	<b>Annex A: System Check</b>
	<b>Tested Model : X6720B</b>
	<b>Report Number:</b> <b>WSCT-ANAB-R&amp;E240700032A-SAR</b>

## I. RESULTS

<b><u>TYPE</u></b>	<b><u>BAND</u></b>	<b><u>PARAMETERS</u></b>
<b>Validation</b>	<b>CW835</b>	<u>Measurement 1: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW835</b>	<u>Measurement 2: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW1800</b>	<u>Measurement 3: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW1800</b>	<u>Measurement 4: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW1900</b>	<u>Measurement 5: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW1900</b>	<u>Measurement 6: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW2450</b>	<u>Measurement 7: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW2450</b>	<u>Measurement 8: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW260</b>	<u>Measurement 9: Validation Plane with Dipole device position on Middle Channel in CW mode</u>
<b>Validation</b>	<b>CW2600</b>	<u>Measurement 10: Validation Plane with Dipole device position on Middle Channel in CW mode</u>

## MEASUREMENT 1

BODY

Type: Validation measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 11 minutes 54 seconds

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

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</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>Dipole</u>
<b><u>Band</u></b>	<u>CW835</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

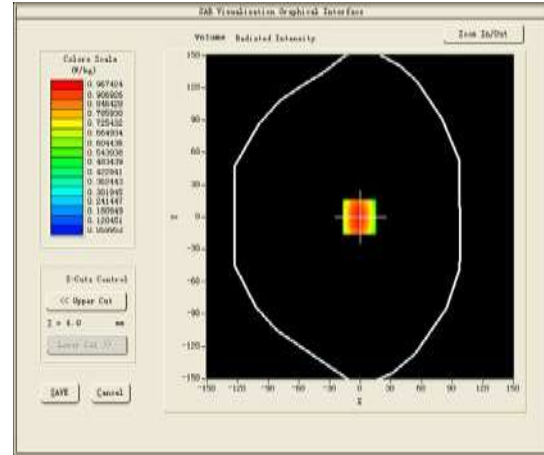
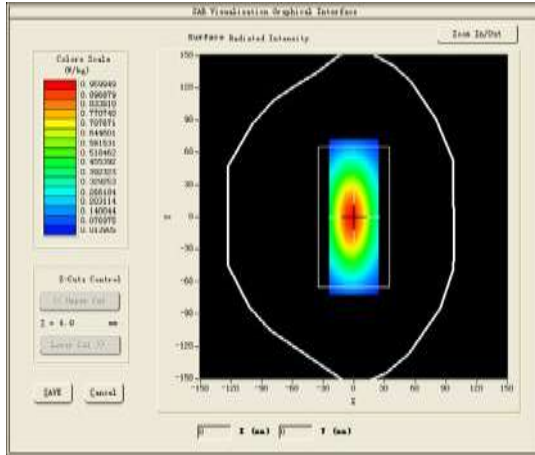
### **B. SAR Measurement Results**

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	53.927799
<b>Relative permittivity (imaginary part)</b>	21.281300
<b>Conductivity (S/m)</b>	0.987216
<b>Variation (%)</b>	0.120000

### SURFACE SAR

### VOLUME SAR

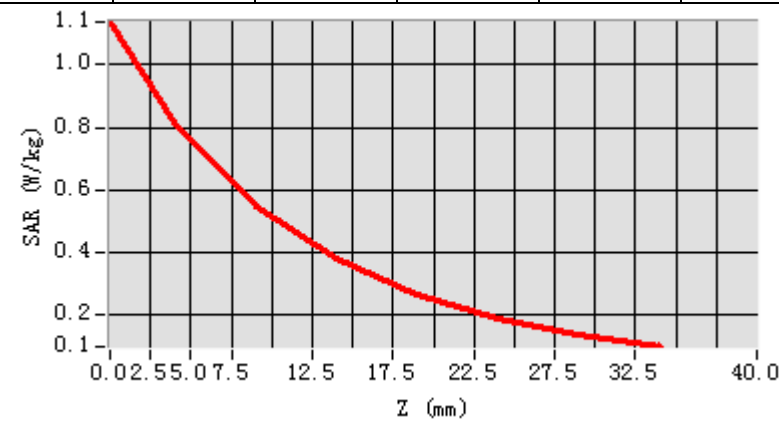


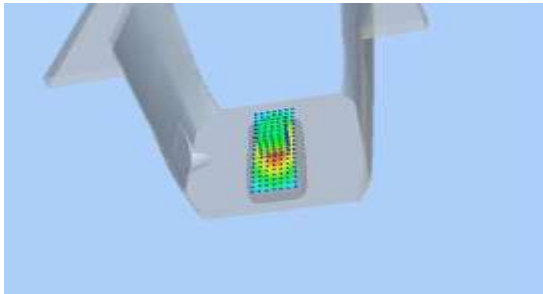
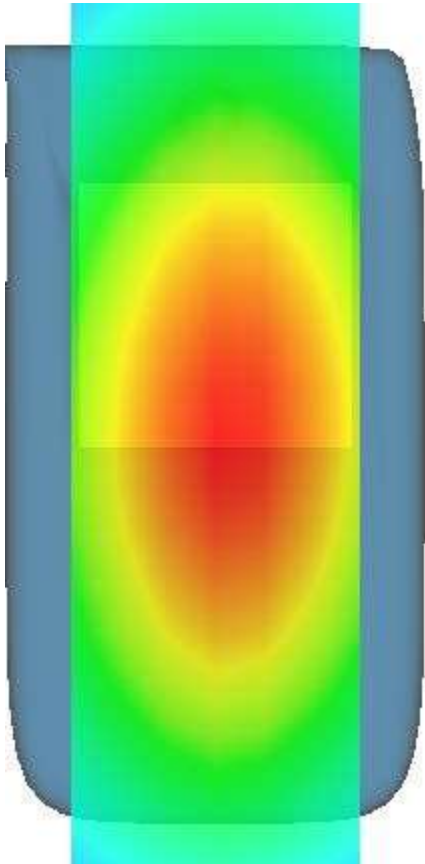
**Maximum location: X=-1.00, Y=0.00**

**SAR Peak: 1.44 W/kg**

<b>SAR 10g (W/Kg)</b>	0.644746
<b>SAR 1g (W/Kg)</b>	1.014583

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1418	0.9674	0.6426	0.4358	0.2947	0.1989	0.1326



3D screen shot	Hot spot position
	

## MEASUREMENT 2

### HEAD

Type: Validation measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 11 minutes 54 seconds

### A. Experimental conditions.

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</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>Dipole</u>
<b><u>Band</u></b>	<u>CW835</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

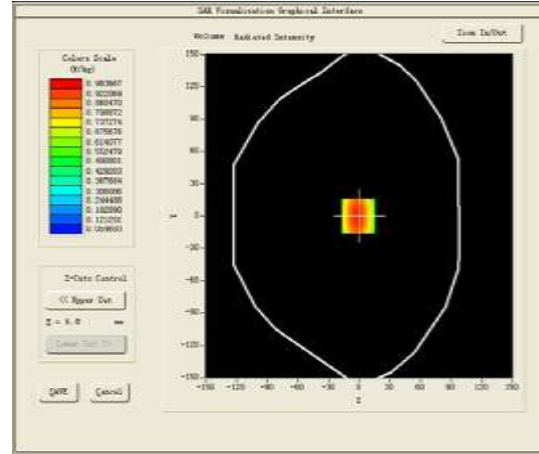
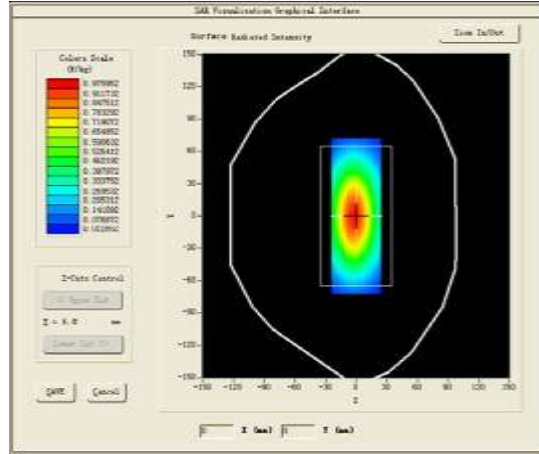
### B. SAR Measurement Results

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	835.000000
<b>Relative permittivity (real part)</b>	40.502102
<b>Relative permittivity (imaginary part)</b>	19.566299
<b>Conductivity (S/m)</b>	0.907659
<b>Variation (%)</b>	0.380000

### SURFACE SAR

### VOLUME SAR

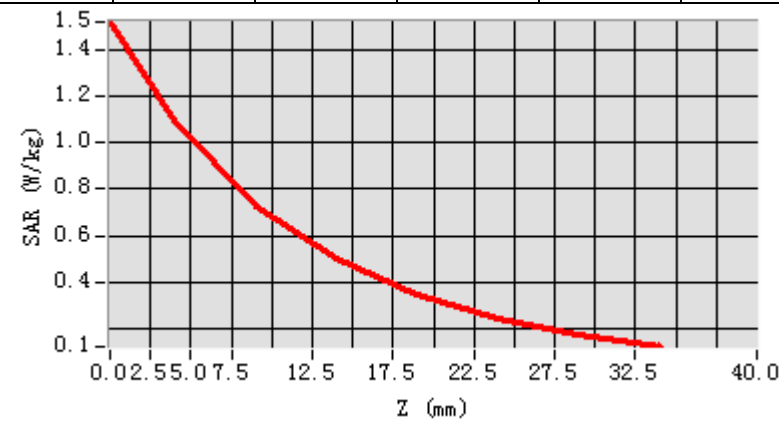


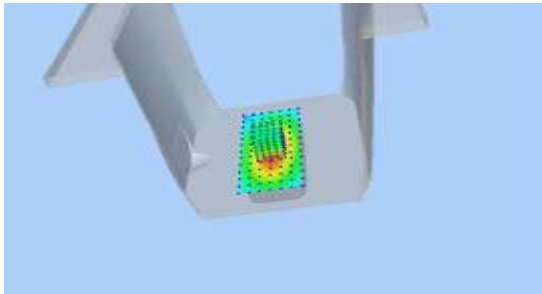
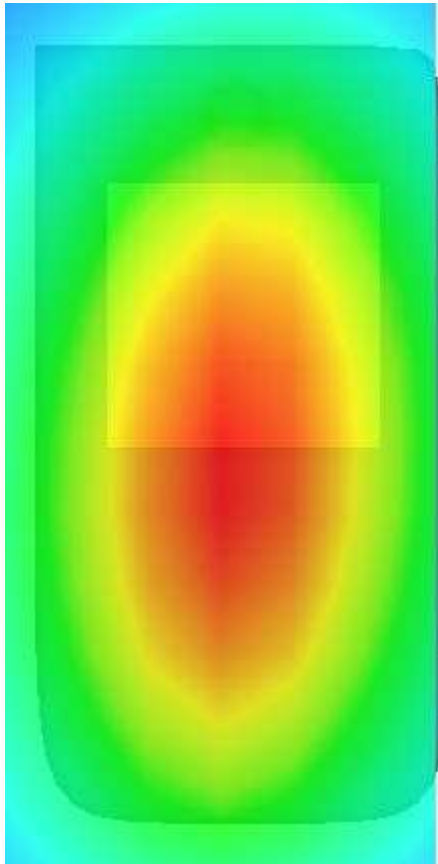
**Maximum location: X=-3.00, Y=-5.00**

**SAR Peak: 1.37 W/kg**

<b>SAR 10g (W/Kg)</b>	0.615004
<b>SAR 1g (W/Kg)</b>	0.970049

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5179	1.0923	0.7286	0.5008	0.3478	0.2446	0.1730



3D screen shot	Hot spot position
	

## MEASUREMENT 3

### BODY

Type: Validation measurement (Complete)

Date of measurement: 23/6/2024

Measurement duration: 11 minutes 22 seconds

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

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW1800</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

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

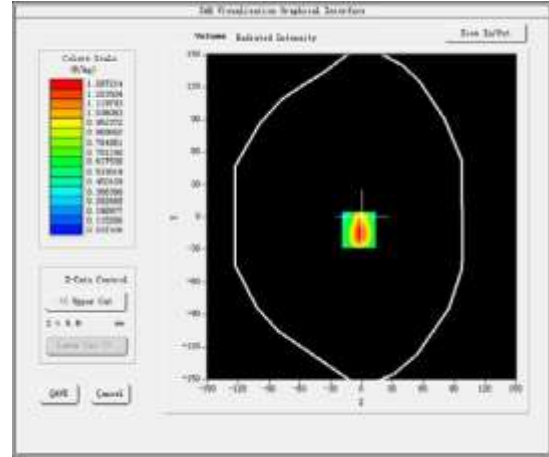
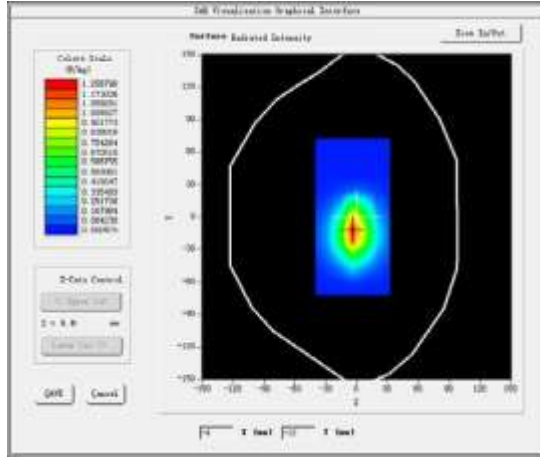
Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	1800.000000
<b>Relative permittivity (real part)</b>	53.112099
<b>Relative permittivity (imaginary part)</b>	15.286700
<b>Conductivity (S/m)</b>	1.528670
<b>Variation (%)</b>	-0.410000



### SURFACE SAR

### VOLUME SAR

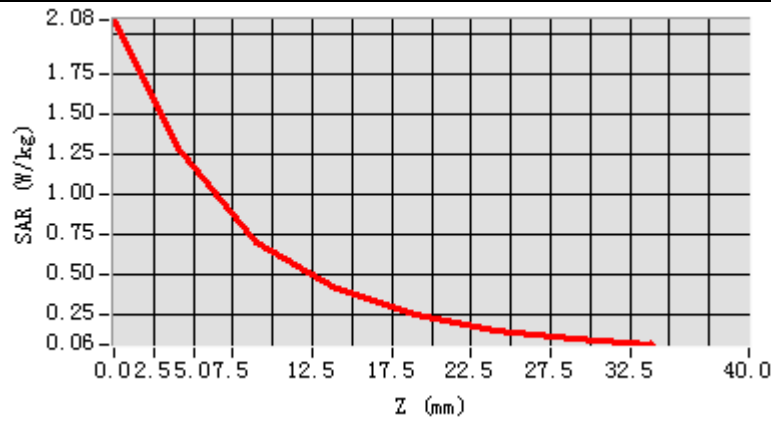


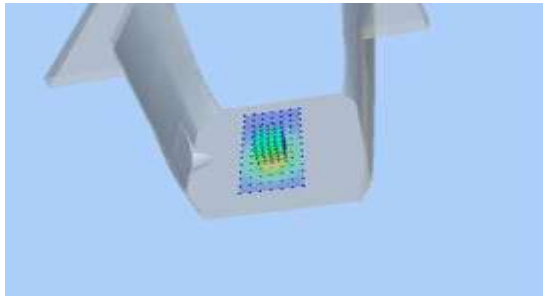
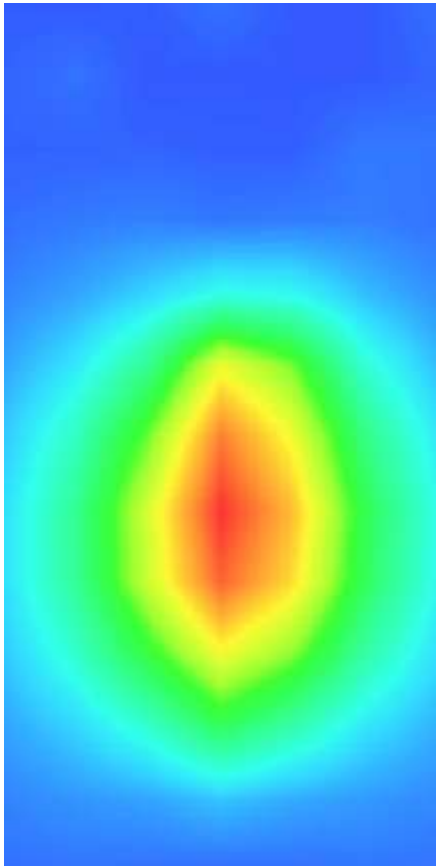
**Maximum location: X=-0.00, Y=-0.00**

**SAR Peak: 7.72 W/kg**

<b>SAR 10g (W/Kg)</b>	2.171888
<b>SAR 1g (W/Kg)</b>	4.156173

<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>7.7941</b>	<b>4.9087</b>	<b>2.6873</b>	<b>1.5154</b>	<b>0.8724</b>	<b>0.5075</b>	<b>0.2958</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 4

### HEAD

Type: Validation measurement (Complete)

Date of measurement: 23/6/2024

Measurement duration: 14 minutes 4 seconds

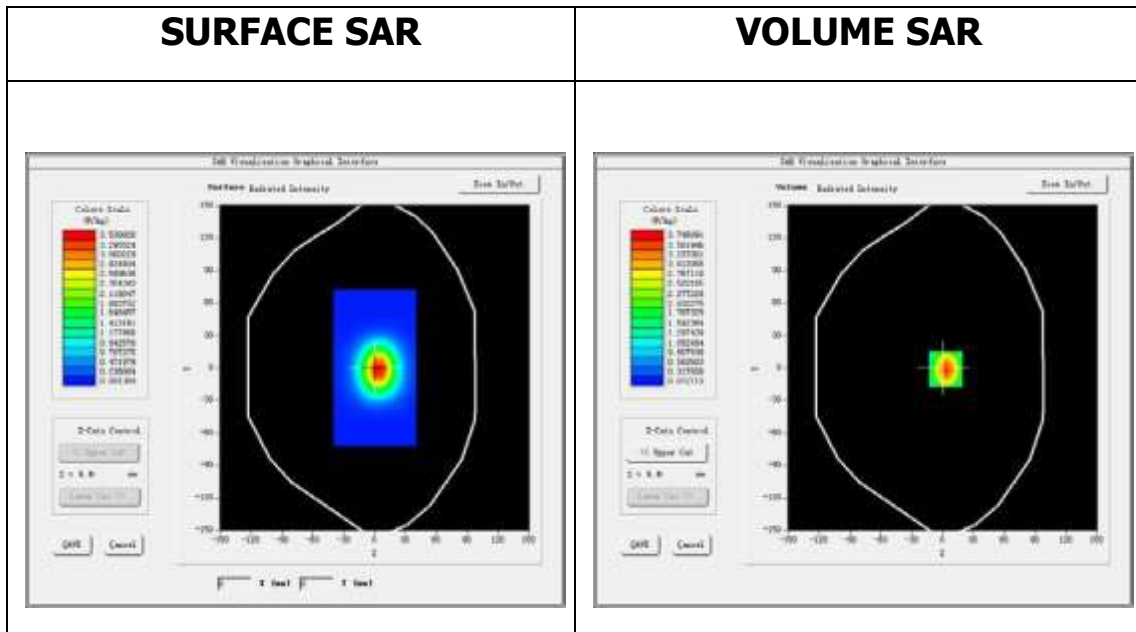
### **A. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW1800</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

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

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	1800.000000
<b>Relative permittivity (real part)</b>	39.812099
<b>Relative permittivity (imaginary part)</b>	14.387682
<b>Conductivity (S/m)</b>	1.441670
<b>Variation (%)</b>	-1.090000

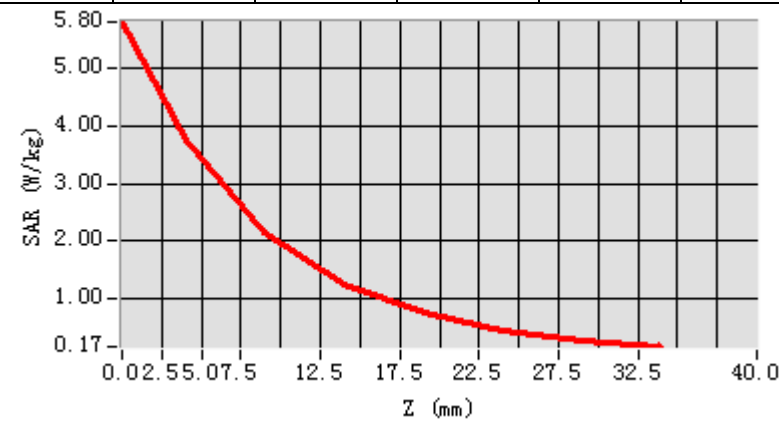


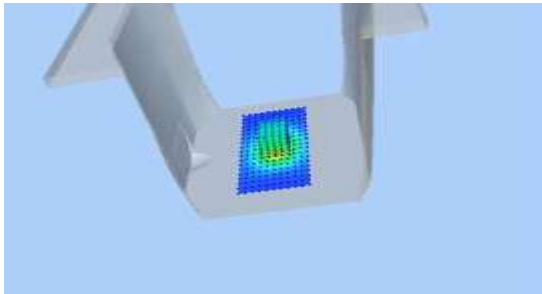
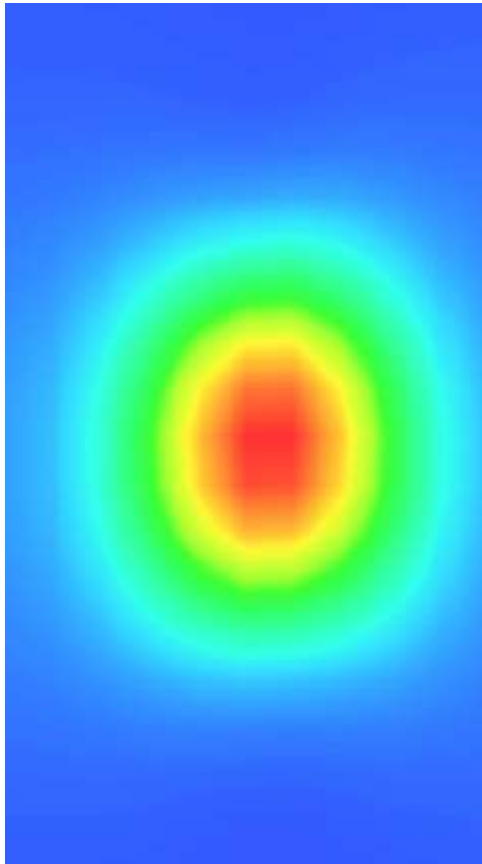
**Maximum location: X=7.00, Y=0.00**

**SAR Peak: 5.77 W/kg**

<b>SAR 10g (W/Kg)</b>	2.060294
<b>SAR 1g (W/Kg)</b>	3.998394

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	7.6530	4.8292	2.6475	1.4988	0.8584	0.4963	0.2899



3D screen shot	Hot spot position
	

## MEASUREMENT 5

### BODY

Type: Validation measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 14 minutes 21 seconds

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

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW1900</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

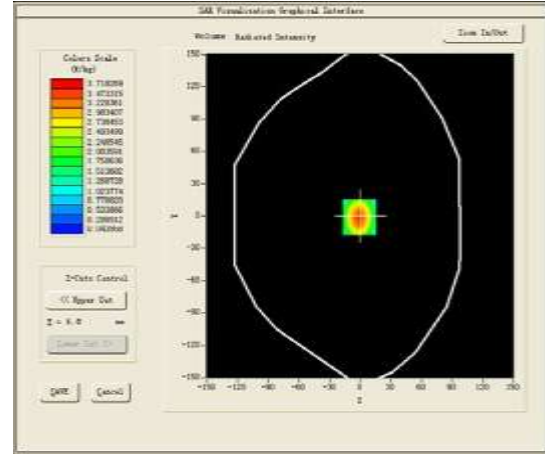
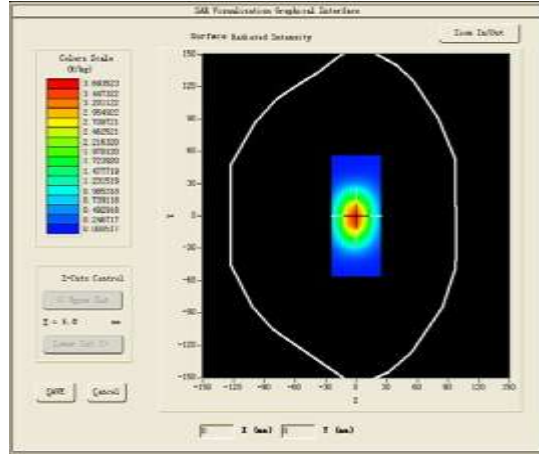
### **B. SAR Measurement Results**

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	1900.000000
<b>Relative permittivity (real part)</b>	53.365299
<b>Relative permittivity (imaginary part)</b>	14.757600
<b>Conductivity (S/m)</b>	1.557747
<b>Variation (%)</b>	-0.450000

### SURFACE SAR

### VOLUME SAR

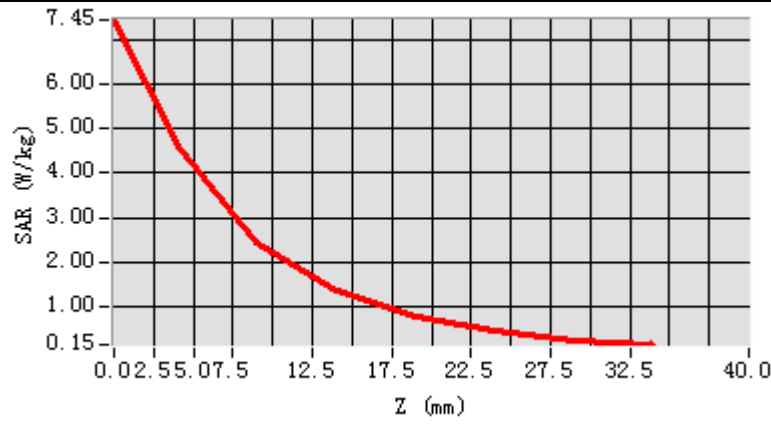


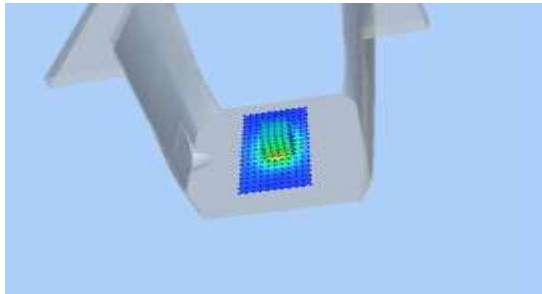
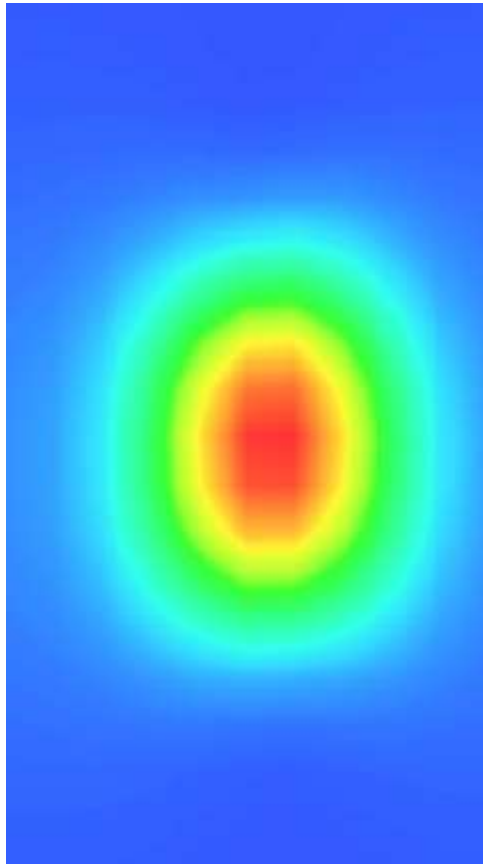
**Maximum location: X=1.00, Y=-1.00**

**SAR Peak: 7.40 W/kg**

<b>SAR 10g (W/Kg)</b>	2.093533
<b>SAR 1g (W/Kg)</b>	3.932904

<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>5.7034</b>	<b>3.7183</b>	<b>2.1347</b>	<b>1.2560</b>	<b>0.7338</b>	<b>0.4260</b>	<b>0.2429</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 6

### HEAD

Type: Validation measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 13 minutes 47 seconds

### A. Experimental conditions.

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW1900</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

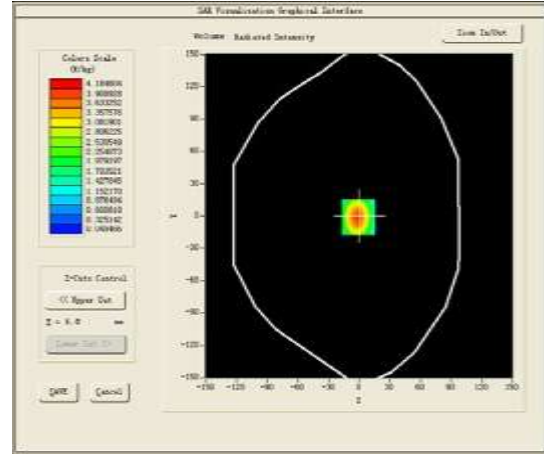
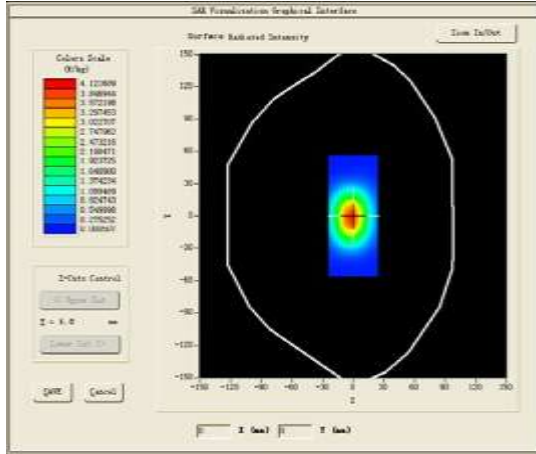
### B. SAR Measurement Results

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	1900.000000
<b>Relative permittivity (real part)</b>	39.976398
<b>Relative permittivity (imaginary part)</b>	13.386300
<b>Conductivity (S/m)</b>	1.412998
<b>Variation (%)</b>	-0.040000

### SURFACE SAR

### VOLUME SAR

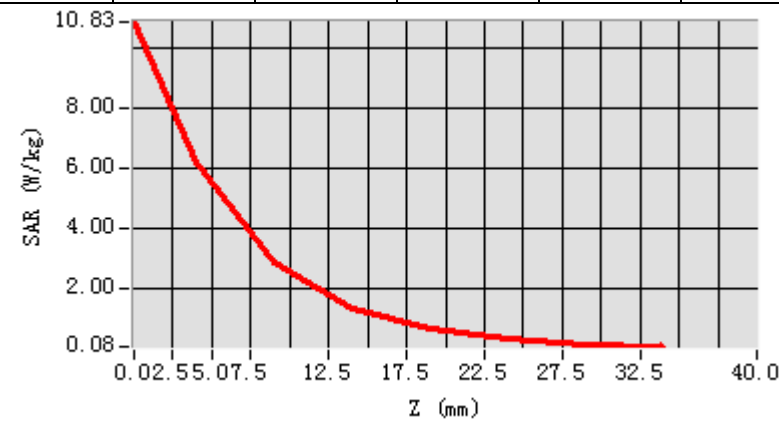


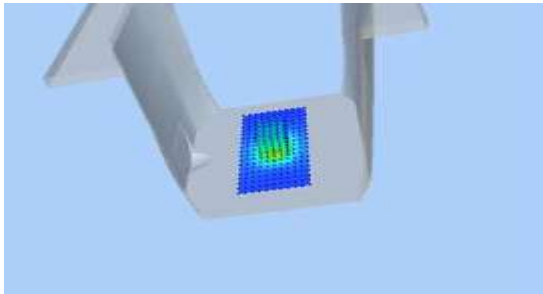
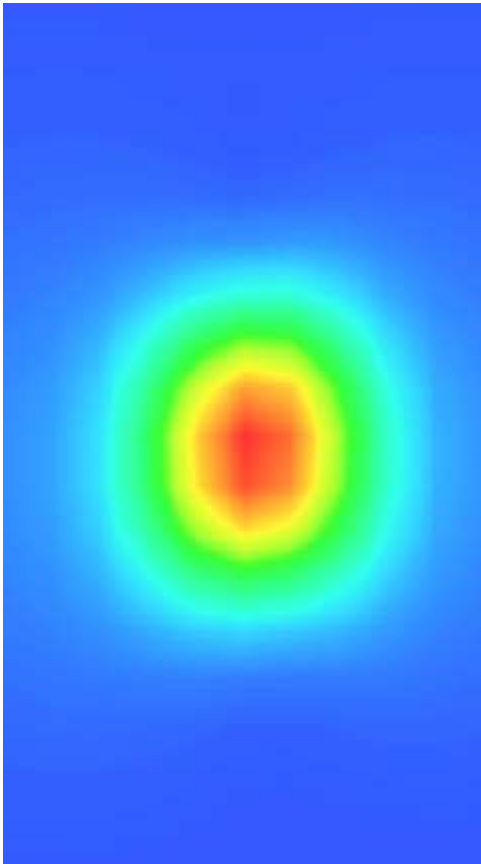
**Maximum location: X=1.00, Y=-1.00**

**SAR Peak: 10.79 W/kg**

<b>SAR 10g (W/Kg)</b>	2.107104
<b>SAR 1g (W/Kg)</b>	3.997625

<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>6.4693</b>	<b>4.1846</b>	<b>2.3780</b>	<b>1.3892</b>	<b>0.8084</b>	<b>0.4680</b>	<b>0.2662</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 7

### BODY

Type: Validation measurement (Complete)

Date of measurement: 3/7/2024

Measurement duration: 13 minutes 46 seconds

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

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mm dz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW2450</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Crest factor: 1.0)</u>

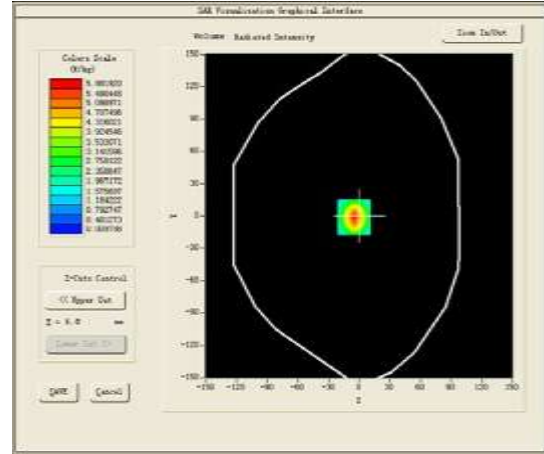
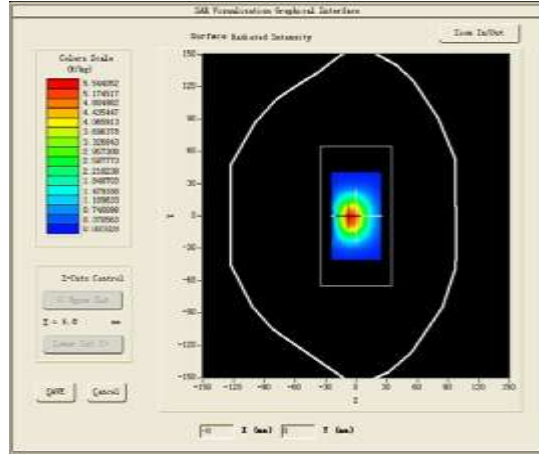
#### **B. SAR Measurement Results**

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	2450.000000
<b>Relative permittivity (real part)</b>	52.735699
<b>Relative permittivity (imaginary part)</b>	14.017300
<b>Conductivity (S/m)</b>	1.907910
<b>Variation (%)</b>	0.390000

### SURFACE SAR

### VOLUME SAR

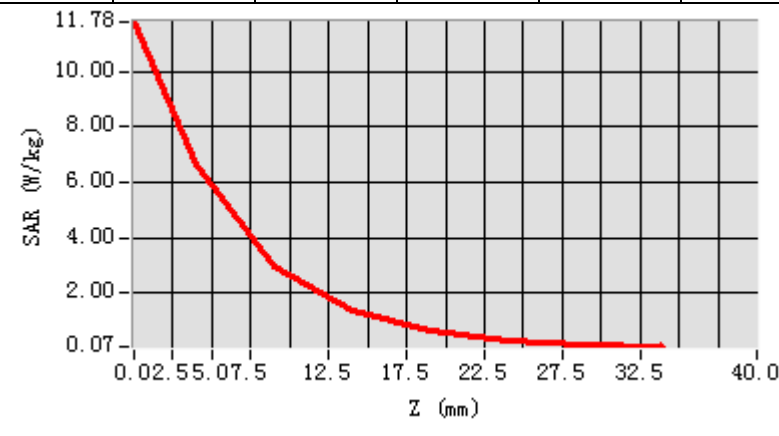


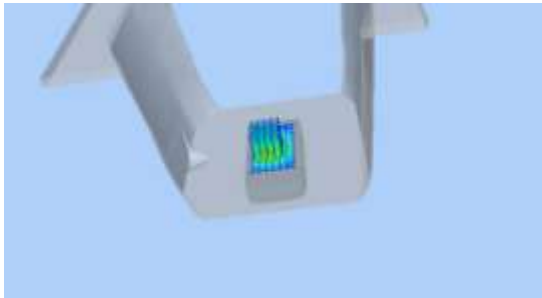
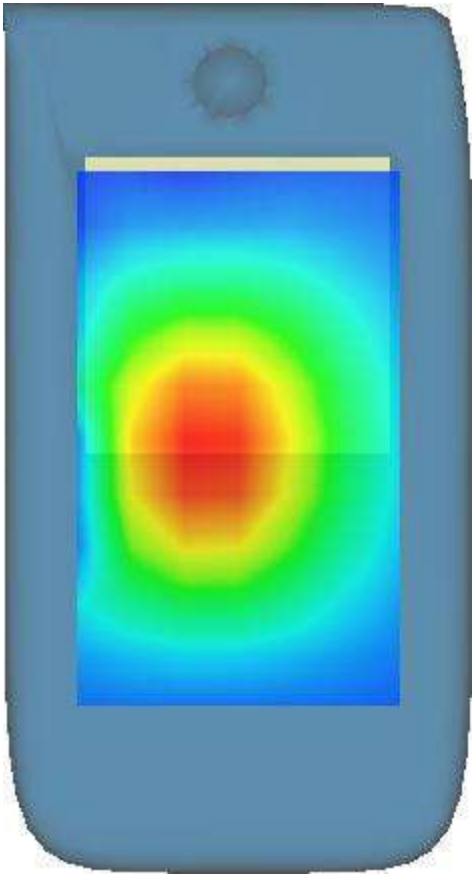
**Maximum location: X=5.00, Y=-1.00**

**SAR Peak: 10.96 W/kg**

<b>SAR 10g (W/Kg)</b>	2.333453
<b>SAR 1g (W/Kg)</b>	5.433343

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.2188	5.8819	2.7478	1.3151	0.6266	0.2969	0.1341



3D screen shot	Hot spot position
	

## MEASUREMENT 8

### HEAD

Type: Validation measurement (Complete)

Date of measurement: 3/7/2024

Measurement duration: 28 minutes 56 seconds

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

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW2450</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Duty cycle:1.0)</u>

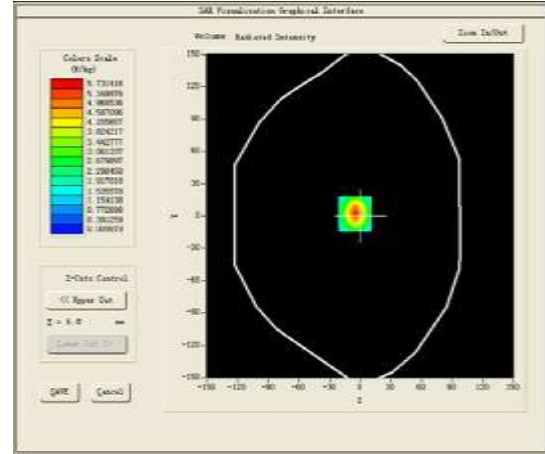
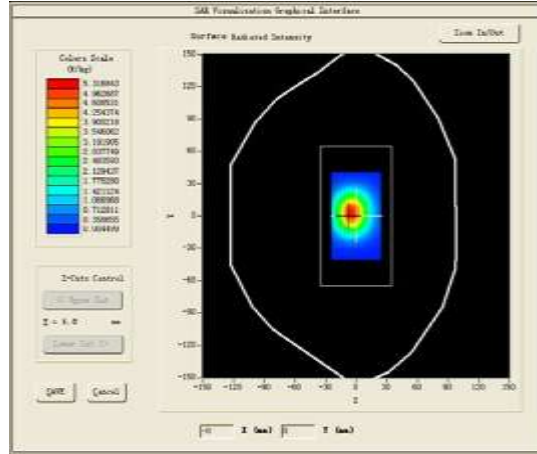
### **B. SAR Measurement Results**

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	2450.000000
<b>Relative permittivity (real part)</b>	39.235699
<b>Relative permittivity (imaginary part)</b>	12.917300
<b>Conductivity (S/m)</b>	1.758188
<b>Variation (%)</b>	2.820000

### SURFACE SAR

### VOLUME SAR



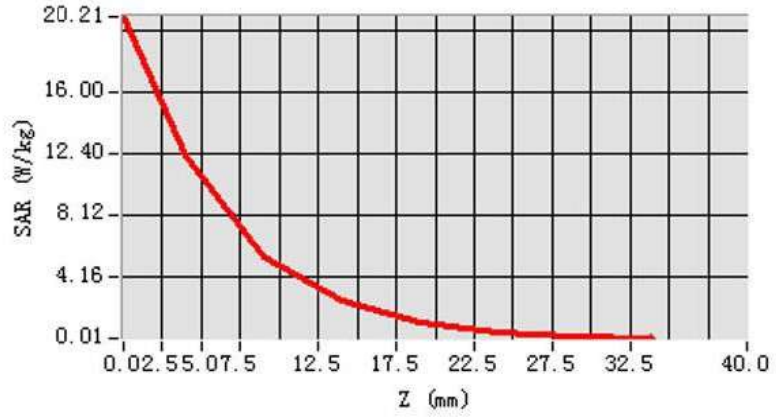
**Maximum location: X=-5.00, Y=2.00**

**SAR Peak: 9.92W/kg**

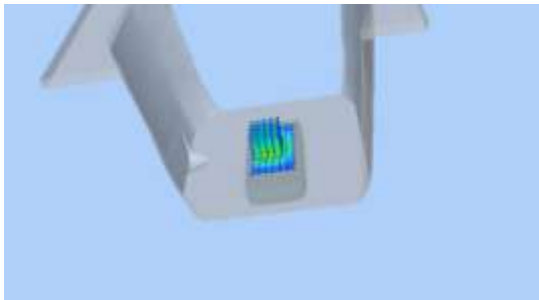
<b>SAR 10g (W/Kg)</b>	2.452895
<b>SAR 1g (W/Kg)</b>	5.393069



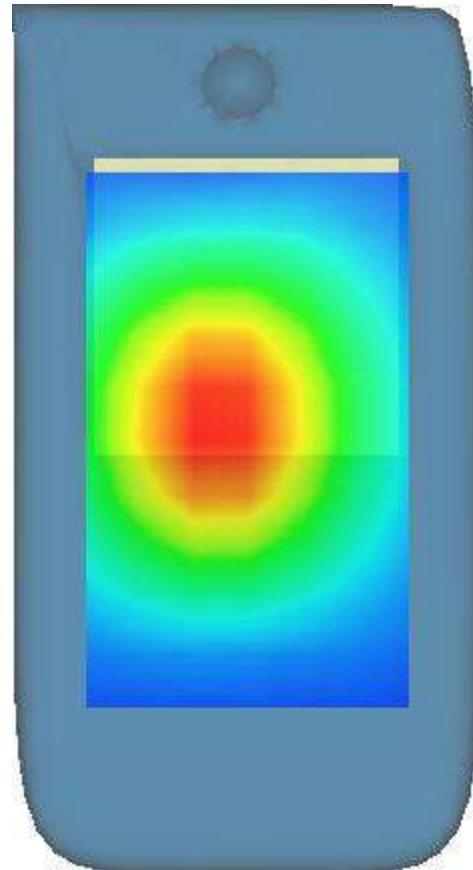
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.9915	5.7314	2.6626	1.2722	0.6047	0.2852	0.1274



**3D screen shot**



**Hot spot position**



## MEASUREMENT 9

### BODY

Type: Validation measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 29 minutes 30 seconds

### A. Experimental conditions.

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW2600</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Duty cycle:1.0)</u>

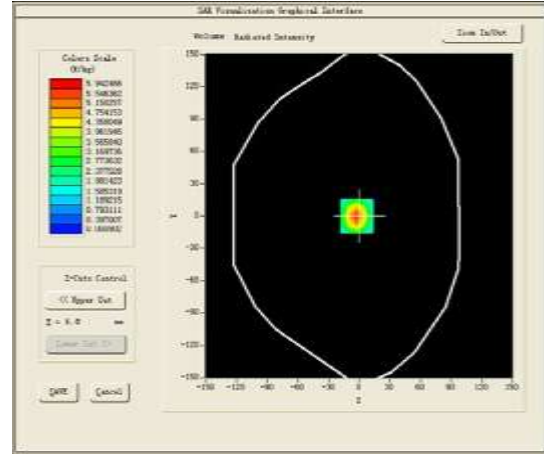
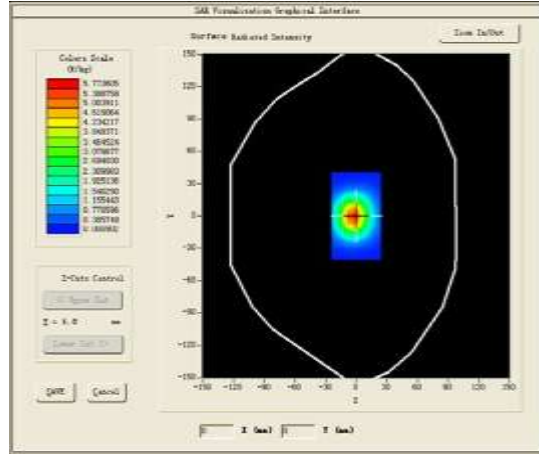
### B. SAR Measurement Results

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	2600.000000
<b>Relative permittivity (real part)</b>	52.007900
<b>Relative permittivity (imaginary part)</b>	14.458500
<b>Conductivity (S/m)</b>	2.088450
<b>Variation (%)</b>	-0.220000

### SURFACE SAR

### VOLUME SAR

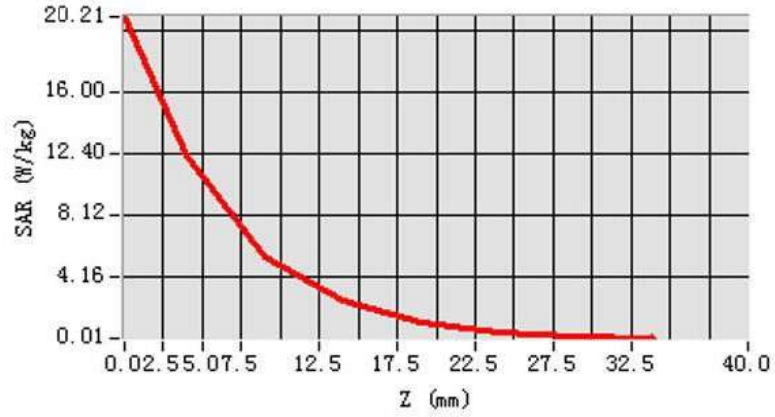


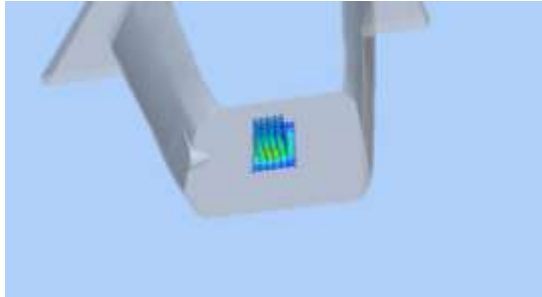
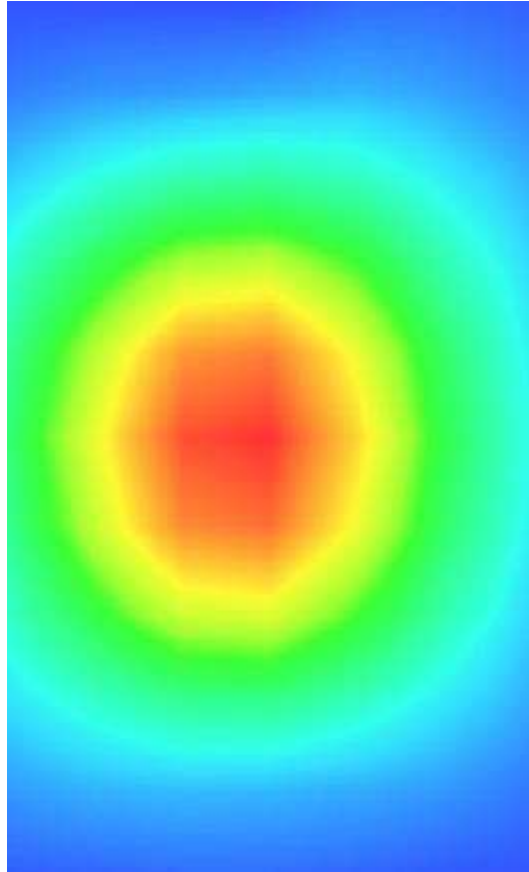
**Maximum location: X=-2.00,Y=0.00**

**SAR Peak: 10.74 W/kg**

<b>SAR 10g (W/Kg)</b>	2.559674
<b>SAR 1g (W/Kg)</b>	5.786435

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.4745	5.9425	2.6827	1.2126	0.5266	0.2069	0.0714



3D screen shot	Hot spot position
	

## MEASUREMENT 10

### HEAD

Type: Validation measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 27 minutes 33 seconds

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

<b><u>Area Scan</u></b>	<u>dx=8mm dy=8mm</u>
<b><u>ZoomScan</u></b>	<u>8x8x7,dx=4mm dy=4mm dz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Dipole</u>
<b><u>Band</u></b>	<u>CW2600</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>CW (Duty cycle:1.00)</u>

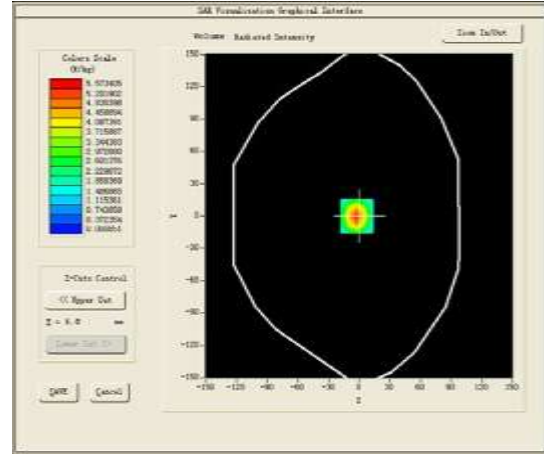
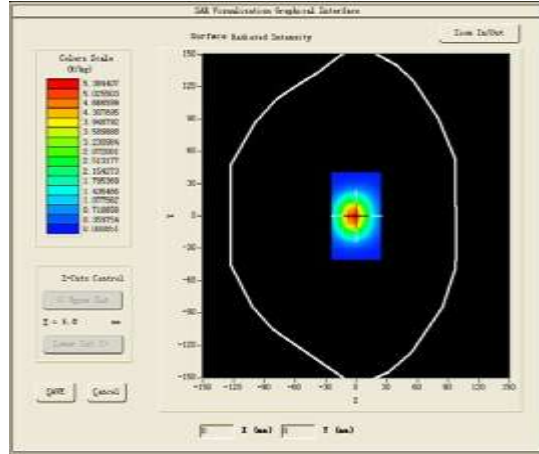
### **B. SAR Measurement Results**

Middle Band SAR (Channel -1):

<b>Frequency (MHz)</b>	2600.000000
<b>Relative permittivity (real part)</b>	38.979599
<b>Relative permittivity (imaginary part)</b>	13.989700
<b>Conductivity (S/m)</b>	2.020734
<b>Variation (%)</b>	0.250000

### SURFACE SAR

### VOLUME SAR

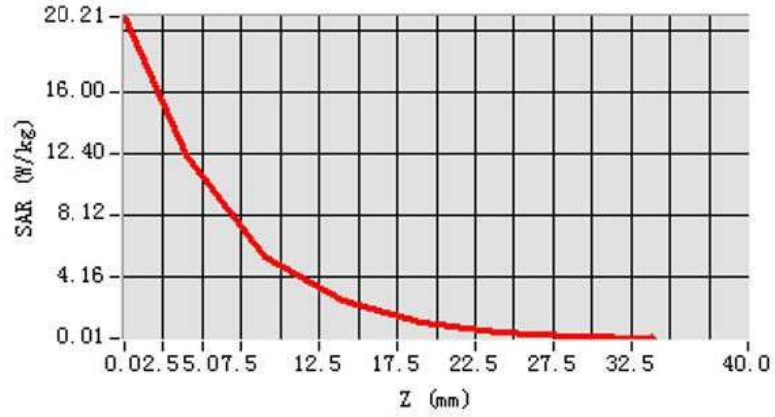


**Maximum location: X=-2.00, Y=0.00**

**SAR Peak: 9.73 W/kg**

<b>SAR 10g (W/Kg)</b>	2.342963
<b>SAR 1g (W/Kg)</b>	5.318259

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.8044	5.5734	2.5229	1.1430	0.4950	0.1964	0.0689



3D screen shot	Hot spot position
