



REPORT No. : SZ15080014S01

**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: 2015.08.26

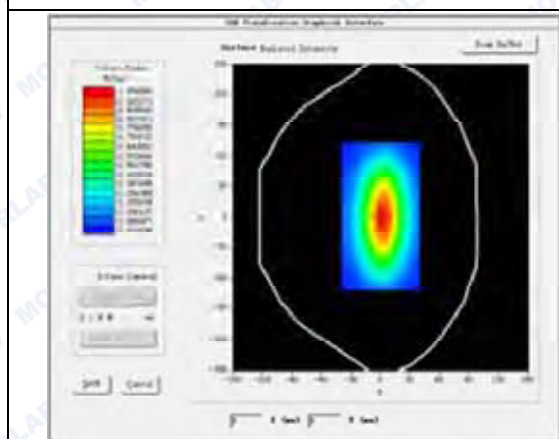
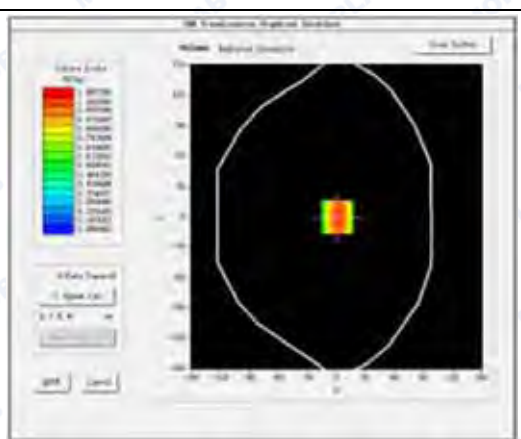
Measurement duration: 13 minutes 33 seconds

**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

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



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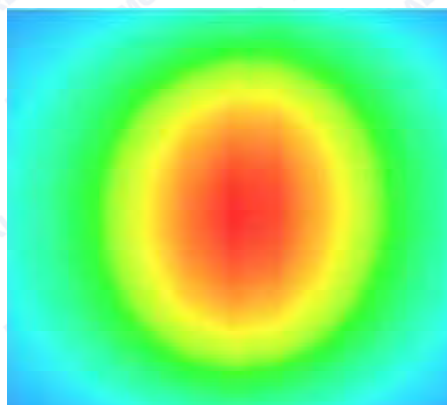
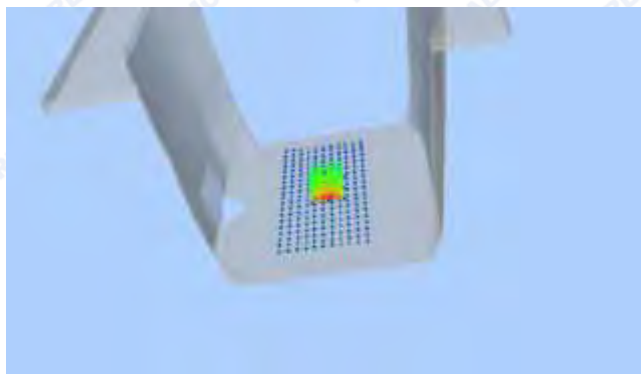
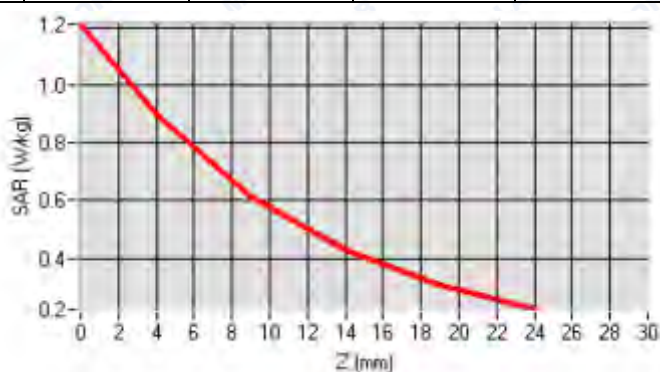
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.546521
SAR 1g (W/Kg)	0.841305

#### 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: 2015.08.26

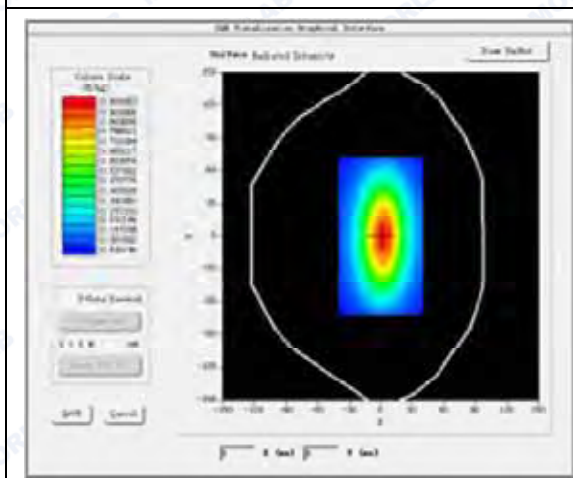
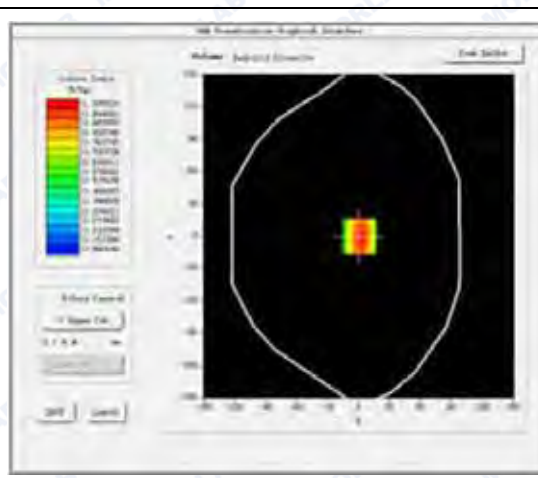
Measurement duration: 13 minutes 30 seconds

**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

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





REPORT No. : SZ15080014S01

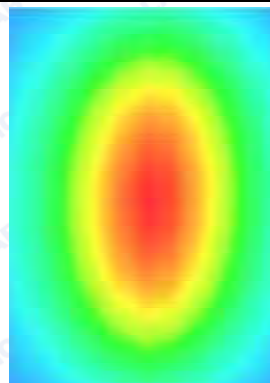
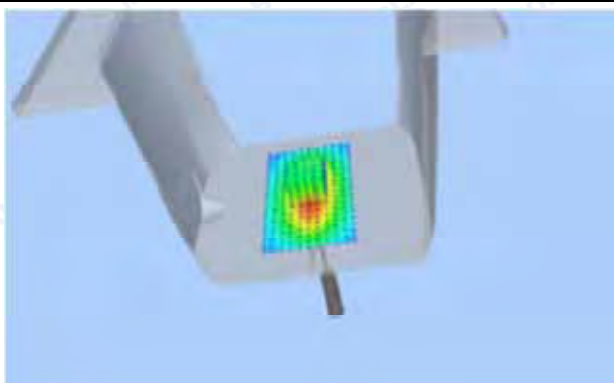
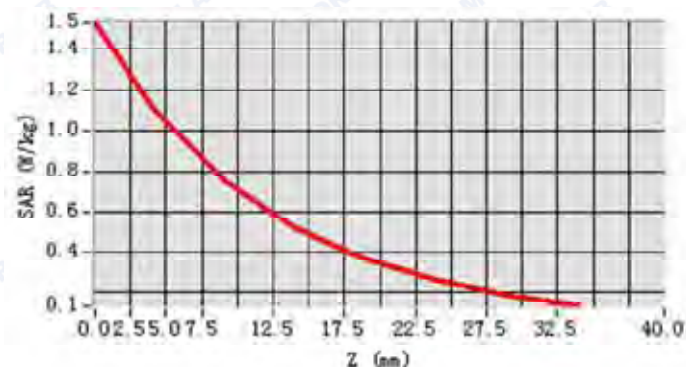
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.640263
SAR 1g (W/Kg)	0.954251

#### 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





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### 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: 2015.08.26

Measurement duration: 13 minutes 30 seconds

#### A. Experimental conditions.

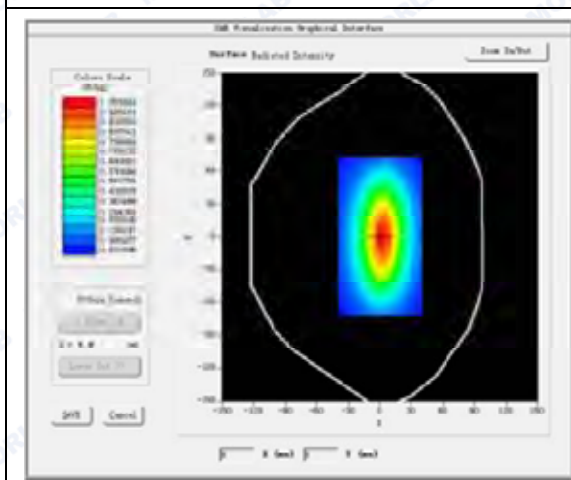
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	
Band	835MHz
Channels	
Signal	CW

#### B. SAR Measurement Results

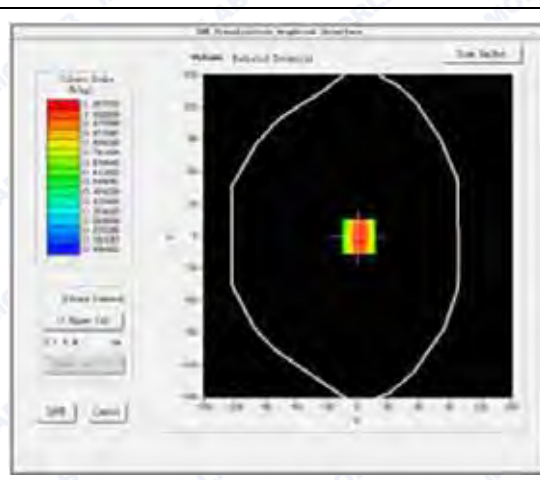
##### Band SAR

Frequency (MHz)	835.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
Power drift (%)	-0.810000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.99
Crest factor:	1:1

##### SURFACE SAR



##### VOLUME SAR





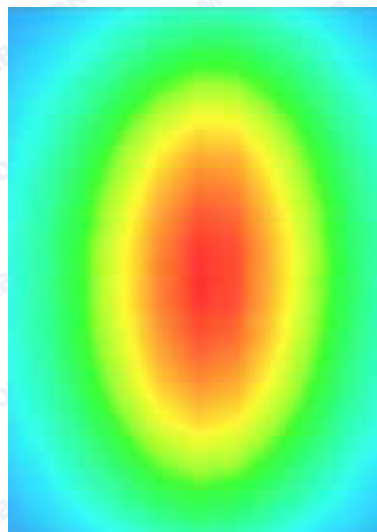
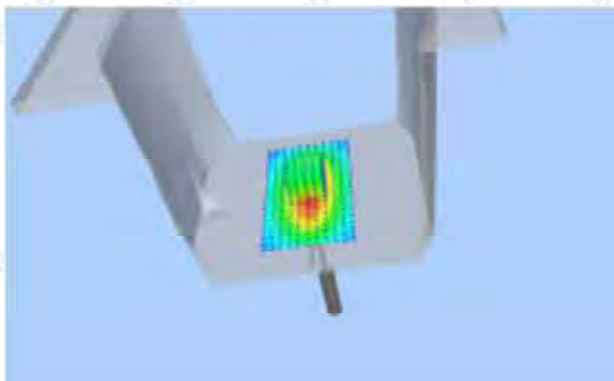
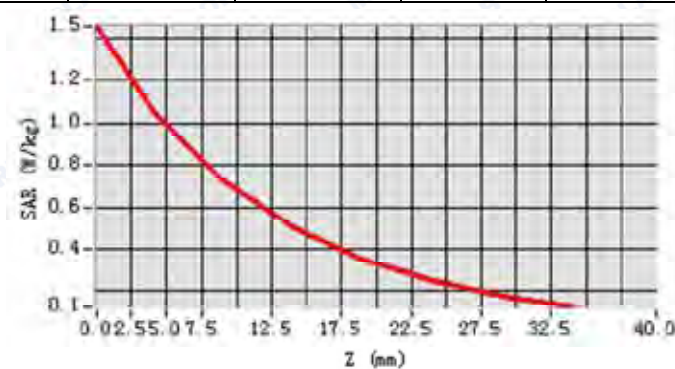
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Maximum location: X=7.00, Y=-1.00

SAR 10g (W/Kg)	0.678062
SAR 1g (W/Kg)	0.992185

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(Body)**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.08.27

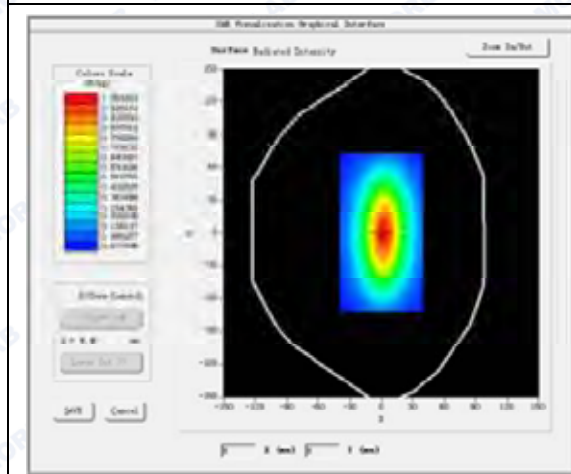
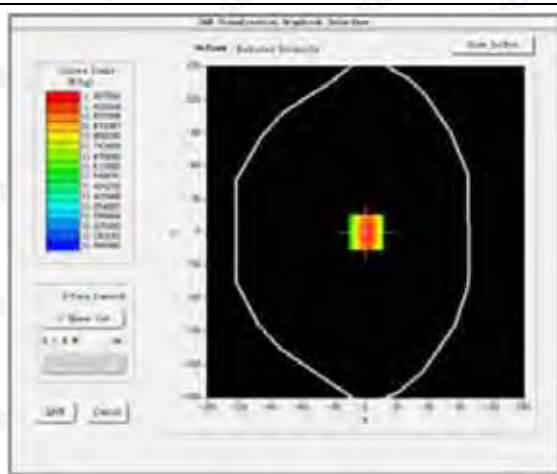
Measurement duration: 13 minutes 31 seconds

**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**



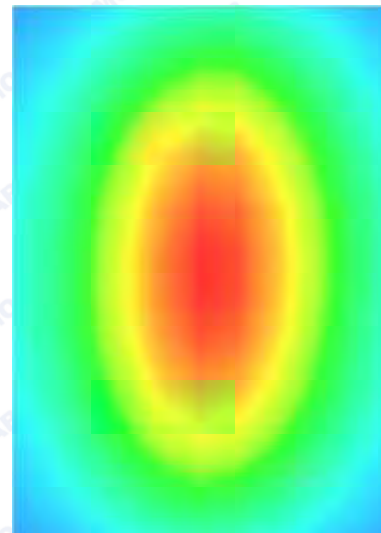
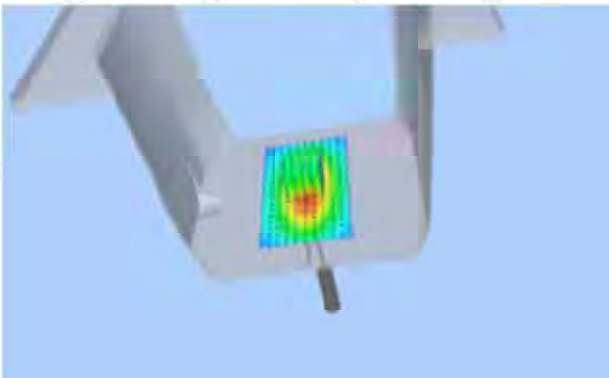
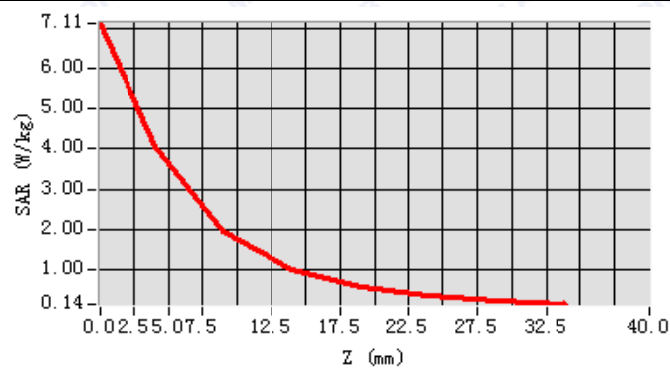
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Maximum location: X=7.00, Y=-1.00

SAR 10g (W/Kg)	1.985123
SAR 1g (W/Kg)	3.921351

#### 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: 2015.08.27

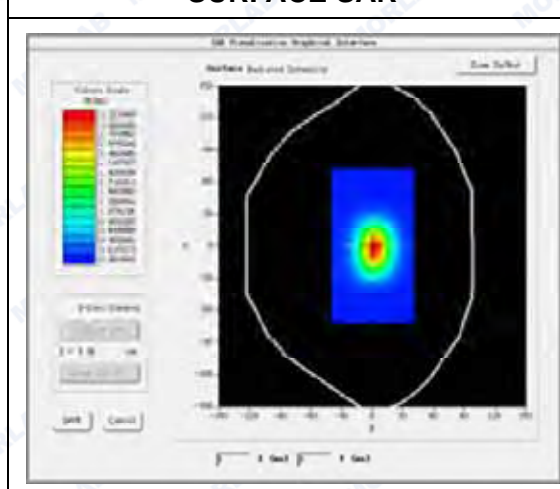
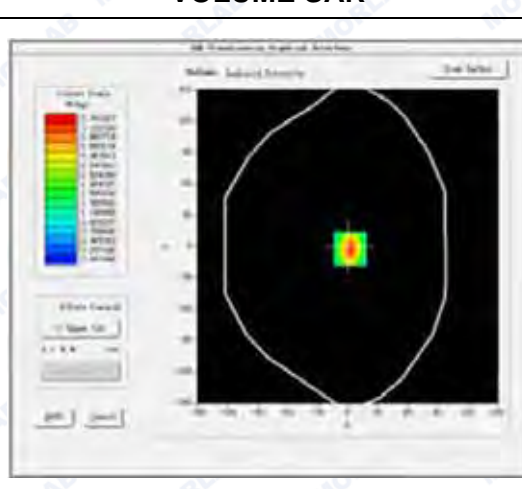
Measurement duration: 13 minutes 26 seconds

**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**



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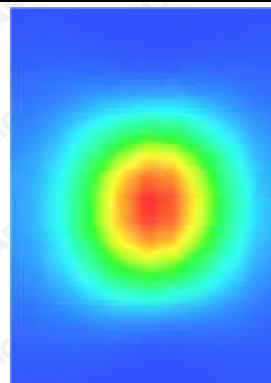
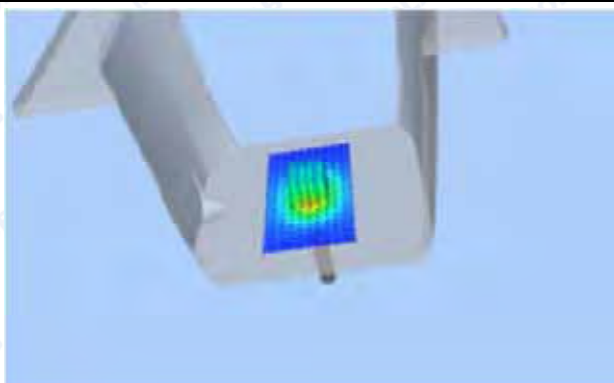
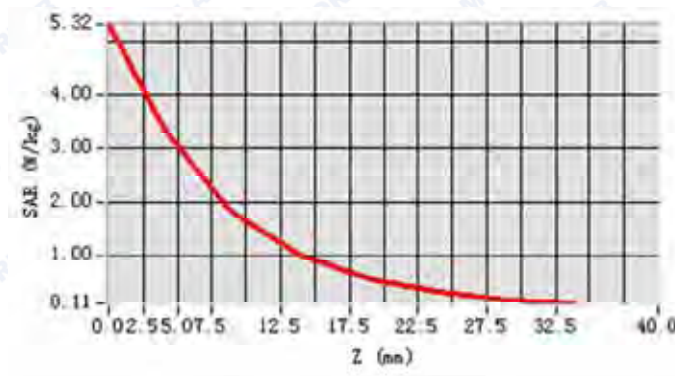
Maximum location: X=2.00, Y=2.00

SAR Peak: 5.27 W/kg

SAR 10g (W/Kg)	2.312054
SAR 1g (W/Kg)	4.017889

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: 2015.08.27

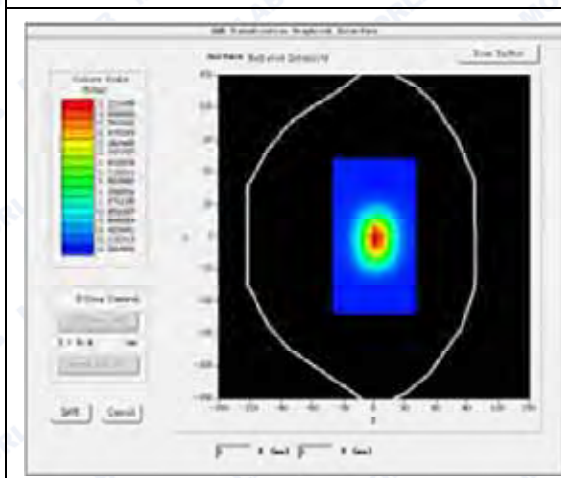
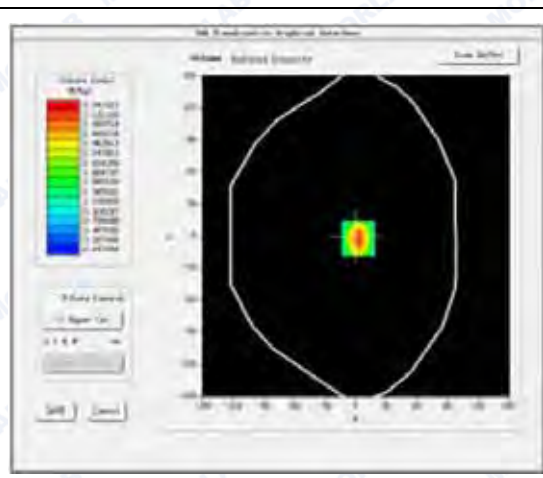
Measurement duration: 13 minutes 26 seconds

**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

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



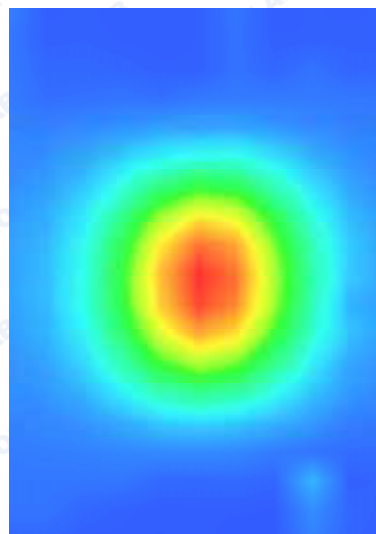
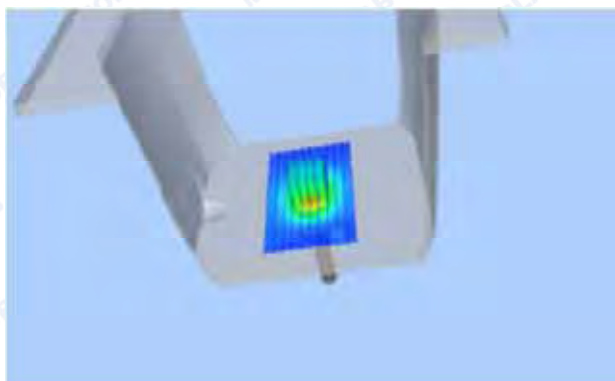
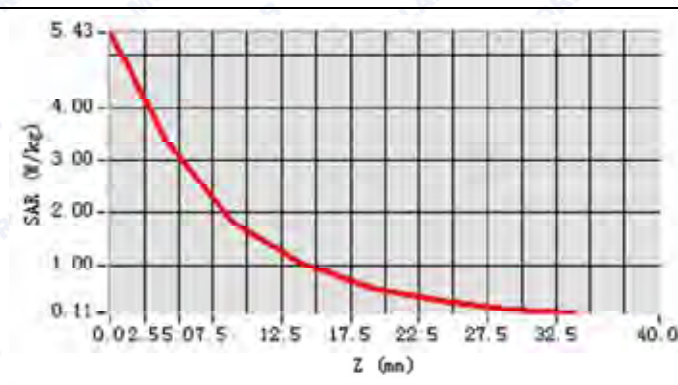


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Maximum location: X=2.00, Y=2.00

SAR 10g (W/Kg)	1.990125
SAR 1g (W/Kg)	4.348257

### 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: 2015.08.28

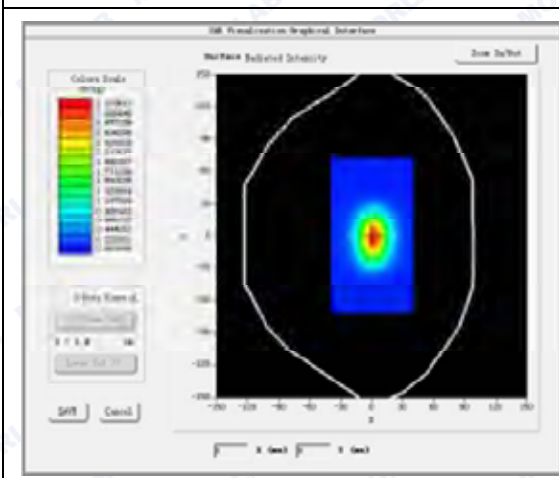
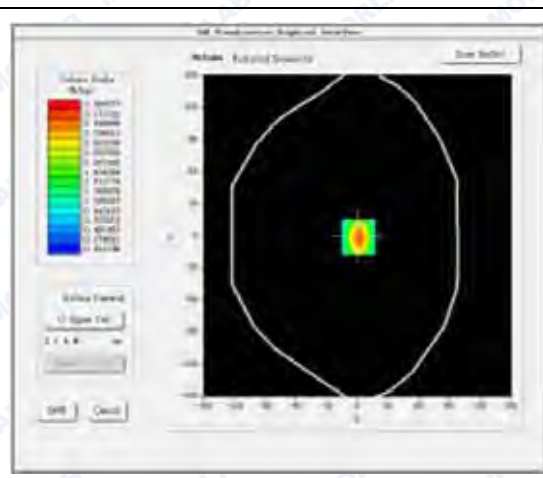
Measurement duration: 13 minutes 27 seconds

**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

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

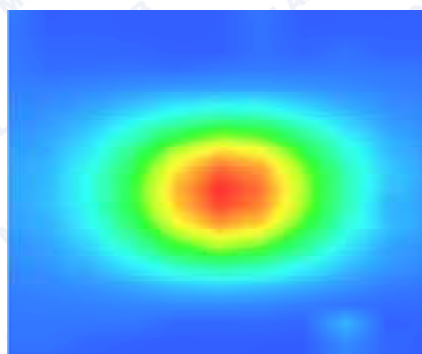
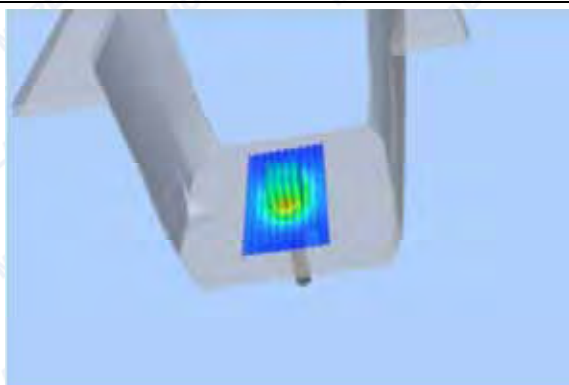
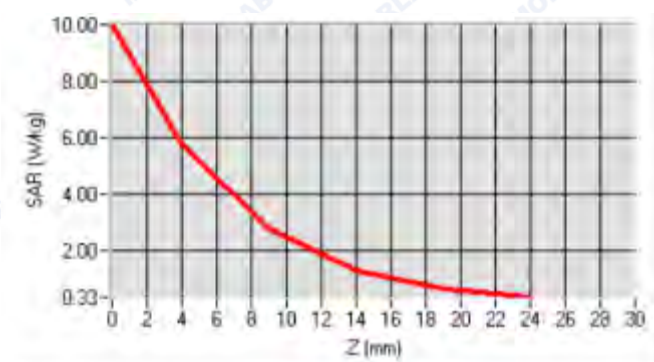


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Maximum location: X=7.00, Y=6.00

SAR 10g (W/Kg)	2.670621
SAR 1g (W/Kg)	5.255874

### 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: 2015.08.28

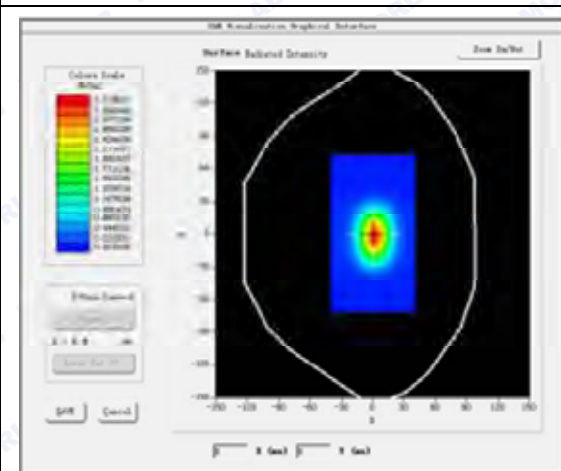
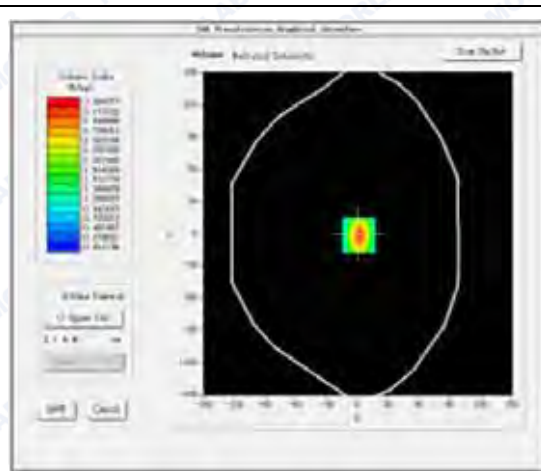
Measurement duration: 13 minutes 27 seconds

**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**

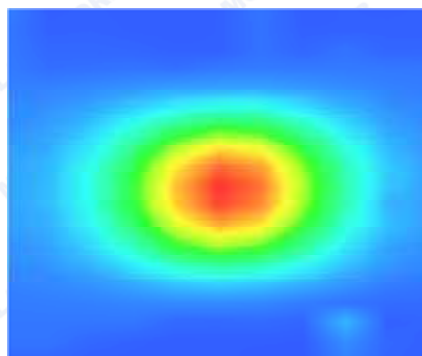
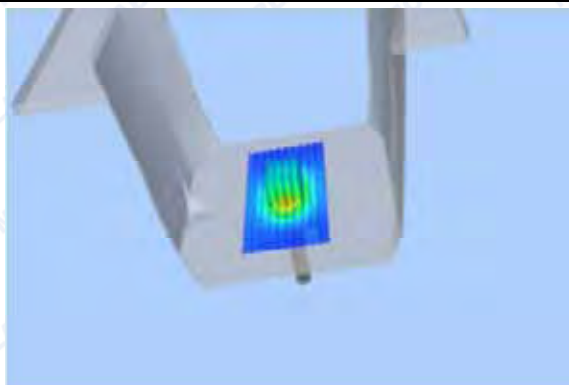
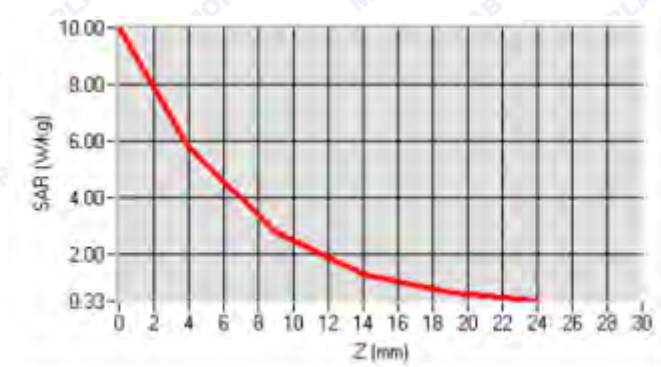


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Maximum location: X=7.00, Y=6.00

SAR 10g (W/Kg)	2.685124
SAR 1g (W/Kg)	5.442957

### 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: 2015.08.28

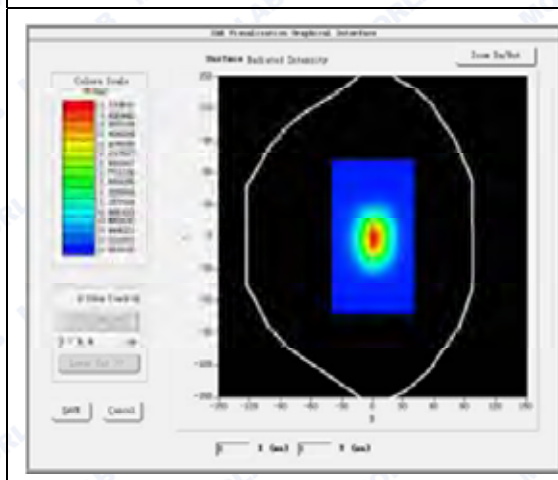
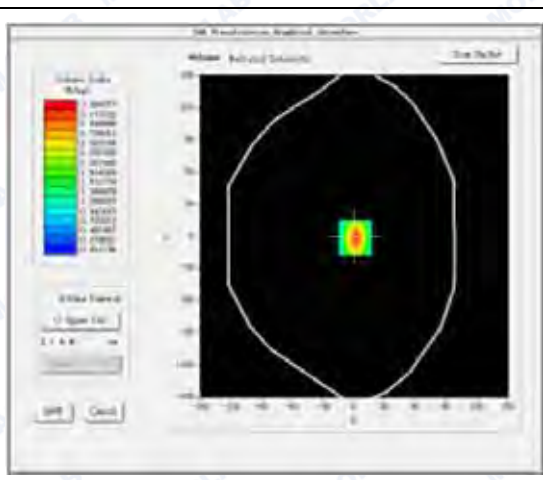
Measurement duration: 13 minutes 27 seconds

**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**





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Maximum location: X=3.00, Y=1.00

SAR 10g (W/Kg)	2.521450
SAR 1g (W/Kg)	5.487264

### Z Axis Scan

