

MEASUREMENT 1

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 33 seconds

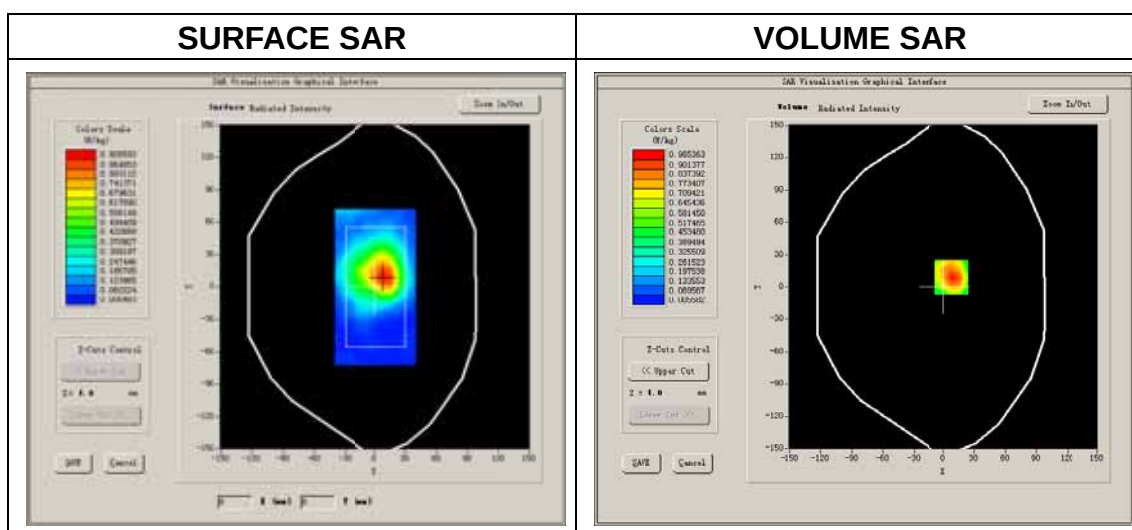
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Low
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

Low Band SAR (Channel 20050):

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	-0.990000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

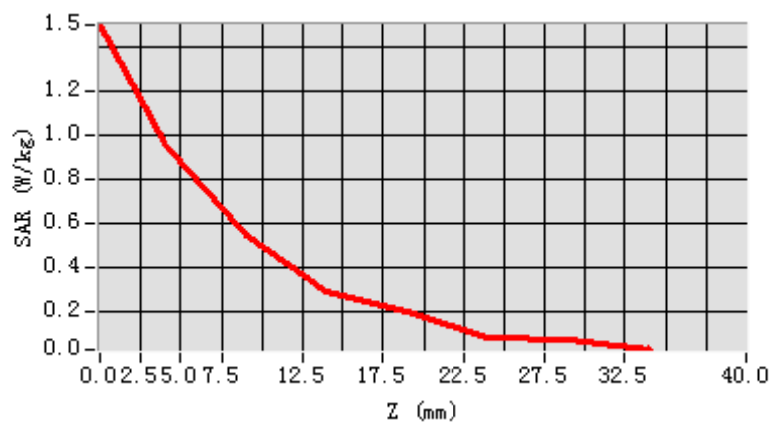


Maximum location: X=8.00, Y=9.00

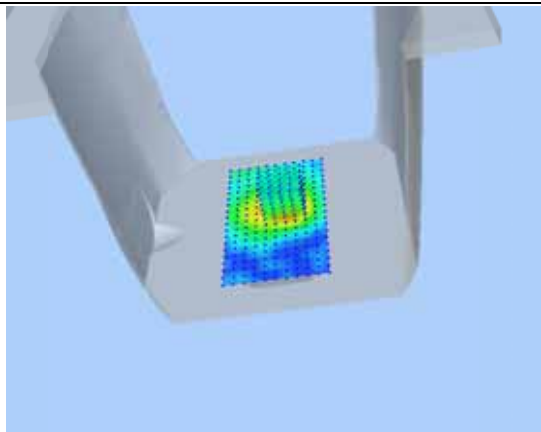
SAR Peak: 1.64 W/kg

SAR 10g (W/Kg)	0.540404
SAR 1g (W/Kg)	0.990981

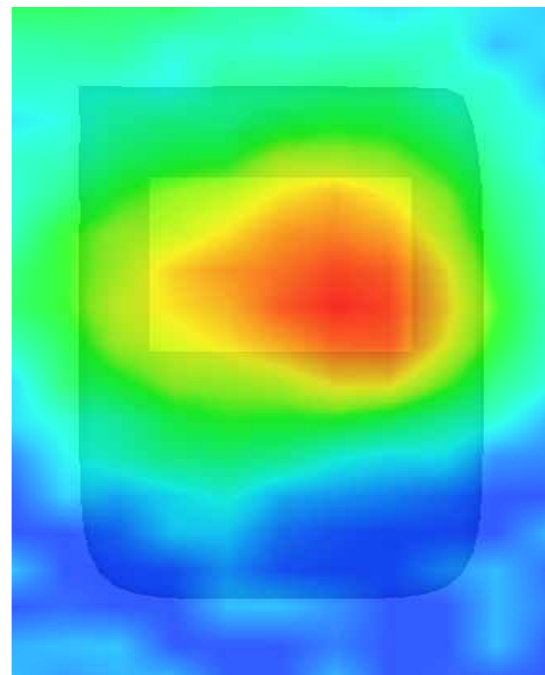
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 2

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 35 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	1.900000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

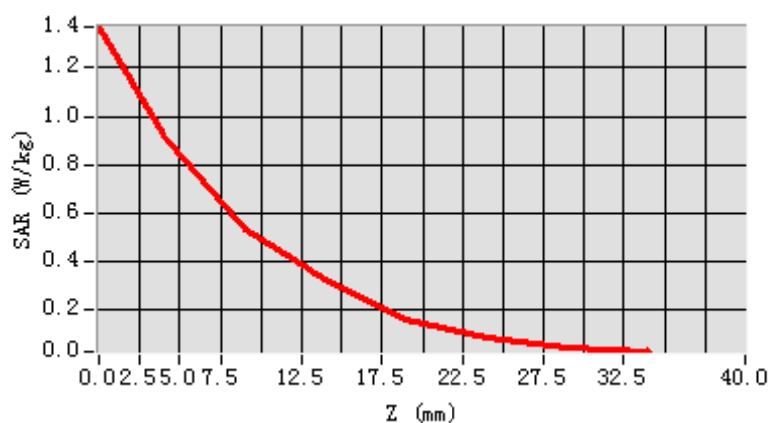


Maximum location: X=8.00, Y=9.00

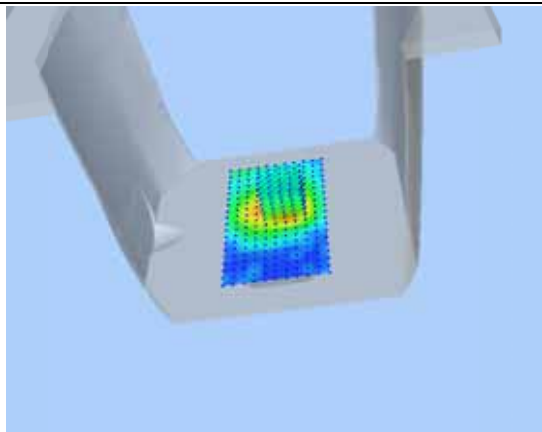
SAR Peak: 1.59 W/kg

SAR 10g (W/Kg)	0.531152
SAR 1g (W/Kg)	0.961109

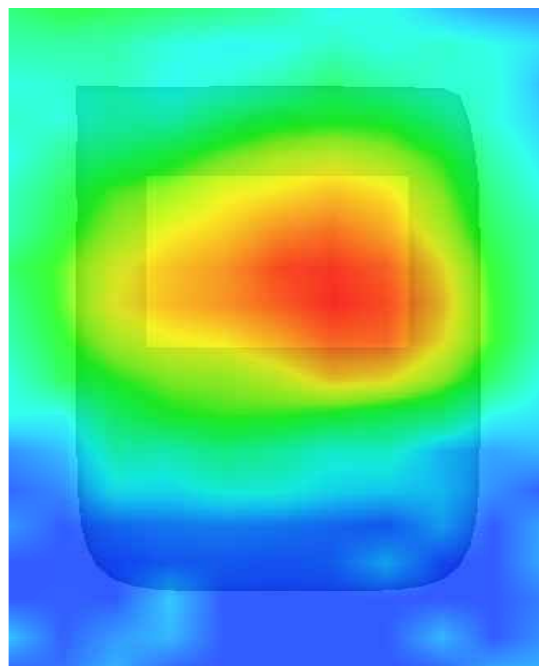
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 3

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 33 seconds

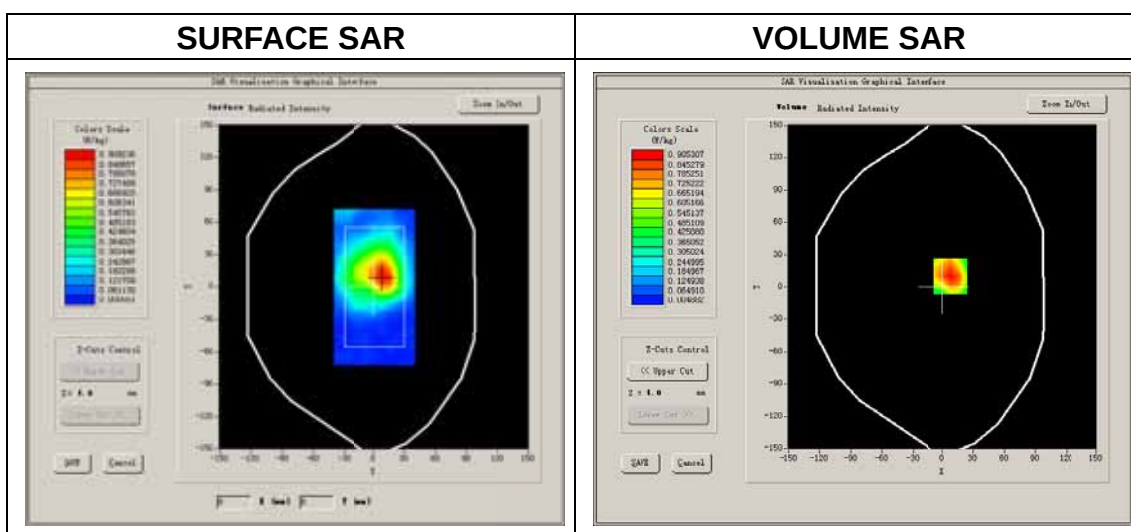
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	High
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

High Band SAR (Channel 20300):

Frequency (MHz)	1745.000000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	-1.210000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

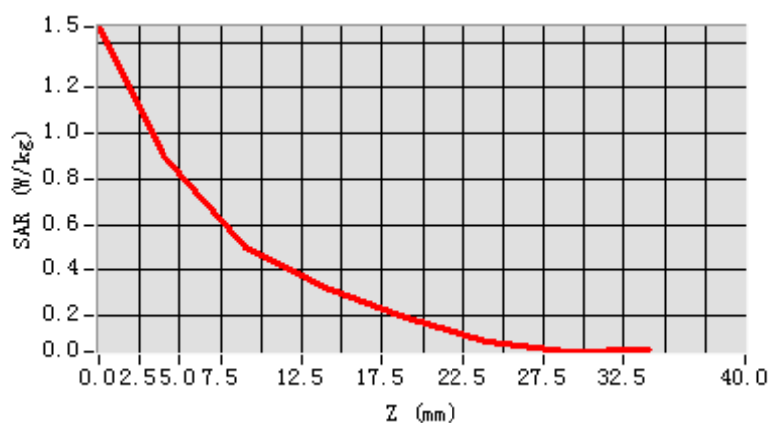


Maximum location: X=8.00, Y=10.00

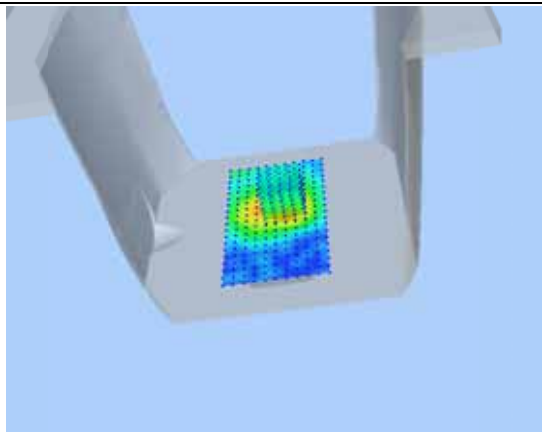
SAR Peak: 1.59 W/kg

SAR 10g (W/Kg)	0.521858
SAR 1g (W/Kg)	0.955254

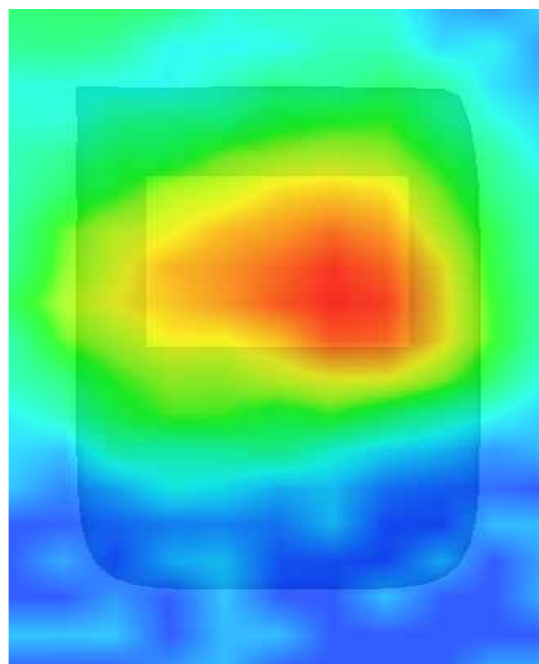
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 4

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 35 seconds

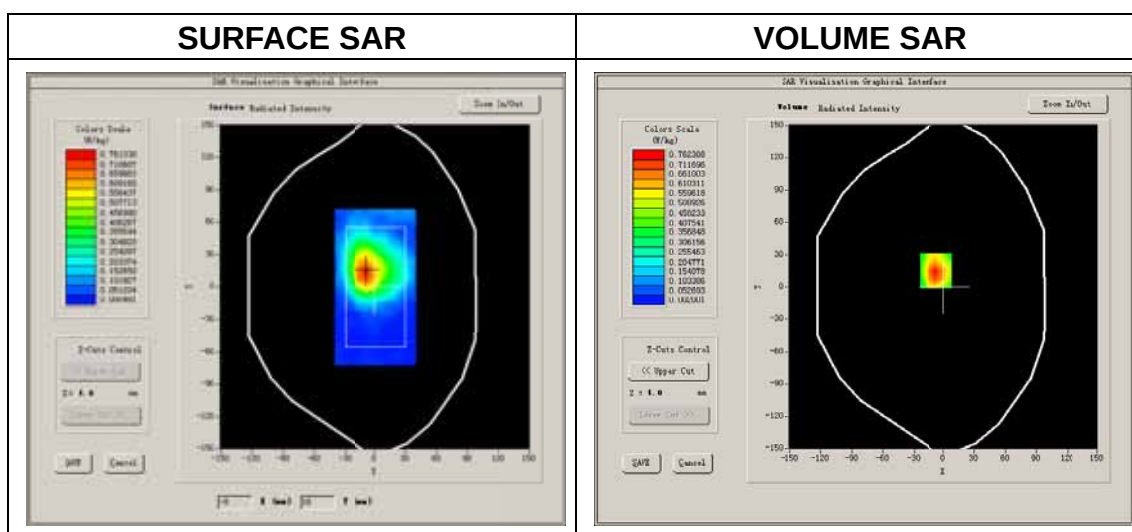
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	0.530000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

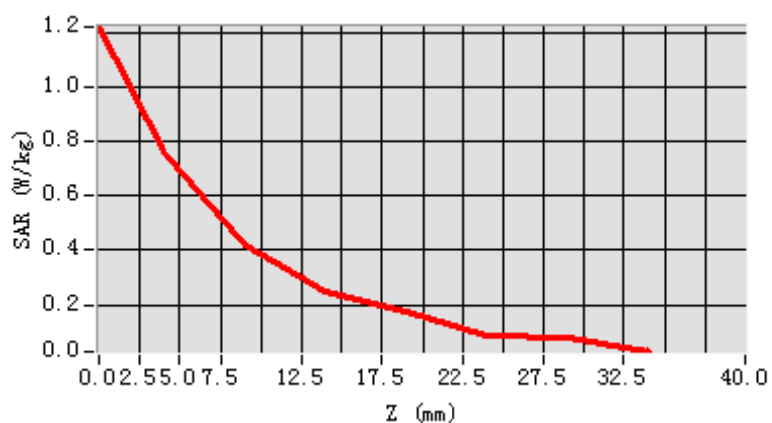


Maximum location: X=-8.00, Y=15.00

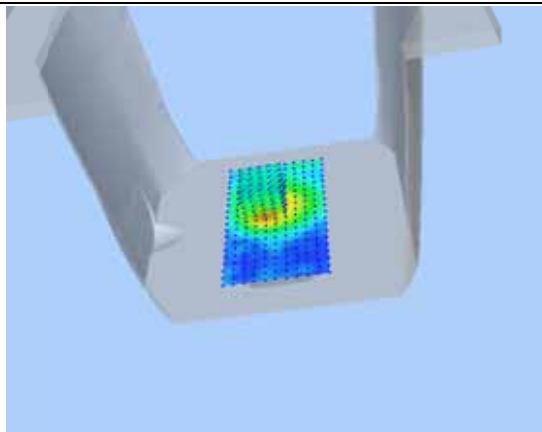
SAR Peak: 1.35 W/kg

SAR 10g (W/Kg)	0.411627
SAR 1g (W/Kg)	0.780405

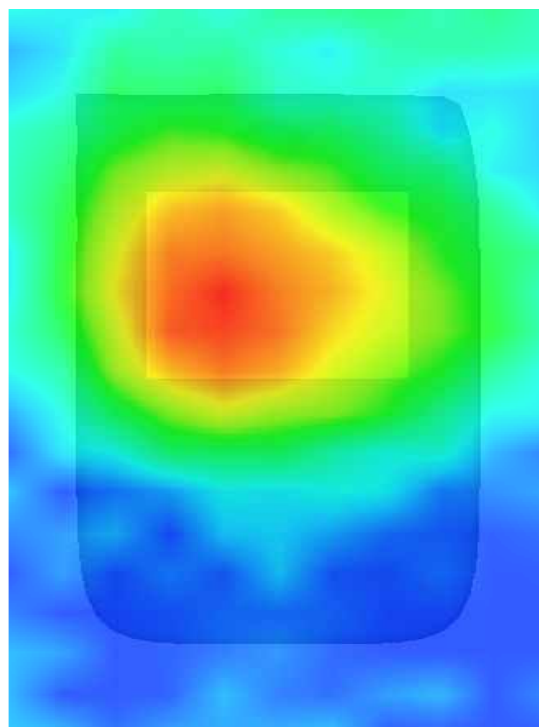
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 5

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 34 seconds

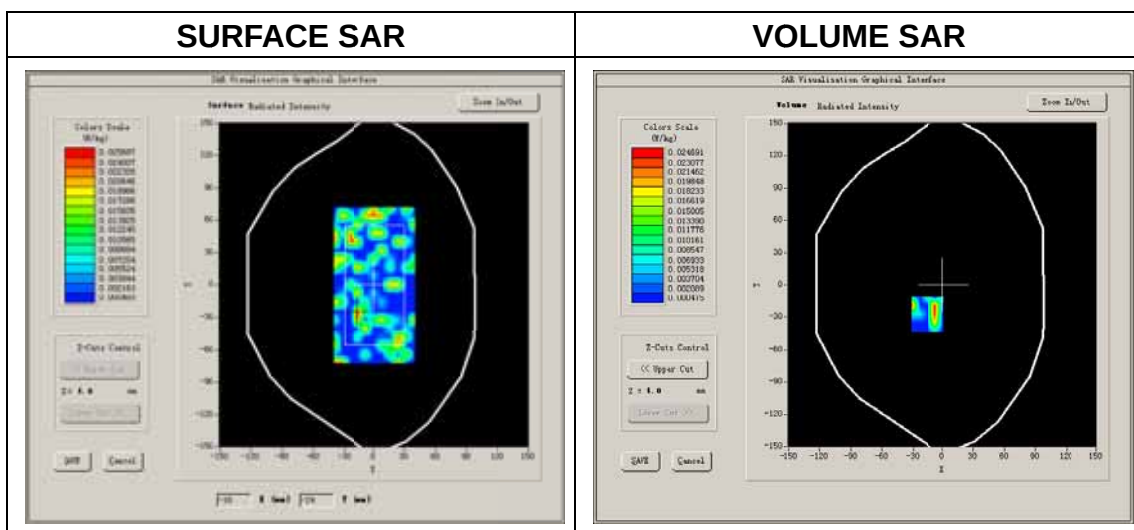
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

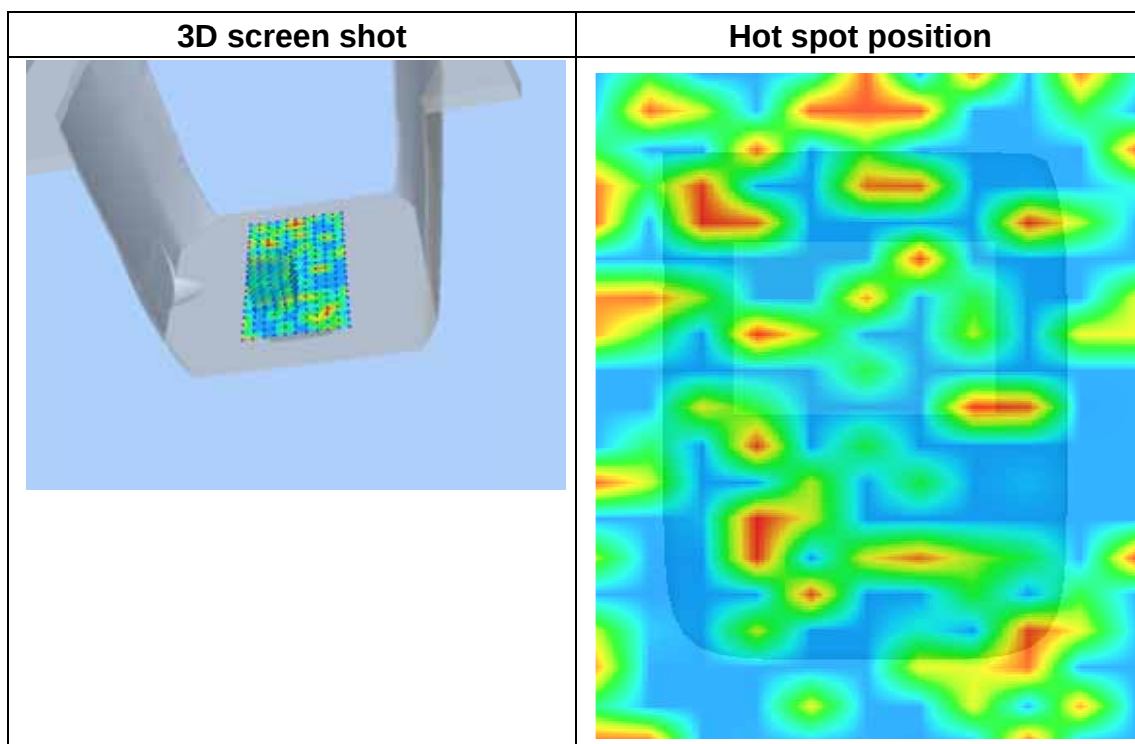
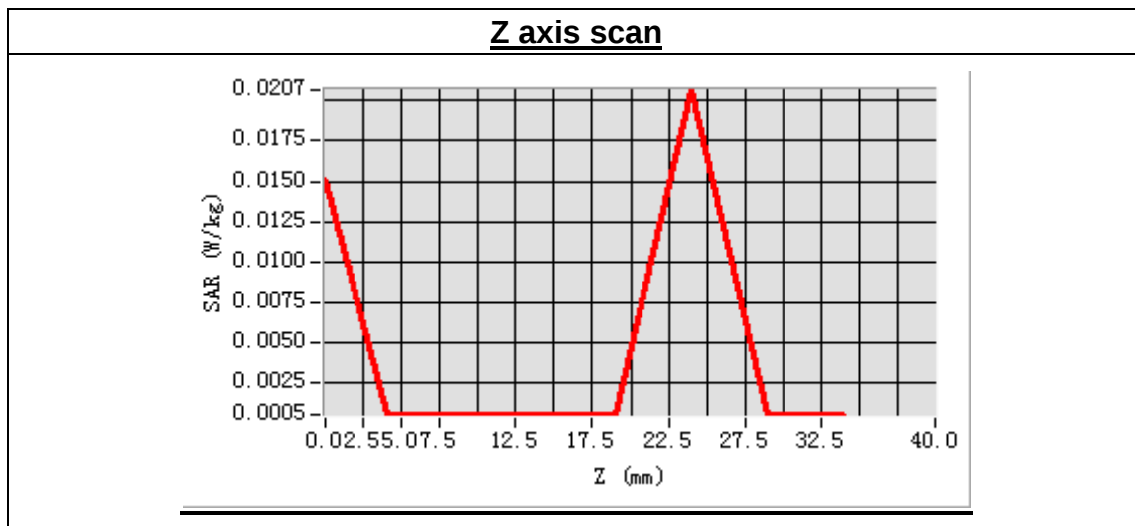
Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	-1.010000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1



Maximum location: X=-15.00, Y=-27.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.009323
SAR 1g (W/Kg)	0.035644



MEASUREMENT 6

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 30 seconds

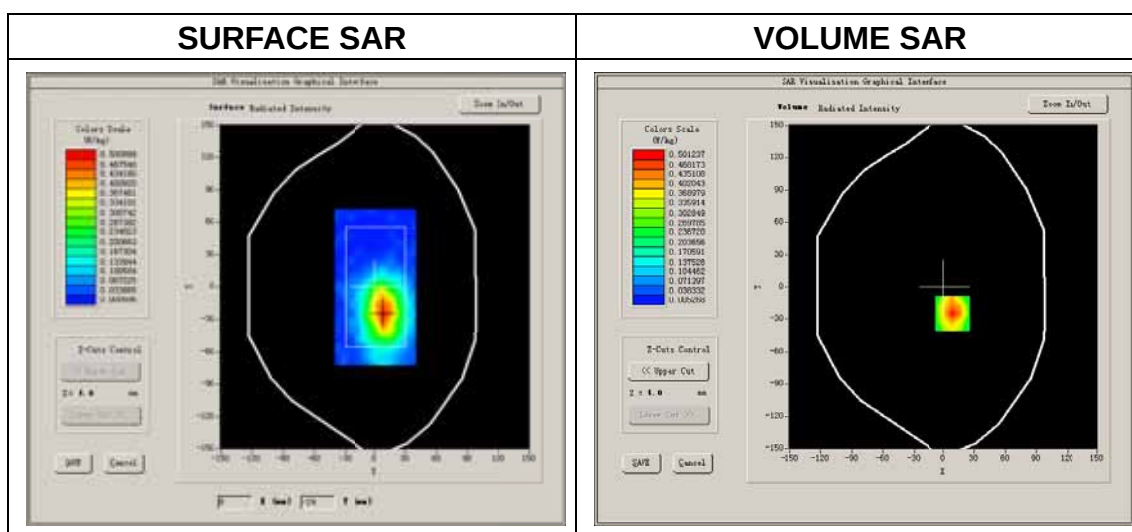
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	0.520000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

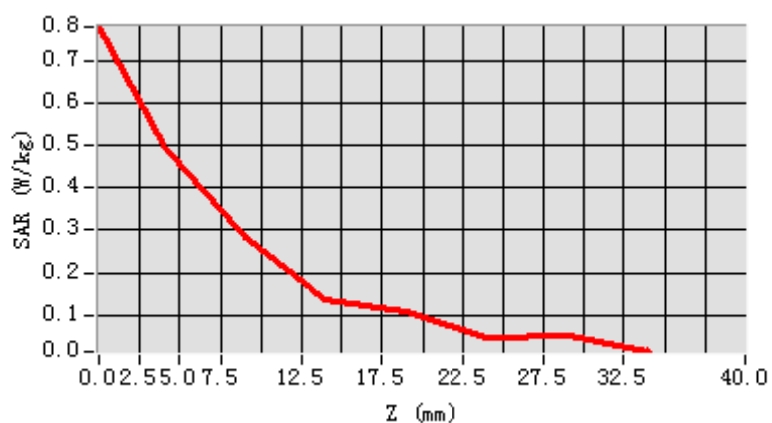


Maximum location: X=9.00, Y=-25.00

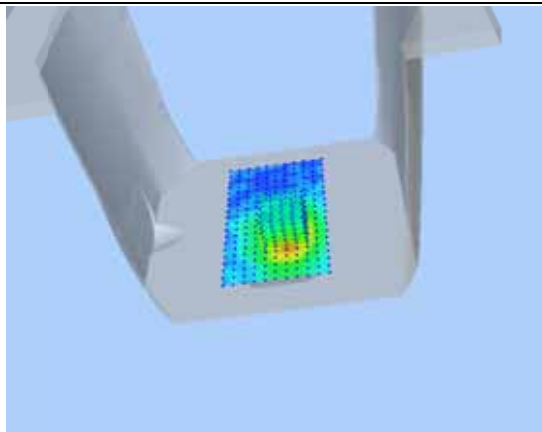
SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)	0.269101
SAR 1g (W/Kg)	0.504369

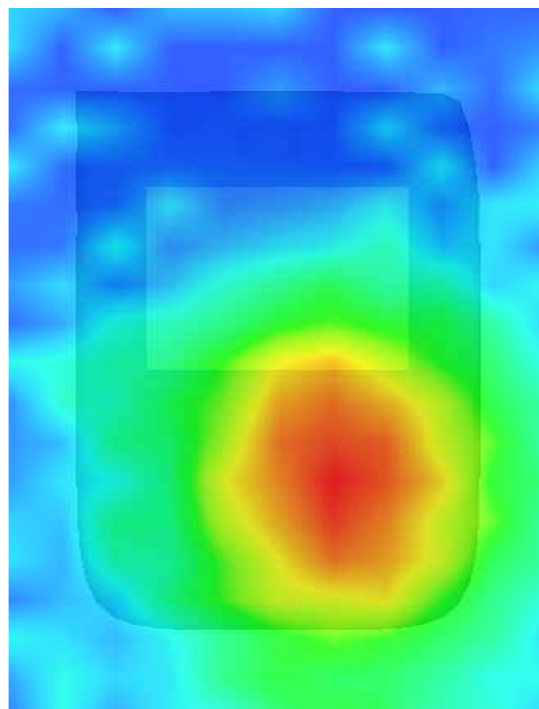
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 7

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 34 seconds

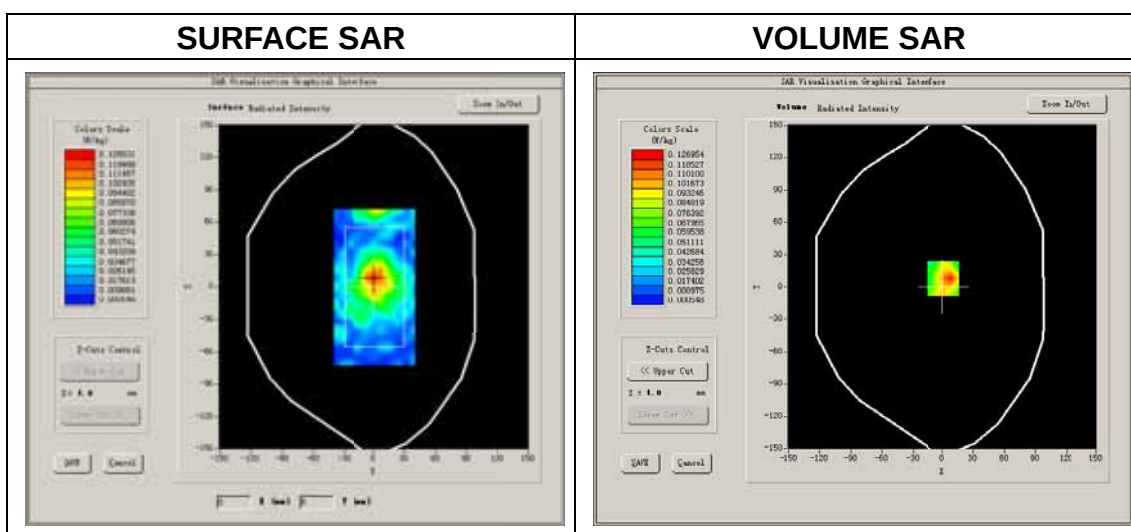
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 99

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

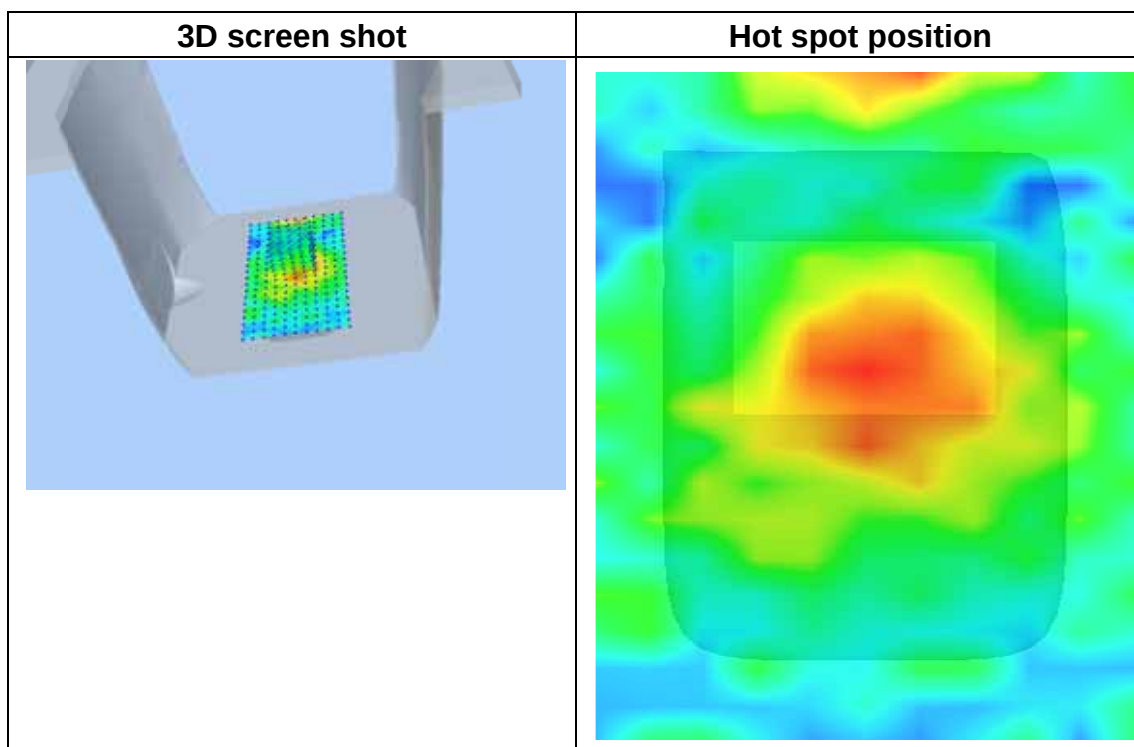
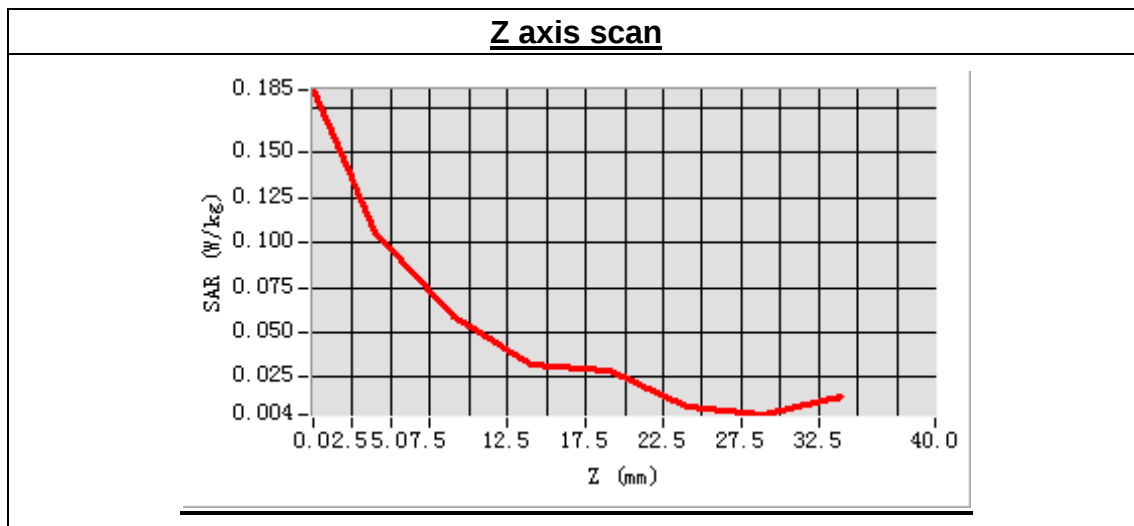
Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	1.700000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1



Maximum location: X=0.00, Y=8.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.067184
SAR 1g (W/Kg)	0.134258



MEASUREMENT 8

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 34 seconds

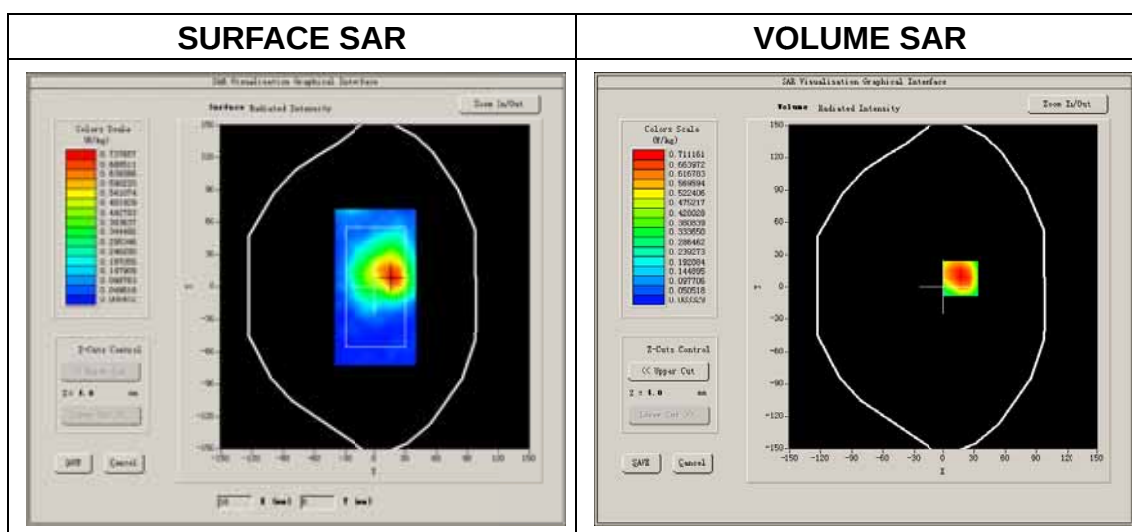
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	-2.650000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

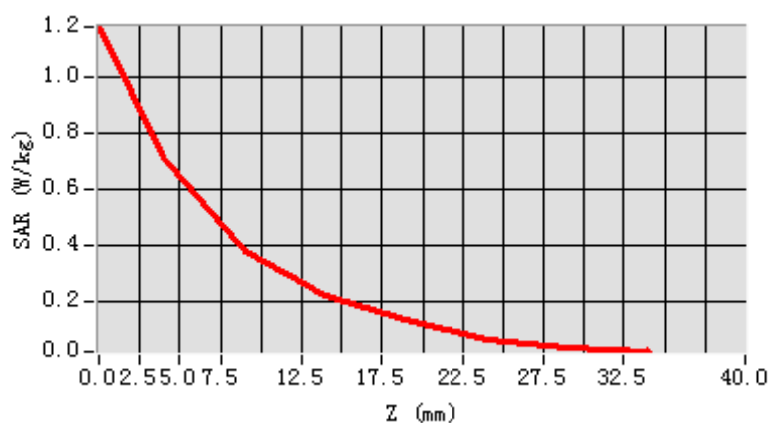


Maximum location: X=17.00, Y=8.00

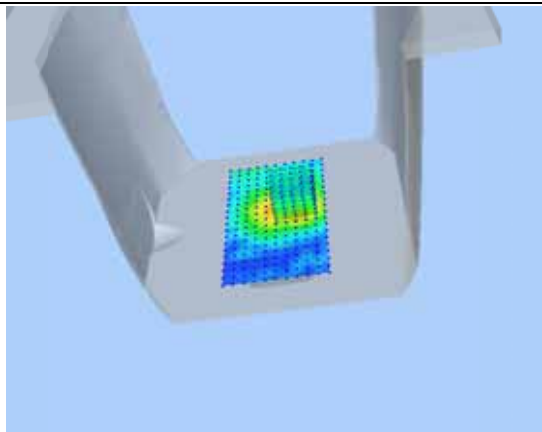
SAR Peak: 1.31 W/kg

SAR 10g (W/Kg)	0.414268
SAR 1g (W/Kg)	0.767217

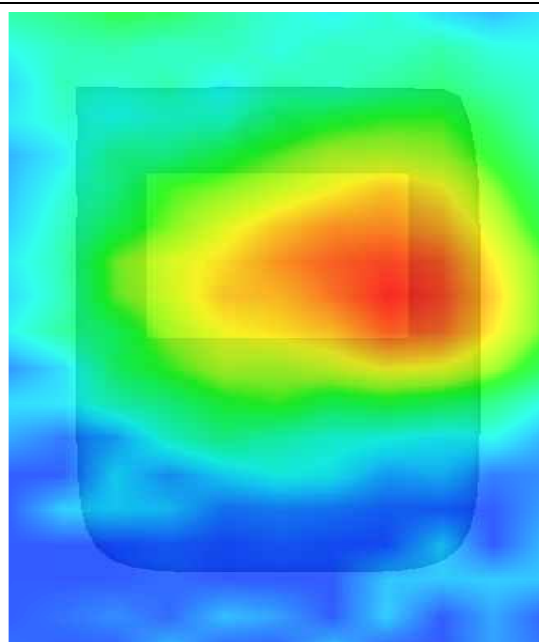
Z axis scan



3D screen shot



Hot spot position



MEASUREMENT 9

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.25

Measurement duration: 9 minutes 29 seconds

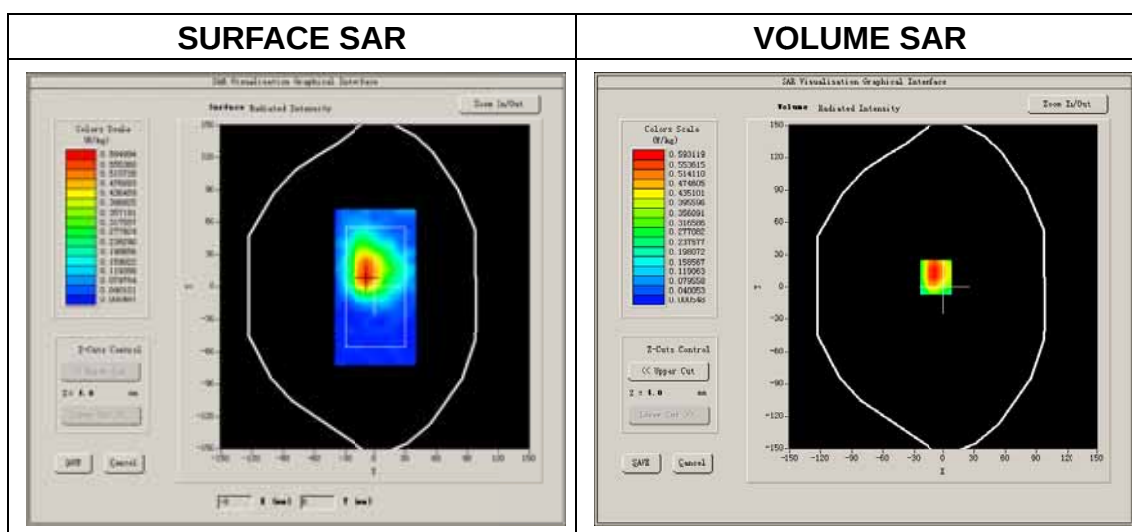
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	3.030000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

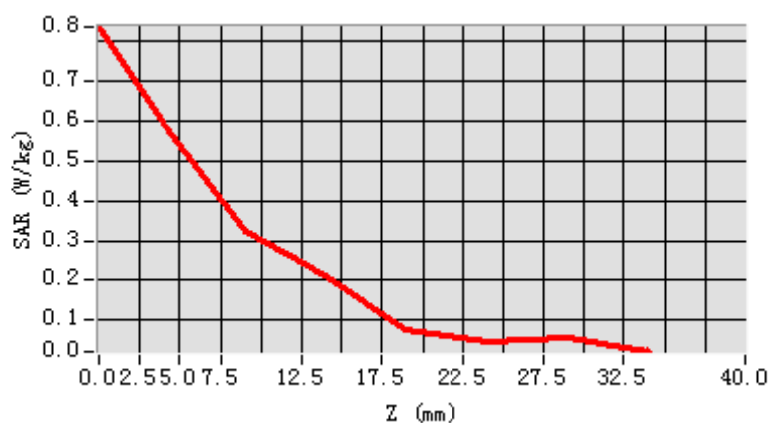


Maximum location: X=-8.00, Y=9.00

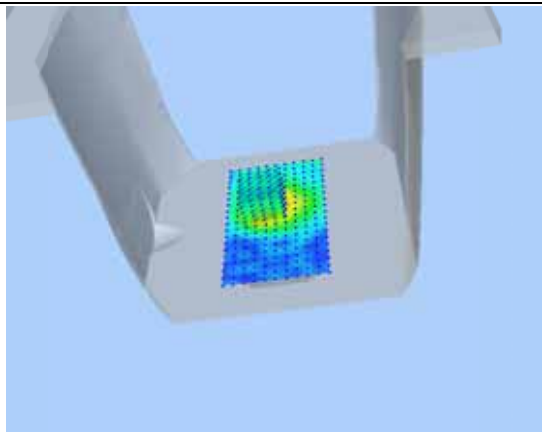
SAR Peak: 1.05 W/kg

SAR 10g (W/Kg)	0.336444
SAR 1g (W/Kg)	0.625553

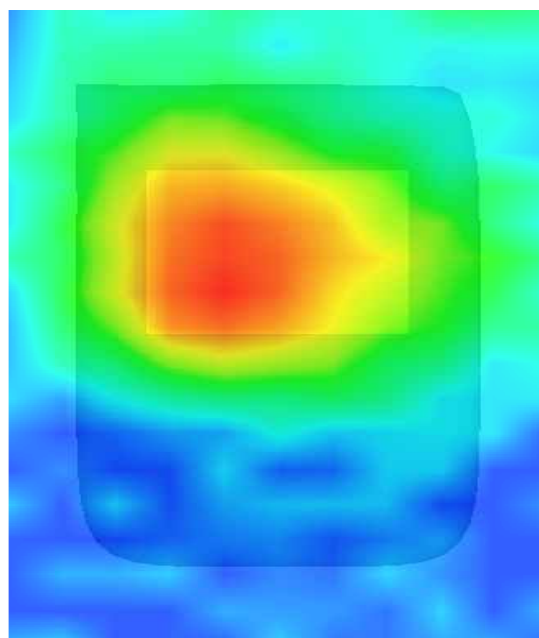
Z axis scan



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: 2014.6.25

Measurement duration: 9 minutes 38 seconds

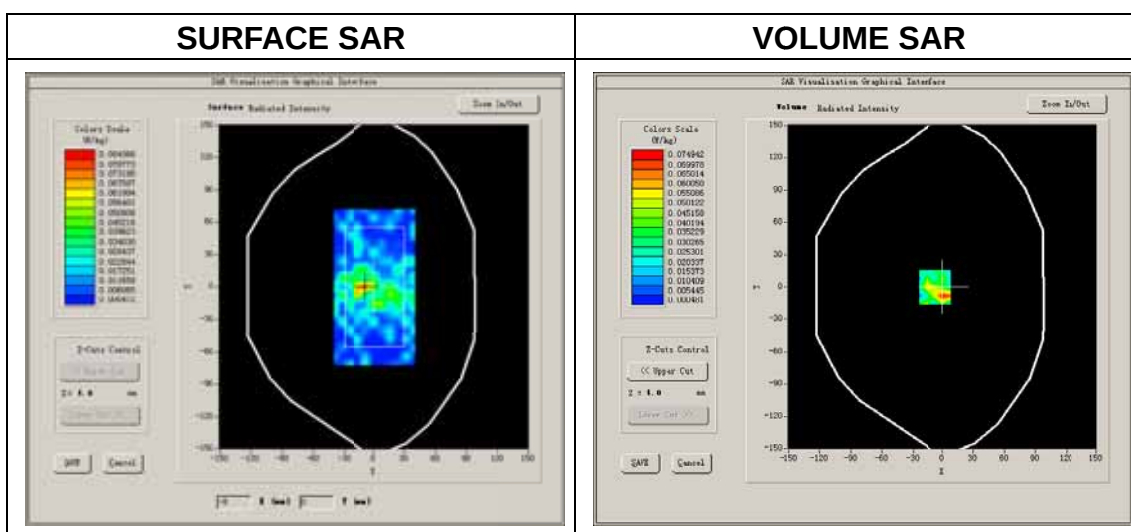
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middleer
Signal	QPSK_50RB_RB offset 25

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

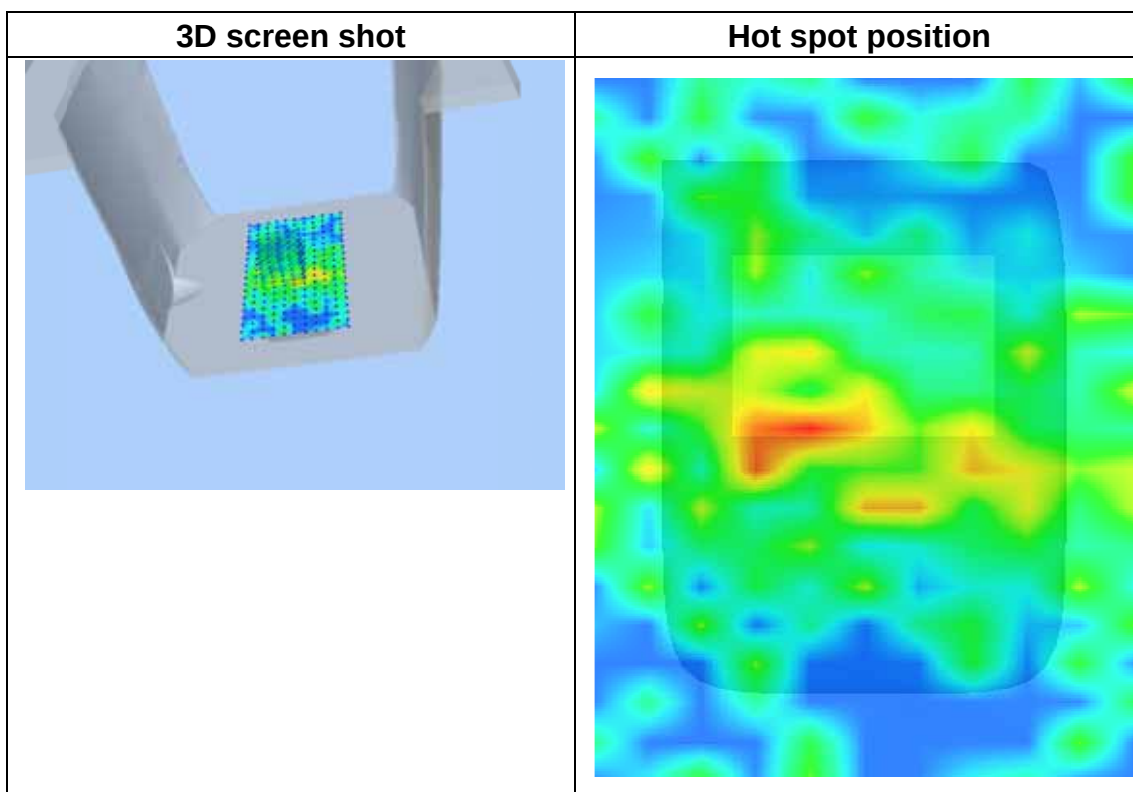
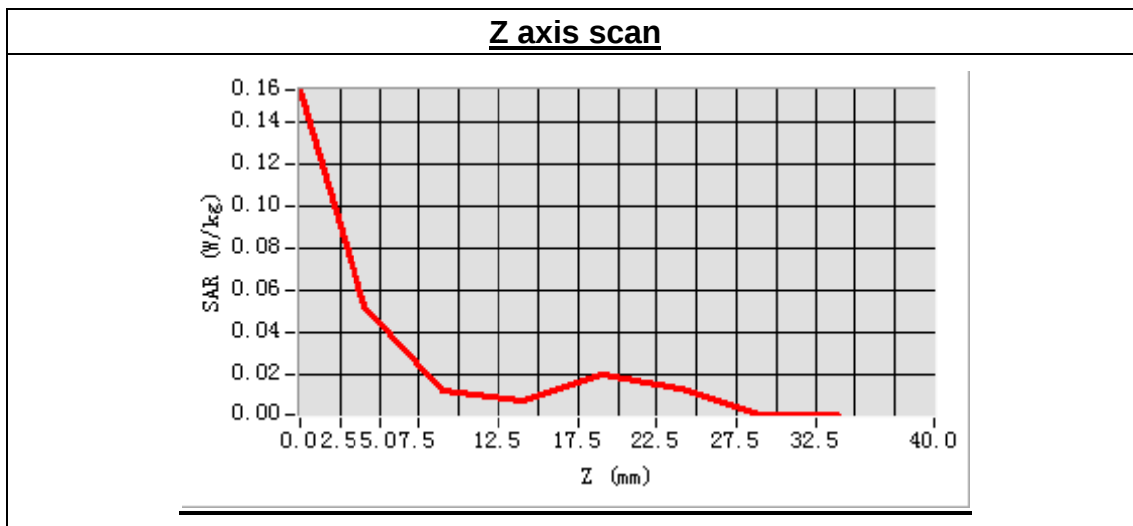
Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	-2.600000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1



Maximum location: X=-8.00, Y=0.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.027326
SAR 1g (W/Kg)	0.073089



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: 2014.6.25

Measurement duration: 9 minutes 34 seconds

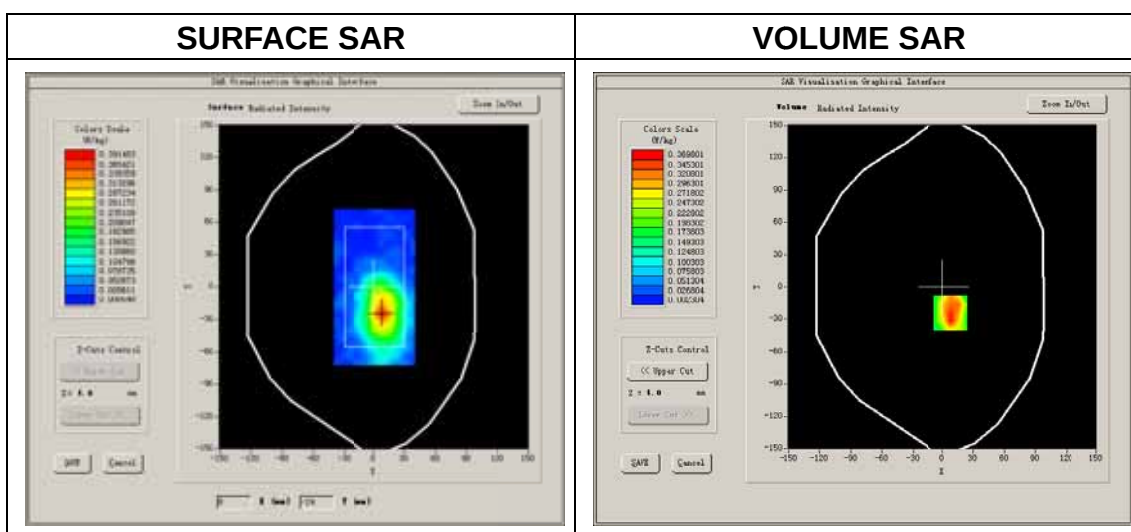
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	0.820000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

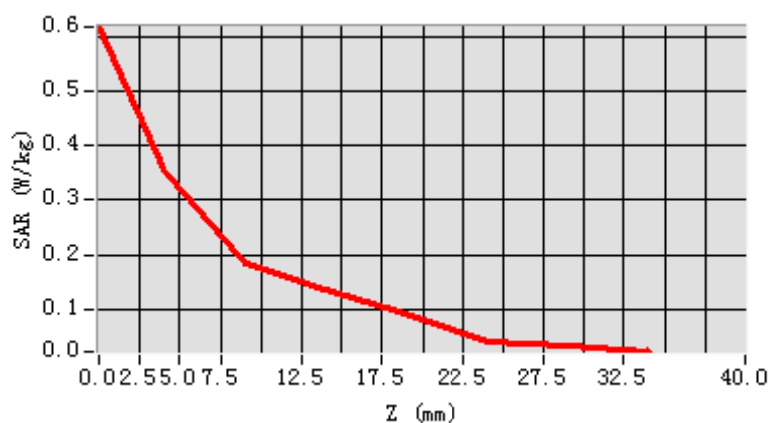


Maximum location: X=8.00, Y=-24.00

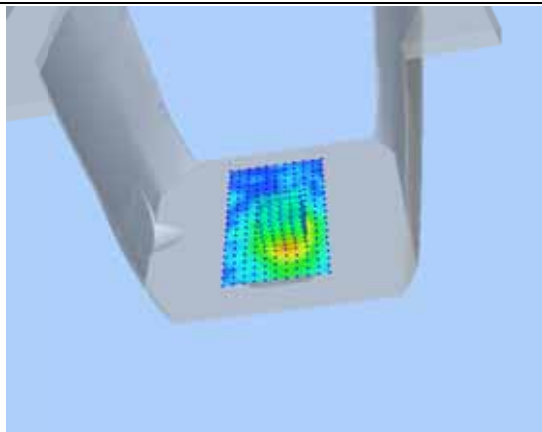
SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.204207
SAR 1g (W/Kg)	0.385526

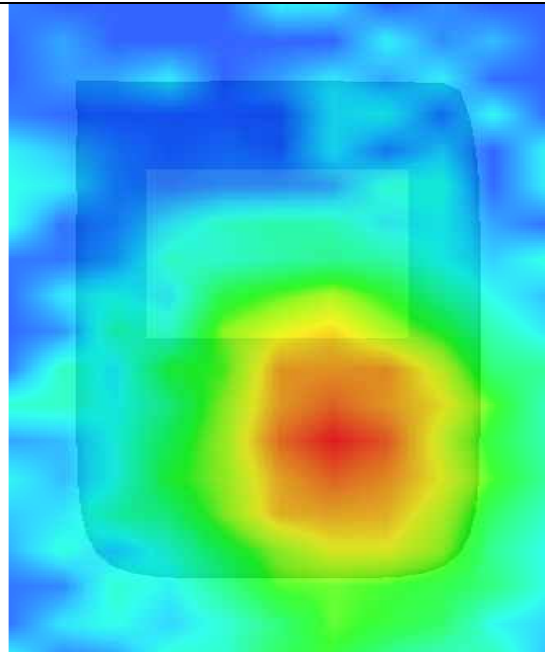
Z axis scan



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: 2014.6.25

Measurement duration: 9 minutes 37 seconds

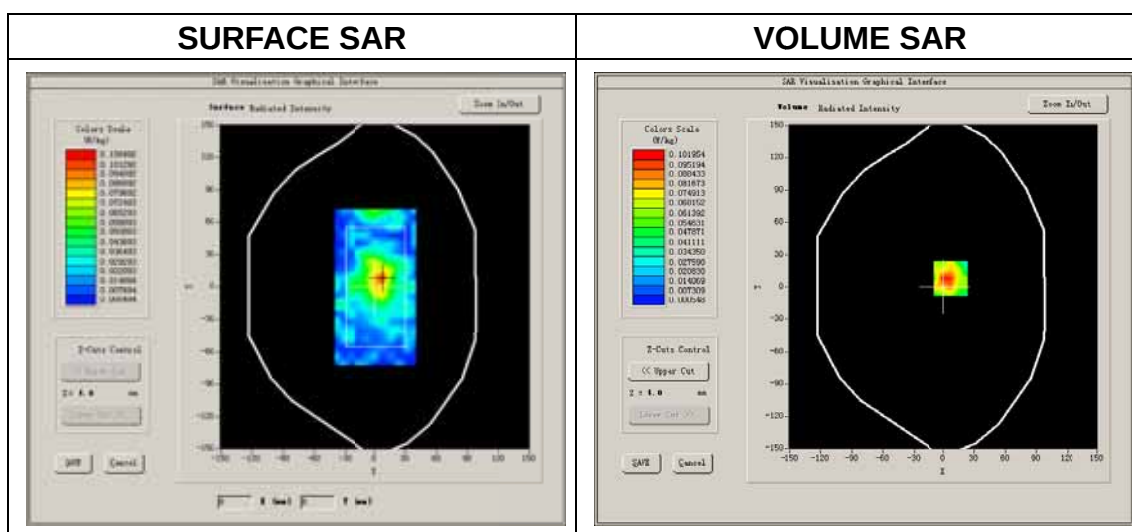
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_50RB_RB offset 25

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	4.010000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

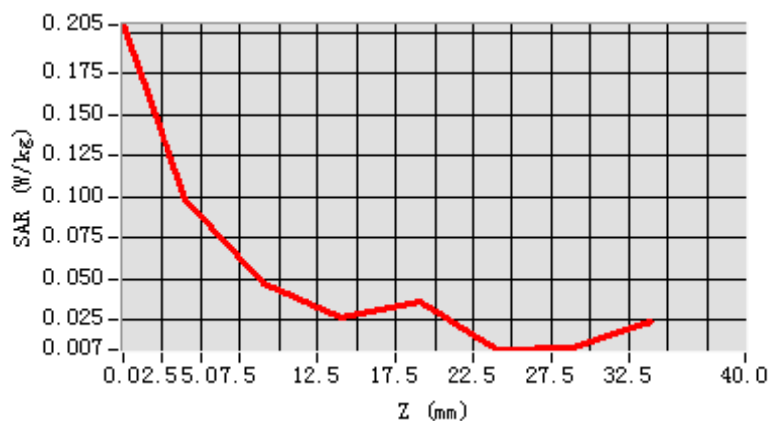


Maximum location: X=7.00, Y=8.00

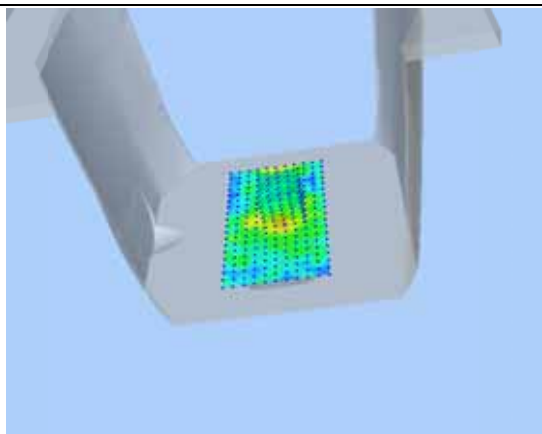
SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.055219
SAR 1g (W/Kg)	0.115497

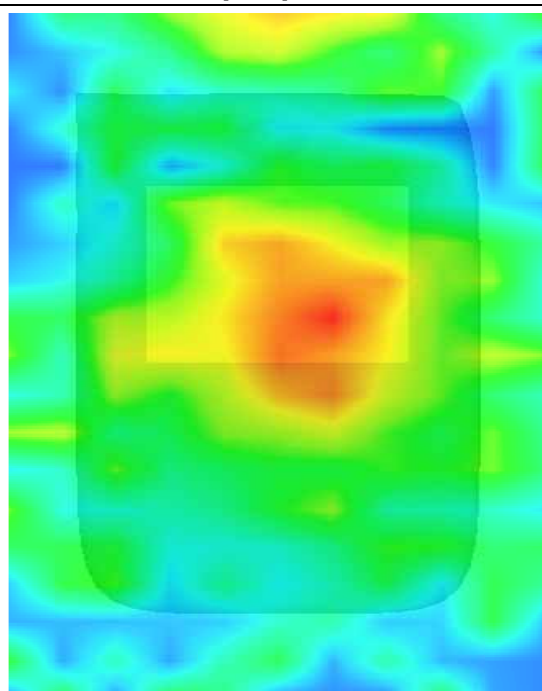
Z axis scan



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: 2014.6.25

Measurement duration: 9 minutes 36 seconds

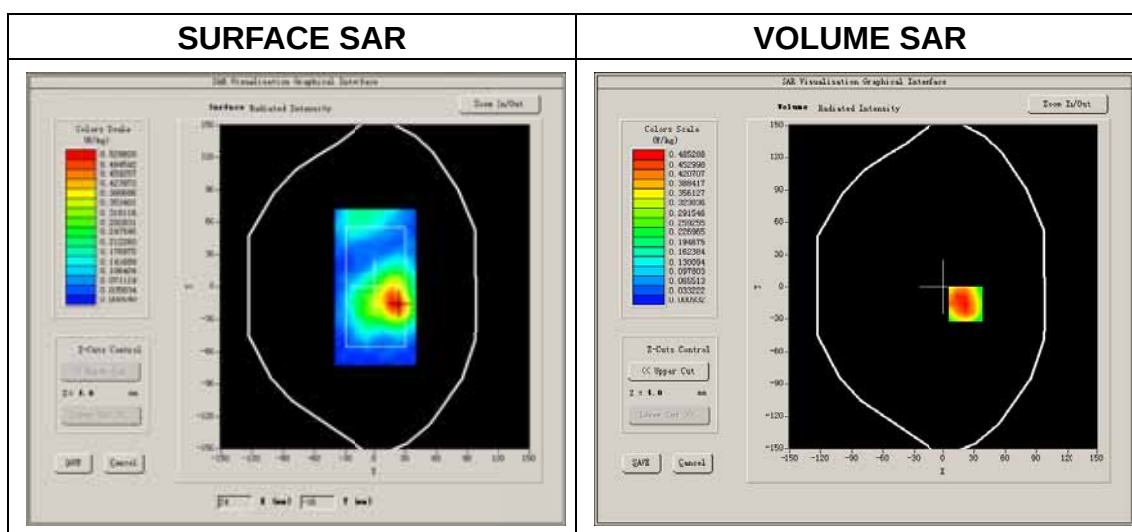
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band4 (20MHz)
Channels	Middle
Signal	QPSK_100RB_RB offset 0

B. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	53.560397
Conductivity (S/m)	1.468859
Power drift (%)	-3.050000
Ambient Temperature:	22.4°C
Liquid Temperature:	21.9°C
ConvF:	5.51
Crest factor:	1:1

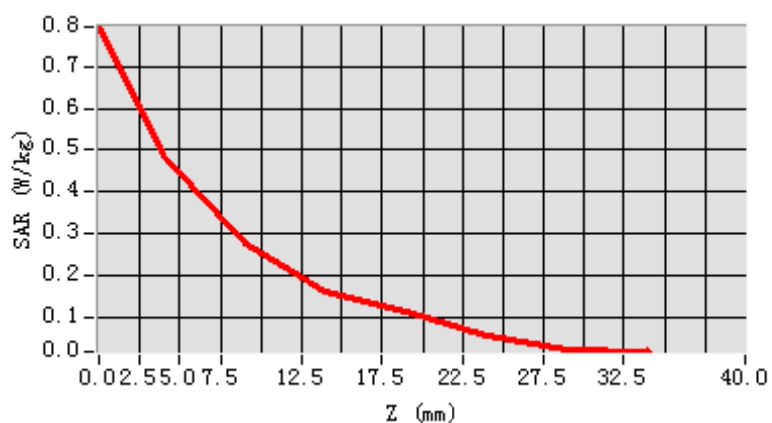


Maximum location: X=22.00, Y=-16.00

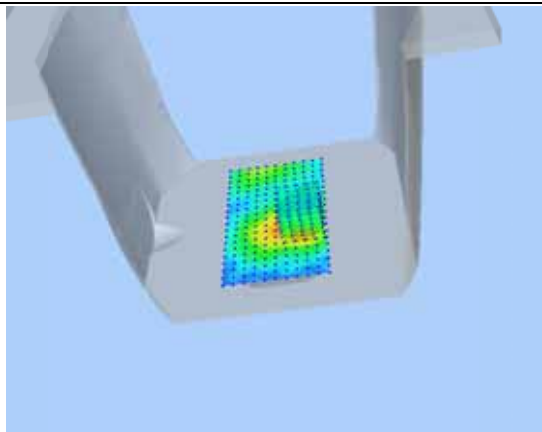
SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)	0.291639
SAR 1g (W/Kg)	0.510821

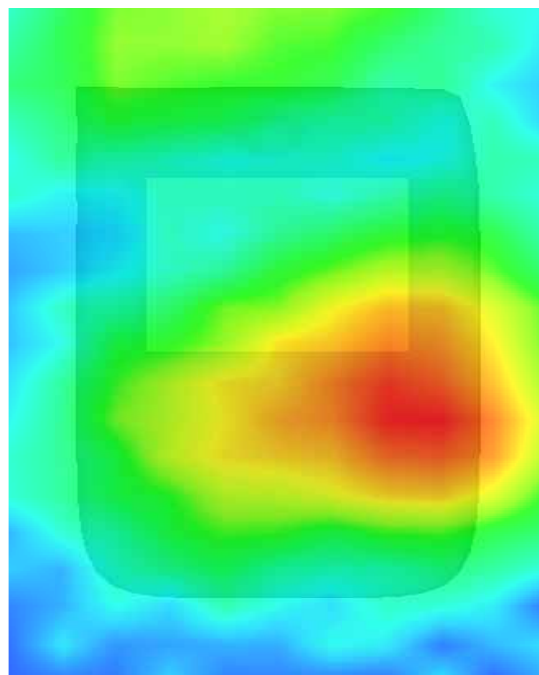
Z axis scan



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: 2014.6.27

Measurement duration: 13 minutes 11 seconds

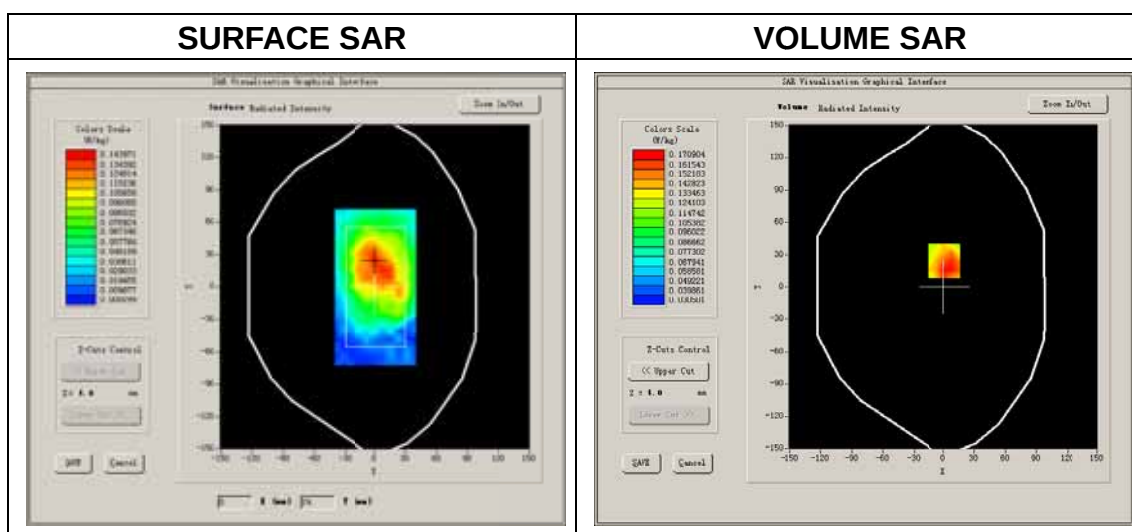
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

B. SAR Measurement Results

Middle Band SAR (Channel 23790):

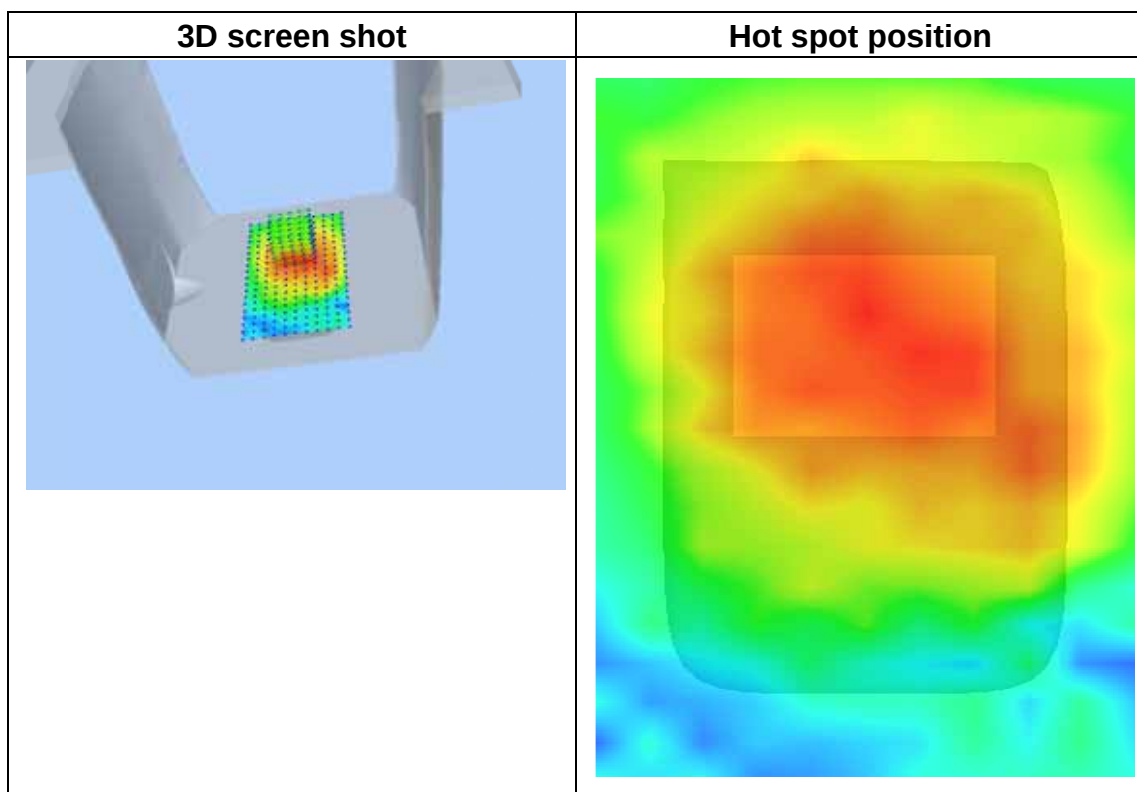
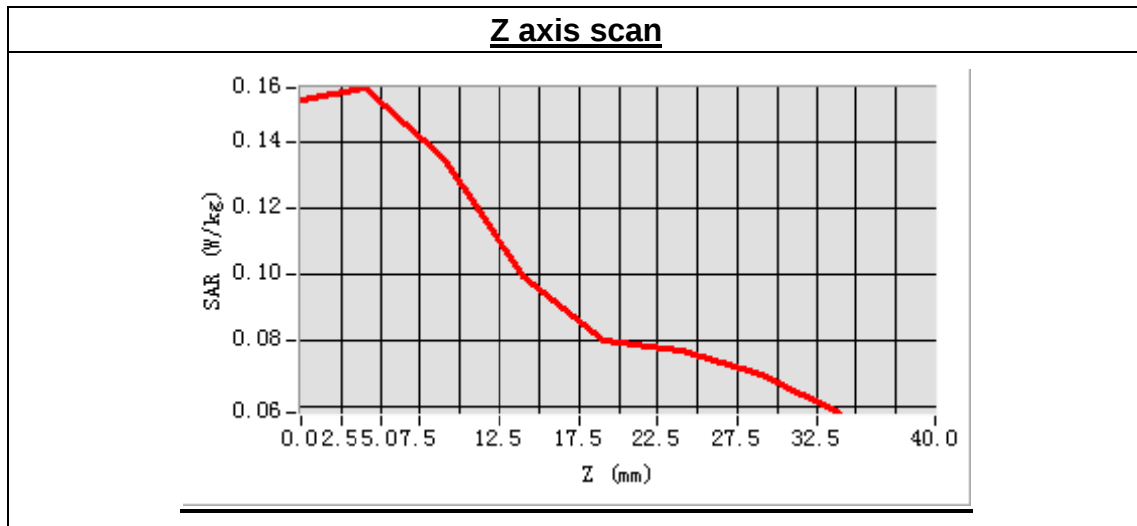
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	2.060000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=0.00, Y=24.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.145911
SAR 1g (W/Kg)	0.203629



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: 2014.6.27

Measurement duration: 9 minutes 32 seconds

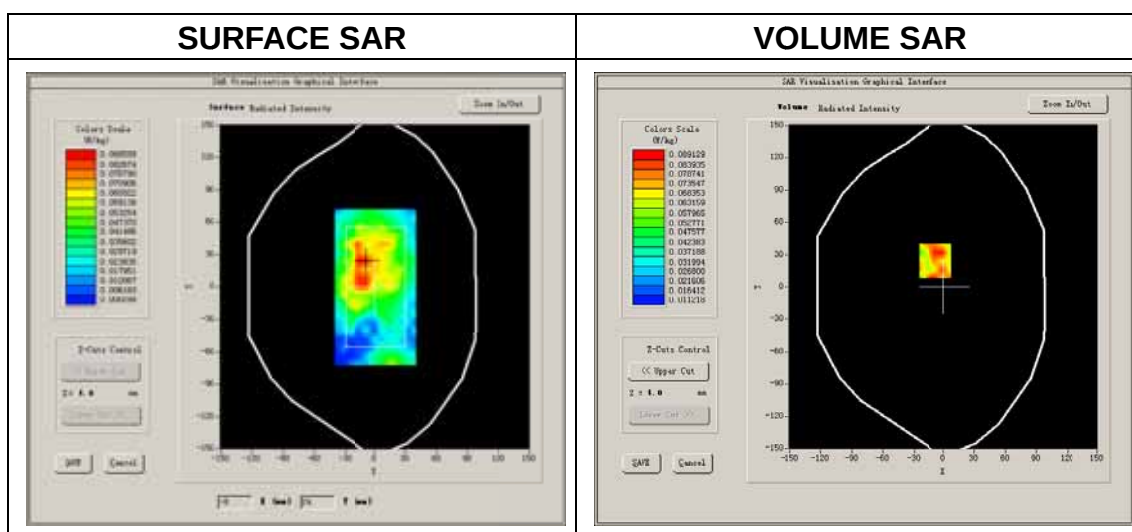
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

B. SAR Measurement Results

Middle Band SAR (Channel 23790):

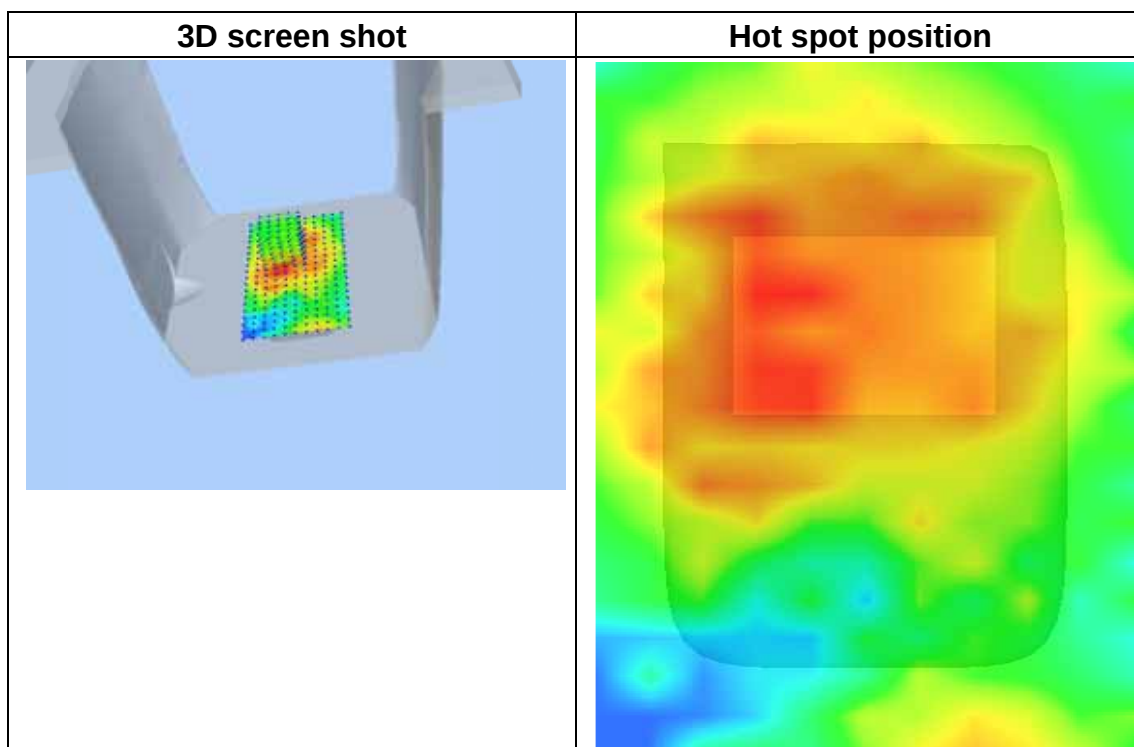
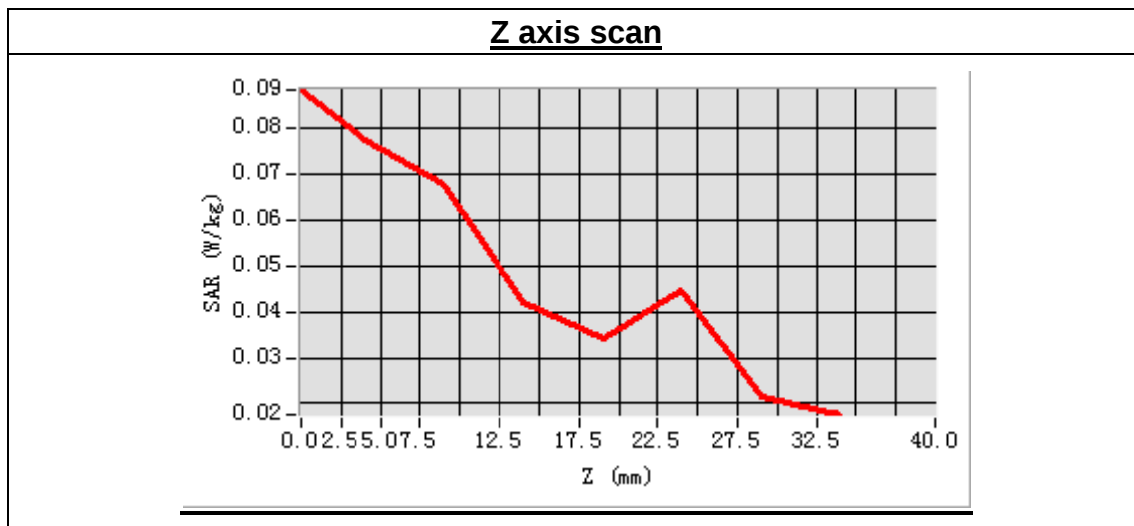
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	-3.010000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=-9.00, Y=24.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.066900
SAR 1g (W/Kg)	0.091495



MEASUREMENT 16

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 30 seconds

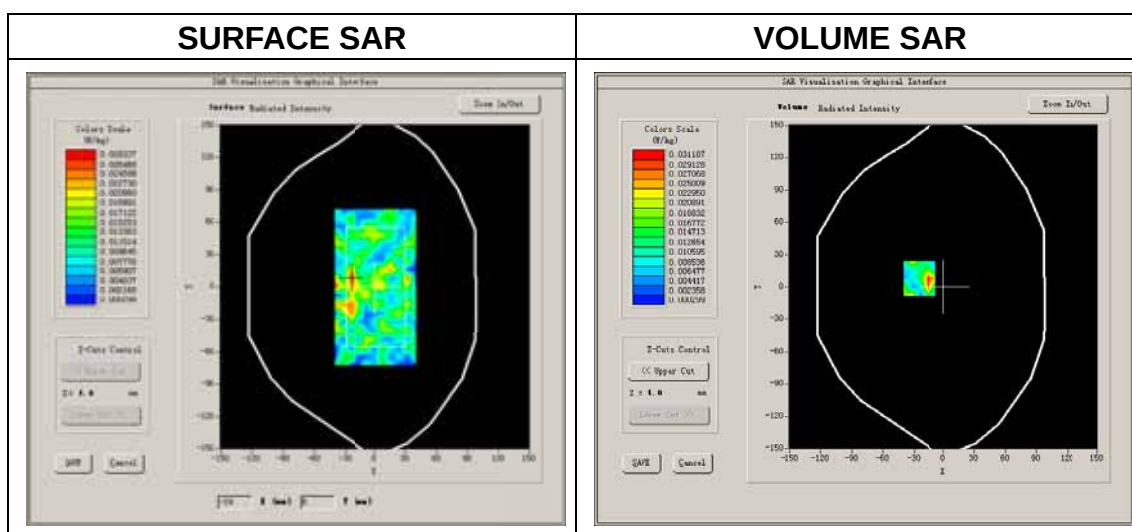
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

B. SAR Measurement Results

Middle Band SAR (Channel 23790):

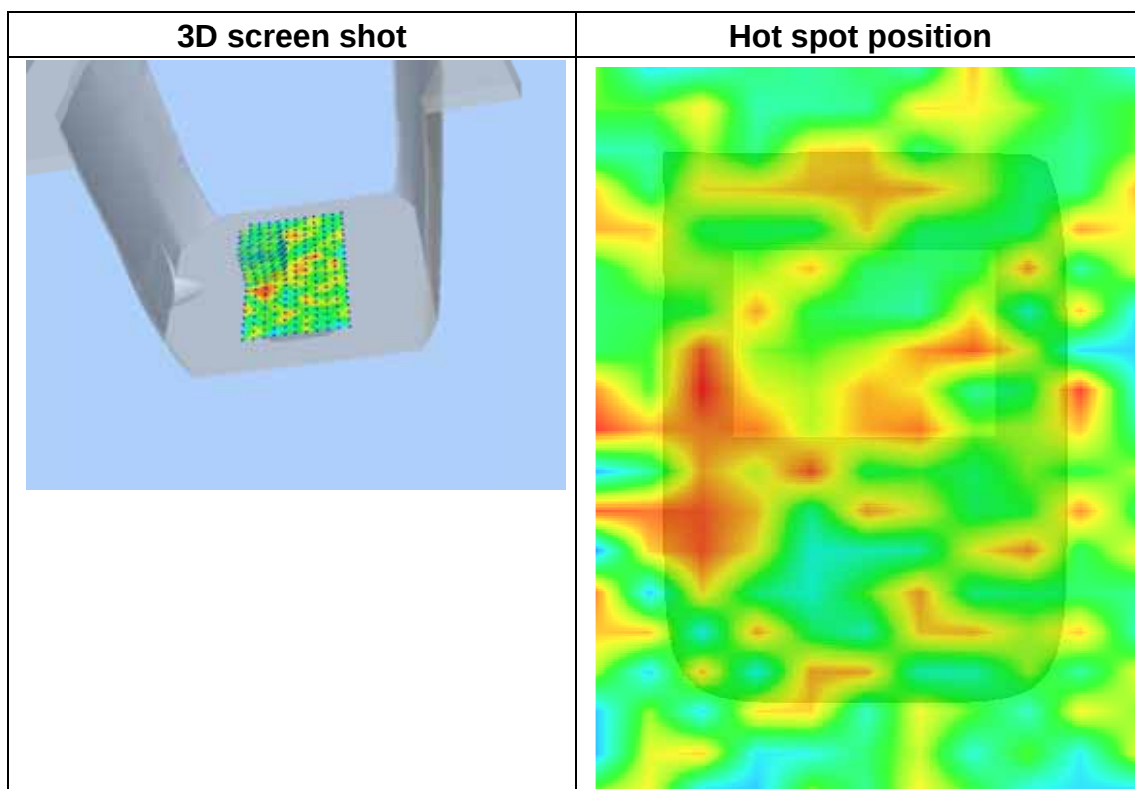
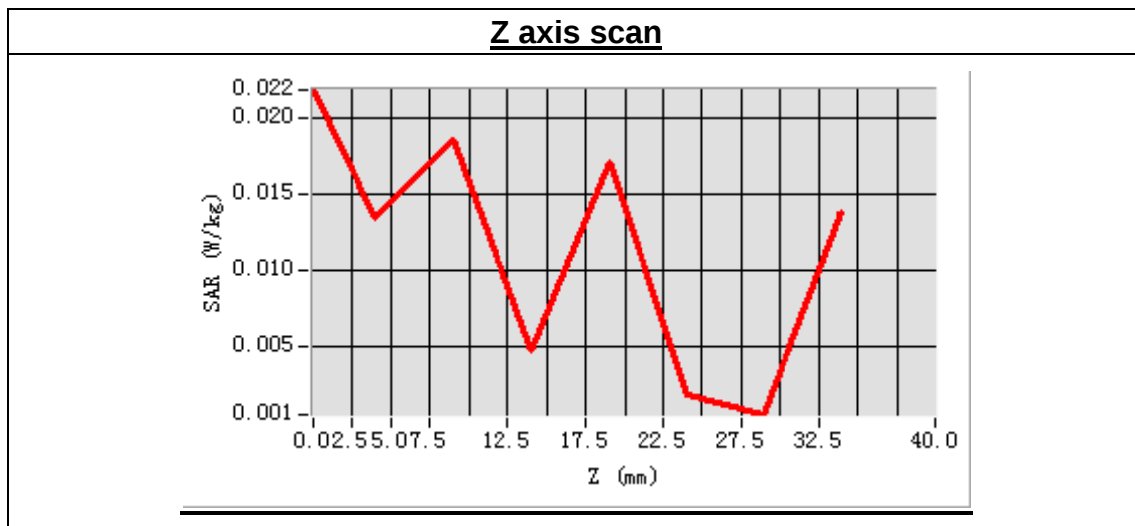
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	-1.340000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=-24.00, Y=8.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.015276
SAR 1g (W/Kg)	0.032390



MEASUREMENT 17

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 32 seconds

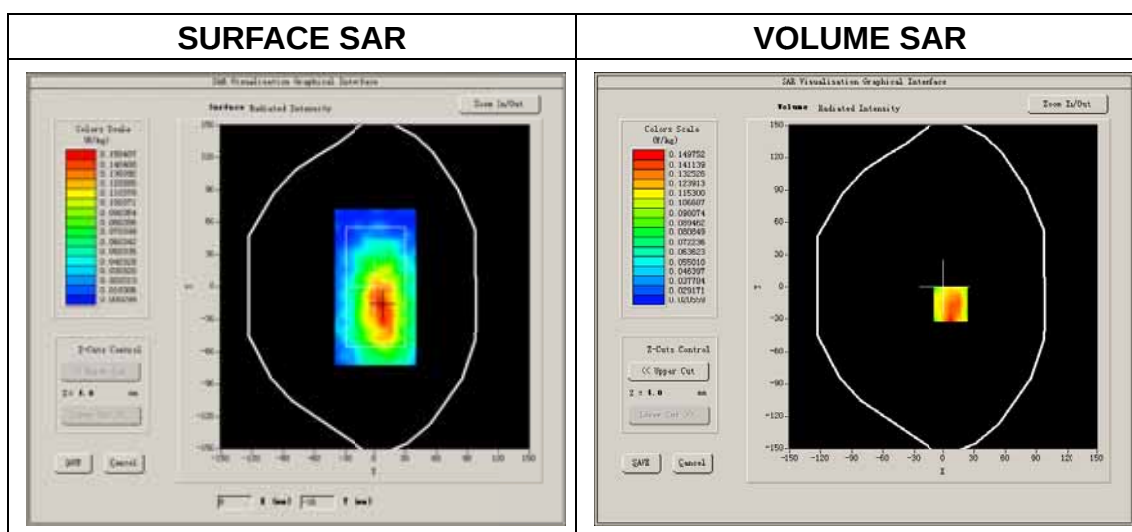
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

B. SAR Measurement Results

Middle Band SAR (Channel 23790):

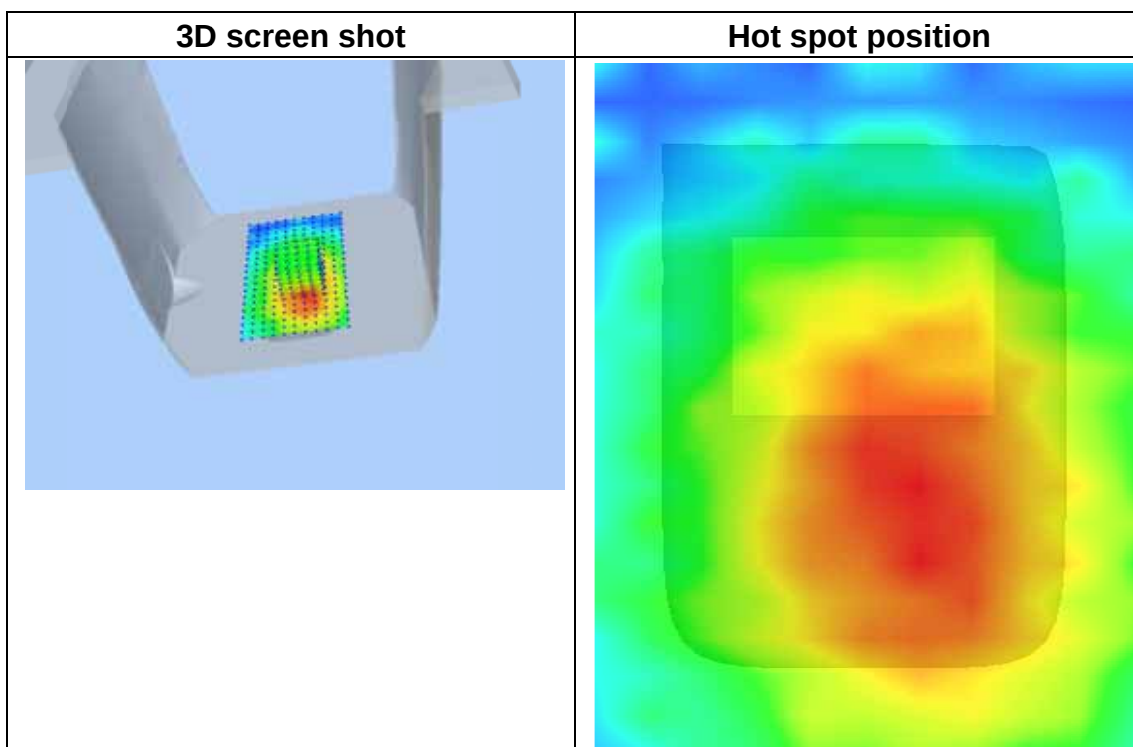
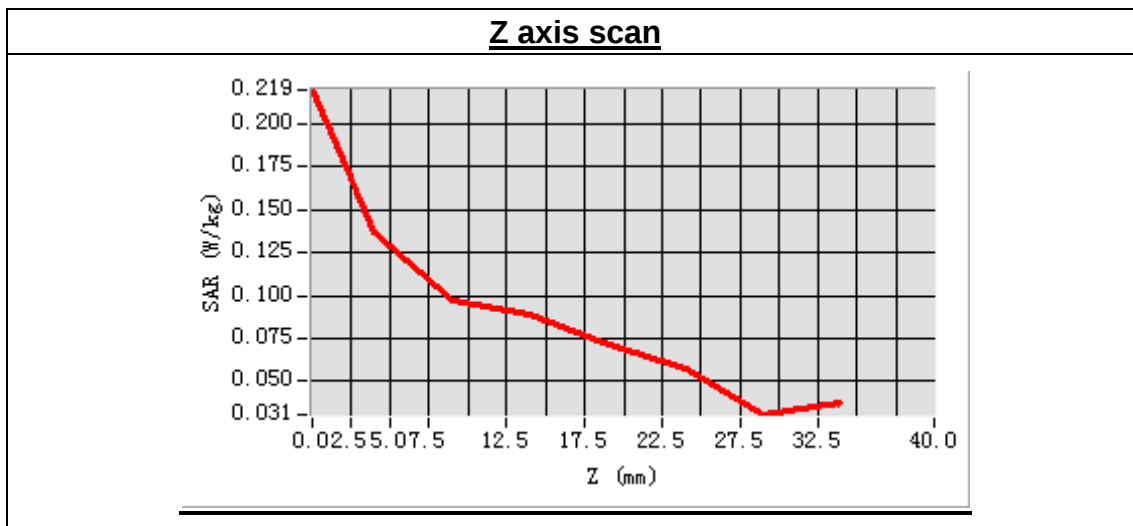
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	3.030000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=7.00, Y=-16.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.114329
SAR 1g (W/Kg)	0.174318



MEASUREMENT 18

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 33 seconds

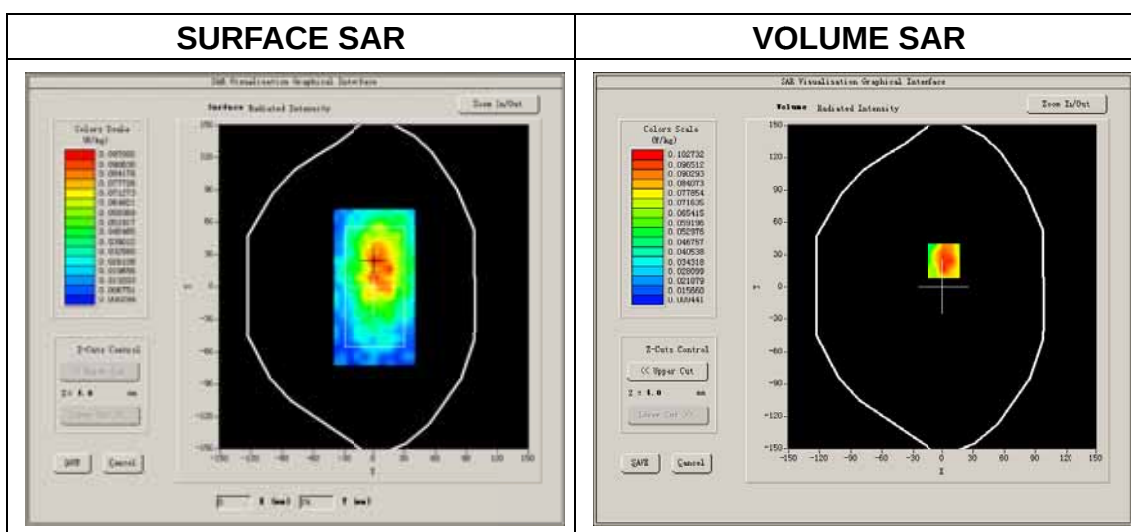
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_1RB_RB offset 49

B. SAR Measurement Results

Middle Band SAR (Channel 23790):

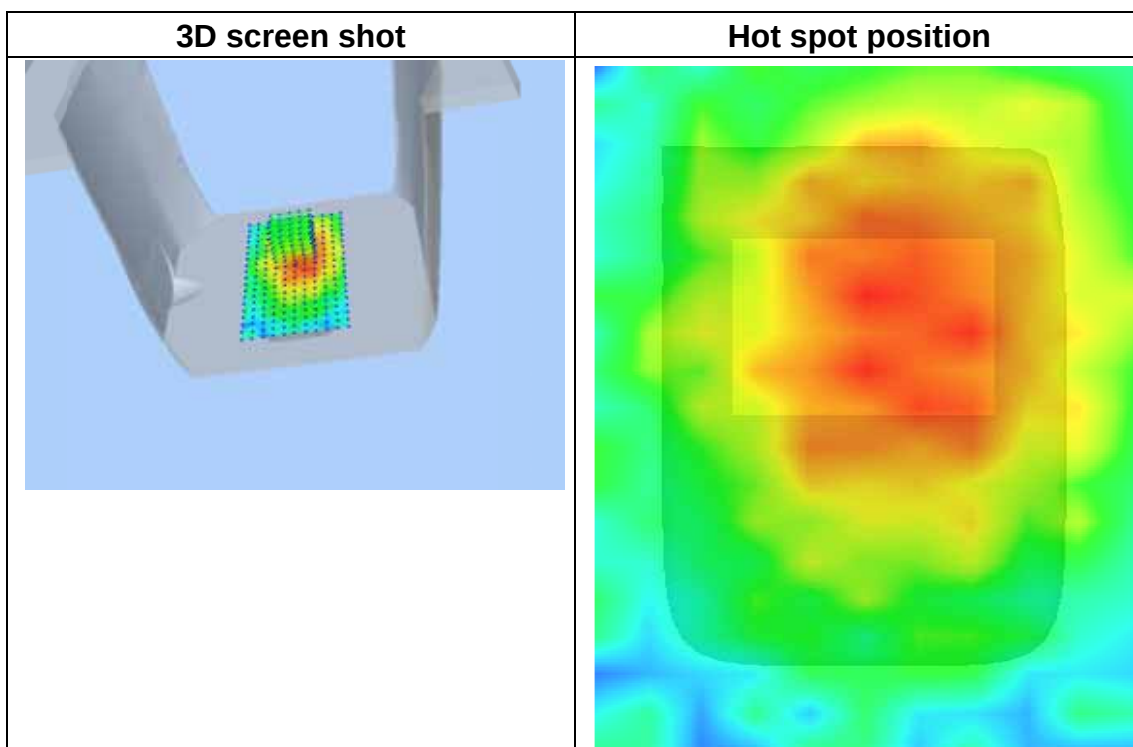
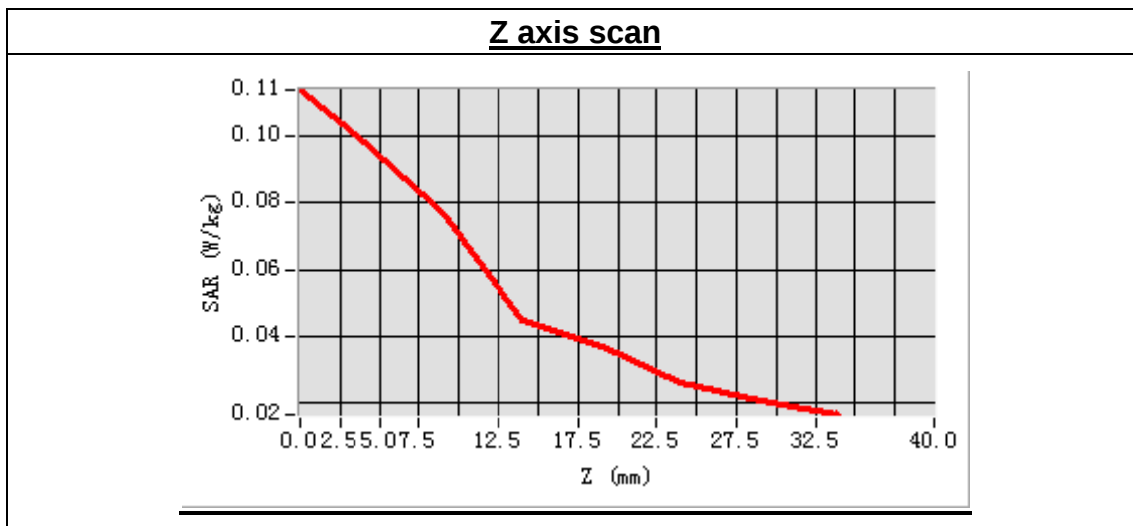
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	-2.860000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=1.00, Y=24.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.076337
SAR 1g (W/Kg)	0.124720



MEASUREMENT 19

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 37 seconds

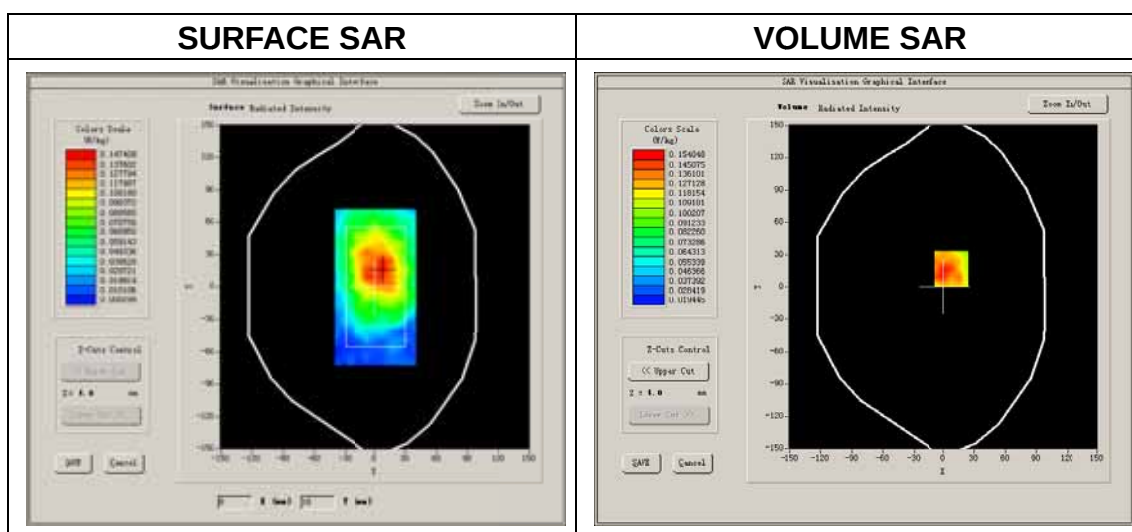
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_25RB_RB offset 24

B. SAR Measurement Results

Middle Band SAR (Channel 23900):

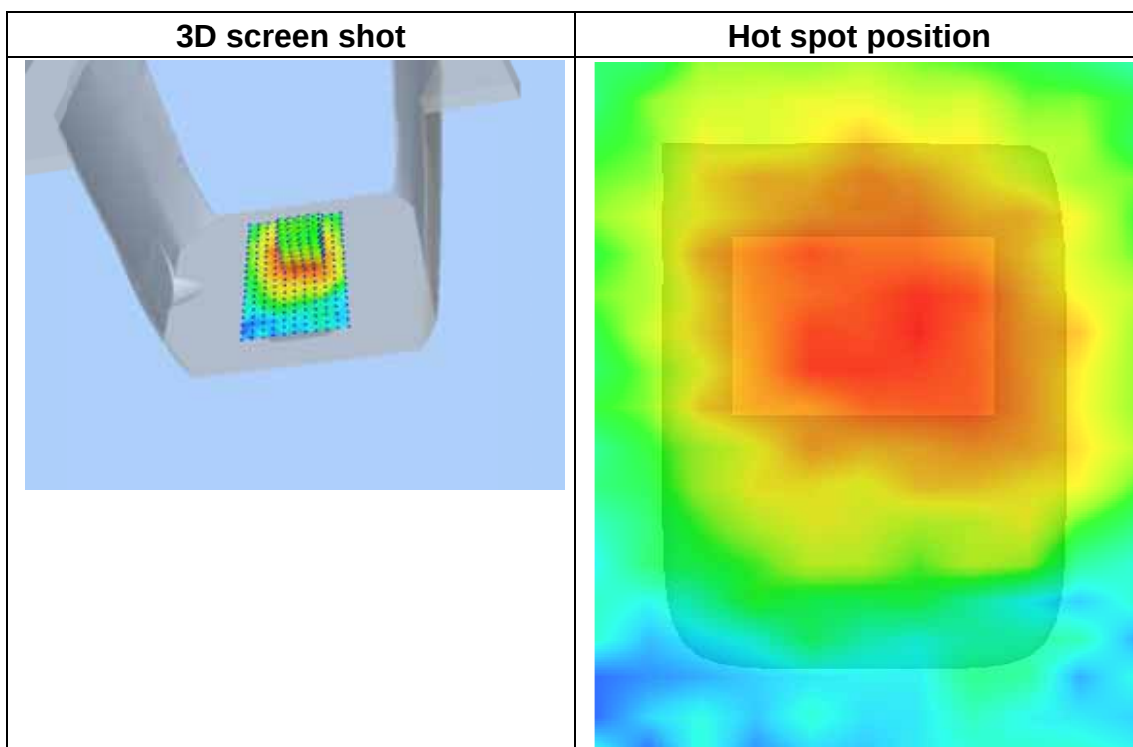
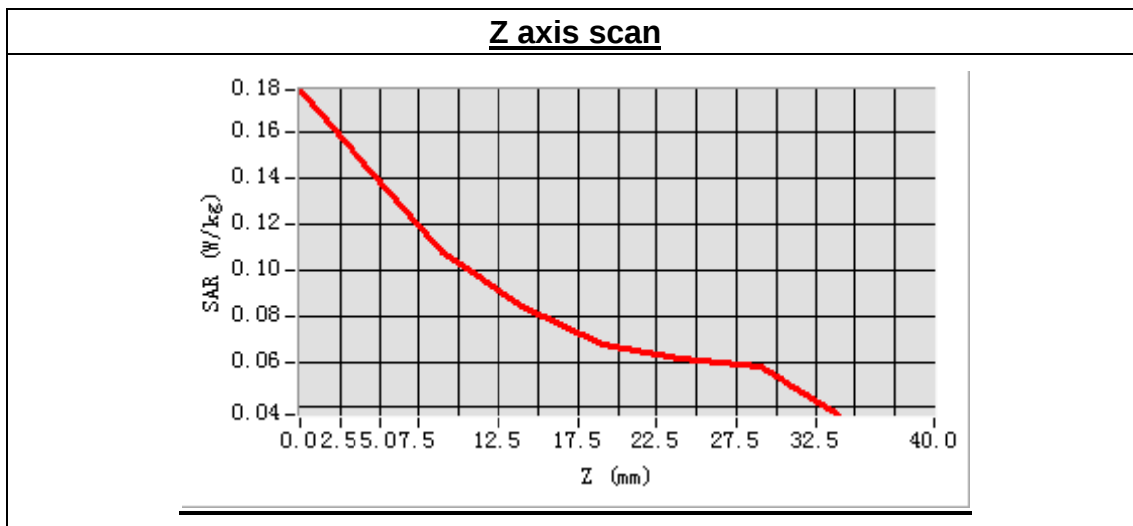
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	1.470000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=8.00, Y=17.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.127830
SAR 1g (W/Kg)	0.177821



MEASUREMENT 20

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 35 seconds

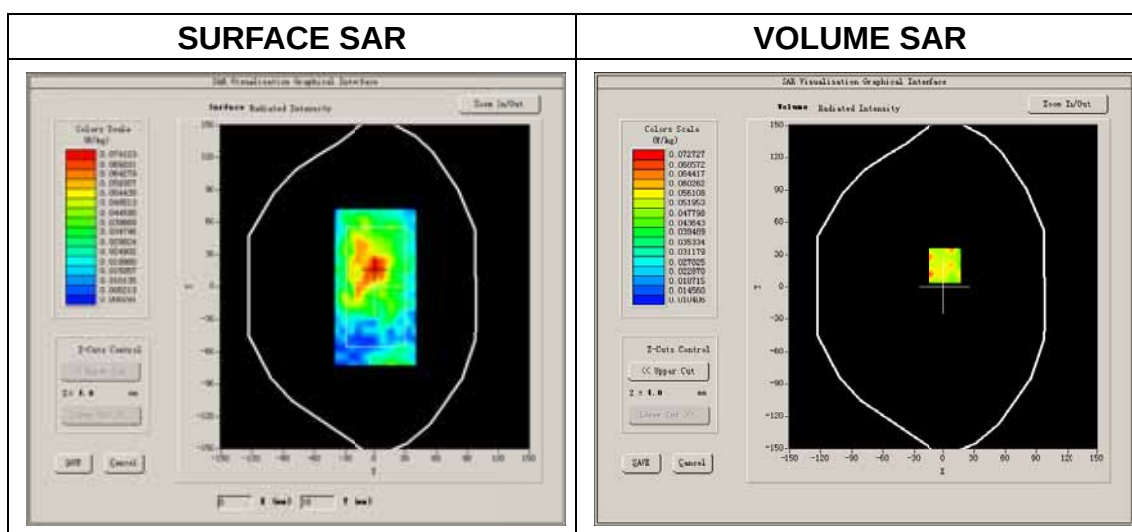
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_25RB_RB offset 24

B. SAR Measurement Results

Middle Band SAR (Channel 23900):

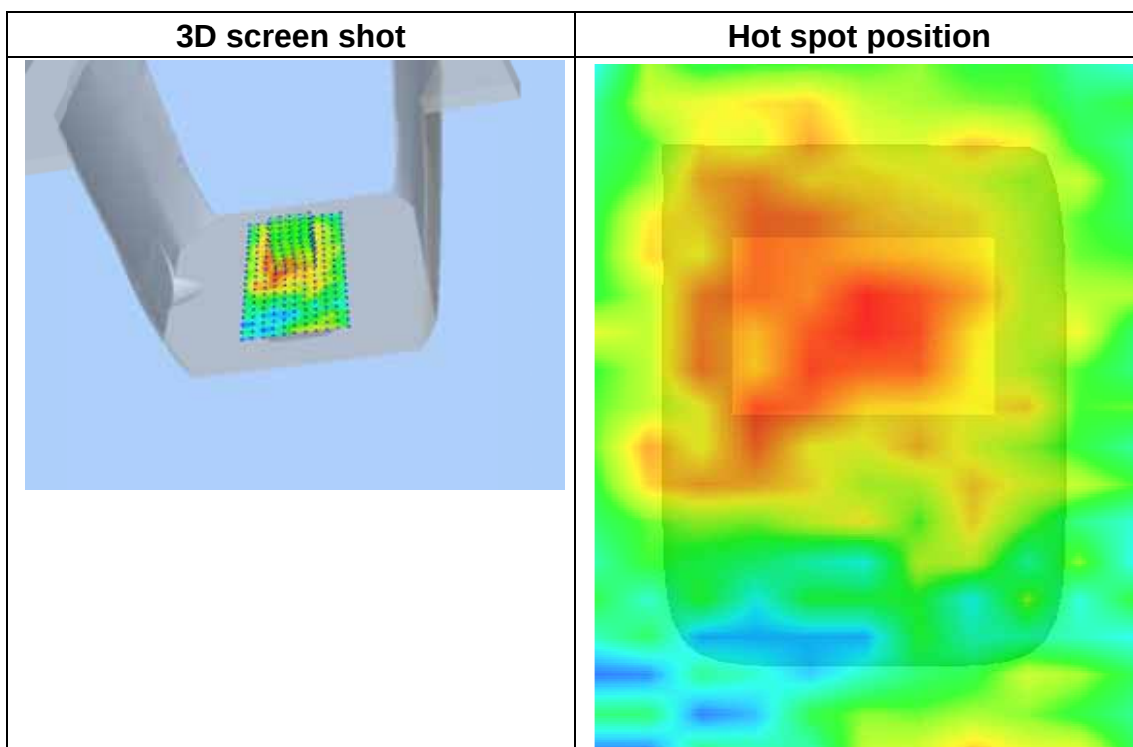
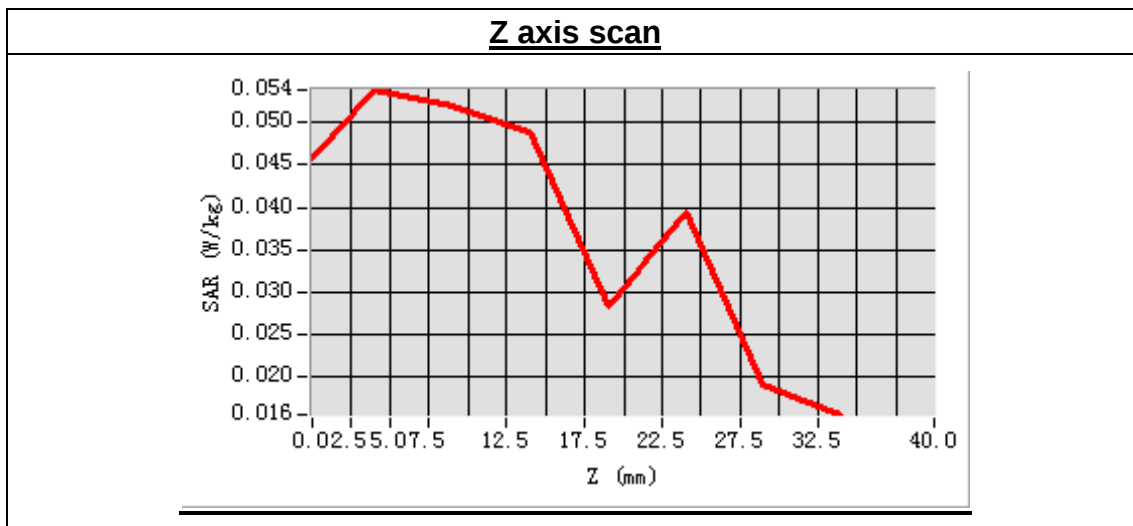
Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	3.110000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=1.00, Y=20.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.052884
SAR 1g (W/Kg)	0.069176



MEASUREMENT 21

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 31 seconds

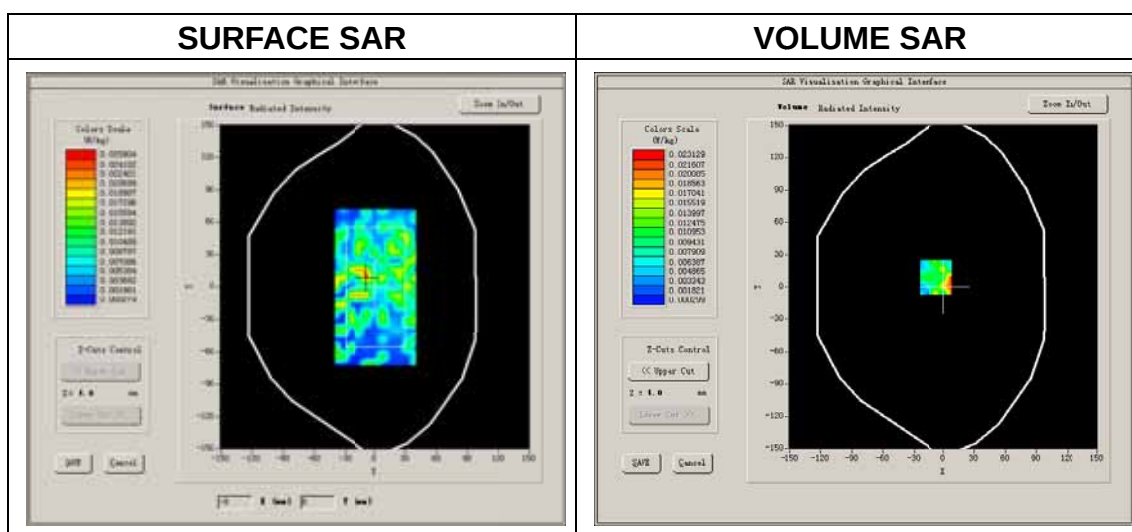
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_25RB_RB offset 24

B. SAR Measurement Results

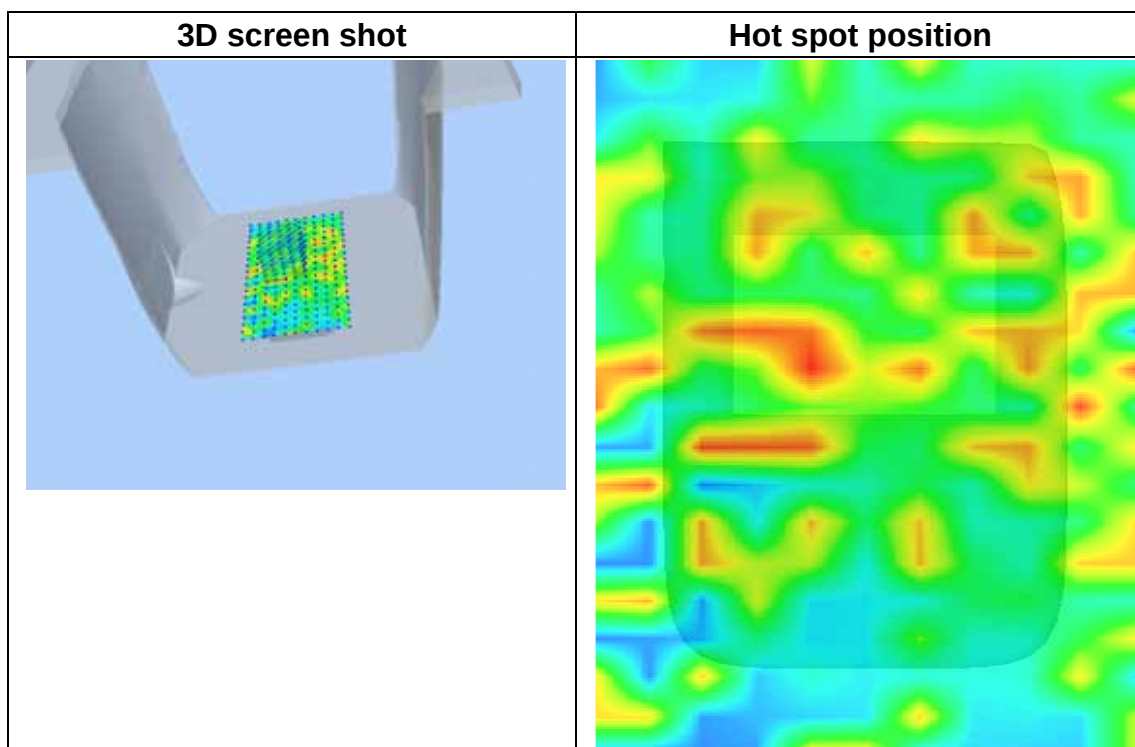
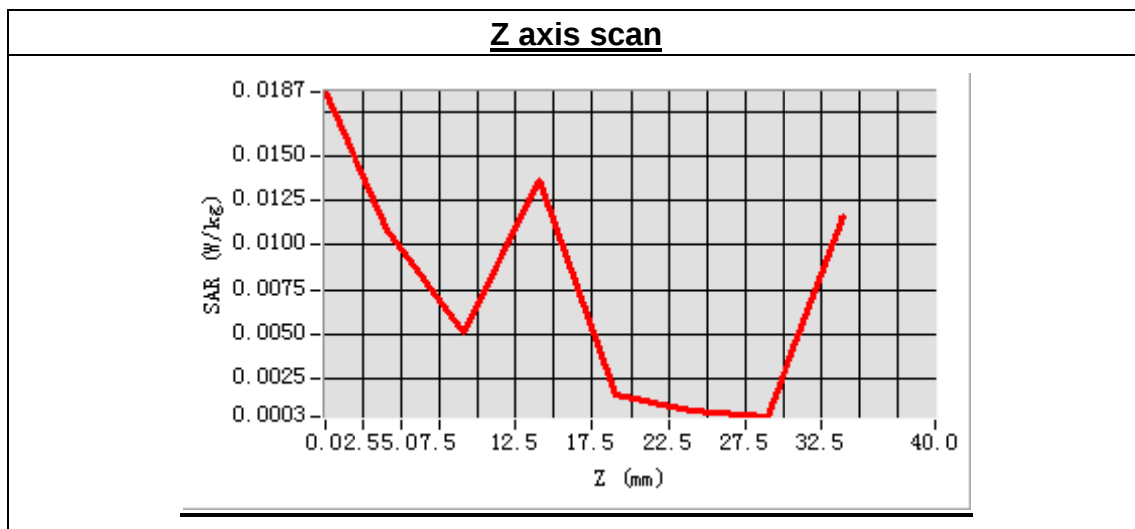
Middle Band SAR (Channel 23900):

Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	-3.050000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=-8.00, Y=9.00
SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.012661
SAR 1g (W/Kg)	0.022306



MEASUREMENT 22

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 33 seconds

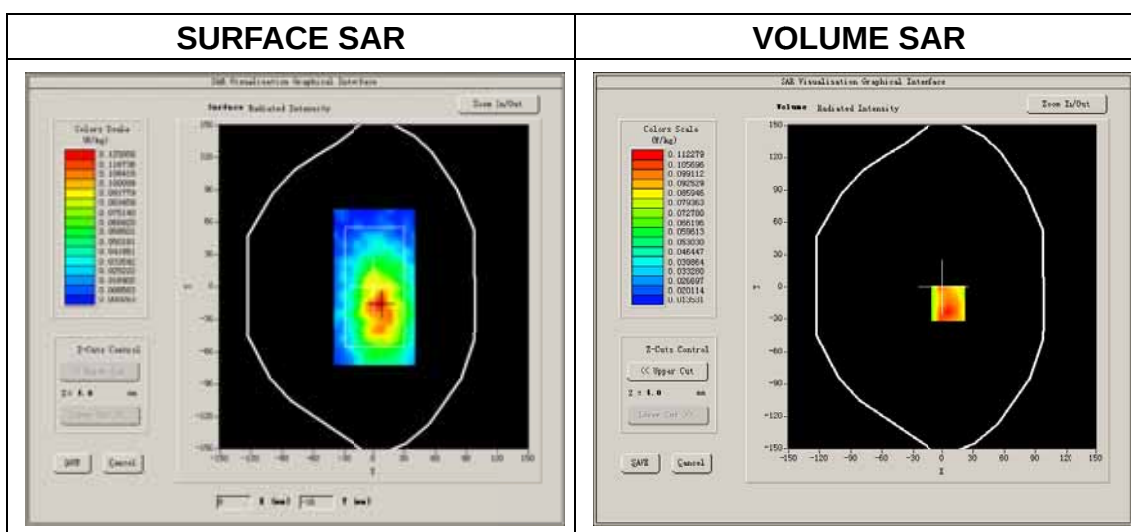
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_25RB_RB offset 24

B. SAR Measurement Results

Middle Band SAR (Channel 23900):

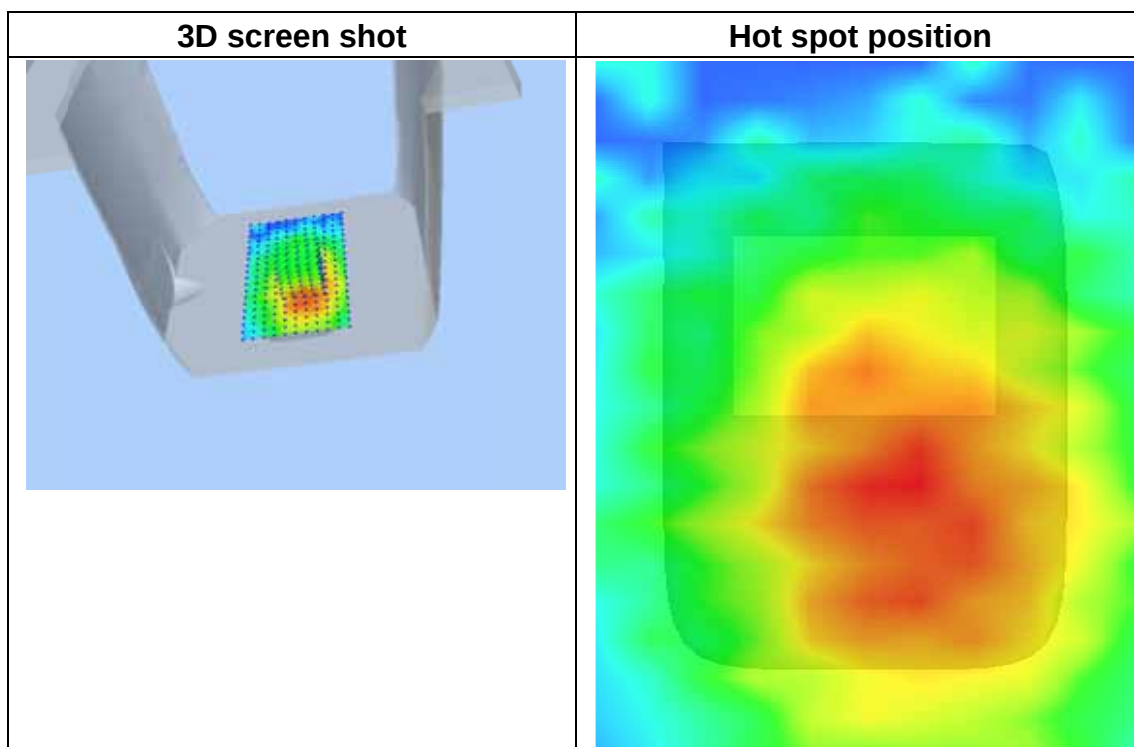
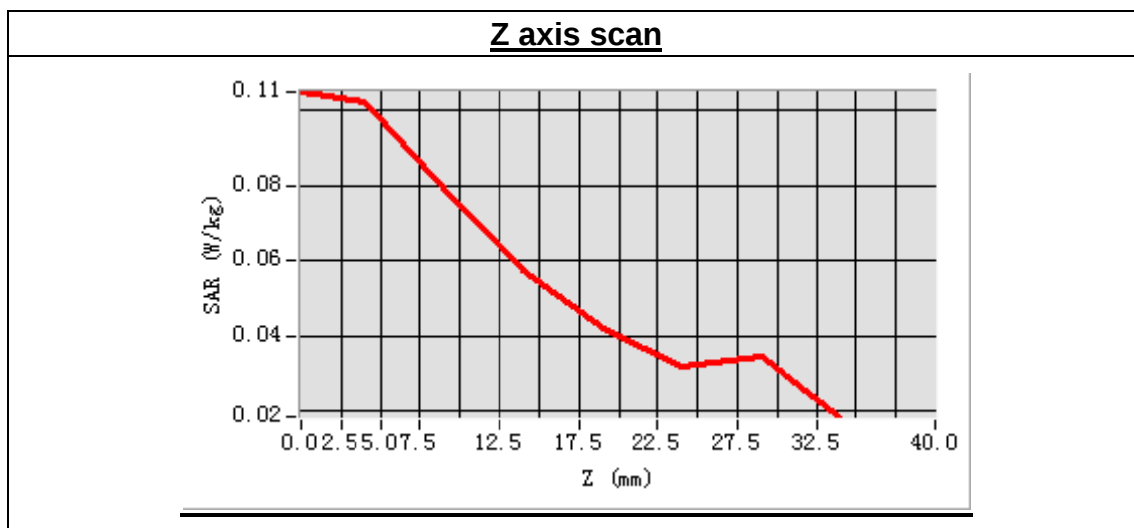
Frequency (MHz)	71.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	-2.580000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1



Maximum location: X=6.00, Y=-15.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.087631
SAR 1g (W/Kg)	0.126151



MEASUREMENT 23

Type: Phone measurement (Complete)

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

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

Date of measurement: 2014.6.27

Measurement duration: 9 minutes 39 seconds

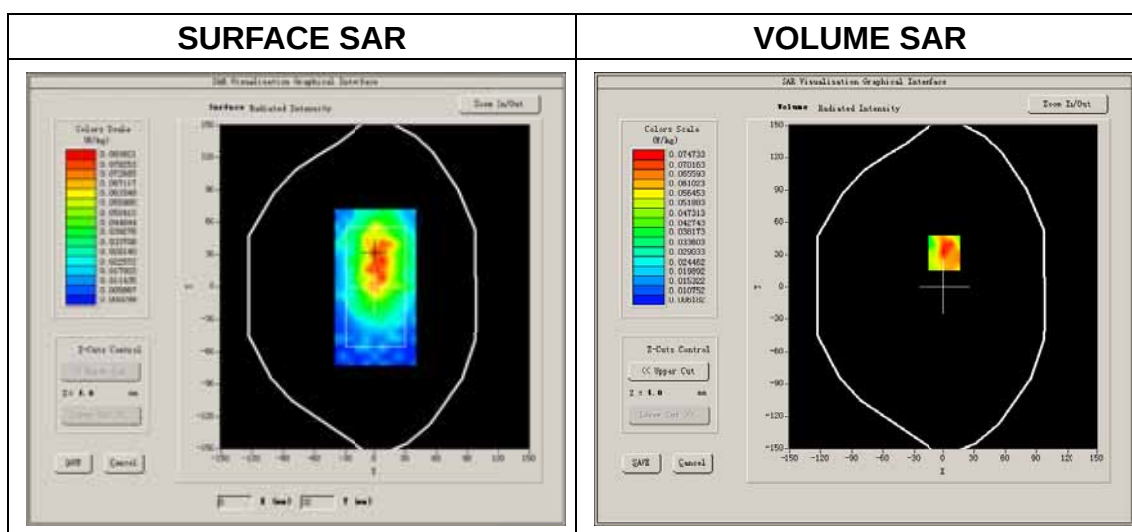
A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Flat Plane
Device Position	Body
Band	LTE Band17 (10MHz)
Channels	Middle
Signal	QPSK_25RB_RB offset 24

B. SAR Measurement Results

Middle Band SAR (Channel 23800):

Frequency (MHz)	710.000000
Relative permittivity (real part)	55.230144
Conductivity (S/m)	0.981447
Power drift (%)	2.900000
Ambient Temperature:	22.7°C
Liquid Temperature:	22.1°C
ConvF:	6.96
Crest factor:	1:1

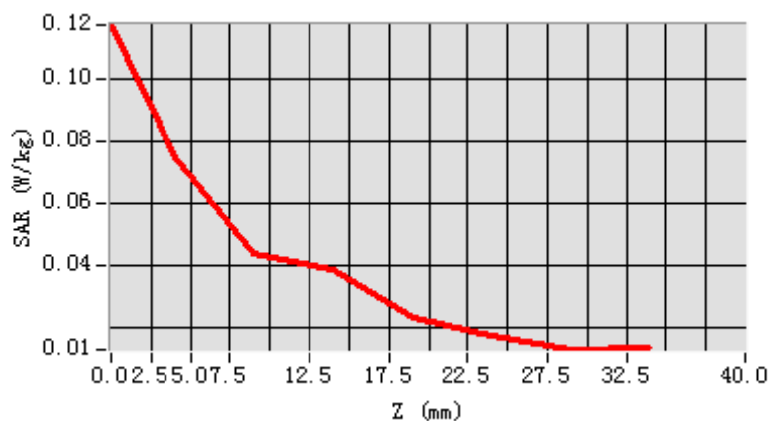


Maximum location: X=0.00, Y=32.00

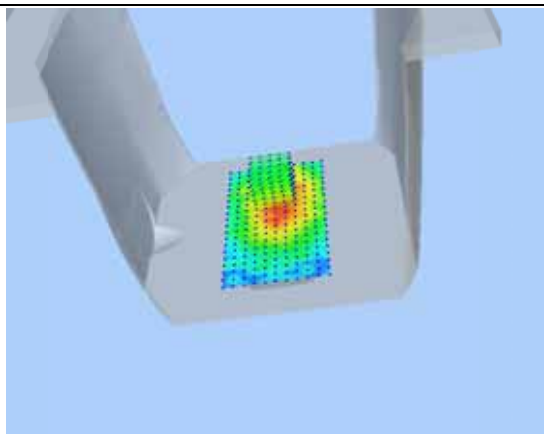
SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.056471
SAR 1g (W/Kg)	0.091996

Z axis scan



3D screen shot



Hot spot position

