

**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: 2015.07.23

Measurement duration: 8 minutes 39 seconds

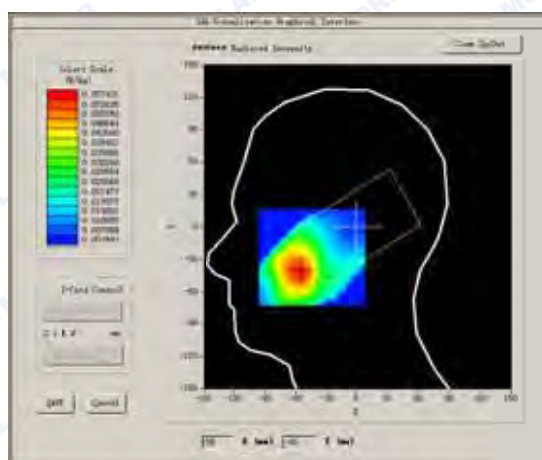
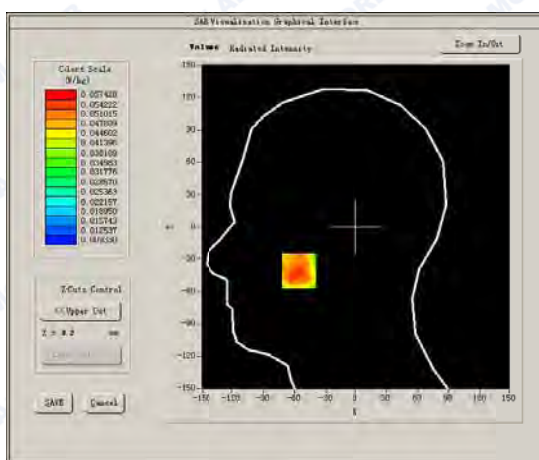
A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	GSM

B. SAR Measurement Results

Low Band SAR (Channel 128):

Frequency (MHz)	824.200000
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**



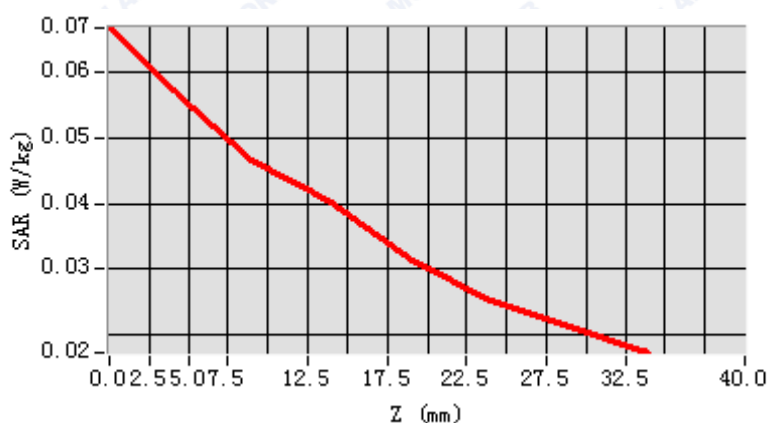
REPORT No. : SZ15060145S01

Maximum location: X=-56.00, Y=-41.00

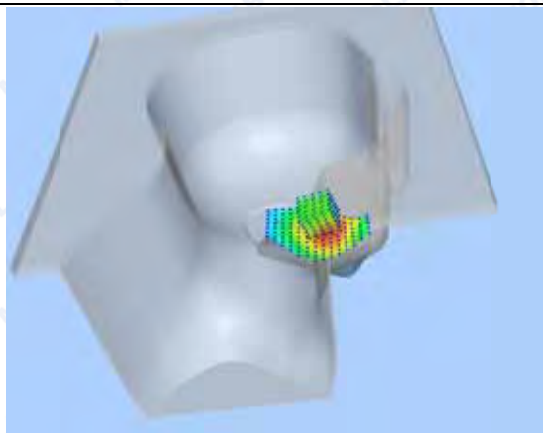
SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.041721
SAR 1g (W/Kg)	0.054584

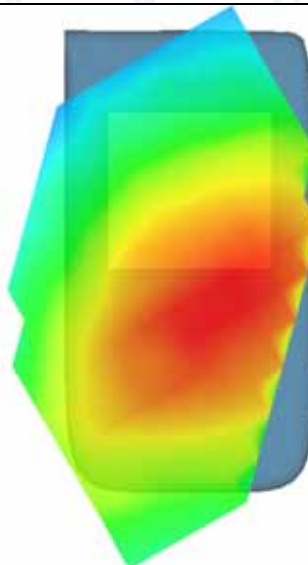
Z axis scan



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: 2015.07.23

Measurement duration: 9 minutes 33 seconds

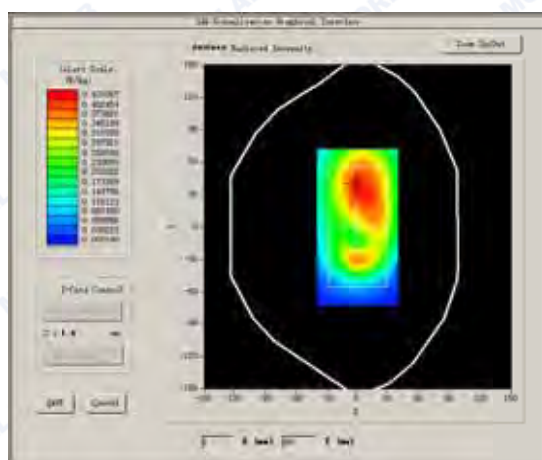
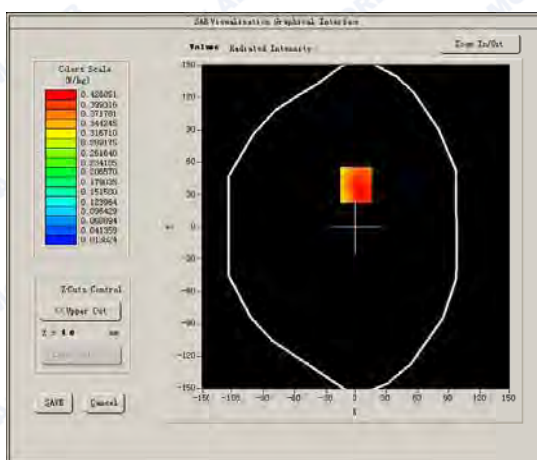
A. Experimental conditions.

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**



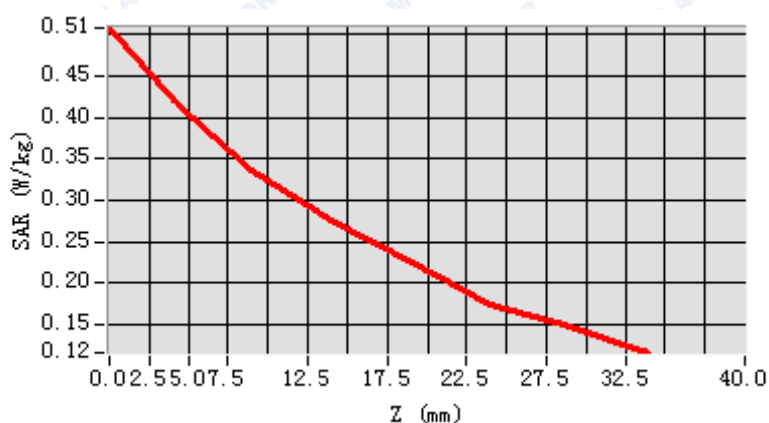
REPORT No. : SZ15060145S01

Maximum location: X=0.00, Y=39.00

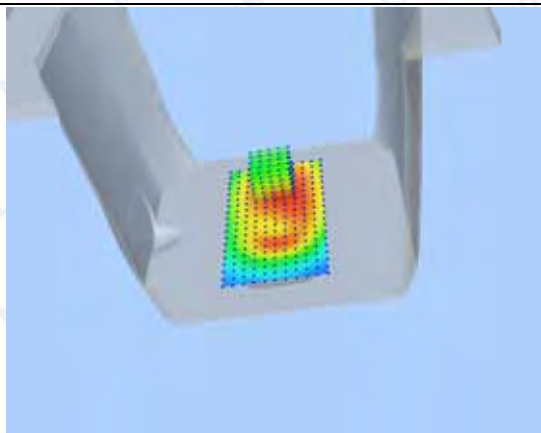
SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.317965
SAR 1g (W/Kg)	0.428233

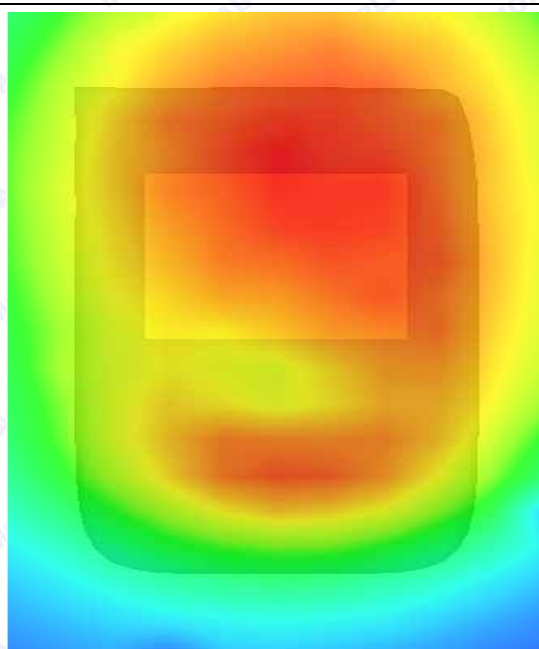
Z axis scan



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: 2015.3.10

Measurement duration: 9 minutes 38 seconds

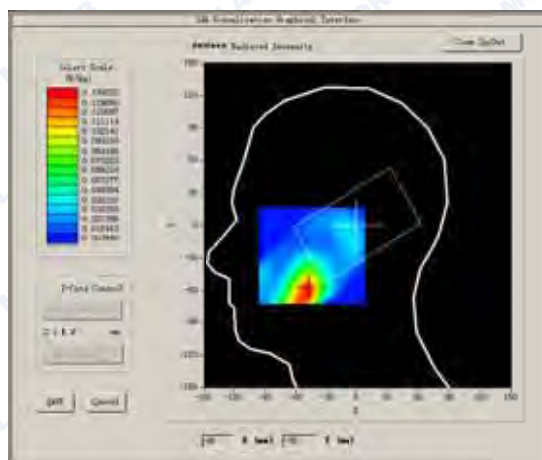
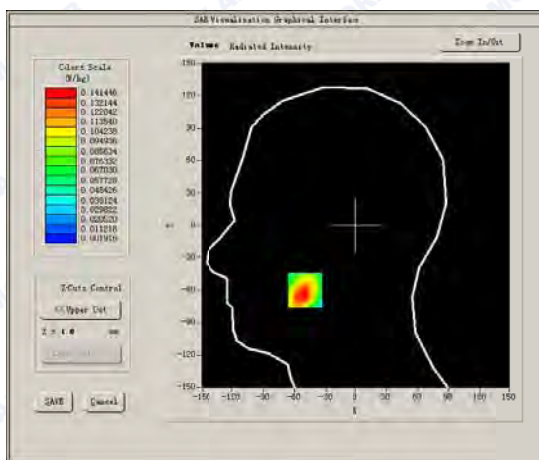
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 810):

Frequency (MHz)	1909.800000
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**



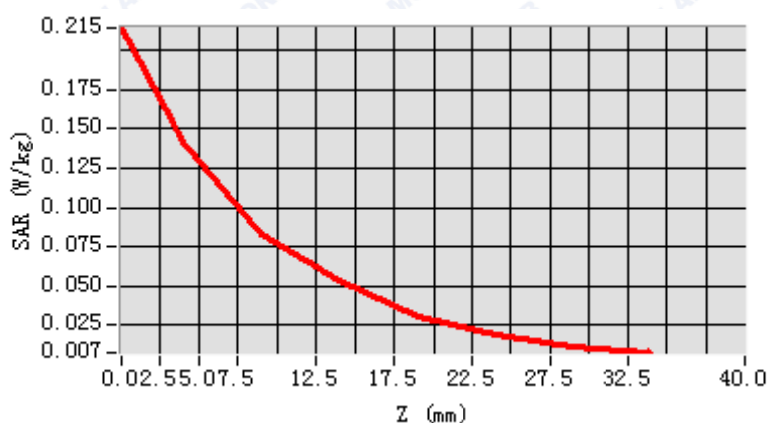
REPORT No. : SZ15060145S01

Maximum location: X=-50.00, Y=-60.00

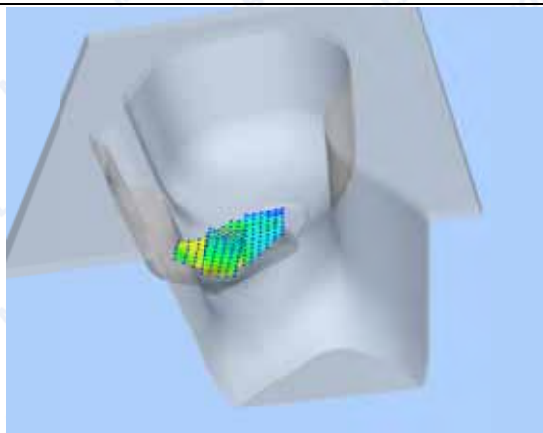
SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.075572
SAR 1g (W/Kg)	0.140938

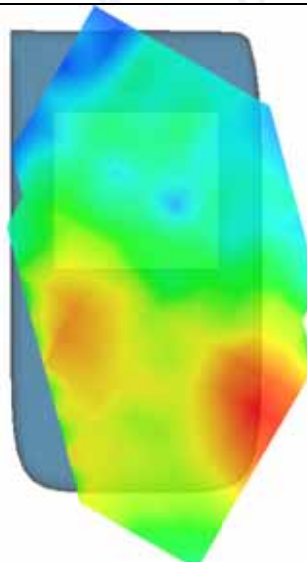
Z axis scan



3D screen shot



Hot spot position



**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: 2015.3.10

Measurement duration: 9 minutes 31 seconds

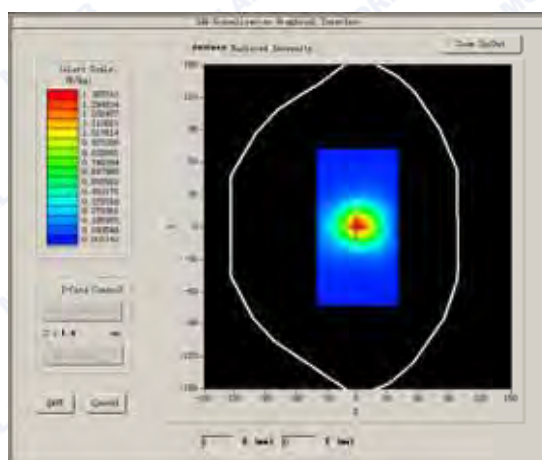
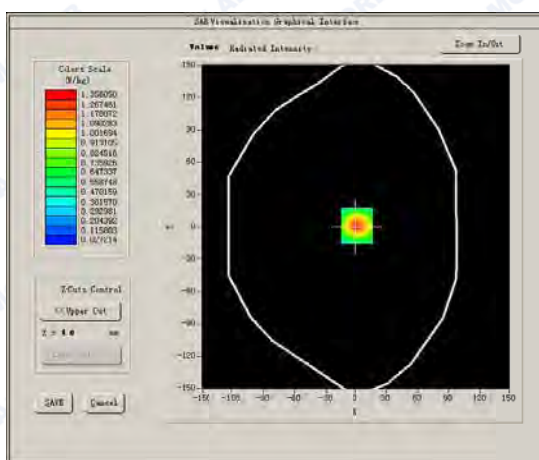
A. Experimental conditions.

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**



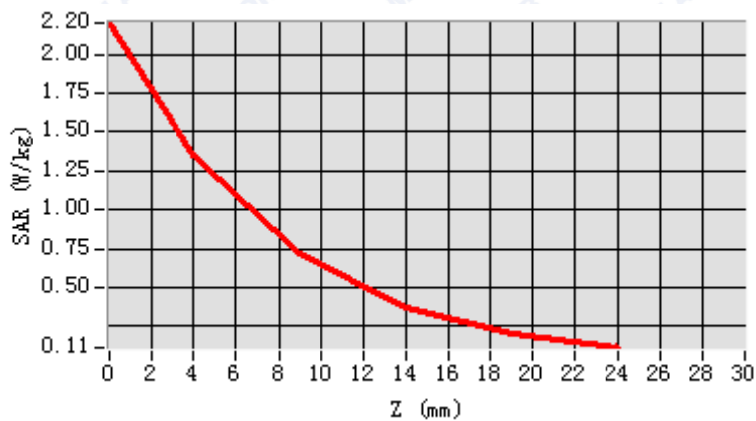
REPORT No. : SZ15060145S01

Maximum location: X=1.00, Y=1.00

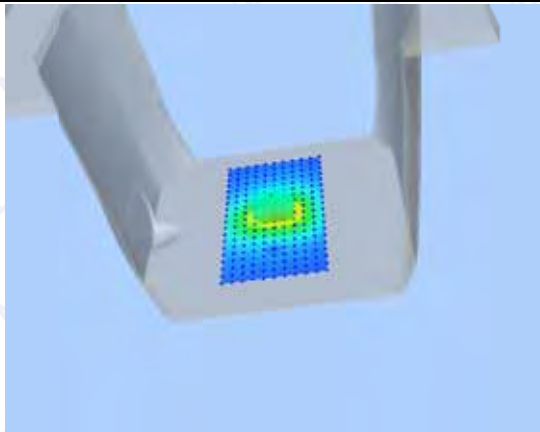
SAR Peak: 2.20 W/kg

SAR 10g (W/Kg)	0.646581
SAR 1g (W/Kg)	1.188528

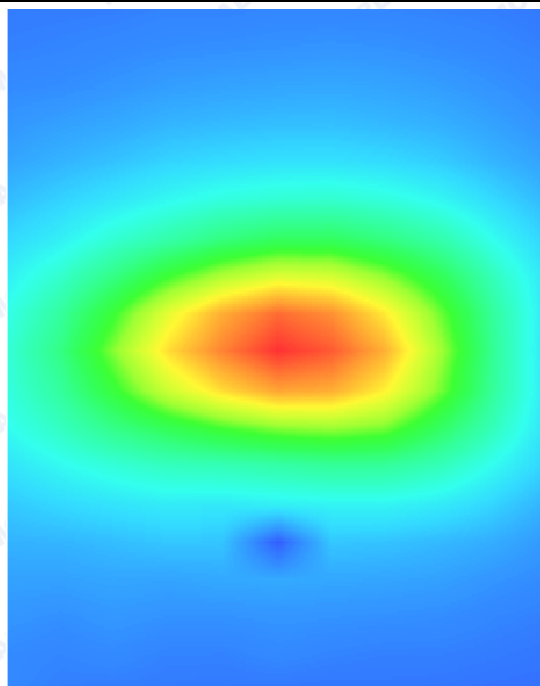
Z axis scan



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: 2015.3.9

Measurement duration: 9 minutes 18 seconds

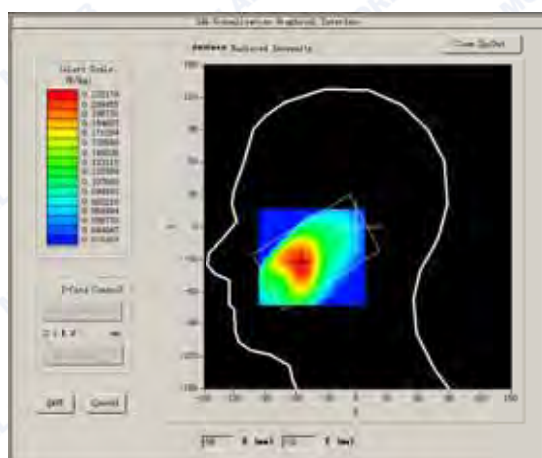
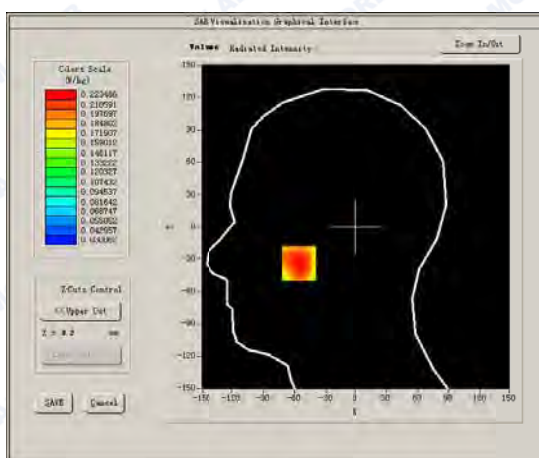
A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Left head
Device Position	Cheek
Band	WCDMA850
Channels	High
Signal	CDMA

B. SAR Measurement Results

High Band SAR (Channel 4233):

Frequency (MHz)	848.000000
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**



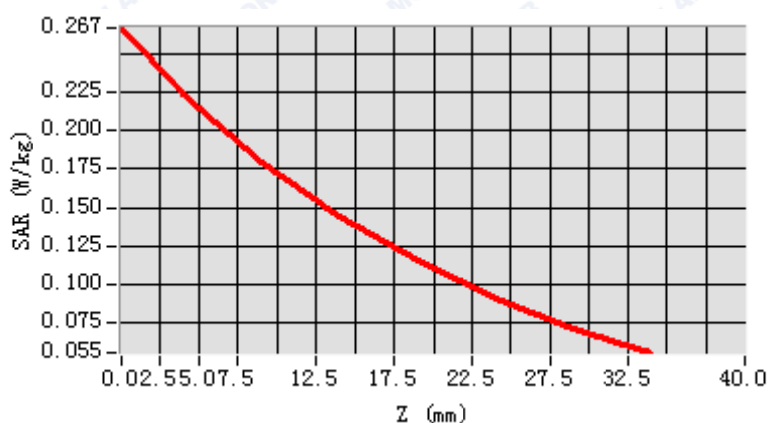
REPORT No. : SZ15060145S01

Maximum location: X=-56.00, Y=-34.00

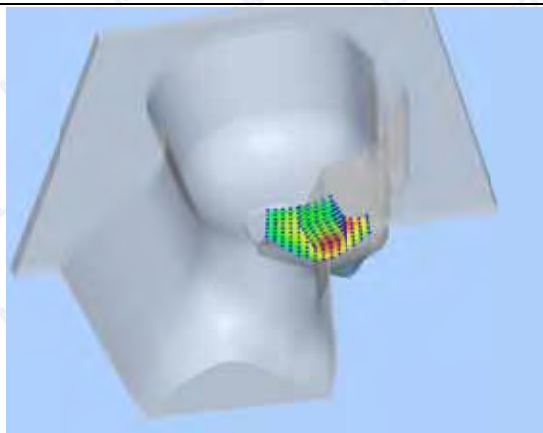
SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.162450
SAR 1g (W/Kg)	0.217318

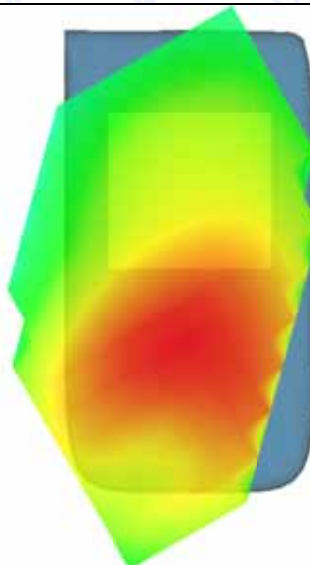
Z axis scan



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: 2015.3.9

Measurement duration: 9 minutes 28 seconds

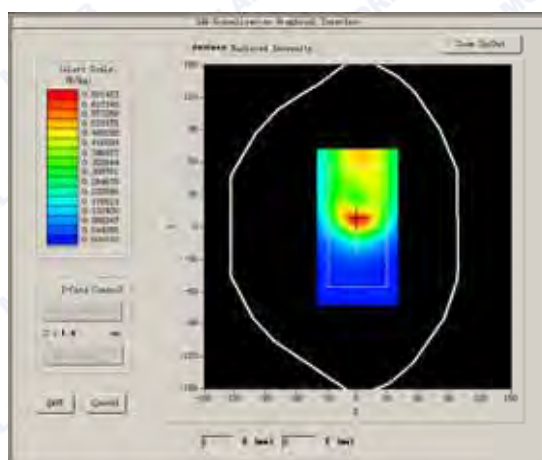
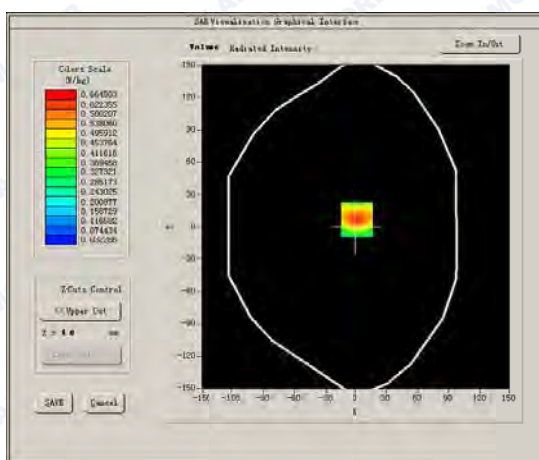
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 4233):

Frequency (MHz)	848.000000
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**



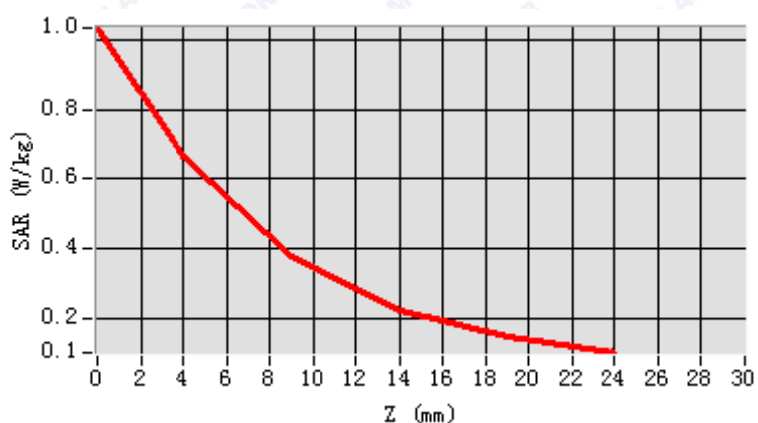
REPORT No. : SZ15060145S01

Maximum location: X=1.00, Y=7.00

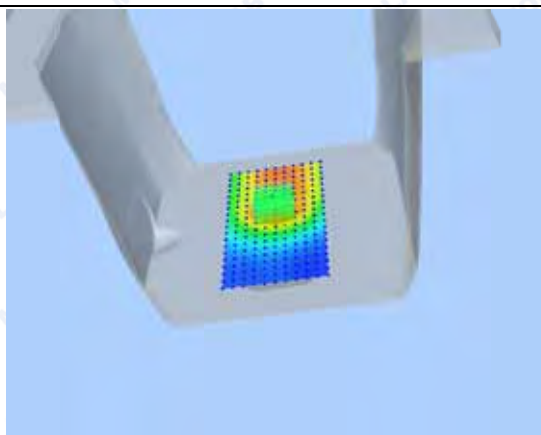
SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.380884
SAR 1g (W/Kg)	0.672635

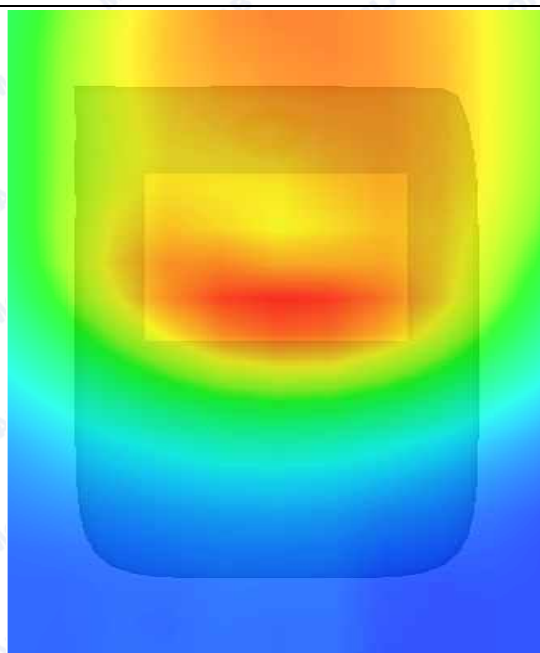
Z axis scan



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: 2015.6.22

Measurement duration: 9 minutes 30 seconds

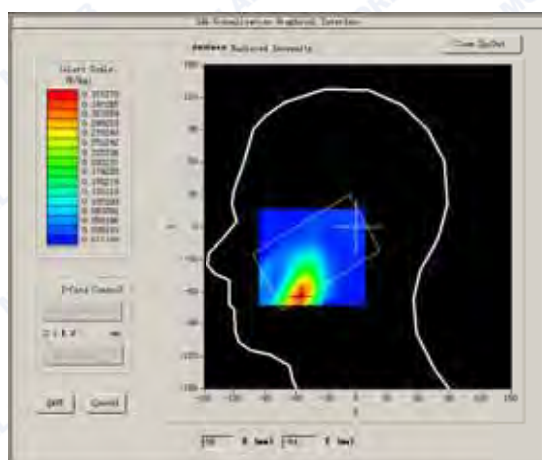
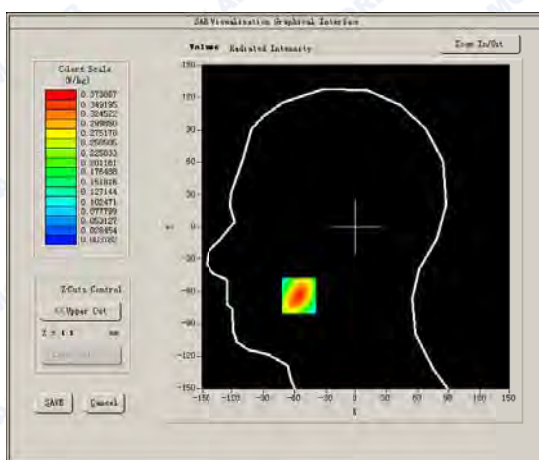
A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	WCDMA1900
Channels	High
Signal	CDMA

B. SAR Measurement Results

High Band SAR (Channel 9538):

Frequency (MHz)	1907.600000
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**



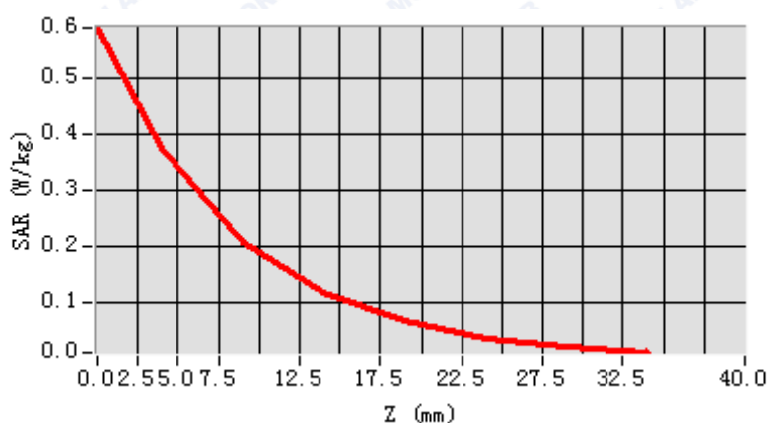
REPORT No. : SZ15060145S01

Maximum location: X=-56.00, Y=-64.00

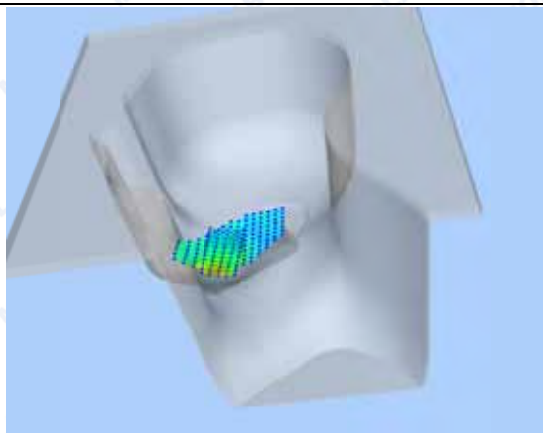
SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.189374
SAR 1g (W/Kg)	0.355296

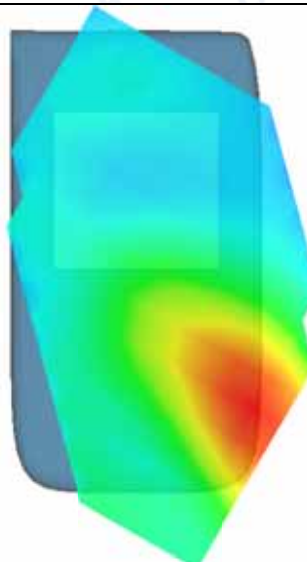
Z axis scan



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: 2015.3.10

Measurement duration: 9 minutes 29 seconds

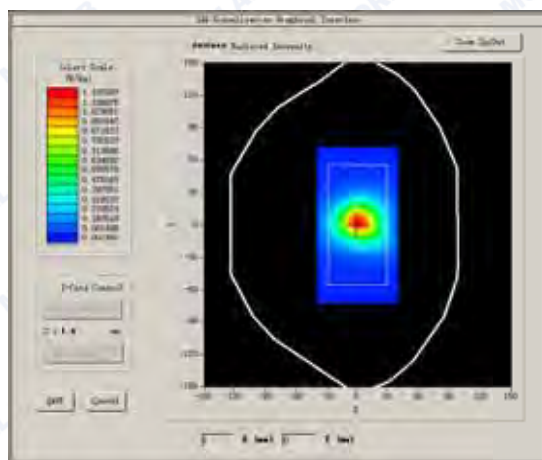
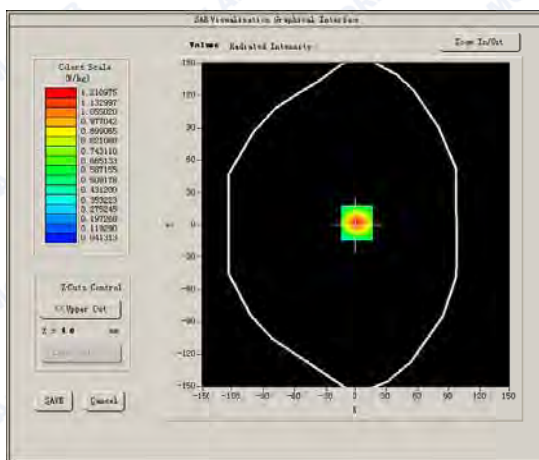
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 9538):

Frequency (MHz)	1907.600000
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**



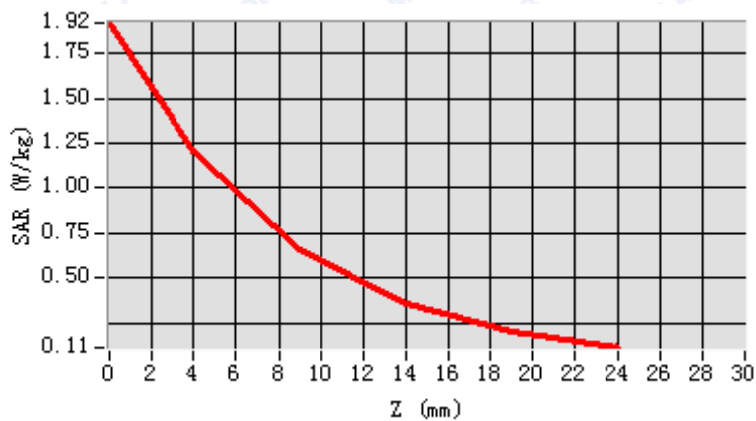
REPORT No. : SZ15060145S01

Maximum location: X=1.00, Y=2.00

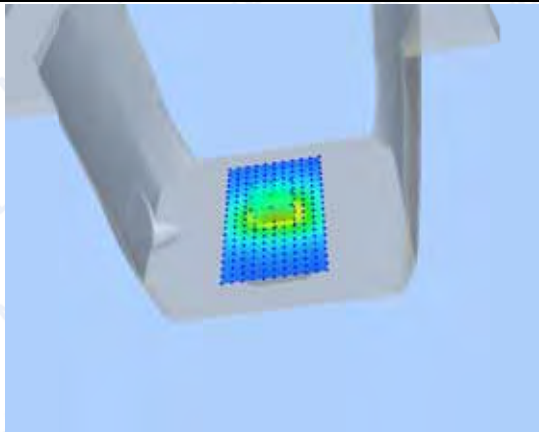
SAR Peak: 1.92 W/kg

SAR 10g (W/Kg)	0.583695
SAR 1g (W/Kg)	1.156079

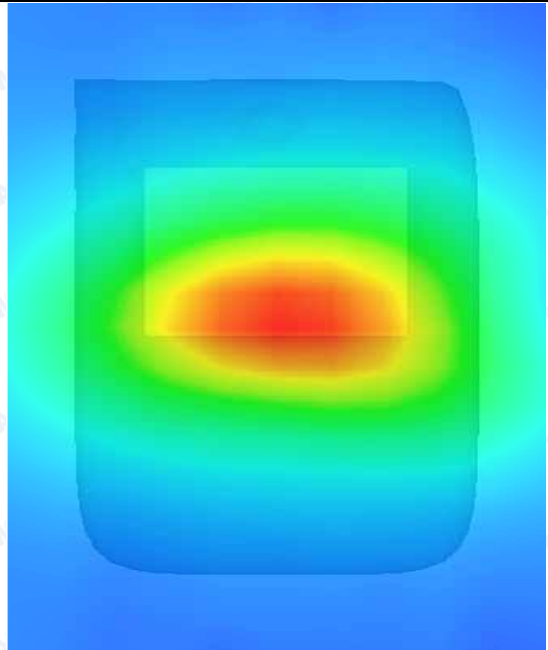
Z axis scan



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: 2015.07.24

Measurement duration: 9 minutes 30 seconds

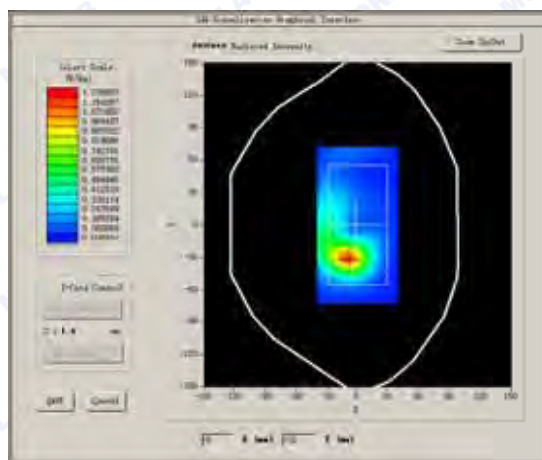
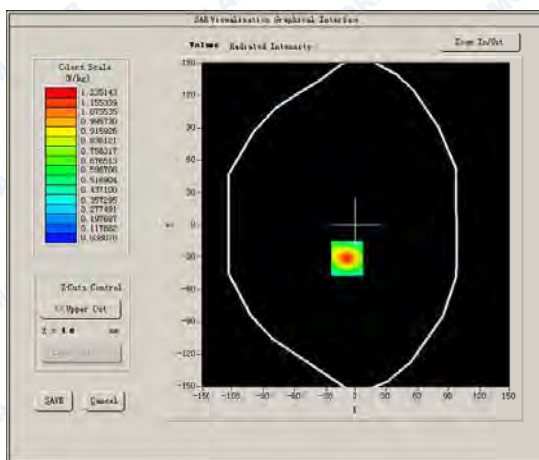
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 19100):

Frequency (MHz)	1900.000000
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**



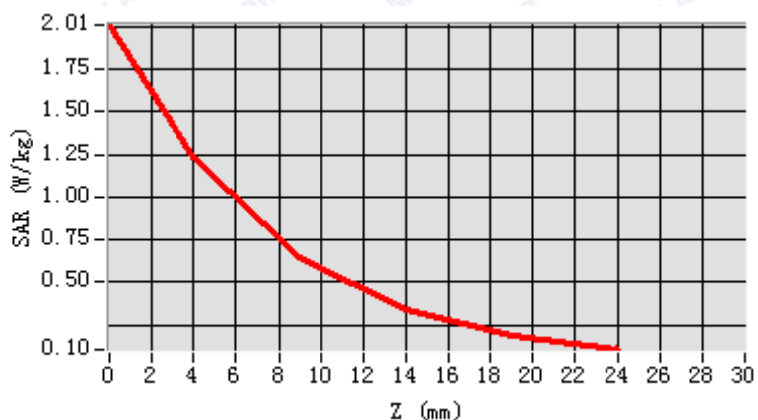
REPORT No. : SZ15060145S01

Maximum location: X=-9.00, Y=-31.00

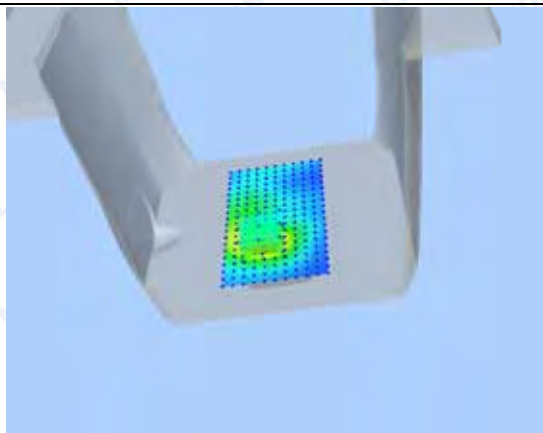
SAR Peak: 2.01 W/kg

SAR 10g (W/Kg)	0.576324
SAR 1g (W/Kg)	1.089251

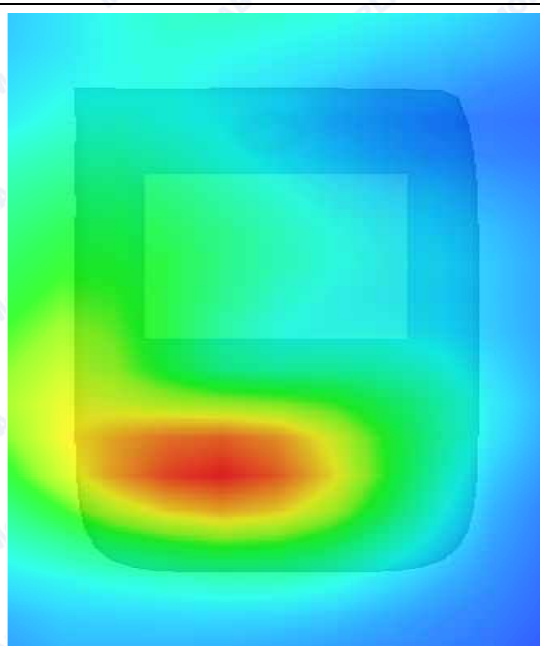
Z axis scan



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: 2015.07.24

Measurement duration: 9 minutes 35 seconds

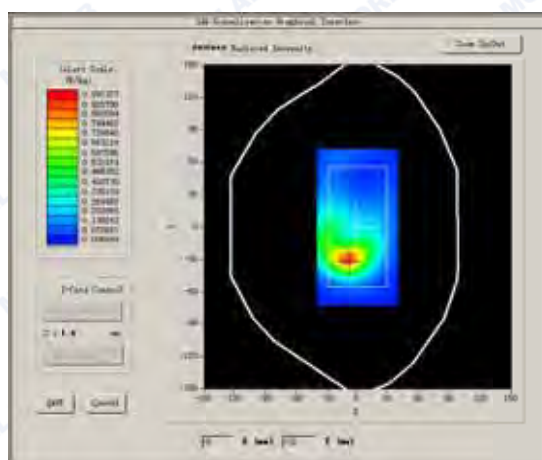
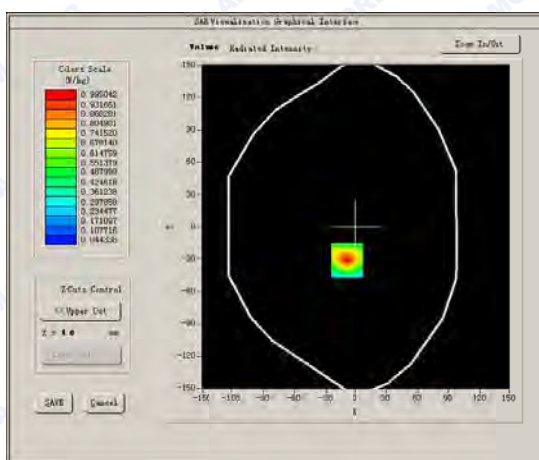
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4
Channels	High
Signal	QPSK_20M_1RB offset 99

B. SAR Measurement Results

High Band SAR (Channel 20300):

Frequency (MHz)	1745.000000
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**



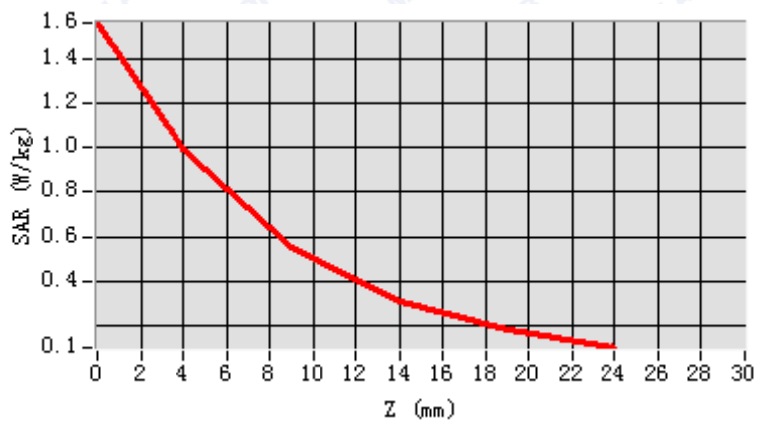
REPORT No. : SZ15060145S01

Maximum location: X=-9.00, Y=-31.00

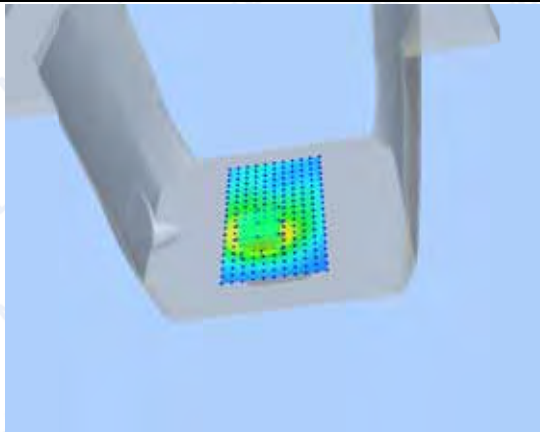
SAR Peak: 1.70 W/kg

SAR 10g (W/Kg)	0.527151
SAR 1g (W/Kg)	1.002586

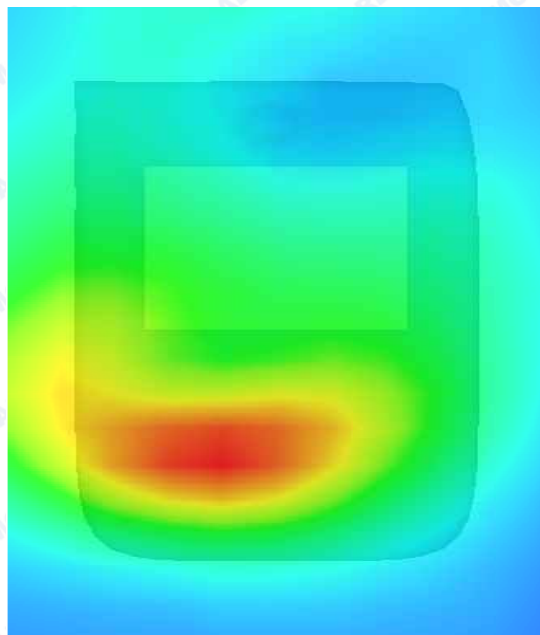
Z axis scan



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: 2015.07.23

Measurement duration: 9 minutes 33 seconds

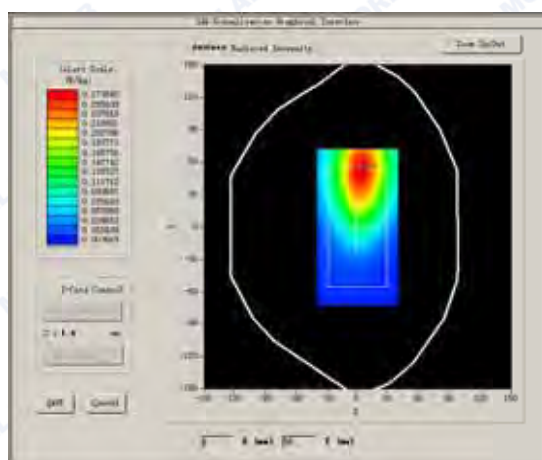
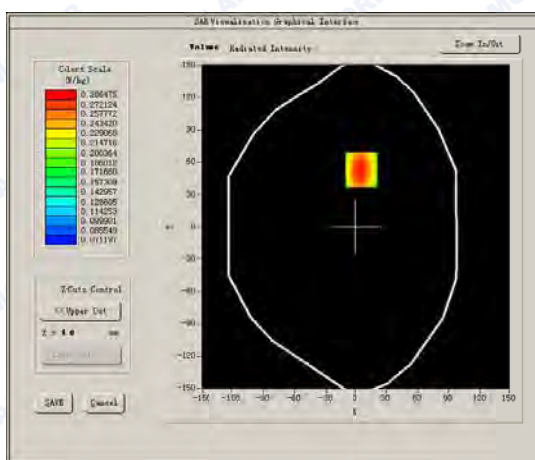
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 20600):

Frequency (MHz)	844.000000
Relative permittivity (real part)	55.693058
Conductivity (S/m)	0.970859
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**



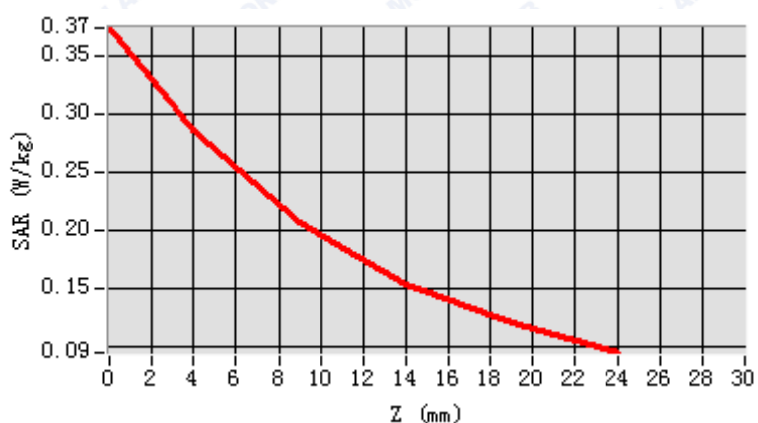
REPORT No. : SZ15060145S01

Maximum location: X=5.00, Y=53.00

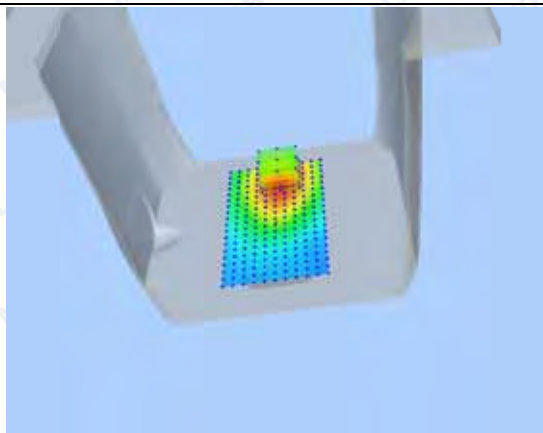
SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.209020
SAR 1g (W/Kg)	0.296081

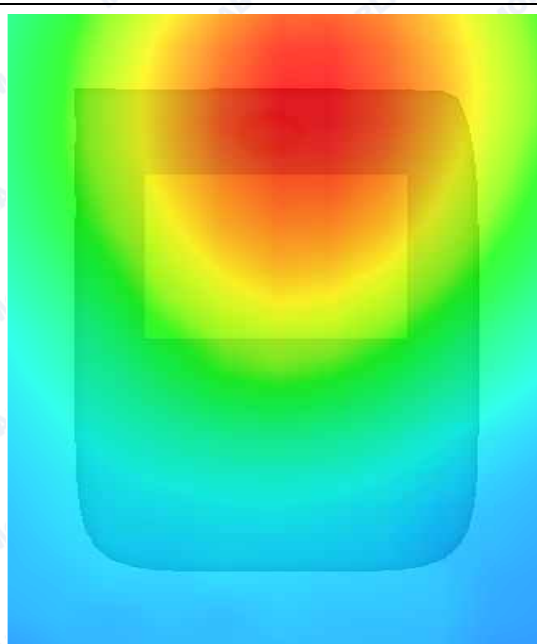
Z axis scan



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: 2015.07.25

Measurement duration: 9 minutes 31 seconds

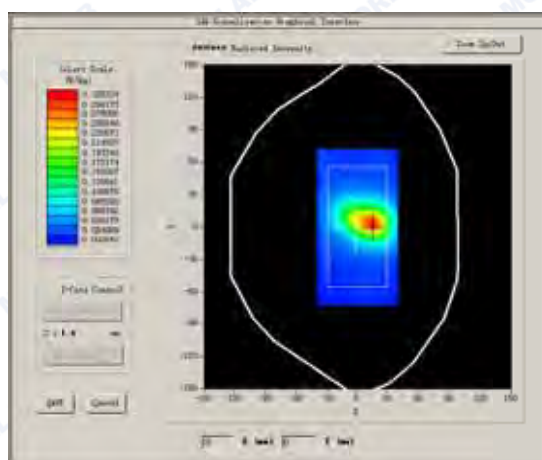
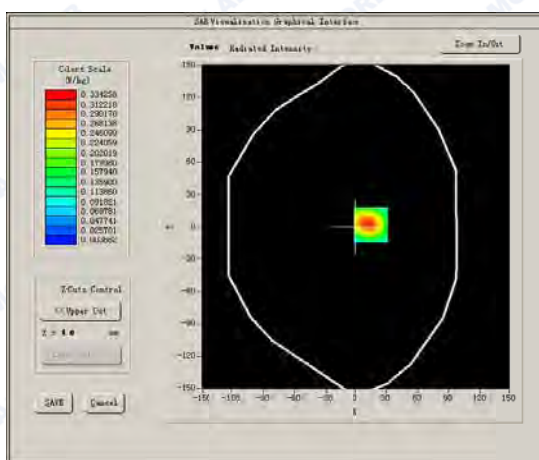
A. Experimental conditions.

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

B. SAR Measurement Results

High Band SAR (Channel 21350):

Frequency (MHz)	2560.000000
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**



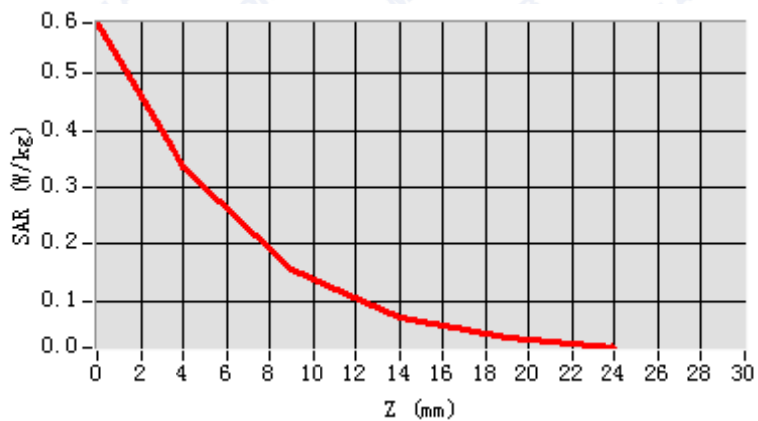
REPORT No. : SZ15060145S01

Maximum location: X=15.00, Y=2.00

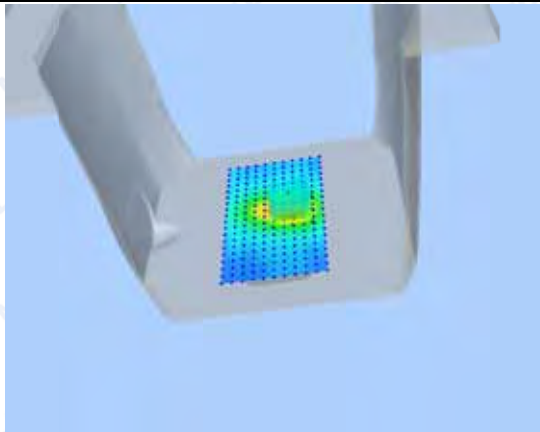
SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.165608
SAR 1g (W/Kg)	0.344579

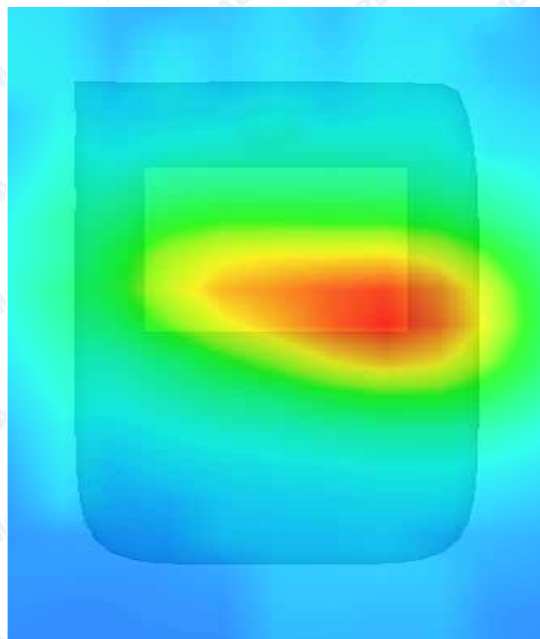
Z axis scan



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: 2015.07.23

Measurement duration: 9 minutes 33 seconds

A. Experimental conditions.

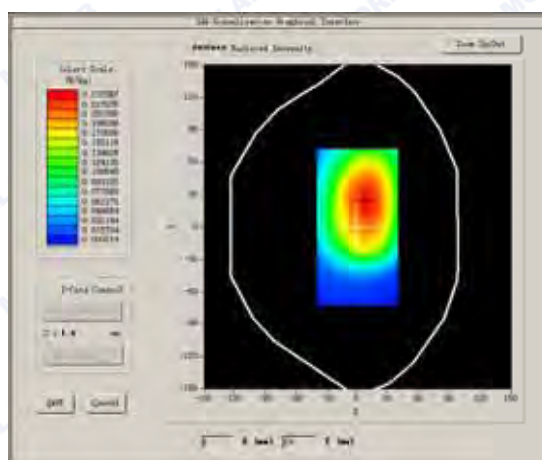
Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band 17
Channels	Middle
Signal	QPSK_10M_1RB offset 0

B. SAR Measurement Results

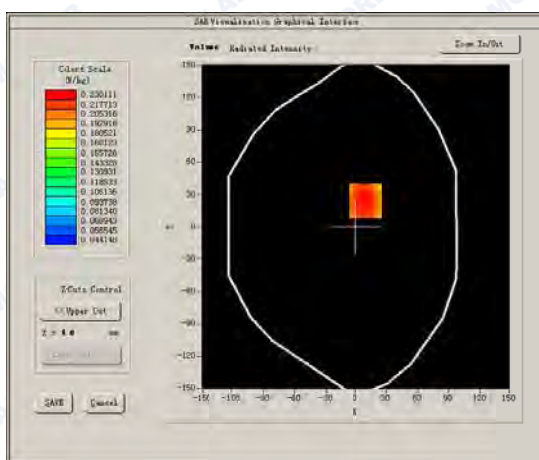
Middle Band SAR (Channel 23790):

Frequency (MHz)	710.000000
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





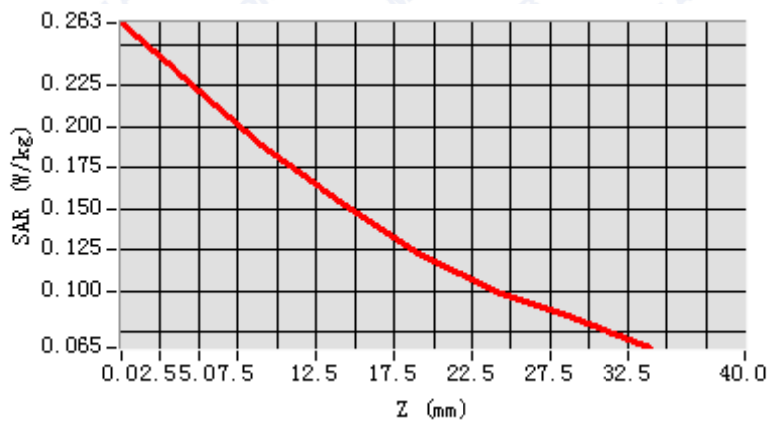
REPORT No. : SZ15060145S01

Maximum location: X=9.00, Y=24.00

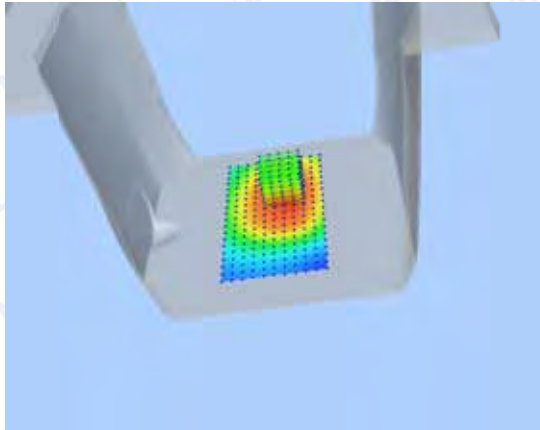
SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.208116
SAR 1g (W/Kg)	0.266855

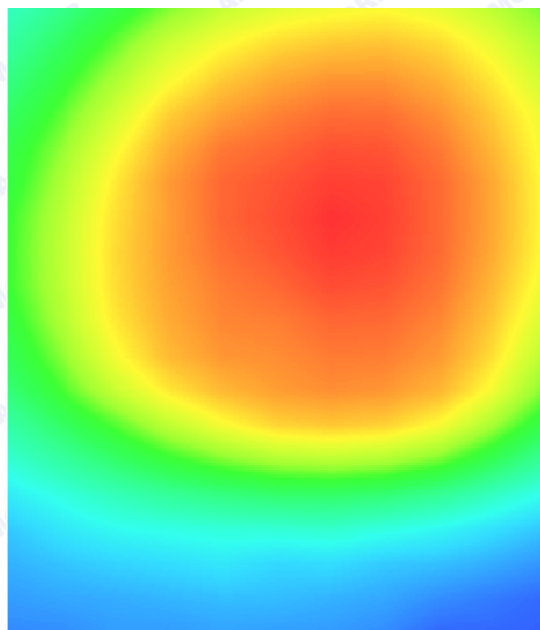
Z axis scan



3D screen shot



Hot spot position



**MEASUREMENT 14**

Type: Phone measurement (Complete)

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

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

Date of measurement: 2015.07.25

Measurement duration: 7 minutes 47 seconds

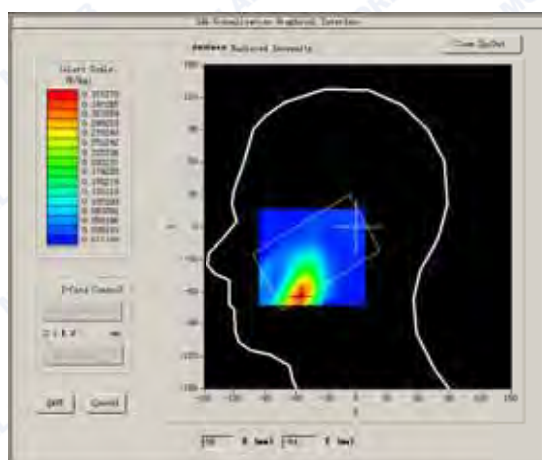
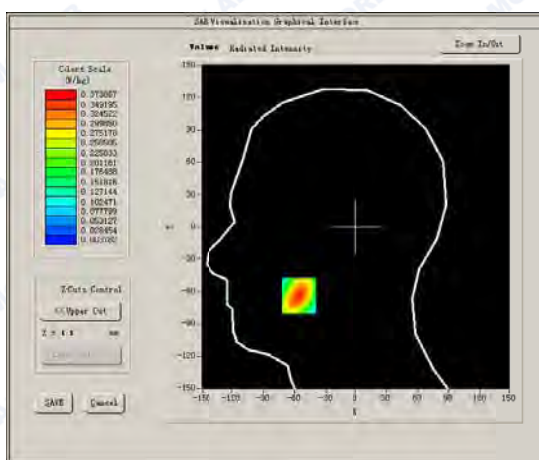
A. Experimental conditions.

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

B. SAR Measurement Results

Low Band SAR (Channel 1):

Frequency (MHz)	2412.000000
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**



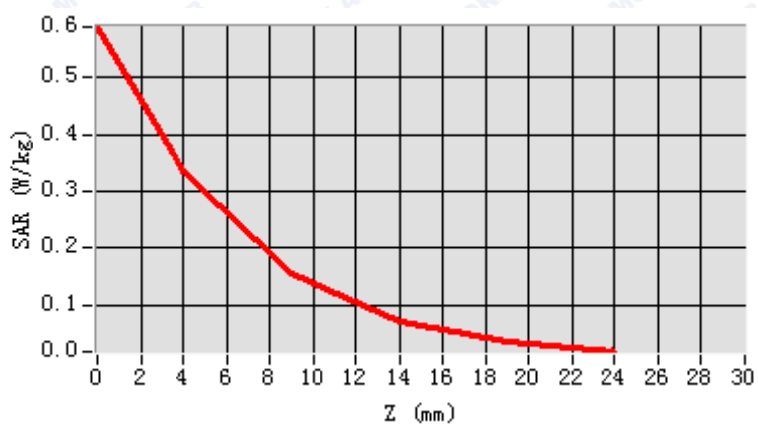
REPORT No. : SZ15060145S01

Maximum location: X=15.00, Y=2.00

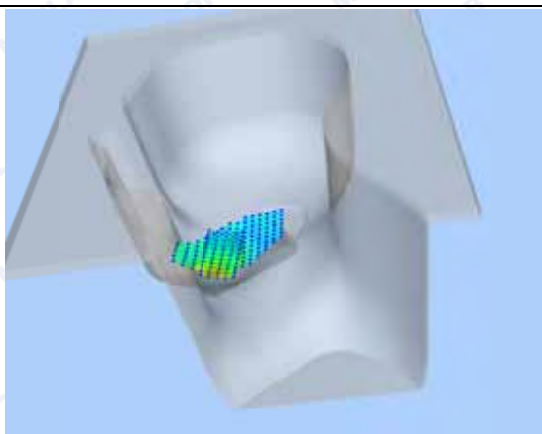
SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.164351
SAR 1g (W/Kg)	0.345074

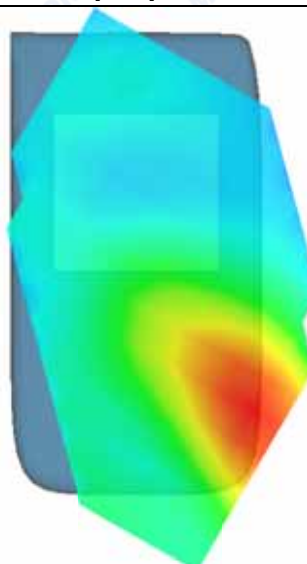
Z axis scan



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: 2015.07.25

Measurement duration: 9 minutes 31 seconds

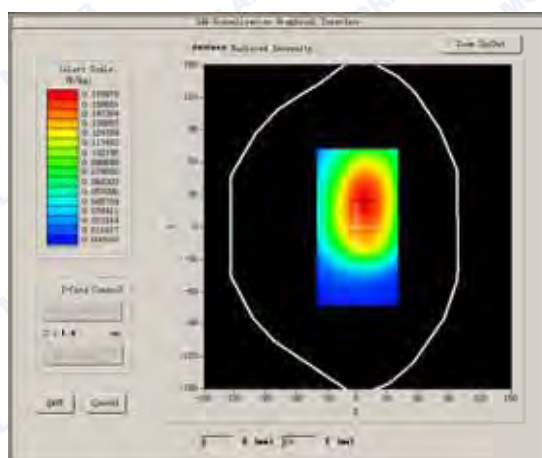
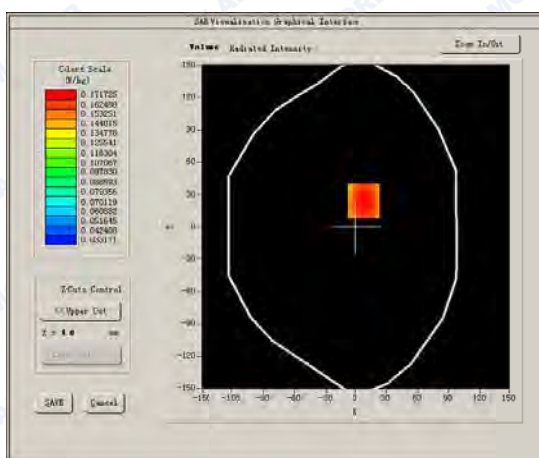
A. Experimental conditions.

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

B. SAR Measurement Results

Low Band SAR (Channel 1):

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

SURFACE SAR**VOLUME SAR**



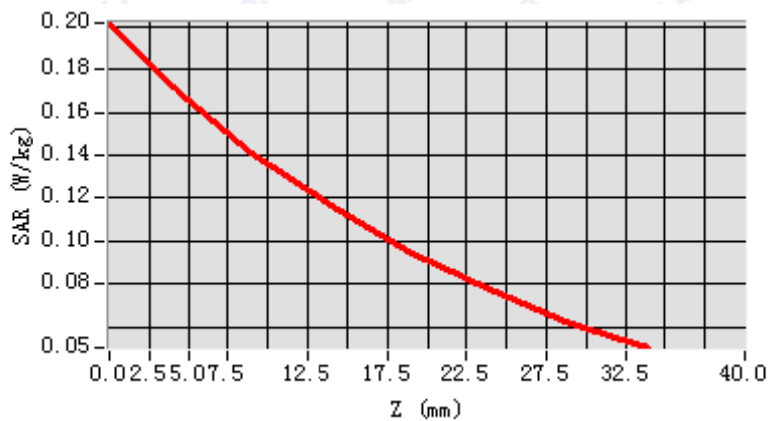
REPORT No. : SZ15060145S01

Maximum location: X=7.00, Y=24.00

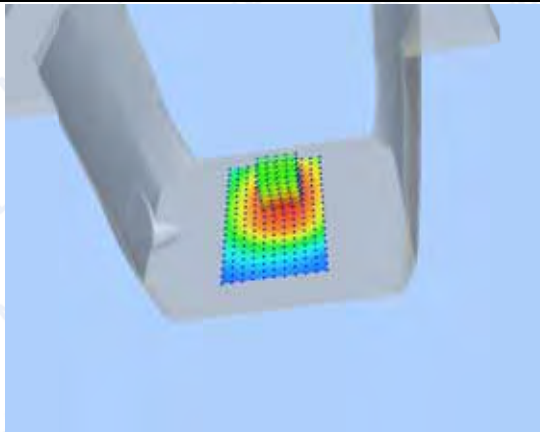
SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.137588
SAR 1g (W/Kg)	0.186127

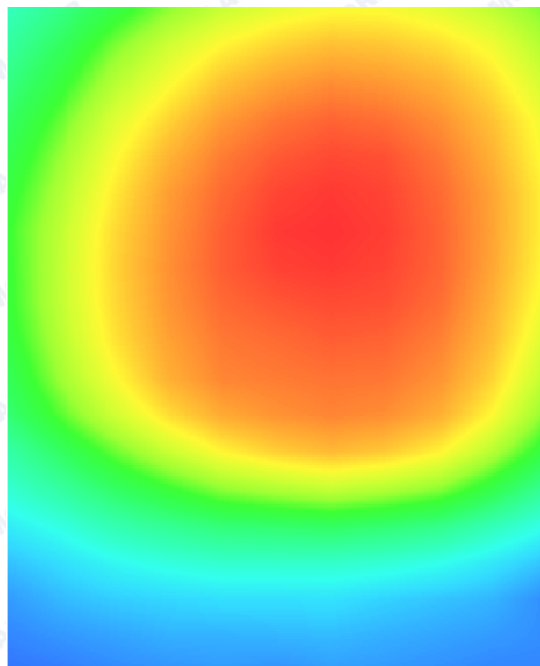
Z axis scan



3D screen shot



Hot spot position





REPORT No. : SZ15060145S01