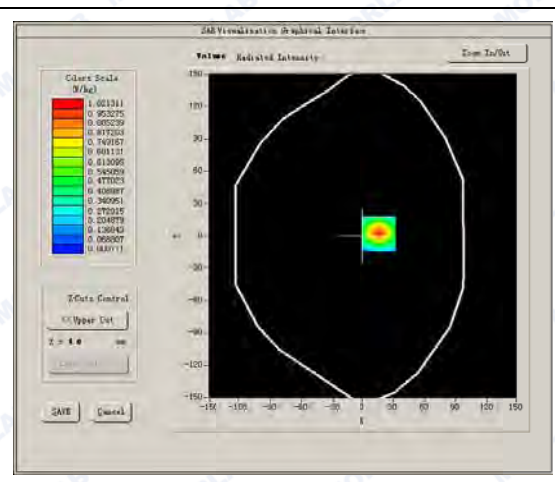
Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.519342
Conductivity (S/m)	1.935672
Power drift (%)	1.050000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**





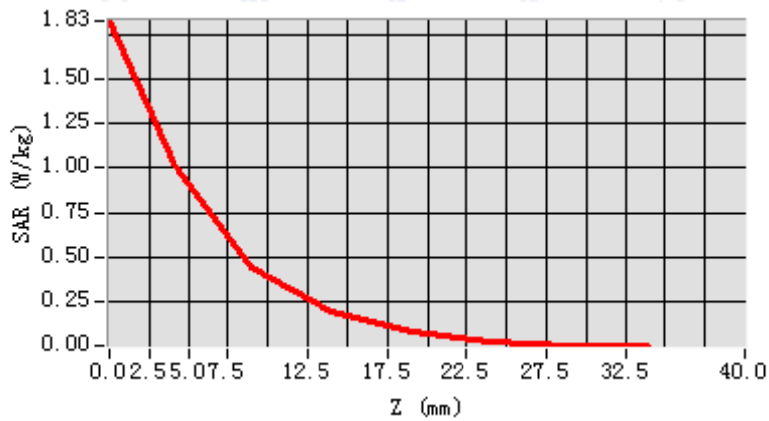
REPORT No. : SZ15100009S01

Maximum location: X=16.00, Y=2.00

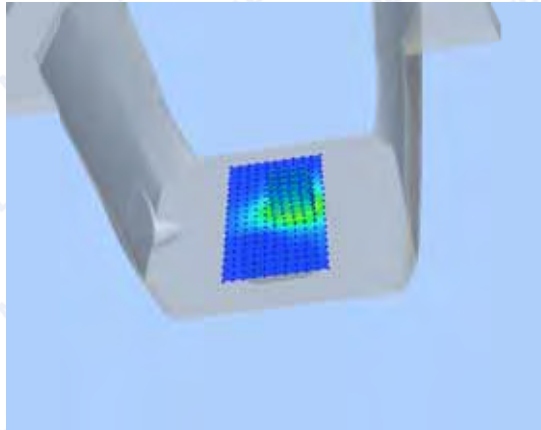
SAR Peak: 1.98 W/kg

SAR 10g (W/Kg)	0.441767
SAR 1g (W/Kg)	1.034603

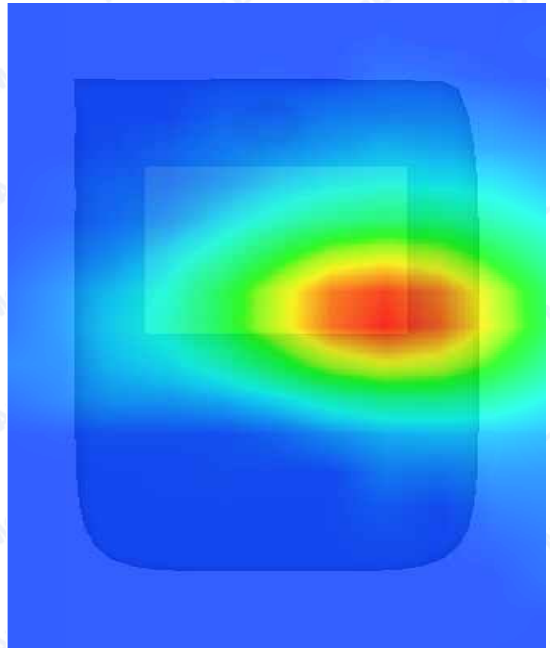
**Z axis scan**



**3D screen shot**



**Hot spot position**



**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: 2015.10.17

Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

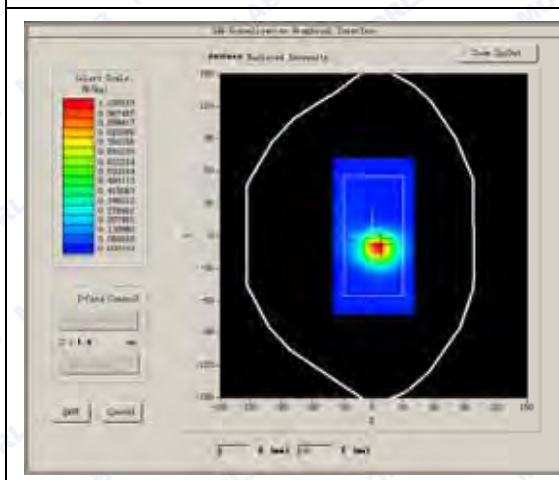
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 7(20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

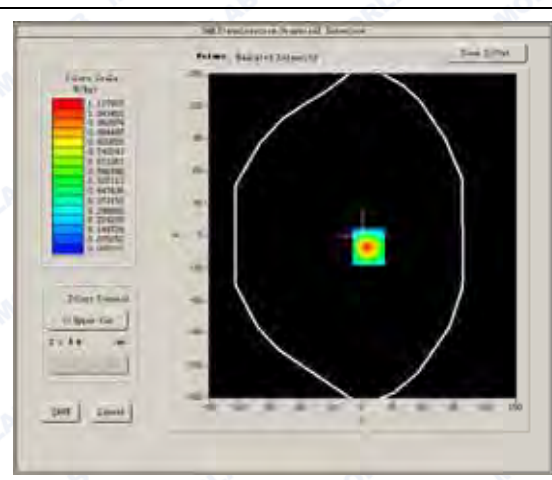
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	-0.150000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

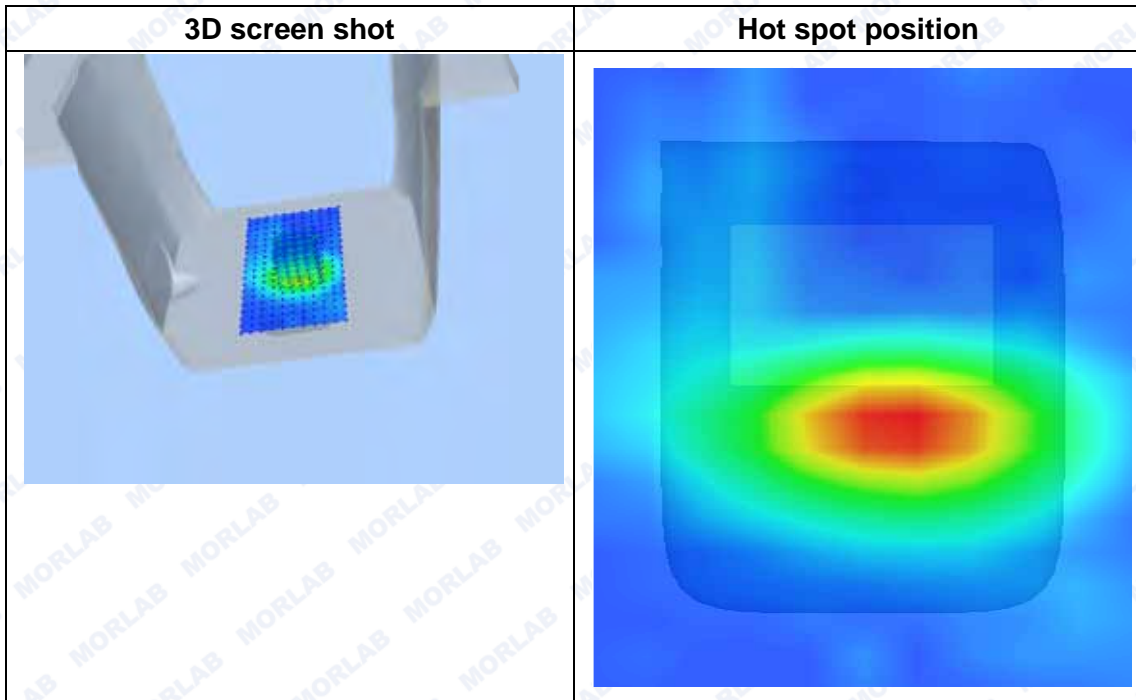
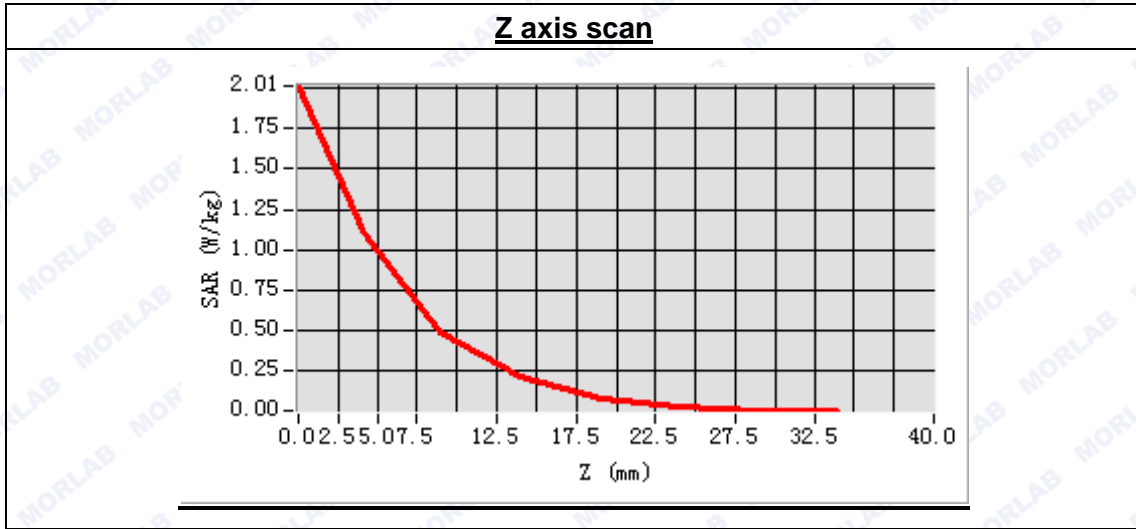




Maximum location: X=6.00, Y=-10.00

SAR Peak: 2.19 W/kg

SAR 10g (W/Kg)	0.471205
SAR 1g (W/Kg)	1.026693





**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: 2015.10.17  
 Measurement duration: 9 minutes 33 seconds

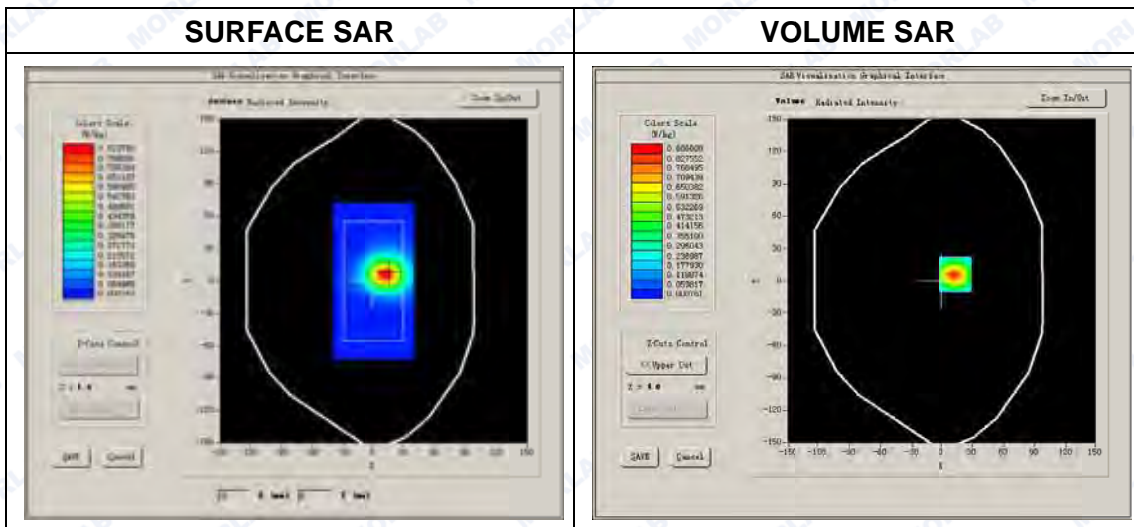
**A. Experimental conditions.**

<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 0

**B. SAR Measurement Results**

High Band SAR (Channel 21350):

<b>Frequency (MHz)</b>	2560.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	-0.220000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

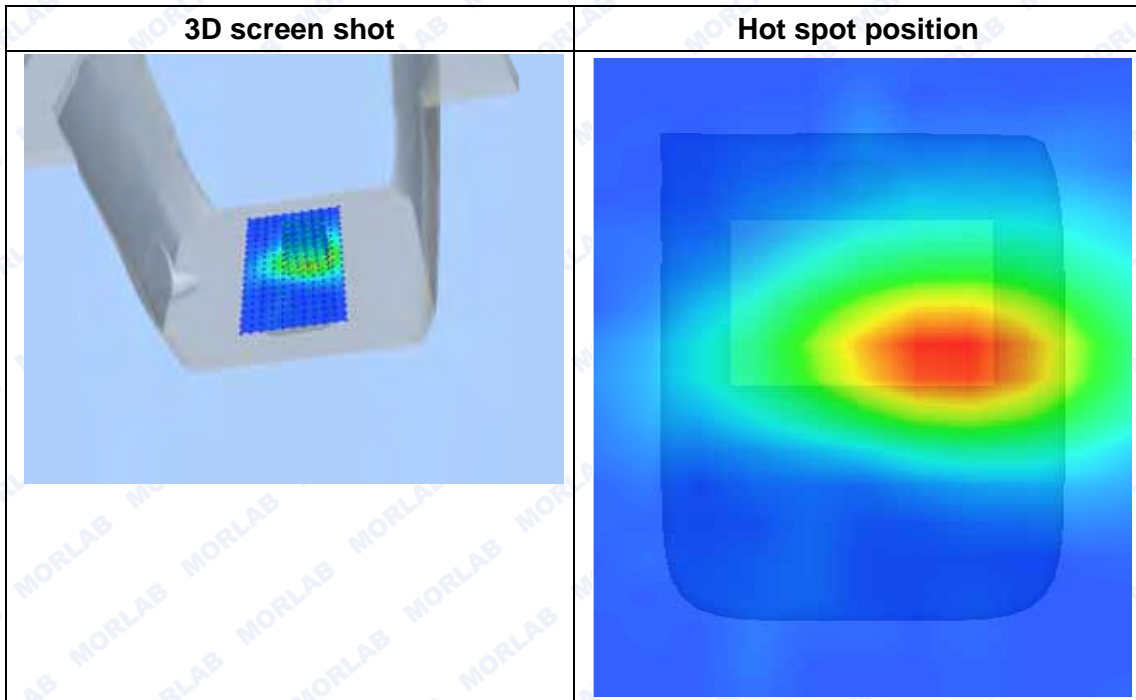
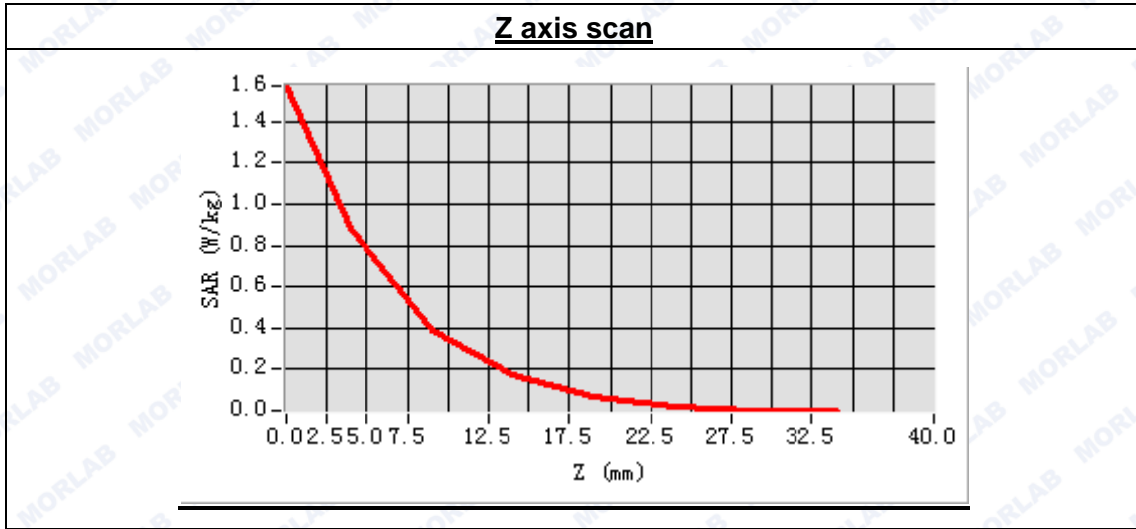




Maximum location: X=13.00, Y=6.00

SAR Peak: 1.71 W/kg

SAR 10g (W/Kg)	0.487373
SAR 1g (W/Kg)	1.109177



**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: 2015.10.17

Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

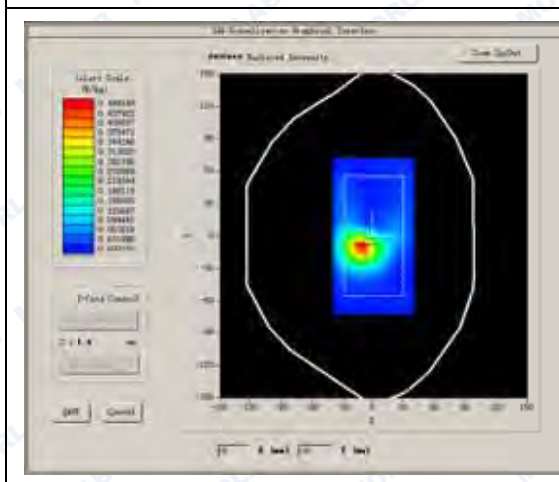
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 7 (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

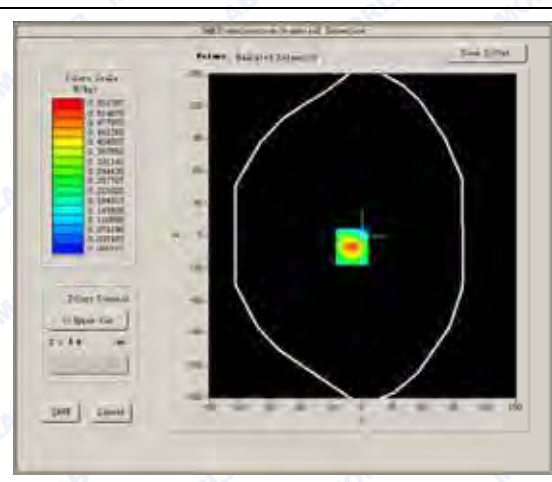
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	-3.660000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

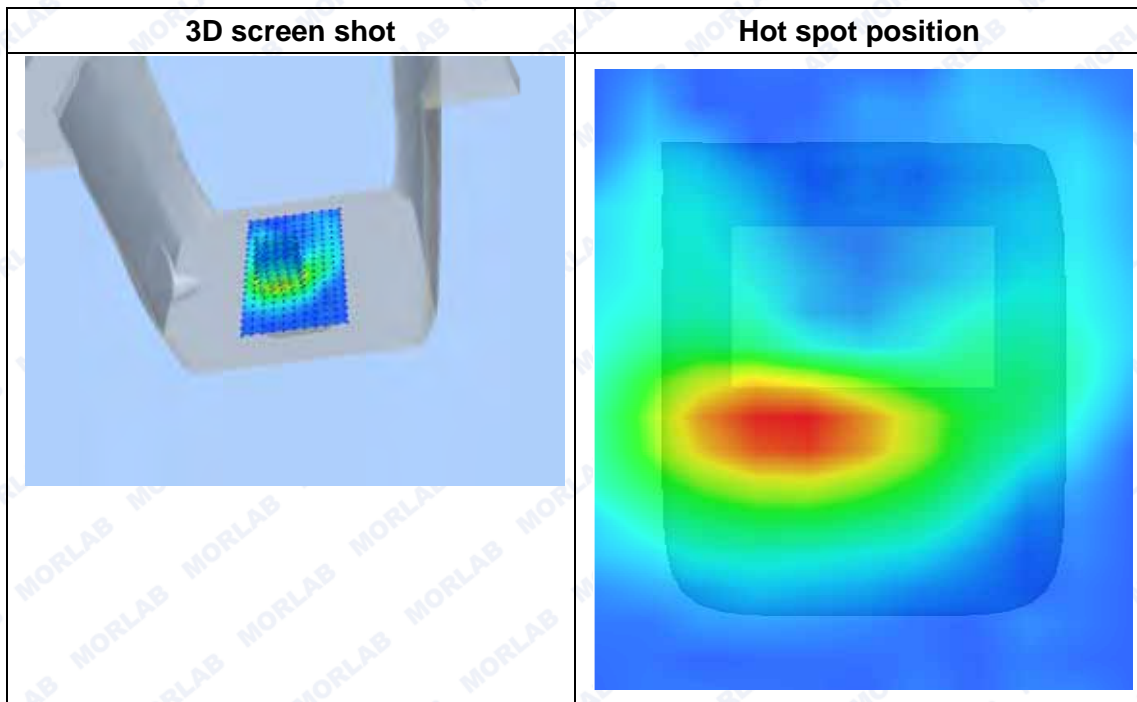
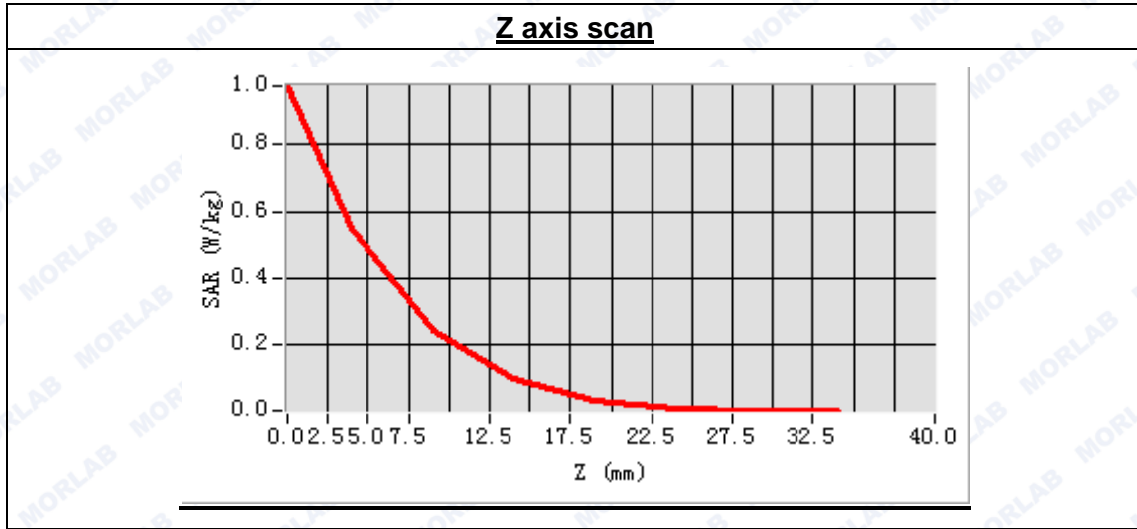




Maximum location: X=-10.00, Y=-10.00

SAR Peak: 1.05 W/kg

SAR 10g (W/Kg)	0.234836
SAR 1g (W/Kg)	0.671697







**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

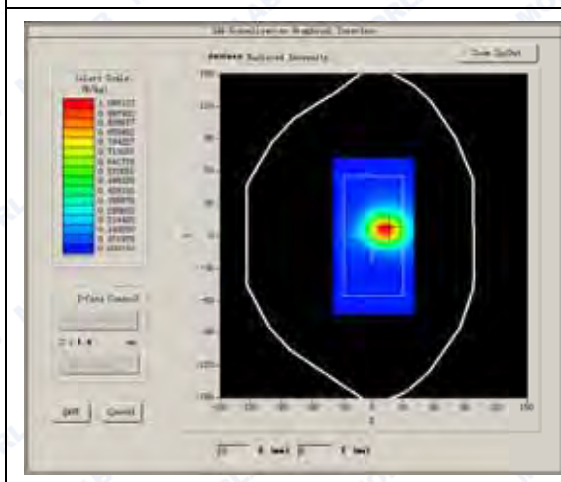
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

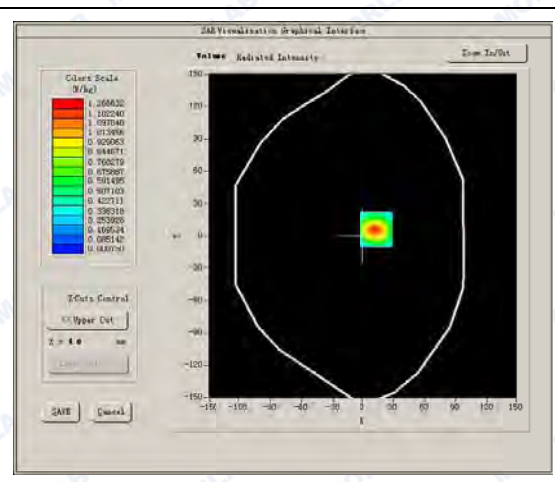
Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.519342
Conductivity (S/m)	1.935672
Power drift (%)	2.460000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**



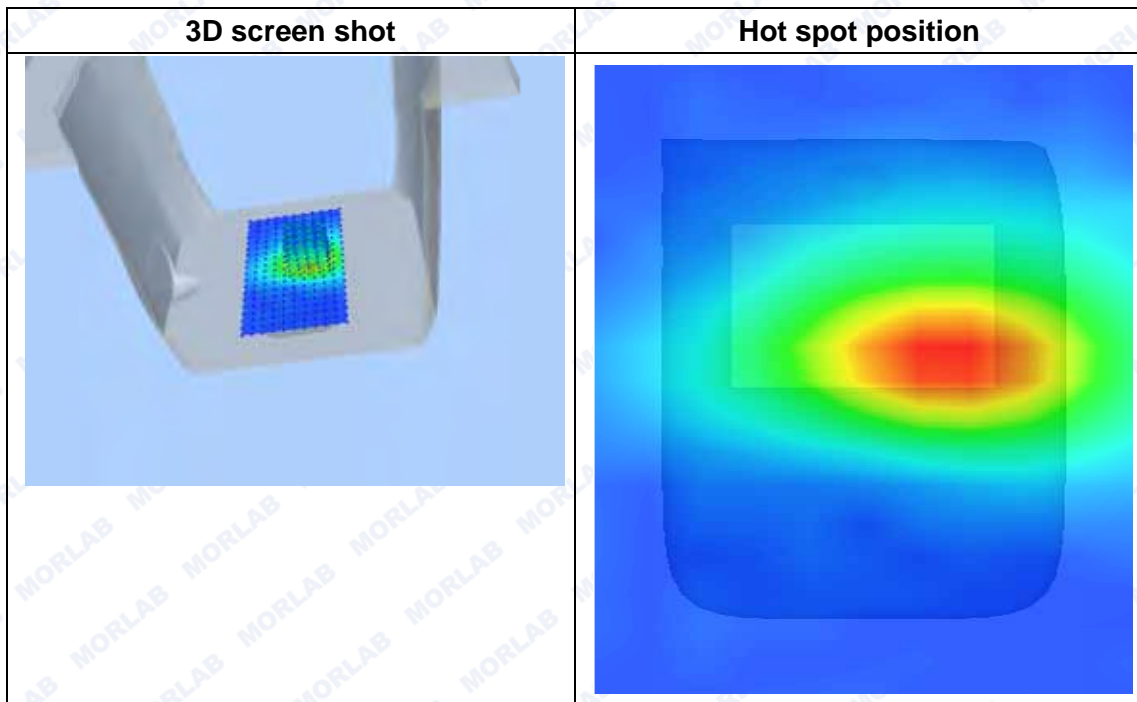
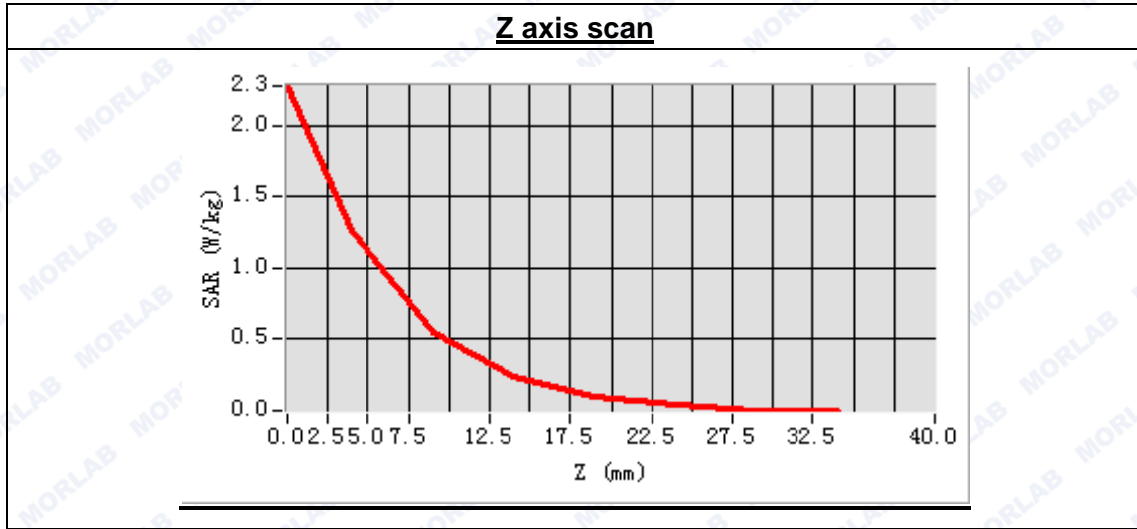


REPORT No. : SZ15100009S01

Maximum location: X=13.00, Y=6.00

SAR Peak: 2.46 W/kg

SAR 10g (W/Kg)	0.558935
SAR 1g (W/Kg)	1.019051





**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

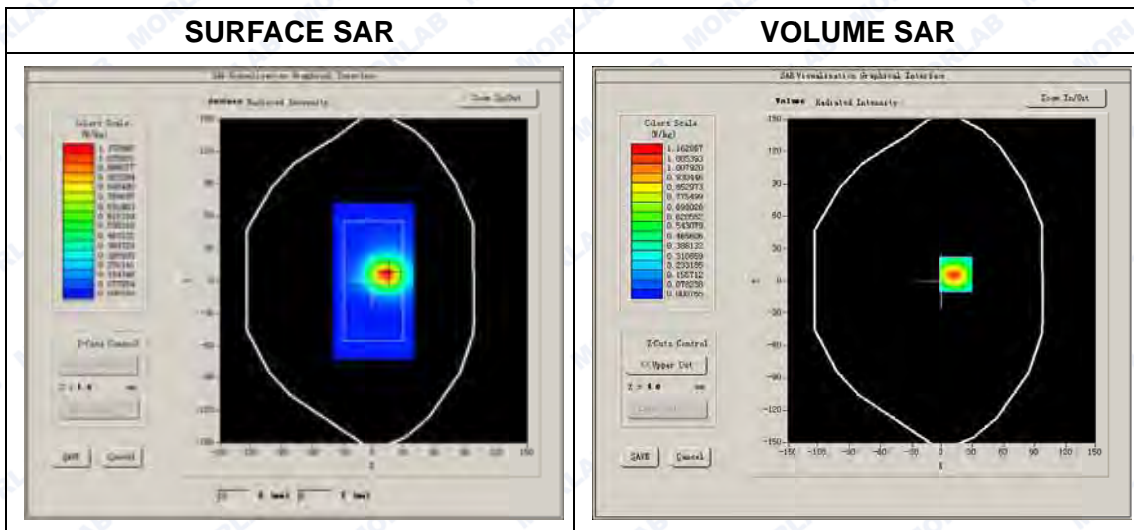
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	1.050000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1





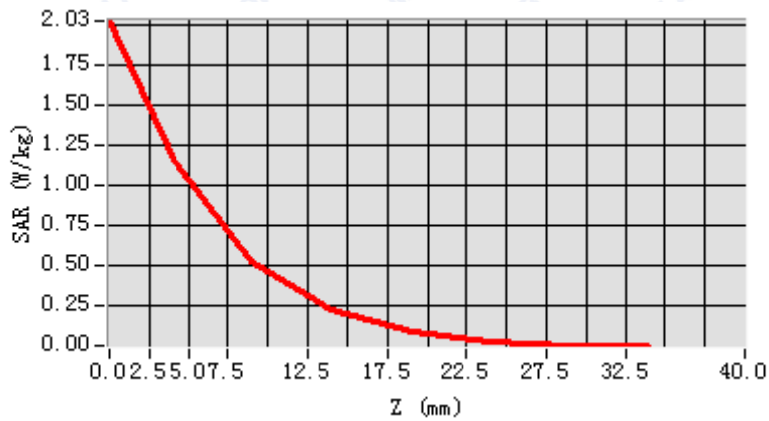
REPORT No. : SZ15100009S01

Maximum location: X=14.00, Y=6.00

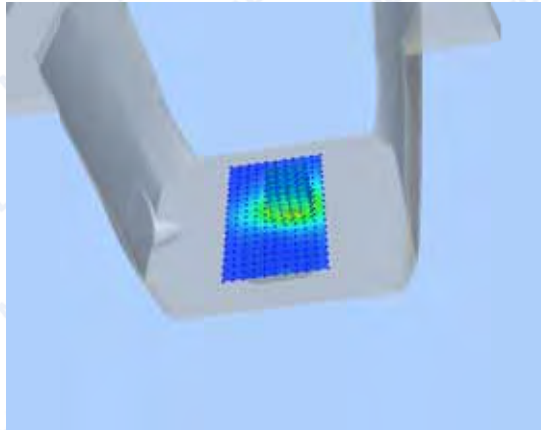
SAR Peak: 2.21 W/kg

SAR 10g (W/Kg)	0.512488
SAR 1g (W/Kg)	1.087923

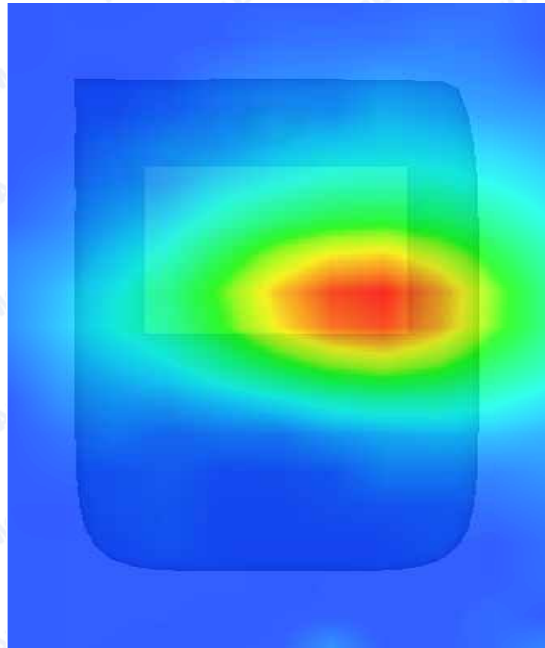
**Z axis scan**



**3D screen shot**



**Hot spot position**





**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: 2015.10.17  
Measurement duration: 9 minutes 31 seconds

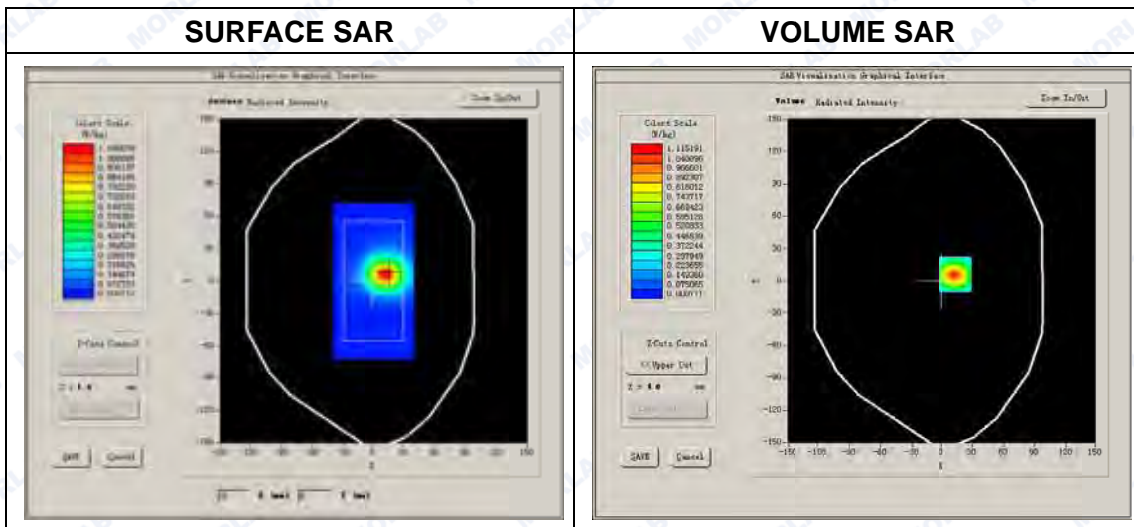
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	High
Signal	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

High Band SAR (Channel 21350):

Frequency (MHz)	2560.000000
Relative permittivity (real part)	52.519342
Conductivity (S/m)	1.935672
Power drift (%)	1.050000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

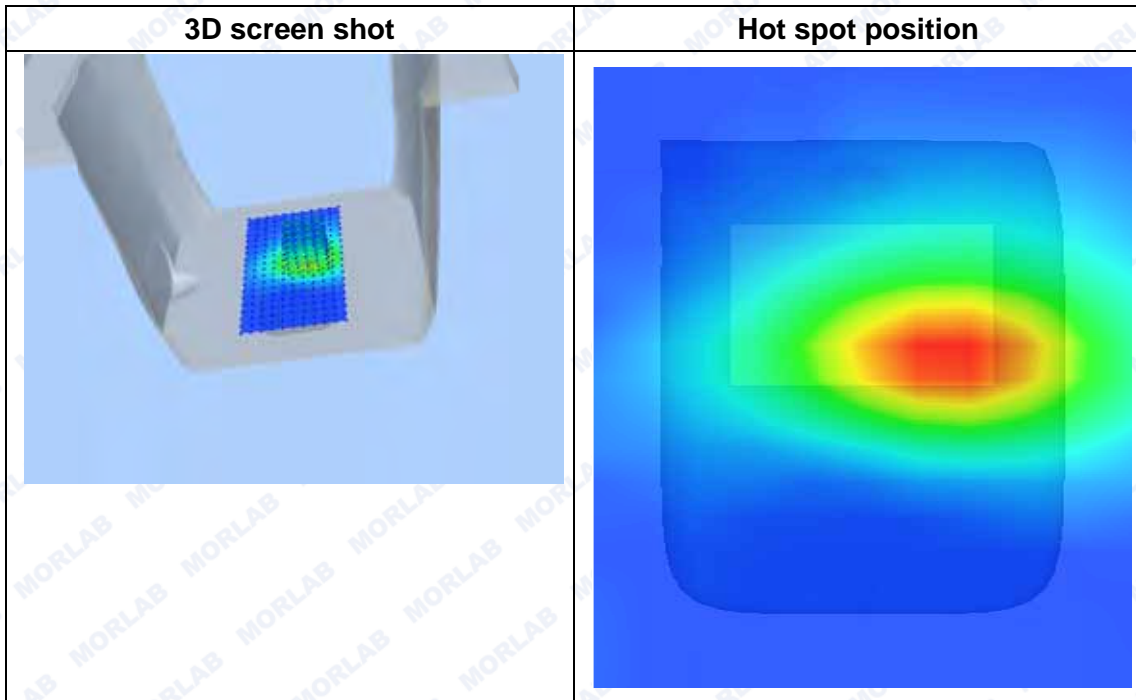
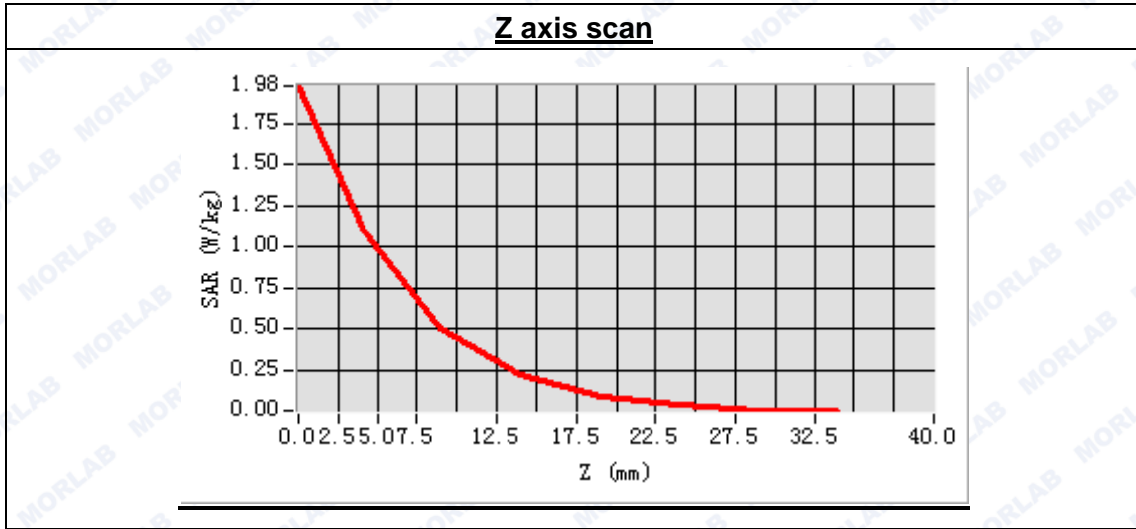




Maximum location: X=13.00, Y=6.00

SAR Peak: 2.15 W/kg

SAR 10g (W/Kg)	0.493438
SAR 1g (W/Kg)	1.099273





**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: 2015.10.17  
 Measurement duration: 9 minutes 33 seconds

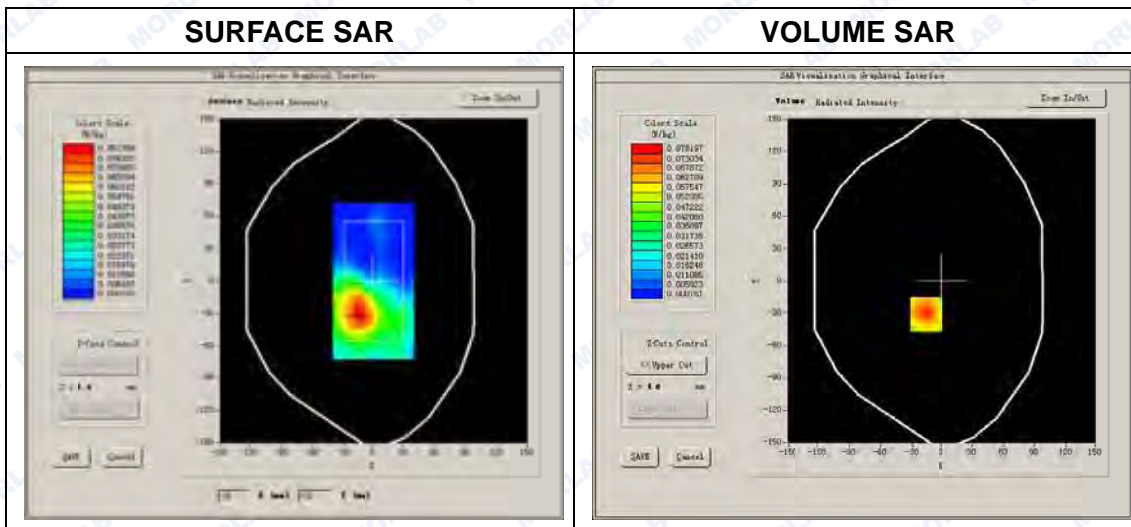
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	-0.220000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

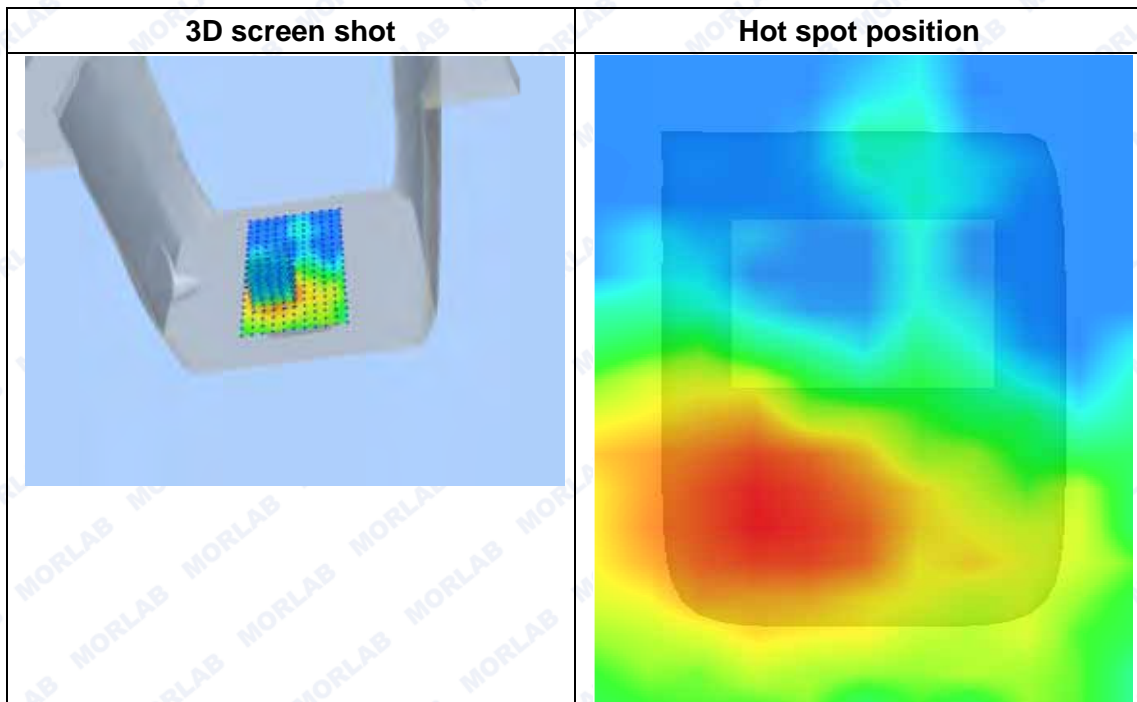
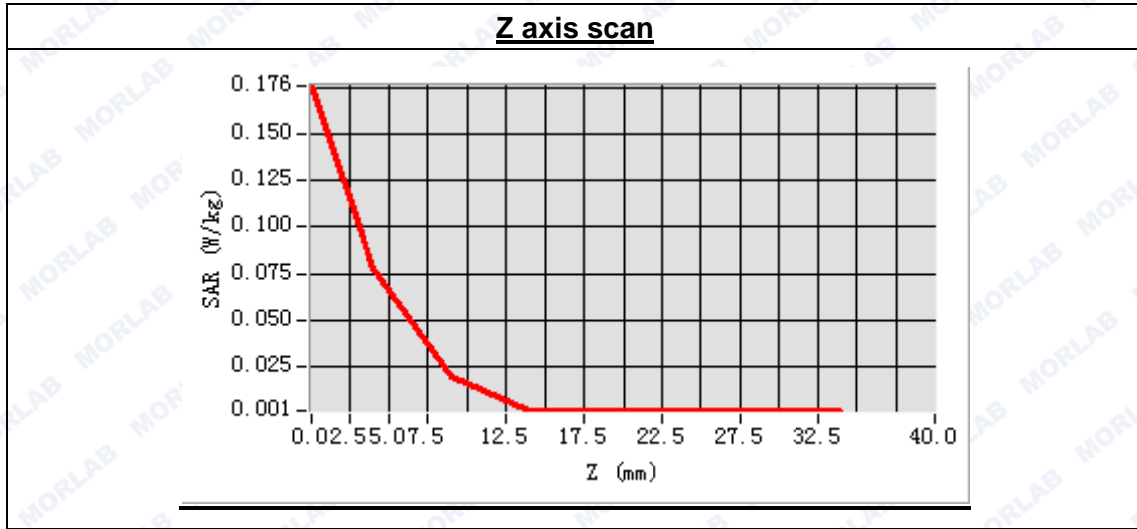




Maximum location: X=-15.00, Y=-31.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.134644
SAR 1g (W/Kg)	0.418205





**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: 2015.10.17

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

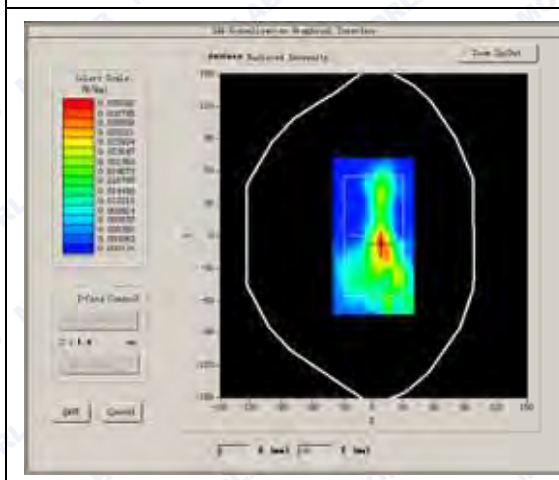
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_1RB_RB offset 0

**B. SAR Measurement Results**

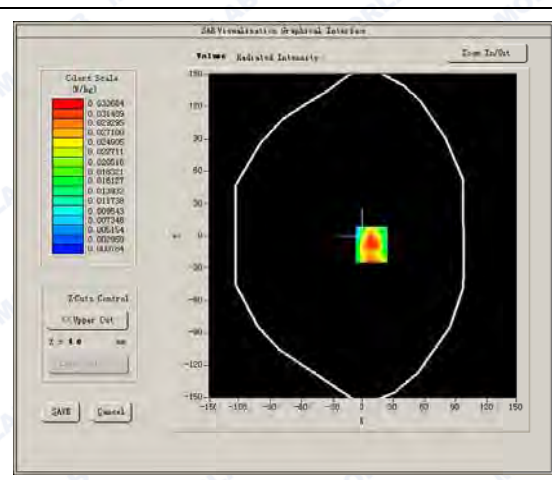
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	1.120000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**





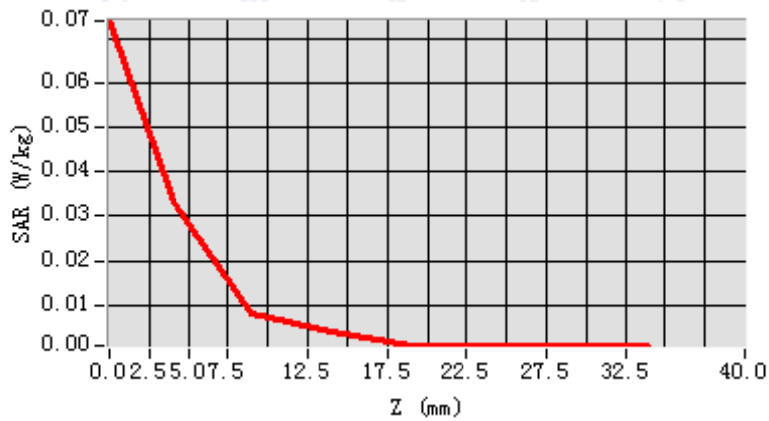
REPORT No. : SZ15100009S01

Maximum location: X=8.00, Y=-8.00

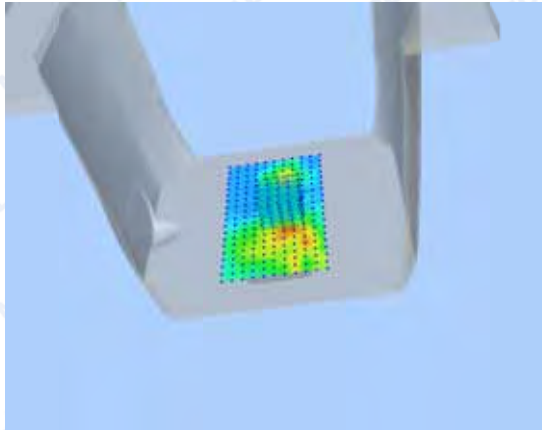
SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.113544
SAR 1g (W/Kg)	0.303663

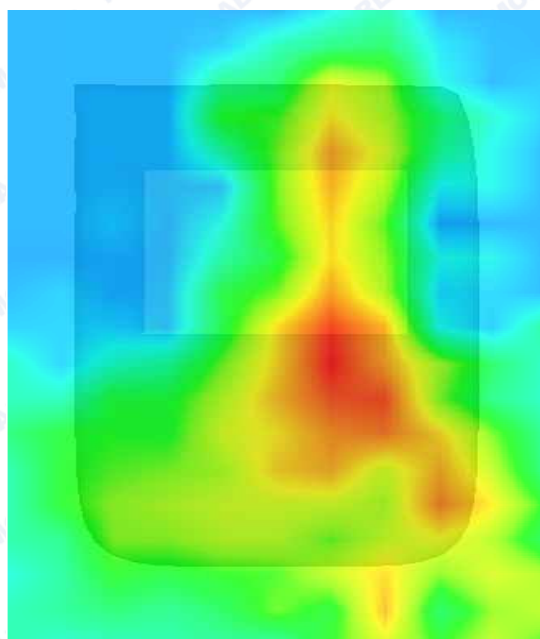
**Z axis scan**



**3D screen shot**



**Hot spot position**





**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: 2015.10.17  
Measurement duration: 9 minutes 35 seconds

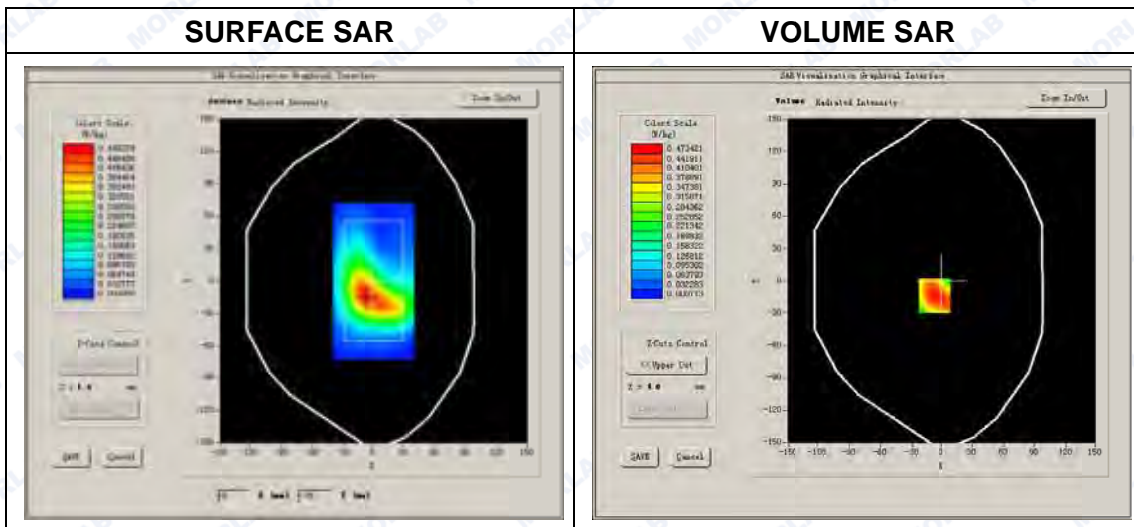
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.519342
Conductivity (S/m)	1.935672
Power drift (%)	-0.150000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

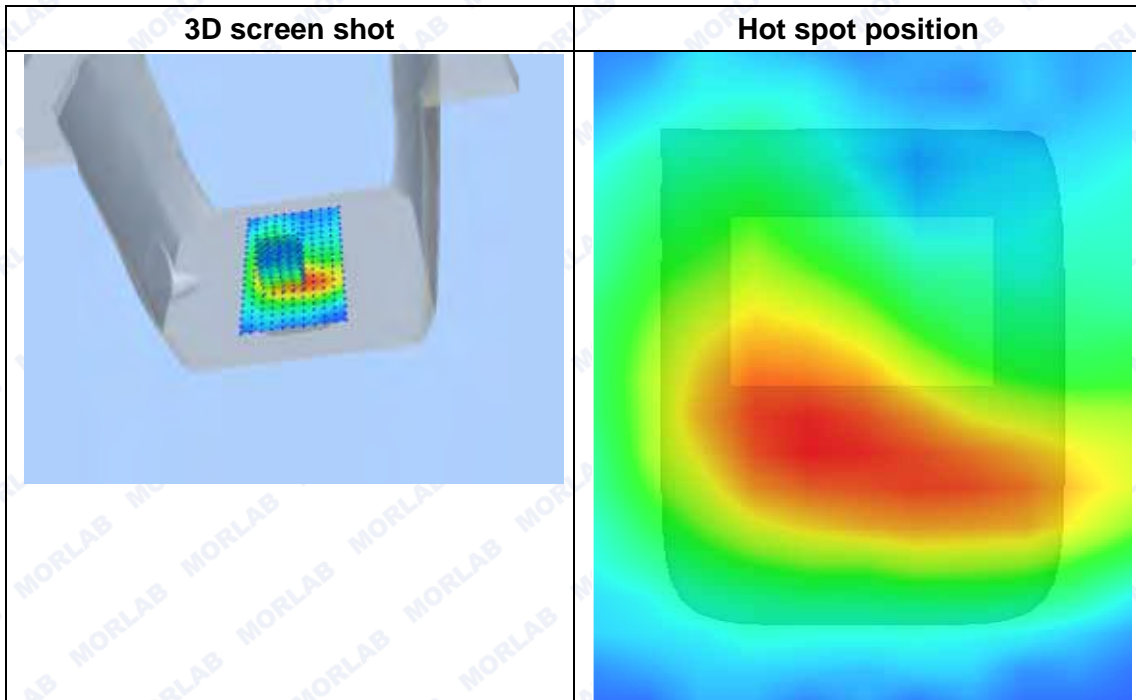
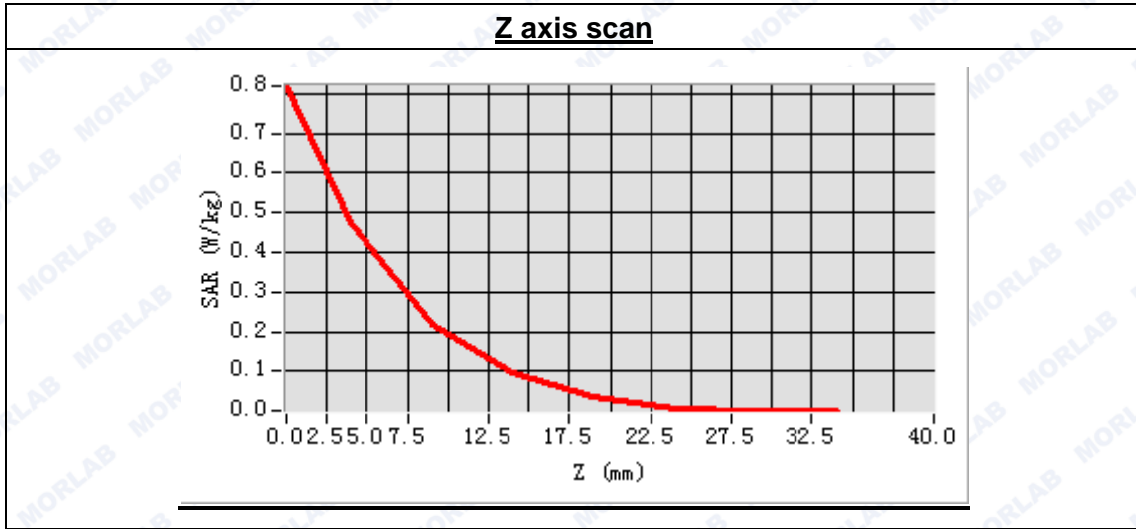




Maximum location: X=-7.00, Y=-14.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.249508
SAR 1g (W/Kg)	0.780995





**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: 2015.10.17

Measurement duration: 9 minutes 33 seconds

**A. Experimental conditions.**

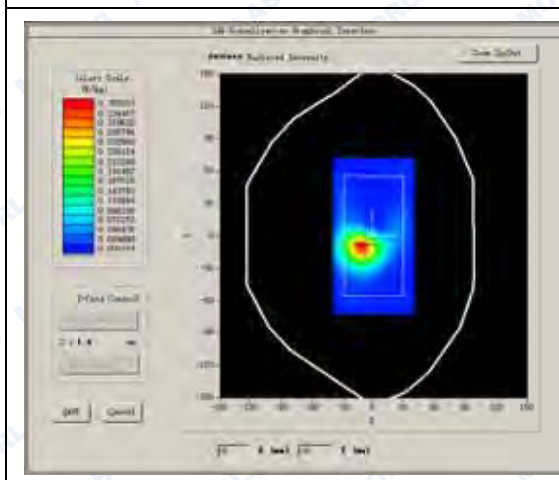
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_50RB_RB offset 0

**B. SAR Measurement Results**

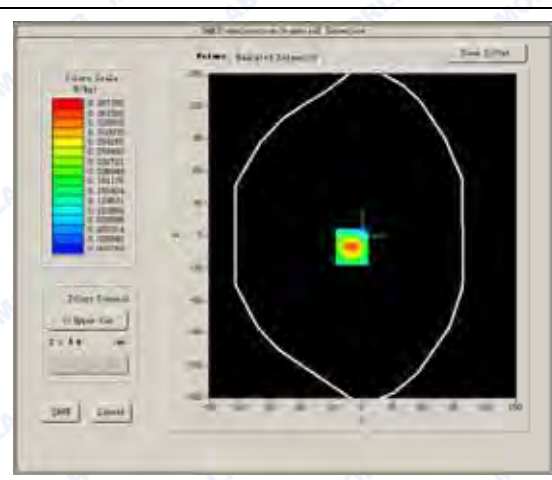
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2510.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	-3.660000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

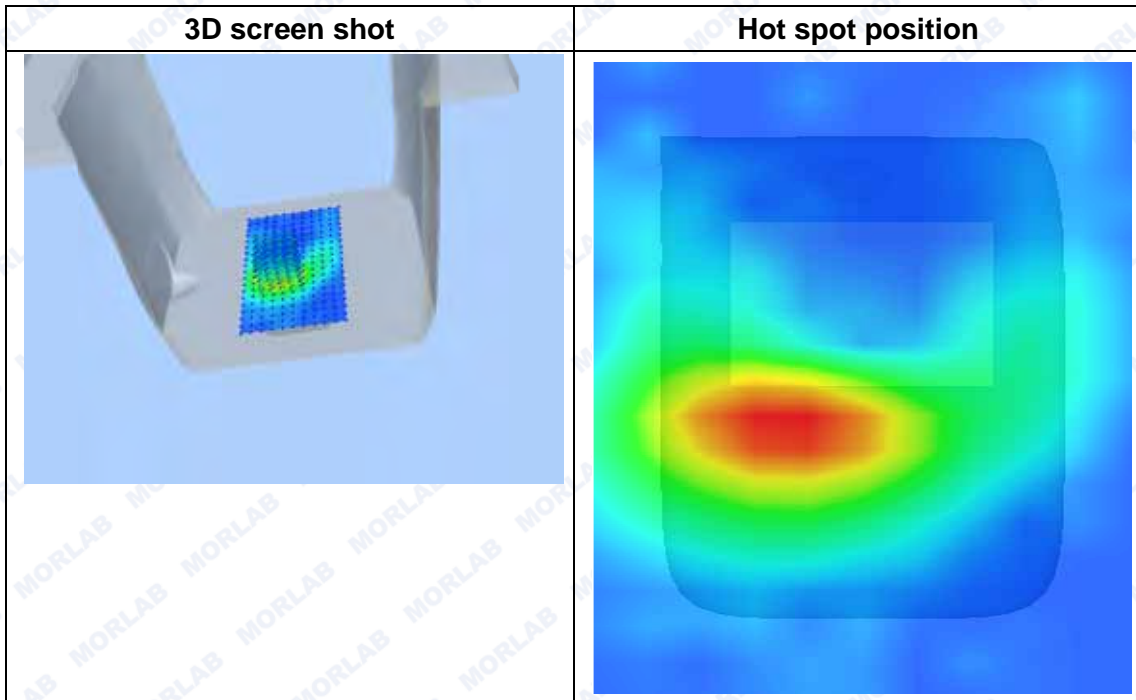
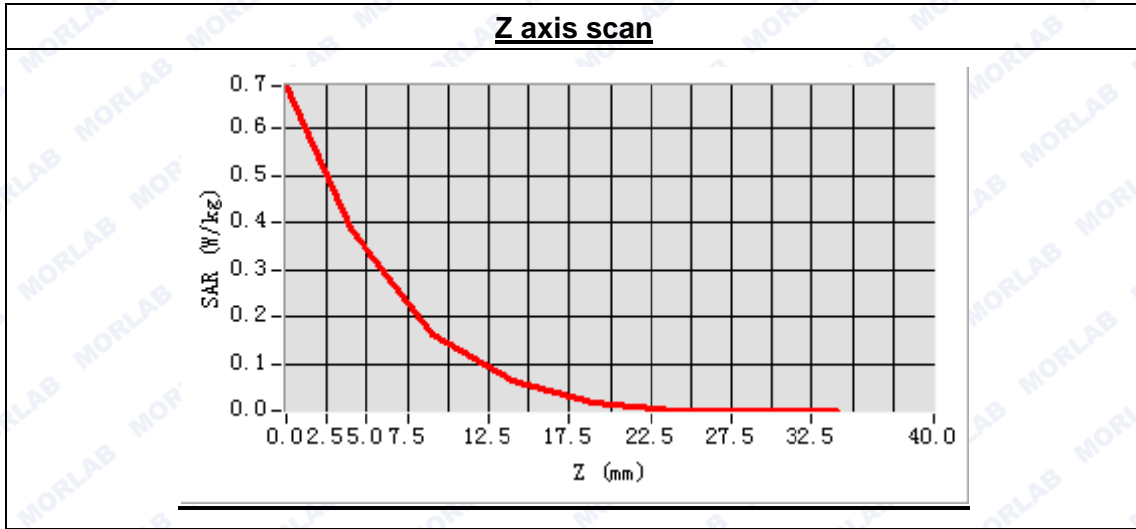




Maximum location: X=-10.00, Y=-10.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.262607
SAR 1g (W/Kg)	0.647592





**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: 2015.10.17  
 Measurement duration: 9 minutes 35 seconds

**A. Experimental conditions.**

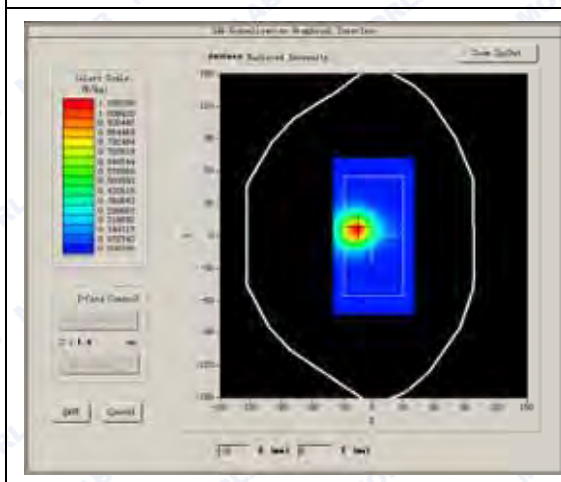
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Low
Signal	QPSK_50RB_RB offset 0

**B. SAR Measurement Results**

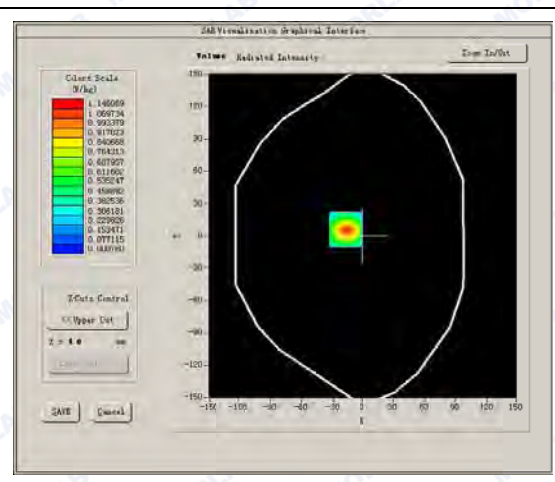
Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.519342
Conductivity (S/m)	1.935672
Power drift (%)	2.460000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

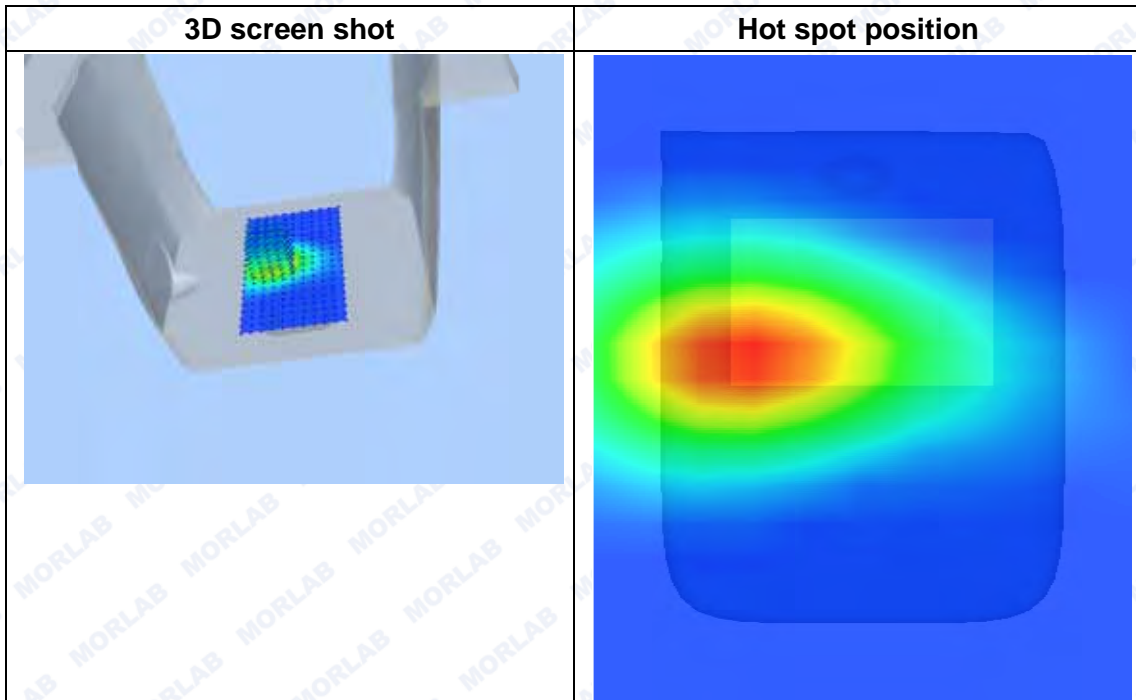
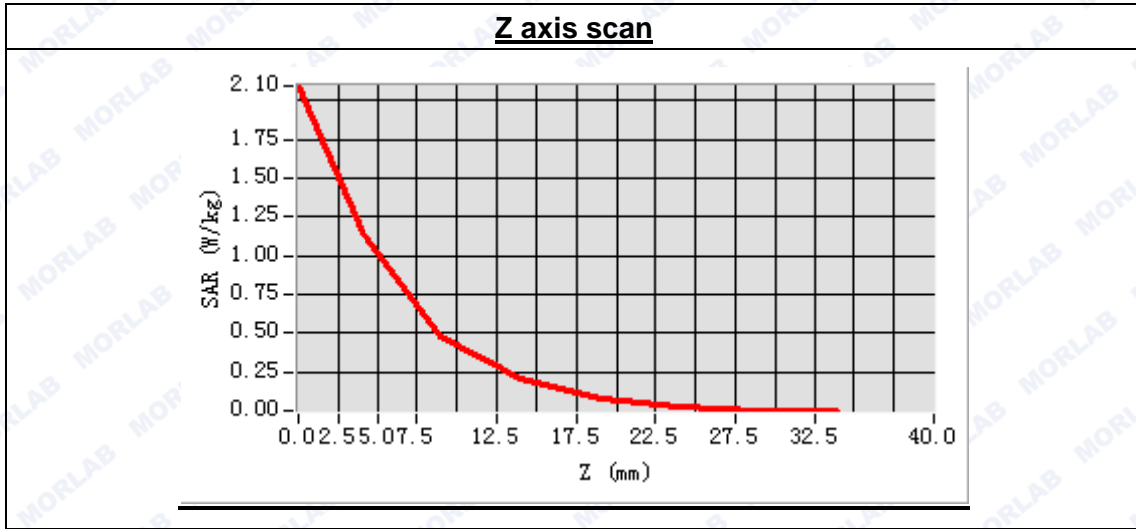




Maximum location: X=-17.00, Y=6.00

SAR Peak: 2.26 W/kg

SAR 10g (W/Kg)	0.200734
SAR 1g (W/Kg)	0.764421







**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

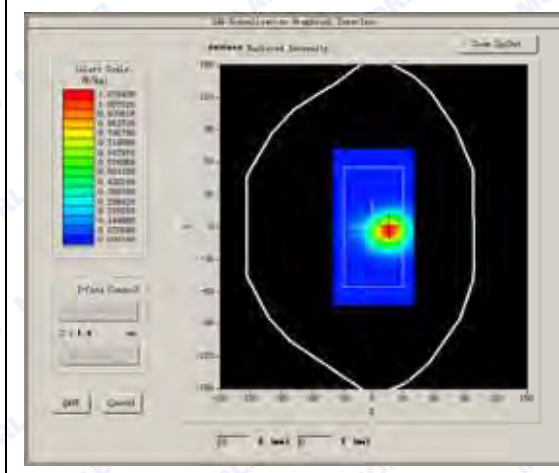
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band7 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

**B. SAR Measurement Results**

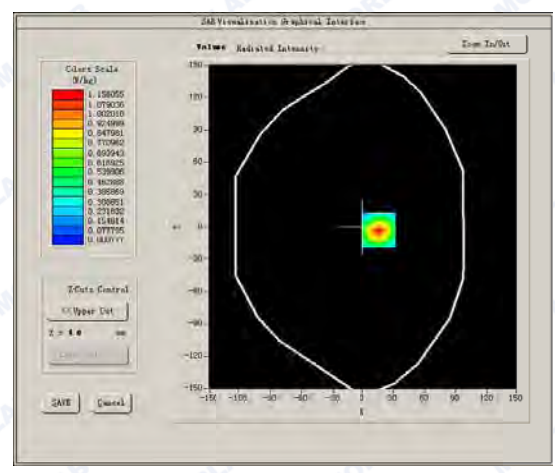
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	52.519342
Conductivity (S/m)	1.935672
Power drift (%)	1.050000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	4.96
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

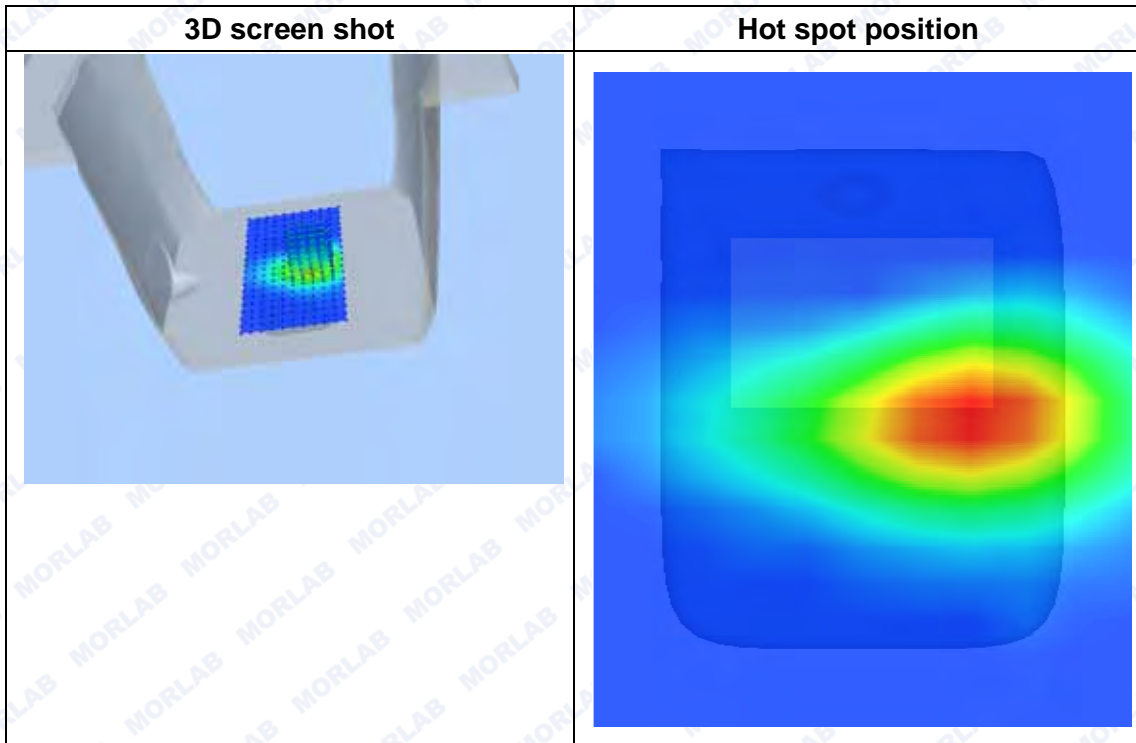
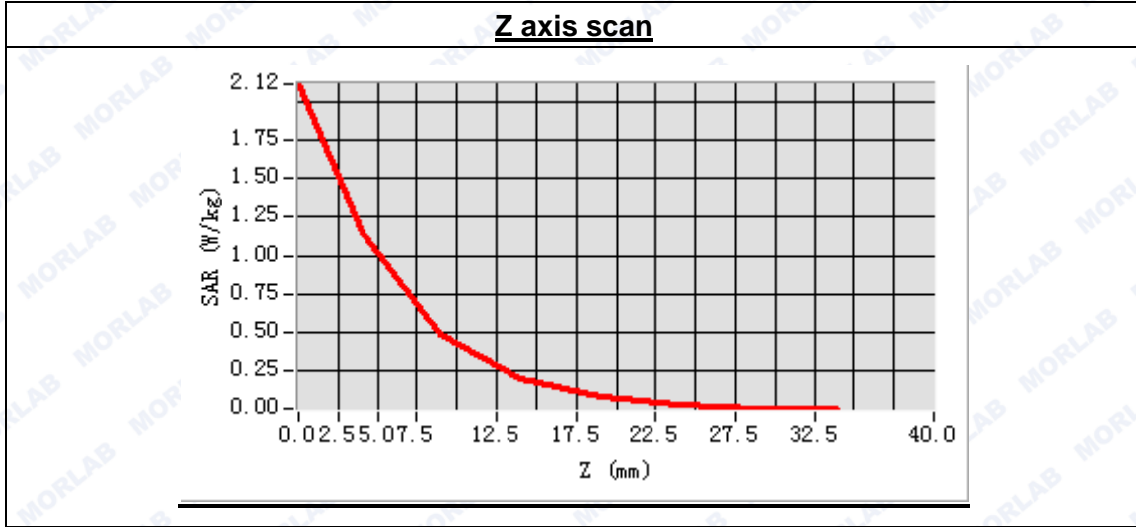




Maximum location: X=16.00, Y=-3.00

SAR Peak: 2.29 W/kg

SAR 10g (W/Kg)	0.198363
SAR 1g (W/Kg)	0.312410



**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: 2015.10.17

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

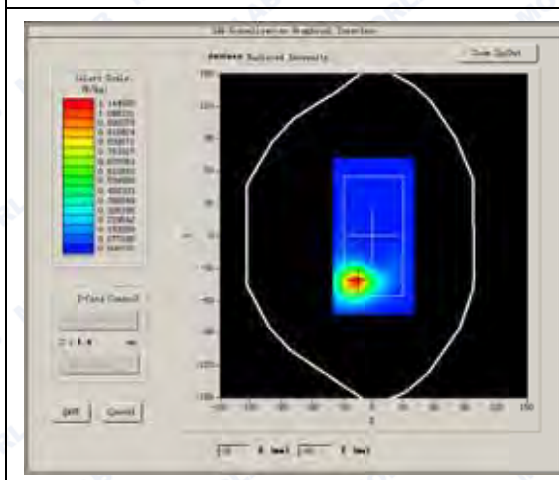
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	High
<b>Signal</b>	QPSK_50RB_RB offset 0

**B. SAR Measurement Results**

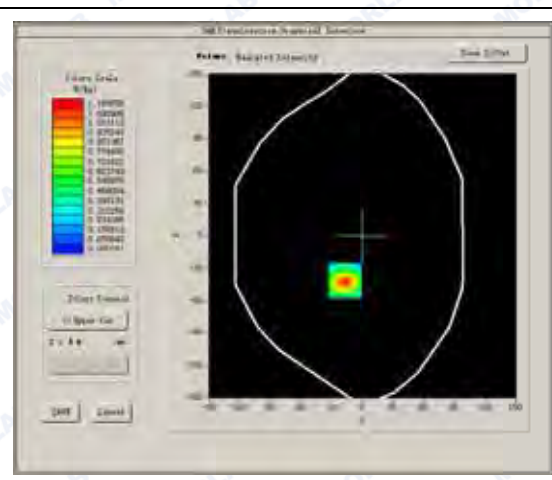
Low Band SAR (Channel 20850):

<b>Frequency (MHz)</b>	2510.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	1.050000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

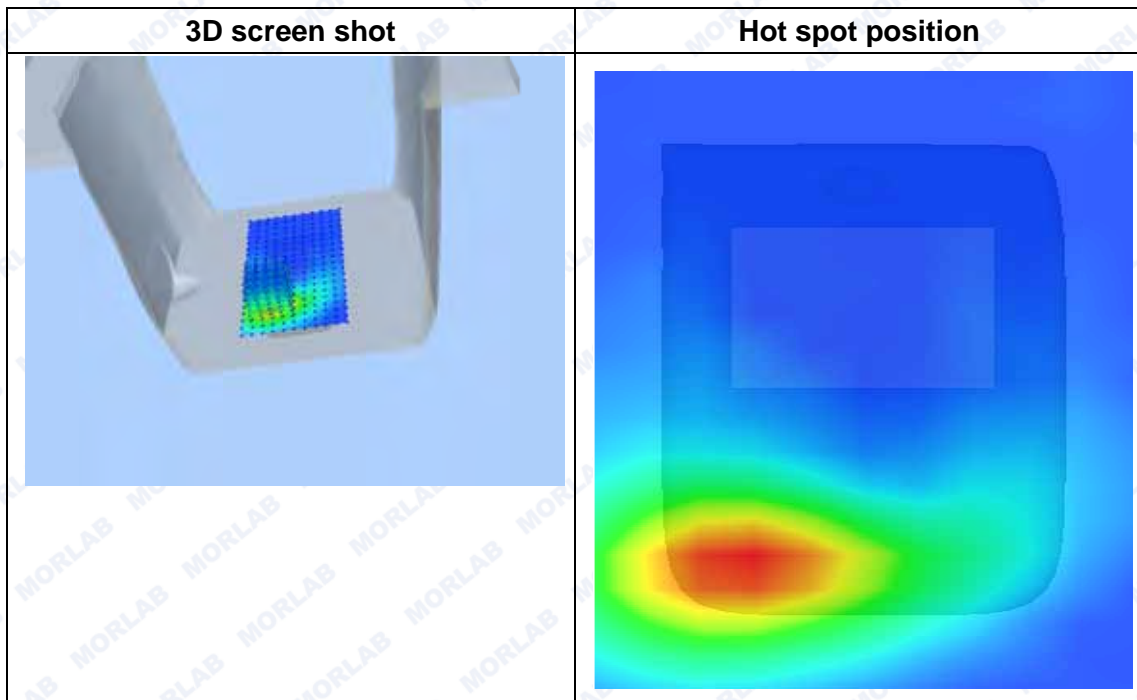
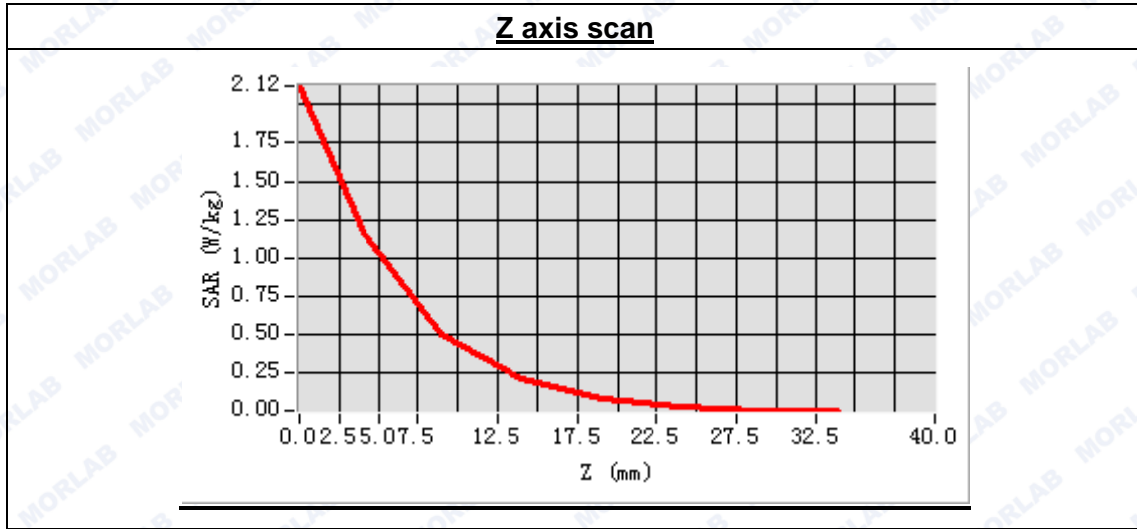




Maximum location: X=-17.00, Y=-41.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.087002
SAR 1g (W/Kg)	0.208124





**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: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

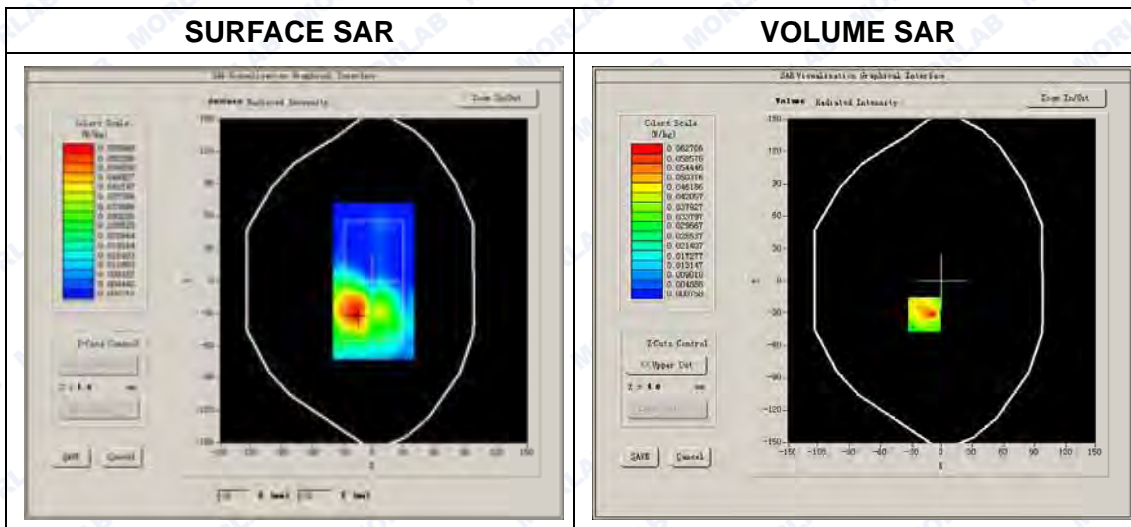
**A. Experimental conditions.**

<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>	Middle
<b>Signal</b>	QPSK_100RB_RB offset 25

**B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	1.050000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

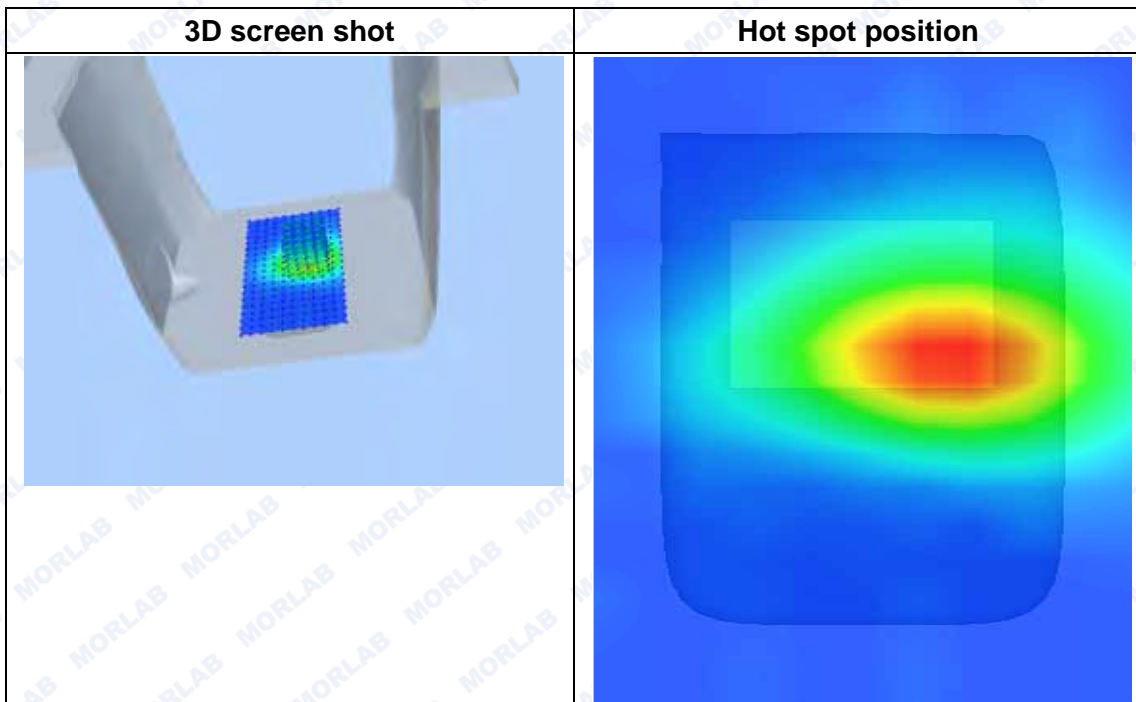
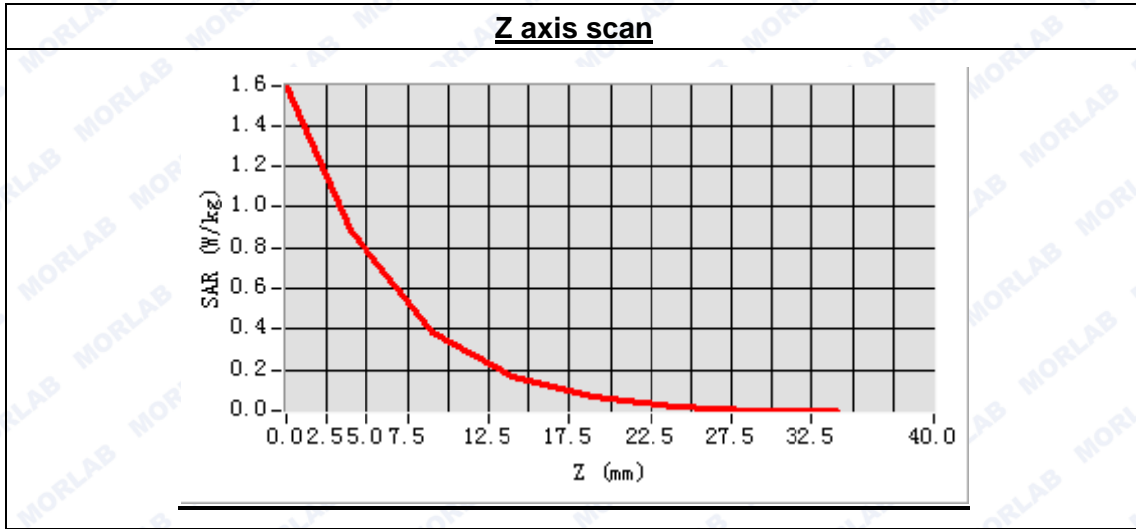




Maximum location: X=-17.00, Y=-31.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.224462
SAR 1g (W/Kg)	0.754667



**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: 2015.10.17

Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

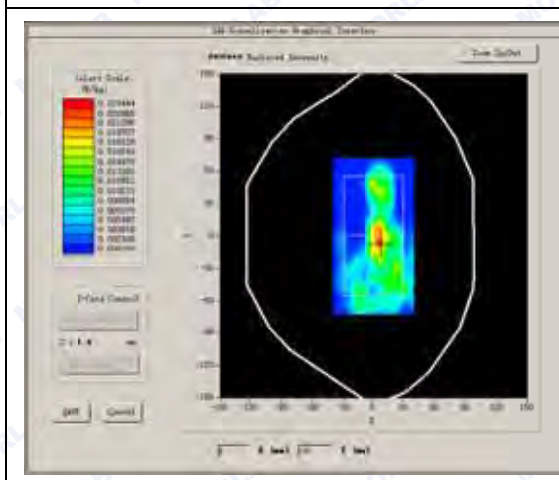
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band7 (20MHz)
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_100RB_RB offset 25

**B. SAR Measurement Results**

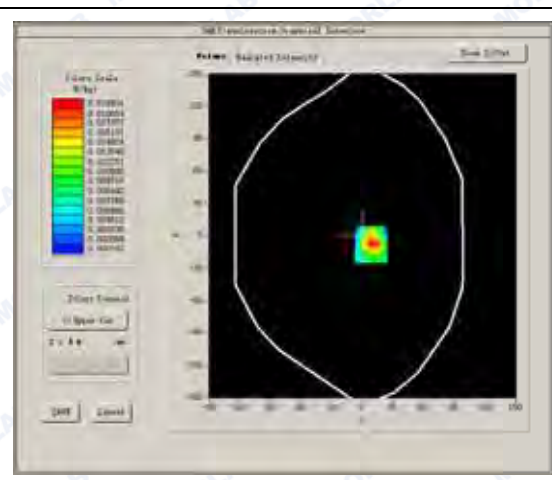
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.519342
<b>Conductivity (S/m)</b>	1.935672
<b>Power drift (%)</b>	1.050000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	4.96
<b>Crest factor:</b>	1:1

**SURFACE SAR**



**VOLUME SAR**

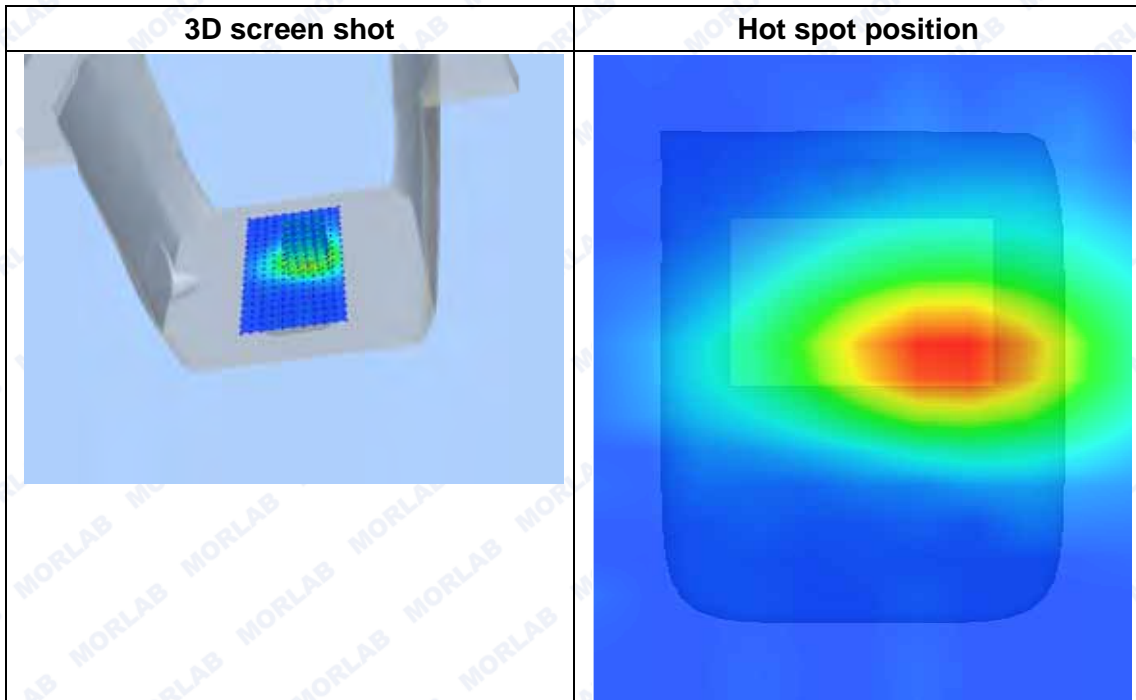
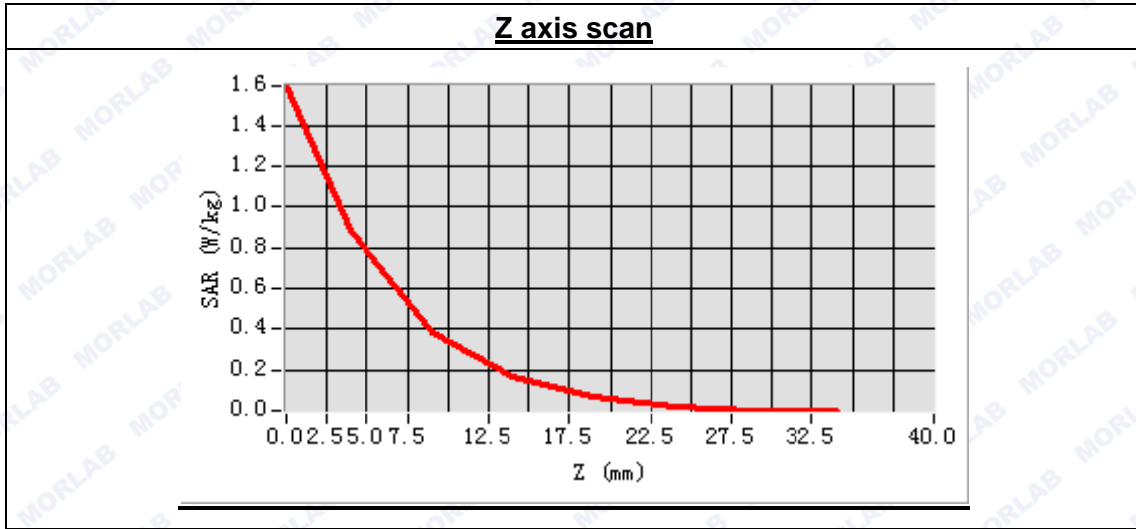




Maximum location: X=8.00, Y=-8.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.258267
SAR 1g (W/Kg)	0.738614







**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

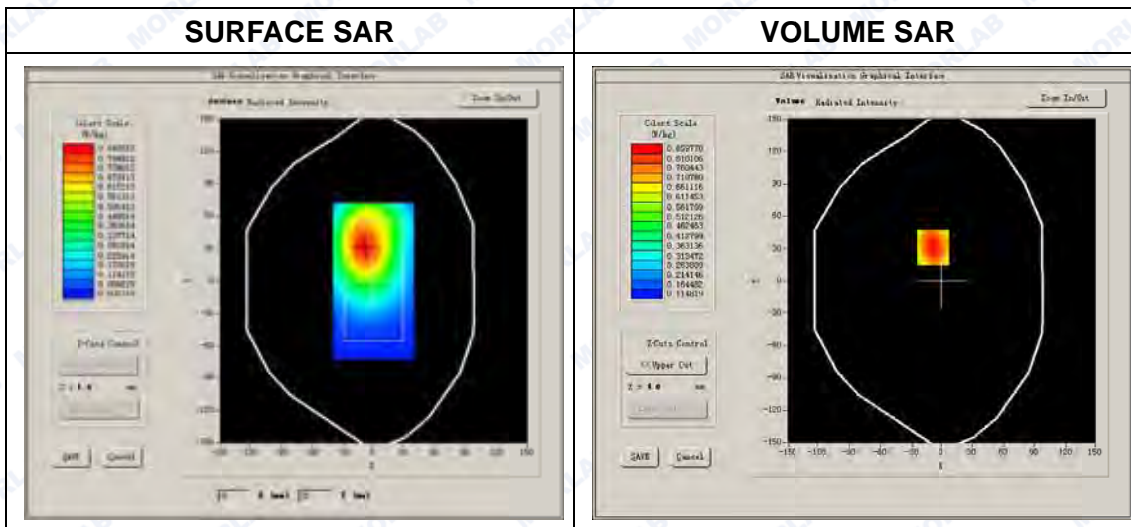
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

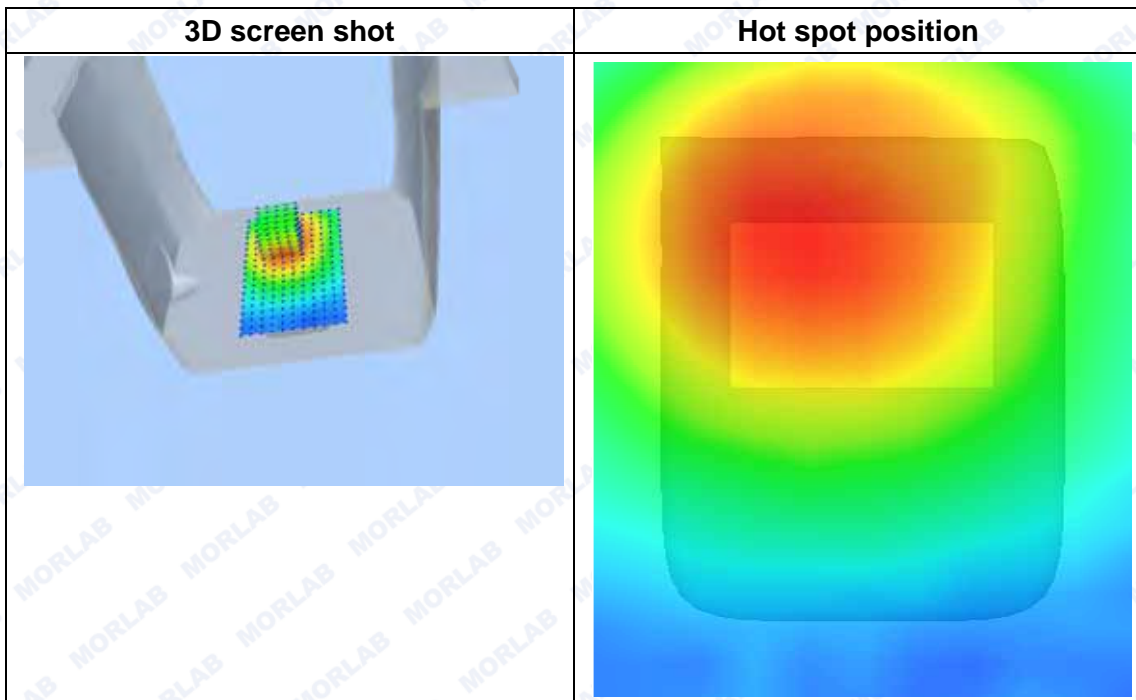
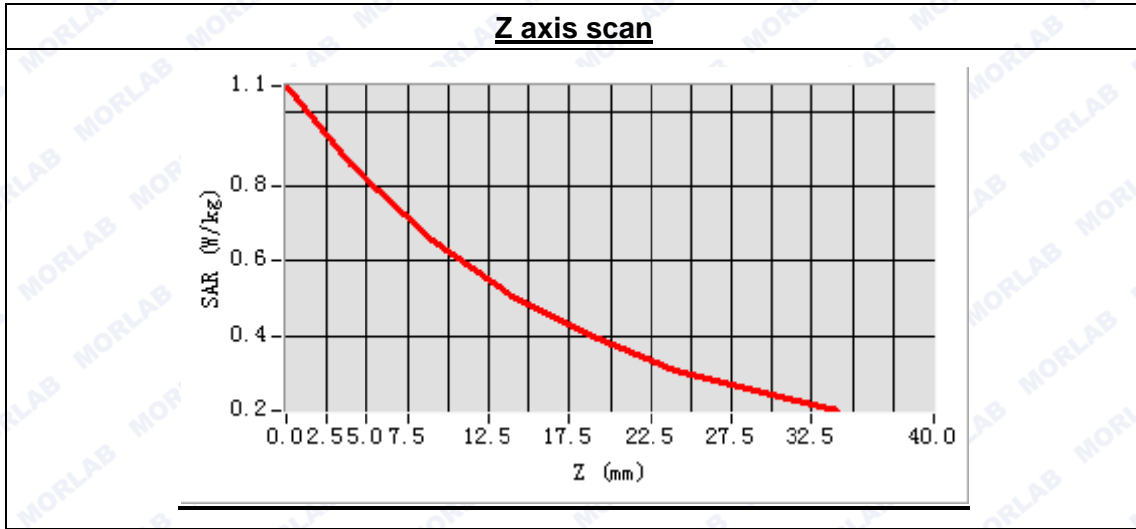




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.710125
SAR 1g (W/Kg)	1.044101





**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: 2015.10.16  
Measurement duration: 9 minutes 33 seconds

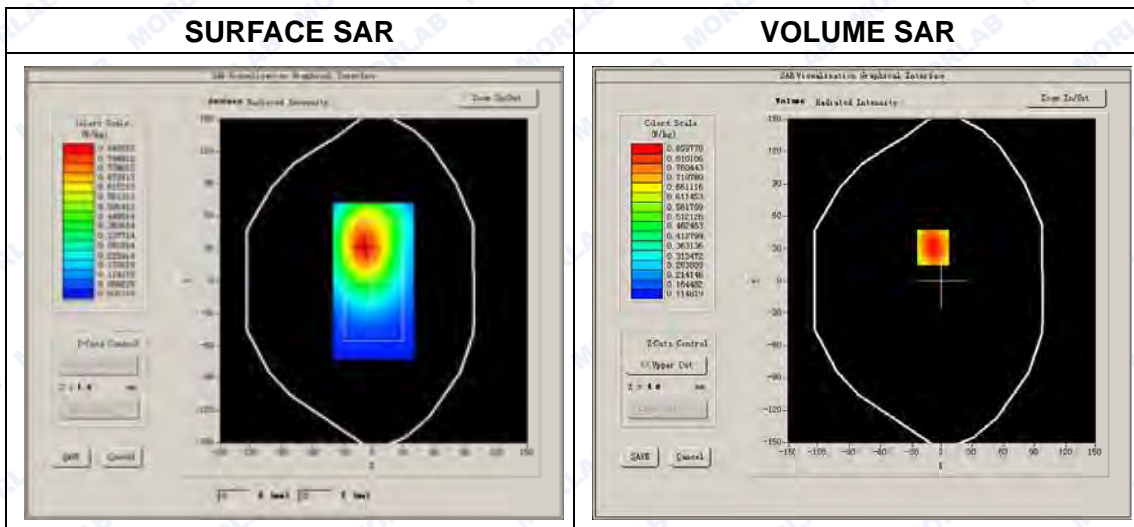
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 23790):

<b>Frequency (MHz)</b>	710.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

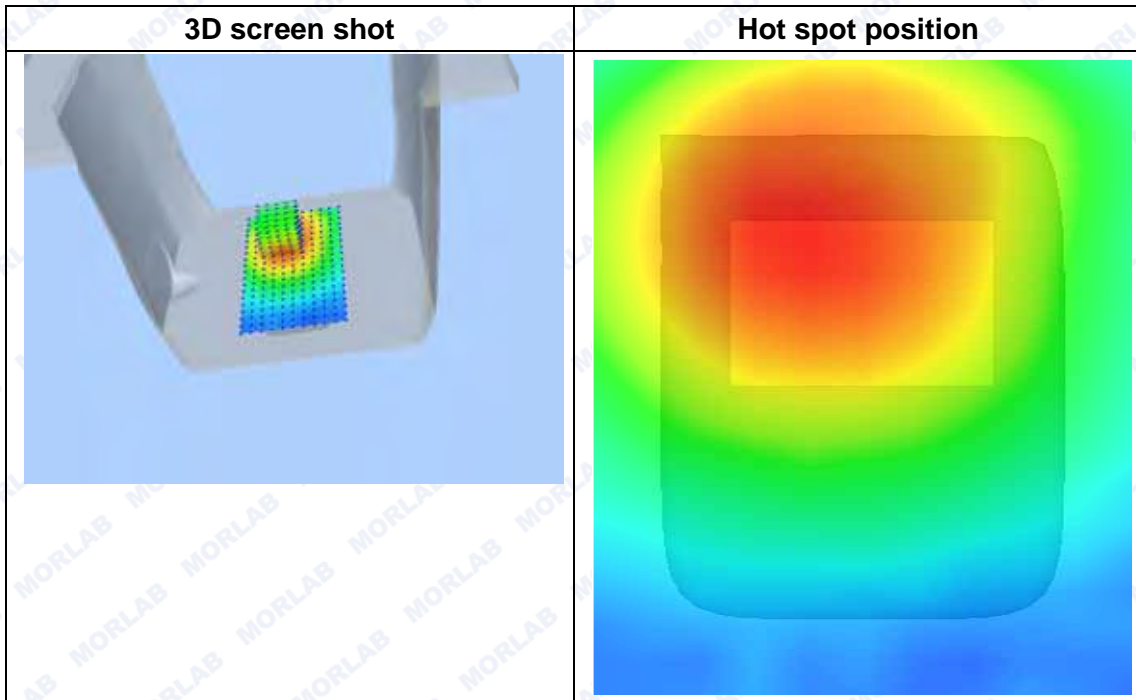
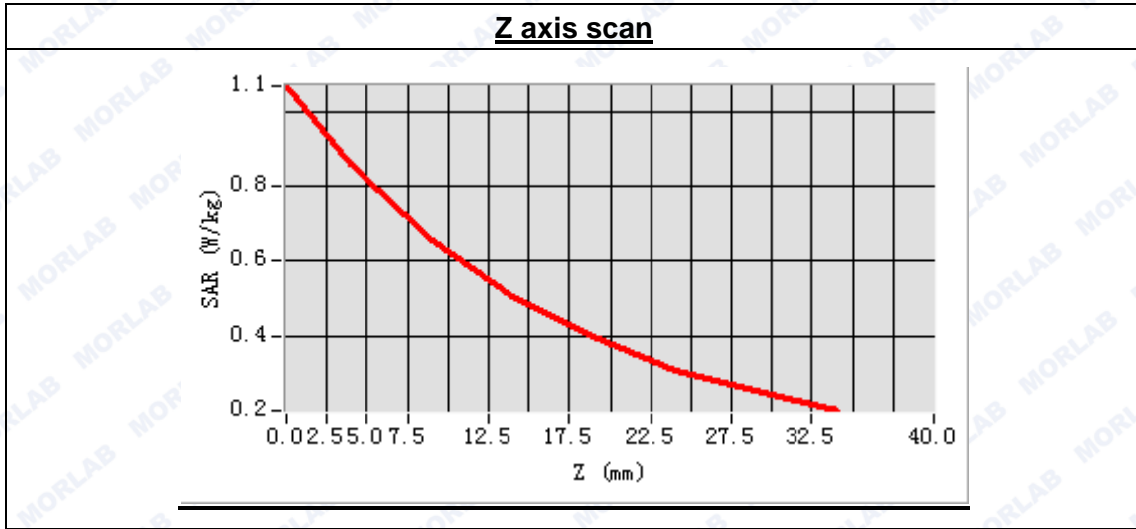




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.727541
SAR 1g (W/Kg)	1.017747





**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

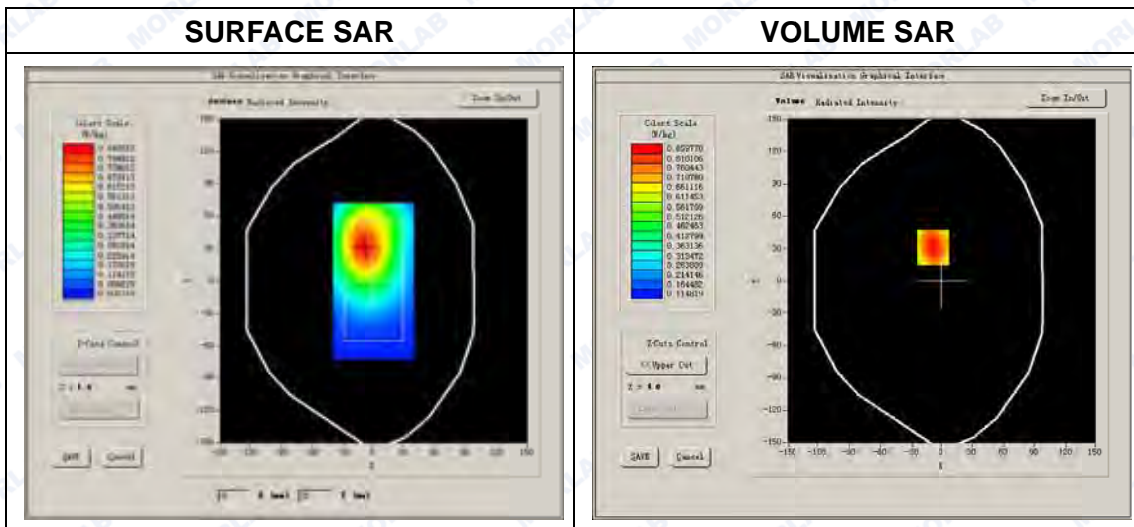
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	High
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

High Band SAR (Channel 23800):

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

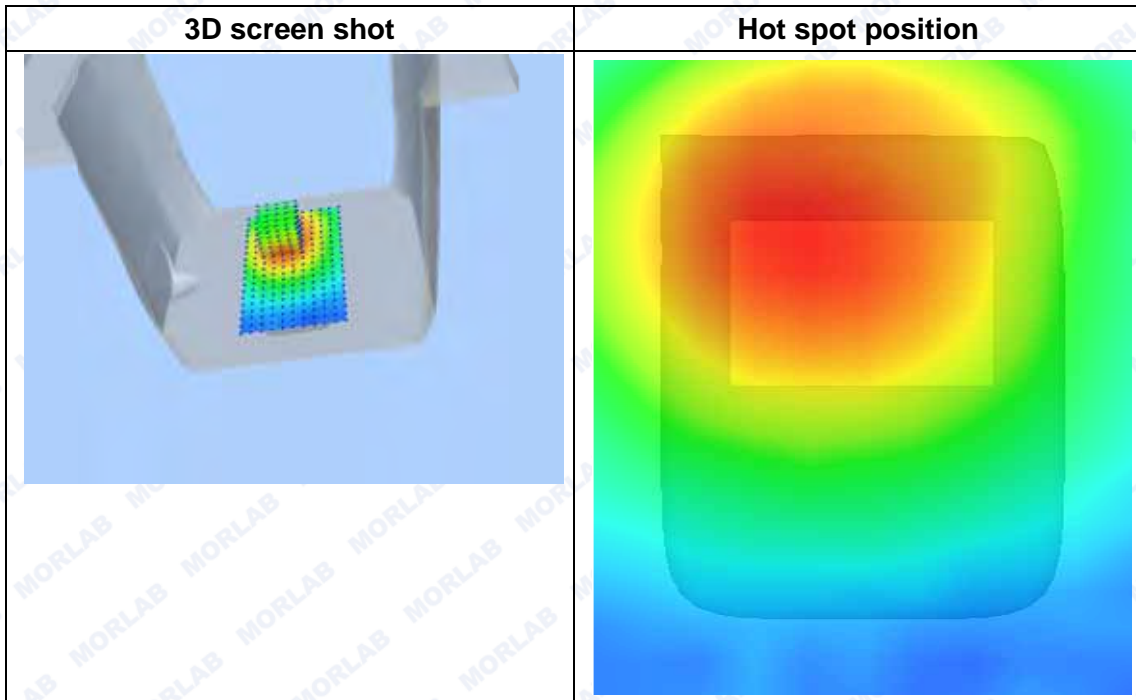
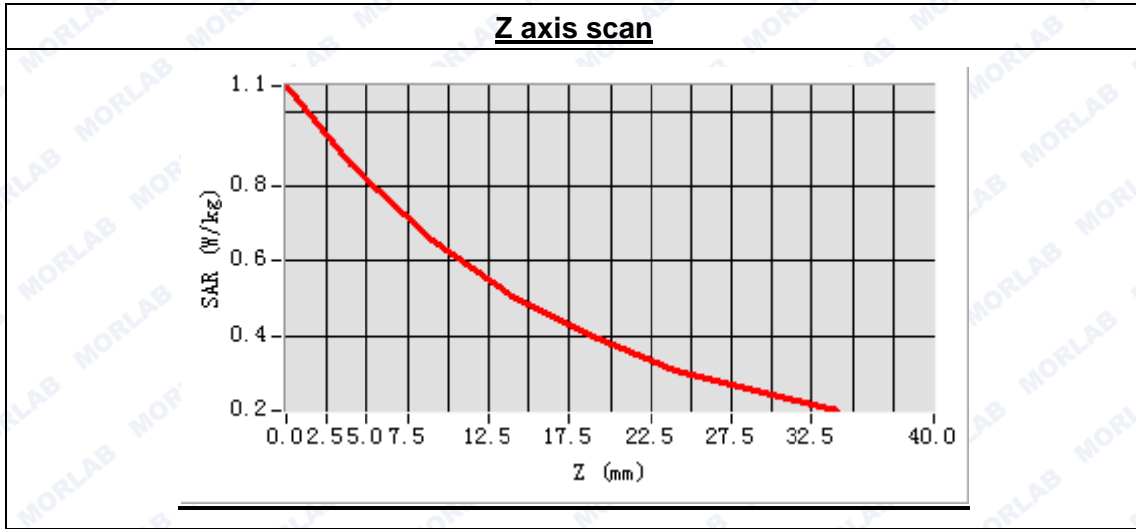




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.658421
SAR 1g (W/Kg)	1.005215



**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: 2015.10.16

Measurement duration: 9 minutes 33 seconds

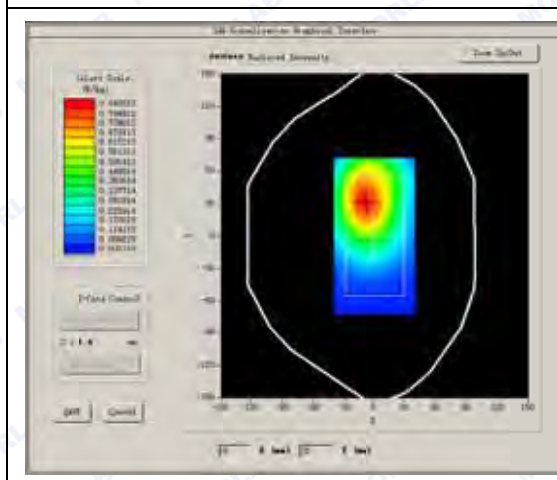
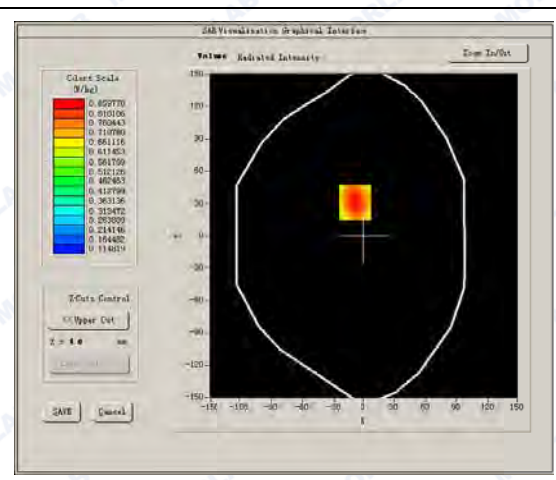
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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**

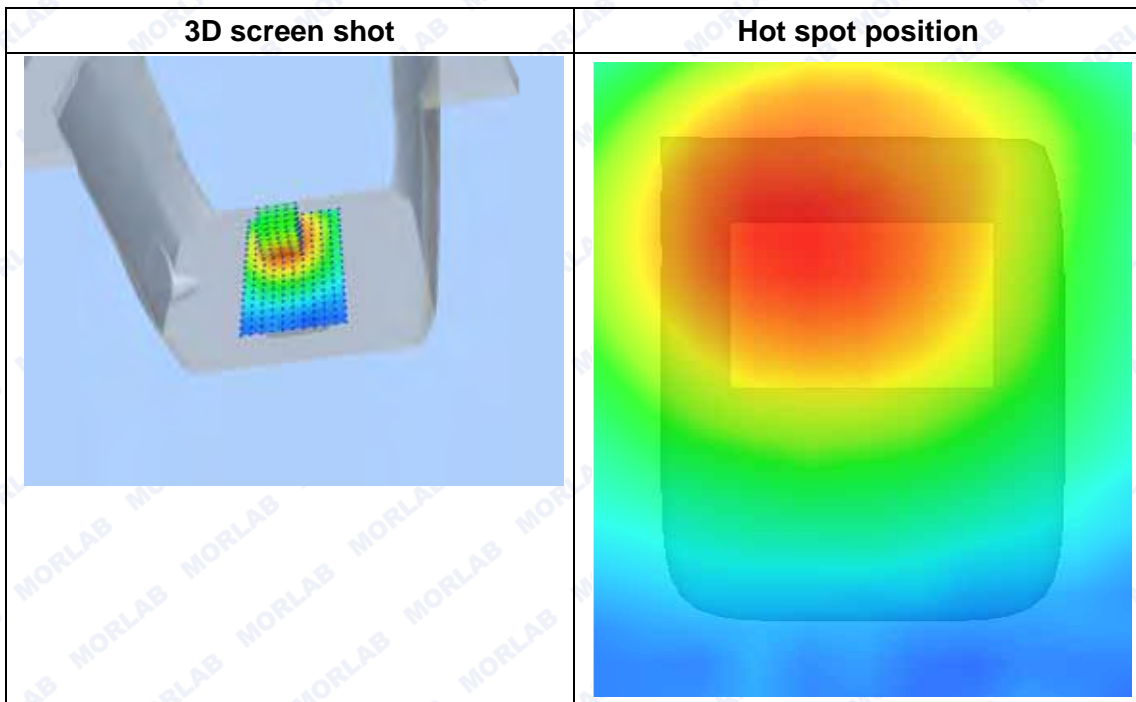
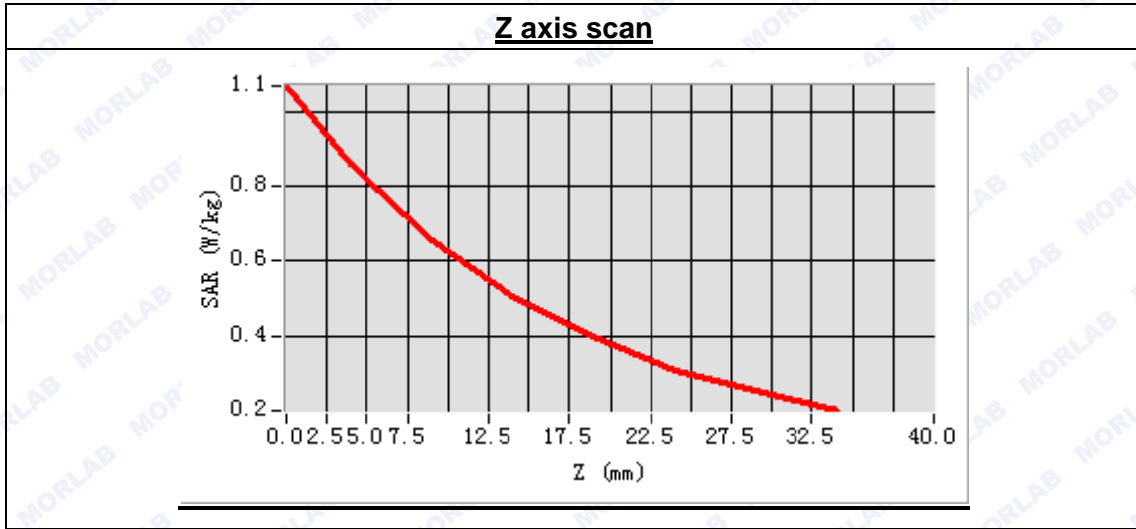


REPORT No. : SZ15100009S01

Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.527541
SAR 1g (W/Kg)	0.871354







**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

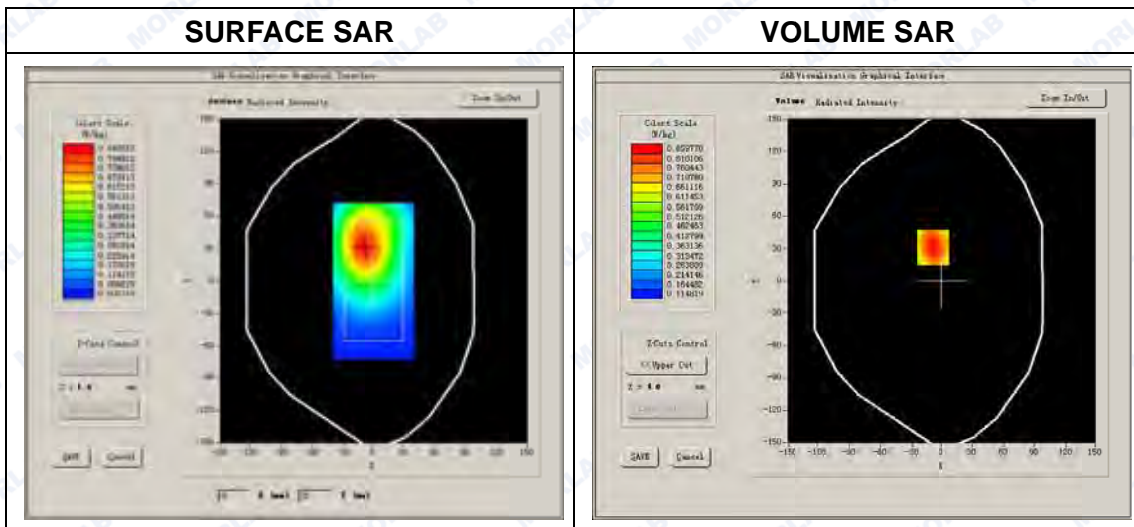
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 23790):

<b>Frequency (MHz)</b>	710.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

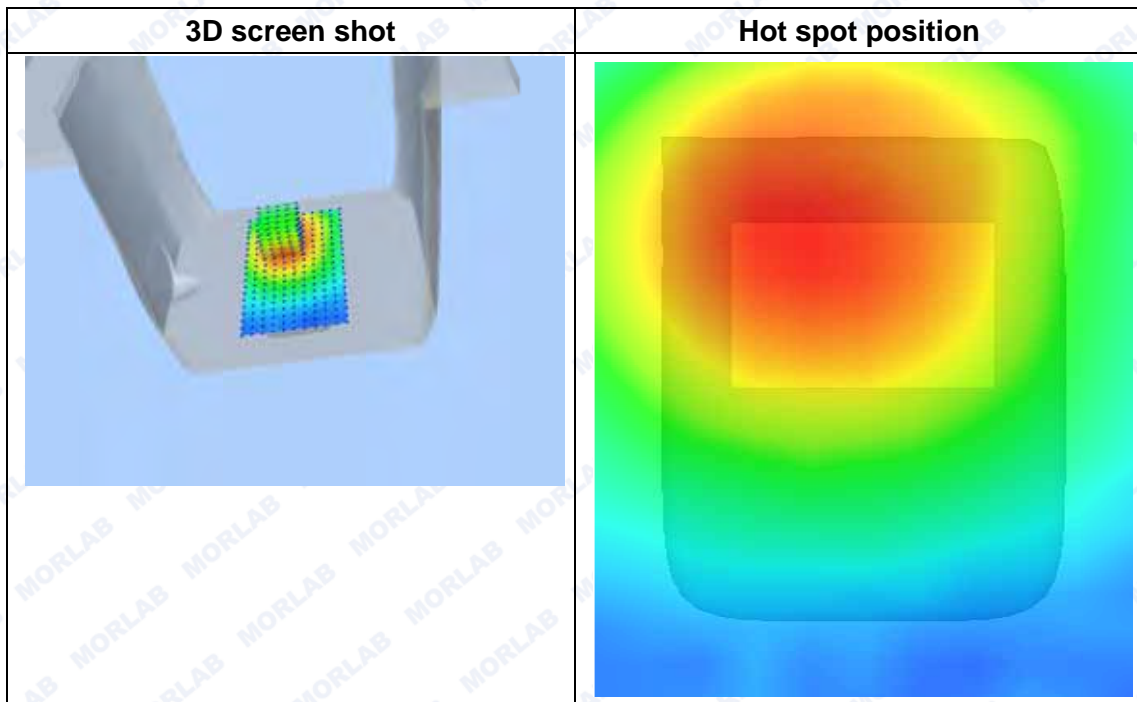
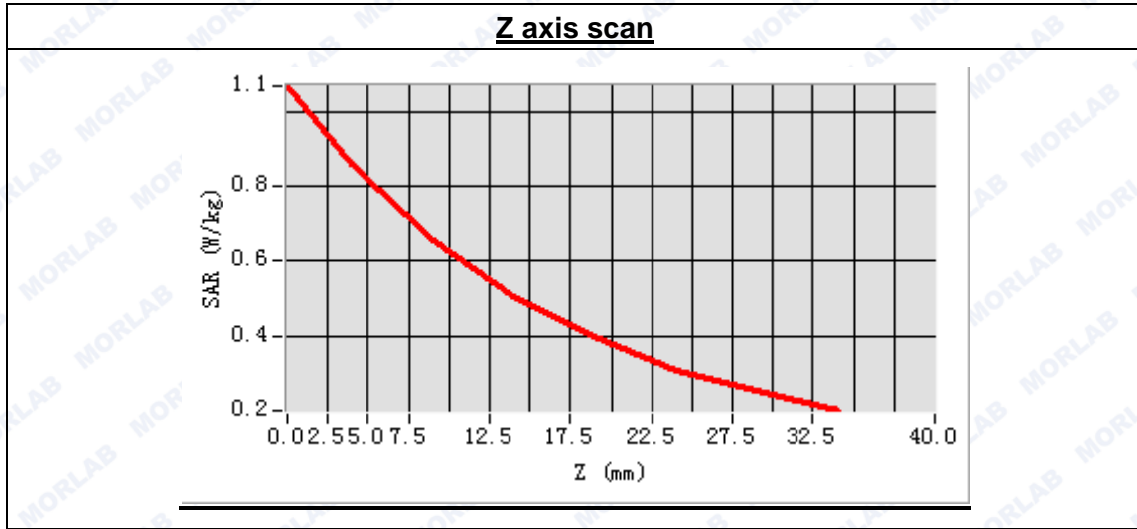




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.452143
SAR 1g (W/Kg)	0.843021





**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

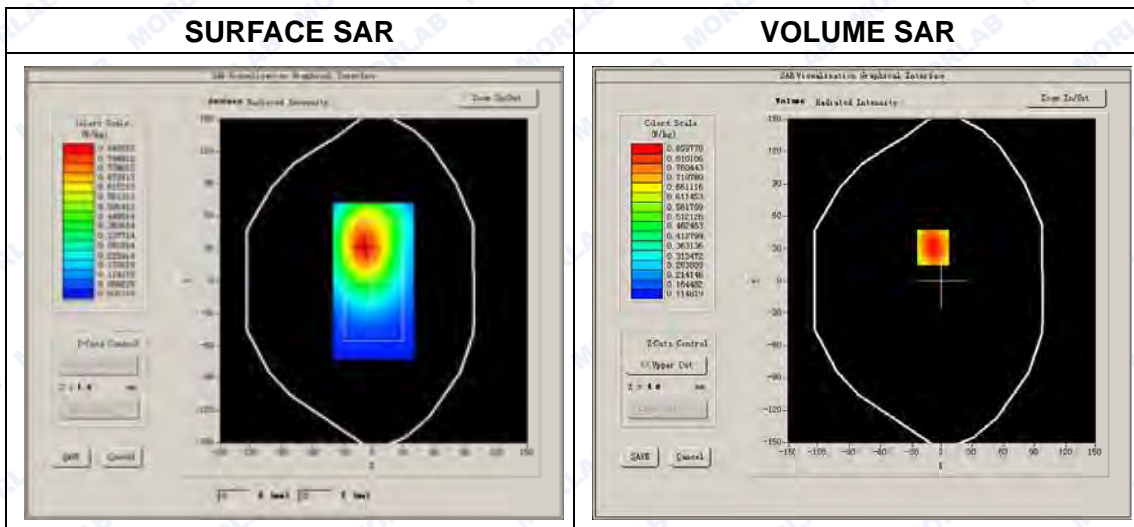
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	High
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

High Band SAR (Channel 23800):

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

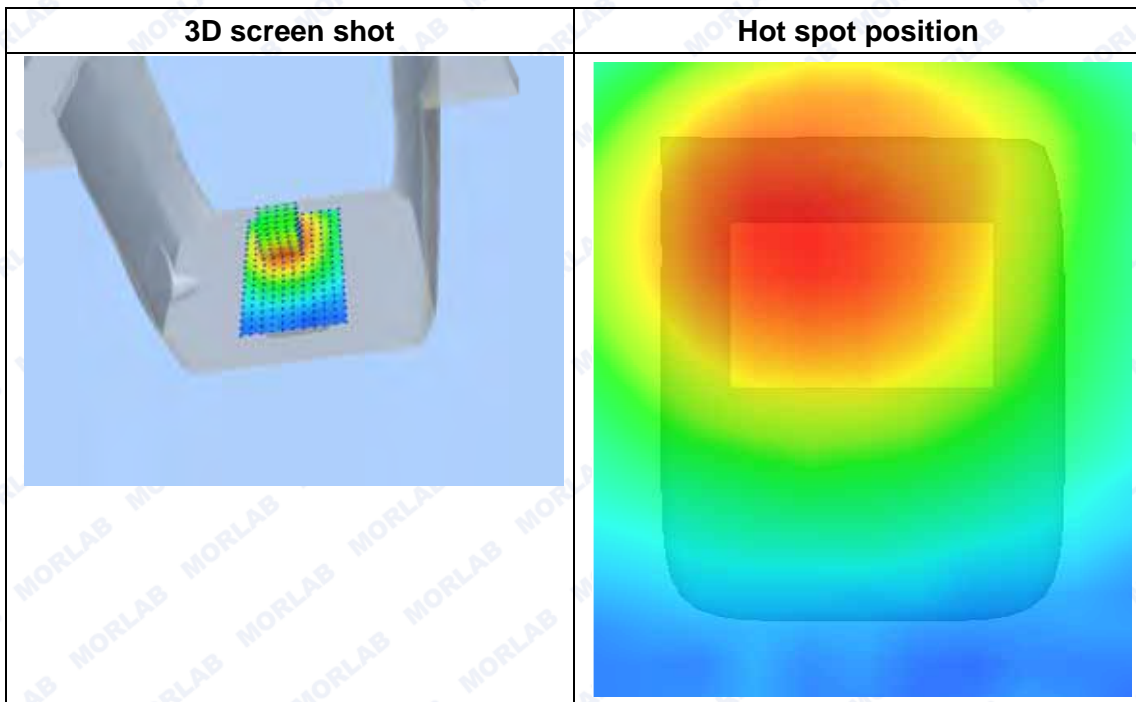
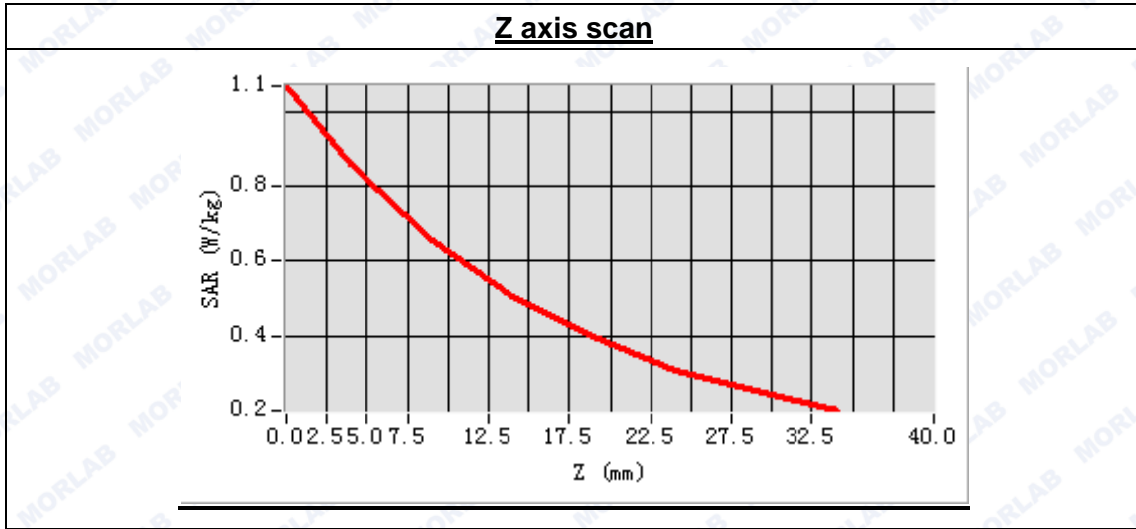




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.415248
SAR 1g (W/Kg)	0.866214





**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: 2015.10.16  
Measurement duration: 9 minutes 33 seconds

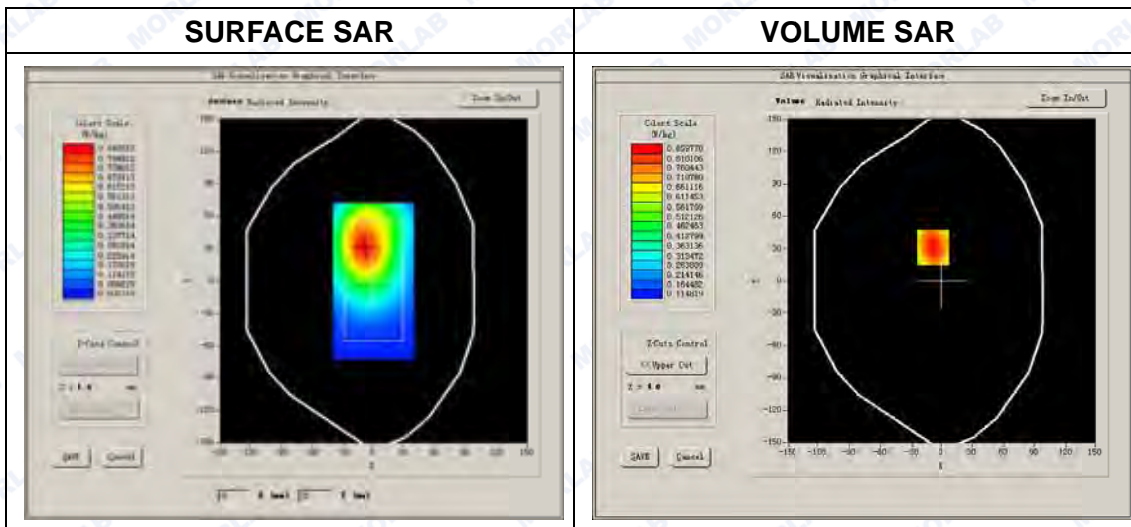
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

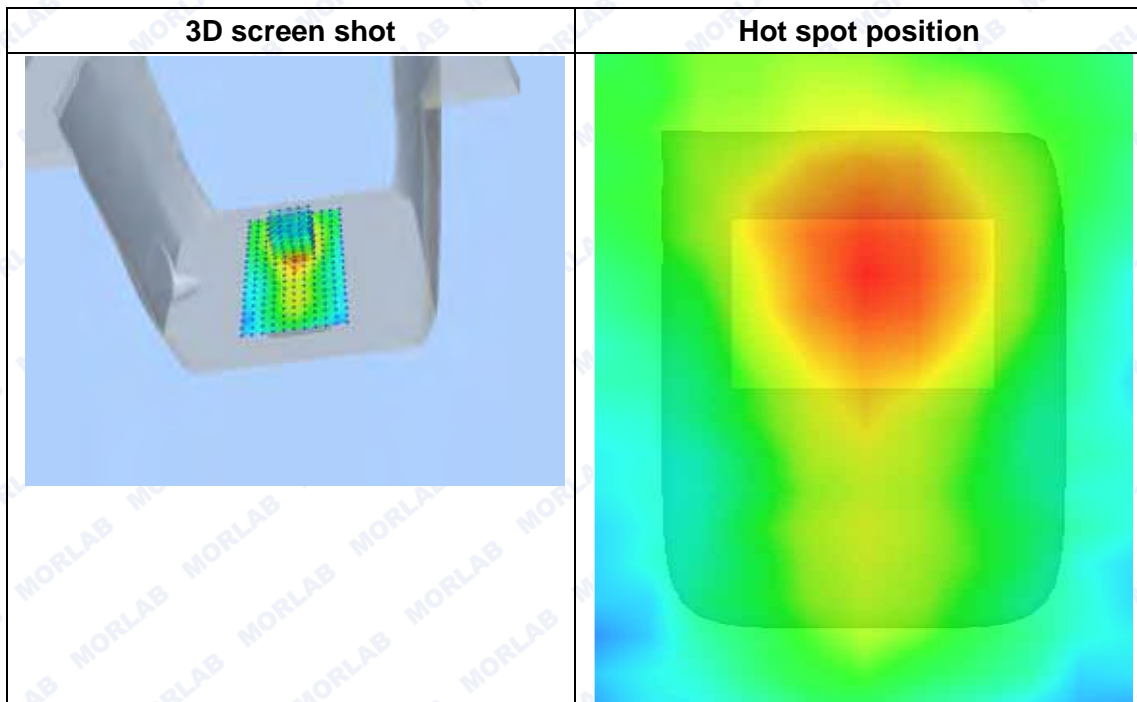
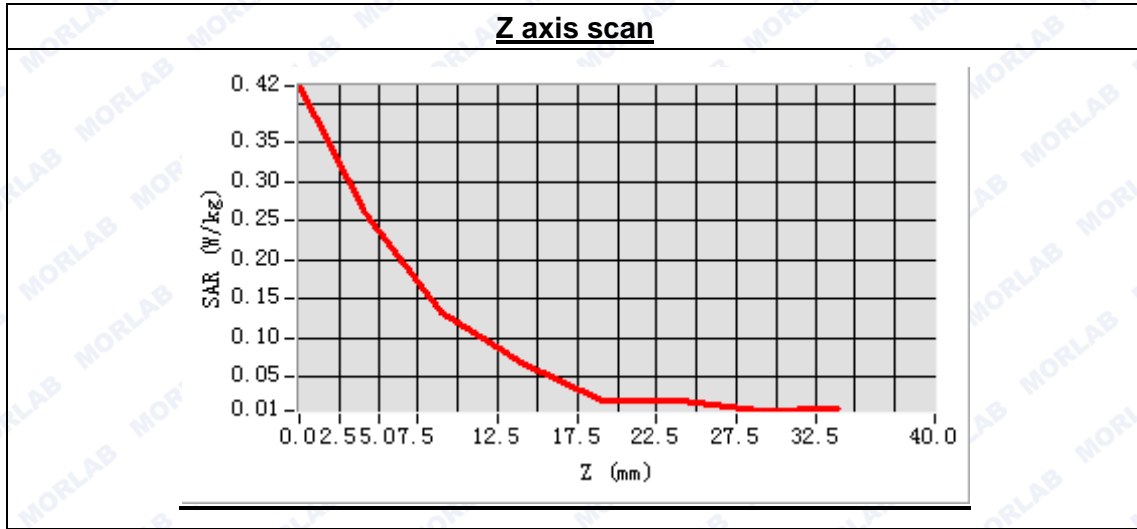




aximum location: X=1.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.141396
SAR 1g (W/Kg)	0.270467



**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: 2015.10.16

Measurement duration: 9 minutes 33 seconds

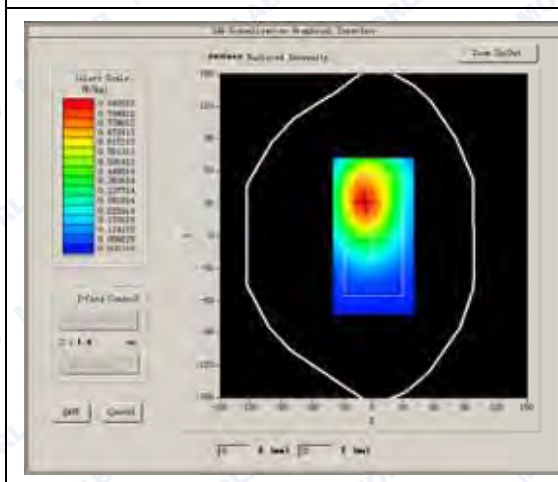
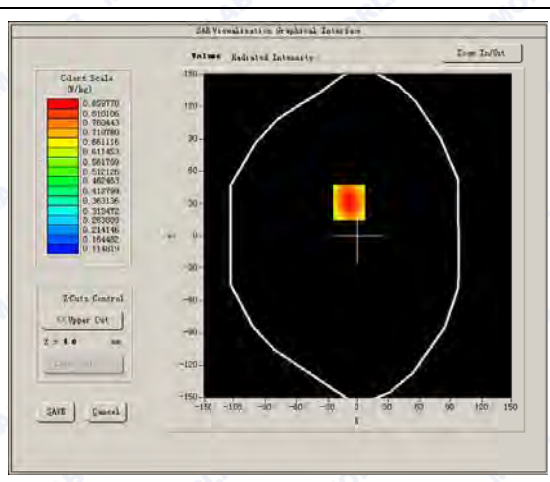
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

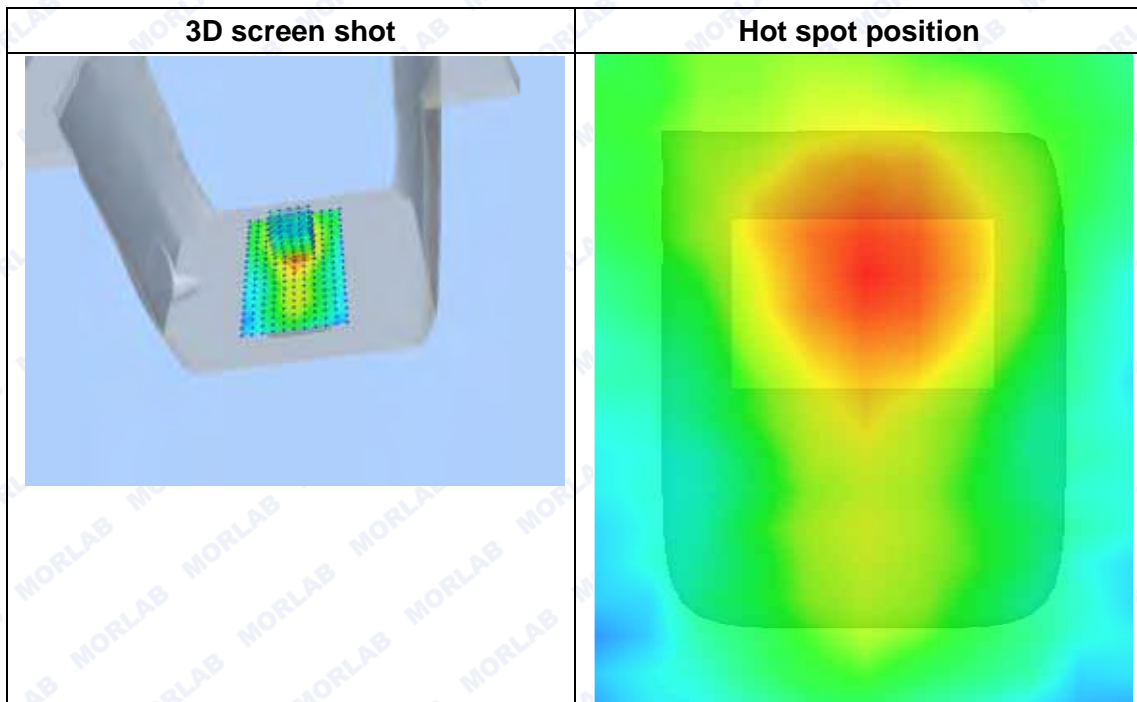
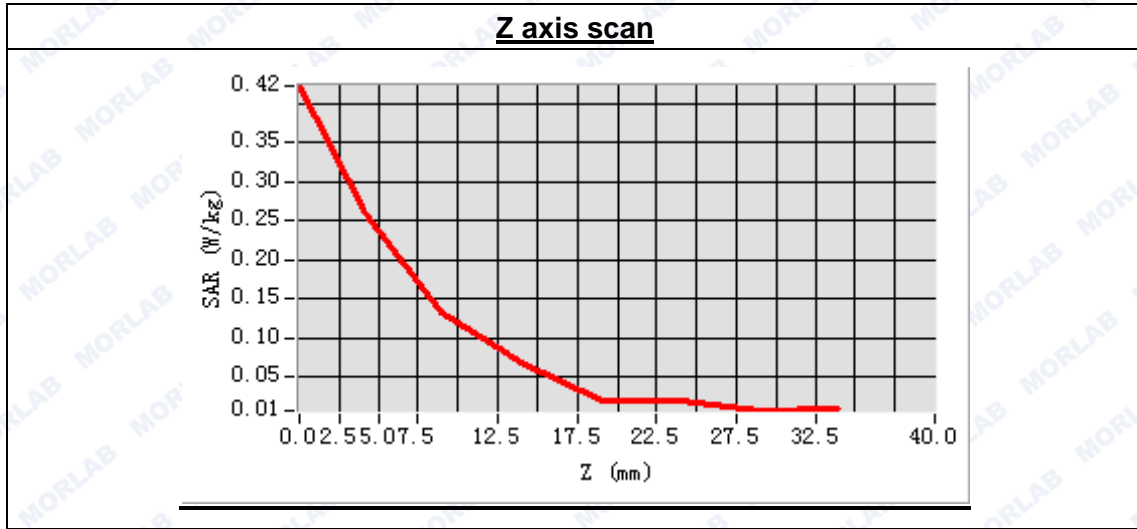
**SURFACE SAR****VOLUME SAR**



aximum location: X=1.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.161396
SAR 1g (W/Kg)	0.333025







**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: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

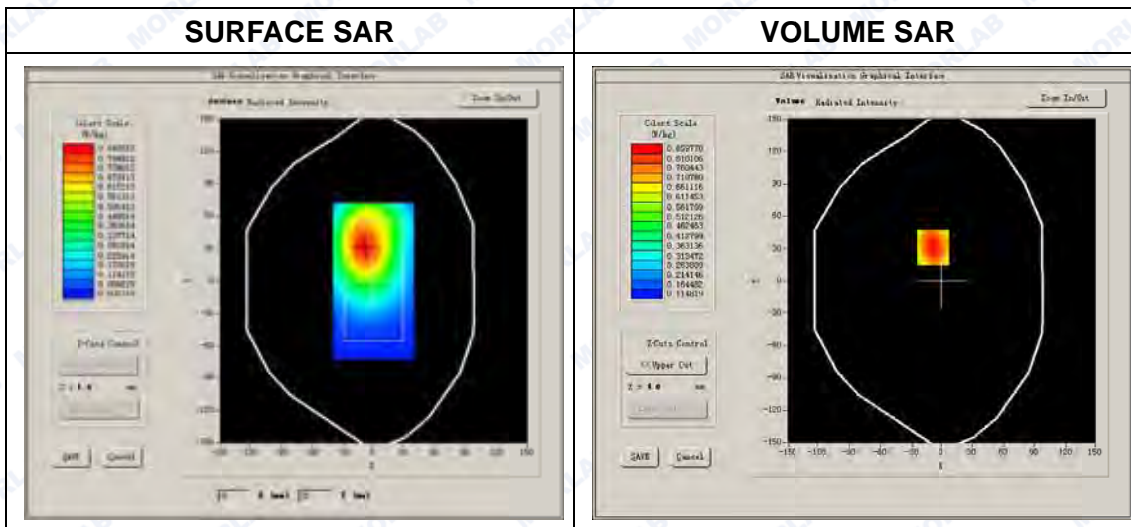
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

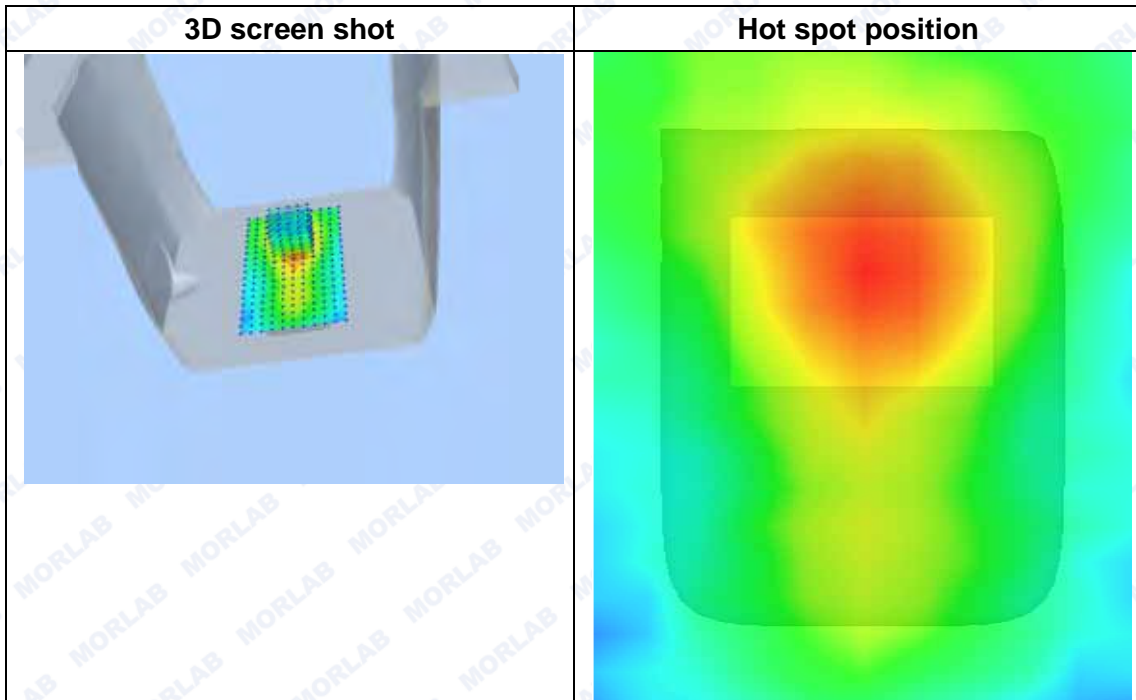
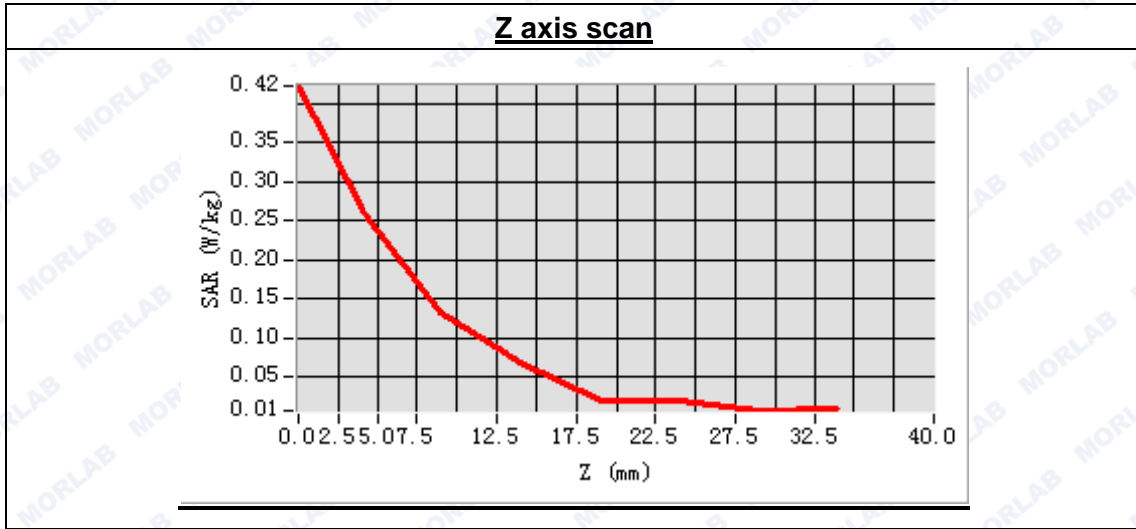




aximum location: X=1.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.141396
SAR 1g (W/Kg)	0.279467



**MEASUREMENT 84**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.10.16

Measurement duration: 9 minutes 33 seconds

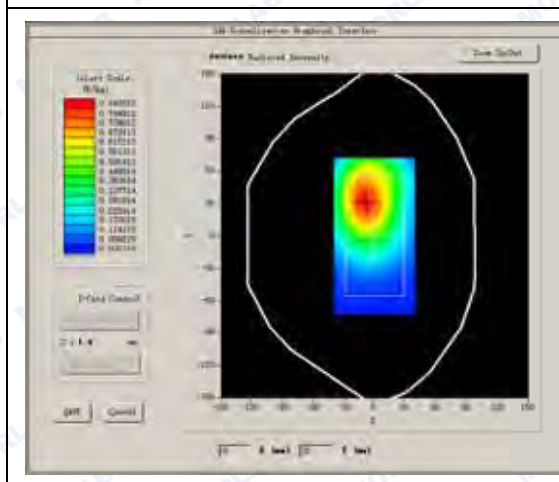
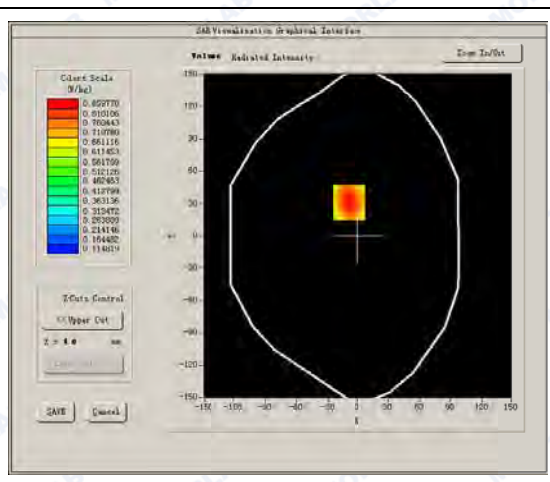
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 17
Channels	Low
Signal	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

Frequency (MHz)	709.000000
Relative permittivity (real part)	54.481249
Conductivity (S/m)	0.932541
Power drift (%)	-1.210000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

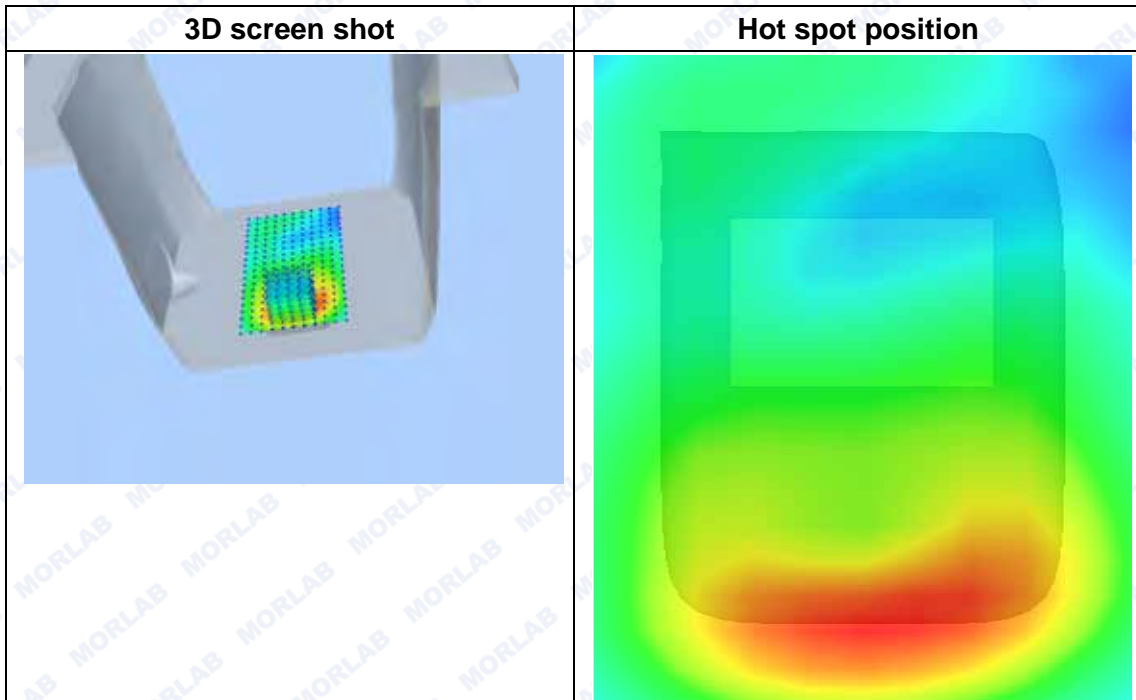
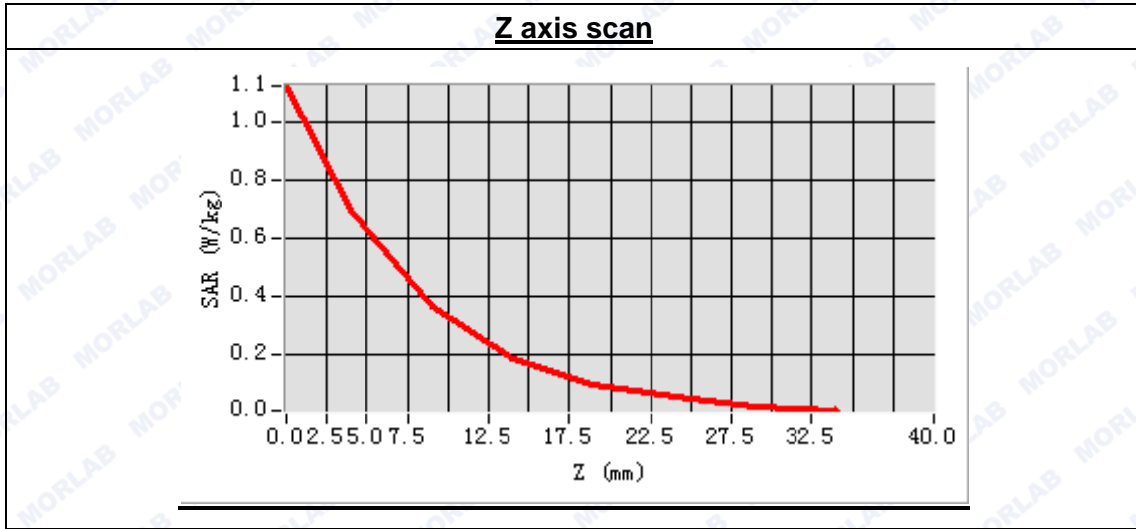
**SURFACE SAR****VOLUME SAR**



Maximum location: X=1.00, Y=-55.00

SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.377676
SAR 1g (W/Kg)	0.692128





**MEASUREMENT 85**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

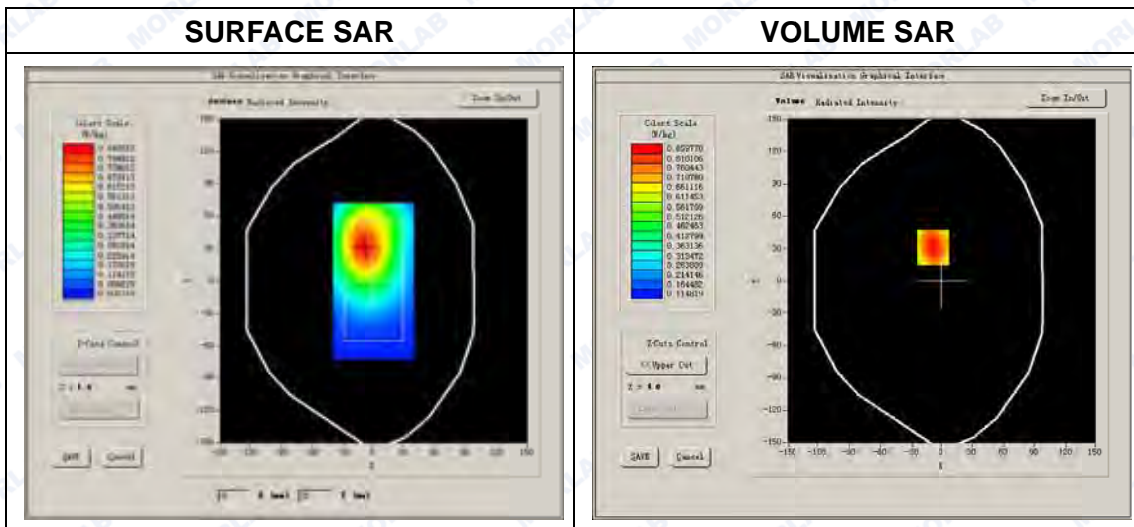
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<b>Ambient Temperature:</b>	22.4°C
<b>Liquid Temperature:</b>	21.9°C
<b>ConvF:</b>	5.51
<b>Crest factor:</b>	1:1

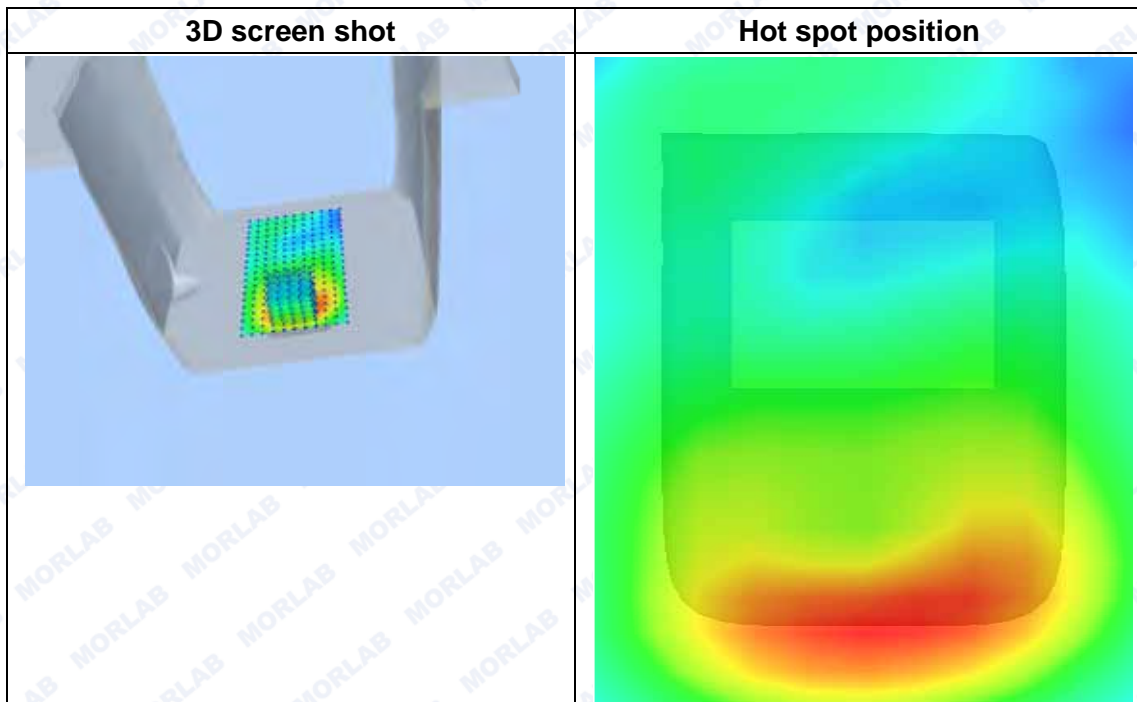
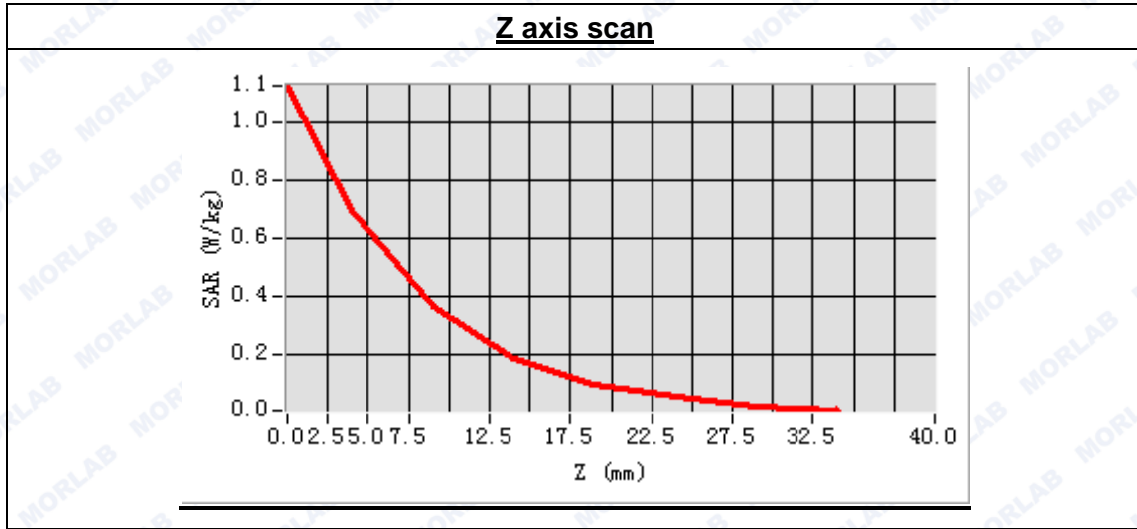




Maximum location: X=1.00, Y=-55.00

SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.277676
SAR 1g (W/Kg)	0.459212





**MEASUREMENT 86**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
Date of measurement: 2015.10.16  
Measurement duration: 9 minutes 33 seconds

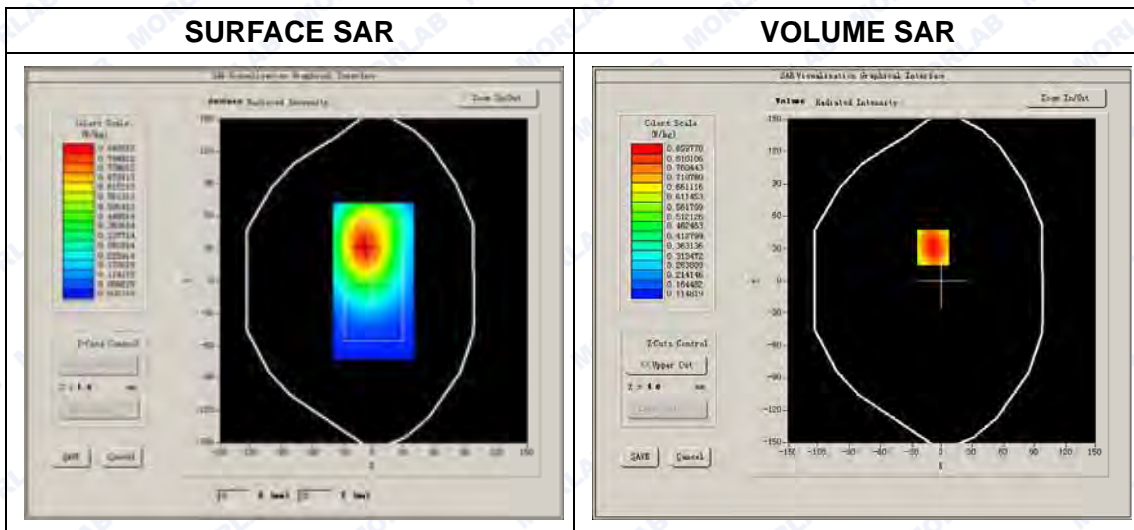
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

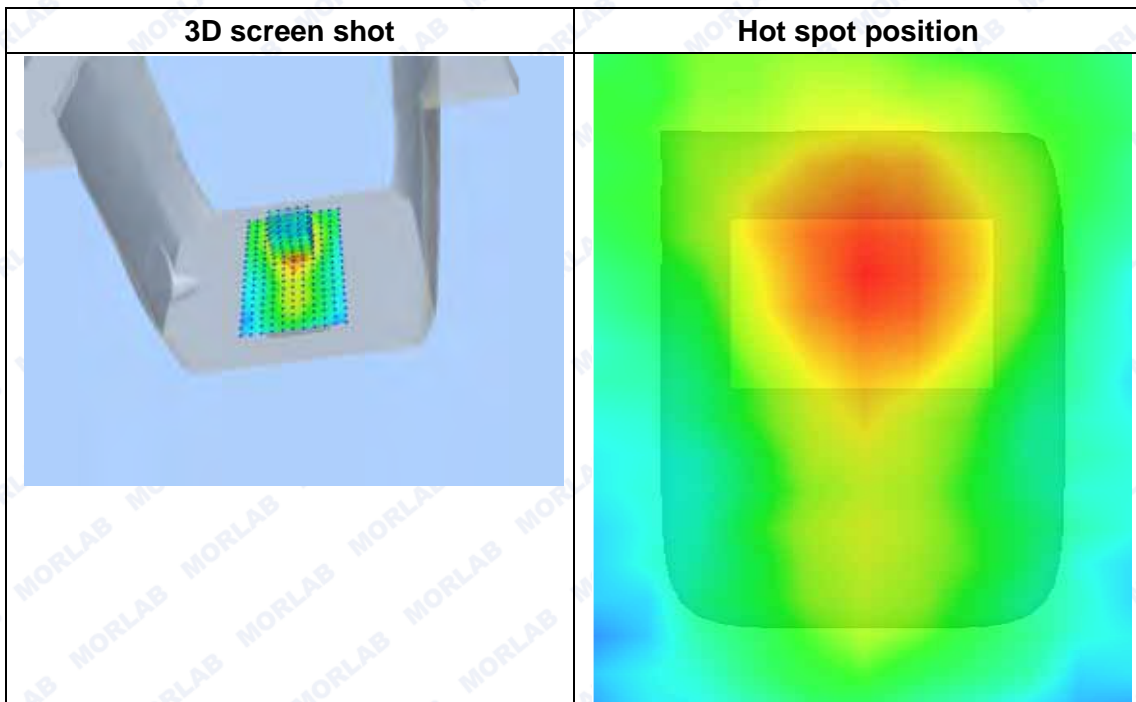
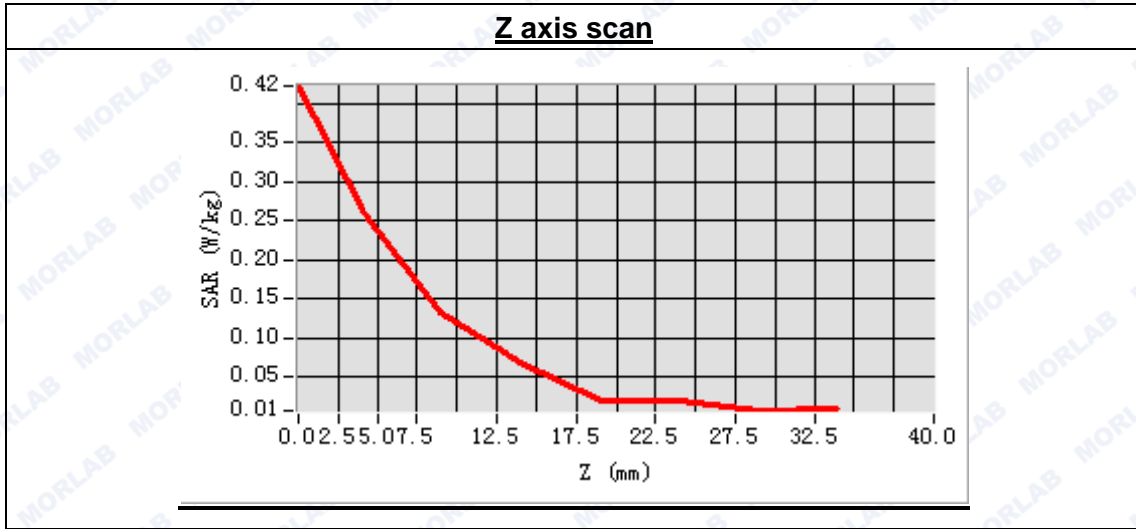




imum location: X=1.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.141396
SAR 1g (W/Kg)	0.279467





**MEASUREMENT 87**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.10.16

Measurement duration: 9 minutes 33 seconds

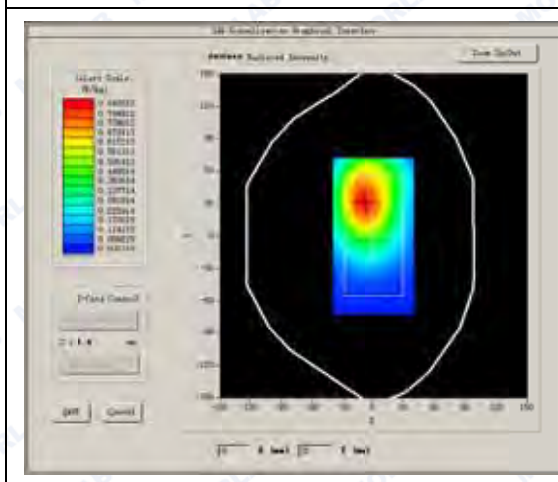
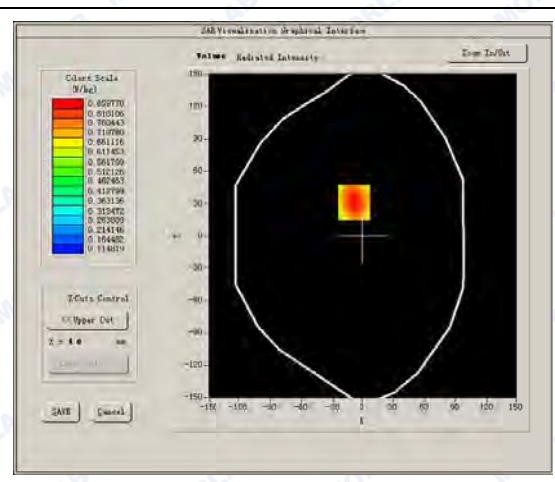
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

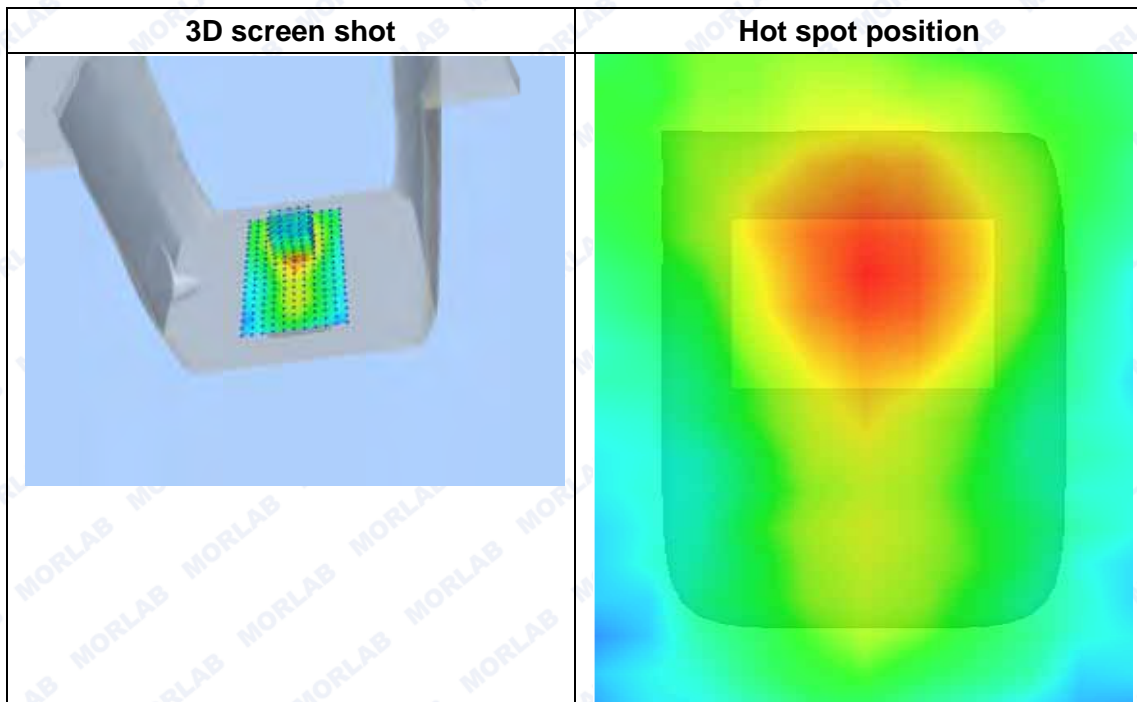
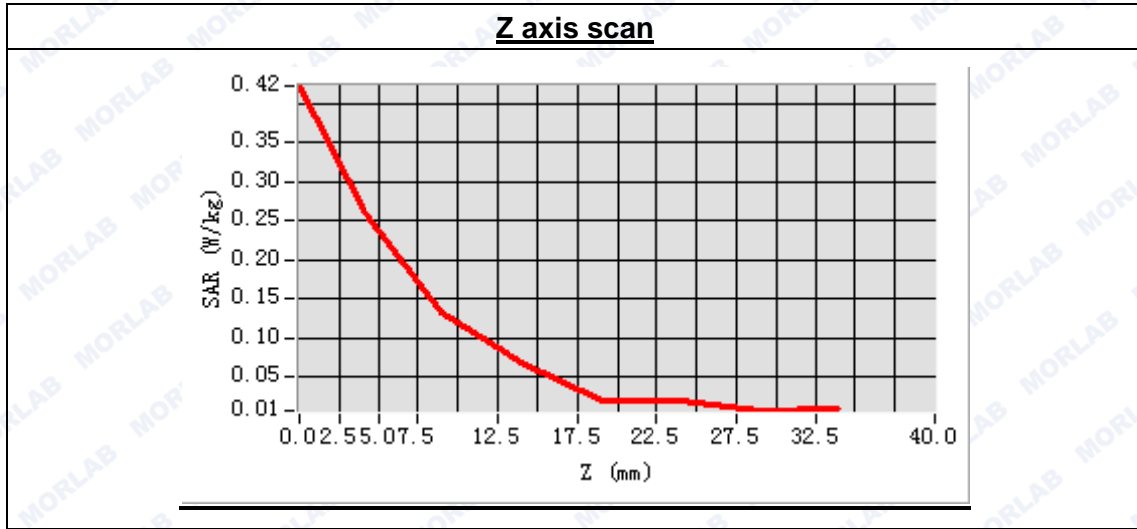
**SURFACE SAR****VOLUME SAR**



imum location: X=1.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.141396
SAR 1g (W/Kg)	0.248467





**MEASUREMENT 88**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

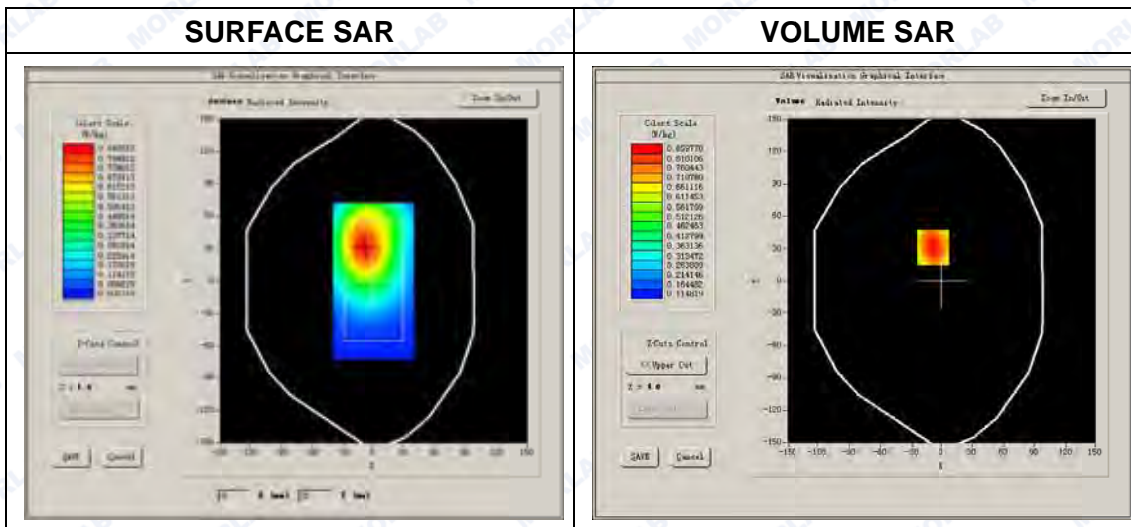
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Middle
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Middle Band SAR (Channel 23790):

<b>Frequency (MHz)</b>	710.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

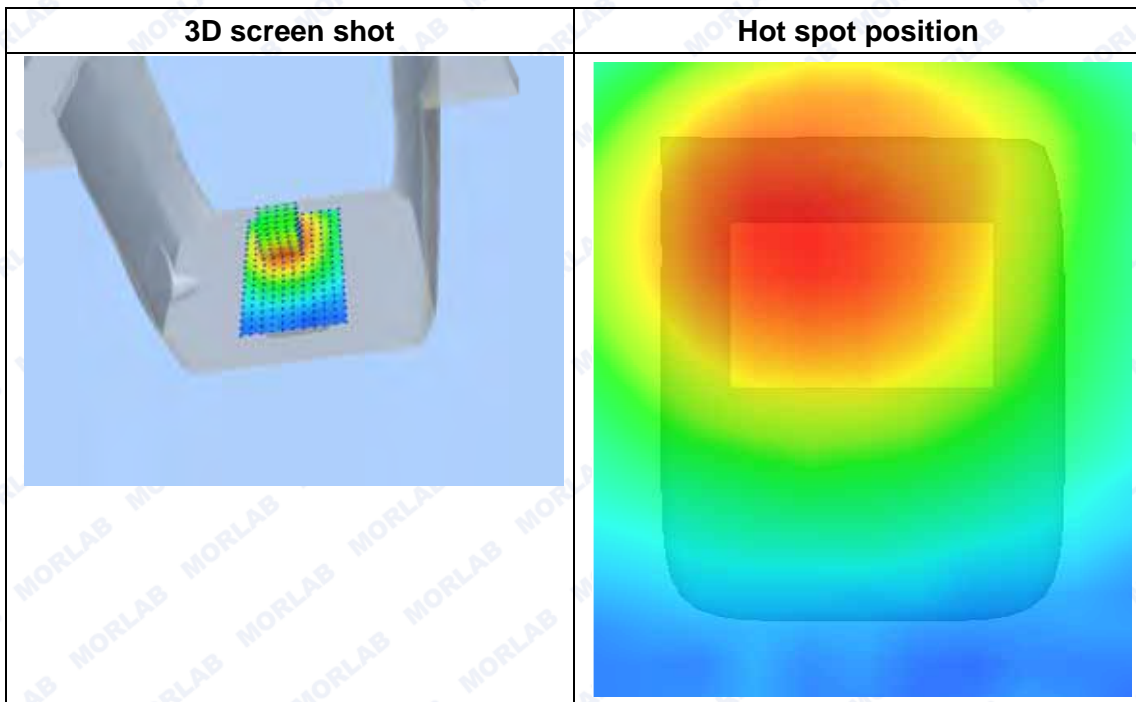
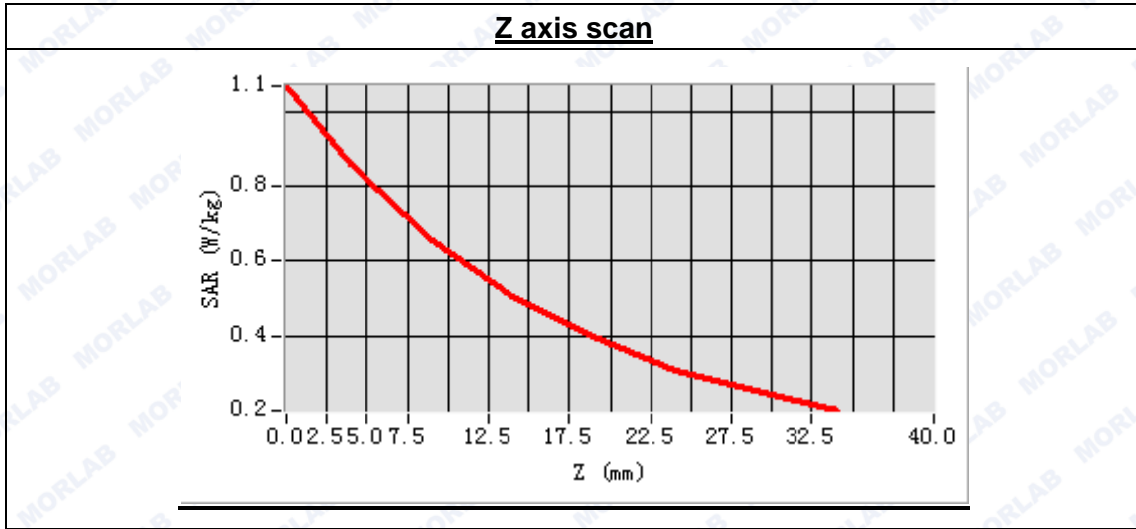




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.727541
SAR 1g (W/Kg)	1.017747





**MEASUREMENT 87**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

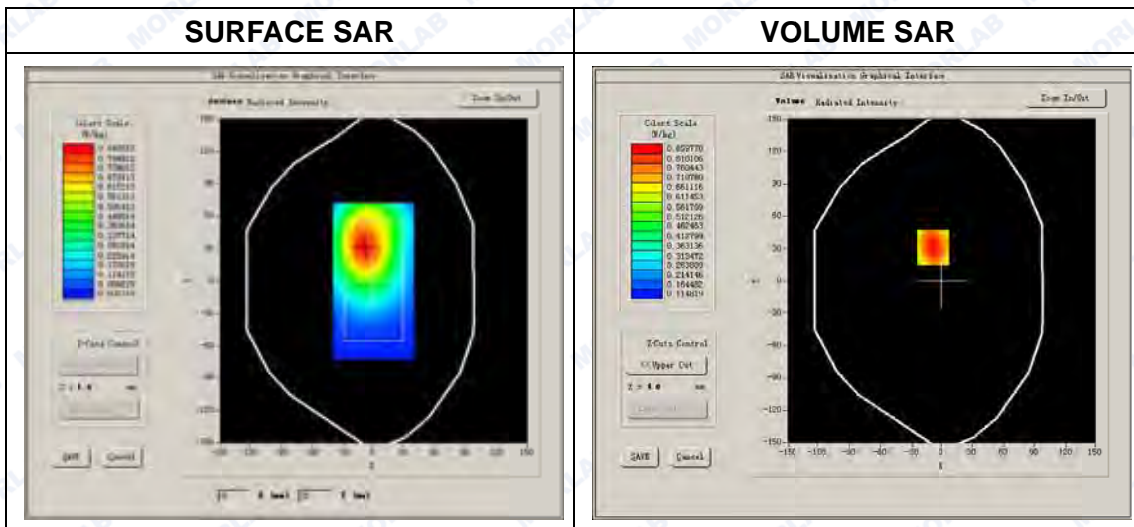
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	Low
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

Low Band SAR (Channel 23780):

<b>Frequency (MHz)</b>	709.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

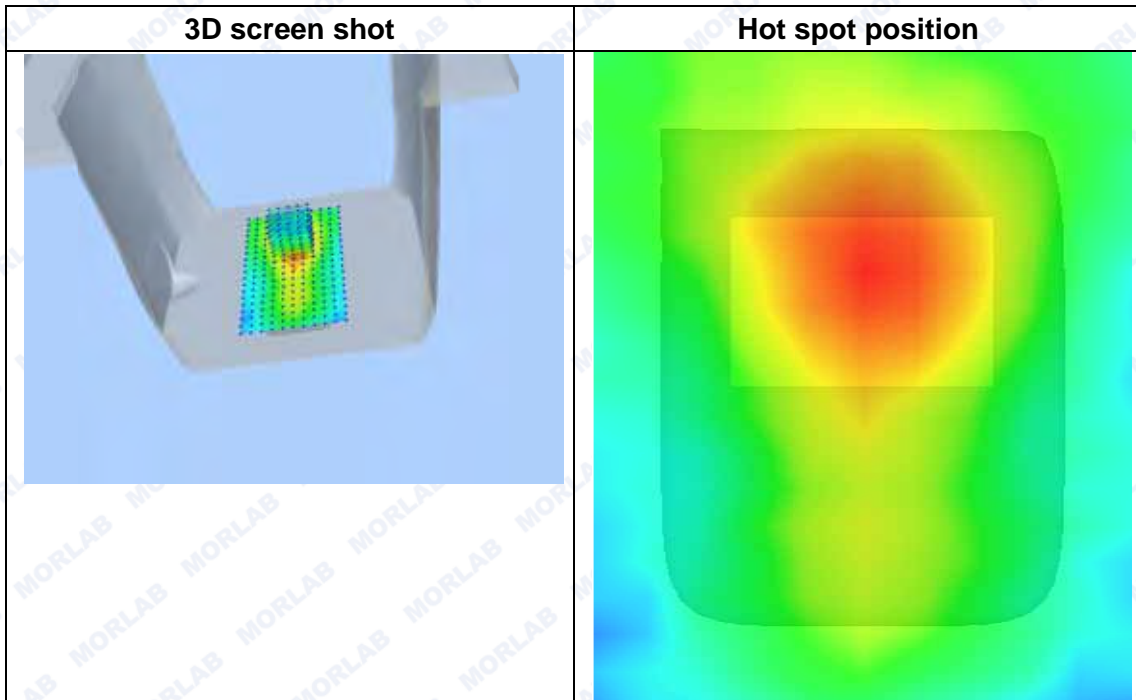
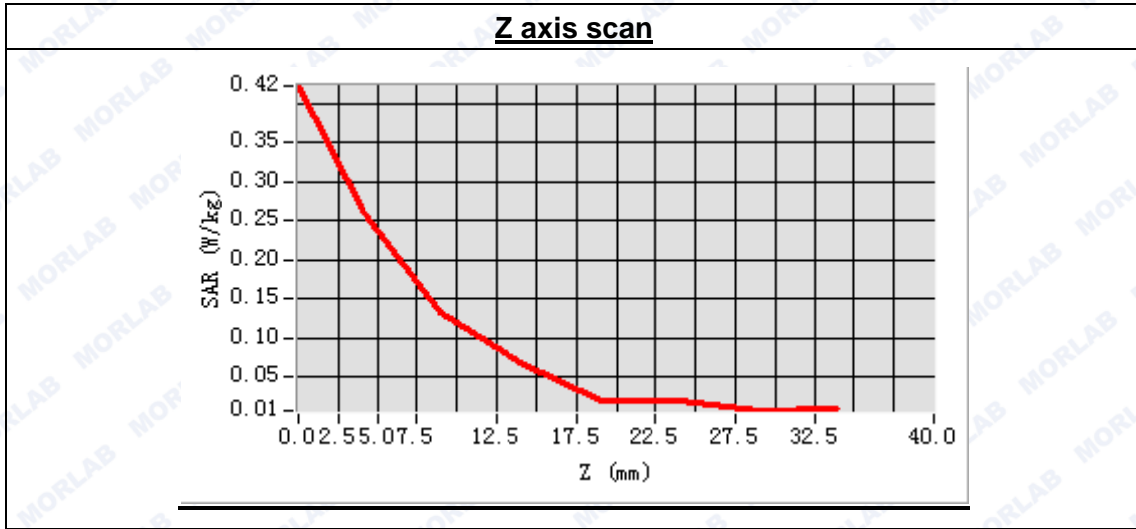




imum location: X=1.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.141396
SAR 1g (W/Kg)	0.216467





**MEASUREMENT 88**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.16  
 Measurement duration: 9 minutes 33 seconds

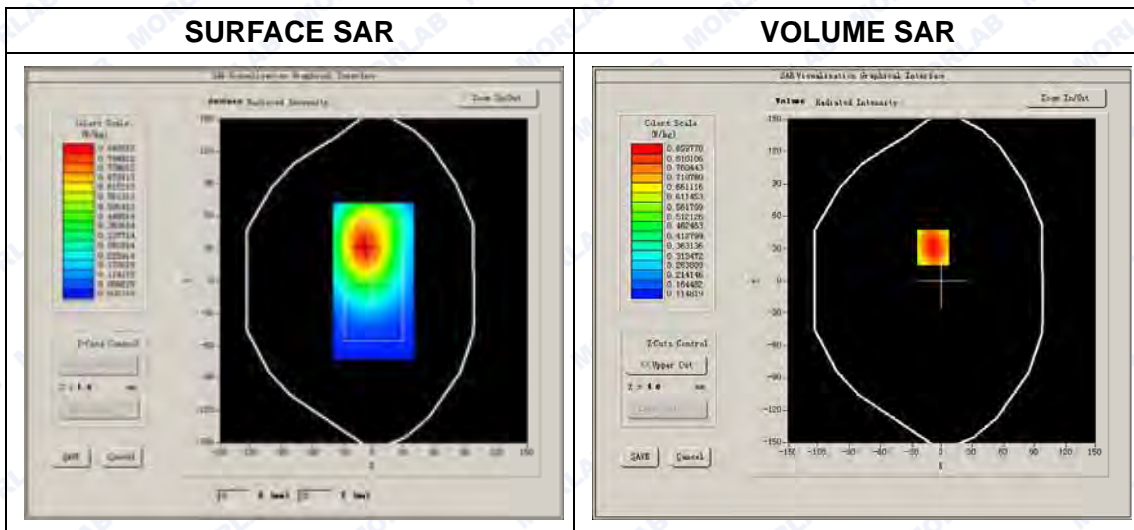
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	High
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

High Band SAR (Channel 23800):

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

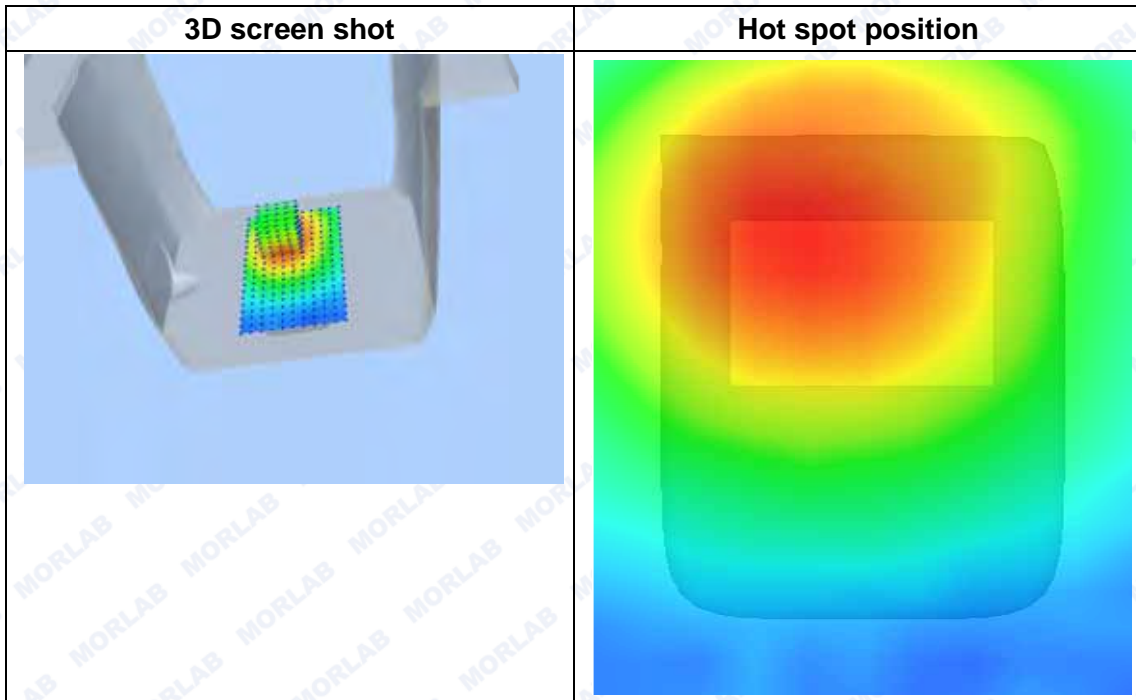
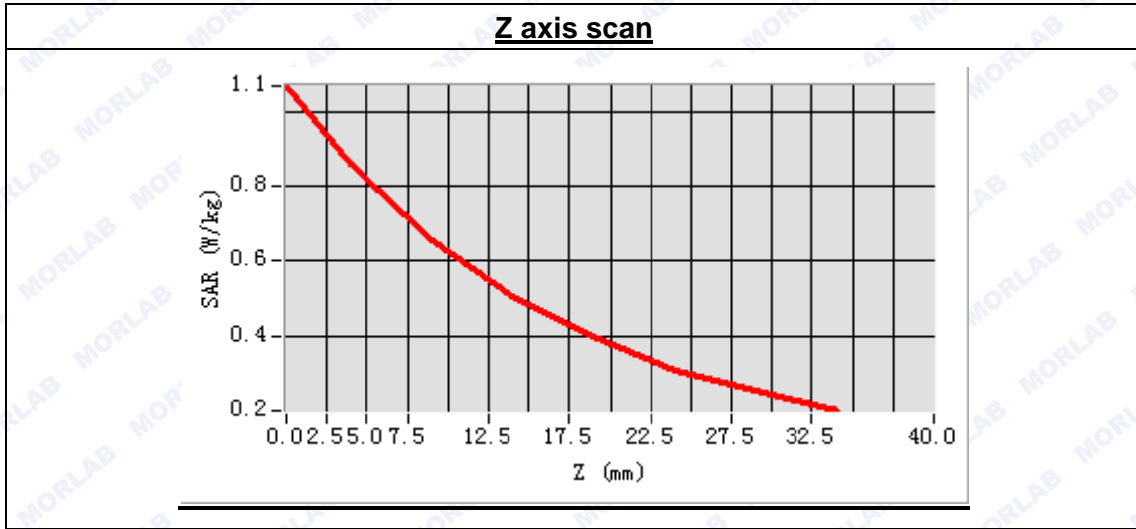




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.327541
SAR 1g (W/Kg)	0.681096







**MEASUREMENT 89**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
Date of measurement: 2015.10.16  
Measurement duration: 9 minutes 33 seconds

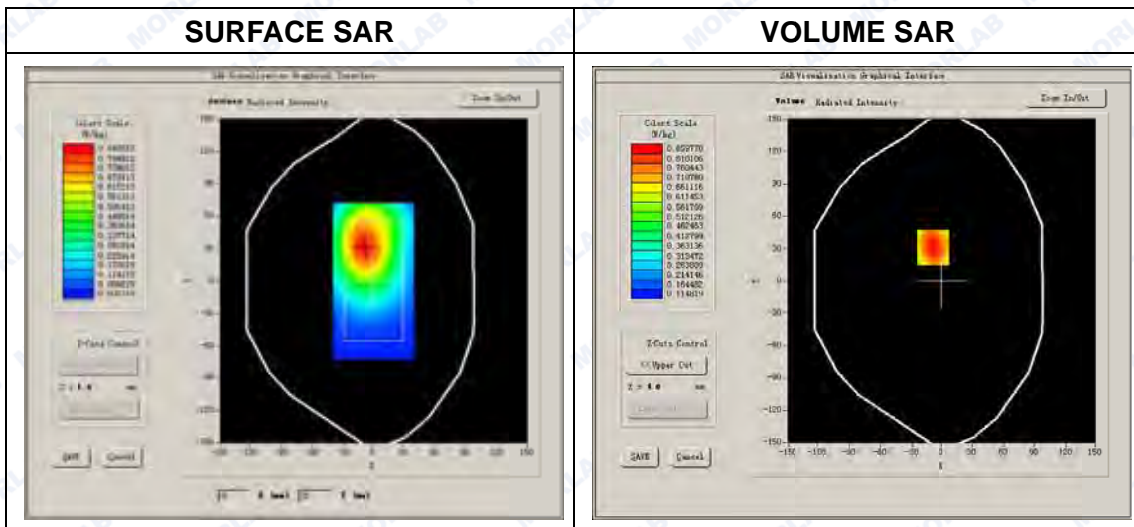
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	LTE Band 17
<b>Channels</b>	High
<b>Signal</b>	QPSK_10M_1RB offset 0

**B. SAR Measurement Results**

High Band SAR (Channel 23800):

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	54.481249
<b>Conductivity (S/m)</b>	0.932541
<b>Power drift (%)</b>	-1.210000
<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

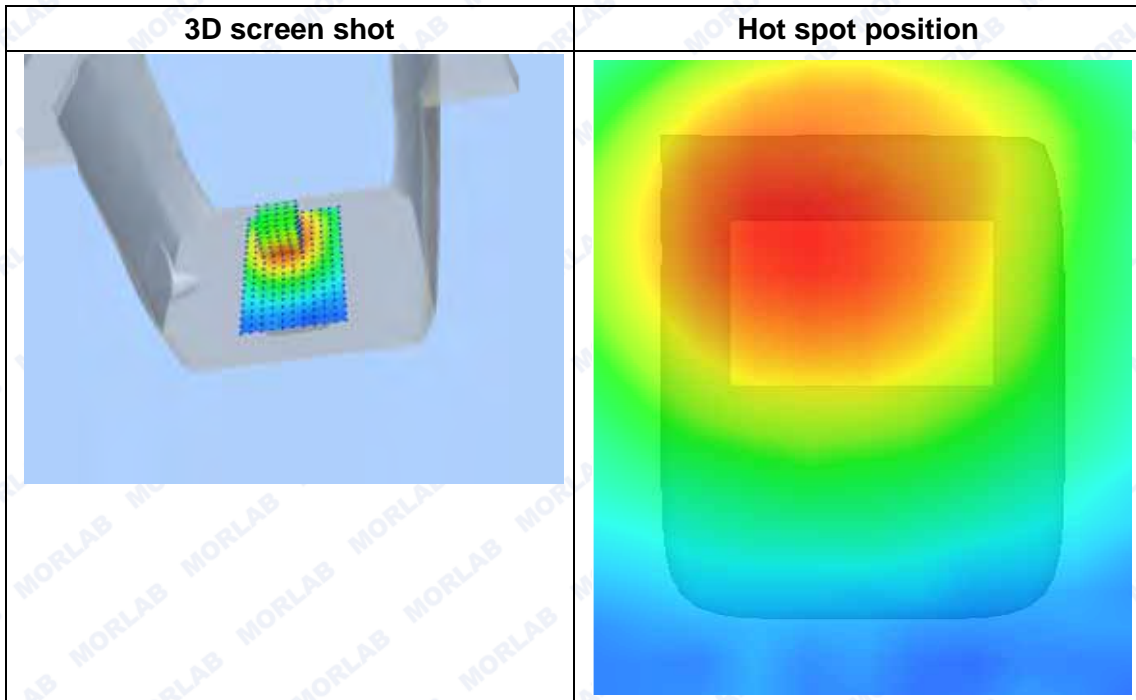
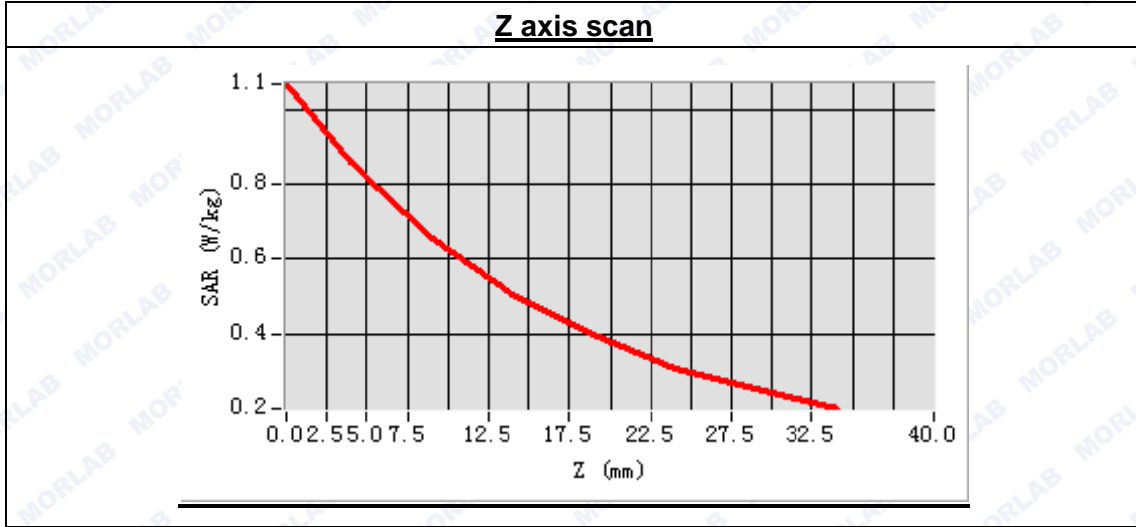




Maximum location: X=-9.00, Y=31.00

SAR Peak: 1.27 W/kg

SAR 10g (W/Kg)	0.127541
SAR 1g (W/Kg)	0.439215



**MEASUREMENT 90**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.10.17

Measurement duration: 9 minutes 31 seconds

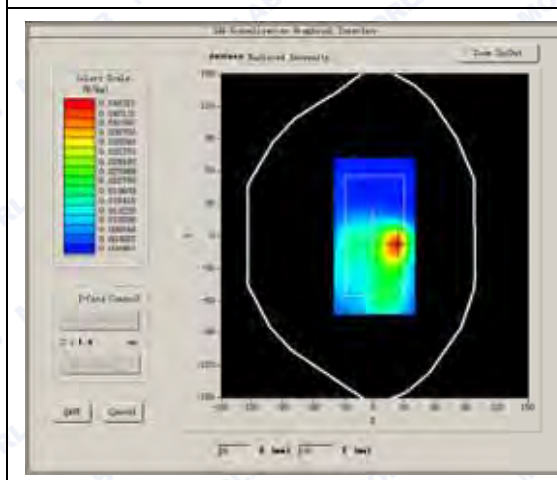
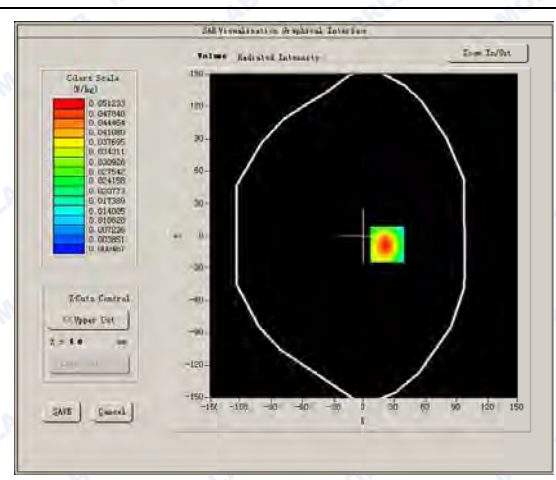
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.938859
Power drift (%)	1.120000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

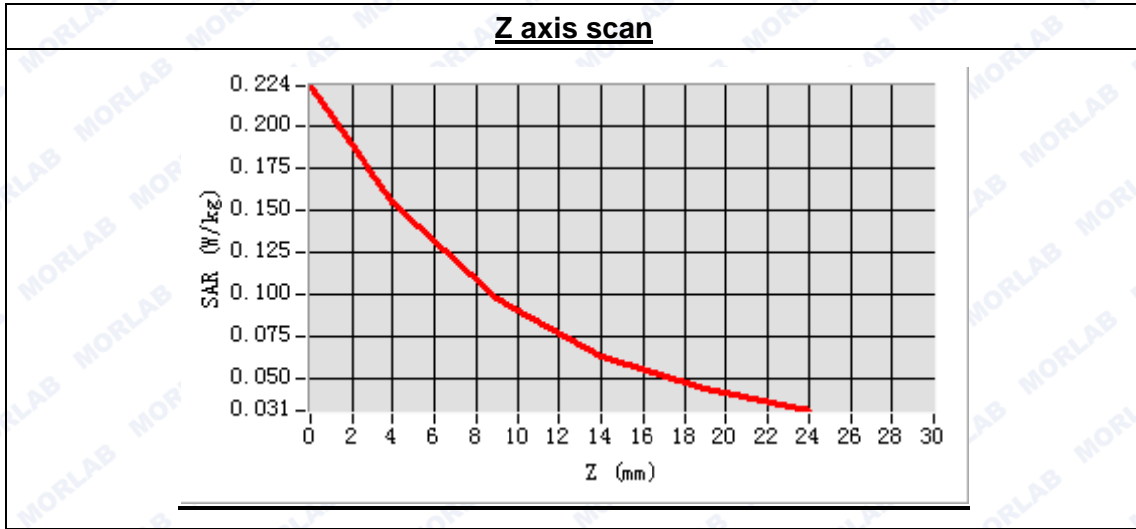
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-7.00, Y=0.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.095986
SAR 1g (W/Kg)	0.15192



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



**MEASUREMENT 91**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

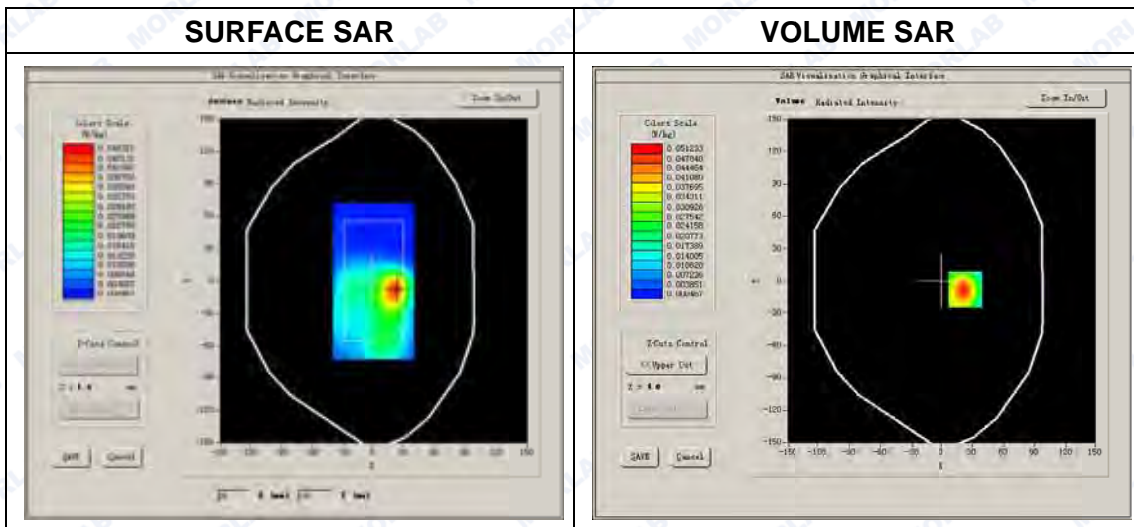
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.938859
Power drift (%)	1.120000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1



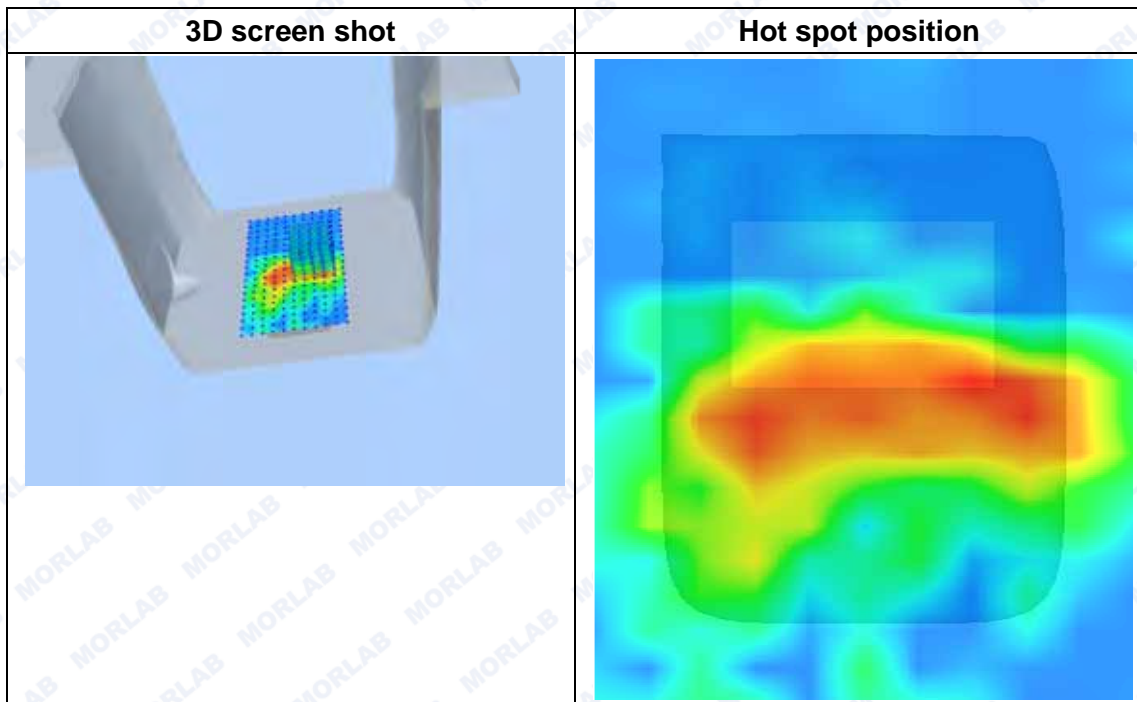
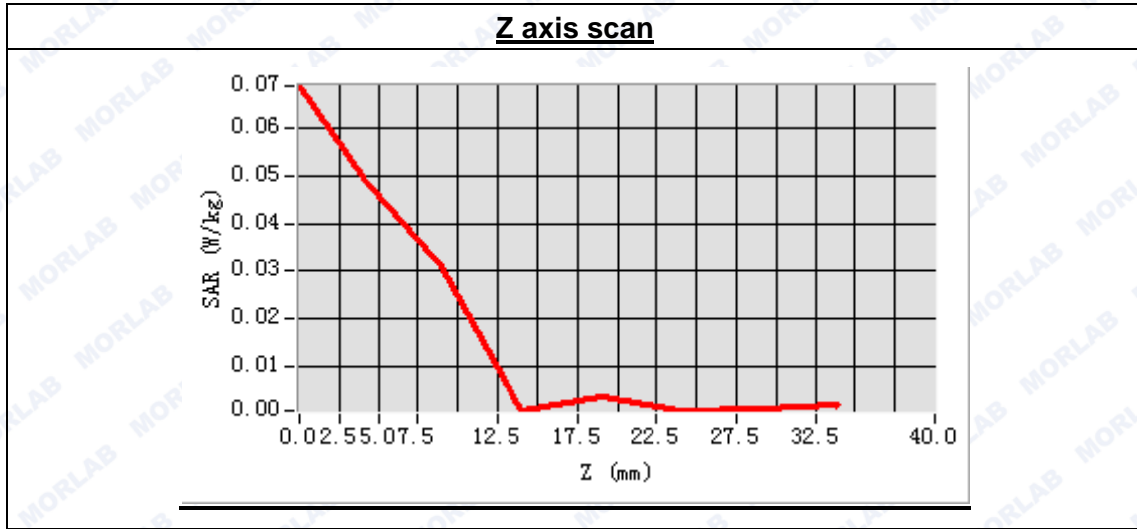


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Maximum location: X=17.00, Y=-1.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.067462
SAR 1g (W/Kg)	0.133872





**MEASUREMENT 92**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
Date of measurement: 2015.10.17  
Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

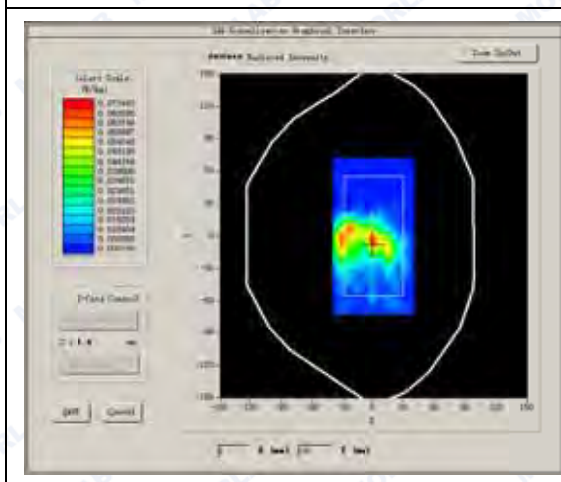
<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	Body
<b>Band</b>	802.11b
<b>Channels</b>	Low
<b>Signal</b>	DSSS

**B. SAR Measurement Results**

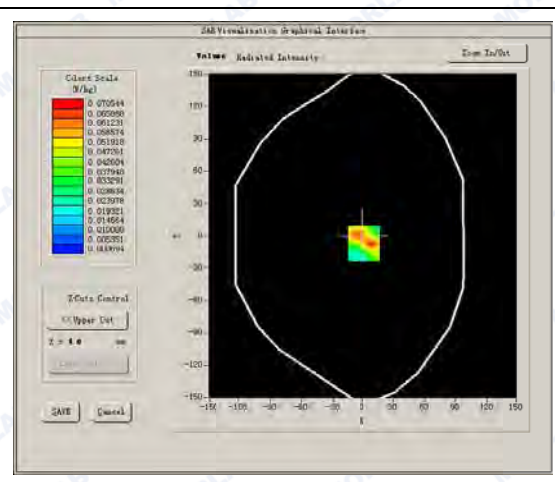
Low Band SAR (Channel 1):

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.520397
<b>Conductivity (S/m)</b>	1.938859
<b>Power drift (%)</b>	1.120000
<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**

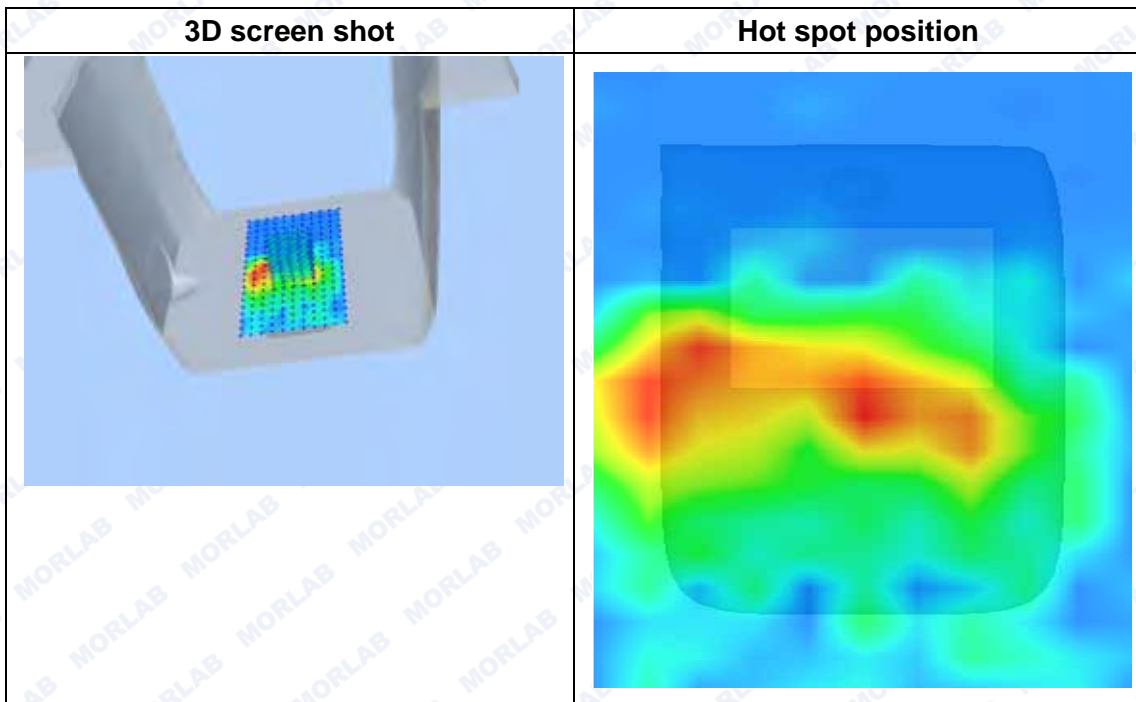
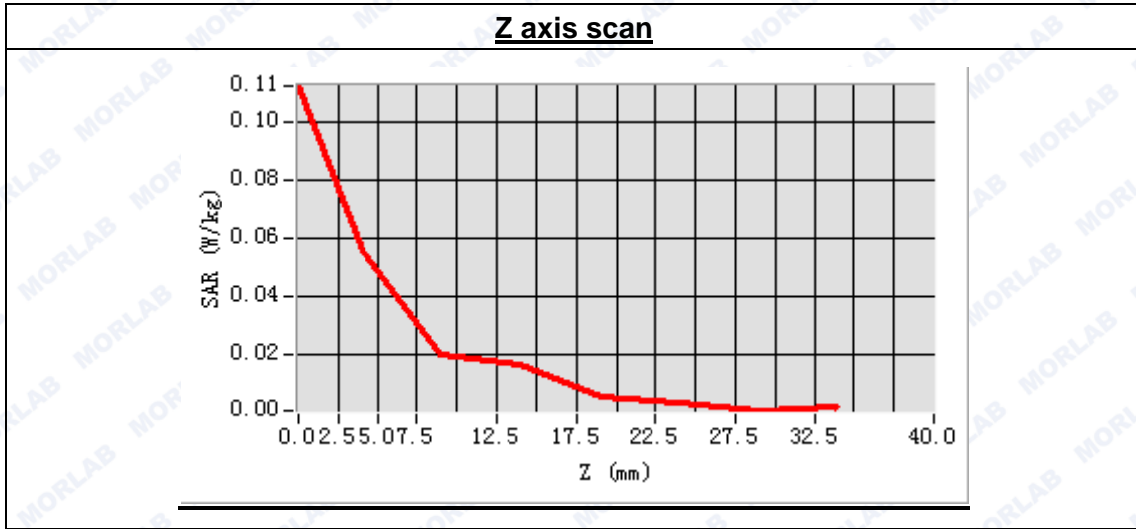




Maximum location: X=1.00, Y=-7.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.028775
SAR 1g (W/Kg)	0.084061







**MEASUREMENT 93**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

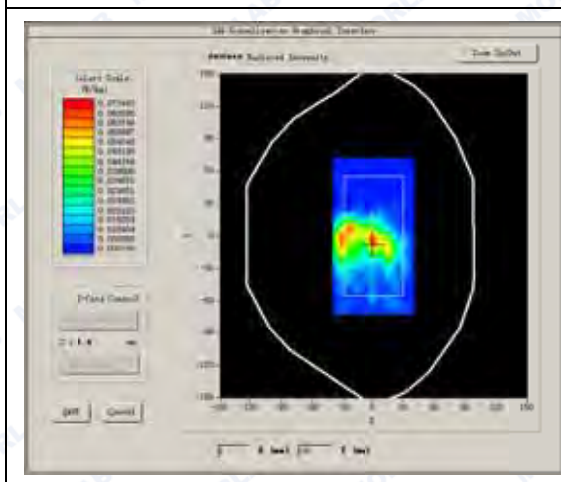
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

**B. SAR Measurement Results**

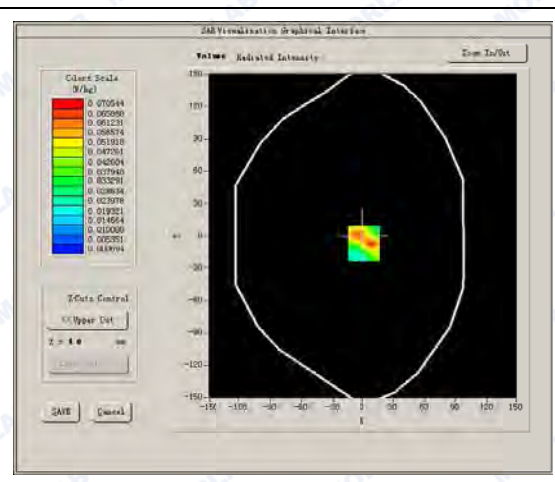
Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.938859
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**

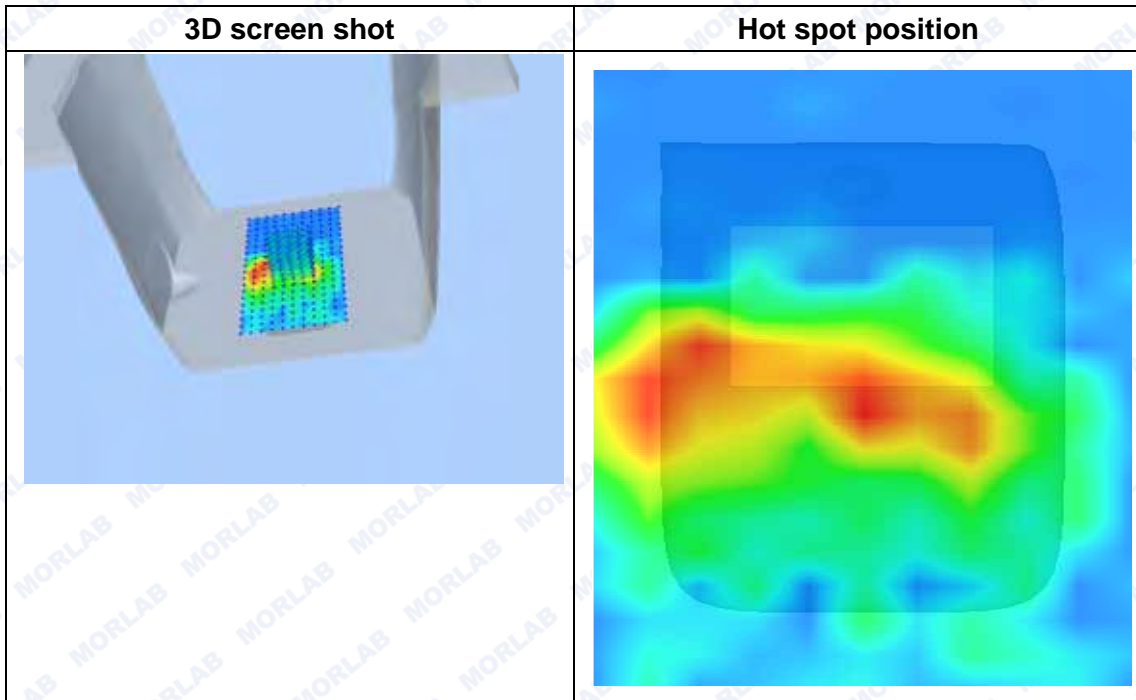
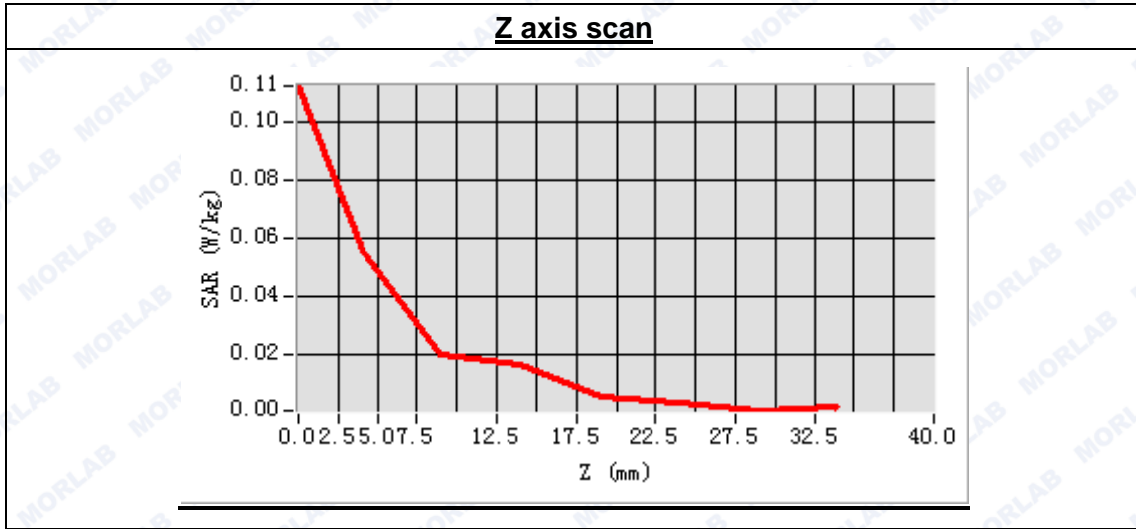




Maximum location: X=1.00, Y=-7.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.038775
SAR 1g (W/Kg)	0.109406





**MEASUREMENT 94**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

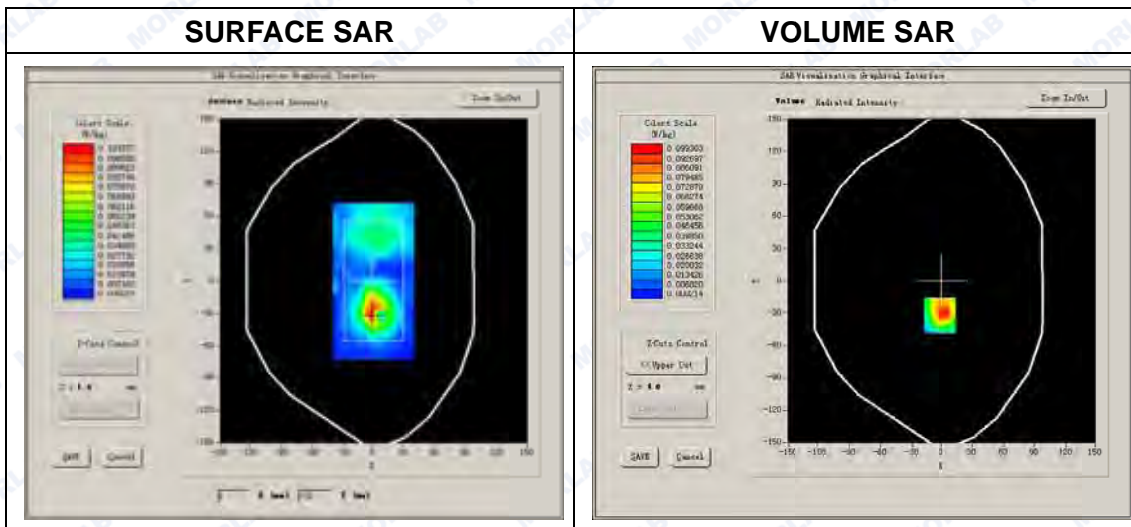
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.520397
<b>Conductivity (S/m)</b>	1.938859
<b>Power drift (%)</b>	0.820000
<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

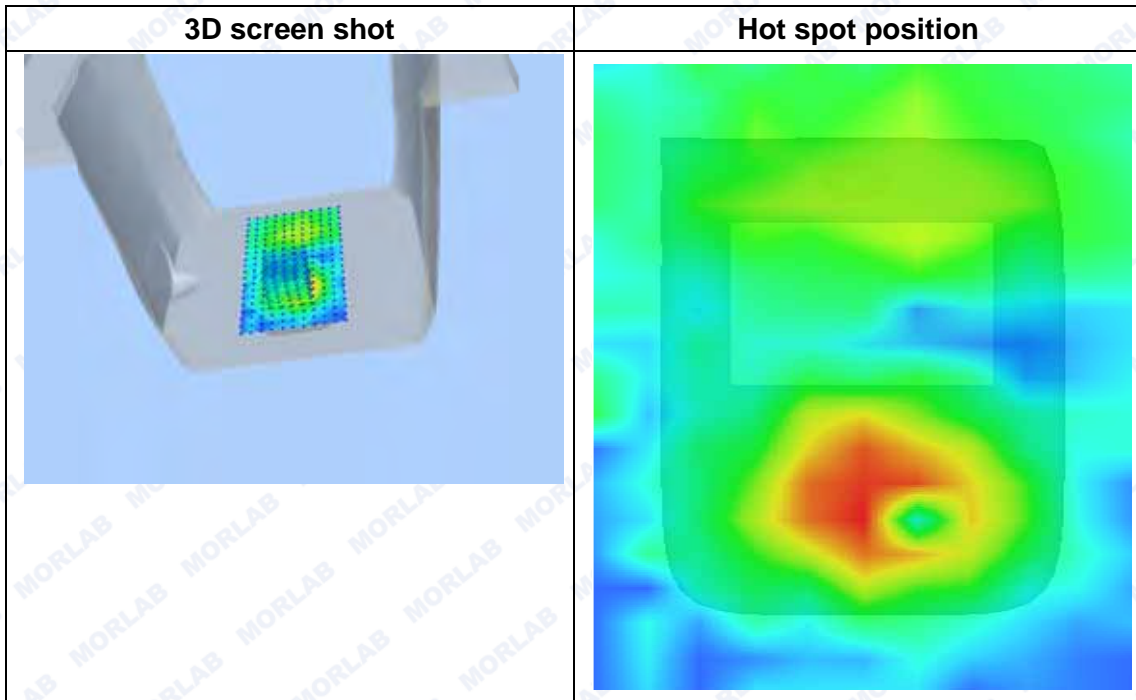
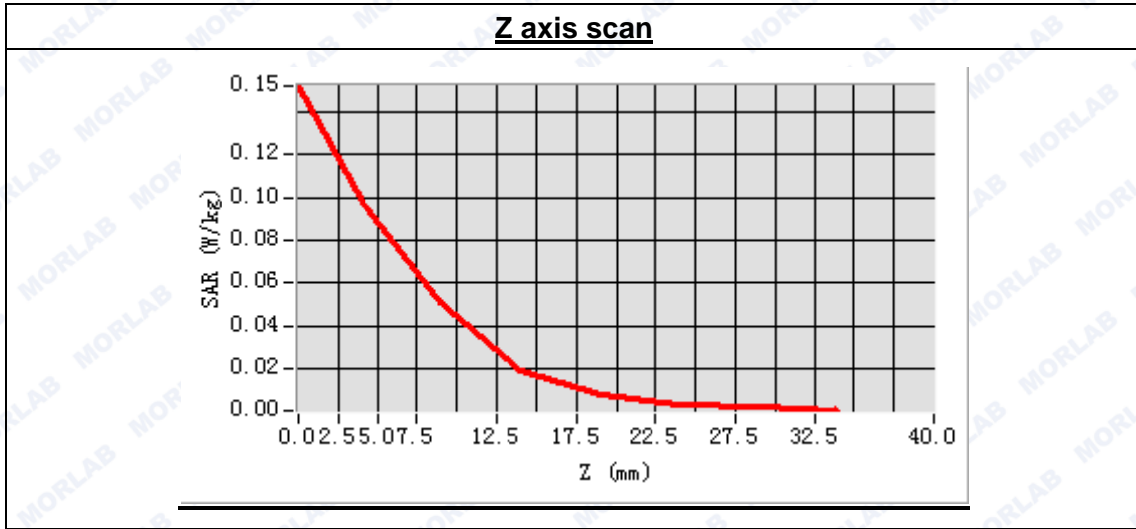




Maximum location: X=-2.00, Y=-32.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.066505
SAR 1g (W/Kg)	0.120728



**MEASUREMENT 95**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.10.17

Measurement duration: 9 minutes 31 seconds

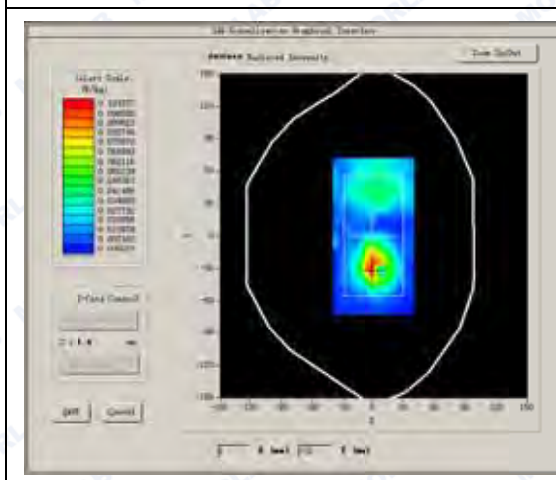
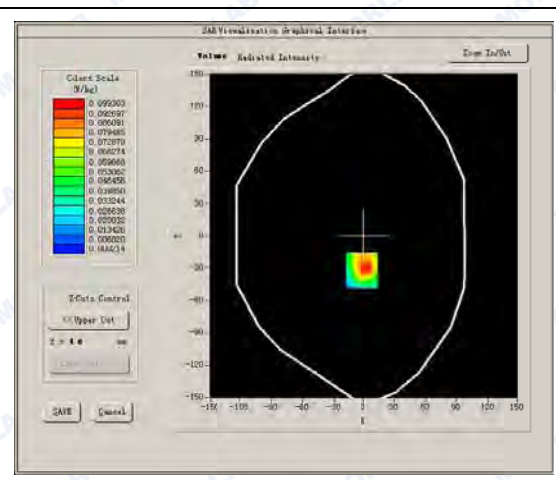
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.938859
Power drift (%)	0.820000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

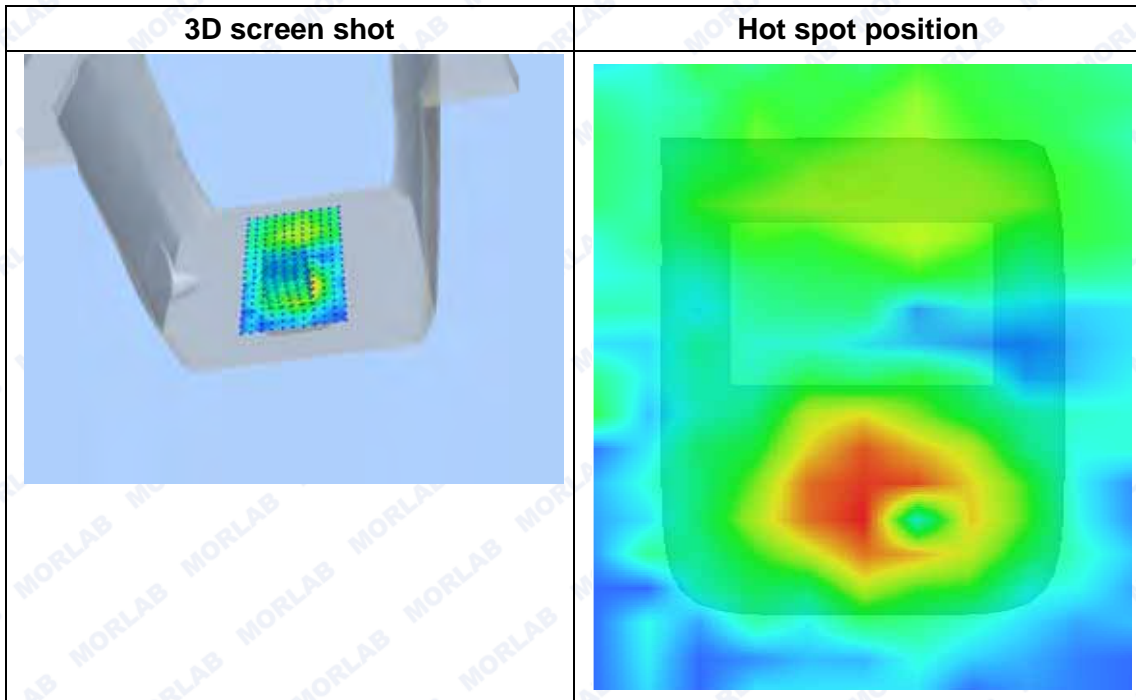
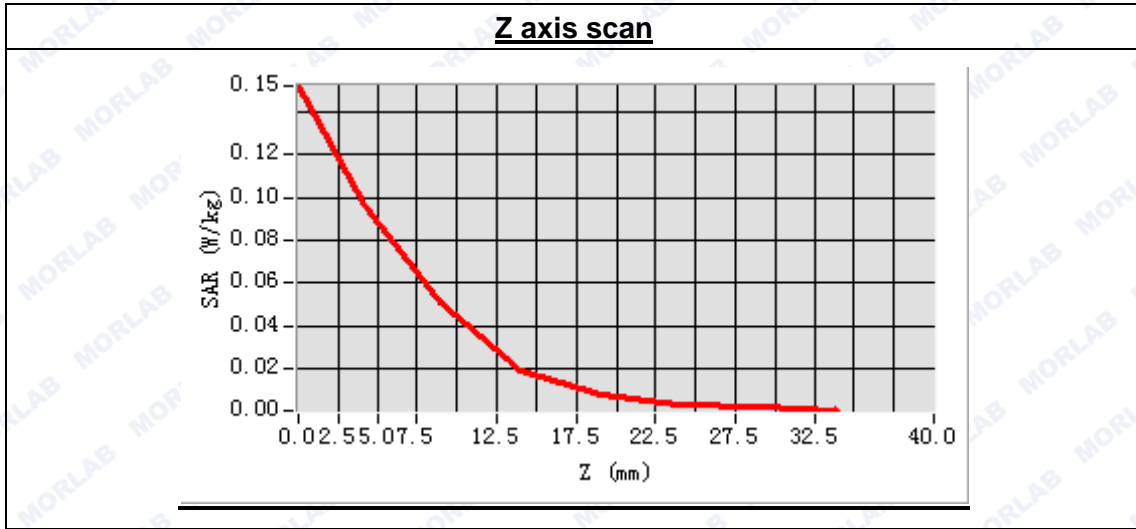
**SURFACE SAR****VOLUME SAR**



Maximum location: X=-2.00, Y=-32.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.066505
SAR 1g (W/Kg)	0.103728





**MEASUREMENT 96**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
Date of measurement: 2015.10.17  
Measurement duration: 9 minutes 31 seconds

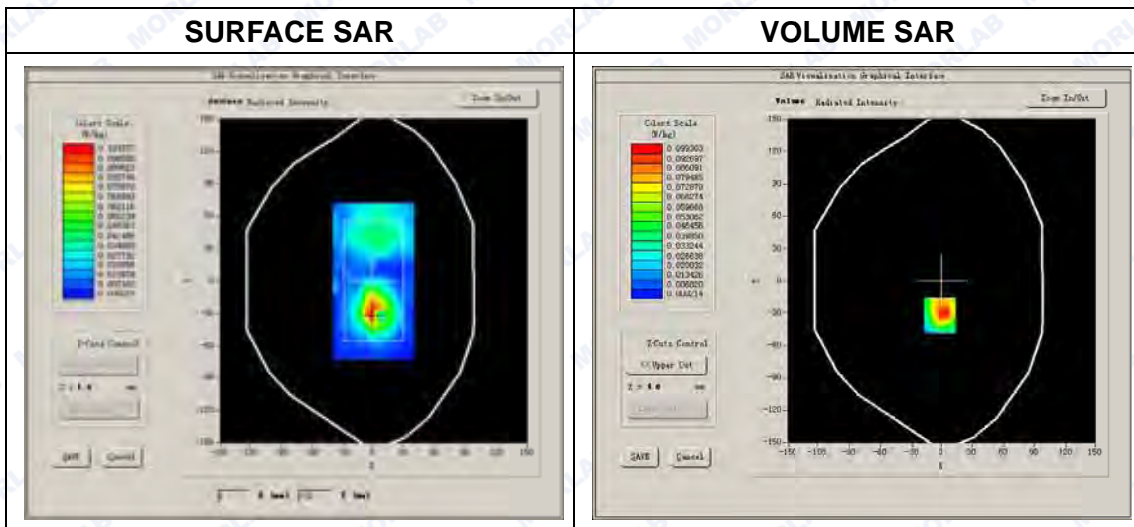
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	802.11b
Channels	Low
Signal	DSSS

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.938859
Power drift (%)	0.820000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

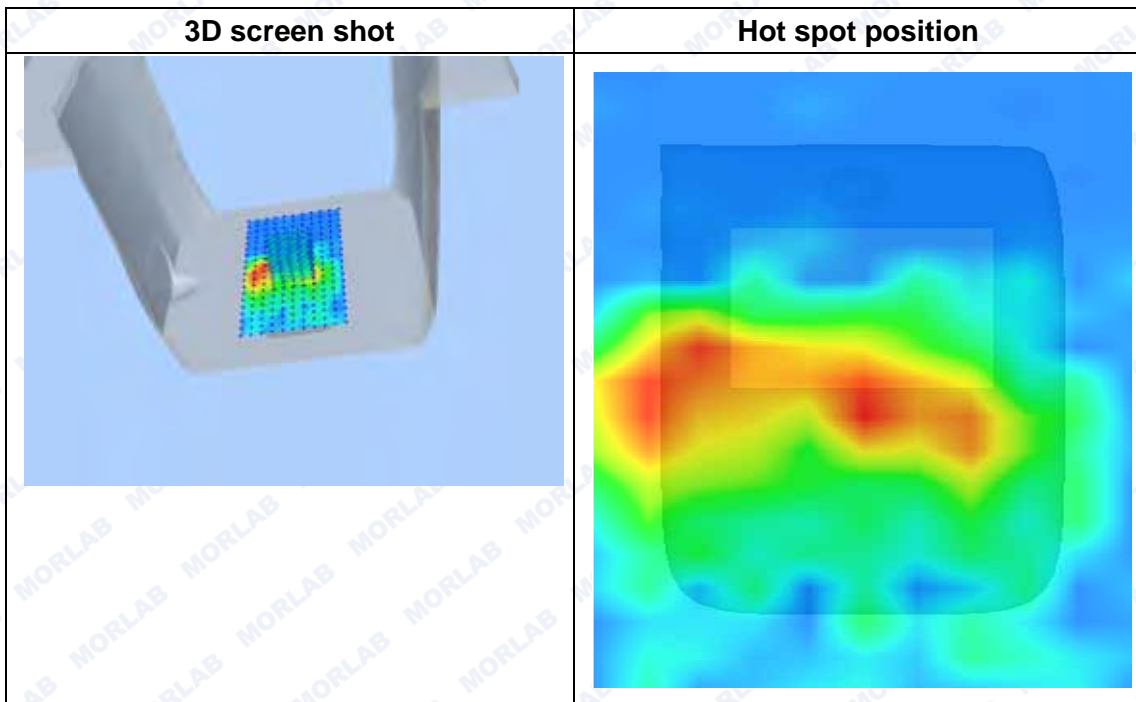
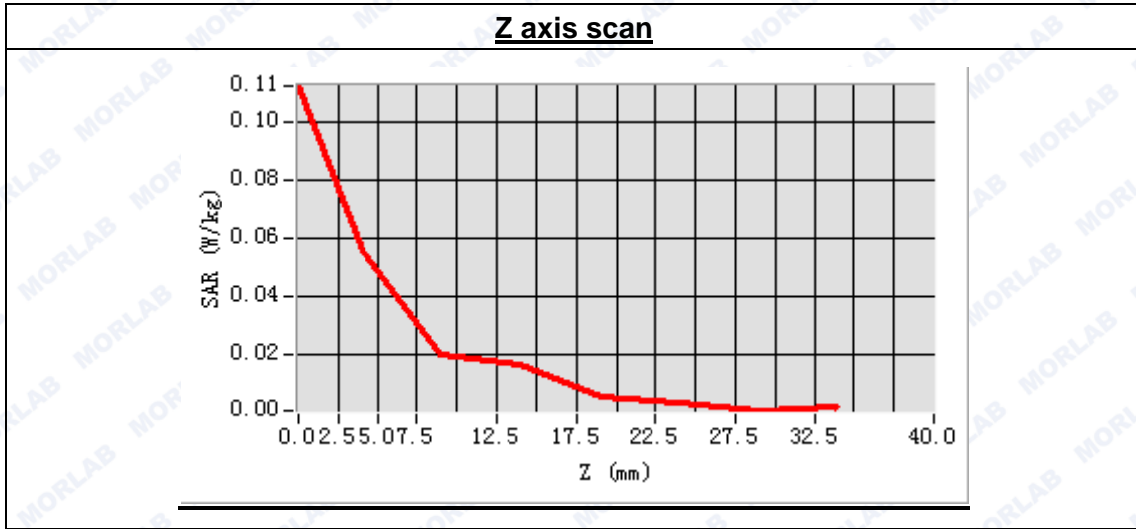




Maximum location: X=-2.00, Y=-32.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.038775
SAR 1g (W/Kg)	0.068406







**MEASUREMENT 98**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

**A. Experimental conditions.**

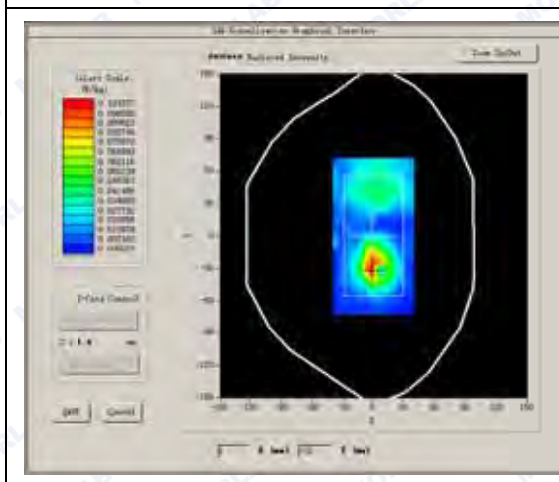
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	802.11n
Channels	Low
Signal	OFDM

**B. SAR Measurement Results**

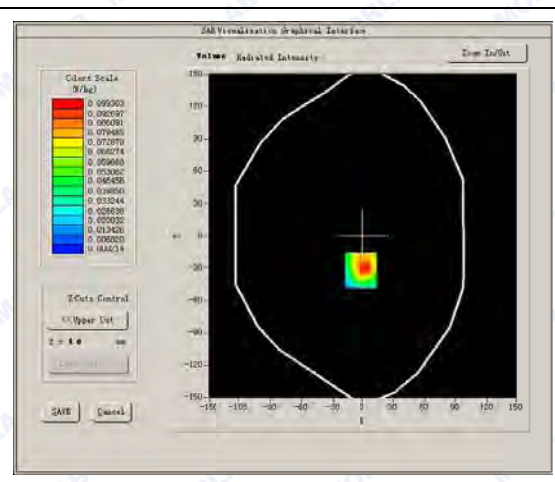
Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.938859
Power drift (%)	0.820000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

**SURFACE SAR**



**VOLUME SAR**

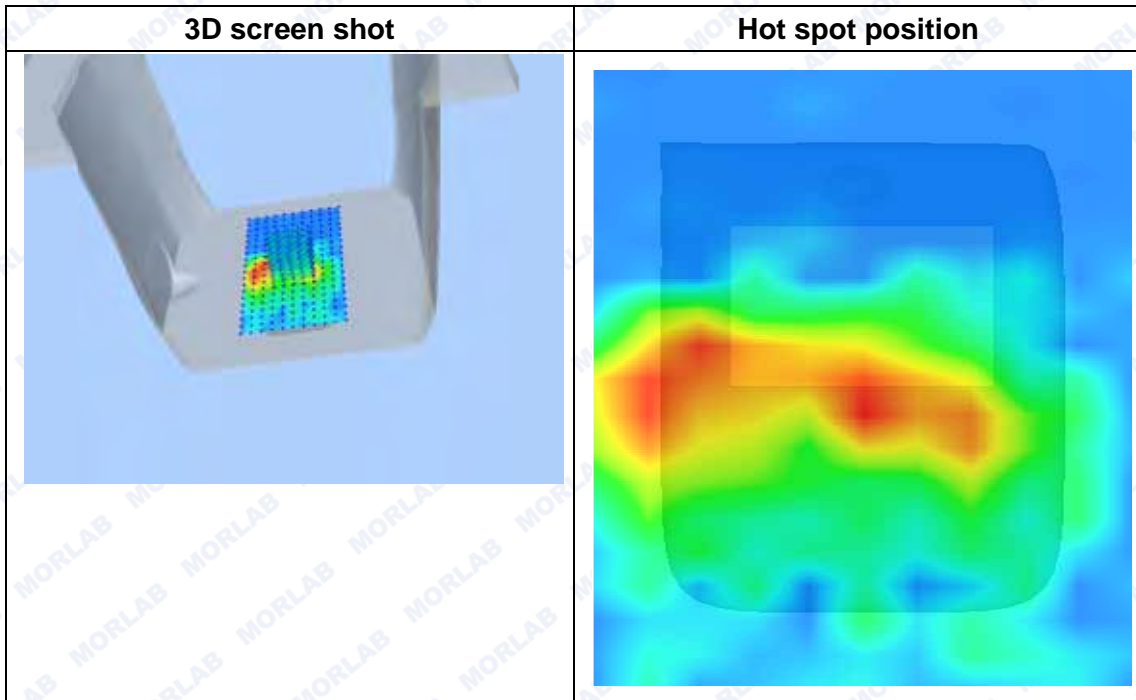
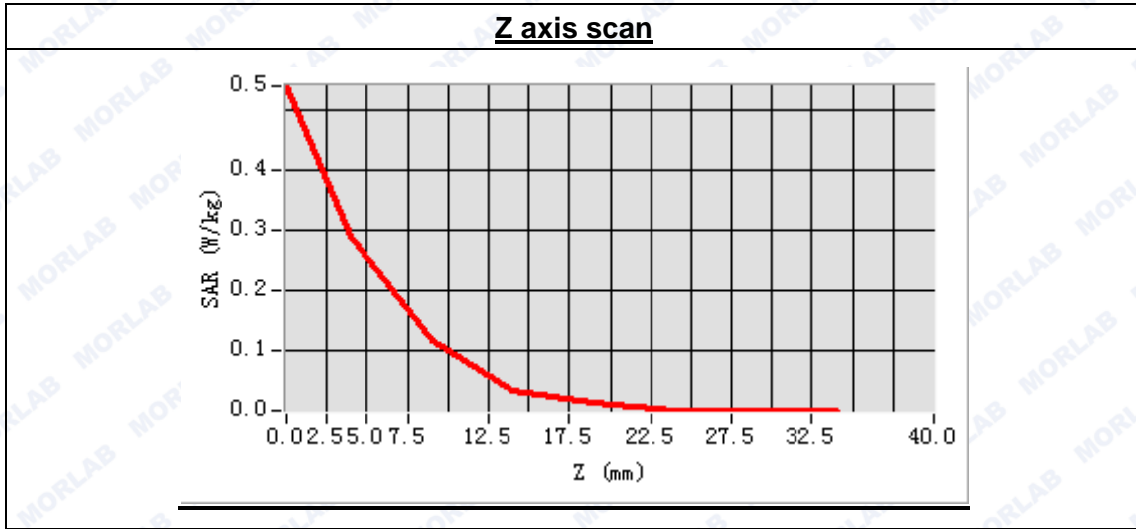




Maximum location: X=-15.00, Y=24.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.104387
SAR 1g (W/Kg)	0.208061





**MEASUREMENT 99**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

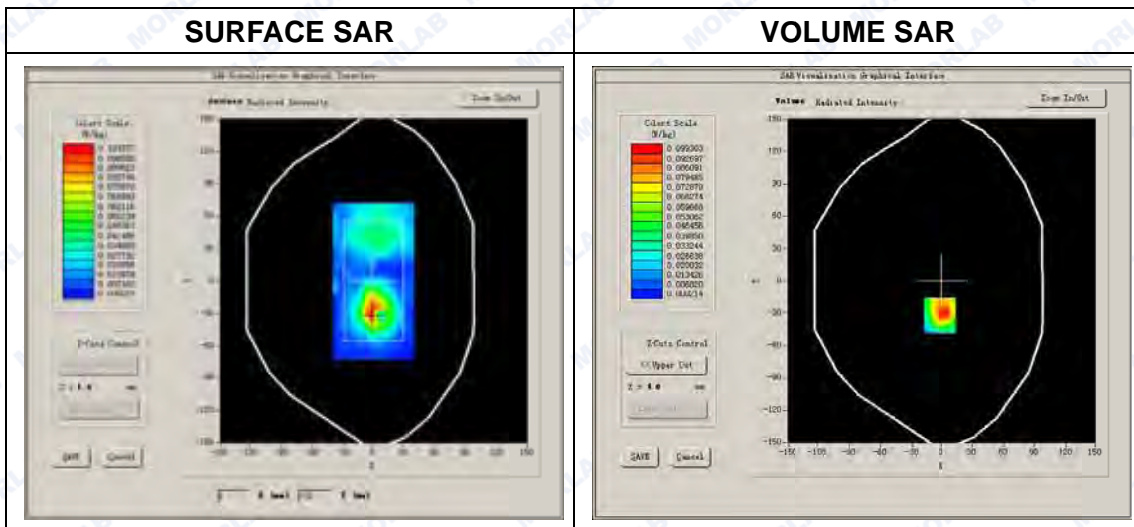
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.520397
<b>Conductivity (S/m)</b>	1.938859
<b>Power drift (%)</b>	0.820000
<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

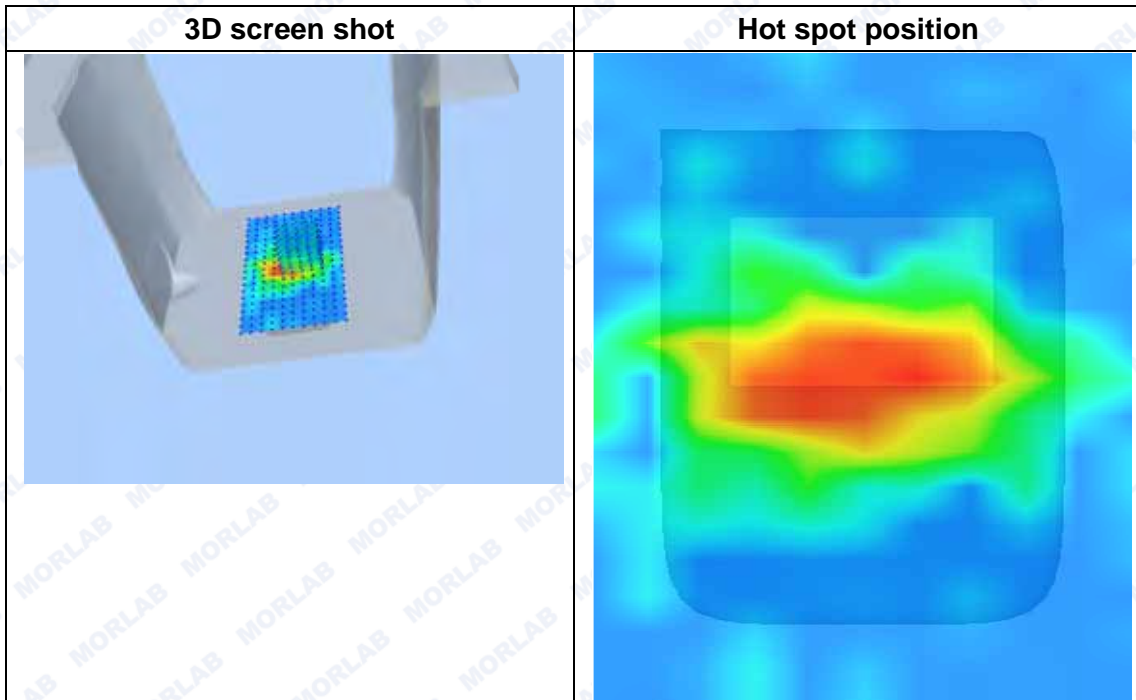
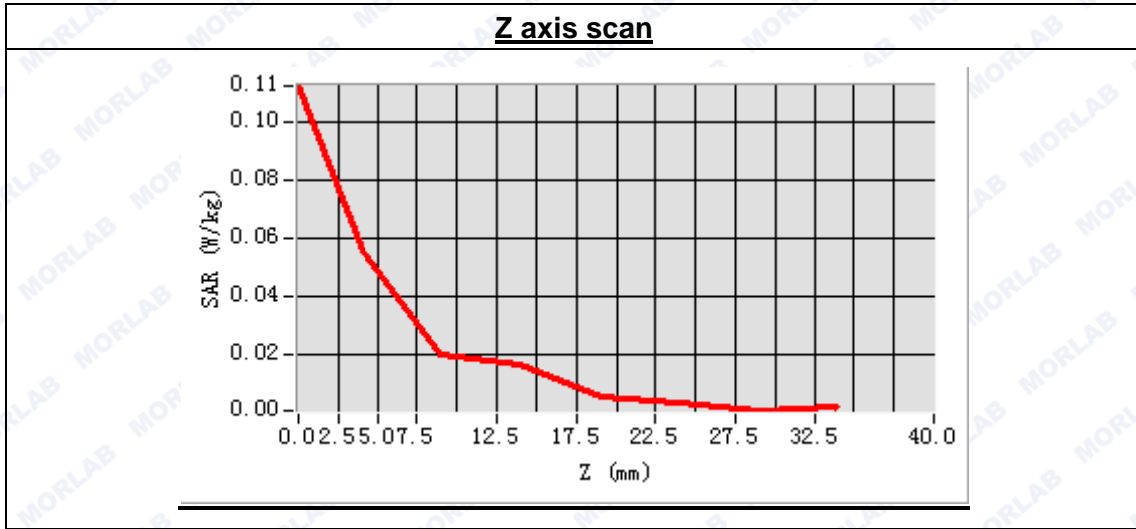




Maximum location: X=-2.00, Y=-32.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.048775
SAR 1g (W/Kg)	0.161406





**MEASUREMENT 100**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2015.10.17  
 Measurement duration: 9 minutes 31 seconds

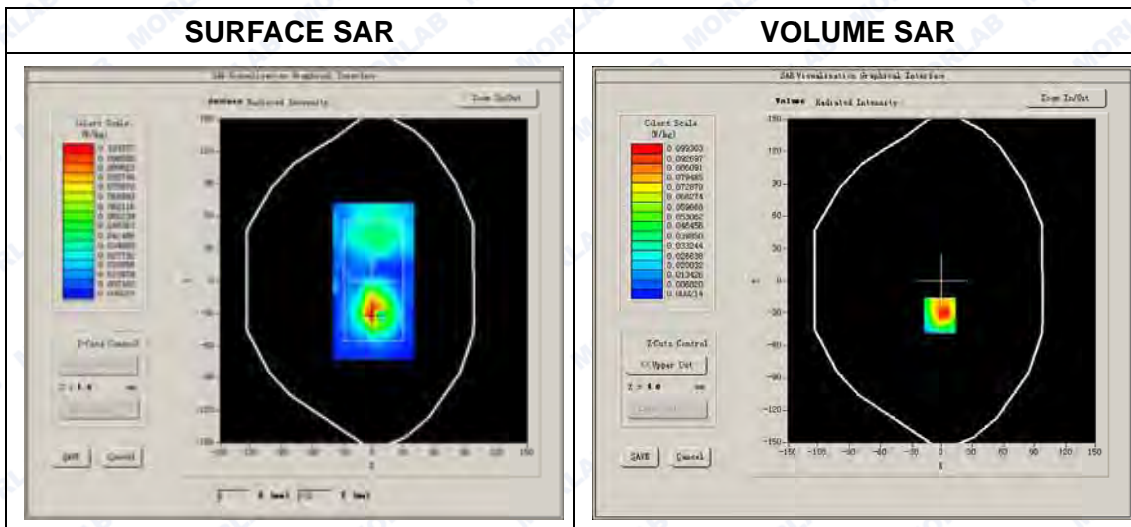
**A. Experimental conditions.**

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

**B. SAR Measurement Results**

Low Band SAR (Channel 1):

<b>Frequency (MHz)</b>	2412.000000
<b>Relative permittivity (real part)</b>	52.520397
<b>Conductivity (S/m)</b>	1.938859
<b>Power drift (%)</b>	0.820000
<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=-2.00, Y=-32.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.048775
SAR 1g (W/Kg)	0.109406

