

**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: 2015.08.11

Measurement duration: 8 minutes 39 seconds

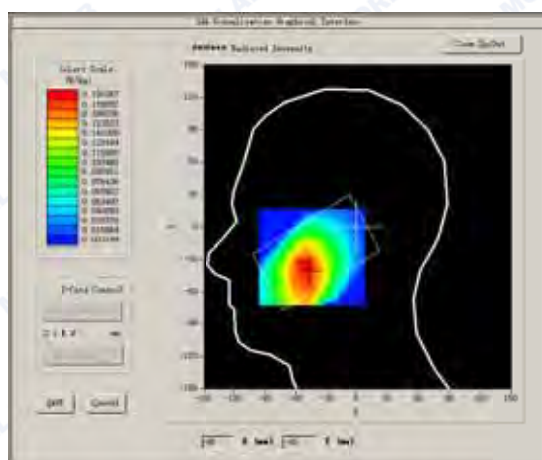
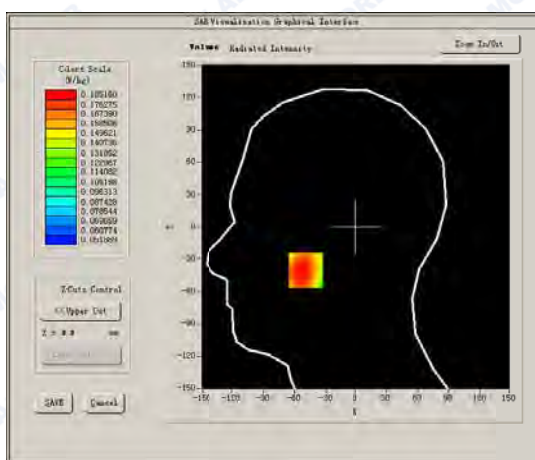
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 190):

Frequency (MHz)	836.600000
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift (%)	2.550000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:8

SURFACE SAR**VOLUME SAR**



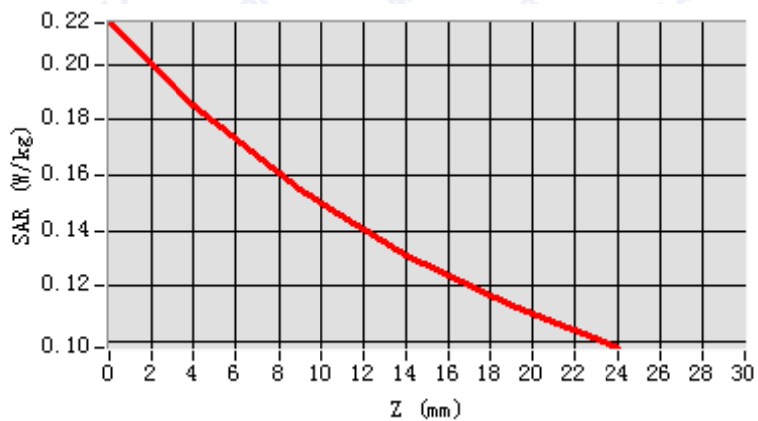
REPORT No. : SZ15070060S01

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

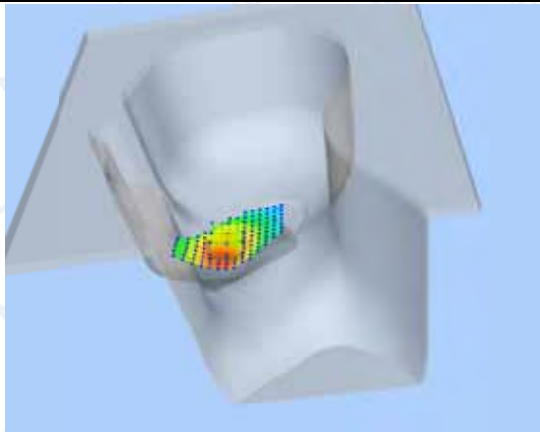
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.144444
SAR 1g (W/Kg)	0.182051

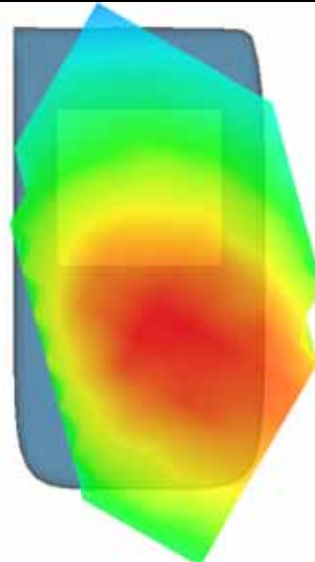
Z axis scan



3D screen shot



Hot spot position





REPORT No. : SZ15070060S01

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: 2015.08.11

Measurement duration: 9 minutes 33 seconds

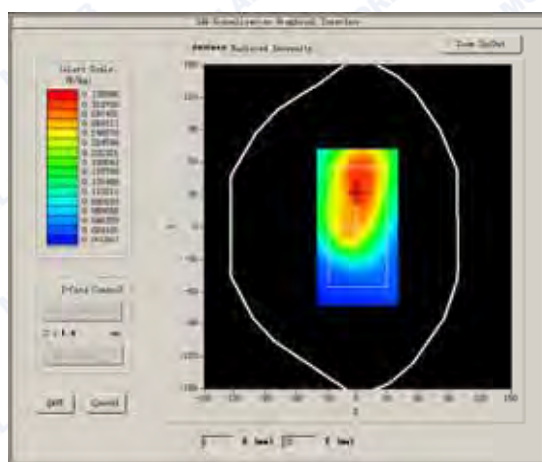
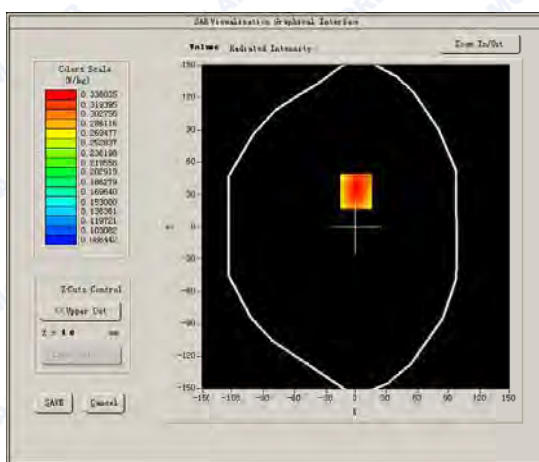
A. Experimental conditions.

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**



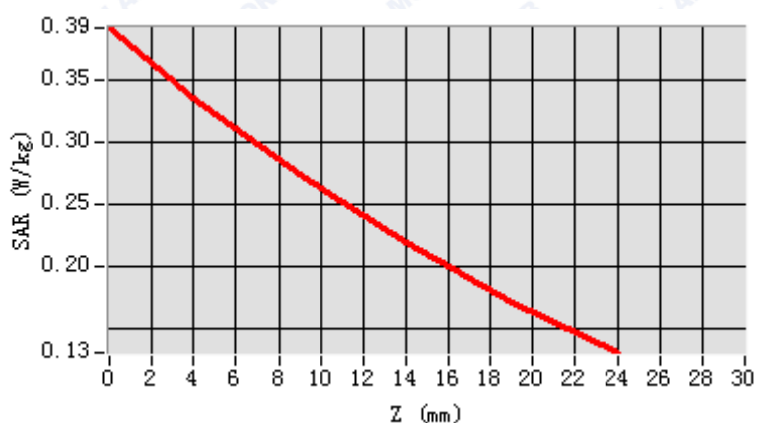
REPORT No. : SZ15070060S01

Maximum location: X=0.00, Y=33.00

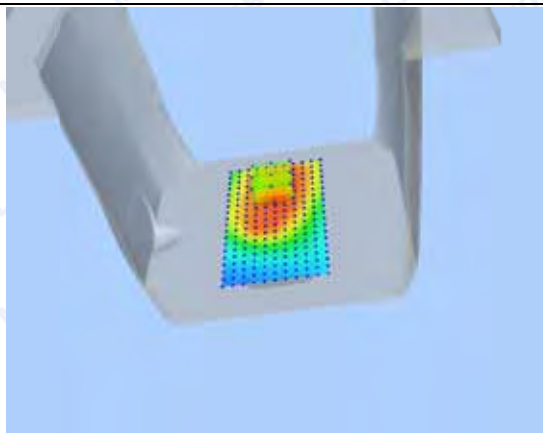
SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.252597
SAR 1g (W/Kg)	0.330665

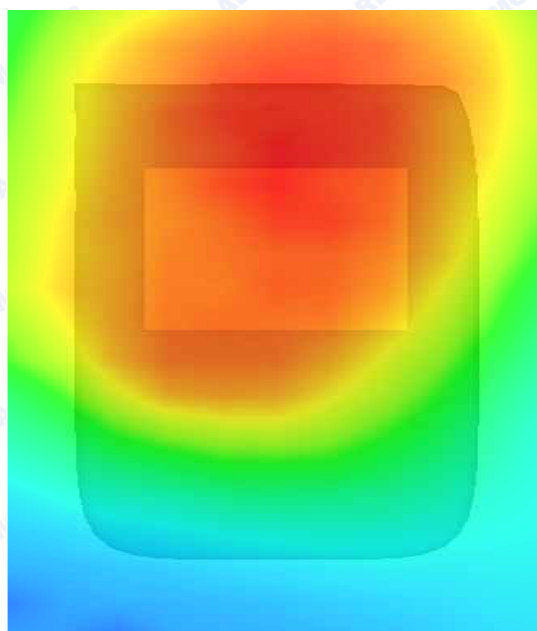
Z axis scan



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: 2015.08.12

Measurement duration: 9 minutes 38 seconds

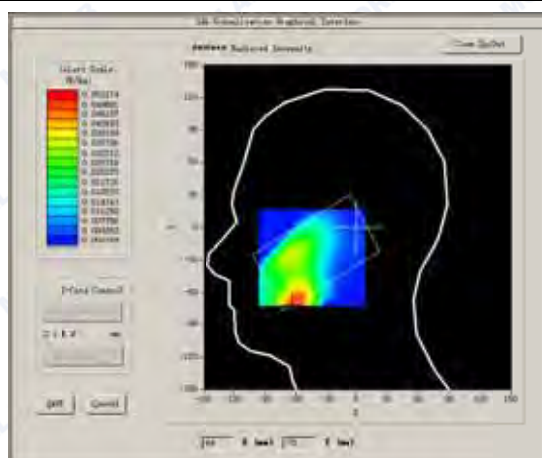
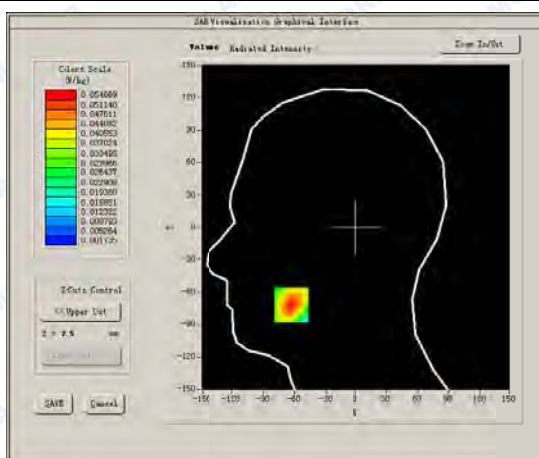
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.984068
Conductivity (S/m)	1.409657
Power drift(%)	2.230000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:8

SURFACE SAR**VOLUME SAR**



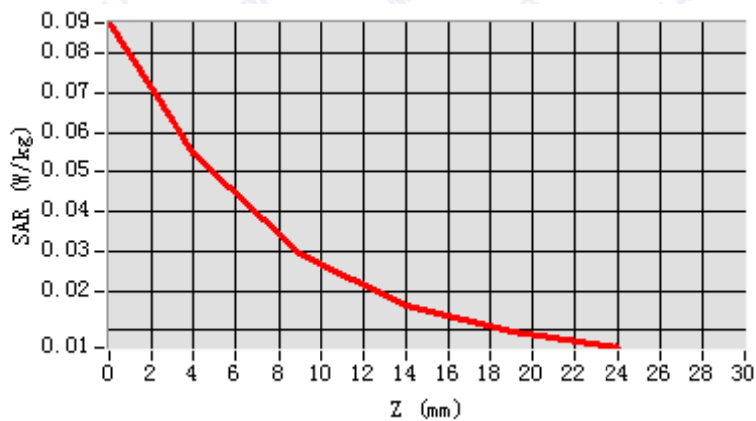
REPORT No. : SZ15070060S01

Maximum location: X=-63.00, Y=-72.00

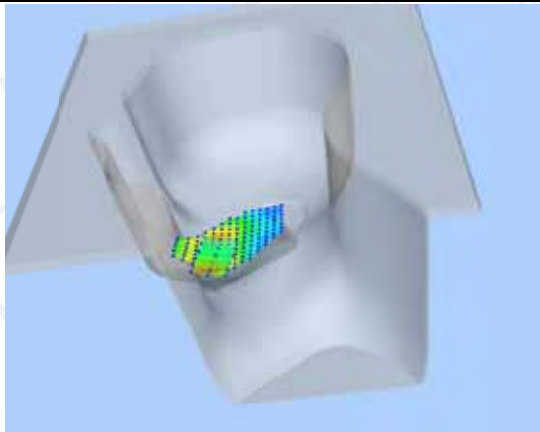
SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.028227
SAR 1g (W/Kg)	0.051545

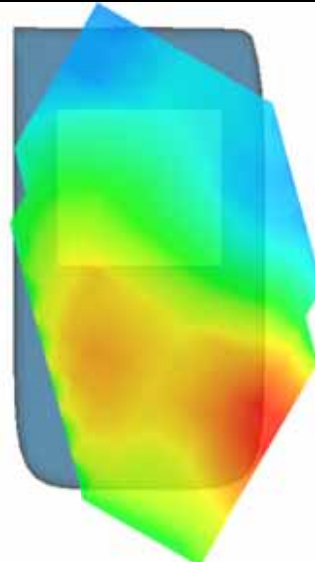
Z axis scan



3D screen shot



Hot spot position





REPORT No. : SZ15070060S01

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: 2015.08.12

Measurement duration: 9 minutes 31 seconds

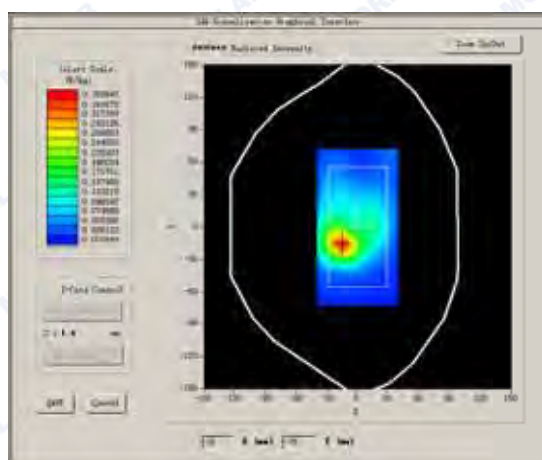
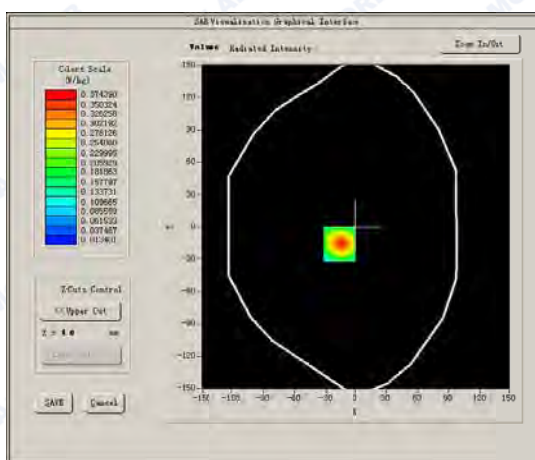
A. Experimental conditions.

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

B. SAR Measurement Result

High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
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**



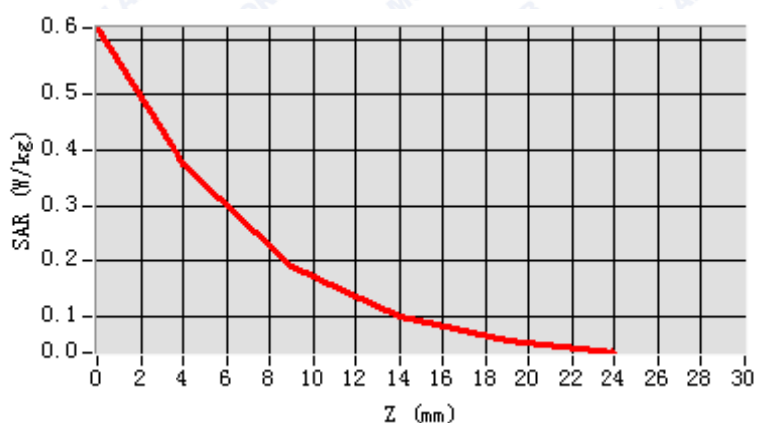
REPORT No. : SZ15070060S01

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

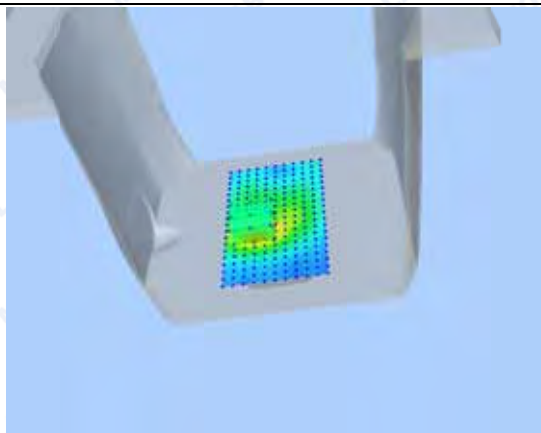
SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.181654
SAR 1g (W/Kg)	0.356577

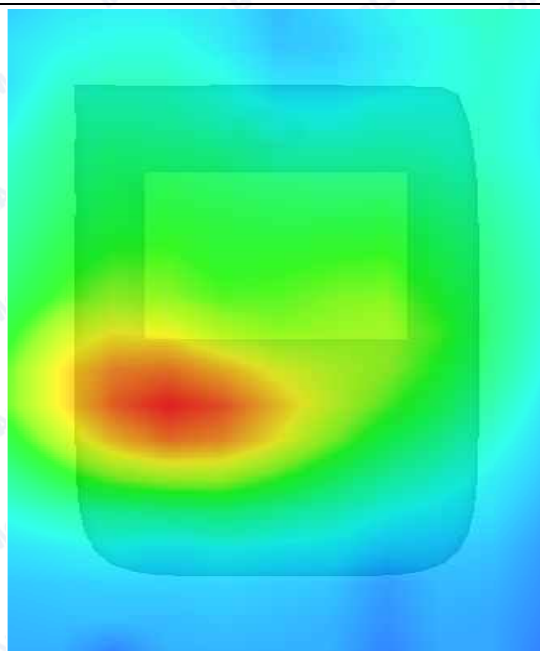
Z axis scan



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: 2015.08.11

Measurement duration: 9 minutes 18 seconds

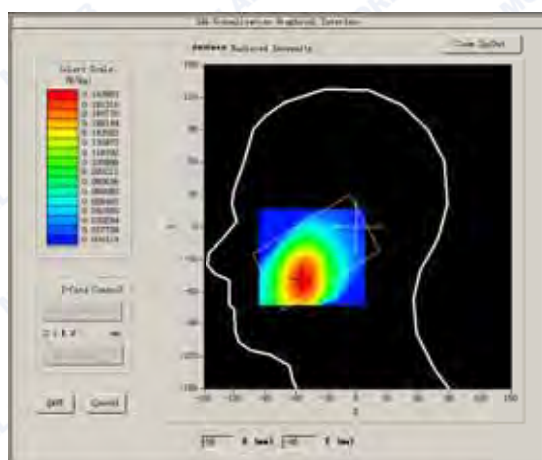
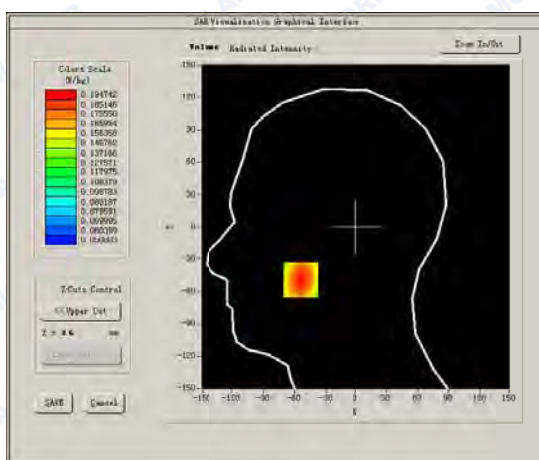
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 4175):

Frequency (MHz)	836.000000
Relative permittivity (real part)	41.362849
Conductivity (S/m)	0.913725
Power drift (%)	1.430000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.73
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



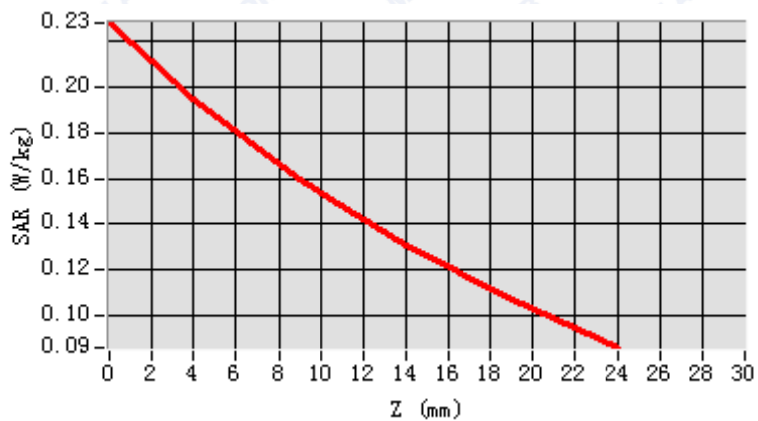
REPORT No. : SZ15070060S01

Maximum location: X=-54.00, Y=-49.00

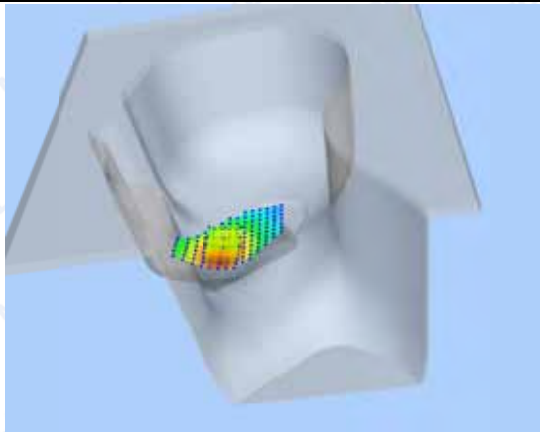
SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.144587
SAR 1g (W/Kg)	0.188034

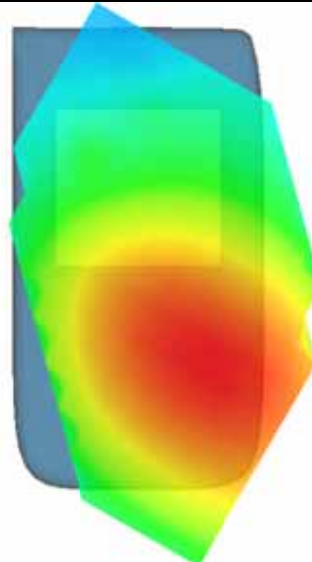
Z axis scan



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: 2015.08.11

Measurement duration: 9 minutes 28 seconds

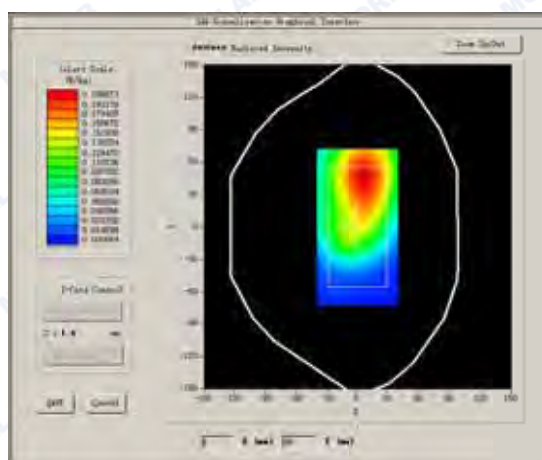
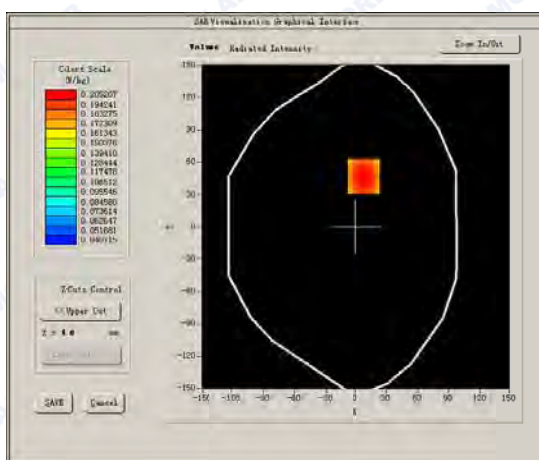
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 4175):

Frequency (MHz)	836.000000
Relative permittivity (real part)	55.693058
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**



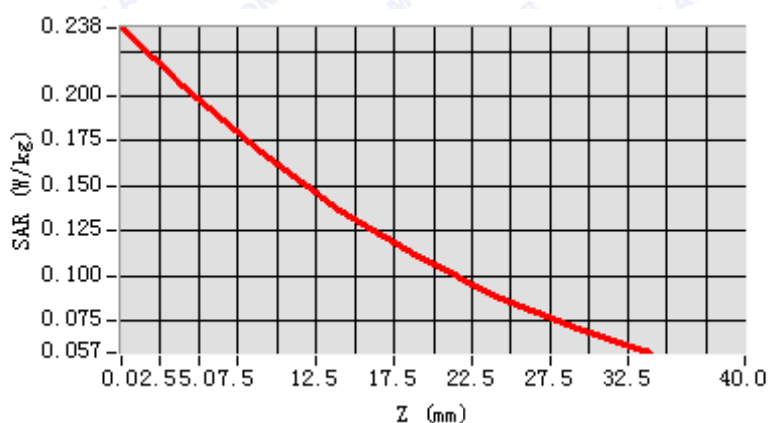
REPORT No. : SZ15070060S01

Maximum location: X=7.00, Y=47.00

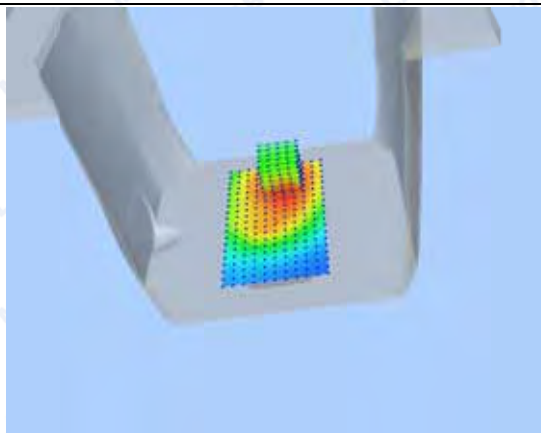
SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.167269
SAR 1g (W/Kg)	0.214912

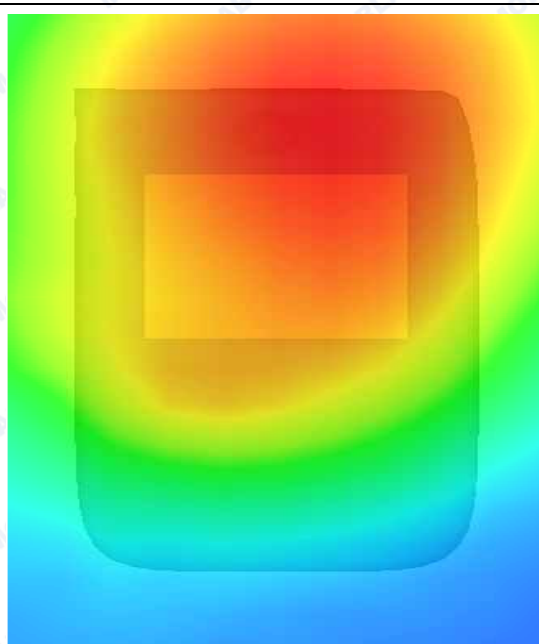
Z axis scan



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: 2015.08.12

Measurement duration: 9 minutes 30 seconds

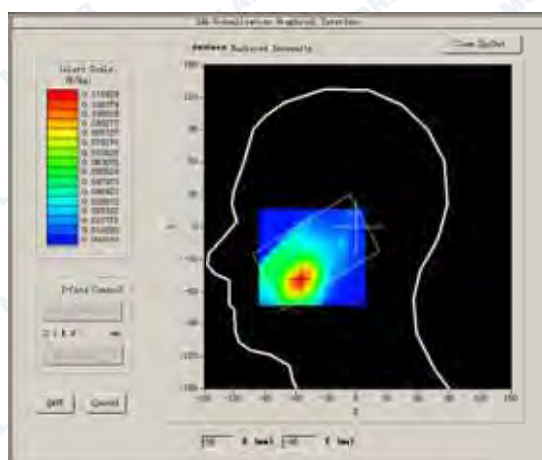
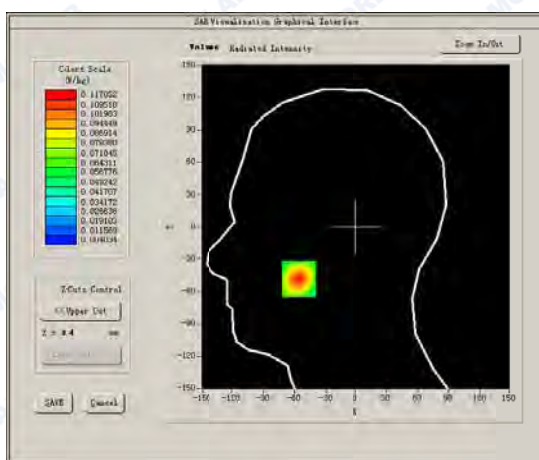
A. Experimental conditions.

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

B. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.984068
Conductivity (S/m)	1.409657
Power drift (%)	-2.950000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.00
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



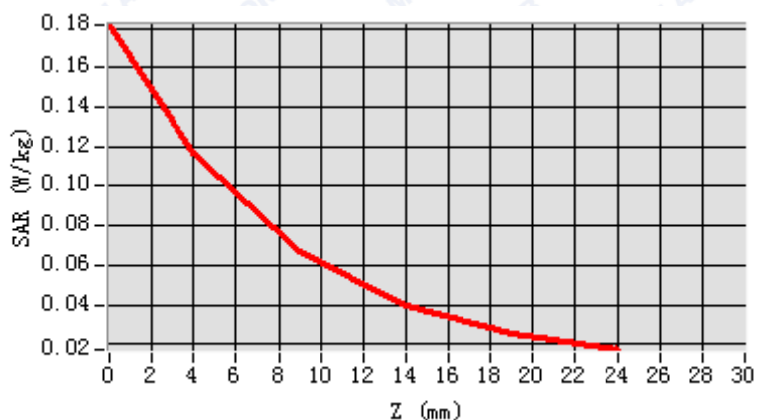
REPORT No. : SZ15070060S01

Maximum location: X=-56.00, Y=-48.00

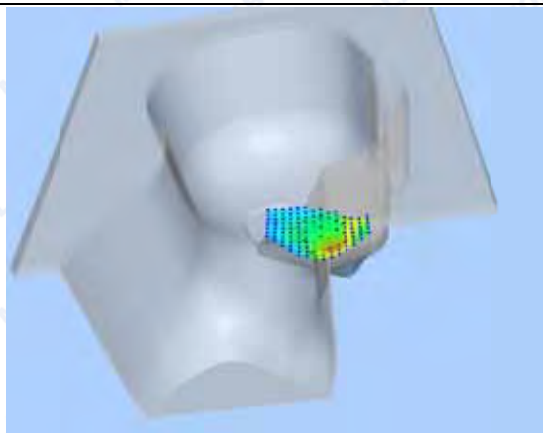
SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.060859
SAR 1g (W/Kg)	0.109531

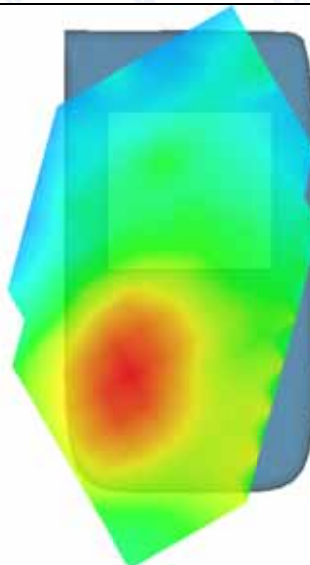
Z axis scan



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: 2015.08.12

Measurement duration: 9 minutes 29 seconds

A. Experimental conditions.

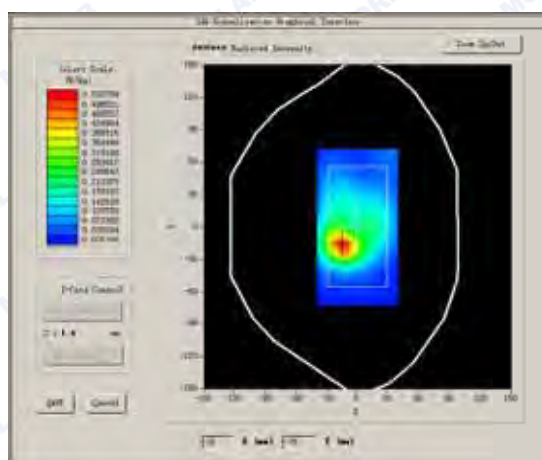
Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	CDMA

B. SAR Measurement Results

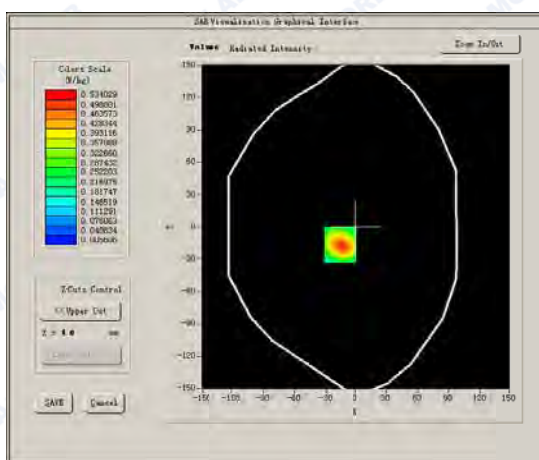
Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift (%)	1.400000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

SURFACE SAR



VOLUME SAR





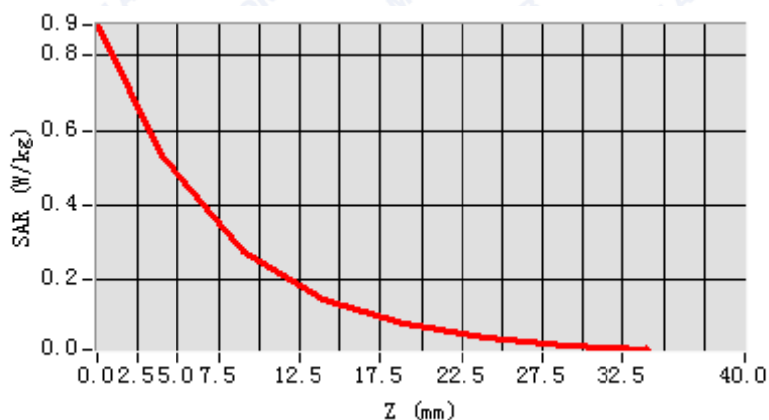
REPORT No. : SZ15070060S01

Maximum location: X=-15.00, Y=-17.00

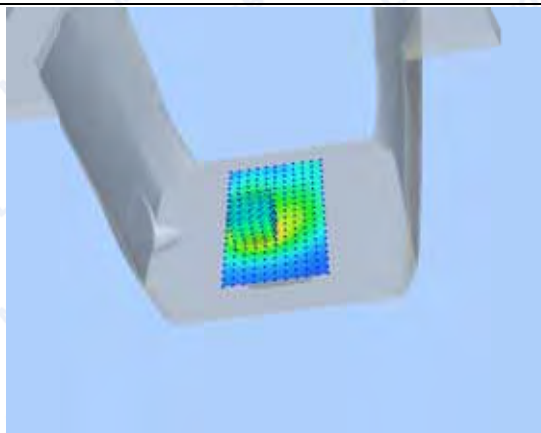
SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.276329
SAR 1g (W/Kg)	0.547014

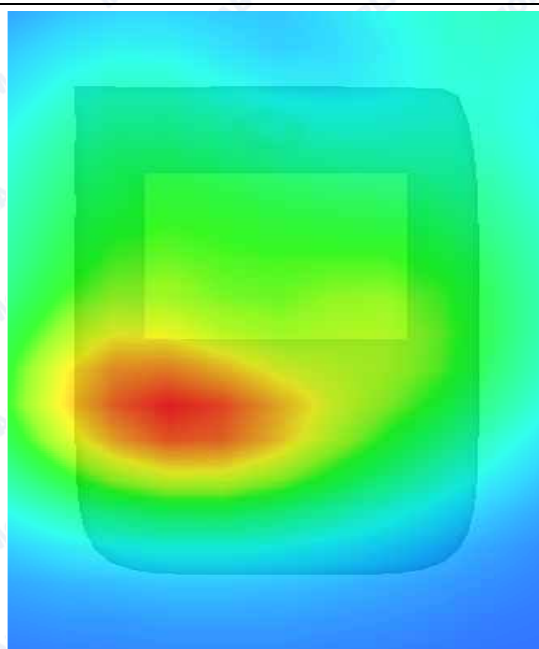
Z axis scan



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: 2015.08.12

Measurement duration: 9 minutes 30 seconds

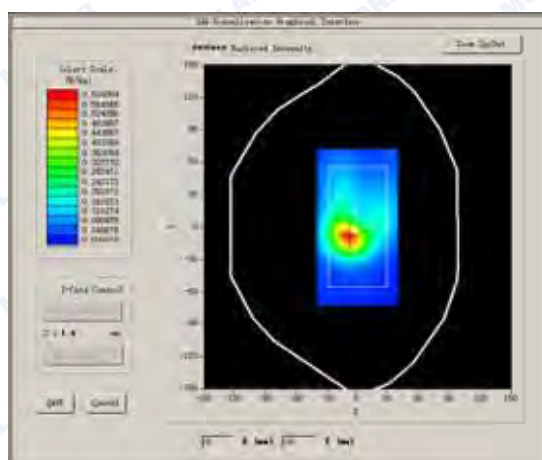
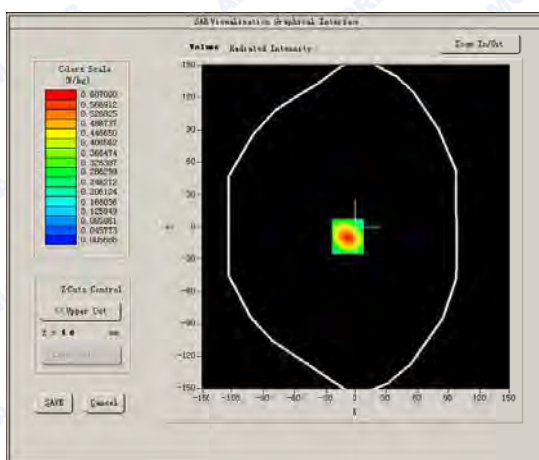
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	LTE Band 2
Channels	Low
Signal	QPSK_20M_1RB offset 0

B. SAR Measurement Results

Low Band SAR (Channel 18700):

Frequency (MHz)	1860.000000
Relative permittivity (real part)	53.103586
Conductivity (S/m)	1.532437
Power drift (%)	1.820000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	6.17
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



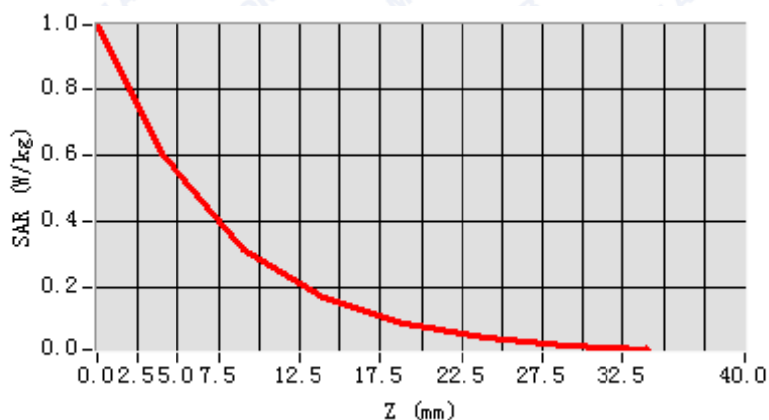
REPORT No. : SZ15070060S01

Maximum location: X=-8.00, Y=-9.00

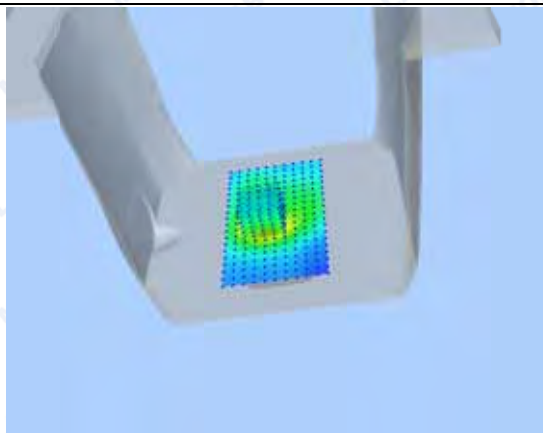
SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.288088
SAR 1g (W/Kg)	0.572328

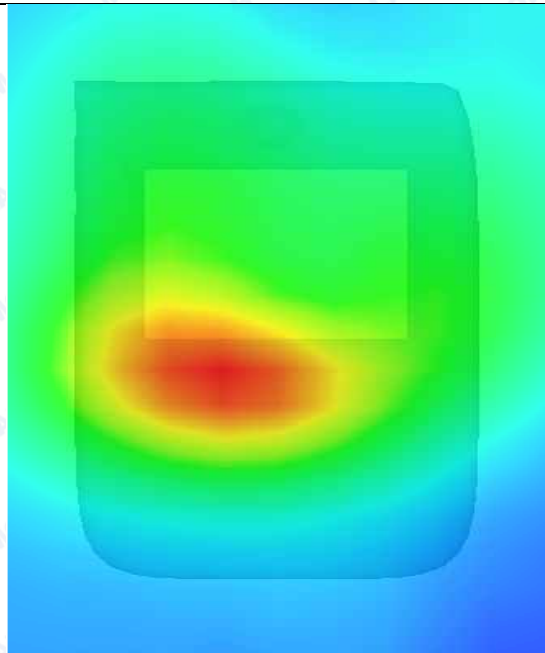
Z axis scan



3D screen shot



Hot spot position





MEASUREMENT 10

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.08.12

Measurement duration: 9 minutes 35 seconds

A. Experimental conditions.

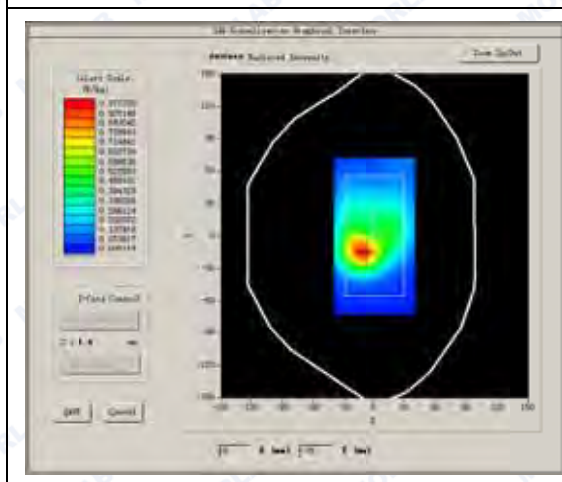
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 4
Channels	Low
Signal	QPSK_20M_1RB offset 99

B. SAR Measurement Results

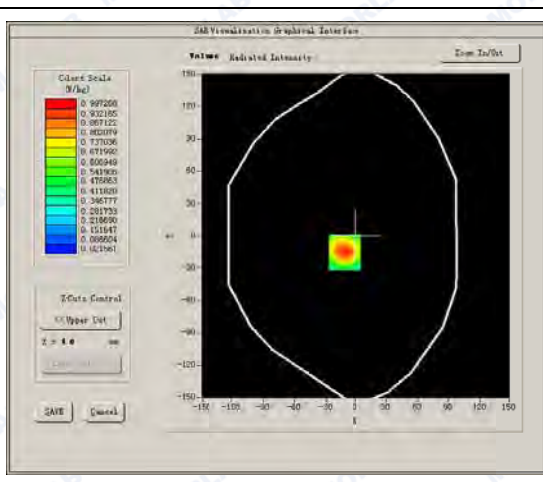
Low Band SAR (Channel 20050):

Frequency (MHz)	1720.000000
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





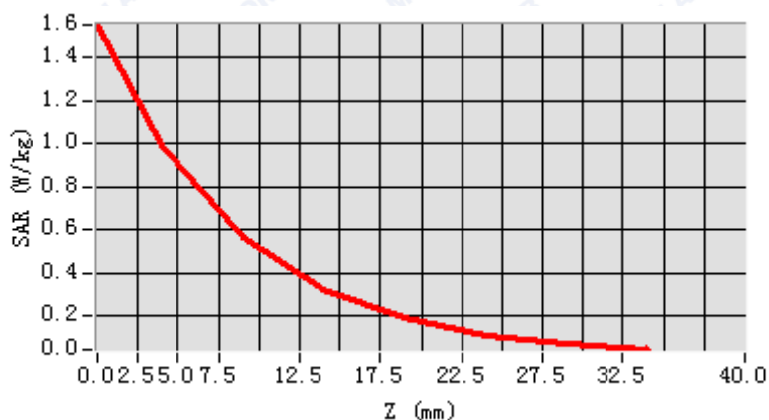
REPORT No. : SZ15070060S01

Maximum location: X=-11.00, Y=-15.00

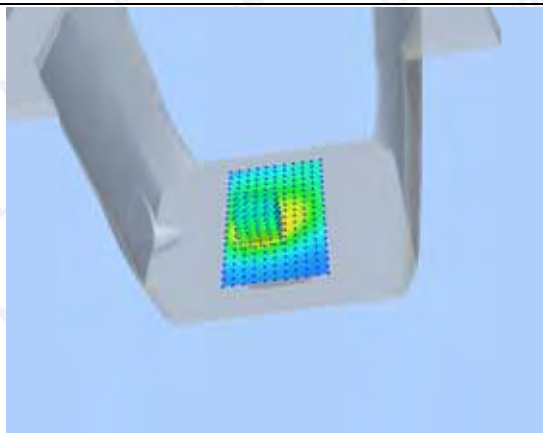
SAR Peak: 1.68 W/kg

SAR 10g (W/Kg)	0.549260
SAR 1g (W/Kg)	1.026389

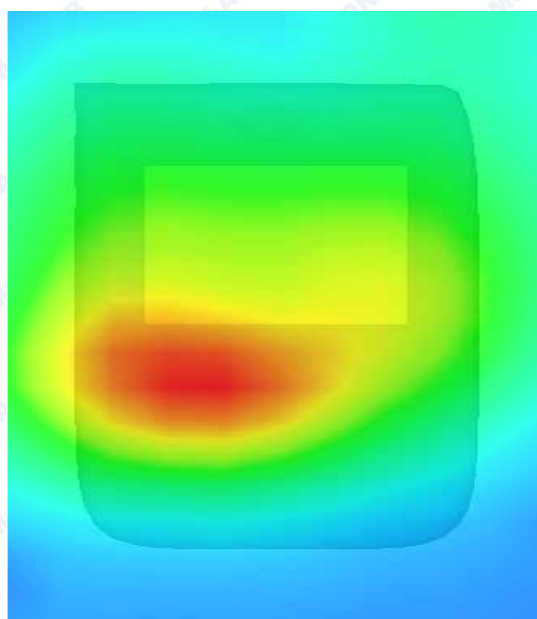
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 11**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.08.13

Measurement duration: 9 minutes 31 seconds

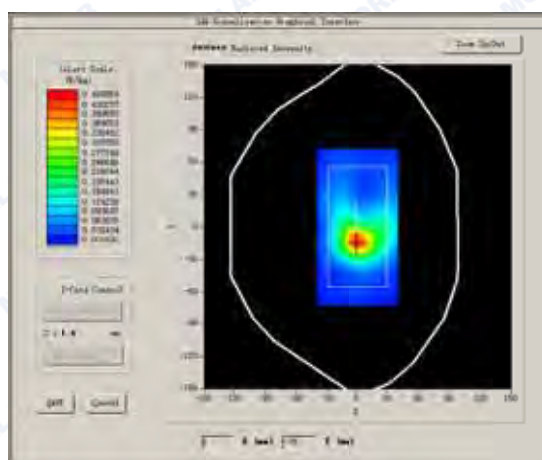
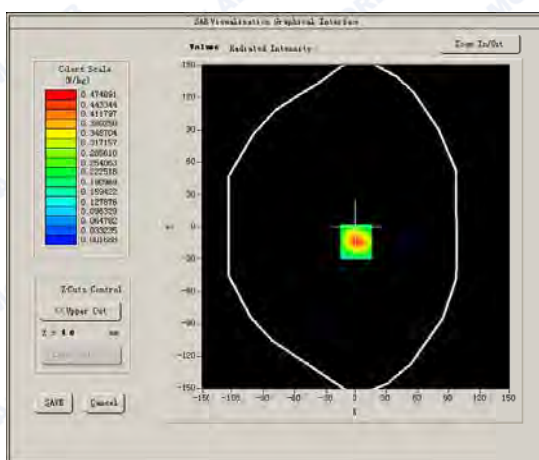
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 7
Channels	Low
Signal	QPSK_20M_1RB offset 49

B. SAR Measurement Results

Low Band SAR (Channel 20850):

Frequency (MHz)	2510.000000
Relative permittivity (real part)	52.454425
Conductivity (S/m)	2.102354
Power drift (%)	-2.390000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



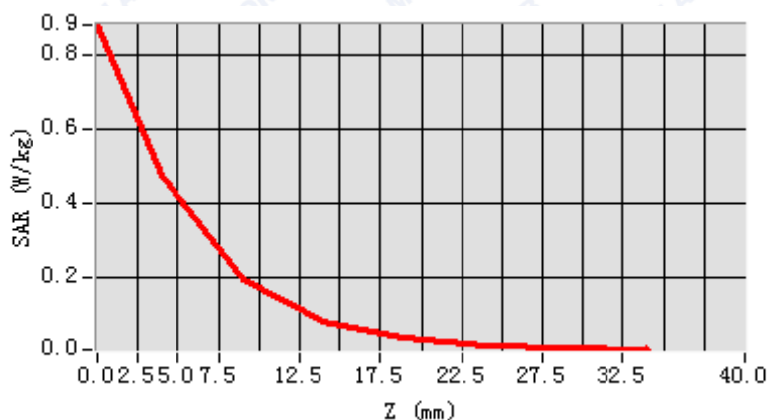
REPORT No. : SZ15070060S01

Maximum location: X=0.00, Y=-14.00

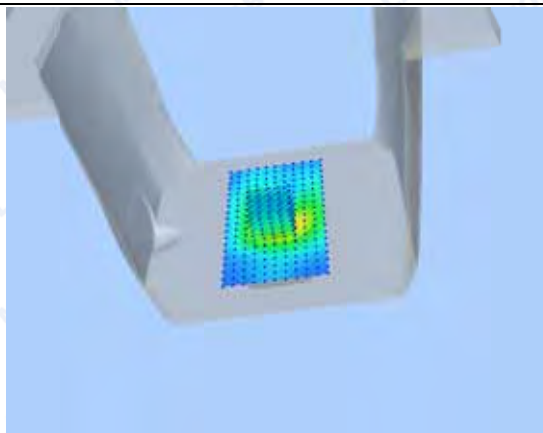
SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.217878
SAR 1g (W/Kg)	0.489982

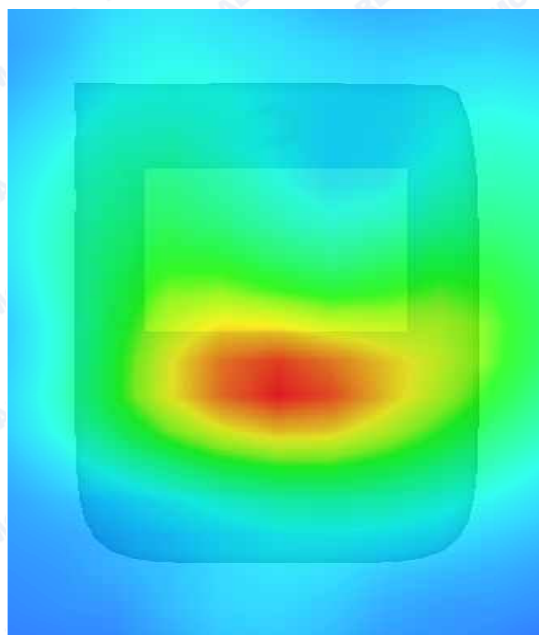
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 12**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.08.11

Measurement duration: 9 minutes 33 seconds

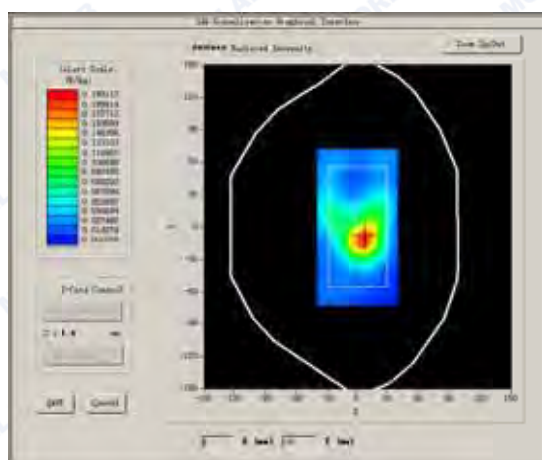
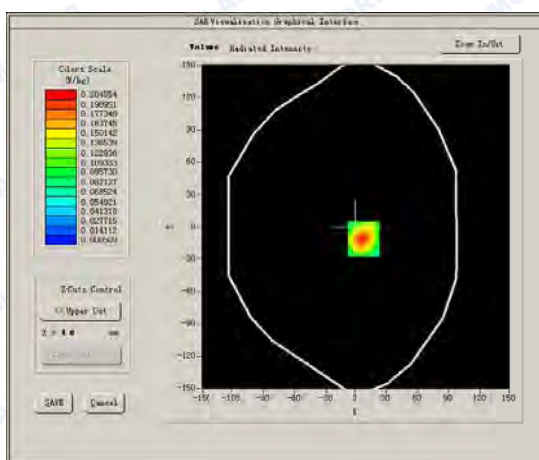
A. Experimental conditions.

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**



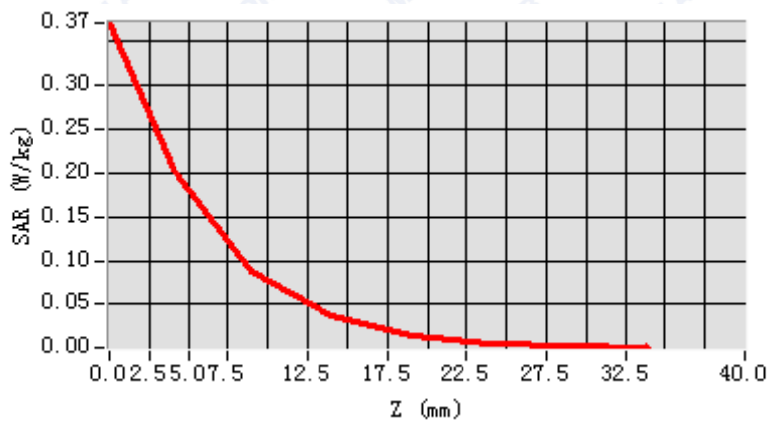
REPORT No. : SZ15070060S01

Maximum location: X=7.00, Y=-11.00

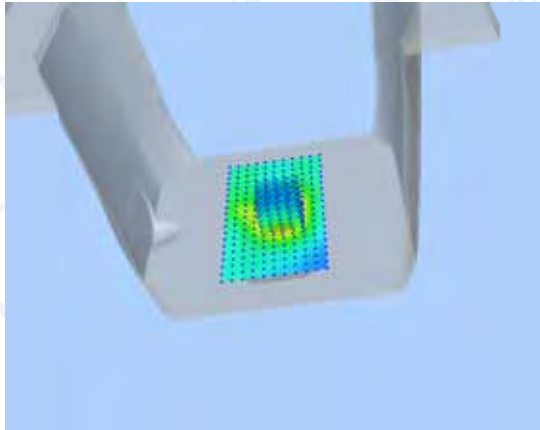
SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.096255
SAR 1g (W/Kg)	0.184997

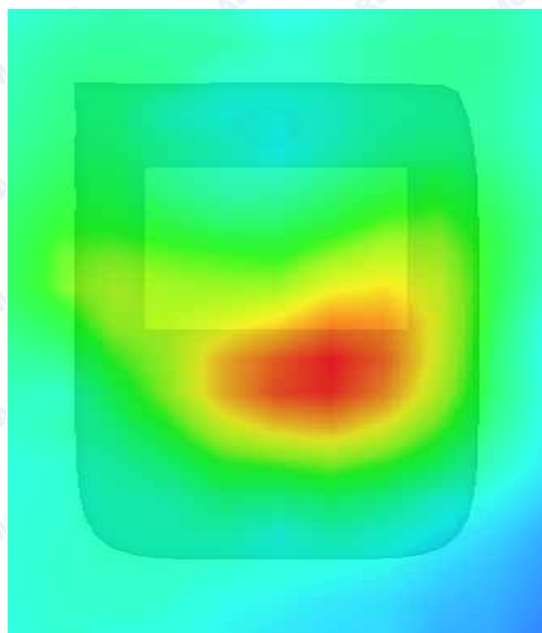
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 13**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.08.13

Measurement duration: 7 minutes 47 seconds

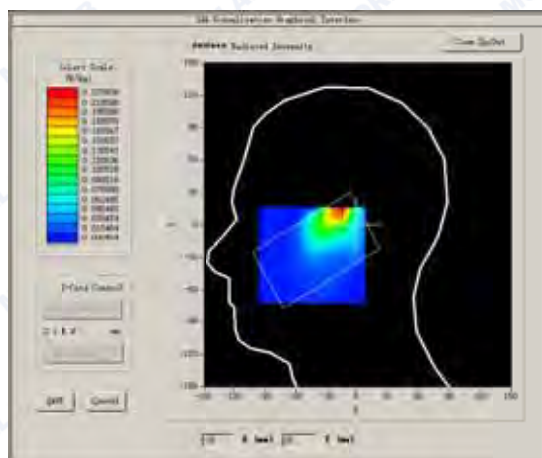
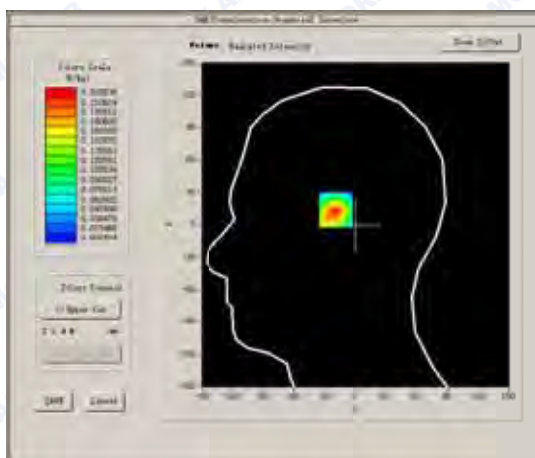
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 11):

Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.110854
Conductivity (S/m)	1.790254
Power drift (%)	-3.480000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.1°C
ConvF:	4.80
Crest factor:	1:1

SURFACE SAR**VOLUME SAR**



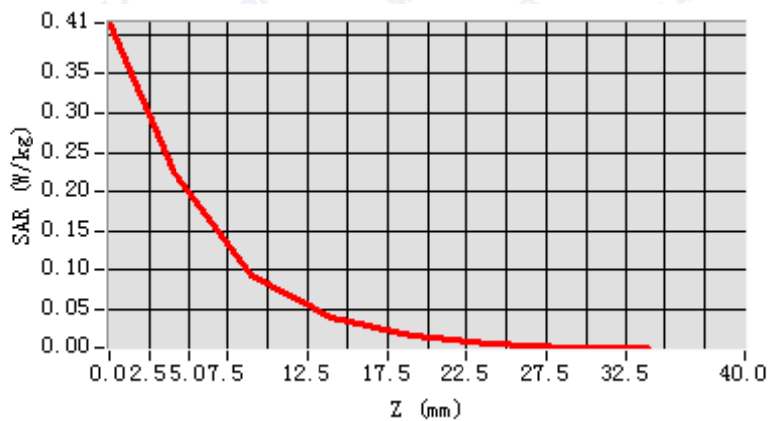
REPORT No. : SZ15070060S01

Maximum location: X=-17.00, Y=16.00

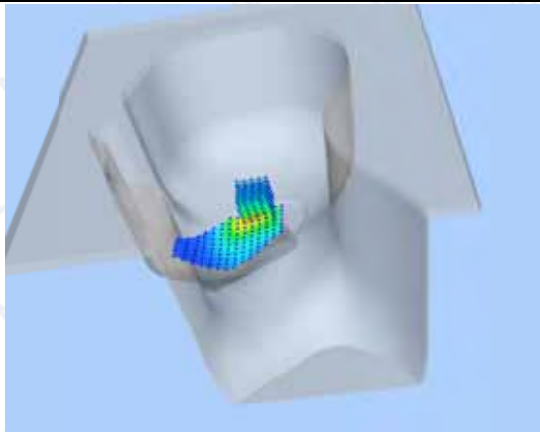
SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.097140
SAR 1g (W/Kg)	0.215629

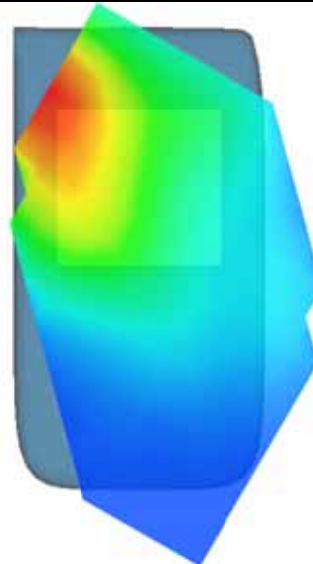
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 15**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.08.13

Measurement duration: 9 minutes 31 seconds

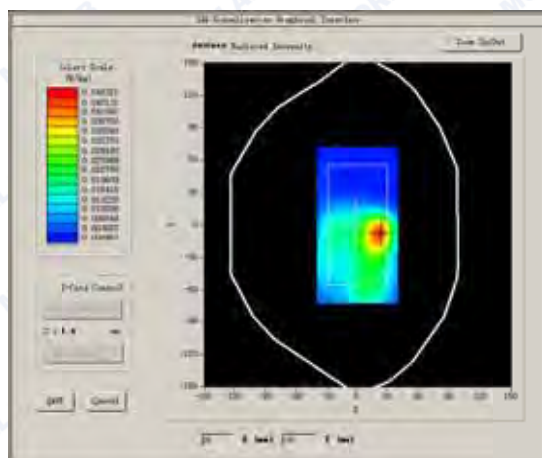
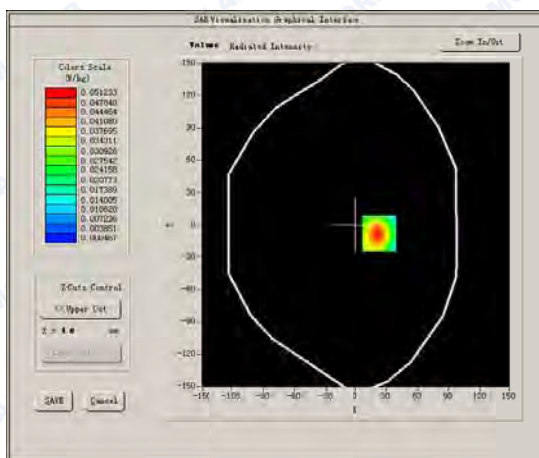
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 11):

Frequency (MHz)	2462.000000
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**



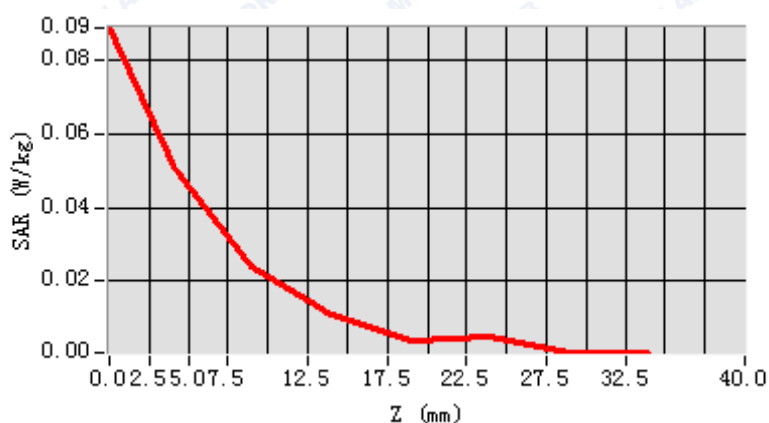
REPORT No. : SZ15070060S01

Maximum location: X=23.00, Y=-8.00

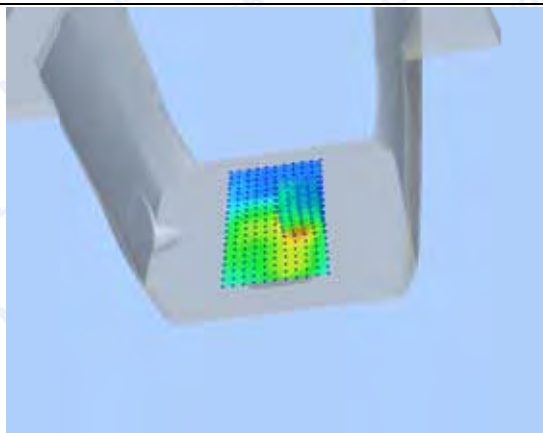
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.025338
SAR 1g (W/Kg)	0.052815

Z axis scan



3D screen shot



Hot spot position

