

**ANNEX A PLOTS OF SAR TEST RESULTS****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: 2017.08.08

Measurement duration: 13 minutes 13 seconds

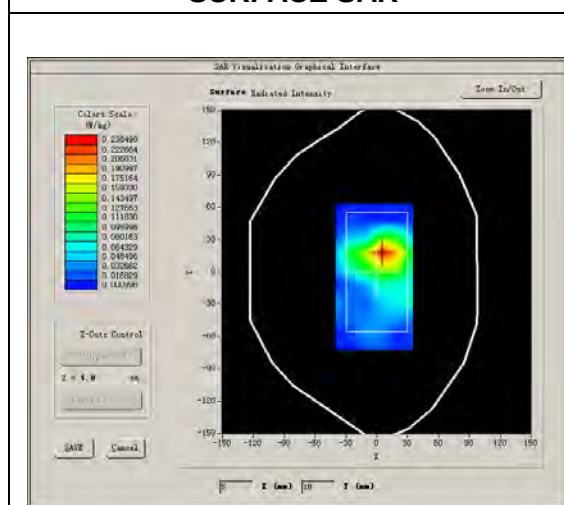
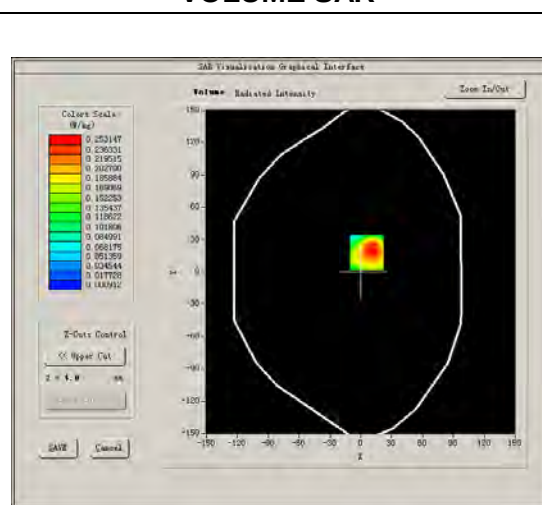
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**

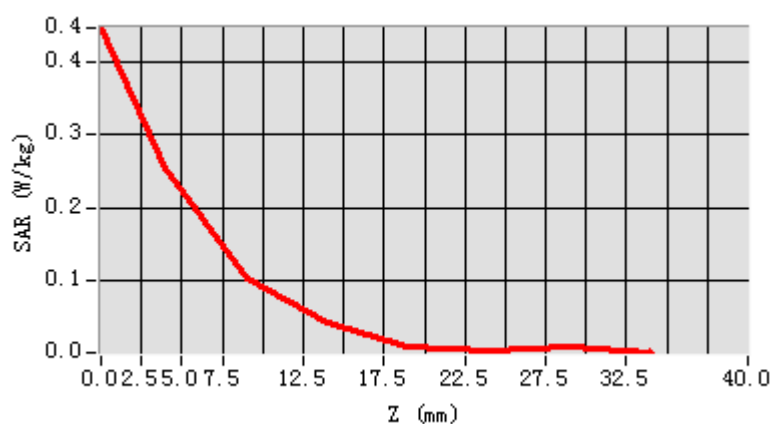


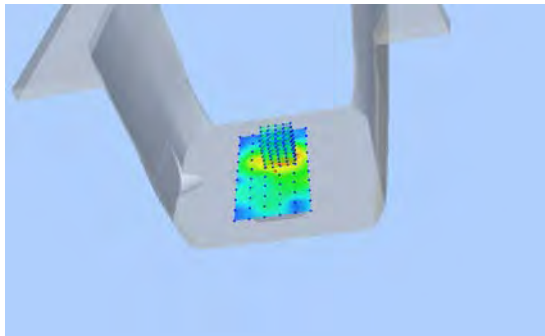
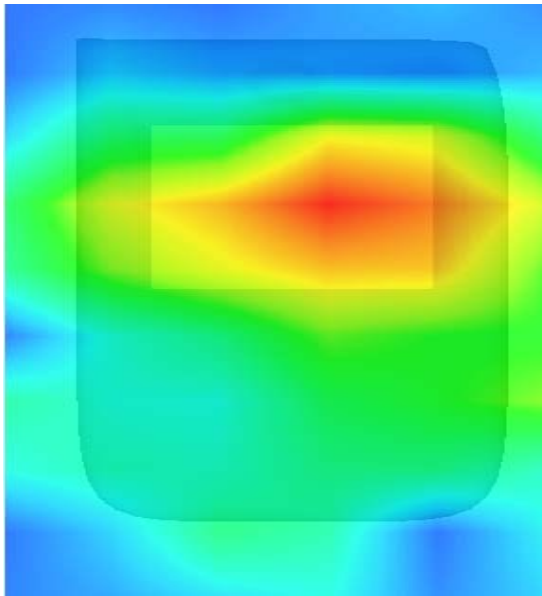
Maximum location: X=6.00, Y=18.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.113109
SAR 1g (W/Kg)	0.246472

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4468	0.2531	0.1035	0.0421	0.0084	0.0036	0.0082



3D screen shot	Hot spot position
	

**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: 2017.08.08

Measurement duration: 13 minutes 6 seconds

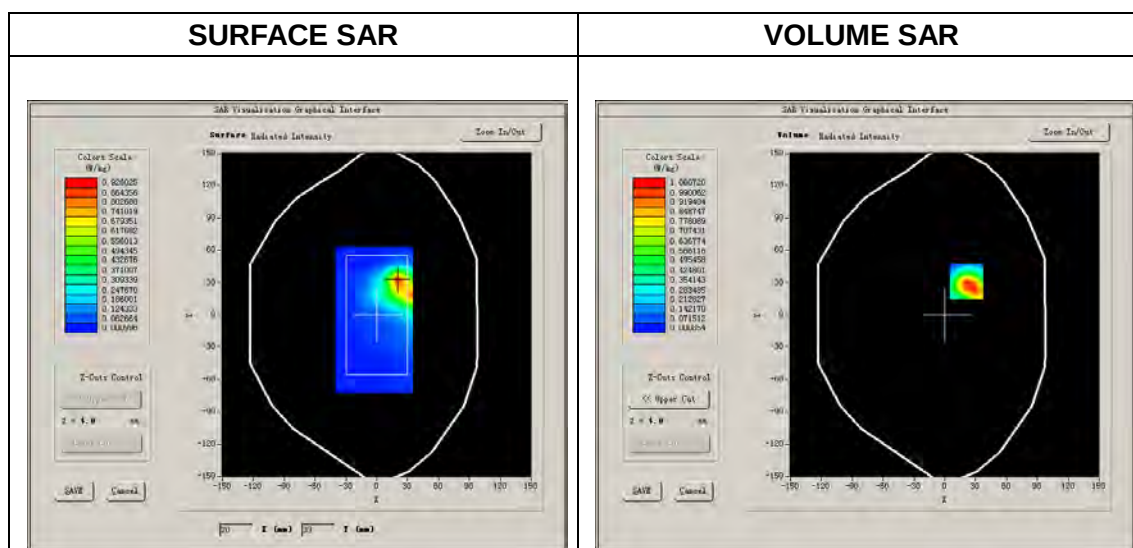
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



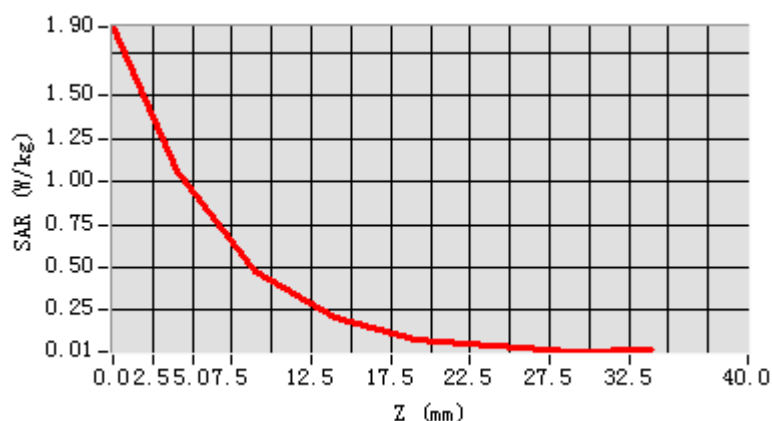
REPORT No. : SZ17040265S01

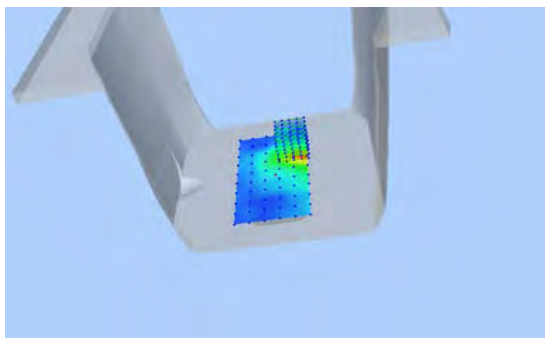
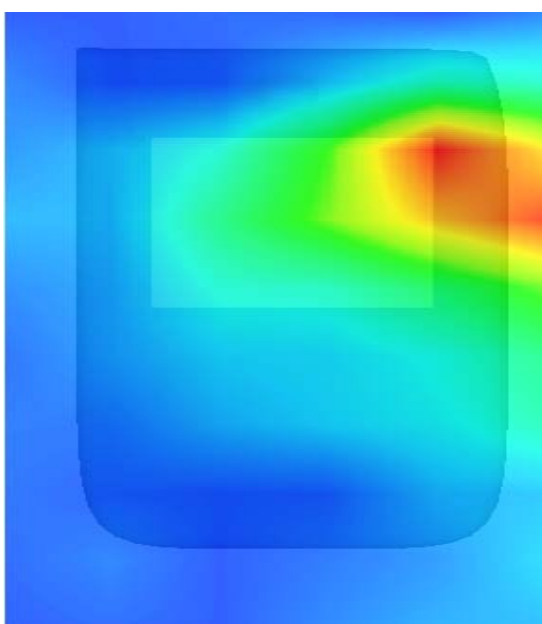
Maximum location: X=21.00, Y=31.00

SAR Peak: 2.07 W/kg

SAR 10g (W/Kg)	0.451185
SAR 1g (W/Kg)	0.724633

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.9026	1.0607	0.4712	0.2102	0.0831	0.0490	0.0086



3D screen shot	Hot spot position
	

**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: 2017.08.08

Measurement duration: 13 minutes 6 seconds

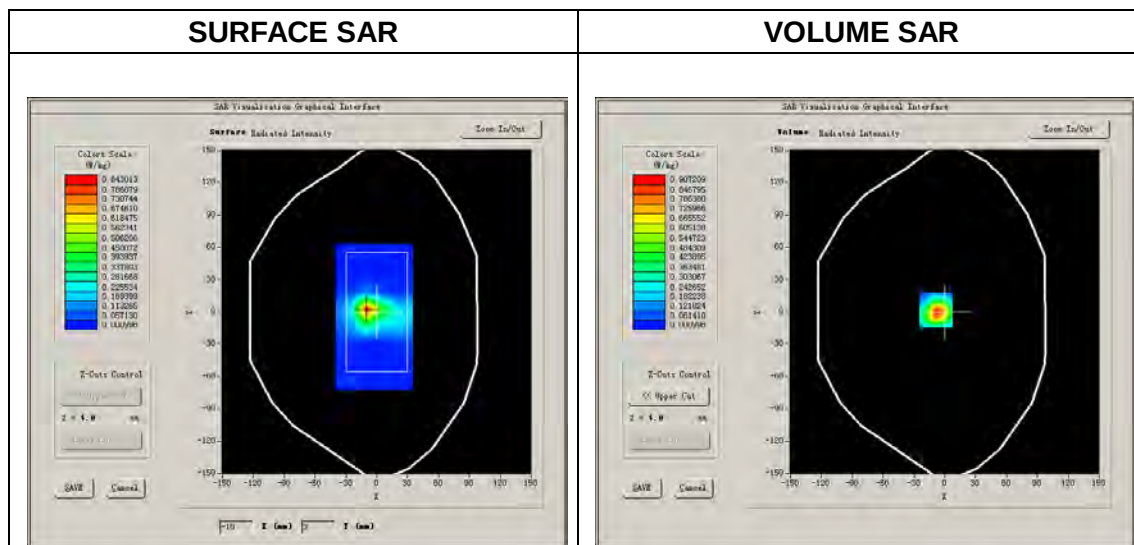
A. Experimental conditions.

<u>Phantom File</u>	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	Body
<u>Band</u>	802.11b
<u>Channels</u>	High
<u>Signal</u>	DSSS

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



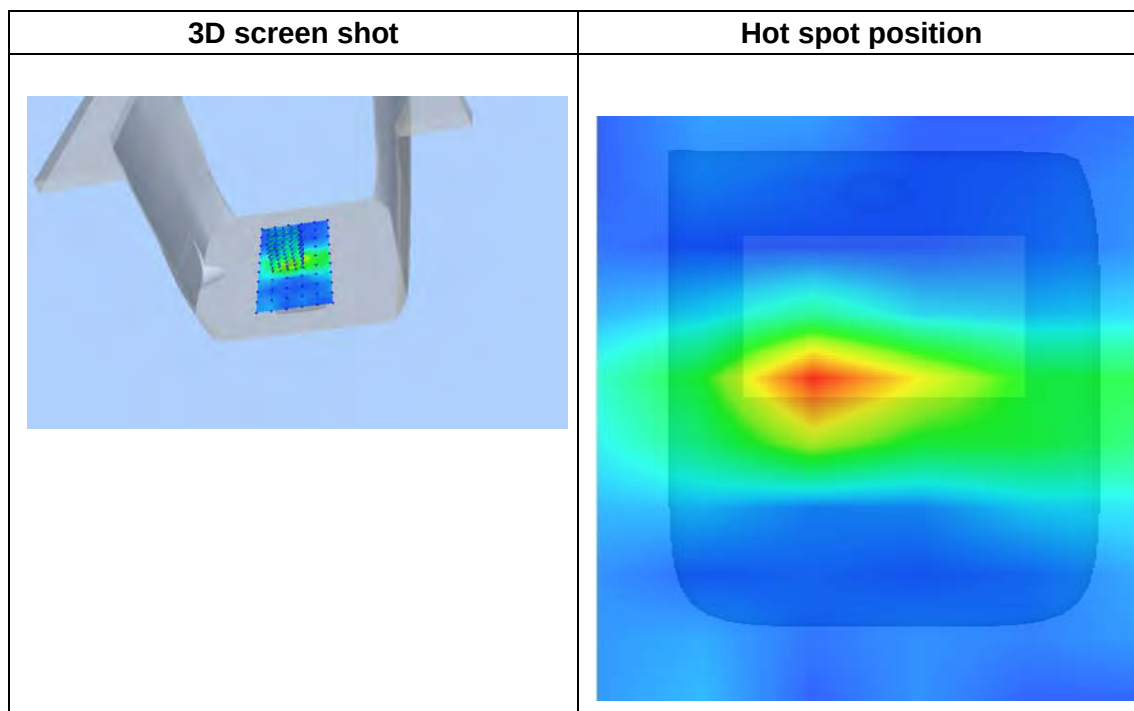
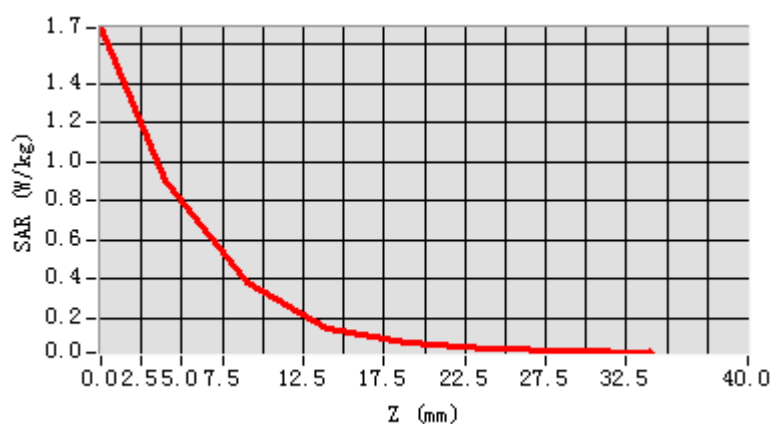
REPORT No. : SZ17040265S01

Maximum location: X=-9.00, Y=2.00

SAR Peak: 1.76 W/kg

SAR 10g (W/Kg)	0.121905
SAR 1g (W/Kg)	0.343926

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6834	0.9072	0.3762	0.1458	0.0748	0.0413	0.0311





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: 2017.08.08

Measurement duration: 13 minutes 6 seconds

A. Experimental conditions.

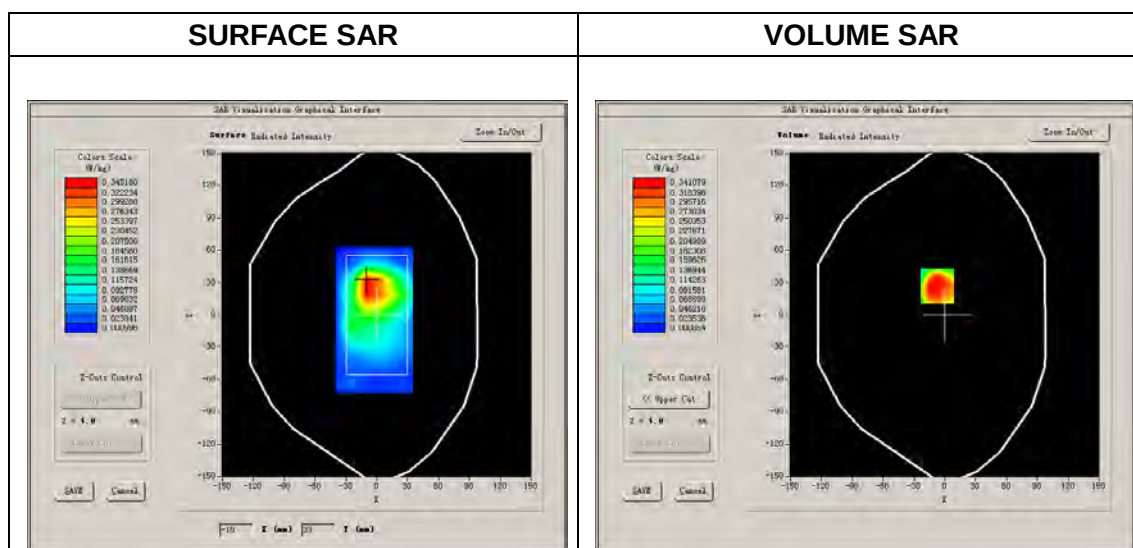
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





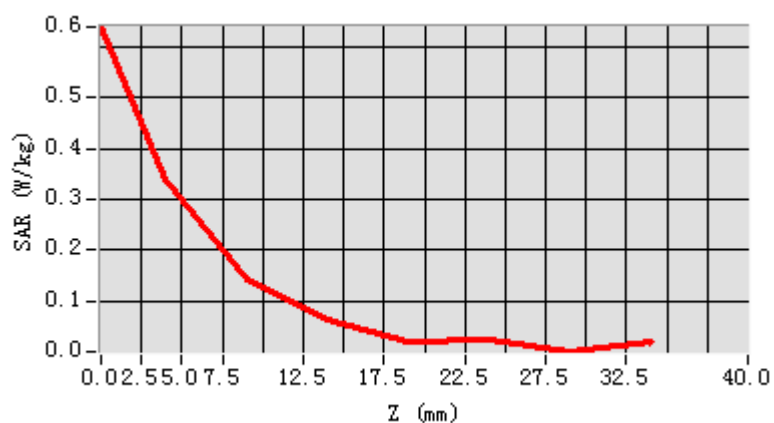
REPORT No. : SZ17040265S01

Maximum location: X=-7.00, Y=27.00

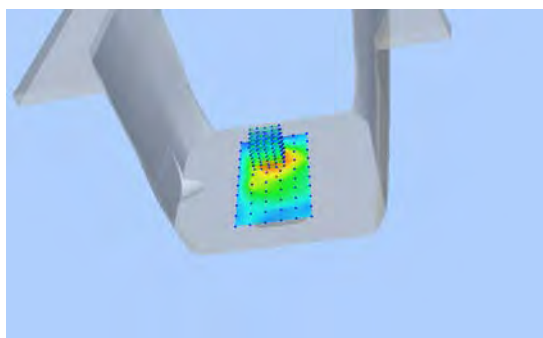
SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.163235
SAR 1g (W/Kg)	0.351181

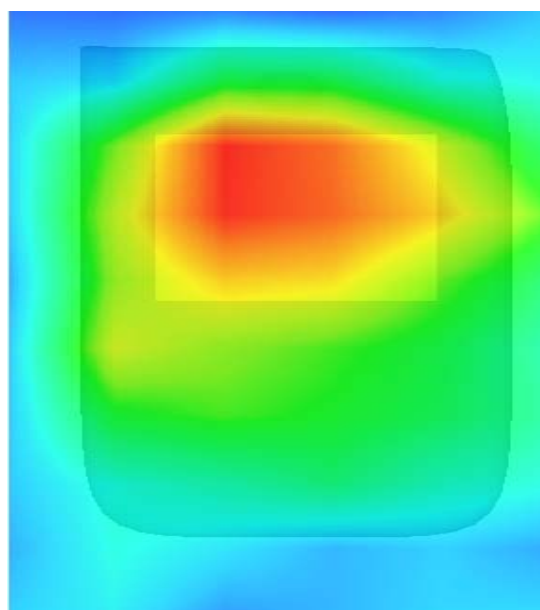
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6385	0.3411	0.1432	0.0627	0.0189	0.0234	0.0010



3D screen shot



Hot spot position



**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: 2017.08.08

Measurement duration: 13 minutes 7 seconds

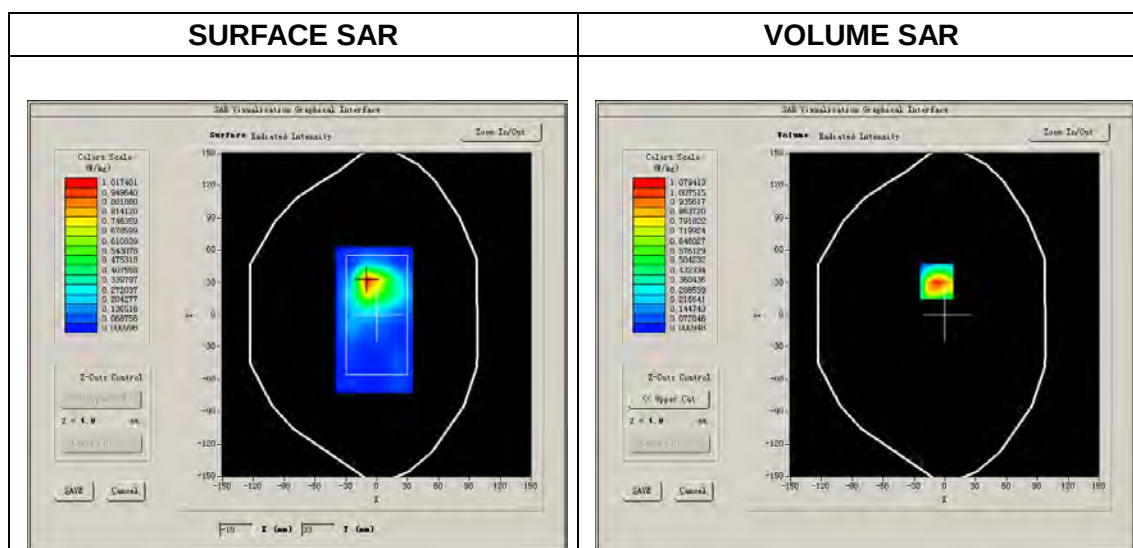
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



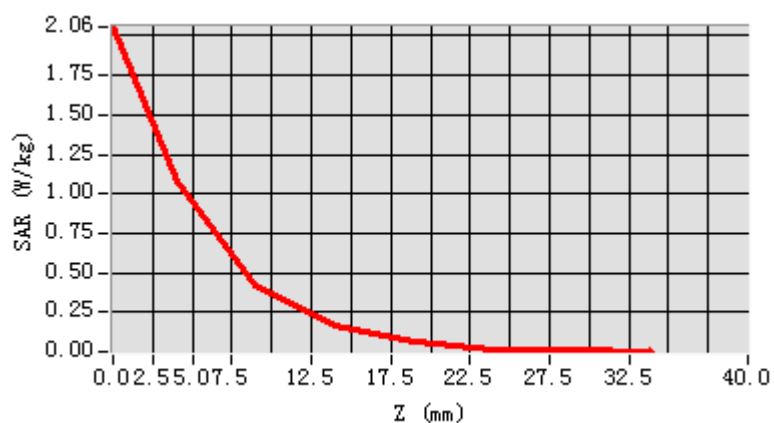
REPORT No. : SZ17040265S01

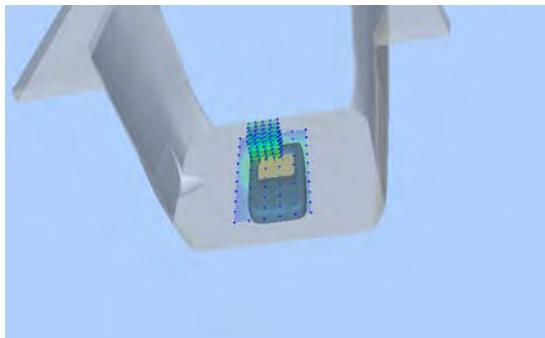
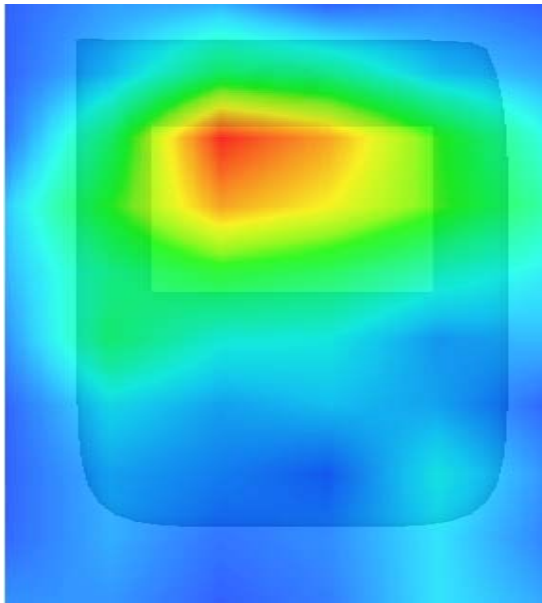
Maximum location: X=-8.00, Y=31.00

SAR Peak: 2.03 W/kg

SAR 10g (W/Kg)	0.430662
SAR 1g (W/Kg)	0.716615

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0560	1.0794	0.4140	0.1654	0.0600	0.0185	0.0094



3D screen shot	Hot spot position
	

**MEASUREMENT 6**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.01

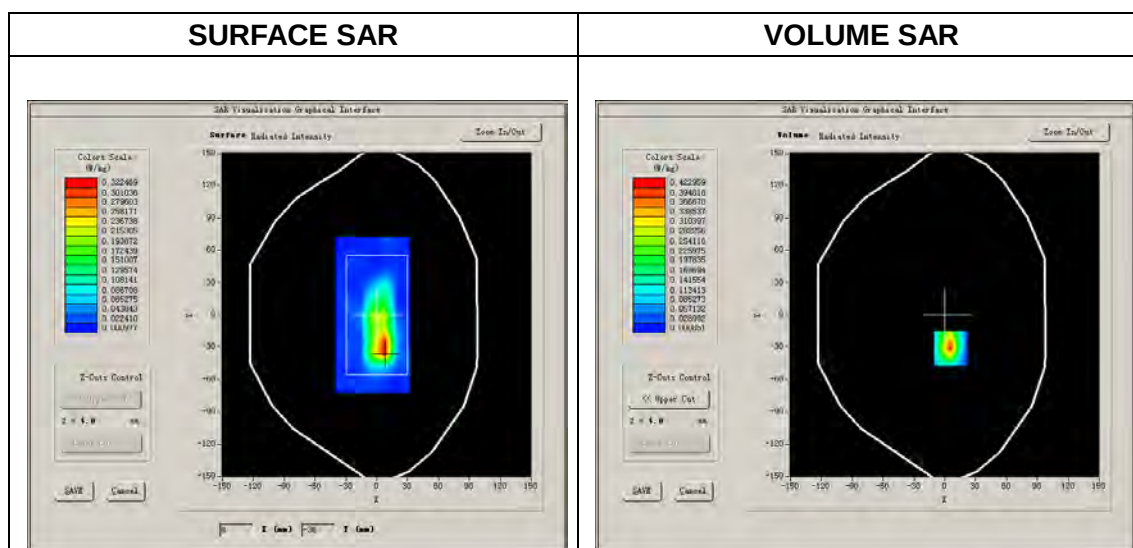
Measurement duration: 13 minutes 56 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement ResultsHigh Band SAR (Channel 11)

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



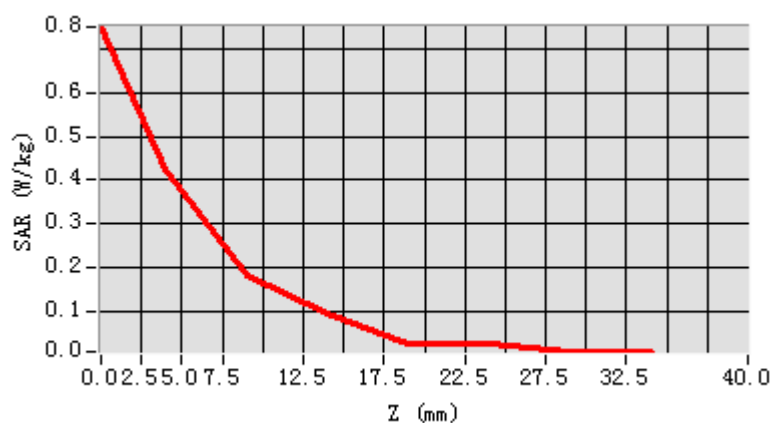
REPORT No. : SZ17040265S01

Maximum location: X=6.00, Y=-31.00

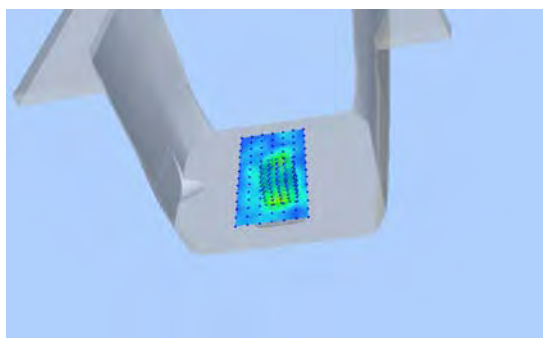
SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.113297
SAR 1g (W/Kg)	0.300286

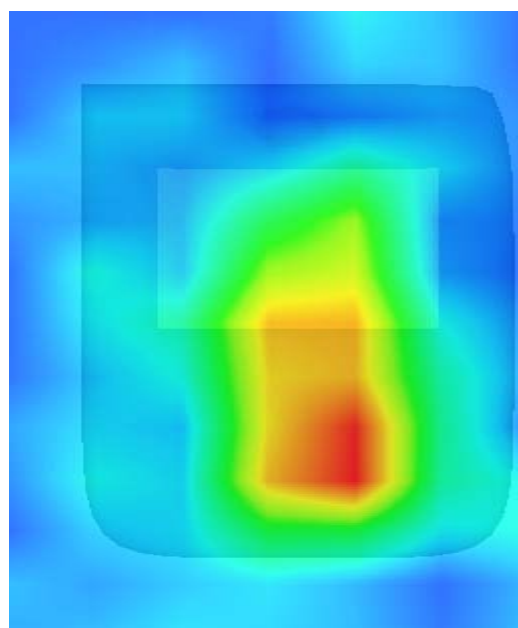
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7509	0.4230	0.1821	0.0951	0.0230	0.0260	0.0066



3D screen shot



Hot spot position





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: 2017.08.01

Measurement duration: 13 minutes 0 seconds

A. Experimental conditions.

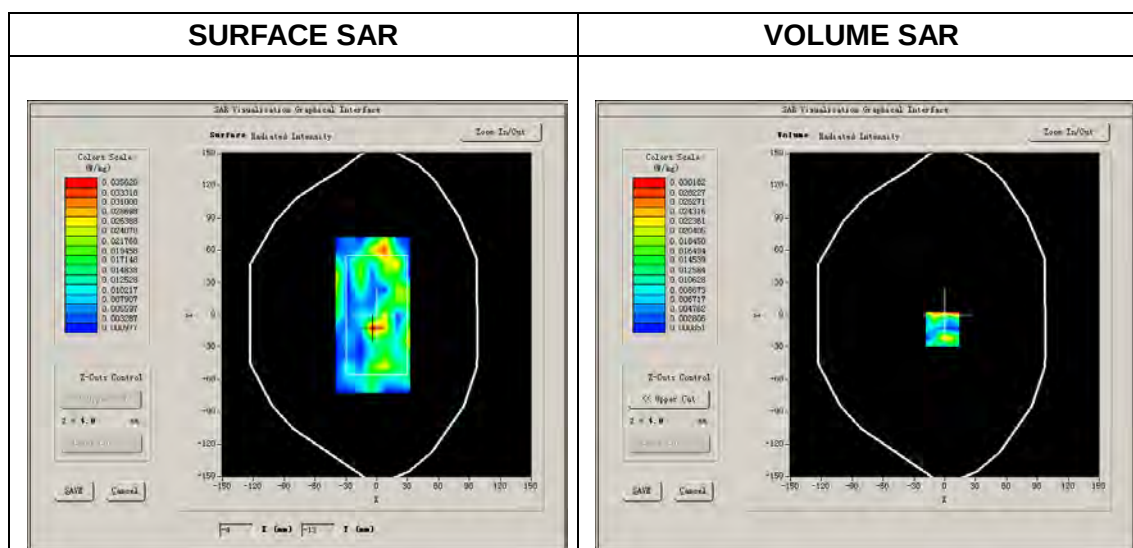
<u>Area Scan</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

High Band SAR (Channel 11)

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





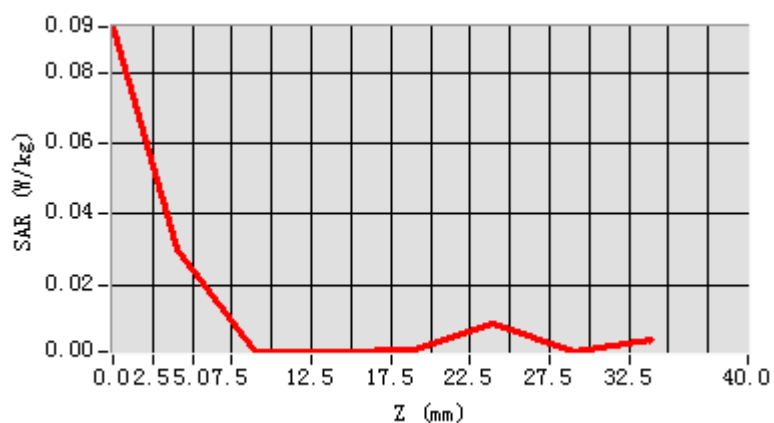
REPORT No. : SZ17040265S01

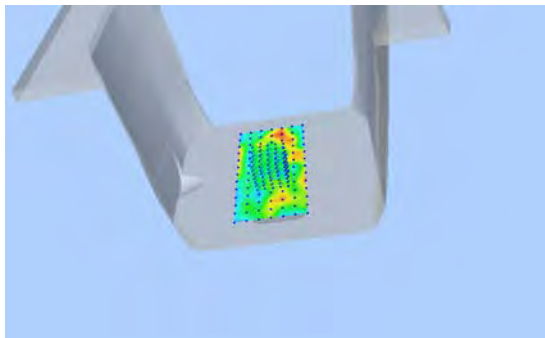
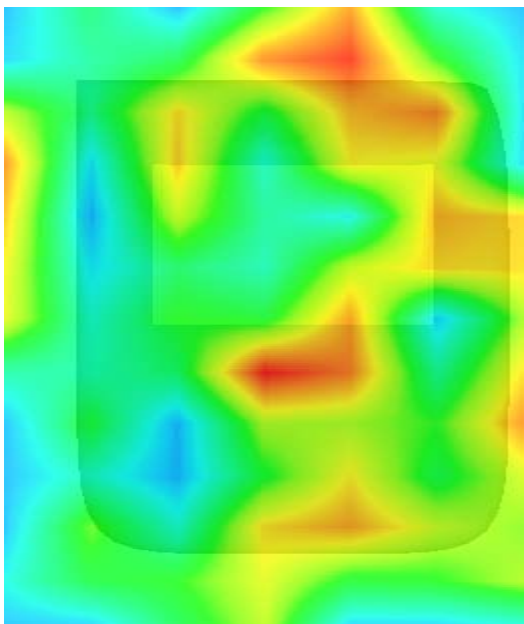
Maximum location: X=-2.00, Y=-13.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.109752
SAR 1g (W/Kg)	0.216255

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0934	0.0302	0.0009	0.0010	0.0016	0.0089	0.0010



3D screen shot	Hot spot position
	



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: 2017.08.01

Measurement duration: 13 minutes 0 seconds

A. Experimental conditions.

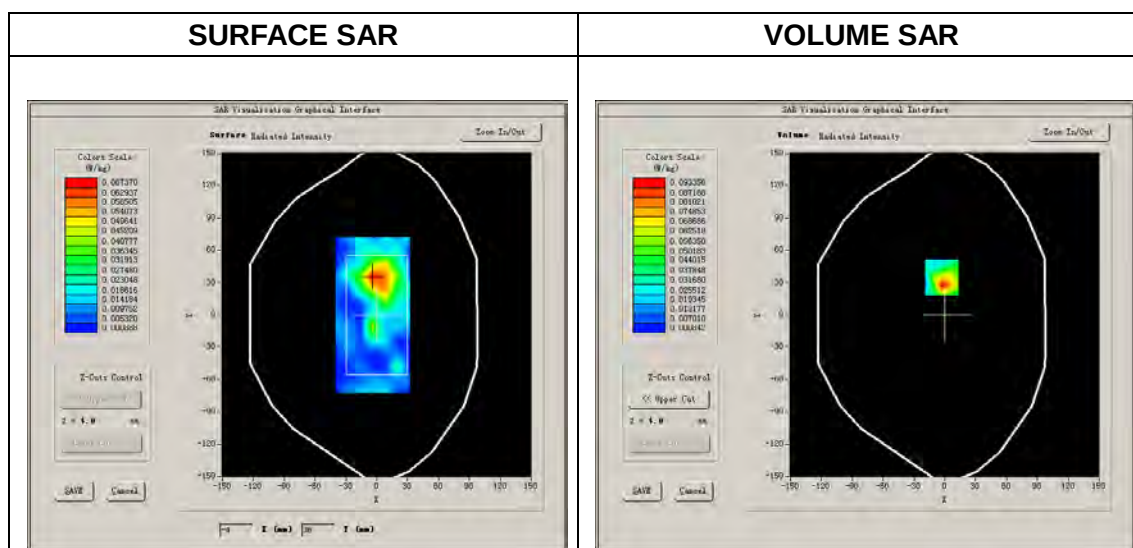
<u>Area Scan</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

High Band SAR (Channel 11)

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





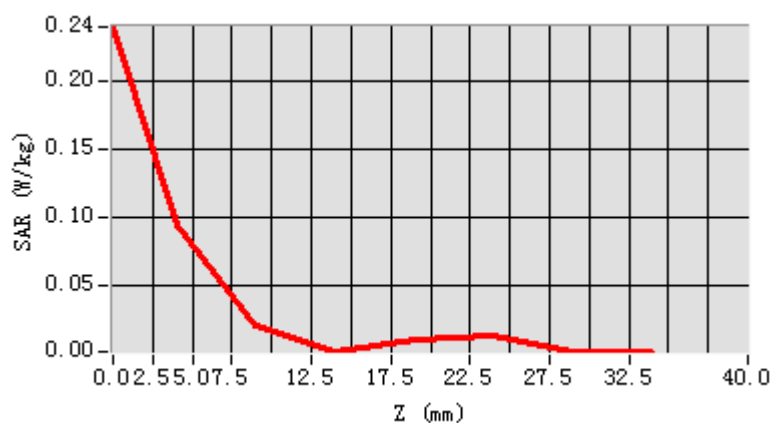
REPORT No. : SZ17040265S01

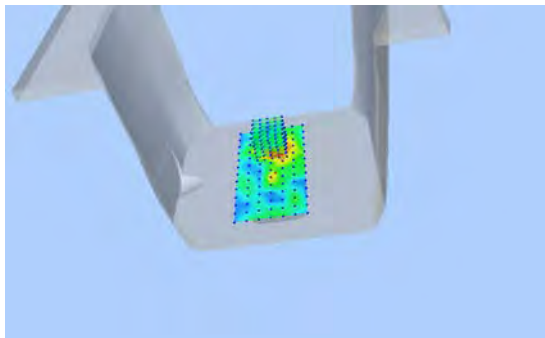
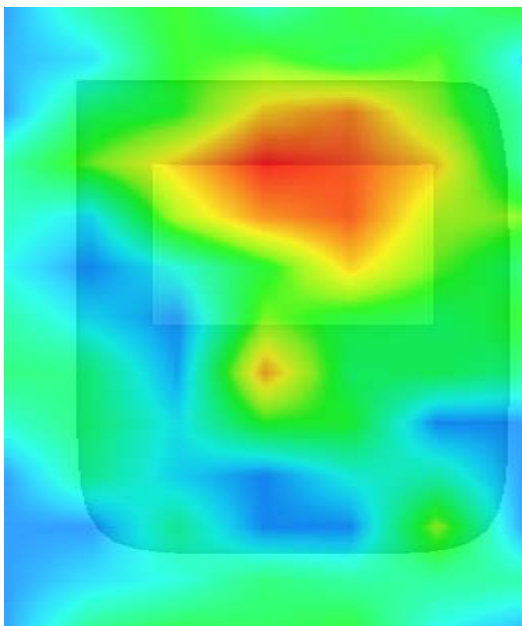
Maximum location: X=-3.00, Y=35.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.077304
SAR 1g (W/Kg)	0.188458

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2396	0.0934	0.0197	0.0012	0.0092	0.0133	0.0015



3D screen shot	Hot spot position
	

**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: 2017.08.01

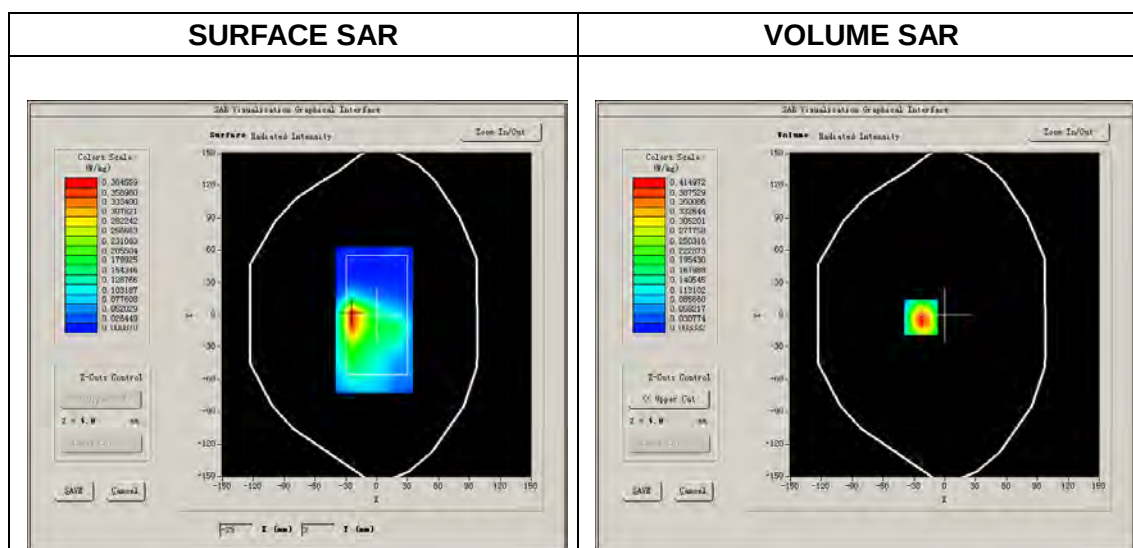
Measurement duration: 13minutes 57 seconds

A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement ResultsHigh Band SAR (Channel 11)

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



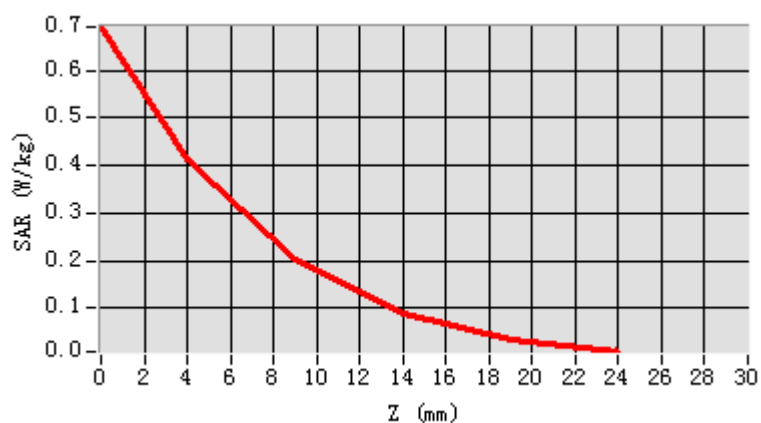
REPORT No. : SZ17040265S01

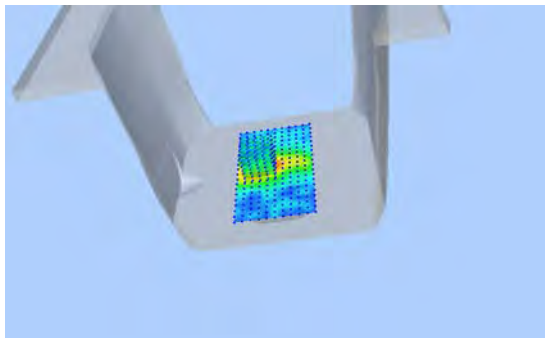
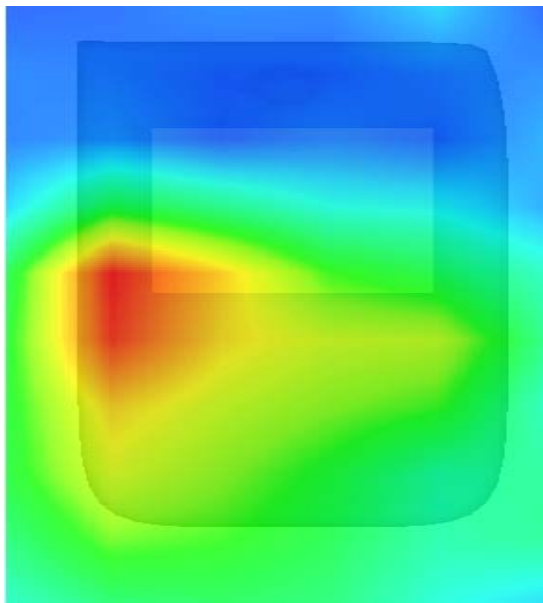
Maximum location: X=-23.00, Y=-2.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.064104
SAR 1g (W/Kg)	0.116101

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6920	0.4150	0.2028	0.0899	0.0347



3D screen shot	Hot spot position
	

**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: 2017.08.08

Measurement duration: 13 minutes 31 seconds

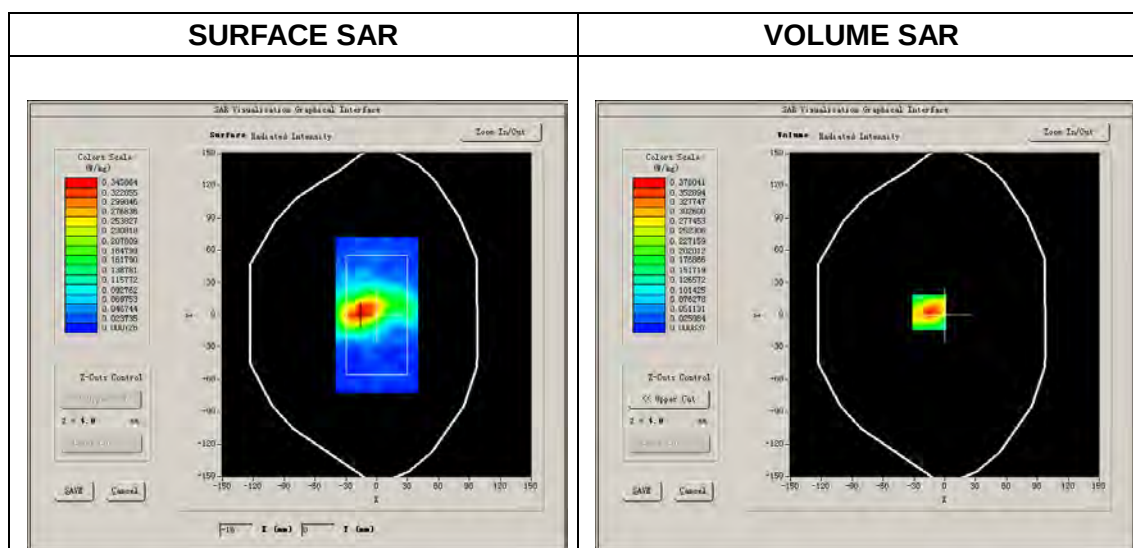
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-5.640000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



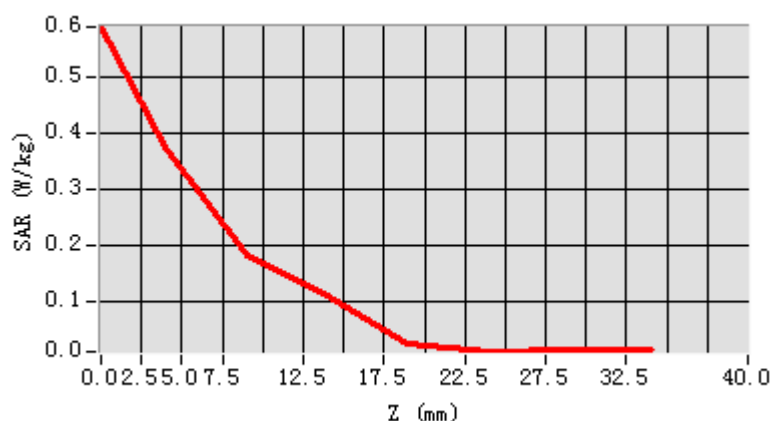
REPORT No. : SZ17040265S01

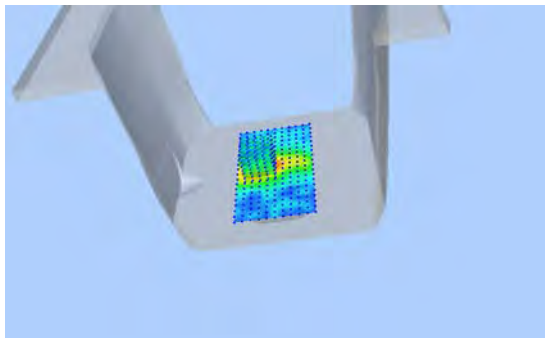
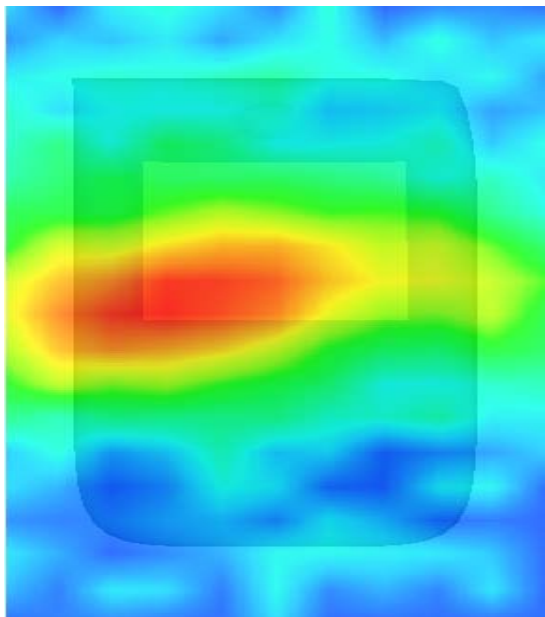
Maximum location: X=-15.00, Y=3.00

SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.169548
SAR 1g (W/Kg)	0.357301

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5907	0.3780	0.1839	0.1108	0.0264	0.0119	0.0172



3D screen shot	Hot spot position
	



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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

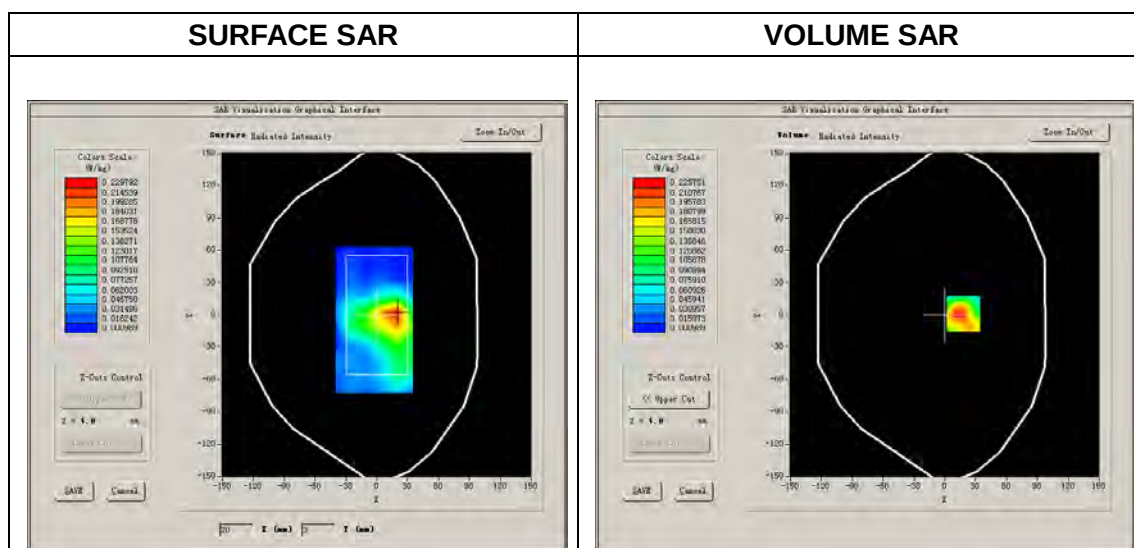
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





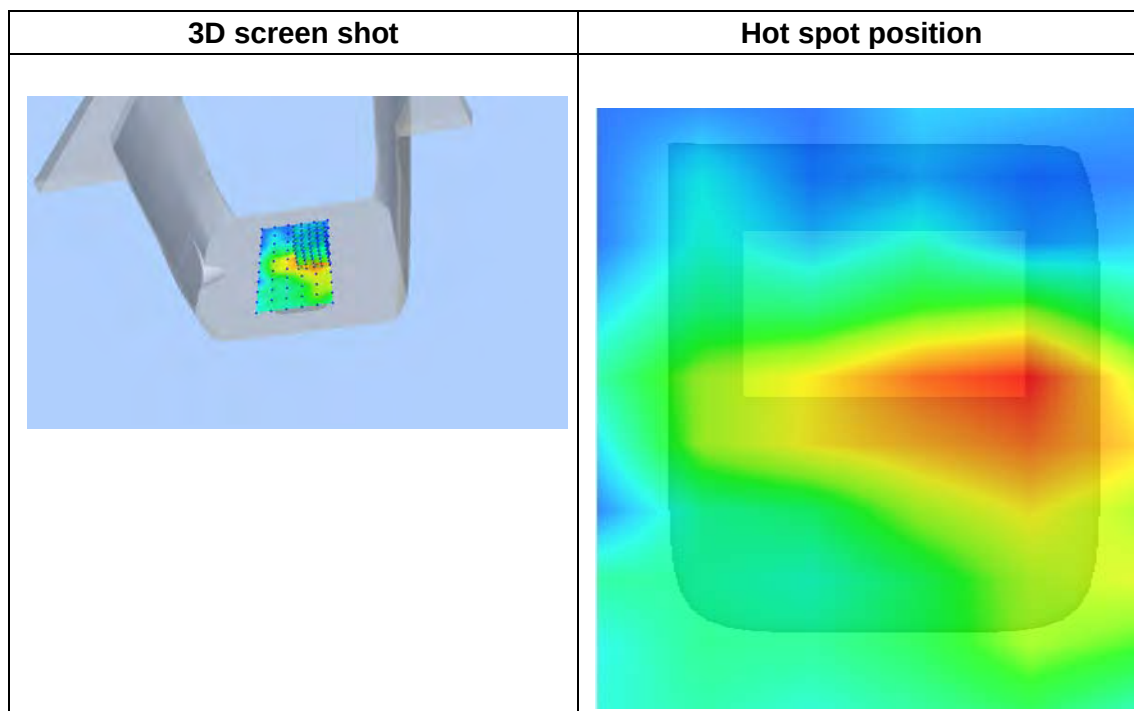
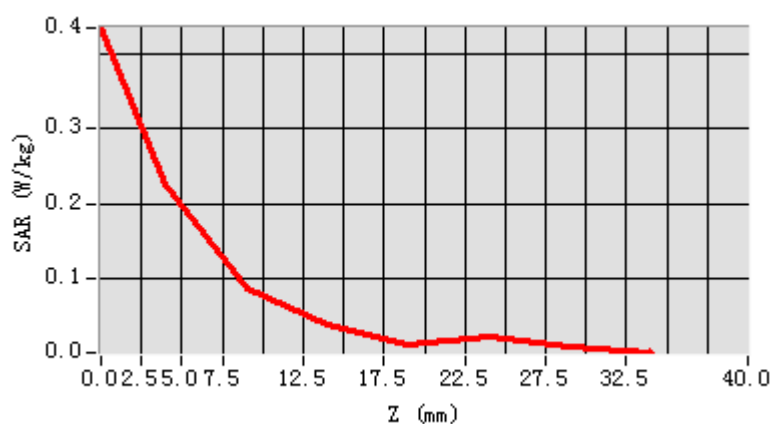
REPORT No. : SZ17040265S01

Maximum location: X=18.00, Y=1.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.097519
SAR 1g (W/Kg)	0.222267

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4343	0.2258	0.0852	0.0377	0.0113	0.0225	0.0082





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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

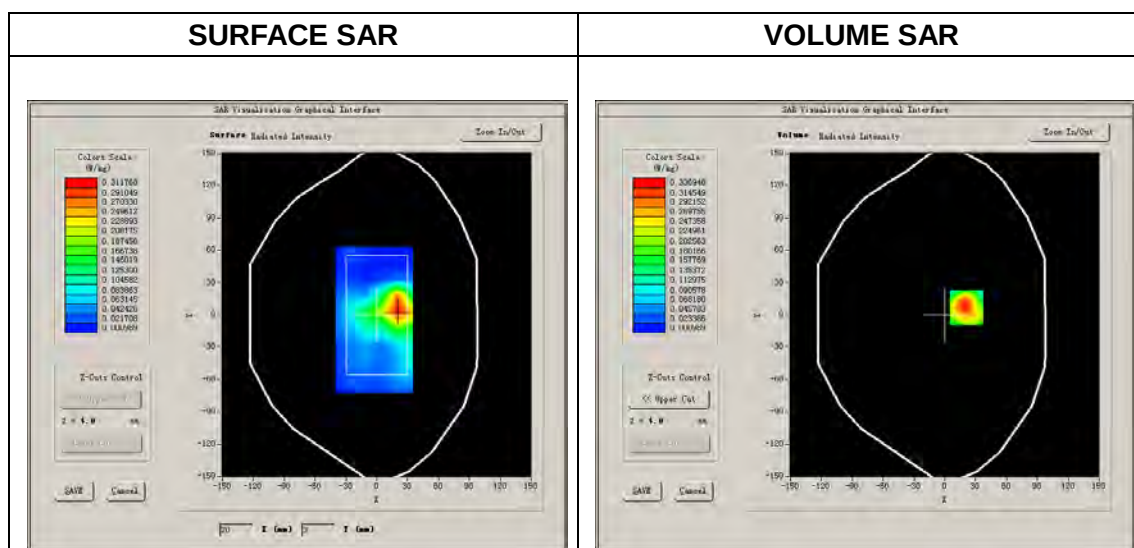
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





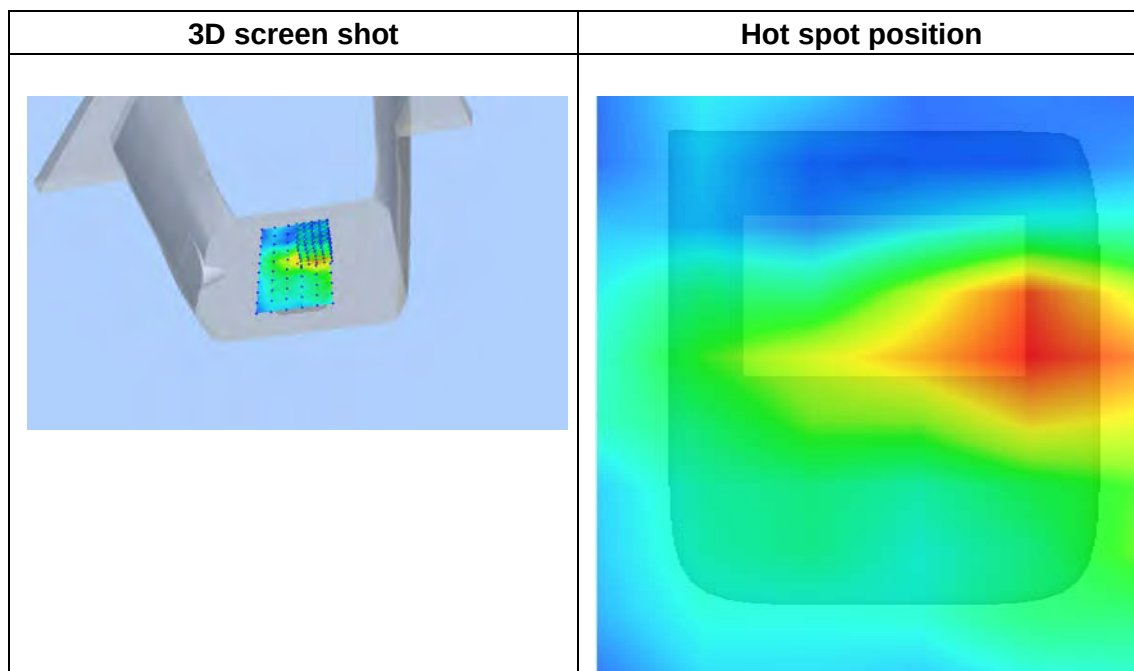
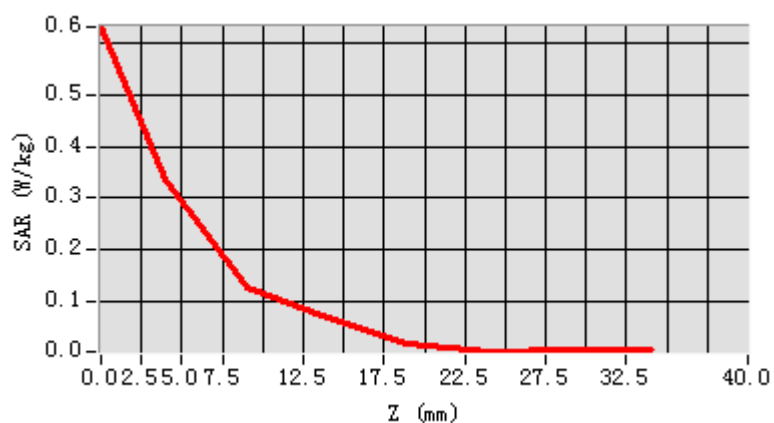
REPORT No. : SZ17040265S01

Maximum location: X=21.00, Y=7.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.146594
SAR 1g (W/Kg)	0.324179

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6311	0.3369	0.1272	0.0670	0.0187	0.0025	0.0082





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: 2017.08.08

Measurement duration: 13 minutes 8 seconds

A. Experimental conditions.

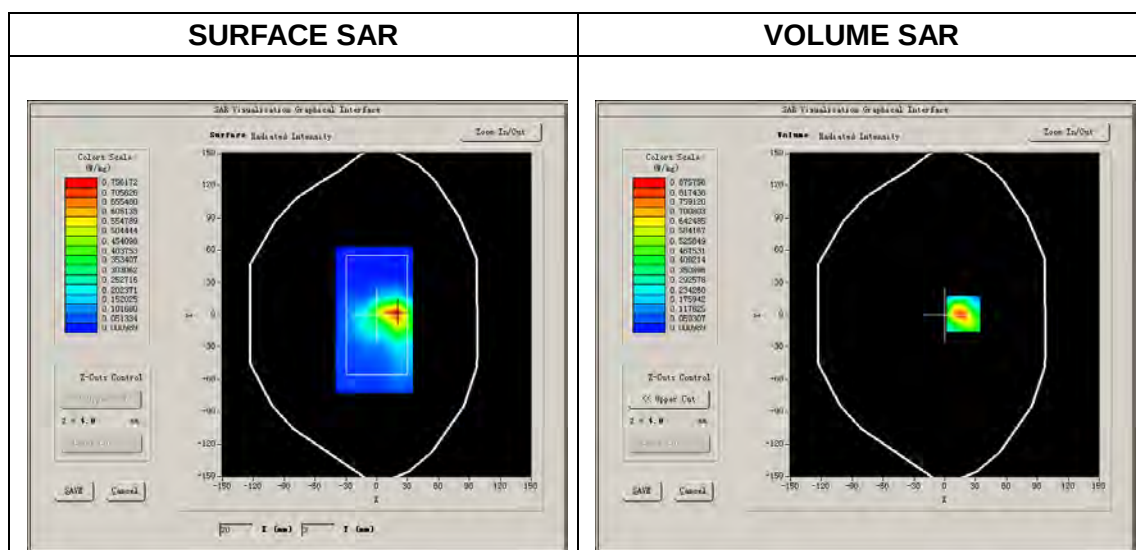
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





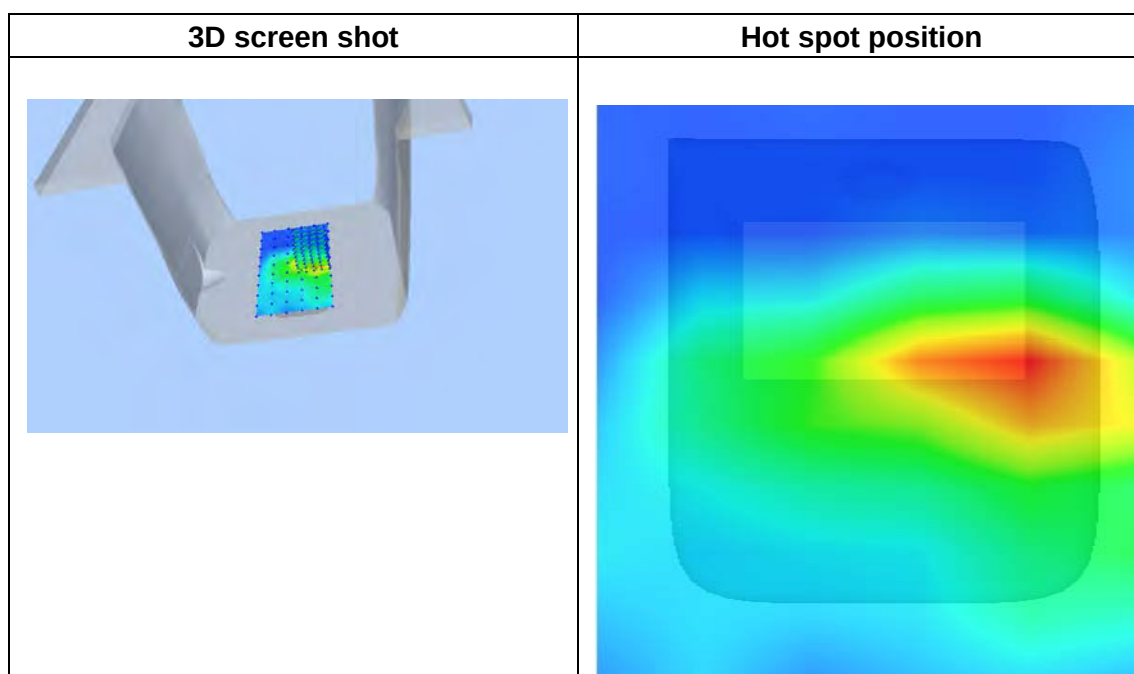
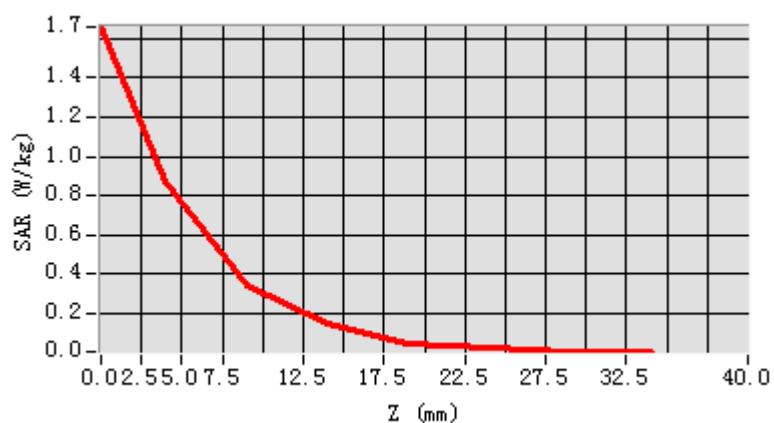
REPORT No. : SZ17040265S01

Maximum location: X=18.00, Y=1.00

SAR Peak: 1.67 W/kg

SAR 10g (W/Kg)	0.335214
SAR 1g (W/Kg)	0.722377

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6611	0.8758	0.3381	0.1497	0.0446	0.0239	0.0032





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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

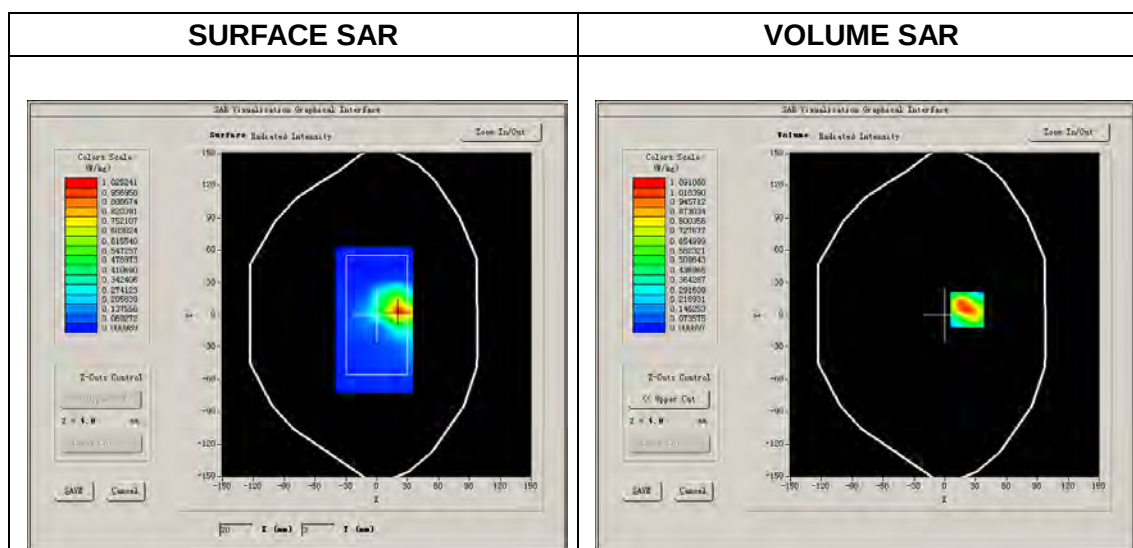
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





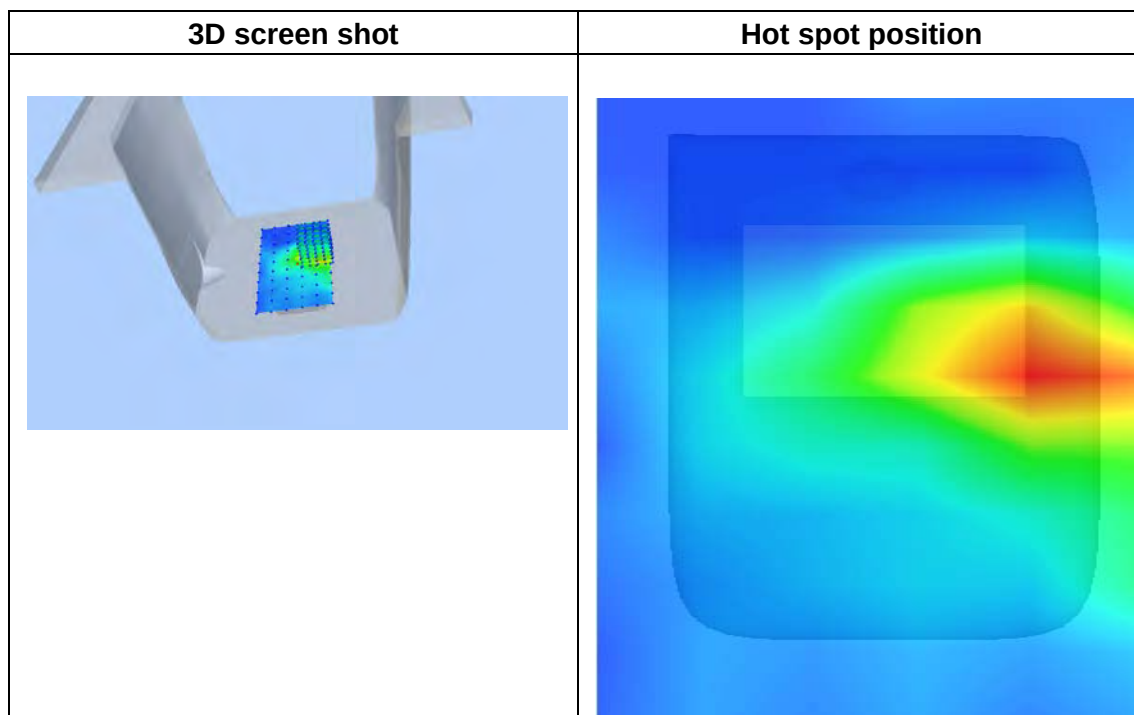
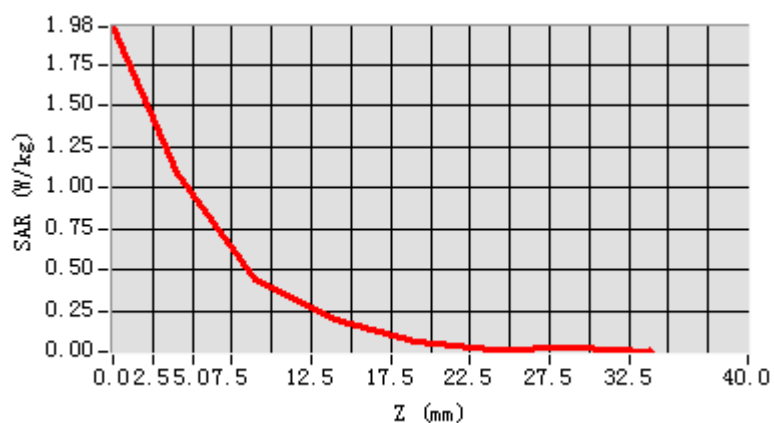
REPORT No. : SZ17040265S01

Maximum location: X=22.00, Y=5.00

SAR Peak: 2.05 W/kg

SAR 10g (W/Kg)	0.239216
SAR 1g (W/Kg)	0.646416

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.9804	1.0911	0.4444	0.1974	0.0637	0.0182	0.0227





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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

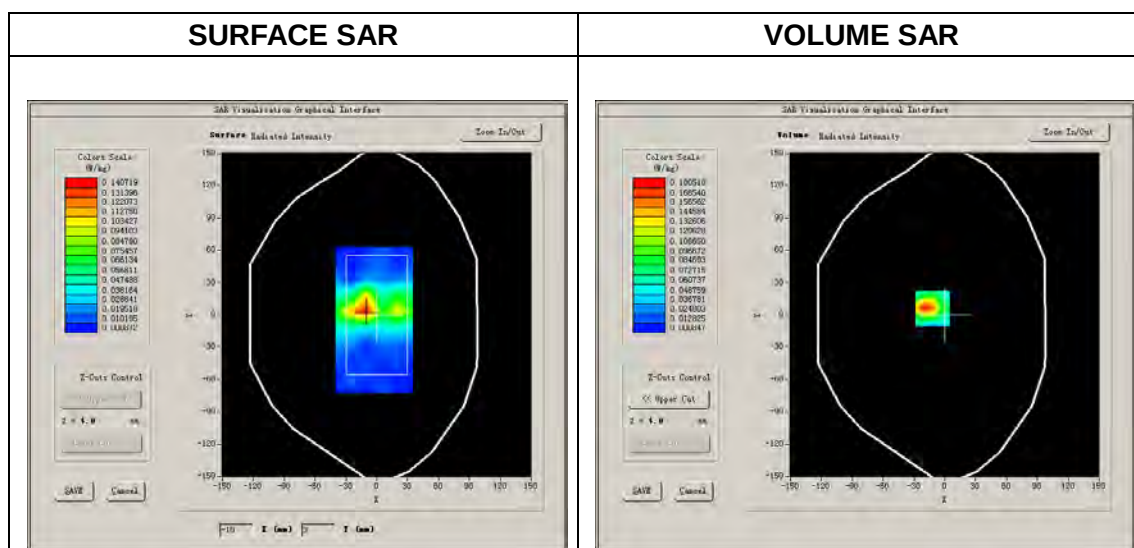
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





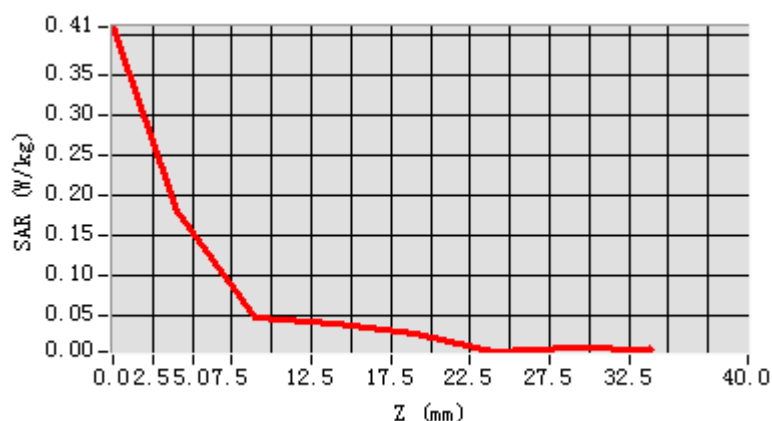
REPORT No. : SZ17040265S01

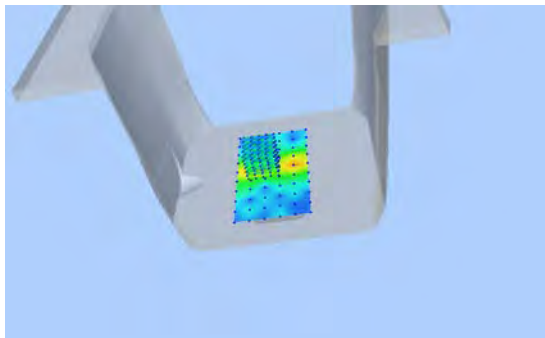
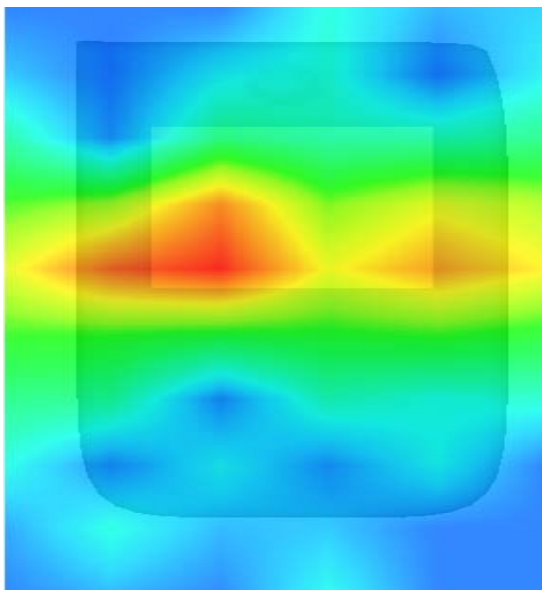
Maximum location: X=-12.00, Y=6.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.071226
SAR 1g (W/Kg)	0.171517

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4099	0.1805	0.0466	0.0394	0.0259	0.0042	0.0089



3D screen shot	Hot spot position
	

**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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

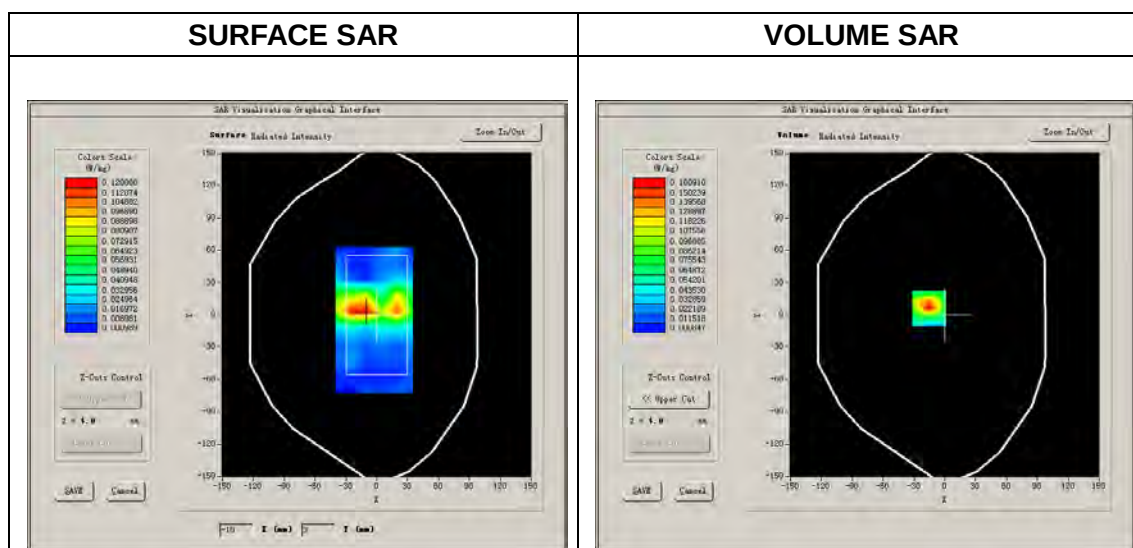
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



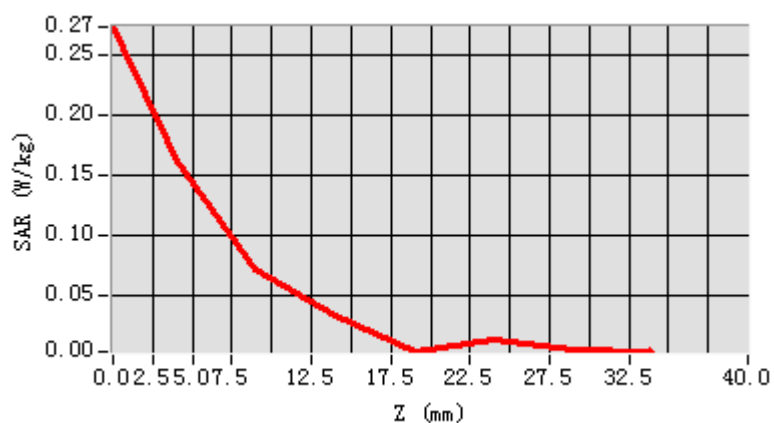
REPORT No. : SZ17040265S01

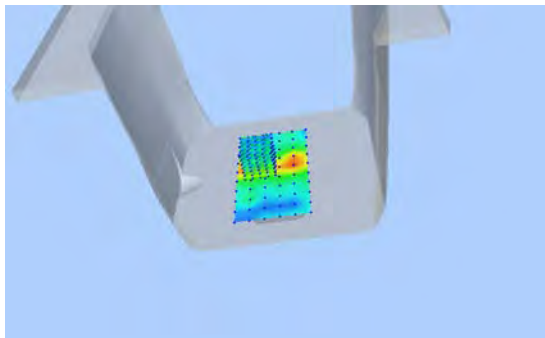
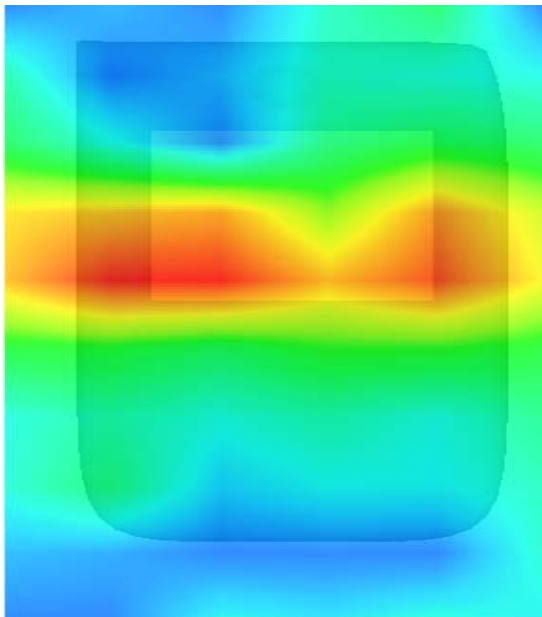
Maximum location: X=-15.00, Y=6.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.063838
SAR 1g (W/Kg)	0.146170

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2724	0.1609	0.0713	0.0345	0.0038	0.0135	0.0060



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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

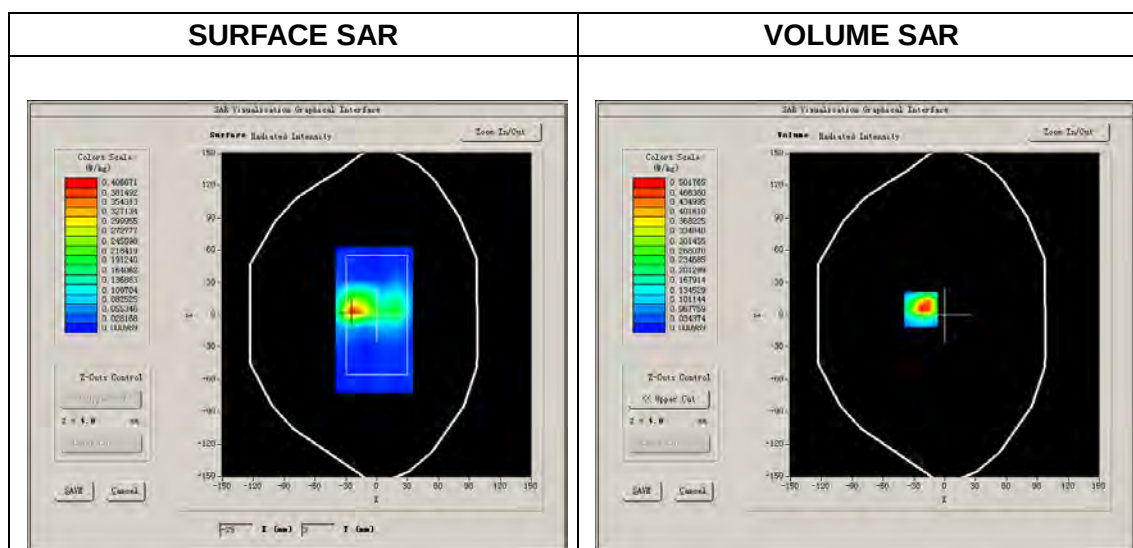
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



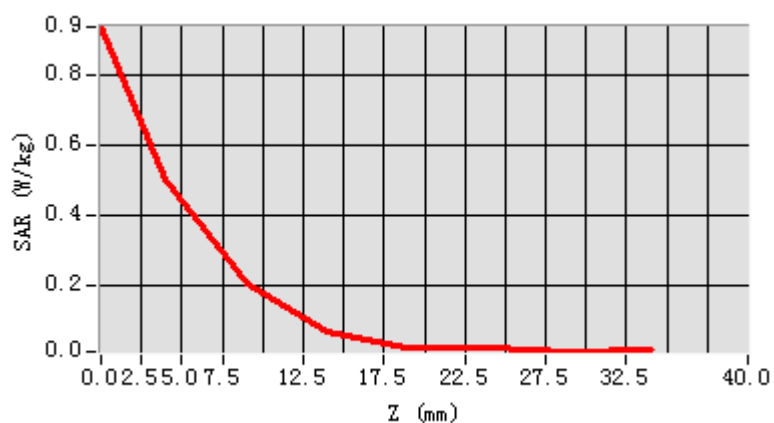
REPORT No. : SZ17040265S01

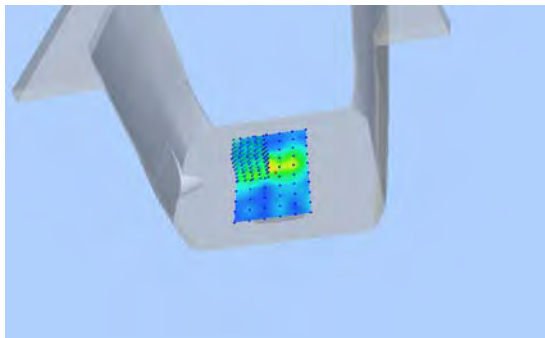
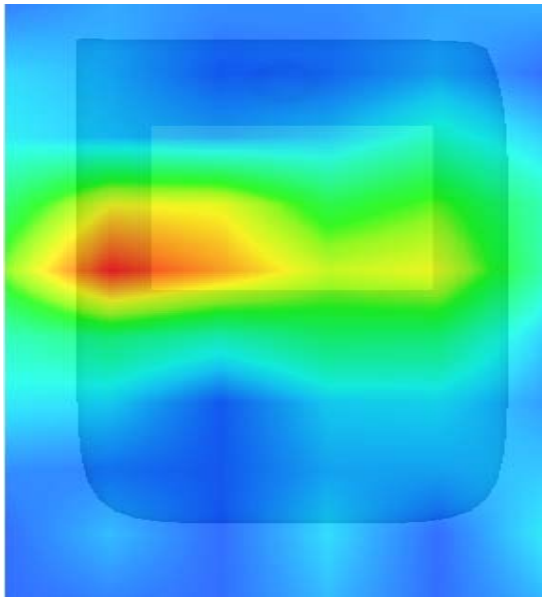
Maximum location: X=-23.00, Y=5.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.193338
SAR 1g (W/Kg)	0.493946

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9349	0.5018	0.2031	0.0686	0.0232	0.0197	0.0099



3D screen shot	Hot spot position
	



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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

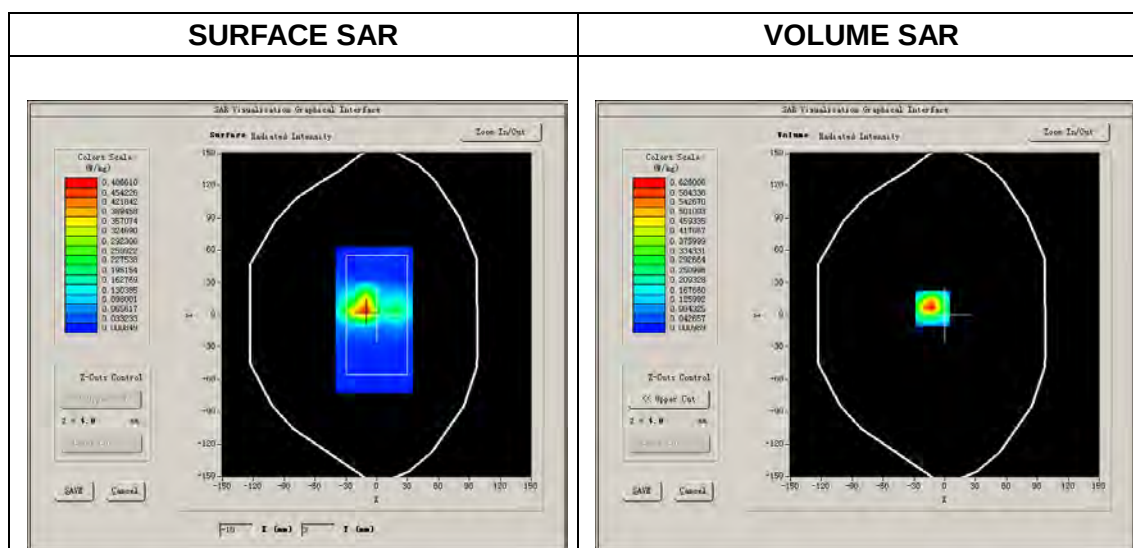
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





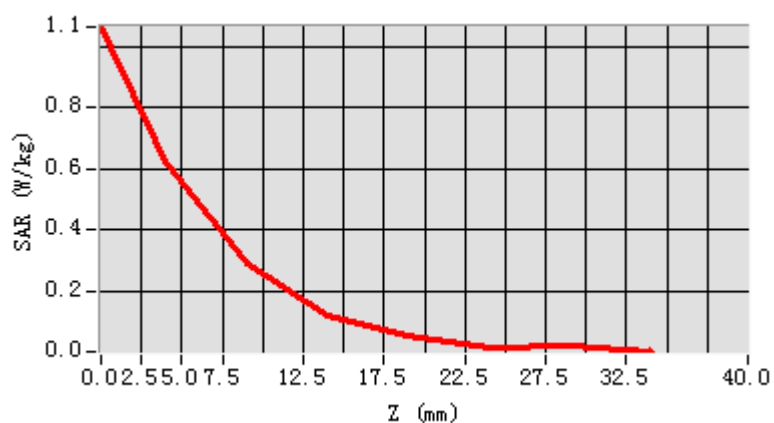
REPORT No. : SZ17040265S01

Maximum location: X=-12.00, Y=6.00

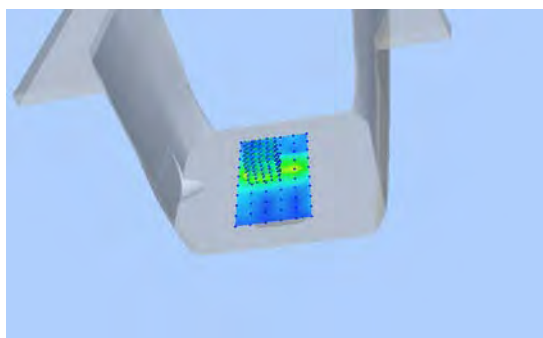
SAR Peak: 1.16 W/kg

SAR 10g (W/Kg)	0.134319
SAR 1g (W/Kg)	0.393074

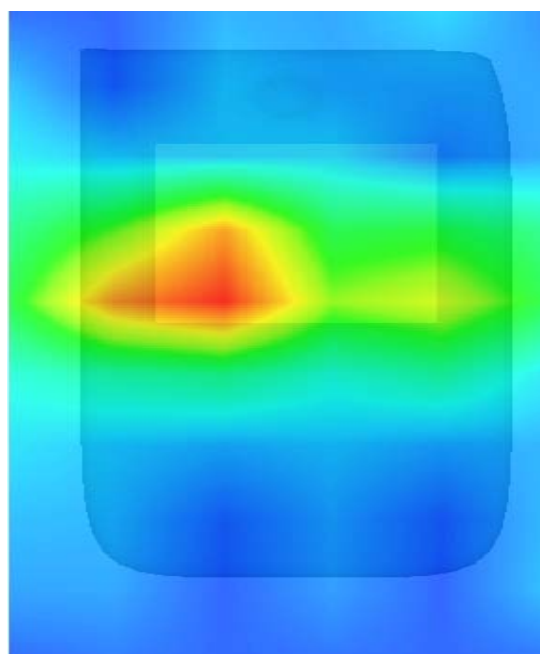
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0658	0.6260	0.2876	0.1220	0.0505	0.0147	0.0182



3D screen shot



Hot spot position



**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: 2017.08.08

Measurement duration: 13 minutes 30 seconds

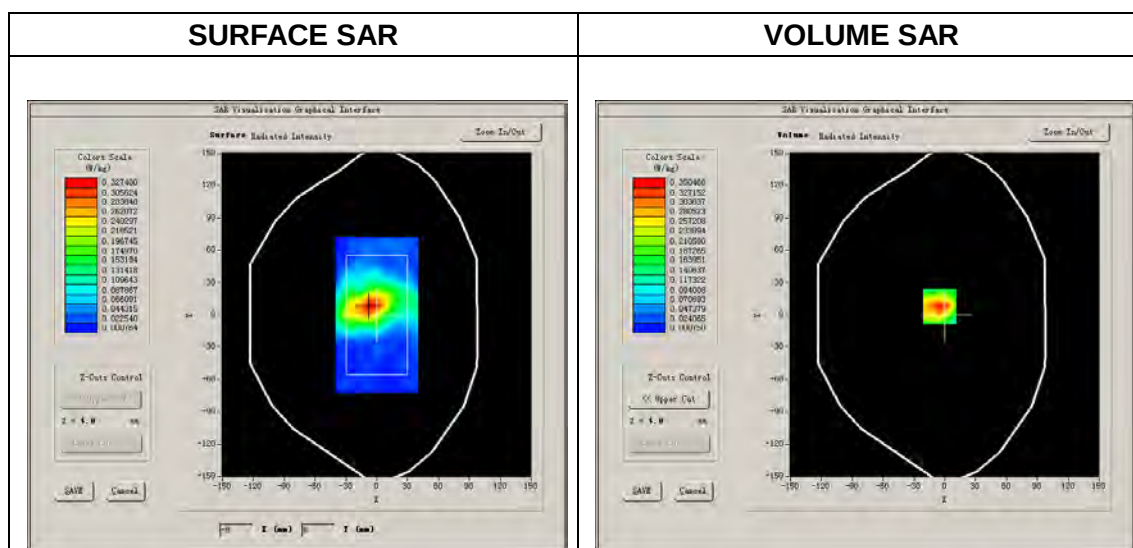
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

High Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	2.770000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



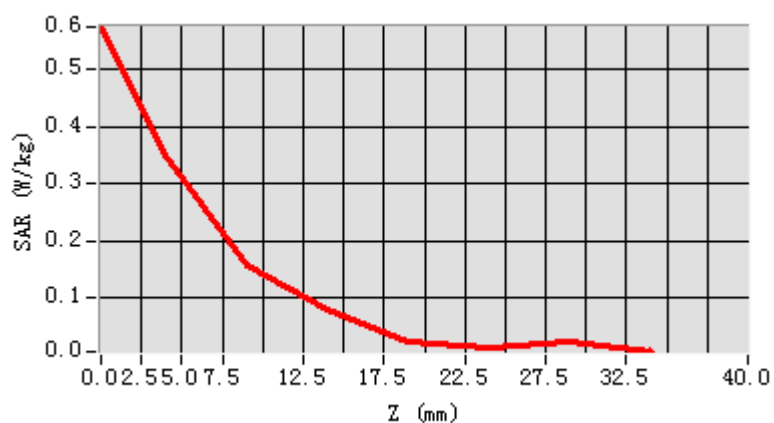
REPORT No. : SZ17040265S01

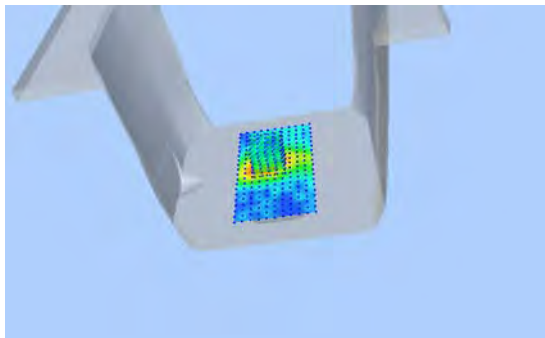
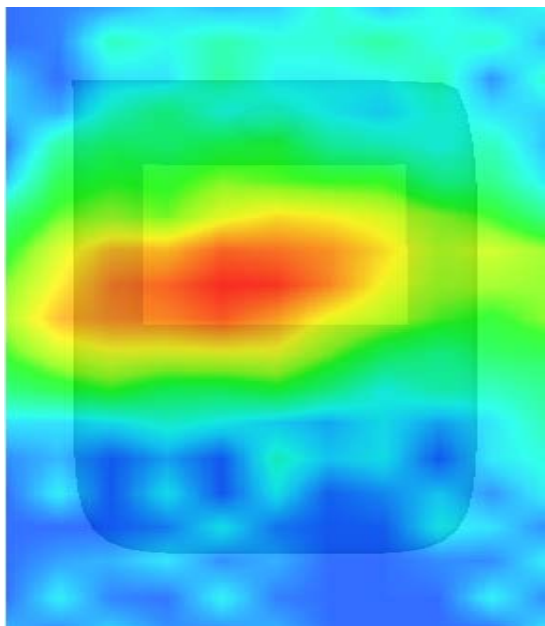
Maximum location: X=-5.00, Y=8.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.060074
SAR 1g (W/Kg)	0.114028

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5741	0.3505	0.1586	0.0803	0.0228	0.0121	0.0233



3D screen shot	Hot spot position
	

**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: 2017.07.14

Measurement duration: 13 minutes 29 seconds

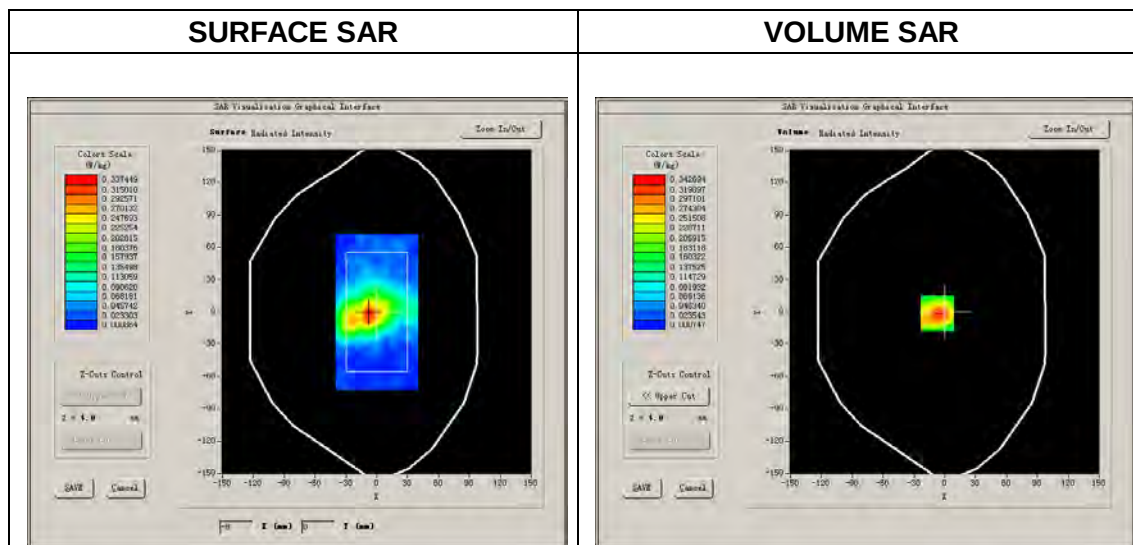
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	3.280000
Ambient Temperature:	22.0°C
Liquid Temperature:	21.8°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



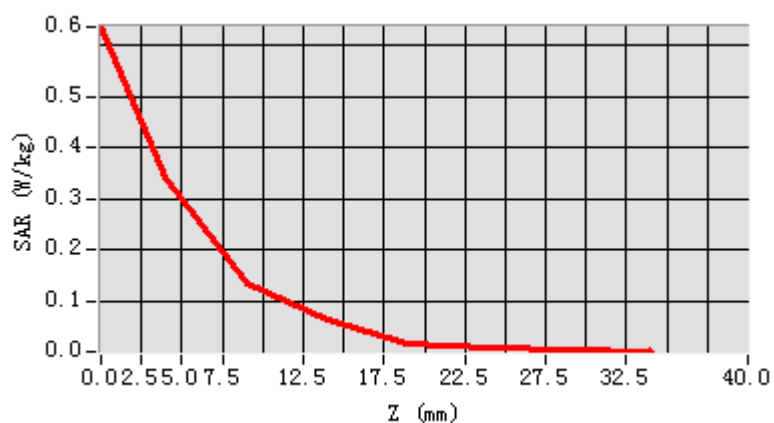
REPORT No. : SZ17040265S01

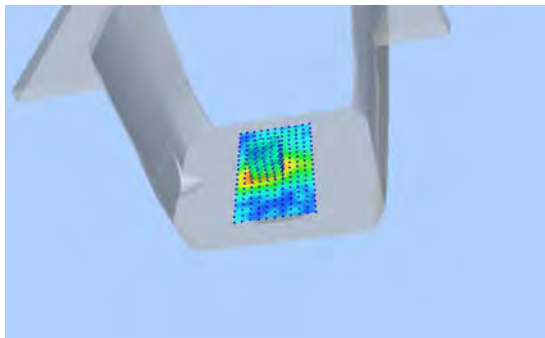
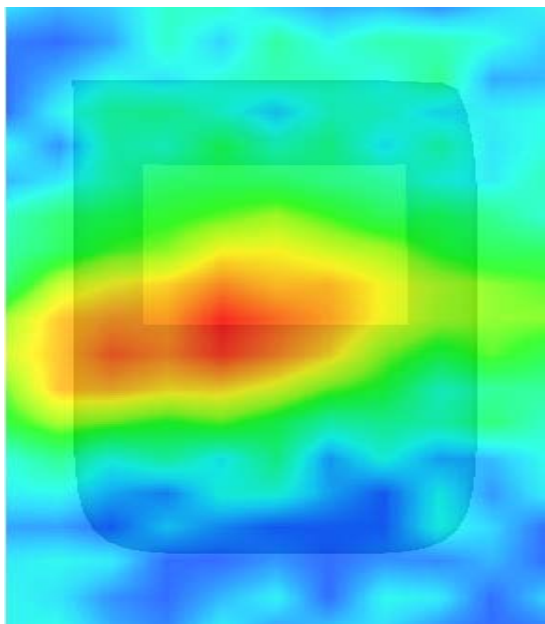
Maximum location: X=-7.00, Y=-1.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.353085
SAR 1g (W/Kg)	0.631678

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6360	0.3427	0.1330	0.0655	0.0152	0.0088	0.0043



3D screen shot	Hot spot position
	

**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: 2017.08.08

Measurement duration: 13 minutes 26 seconds

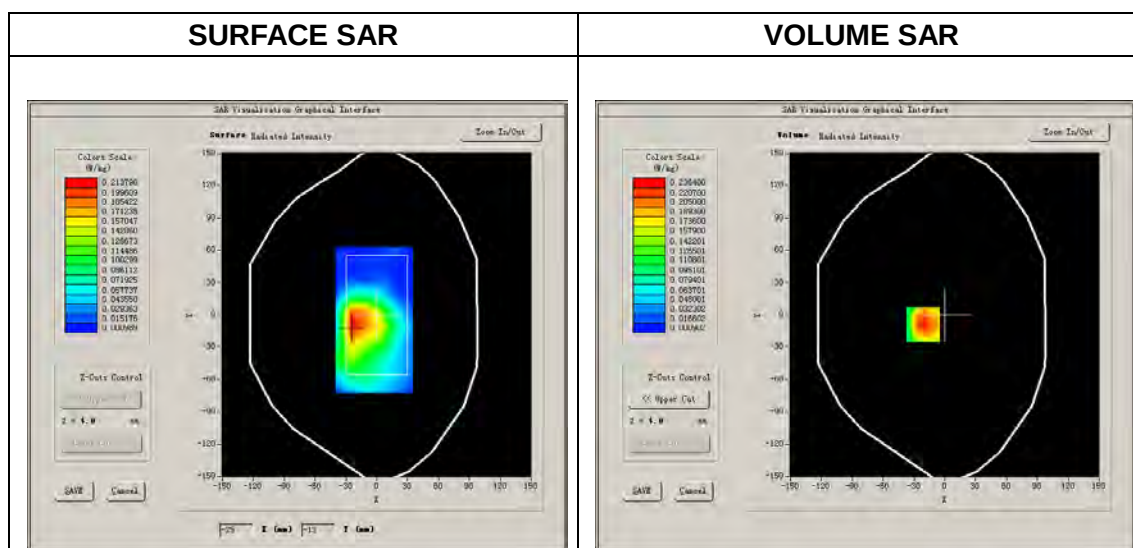
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



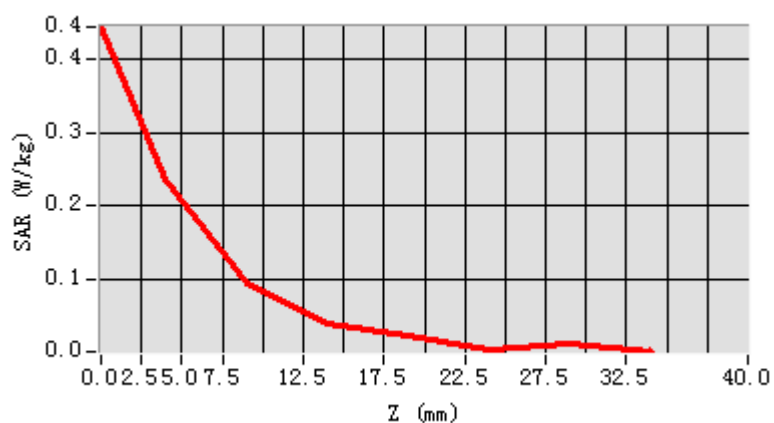
REPORT No. : SZ17040265S01

Maximum location: X=-21.00, Y=-9.00

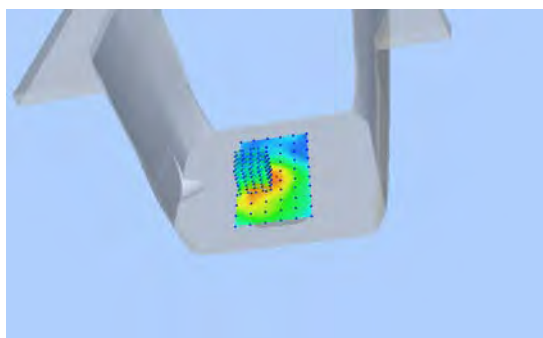
SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.110826
SAR 1g (W/Kg)	0.230357

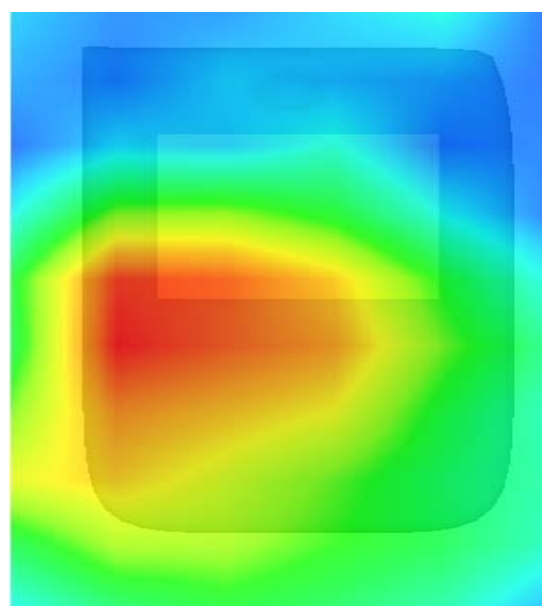
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4435	0.2364	0.0927	0.0383	0.0232	0.0049	0.0132



3D screen shot



Hot spot position





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: 2017.08.08

Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

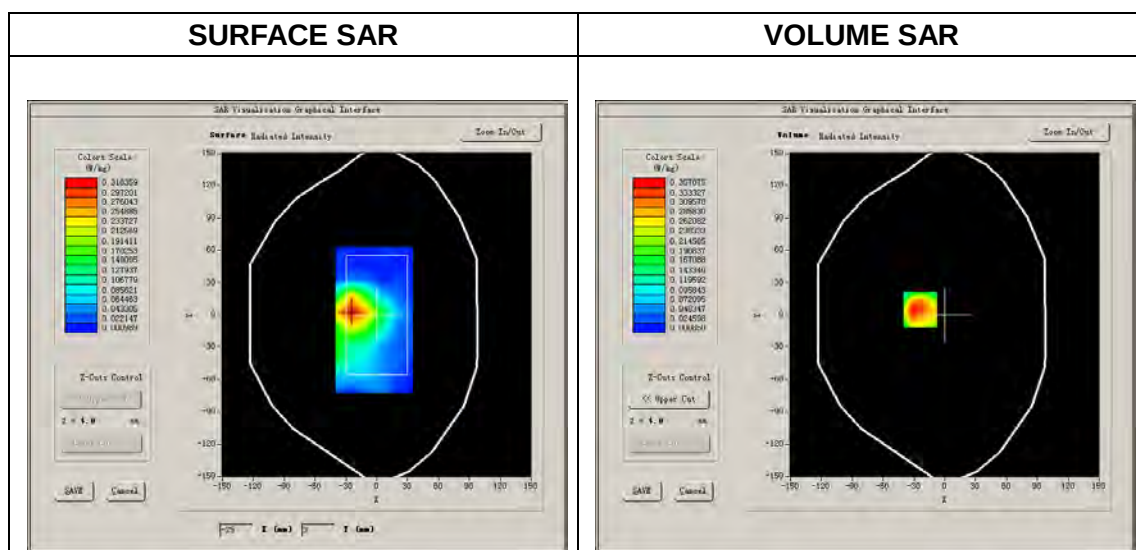
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





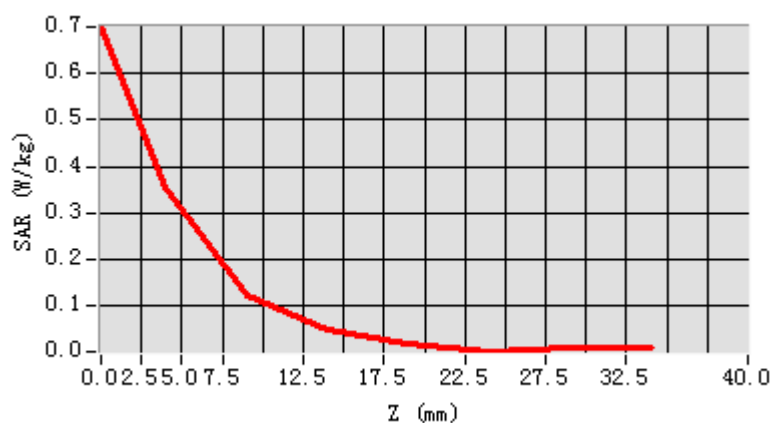
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=5.00

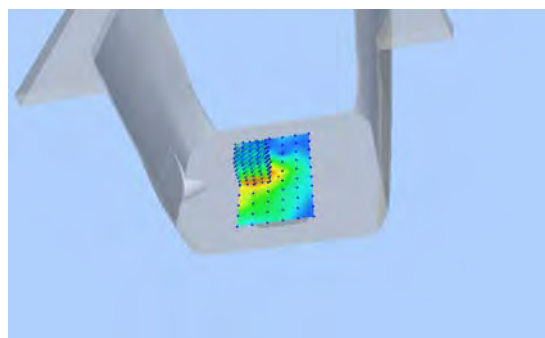
SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.161309
SAR 1g (W/Kg)	0.348890

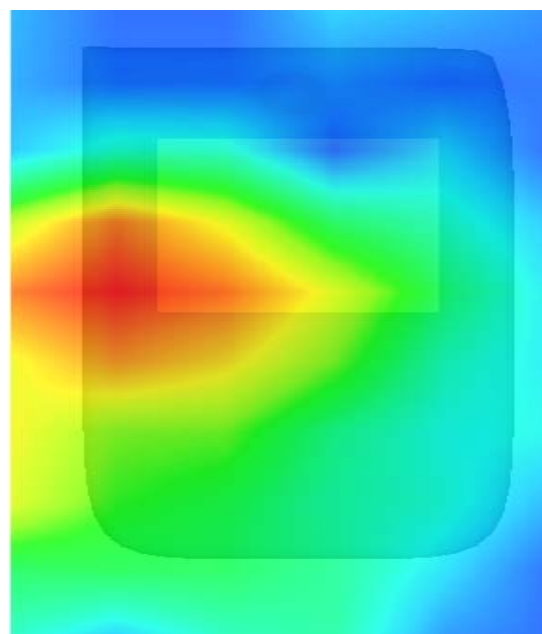
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7005	0.3571	0.1238	0.0506	0.0169	0.0013	0.0111



3D screen shot



Hot spot position



**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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

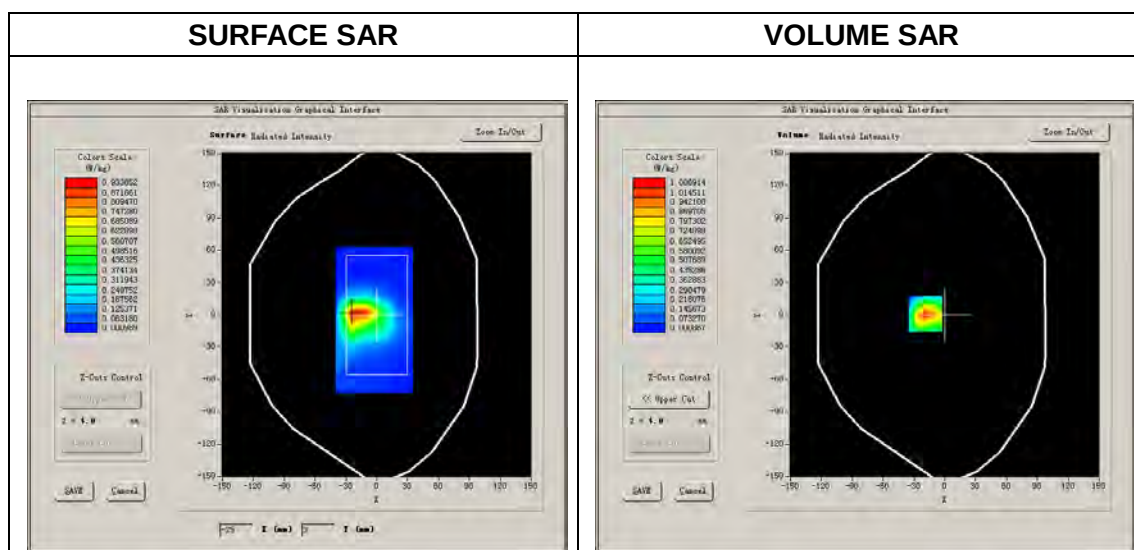
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	2.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



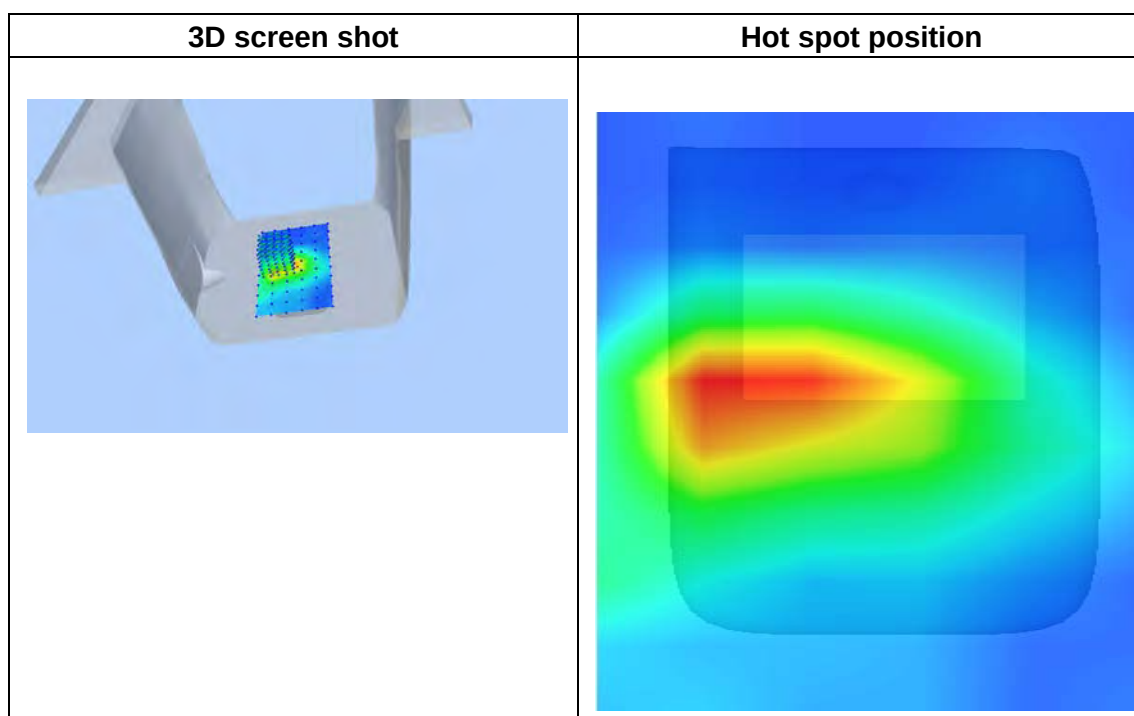
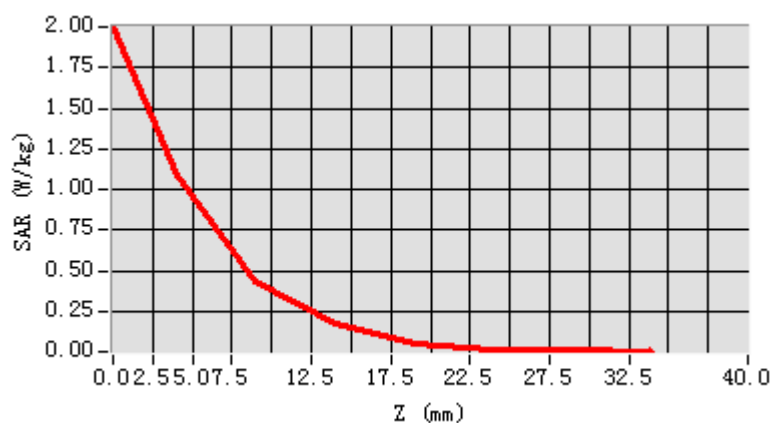
REPORT No. : SZ17040265S01

Maximum location: X=-19.00, Y=1.00

SAR Peak: 1.97 W/kg

SAR 10g (W/Kg)	0.430306
SAR 1g (W/Kg)	0.703357

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0027	1.0869	0.4321	0.1813	0.0524	0.0137	0.0140





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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

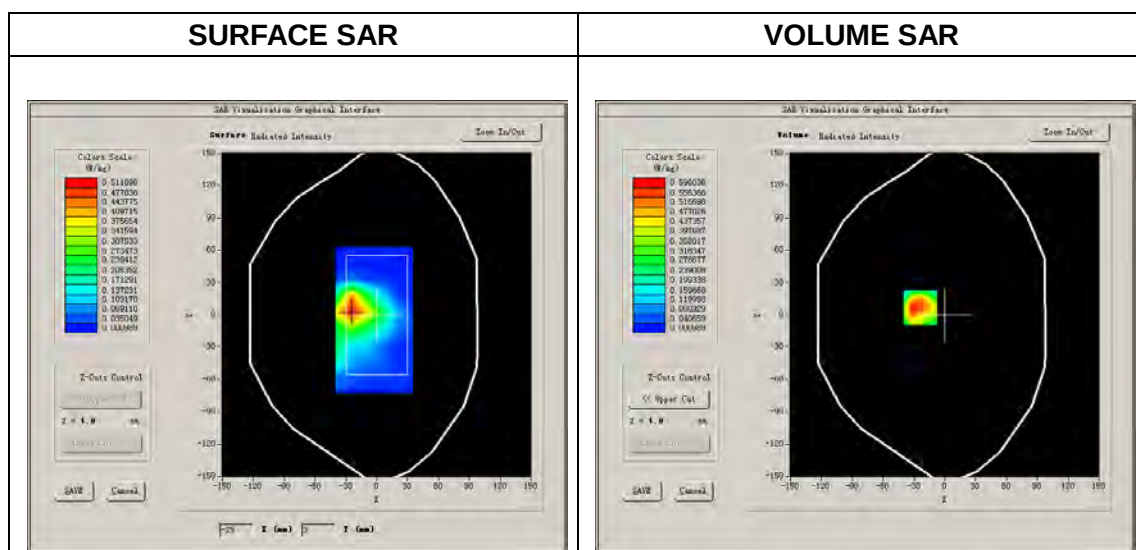
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.250000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





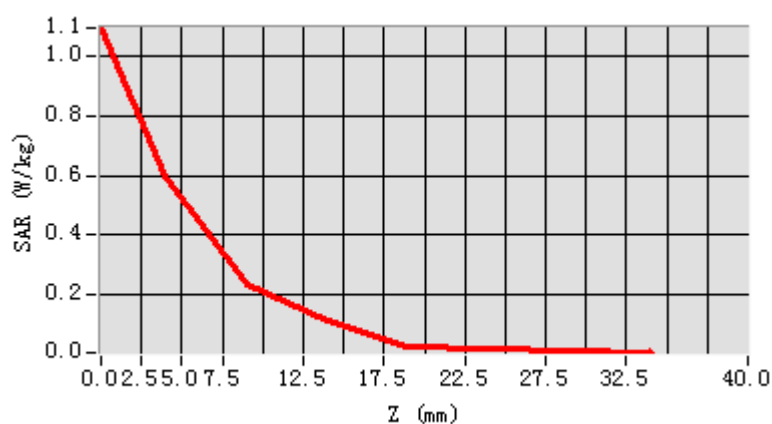
REPORT No. : SZ17040265S01

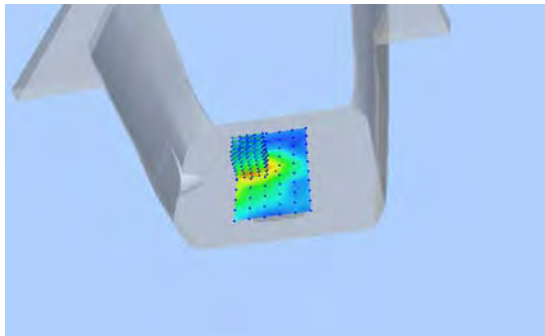
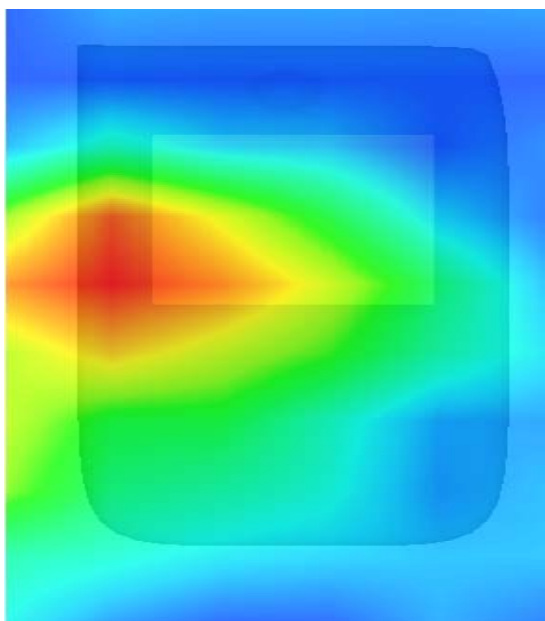
Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.254265
SAR 1g (W/Kg)	0.578764

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0976	0.5960	0.2357	0.1104	0.0264	0.0195	0.0100



3D screen shot	Hot spot position
	

**MEASUREMENT 25**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

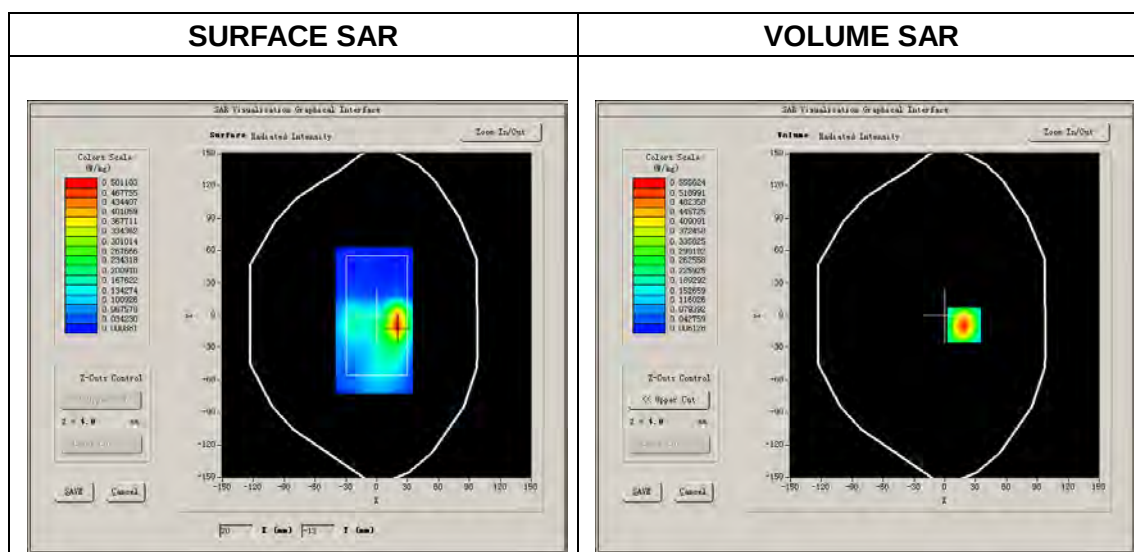
A. Experimental conditions.

<u>Phantom File</u>	<u>surf sam plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-2.466000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





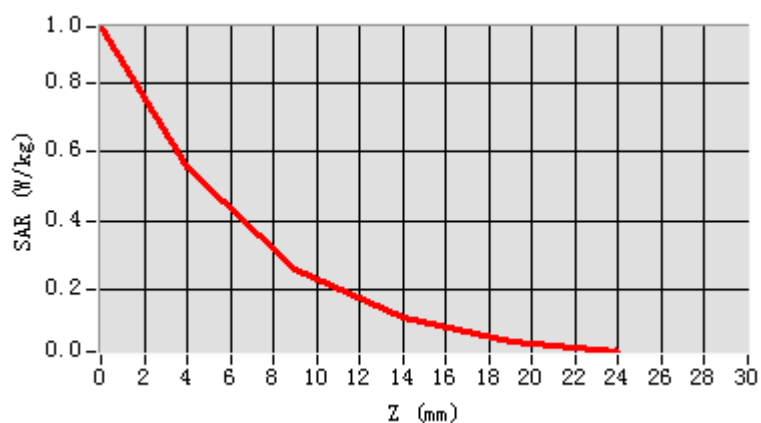
REPORT No. : SZ17040265S01

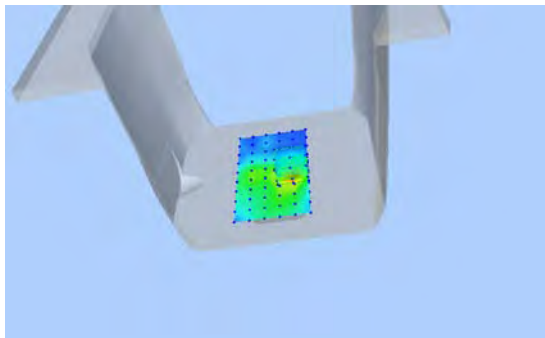
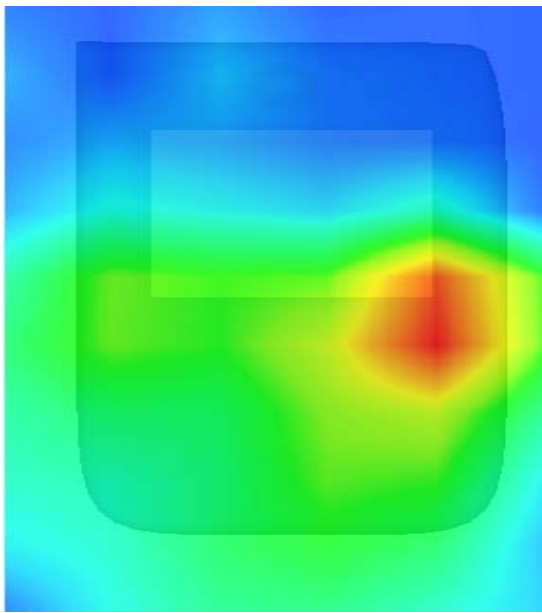
Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.212265
SAR 1g (W/Kg)	0.566964

Z (mm)	0.00	4.00	9.00	14.00	19.00	0.00	4.00
SAR (W/Kg)	0.9612	0.5556	0.2621	0.1187	0.0546	0.9612	0.5556



3D screen shot	Hot spot position
	



MEASUREMENT 26

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

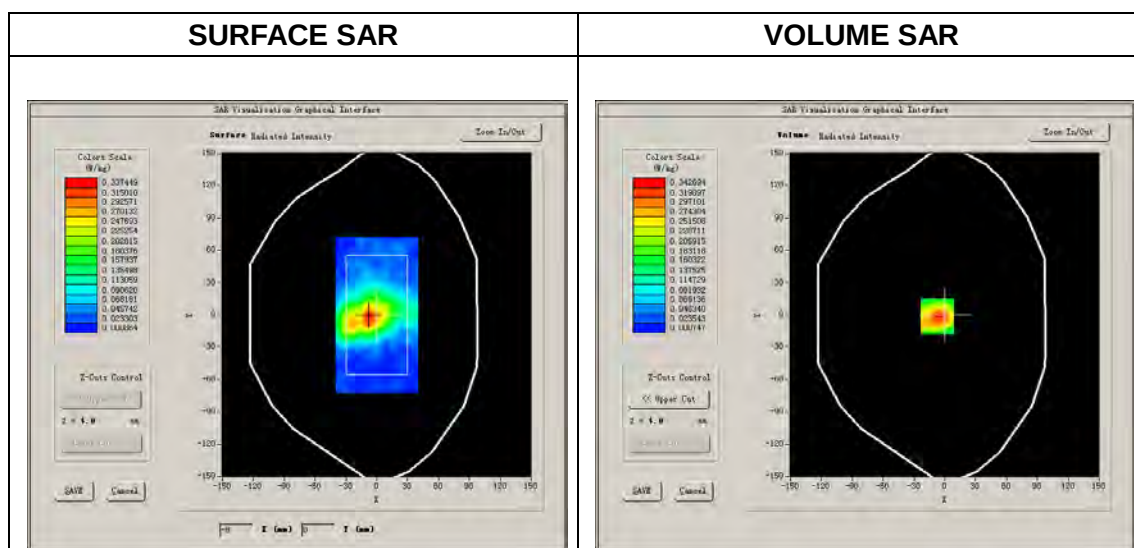
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.112000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



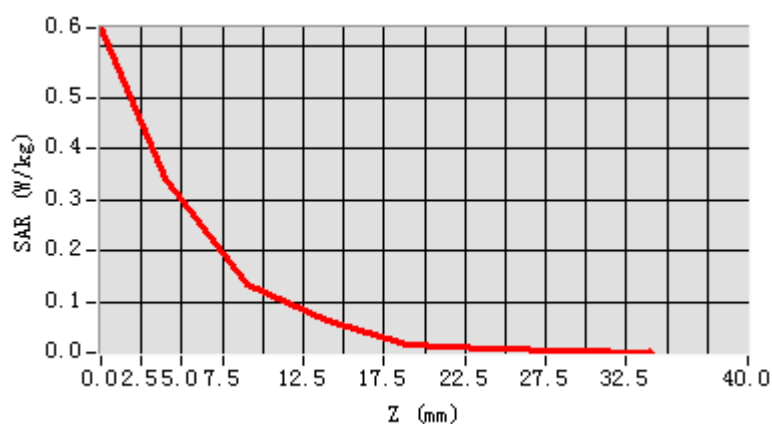


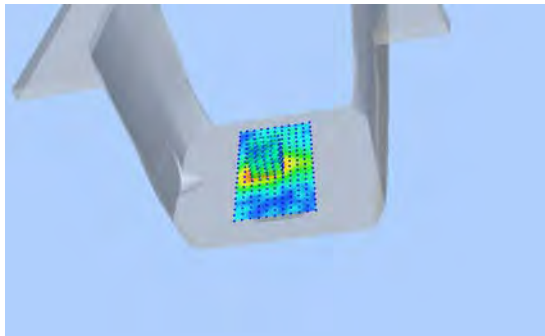
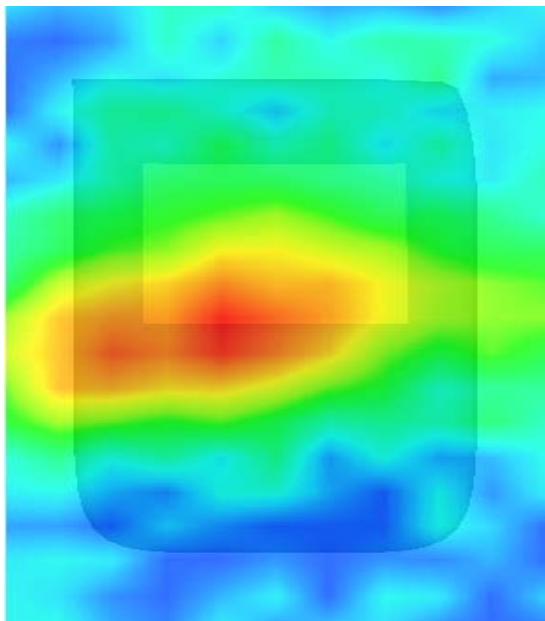
Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.112265
SAR 1g (W/Kg)	0.290164

Z (mm)	0.00	4.00	9.00	14.00	19.00	0.00	4.00
SAR (W/Kg)	0.9612	0.5556	0.2621	0.1187	0.0546	0.9612	0.5556



3D screen shot	Hot spot position
	



MEASUREMENT 27

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

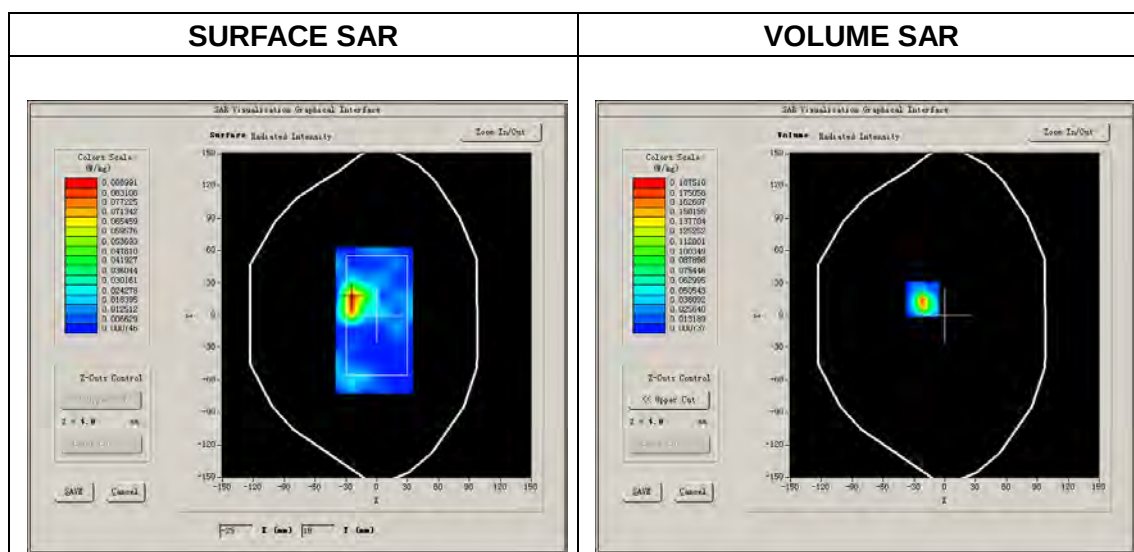
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	0.232000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





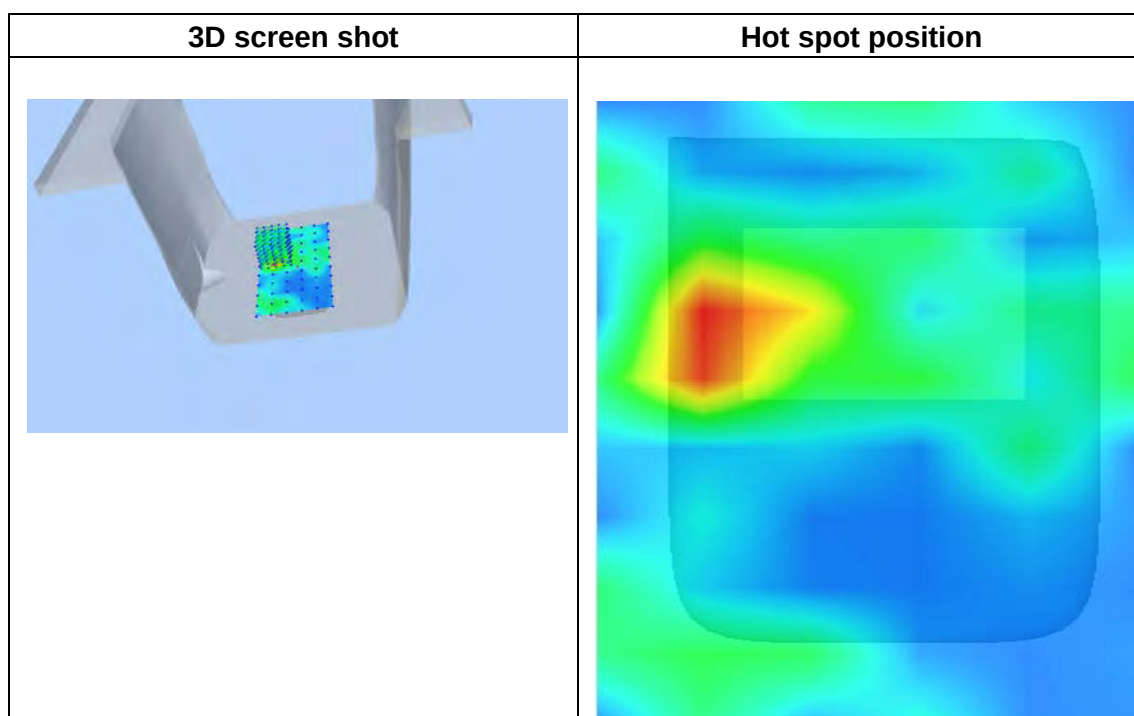
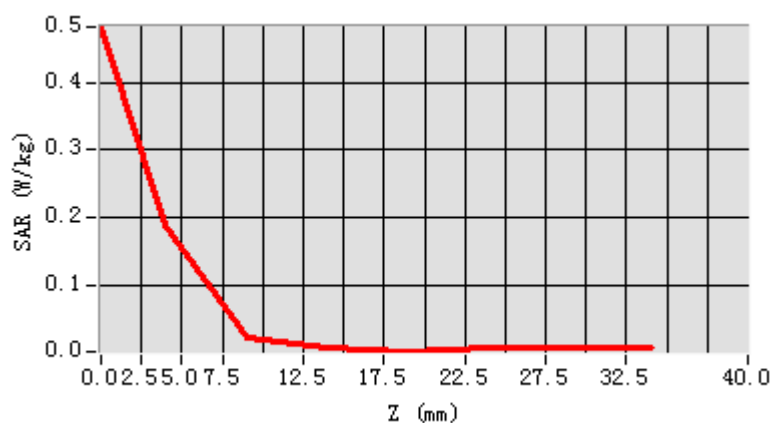
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.047160
SAR 1g (W/Kg)	0.180297

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4820	0.1875	0.0202	0.0069	0.0009	0.0061	0.0072





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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

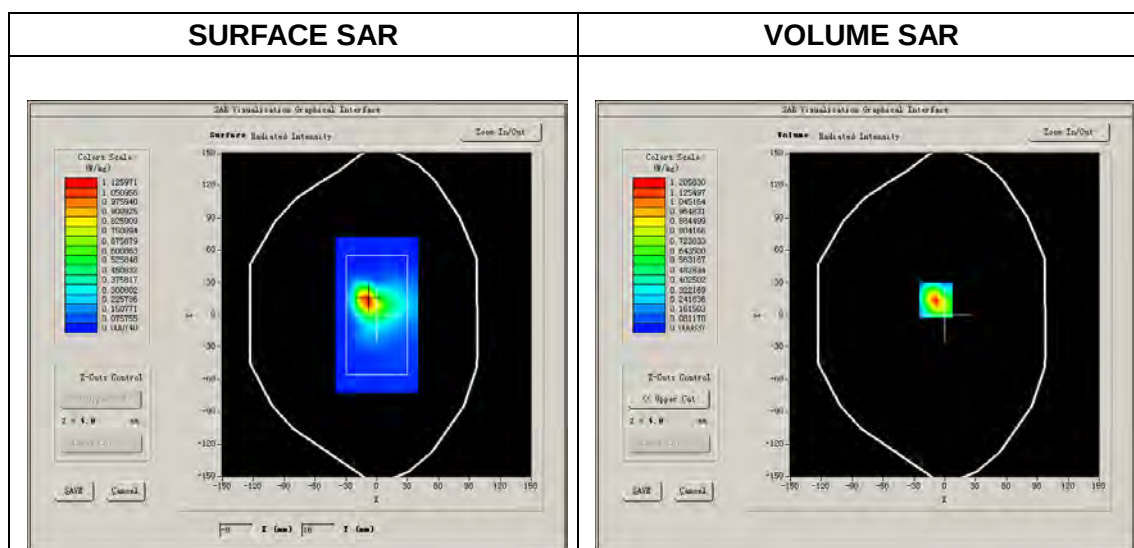
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	2.100000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





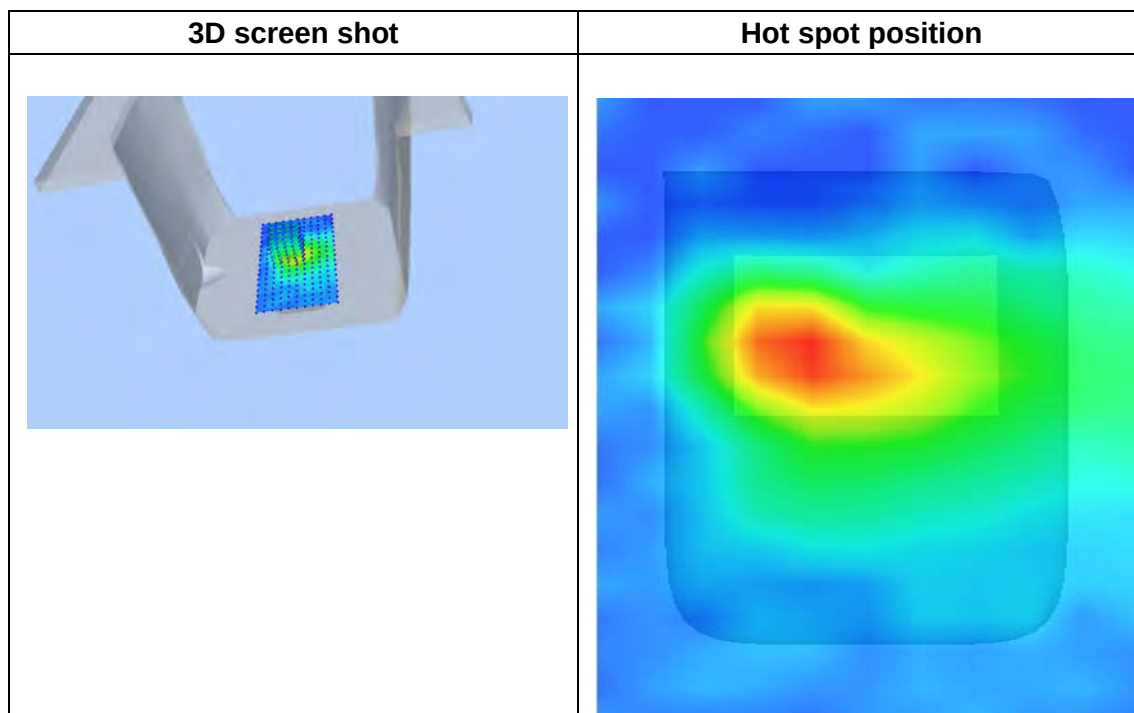
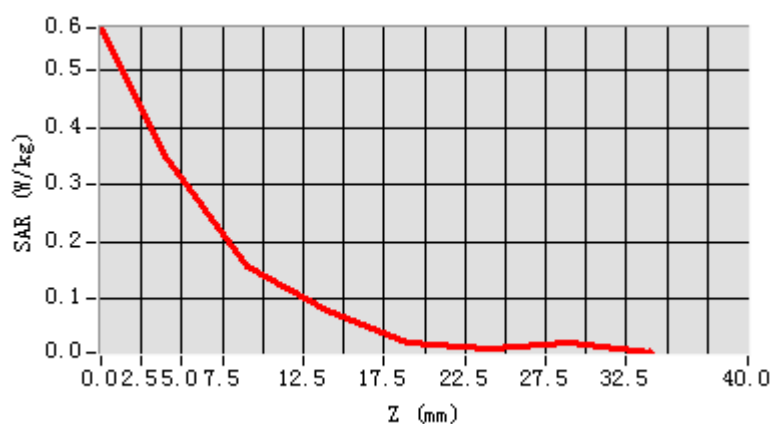
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.108188
SAR 1g (W/Kg)	0.213275

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4820	0.1875	0.0202	0.0069	0.0009	0.0061	0.0072





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: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

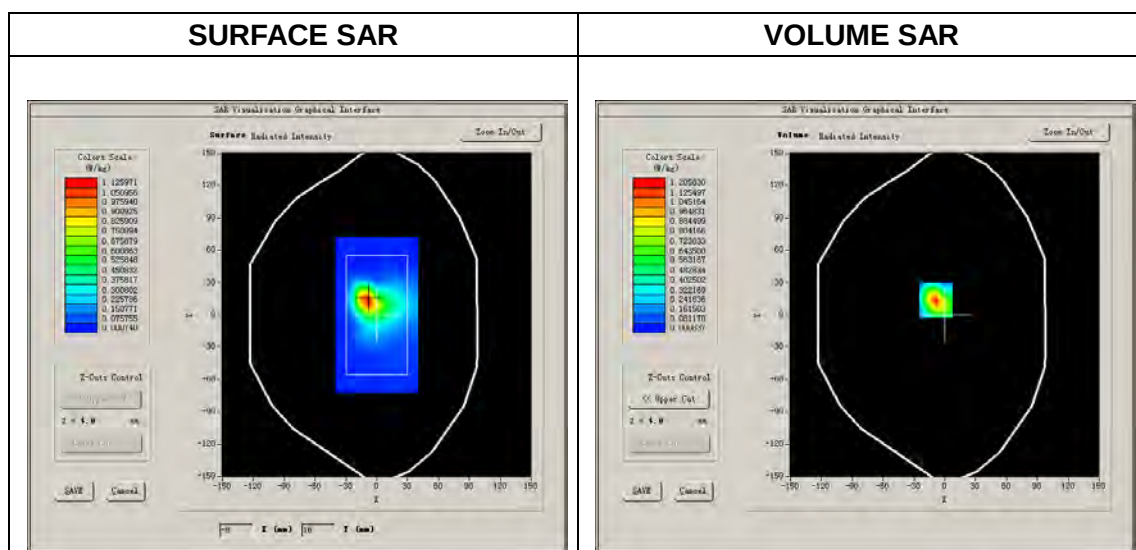
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.020000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





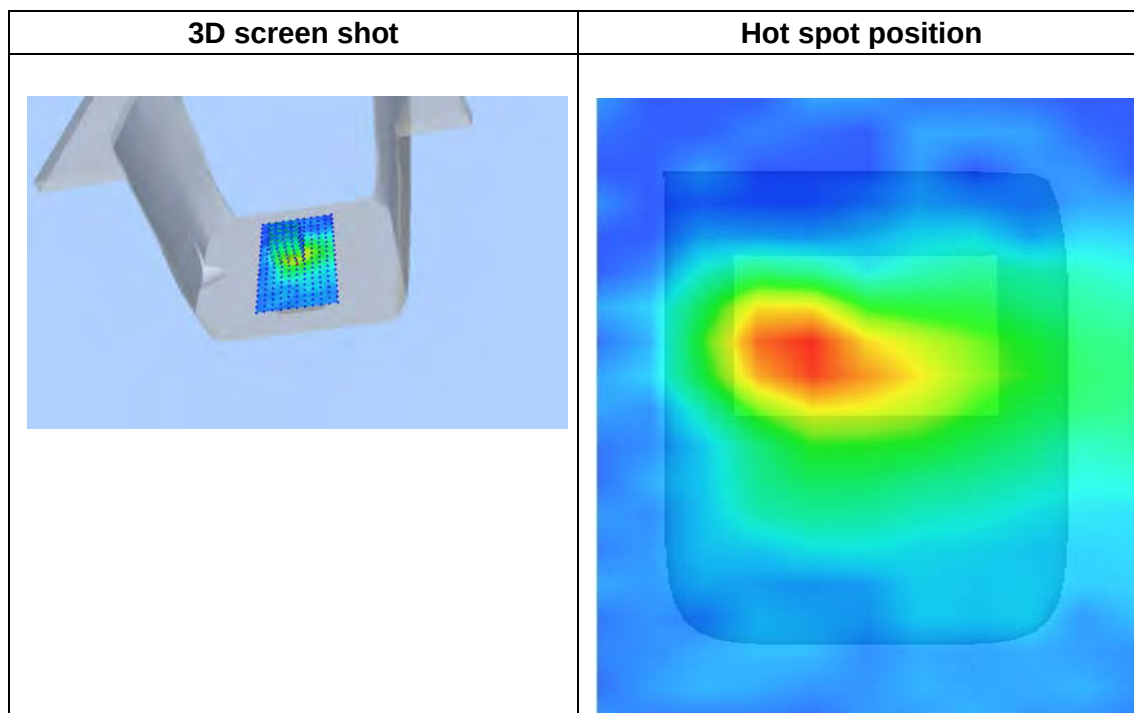
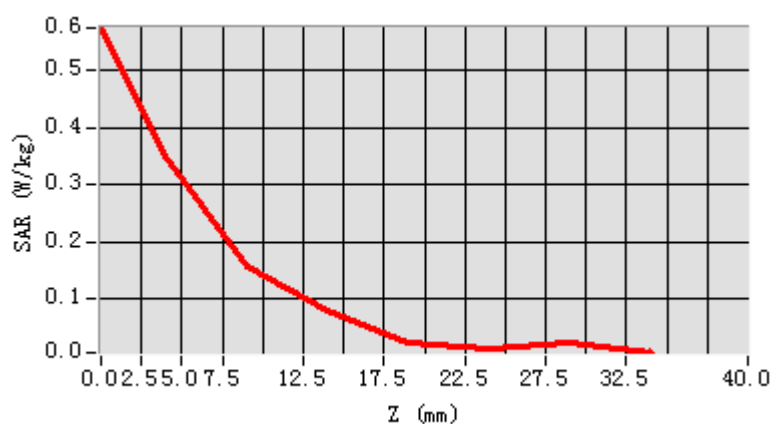
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.108188
SAR 1g (W/Kg)	0.213275

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4820	0.1875	0.0202	0.0069	0.0009	0.0061	0.0072





MEASUREMENT 29

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

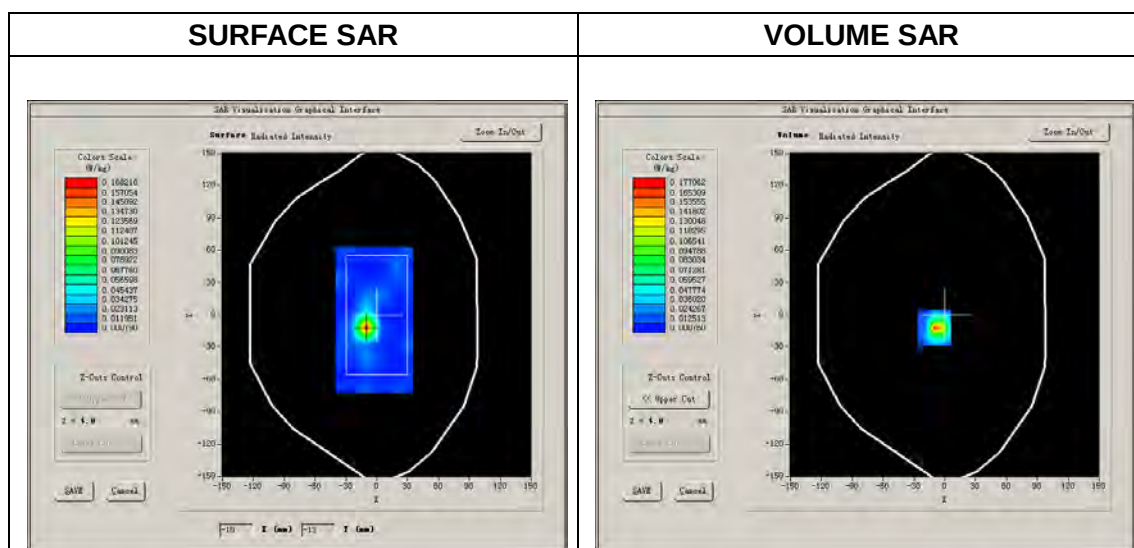
<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.020000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR





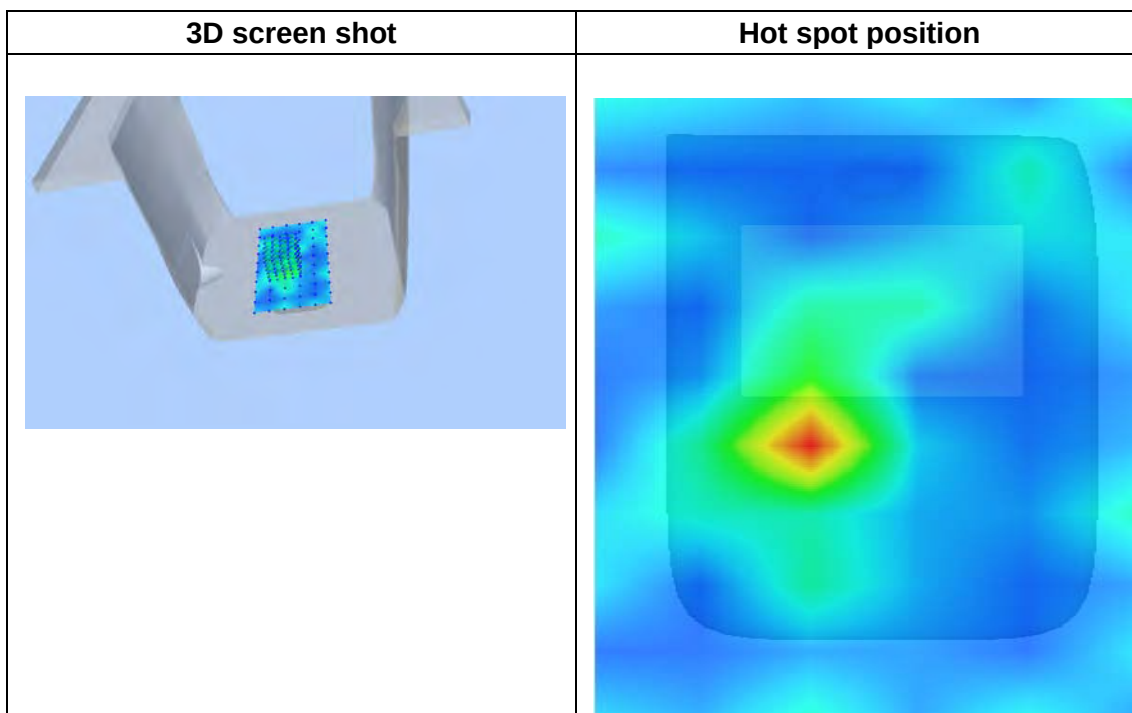
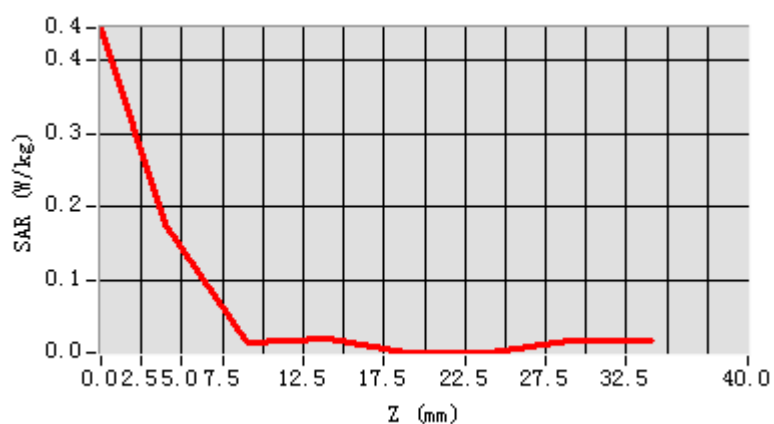
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.038188
SAR 1g (W/Kg)	0.095275

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4436	0.1771	0.0151	0.0190	0.0009	0.0009	0.0184



**MEASUREMENT 30**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 4 seconds

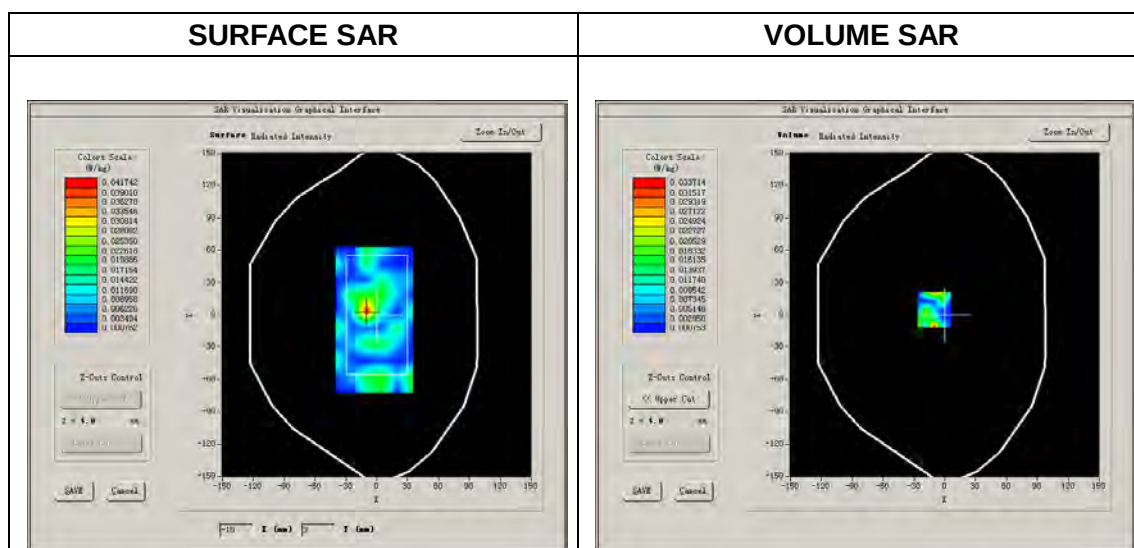
A. Experimental conditions.

<u>Phantom File</u>	<u>surf_sam_plan.txt</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.332000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

SURFACE SAR



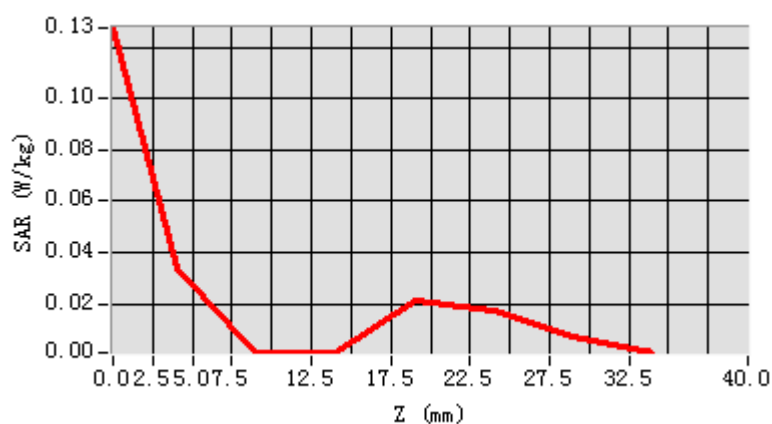
REPORT No. : SZ17040265S01

Maximum location: X=-24.00, Y=7.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.026647
SAR 1g (W/Kg)	0.088144

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1276	0.0337	0.0009	0.0009	0.0209	0.0174	0.0070



3D screen shot	Hot spot position
