	<b>Annex B Measurement Results</b>
	<b>Tested Model : AL2206Q</b>
	<b>Report Number: FCC17030226A-6</b>

## I. RESULTS

<b><u>TYPE</u></b>	<b><u>BAND</u></b>	<b><u>PARAMETERS</u></b>
<b>Phone</b>	<b>IEEE 802.11b ISM</b>	<u>Measurement 1:</u> Validation Plane with Body device position on Middle Channel in --- mode
<b>Phone</b>	<b>IEEE 802.11b ISM</b>	<u>Measurement 2:</u> Validation Plane with Body device position on Middle Channel in --- mode
<b>Phone</b>	<b>IEEE 802.11b ISM</b>	<u>Measurement 3:</u> Validation Plane with Body device position on Middle Channel in --- mode
<b>Phone</b>	<b>IEEE 802.11b ISM</b>	<u>Measurement 4:</u> Validation Plane with Body device position on High Channel in --- mode

# MEASUREMENT 1

Front-Side-0mm

Type: Phone measurement (Complete)

Date of measurement: 26/4/2017

Measurement duration: 11 minutes 36 seconds

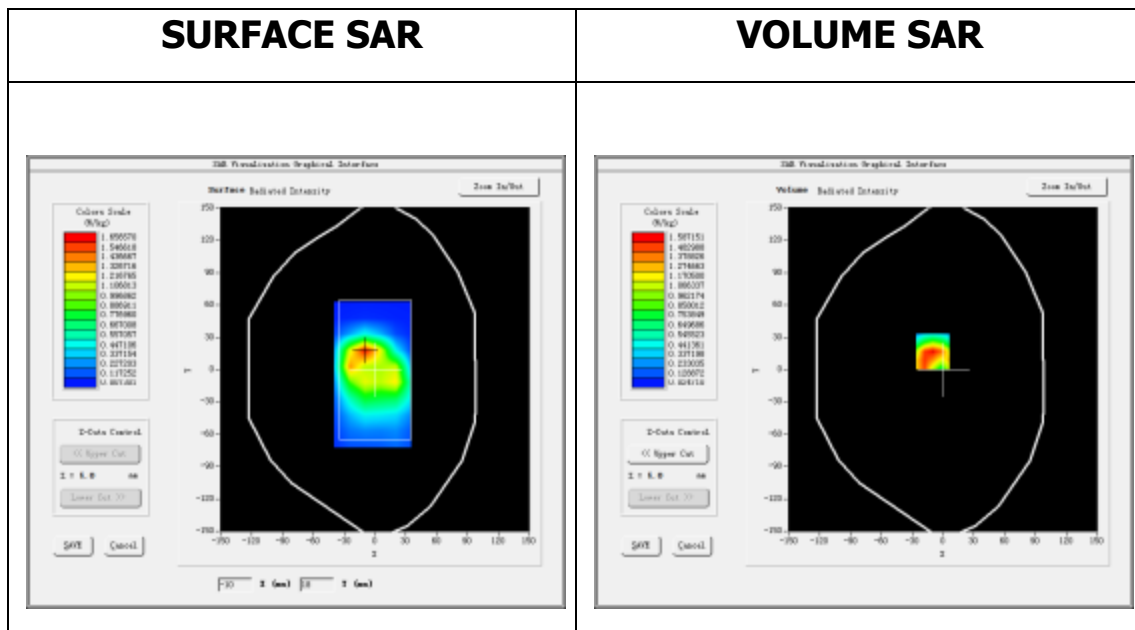
## **A. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=12mm dy=12mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11b ISM</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>IEEE802.b (Duty cycle:1:1)</u>

## **B. SAR Measurement Results**

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.000000
<b>Relative permittivity (real part)</b>	52.526401
<b>Relative permittivity (imaginary part)</b>	14.0655200
<b>Conductivity (S/m)</b>	1.953671
<b>Variation (%)</b>	-1.240000

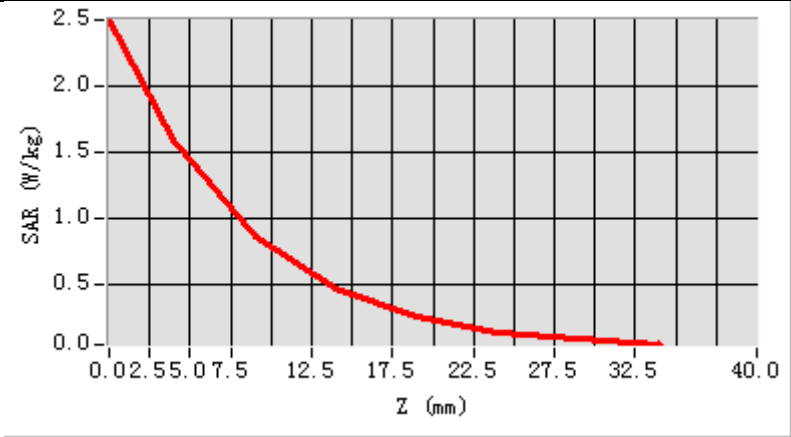


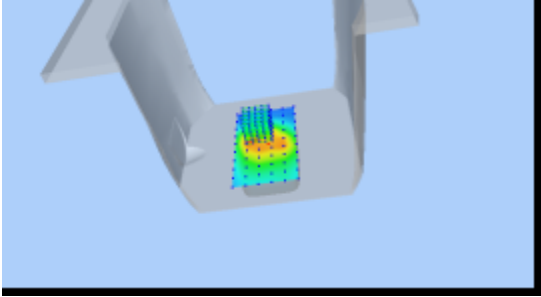
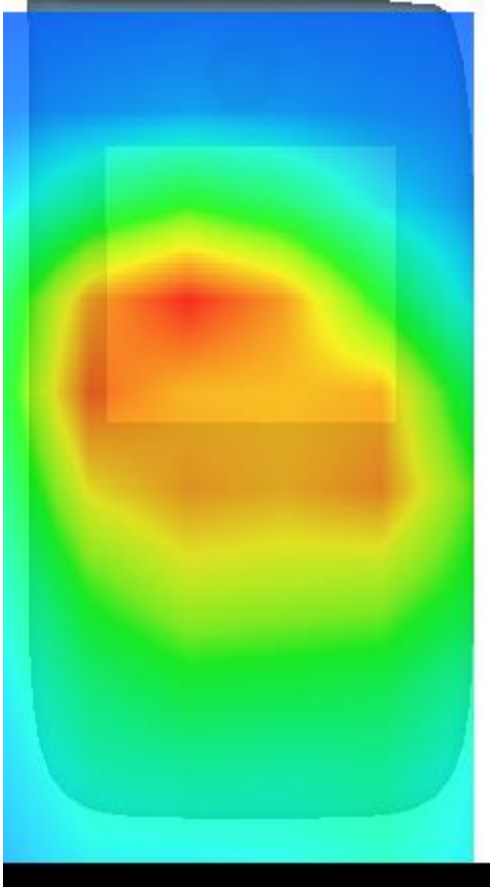
**Maximum location: X=10.00, Y=17.00**

**SAR Peak: 2.61 W/kg**

<b>SAR 10g (W/Kg)</b>	0.420253
<b>SAR 1g (W/Kg)</b>	0.738246

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>	<b>24.00</b>	<b>29.00</b>
<b>SAR (W/Kg)</b>	<b>2.4997</b>	<b>1.5872</b>	<b>0.8697</b>	<b>0.4741</b>	<b>0.2661</b>	<b>0.1458</b>	<b>0.0867</b>



<b>3D screen shot</b>	<b>Hot spot position</b>
	

## MEASUREMENT 2

Rear-Side -0mm

Type: Phone measurement (Complete)

Date of measurement: 26/4/2017

Measurement duration: 9 minutes 38 seconds

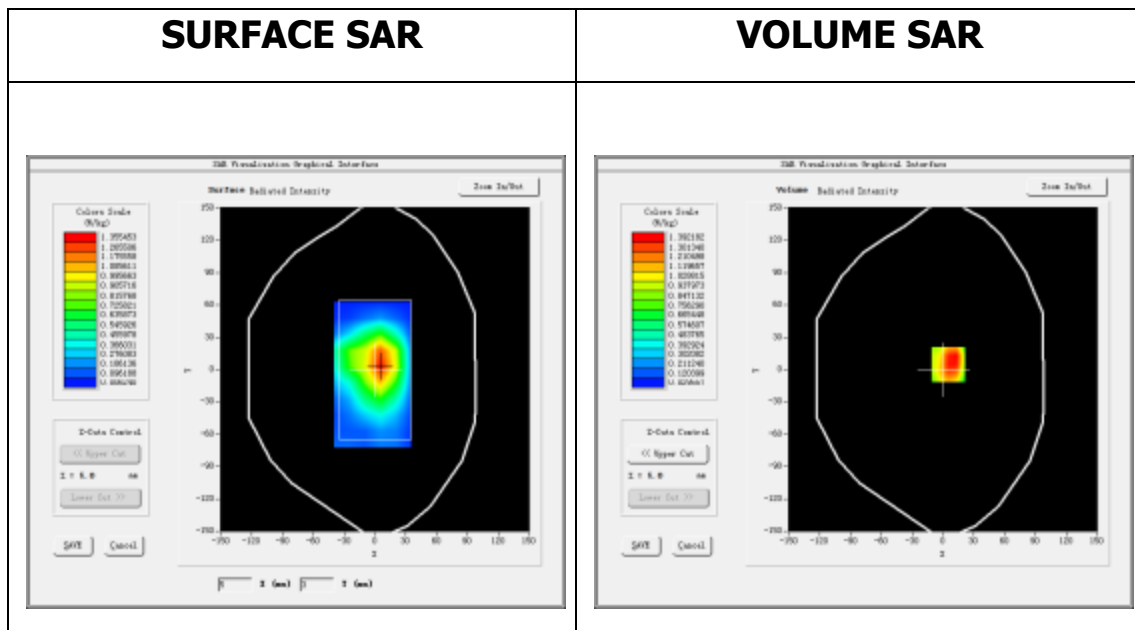
### **A. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=12mm dy=12mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11b ISM</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>IEEE802.b (Duty cycle:1:1)</u>

### **B. SAR Measurement Results**

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.000000
<b>Relative permittivity (real part)</b>	52.526401
<b>Relative permittivity (imaginary part)</b>	14.0655200
<b>Conductivity (S/m)</b>	1.953671
<b>Variation (%)</b>	-0.380000

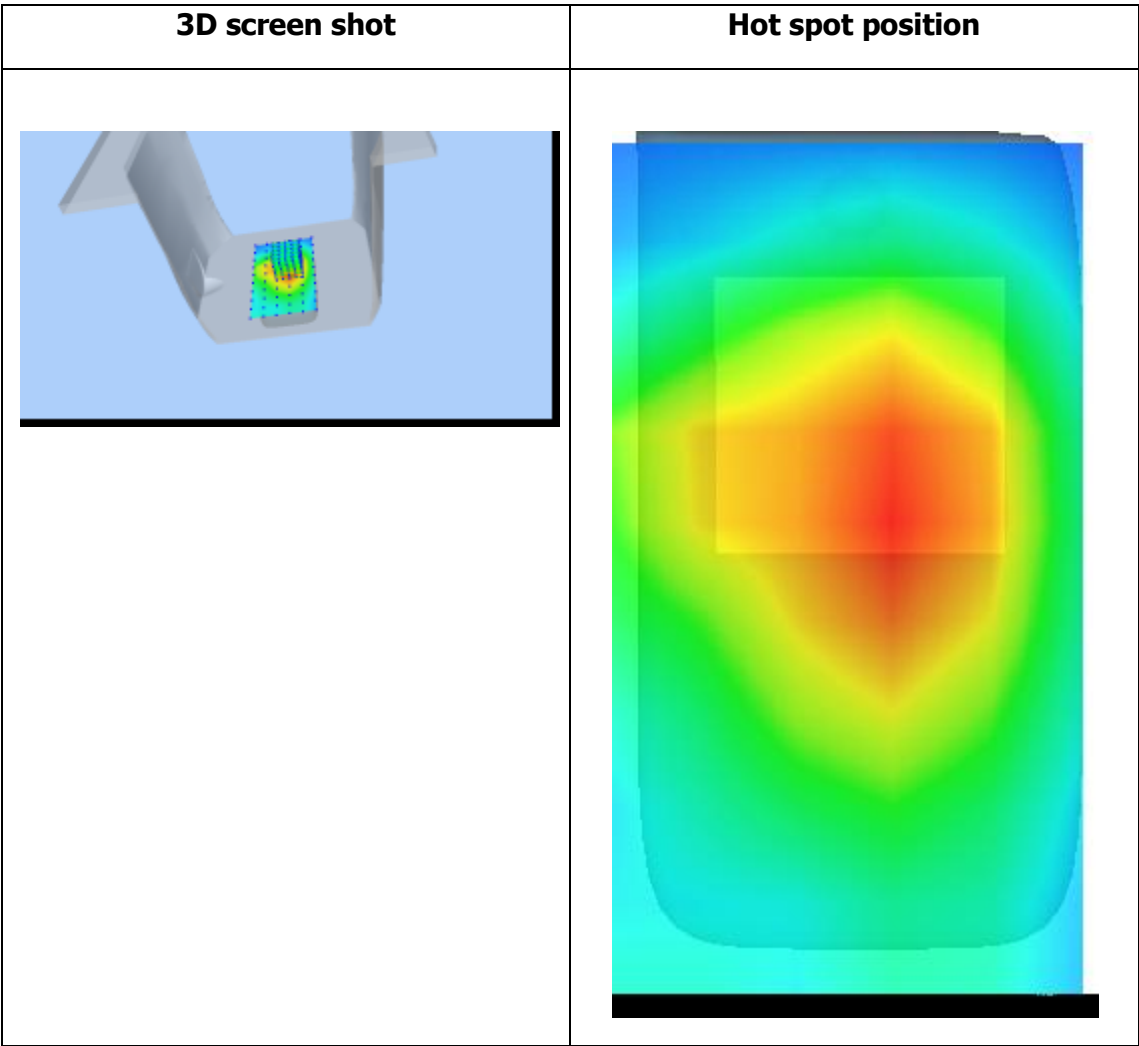
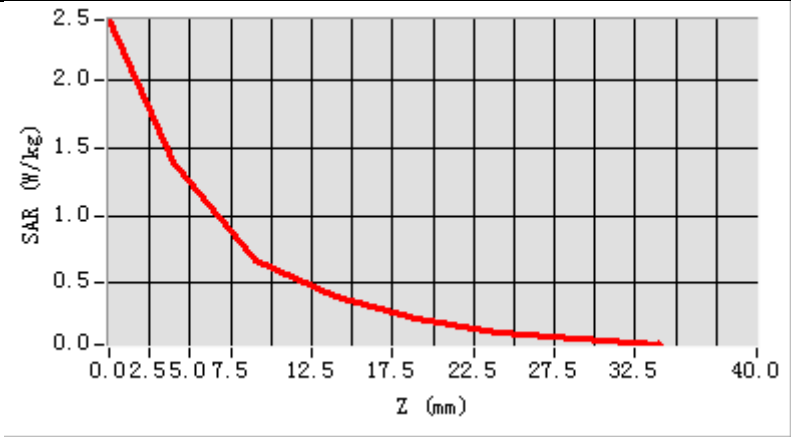


**Maximum location: X=5.00, Y=5.00**

**SAR Peak: 2.40 W/kg**

<b>SAR 10g (W/Kg)</b>	0.412372
<b>SAR 1g (W/Kg)</b>	0.718476

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>	<b>24.00</b>	<b>29.00</b>
<b>SAR (W/Kg)</b>	<b>2.4536</b>	<b>1.3922</b>	<b>0.6596</b>	<b>0.4022</b>	<b>0.2386</b>	<b>0.1251</b>	<b>0.0836</b>



## MEASUREMENT 3

Bottom-Side-0mm

Type: Phone measurement (Complete)

Date of measurement: 26/4/2017

Measurement duration: 9 minutes 37 seconds

### **A. Experimental conditions.**

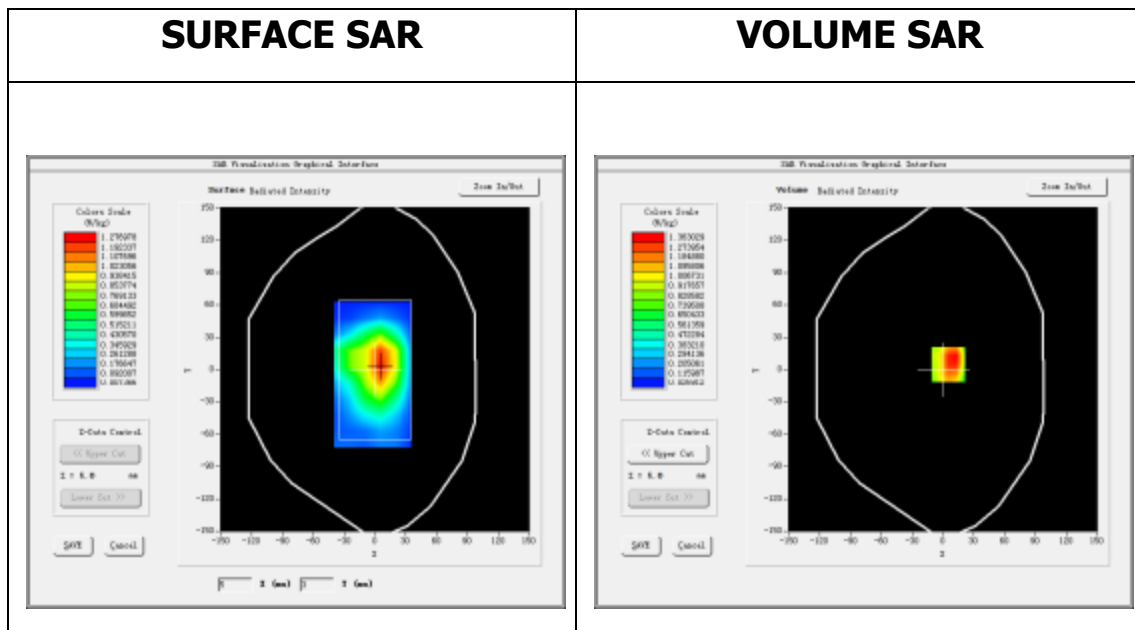
<b><u>Area Scan</u></b>	<u>dx=12mm dy=12mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11b ISM</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>IEEE802.b (Duty cycle:1:1)</u>

### **B. SAR Measurement Results**

Middle Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.000000
<b>Relative permittivity (real part)</b>	52.526401
<b>Relative permittivity (imaginary part)</b>	14.0655200
<b>Conductivity (S/m)</b>	1.953671
<b>Variation (%)</b>	0.870000



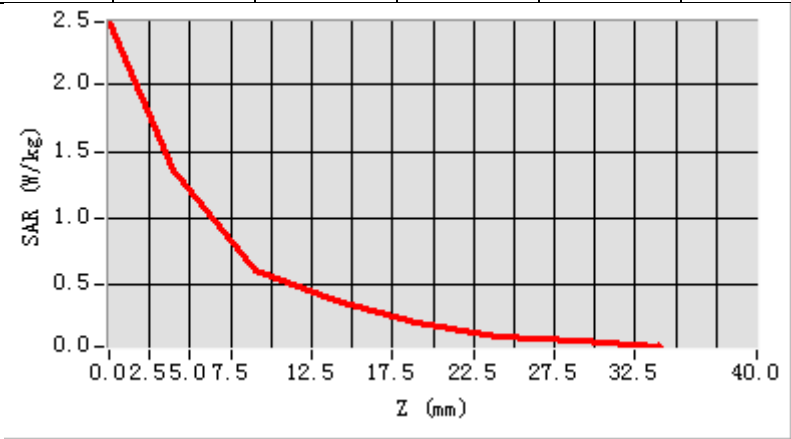


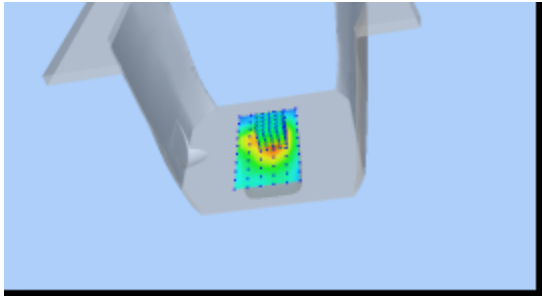
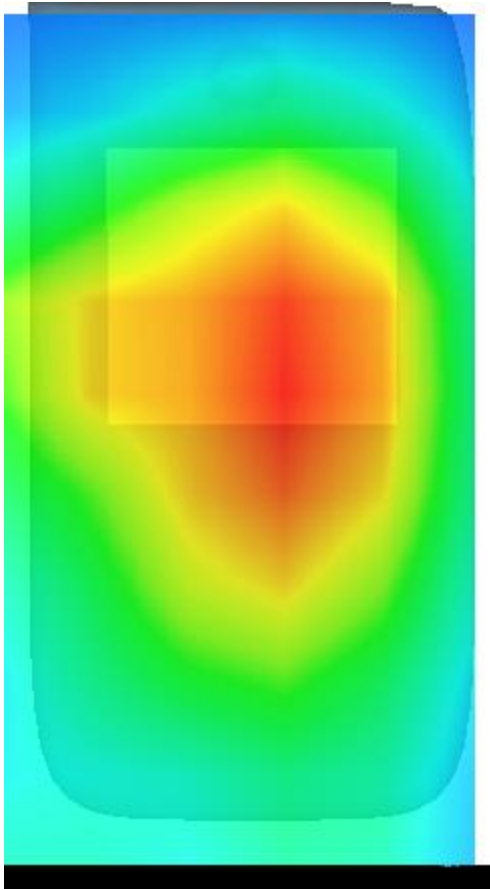
**Maximum location: X=5.00, Y=5.00**

**SAR Peak: 2.38 W/kg**

<b>SAR 10g (W/Kg)</b>	0.397102
<b>SAR 1g (W/Kg)</b>	0.704318

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>	<b>24.00</b>	<b>29.00</b>
<b>SAR (W/Kg)</b>	<b>2.4680</b>	<b>1.3630</b>	<b>0.6148</b>	<b>0.3842</b>	<b>0.2217</b>	<b>0.1150</b>	<b>0.0771</b>



<b>3D screen shot</b>	<b>Hot spot position</b>
	

## MEASUREMENT 4

Right-Side-0mm

Type: Phone measurement (Complete)

Date of measurement: 26/4/2017

Measurement duration: 9 minutes 26 seconds

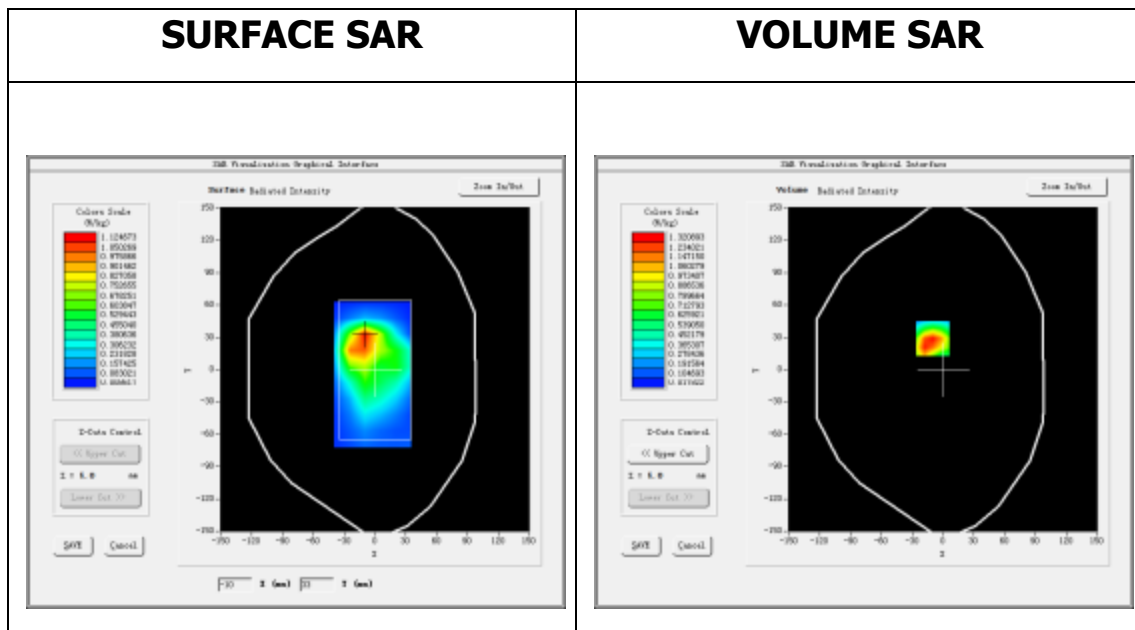
### **A. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=12mm dy=12mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11b ISM</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>IEEE802.b (Duty cycle:1:1)</u>

### **B. SAR Measurement Results**

Higher Band SAR (Channel 6):

<b>Frequency (MHz)</b>	2437.000000
<b>Relative permittivity (real part)</b>	52.526401
<b>Relative permittivity (imaginary part)</b>	14.0655200
<b>Conductivity (S/m)</b>	1.953671
<b>Variation (%)</b>	-1.220000

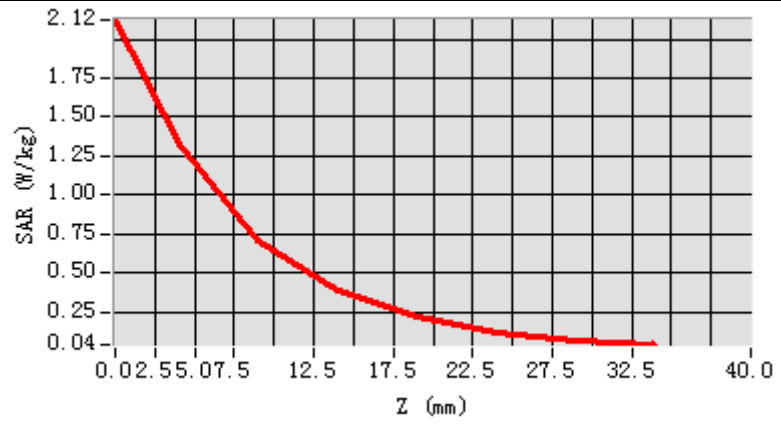


**Maximum location: X=-10.00, Y=29.00**

**SAR Peak: 2.24 W/kg**

SAR 10g (W/Kg)	0.391264
SAR 1g (W/Kg)	0.690349

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>	<b>24.00</b>	<b>29.00</b>
<b>SAR (W/Kg)</b>	<b>2.1223</b>	<b>1.3209</b>	<b>0.7086</b>	<b>0.3883</b>	<b>0.2190</b>	<b>0.1233</b>	<b>0.0706</b>



<b>3D screen shot</b>	<b>Hot spot position</b>
