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	Annex B: Measurement Results
	Project Name : X557
	Report Number: FCC16083920A-6

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 53 seconds

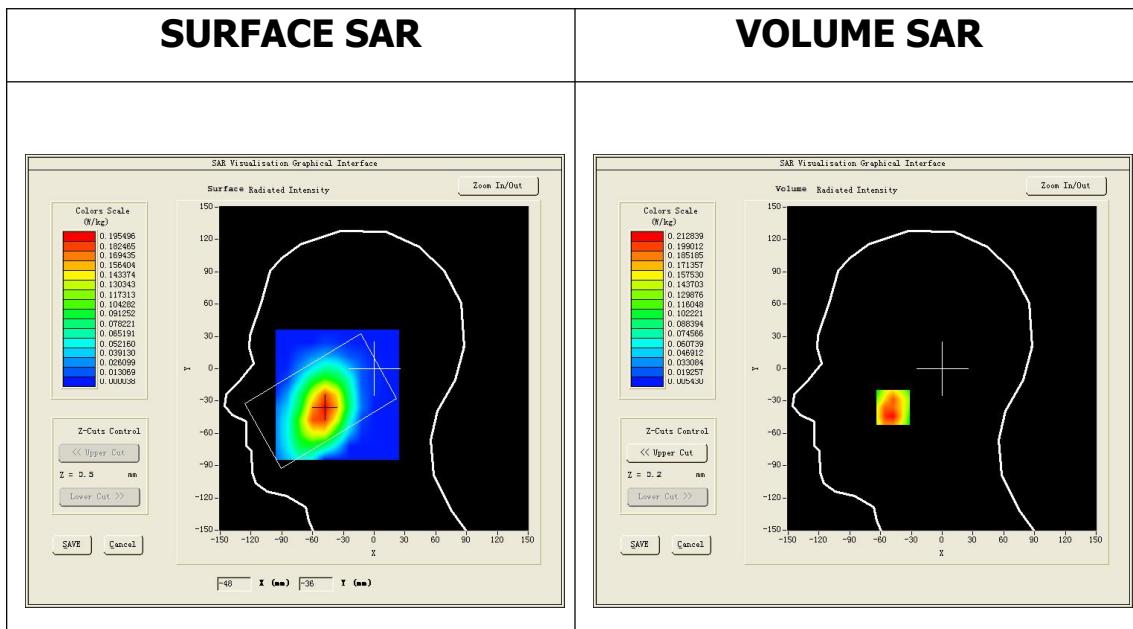
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Lower Band SAR (Channel 128):

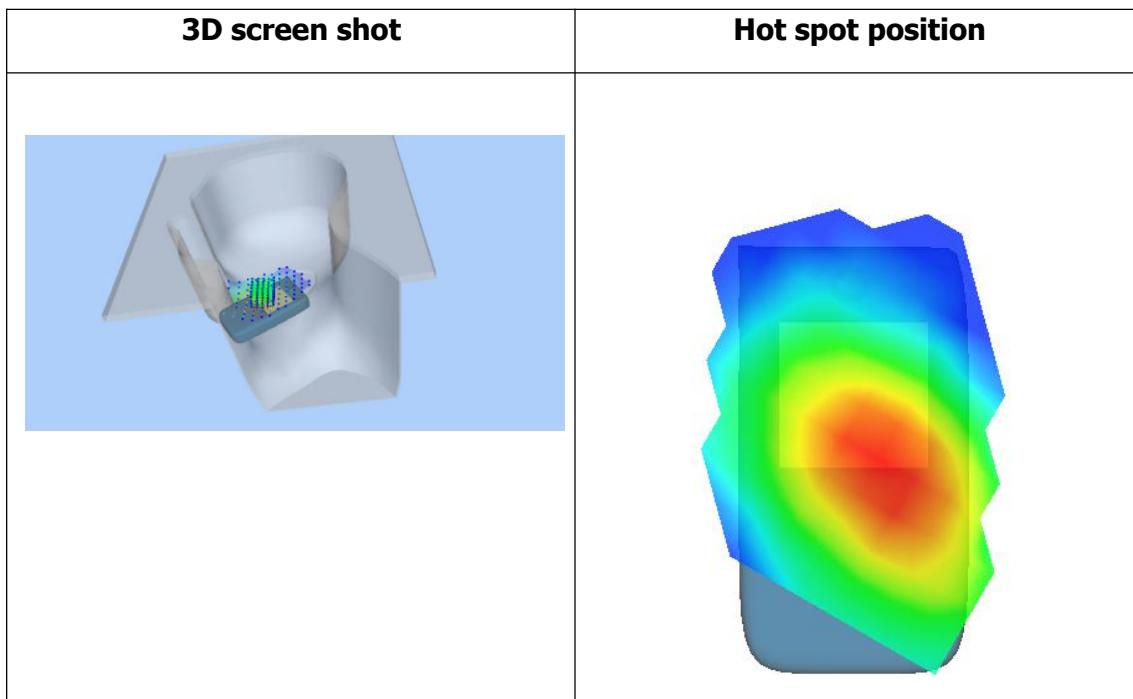
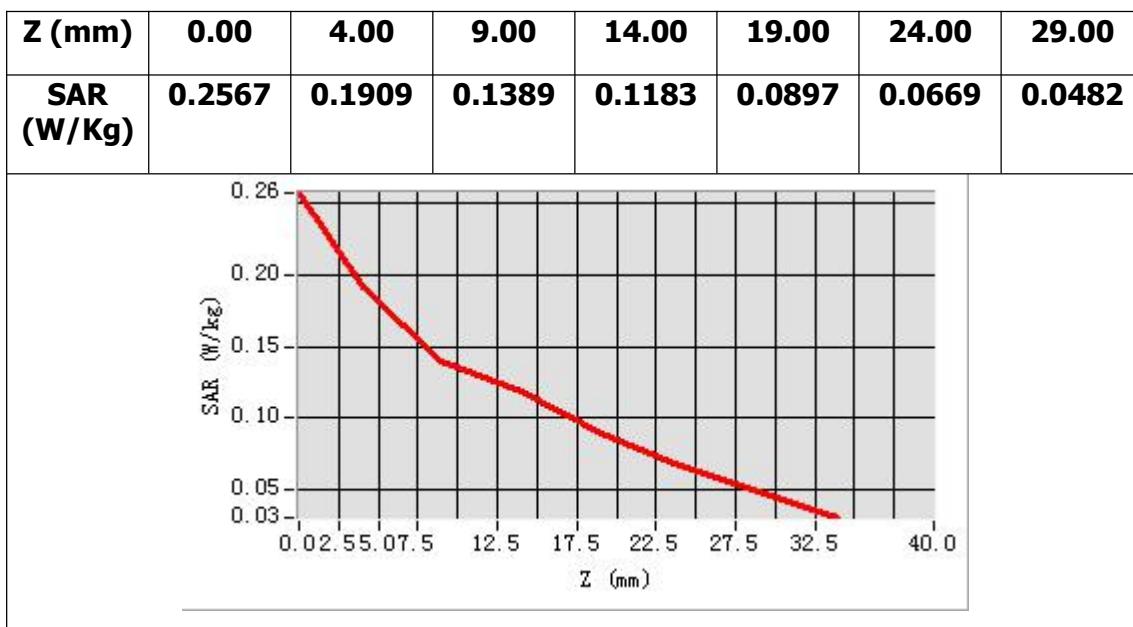
Frequency (MHz)	824.200012
Relative permittivity (real part)	40.676079
Relative permittivity (imaginary part)	19.941540
Conductivity (S/m)	0.913101
Variation (%)	-0.110000



Maximum location: X=-48.00, Y=-36.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.138546
SAR 1g (W/Kg)	0.210511



MEASUREMENT 2

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 55 seconds

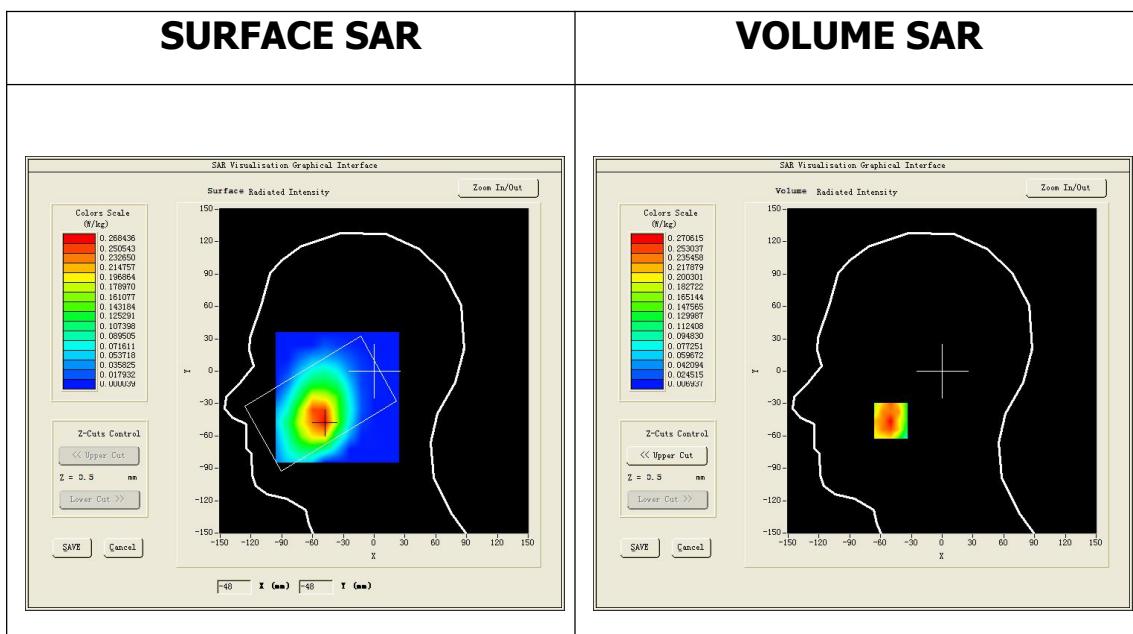
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 190):

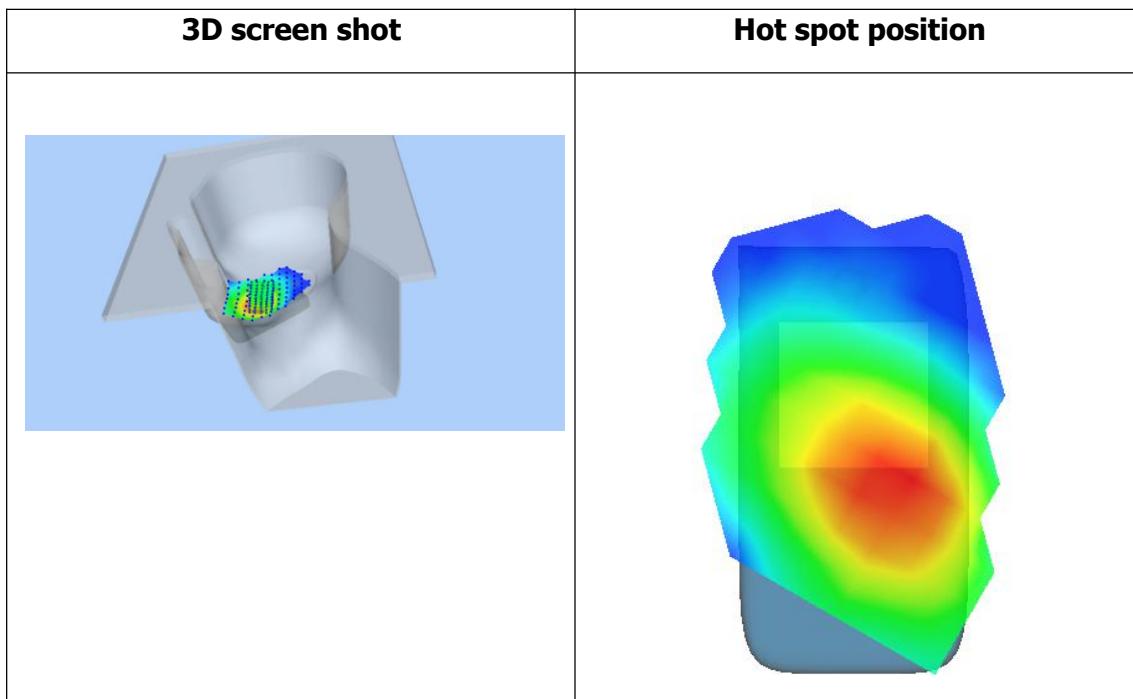
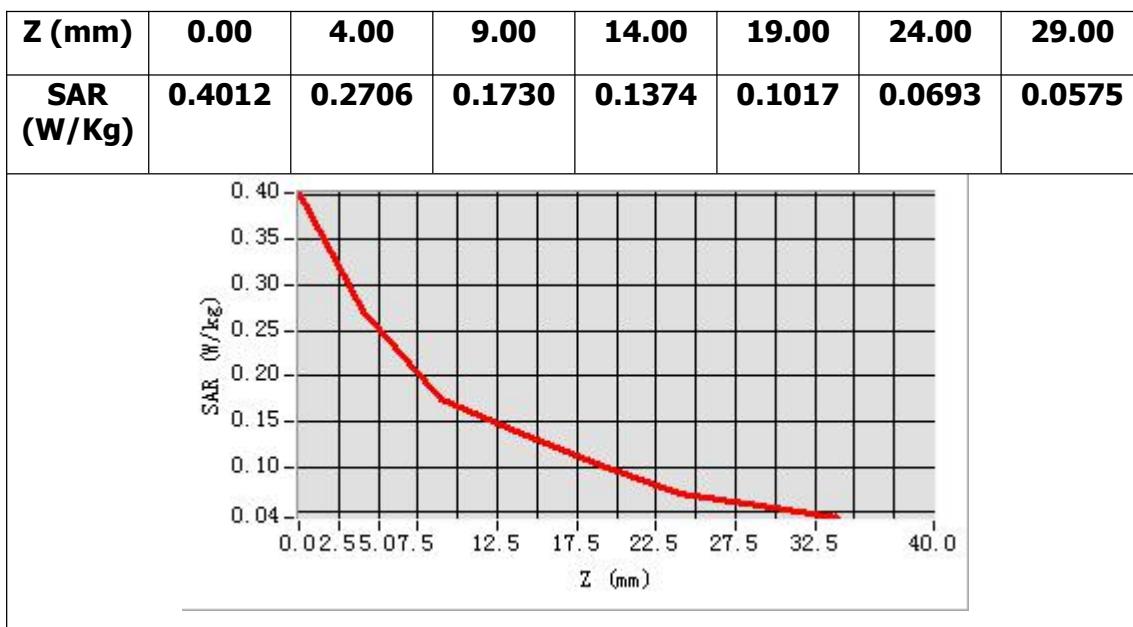
Frequency (MHz)	836.599976
Relative permittivity (real part)	40.527519
Relative permittivity (imaginary part)	19.956440
Conductivity (S/m)	0.927531
Variation (%)	-3.200000



Maximum location: X=-50.00, Y=-46.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.178411
SAR 1g (W/Kg)	0.268429



MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 45 seconds

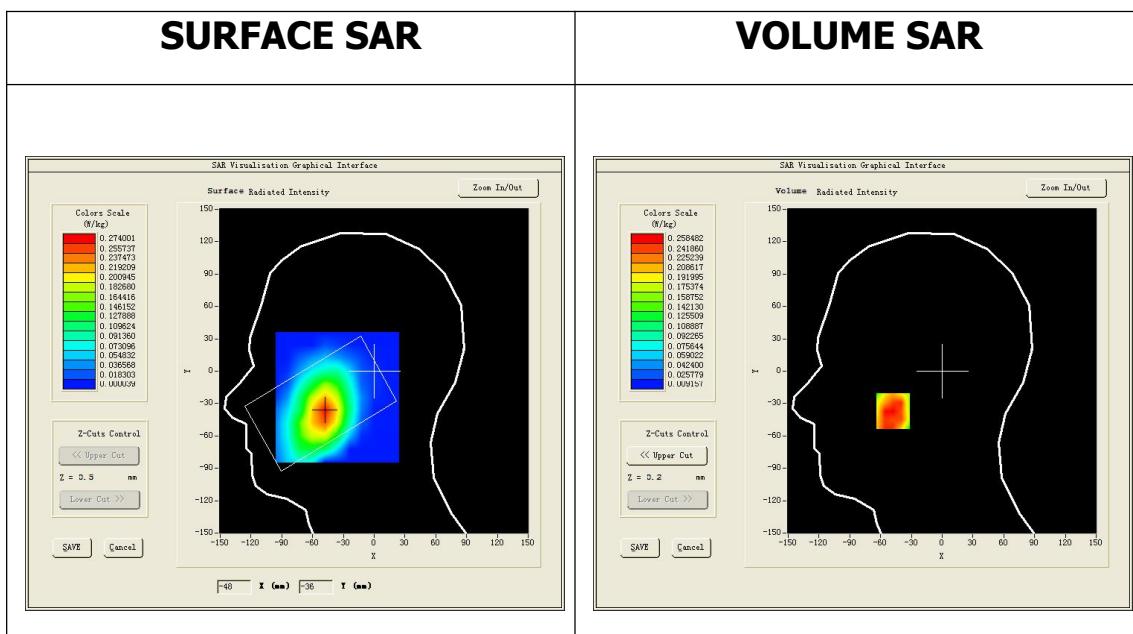
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Higher Band SAR (Channel 251):

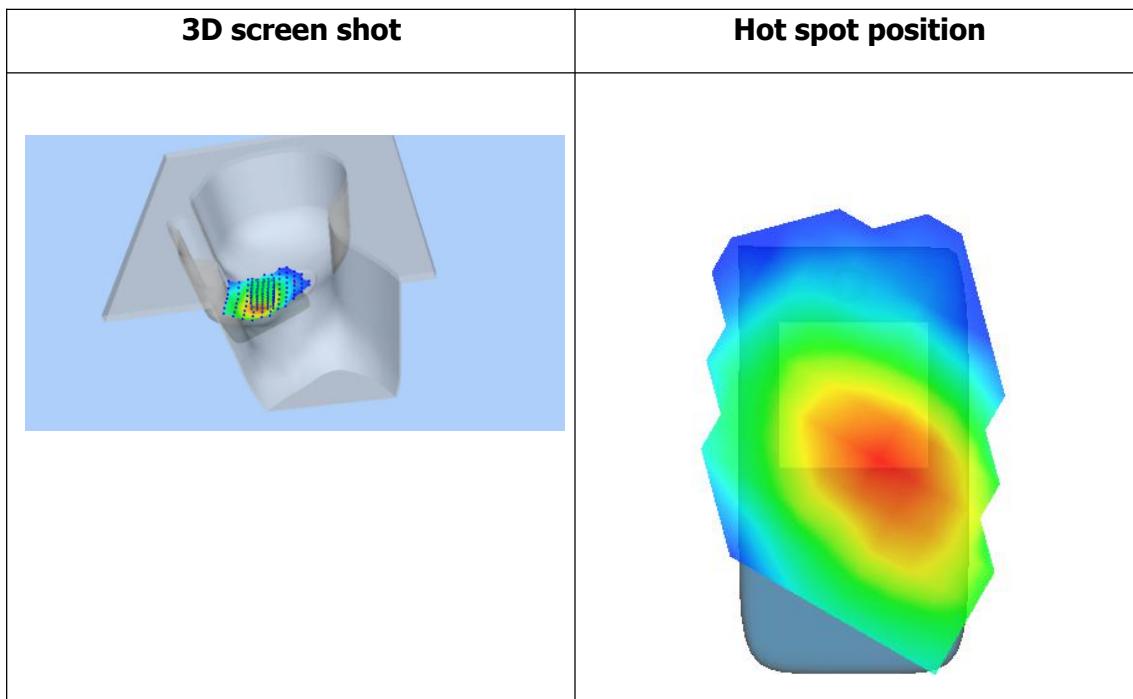
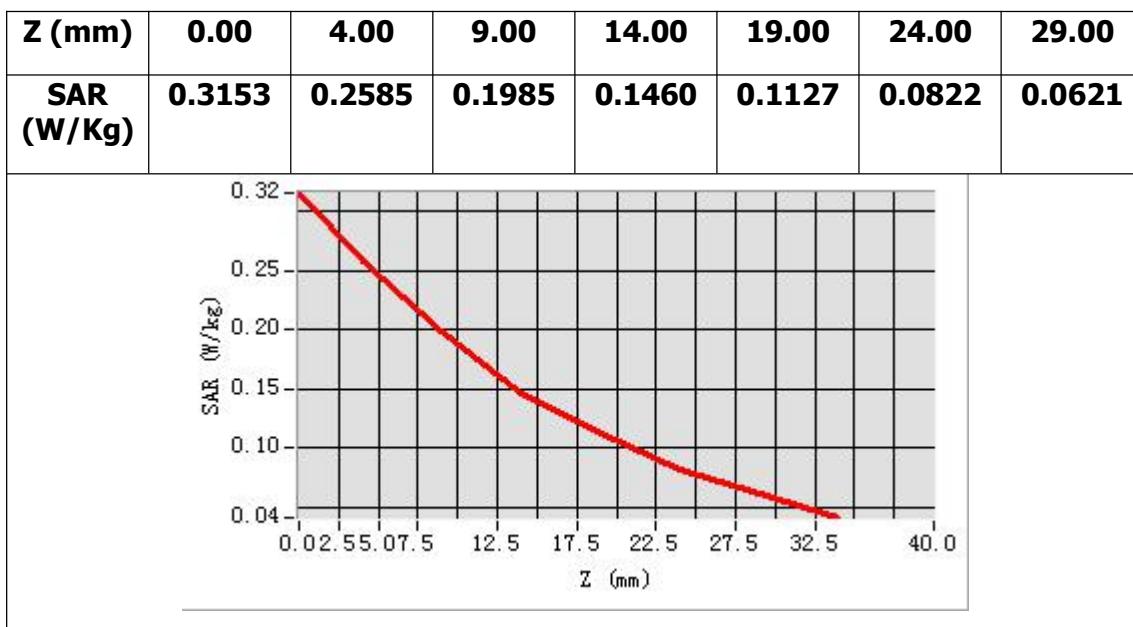
Frequency (MHz)	848.799988
Relative permittivity (real part)	40.332939
Relative permittivity (imaginary part)	20.024380
Conductivity (S/m)	0.944261
Variation (%)	1.840000



Maximum location: X=-48.00, Y=-37.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.176805
SAR 1g (W/Kg)	0.258664



MEASUREMENT 4

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 8 minutes 59 seconds

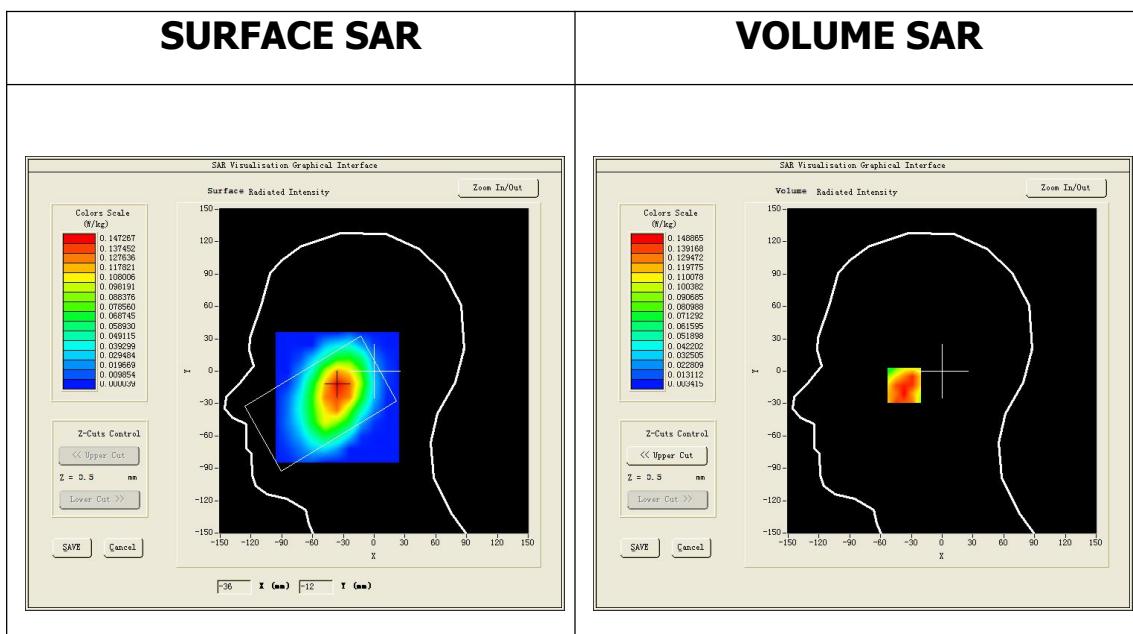
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 190):

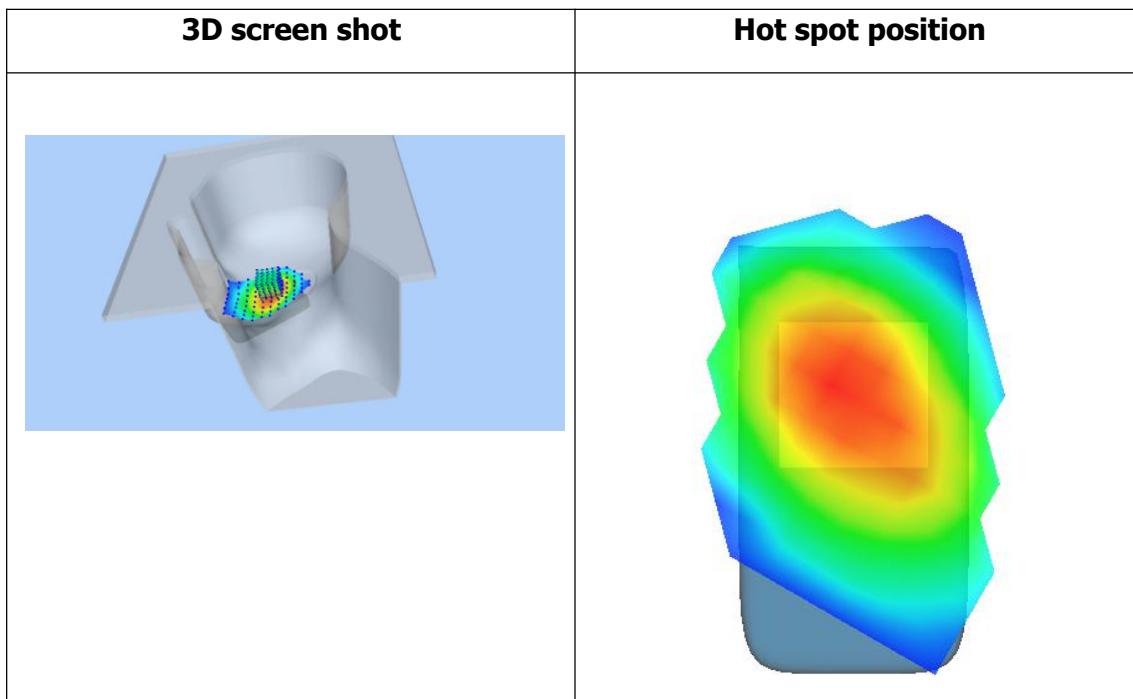
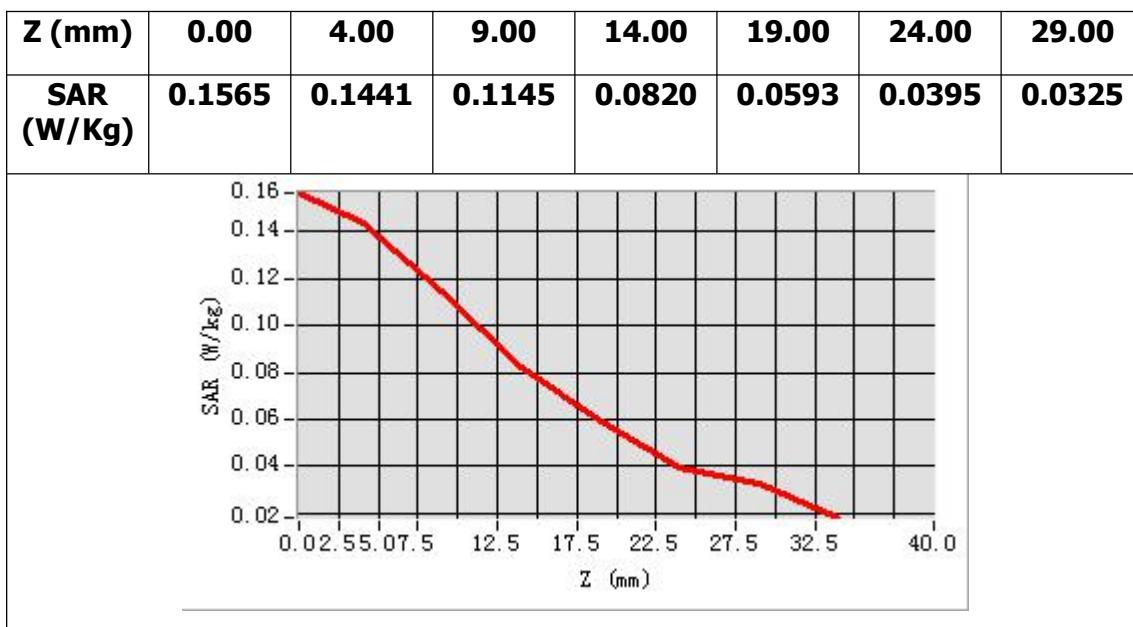
Frequency (MHz)	836.599976
Relative permittivity (real part)	40.527519
Relative permittivity (imaginary part)	19.956440
Conductivity (S/m)	0.927531
Variation (%)	-1.420000



Maximum location: X=-35.00, Y=-13.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.099195
SAR 1g (W/Kg)	0.145378



MEASUREMENT 5

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 36 seconds

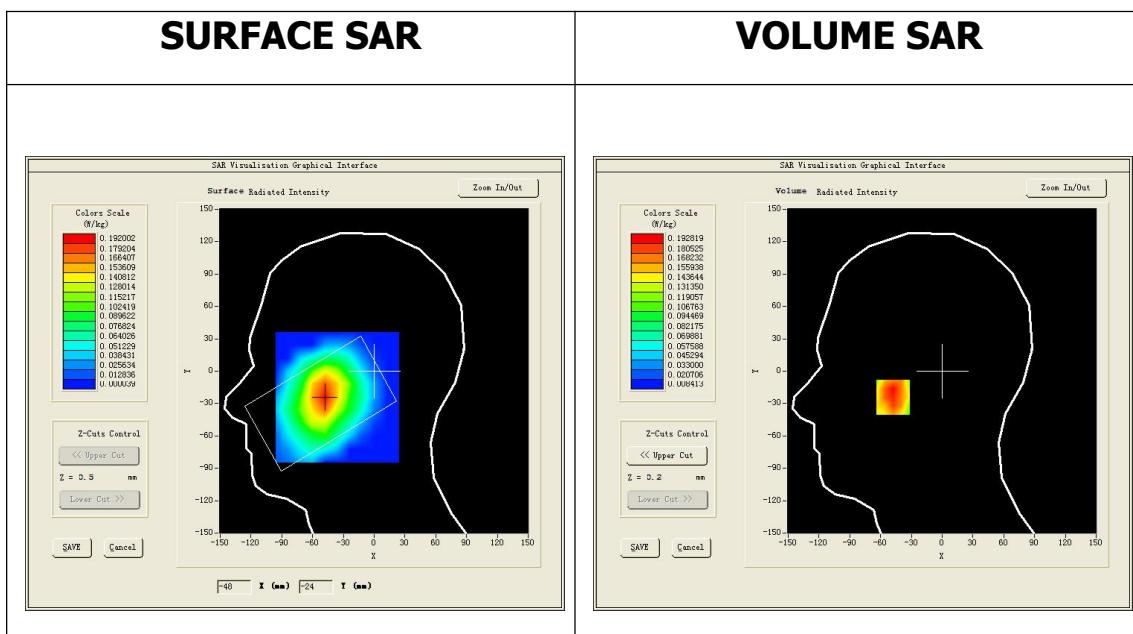
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 190):

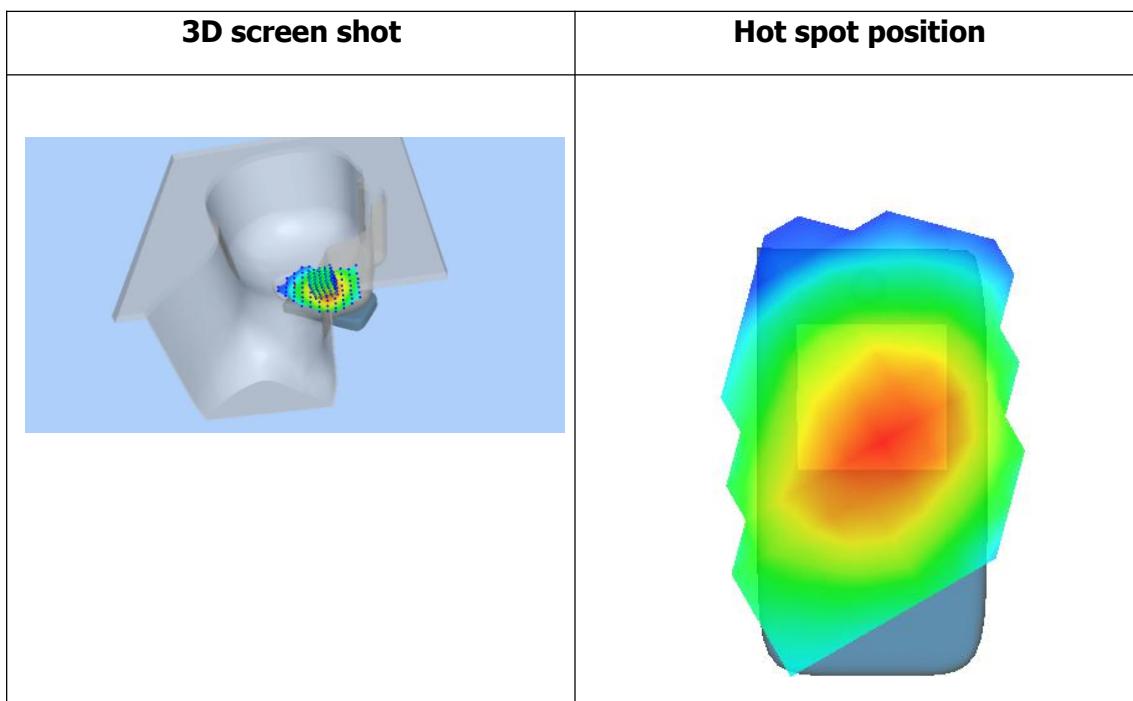
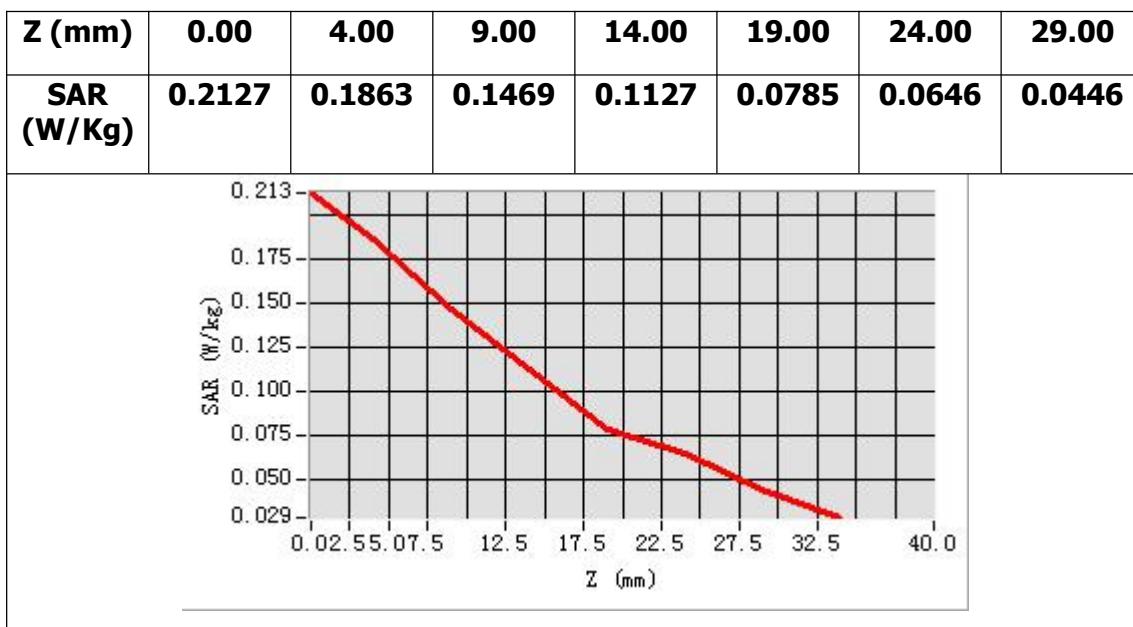
Frequency (MHz)	836.599976
Relative permittivity (real part)	40.527519
Relative permittivity (imaginary part)	19.956440
Conductivity (S/m)	0.927531
Variation (%)	2.900000



Maximum location: X=-48.00, Y=-24.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.131960
SAR 1g (W/Kg)	0.188561



MEASUREMENT 6

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 8 minutes 54 seconds

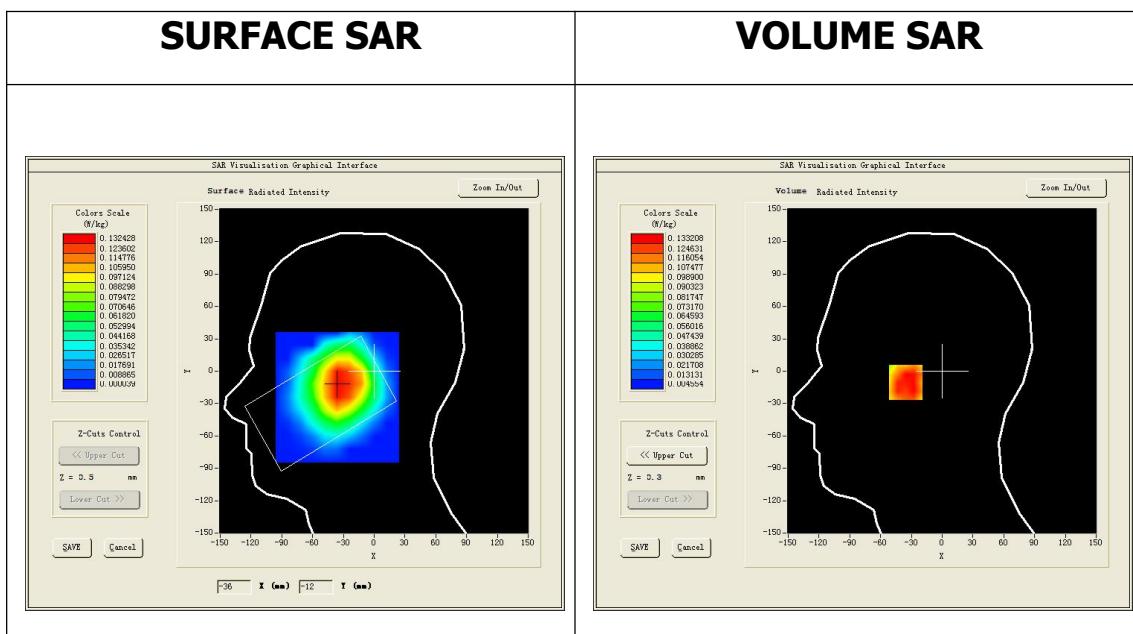
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 190):

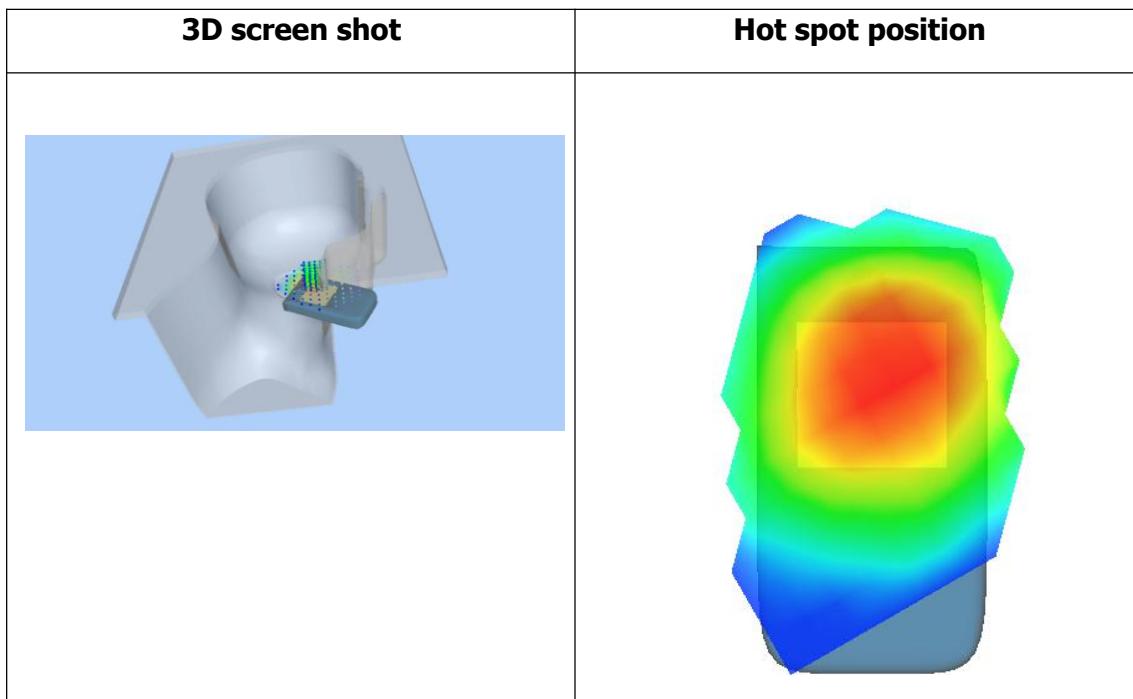
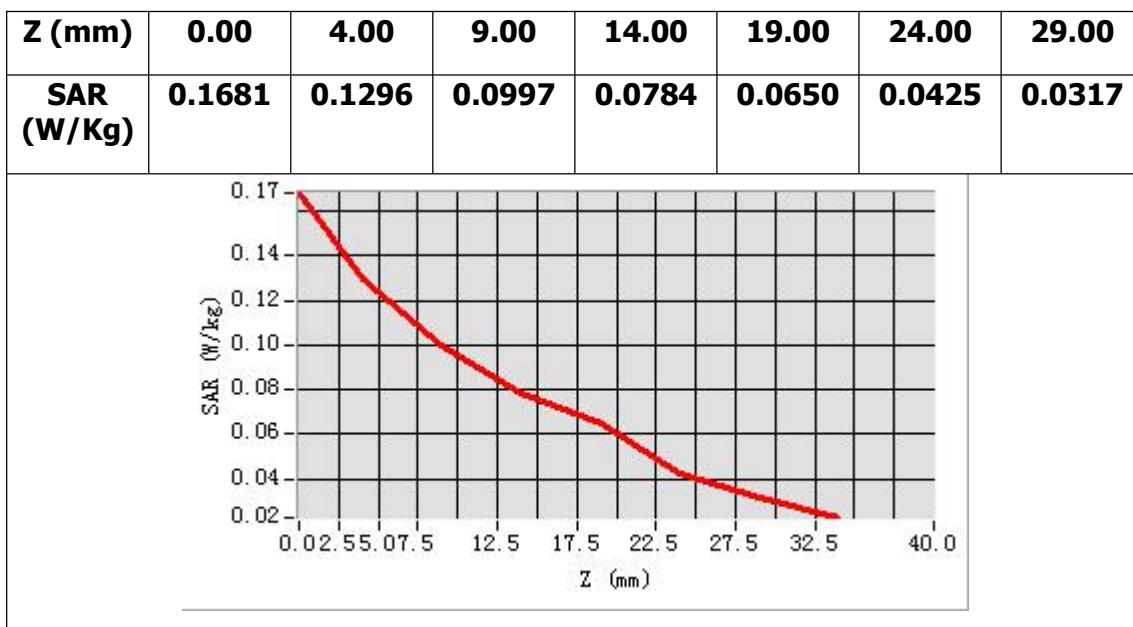
Frequency (MHz)	836.599976
Relative permittivity (real part)	40.527519
Relative permittivity (imaginary part)	19.956440
Conductivity (S/m)	0.927531
Variation (%)	-4.450000



Maximum location: X=-33.00, Y=-10.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.096648
SAR 1g (W/Kg)	0.139961



MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 10 minutes 9 seconds

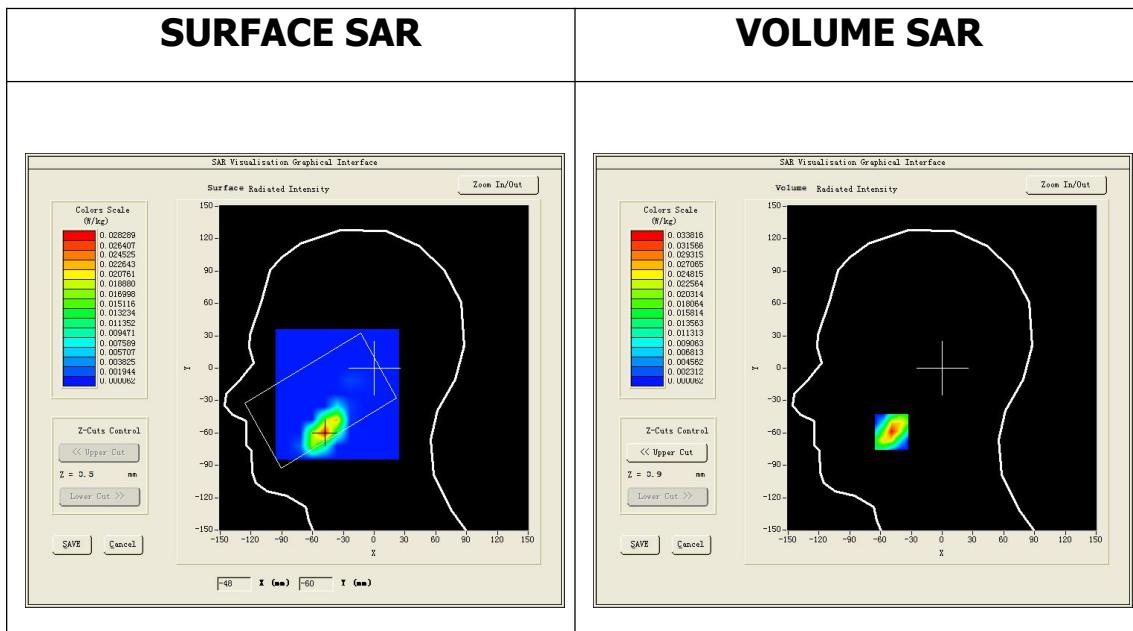
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4TX)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Lower Band SAR (Channel 512):

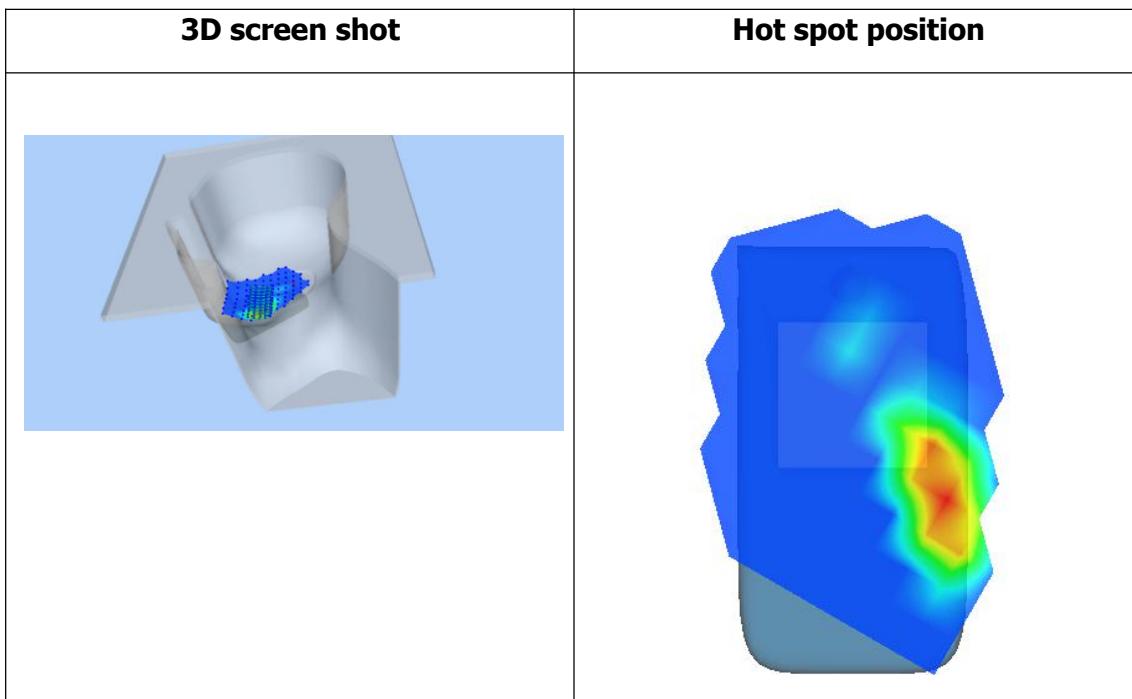
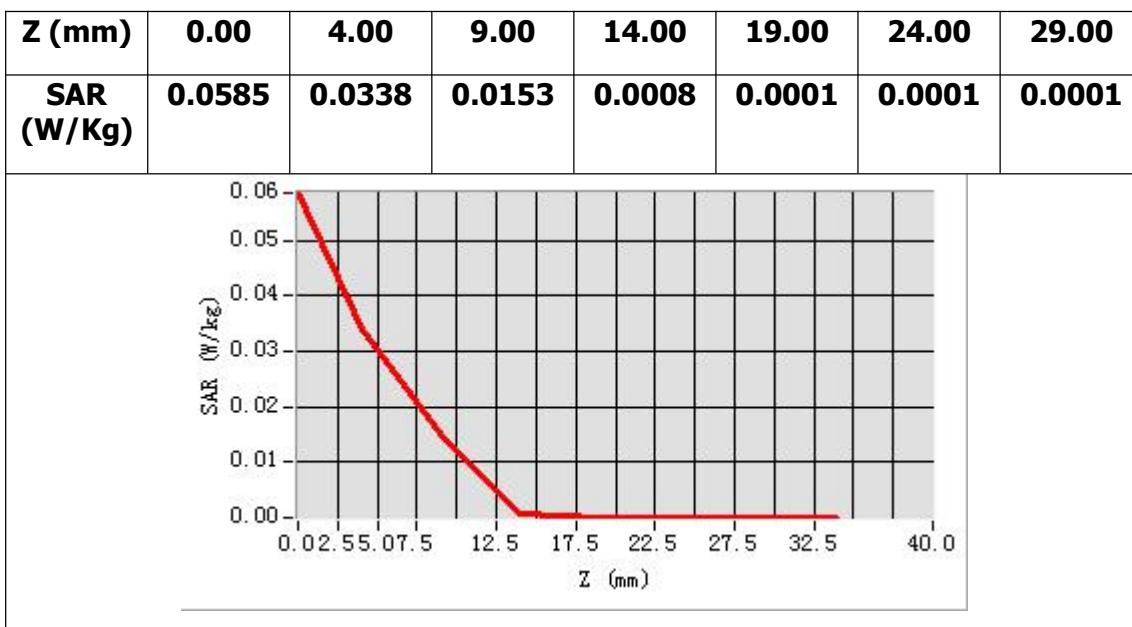
Frequency (MHz)	1850.199951
Relative permittivity (real part)	40.075100
Relative permittivity (imaginary part)	13.412000
Conductivity (S/m)	1.378605
Variation (%)	0.000000



Maximum location: X=-49.00, Y=-59.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.010924
SAR 1g (W/Kg)	0.030098



MEASUREMENT 8

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 10 minutes 10 seconds

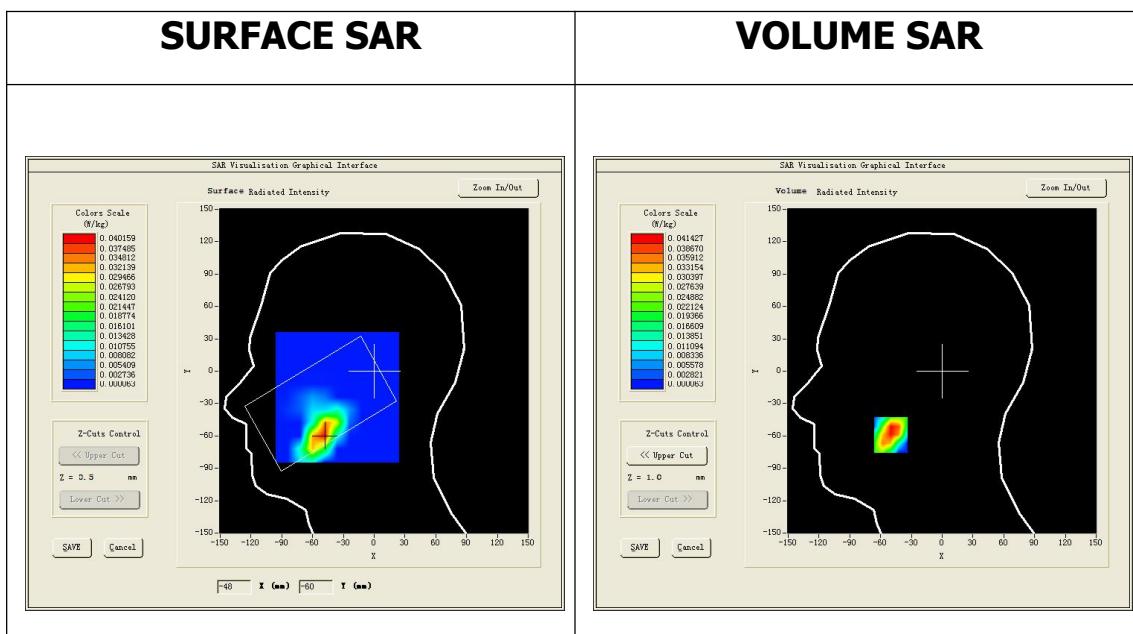
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4TX)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 661):

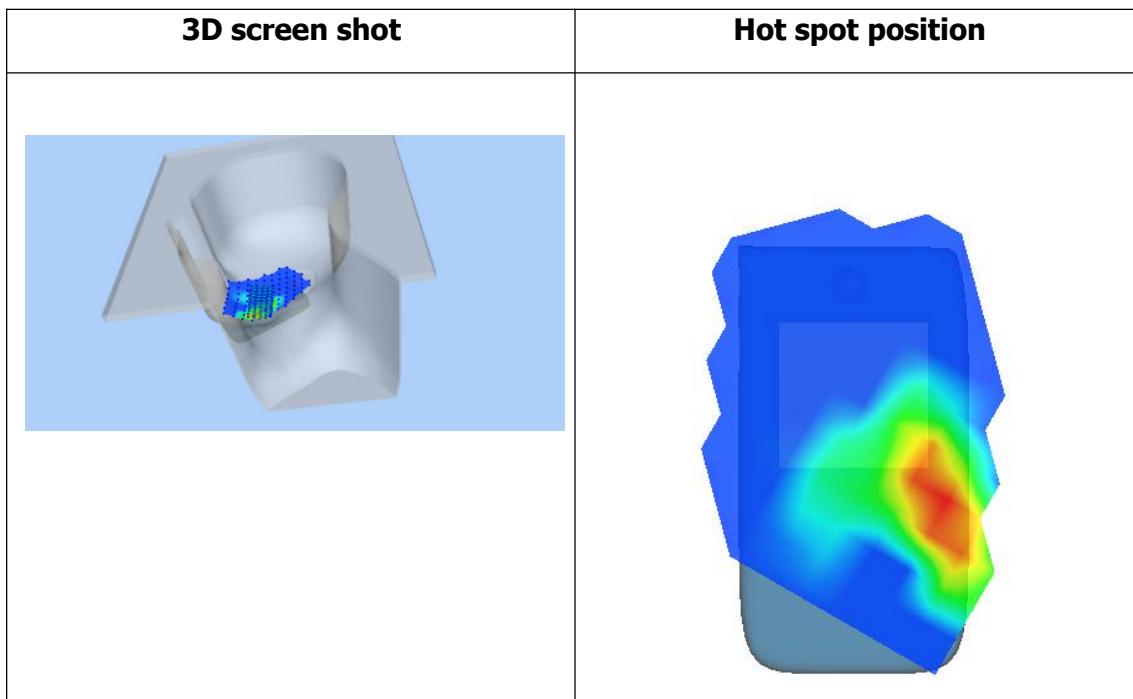
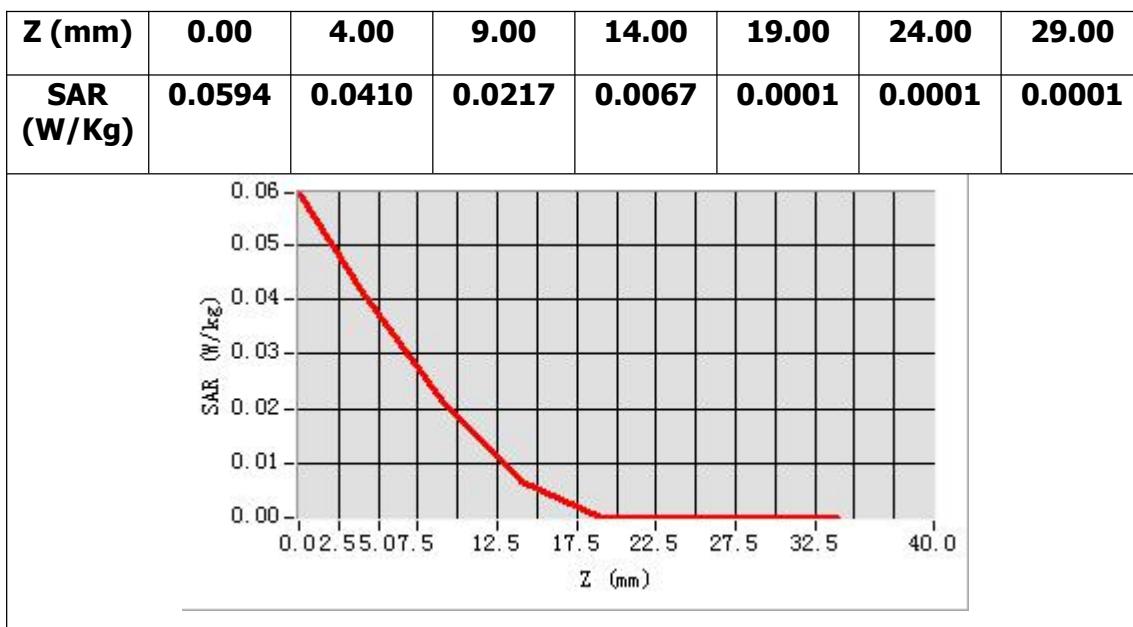
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409781
Variation (%)	0.000000



Maximum location: X=-50.00, Y=-59.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.015912
SAR 1g (W/Kg)	0.039566



MEASUREMENT 9

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 10 minutes 9 seconds

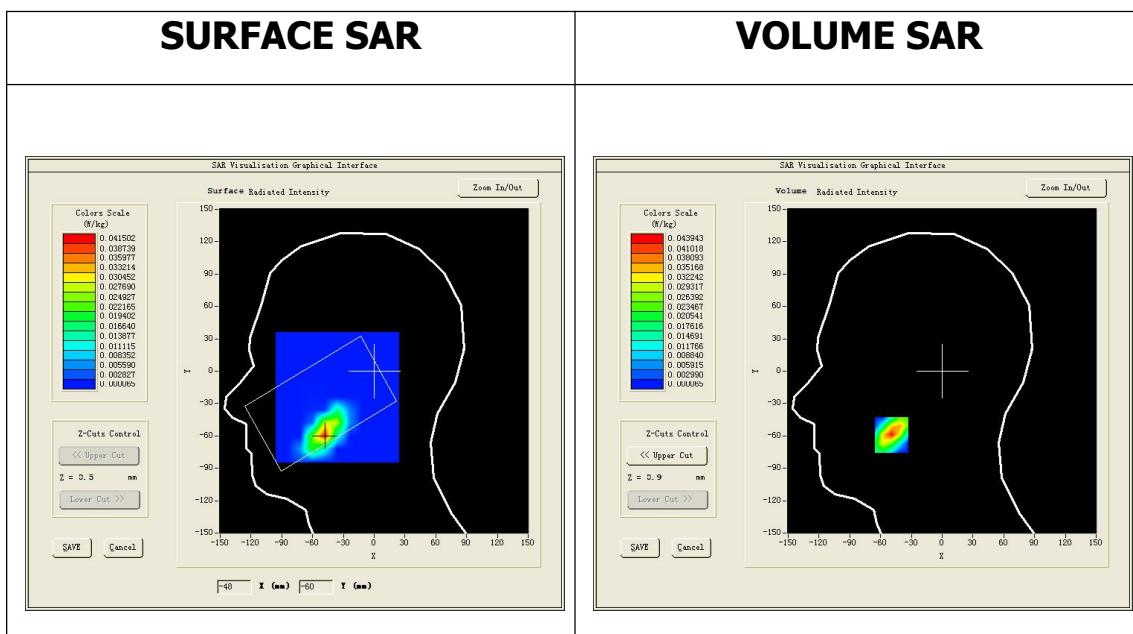
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4TX)</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Higher Band SAR (Channel 810):

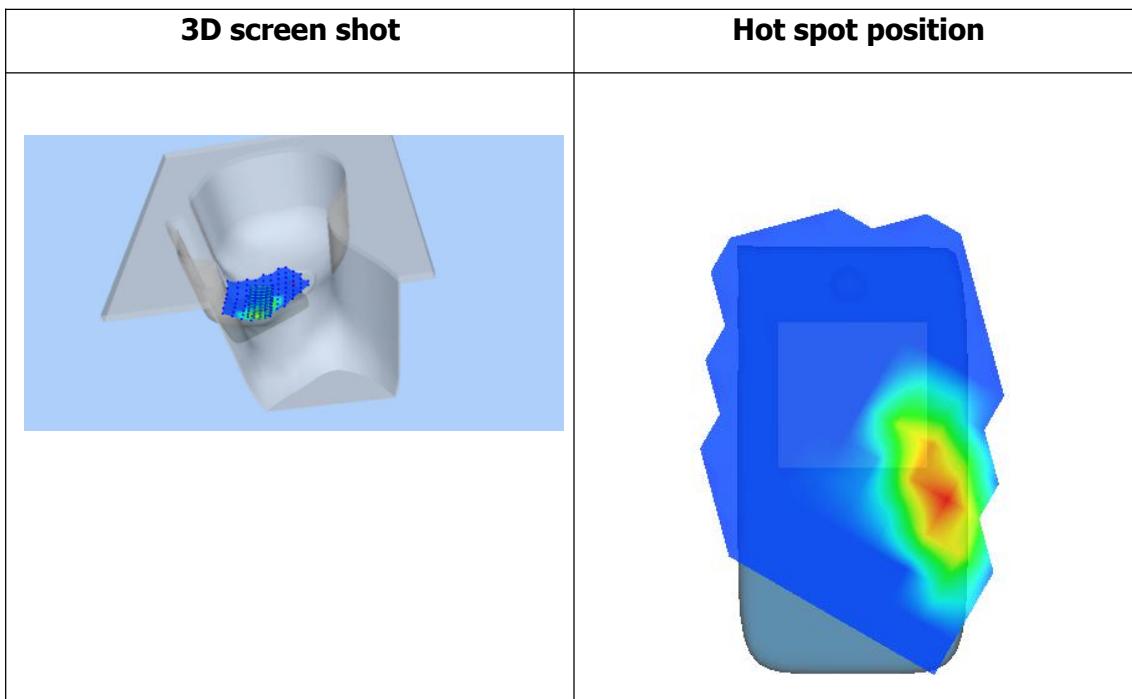
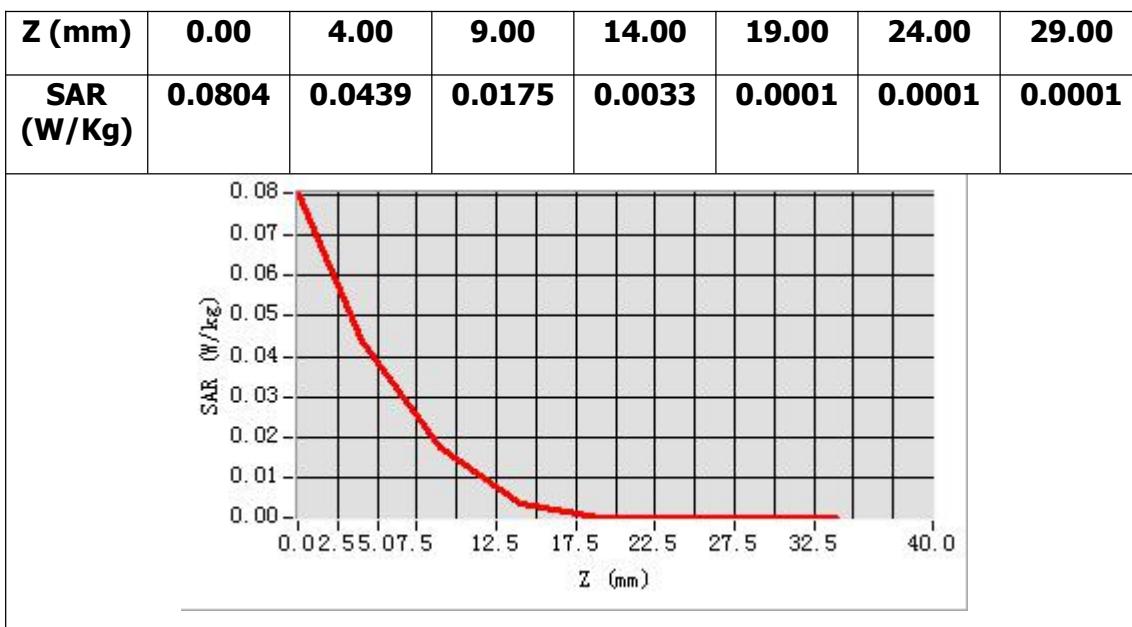
Frequency (MHz)	1909.800049
Relative permittivity (real part)	40.033501
Relative permittivity (imaginary part)	13.583700
Conductivity (S/m)	1.441231
Variation (%)	0.000000



Maximum location: X=-49.00, Y=-59.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.015514
SAR 1g (W/Kg)	0.040471



MEASUREMENT 10

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 8 minutes 44 seconds

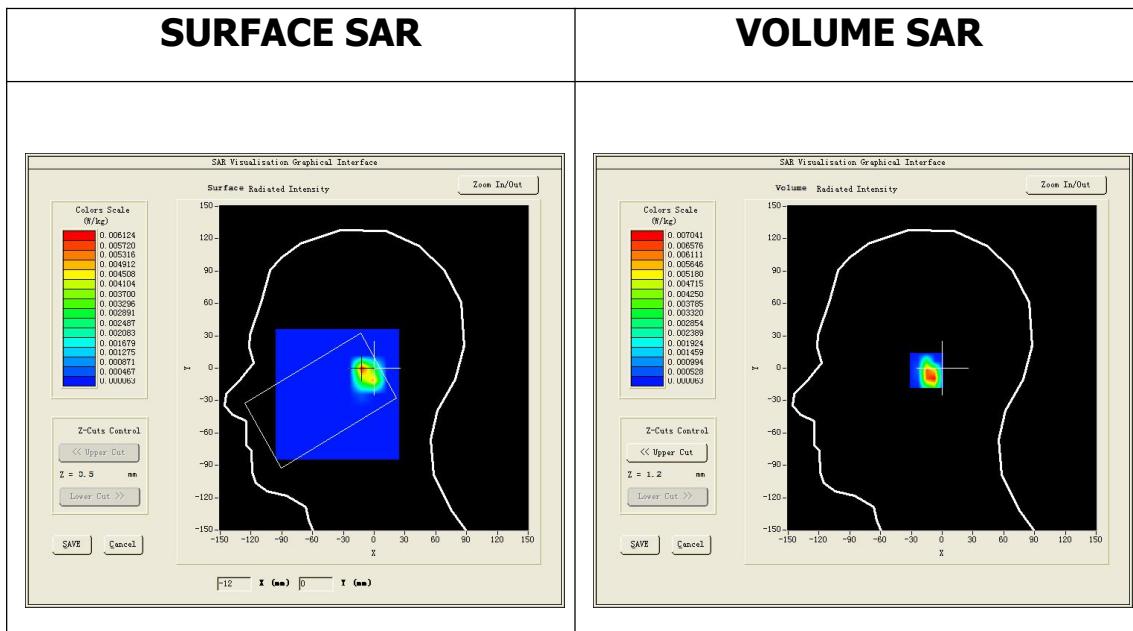
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4TX)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 661):

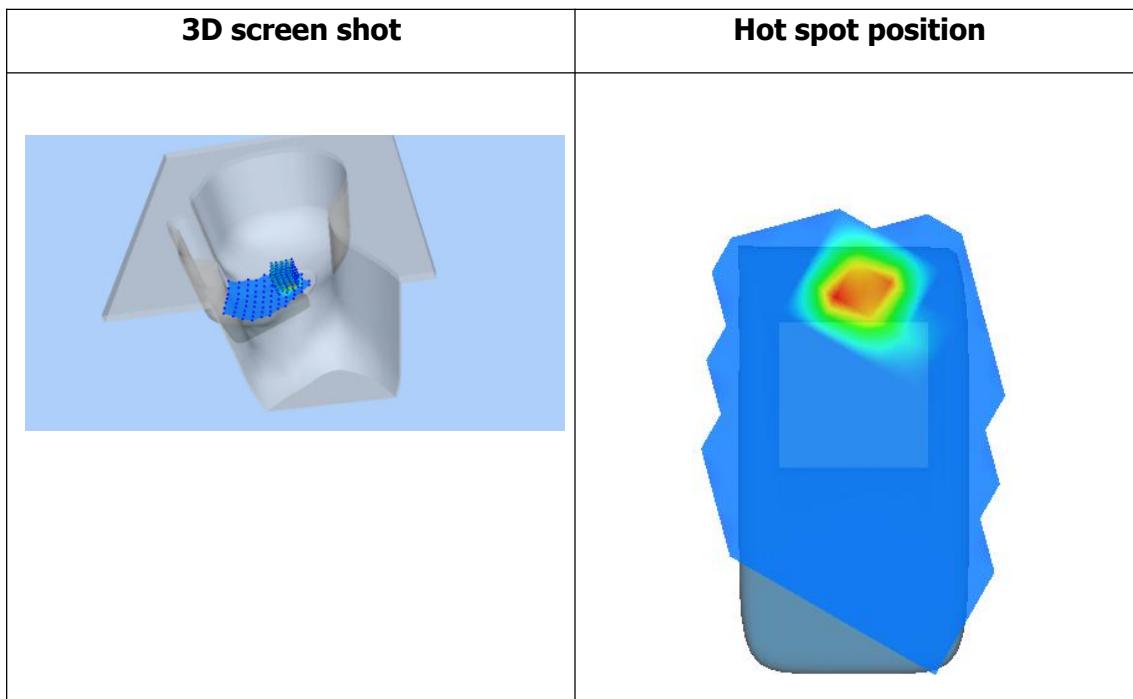
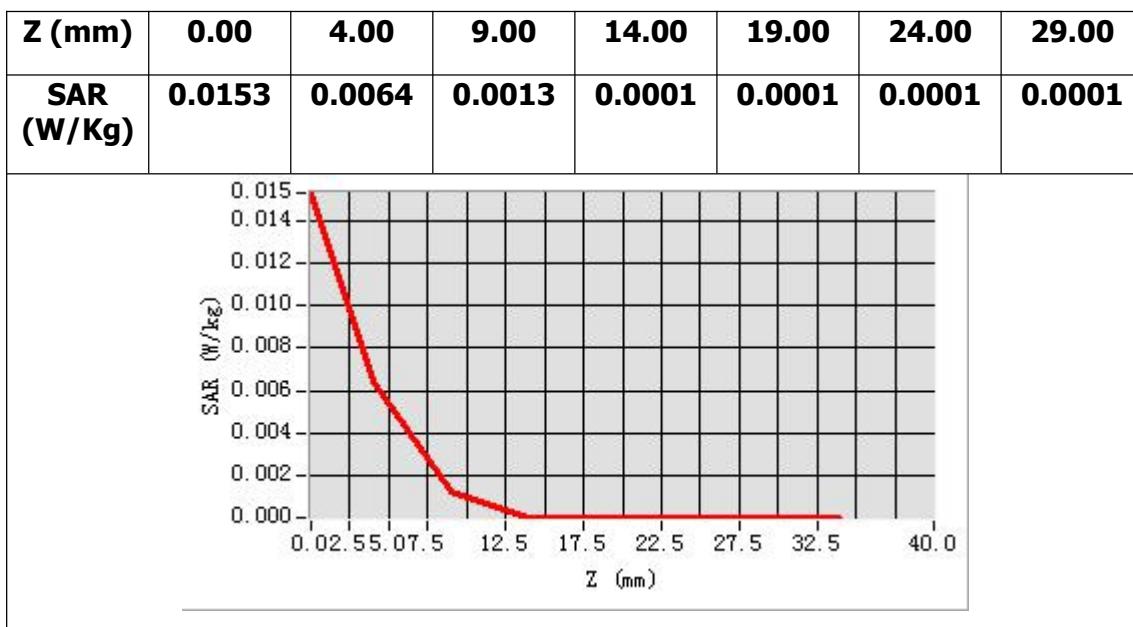
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409781
Variation (%)	3.340000



Maximum location: X=-10.00, Y=-2.00

SAR Peak: 0.02 W/kg

SAR 10g (W/Kg)	0.002114
SAR 1g (W/Kg)	0.008254



MEASUREMENT 11

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 10 minutes 11 seconds

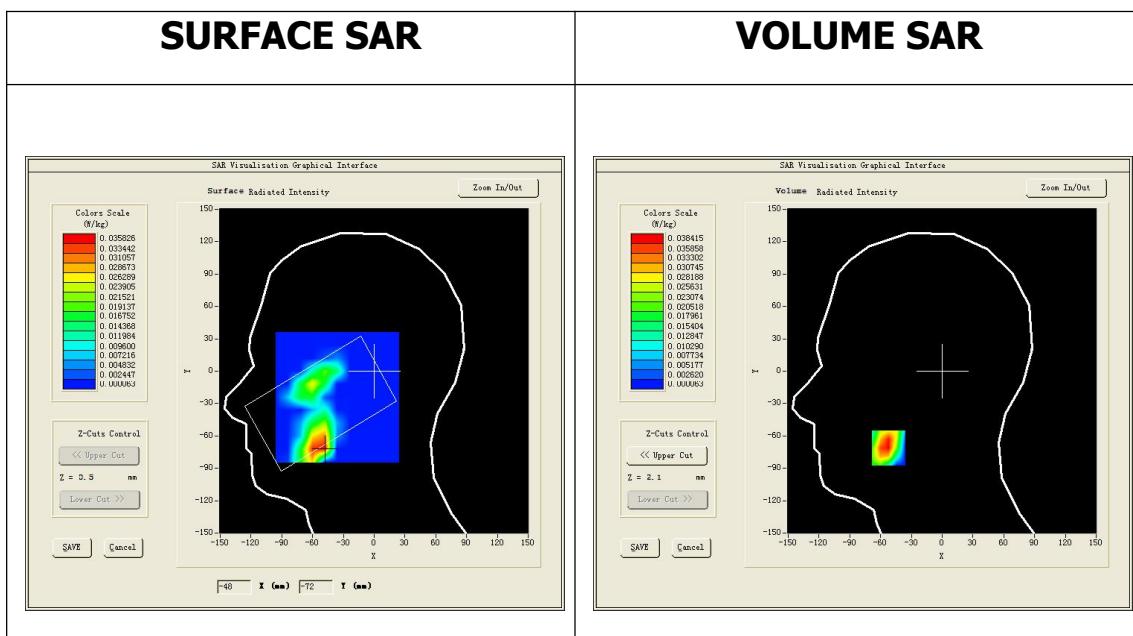
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4TX)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 661):

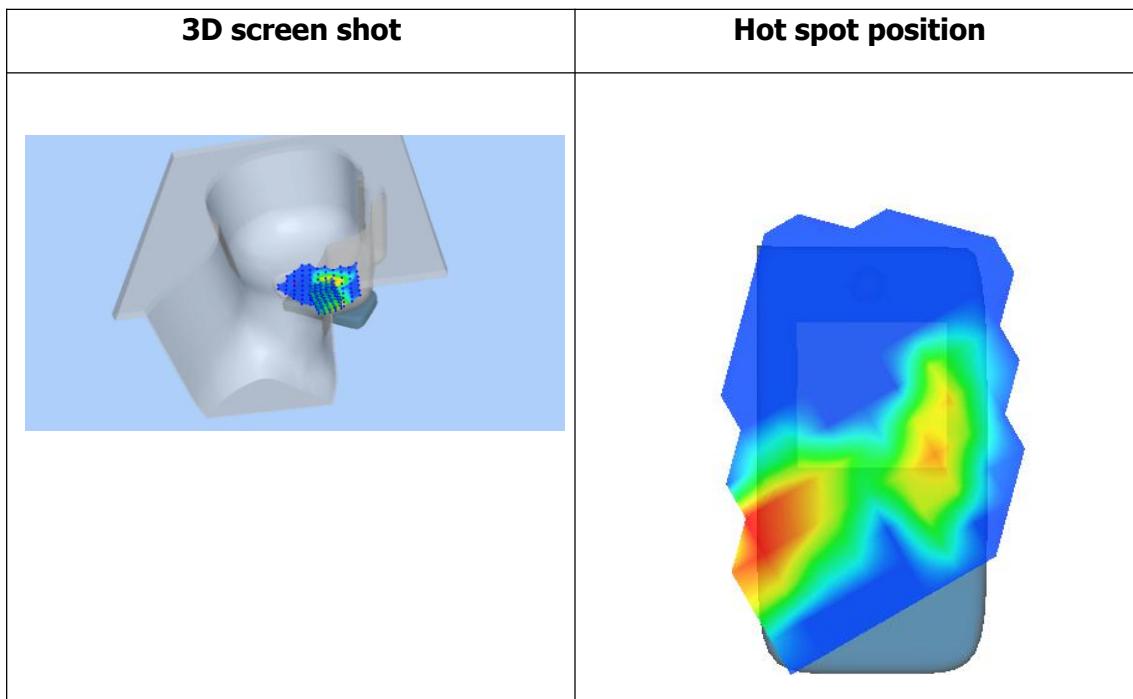
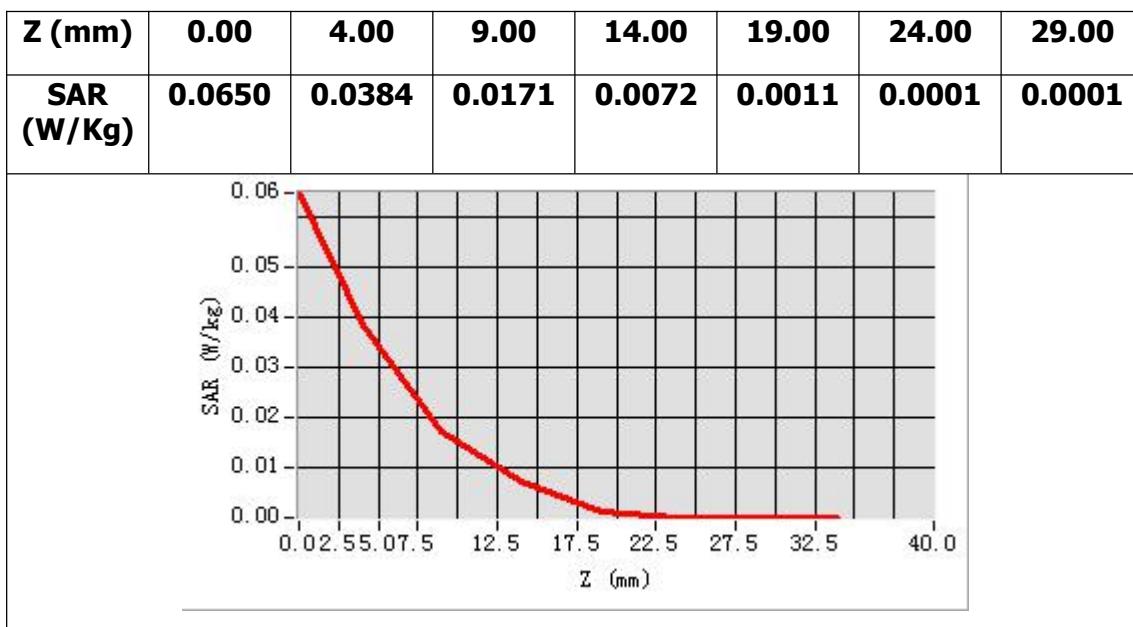
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409781
Variation (%)	0.000000



Maximum location: X=-52.00, Y=-71.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.016219
SAR 1g (W/Kg)	0.036679



MEASUREMENT 12

Type: Phone measurement (Complete)

Date of measurement: 25/8/2016

Measurement duration: 8 minutes 57 seconds

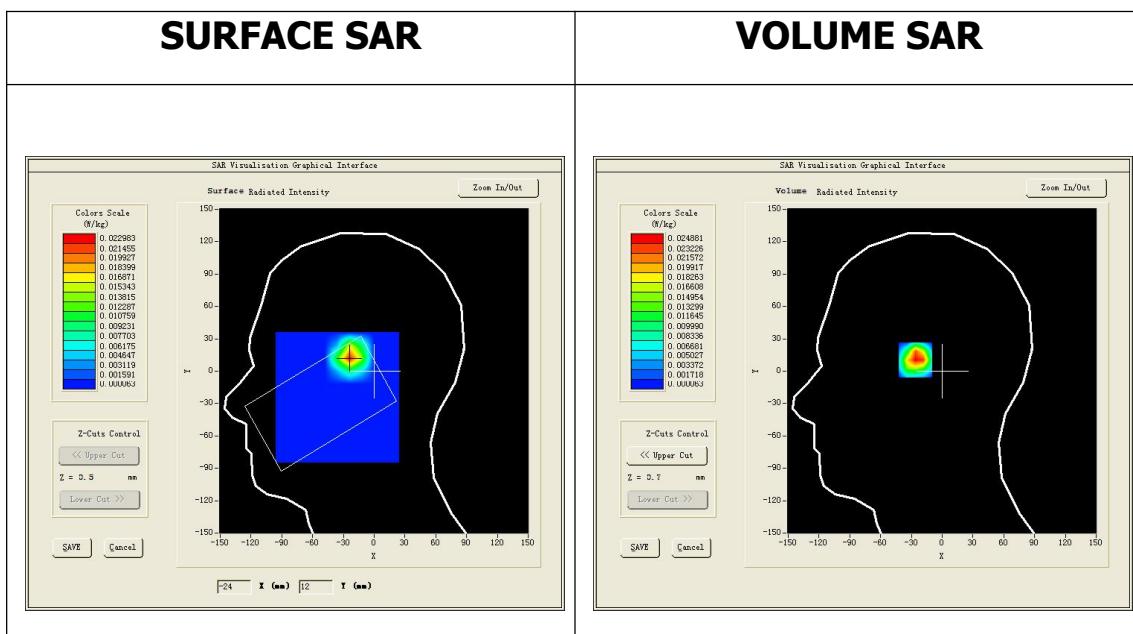
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>CUSTOM (GPRS1900 4TX)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 1:2</u>
<u>Conversion factor</u>	<u>4.63</u>

B. SAR Measurement Results

Middle Band SAR (Channel 661):

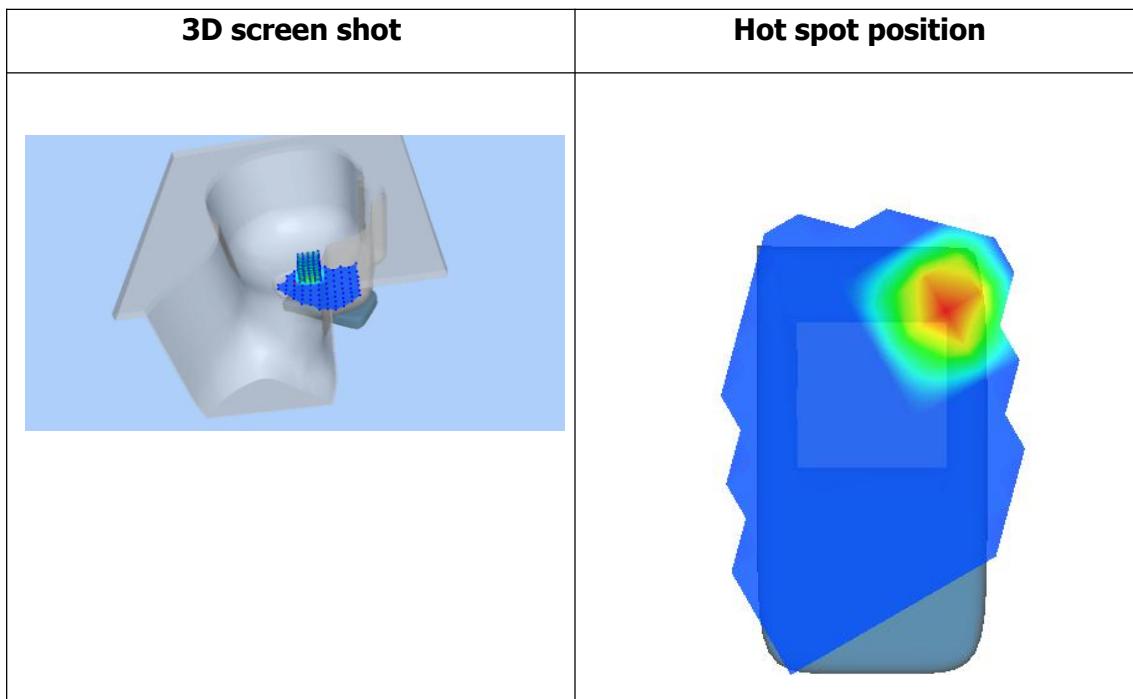
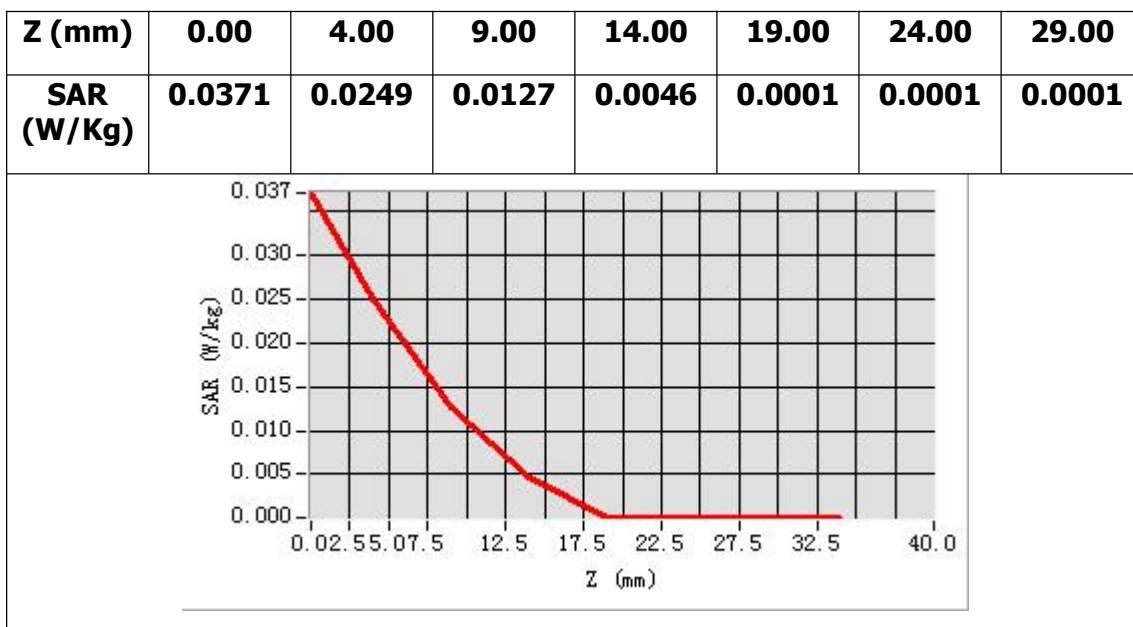
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.054401
Relative permittivity (imaginary part)	13.497900
Conductivity (S/m)	1.409781
Variation (%)	0.000000



Maximum location: X=-24.00, Y=13.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.008788
SAR 1g (W/Kg)	0.022973



MEASUREMENT 13

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 45 seconds

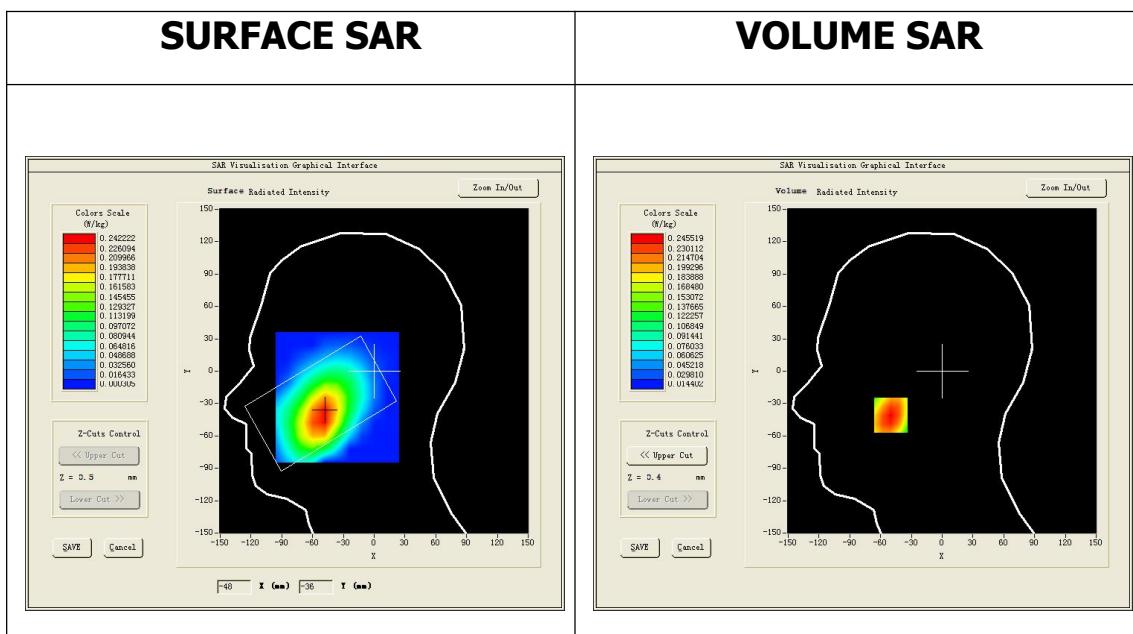
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Lower Band SAR (Channel 4132):

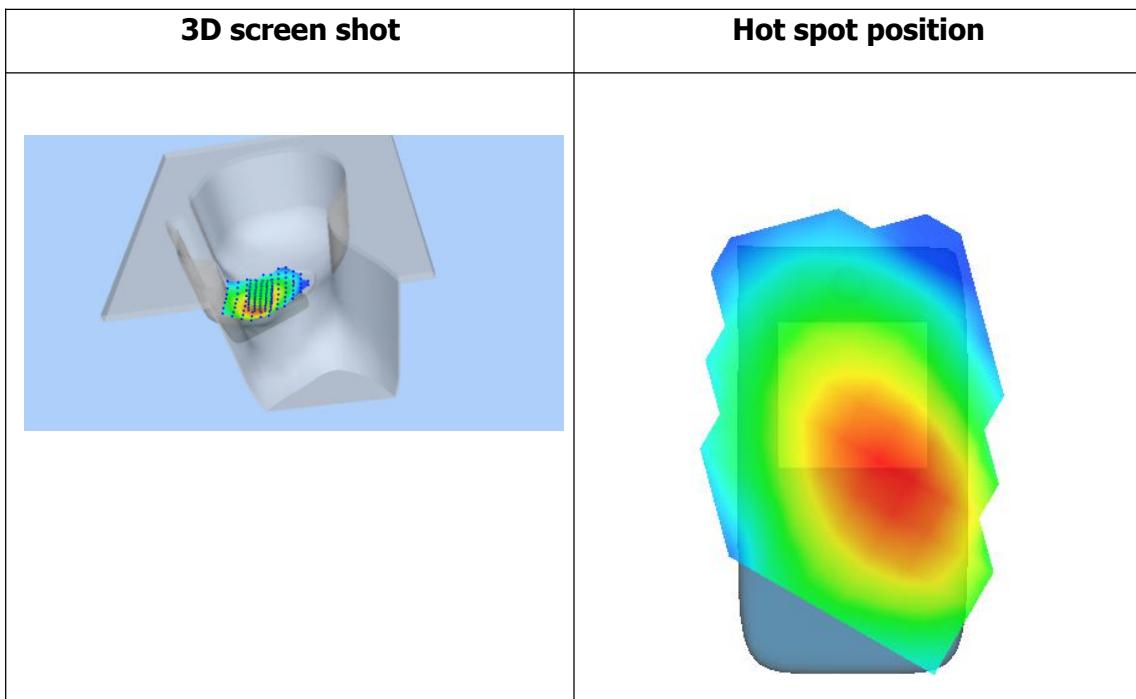
Frequency (MHz)	826.400024
Relative permittivity (real part)	40.731480
Relative permittivity (imaginary part)	19.941460
Conductivity (S/m)	0.915535
Variation (%)	2.010000



Maximum location: X=-50.00, Y=-41.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.171135
SAR 1g (W/Kg)	0.241083



MEASUREMENT 14

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 45 seconds

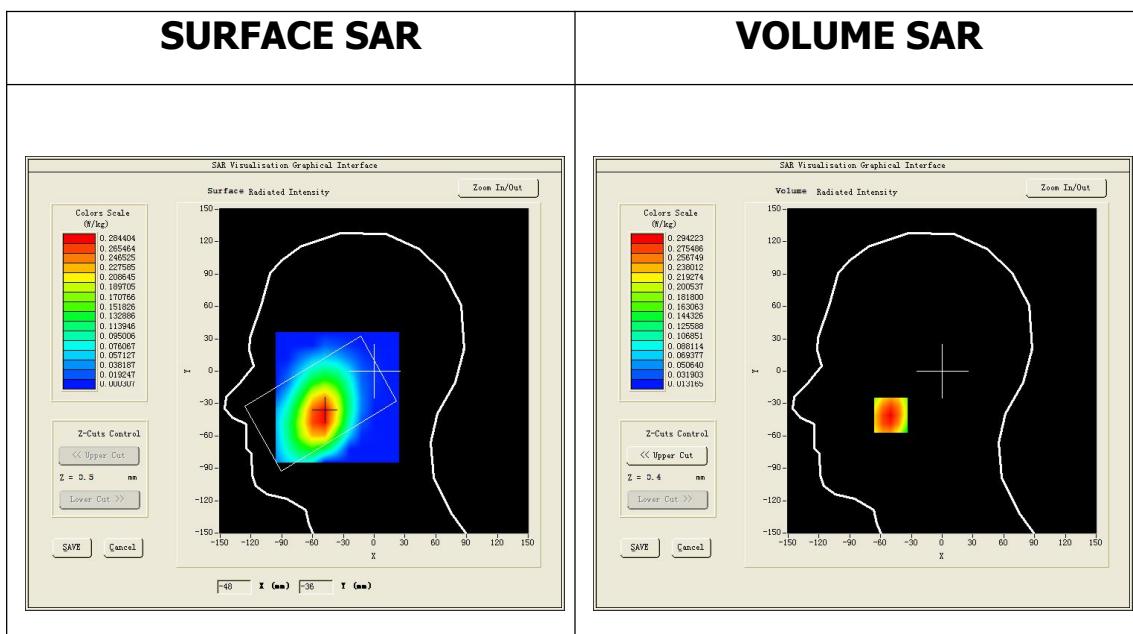
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

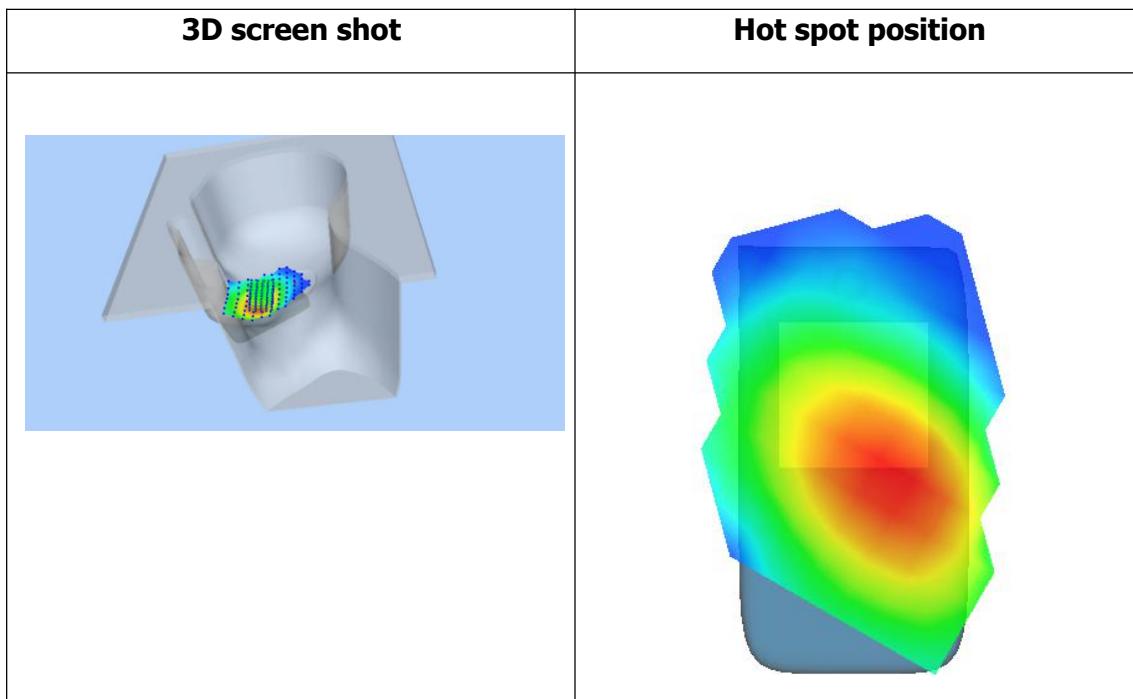
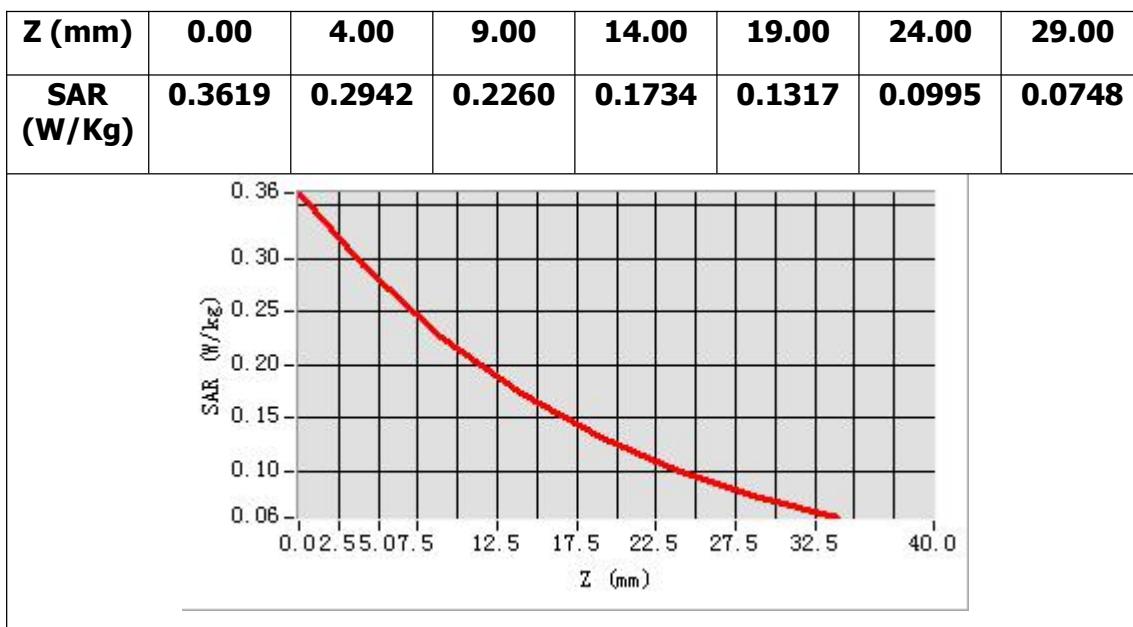
Frequency (MHz)	836.400024
Relative permittivity (real part)	40.538380
Relative permittivity (imaginary part)	19.960159
Conductivity (S/m)	0.927482
Variation (%)	-0.970000



Maximum location: X=-50.00, Y=-41.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.206880
SAR 1g (W/Kg)	0.291028



MEASUREMENT 15

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 49 seconds

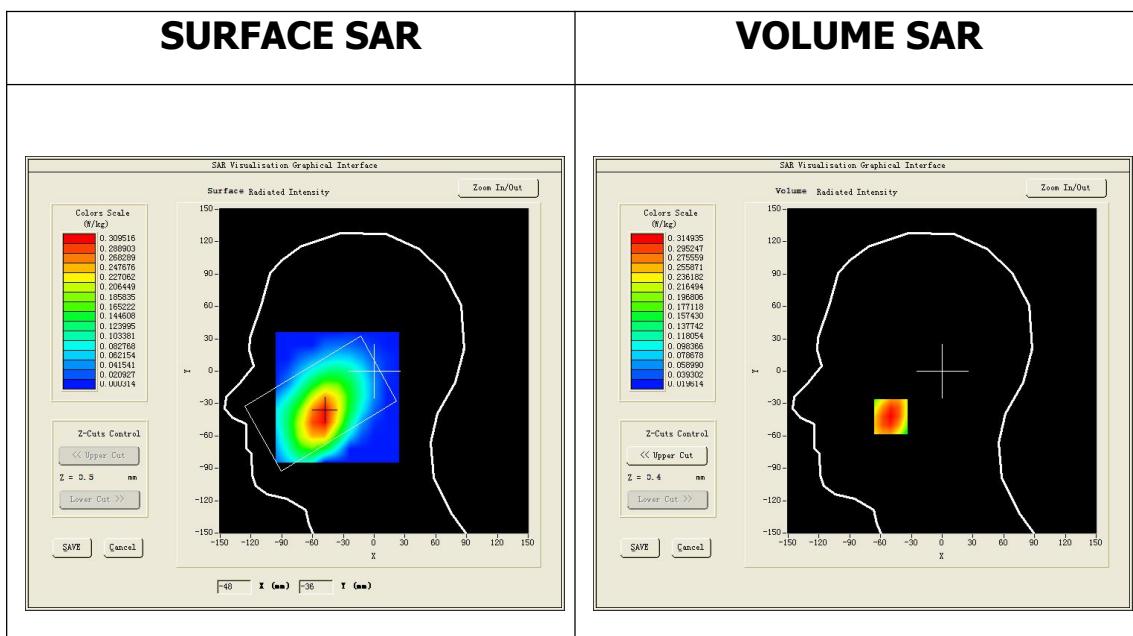
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Higher Band SAR (Channel 4233):

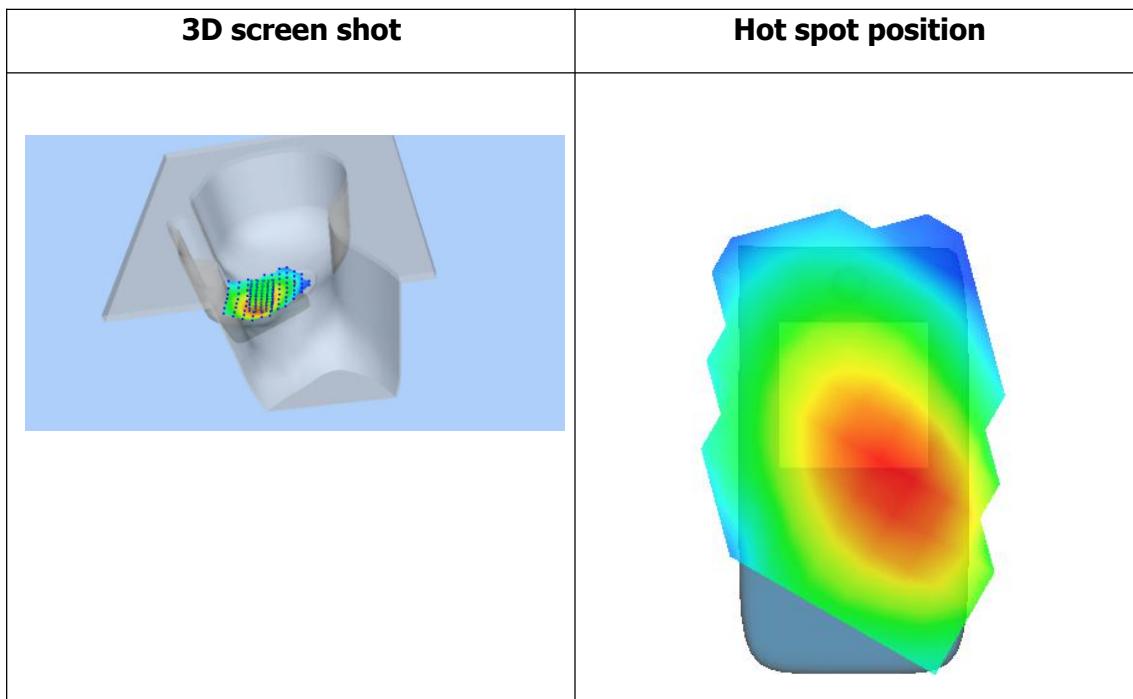
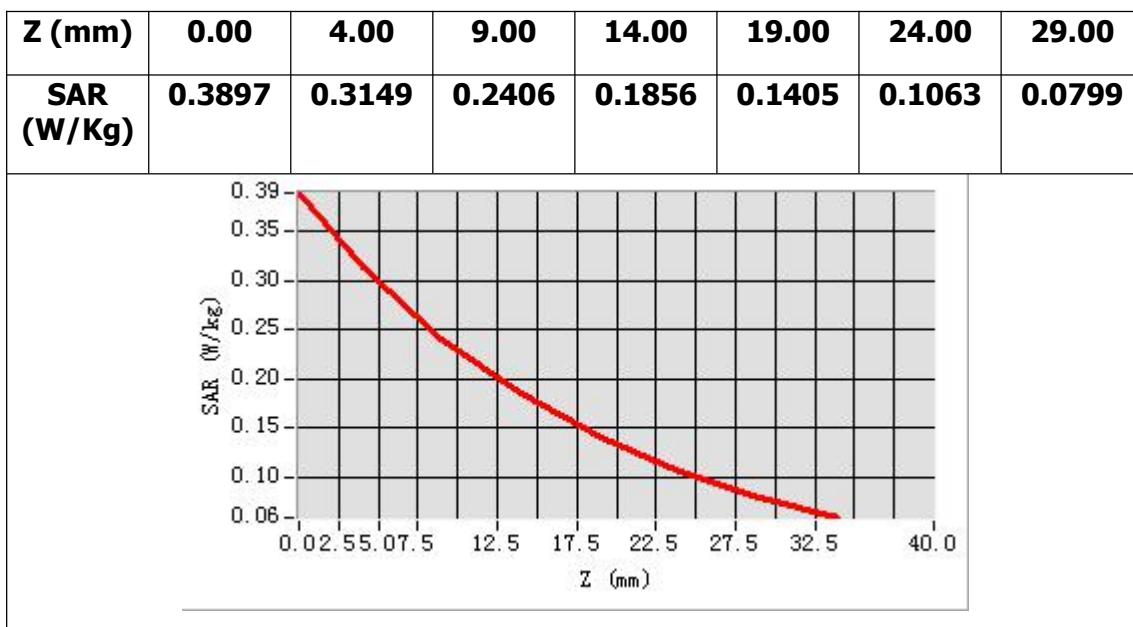
Frequency (MHz)	846.599976
Relative permittivity (real part)	40.353241
Relative permittivity (imaginary part)	20.023140
Conductivity (S/m)	0.941755
Variation (%)	2.500000



Maximum location: X=-50.00, Y=-42.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.221081
SAR 1g (W/Kg)	0.312176



MEASUREMENT 16

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 1 seconds

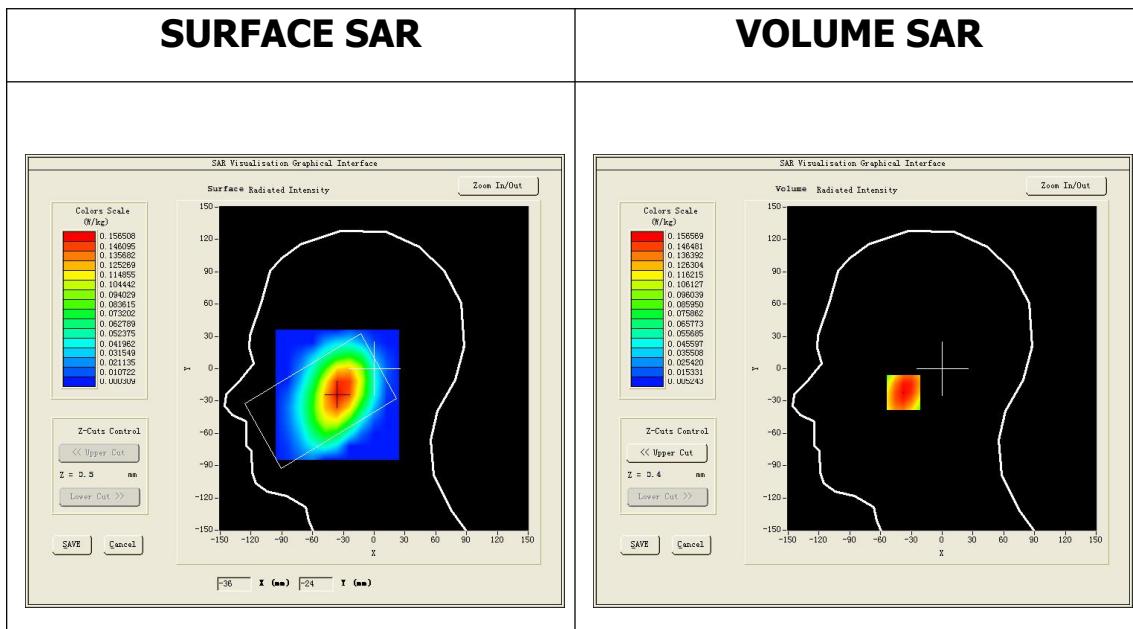
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

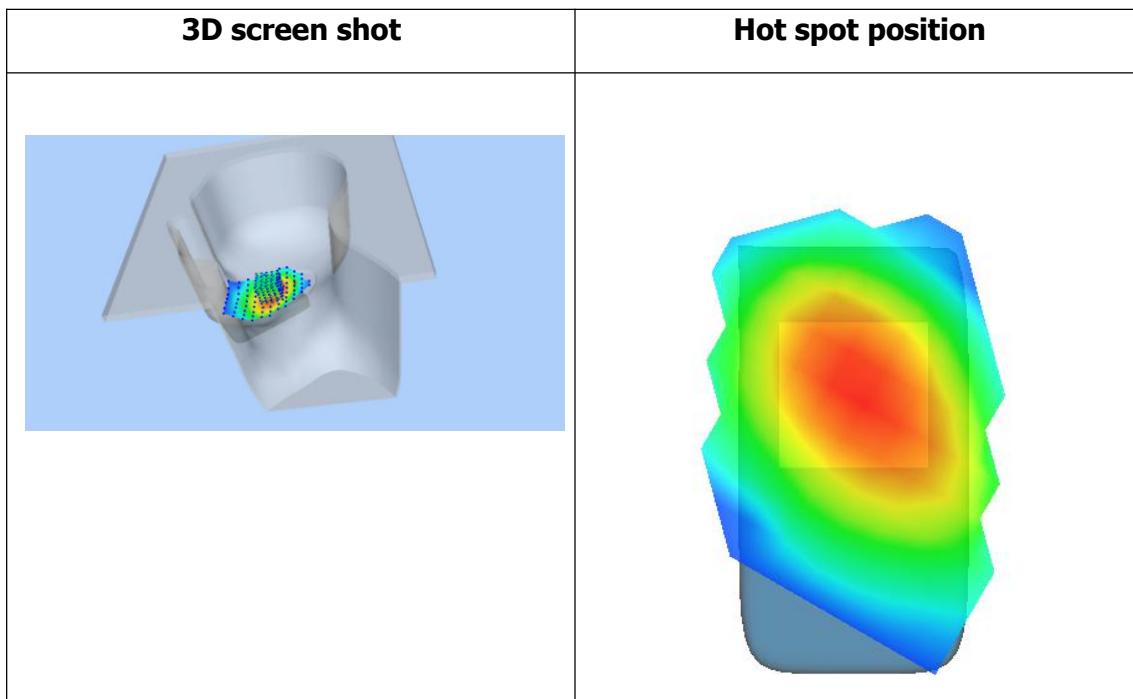
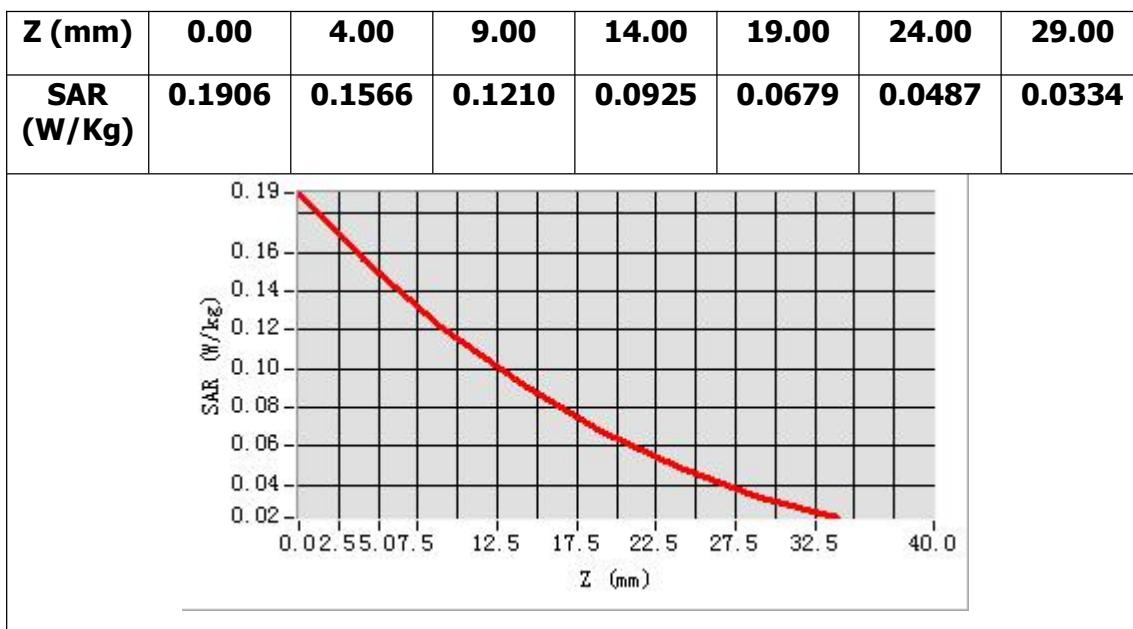
Frequency (MHz)	836.400024
Relative permittivity (real part)	40.538380
Relative permittivity (imaginary part)	19.960159
Conductivity (S/m)	0.927482
Variation (%)	3.200000



Maximum location: X=-34.00, Y=-22.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.109999
SAR 1g (W/Kg)	0.155339



MEASUREMENT 17

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 9 minutes 49 seconds

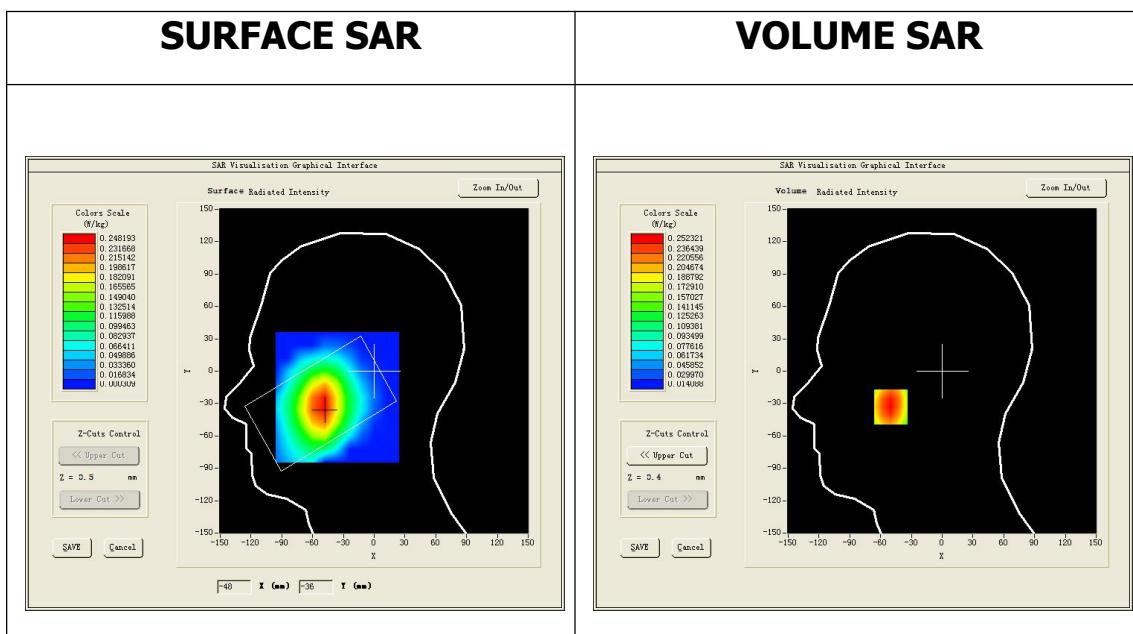
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

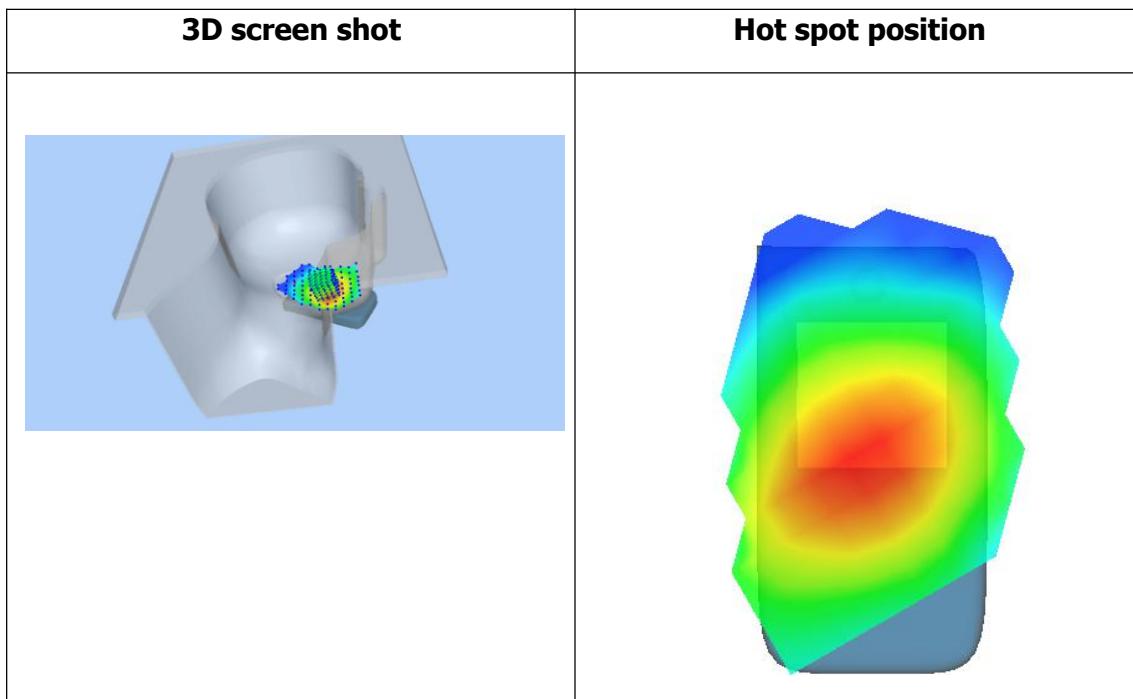
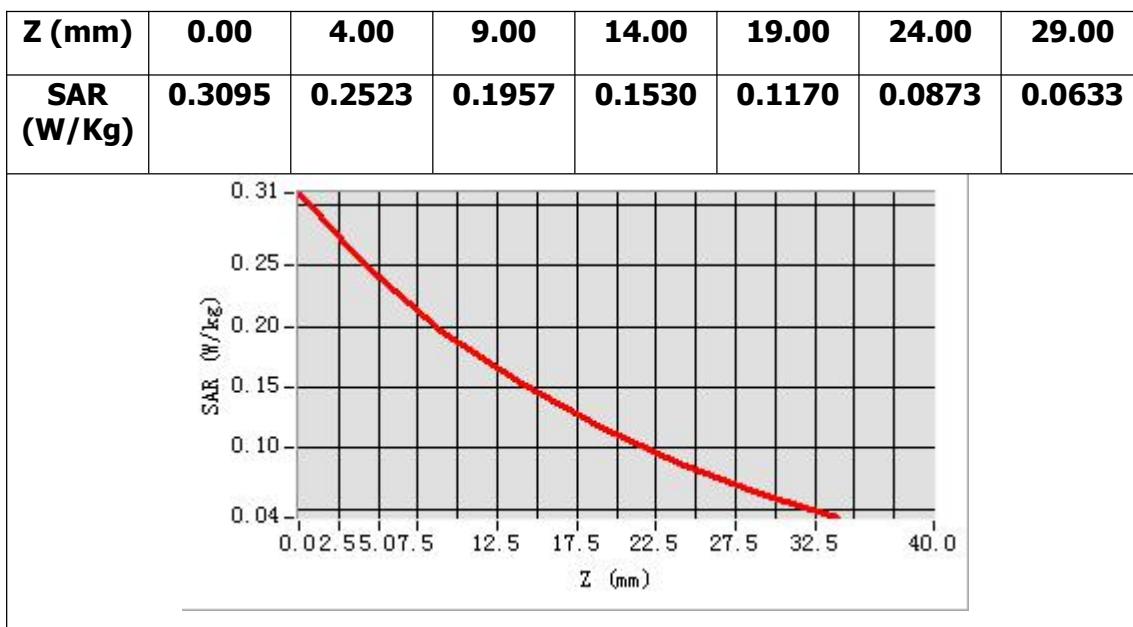
Frequency (MHz)	836.400024
Relative permittivity (real part)	40.538380
Relative permittivity (imaginary part)	19.960159
Conductivity (S/m)	0.927482
Variation (%)	-0.620000



Maximum location: X=-50.00, Y=-33.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.178341
SAR 1g (W/Kg)	0.249545



MEASUREMENT 18

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 1 seconds

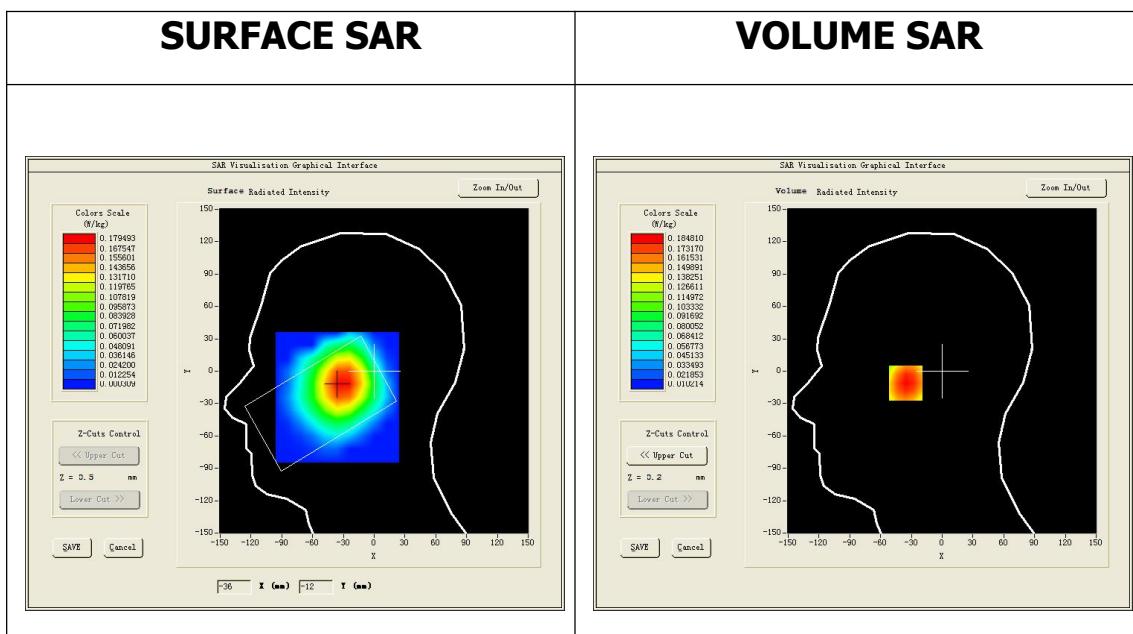
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.93</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

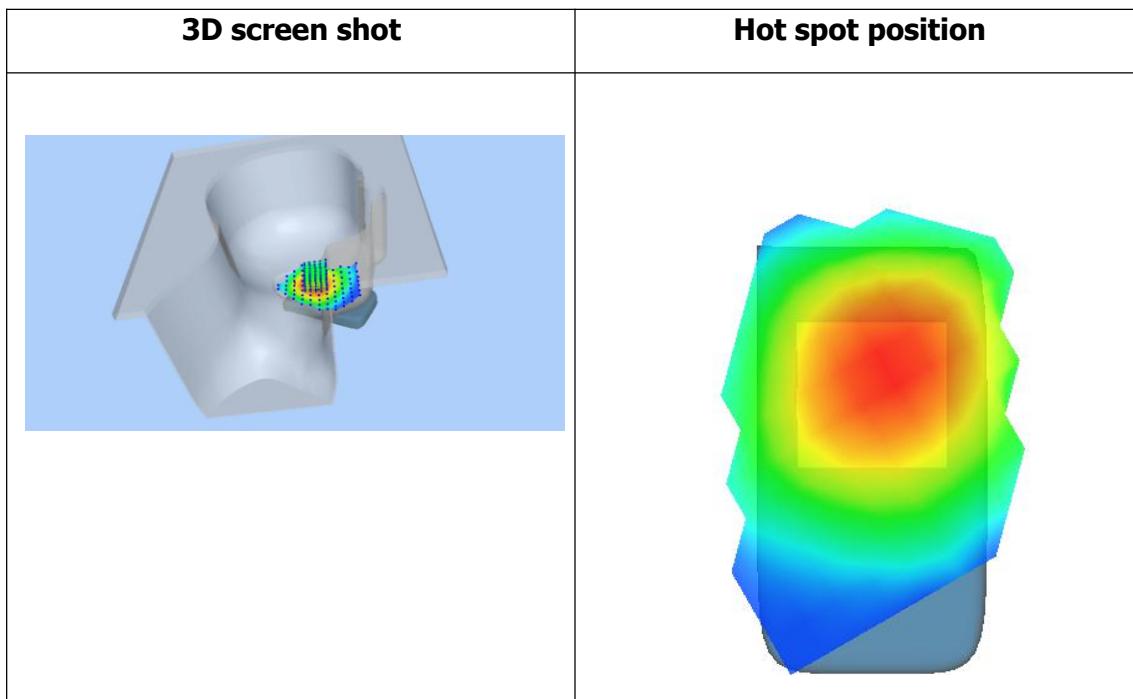
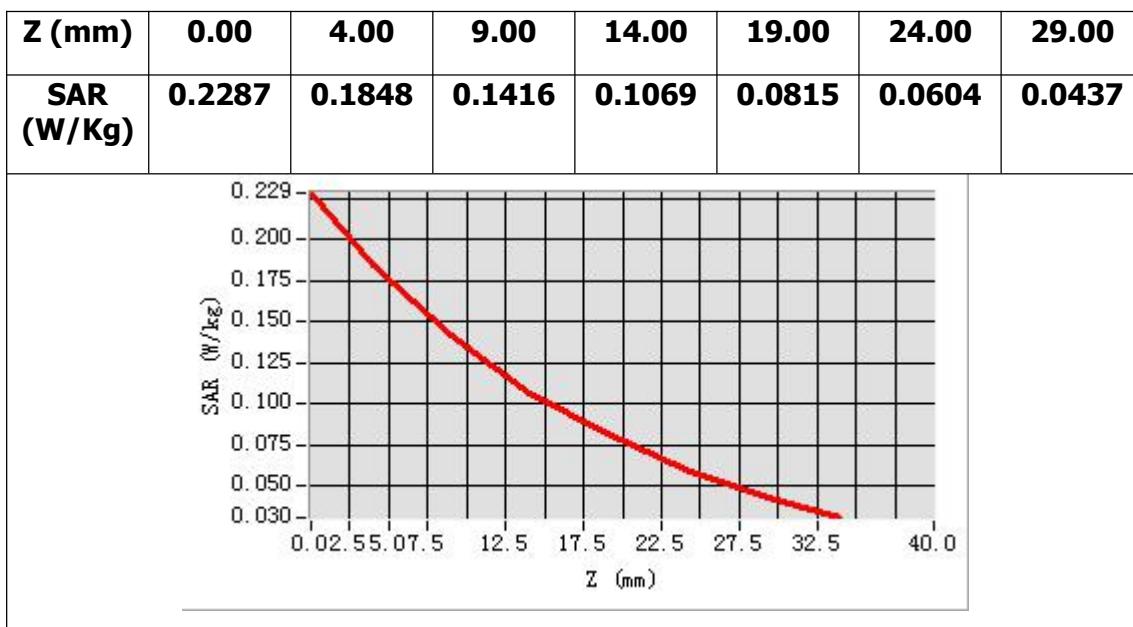
Frequency (MHz)	836.400024
Relative permittivity (real part)	40.538380
Relative permittivity (imaginary part)	19.960159
Conductivity (S/m)	0.927482
Variation (%)	1.020000



Maximum location: X=-32.00, Y=-11.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.130485
SAR 1g (W/Kg)	0.182978



MEASUREMENT 19

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 46 seconds

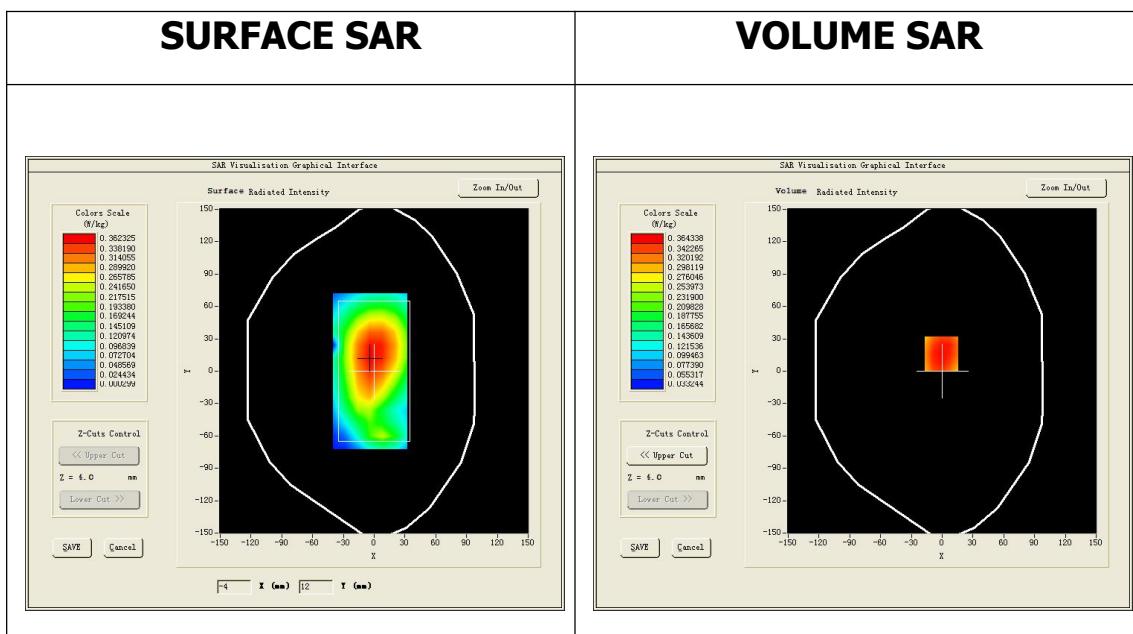
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Lower Band SAR (Channel 4132):

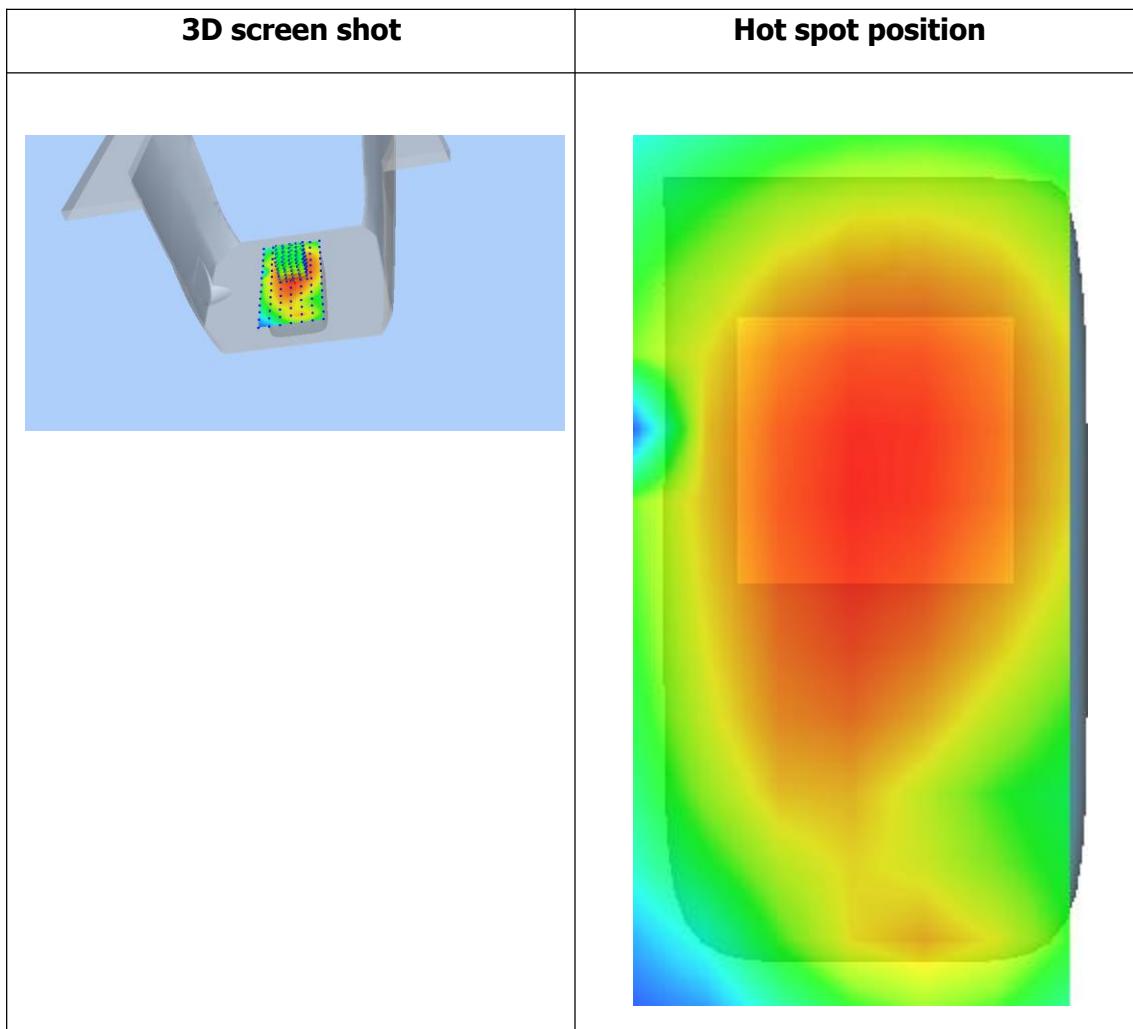
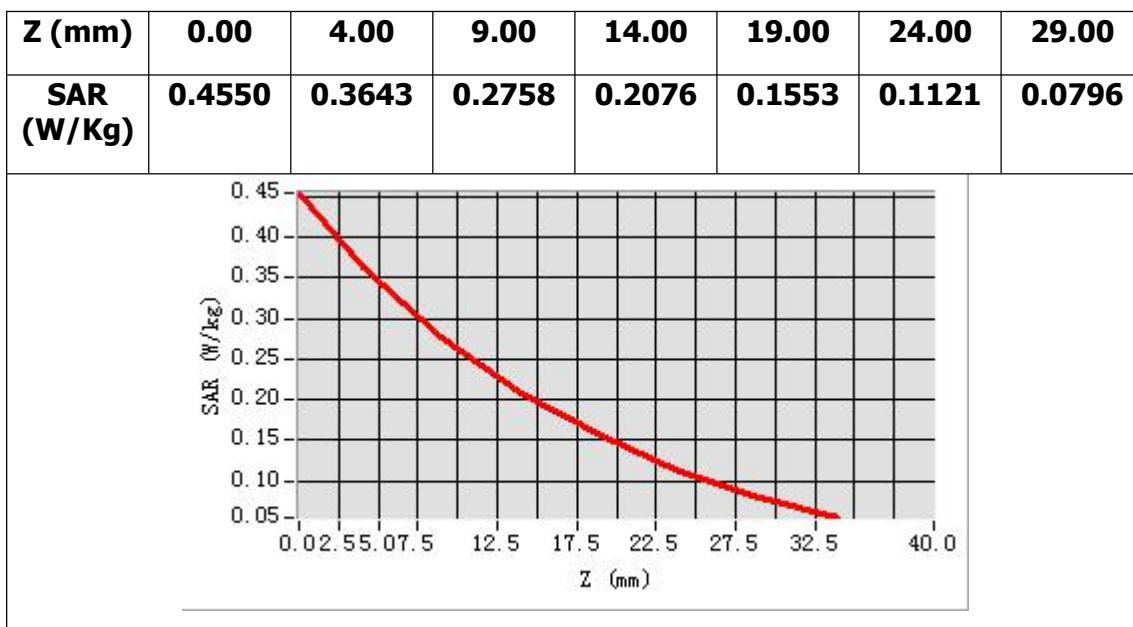
Frequency (MHz)	826.400024
Relative permittivity (real part)	53.664639
Relative permittivity (imaginary part)	21.685261
Conductivity (S/m)	0.995594
Variation (%)	-1.540000



Maximum location: X=-1.00, Y=16.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.283958
SAR 1g (W/Kg)	0.394388



MEASUREMENT 20

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 47 seconds

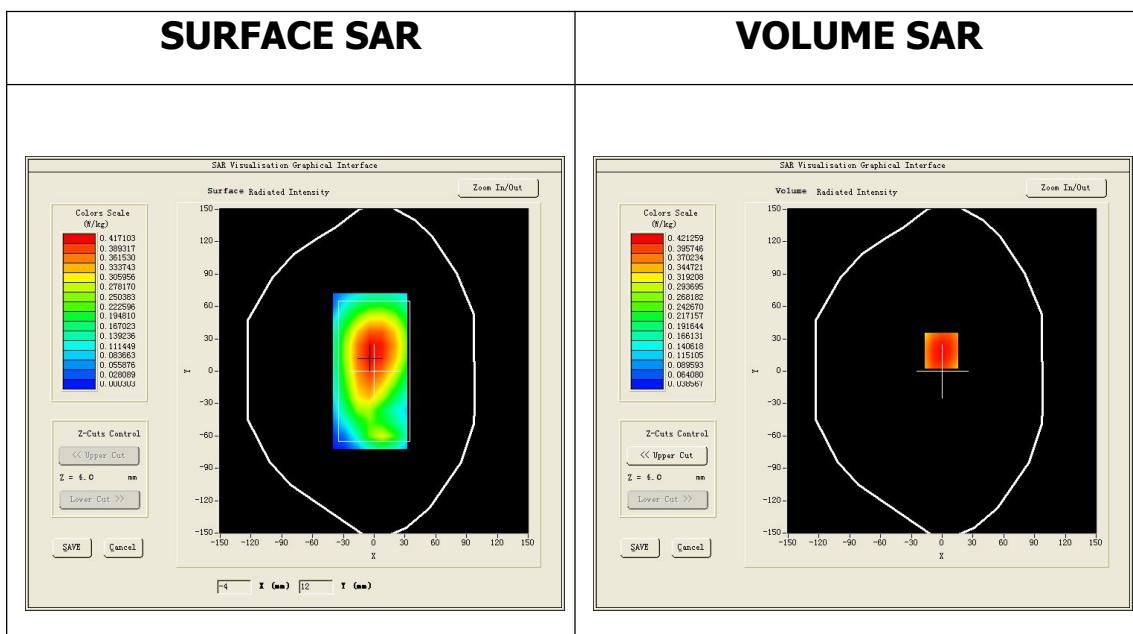
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

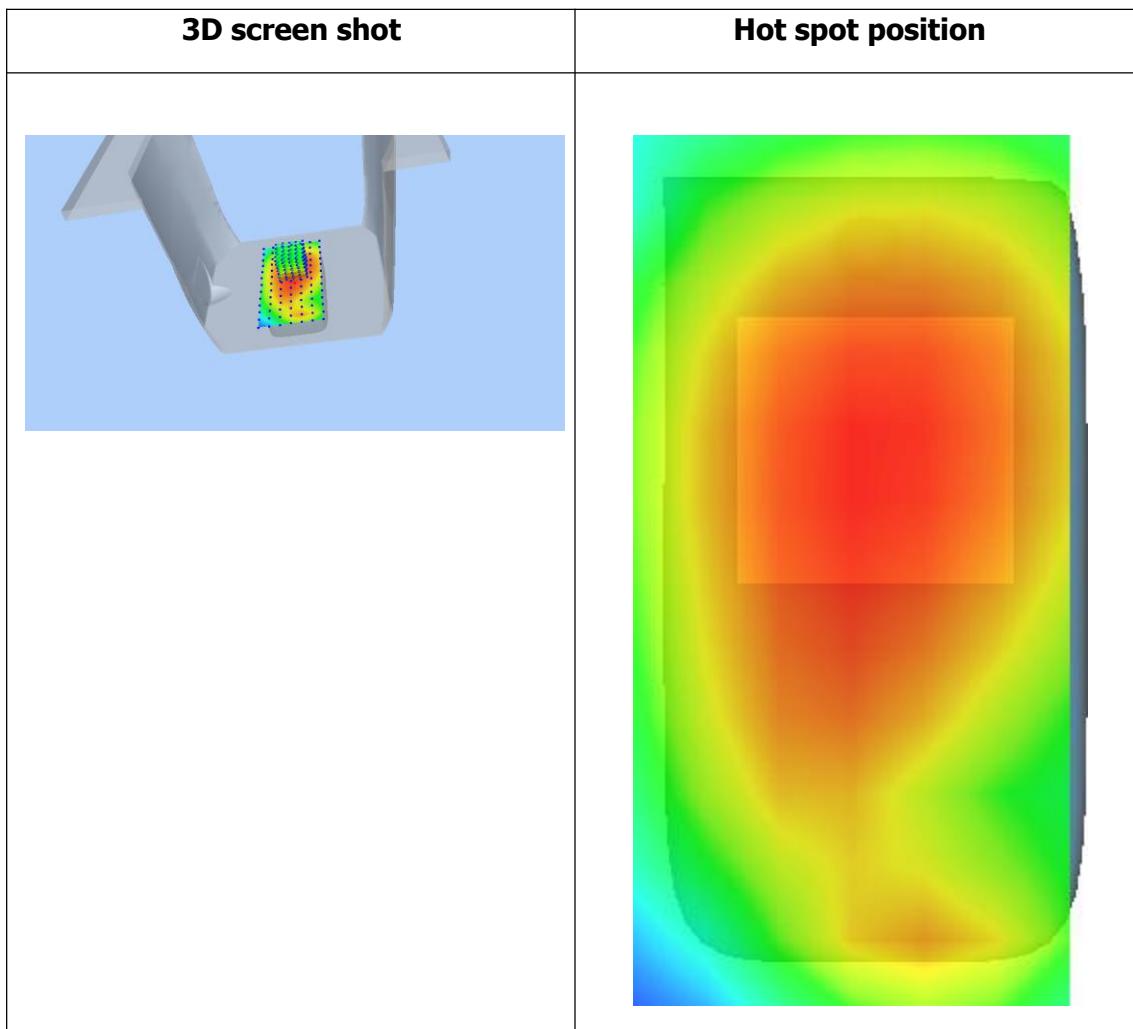
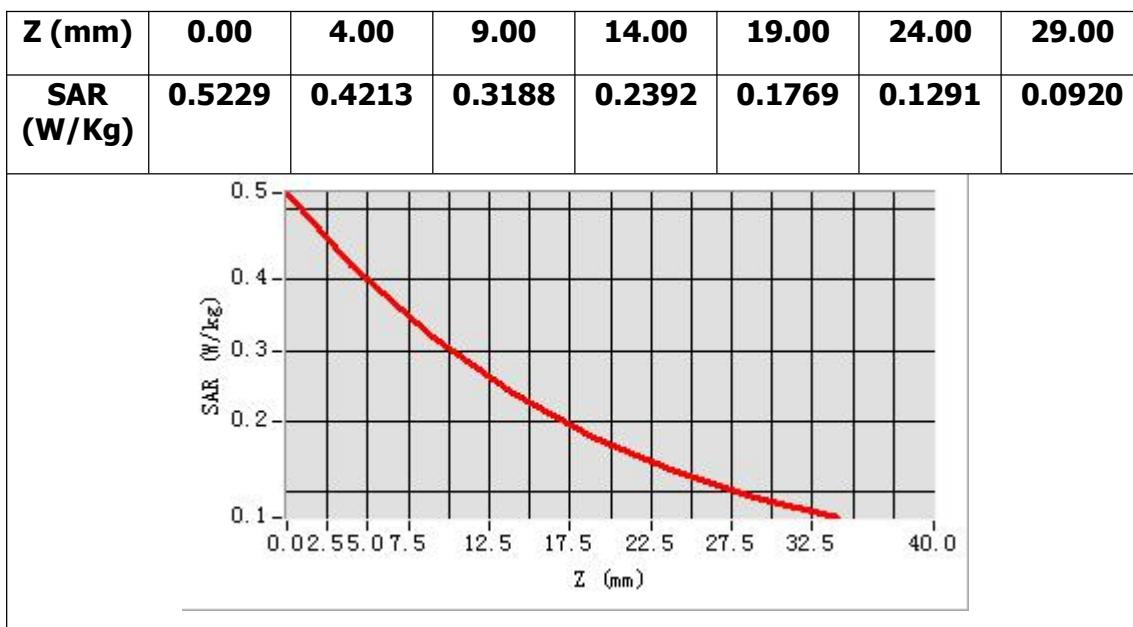
Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599
Variation (%)	1.090000



Maximum location: X=-1.00, Y=19.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.329949
SAR 1g (W/Kg)	0.458152



MEASUREMENT 21

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 12 minutes 11 seconds

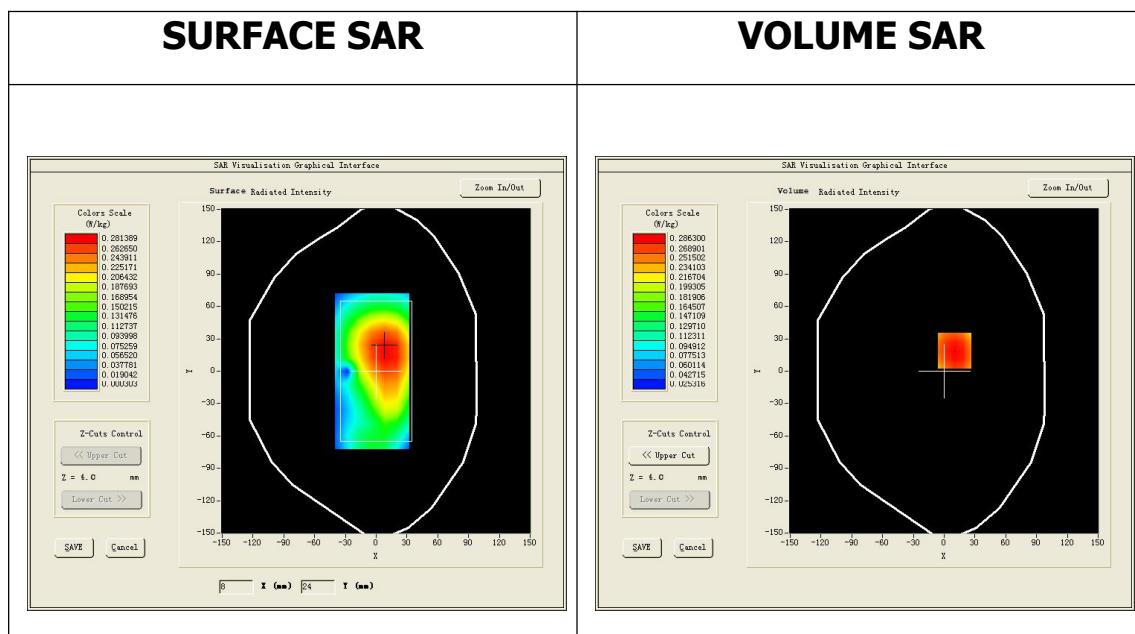
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

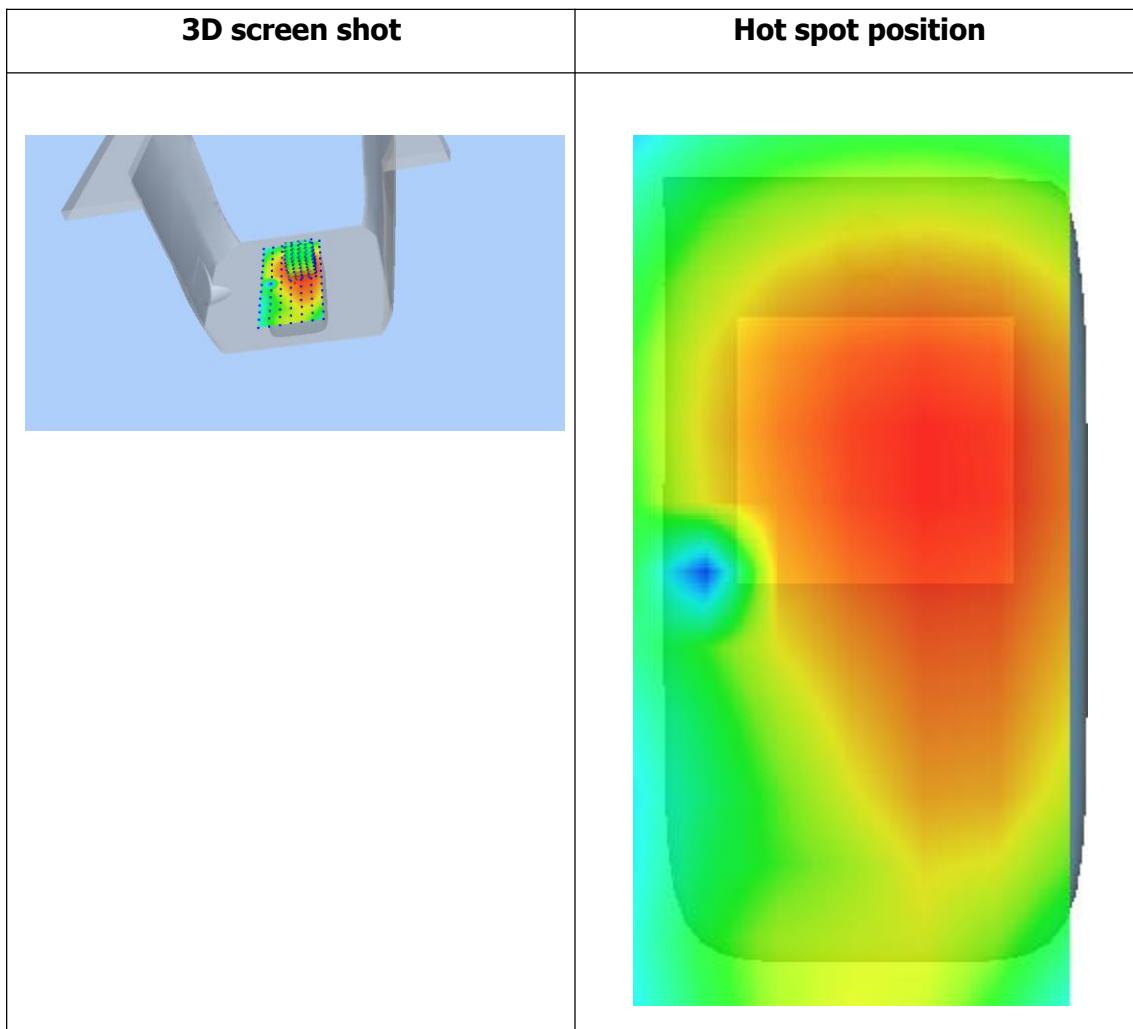
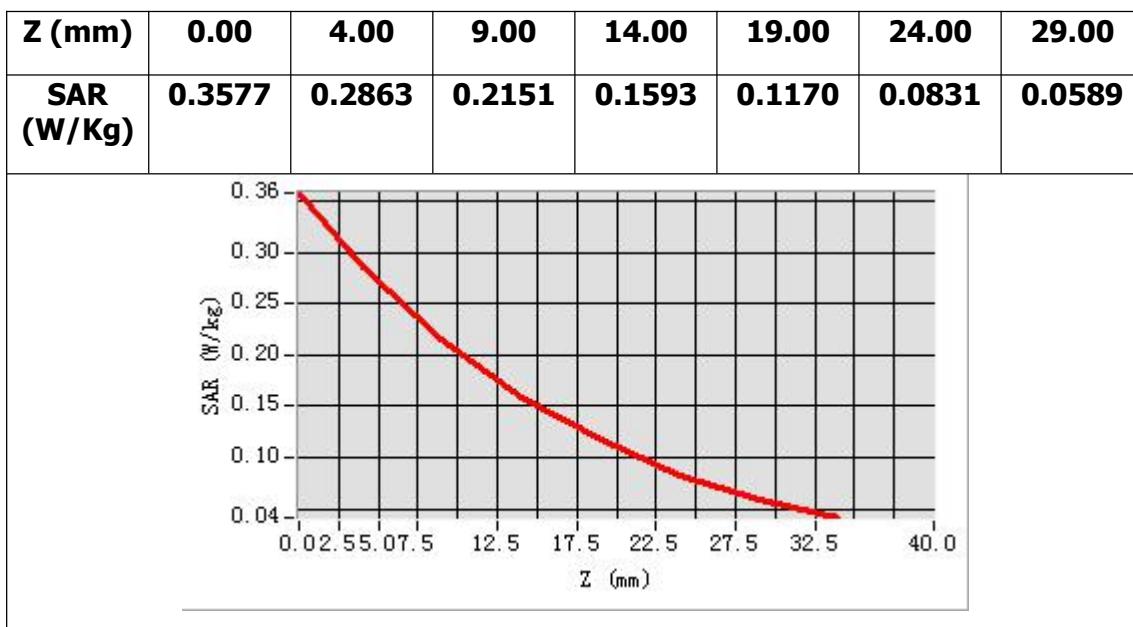
Frequency (MHz)	836.400024
Relative permittivity (real part)	53.394279
Relative permittivity (imaginary part)	21.684340
Conductivity (S/m)	1.007599
Variation (%)	1.430000



Maximum location: X=10.00, Y=19.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.222493
SAR 1g (W/Kg)	0.312291



MEASUREMENT 22

Towards-ground-high

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

Measurement duration: 10 minutes 46 seconds

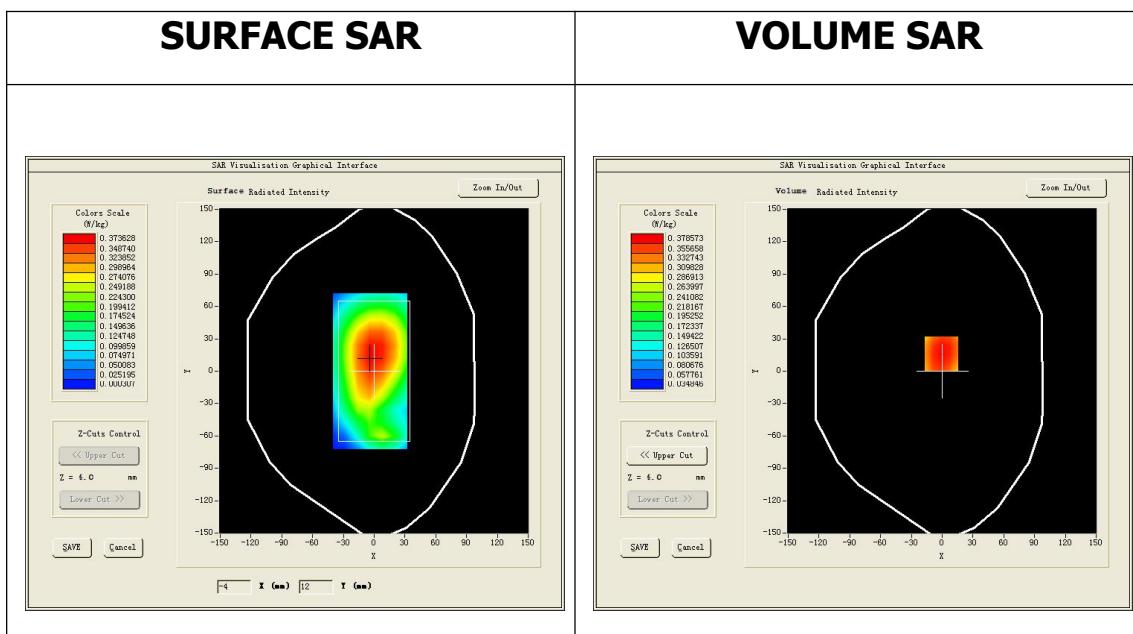
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Higher Band SAR (Channel 4233):

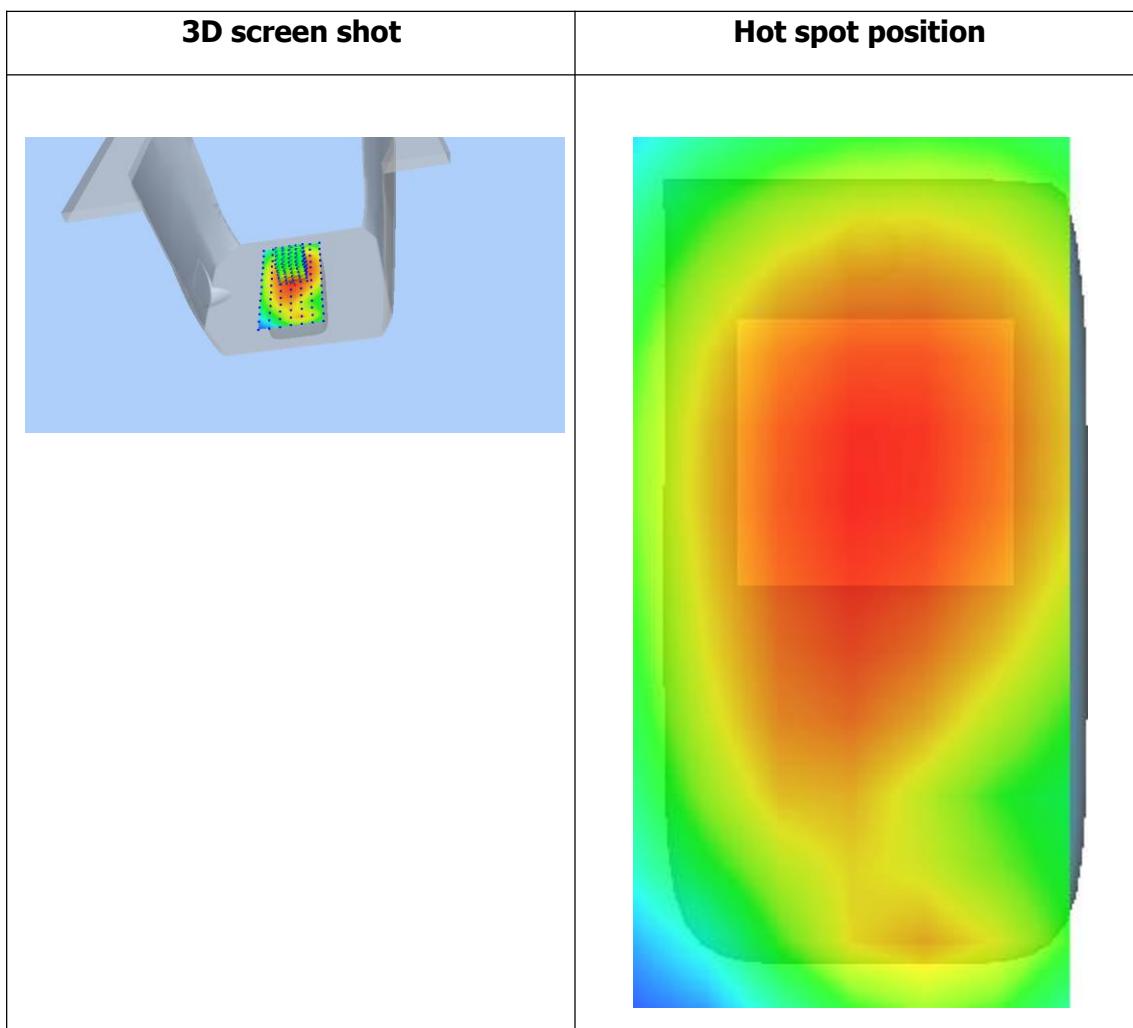
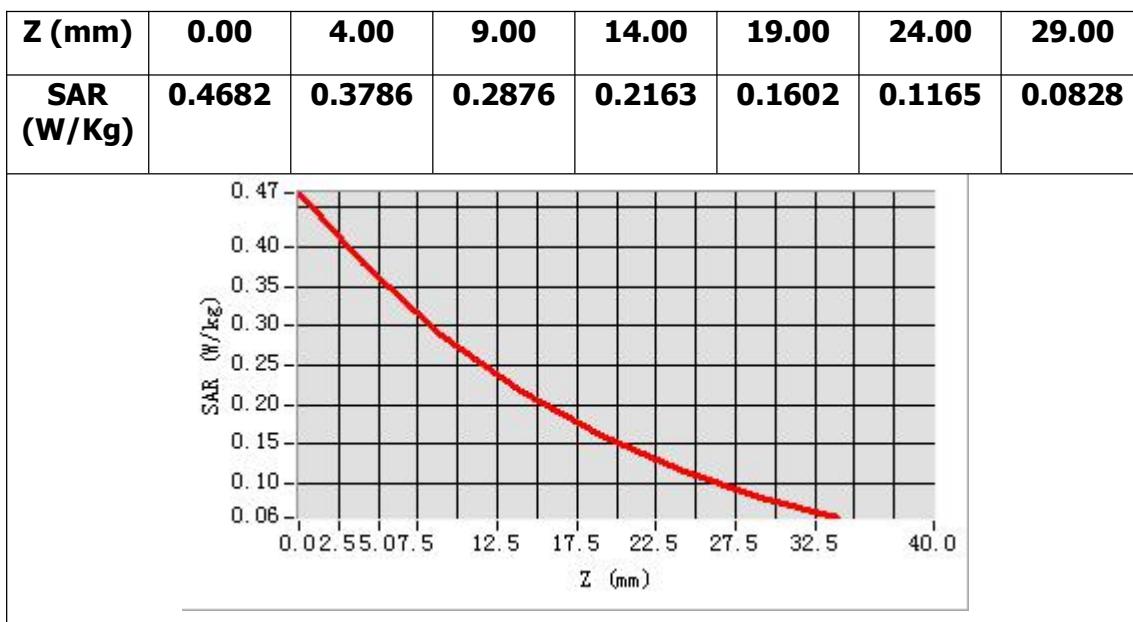
Frequency (MHz)	846.599976
Relative permittivity (real part)	53.252720
Relative permittivity (imaginary part)	21.681881
Conductivity (S/m)	1.019771
Variation (%)	0.610000



Maximum location: X=-1.00, Y=16.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.295944
SAR 1g (W/Kg)	0.410178



MEASUREMENT 23

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 44 seconds

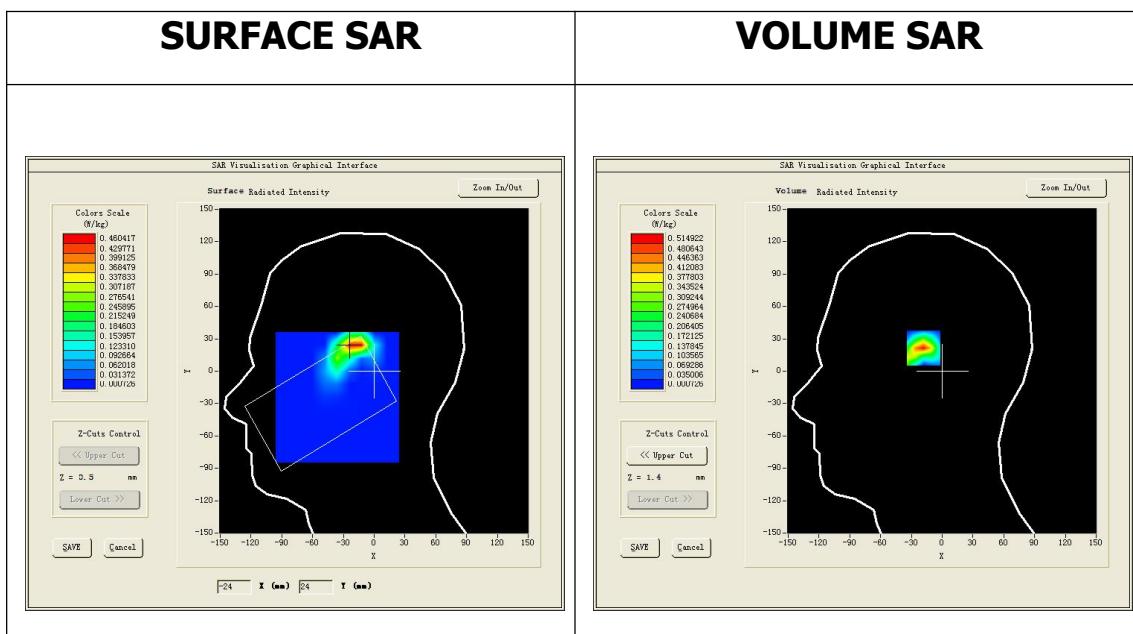
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

Lower Band SAR (Channel 1):

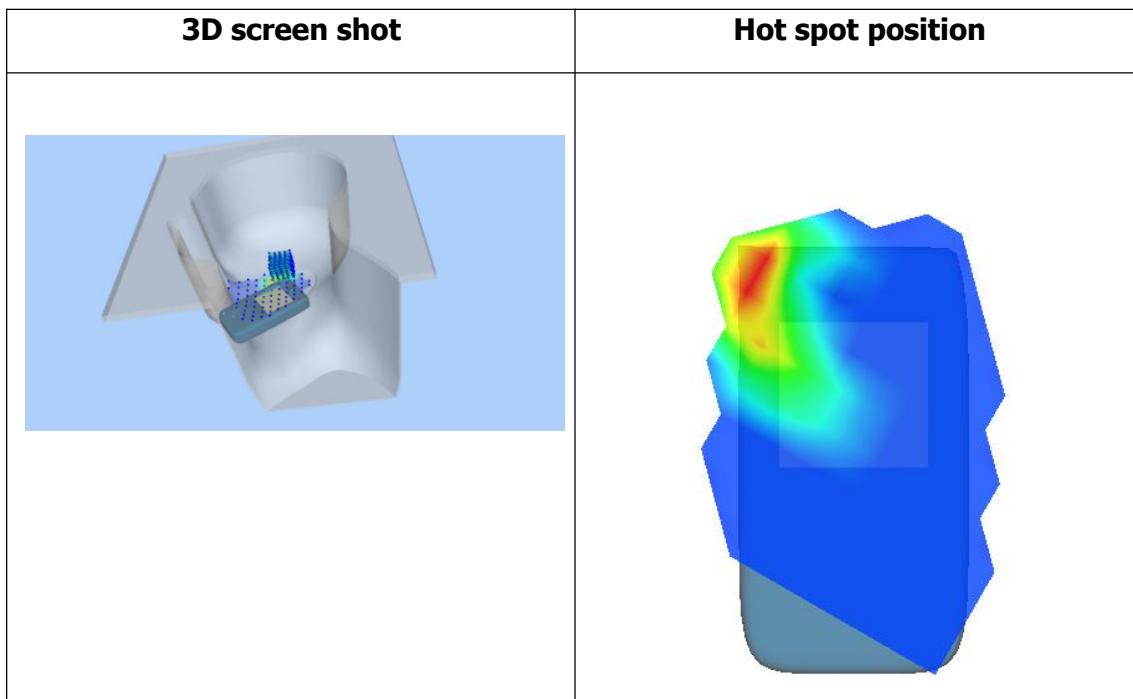
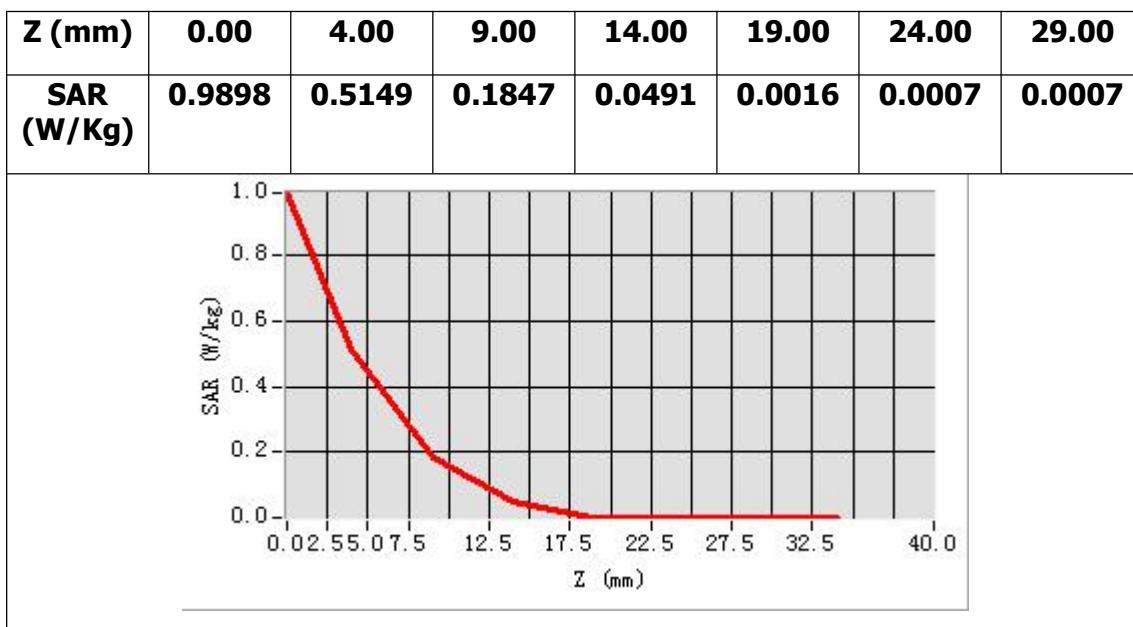
Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.499901
Relative permittivity (imaginary part)	13.038900
Conductivity (S/m)	1.747213
Variation (%)	-3.740000



Maximum location: X=-17.00, Y=25.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.163645
SAR 1g (W/Kg)	0.459044



MEASUREMENT 24

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 41 seconds

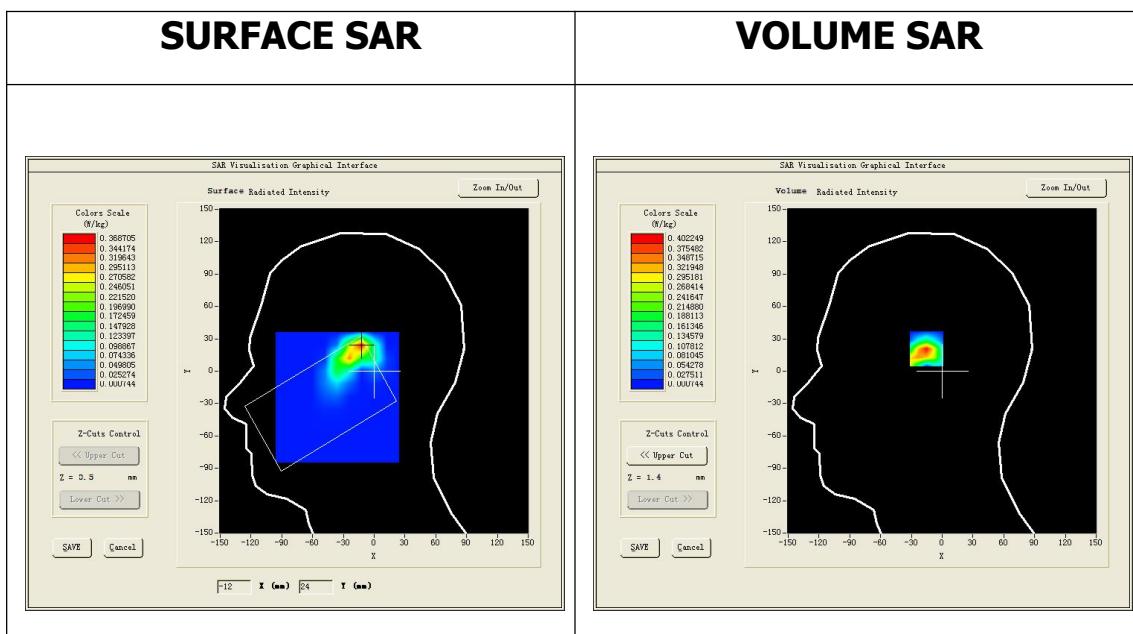
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

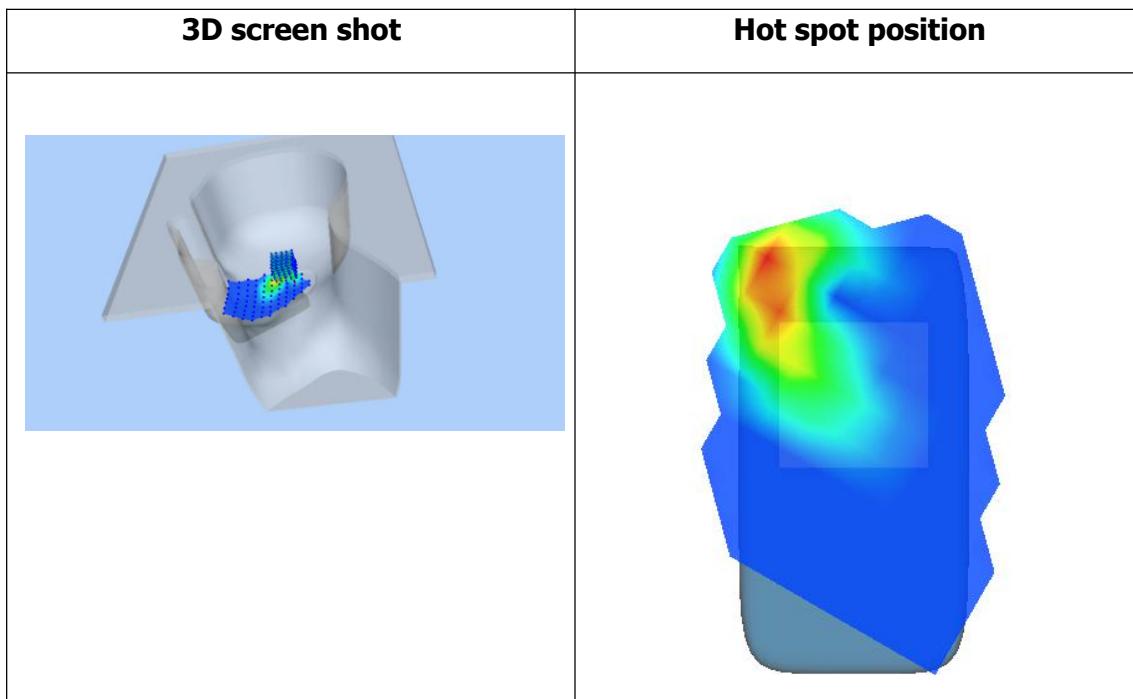
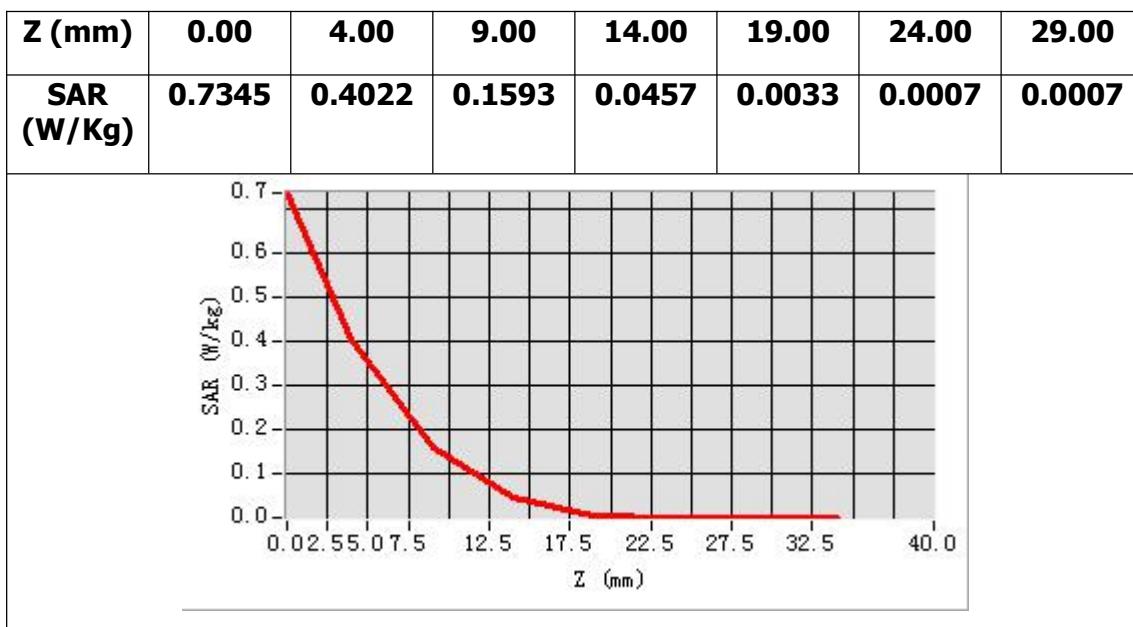
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.279701
Relative permittivity (imaginary part)	13.189900
Conductivity (S/m)	1.789430
Variation (%)	1.790000



Maximum location: X=-13.00, Y=23.00

SAR Peak: 0.79 W/kg

SAR 10g (W/Kg)	0.138360
SAR 1g (W/Kg)	0.380166



MEASUREMENT 25

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 9 minutes 3 seconds

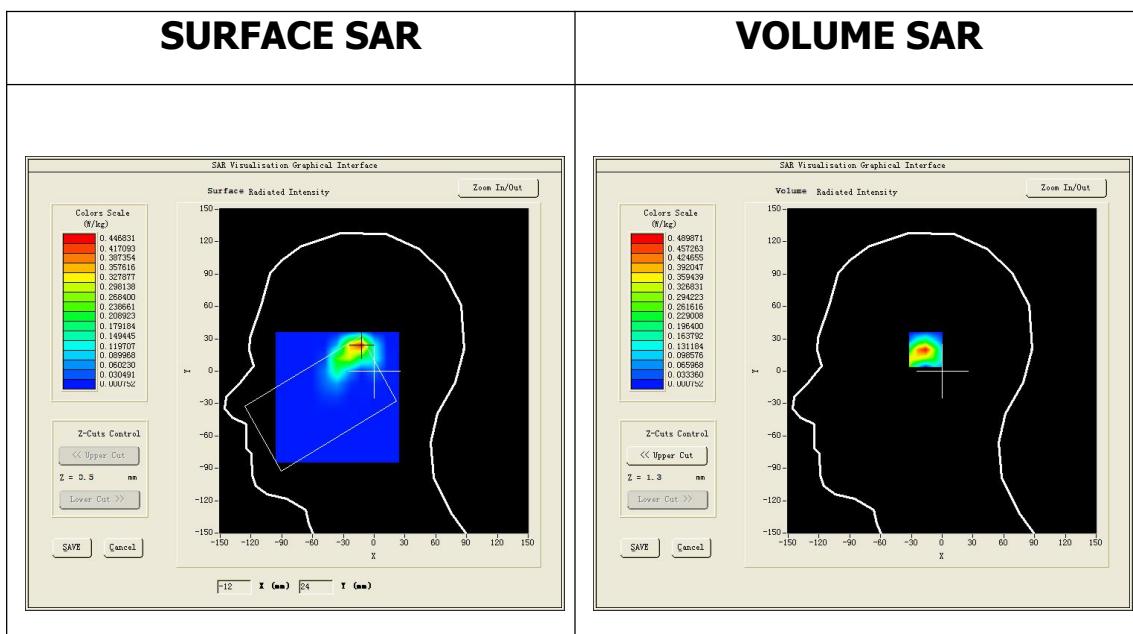
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

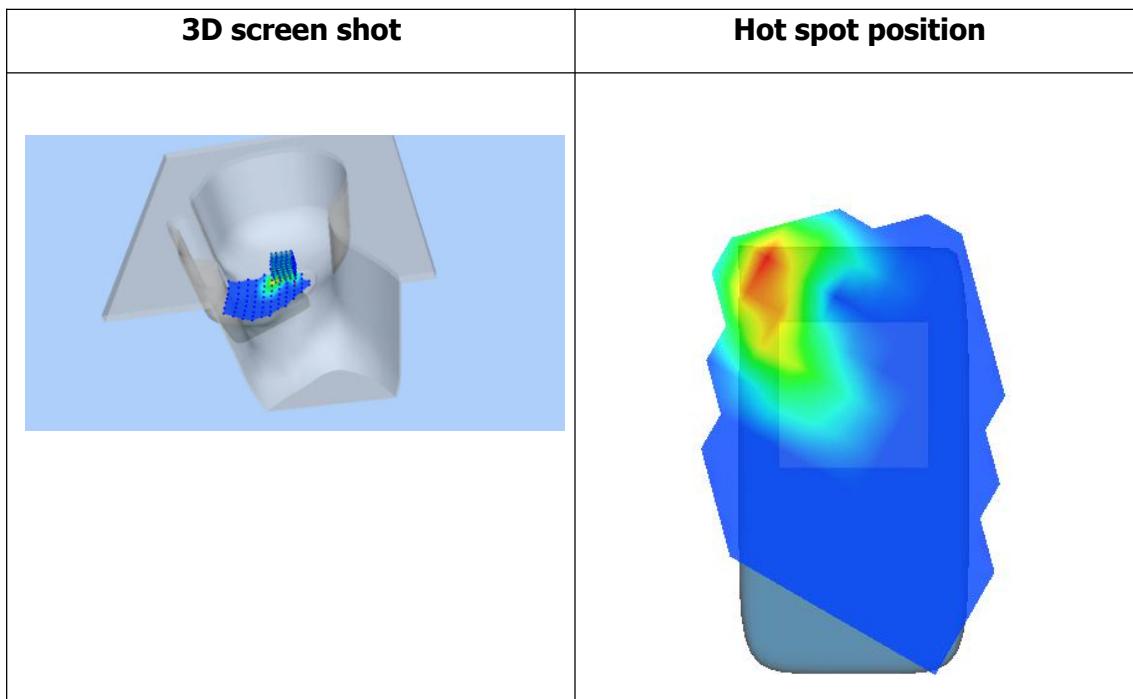
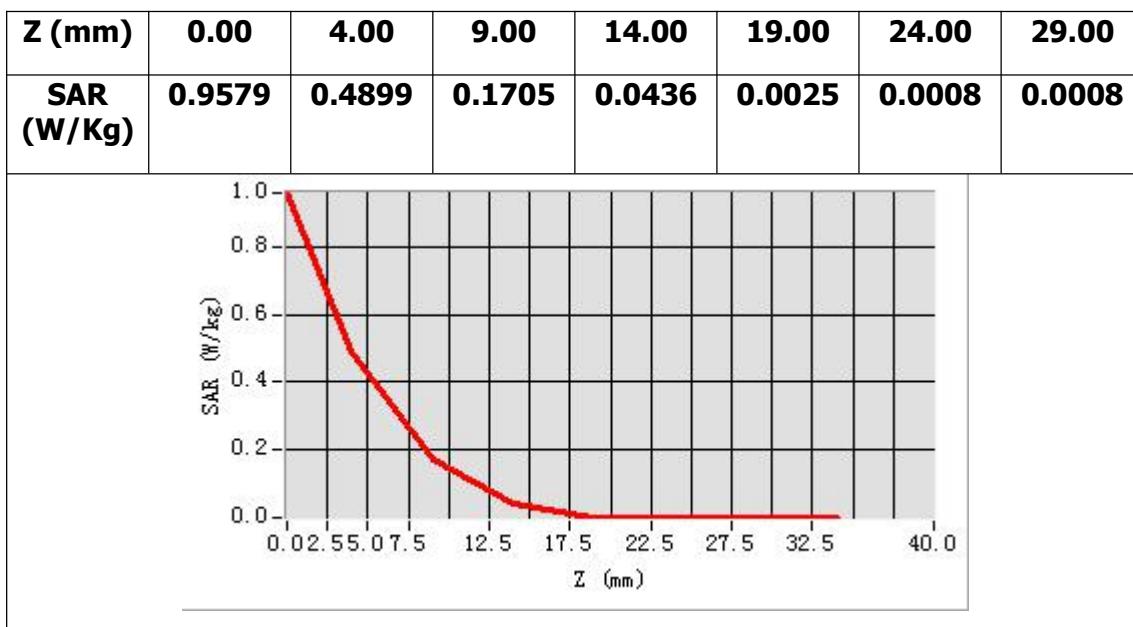
Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.265701
Relative permittivity (imaginary part)	13.183100
Conductivity (S/m)	1.810479
Variation (%)	2.230000



Maximum location: X=-14.00, Y=23.00

SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.158877
SAR 1g (W/Kg)	0.452429



MEASUREMENT 26

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 37 seconds

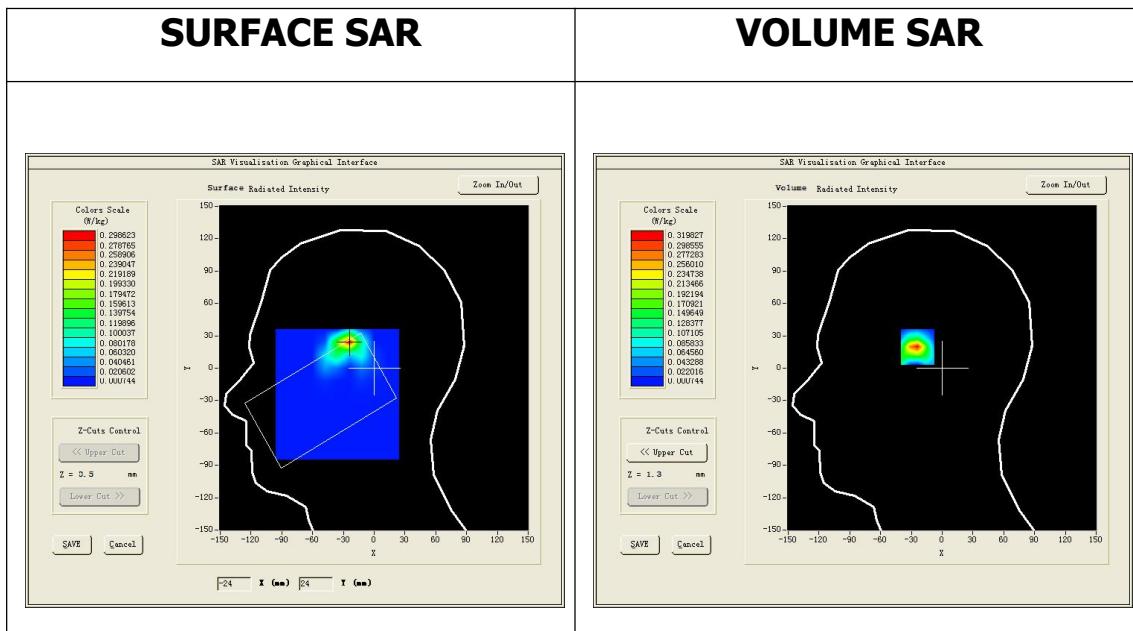
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

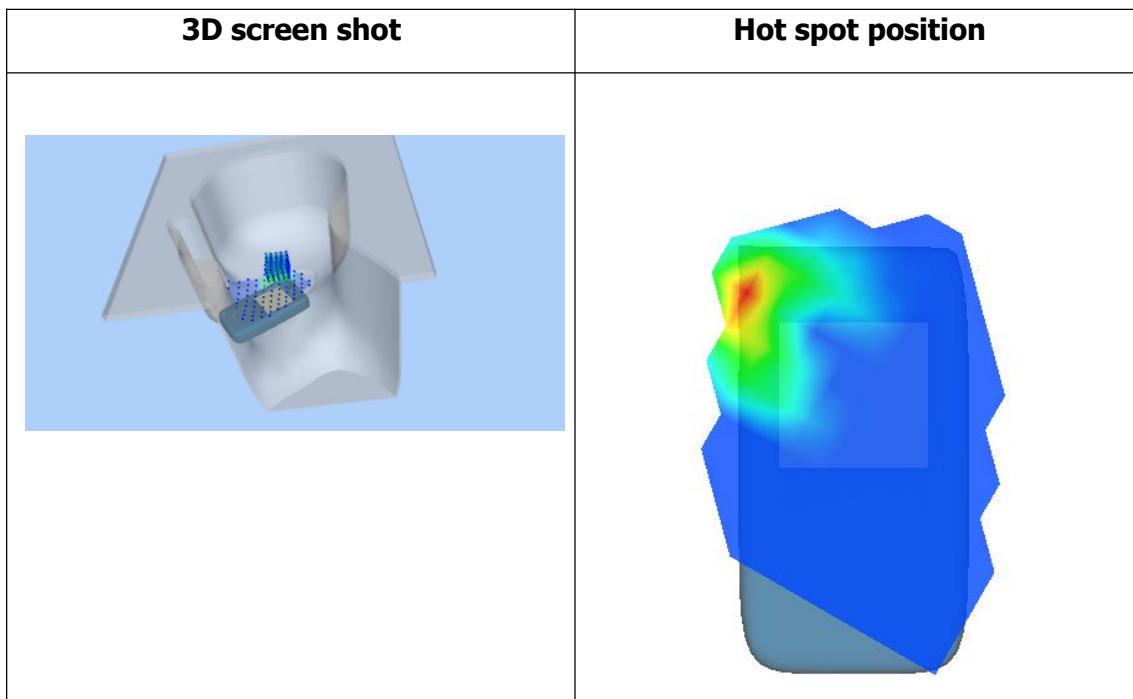
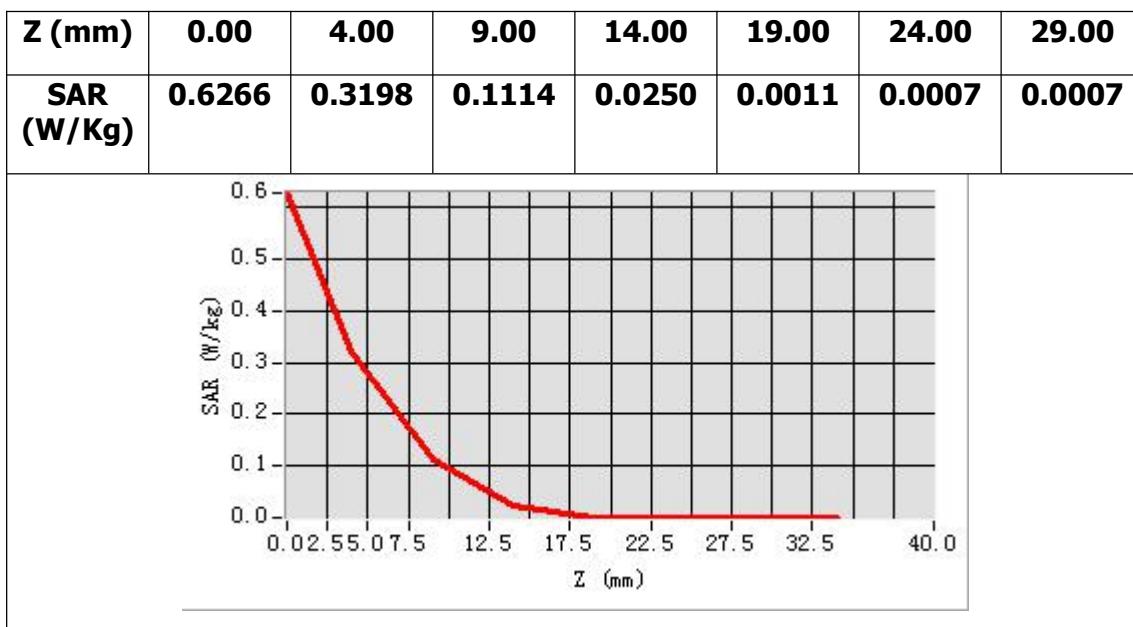
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.279701
Relative permittivity (imaginary part)	13.189900
Conductivity (S/m)	1.789430
Variation (%)	0.120000



Maximum location: X=-24.00, Y=24.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.097360
SAR 1g (W/Kg)	0.287561



MEASUREMENT 27

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 54 seconds

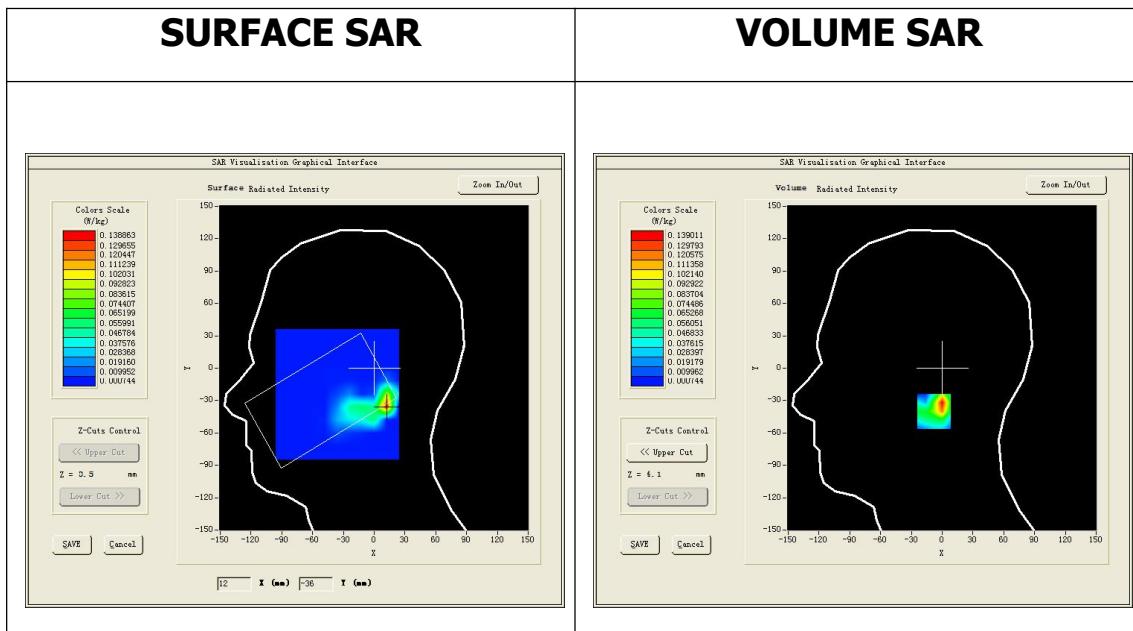
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

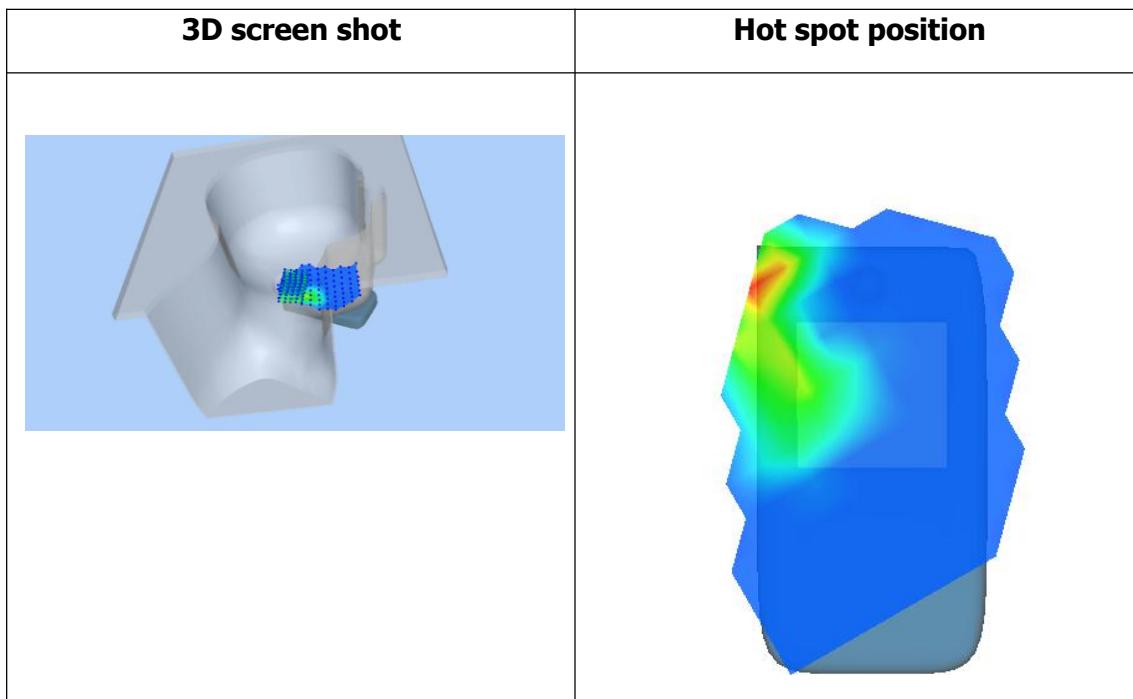
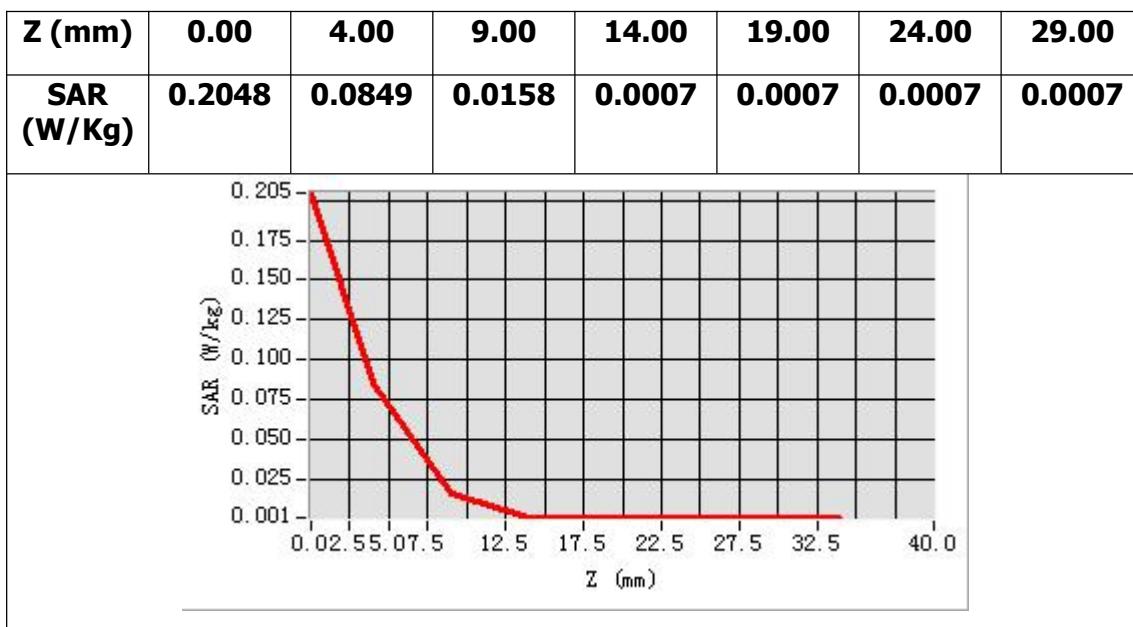
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.279701
Relative permittivity (imaginary part)	13.189900
Conductivity (S/m)	1.789430
Variation (%)	0.000000



Maximum location: X=5.00, Y=-40.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.041852
SAR 1g (W/Kg)	0.131563



MEASUREMENT 28

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 9 minutes 19 seconds

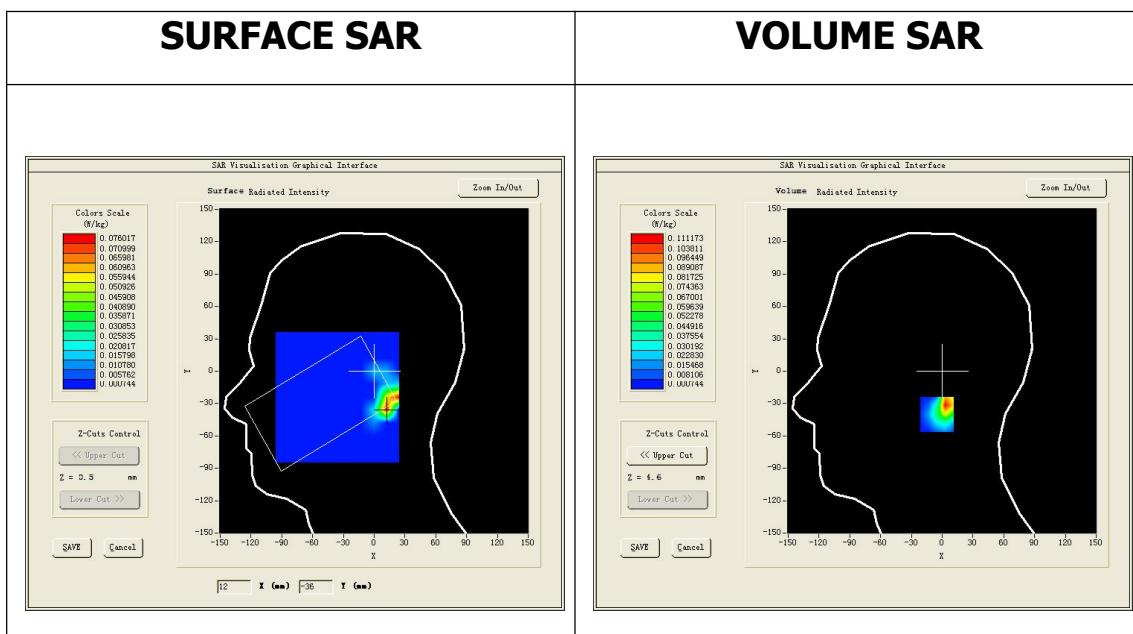
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.00</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

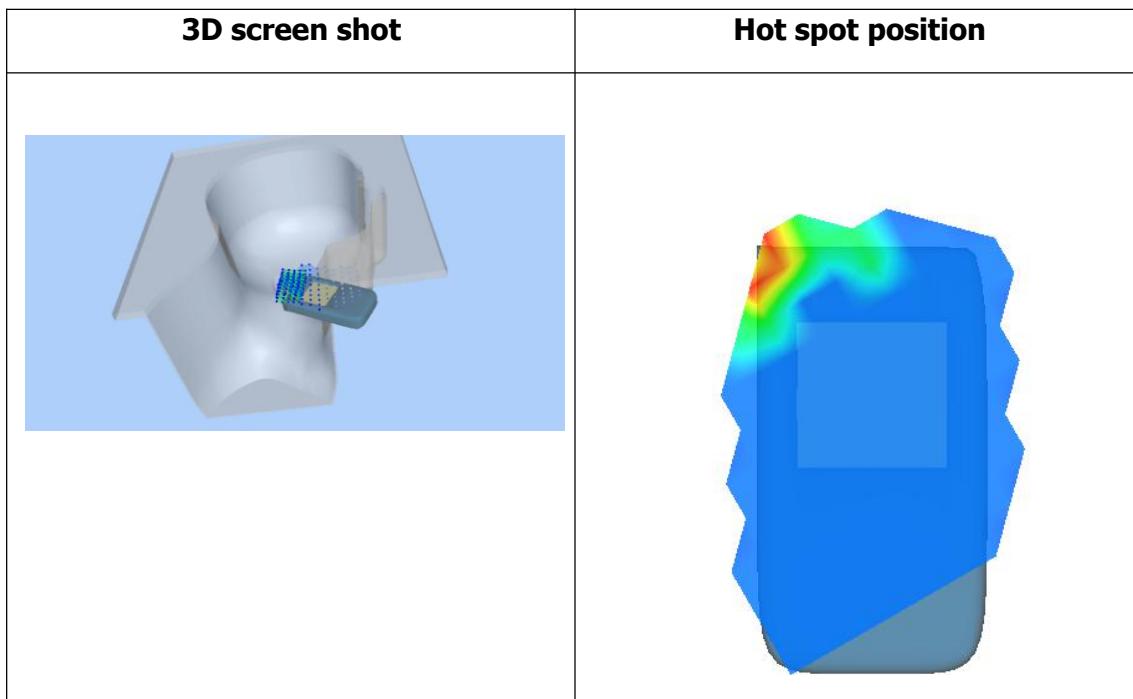
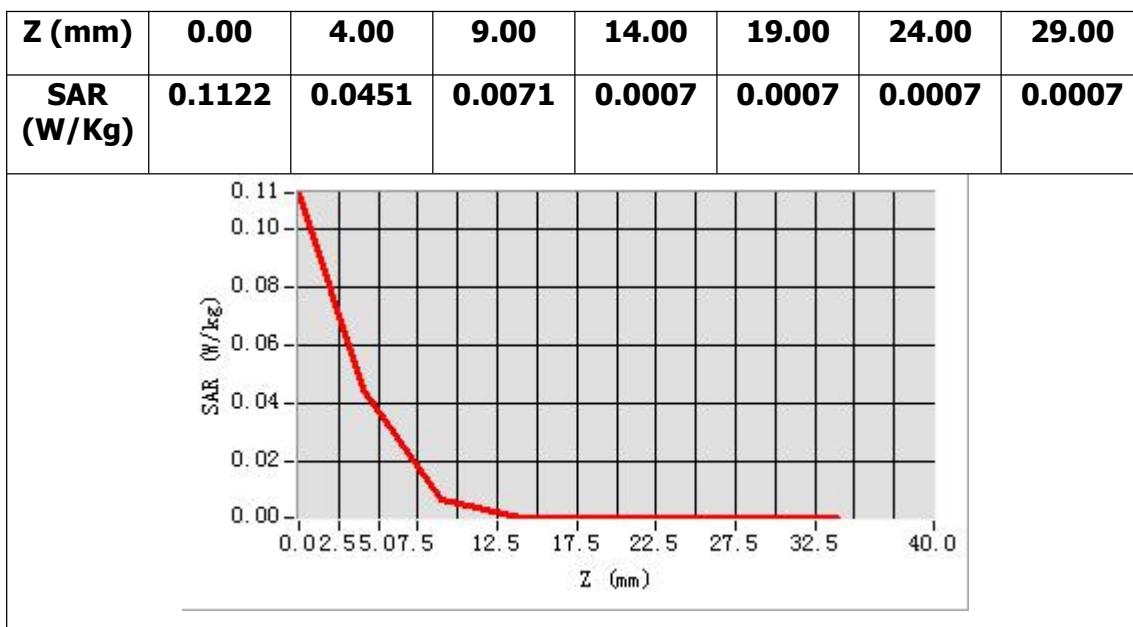
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.279701
Relative permittivity (imaginary part)	13.189900
Conductivity (S/m)	1.789430
Variation (%)	2.900000



Maximum location: X=8.00, Y=-40.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.032740
SAR 1g (W/Kg)	0.105960



MEASUREMENT 29

Towards Ground-low

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 37 seconds

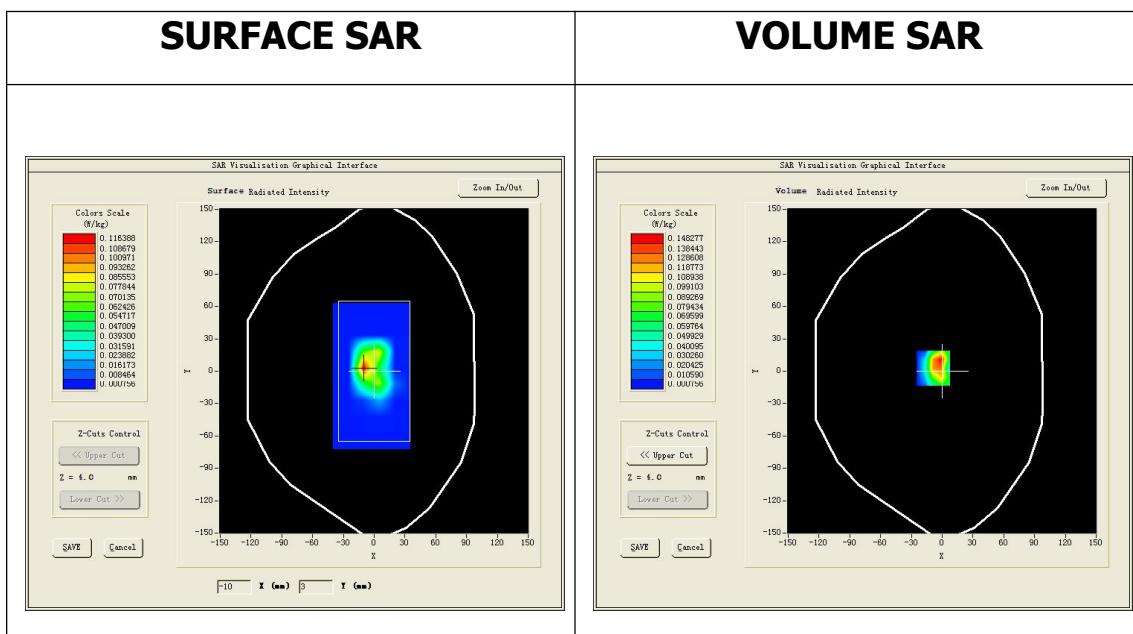
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

B. SAR Measurement Results

Lower Band SAR (Channel 1):

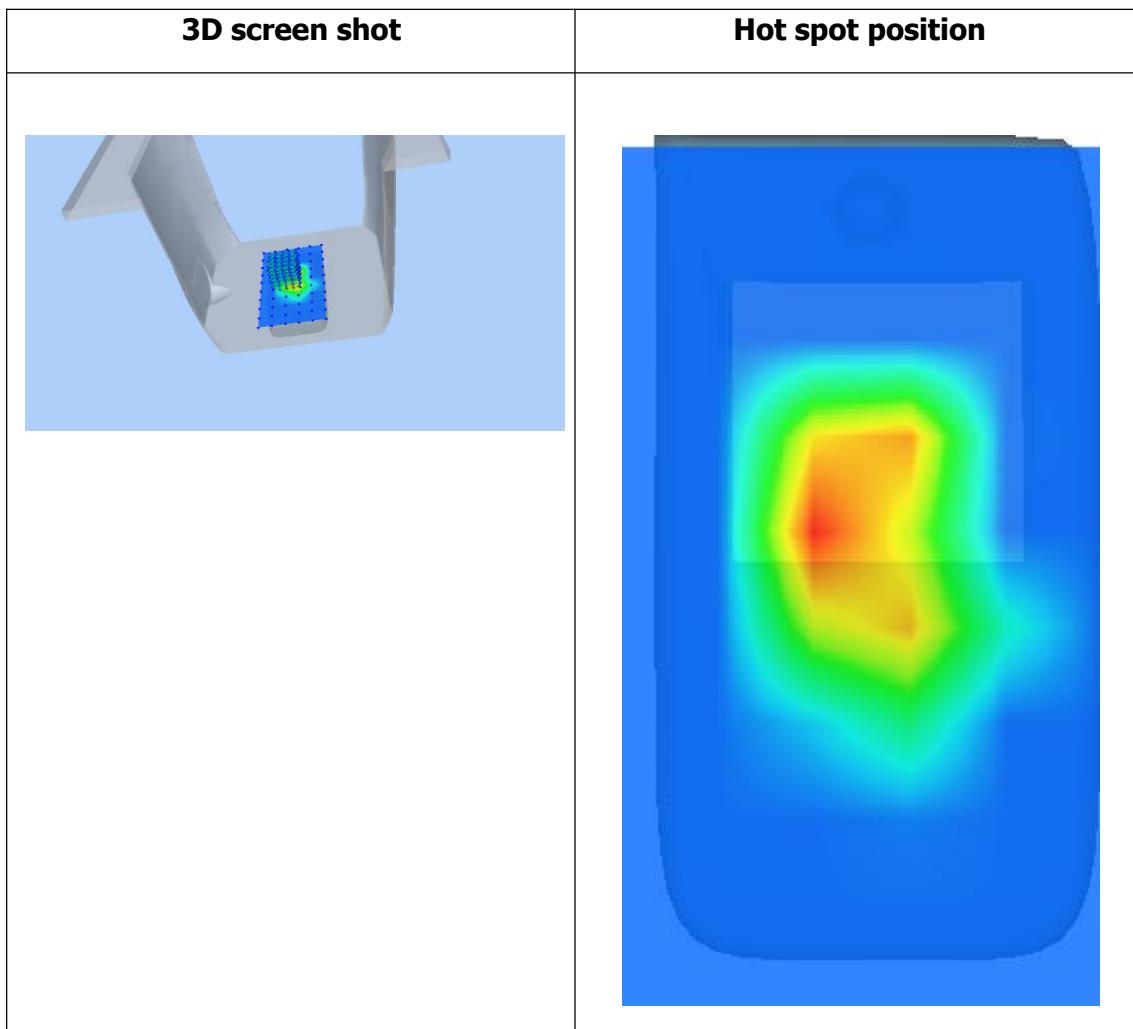
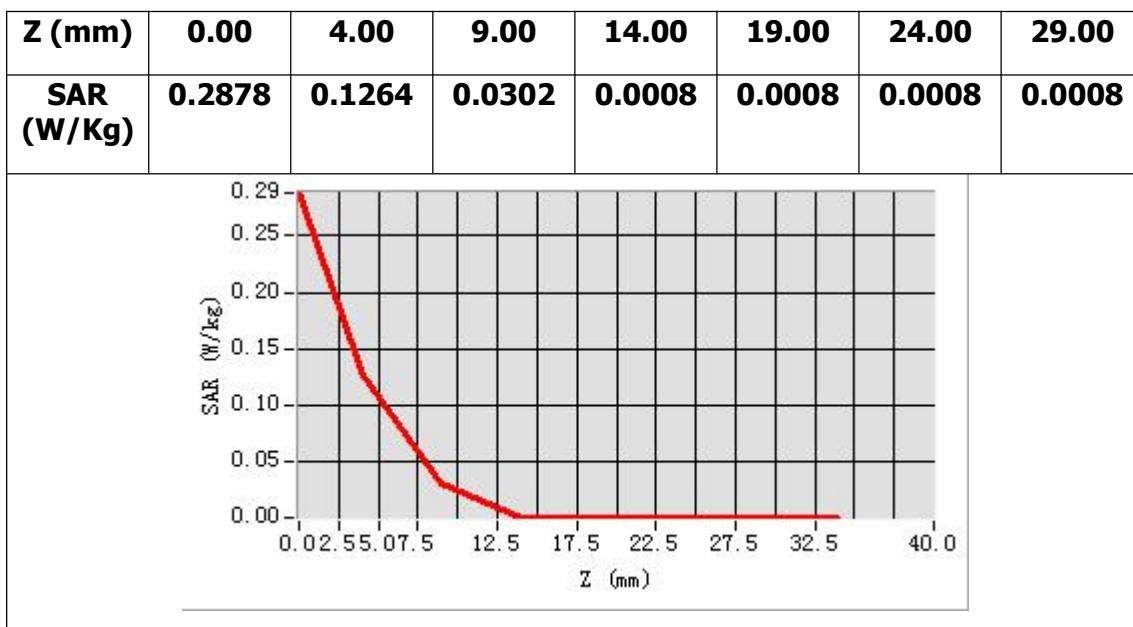
Frequency (MHz)	2412.000000
Relative permittivity (real part)	51.257198
Relative permittivity (imaginary part)	14.393300
Conductivity (S/m)	1.928702
Variation (%)	0.740000



Maximum location: X=-9.00, Y=3.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.054948
SAR 1g (W/Kg)	0.169390



MEASUREMENT 30

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 7 minutes 48 seconds

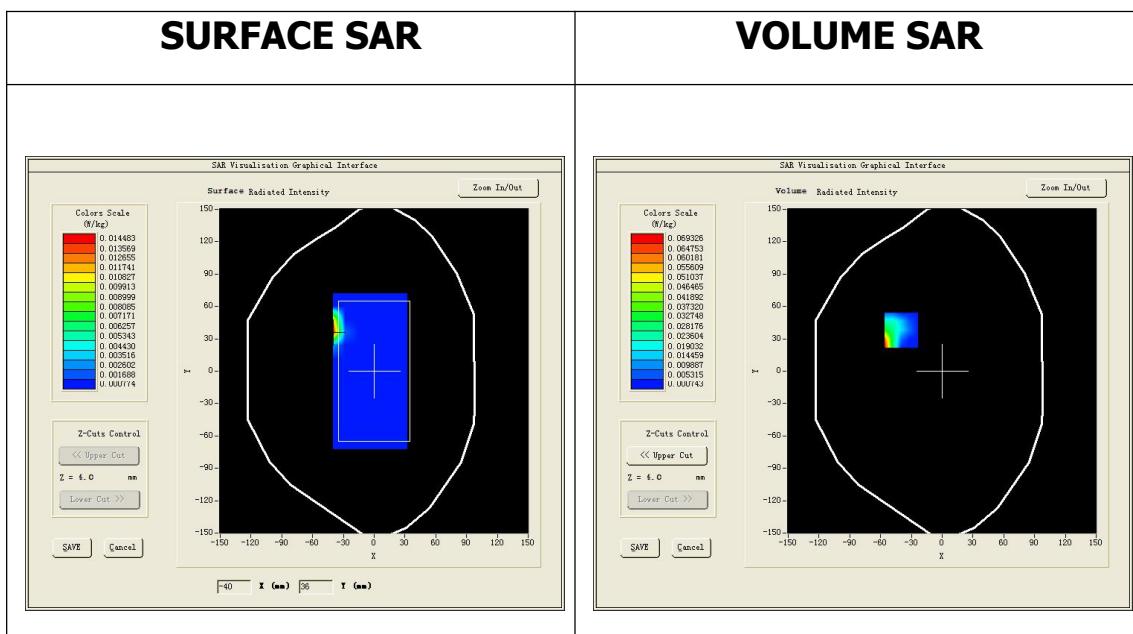
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

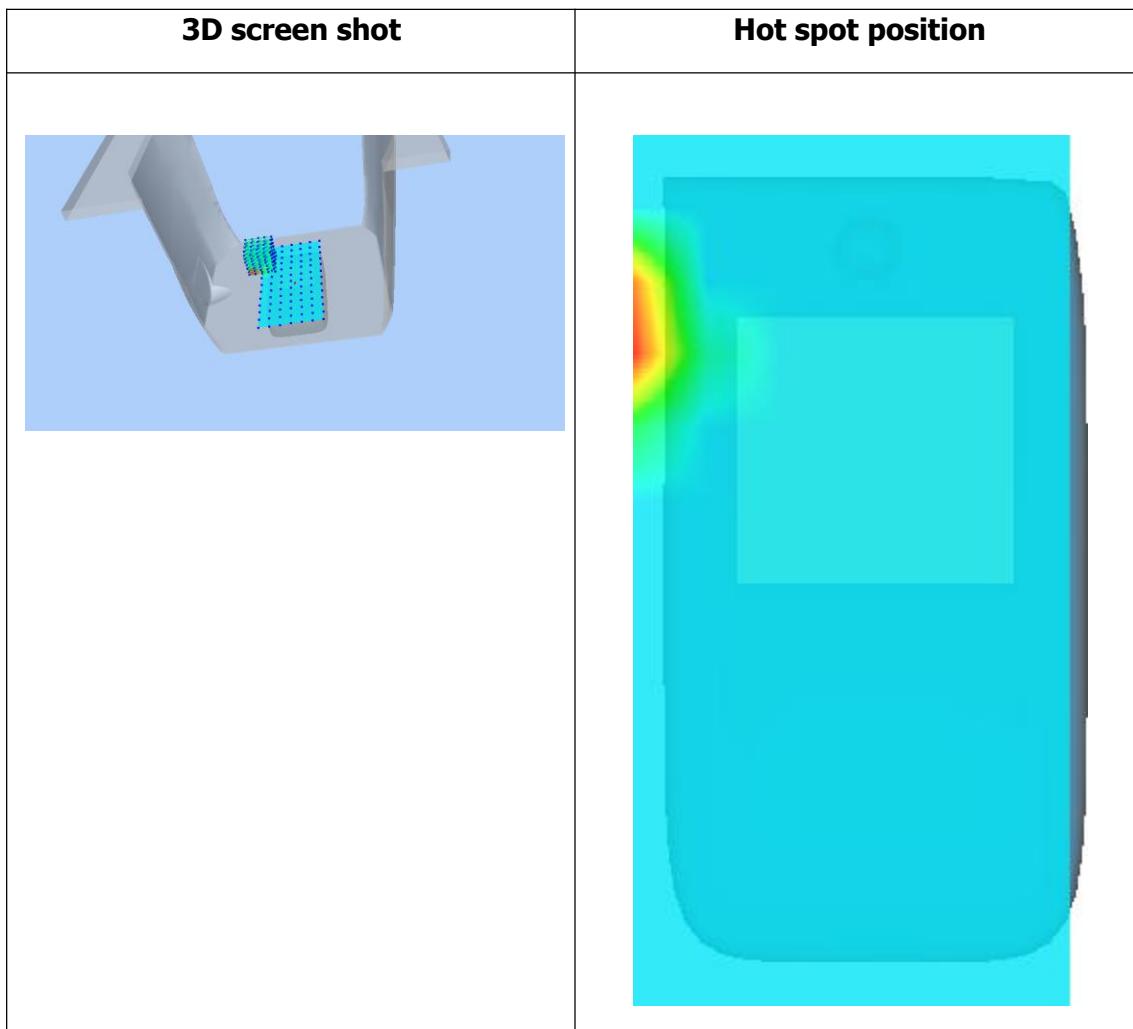
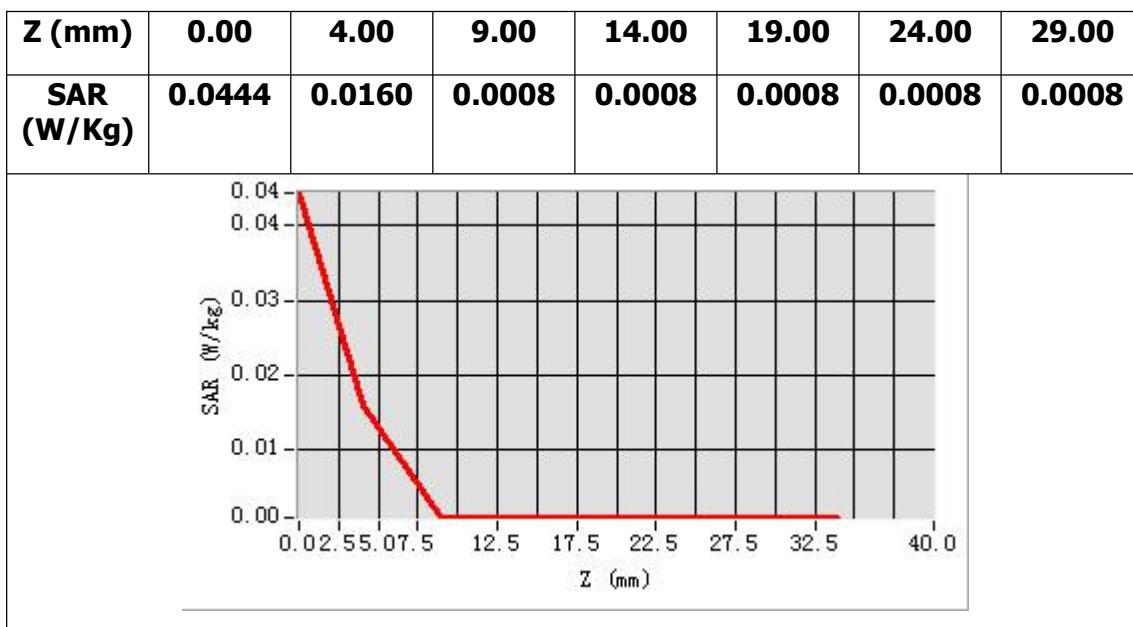
Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.915798
Relative permittivity (imaginary part)	14.315100
Conductivity (S/m)	1.942082
Variation (%)	0.000000



Maximum location: X=-40.00, Y=38.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.013769
SAR 1g (W/Kg)	0.164226



MEASUREMENT 31

Towards Ground-middle

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 8 minutes 11 seconds

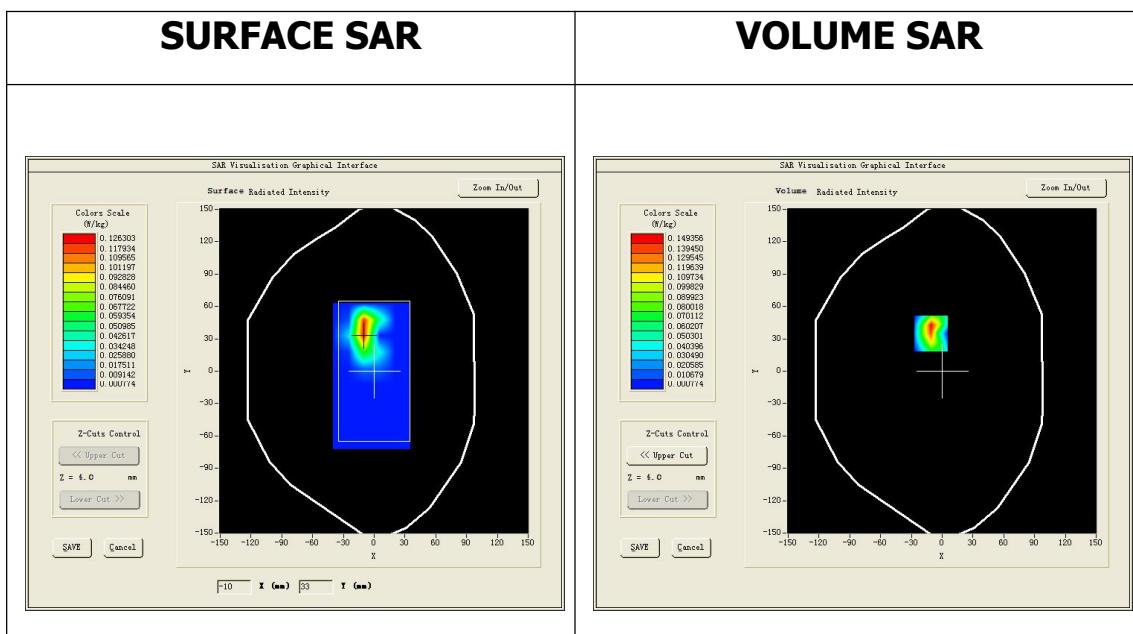
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

B. SAR Measurement Results

Middle Band SAR (Channel 6):

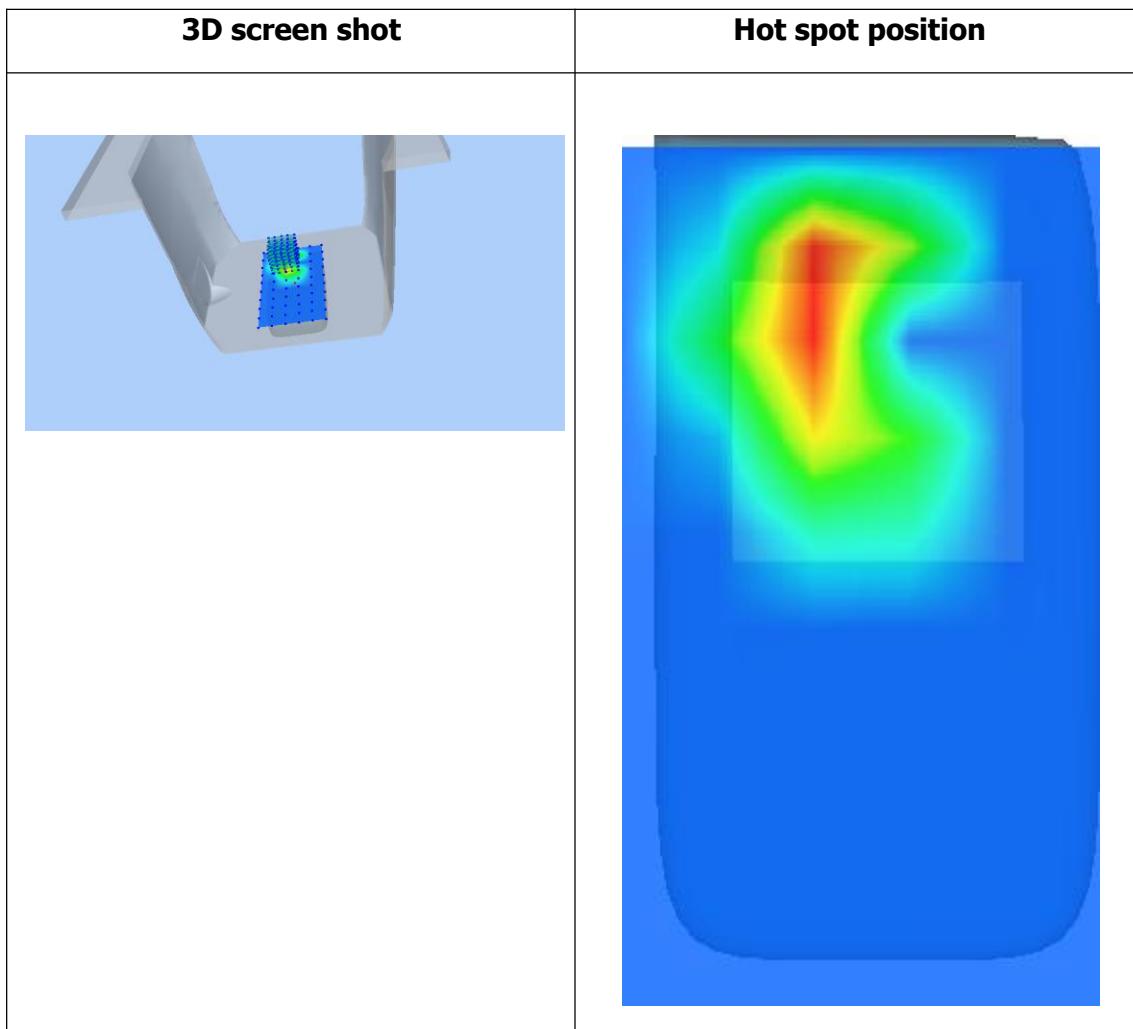
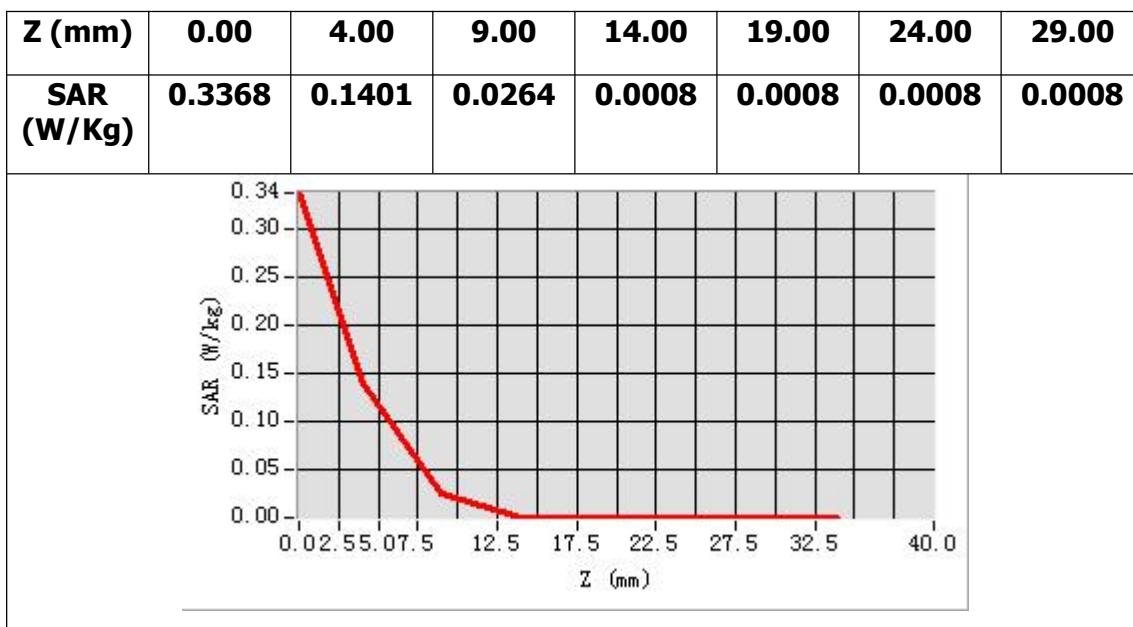
Frequency (MHz)	2437.000000
Relative permittivity (real part)	52.915798
Relative permittivity (imaginary part)	14.315100
Conductivity (S/m)	1.942082
Variation (%)	1.210000



Maximum location: X=-11.00, Y=35.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.050484
SAR 1g (W/Kg)	0.159280



MEASUREMENT 32

Towards-phantom-high

Type: Phone measurement (Complete)

Date of measurement: 22/8/2016

Measurement duration: 10 minutes 36 seconds

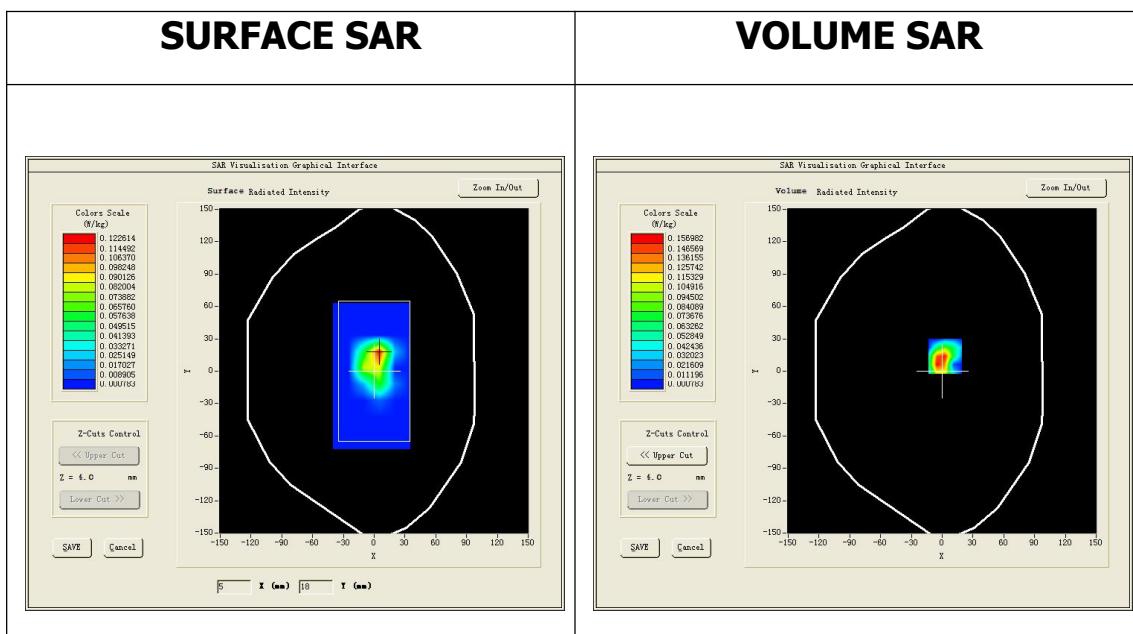
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>Conversion factor</u>	<u>4.11</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

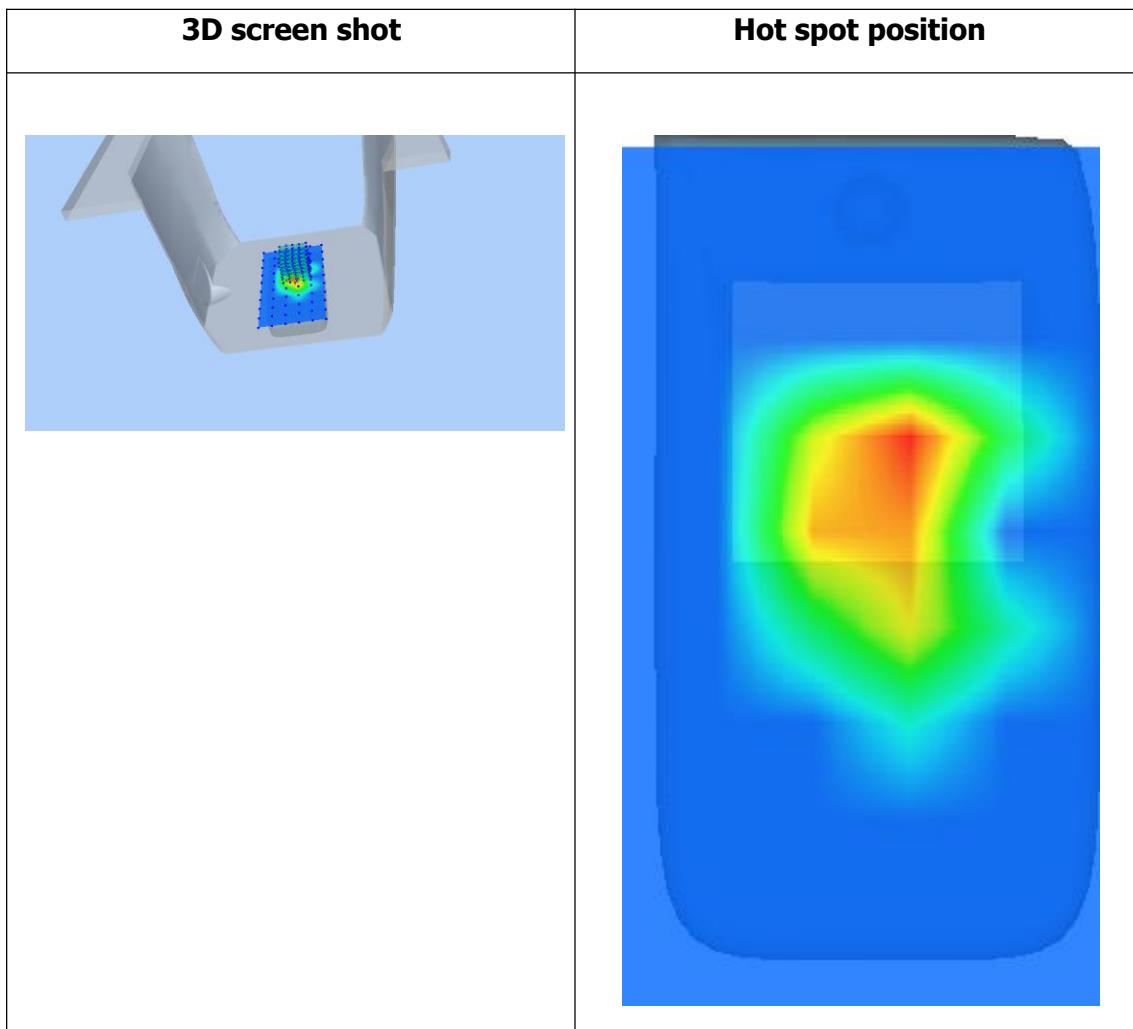
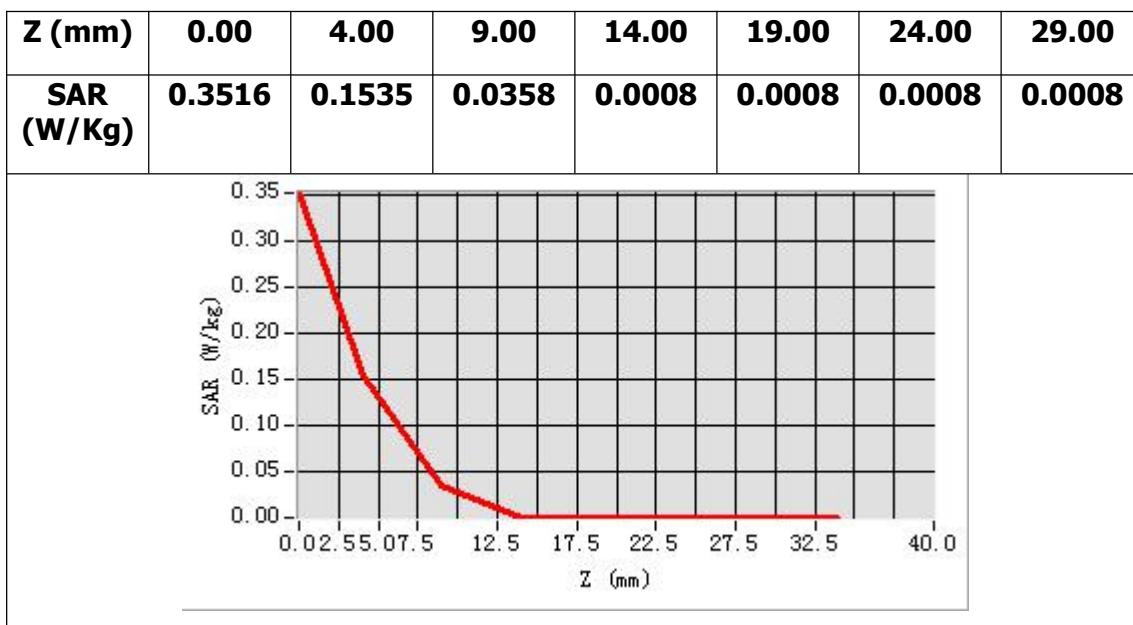
Frequency (MHz)	2462.000000
Relative permittivity (real part)	55.097698
Relative permittivity (imaginary part)	12.224000
Conductivity (S/m)	1.678763
Variation (%)	4.800000



Maximum location: X=3.00, Y=14.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.049851
SAR 1g (W/Kg)	0.158863



MEASUREMENT 33

Towards-ground-low

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

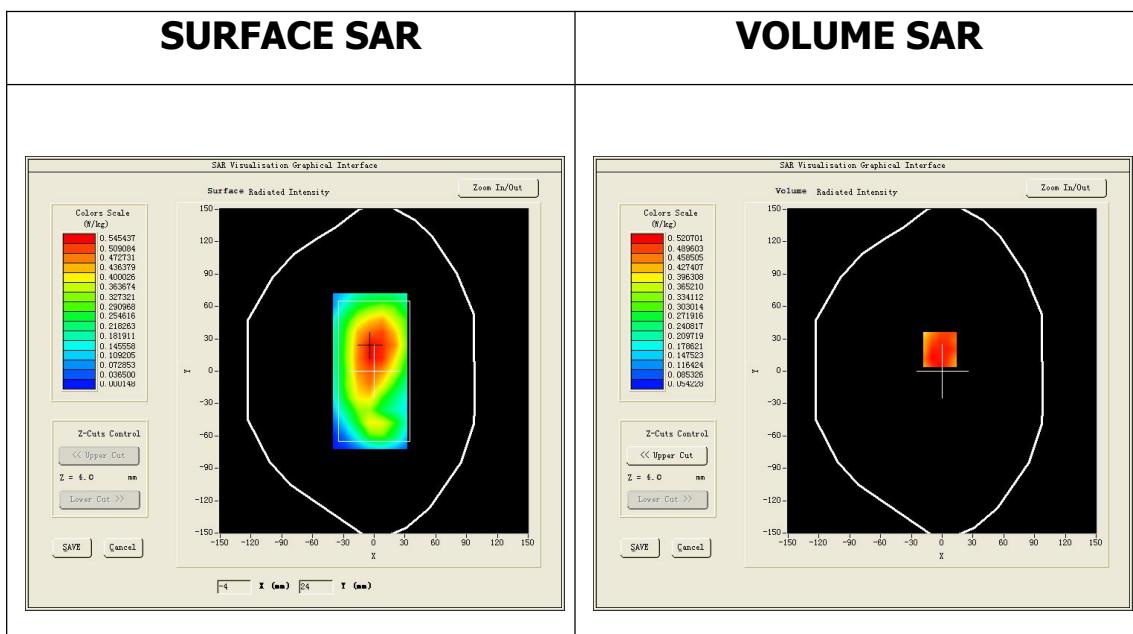
Measurement duration: 10 minutes 38 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

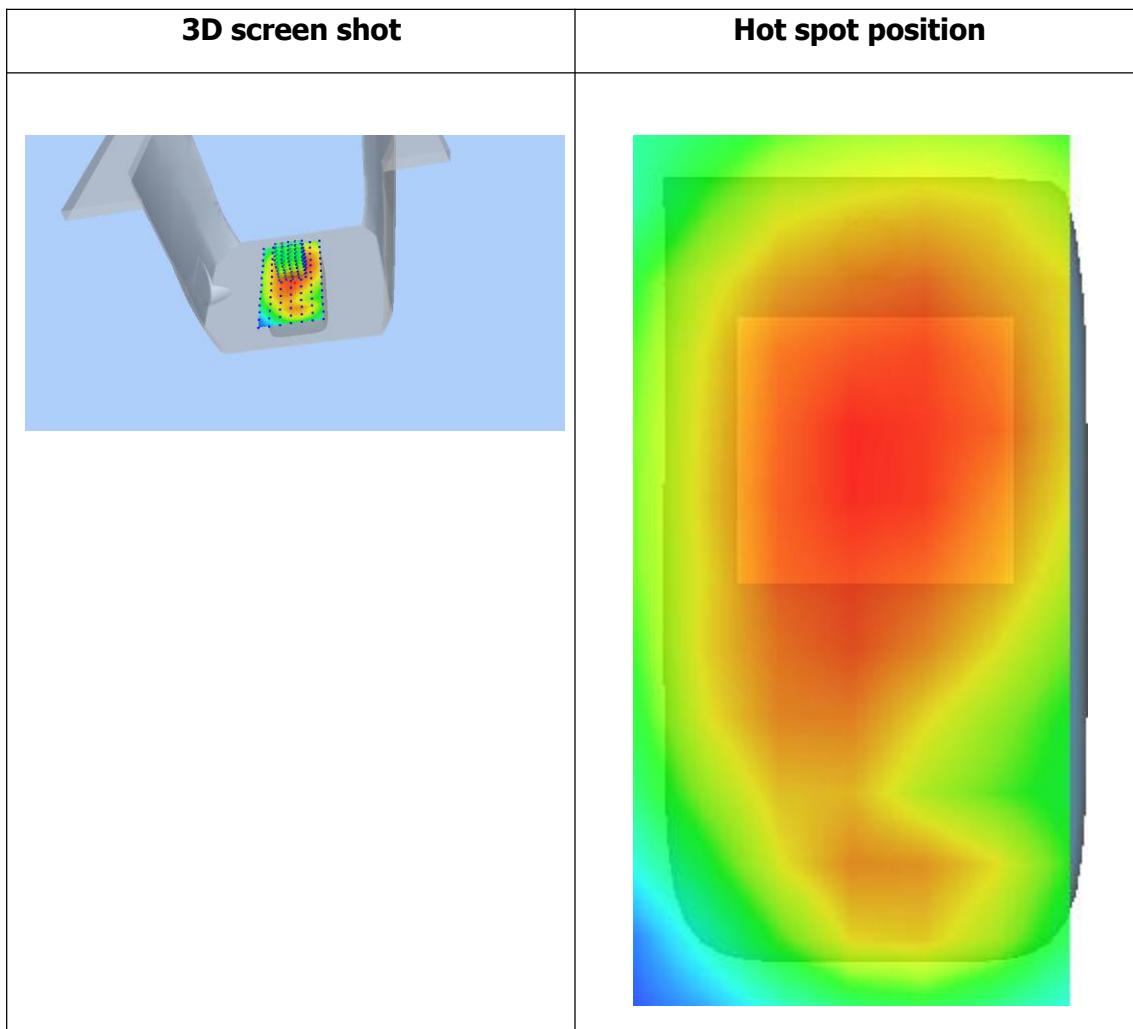
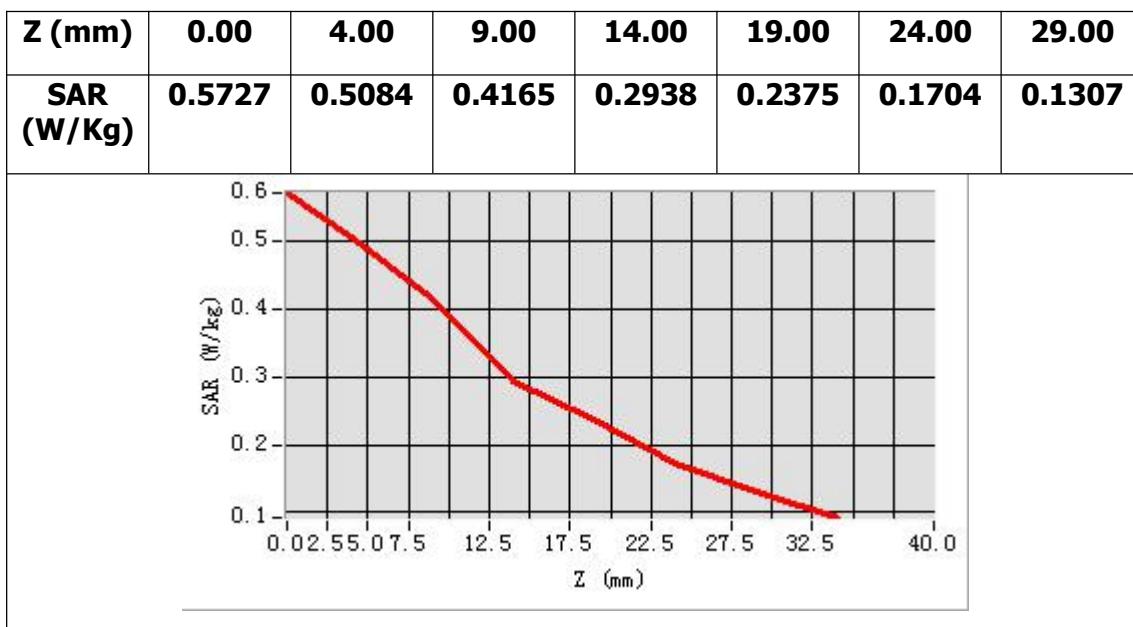
Frequency (MHz)	824.200012
Relative permittivity (real part)	53.651520
Relative permittivity (imaginary part)	21.683880
Conductivity (S/m)	0.992881
Variation (%)	-1.580000



Maximum location: X=-2.00, Y=20.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.378634
SAR 1g (W/Kg)	0.521302



MEASUREMENT 34

Towards-ground-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

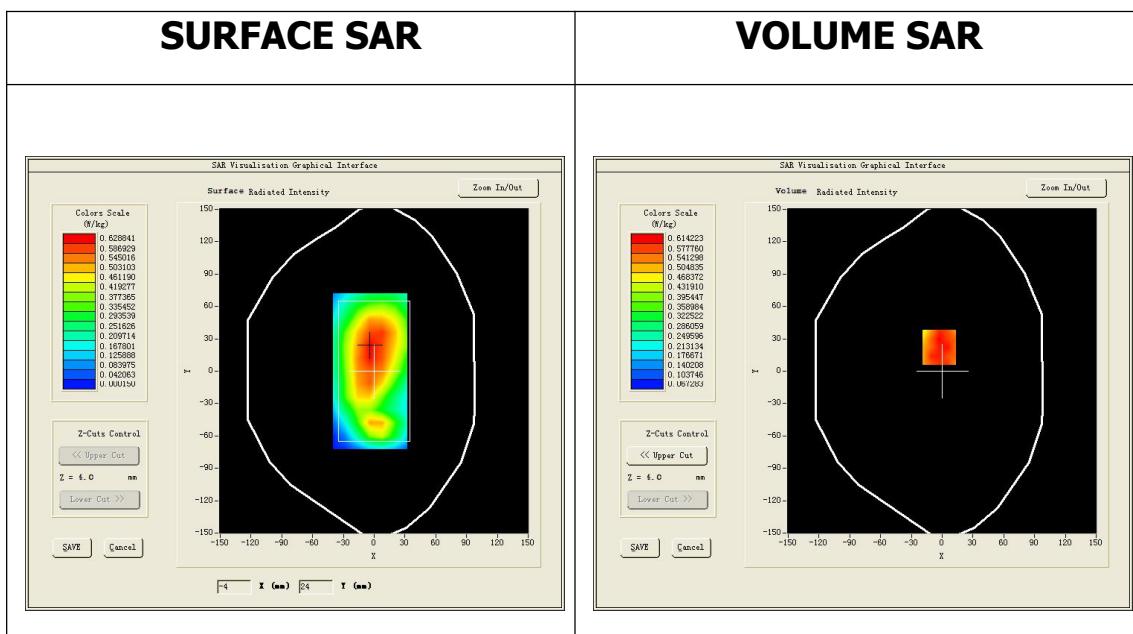
Measurement duration: 10 minutes 27 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

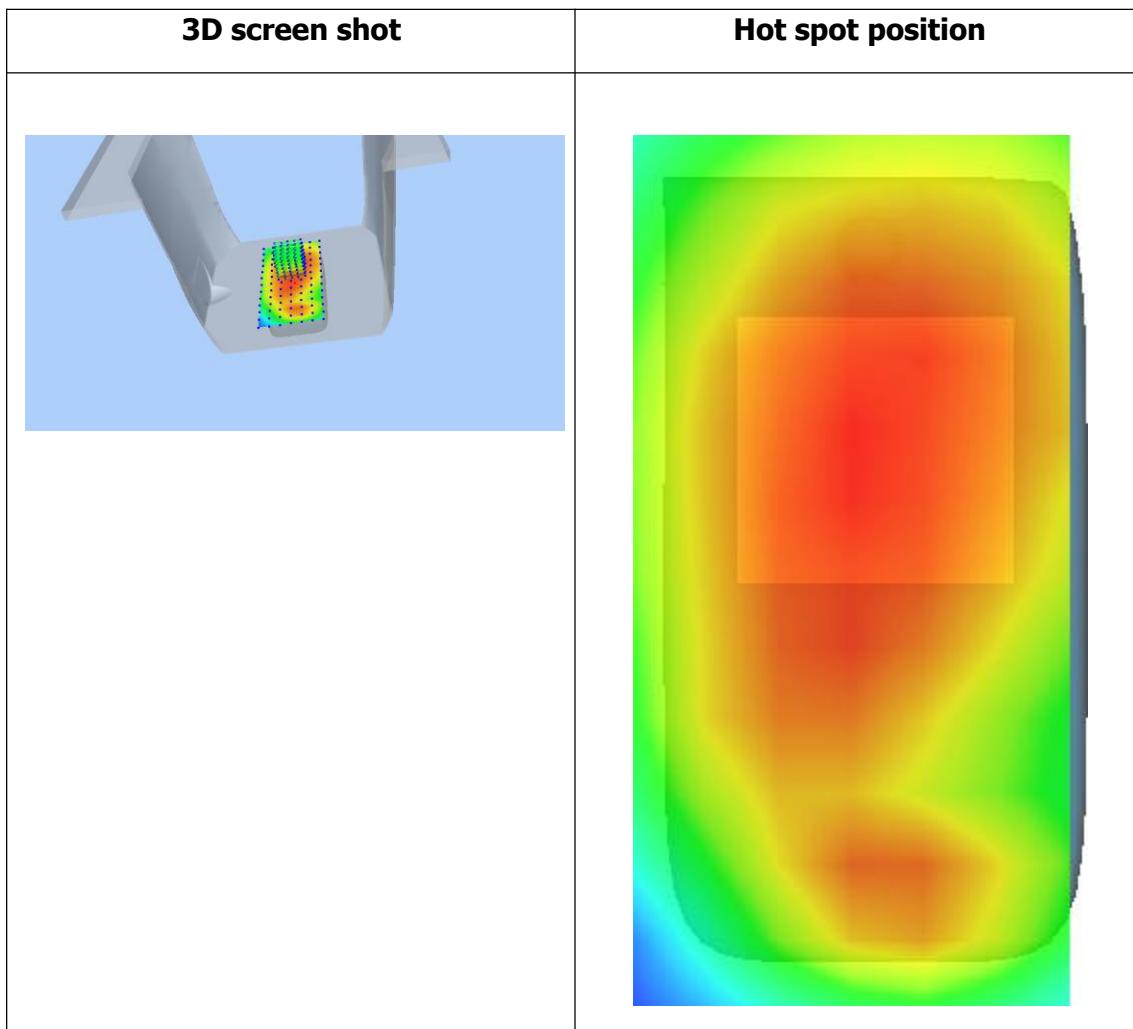
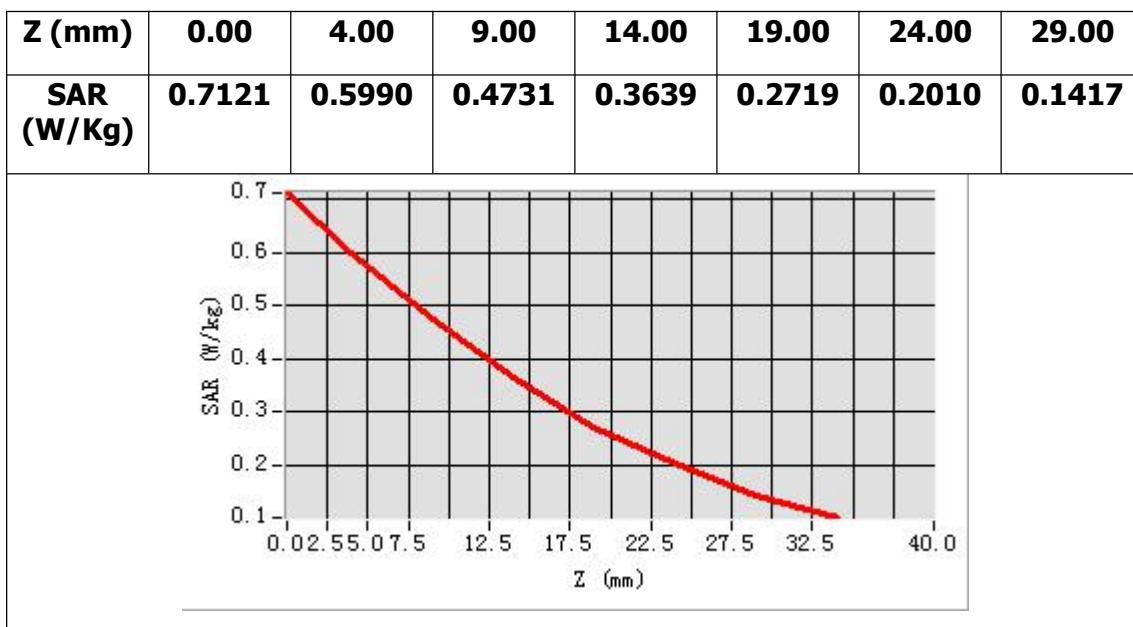
Frequency (MHz)	836.599976
Relative permittivity (real part)	53.395020
Relative permittivity (imaginary part)	21.690760
Conductivity (S/m)	1.008138
Variation (%)	3.180000



Maximum location: X=-3.00, Y=22.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.445415
SAR 1g (W/Kg)	0.619435



MEASUREMENT 35

Towards-phantom-middle

Type: Phone measurement (Complete)

Date of measurement: 23/8/2016

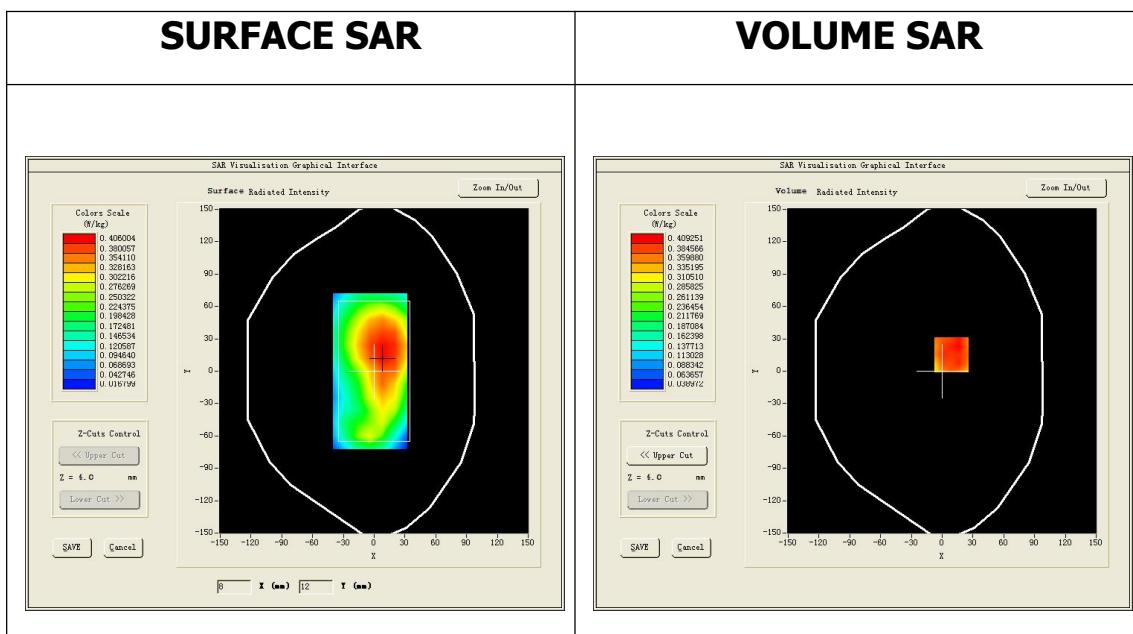
Measurement duration: 12 minutes 28 seconds

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (GPRS850 4Tx)</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>Duty Cycle: 2.00 (Crest factor: 2.0)</u>
<u>Conversion factor</u>	<u>5.07</u>

B. SAR Measurement Results

Frequency (MHz)	836.599976
Relative permittivity (real part)	53.395020
Relative permittivity (imaginary part)	21.690760
Conductivity (S/m)	1.008138
Variation (%)	-1.850000



Maximum location: X=9.00, Y=15.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.292323
SAR 1g (W/Kg)	0.408285

