



**System Performance Check Data(Head)**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
Date of measurement: 2016.03.16  
Measurement duration: 13 minutes 33 seconds

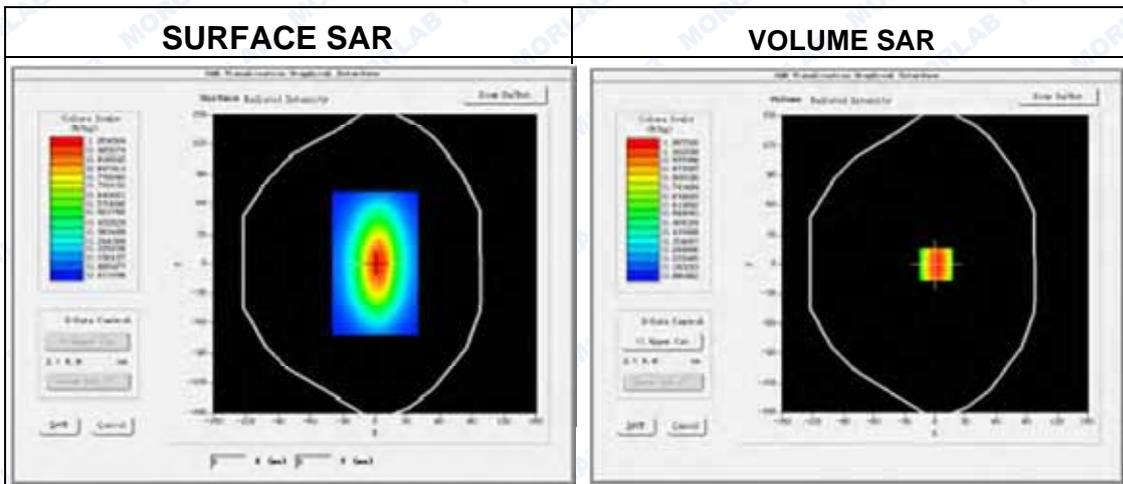
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	750MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

Band SAR

Frequency (MHz)	750.000000
Relative permittivity (real part)	41.202542
Conductivity (S/m)	0.912542
Power drift (%)	1.300000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1





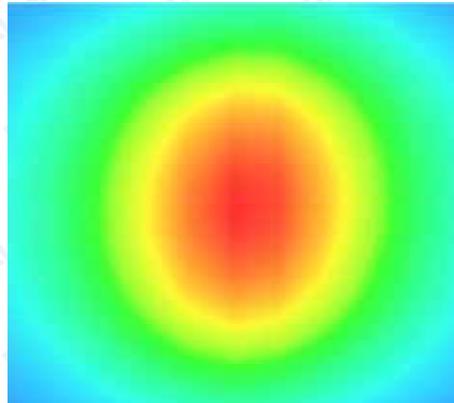
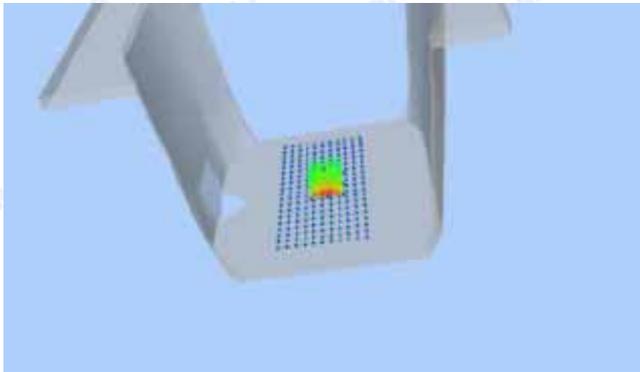
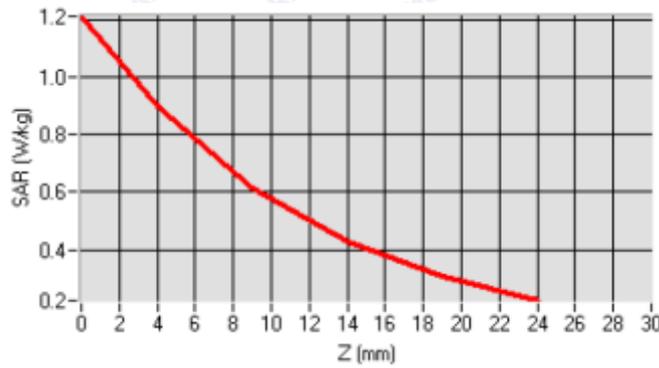
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.545327
SAR 1g (W/Kg)	0.837246

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	1.27421	0.84683	0.56210	0.49031	0.30346	0.24201	0.10420





**System Performance Check Data(Body)**

Type: Phone measurement (Complete)  
Area scan resolution: dx=8mm,dy=8mm  
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
Date of measurement: 2016.03.16  
Measurement duration: 13 minutes 33 seconds

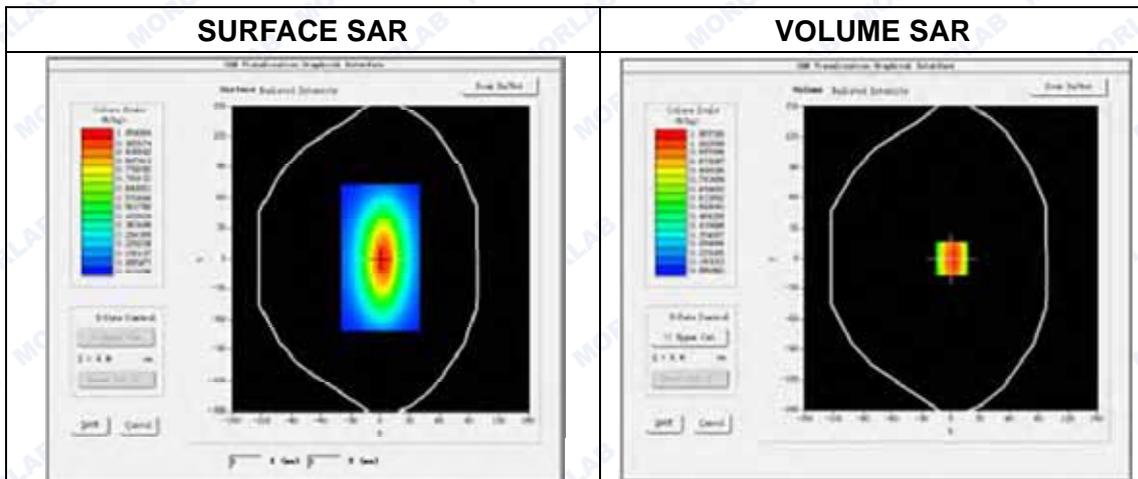
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	750MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

Band SAR

Frequency (MHz)	750.000000
Relative permittivity (real part)	54.481205
Conductivity (S/m)	0.928568
Power drift (%)	-2.100000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1





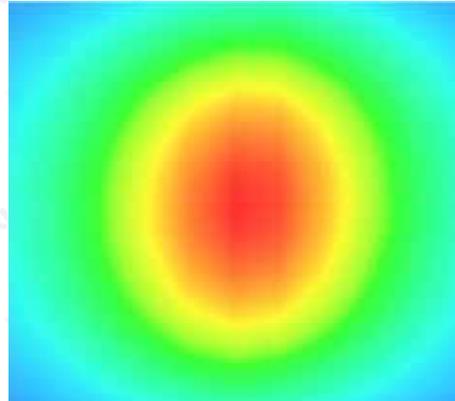
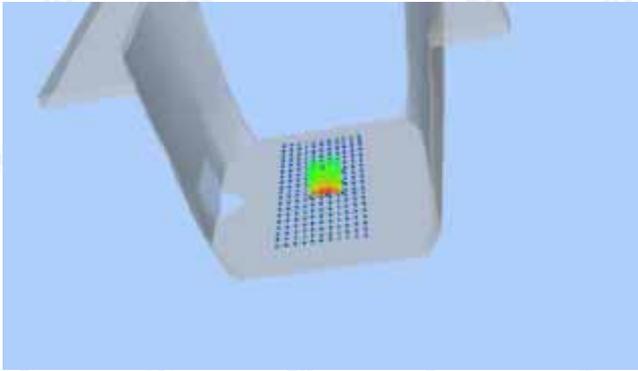
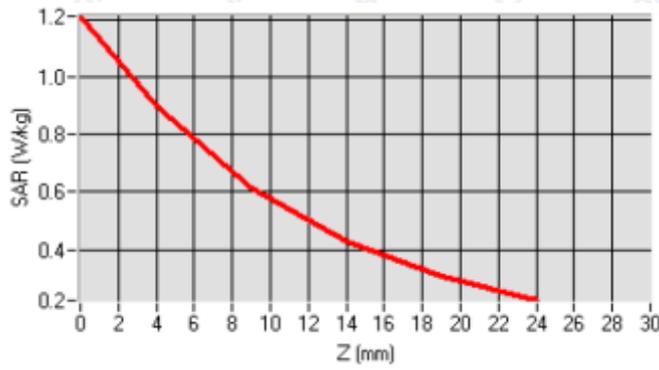
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.525416
SAR 1g (W/Kg)	0.836250

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	1.27421	0.84683	0.56210	0.49031	0.30346	0.24201	0.10420





**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.16

Measurement duration: 13 minutes 30 seconds

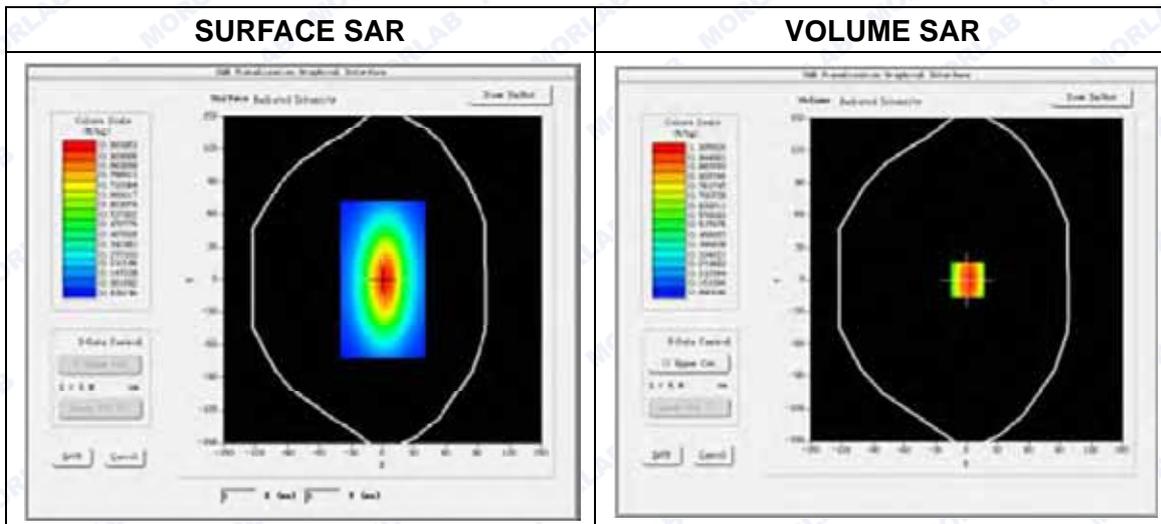
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	835MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

**Band SAR**

Frequency (MHz)	835.000000
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift (%)	-0.810000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1



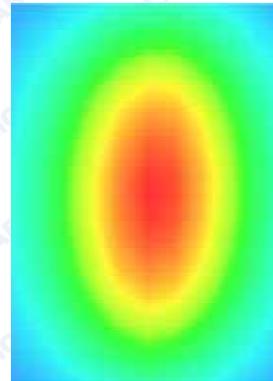
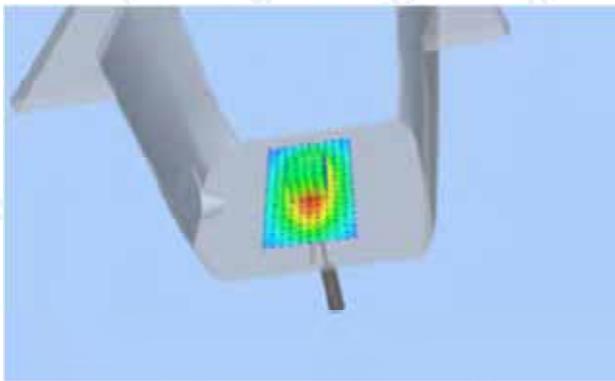
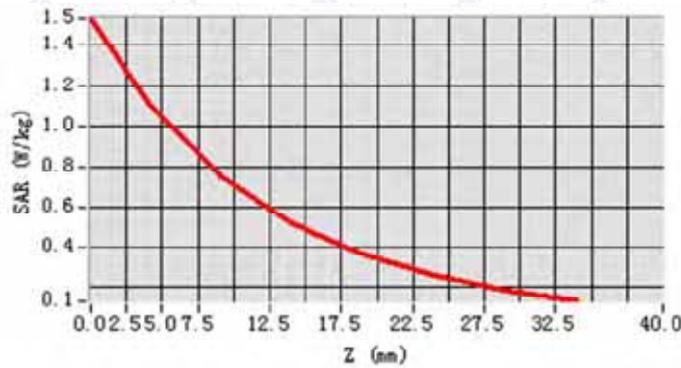


Maximum location: X=1.00, Y=0.00  
SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.593648
SAR 1g (W/Kg)	0.950136

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	1.4921	1.2304	0.7527	0.5312	0.3902	0.2461	0.1805





**System Performance Check Data(Body)**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2016.03.16  
 Measurement duration: 13 minutes 30 seconds

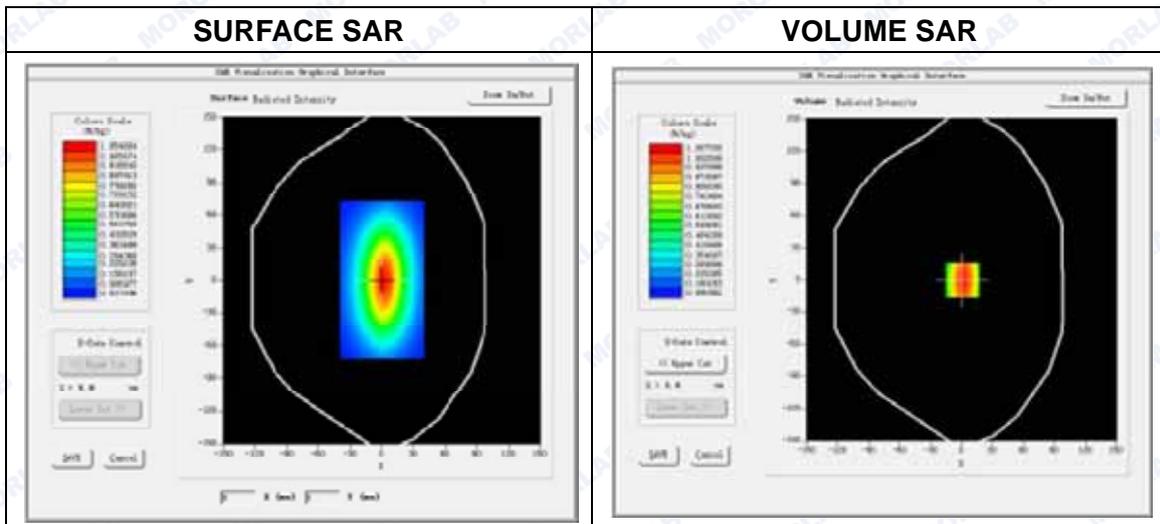
**A. Experimental conditions.**

<b>Phantom File</b>	surf_sam_plan.txt
<b>Phantom</b>	Flat Plane
<b>Device Position</b>	
<b>Band</b>	835MHz
<b>Channels</b>	
<b>Signal</b>	CW

**B. SAR Measurement Results**

**Band SAR**

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	55.693058
<b>Conductivity (S/m)</b>	0.970859
<b>Power drift (%)</b>	-0.810000
<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



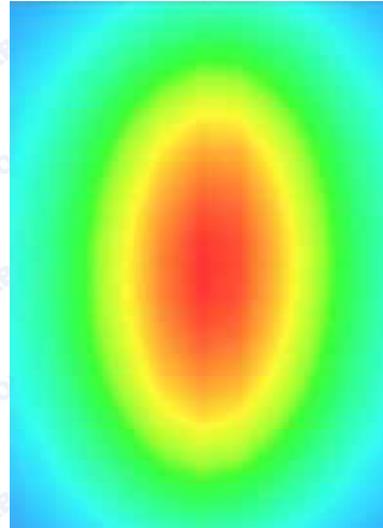
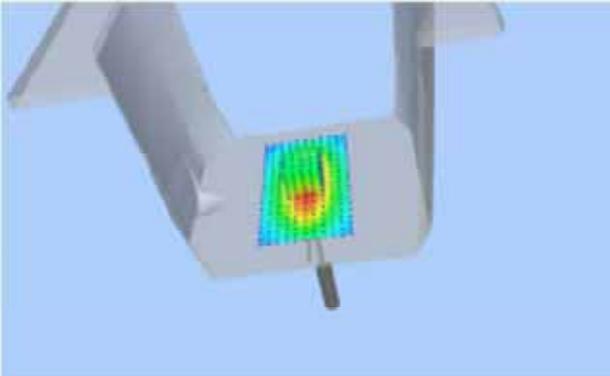
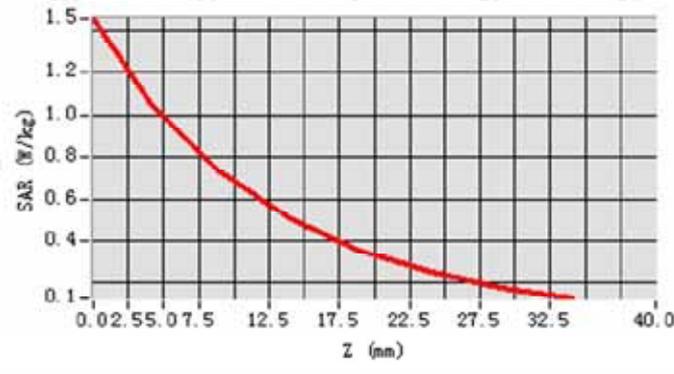


Maximum location: X=7.00, Y=-1.00

SAR 10g (W/Kg)	0.607038
SAR 1g (W/Kg)	0.986224

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	1.5216	1.2714	0.7630	0.5421	0.4112	0.2518	0.1912





**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.17

Measurement duration: 13 minutes 31 seconds

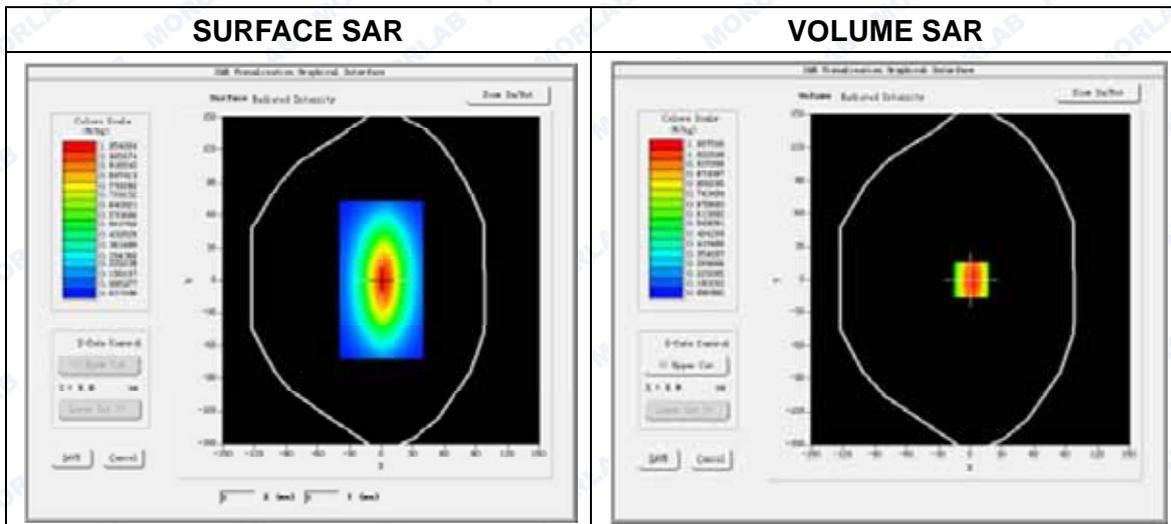
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	1750MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

**Band SAR**

Frequency (MHz)	1750.000000
Relative permittivity (real part)	40.201420
Conductivity (S/m)	1.308491
Power drift (%)	-1..390000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.51
Crest factor:	1:1



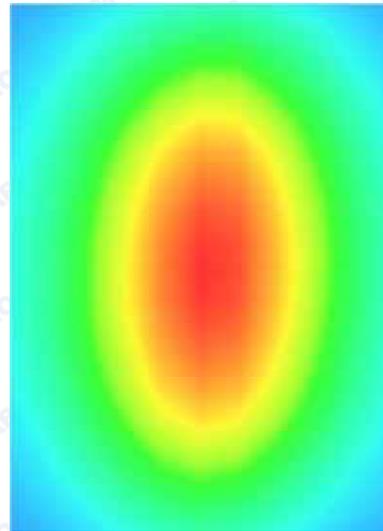
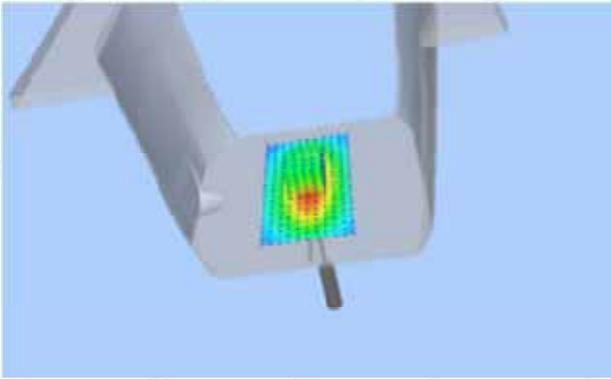
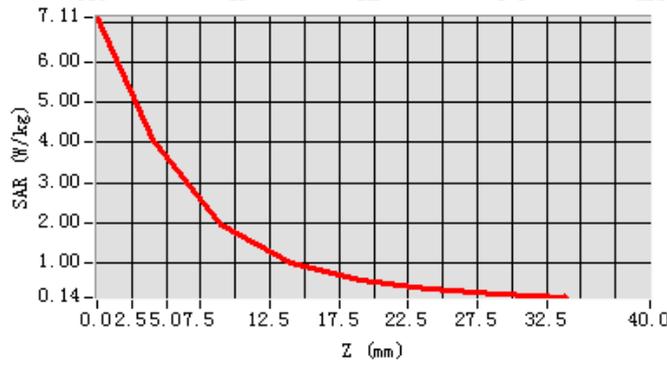


Maximum location: X=7.00, Y=-1.00

SAR 10g (W/Kg)	1.970247
SAR 1g (W/Kg)	3.810154

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	7.1146	4.0782	1.9352	1.0130	0.5642	0.3334	0.2079



**System Performance Check Data(Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.17

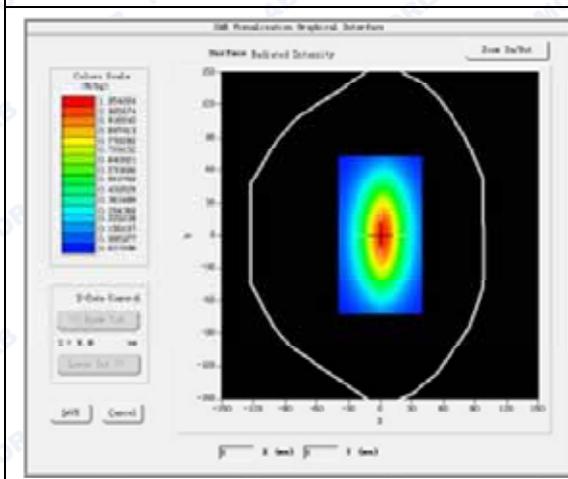
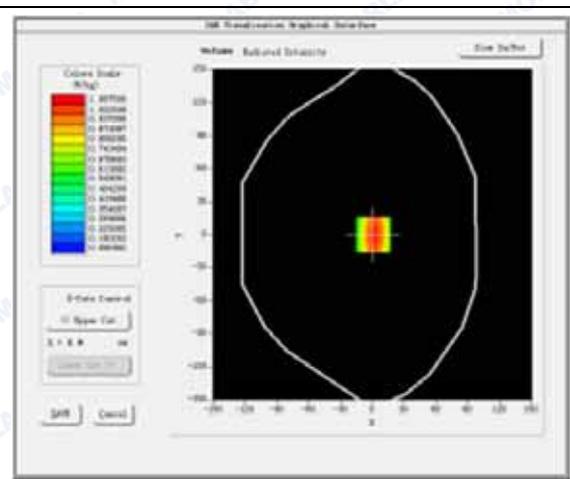
Measurement duration: 13 minutes 31 seconds

**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	1750MHz
Channels	
Signal	CW

**B. SAR Measurement Results****Band SAR**

Frequency (MHz)	1750.000000
Relative permittivity (real part)	53.561513
Conductivity (S/m)	1.468859
Power drift (%)	-0.840000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	5.51
Crest factor:	1:1

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

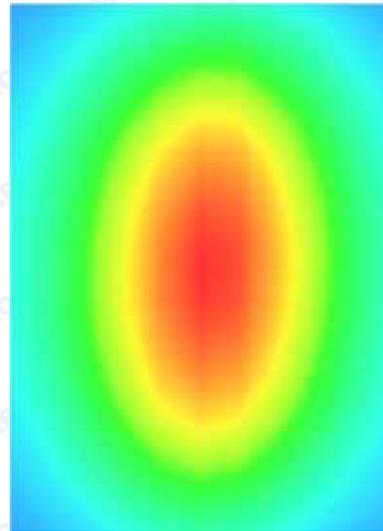
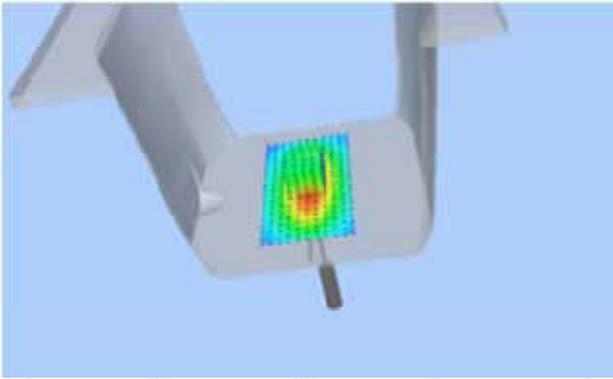
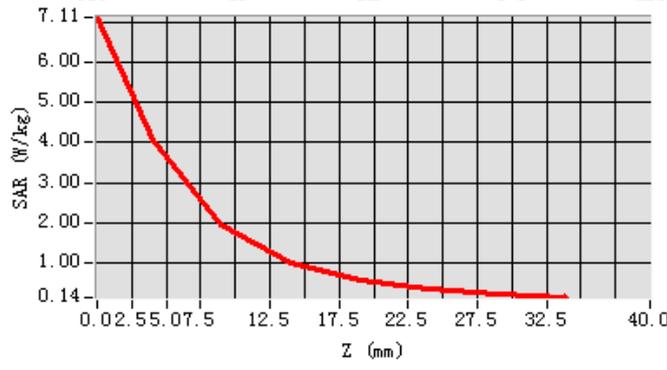


Maximum location: X=7.00, Y=-1.00

SAR 10g (W/Kg)	1.983512
SAR 1g (W/Kg)	3.923515

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	7.1146	4.0782	1.9352	1.0130	0.5642	0.3334	0.2079



**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.17

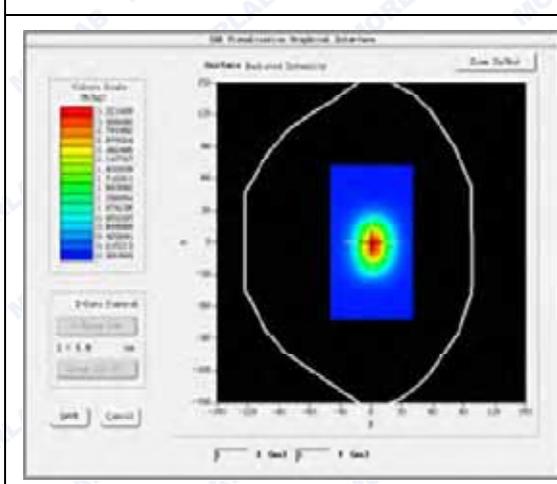
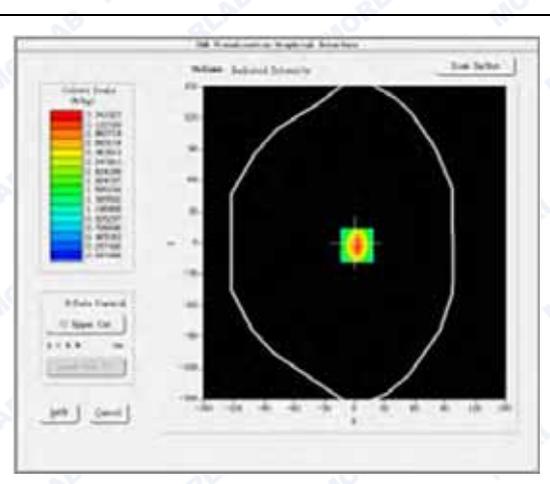
Measurement duration: 13 minutes 26 seconds

**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	1900MHz
Channels	
Signal	CW

**B. SAR Measurement Results****Band SAR**

Frequency (MHz)	1900.000000
Relative permittivity (real part)	39.984068
Conductivity (S/m)	1.409657
Power drift (%)	-1.240000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

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

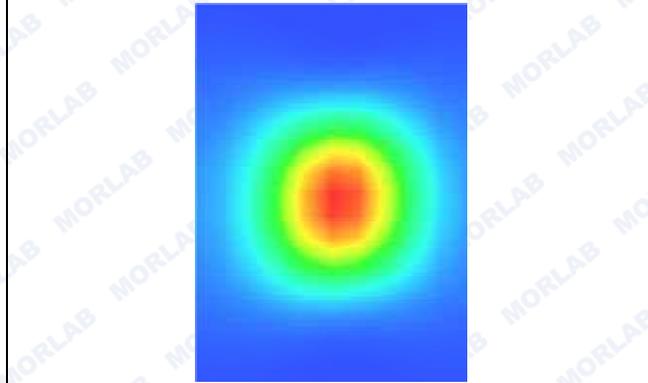
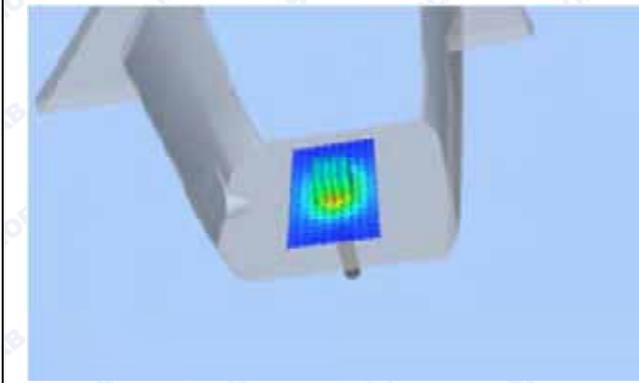
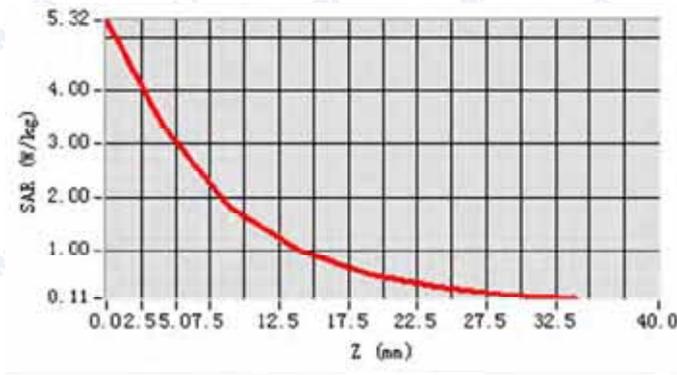


Maximum location: X=2.00, Y=2.00  
SAR Peak: 5.27 W/kg

SAR 10g (W/Kg)	2.300541
SAR 1g (W/Kg)	4.011900

Z Axis Scan

Z (mm)	0	4	9	14	19	24	29
SAR(W/Kg)	5.319	3.3391	1.8271	1.0206	0.5860	0.3351	0.1982





**System Performance Check Data(Body)**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm  
 Date of measurement: 2016.03.17  
 Measurement duration: 13 minutes 26 seconds

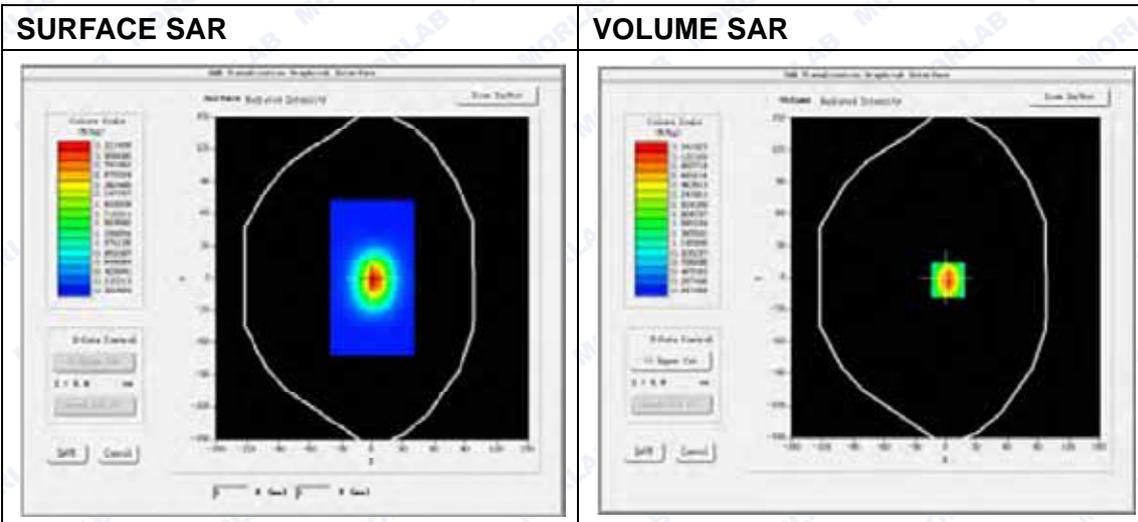
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	1900MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

Band SAR

Frequency (MHz)	1900.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift (%)	-1.240000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

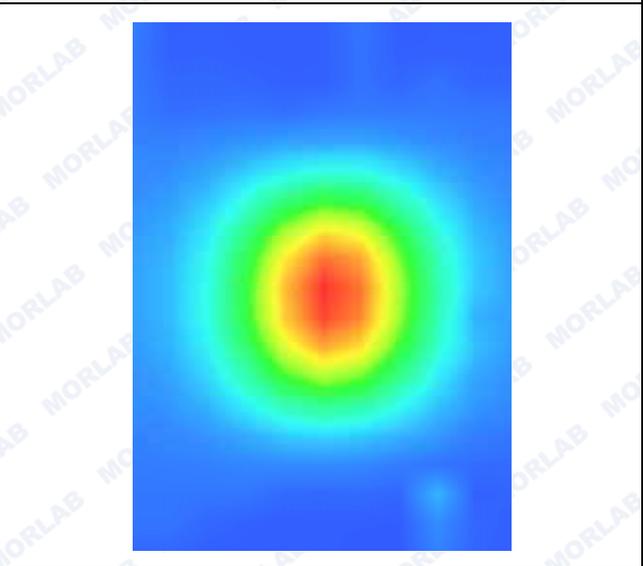
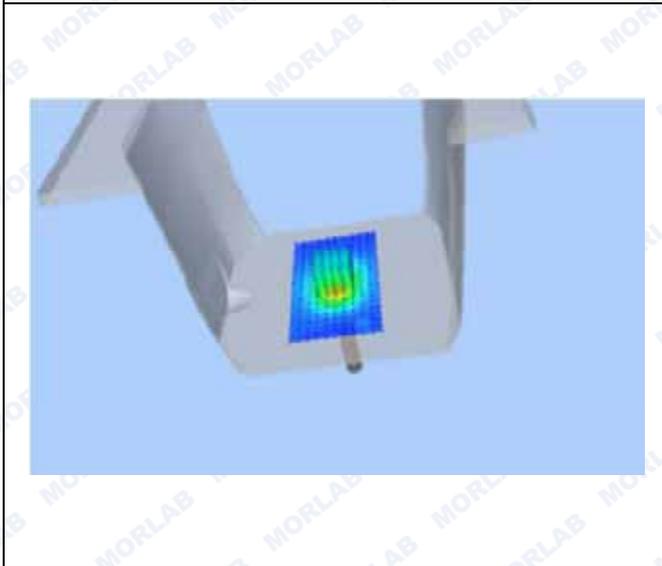
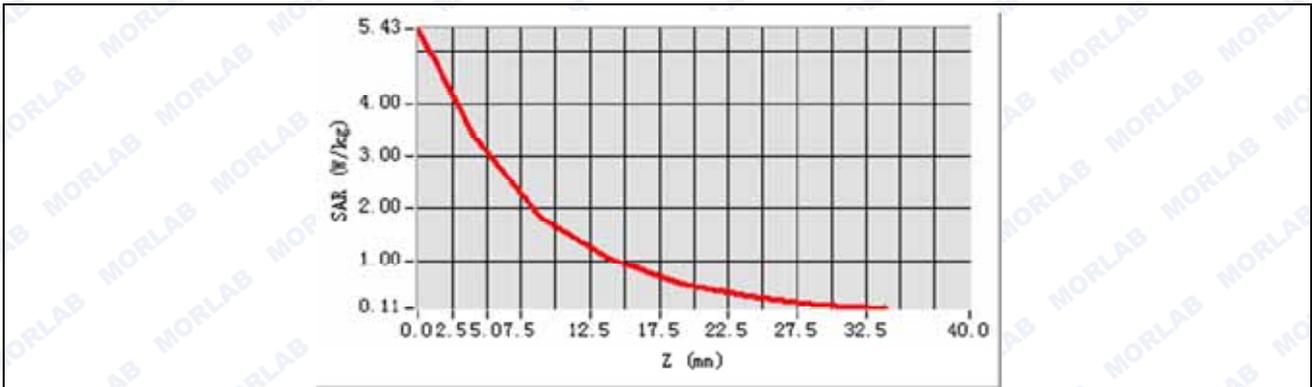




Maximum location: X=2.00, Y=2.00

SAR 10g (W/Kg)	1.980246
SAR 1g (W/Kg)	4.336211

Z Axis Scan





**System Performance Check Data(Head)**

Type: Phone measurement (Complete)  
 Area scan resolution: dx=8mm,dy=8mm  
 Zoom scan resolution: dx=5mm, dy=5mm, dz=5mm  
 Date of measurement: 2016.03.18  
 Measurement duration: 13 minutes 27 seconds

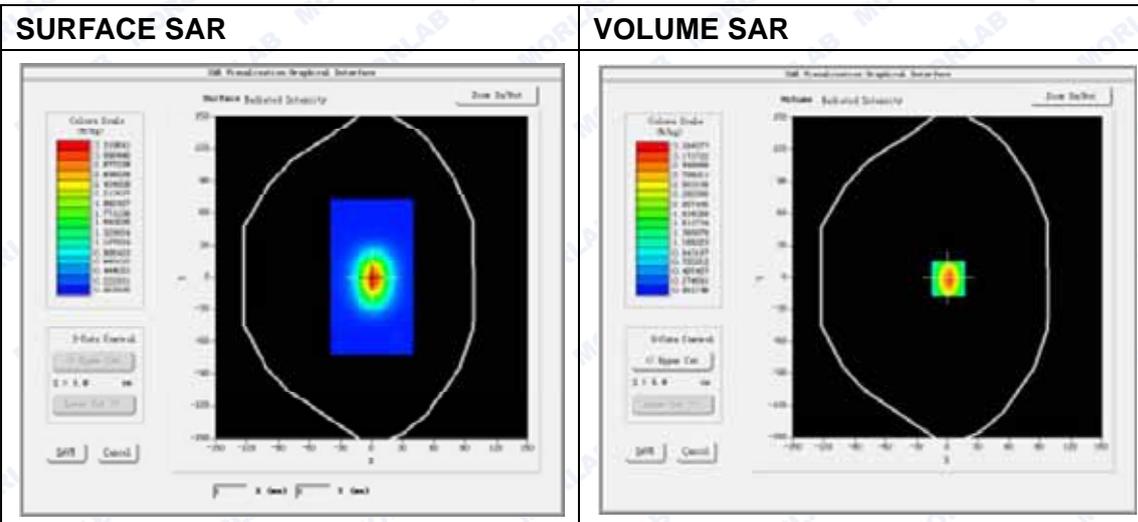
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	
Band	2450MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

**Band SAR**

Frequency (MHz)	2450.000000
Relative permittivity (real part)	39.110854
Conductivity (S/m)	1.790254
Power Drift (%)	0.630000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	4.96
Crest factor:	1:1

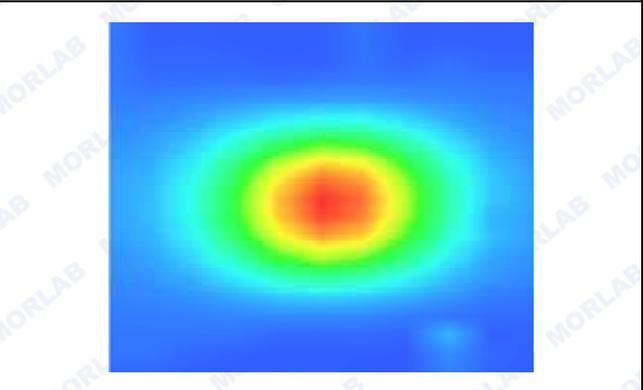
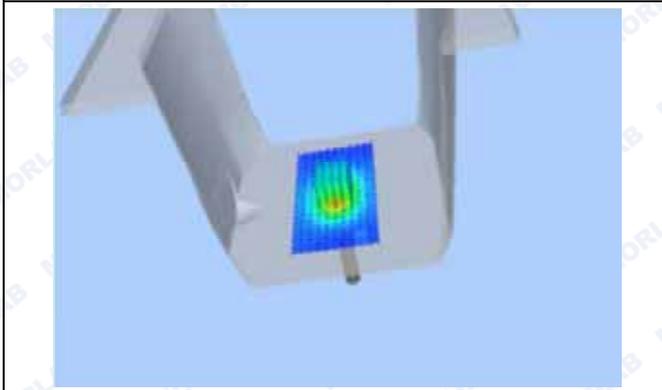
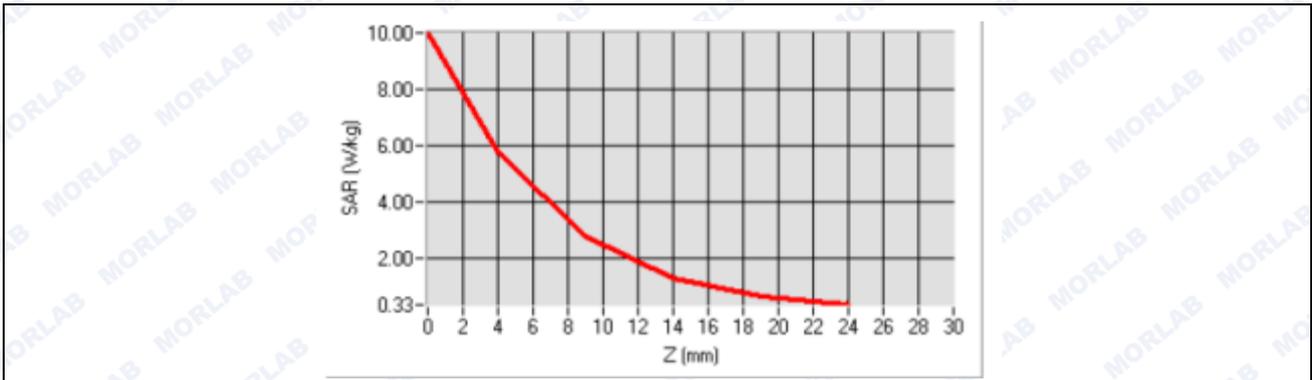




Maximum location: X=7.00, Y=6.00

SAR 10g (W/Kg)	2.556012
SAR 1g (W/Kg)	5.248835

Z Axis Scan



**System Performance Check Data(Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.18

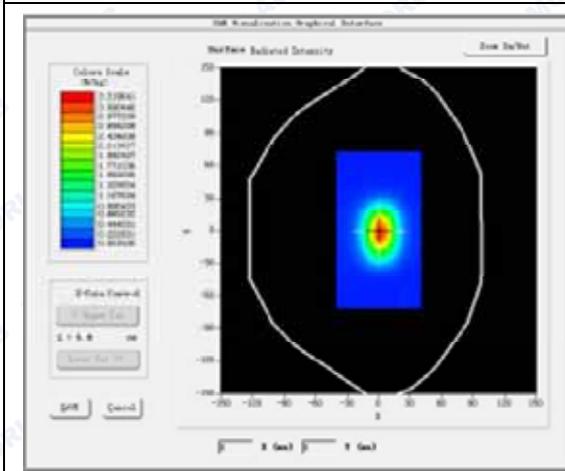
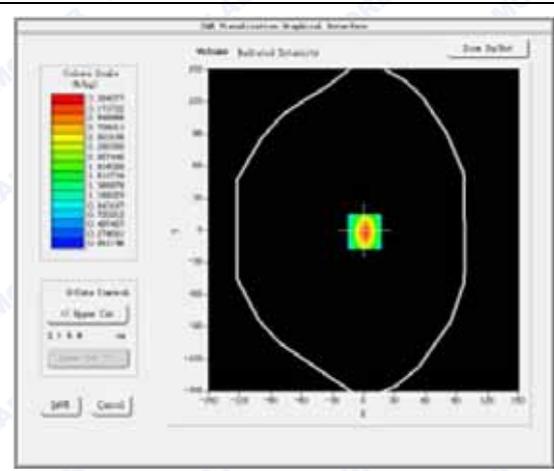
Measurement duration: 13 minutes 27 seconds

**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	
Band	2450MHz
Channels	
Signal	CW

**B. SAR Measurement Results****Band SAR**

Frequency (MHz)	2450.000000
Relative permittivity (real part)	52.520397
Conductivity (S/m)	1.928859
Power Drift (%)	0.630000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	4.96
Crest factor:	1:1

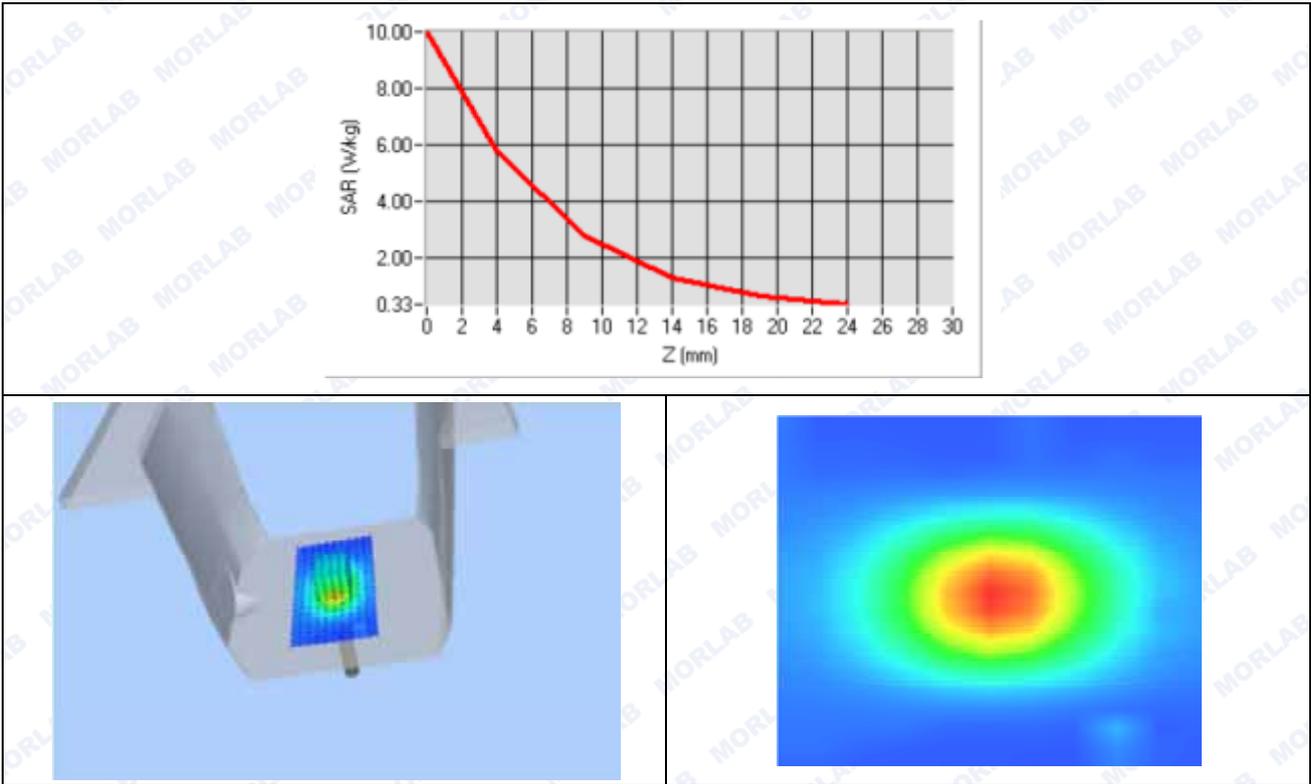
**SURFACE SAR****VOLUME SAR**



Maximum location: X=7.00, Y=6.00

SAR 10g (W/Kg)	2.642158
SAR 1g (W/Kg)	5.439275

Z Axis Scan





**System Performance Check Data(Head)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.18

Measurement duration: 13 minutes 27 seconds

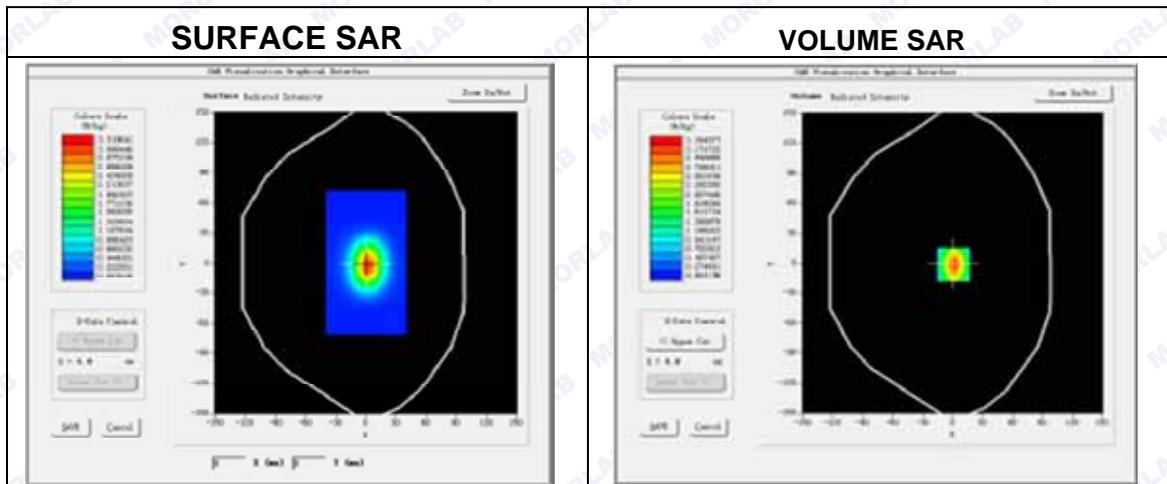
**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	
Band	2600MHz
Channels	
Signal	CW

**B. SAR Measurement Results**

Band SAR

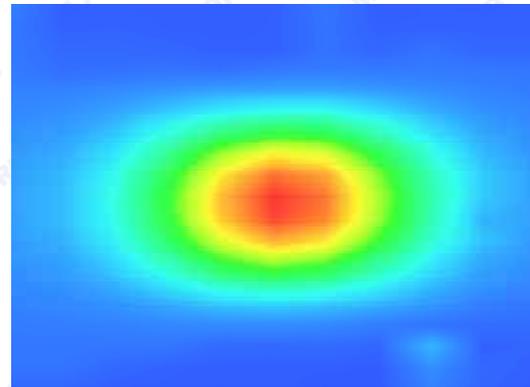
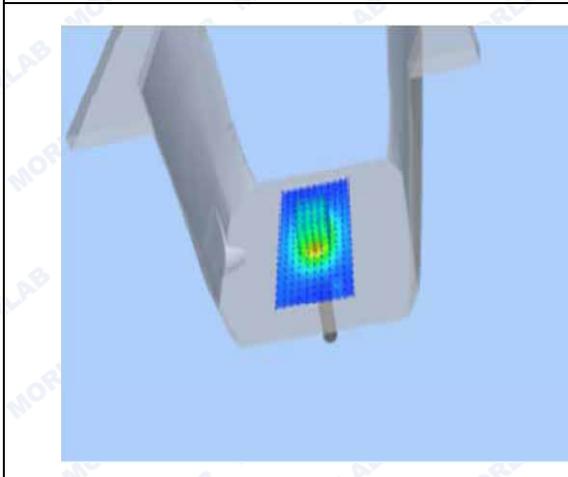
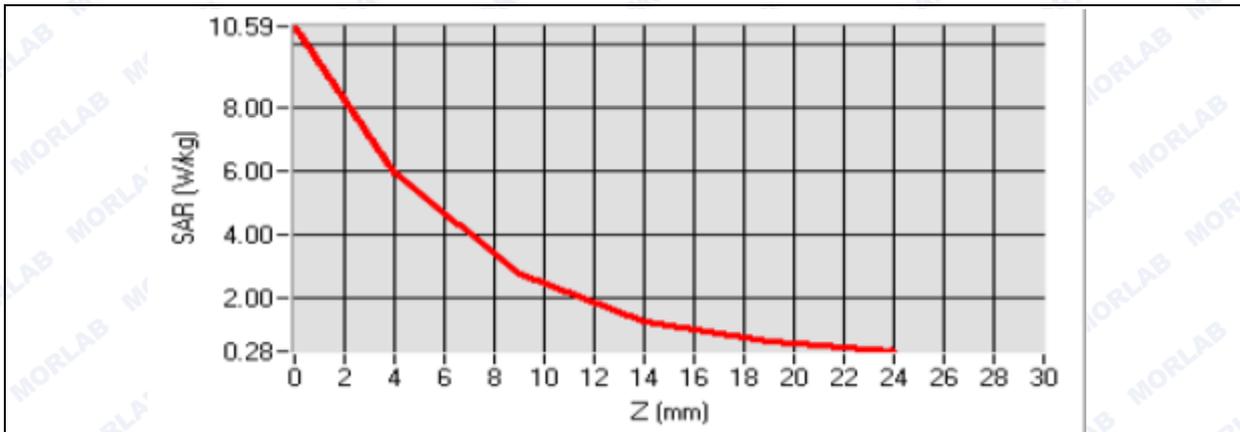
Frequency (MHz)	2600.000000
Relative permittivity (real part)	38.525512
Conductivity (S/m)	1.923858
Power Drift (%)	0.520000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	4.96
Crest factor:	1:1



Maximum location: X=3.00, Y=1.00

SAR 10g (W/Kg)	2.468341
SAR 1g (W/Kg)	5.452358

### Z Axis Scan



**System Performance Check Data(Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2016.03.18

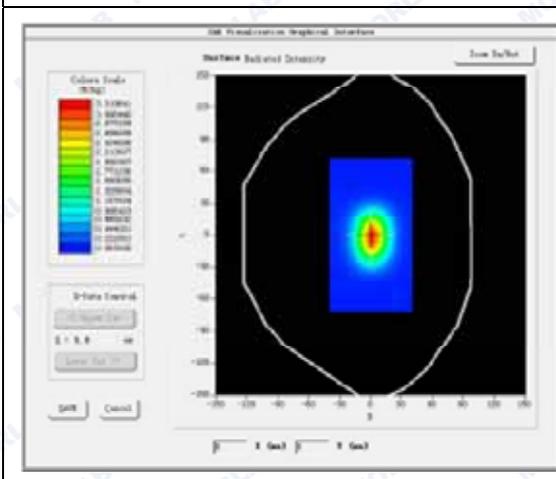
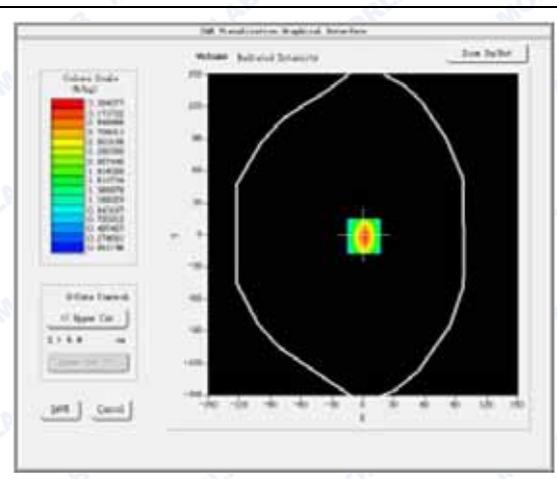
Measurement duration: 13 minutes 27 seconds

**A. Experimental conditions.**

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	
Band	2600MHz
Channels	
Signal	CW

**B. SAR Measurement Results****Band SAR**

Frequency (MHz)	2600.000000
Relative permittivity (real part)	52.451438
Conductivity (S/m)	2.104408
Power Drift (%)	0.520000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	4.96
Crest factor:	1:1

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



Maximum location: X=3.00, Y=1.00

SAR 10g (W/Kg)	2.540518
SAR 1g (W/Kg)	5.460112

Z Axis Scan

