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	<b>Annex B: Measurement Results</b>
	<b>Tested Model : X6720</b>
	<b>Report Number: WSCT-ANAB-R&amp;E240700031A-SAR</b>

# MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 13 minutes 50 seconds

## **A. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>GSM850</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>TDMA (Crest factor: 8.0)</u>

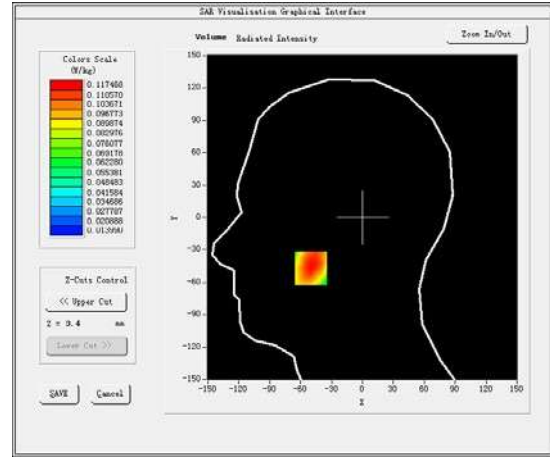
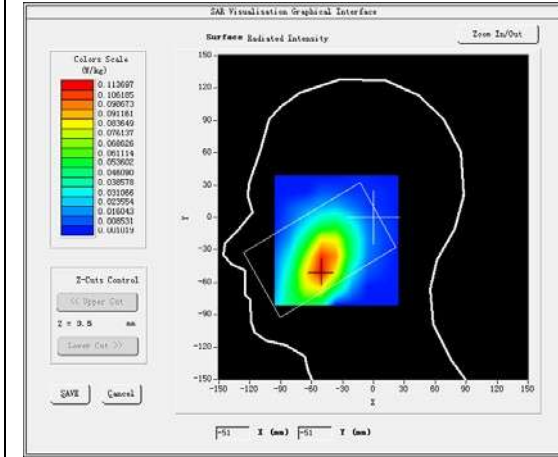
## **B. SAR Measurement Results**

Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	44.445801
<b>Relative permittivity (imaginary part)</b>	18.410500
<b>Conductivity (S/m)</b>	0.922571
<b>Variation (%)</b>	-0.760000

### SURFACE SAR

### VOLUME SAR

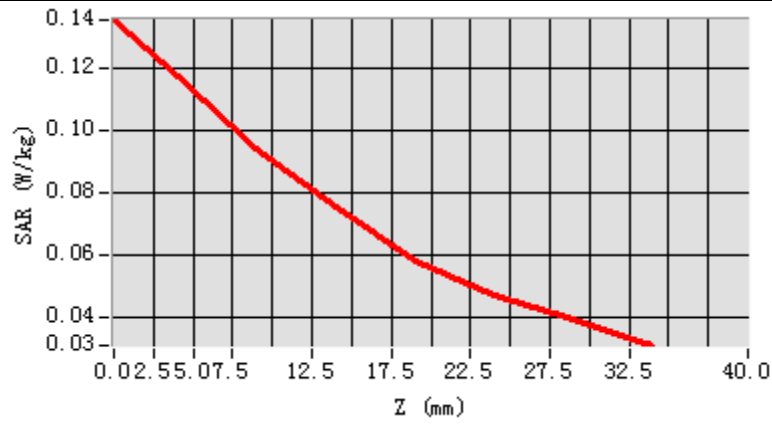


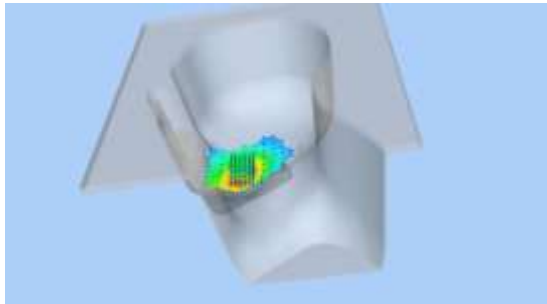
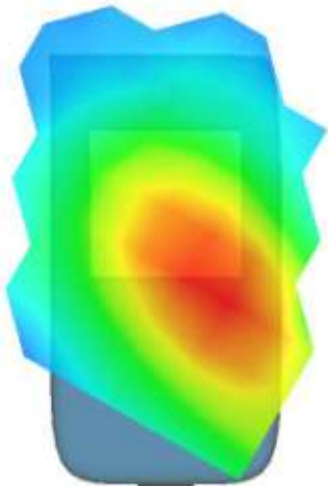
**Maximum location: X=-50.00, Y=-47.00**

**SAR Peak: 0.37 W/kg**

<b>SAR 10g (W/Kg)</b>	0.165510
<b>SAR1g (W/Kg)</b>	0.283307

<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>0.1353</b>	<b>0.1175</b>	<b>0.0939</b>	<b>0.0752</b>	<b>0.0580</b>	<b>0.0468</b>	<b>0.0394</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 2

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 16 minutes 22 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>GSM1900</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>TDMA (Crest factor: 8.0)</u>

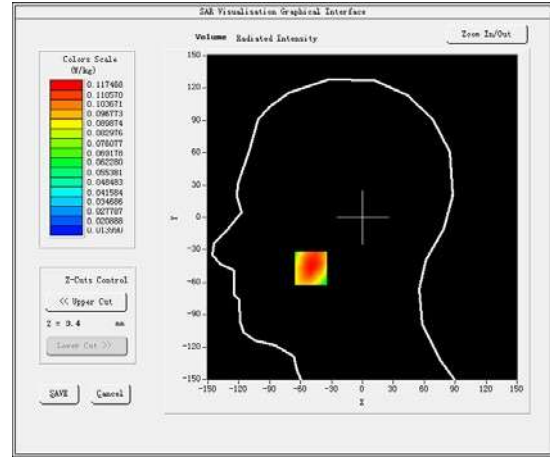
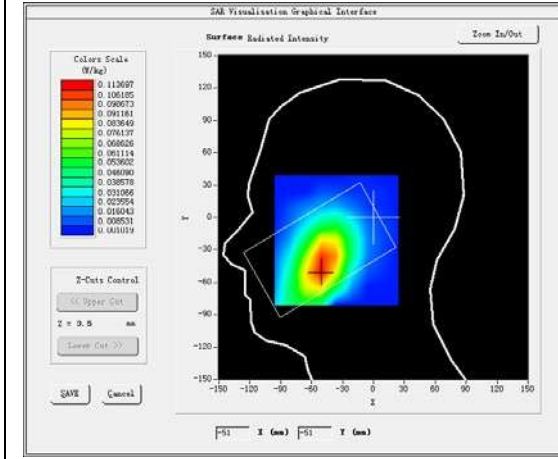
### **B. SAR Measurement Results**

Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	44.552711
<b>Relative permittivity (imaginary part)</b>	15.152806
<b>Conductivity (S/m)</b>	1.471001
<b>Variation (%)</b>	4.400000

### SURFACE SAR

### VOLUME SAR

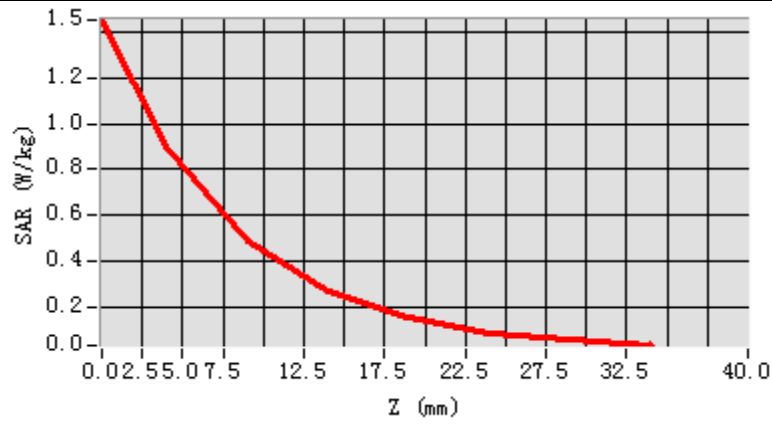


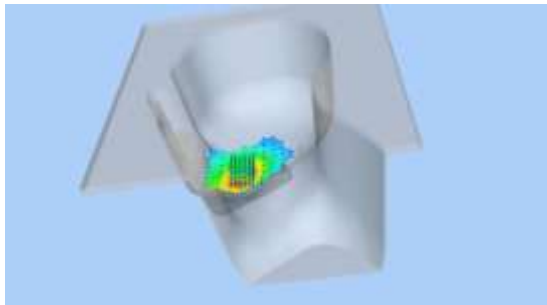
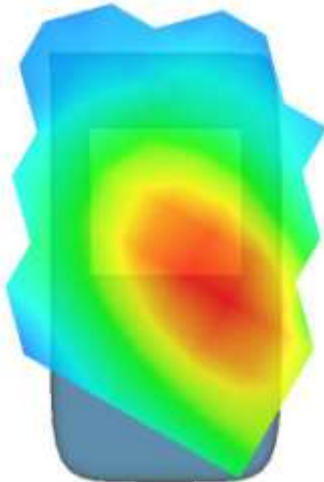
**Maximum location: X=18.00, Y=1.00**

**SAR Peak: 0.72 W/kg**

<b>SAR 10g (W/Kg)</b>	0.287622
<b>SAR1g (W/Kg)</b>	0.667538

<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>1.4543</b>	<b>0.9044</b>	<b>0.4845</b>	<b>0.2685</b>	<b>0.1531</b>	<b>0.0883</b>	<b>0.0540</b>



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

## MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 14 minutes 32 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7, dx=5mm dy=5mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>Band2 UMTS</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>WCDMA (Crest factor: 1.0)</u>

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

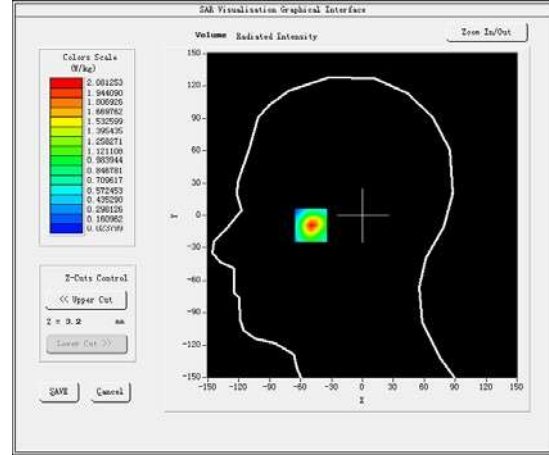
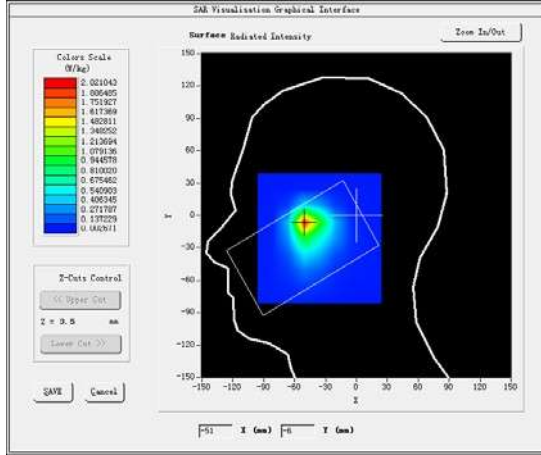
Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	41.796700
<b>Relative permittivity (imaginary part)</b>	15.263600
<b>Conductivity (S/m)</b>	1.653557
<b>Variation (%)</b>	-0.310000



### SURFACE SAR

### VOLUME SAR

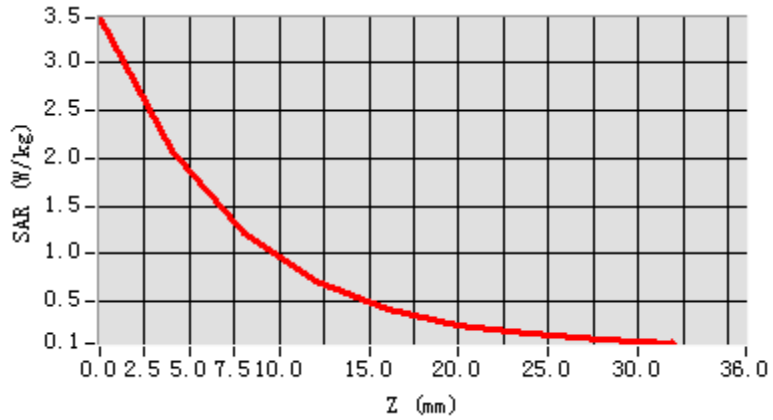


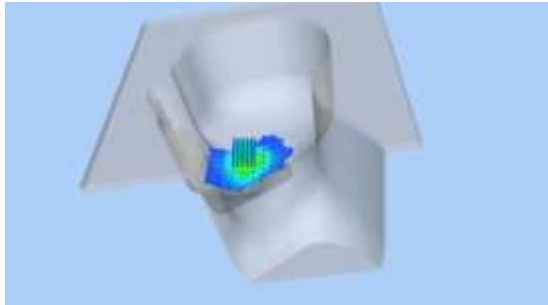
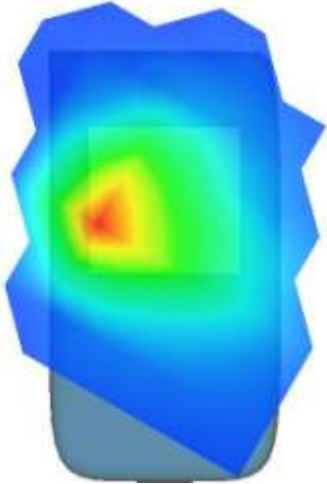
**Maximum location: X=-50.00, Y=-7.00**

**SAR Peak: 0.52 W/kg**

<b>SAR 10g (W/Kg)</b>	0.233751
<b>SAR1g (W/Kg)</b>	0.462419

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/kg)	3.4600	2.0813	1.2112	0.7146	0.4287	0.2614	0.1696	0.1072



3D screen shot	Hot spot position
	

## MEASUREMENT 4

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 55 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7, dx=5mm dy=5mm 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>Band2 UMTS</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>WCDMA (Crest factor: 1.0)</u>

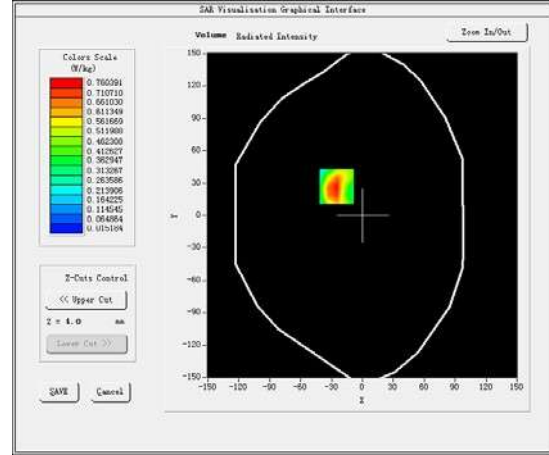
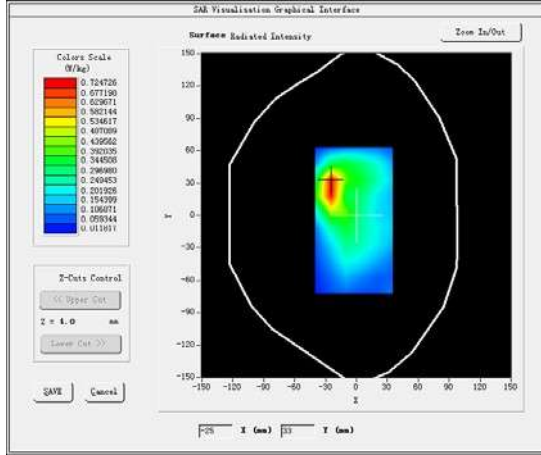
### **B. SAR Measurement Results**

Middle Band SAR (Channel 9400):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	12.930000
<b>Conductivity (S/m)</b>	1.400750
<b>Variation (%)</b>	-2.660000

### SURFACE SAR

### VOLUME SAR

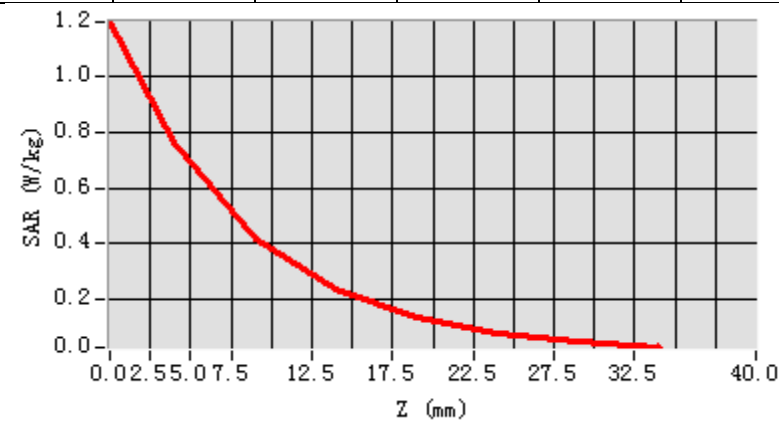


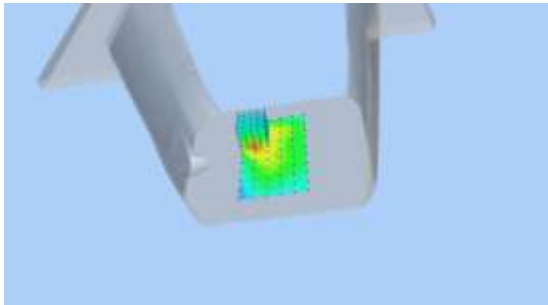
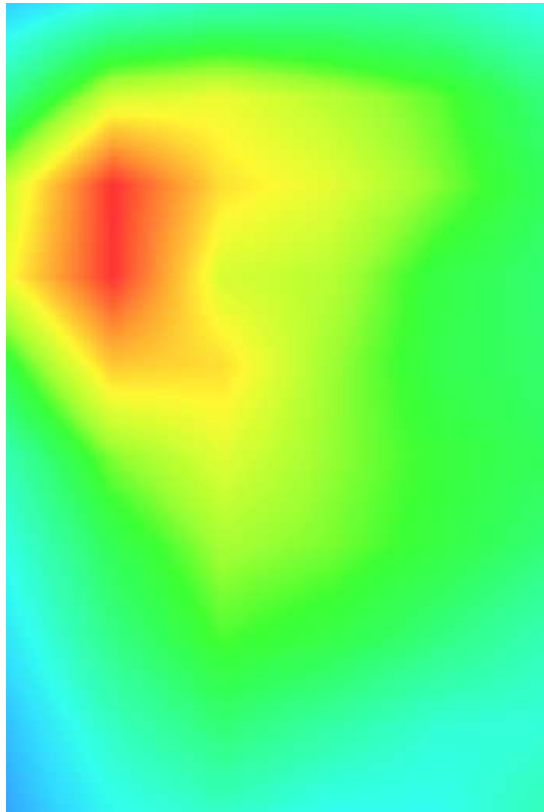
**Maximum location: X=-25.00, Y=27.00**

**SAR Peak: 0.39 W/kg**

<b>SAR 10g (W/Kg)</b>	0.142371
<b>SAR1g (W/Kg)</b>	0.279585

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1960	0.7604	0.4196	0.2366	0.1341	0.0763	0.0450



3D screen shot	Hot spot position
	

## MEASUREMENT 5

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 14 minutes 32 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7, dx=5mm</u> <u>dy=5mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>Band4 UMTS</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>WCDMA (Crest factor: 1.0)</u>

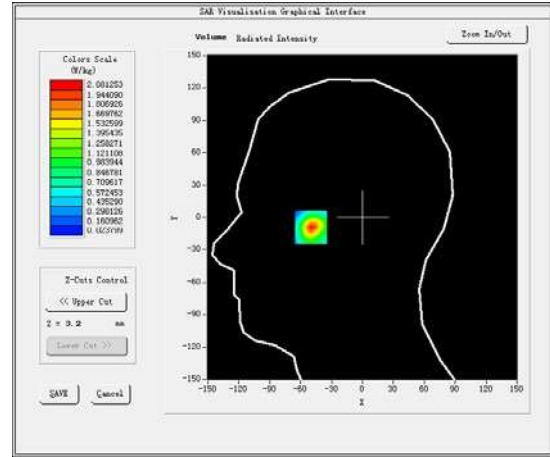
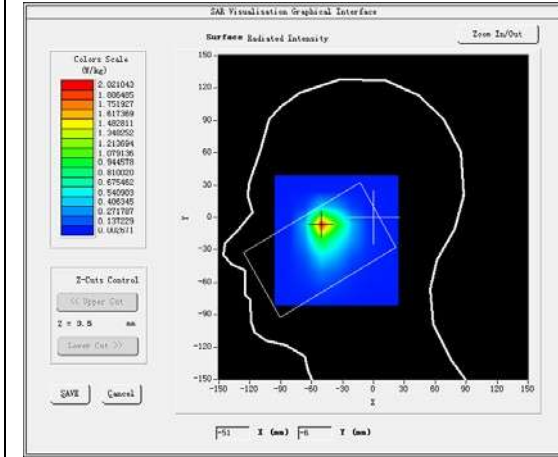
### **B. SAR Measurement Results**

Middle Band SAR (Channel 1412):

<b>Frequency (MHz)</b>	1732.600000
<b>Relative permittivity (real part)</b>	41.796700
<b>Relative permittivity (imaginary part)</b>	15.263600
<b>Conductivity (S/m)</b>	1.653557
<b>Variation (%)</b>	-4.610000

### SURFACE SAR

### VOLUME SAR

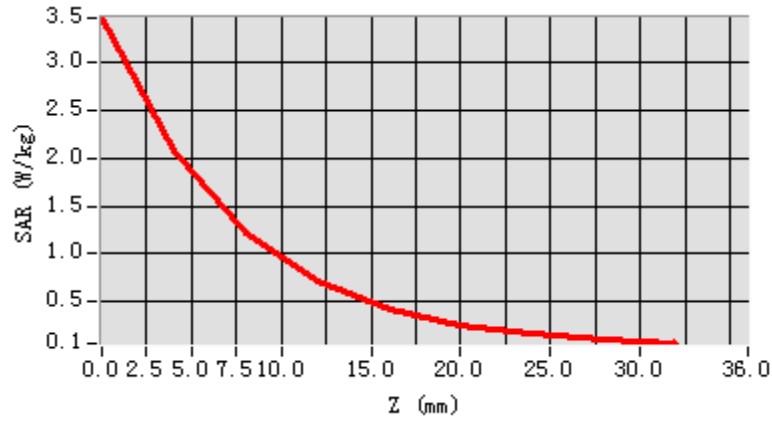


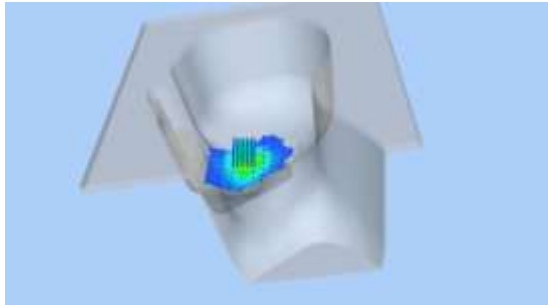
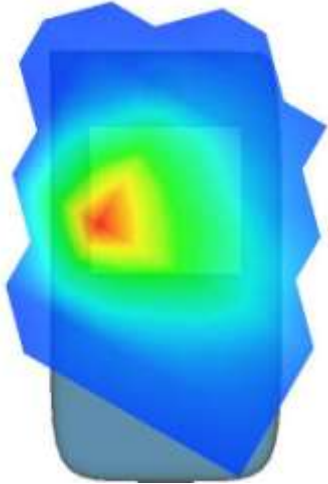
**Maximum location: X=-50.00, Y=-7.00**

**SAR Peak: 0.68 W/kg**

<b>SAR 10g (W/Kg)</b>	0.233706
<b>SAR1g (W/Kg)</b>	0.525318

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/kg)	3.4600	2.0813	1.2112	0.7146	0.4287	0.2614	0.1696	0.1072



3D screen shot	Hot spot position
	



## MEASUREMENT 6

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 55 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7,dx=5mm dy=5mmdz=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>Band4 UMTS</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>WCDMA (Crest factor: 1.0)</u>

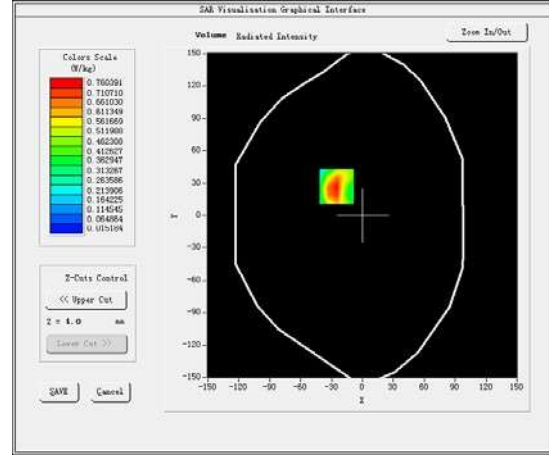
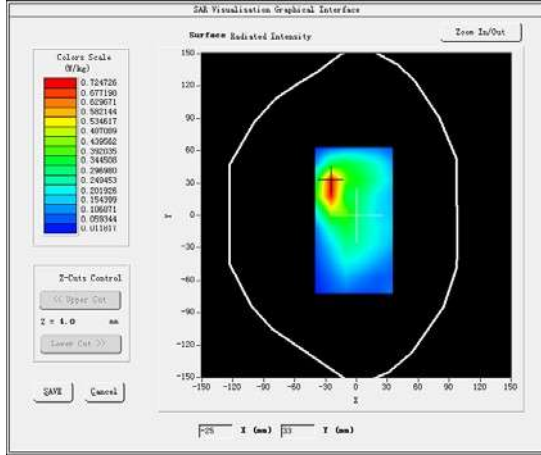
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 1412):

<b>Frequency (MHz)</b>	1732.600000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	12.930000
<b>Conductivity (S/m)</b>	1.400750
<b>Variation (%)</b>	-0.040000

### SURFACE SAR

### VOLUME SAR

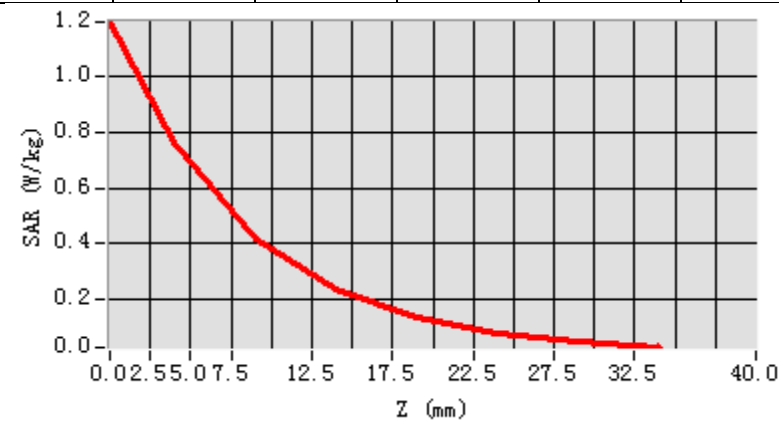


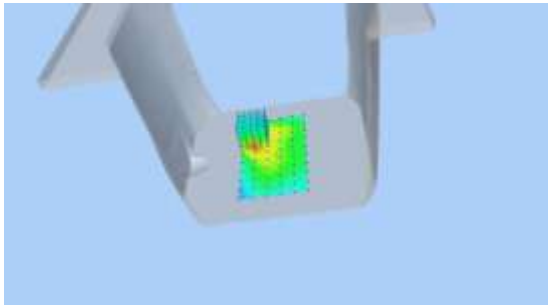
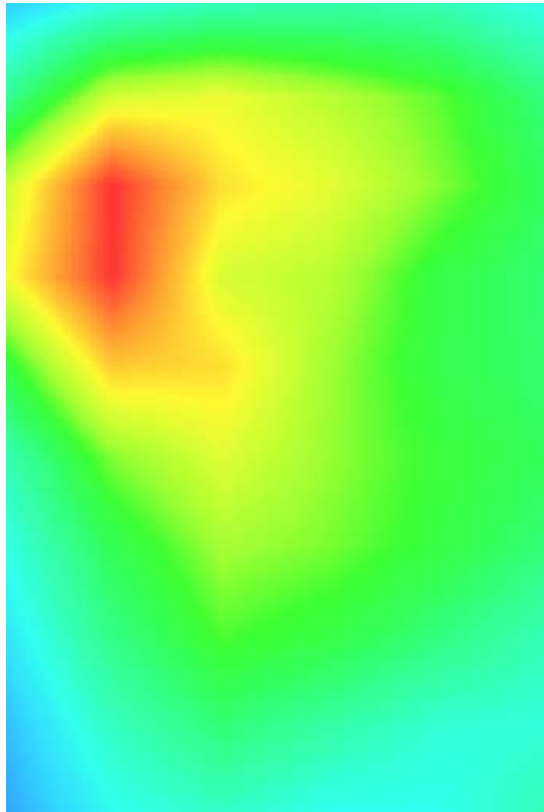
**Maximum location: X=-25.00, Y=27.00**

**SAR Peak: 0.25 W/kg**

<b>SAR 10g (W/Kg)</b>	0.055620
<b>SAR1g (W/Kg)</b>	0.103066

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1960	0.7604	0.4196	0.2366	0.1341	0.0763	0.0450



3D screen shot	Hot spot position
	

## MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 13 minutes 32 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7,dx=5mm dy=5mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>Band5 WCDMA900</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>WCDMA (Crest factor: 1.0)</u>

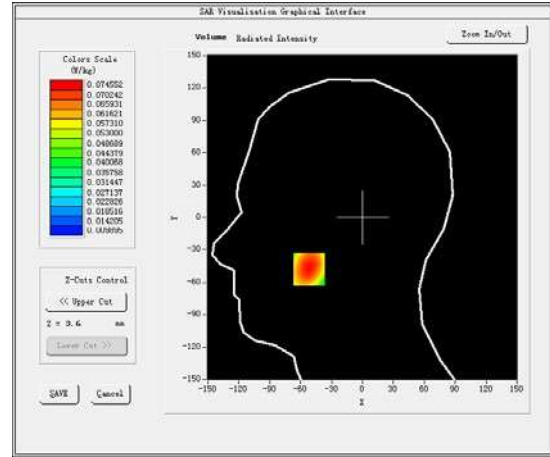
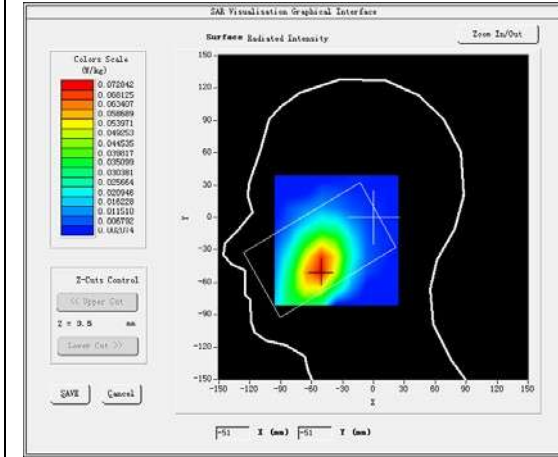
### **B. SAR Measurement Results**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400000
<b>Relative permittivity (real part)</b>	44.488998
<b>Relative permittivity (imaginary part)</b>	18.550301
<b>Conductivity (S/m)</b>	0.924423
<b>Variation (%)</b>	-0.740000

### SURFACE SAR

### VOLUME SAR

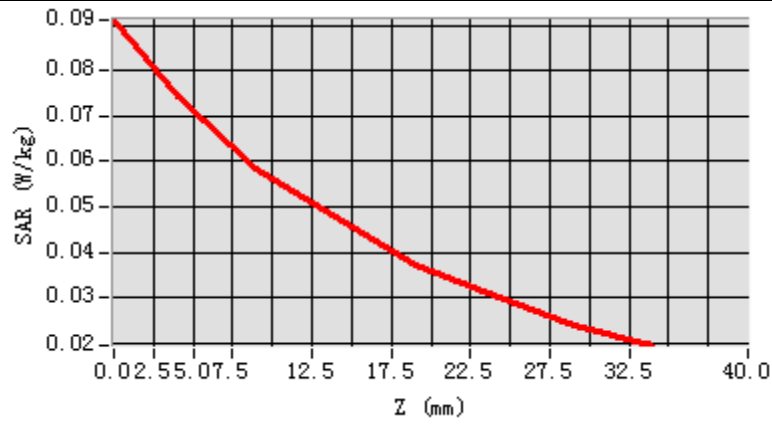


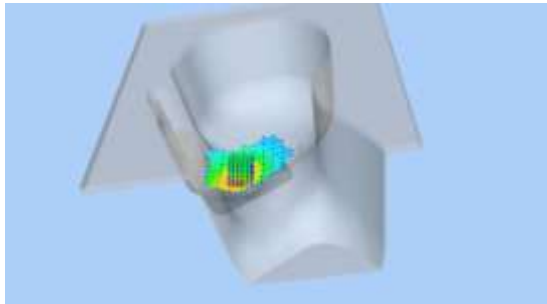
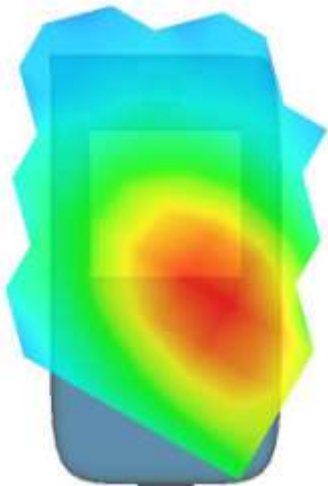
**Maximum location: X=-52.00, Y=-48.00**

**SAR Peak: 0.75 W/kg**

<b>SAR 10g (W/Kg)</b>	0.359028
<b>SAR1g (W/Kg)</b>	0.614703

<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>0.0912</b>	<b>0.0746</b>	<b>0.0586</b>	<b>0.0476</b>	<b>0.0374</b>	<b>0.0305</b>	<b>0.0240</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 8

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement:18/6/2024

Measurement duration: 16 minutes 27 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7,dx=5mm dy=5mmdz=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>Band5 WCDMA900</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>WCDMA (Crest factor: 1.0)</u>

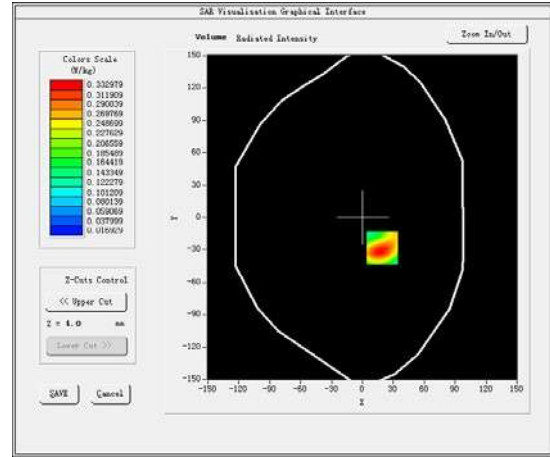
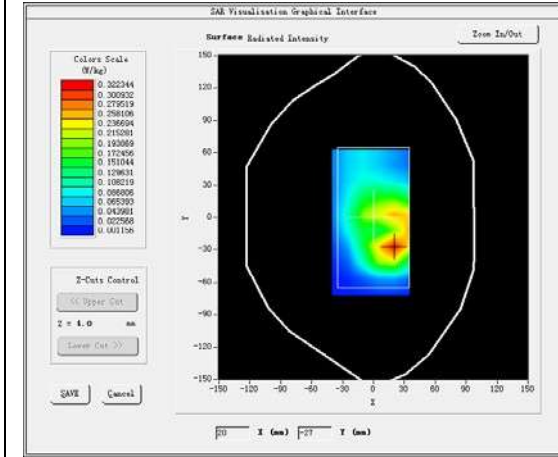
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 4182):

<b>Frequency (MHz)</b>	836.400000
<b>Relative permittivity (real part)</b>	44.488998
<b>Relative permittivity (imaginary part)</b>	18.550301
<b>Conductivity (S/m)</b>	0.924423
<b>Variation (%)</b>	-4.620000

### SURFACE SAR

### VOLUME SAR



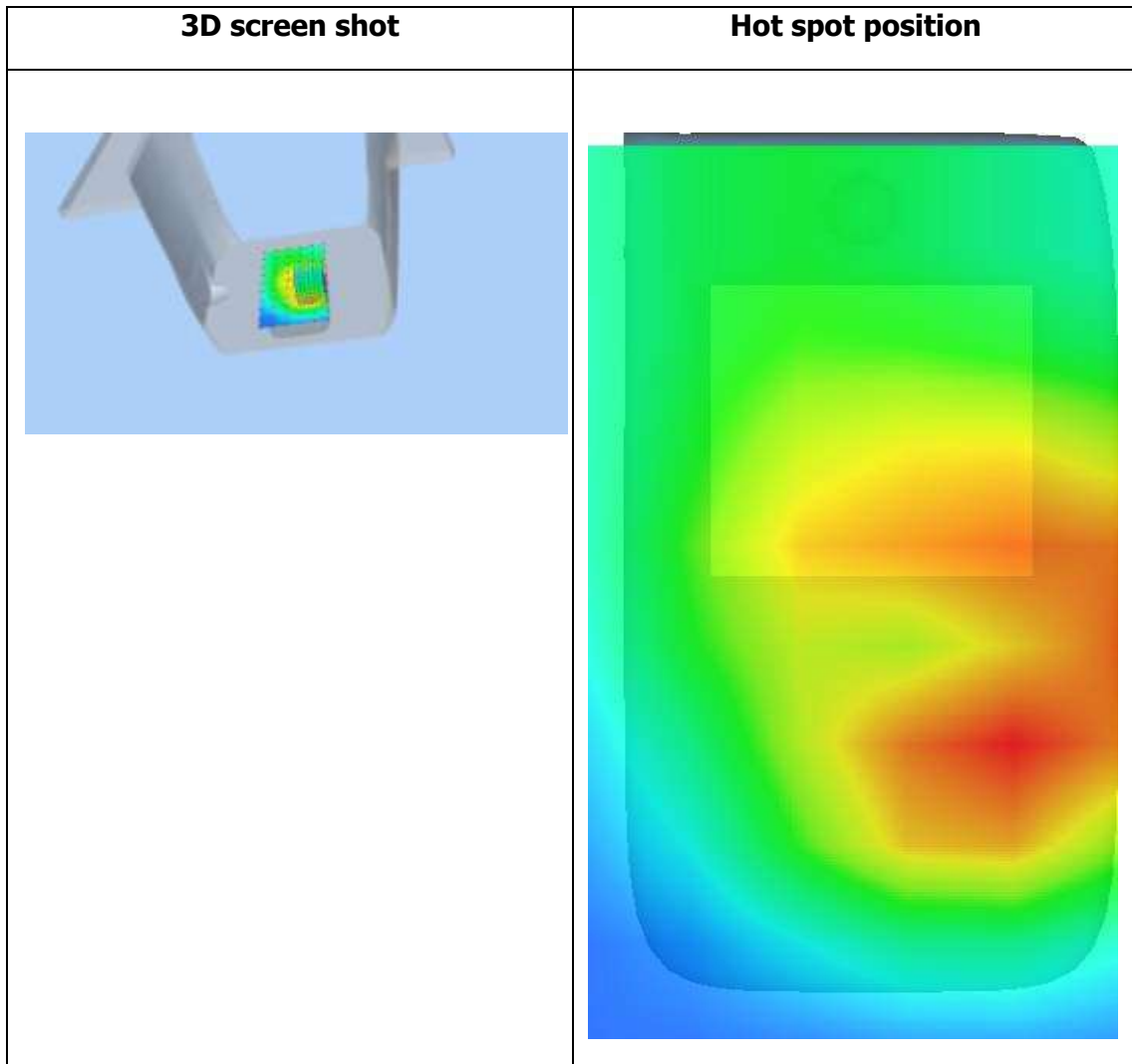
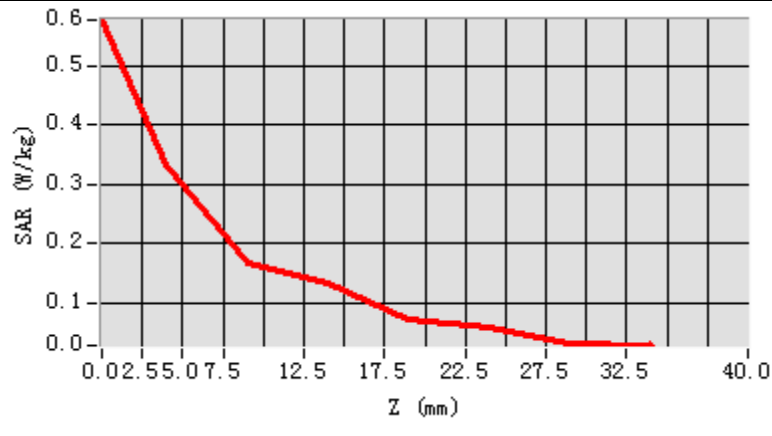
**Maximum location: X=19.00, Y=-28.00**

**SAR Peak: 0.24 W/kg**

<b>SAR 10g (W/Kg)</b>	0.090074
<b>SAR1g (W/Kg)</b>	0.150109



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5781	0.3330	0.1661	0.1339	0.0710	0.0594	0.0313



## MEASUREMENT 9

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

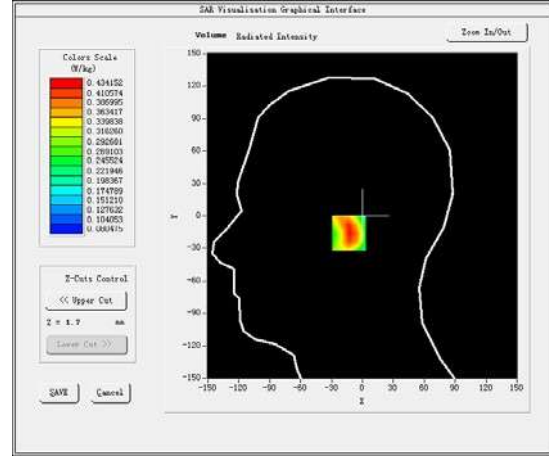
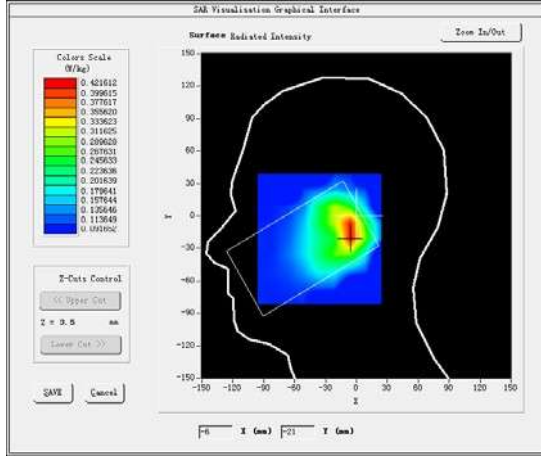
### **B. SAR Measurement Results**

Middleer Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.701649
<b>Relative permittivity (imaginary part)</b>	13.436550
<b>Conductivity (S/m)</b>	1.421662
<b>Variation (%)</b>	0.430000

### SURFACE SAR

### VOLUME SAR

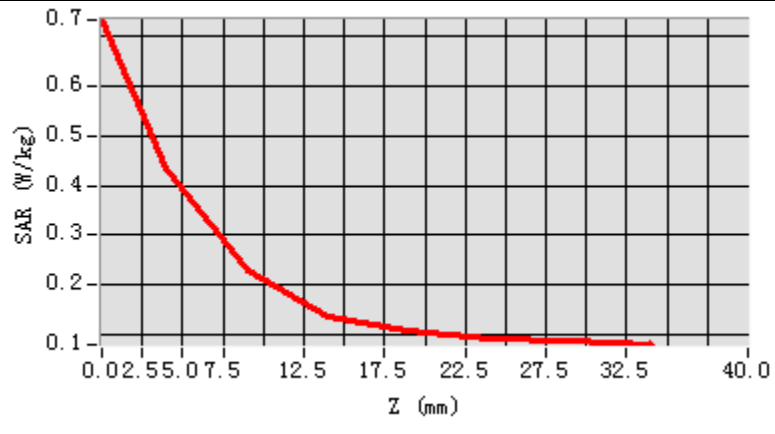


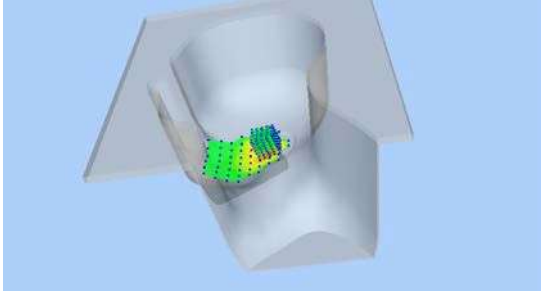
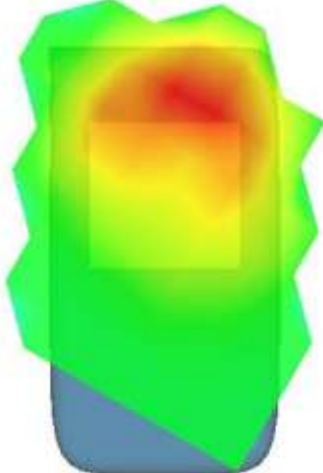
**Maximum location: X=-5.00, Y=-16.00**

**SAR Peak: 0.38 W/kg**

<b>SAR 10g (W/Kg)</b>	0.141616
<b>SAR1g (W/Kg)</b>	0.273090

<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>0.7322</b>	<b>0.4342</b>	<b>0.2282</b>	<b>0.1375</b>	<b>0.1072</b>	<b>0.0939</b>	<b>0.0875</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 10

Front-side-20M-1RB#99-Middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 8 minutes 0 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 2</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

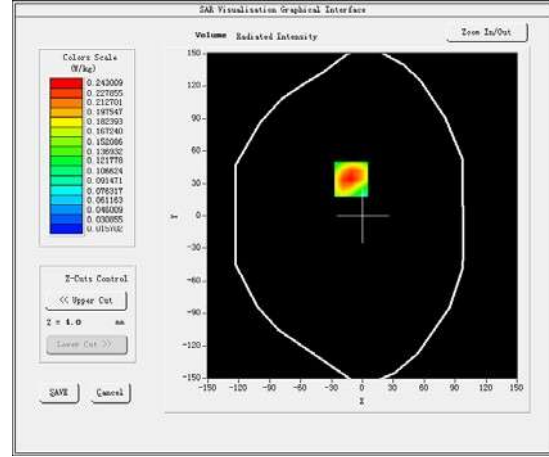
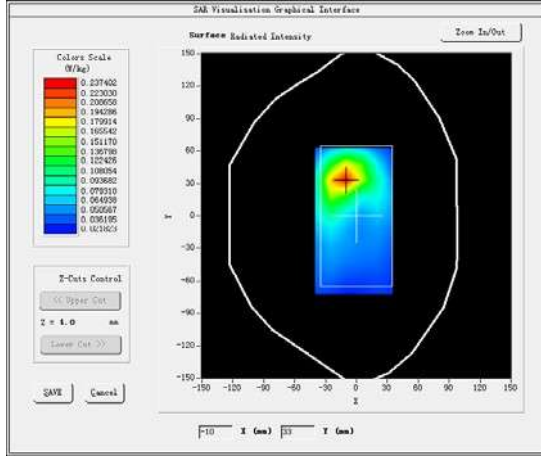
### **B. SAR Measurement Results**

Middleer Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	53.143749
<b>Relative permittivity (imaginary part)</b>	14.735750
<b>Conductivity (S/m)</b>	1.559124
<b>Variation (%)</b>	-1.850000

### SURFACE SAR

### VOLUME SAR

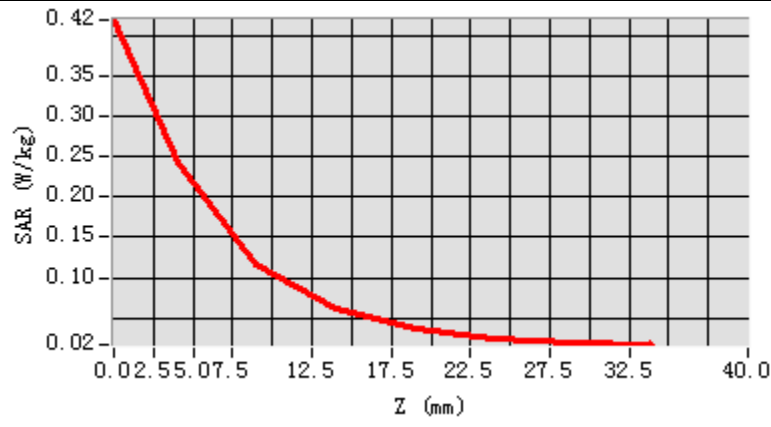


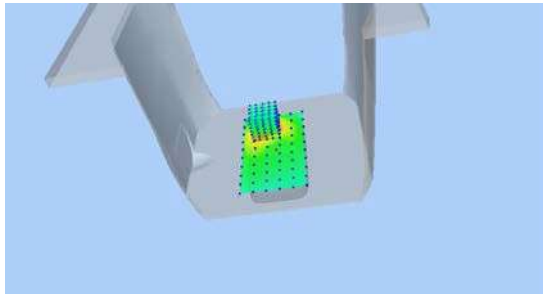
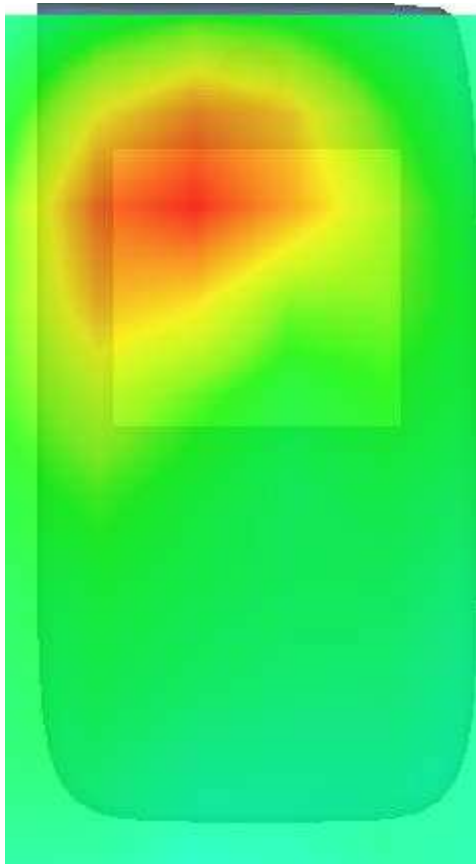
**Maximum location: X=-11.00, Y=34.00**

**SAR Peak: 0.41 W/kg**

<b>SAR 10g (W/Kg)</b>	0.103817
<b>SAR1g (W/Kg)</b>	0.211560

<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>0.4194</b>	<b>0.2430</b>	<b>0.1171</b>	<b>0.0614</b>	<b>0.0359</b>	<b>0.0245</b>	<b>0.0194</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 11

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 23/6/2024

Measurement duration: 8 minutes 5 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

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

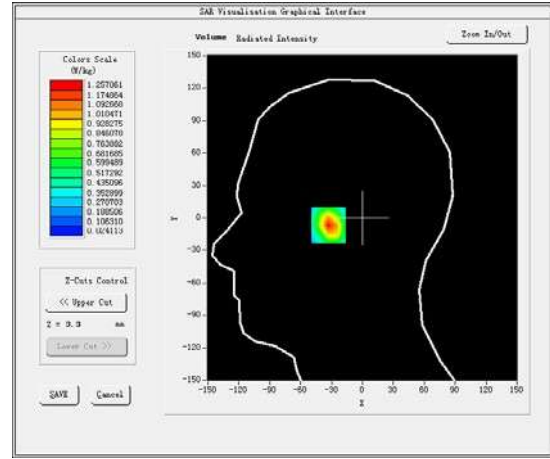
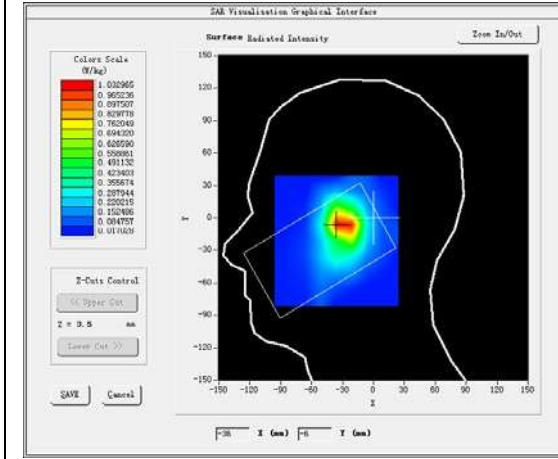
Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	54.198448
<b>Relative permittivity (imaginary part)</b>	15.770850
<b>Conductivity (S/m)</b>	1.517944
<b>Variation (%)</b>	-2.050000



### SURFACE SAR

### VOLUME SAR

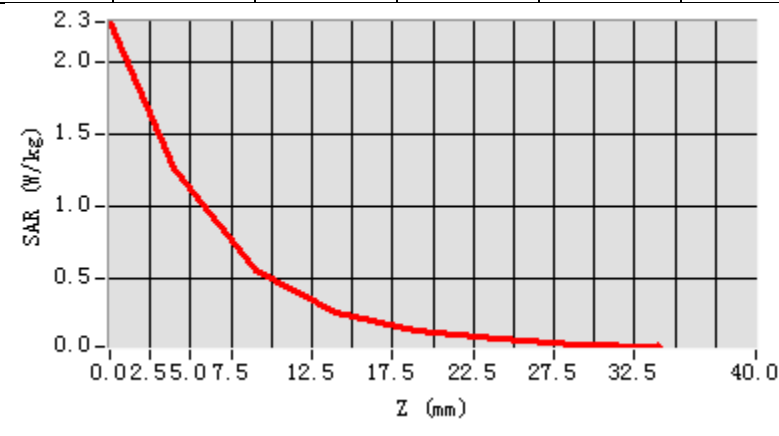


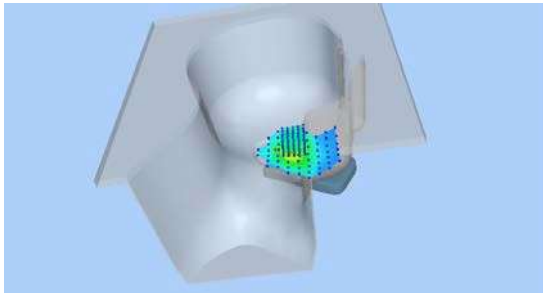
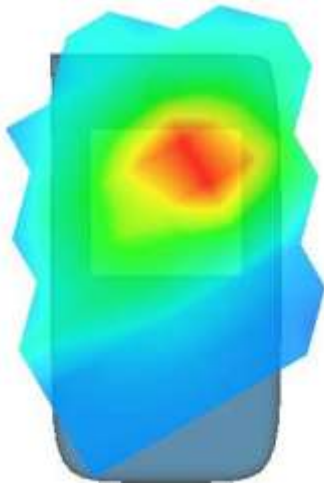
**Maximum location: X=-30.00, Y=-6.00**

**SAR Peak: 0.62 W/kg**

<b>SAR 10g (W/Kg)</b>	0.205619
<b>SAR1g (W/Kg)</b>	0.461004

<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>2.2716</b>	<b>1.2571</b>	<b>0.5564</b>	<b>0.2616</b>	<b>0.1392</b>	<b>0.0816</b>	<b>0.0496</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 12

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 23/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm</u> <u>dy=8mmdz=5mm,Complete</u> <u>e</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>LTE band 4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

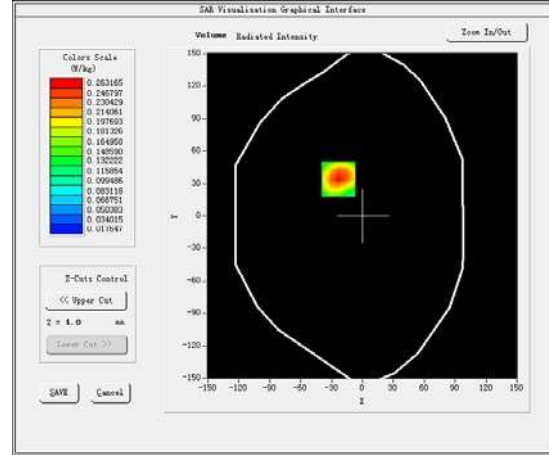
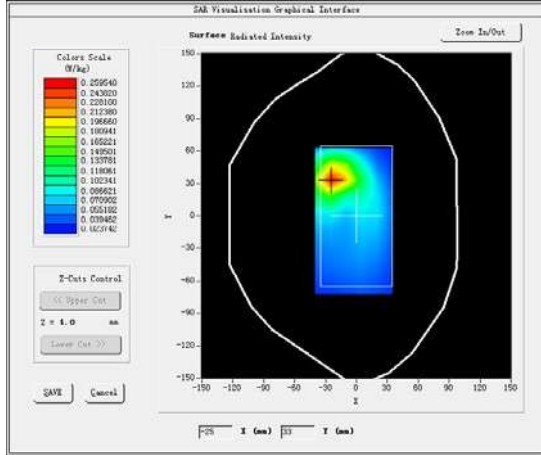
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	54.198448
<b>Relative permittivity (imaginary part)</b>	15.770850
<b>Conductivity (S/m)</b>	1.517944
<b>Variation (%)</b>	-1.010000

### SURFACE SAR

### VOLUME SAR

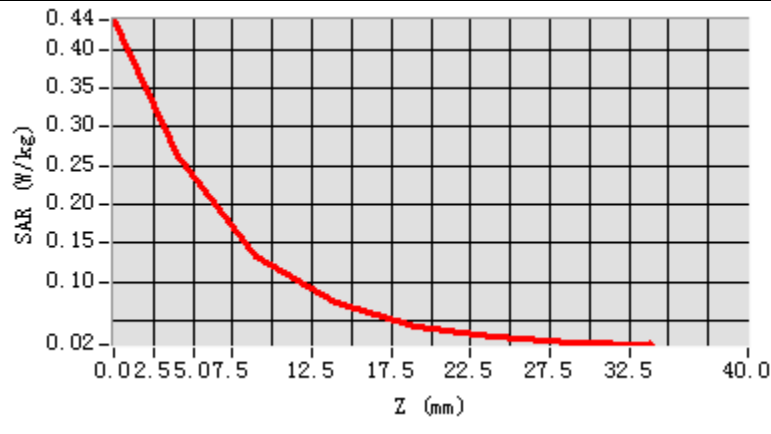


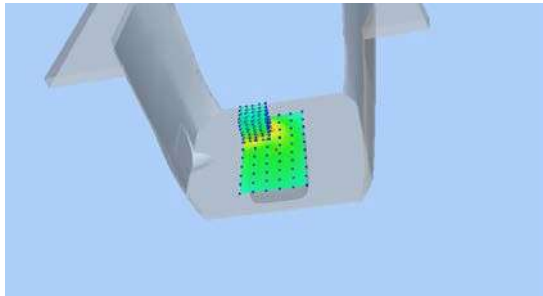
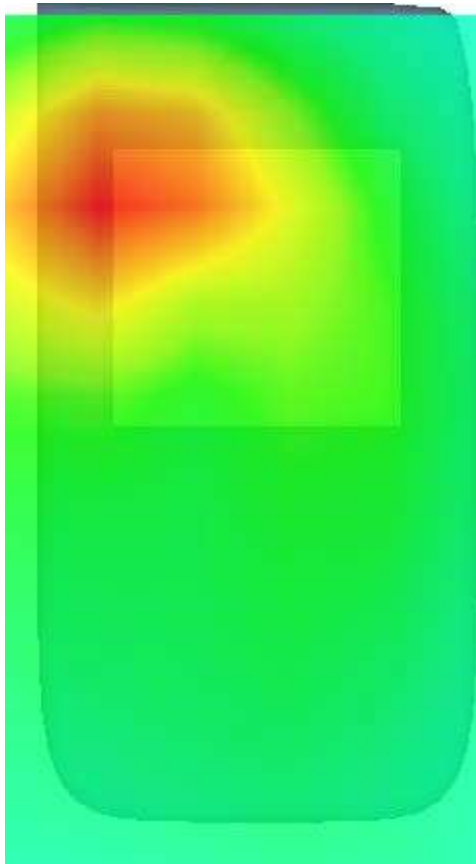
**Maximum location: X=-23.00, Y=34.00**

**SAR Peak: 0.17 W/kg**

<b>SAR 10g (W/Kg)</b>	0.042507
<b>SAR1g (W/Kg)</b>	0.080165

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4383	0.2632	0.1342	0.0730	0.0433	0.0293	0.0228



3D screen shot	Hot spot position
	

## MEASUREMENT 13

20M-1RB#49

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 7 minutes 54 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 5</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

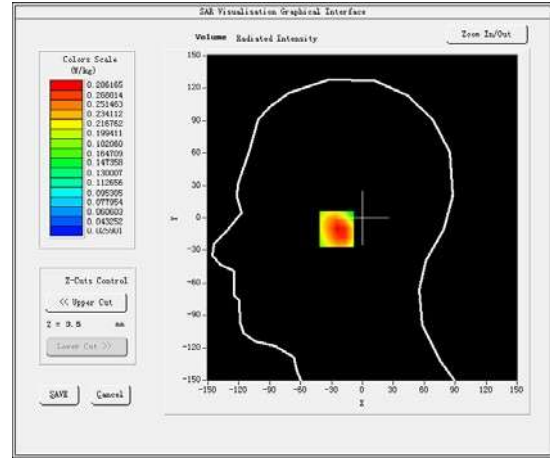
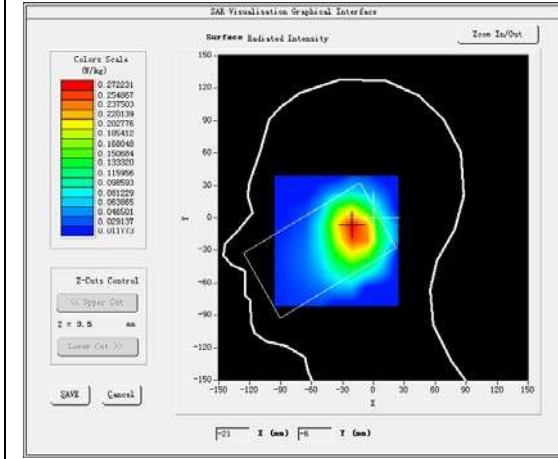
### **B. SAR Measurement Results**

Middleer Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	40.488499
<b>Relative permittivity (imaginary part)</b>	20.173700
<b>Conductivity (S/m)</b>	0.945362
<b>Variation (%)</b>	-4.710000

### SURFACE SAR

### VOLUME SAR

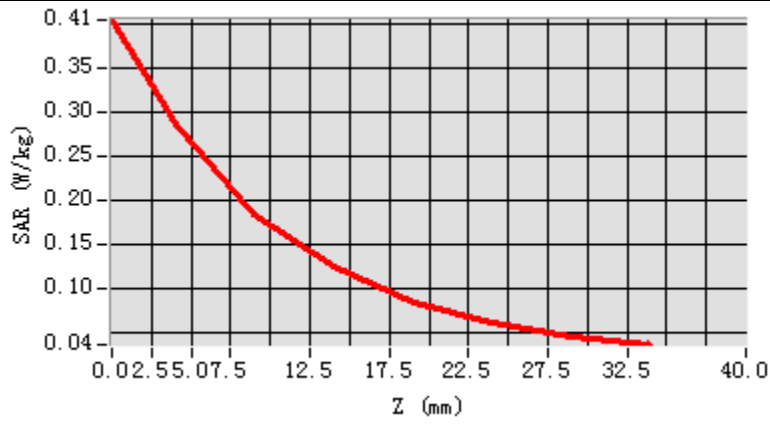


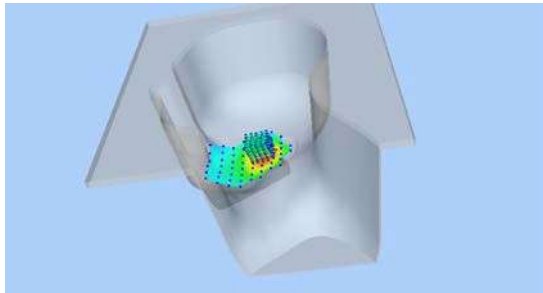
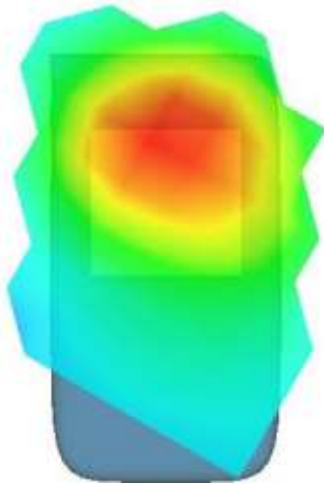
**Maximum location: X=-19.00, Y=-10.00**

**SAR Peak: 0.70 W/kg**

<b>SAR 10g (W/Kg)</b>	0.334620
<b>SAR1g (W/Kg)</b>	0.554709

<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>0.4053</b>	<b>0.2862</b>	<b>0.1848</b>	<b>0.1234</b>	<b>0.0841</b>	<b>0.0598</b>	<b>0.0455</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 14

Rear-side-20M-1RB#99 -Middle

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 8 minutes 16 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>LTE band 5</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

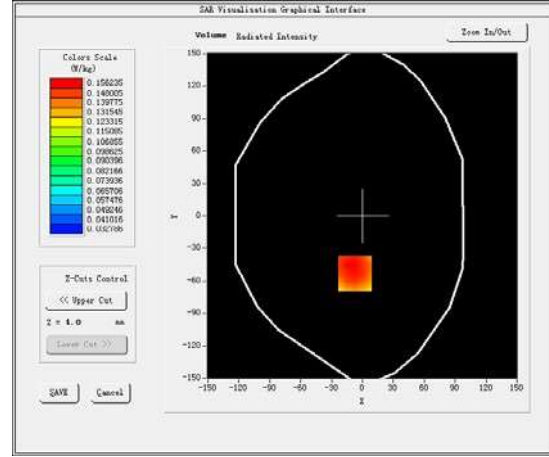
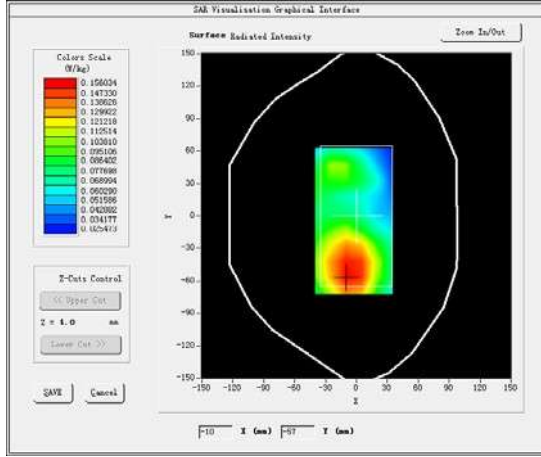
### **B. SAR Measurement Results**

Middleer Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	53.594849
<b>Relative permittivity (imaginary part)</b>	20.783649
<b>Conductivity (S/m)</b>	0.973945
<b>Variation (%)</b>	-2.200000

### SURFACE SAR

### VOLUME SAR

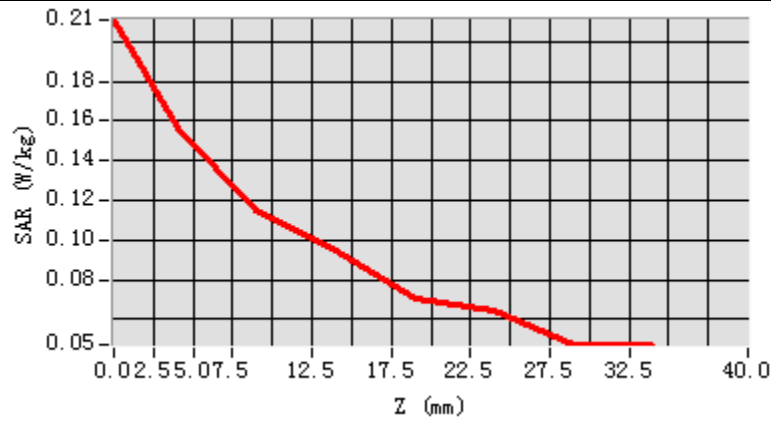


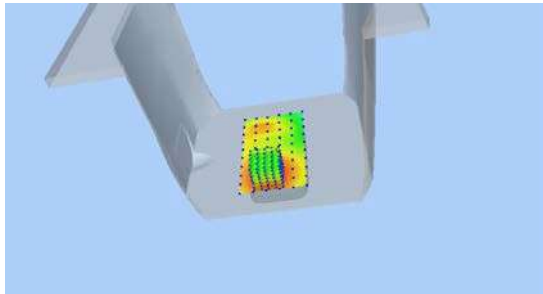
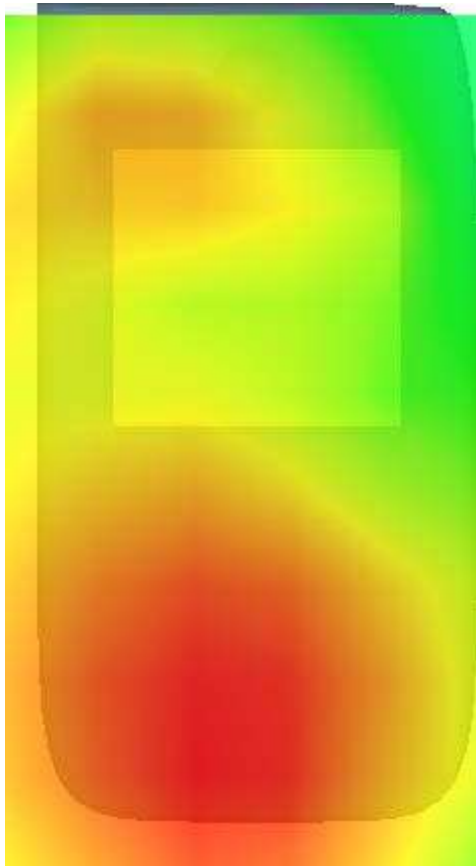
**Maximum location: X=-7.00, Y=-53.00**

**SAR Peak: 0.31 W/kg**

<b>SAR 10g (W/Kg)</b>	0.087460
<b>SAR1g (W/Kg)</b>	0.146382

<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>0.2108</b>	<b>0.1562</b>	<b>0.1148</b>	<b>0.0951</b>	<b>0.0709</b>	<b>0.0643</b>	<b>0.0474</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 15

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 56 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm</u> <u>dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 7</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

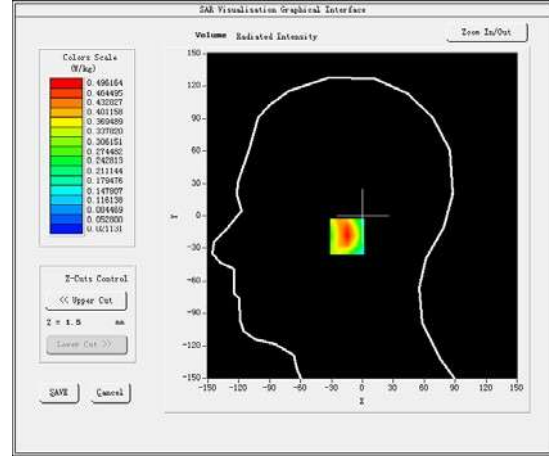
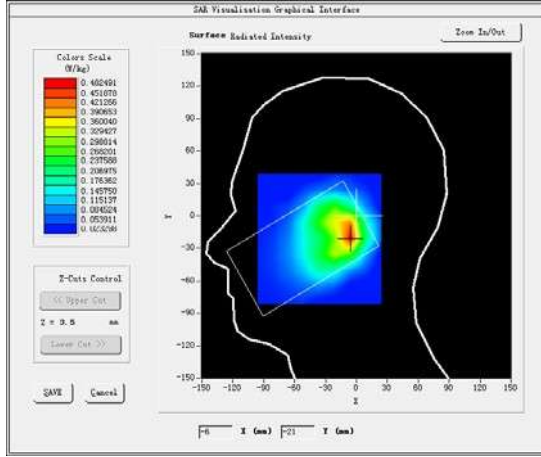
### **B. SAR Measurement Results**

Middle Band SAR (Channel 211000):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	40.382000
<b>Relative permittivity (imaginary part)</b>	13.395600
<b>Conductivity (S/m)</b>	1.867942
<b>Variation (%)</b>	1.300000

### SURFACE SAR

### VOLUME SAR

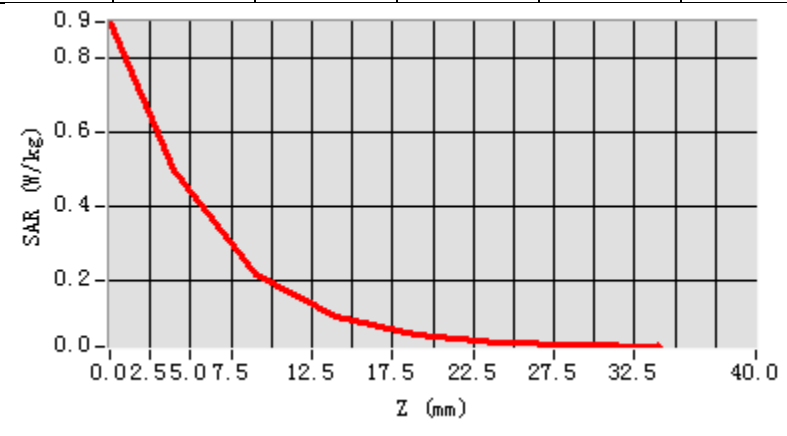


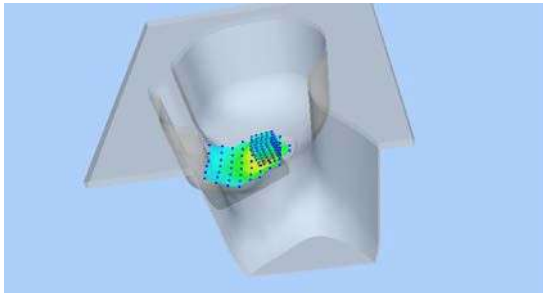
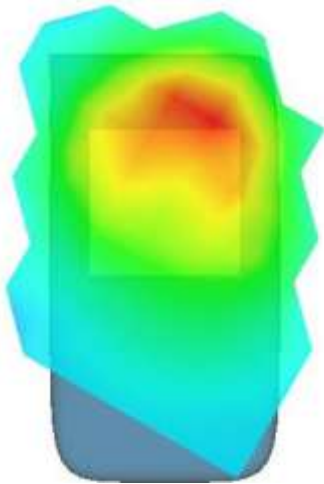
**Maximum location: X=-7.00, Y=-19.00**

**SAR Peak: 0.43 W/kg**

<b>SAR 10g (W/Kg)</b>	0.1215083
<b>SAR1g (W/Kg)</b>	0.286294

<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>0.8977</b>	<b>0.4962</b>	<b>0.2188</b>	<b>0.1053</b>	<b>0.0571</b>	<b>0.0356</b>	<b>0.0267</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 16

Left-side-20M-1RB#99-middle-Low

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 8 minutes 0 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 7</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

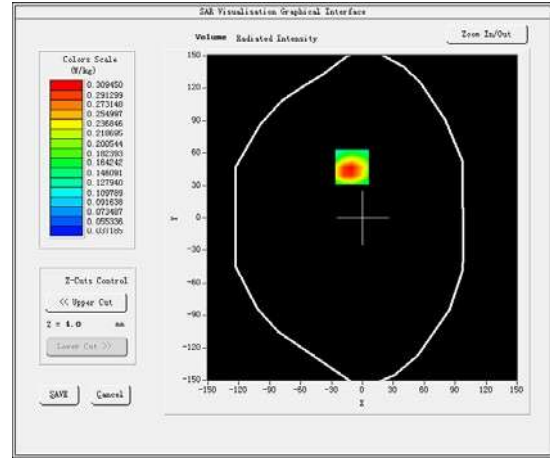
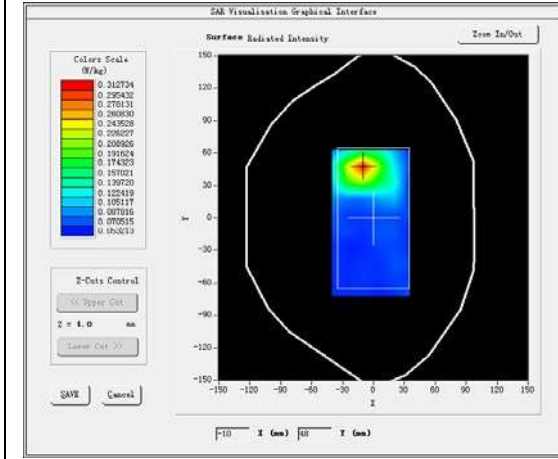
### **B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	52.697201
<b>Relative permittivity (imaginary part)</b>	15.070500
<b>Conductivity (S/m)</b>	2.101497
<b>Variation (%)</b>	-0.800000

### SURFACE SAR

### VOLUME SAR



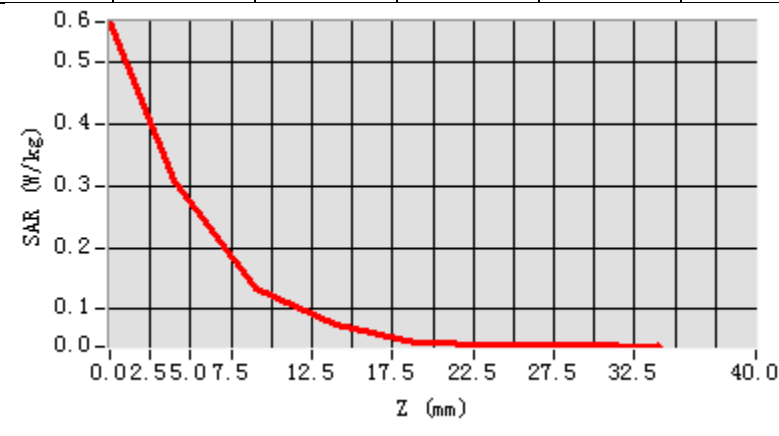
**Maximum location: X=-10.00, Y=47.00**

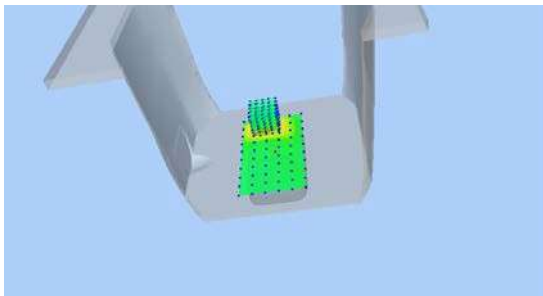
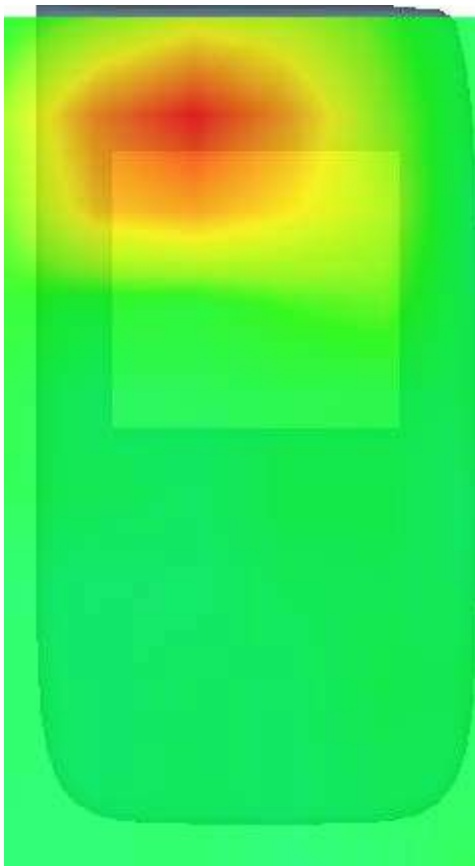
**SAR Peak: 0.17 W/kg**

<b>SAR 10g (W/Kg)</b>	0.040865
<b>SAR1g (W/Kg)</b>	0.090479



<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>0.5665</b>	<b>0.3095</b>	<b>0.1338</b>	<b>0.0742</b>	<b>0.0451</b>	<b>0.0424</b>	<b>0.0412</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 17

10M-1RB#49

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm</u> <u>dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 12</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1:1.58)</u>

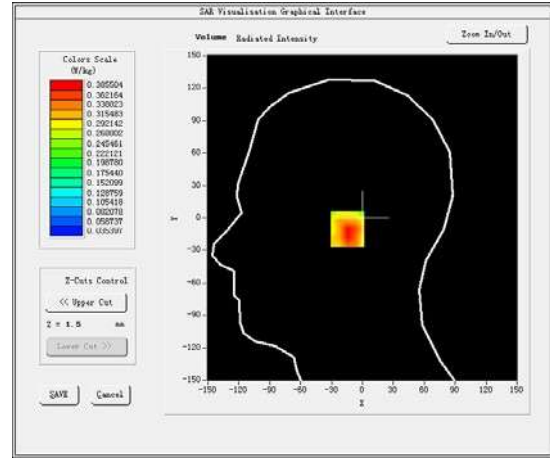
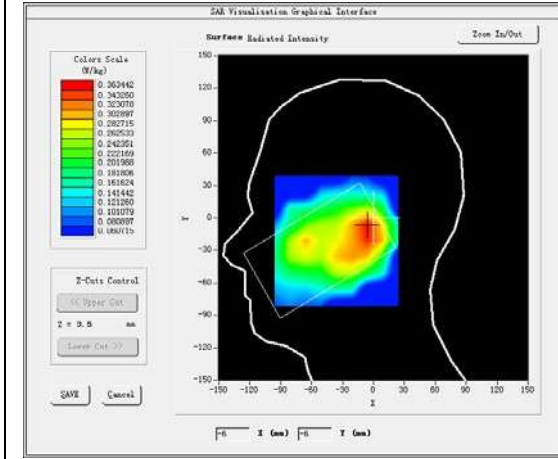
### **B. SAR Measurement Results**

Middle Band SAR (Channel 23095):

<b>Frequency (MHz)</b>	707.500000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-1.100000

### SURFACE SAR

### VOLUME SAR

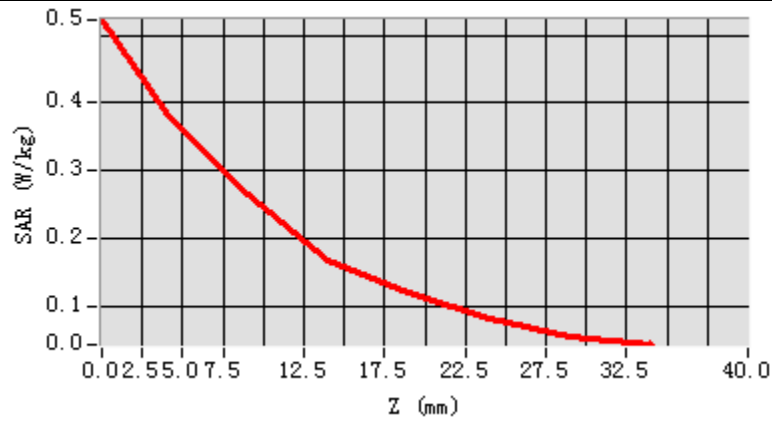


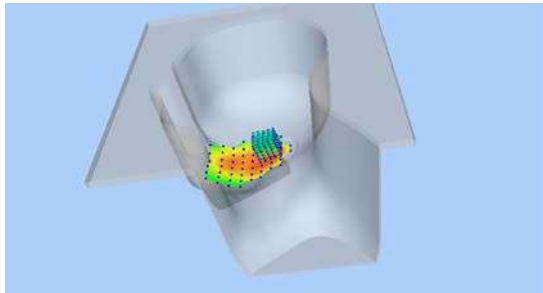
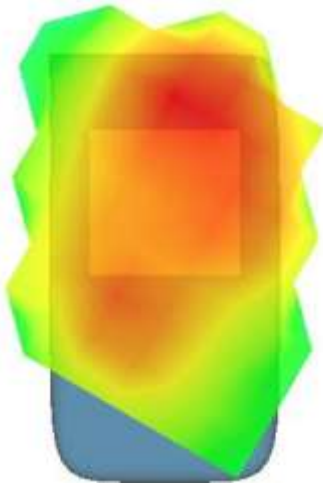
**Maximum location: X=-7.00, Y=-10.00**

**SAR Peak: 0.39 W/kg**

<b>SAR 10g (W/Kg)</b>	0.128374
<b>SAR1g (W/Kg)</b>	0.223570

<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>0.5227</b>	<b>0.3855</b>	<b>0.2652</b>	<b>0.1661</b>	<b>0.1185</b>	<b>0.0829</b>	<b>0.0543</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 18

Rear-side-10M-1RB#49-middle

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 10 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 12</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1:1.58)</u>

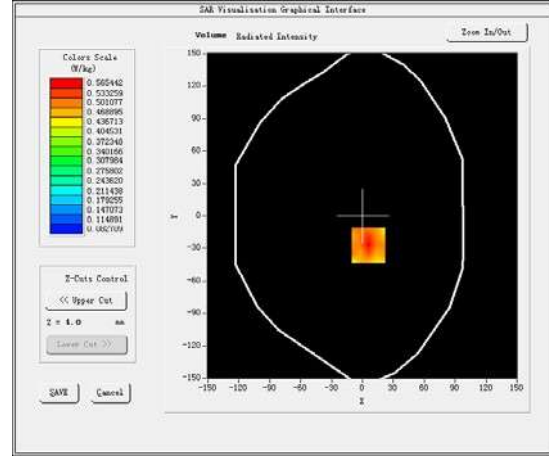
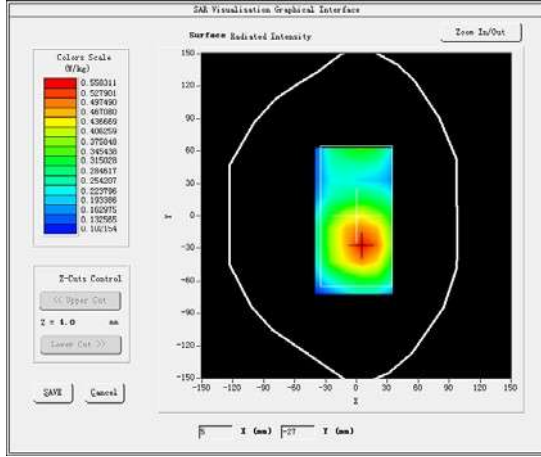
### **B. SAR Measurement Results**

Middle Band SAR (Channel 23095):

<b>Frequency (MHz)</b>	707.500000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-1.010000

### SURFACE SAR

### VOLUME SAR

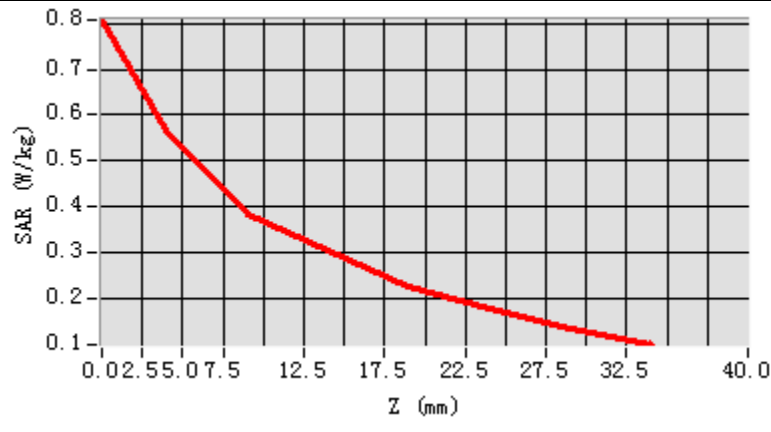


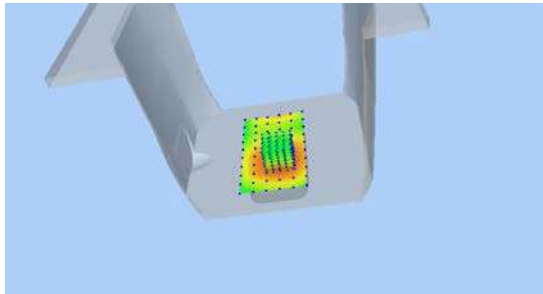
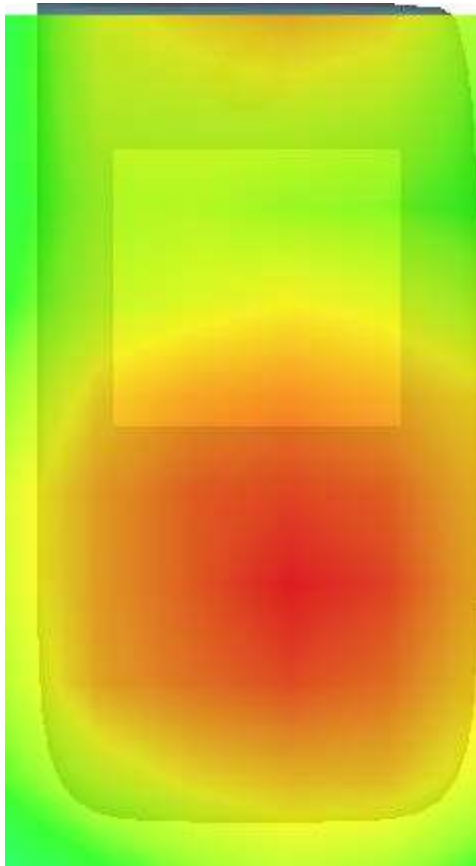
**Maximum location: X=6.00, Y=-27.00**

**SAR Peak: 0.15 W/kg**

<b>SAR 10g (W/Kg)</b>	0.053096
<b>SAR1g (W/Kg)</b>	0.071893

<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>0.8077</b>	<b>0.5654</b>	<b>0.3809</b>	<b>0.3025</b>	<b>0.2263</b>	<b>0.1773</b>	<b>0.1341</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 19

10M-1RB#49

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm</u> <u>dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 17</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1:1.58)</u>

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

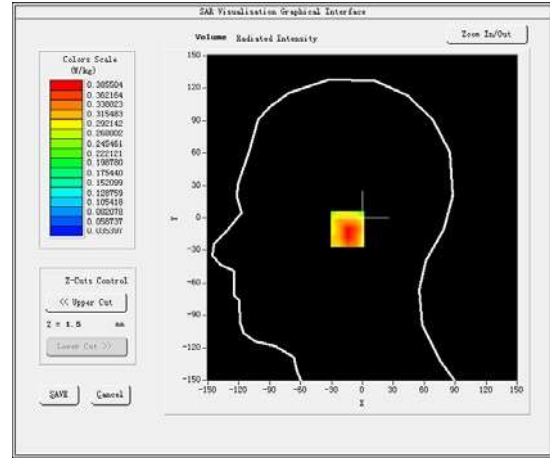
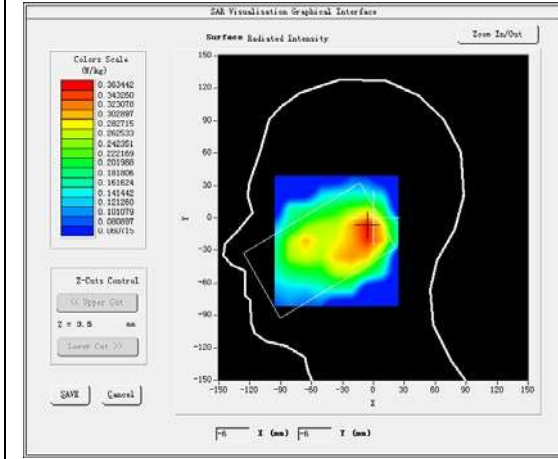
Middle Band SAR (Channel 23790):

<b>Frequency (MHz)</b>	710.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-1.030000



### SURFACE SAR

### VOLUME SAR

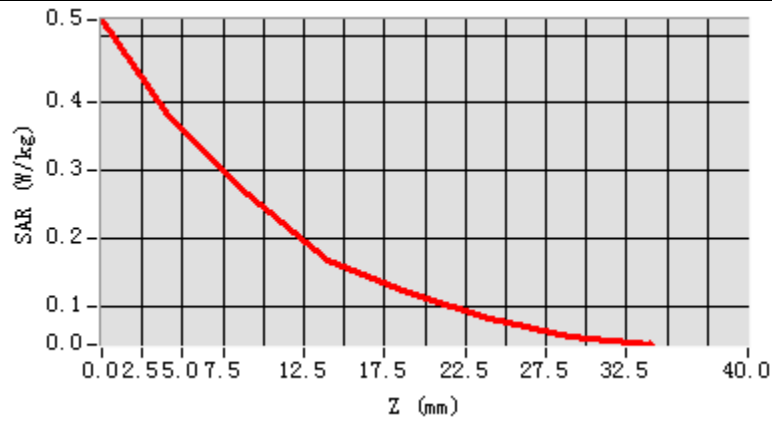


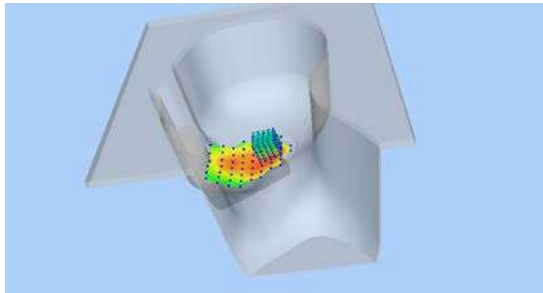
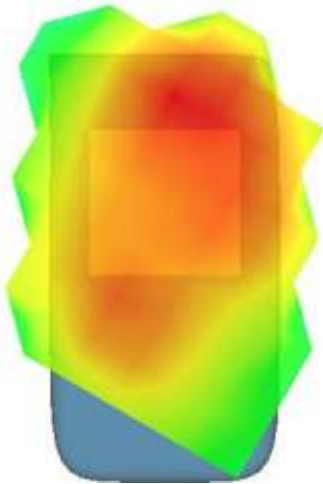
**Maximum location: X=-7.00, Y=-10.00**

**SAR Peak: 0.41 W/kg**

<b>SAR 10g (W/Kg)</b>	0.130746
<b>SAR1g (W/Kg)</b>	0.227605

<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>0.5227</b>	<b>0.3855</b>	<b>0.2652</b>	<b>0.1661</b>	<b>0.1185</b>	<b>0.0829</b>	<b>0.0543</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 20

Rear-side-10M-1RB#49-middle

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 10 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 17</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1:1.58)</u>

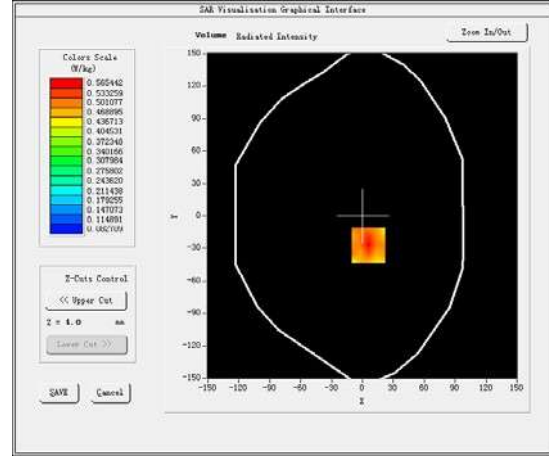
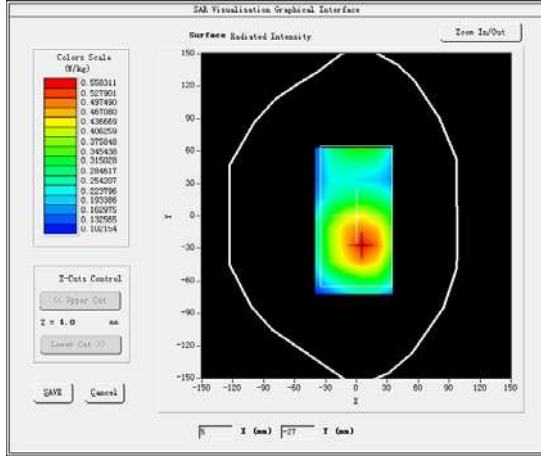
### **B. SAR Measurement Results**

Middle Band SAR (Channel 23790):

<b>Frequency (MHz)</b>	710.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-3.290000

### SURFACE SAR

### VOLUME SAR

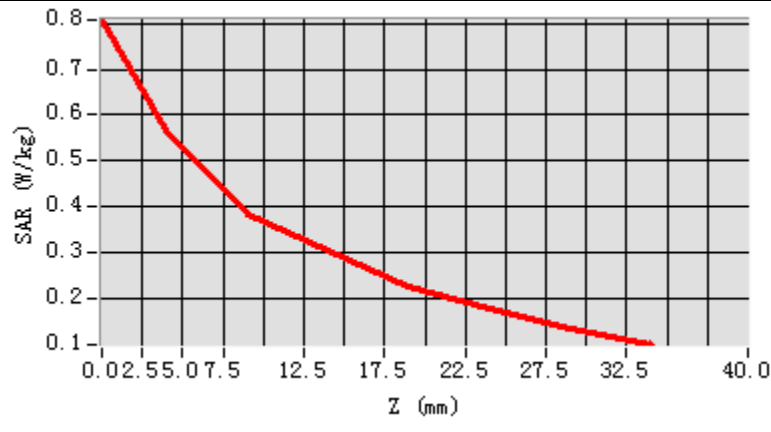


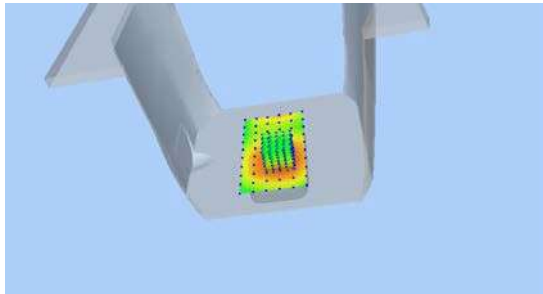
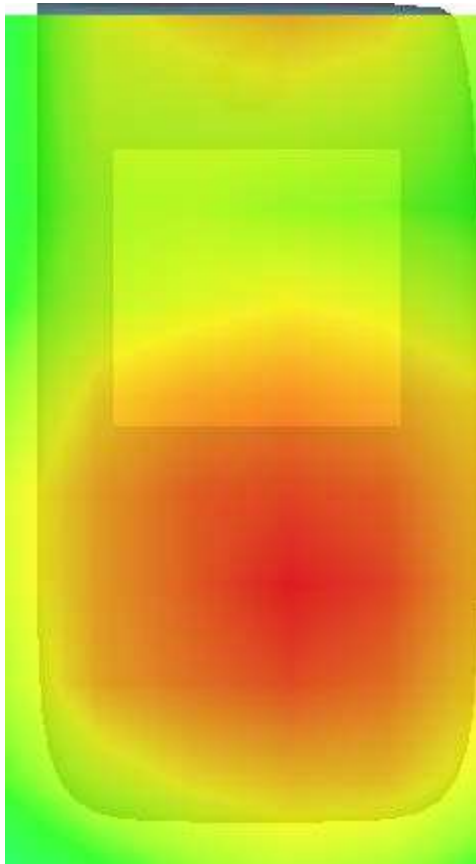
**Maximum location: X=6.00, Y=-27.00**

**SAR Peak: 0.13 W/kg**

<b>SAR 10g (W/Kg)</b>	0.054196
<b>SAR1g (W/Kg)</b>	0.073614

<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>0.8077</b>	<b>0.5654</b>	<b>0.3809</b>	<b>0.3025</b>	<b>0.2263</b>	<b>0.1773</b>	<b>0.1341</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 21

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1:1.58)</u>

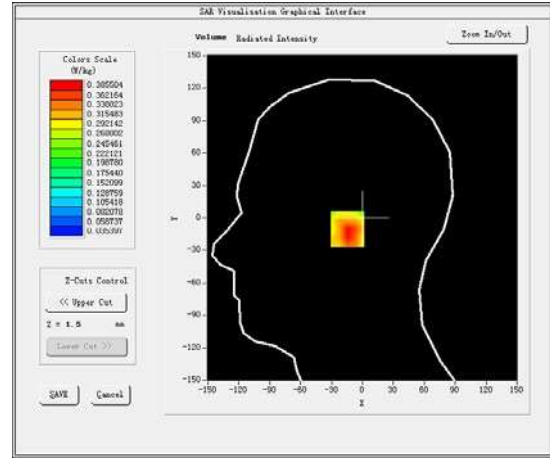
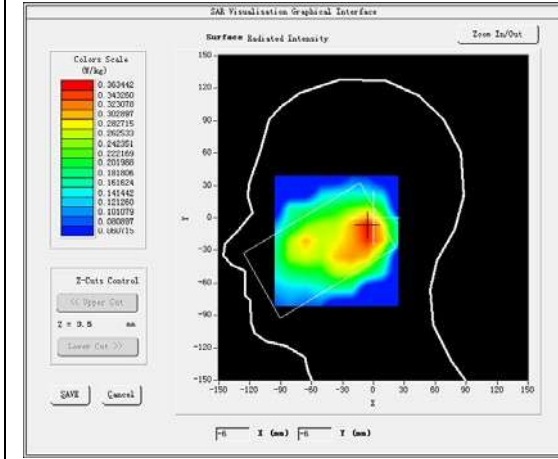
### **B. SAR Measurement Results**

Middle Band SAR (Channel 38000):

<b>Frequency (MHz)</b>	2595.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-2.090000

### SURFACE SAR

### VOLUME SAR

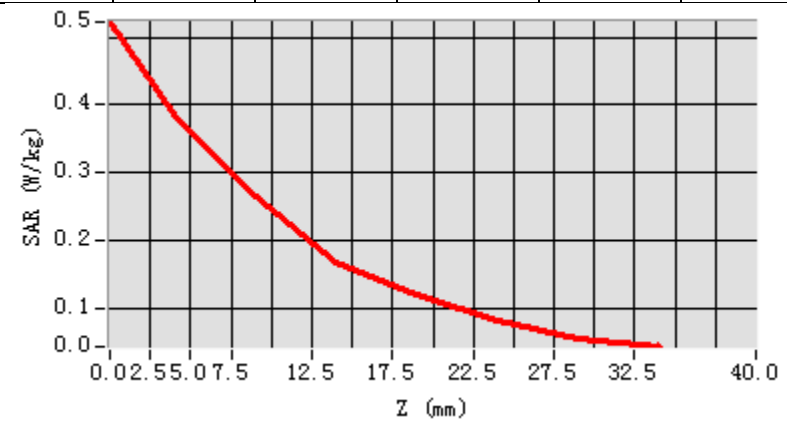


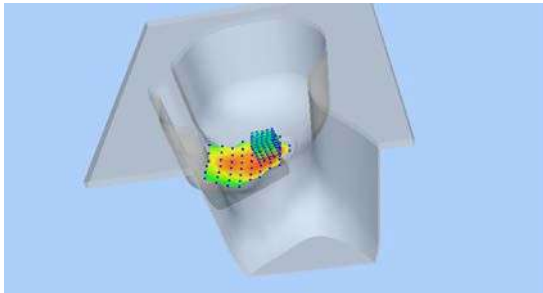
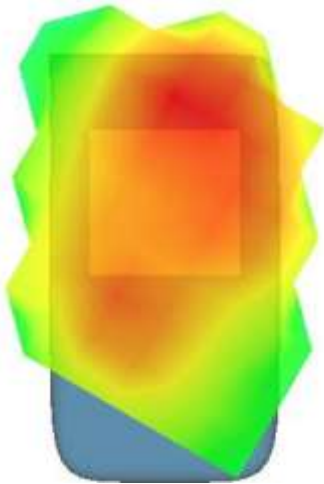
**Maximum location: X=-7.00, Y=-10.00**

**SAR Peak: 0.60 W/kg**

<b>SAR 10g (W/Kg)</b>	0.210096
<b>SAR1g (W/Kg)</b>	0.482810

<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>0.5227</b>	<b>0.3855</b>	<b>0.2652</b>	<b>0.1661</b>	<b>0.1185</b>	<b>0.0829</b>	<b>0.0543</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 22

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 10 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1:1.58)</u>

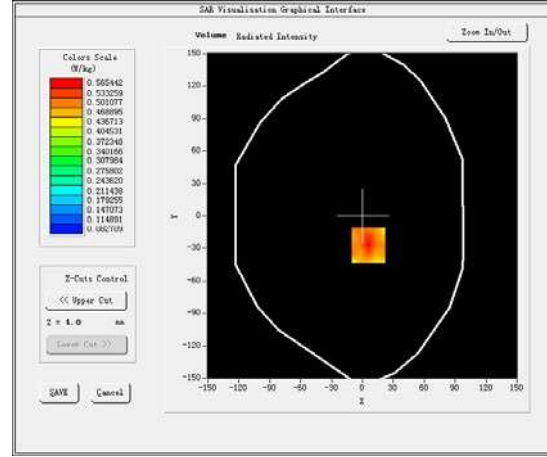
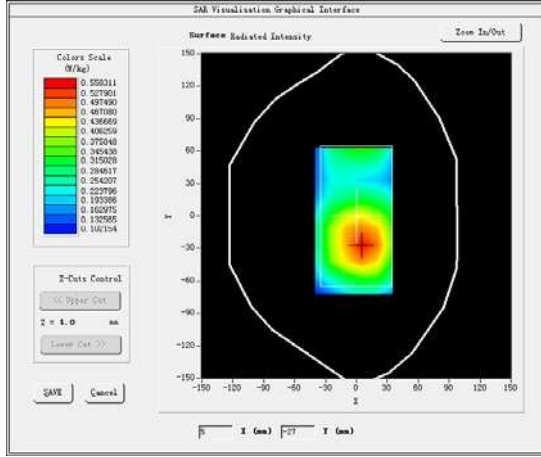
### **B. SAR Measurement Results**

Middle Band SAR (Channel 38000):

<b>Frequency (MHz)</b>	2595.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-1.510000

### SURFACE SAR

### VOLUME SAR

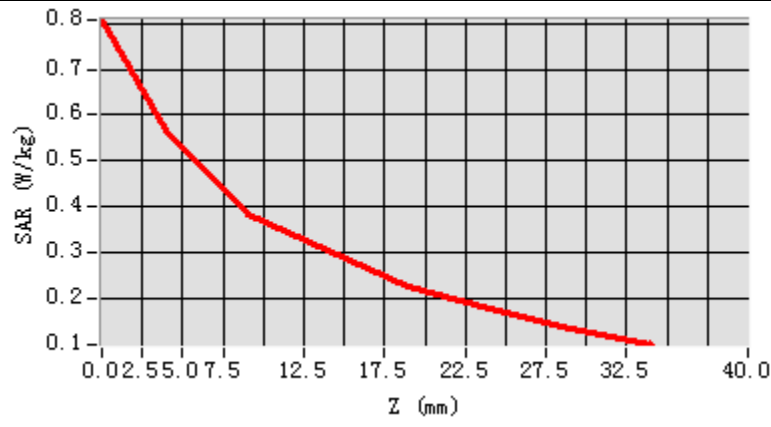


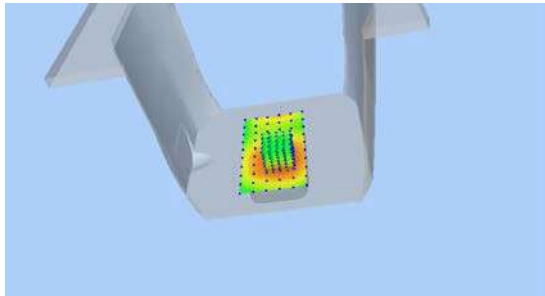
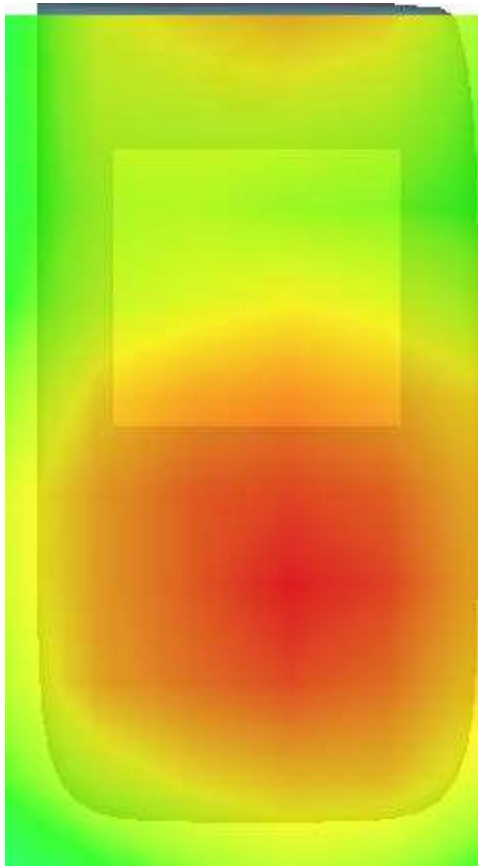
**Maximum location: X=6.00, Y=-27.00**

**SAR Peak: 0.28 W/kg**

<b>SAR 10g (W/Kg)</b>	0.075293
<b>SAR1g (W/Kg)</b>	0.171608

<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>0.8077</b>	<b>0.5654</b>	<b>0.3809</b>	<b>0.3025</b>	<b>0.2263</b>	<b>0.1773</b>	<b>0.1341</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 23

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 41</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

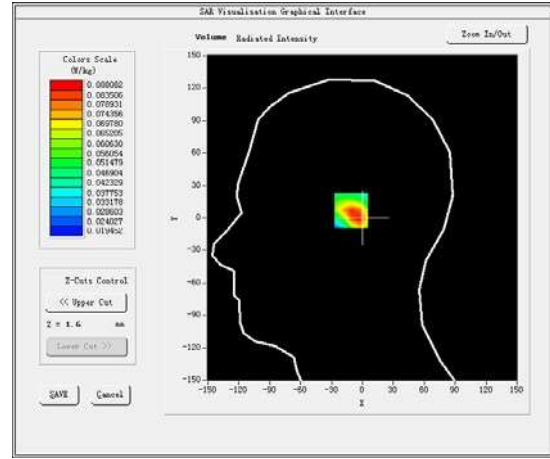
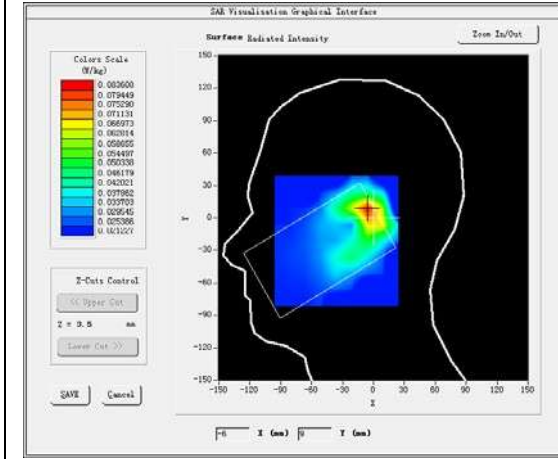
### **B. SAR Measurement Results**

Middle Band SAR (Channel 40620):

<b>Frequency (MHz)</b>	2593.000000
<b>Relative permittivity (real part)</b>	39.125332
<b>Relative permittivity (imaginary part)</b>	13.350667
<b>Conductivity (S/m)</b>	1.858709
<b>Variation (%)</b>	-0.720000

### SURFACE SAR

### VOLUME SAR

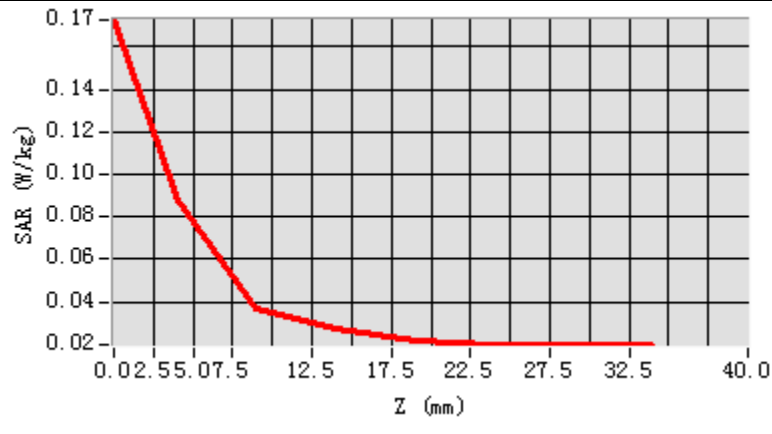


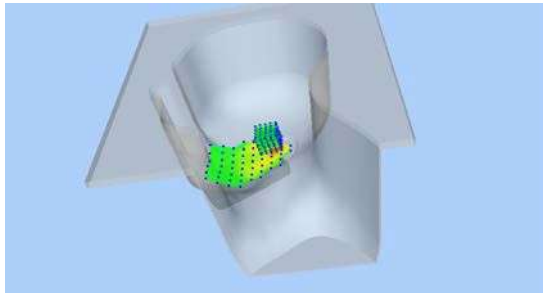
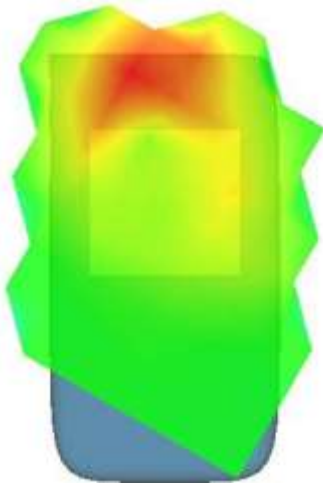
**Maximum location: X=-6.00, Y=7.00**

**SAR Peak: 0.62 W/kg**

<b>SAR 10g (W/Kg)</b>	0.210437
<b>SAR1g (W/Kg)</b>	0.487516

<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>0.1727</b>	<b>0.0881</b>	<b>0.0367</b>	<b>0.0272</b>	<b>0.0220</b>	<b>0.0202</b>	<b>0.0199</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 24

Rear-side-20M-1RB#99-middle-Low

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 7 minutes 31 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 41</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

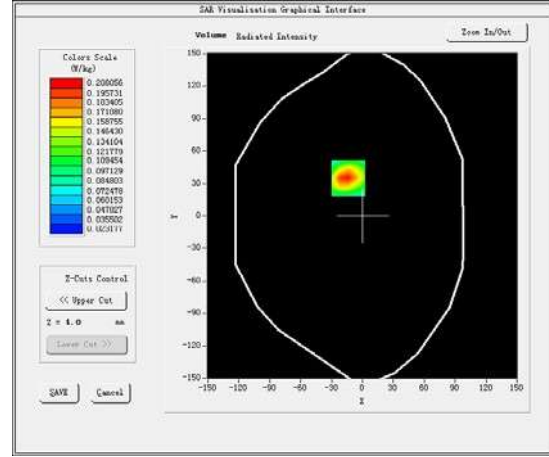
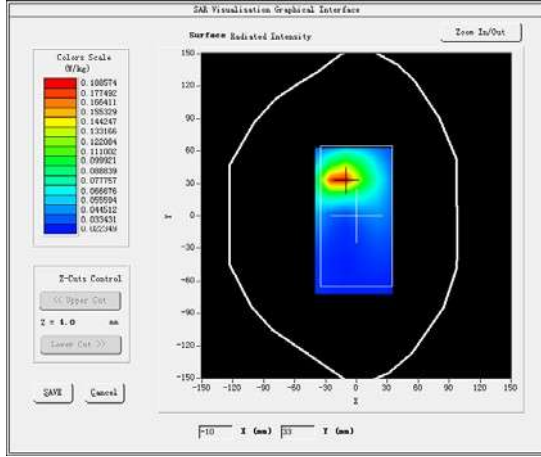
### **B. SAR Measurement Results**

Middle Band SAR (Channel 40620):

<b>Frequency (MHz)</b>	2593.000000
<b>Relative permittivity (real part)</b>	52.628727
<b>Relative permittivity (imaginary part)</b>	14.538727
<b>Conductivity (S/m)</b>	2.024114
<b>Variation (%)</b>	-0.670000

### SURFACE SAR

### VOLUME SAR



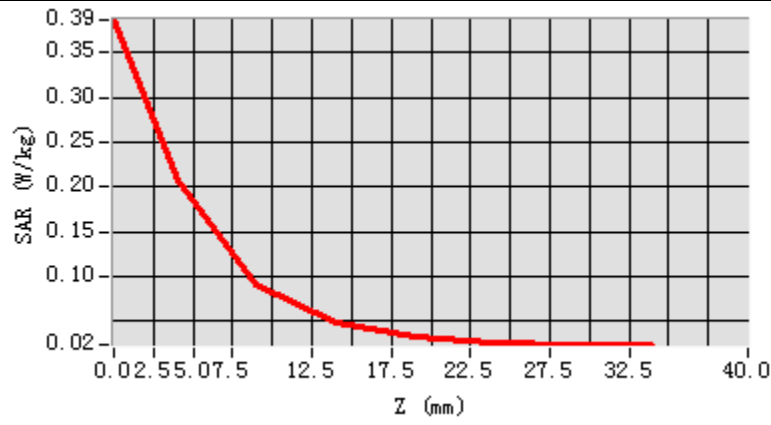
**Maximum location: X=-14.00, Y=35.00**

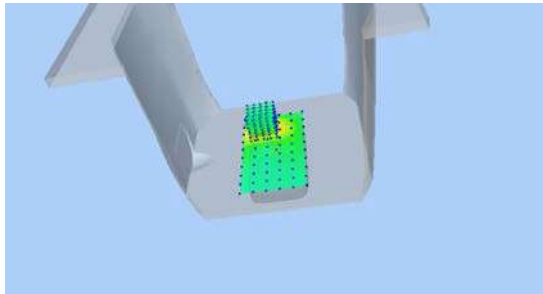
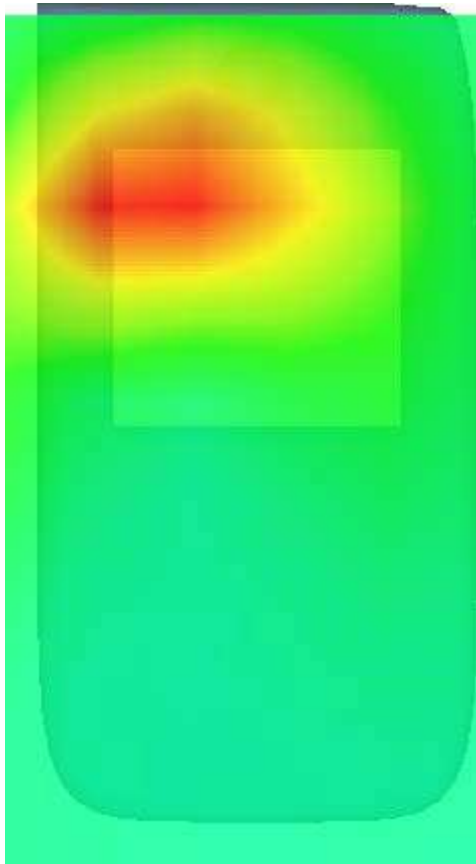
**SAR Peak: 0.28 W/kg**

<b>SAR 10g (W/Kg)</b>	0.075473
<b>SAR1g (W/Kg)</b>	0.170925



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3869	0.2081	0.0900	0.0482	0.0324	0.0262	0.0243



3D screen shot	Hot spot position
	

## MEASUREMENT 25

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 7 minutes 53 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 42</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

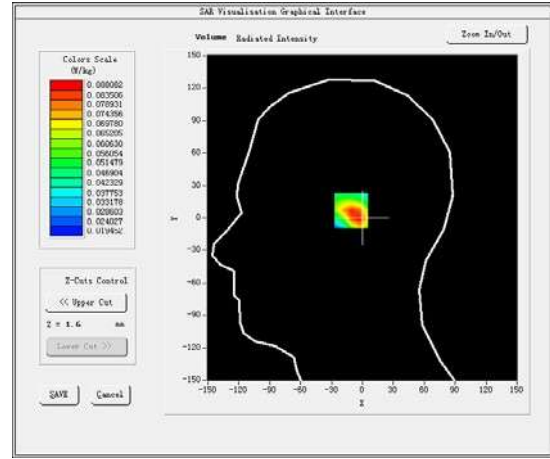
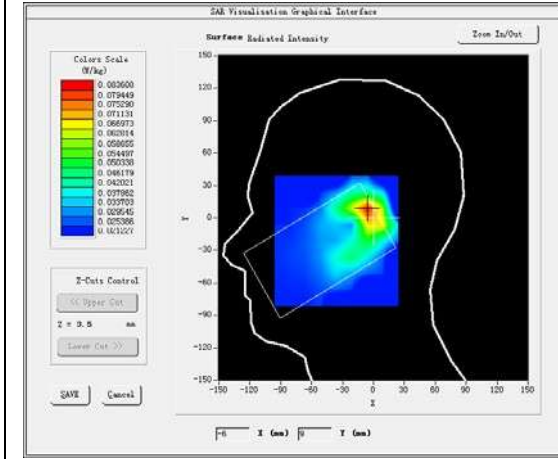
### **D. SAR Measurement Results**

Middle Band SAR (Channel 42590):

<b>Frequency (MHz)</b>	3500.000000
<b>Relative permittivity (real part)</b>	39.125332
<b>Relative permittivity (imaginary part)</b>	13.350667
<b>Conductivity (S/m)</b>	1.858709
<b>Variation (%)</b>	-1.140000

### SURFACE SAR

### VOLUME SAR

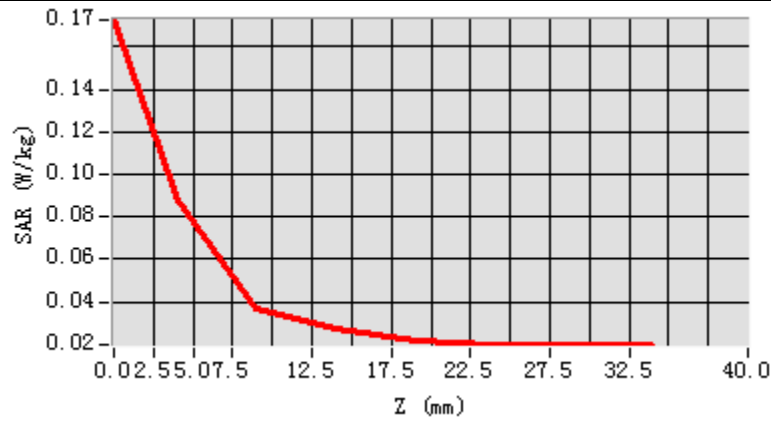


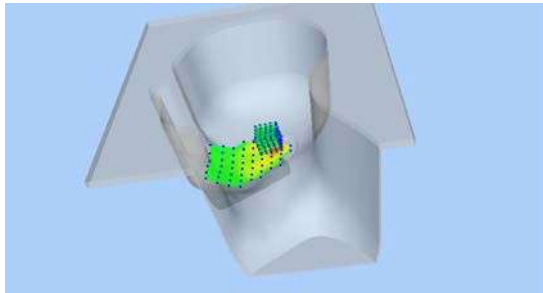
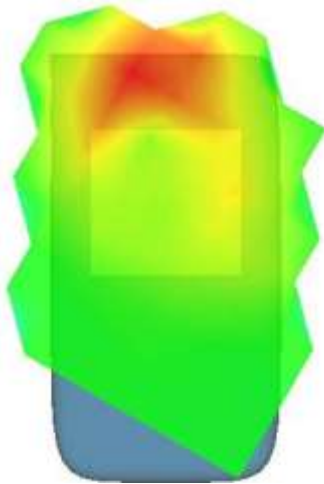
**Maximum location: X=-6.00, Y=7.00**

**SAR Peak: 0.65 W/kg**

<b>SAR 10g (W/Kg)</b>	0.203525
<b>SAR1g (W/Kg)</b>	0.500632

<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>0.1727</b>	<b>0.0881</b>	<b>0.0367</b>	<b>0.0272</b>	<b>0.0220</b>	<b>0.0202</b>	<b>0.0199</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 26

Rear-side-20M-1RB#99-middle-Low

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 7 minutes 31 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 42</u>
<b><u>Channels</u></b>	Middle
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

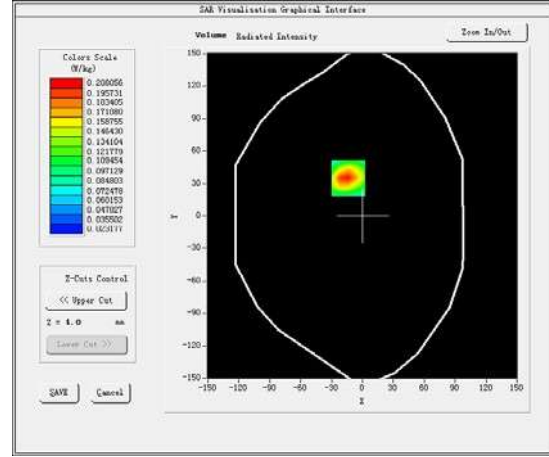
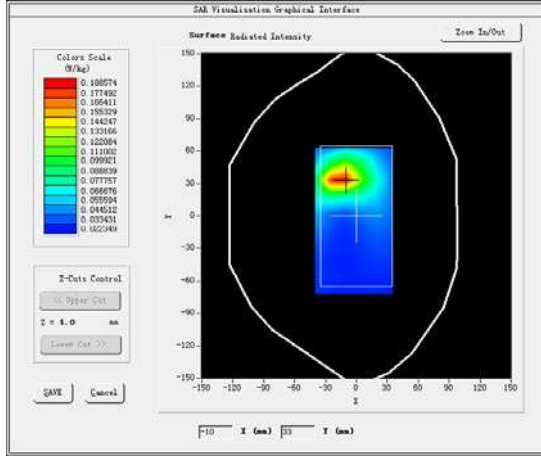
### **D. SAR Measurement Results**

Middle Band SAR (Channel 42590):

<b>Frequency (MHz)</b>	3500.000000
<b>Relative permittivity (real part)</b>	52.628727
<b>Relative permittivity (imaginary part)</b>	14.538727
<b>Conductivity (S/m)</b>	2.024114
<b>Variation (%)</b>	2.180000

### SURFACE SAR

### VOLUME SAR

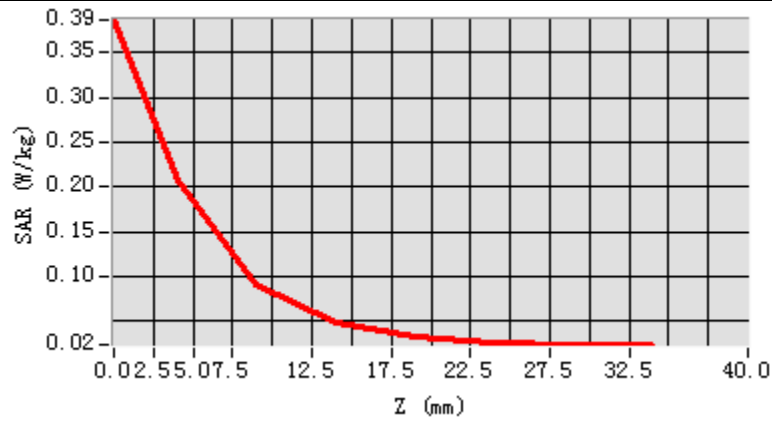


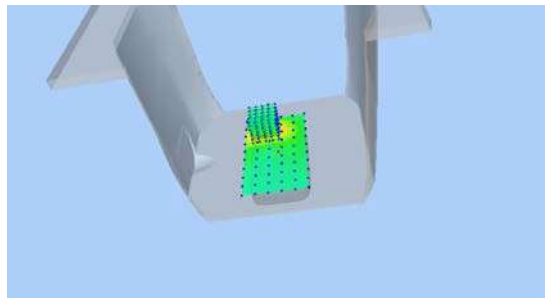
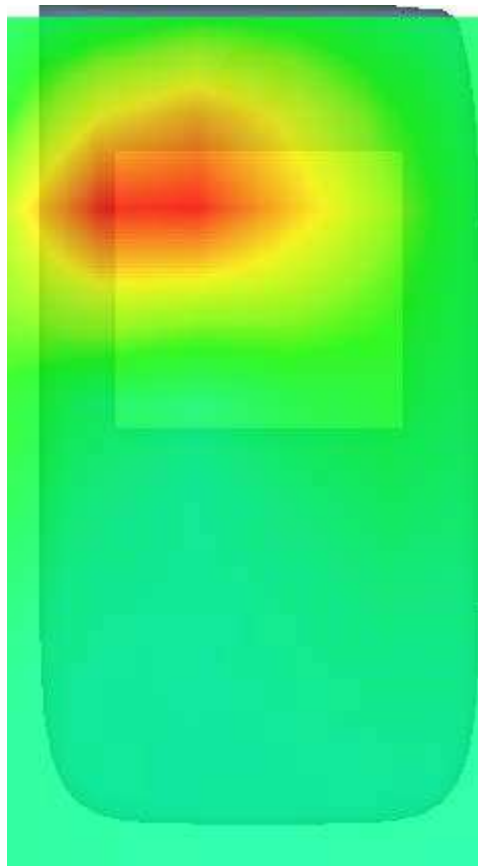
**Maximum location: X=-14.00, Y=35.00**

**SAR Peak: 0.36 W/kg**

<b>SAR 10g (W/Kg)</b>	0.082506
<b>SAR1g (W/Kg)</b>	0.235815

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3869	0.2081	0.0900	0.0482	0.0324	0.0262	0.0243



3D screen shot	Hot spot position
	

## MEASUREMENT 27

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 23/6/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>LTE band 66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

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

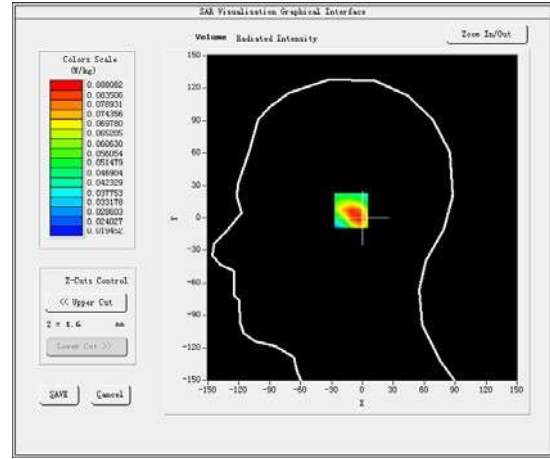
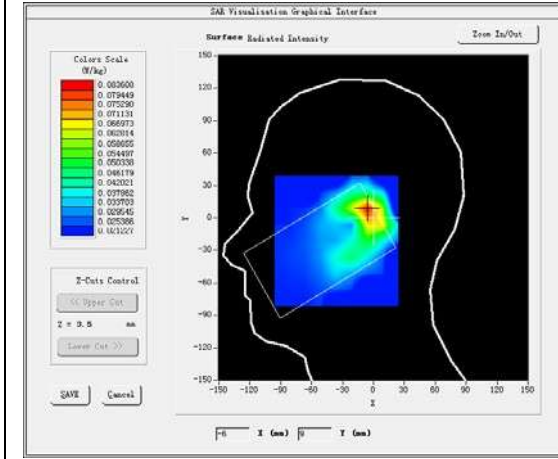
Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	39.125332
<b>Relative permittivity (imaginary part)</b>	13.350667
<b>Conductivity (S/m)</b>	1.858709
<b>Variation (%)</b>	-3.910000



### SURFACE SAR

### VOLUME SAR

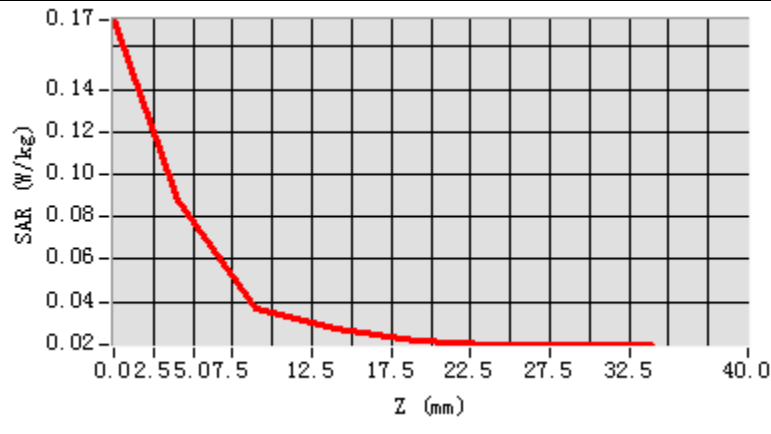


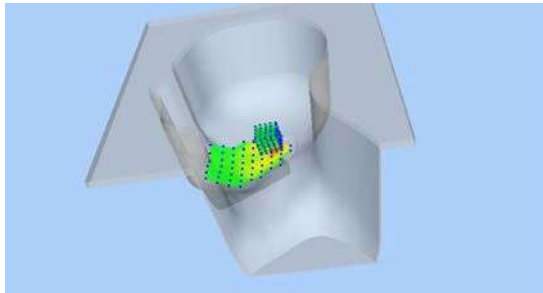
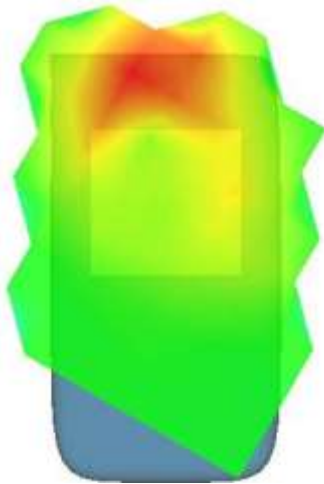
**Maximum location: X=-6.00, Y=7.00**

**SAR Peak: 0.56 W/kg**

<b>SAR 10g (W/Kg)</b>	0.200468
<b>SAR1g (W/Kg)</b>	0.446705

<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>0.1727</b>	<b>0.0881</b>	<b>0.0367</b>	<b>0.0272</b>	<b>0.0220</b>	<b>0.0202</b>	<b>0.0199</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 28

Rear-side-20M-1RB#99-middle-Low

Type: Phone measurement (Complete)

Date of measurement: 23/6/2024

Measurement duration: 7 minutes 31 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>LTE band 66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>LTE (Crest factor: 1.0)</u>

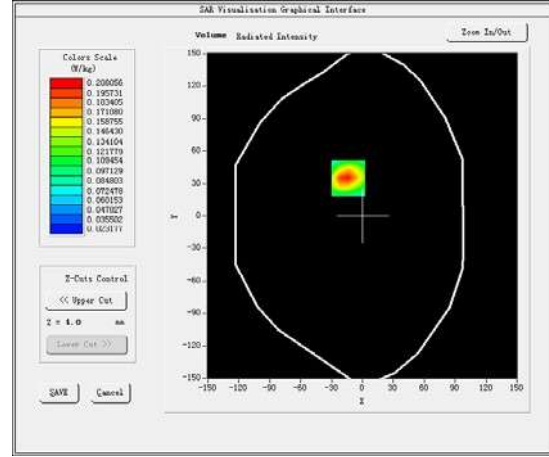
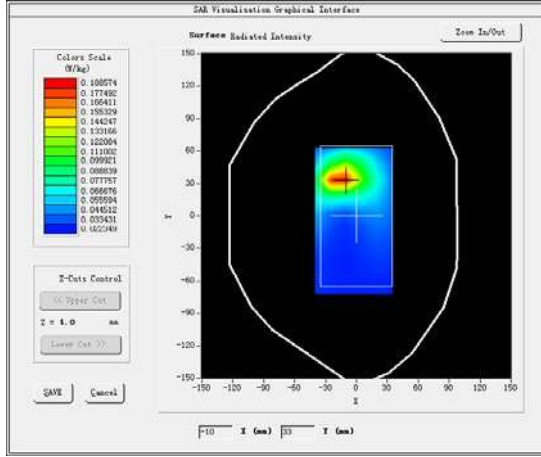
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	52.628727
<b>Relative permittivity (imaginary part)</b>	14.538727
<b>Conductivity (S/m)</b>	2.024114
<b>Variation (%)</b>	-1.820000

### SURFACE SAR

### VOLUME SAR

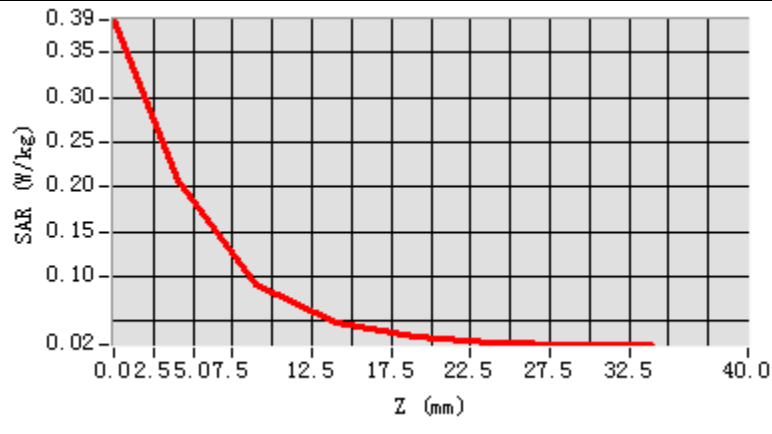


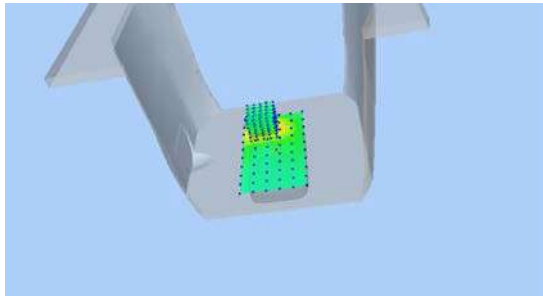
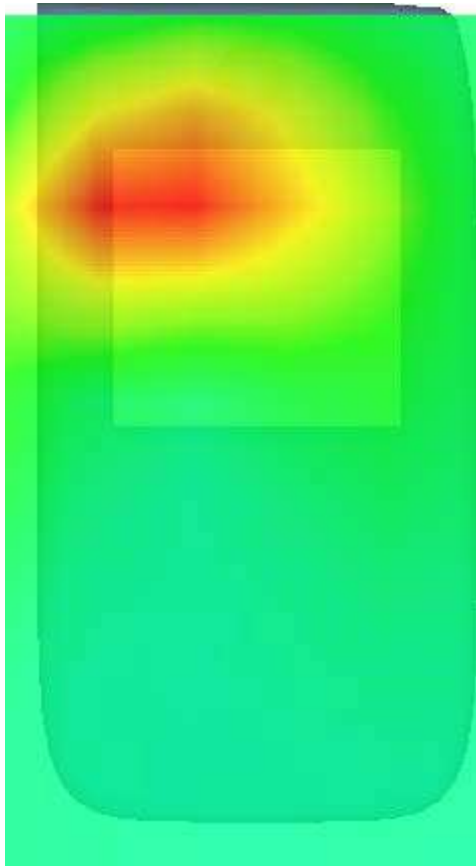
**Maximum location: X=-14.00, Y=35.00**

**SAR Peak: 0.12 W/kg**

<b>SAR 10g (W/Kg)</b>	0.043524
<b>SAR1g (W/Kg)</b>	0.079652

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3869	0.2081	0.0900	0.0482	0.0324	0.0262	0.0243



3D screen shot	Hot spot position
	

## MEASUREMENT 29

Type: Phone measurement (Complete)

Date of measurement:3/7/2024

Measurement duration: 12 minutes 50 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7,dx=5mm</u> <u>dy=5mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilted</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 (Crest factor: 1.0)</u>

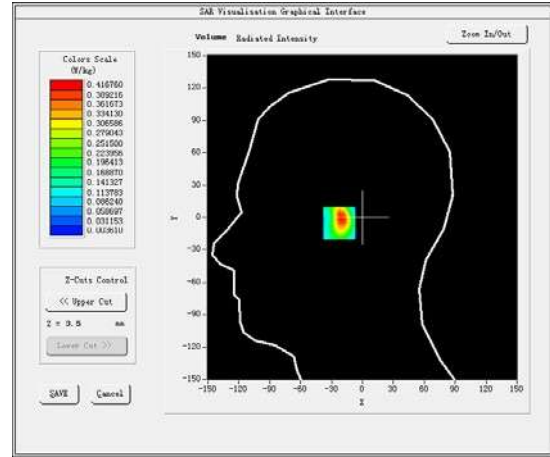
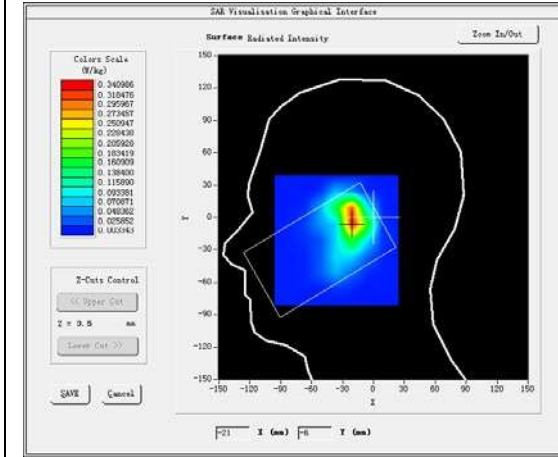
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 7):

<b>Frequency (MHz)</b>	2442.000000
<b>Relative permittivity (real part)</b>	41.649860
<b>Relative permittivity (imaginary part)</b>	14.743260
<b>Conductivity (S/m)</b>	2.000169
<b>Variation (%)</b>	-2.080000

### SURFACE SAR

### VOLUME SAR

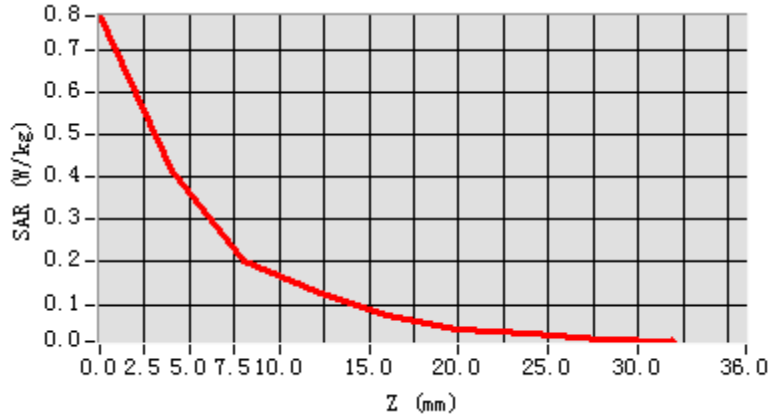


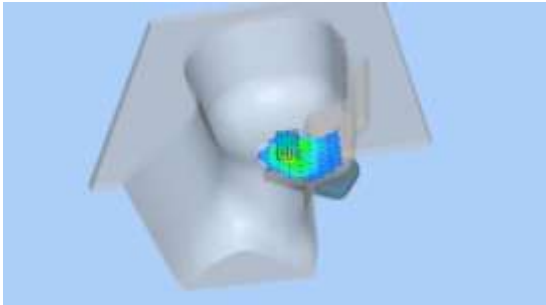
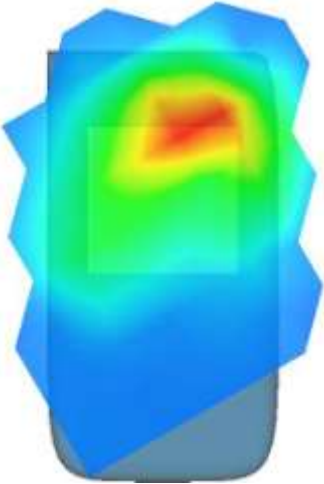
**Maximum location: X=-19.00, Y=-5.00**

**SAR Peak: 0.43 W/kg**

<b>SAR 10g (W/Kg)</b>	0.108572
<b>SAR1g (W/Kg)</b>	0.253015

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/kg)	0.7814	0.4168	0.2044	0.1290	0.0735	0.0428	0.0290	0.0152



3D screen shot	Hot spot position
	



## MEASUREMENT 30

Rear side -middle

Type: Phone measurement (Complete)

Date of measurement:3/7/2024

Measurement duration: 13 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7,dx=5mm dy=5mmdz=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 (Crest factor: 1.0)</u>

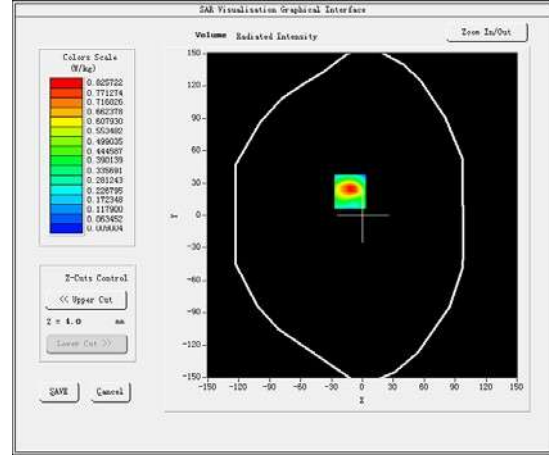
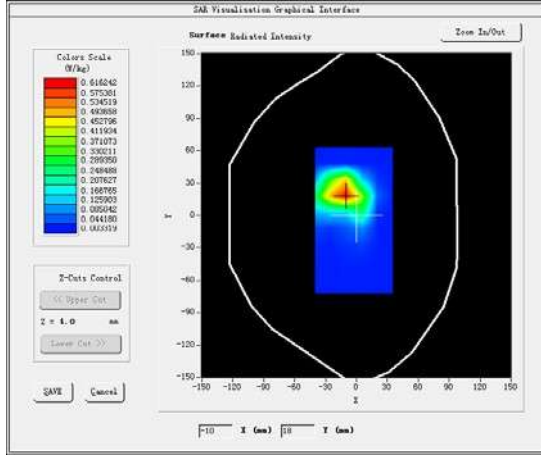
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 7):

<b>Frequency (MHz)</b>	2442.000000
<b>Relative permittivity (real part)</b>	41.649860
<b>Relative permittivity (imaginary part)</b>	14.743260
<b>Conductivity (S/m)</b>	2.000169
<b>Variation (%)</b>	0.270000

### SURFACE SAR

### VOLUME SAR

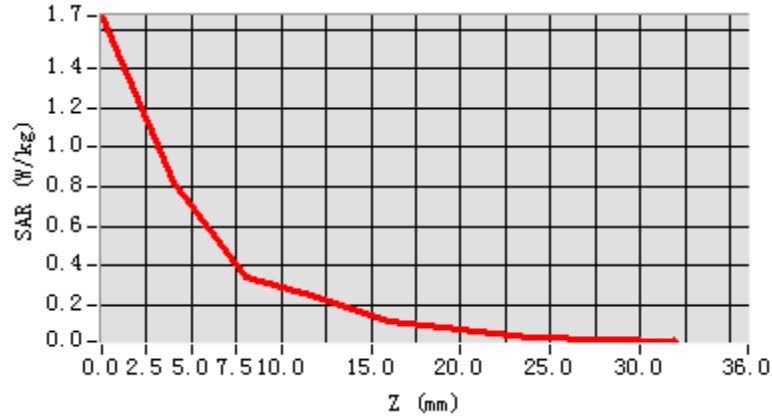


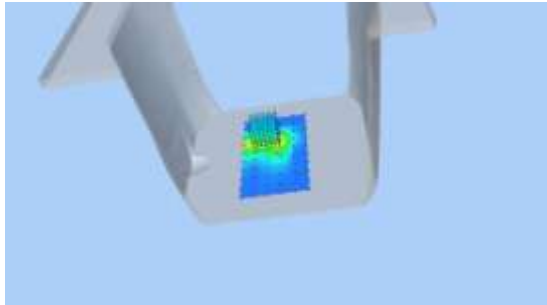
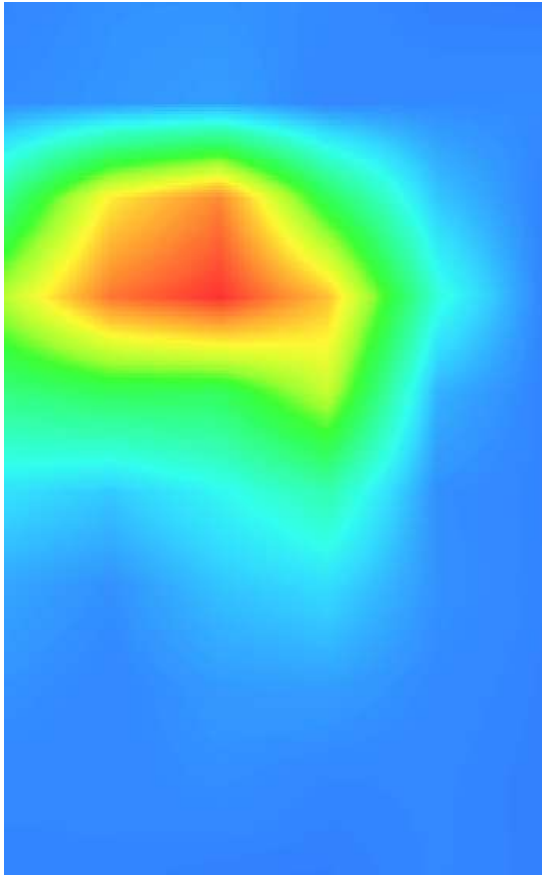
**Maximum location: X=-12.00, Y=22.00**

**SAR Peak: 0.15 W/kg**

<b>SAR 10g (W/Kg)</b>	0.040725
<b>SAR1g (W/Kg)</b>	0.080661

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/kg)	1.668 1	0.825 7	0.341 8	0.242 1	0.112 5	0.076 2	0.039 4	0.025 1



3D screen shot	Hot spot position
	

## MEASUREMENT 31

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 12 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7, dx=5mm dy=5mm 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>CUSTOM (GPRS850 4Tx)</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty Cycle: 0.50 (Crest factor: 0.5)</u>

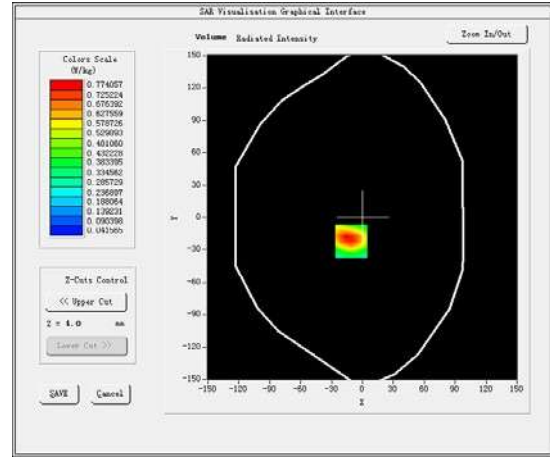
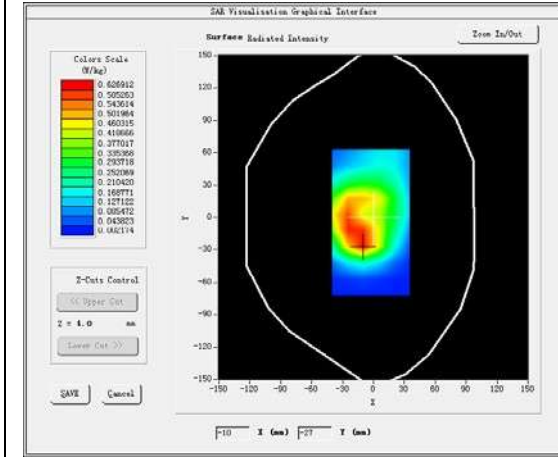
### **B. SAR Measurement Results**

Middle Band SAR (Channel 190):

<b>Frequency (MHz)</b>	836.600000
<b>Relative permittivity (real part)</b>	44.503281
<b>Relative permittivity (imaginary part)</b>	18.556360
<b>Conductivity (S/m)</b>	0.925344
<b>Variation (%)</b>	-1.420000

### SURFACE SAR

### VOLUME SAR

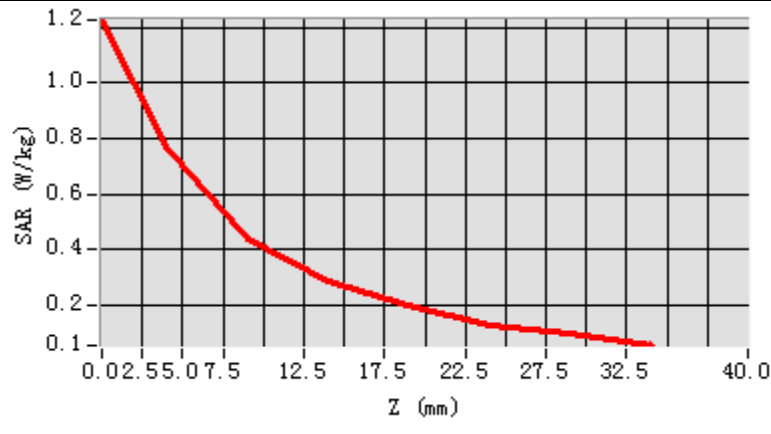


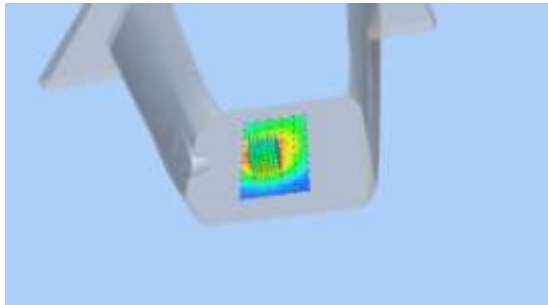
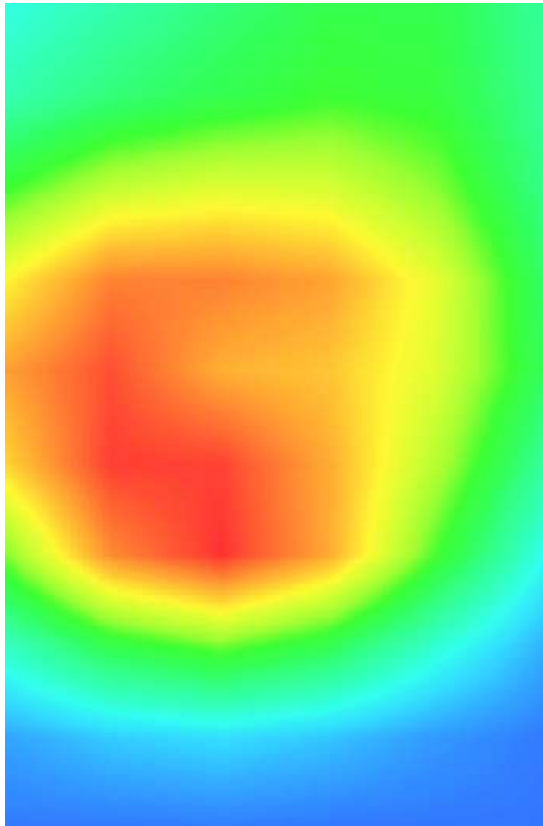
**Maximum location: X=-11.00, Y=-22.00**

**SAR Peak: 0.09 W/kg**

<b>SAR 10g (W/Kg)</b>	0.032550
<b>SAR1g (W/Kg)</b>	0.055907

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2273	0.7741	0.4402	0.2905	0.2024	0.1249	0.0960



3D screen shot	Hot spot position
	

## MEASUREMENT 32

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 14 minutes 31 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x7, dx=5mm dy=5mm 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>CUSTOM (GPRS1900 4Tx)</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty Cycle: 2.0 (Crest factor: 2.0)</u>

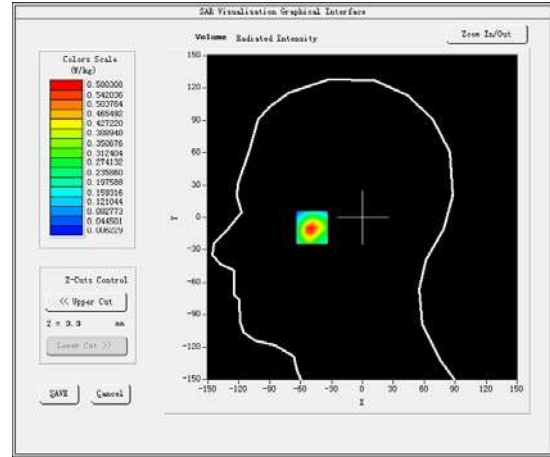
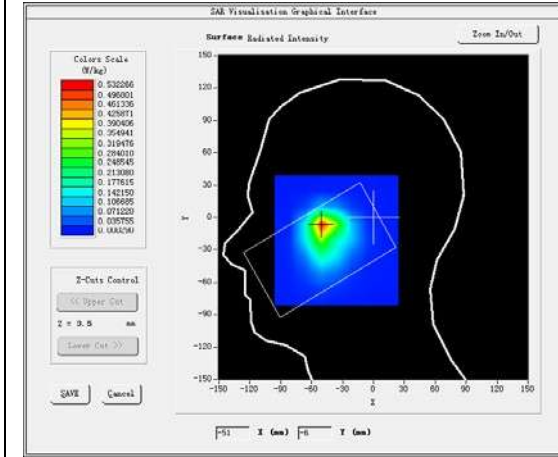
### **B. SAR Measurement Results**

Middle Band SAR (Channel 661):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	44.552711
<b>Relative permittivity (imaginary part)</b>	15.152806
<b>Conductivity (S/m)</b>	1.471001
<b>Variation (%)</b>	-3.580000

### SURFACE SAR

### VOLUME SAR



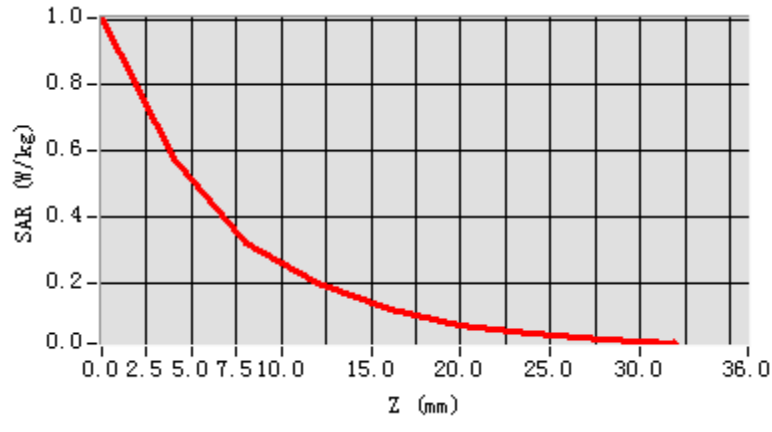
**Maximum location: X=-49.00, Y=-8.00**

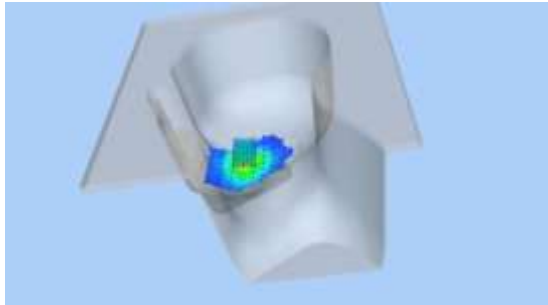
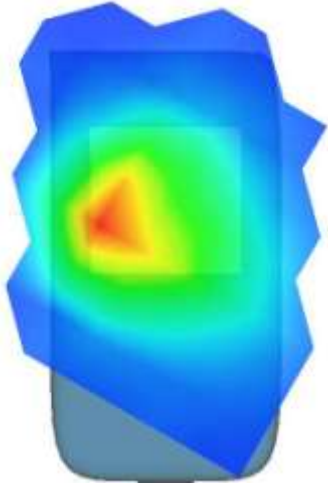
**SAR Peak: 0.28 W/kg**

<b>SAR 10g (W/Kg)</b>	0.084607
<b>SAR1g (W/Kg)</b>	0.164273



Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00
SAR (W/kg)	1.003 4	0.580 3	0.321 3	0.200 2	0.120 3	0.074 7	0.050 5	0.029 9



3D screen shot	Hot spot position
	

## MEASUREMENT 33

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 8minutes 25seconds

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

<b><u>Area Scan</u></b>	<u>dx=10mm dy=10mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x12,dx=4mm dy=4mmdz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>IEEE 802.11a U-NII-2A</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty cycle:1:1</u>

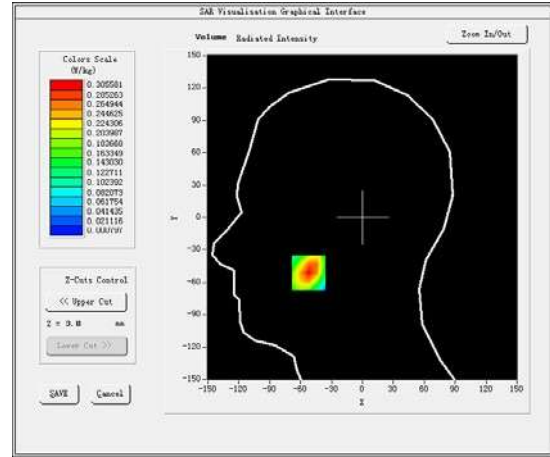
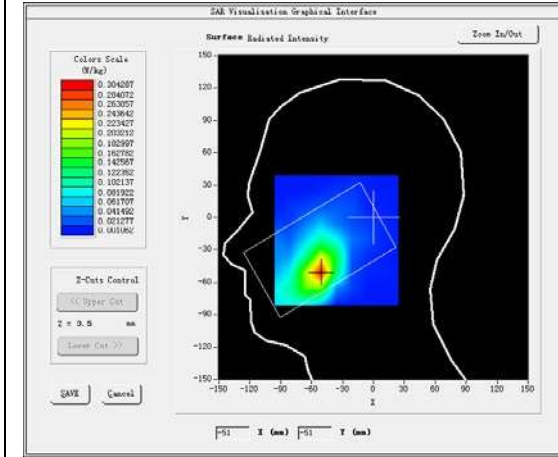
### **B. SAR Measurement Results**

Middle Band SAR (Channel 52):

<b>Frequency (MHz)</b>	5260.000000
<b>Relative permittivity (real part)</b>	35.619701
<b>Relative permittivity (imaginary part)</b>	15.212540
<b>Conductivity (S/m)</b>	4.495210
<b>Variation (%)</b>	4.750000

### SURFACE SAR

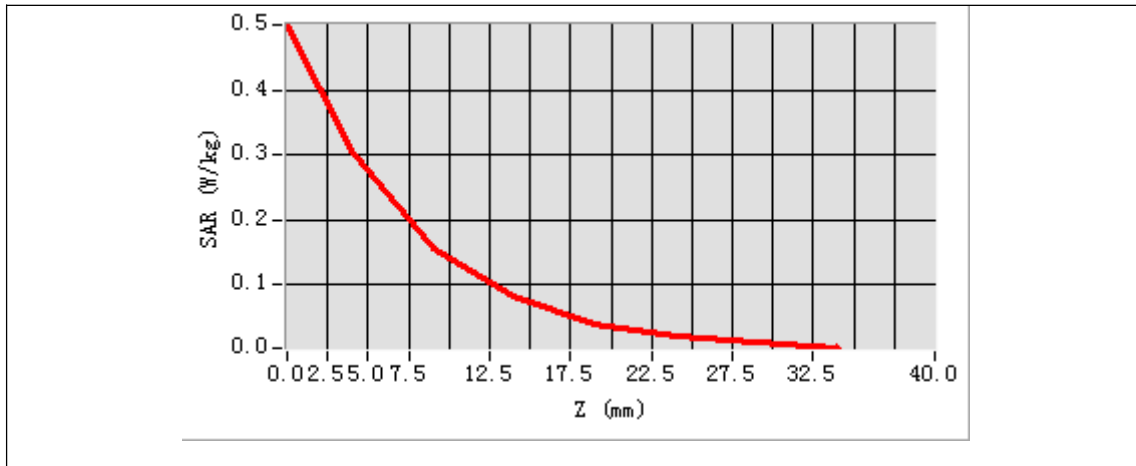
### VOLUME SAR

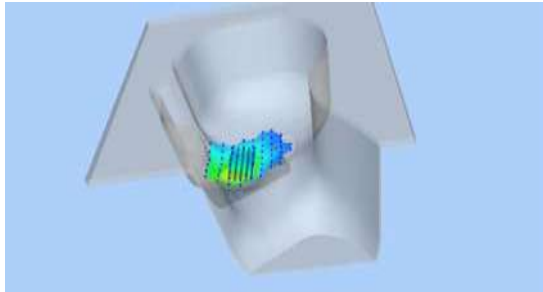
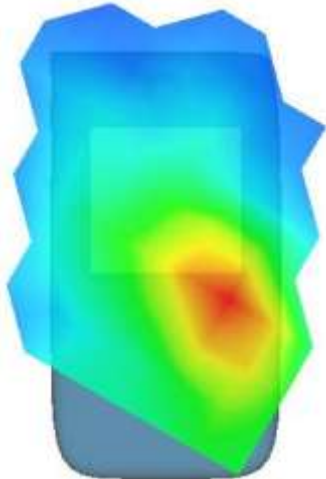


**Maximum location: X=-52.00, Y=-51.00**

**SAR Peak: 0.25 W/kg**

<b>SAR 10g (W/Kg)</b>	0.042510
<b>SAR1g (W/Kg)</b>	0.114273



3D screen shot	Hot spot position
	

## MEASUREMENT 34

Towards-ground- Middle

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration:10 minutes 36 seconds

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

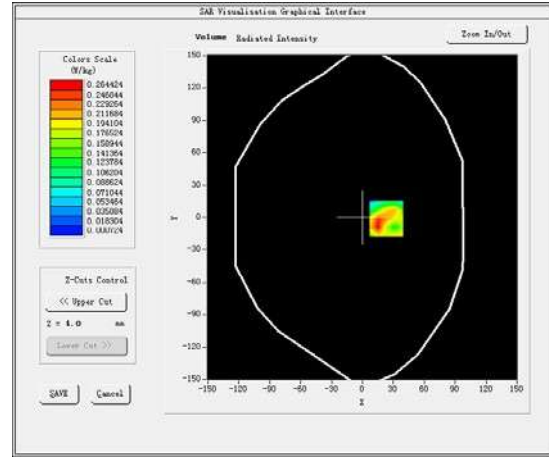
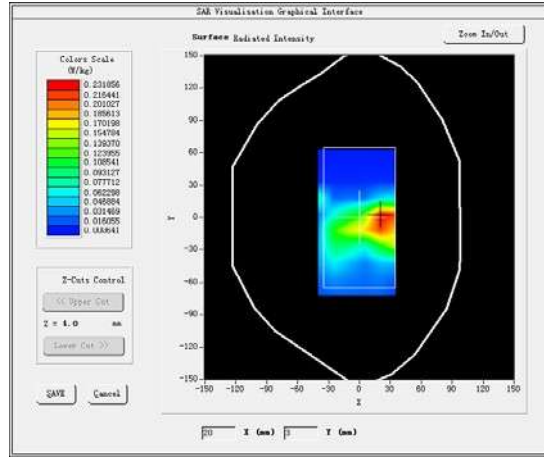
<b><u>Area Scan</u></b>	<u>dx=10mm dy=10mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x12,dx=4mm dy=4mmdz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11a U-NII-1</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty cycle:1:1</u>

### **B. SAR MeasurementResults**

<b>Frequency (MHz)</b>	5260.000000
<b>Relative permittivity (real part)</b>	35.858526
<b>Relative permittivity (imaginary part)</b>	15.623689
<b>Conductivity (S/m)</b>	4.494532
<b>Variation (%)</b>	-4.470000

### SURFACE SAR

### VOLUME SAR

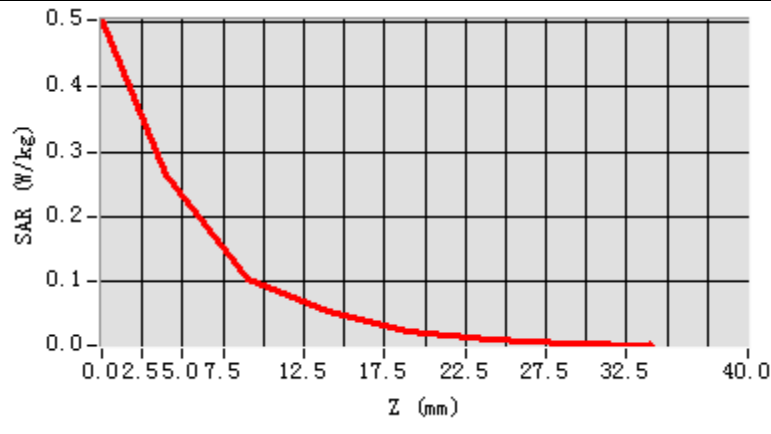


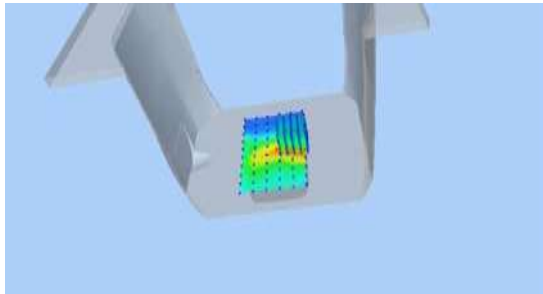
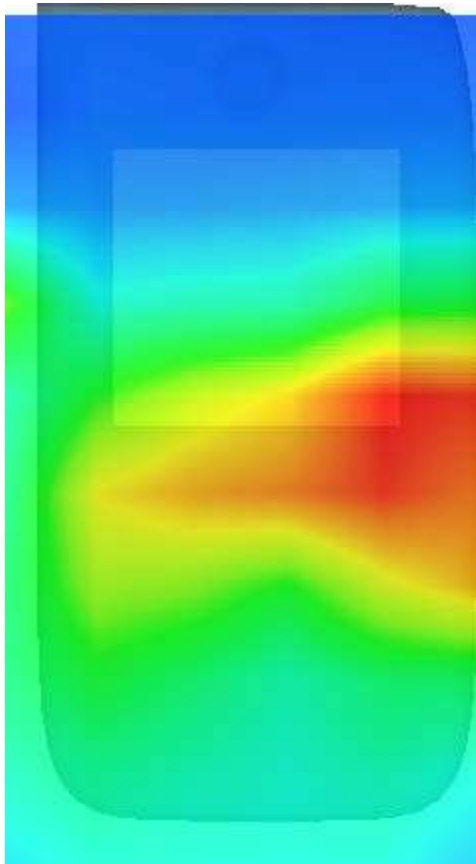
**Maximum location: X=23.00, Y=-1.00**

**SAR Peak: 0.09 W/kg**

<b>SAR 10g (W/Kg)</b>	0.013527
<b>SAR1g (W/Kg)</b>	0.046620

<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>0.5035</b>	<b>0.2644</b>	<b>0.1036</b>	<b>0.0539</b>	<b>0.0226</b>	<b>0.0107</b>	<b>0.0050</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 35

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 9 minutes 46 seconds

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

<b><u>Area Scan</u></b>	<u>dx=10mm dy=10mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x12,dx=4mm</u> <u>dy=4mmdz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>IEEE 802.11a U-NII-3</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty cycle:1:1</u>

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

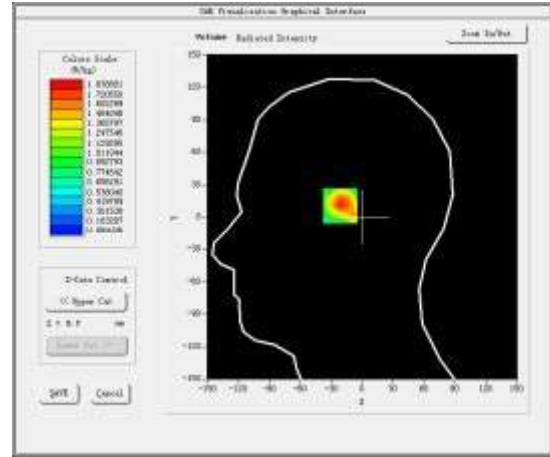
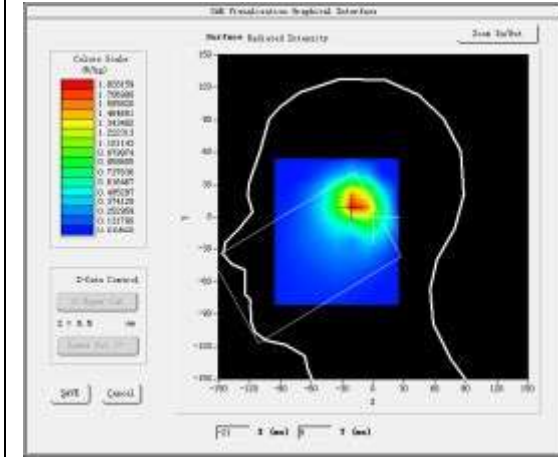
Middle Band SAR (Channel 116):

<b>Frequency (MHz)</b>	5580.000000
<b>Relative permittivity (real part)</b>	34.635521
<b>Relative permittivity (imaginary part)</b>	16.245435
<b>Conductivity (S/m)</b>	5.161300
<b>Variation (%)</b>	-4.270000



### SURFACE SAR

### VOLUME SAR

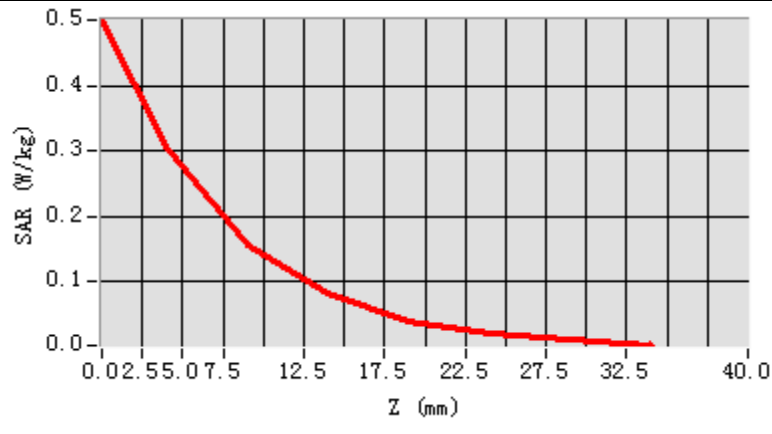


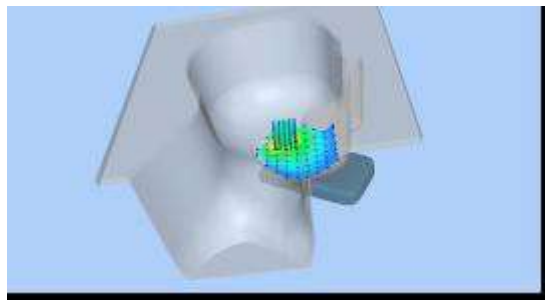
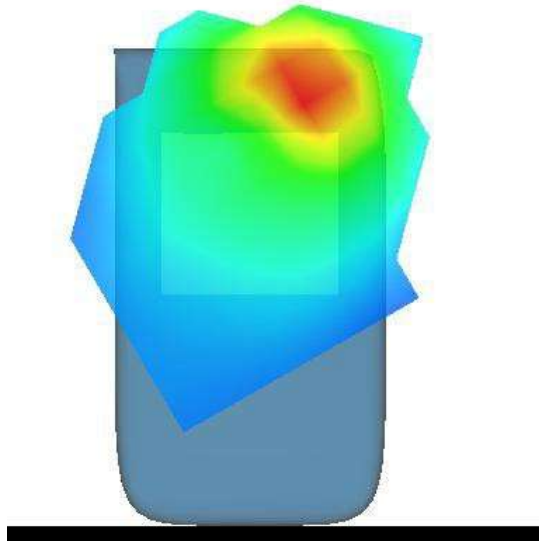
**Maximum location: X=-19.00, Y=12.00**

**SAR Peak: 0.53 W/kg**

<b>SAR 10g (W/Kg)</b>	0.137475
<b>SAR1g (W/Kg)</b>	0.239404

<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>0.5004</b>	<b>0.3056</b>	<b>0.1563</b>	<b>0.0817</b>	<b>0.0410</b>	<b>0.0213</b>	<b>0.0107</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 36

Towards-ground-Middle

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 8 minutes 40seconds

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

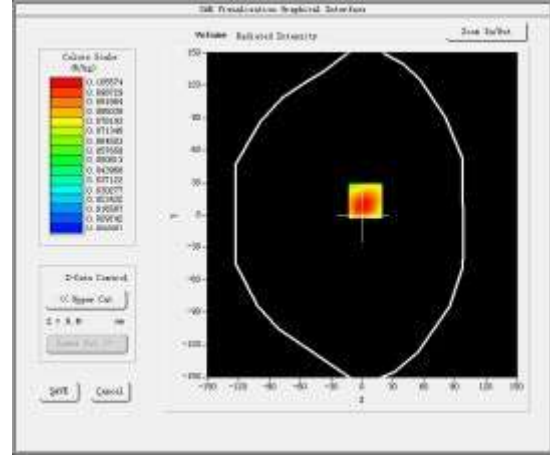
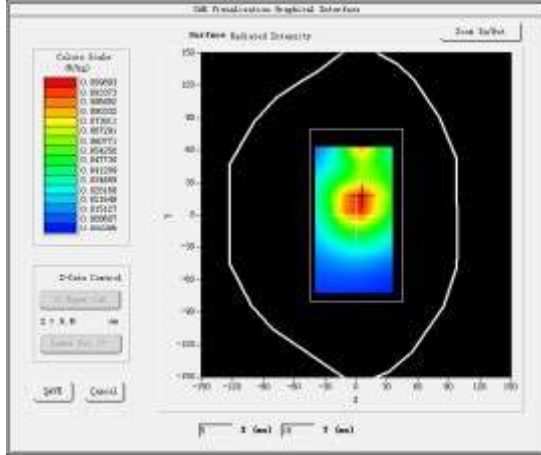
<b><u>Area Scan</u></b>	<u>dx=10mm dy=10mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x12,dx=4mm dy=4mmdz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11a U-NII-3</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty cycle:1:1</u>

### **B. SAR MeasurementResults**

<b>Frequency (MHz)</b>	5580.000000
<b>Relative permittivity (real part)</b>	48.235748
<b>Relative permittivity (imaginary part)</b>	19.060800
<b>Conductivity (S/m)</b>	6.173560
<b>Variation (%)</b>	4.650000

### SURFACE SAR

### VOLUME SAR

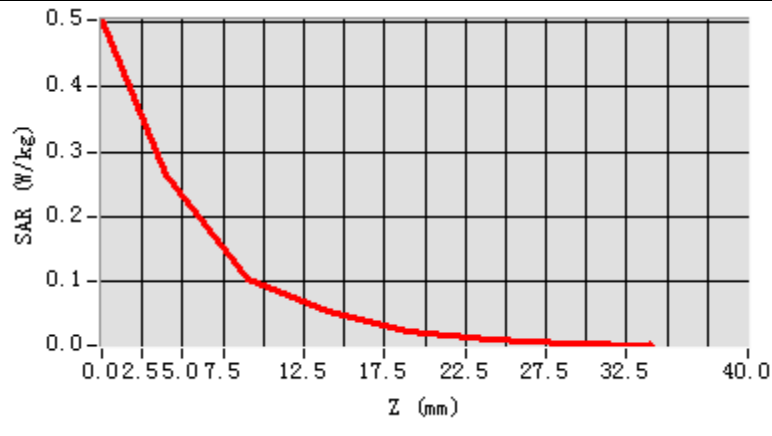


**Maximum location: X=3.00, Y=13.00**

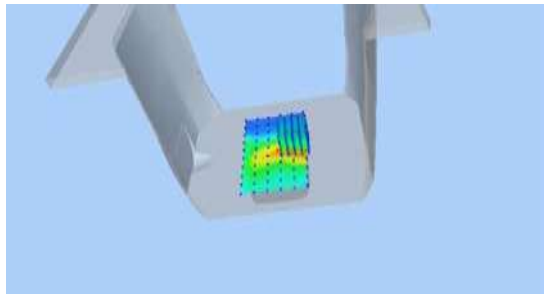
**SAR Peak: 0.33 W/kg**

<b>SAR 10g (W/Kg)</b>	0.044731
<b>SAR1g (W/Kg)</b>	0.078577

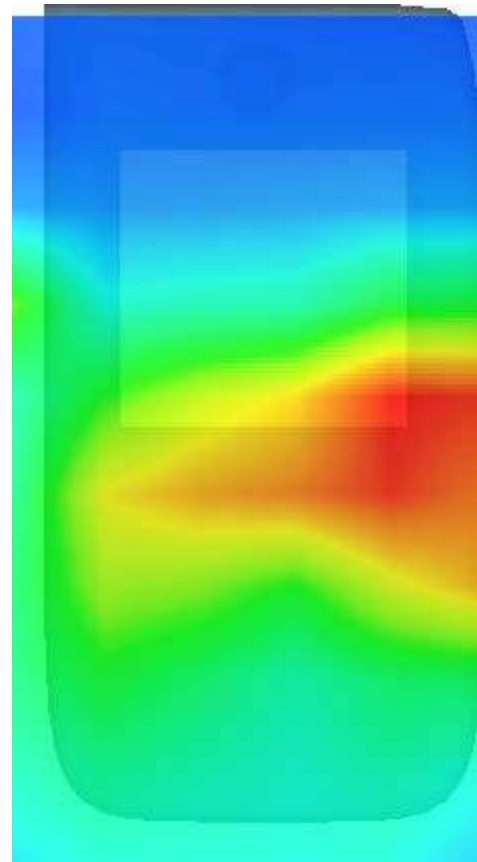
<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>	<b>24.00</b>	<b>29.00</b>
<b>SAR (W/Kg)</b>	<b>0.5035</b>	<b>0.2644</b>	<b>0.1036</b>	<b>0.0539</b>	<b>0.0226</b>	<b>0.0107</b>	<b>0.0050</b>



**3D screen shot**



**Hot spot position**



## MEASUREMENT 37

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 9 minutes 36 seconds

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

<b><u>Area Scan</u></b>	<u>dx=10mm dy=10mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x12,dx=4mm dy=4mmdz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>IEEE 802.11a U-NII-4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty cycle:1:1</u>

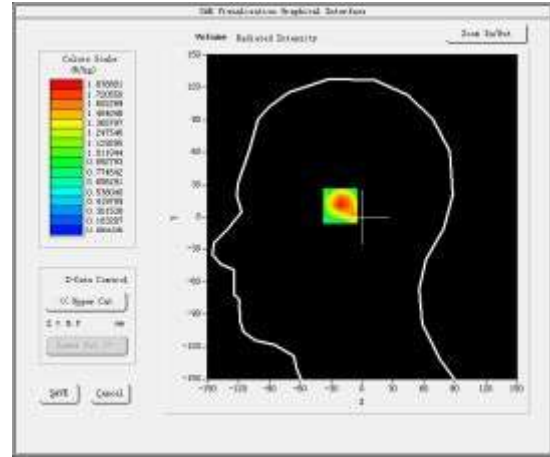
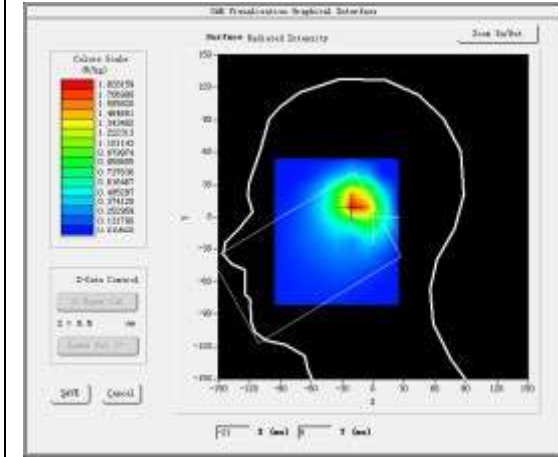
### **B. SAR Measurement Results**

Middle Band SAR (Channel 157):

<b>Frequency (MHz)</b>	5785.000000
<b>Relative permittivity (real part)</b>	34.635521
<b>Relative permittivity (imaginary part)</b>	16.245435
<b>Conductivity (S/m)</b>	5.161300
<b>Variation (%)</b>	4.700000

### SURFACE SAR

### VOLUME SAR

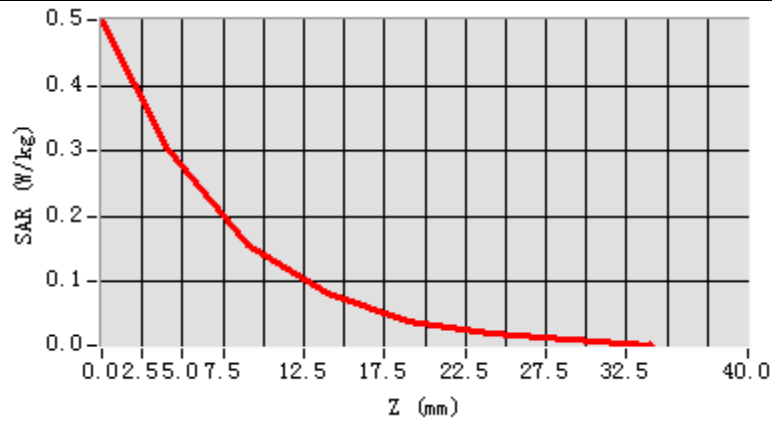


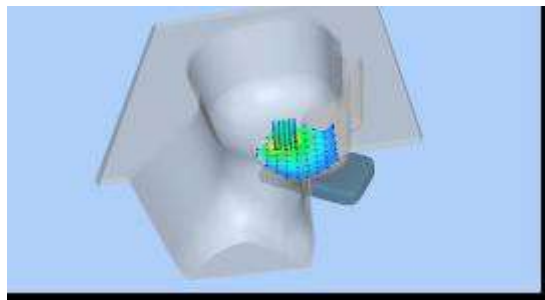
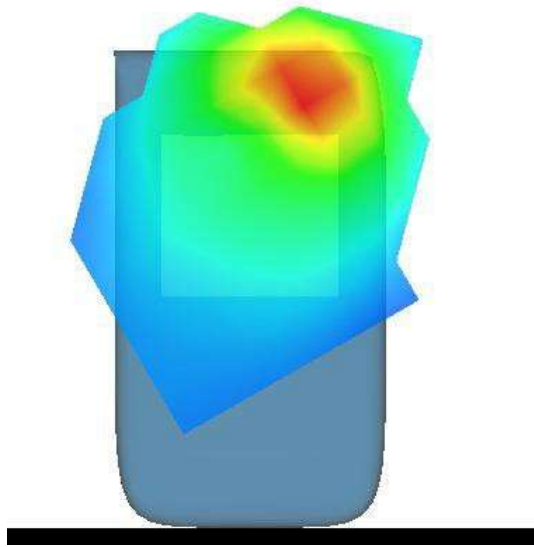
**Maximum location: X=-19.00, Y=12.00**

**SAR Peak: 0.45 W/kg**

<b>SAR 10g (W/Kg)</b>	0.114537
<b>SAR1g (W/Kg)</b>	0.277651

<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>0.5004</b>	<b>0.3056</b>	<b>0.1563</b>	<b>0.0817</b>	<b>0.0410</b>	<b>0.0213</b>	<b>0.0107</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 38

Towards-ground- Middle

Type: Phone measurement (Complete)

Date of measurement :8/7/2024

Measurement duration: 9 minutes 32 seconds

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

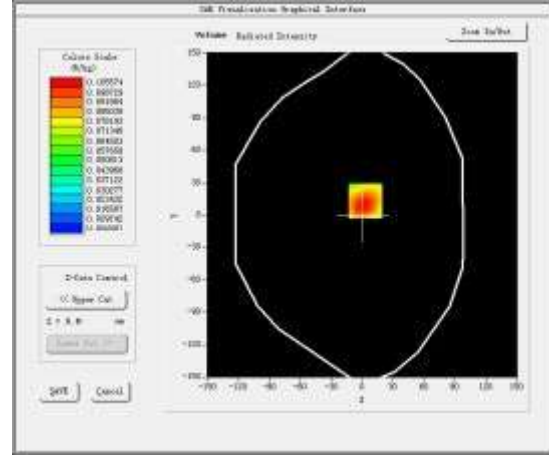
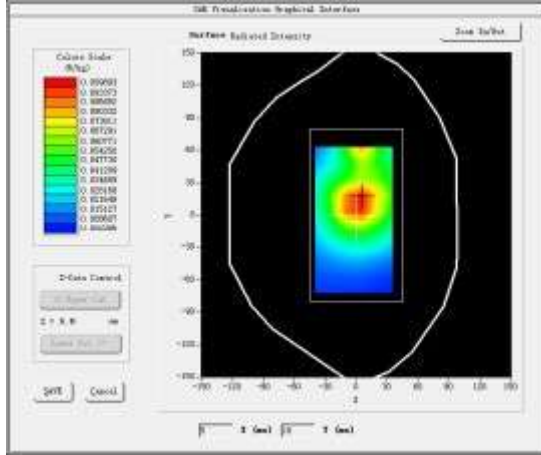
<b><u>Area Scan</u></b>	<u>dx=10mm dy=10mm</u>
<b><u>ZoomScan</u></b>	<u>7x7x12,dx=4mm dy=4mmdz=2mm,Complete</u>
<b><u>Phantom</u></b>	<u>Validation plane</u>
<b><u>Device Position</u></b>	<u>Body</u>
<b><u>Band</u></b>	<u>IEEE 802.11a U-NII-4</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>Duty cycle:1:1</u>

### **B. SAR MeasurementResults**

<b>Frequency (MHz)</b>	5785.000000
<b>Relative permittivity (real part)</b>	48.235748
<b>Relative permittivity (imaginary part)</b>	19.060800
<b>Conductivity (S/m)</b>	6.173560
<b>Variation (%)</b>	-4.370000

### SURFACE SAR

### VOLUME SAR

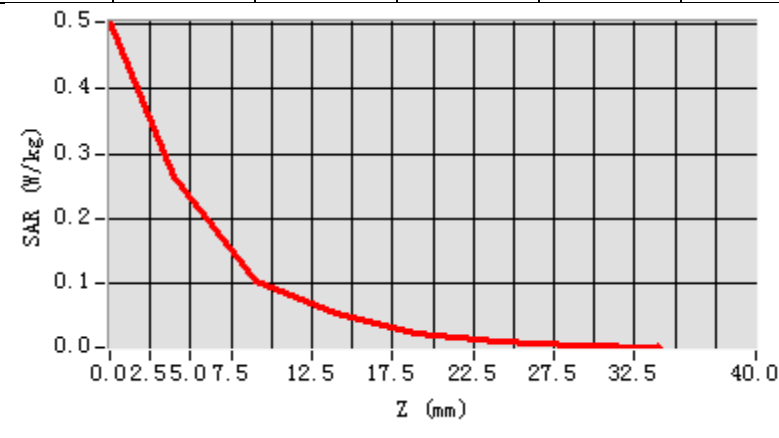


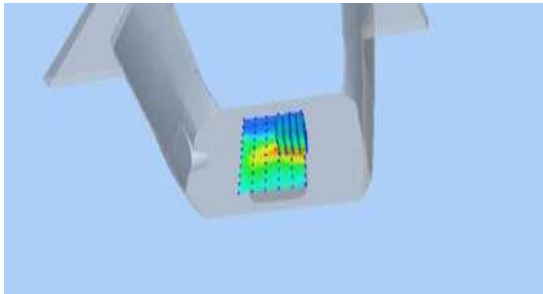
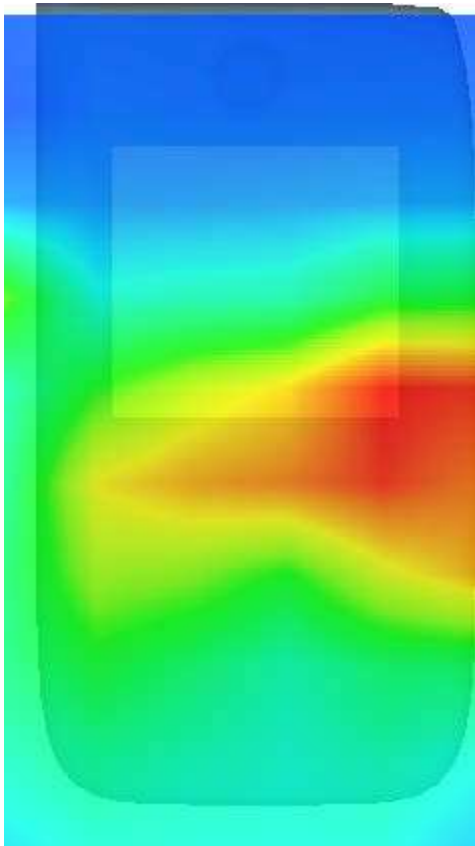
**Maximum location: X=3.00, Y=13.00**

**SAR Peak: 0.25 W/kg**

<b>SAR 10g (W/Kg)</b>	0.039624
<b>SAR1g (W/Kg)</b>	0.078056

<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>0.5035</b>	<b>0.2644</b>	<b>0.1036</b>	<b>0.0539</b>	<b>0.0226</b>	<b>0.0107</b>	<b>0.0050</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 39

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N5</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA(Crest factor: 1.0)</u>

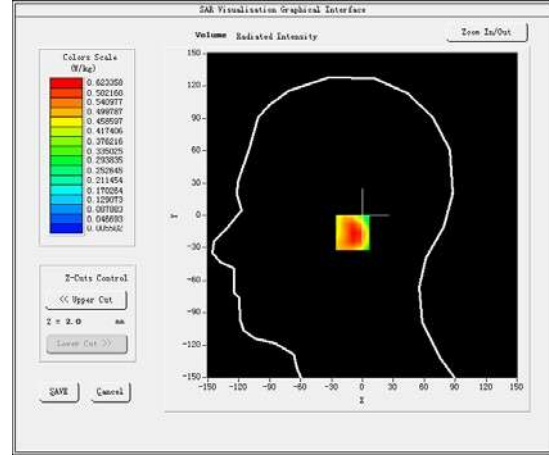
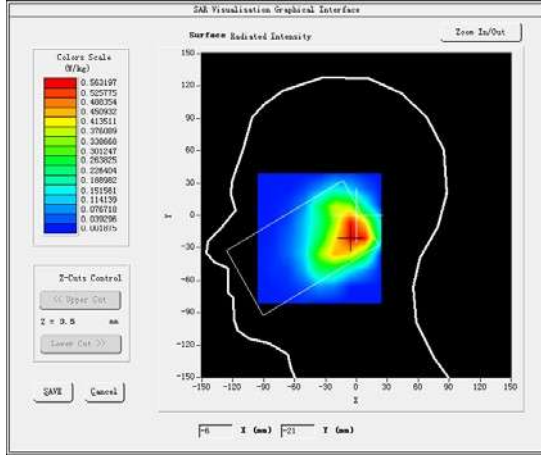
### **B. SAR Measurement Results**

Middle Band SAR (Channel 167300):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-1.530000

### SURFACE SAR

### VOLUME SAR

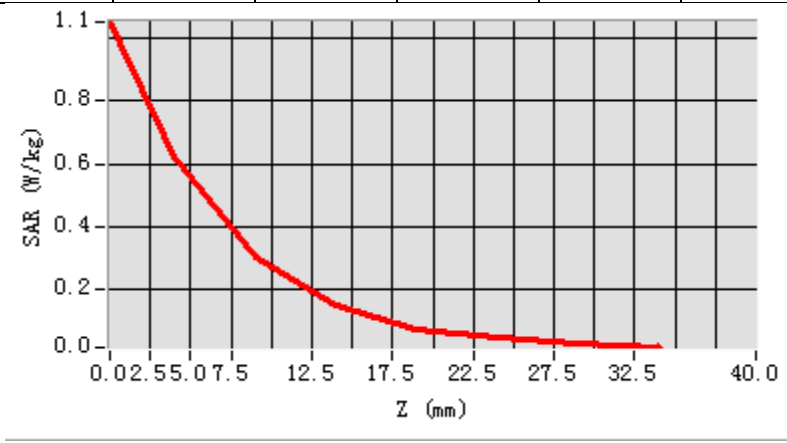


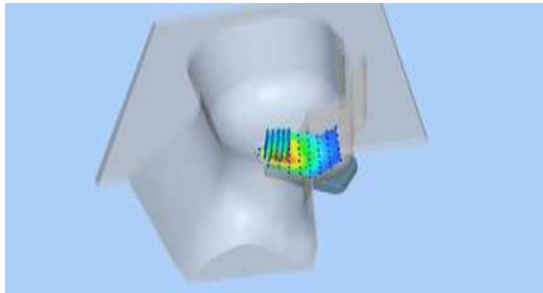
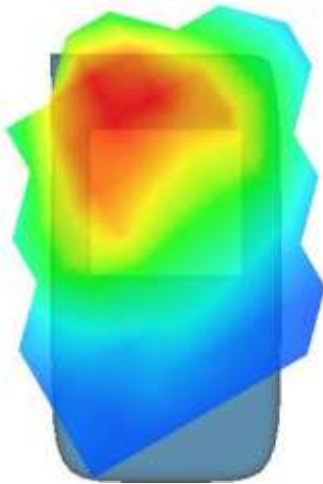
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.19 W/kg**

<b>SAR 10g (W/Kg)</b>	0.445273
<b>SAR1g (W/Kg)</b>	0.908570

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 40

Towards-ground-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>N5</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

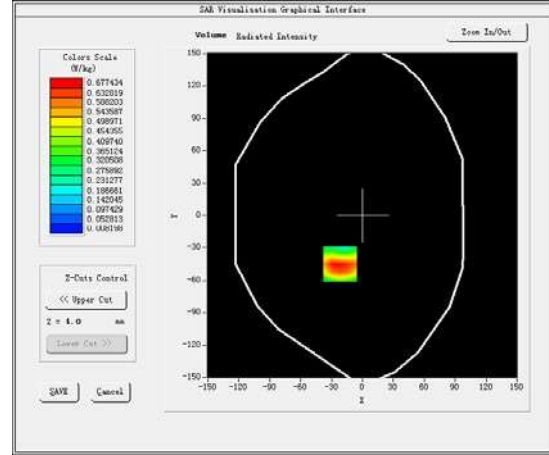
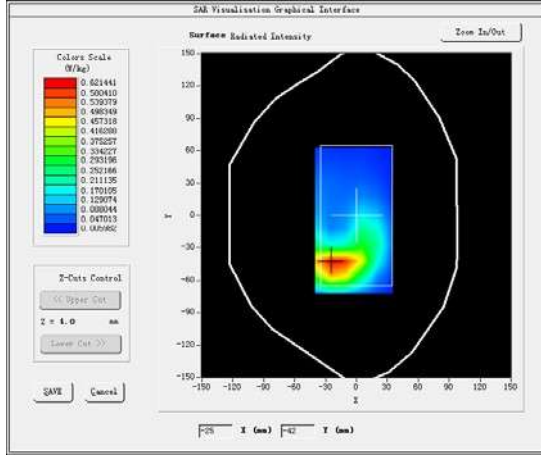
### **B. SAR Measurement Results**

Middle Band SAR (Channel 167300):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-2.740000

### SURFACE SAR

### VOLUME SAR



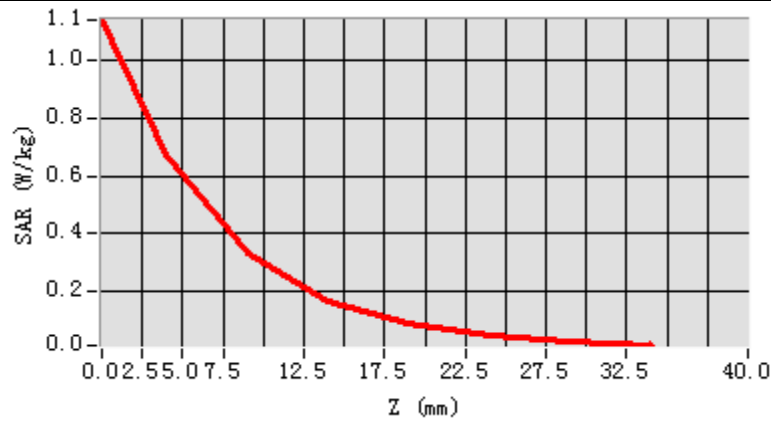
**Maximum location: X=-22.00, Y=-45.00**

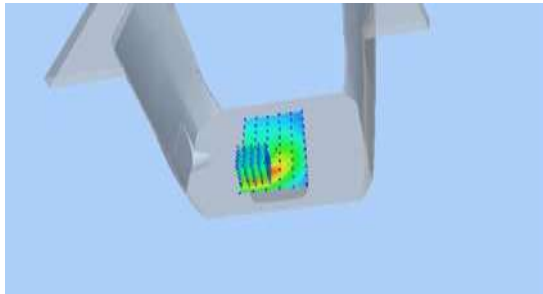
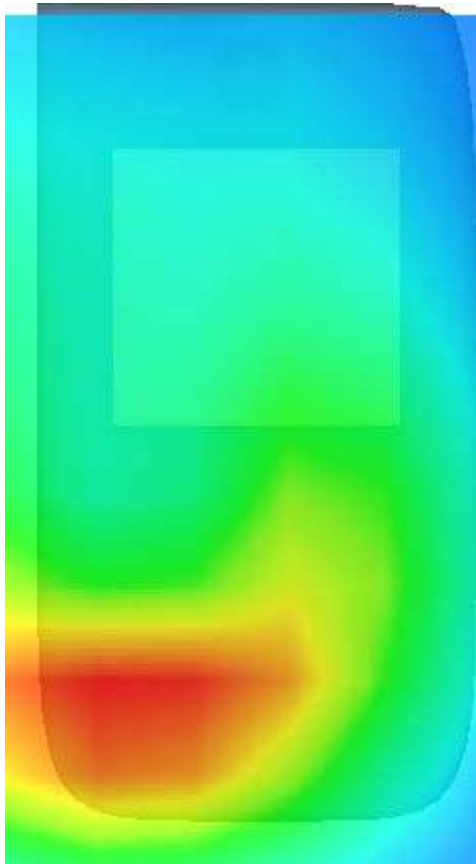
**SAR Peak: 0.34 W/kg**

<b>SAR 10g (W/Kg)</b>	0.110058
<b>SAR1g (W/Kg)</b>	0.190574



<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 41

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

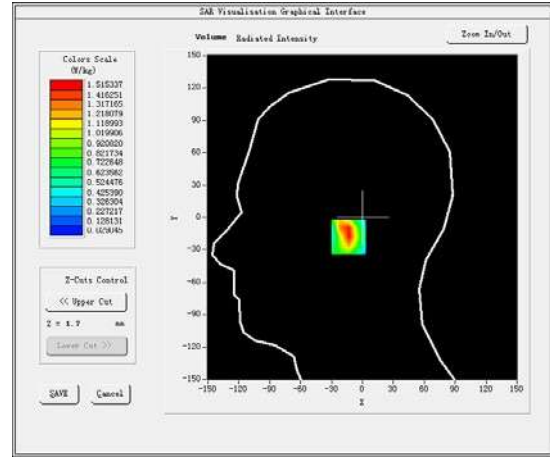
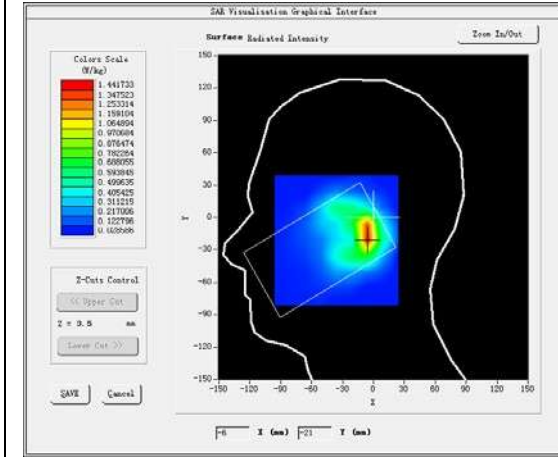
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 507000):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.086666
<b>Relative permittivity (imaginary part)</b>	13.418333
<b>Conductivity (S/m)</b>	1.889749
<b>Variation (%)</b>	-4.780000

### SURFACE SAR

### VOLUME SAR

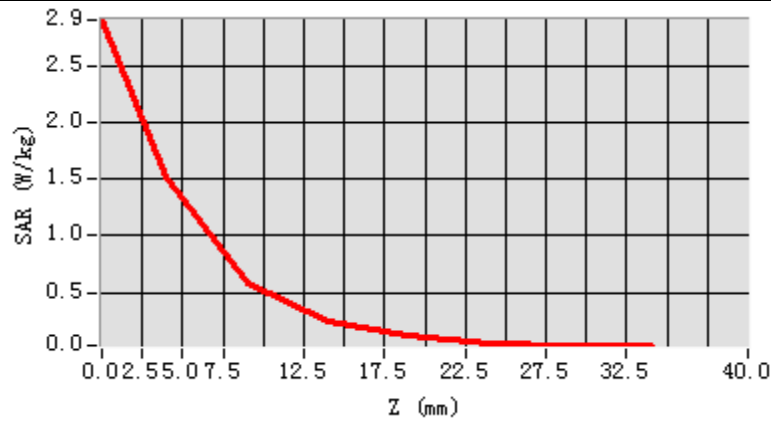


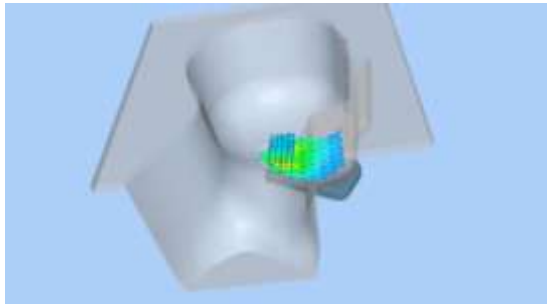
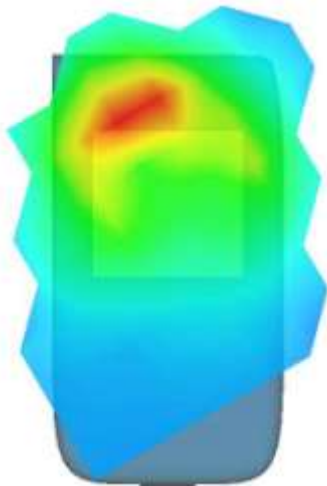
**Maximum location: X=-5.00, Y=-18.00**

**SAR Peak: 0.67 W/kg**

<b>SAR 10g (W/Kg)</b>	0.188507
<b>SAR1g (W/Kg)</b>	0.490627

<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>2.9055</b>	<b>1.5153</b>	<b>0.5882</b>	<b>0.2454</b>	<b>0.1164</b>	<b>0.0592</b>	<b>0.0423</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 42

Towards-ground-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 8 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

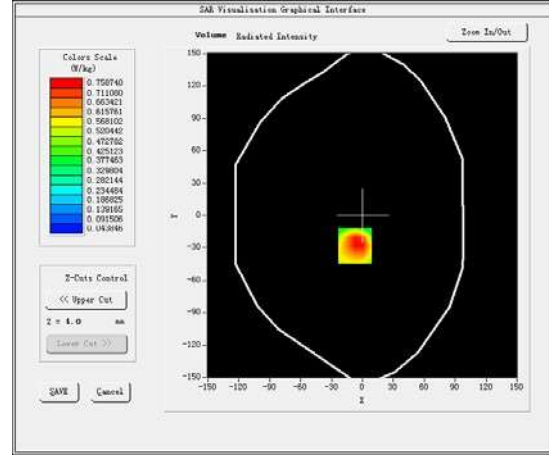
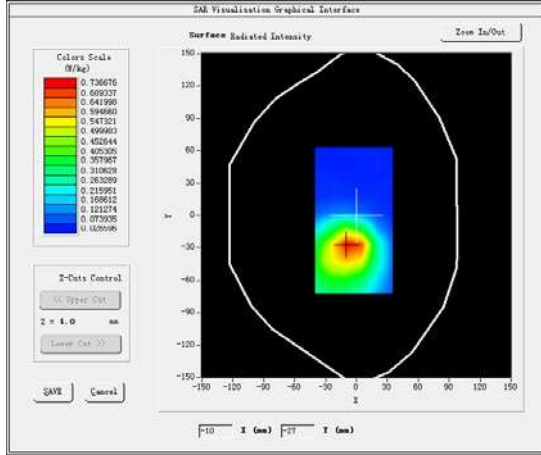
### **B. SAR Measurement Results**

Middle Band SAR (Channel 507000):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.086666
<b>Relative permittivity (imaginary part)</b>	13.418333
<b>Conductivity (S/m)</b>	1.889749
<b>Variation (%)</b>	0.020000

### SURFACE SAR

### VOLUME SAR

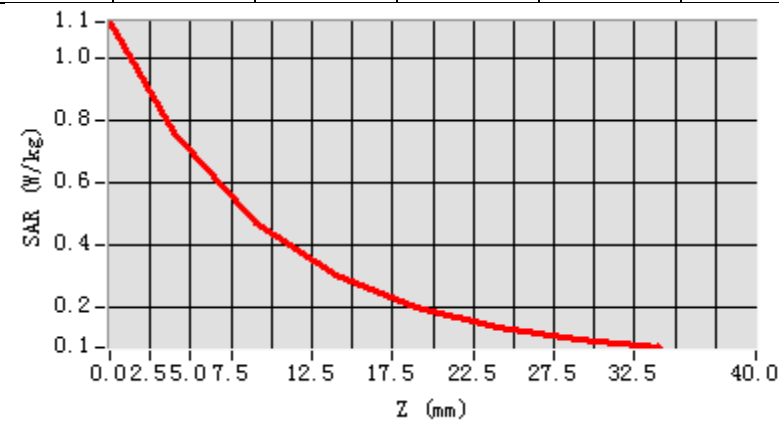


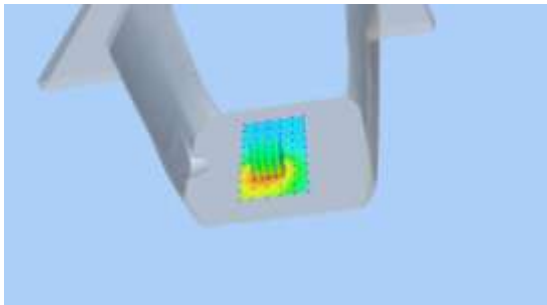
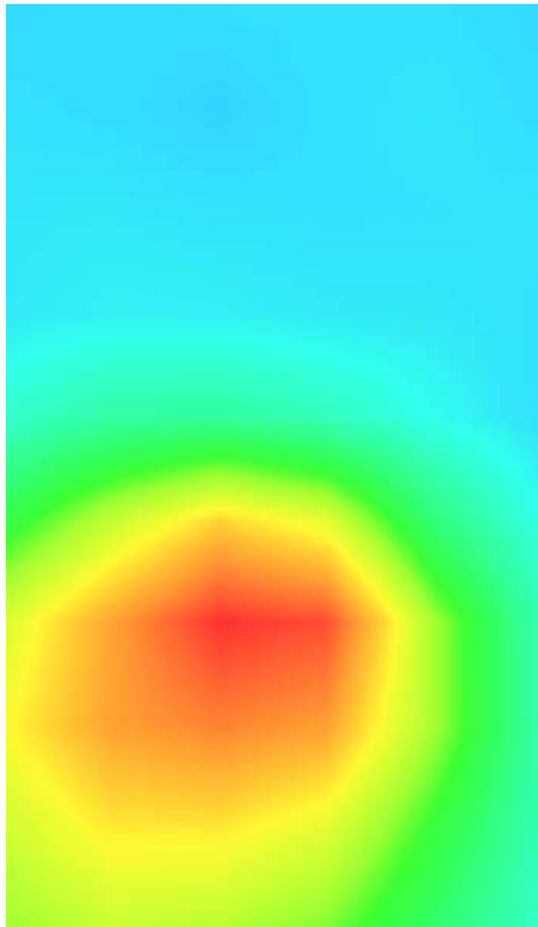
**Maximum location: X=-7.00, Y=-28.00**

**SAR Peak: 0.31 W/kg**

<b>SAR 10g (W/Kg)</b>	0.064822
<b>SAR1g (W/Kg)</b>	0.161053

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1136	0.7587	0.4676	0.3034	0.1963	0.1334	0.0946



3D screen shot	Hot spot position
	

## MEASUREMENT 43

10M-1RB#49

Type: Phone measurement (Complete)

Date of measurement: 18/6/2024

Measurement duration: 7 minutes 58 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N12</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

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

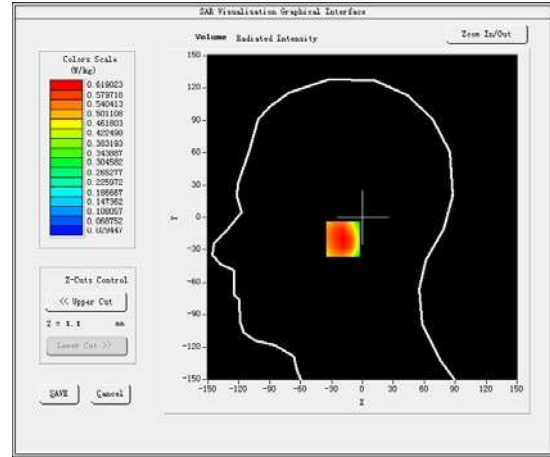
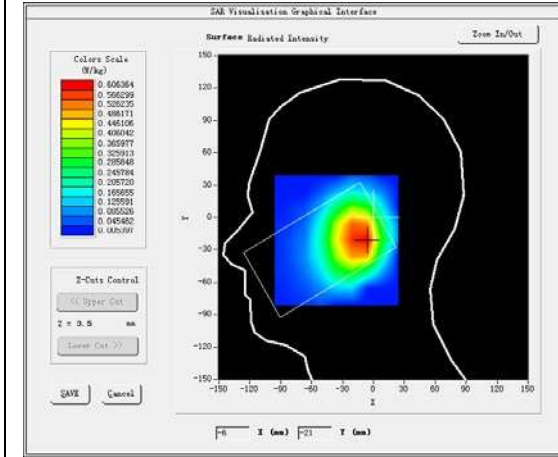
Middle Band SAR (Channel 141500):

<b>Frequency (MHz)</b>	707.500000
<b>Relative permittivity (real part)</b>	40.634800
<b>Relative permittivity (imaginary part)</b>	20.138100
<b>Conductivity (S/m)</b>	1.003549
<b>Variation (%)</b>	4.010000



### SURFACE SAR

### VOLUME SAR

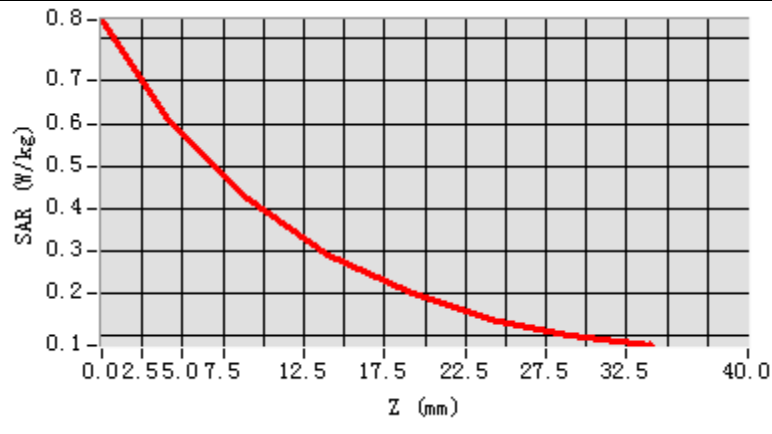


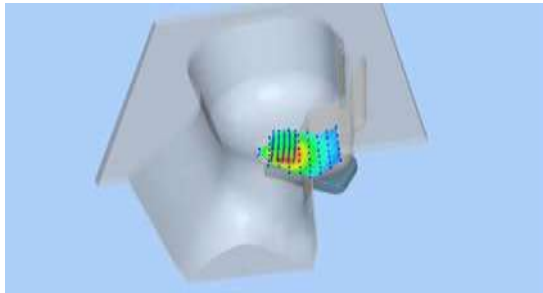
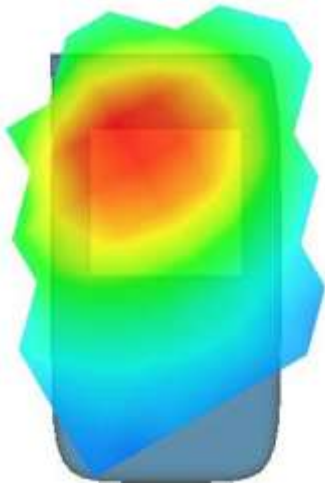
**Maximum location: X=-11.00, Y=-20.00**

**SAR Peak: 0.57 W/kg**

<b>SAR 10g (W/Kg)</b>	0.201673
<b>SAR1g (W/Kg)</b>	0.400365

<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>0.8451</b>	<b>0.6190</b>	<b>0.4224</b>	<b>0.2886</b>	<b>0.2030</b>	<b>0.1356</b>	<b>0.0962</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 44

Towards-ground-10M-1RB#49-middle

Type: Phone measurement (Complete)

Date of measurement:18/6/2024

Measurement duration: 7 minutes 18 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>N12</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

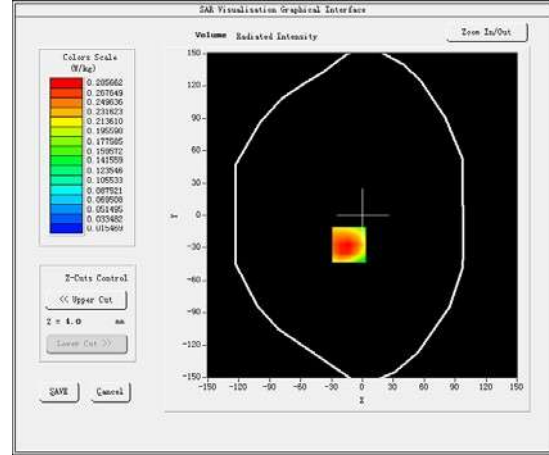
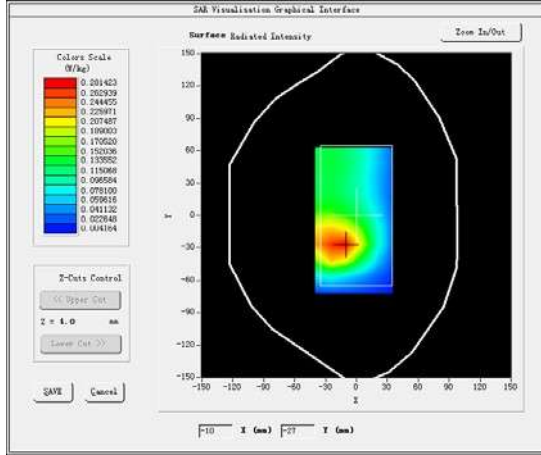
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 141500):

<b>Frequency (MHz)</b>	707.500000
<b>Relative permittivity (real part)</b>	40.634800
<b>Relative permittivity (imaginary part)</b>	20.138100
<b>Conductivity (S/m)</b>	1.003549
<b>Variation (%)</b>	3.320000

### SURFACE SAR

### VOLUME SAR

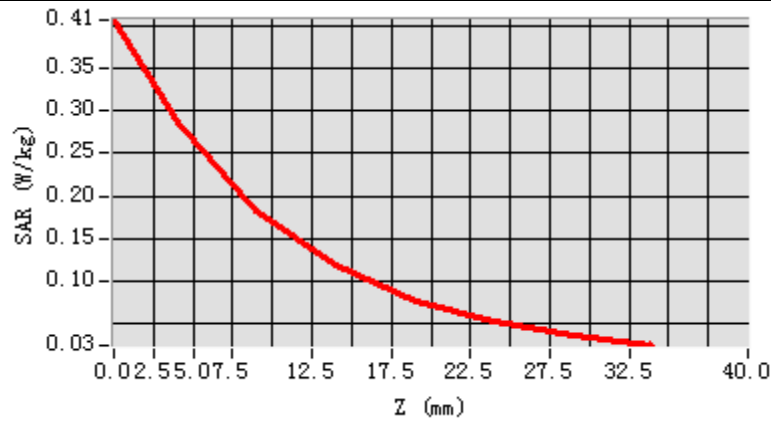


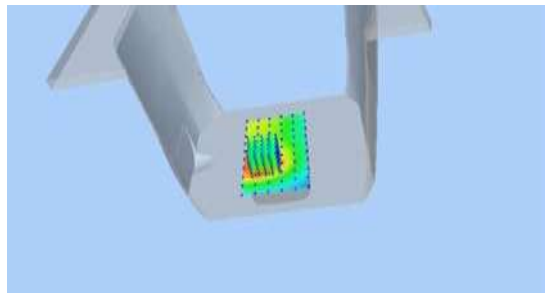
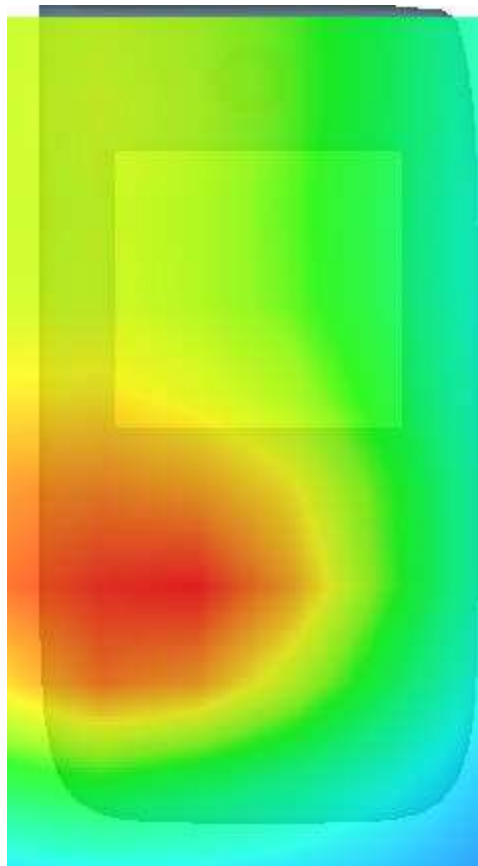
**Maximum location: X=-13.00, Y=-27.00**

**SAR Peak: 0.14 W/kg**

<b>SAR 10g (W/Kg)</b>	0.044075
<b>SAR1g (W/Kg)</b>	0.078722

<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>0.4060</b>	<b>0.2857</b>	<b>0.1831</b>	<b>0.1185</b>	<b>0.0780</b>	<b>0.0529</b>	<b>0.0360</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 45

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1:1.58)</u>

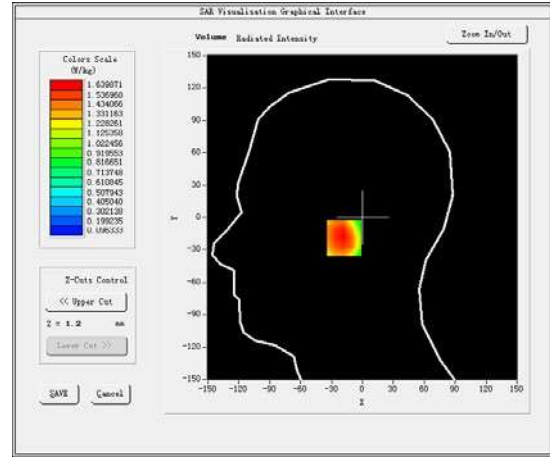
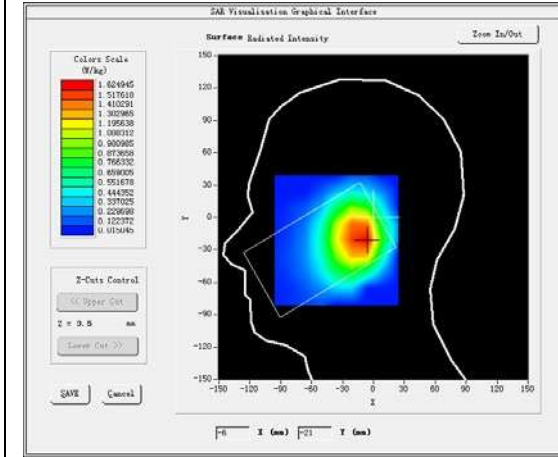
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 519000):

<b>Frequency (MHz)</b>	2595.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-4.530000

### SURFACE SAR

### VOLUME SAR

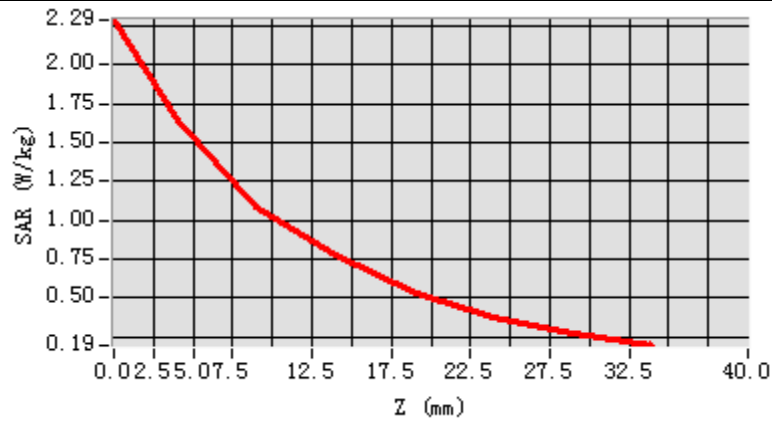


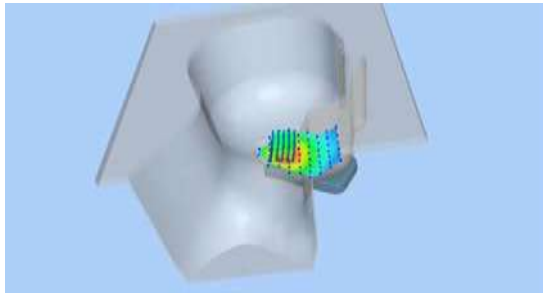
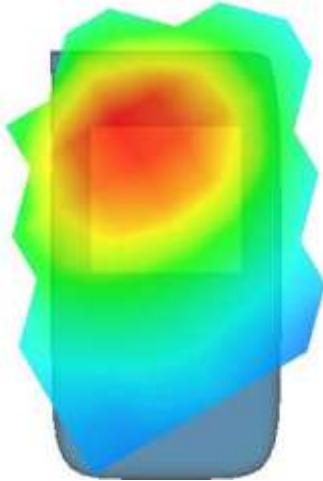
**Maximum location: X=-10.00, Y=-19.00**

**SAR Peak: 0.59 W/kg**

<b>SAR 10g (W/Kg)</b>	0.170826
<b>SAR1g (W/Kg)</b>	0.417830

<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>2.2877</b>	<b>1.6399</b>	<b>1.0898</b>	<b>0.7705</b>	<b>0.5357</b>	<b>0.3749</b>	<b>0.2738</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 46

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 12 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA(Crest factor: 1:1.58)</u>

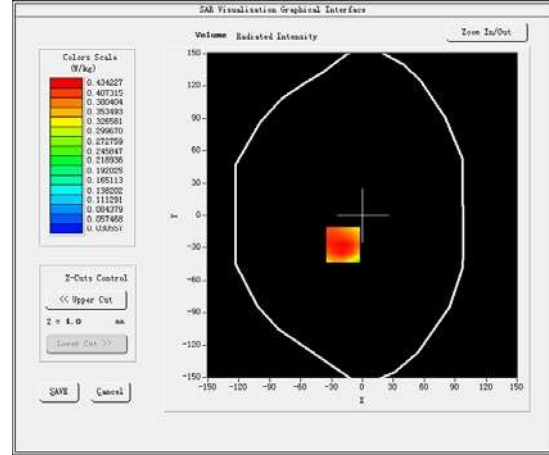
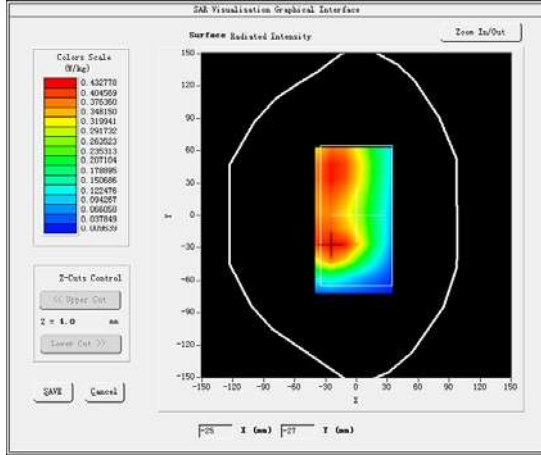
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 519000):

<b>Frequency (MHz)</b>	2595.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	4.460000

### SURFACE SAR

### VOLUME SAR

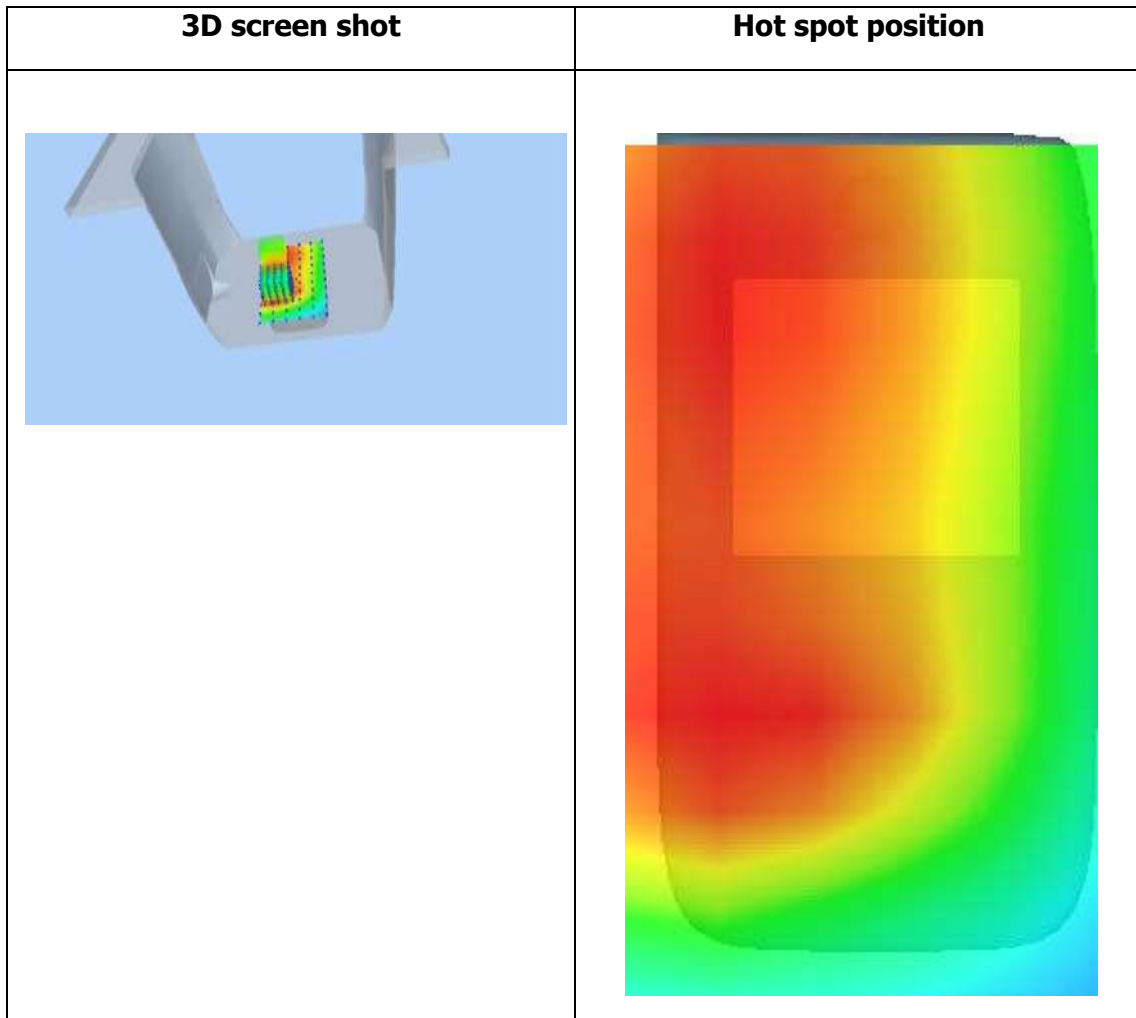
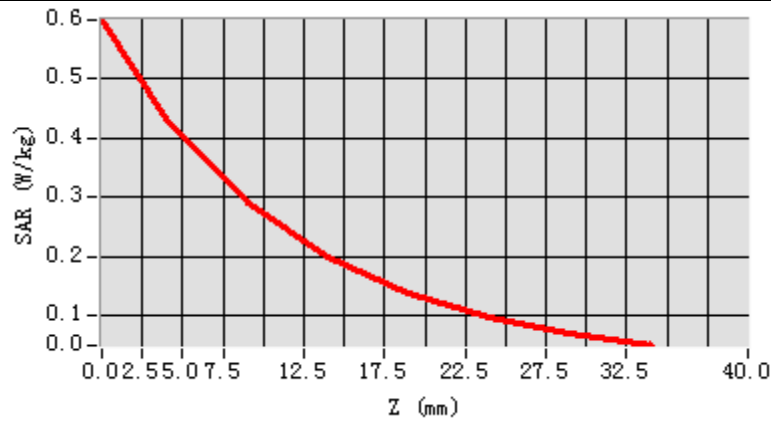


**Maximum location: X=-19.00, Y=-27.00**

**SAR Peak: 0.27 W/kg**

<b>SAR 10g (W/Kg)</b>	0.045827
<b>SAR1g (W/Kg)</b>	0.115740

<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>0.5994</b>	<b>0.4342</b>	<b>0.2910</b>	<b>0.1982</b>	<b>0.1379</b>	<b>0.0964</b>	<b>0.0688</b>



## MEASUREMENT 47

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1:1.58)</u>

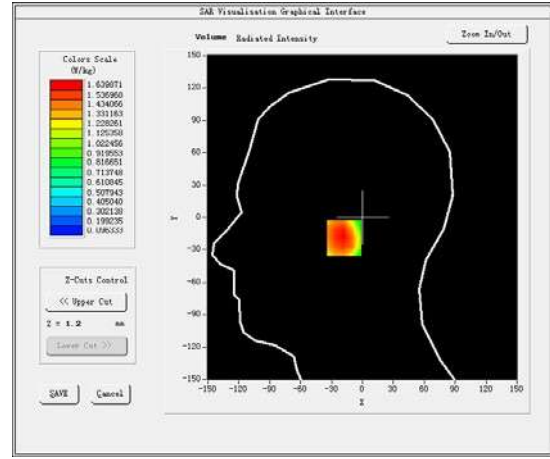
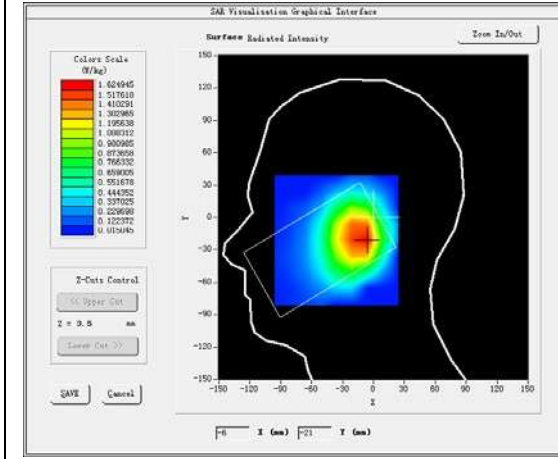
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 518598):

<b>Frequency (MHz)</b>	2593.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-3.420000

### SURFACE SAR

### VOLUME SAR

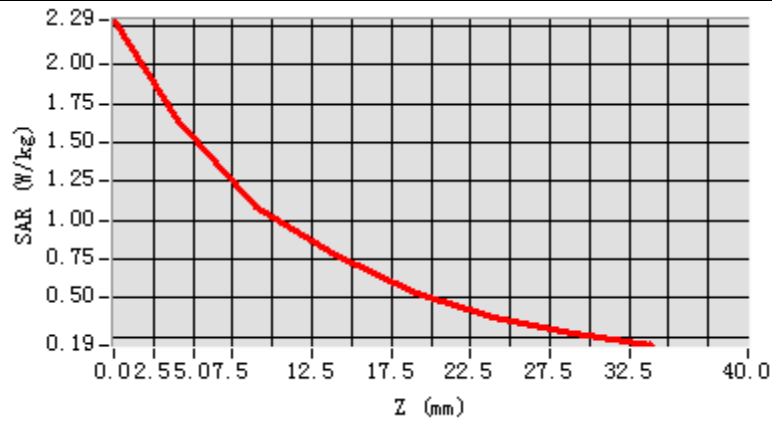


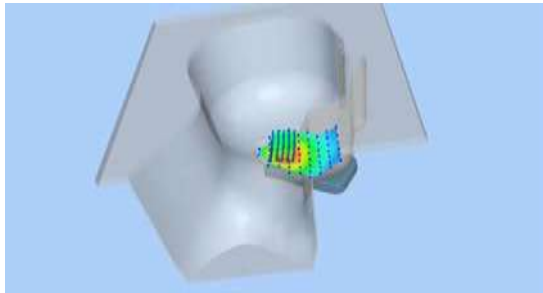
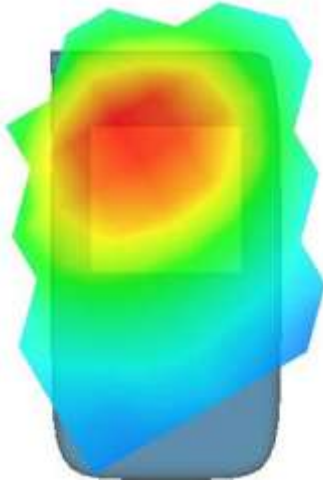
**Maximum location: X=-10.00, Y=-19.00**

**SAR Peak: 0.60 W/kg**

<b>SAR 10g (W/Kg)</b>	0.162694
<b>SAR1g (W/Kg)</b>	0.424550

<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>2.2877</b>	<b>1.6399</b>	<b>1.0898</b>	<b>0.7705</b>	<b>0.5357</b>	<b>0.3749</b>	<b>0.2738</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 48

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 12 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1:1.58)</u>

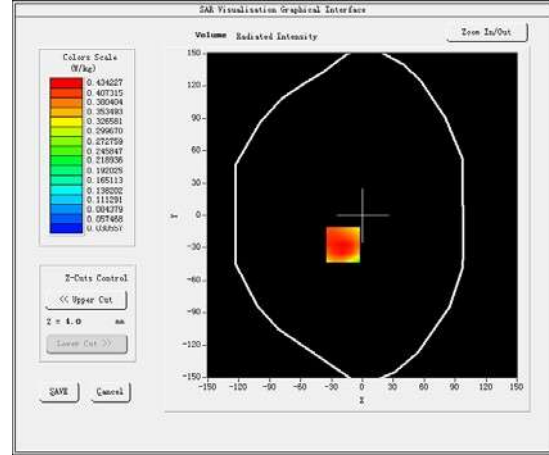
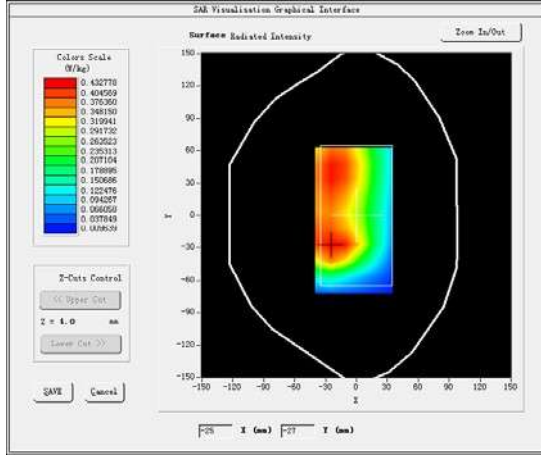
### **B. SAR Measurement Results**

Middle Band SAR (Channel 518598):

<b>Frequency (MHz)</b>	2593.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-3.650000

### SURFACE SAR

### VOLUME SAR



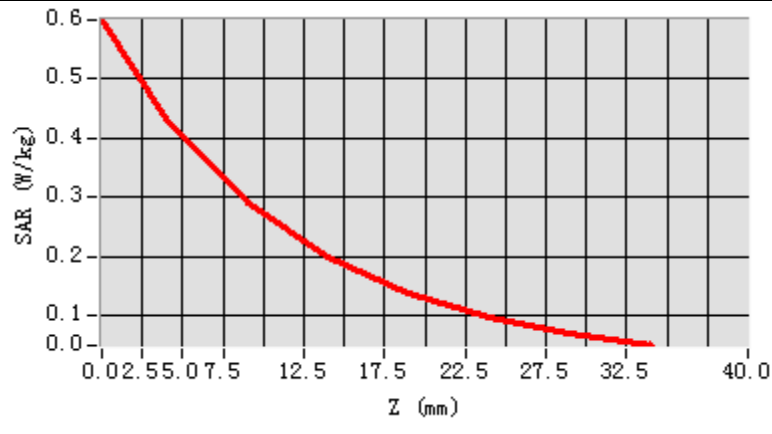
**Maximum location: X=-19.00, Y=-27.00**

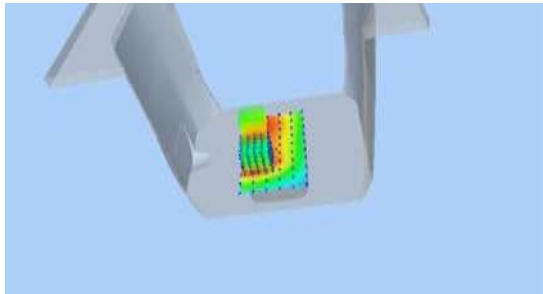
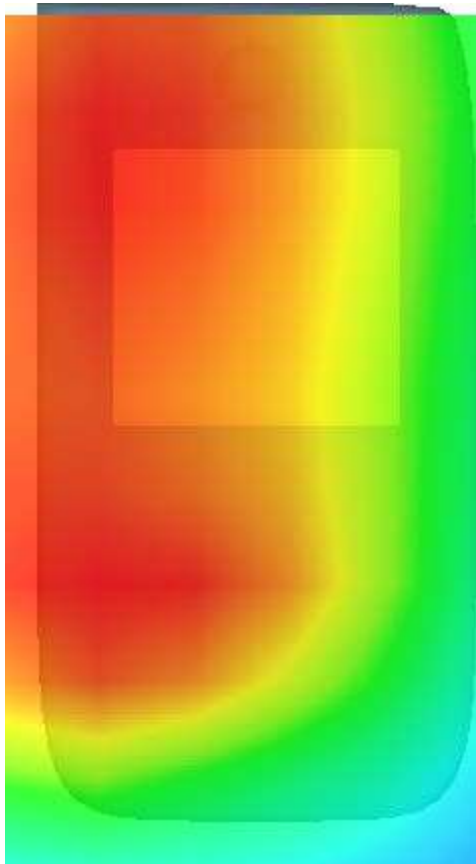
**SAR Peak: 0.35 W/kg**

<b>SAR 10g (W/Kg)</b>	0.071634
<b>SAR1g (W/Kg)</b>	0.182507



<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>0.5994</b>	<b>0.4342</b>	<b>0.2910</b>	<b>0.1982</b>	<b>0.1379</b>	<b>0.0964</b>	<b>0.0688</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 49

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

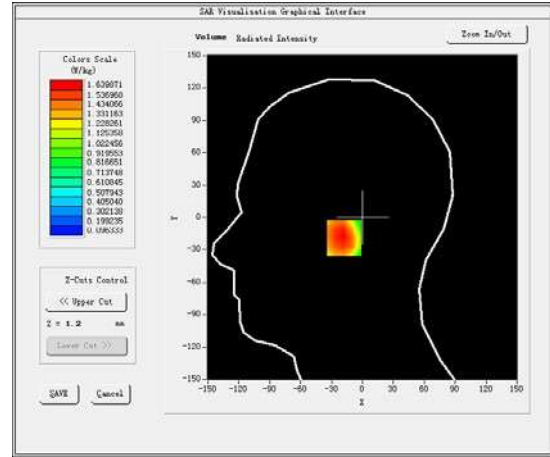
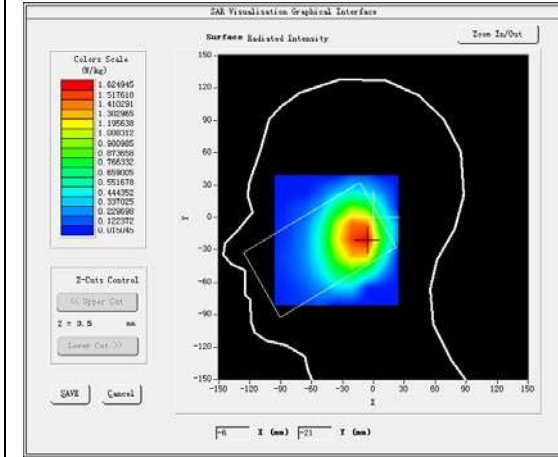
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 349000):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	4.750000

### SURFACE SAR

### VOLUME SAR

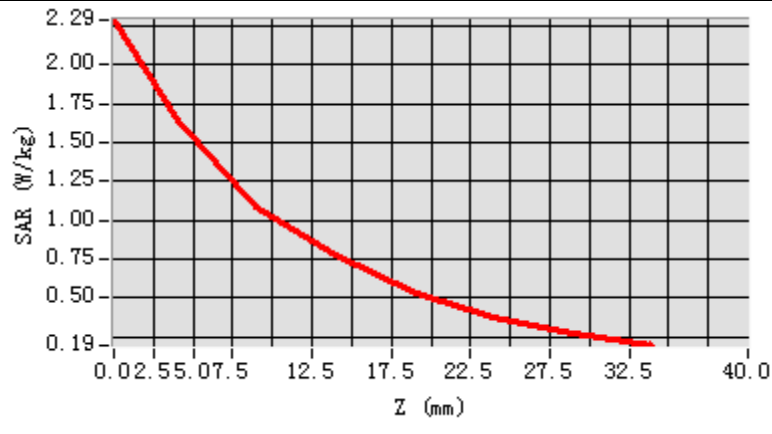


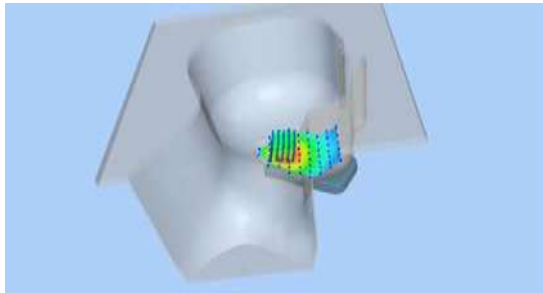
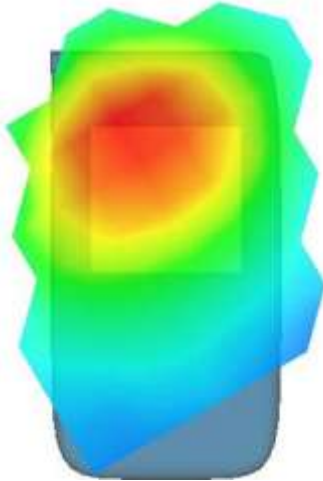
**Maximum location: X=-10.00, Y=-19.00**

**SAR Peak: 0.79 W/kg**

<b>SAR 10g (W/Kg)</b>	0.251500
<b>SAR1g (W/Kg)</b>	0.670834

<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>2.2877</b>	<b>1.6399</b>	<b>1.0898</b>	<b>0.7705</b>	<b>0.5357</b>	<b>0.3749</b>	<b>0.2738</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 50

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 12 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

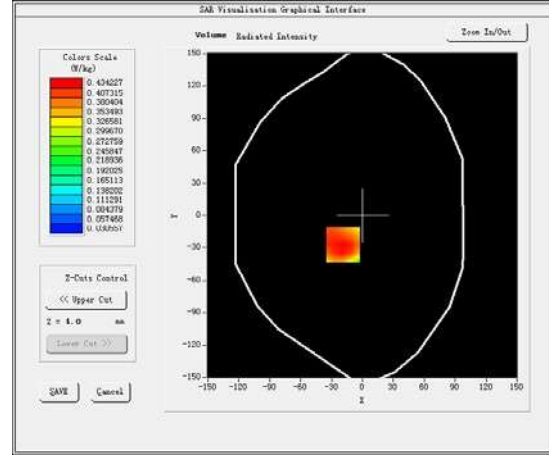
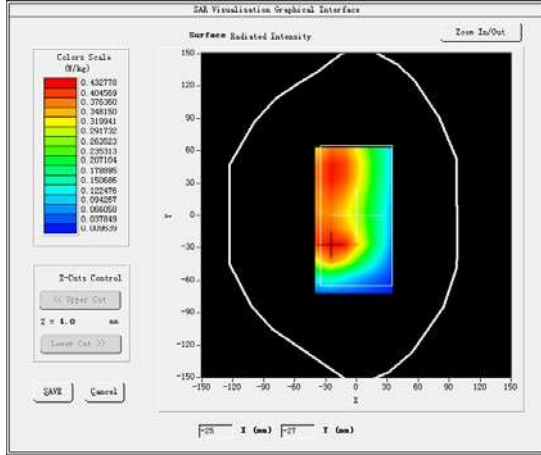
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 349000):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	4.640000

### SURFACE SAR

### VOLUME SAR

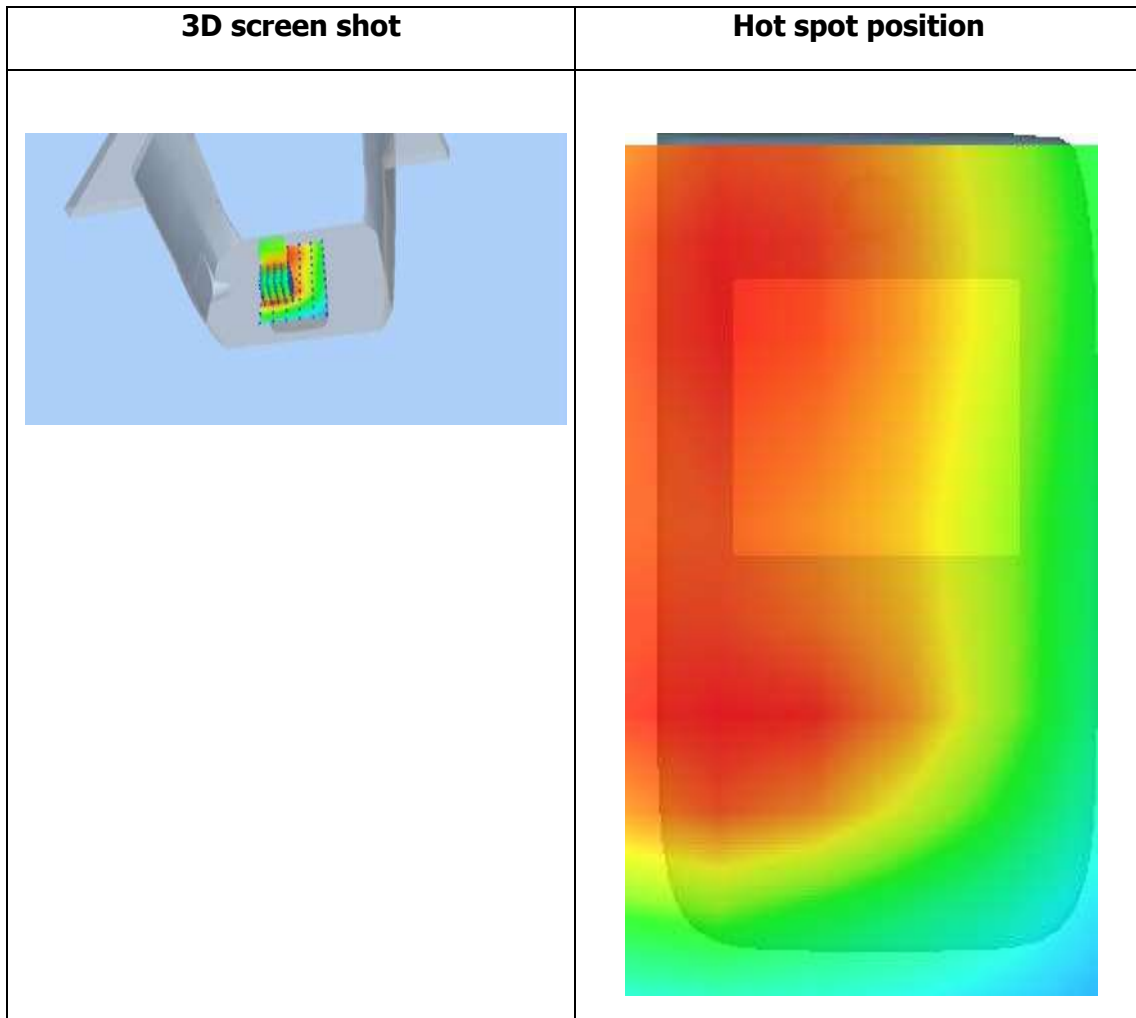
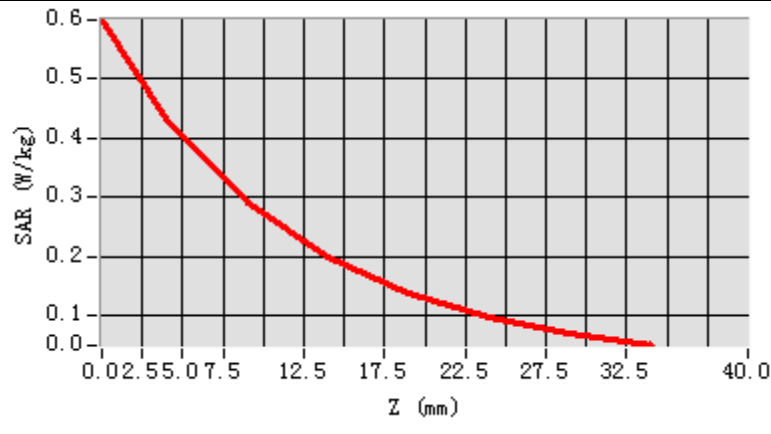


**Maximum location: X=-19.00, Y=-27.00**

**SAR Peak: 0.18 W/kg**

<b>SAR 10g (W/Kg)</b>	0.057504
<b>SAR1g (W/Kg)</b>	0.10217

<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>0.5994</b>	<b>0.4342</b>	<b>0.2910</b>	<b>0.1982</b>	<b>0.1379</b>	<b>0.0964</b>	<b>0.0688</b>



## MEASUREMENT 51

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA(Crest factor: 1.0)</u>

### **B. SAR MeasurementResults**

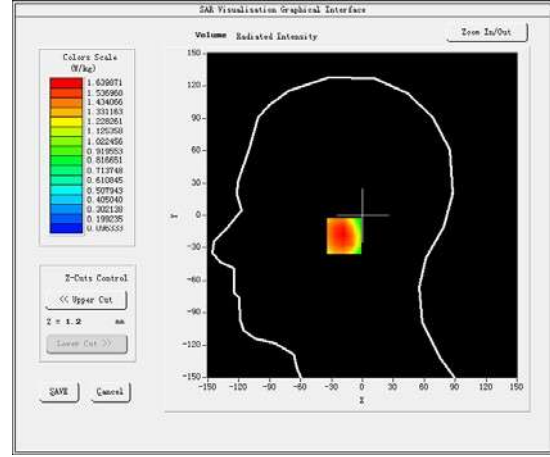
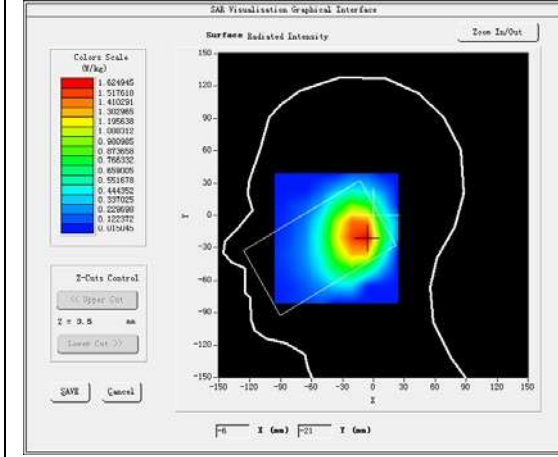
Middle Band SAR (Channel 633334):

<b>Frequency (MHz)</b>	3500.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	4.660000



### SURFACE SAR

### VOLUME SAR

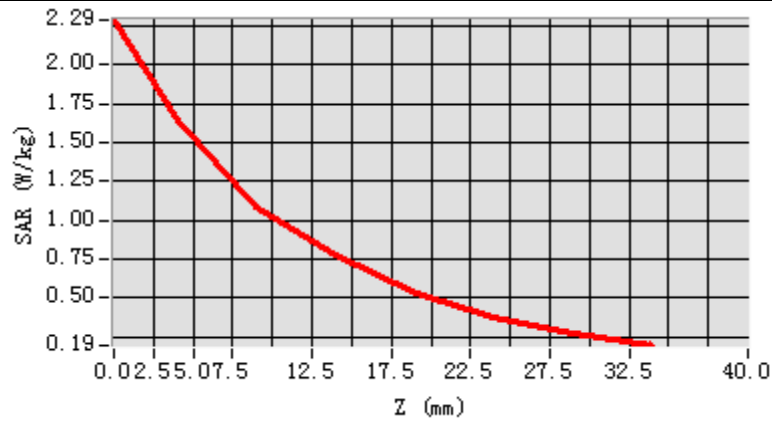


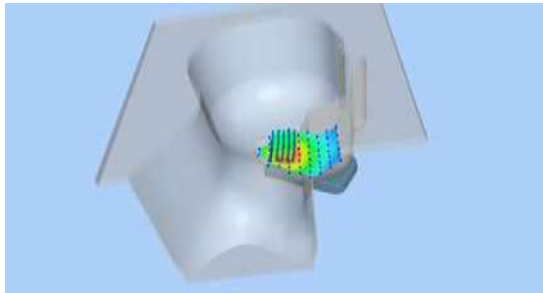
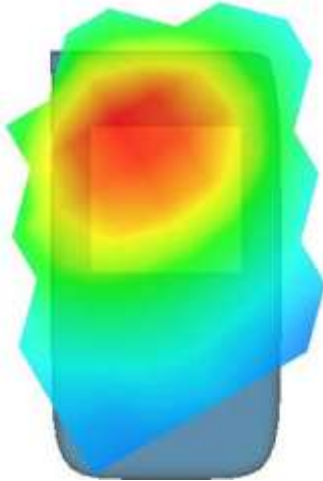
**Maximum location: X=-10.00, Y=-19.00**

**SAR Peak: 0.72 W/kg**

<b>SAR 10g (W/Kg)</b>	0.245086
<b>SAR1g (W/Kg)</b>	0.585604

<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>2.2877</b>	<b>1.6399</b>	<b>1.0898</b>	<b>0.7705</b>	<b>0.5357</b>	<b>0.3749</b>	<b>0.2738</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 52

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 8/7/2024

Measurement duration: 12 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

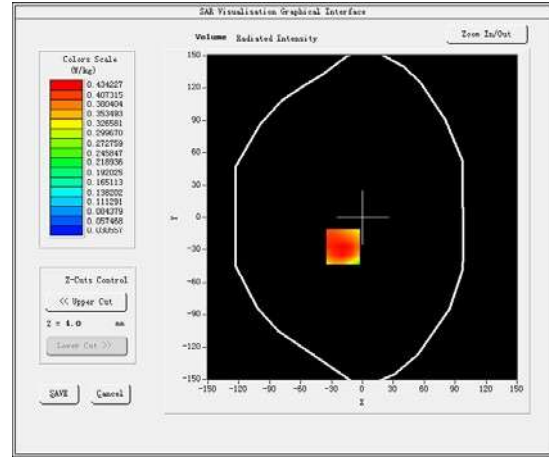
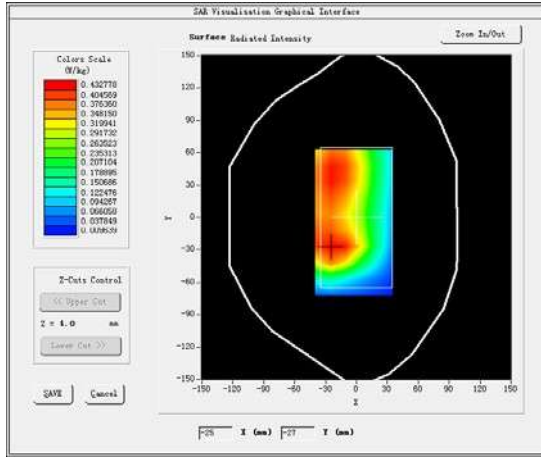
### **B. SAR Measurement Results**

Middle Band SAR (Channel 633334):

<b>Frequency (MHz)</b>	3500.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	3.670000

### SURFACE SAR

### VOLUME SAR

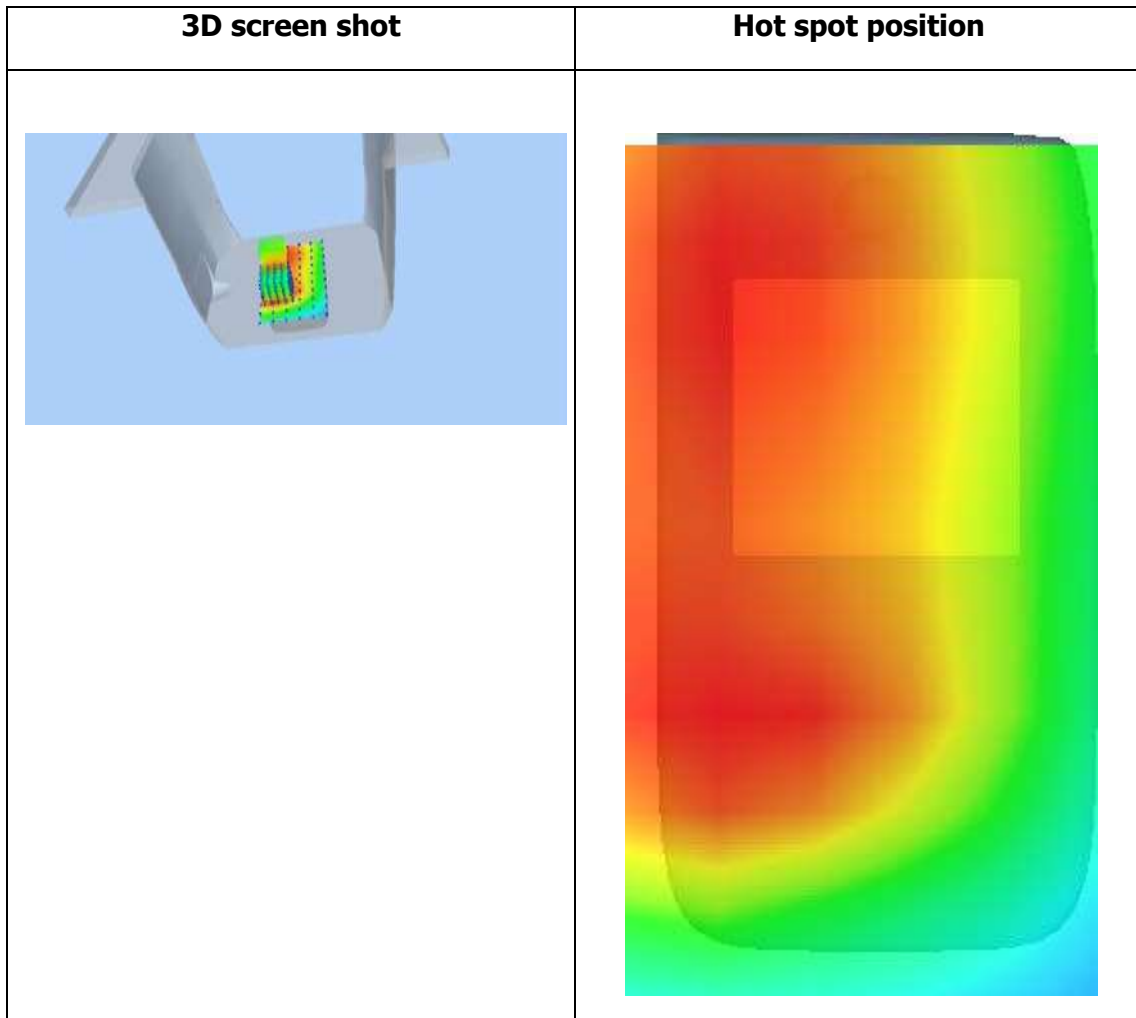
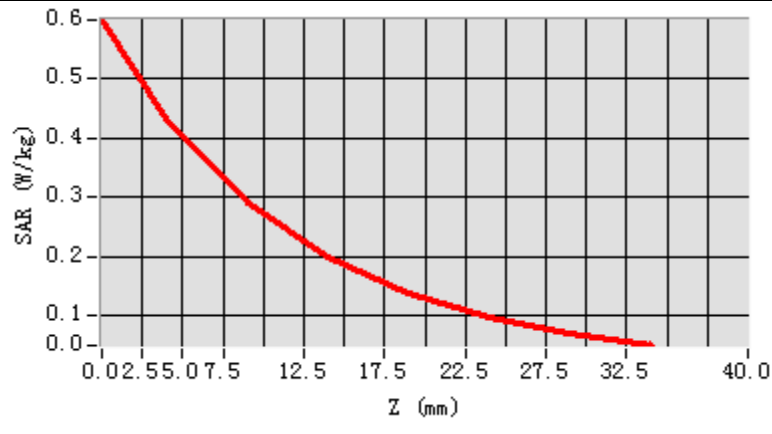


**Maximum location: X=-19.00, Y=-27.00**

**SAR Peak: 0.47 W/kg**

<b>SAR 10g (W/Kg)</b>	0.137515
<b>SAR1g (W/Kg)</b>	0.348250

<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>0.5994</b>	<b>0.4342</b>	<b>0.2910</b>	<b>0.1982</b>	<b>0.1379</b>	<b>0.0964</b>	<b>0.0688</b>



## MEASUREMENT 53

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 7 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

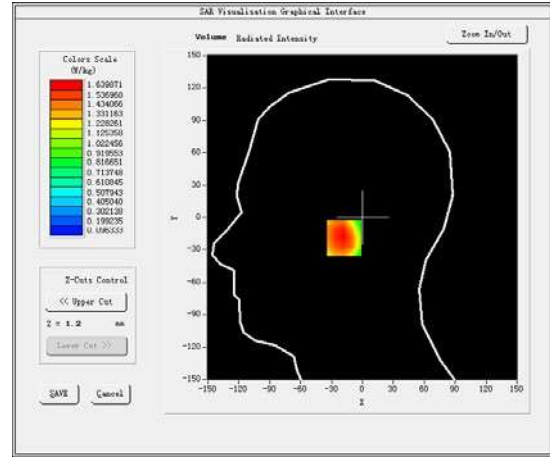
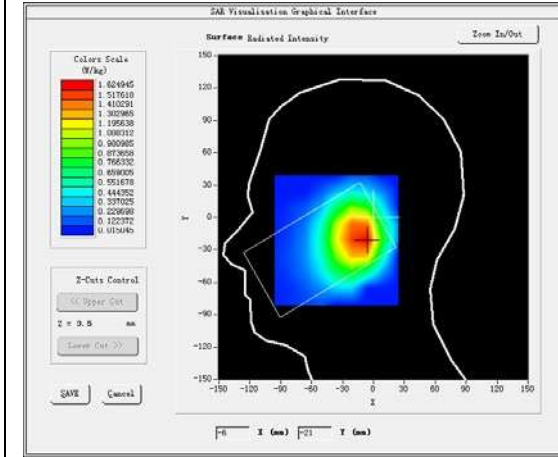
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 650000):

<b>Frequency (MHz)</b>	3750.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	-2.690000

### SURFACE SAR

### VOLUME SAR

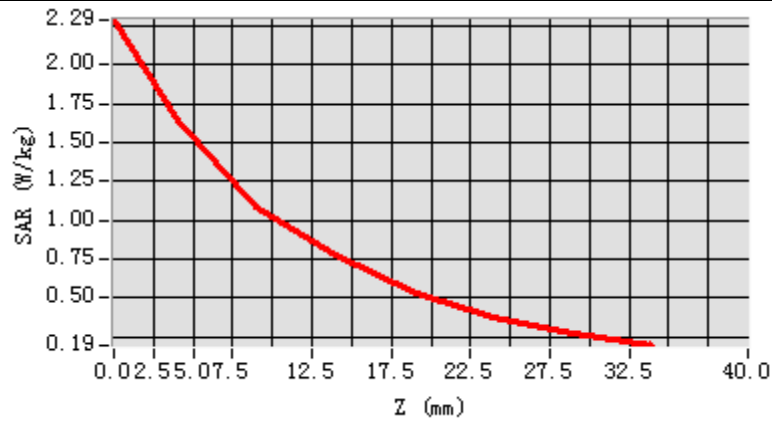


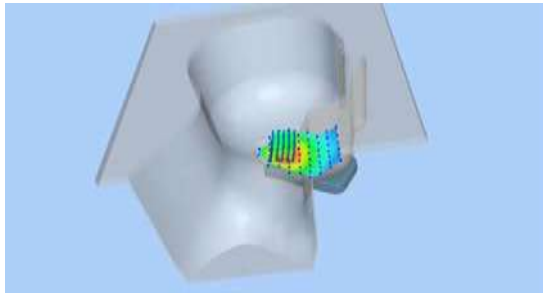
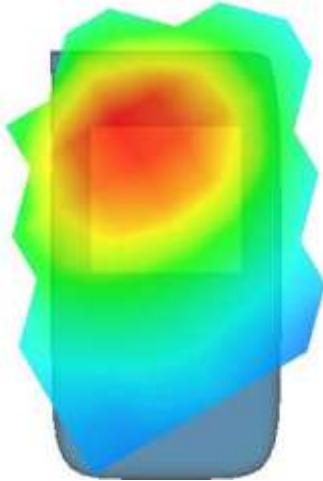
**Maximum location: X=-10.00, Y=-19.00**

**SAR Peak: 0.57 W/kg**

<b>SAR 10g (W/Kg)</b>	0.185813
<b>SAR1g (W/Kg)</b>	0.432351

<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>2.2877</b>	<b>1.6399</b>	<b>1.0898</b>	<b>0.7705</b>	<b>0.5357</b>	<b>0.3749</b>	<b>0.2738</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 54

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement:8/7/2024

Measurement duration: 12 minutes 11 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>SA (Crest factor: 1.0)</u>

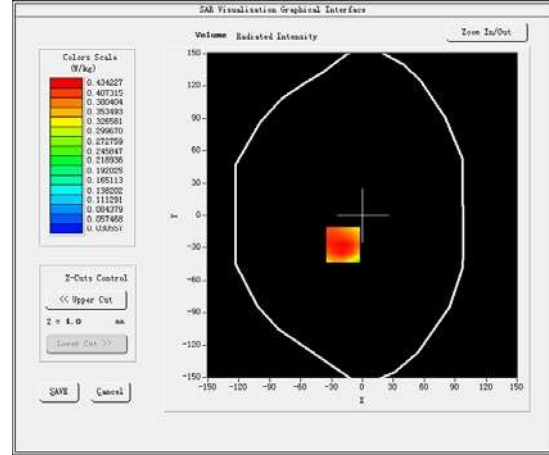
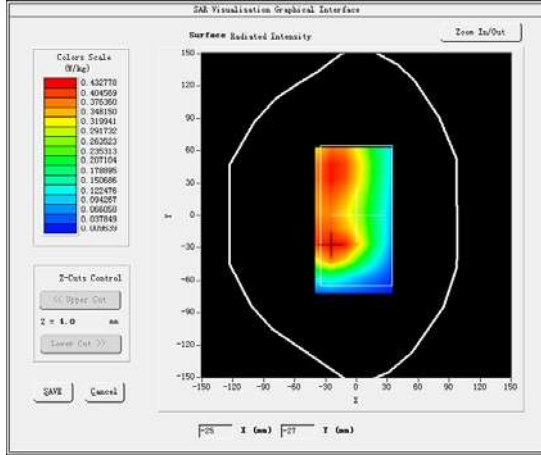
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 650000):

<b>Frequency (MHz)</b>	3750.000000
<b>Relative permittivity (real part)</b>	39.920200
<b>Relative permittivity (imaginary part)</b>	13.553000
<b>Conductivity (S/m)</b>	1.953891
<b>Variation (%)</b>	0.170000

### SURFACE SAR

### VOLUME SAR

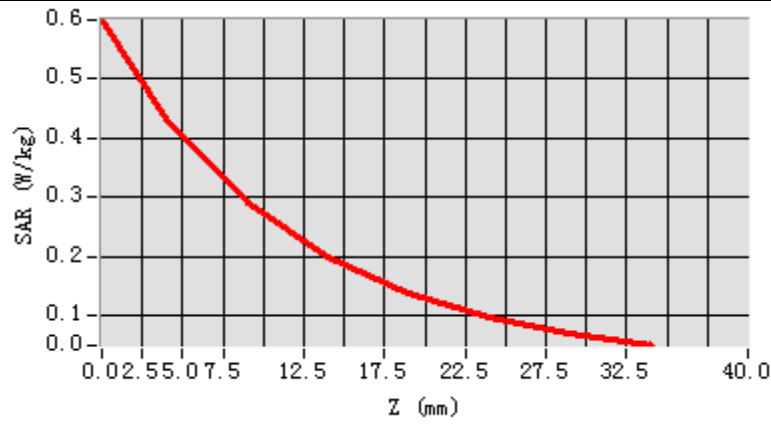


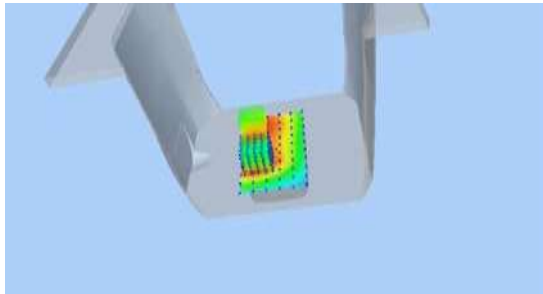
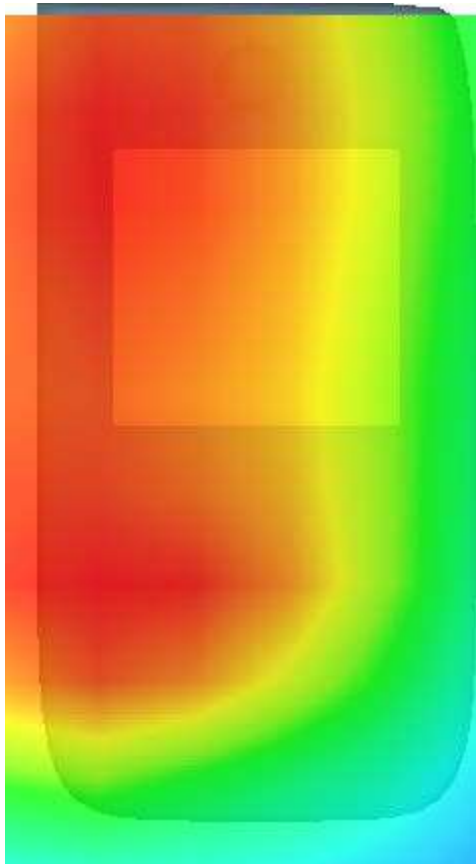
**Maximum location: X=-19.00, Y=-27.00**

**SAR Peak: 0.26 W/kg**

<b>SAR 10g (W/Kg)</b>	0.075916
<b>SAR1g (W/Kg)</b>	0.192371

<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>0.5994</b>	<b>0.4342</b>	<b>0.2910</b>	<b>0.1982</b>	<b>0.1379</b>	<b>0.0964</b>	<b>0.0688</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 55

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>2-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

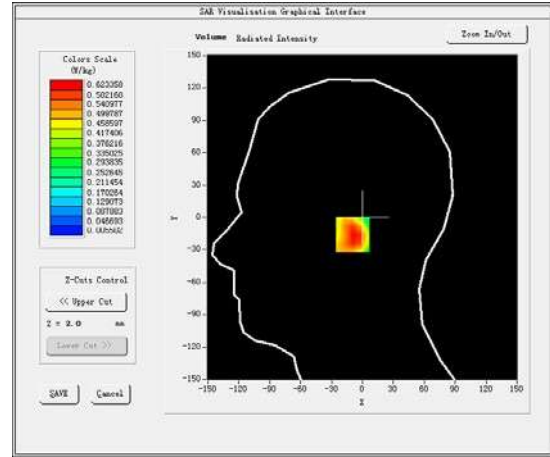
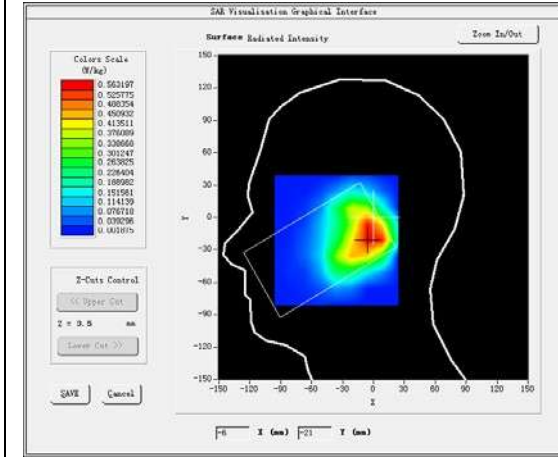
### **B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-3.250000

### SURFACE SAR

### VOLUME SAR

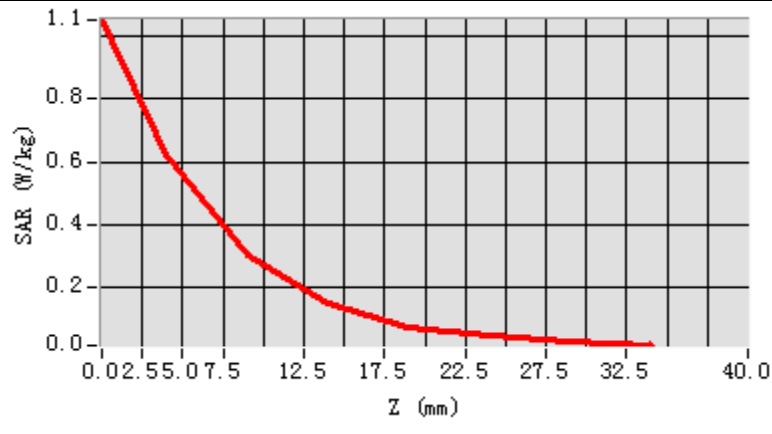


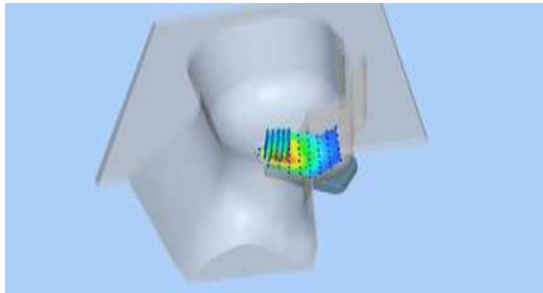
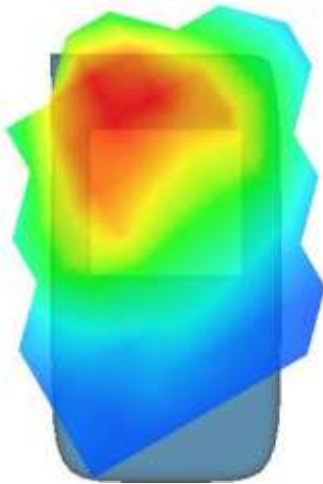
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 1.13 W/kg**

<b>SAR 10g (W/Kg)</b>	0.412059
<b>SAR1g (W/Kg)</b>	0.967701

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 56

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>2-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

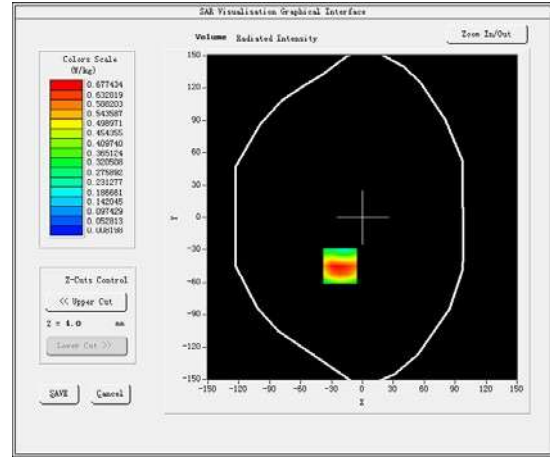
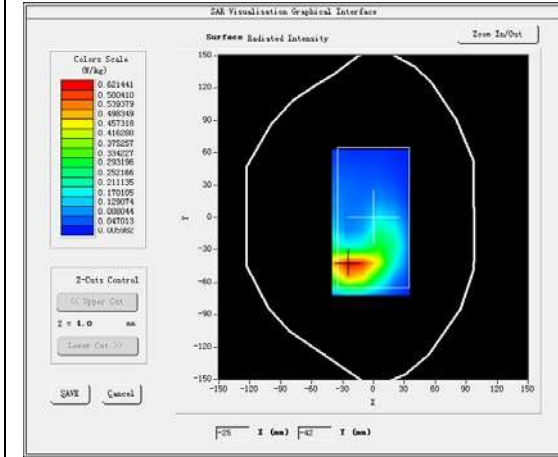
### **B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-4.770000

### SURFACE SAR

### VOLUME SAR



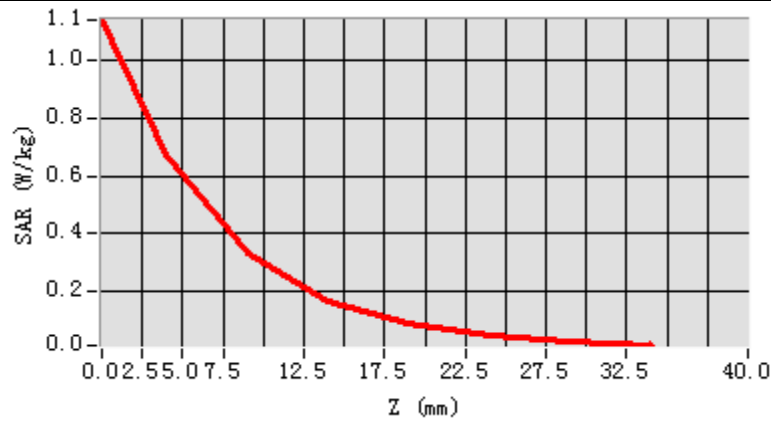
**Maximum location: X=-22.00, Y=-45.00**

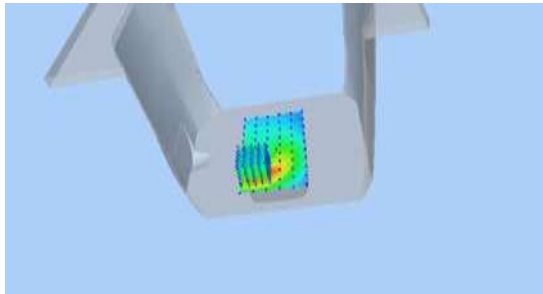
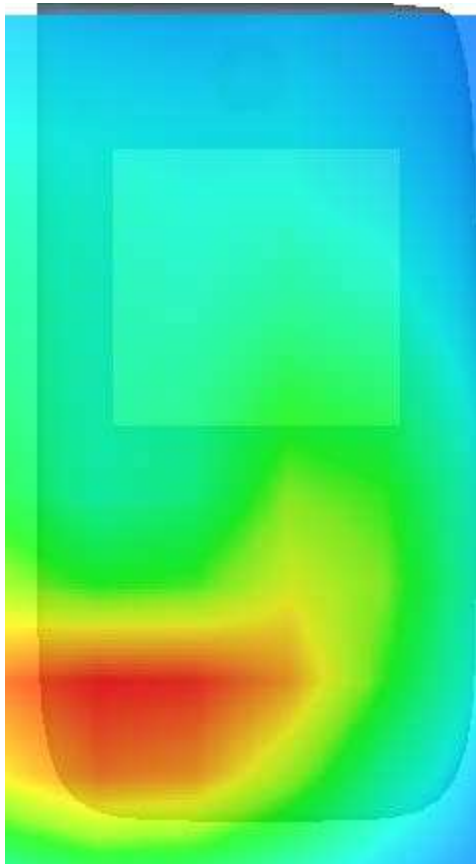
**SAR Peak: 0.53 W/kg**

<b>SAR 10g (W/Kg)</b>	0.137905
<b>SAR1g (W/Kg)</b>	0.343072



<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 57

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>2-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

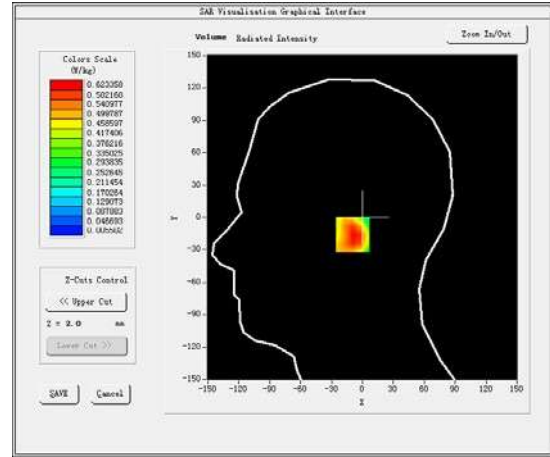
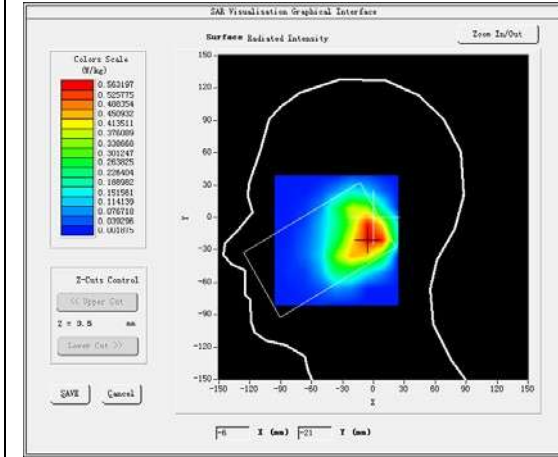
### **D. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	1.040000

### SURFACE SAR

### VOLUME SAR

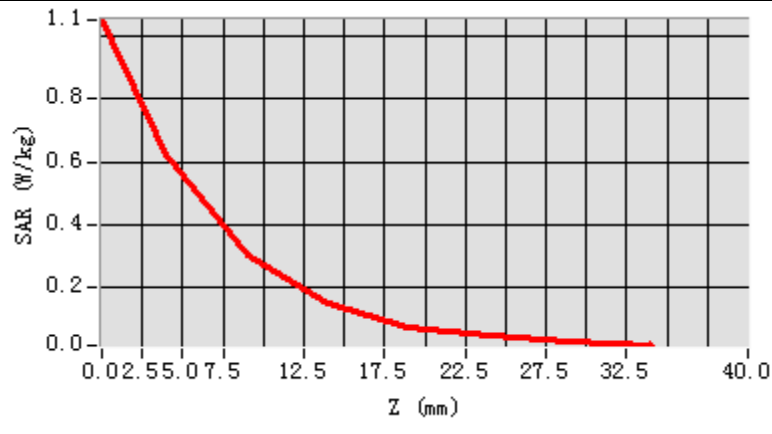


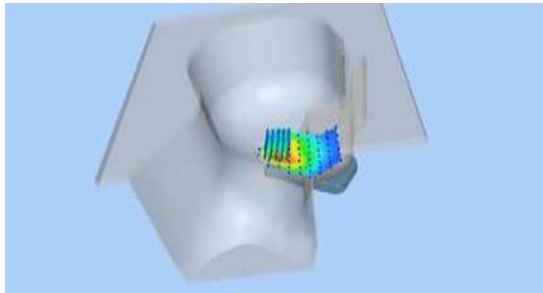
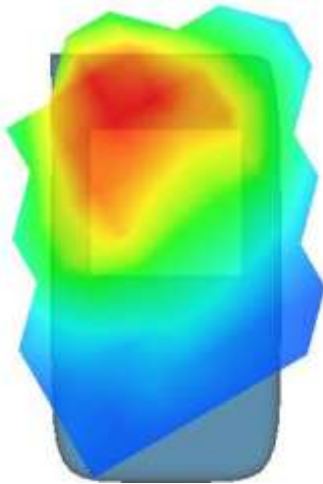
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 1.27 W/kg**

<b>SAR 10g (W/Kg)</b>	0.424920
<b>SAR1g (W/Kg)</b>	1.018352

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 58

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>2-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

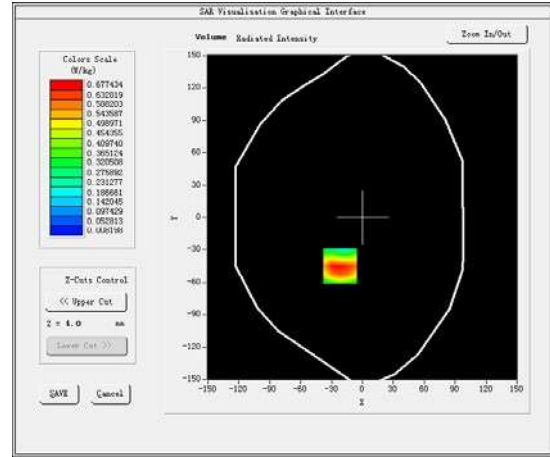
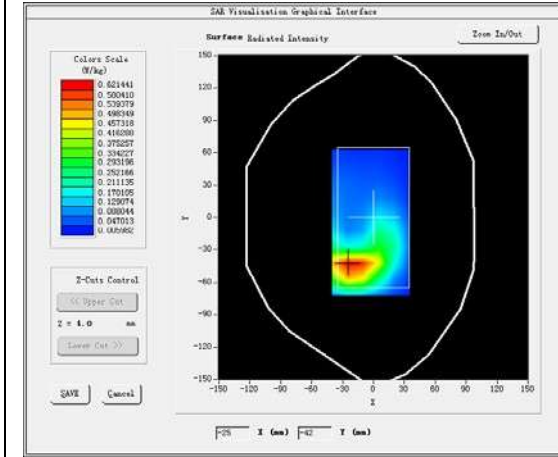
### **B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-0.110000

### SURFACE SAR

### VOLUME SAR

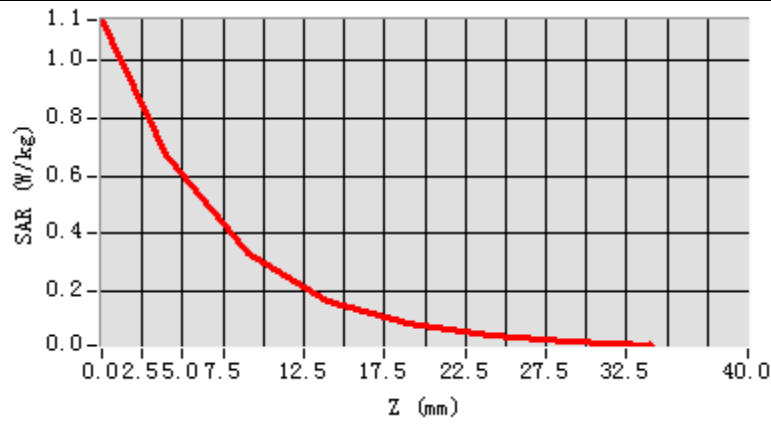


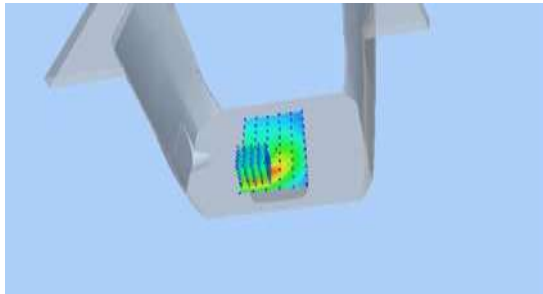
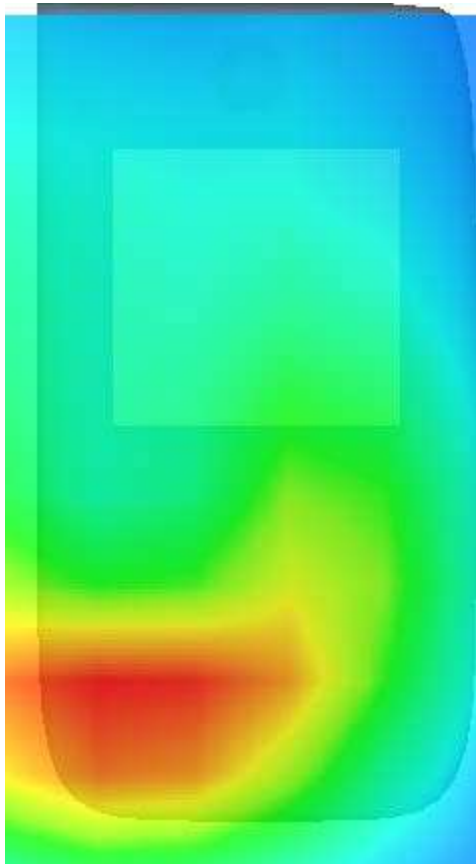
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.50 W/kg**

<b>SAR 10g (W/Kg)</b>	0.153108
<b>SAR1g (W/Kg)</b>	0.300856

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 59

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>2-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

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

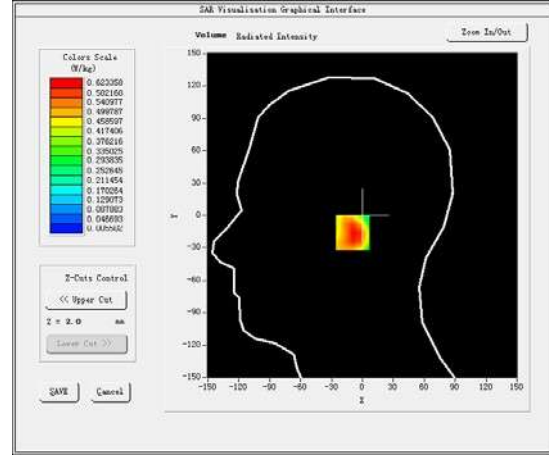
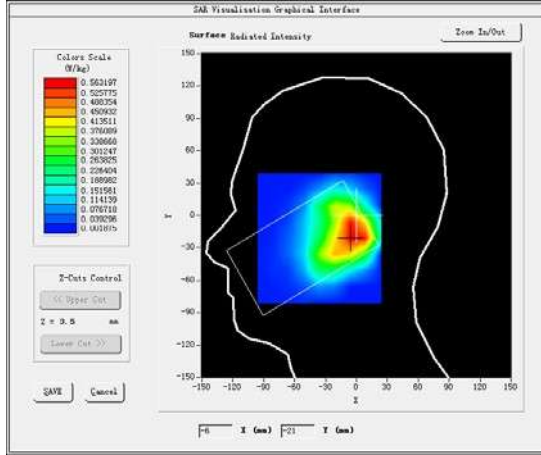
Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	4.490000



### SURFACE SAR

### VOLUME SAR

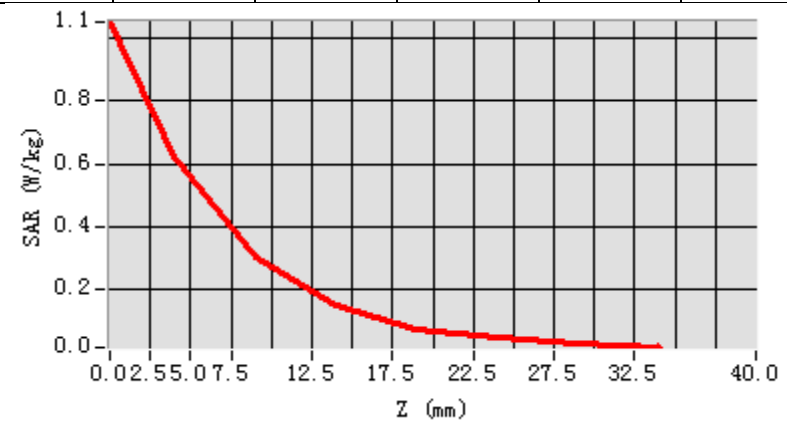


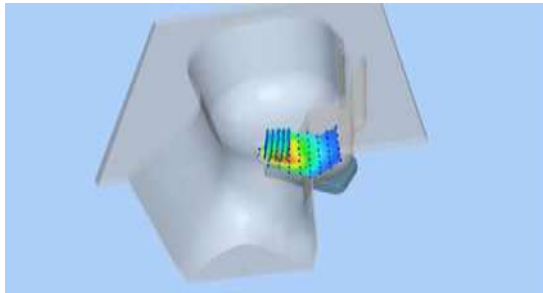
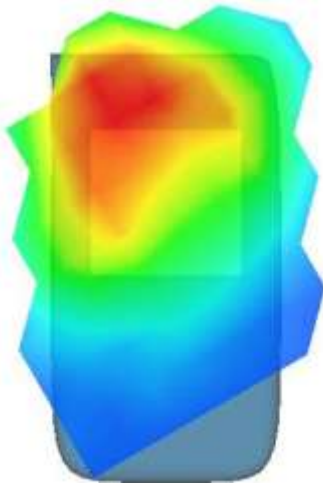
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.47 W/kg**

<b>SAR 10g (W/Kg)</b>	0.153972
<b>SAR1g (W/Kg)</b>	0.361525

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 60

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>2-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

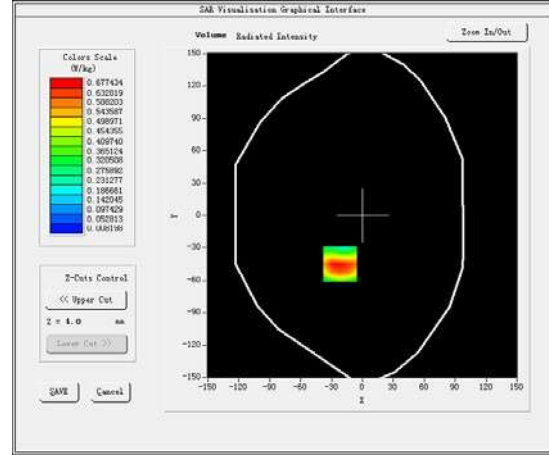
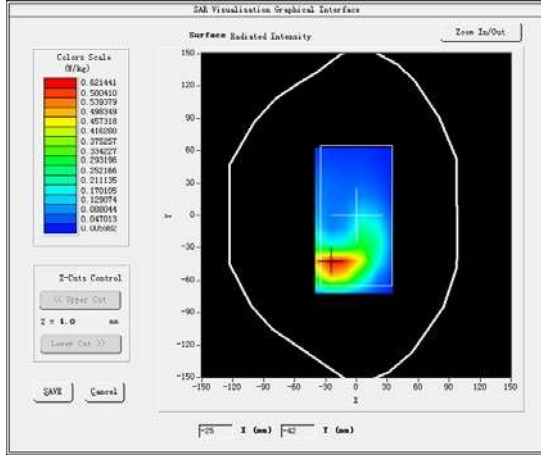
### **B. SAR Measurement Results**

Middle Band SAR (Channel 18900):

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	4.000000

### SURFACE SAR

### VOLUME SAR

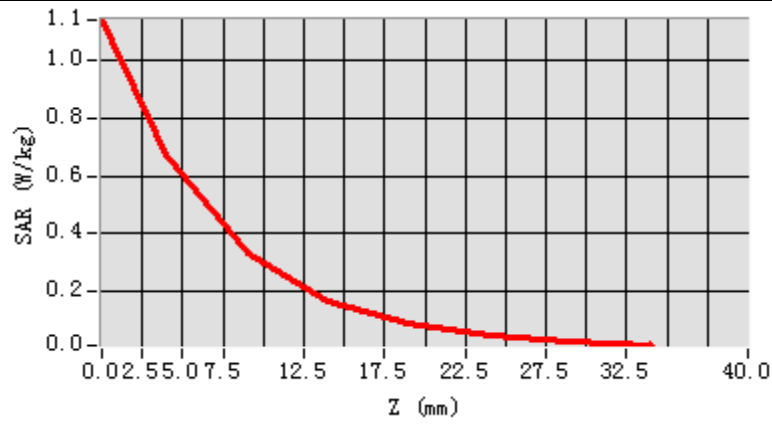


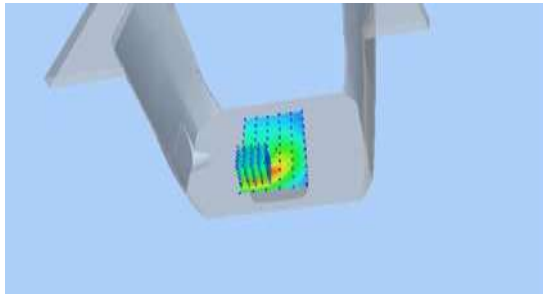
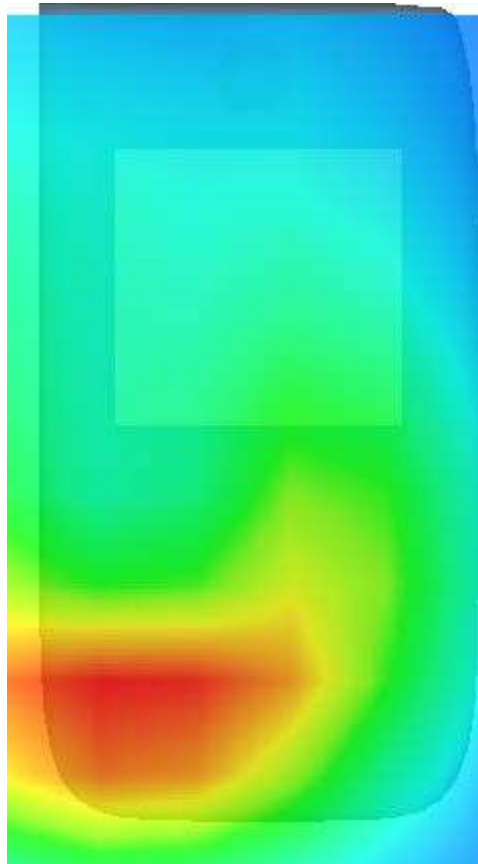
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.27 W/kg**

<b>SAR 10g (W/Kg)</b>	0.054029
<b>SAR1g (W/Kg)</b>	0.128036

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

## MEASUREMENT 61

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>4-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

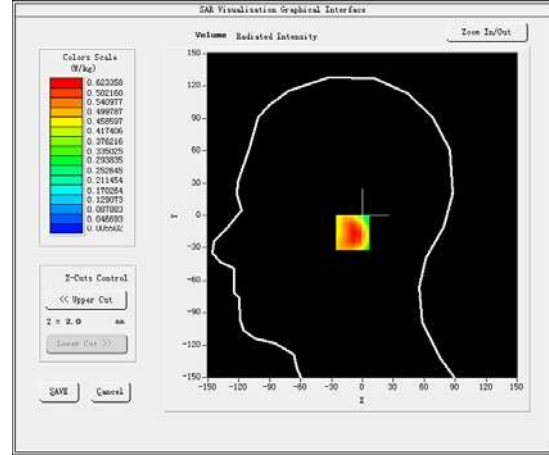
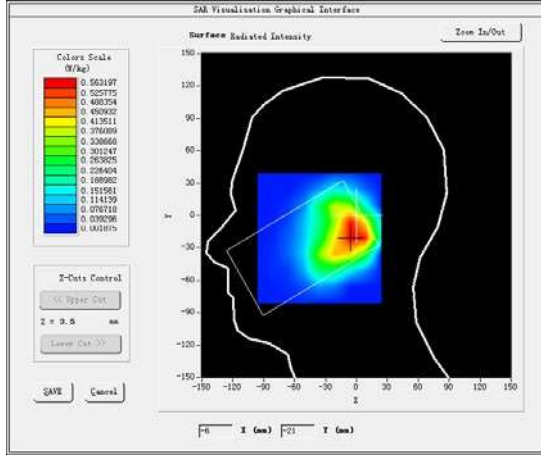
### **D. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	3.510000

### SURFACE SAR

### VOLUME SAR

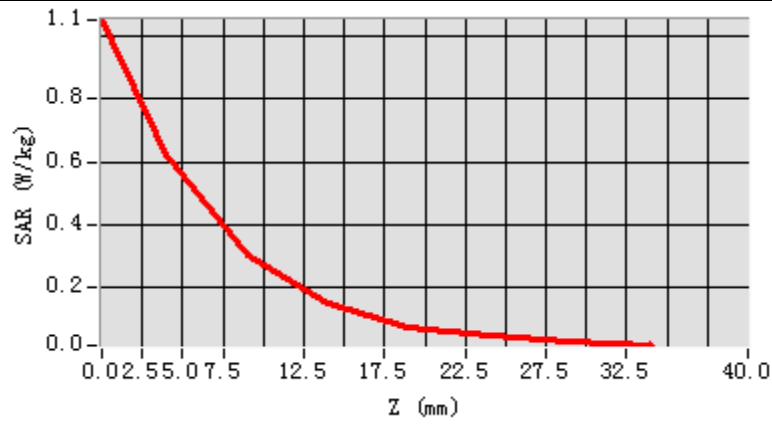


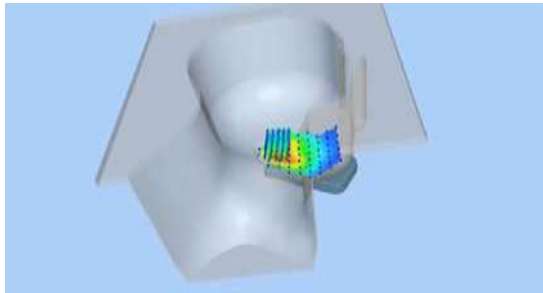
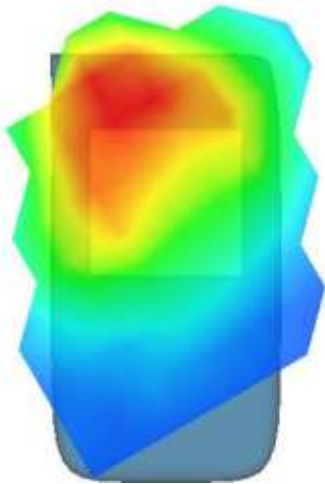
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.51 W/kg**

<b>SAR 10g (W/Kg)</b>	0.135946
<b>SAR1g (W/Kg)</b>	0.328634

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 62

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>4-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

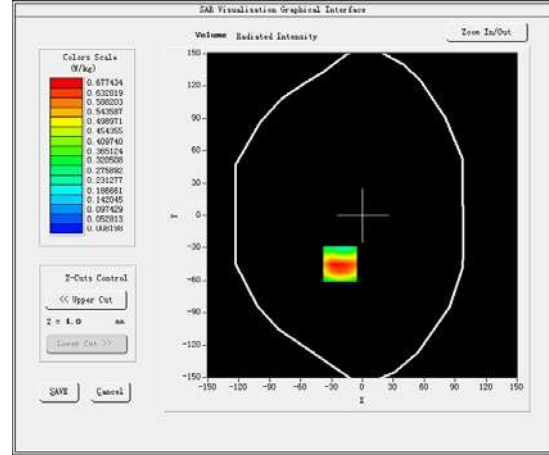
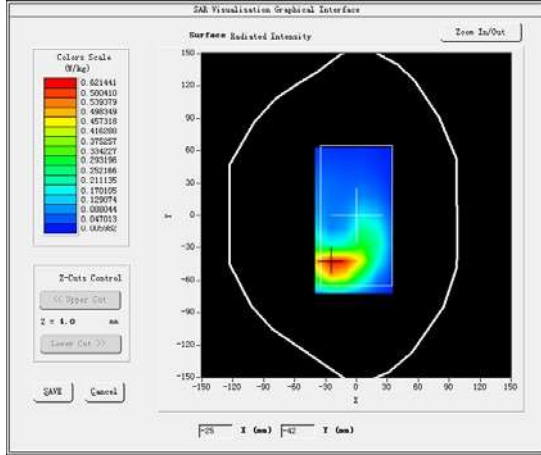
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-2.580000

### SURFACE SAR

### VOLUME SAR

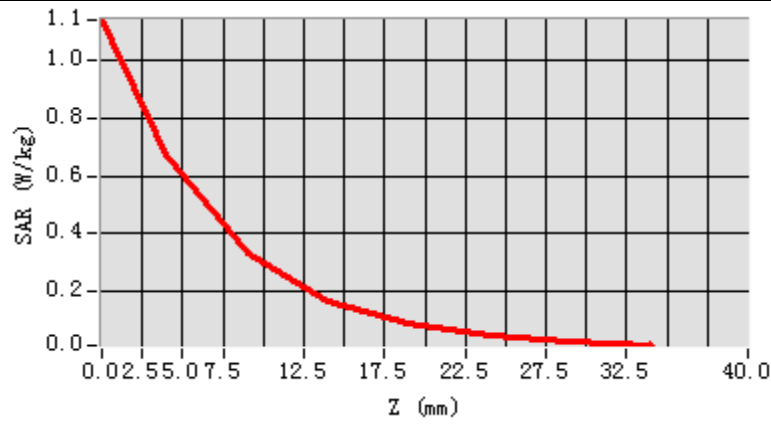


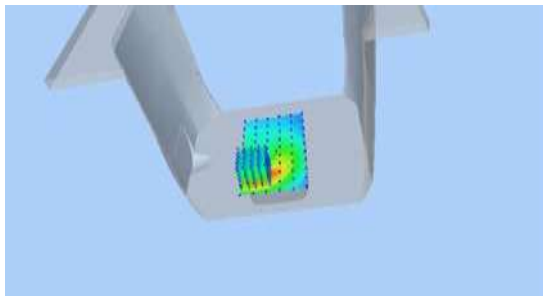
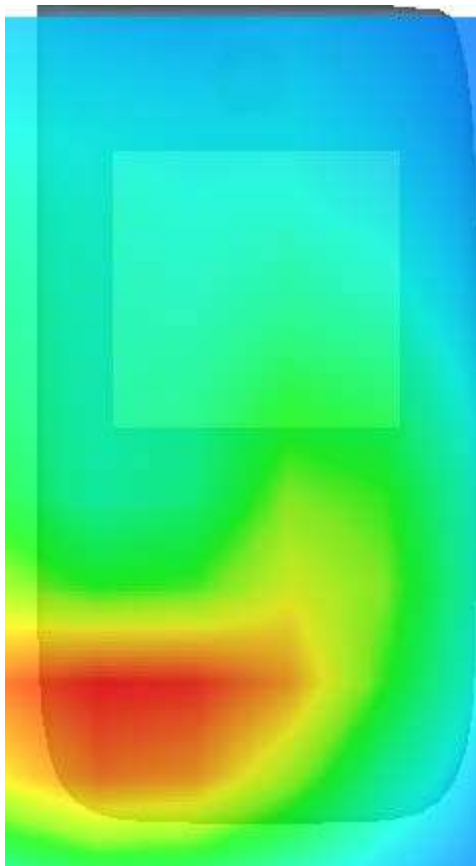
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.29 W/kg**

<b>SAR 10g (W/Kg)</b>	0.058550
<b>SAR1g (W/Kg)</b>	0.147253

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 63

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

### **E. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>4-N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

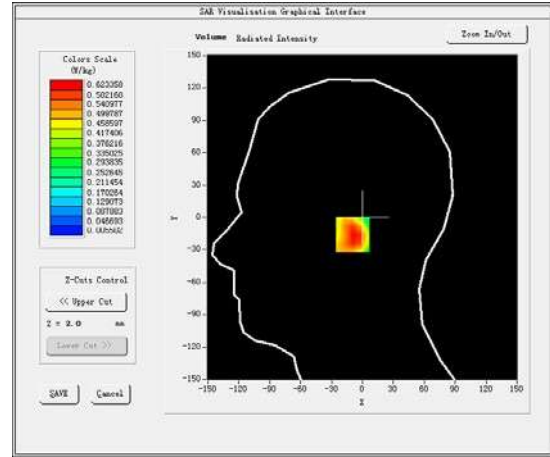
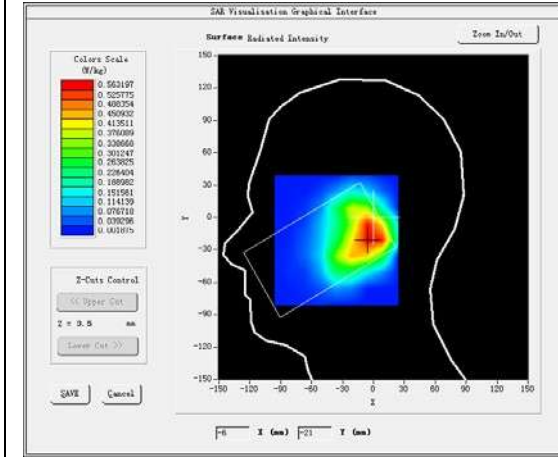
### **F. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-3.010000

### SURFACE SAR

### VOLUME SAR

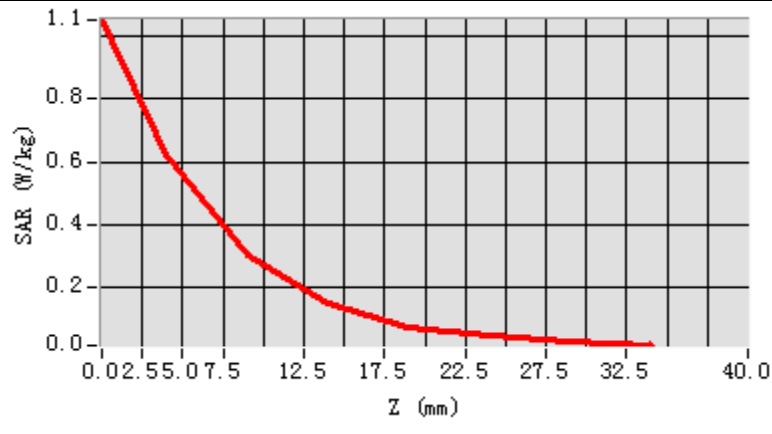


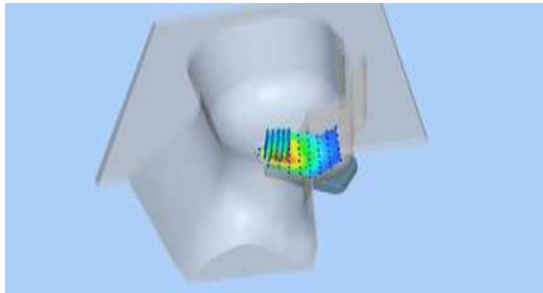
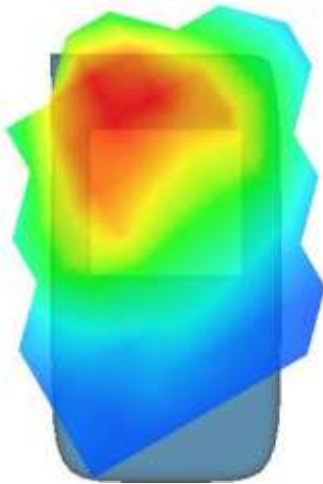
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.55 W/kg**

<b>SAR 10g (W/Kg)</b>	0.142409
<b>SAR1g (W/Kg)</b>	0.343915

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 64

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>4-N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

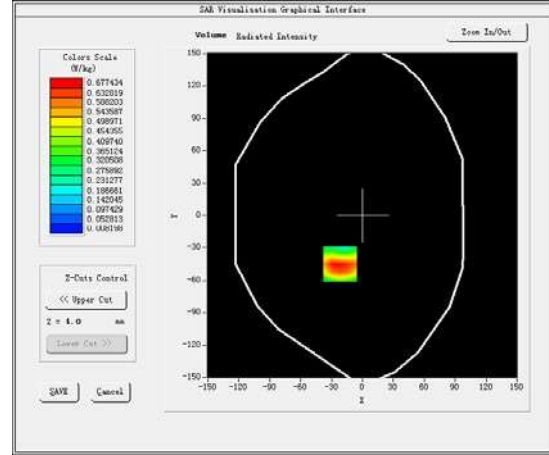
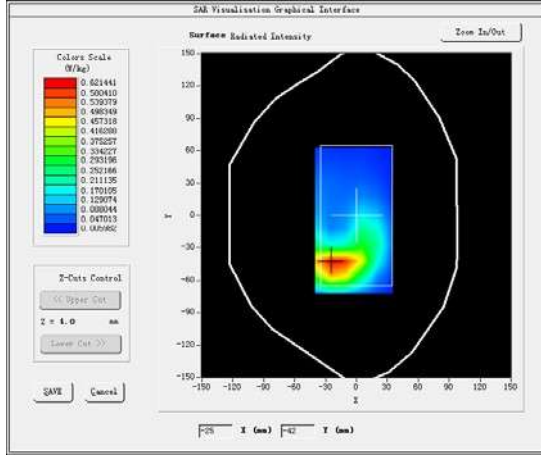
### **D. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-4.350000

### SURFACE SAR

### VOLUME SAR



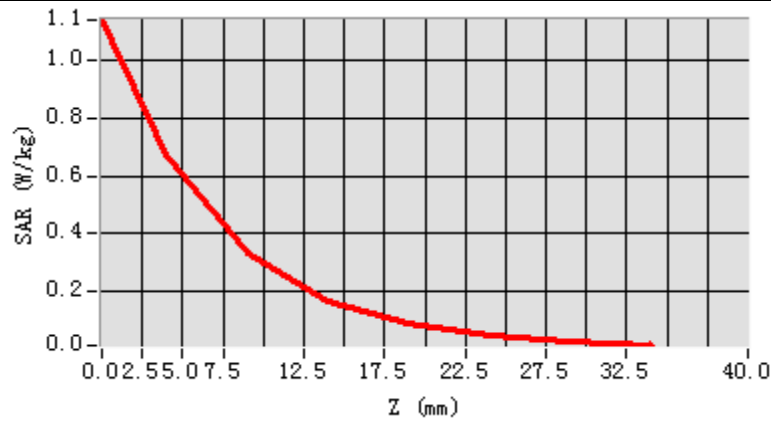
**Maximum location: X=-22.00, Y=-45.00**

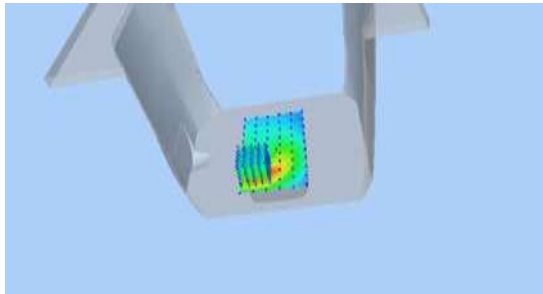
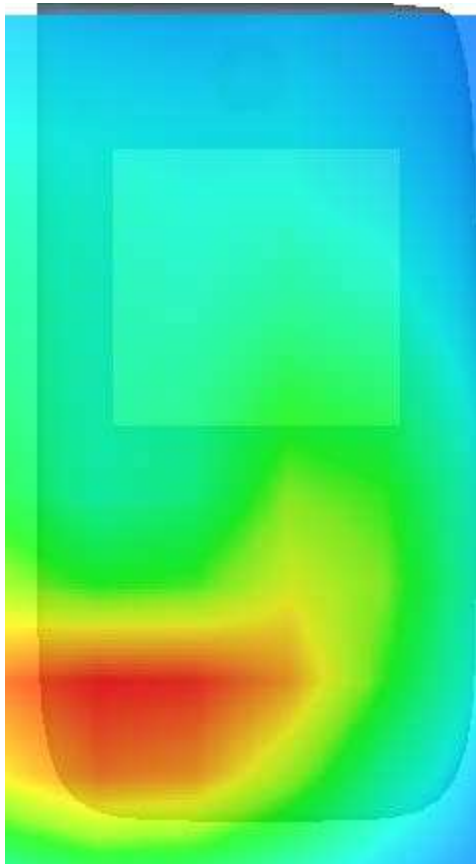
**SAR Peak: 0.43 W/kg**

<b>SAR 10g (W/Kg)</b>	0.091806
<b>SAR1g (W/Kg)</b>	0.225362



<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 65

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

### **G. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>4-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

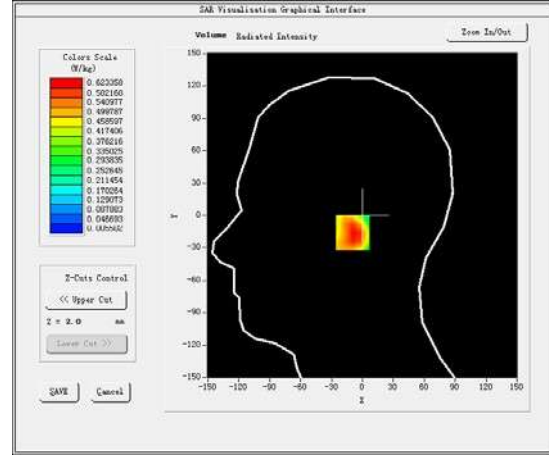
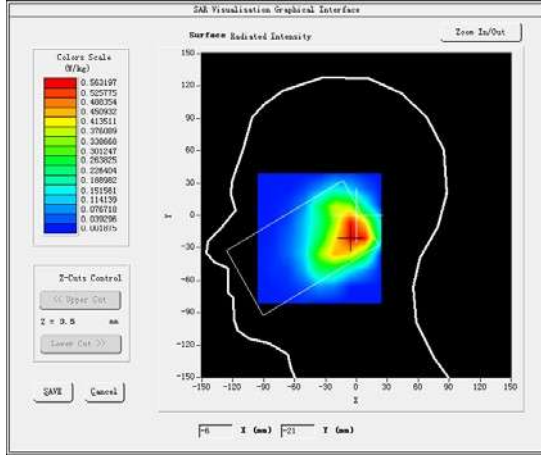
### **H. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-2.990000

### SURFACE SAR

### VOLUME SAR

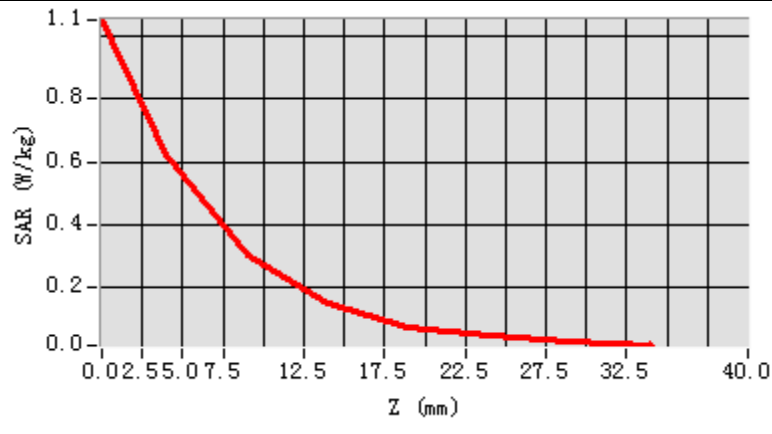


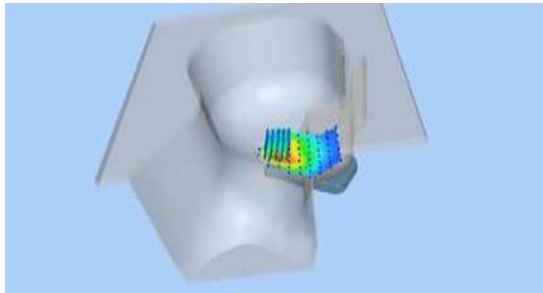
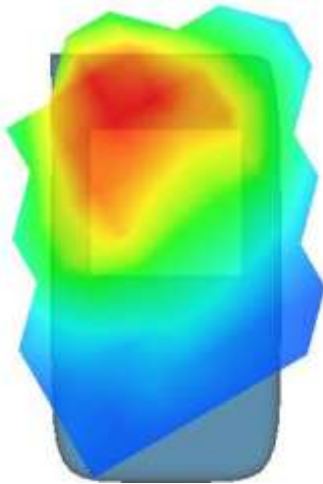
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.37 W/kg**

<b>SAR 10g (W/Kg)</b>	0.073308
<b>SAR1g (W/Kg)</b>	0.208624

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 66

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

### **E. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>4-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

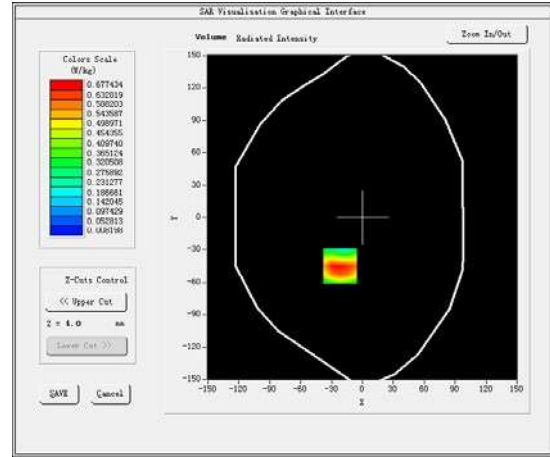
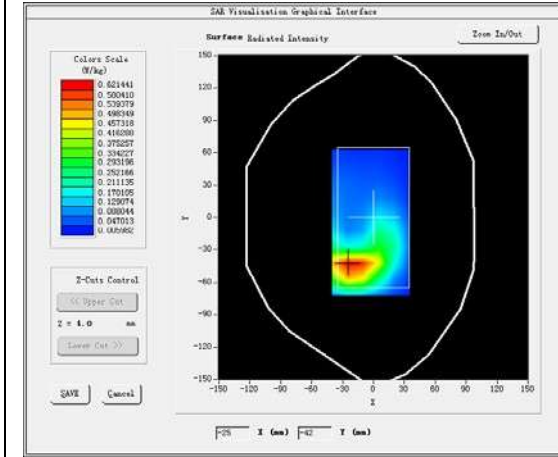
### **F. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	0.210000

### SURFACE SAR

### VOLUME SAR

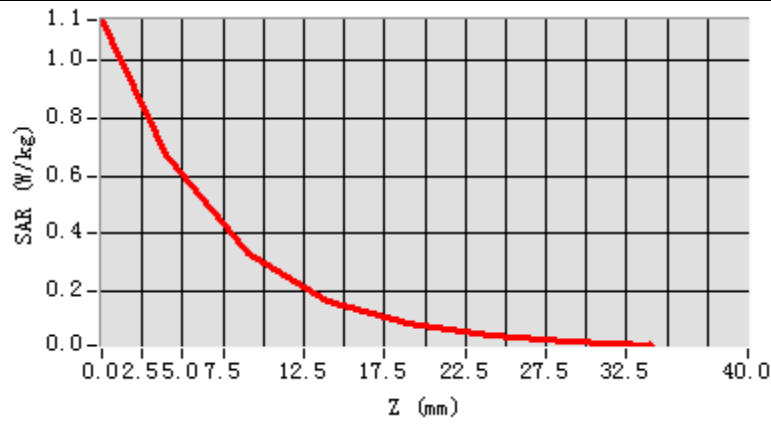


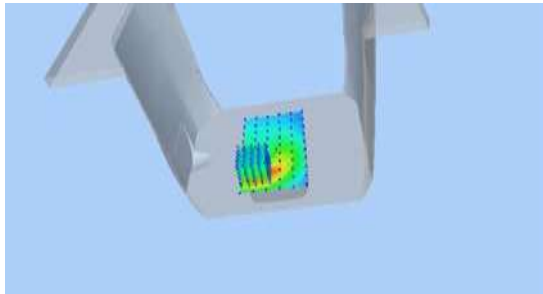
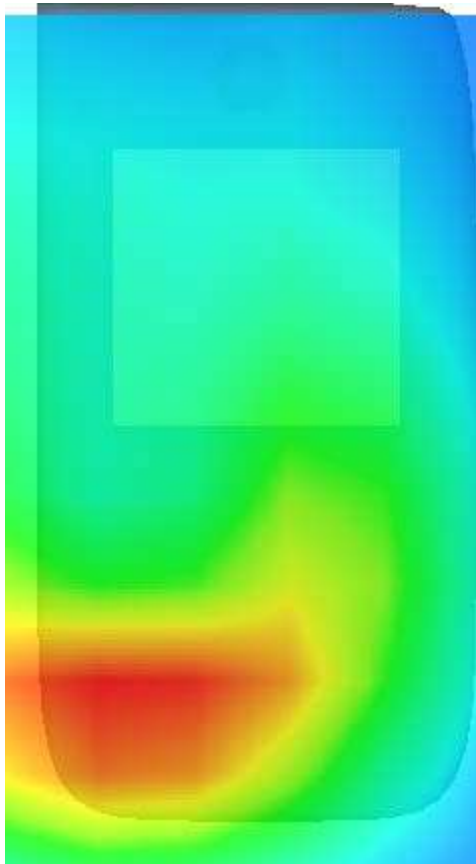
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.30 W/kg**

<b>SAR 10g (W/Kg)</b>	0.067510
<b>SAR1g (W/Kg)</b>	0.158497

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 67

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>4-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

### **B. SAR MeasurementResults**

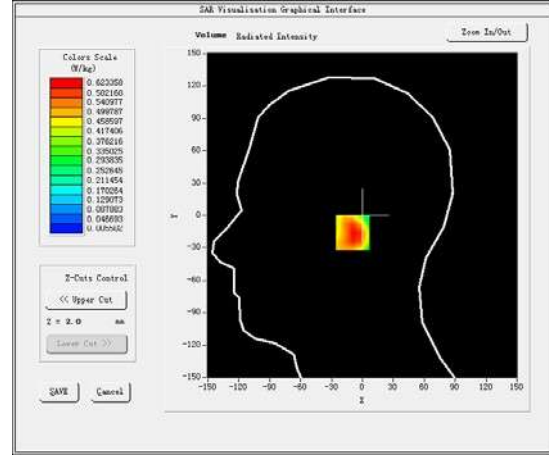
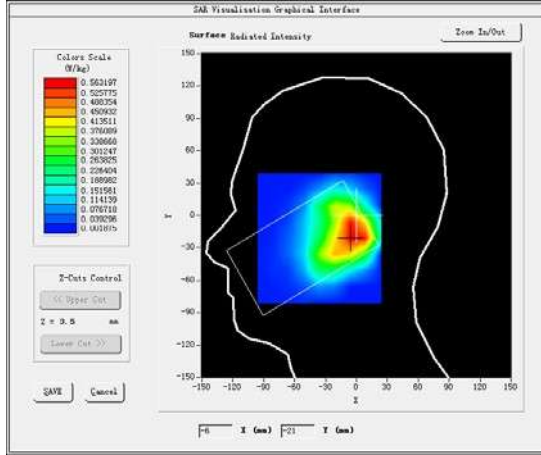
Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	2.490000



### SURFACE SAR

### VOLUME SAR

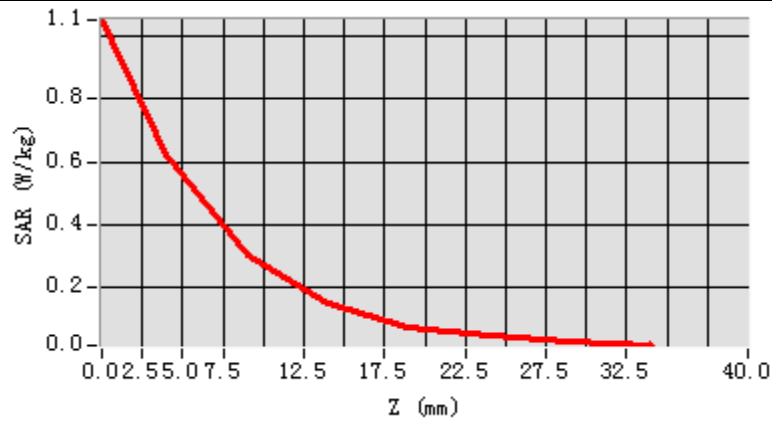


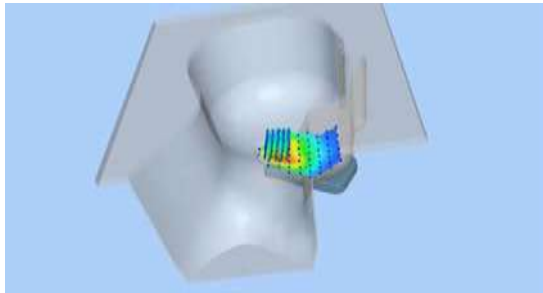
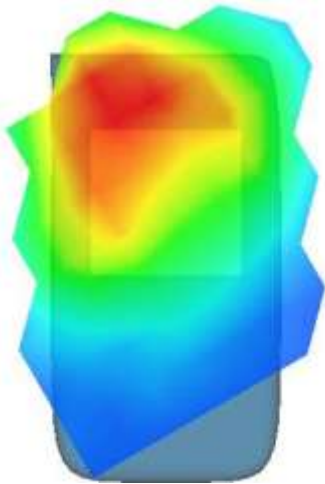
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.49 W/kg**

<b>SAR 10g (W/Kg)</b>	0.102392
<b>SAR1g (W/Kg)</b>	0.270511

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 68

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>4-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

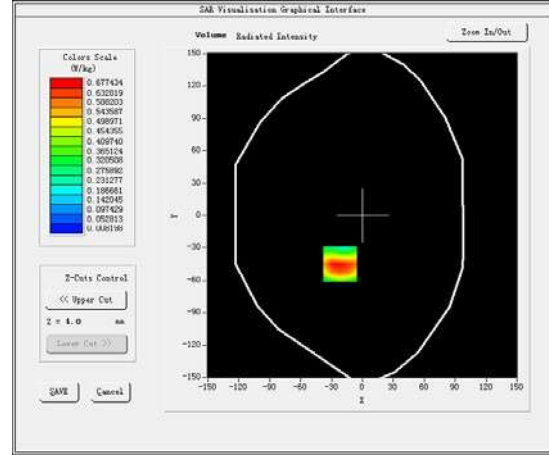
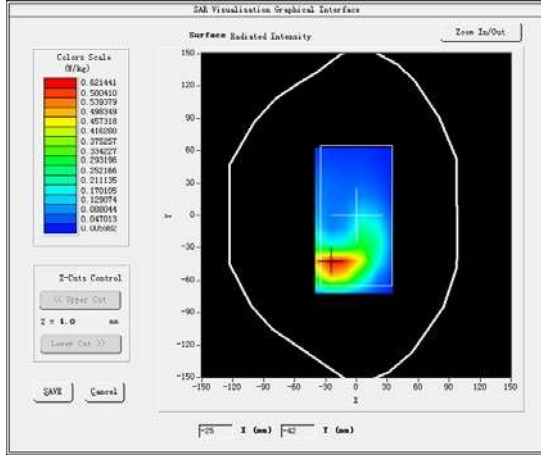
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20175):

<b>Frequency (MHz)</b>	1732.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	2.920000

### SURFACE SAR

### VOLUME SAR

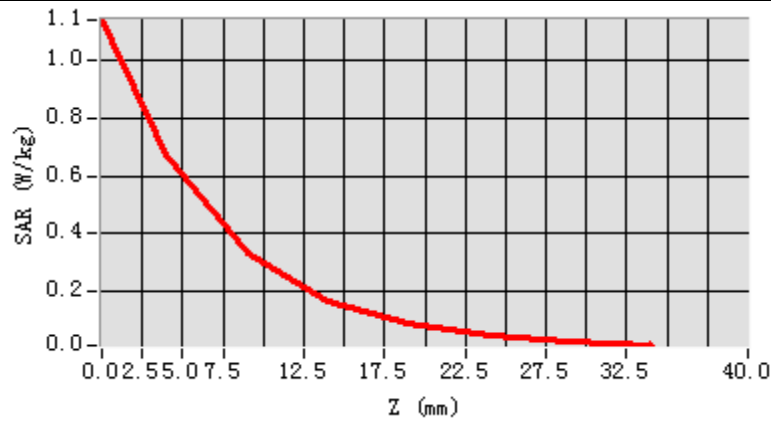


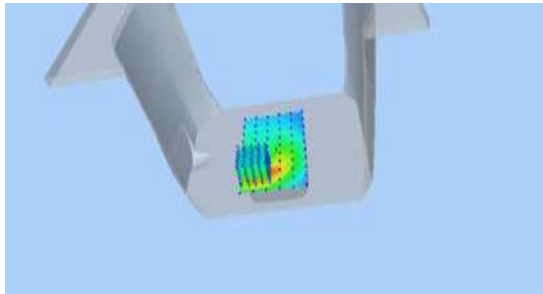
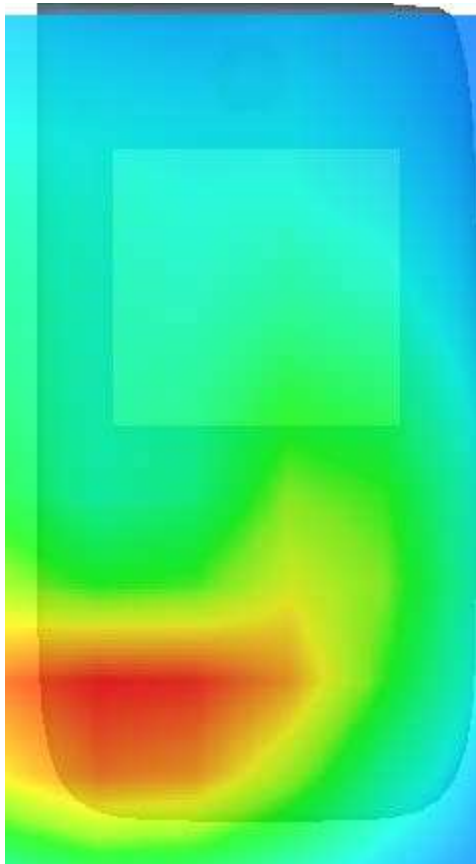
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.28 W/kg**

<b>SAR 10g (W/Kg)</b>	0.052907
<b>SAR1g (W/Kg)</b>	0.117835

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 69

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>5-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

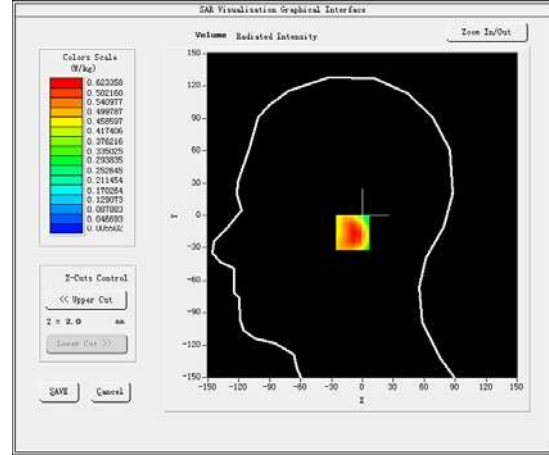
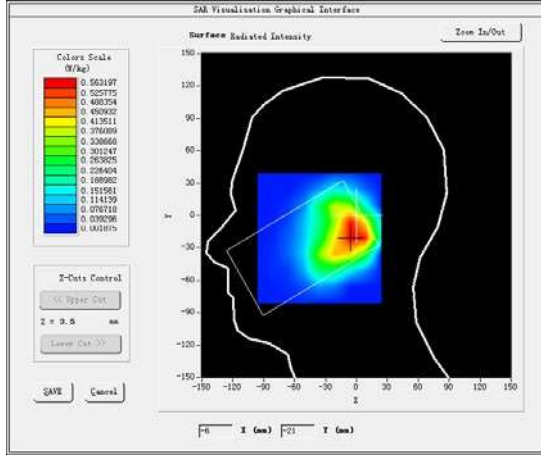
### **D. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	4.630000

### SURFACE SAR

### VOLUME SAR

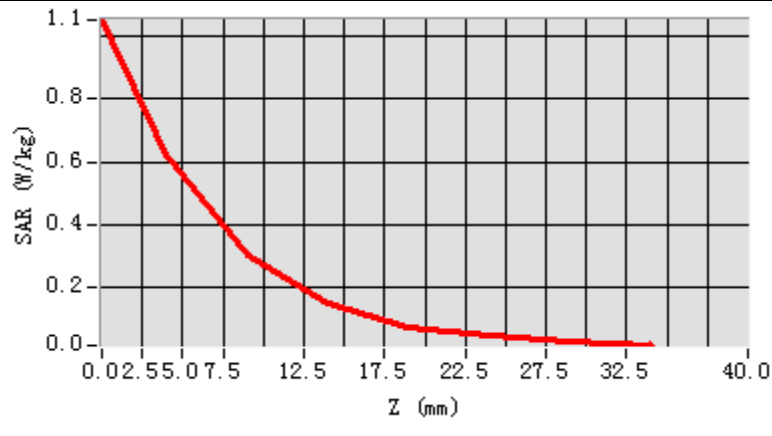


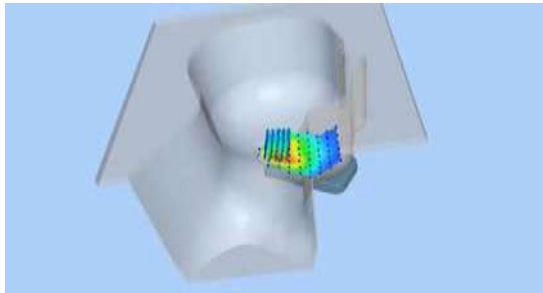
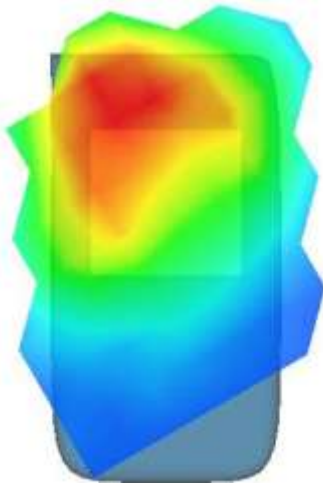
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.33 W/kg**

<b>SAR 10g (W/Kg)</b>	0.088305
<b>SAR1g (W/Kg)</b>	0.205920

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 70

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 53 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>5-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

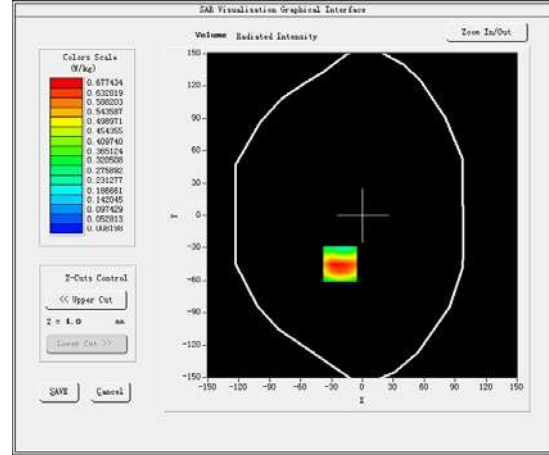
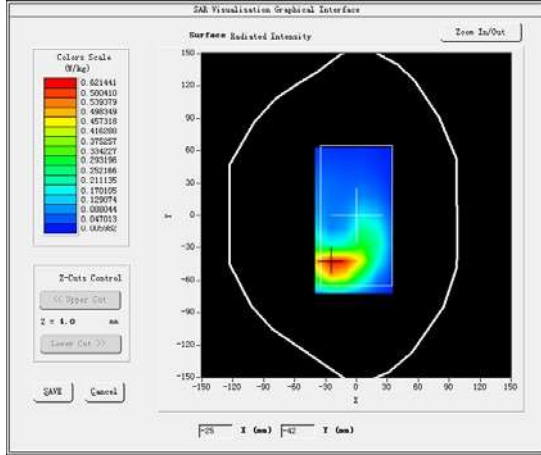
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-0.710000

### SURFACE SAR

### VOLUME SAR

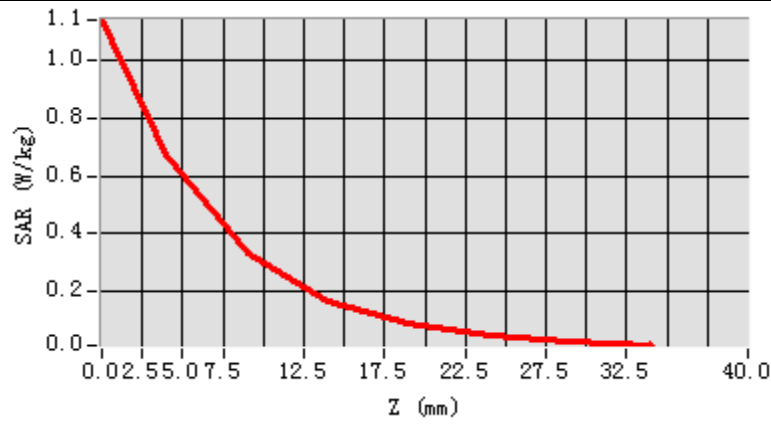


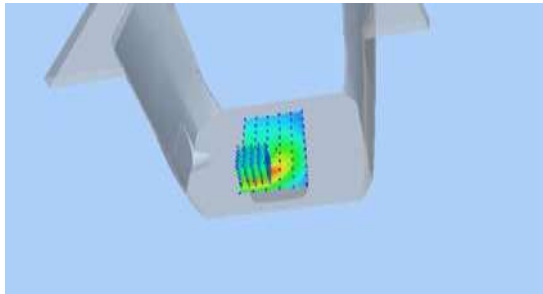
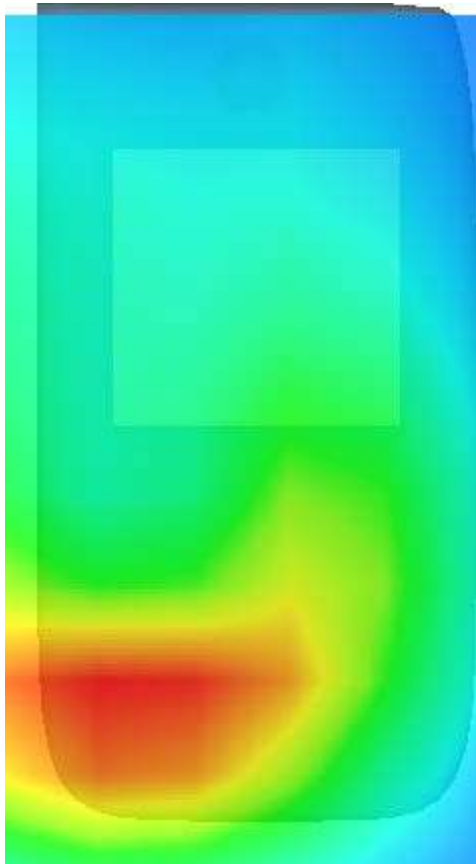
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.09 W/kg**

<b>SAR 10g (W/Kg)</b>	0.020632
<b>SAR1g (W/Kg)</b>	0.055794

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

## MEASUREMENT 71

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>5-N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

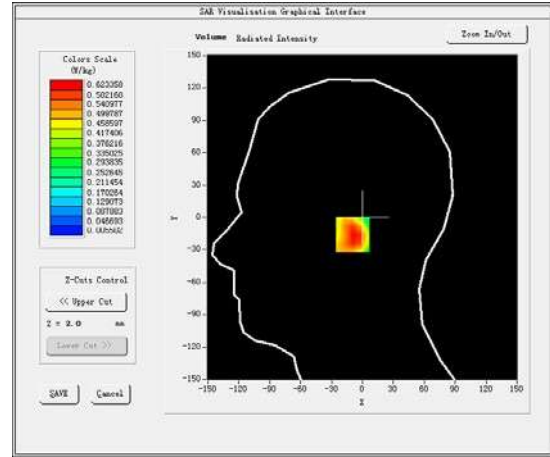
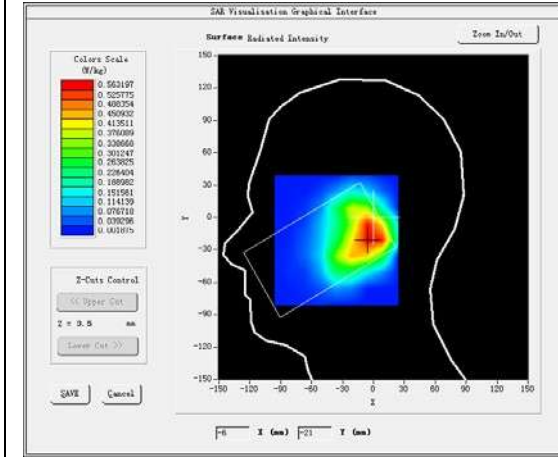
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-2.810000

### SURFACE SAR

### VOLUME SAR

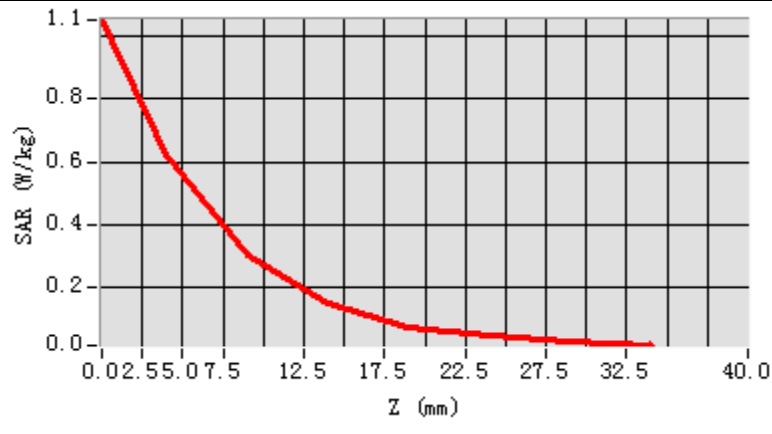


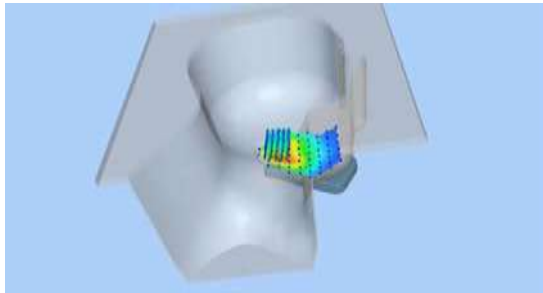
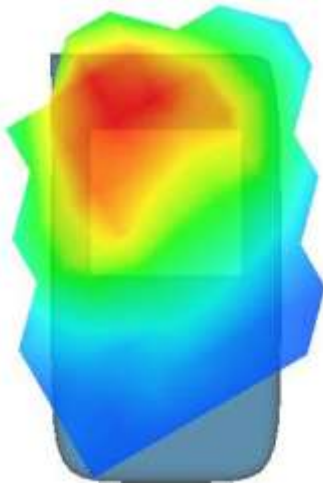
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.37 W/kg**

<b>SAR 10g (W/Kg)</b>	0.079150
<b>SAR1g (W/Kg)</b>	0.187532

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 72

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>5-N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

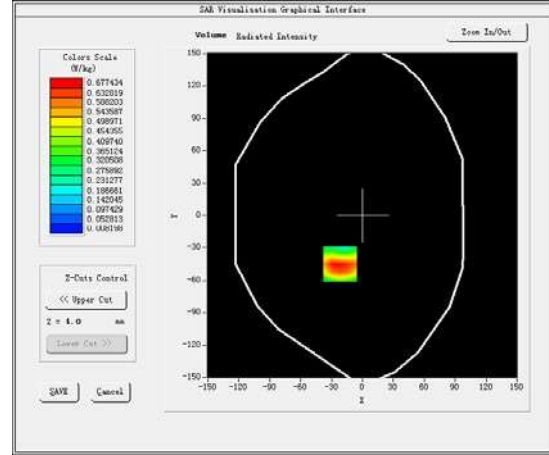
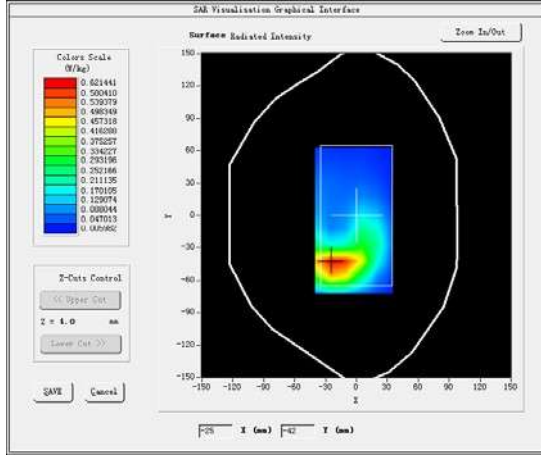
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	1.370000

### SURFACE SAR

### VOLUME SAR



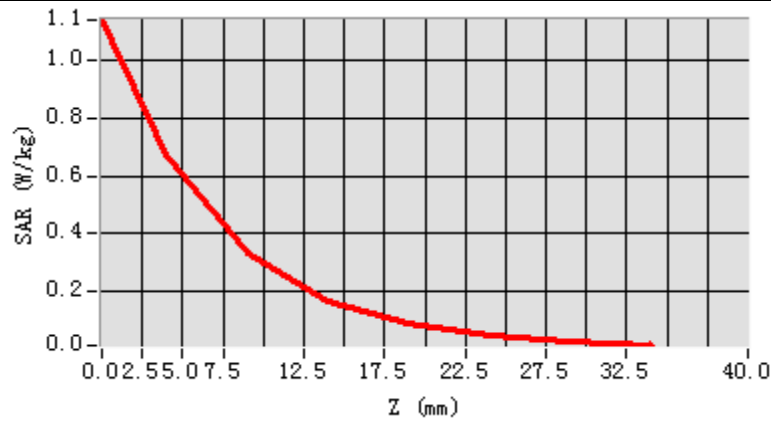
**Maximum location: X=-22.00, Y=-45.00**

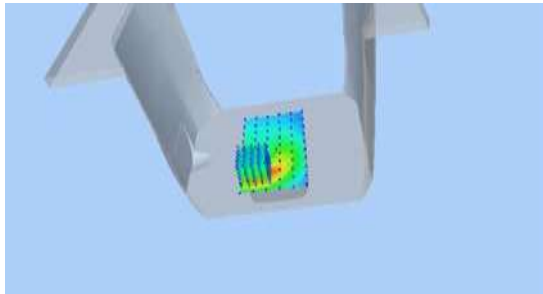
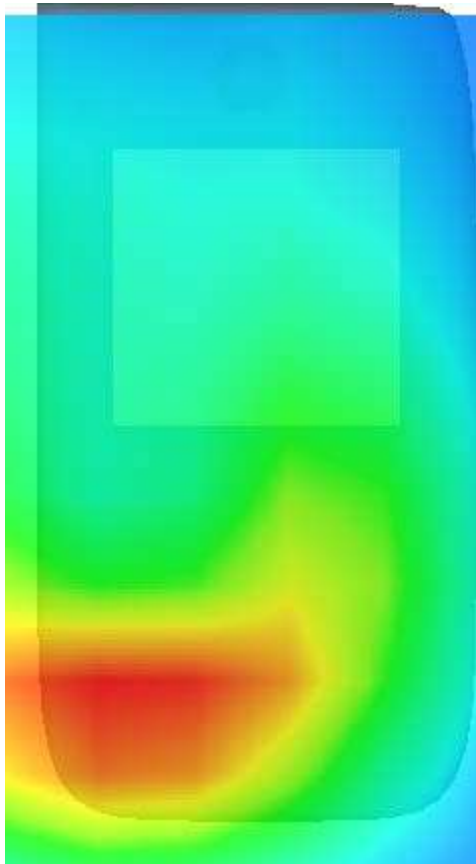
**SAR Peak: 0.13 W/kg**

<b>SAR 10g (W/Kg)</b>	0.023815
<b>SAR1g (W/Kg)</b>	0.064290



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

## MEASUREMENT 73

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 7 minutes 52 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm</u> <u>dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>5-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

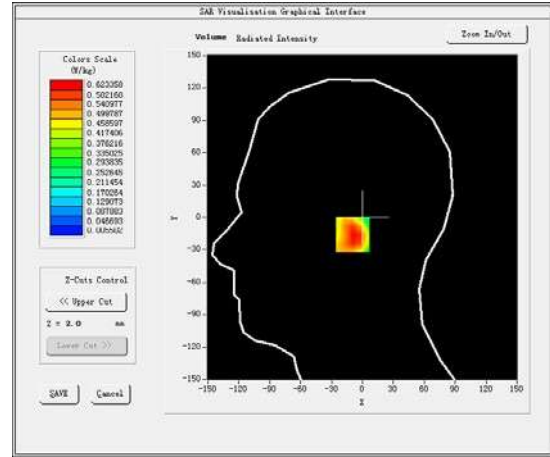
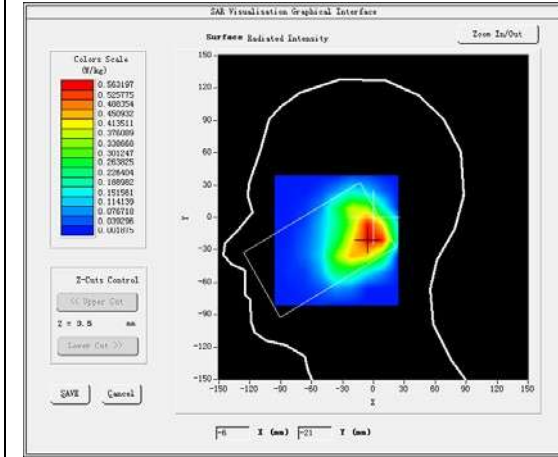
### **D. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-3.990000

### SURFACE SAR

### VOLUME SAR

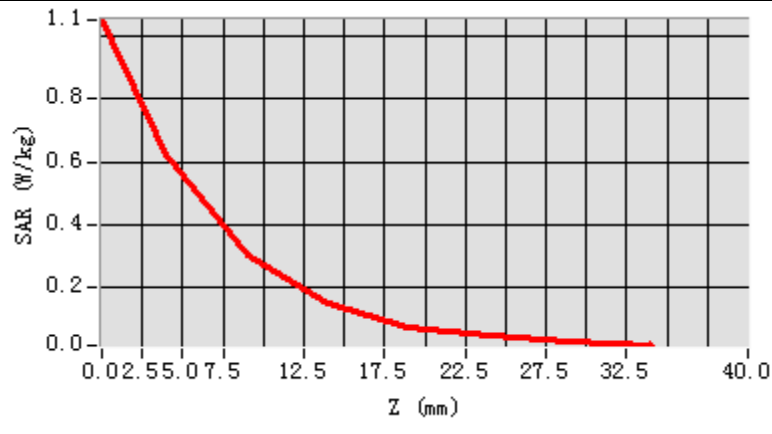


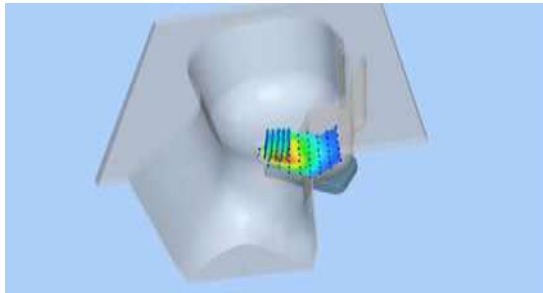
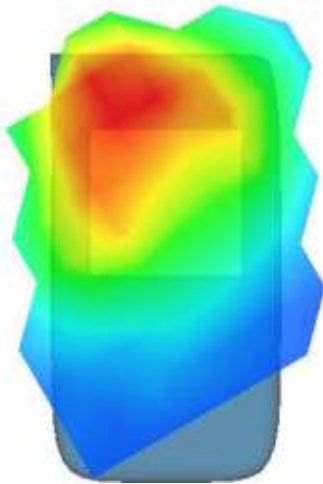
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.25 W/kg**

<b>SAR 10g (W/Kg)</b>	0.058901
<b>SAR1g (W/Kg)</b>	0.139462

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 74

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 53 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>5-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

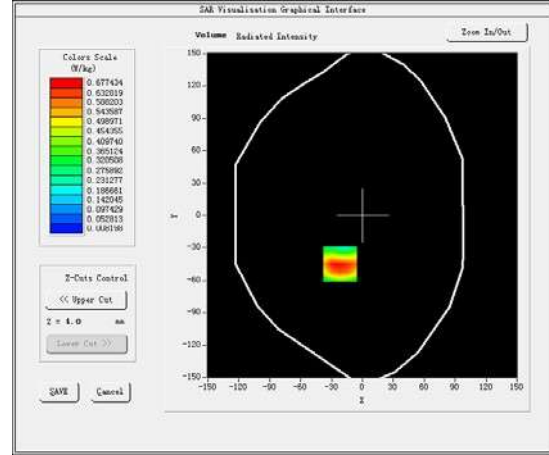
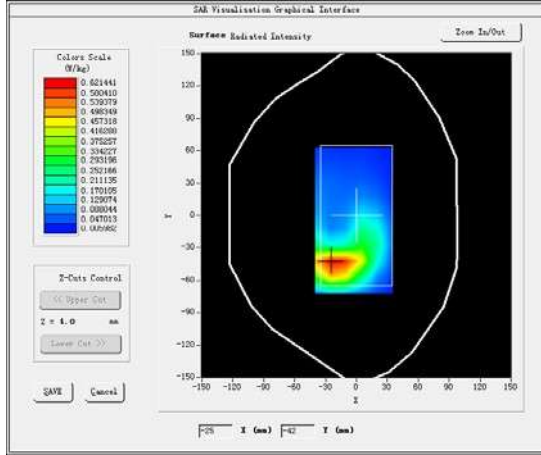
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	0.840000

### SURFACE SAR

### VOLUME SAR

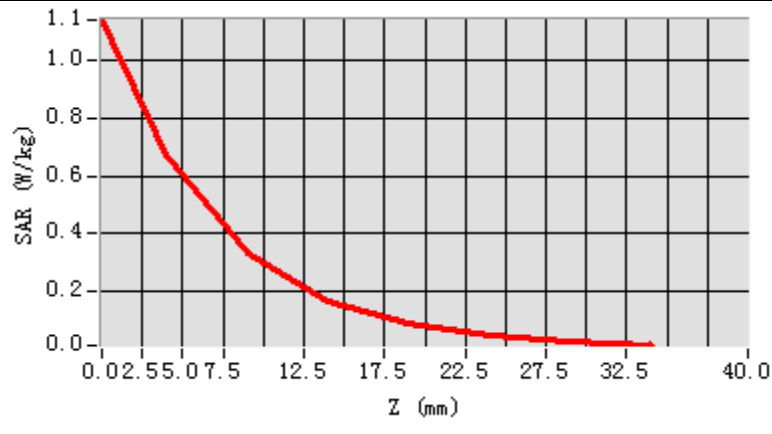


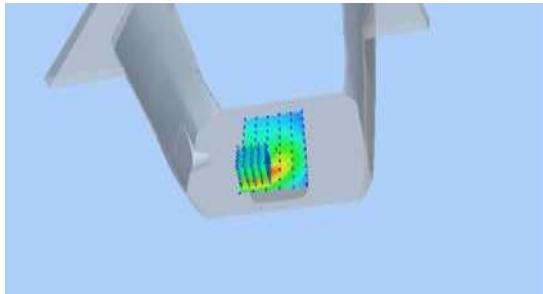
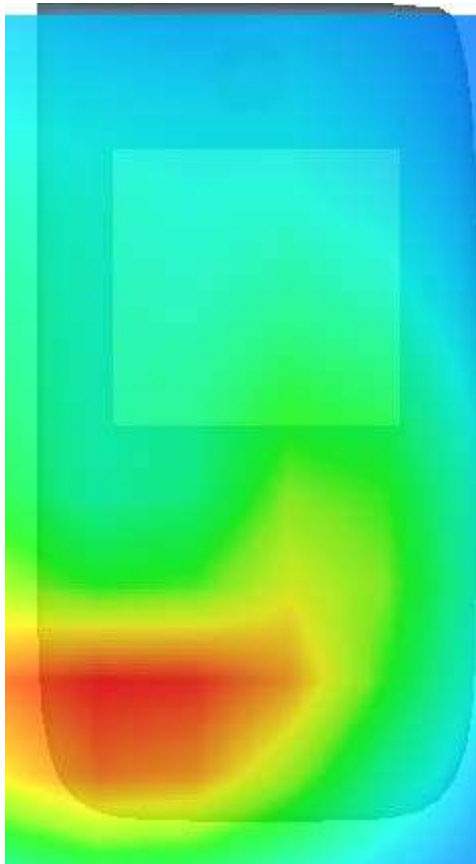
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.08 W/kg**

<b>SAR 10g (W/Kg)</b>	0.013967
<b>SAR1g (W/Kg)</b>	0.037105

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

## MEASUREMENT 75

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

### **E. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>5-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

### **F. SAR Measurement Results**

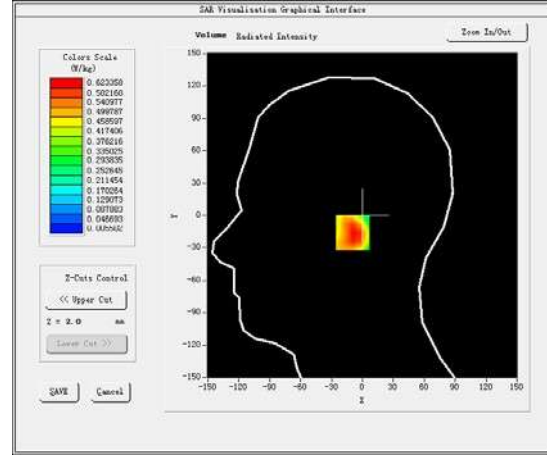
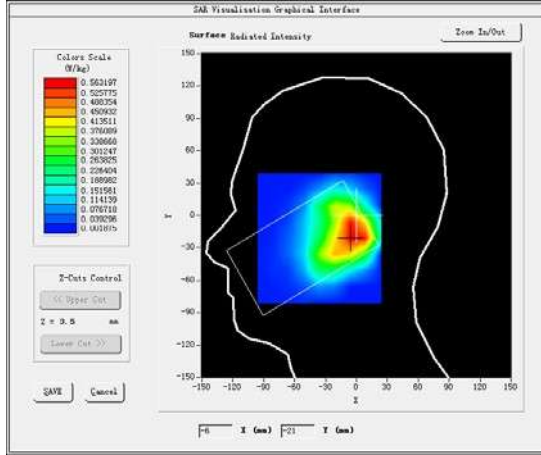
Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	1.960000



### SURFACE SAR

### VOLUME SAR

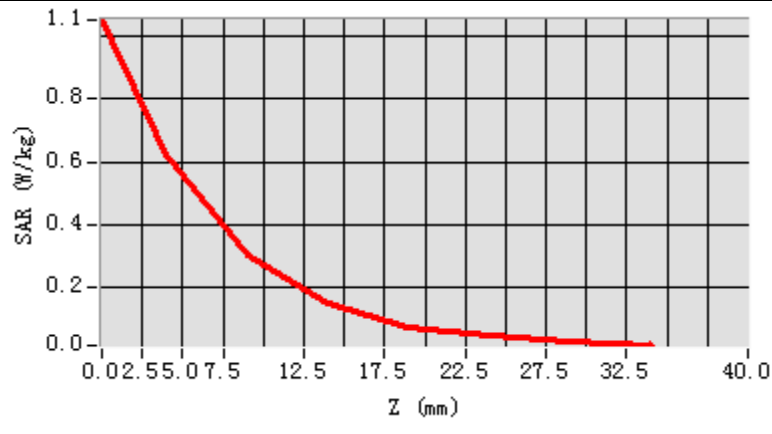


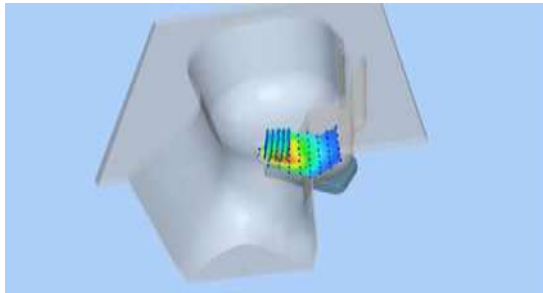
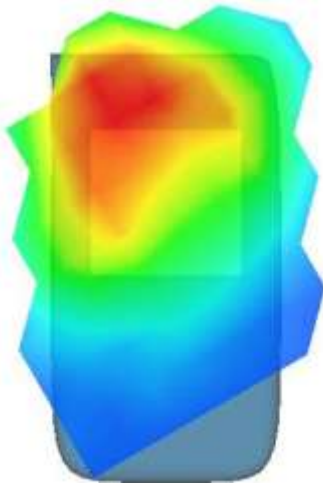
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.42 W/kg**

<b>SAR 10g (W/Kg)</b>	0.124630
<b>SAR1g (W/Kg)</b>	0.289037

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 76

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

### **E. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>5-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

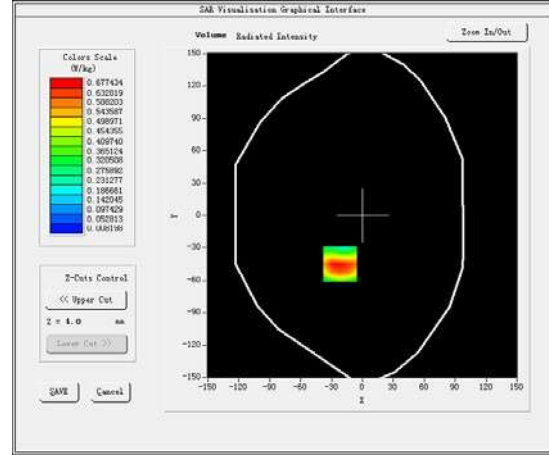
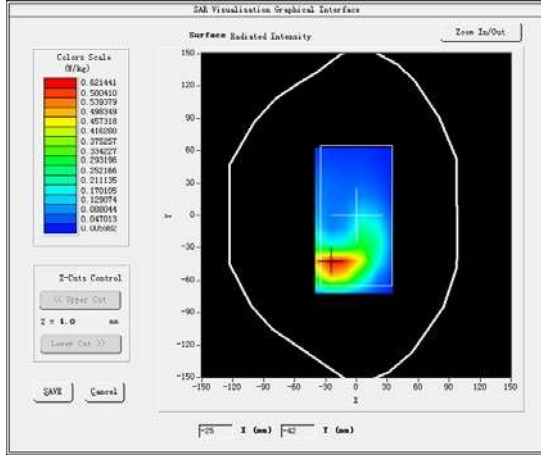
### **F. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	1950.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-3.430000

### SURFACE SAR

### VOLUME SAR

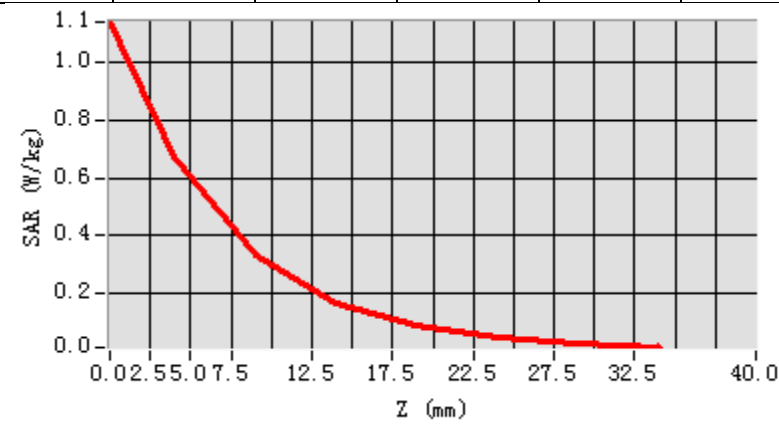


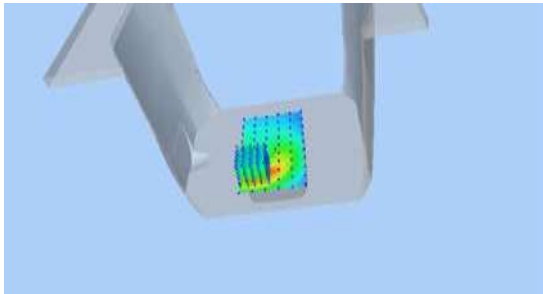
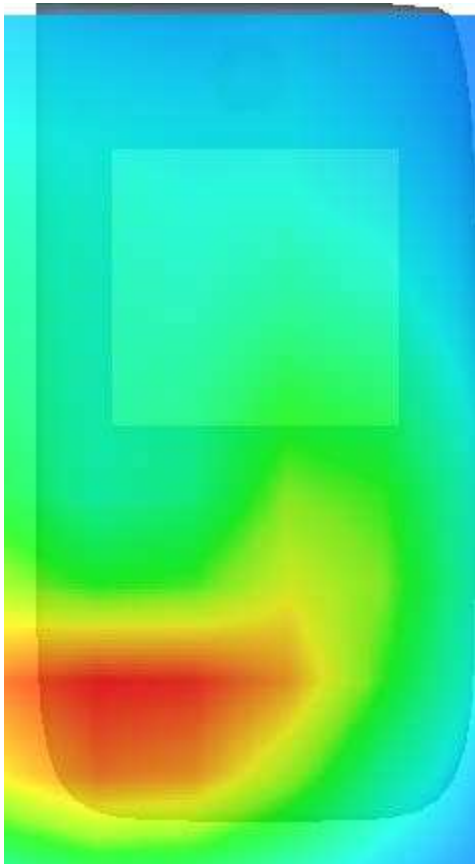
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.11 W/kg**

<b>SAR 10g (W/Kg)</b>	0.035749
<b>SAR1g (W/Kg)</b>	0.078202

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 77

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>5-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

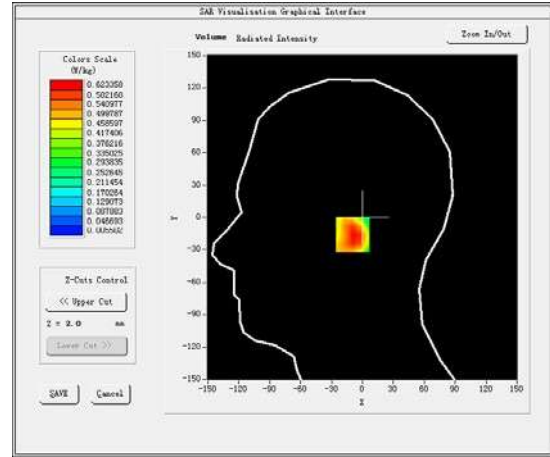
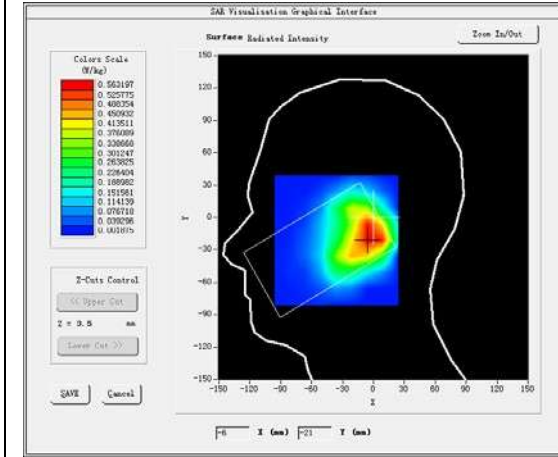
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-0.660000

### SURFACE SAR

### VOLUME SAR

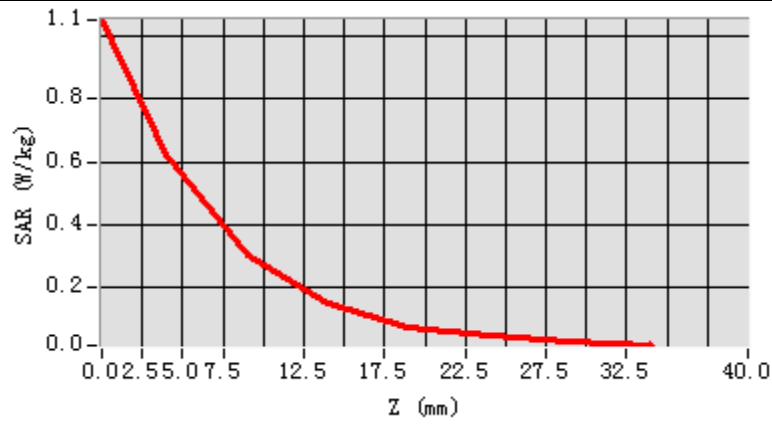


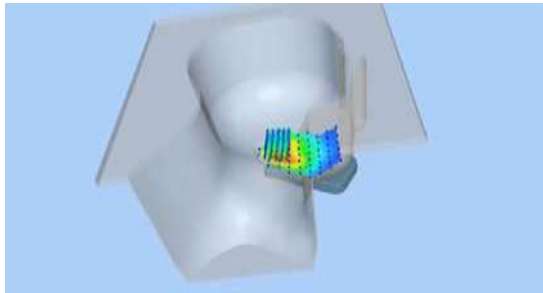
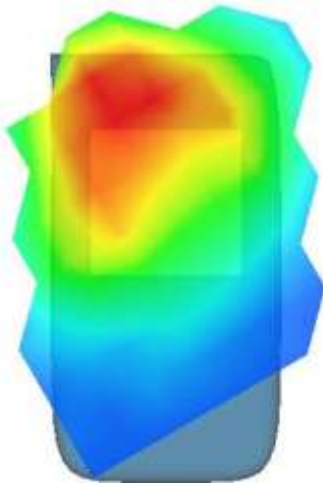
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.16 W/kg**

<b>SAR 10g (W/Kg)</b>	0.041835
<b>SAR1g (W/Kg)</b>	0.093052

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 78

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>5-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

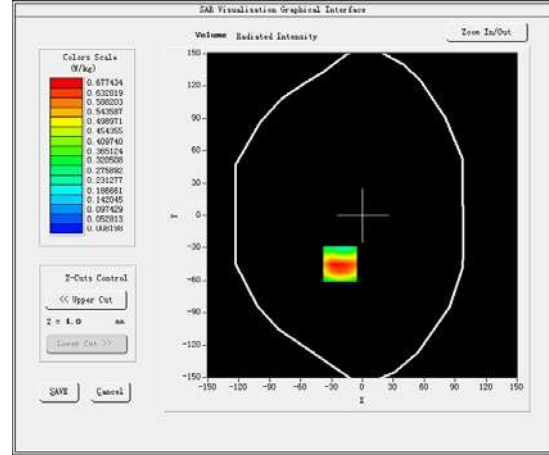
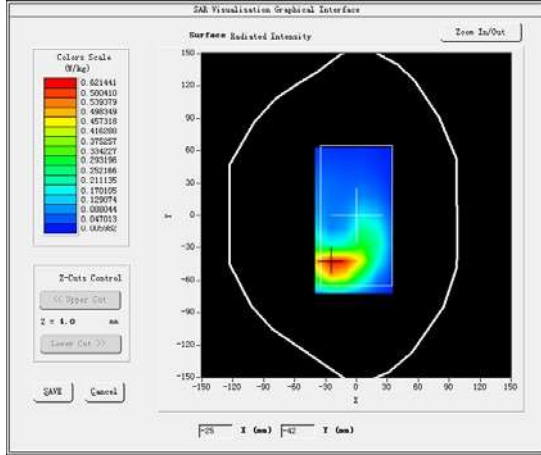
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 20535):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	0.980000

### SURFACE SAR

### VOLUME SAR

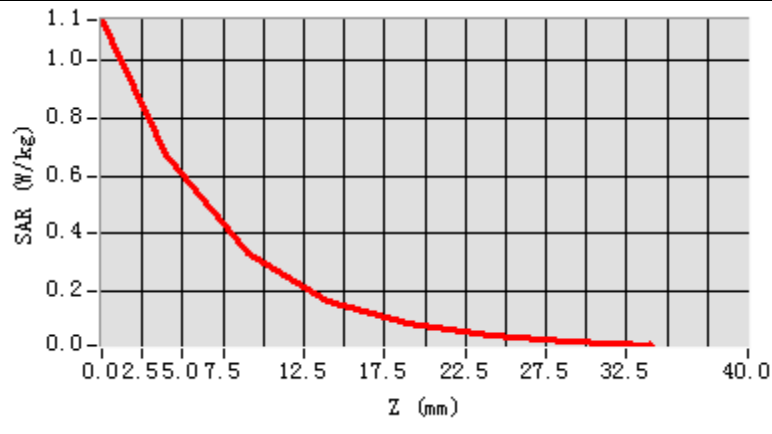


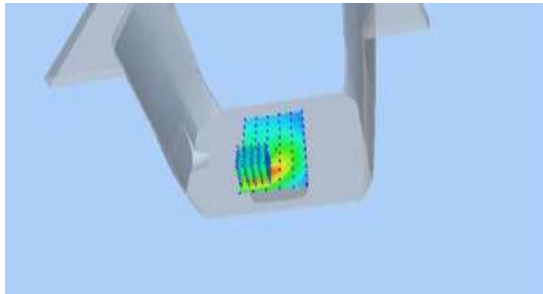
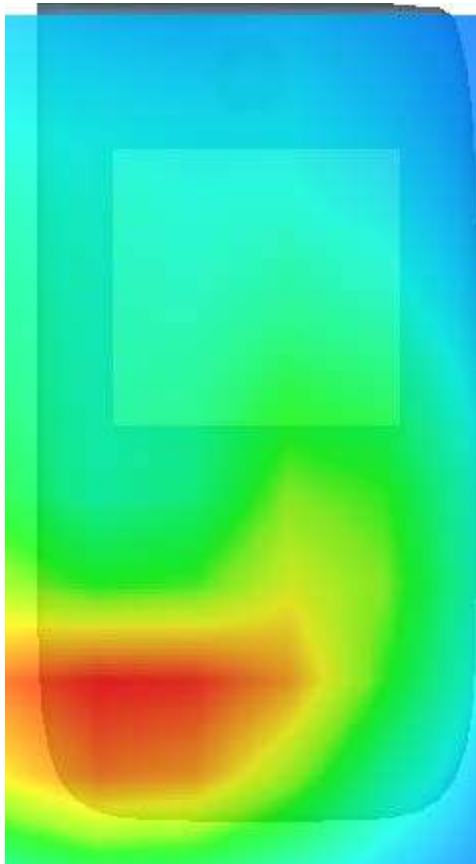
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.06 W/kg**

<b>SAR 10g (W/Kg)</b>	0.011503
<b>SAR1g (W/Kg)</b>	0.027149

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 79

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>5-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

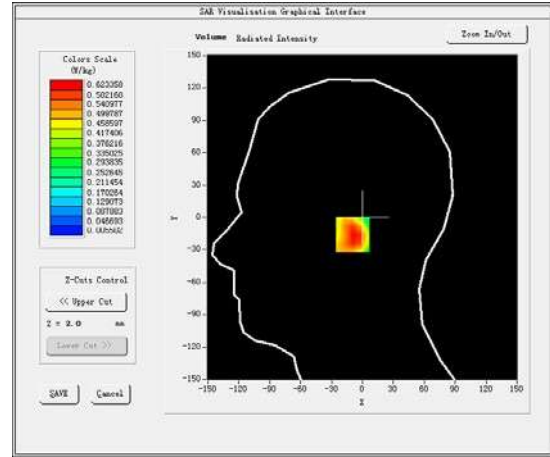
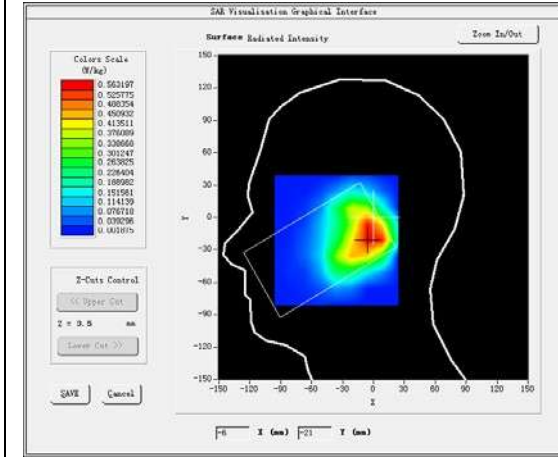
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	4.540000

### SURFACE SAR

### VOLUME SAR

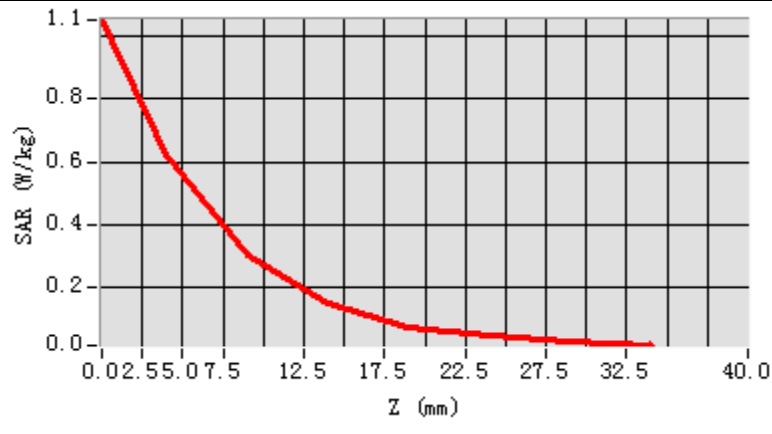


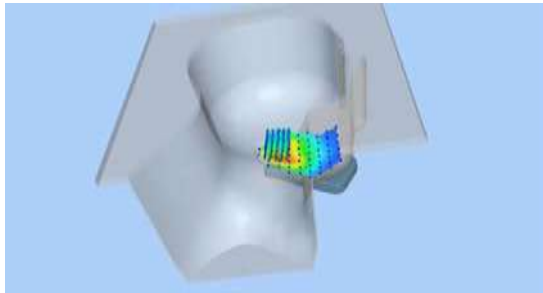
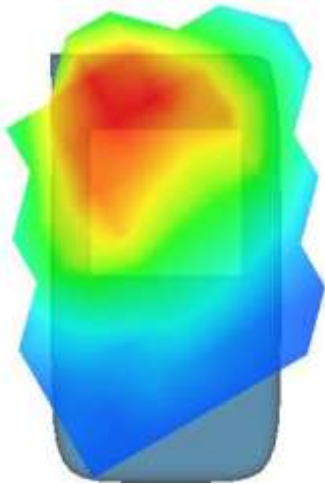
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.15 W/kg**

<b>SAR 10g (W/Kg)</b>	0.035508
<b>SAR1g (W/Kg)</b>	0.090301

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 80

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>5-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

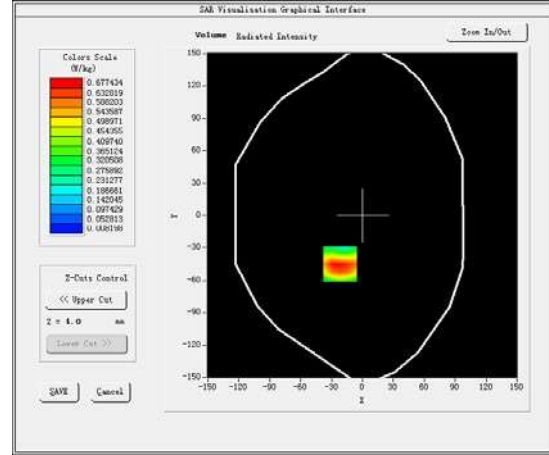
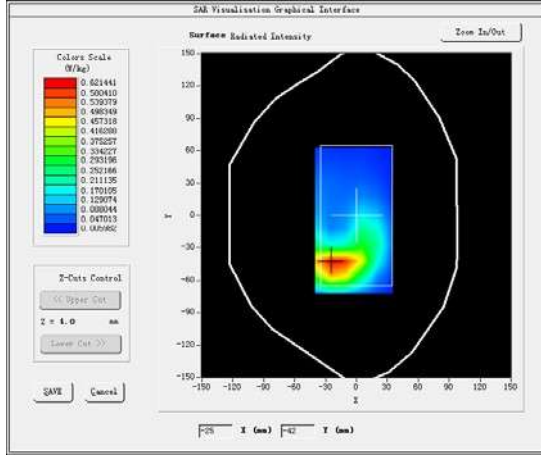
### **B. SAR Measurement Results**

Middle Band SAR (Channel 20525):

<b>Frequency (MHz)</b>	836.500000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	-1.290000

### SURFACE SAR

### VOLUME SAR



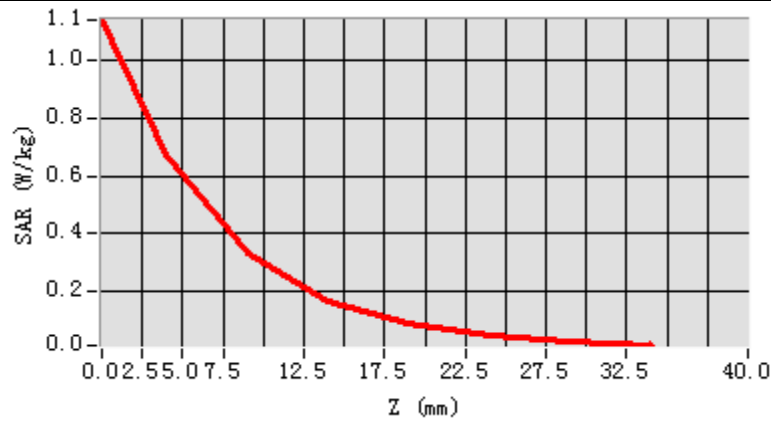
**Maximum location: X=-22.00, Y=-45.00**

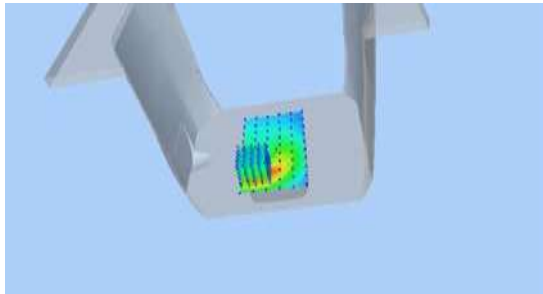
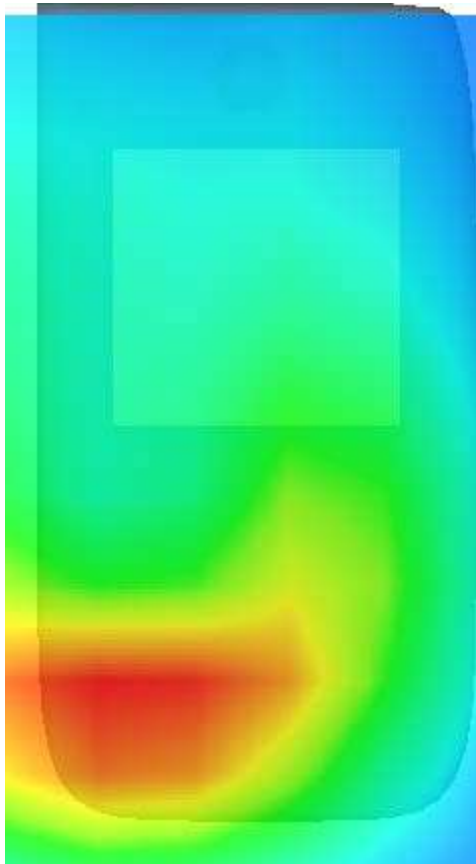
**SAR Peak: 0.06 W/kg**

<b>SAR 10g (W/Kg)</b>	0.006904
<b>SAR1g (W/Kg)</b>	0.020561



<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 81

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>7-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

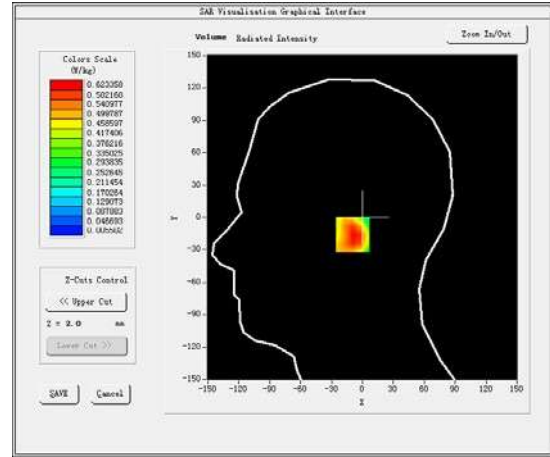
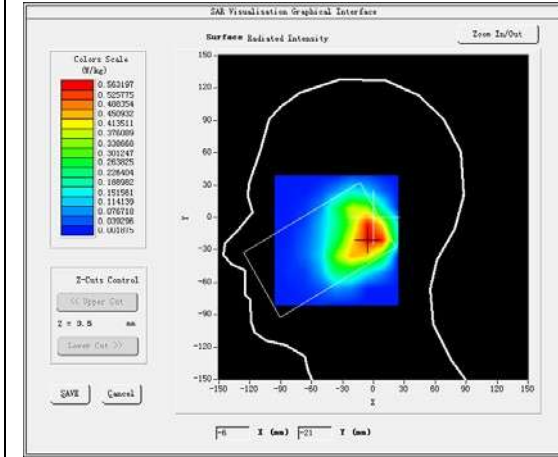
### **B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	0.520000

### SURFACE SAR

### VOLUME SAR

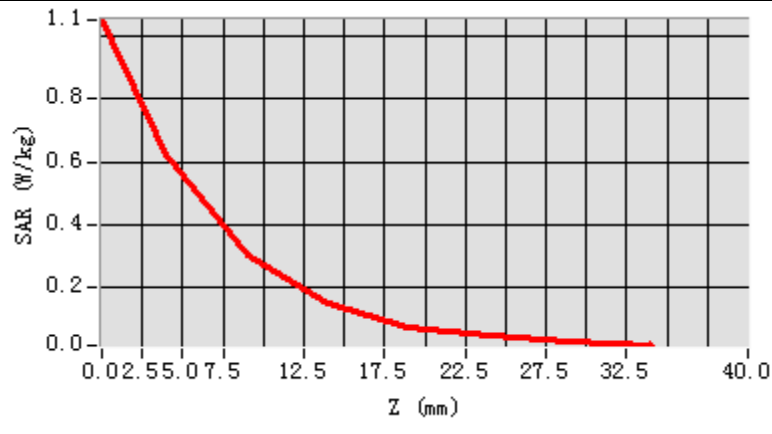


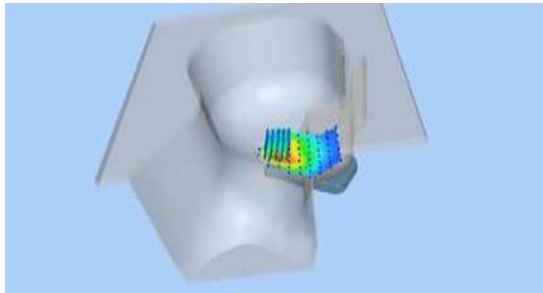
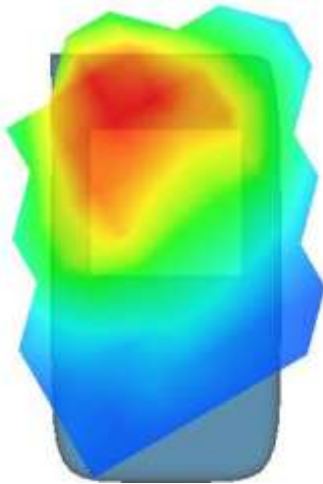
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.69 W/kg**

<b>SAR 10g (W/Kg)</b>	0.248506
<b>SAR1g (W/Kg)</b>	0.53710

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 82

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 53 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>7-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

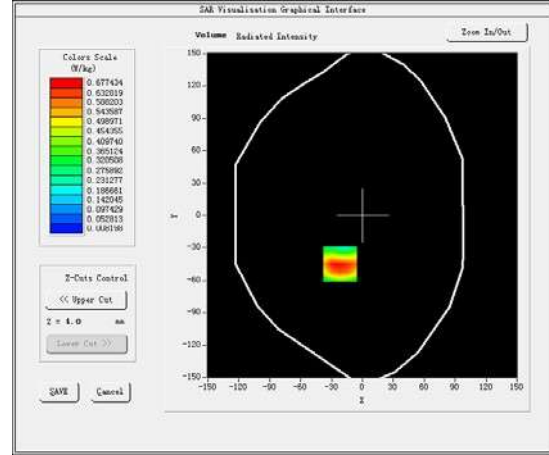
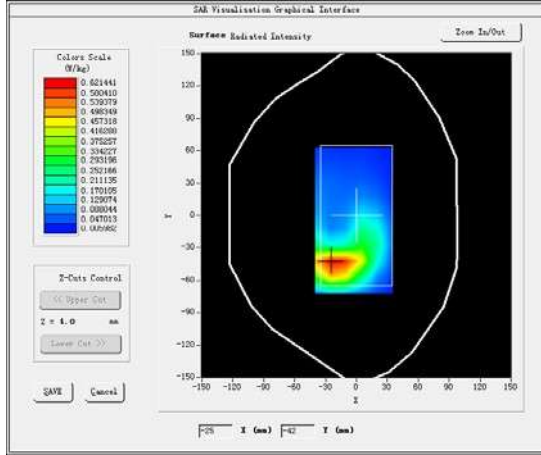
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	2.290000

### SURFACE SAR

### VOLUME SAR

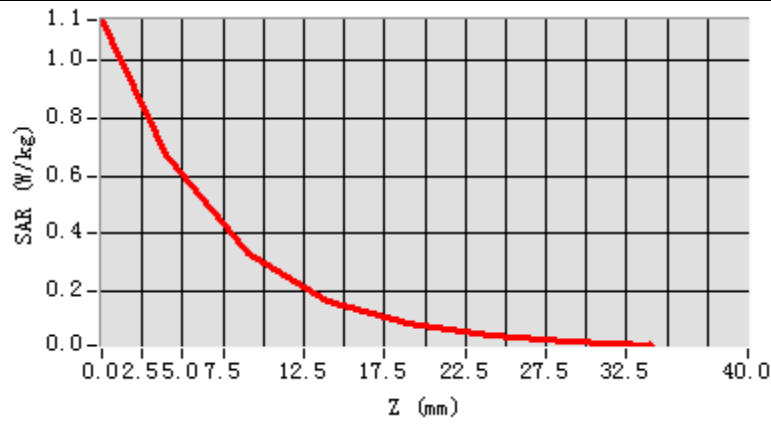


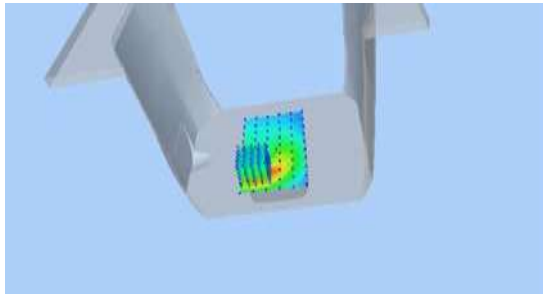
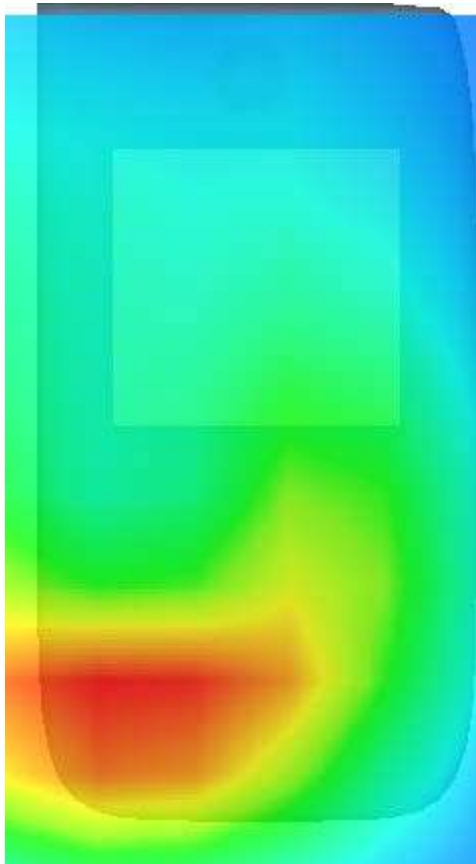
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.24 W/kg**

<b>SAR 10g (W/Kg)</b>	0.060913
<b>SAR1g (W/Kg)</b>	0.146052

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 83

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 7 minutes 52 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>7-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

### **B. SAR MeasurementResults**

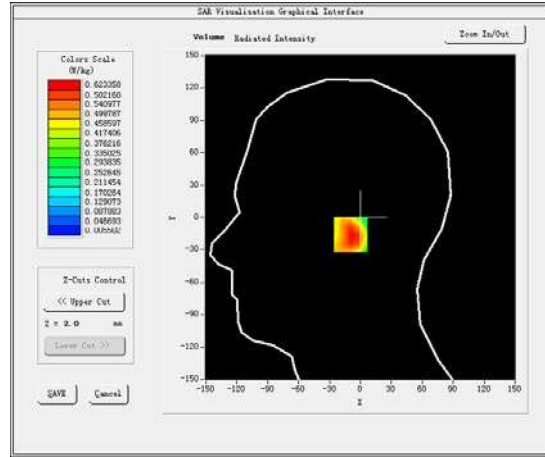
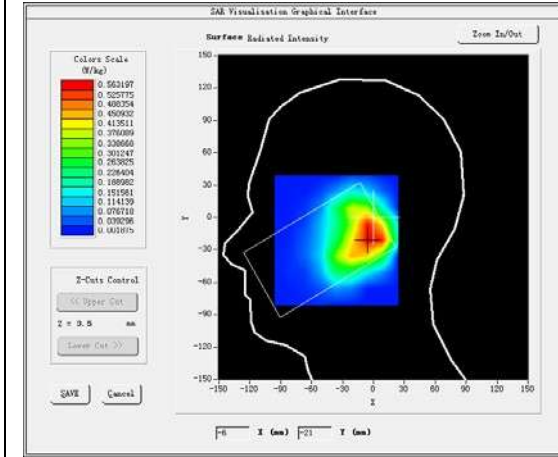
Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	0.520000



### SURFACE SAR

### VOLUME SAR

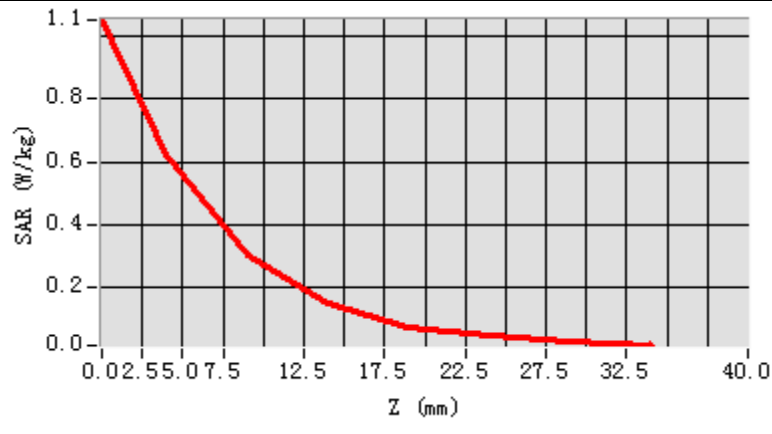


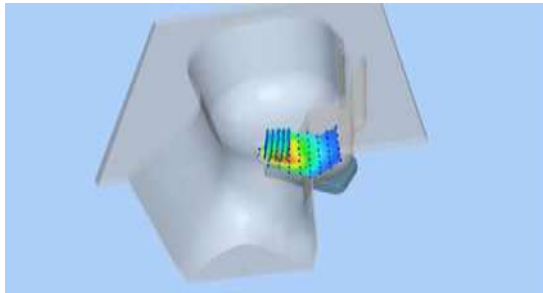
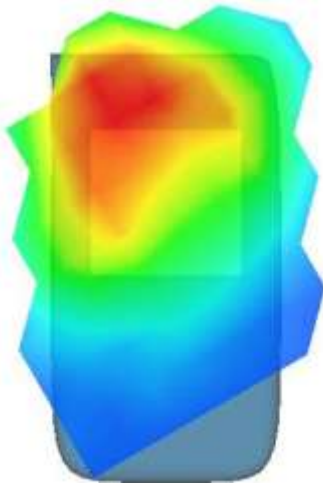
**Maximum location: X=-1.00, Y=-16.00**

**SAR Peak: 0.97 W/kg**

<b>SAR 10g (W/Kg)</b>	0.186220
<b>SAR1g (W/Kg)</b>	0.43947

<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>1.0525</b>	<b>0.6234</b>	<b>0.3059</b>	<b>0.1471</b>	<b>0.0750</b>	<b>0.0454</b>	<b>0.0254</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 84

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 53 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>7-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

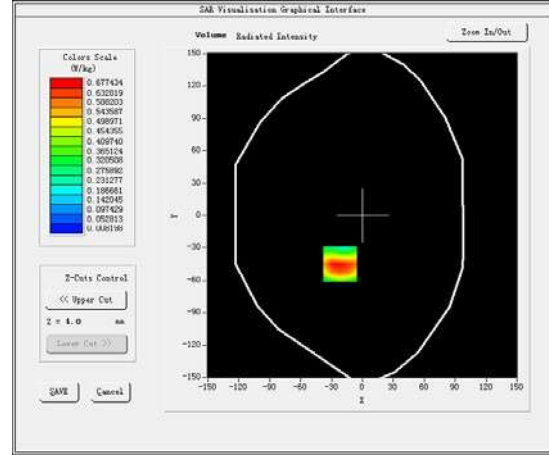
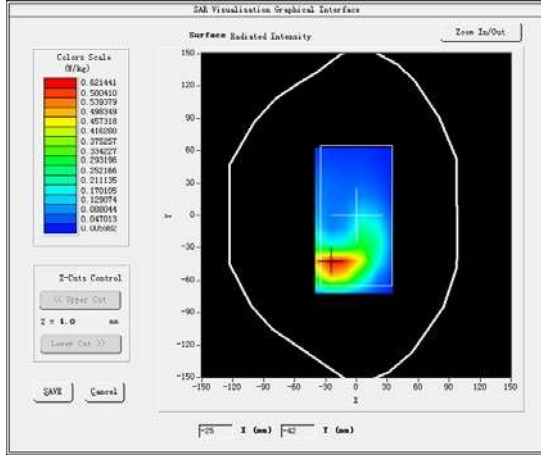
### **B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	39.029900
<b>Relative permittivity (imaginary part)</b>	12.379100
<b>Conductivity (S/m)</b>	1.341069
<b>Variation (%)</b>	2.970000

### SURFACE SAR

### VOLUME SAR

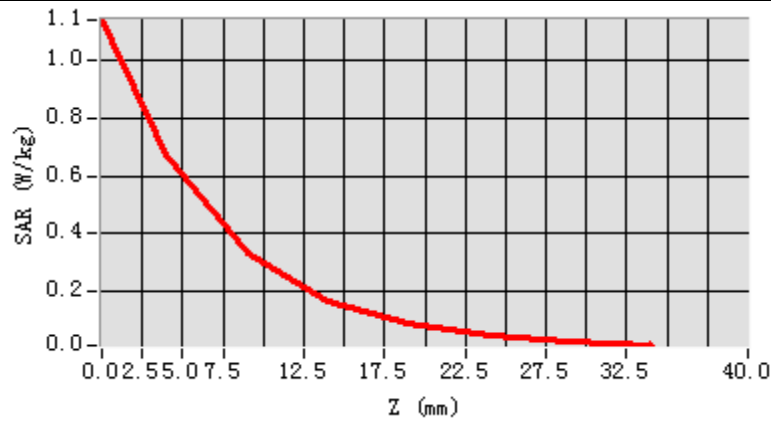


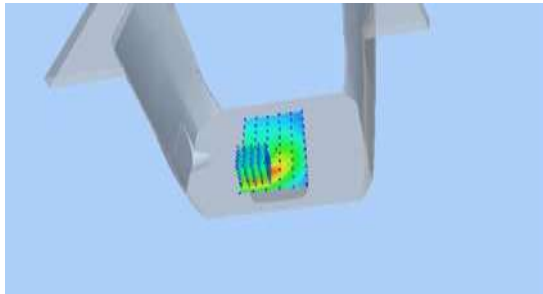
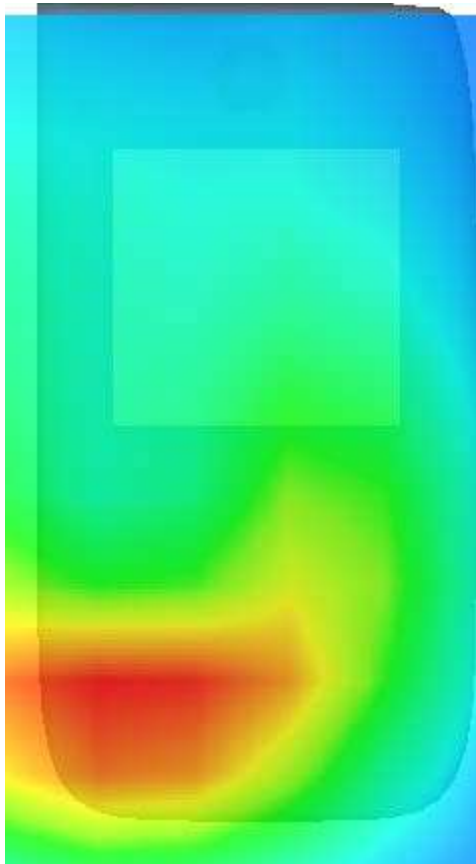
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.41 W/kg**

<b>SAR 10g (W/Kg)</b>	0.101583
<b>SAR1g (W/Kg)</b>	0.255034

<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>1.1403</b>	<b>0.6774</b>	<b>0.3349</b>	<b>0.1693</b>	<b>0.0868</b>	<b>0.0454</b>	<b>0.0244</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 85

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Righthead</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>7-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

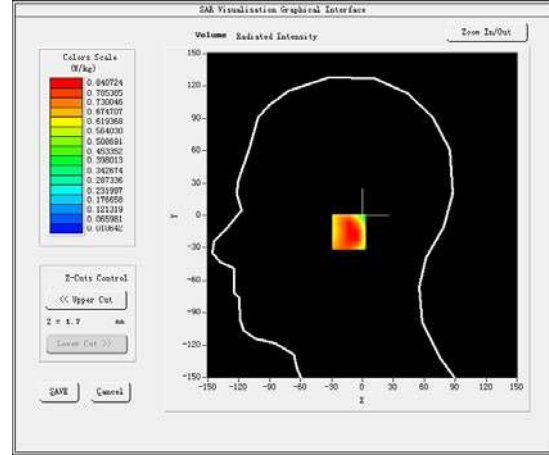
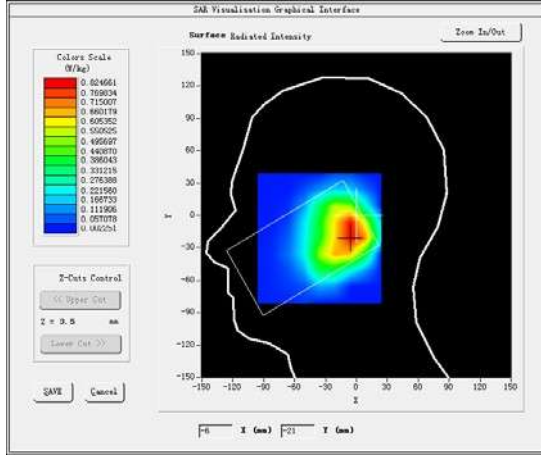
### **B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	4.700000

### SURFACE SAR

### VOLUME SAR

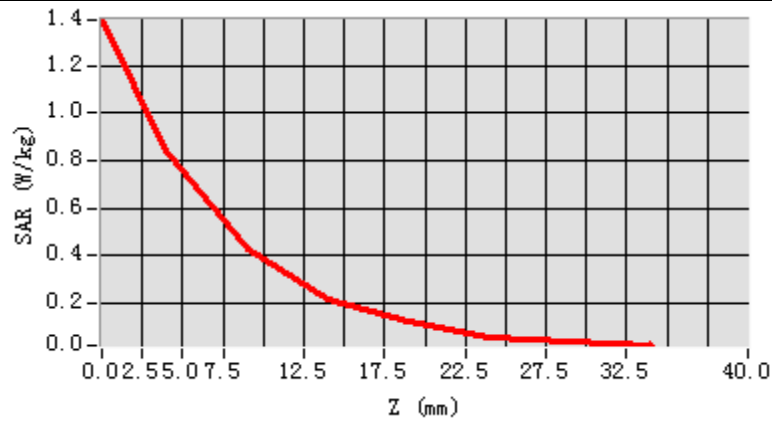


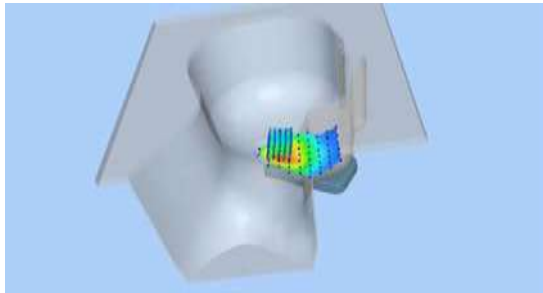
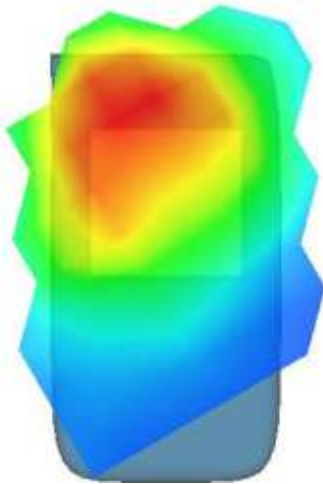
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.53 W/kg**

<b>SAR 10g (W/Kg)</b>	0.142593
<b>SAR1g (W/Kg)</b>	0.396028

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	



## MEASUREMENT 86

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>7-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

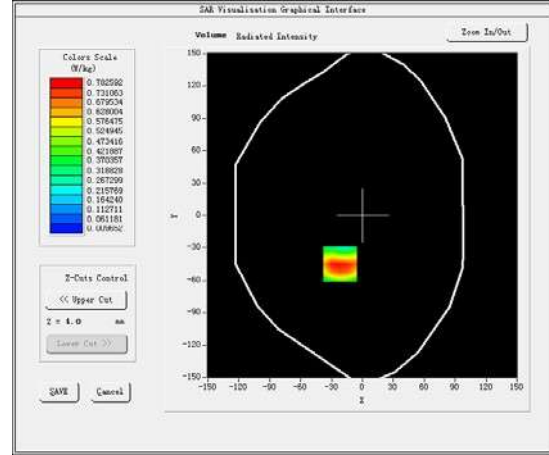
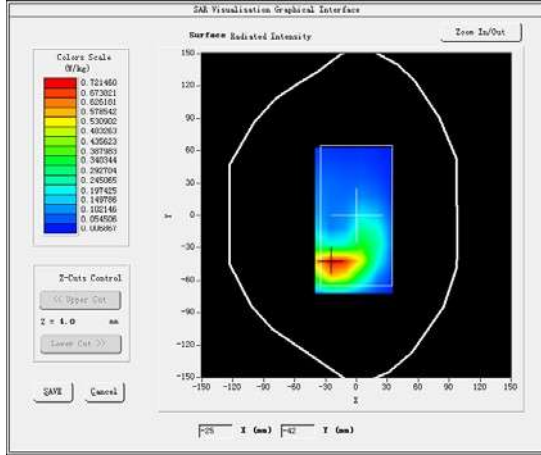
### **B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.500000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	4.040000

### SURFACE SAR

### VOLUME SAR

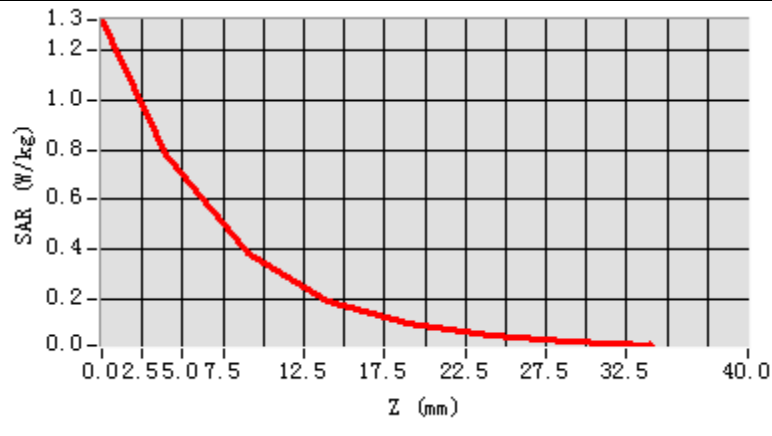


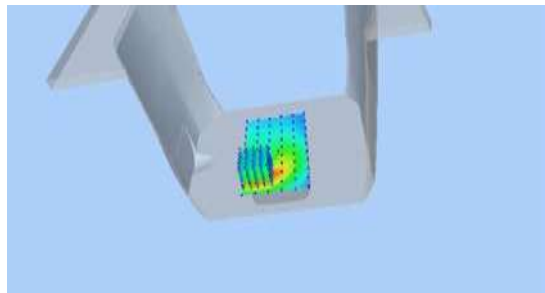
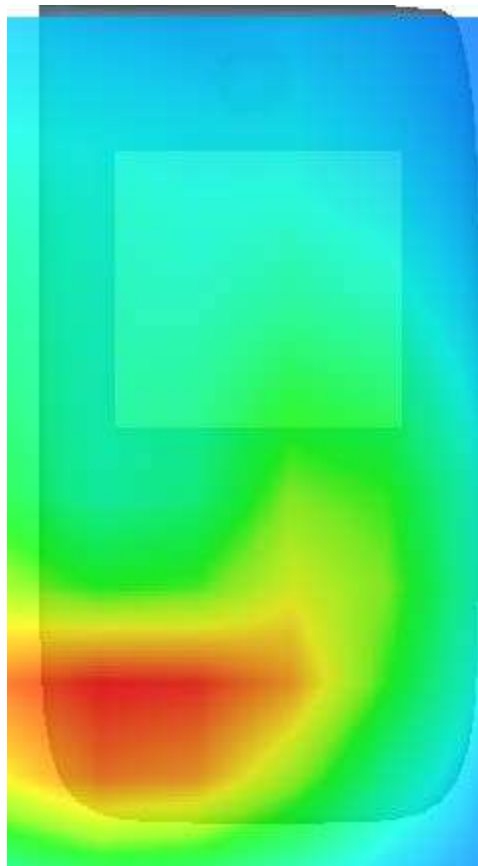
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.26 W/kg**

<b>SAR 10g (W/Kg)</b>	0.059664
<b>SAR1g (W/Kg)</b>	0.150291

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 87

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>7-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

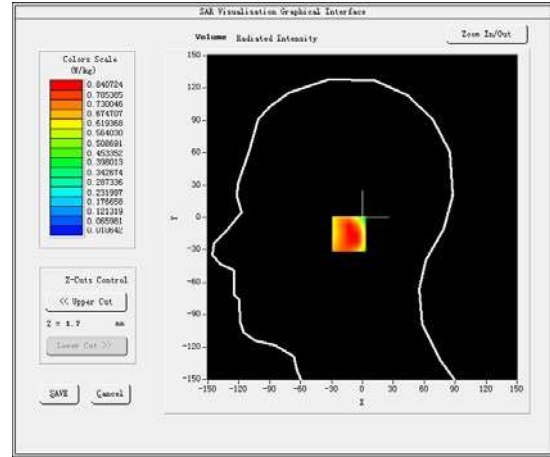
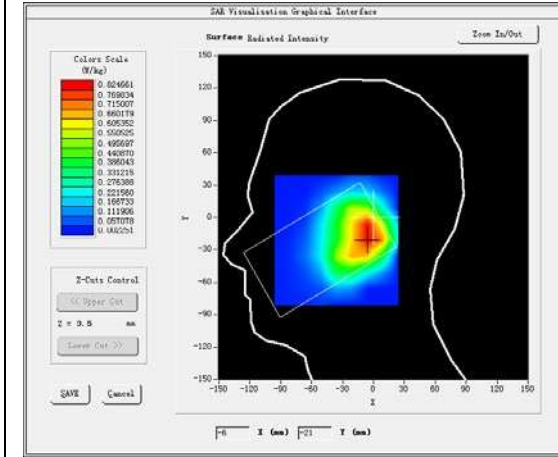
### **B. SAR Measurement Results**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	1.290000

### SURFACE SAR

### VOLUME SAR

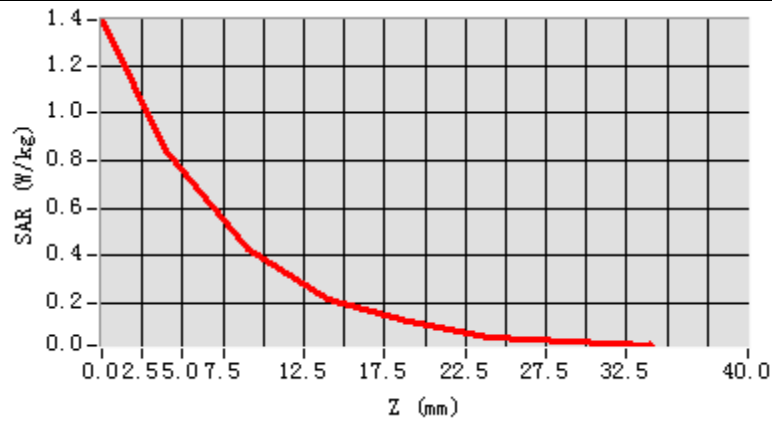


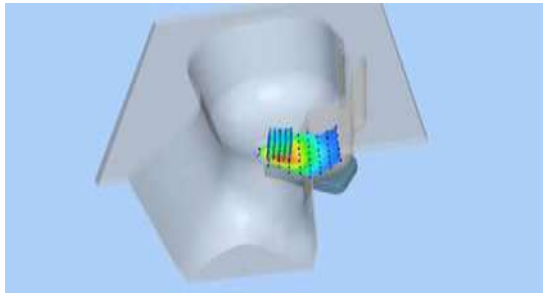
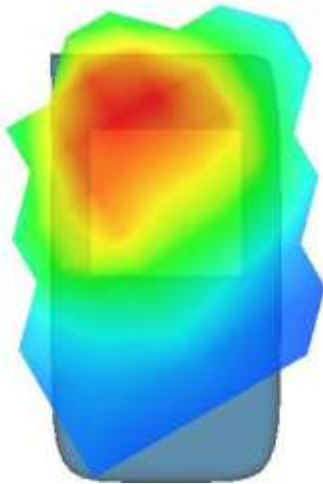
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.33 W/kg**

<b>SAR 10g (W/Kg)</b>	0.082609
<b>SAR1g (W/Kg)</b>	0.203051

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 88

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>7-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

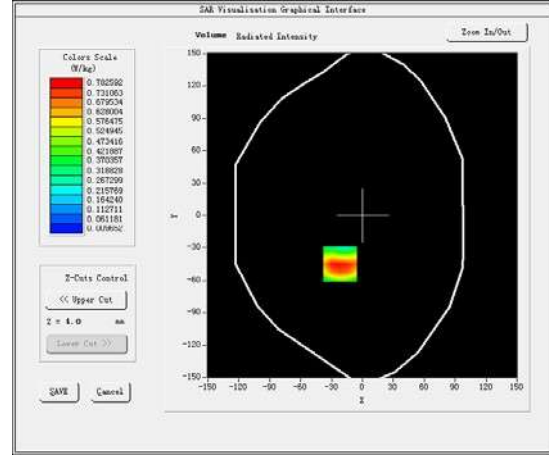
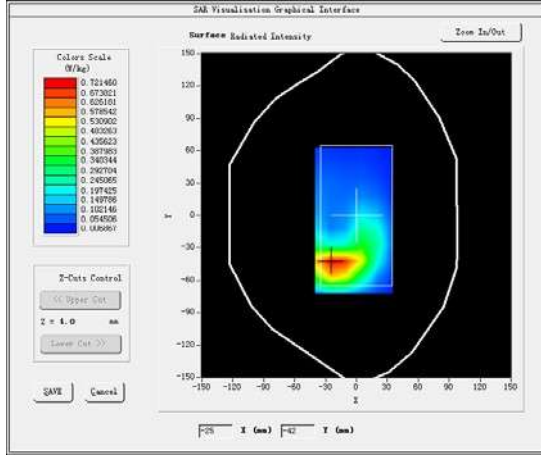
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 21100):

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-4.020000

### SURFACE SAR

### VOLUME SAR



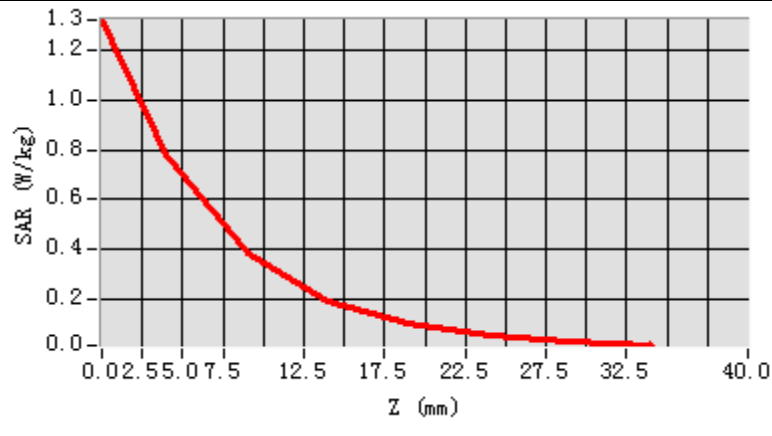
**Maximum location: X=-22.00, Y=-45.00**

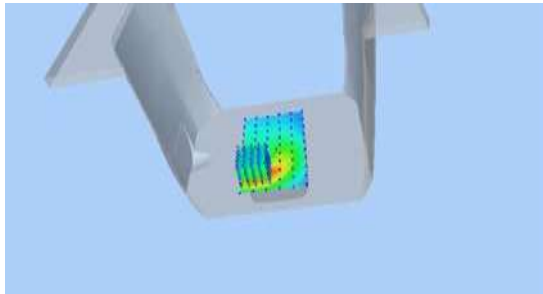
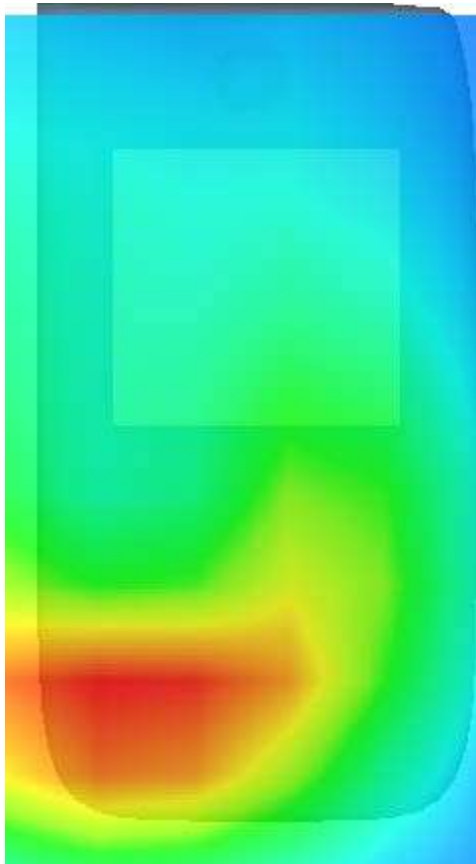
**SAR Peak: 0.07 W/kg**

<b>SAR 10g (W/Kg)</b>	0.015706
<b>SAR1g (W/Kg)</b>	0.048192



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 89

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>38-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

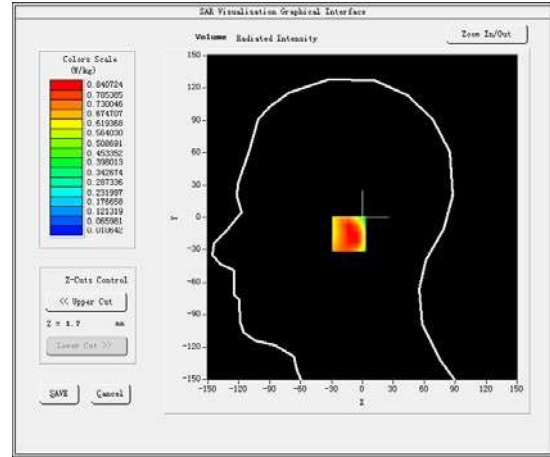
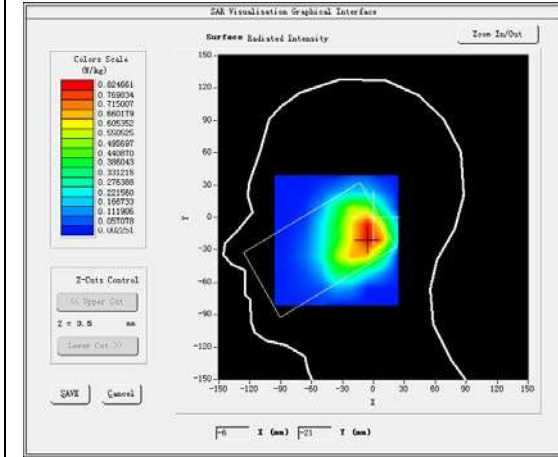
### **D. SAR Measurement Results**

Middle Band SAR (Channel 38000):

<b>Frequency (MHz)</b>	2595.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-2.250000

### SURFACE SAR

### VOLUME SAR

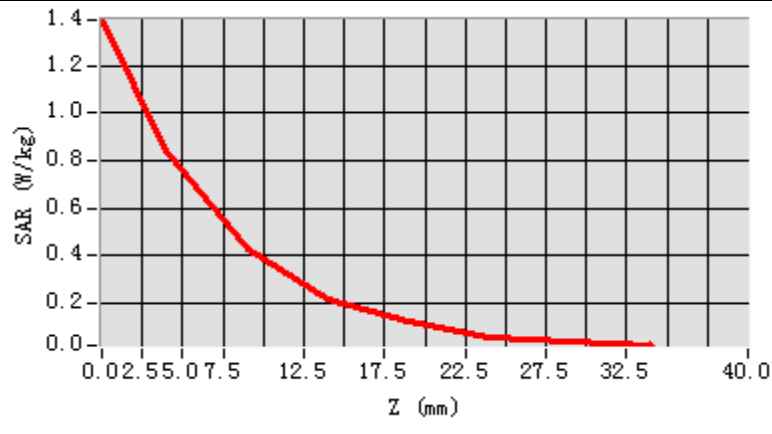


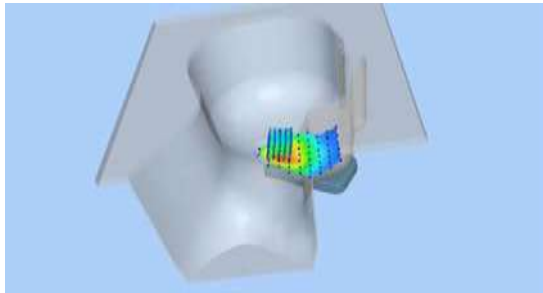
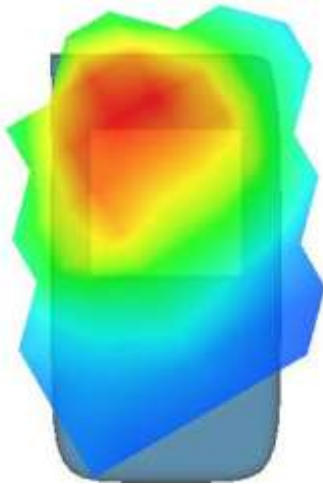
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.27 W/kg**

<b>SAR 10g (W/Kg)</b>	0.067713
<b>SAR1g (W/Kg)</b>	0.185064

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 90

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 45 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>38-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

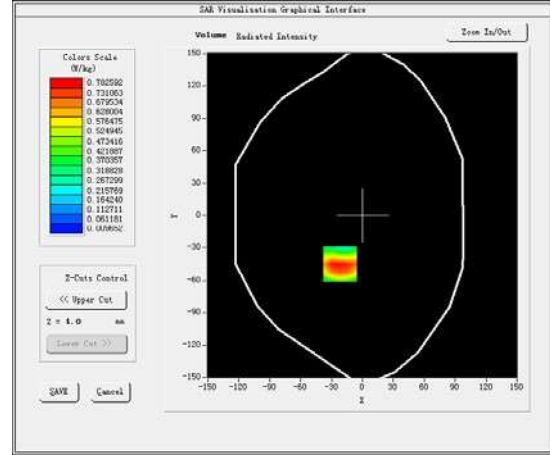
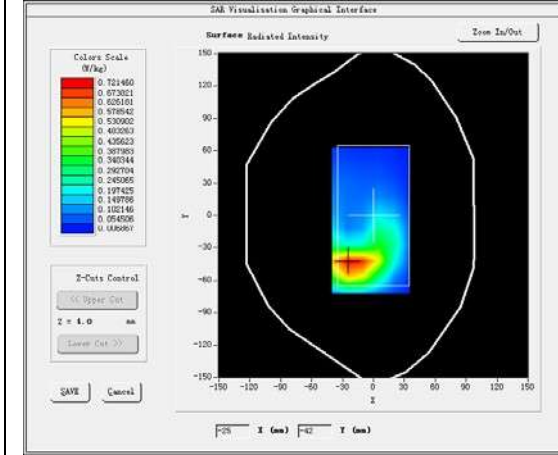
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 38000):

<b>Frequency (MHz)</b>	2595.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	1.640000

### SURFACE SAR

### VOLUME SAR

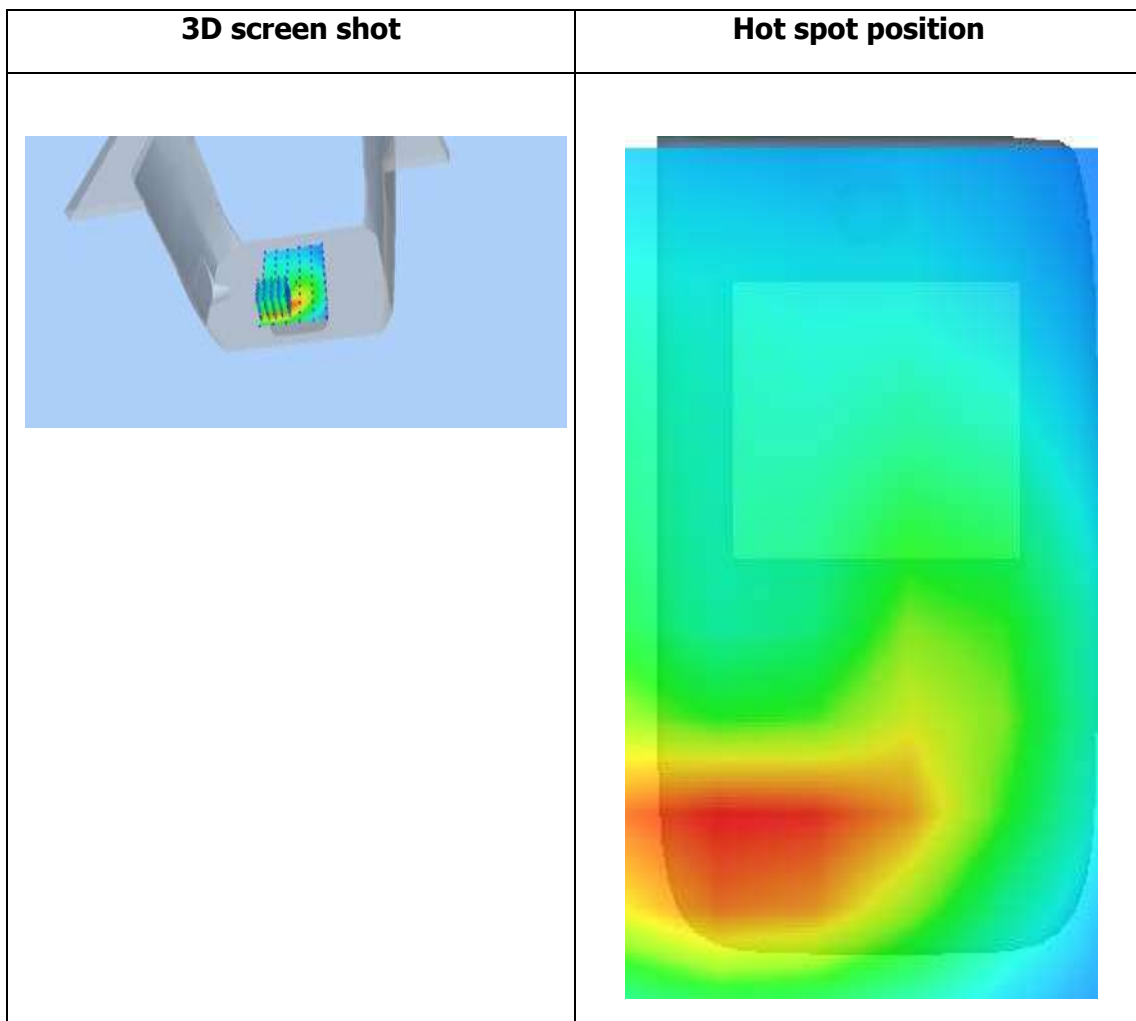
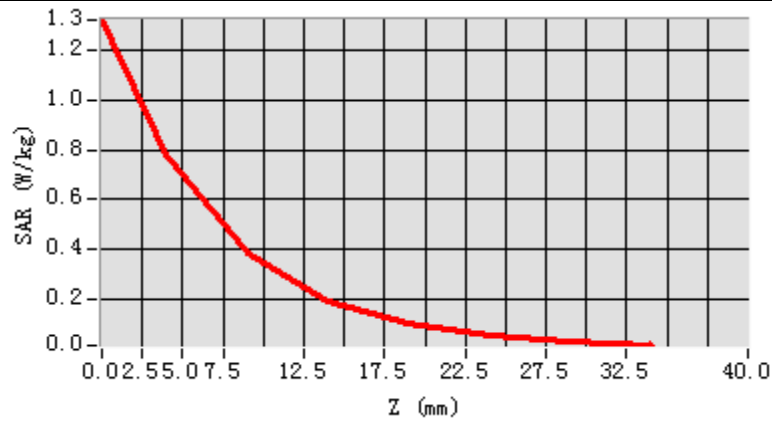


**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.04 W/kg**

<b>SAR 10g (W/Kg)</b>	0.008920
<b>SAR1g (W/Kg)</b>	0.020813

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



## MEASUREMENT 91

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

### **E. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>41-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

### **F. SAR Measurement Results**

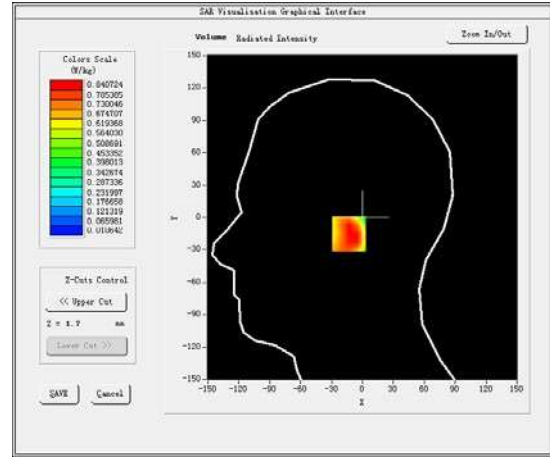
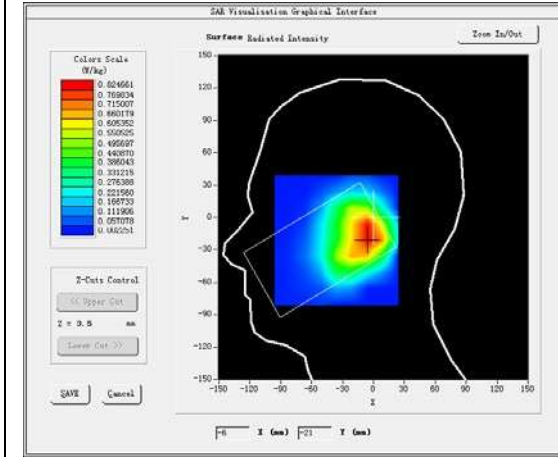
Middle Band SAR (Channel 39150):

<b>Frequency (MHz)</b>	2350.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	4.930000



### SURFACE SAR

### VOLUME SAR

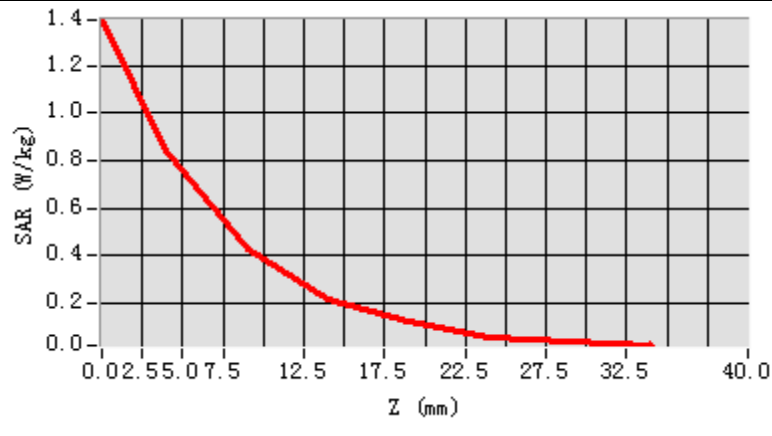


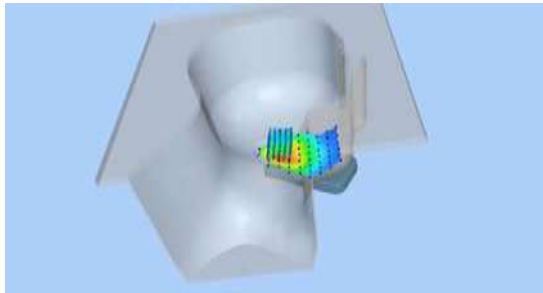
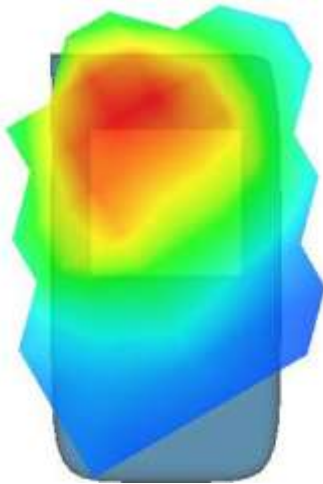
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.35 W/kg**

<b>SAR 10g (W/Kg)</b>	0.087202
<b>SAR1g (W/Kg)</b>	0.223914

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 92

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

### **E. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>41-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

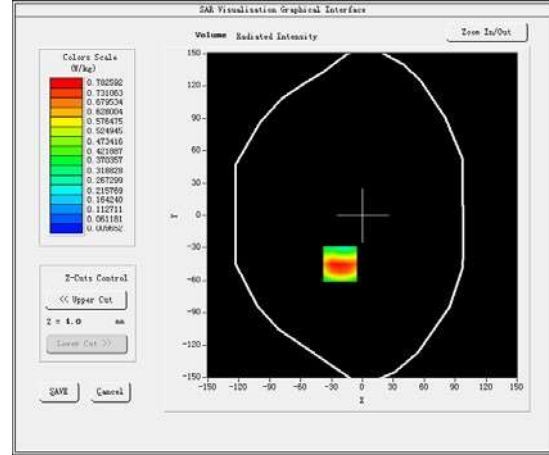
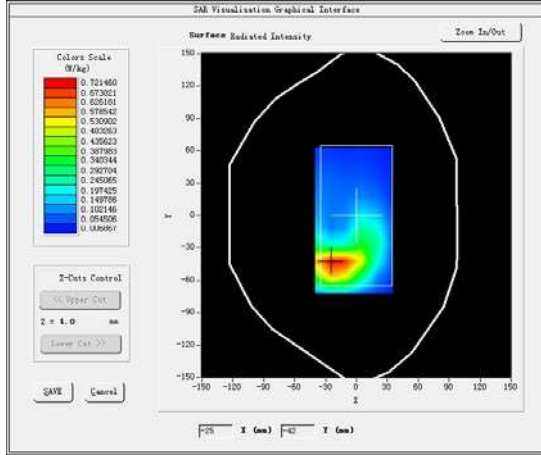
### **F. SAR Measurement Results**

Middle Band SAR (Channel 39150):

<b>Frequency (MHz)</b>	2350.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	2.820000

### SURFACE SAR

### VOLUME SAR

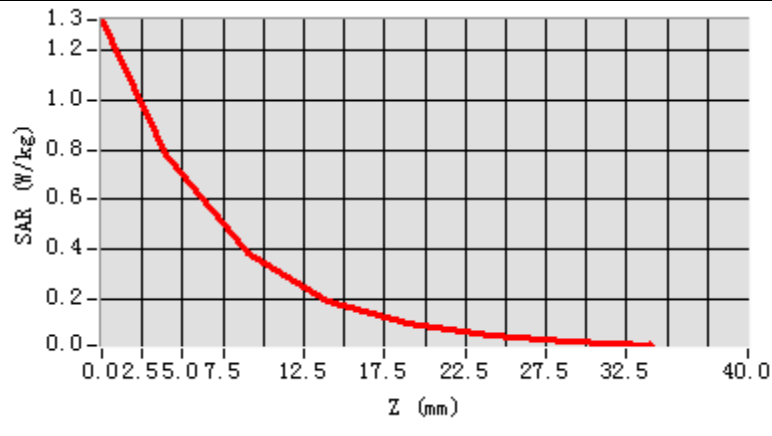


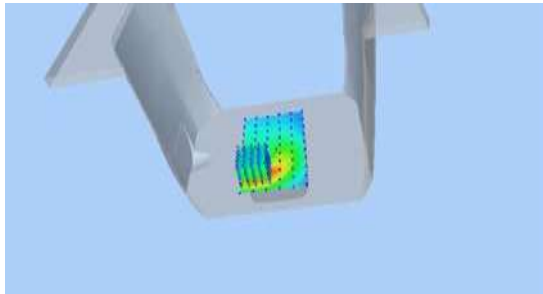
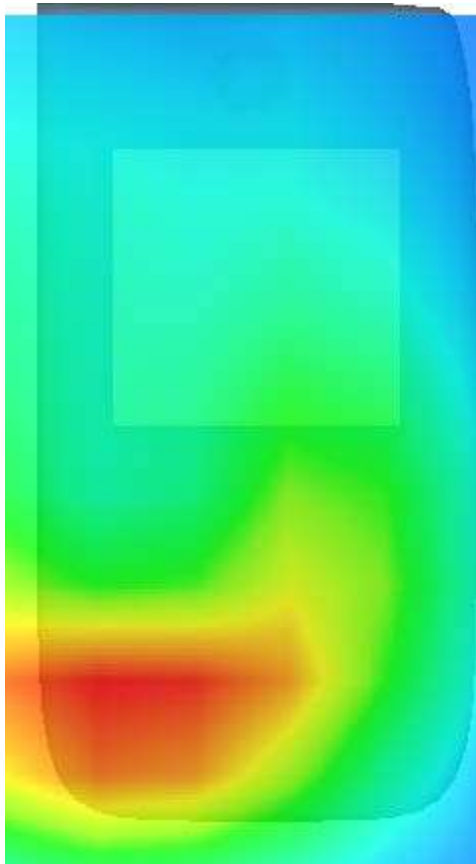
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.16 W/kg**

<b>SAR 10g (W/Kg)</b>	0.039421
<b>SAR1g (W/Kg)</b>	0.091803

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 93

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>41-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

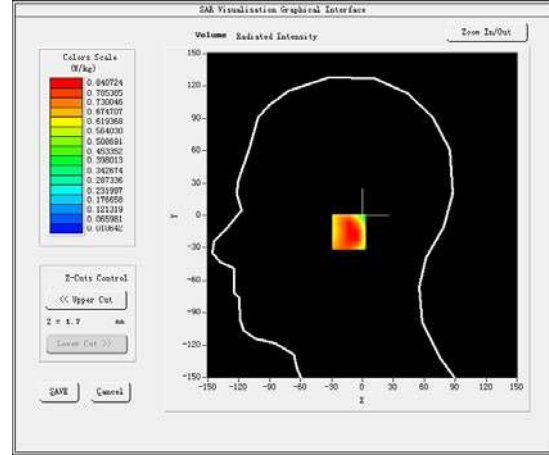
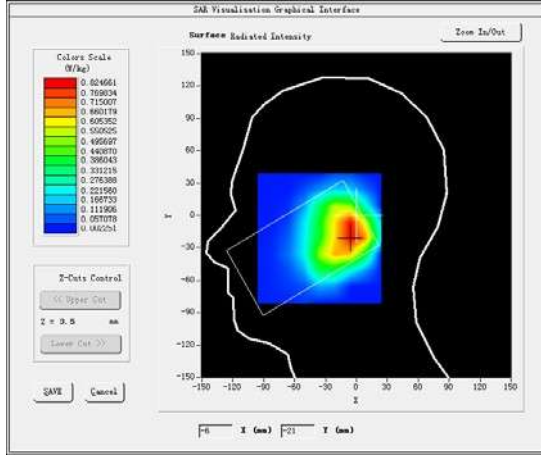
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 39150):

<b>Frequency (MHz)</b>	2350.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	2.510000

### SURFACE SAR

### VOLUME SAR

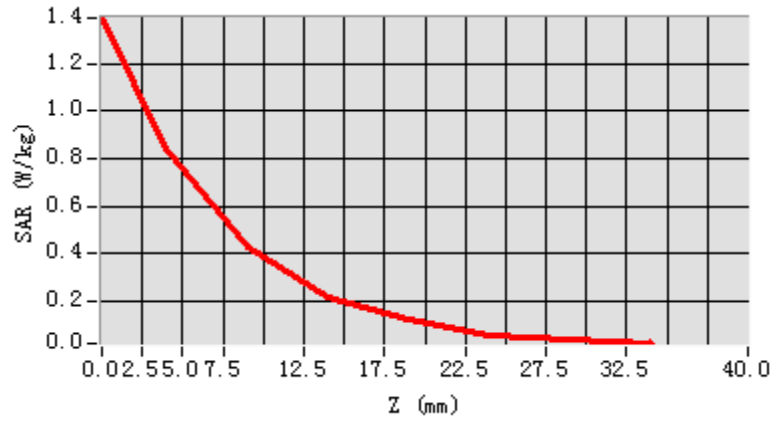


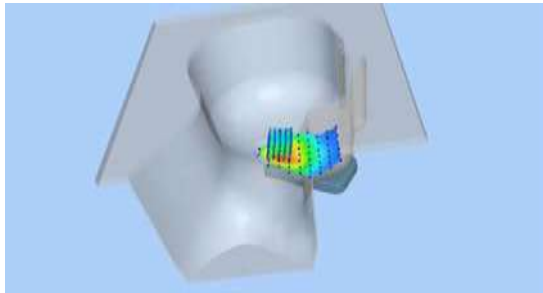
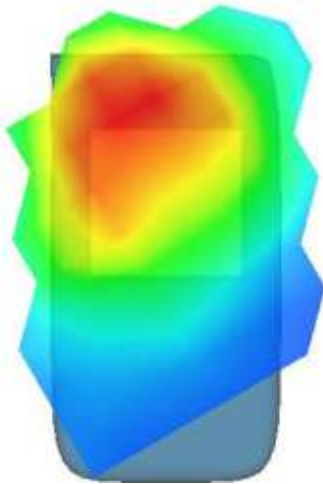
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.22 W/kg**

<b>SAR 10g (W/Kg)</b>	0.050711
<b>SAR1g (W/Kg)</b>	0.145619

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	



## MEASUREMENT 94

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>41-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

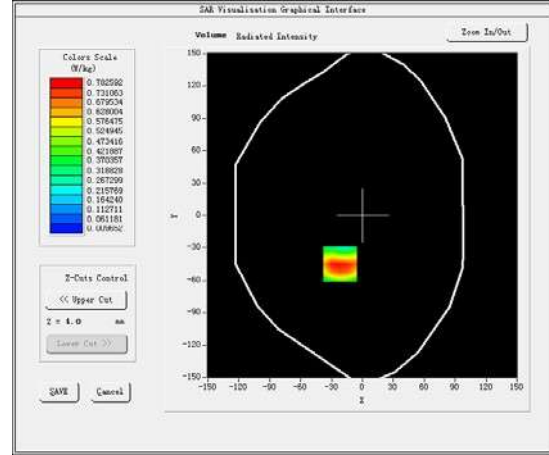
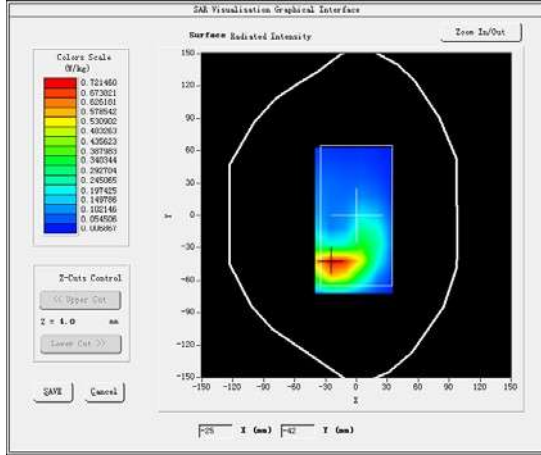
### **B. SAR Measurement Results**

Middle Band SAR (Channel 39150):

<b>Frequency (MHz)</b>	2350.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-2.140000

### SURFACE SAR

### VOLUME SAR

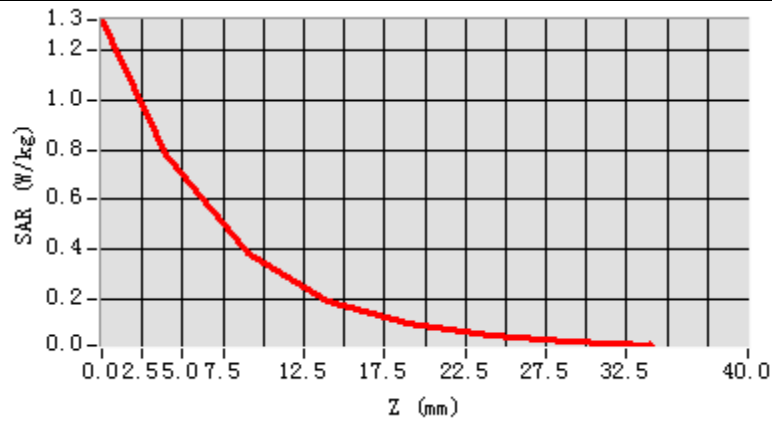


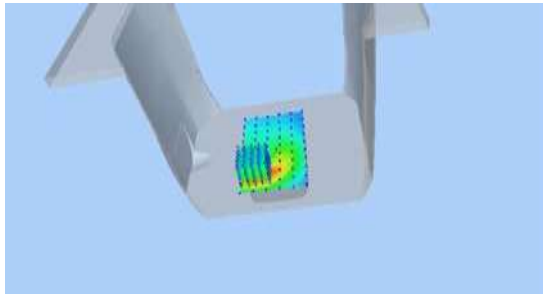
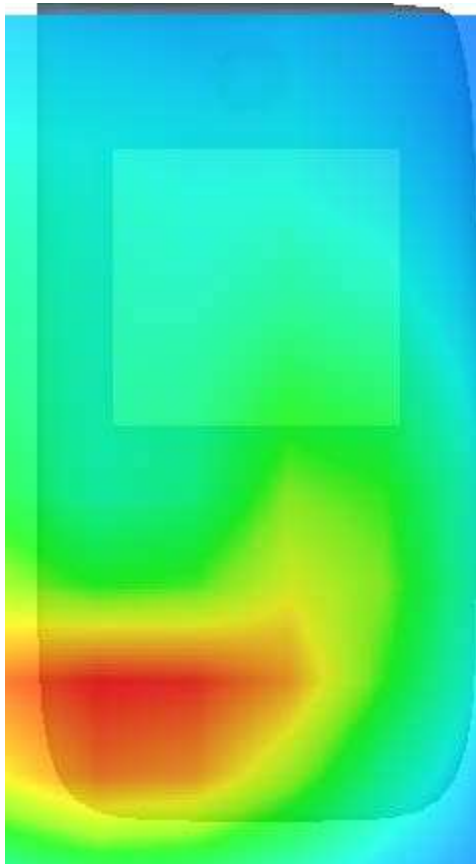
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.07 W/kg**

<b>SAR 10g (W/Kg)</b>	0.010439
<b>SAR1g (W/Kg)</b>	0.030825

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 95

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 7 minutes 51 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Tilt</u>
<b><u>Band</u></b>	<u>41-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

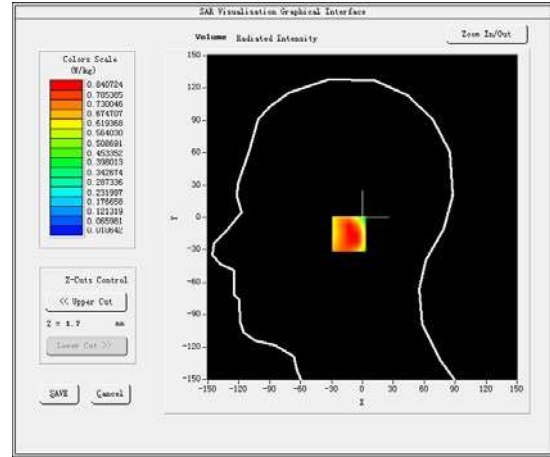
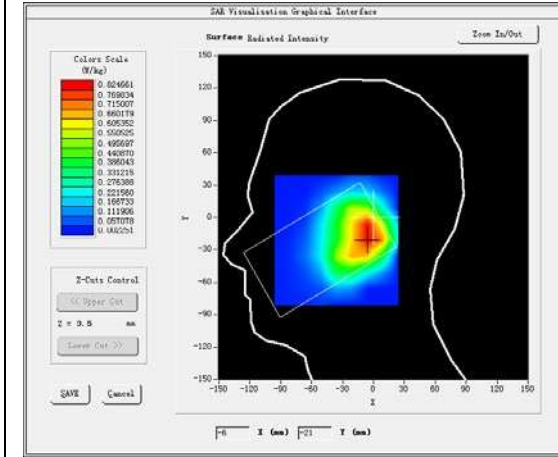
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 39150):

<b>Frequency (MHz)</b>	2350.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-3.120000

### SURFACE SAR

### VOLUME SAR

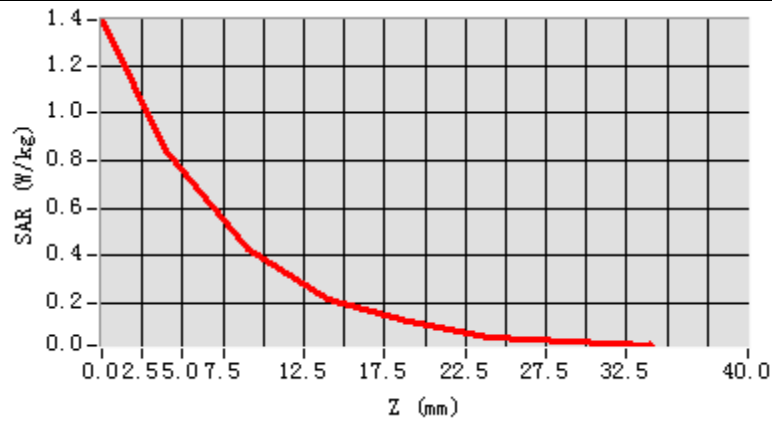


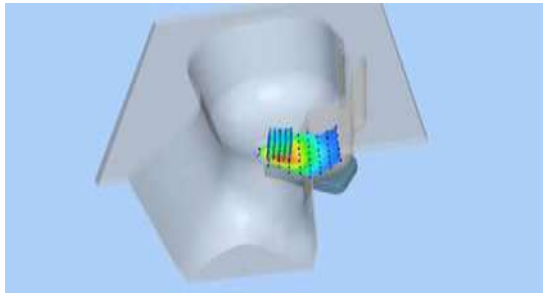
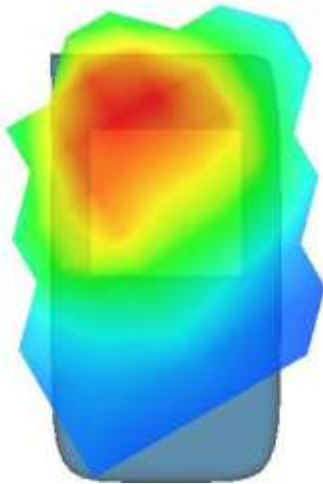
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.22 W/kg**

<b>SAR 10g (W/Kg)</b>	0.036270
<b>SAR1g (W/Kg)</b>	0.112539

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 96

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 45 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>41-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

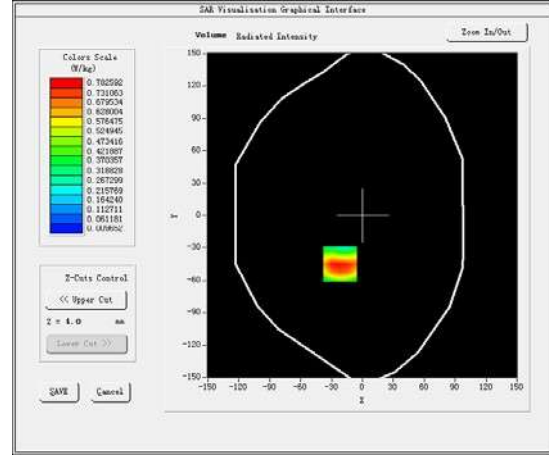
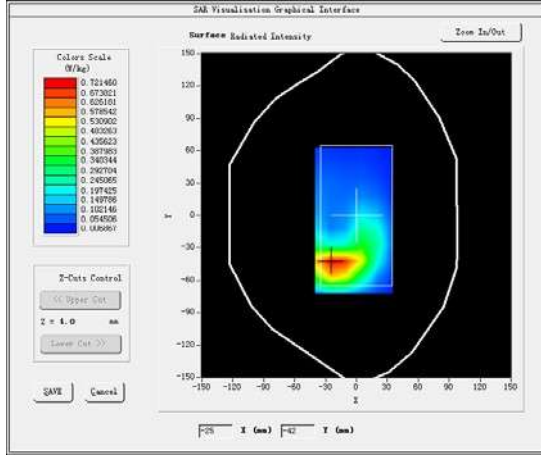
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 39150):

<b>Frequency (MHz)</b>	2350.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-4.500000

### SURFACE SAR

### VOLUME SAR



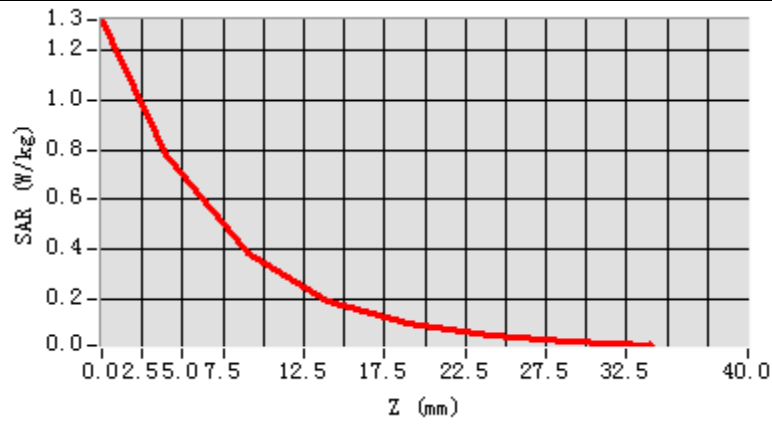
**Maximum location: X=-22.00, Y=-45.00**

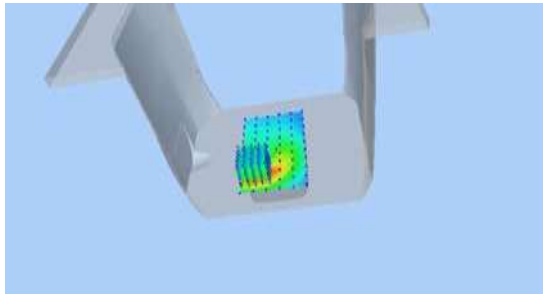
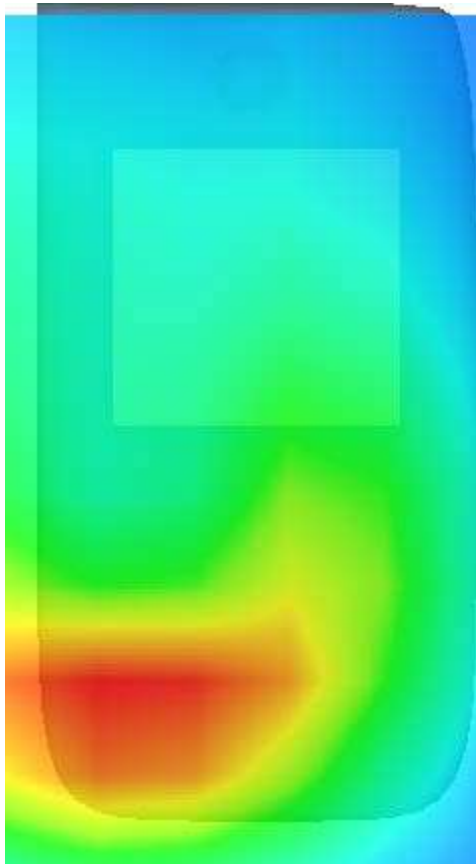
**SAR Peak: 0.03 W/kg**

<b>SAR 10g (W/Kg)</b>	0.006802
<b>SAR1g (W/Kg)</b>	0.018397



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 97

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>66-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

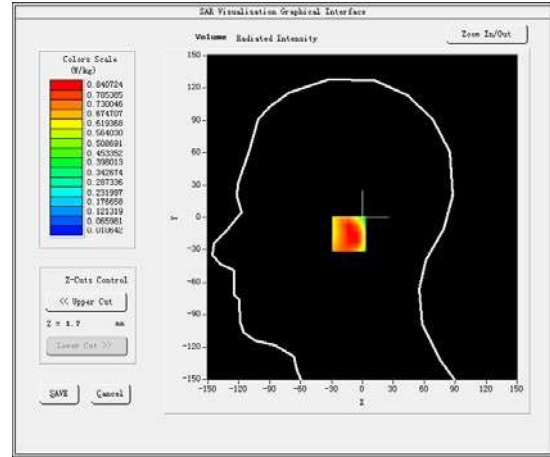
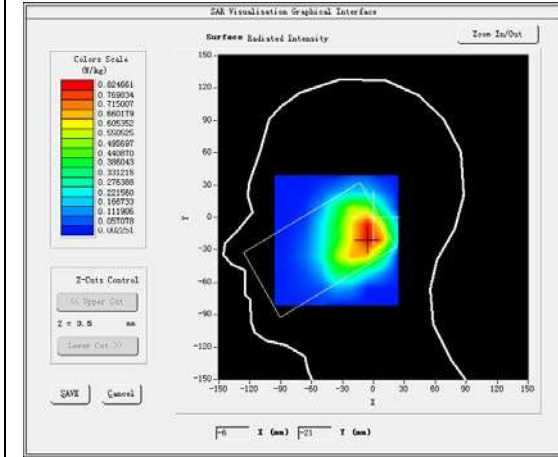
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	0.570000

### SURFACE SAR

### VOLUME SAR

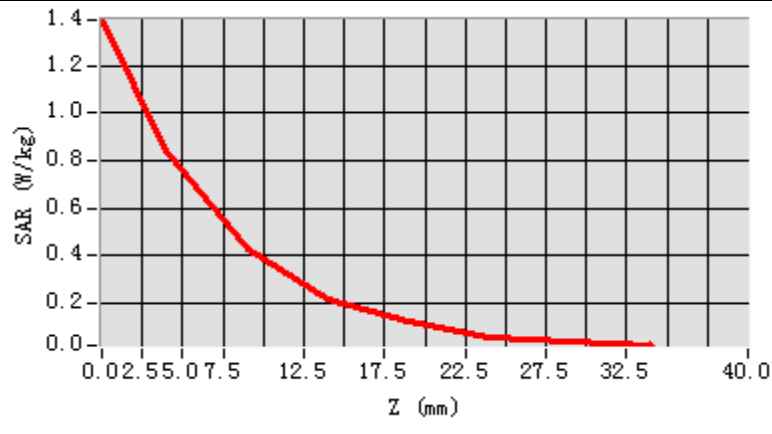


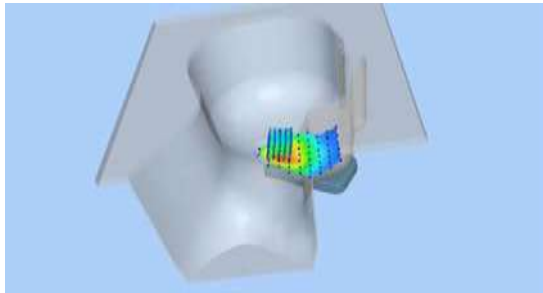
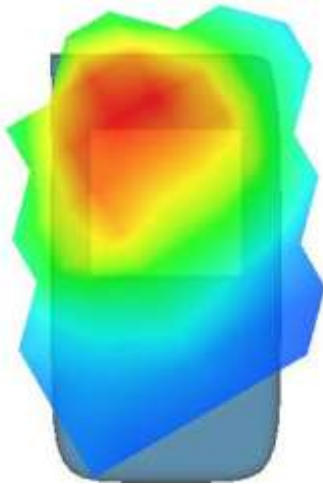
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.49 W/kg**

<b>SAR 10g (W/Kg)</b>	0.158395
<b>SAR1g (W/Kg)</b>	0.366902

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 98

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>66-N7</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

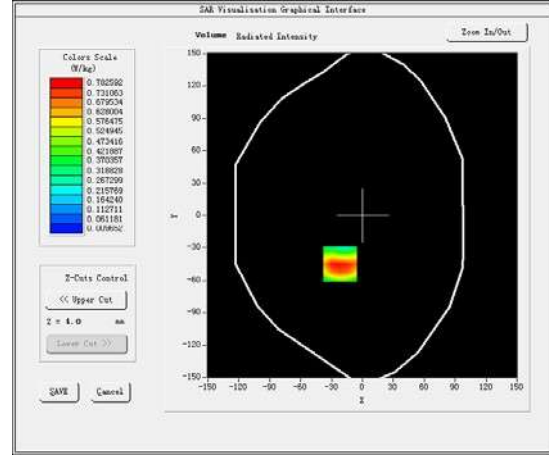
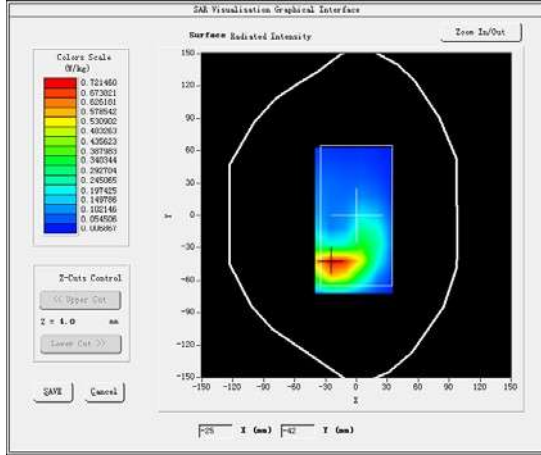
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-0.680000

### SURFACE SAR

### VOLUME SAR

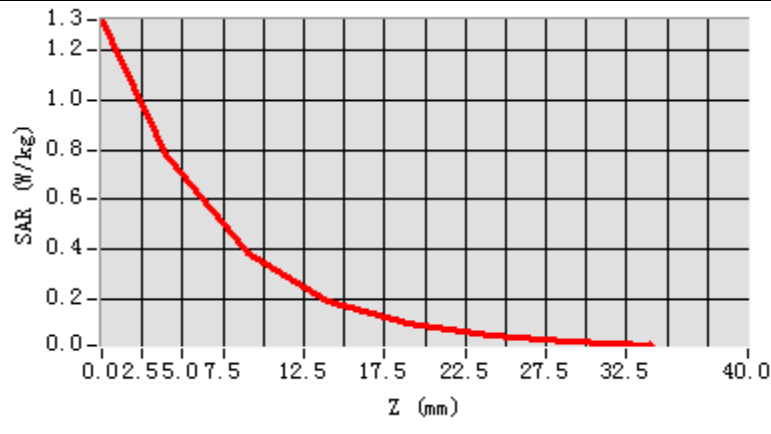


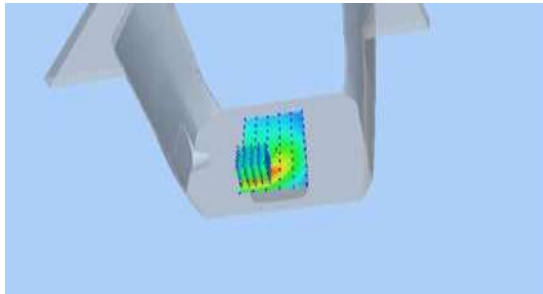
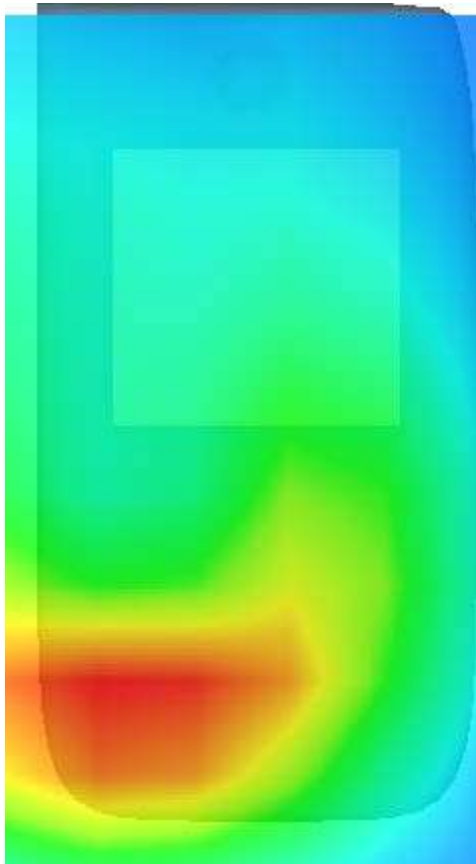
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.30 W/kg**

<b>SAR 10g (W/Kg)</b>	0.089360
<b>SAR1g (W/Kg)</b>	0.177925

<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>1.3195</b>	<b>0.7826</b>	<b>0.3862</b>	<b>0.1949</b>	<b>0.1001</b>	<b>0.0529</b>	<b>0.0283</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 99

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>66-N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

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

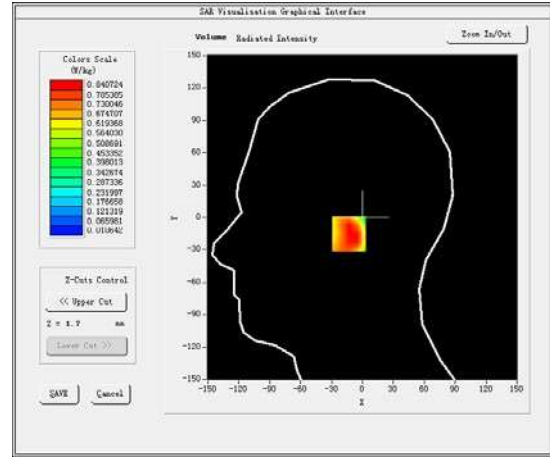
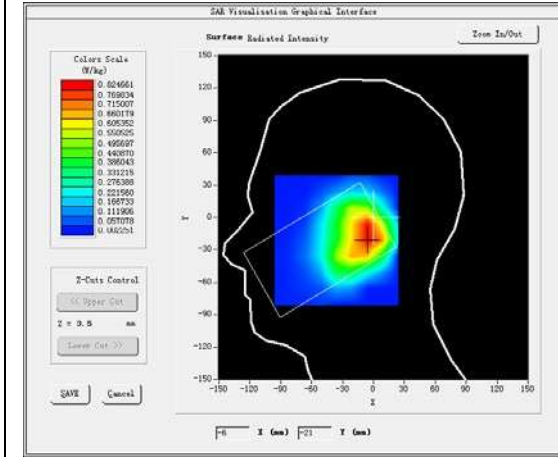
Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1750.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	3.320000



### SURFACE SAR

### VOLUME SAR

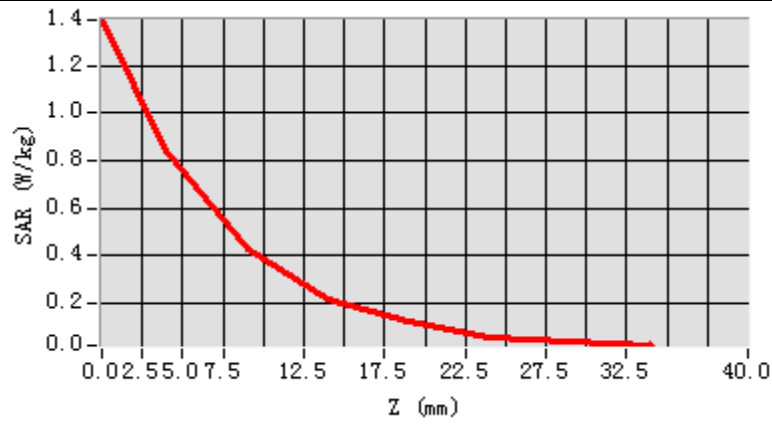


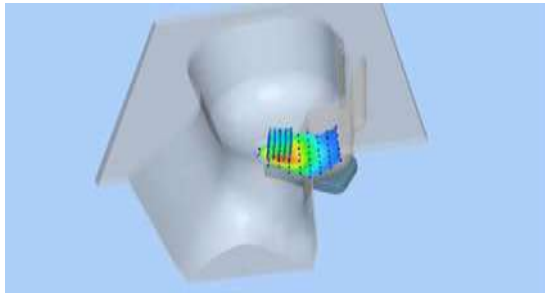
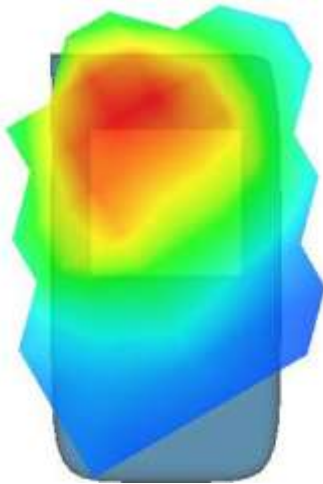
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.47 W/kg**

<b>SAR 10g (W/Kg)</b>	0.147735
<b>SAR1g (W/Kg)</b>	0.322045

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

## MEASUREMENT 100

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>66-N38</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

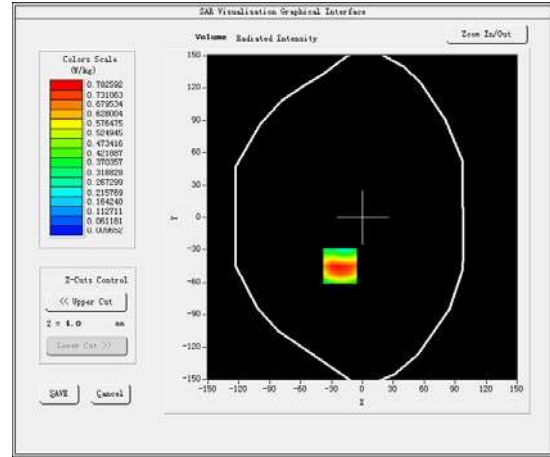
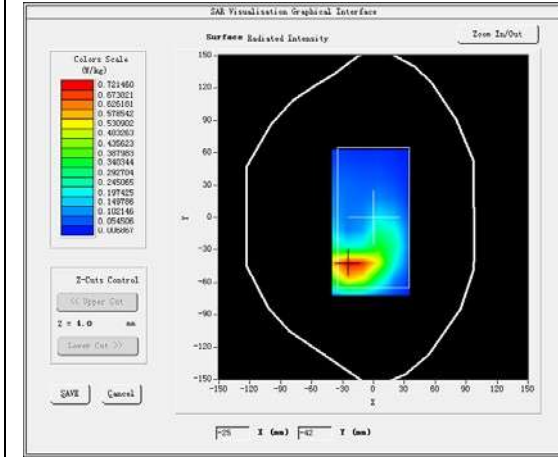
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-3.230000

### SURFACE SAR

### VOLUME SAR

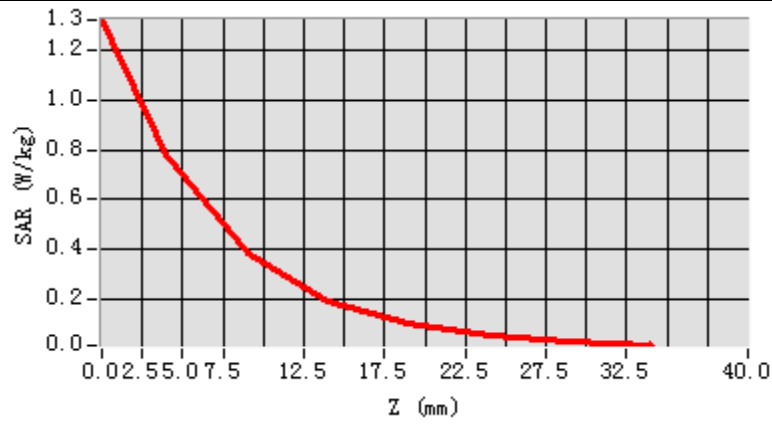


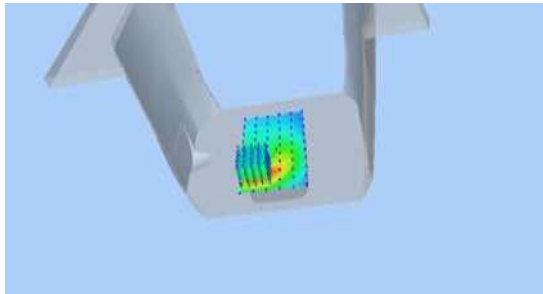
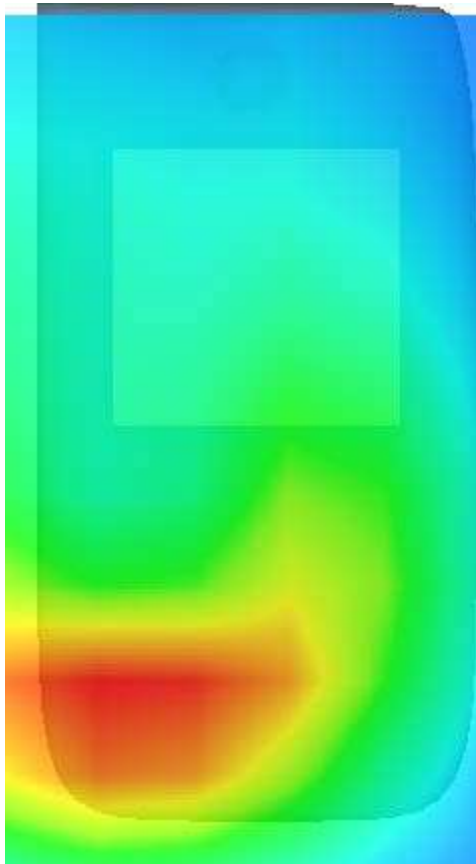
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.34 W/kg**

<b>SAR 10g (W/Kg)</b>	0.089793
<b>SAR1g (W/Kg)</b>	0.191756

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 101

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Left head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>66-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

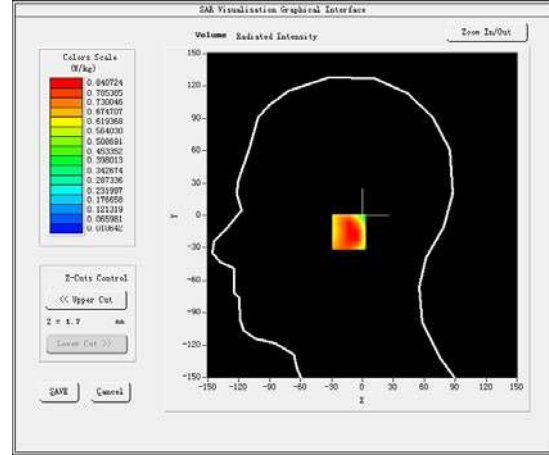
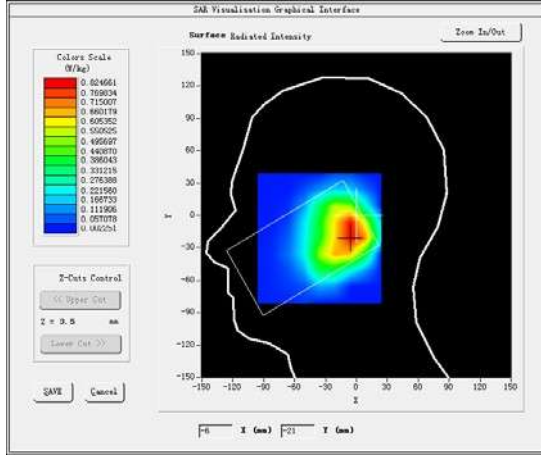
### **D. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1750.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	1.880000

### SURFACE SAR

### VOLUME SAR

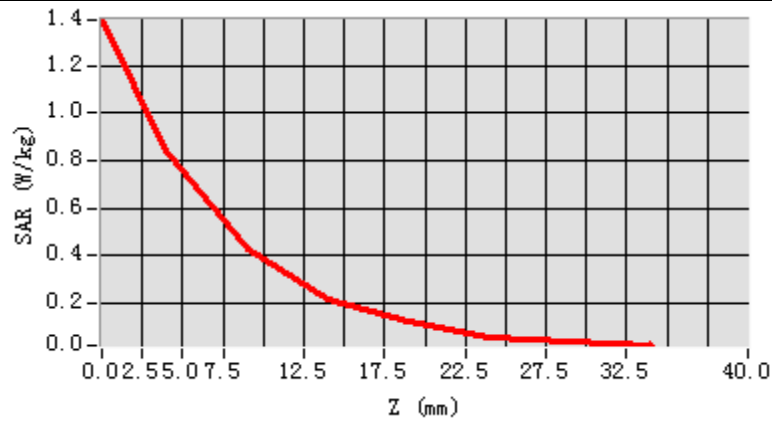


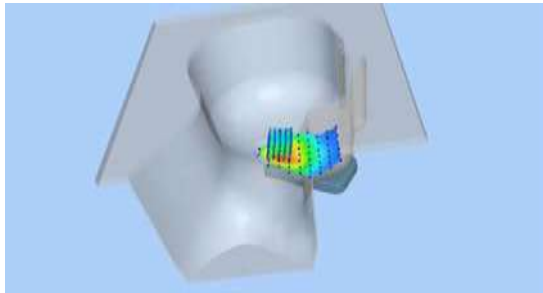
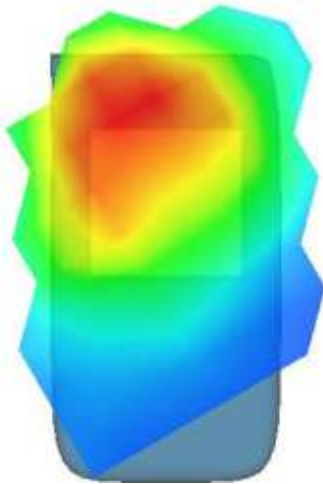
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.41 W/kg**

<b>SAR 10g (W/Kg)</b>	0.066521
<b>SAR1g (W/Kg)</b>	0.206349

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	



## MEASUREMENT 102

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 6 minutes 45 seconds

### **C. Experimental conditions.**

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=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>66-N41</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

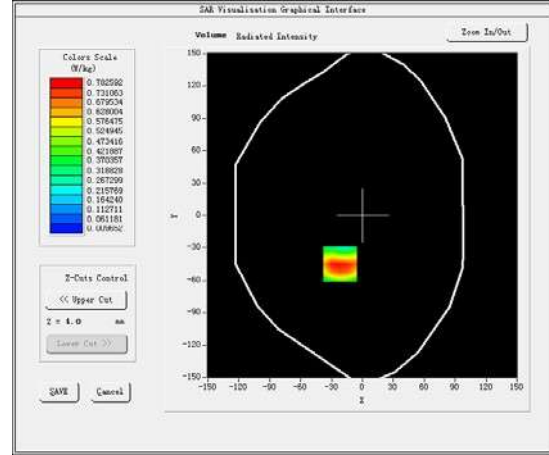
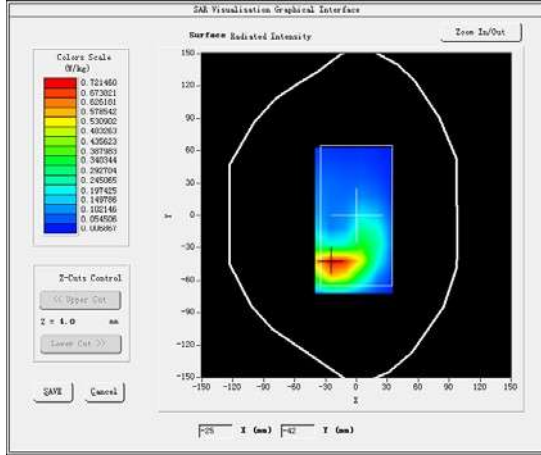
### **D. SAR MeasurementResults**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	0.540000

### SURFACE SAR

### VOLUME SAR

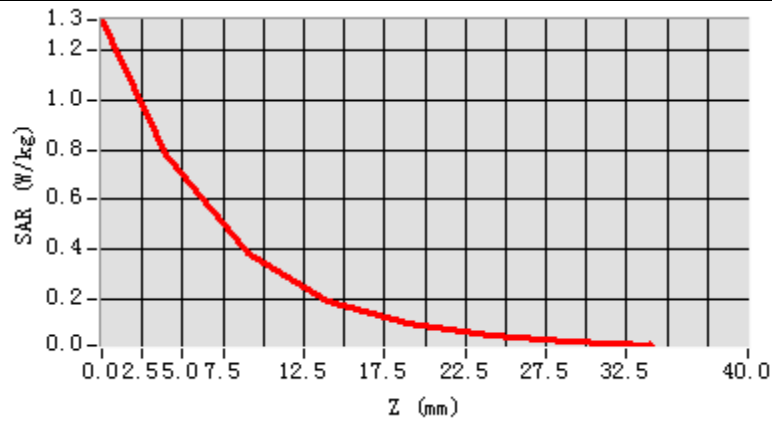


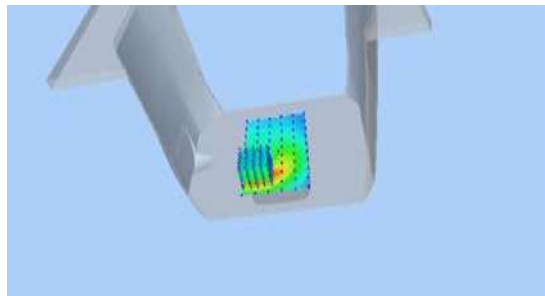
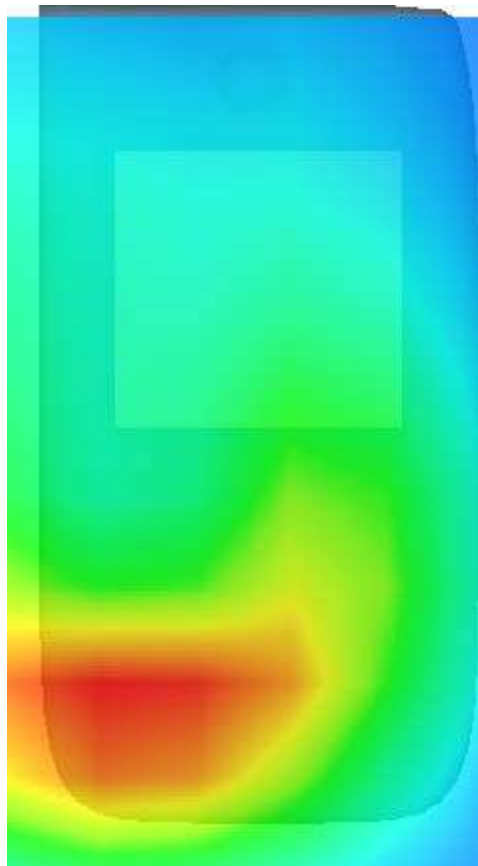
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.60 W/kg**

<b>SAR 10g (W/Kg)</b>	0.188139
<b>SAR1g (W/Kg)</b>	0.427530

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 103

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement:28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7,dx=8mm dy=8mmdz=5mm,Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>66-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

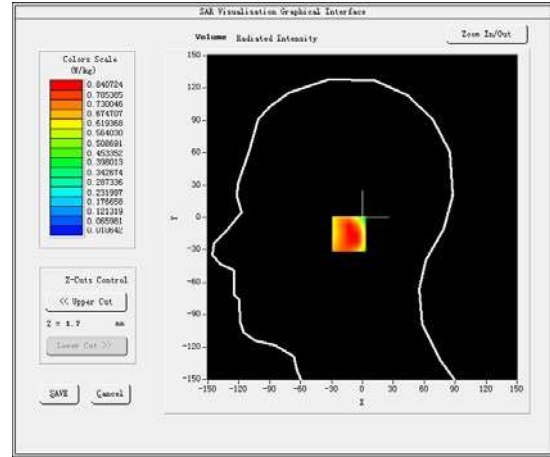
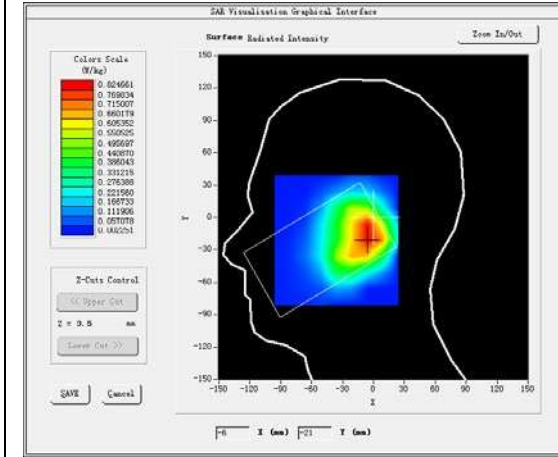
### **B. SAR MeasurementResults**

Middle Band SAR (Channel 132332):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	3.460000

### SURFACE SAR

### VOLUME SAR

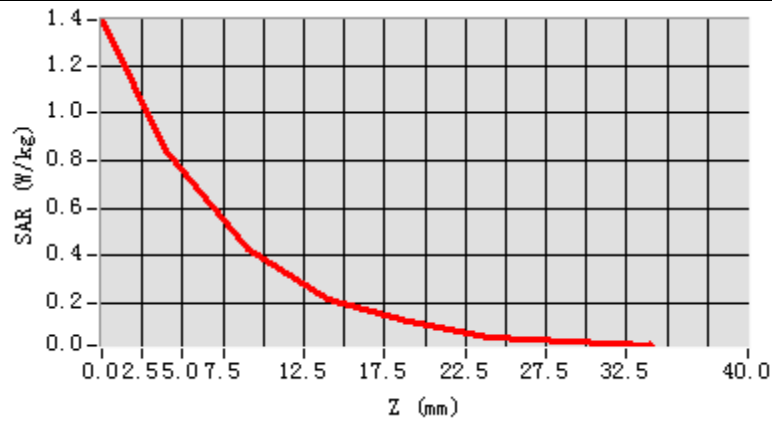


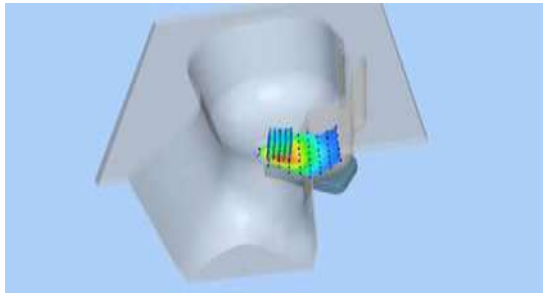
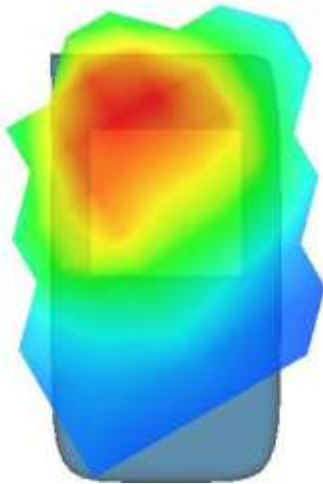
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.71 W/kg**

<b>SAR 10g (W/Kg)</b>	0.228619
<b>SAR1g (W/Kg)</b>	0.513204

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 104

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>66-N66</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

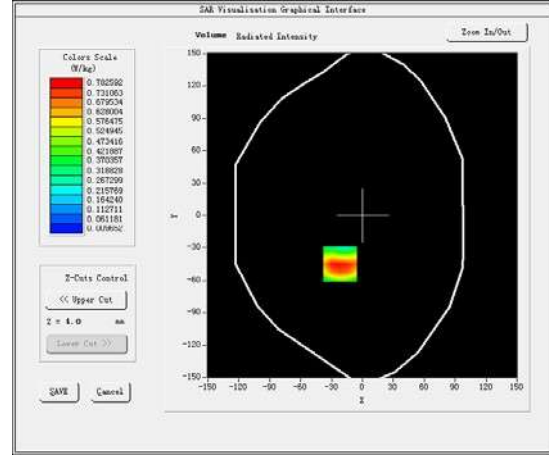
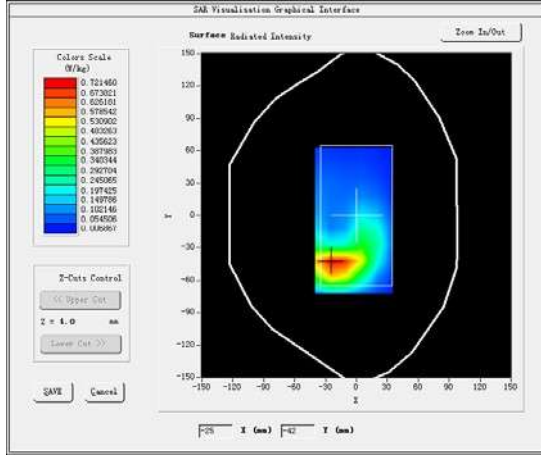
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-1.550000

### SURFACE SAR

### VOLUME SAR



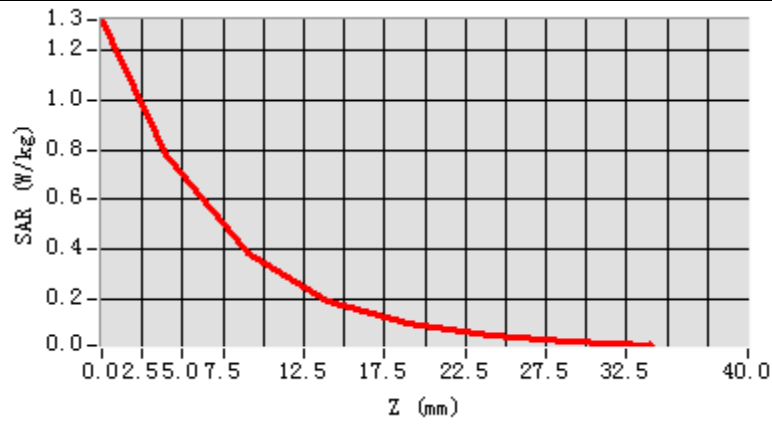
**Maximum location: X=-22.00, Y=-45.00**

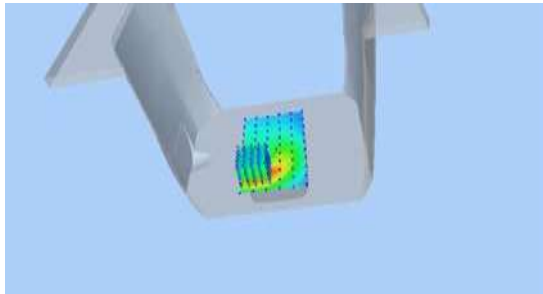
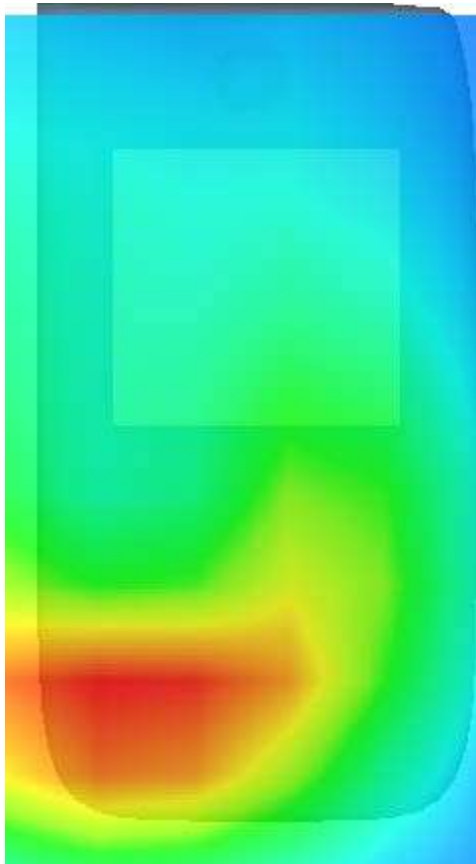
**SAR Peak: 0.35 W/kg**

<b>SAR 10g (W/Kg)</b>	0.106341
<b>SAR1g (W/Kg)</b>	0.267950



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 105

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>66-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

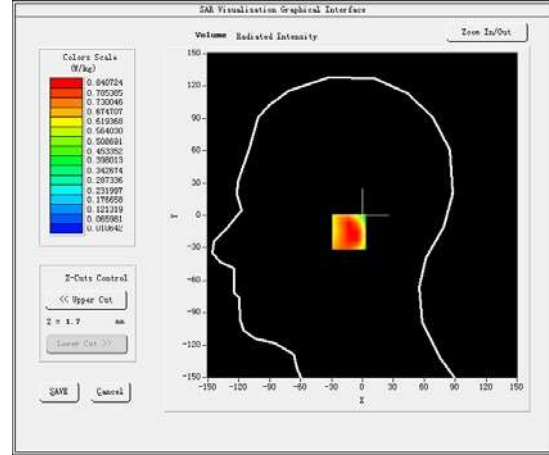
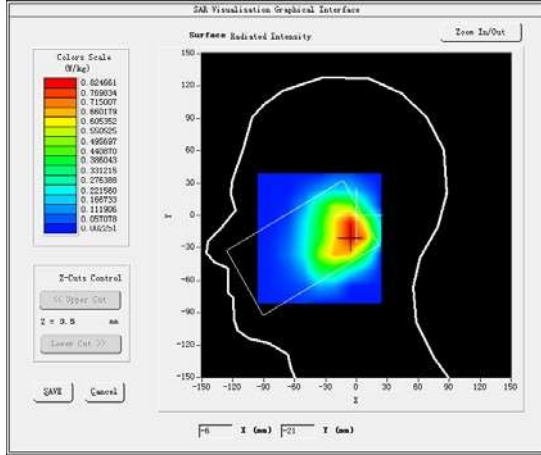
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-2.230000

### SURFACE SAR

### VOLUME SAR

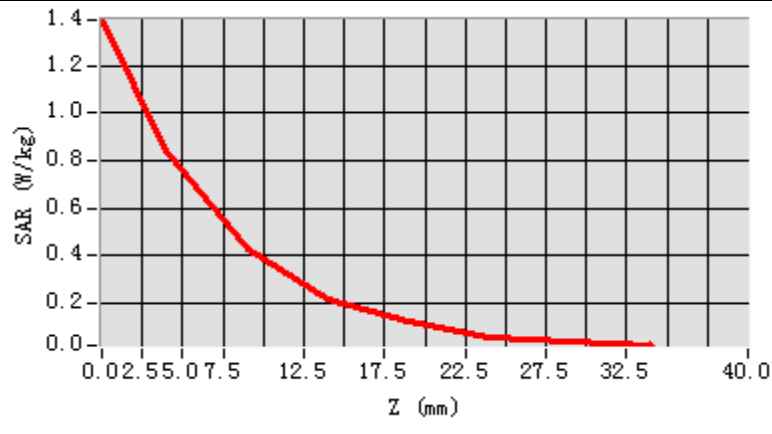


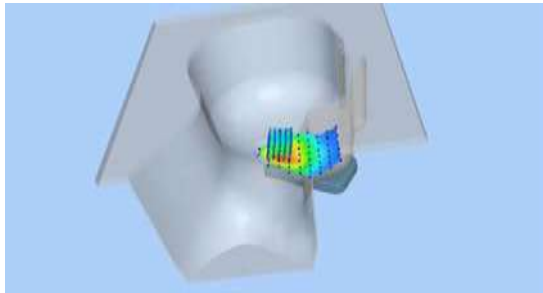
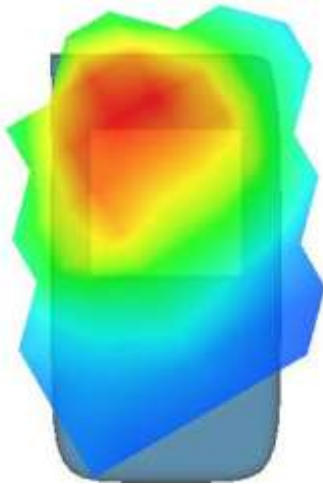
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.59 W/kg**

<b>SAR 10g (W/Kg)</b>	0.191538
<b>SAR1g (W/Kg)</b>	0.462105

<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>1.3911</b>	<b>0.8407</b>	<b>0.4278</b>	<b>0.2185</b>	<b>0.1234</b>	<b>0.0596</b>	<b>0.0419</b>



3D screen shot	Hot spot position
	

## MEASUREMENT 106

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>66-N77</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

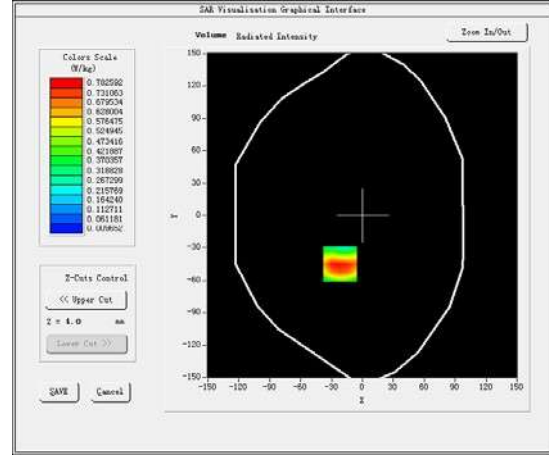
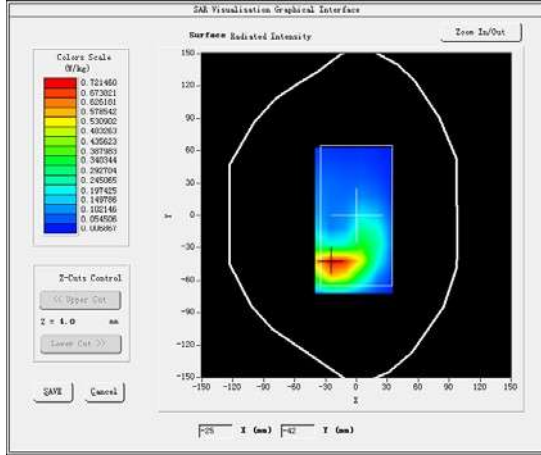
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	-0.580000

### SURFACE SAR

### VOLUME SAR

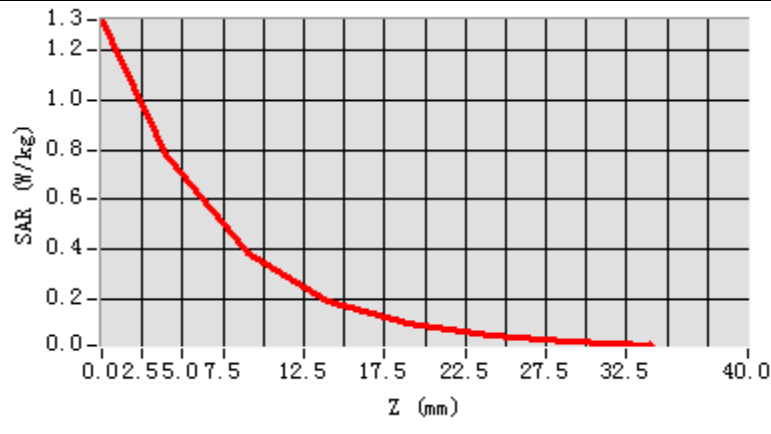


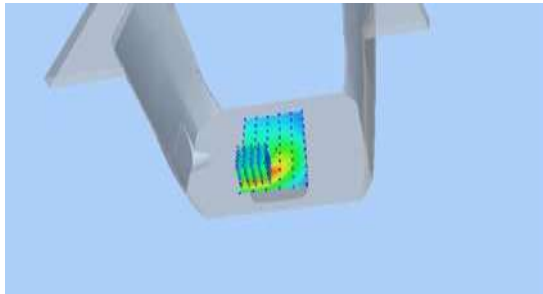
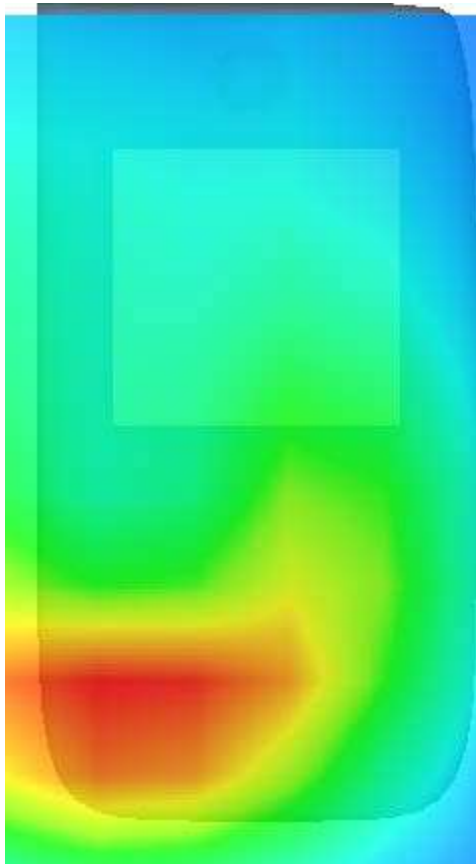
**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.36 W/kg**

<b>SAR 10g (W/Kg)</b>	0.086905
<b>SAR1g (W/Kg)</b>	0.226182

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

## MEASUREMENT 107

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 7 minutes 51 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</u>
<b><u>ZoomScan</u></b>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<b><u>Phantom</u></b>	<u>Right head</u>
<b><u>Device Position</u></b>	<u>Cheek</u>
<b><u>Band</u></b>	<u>66-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

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

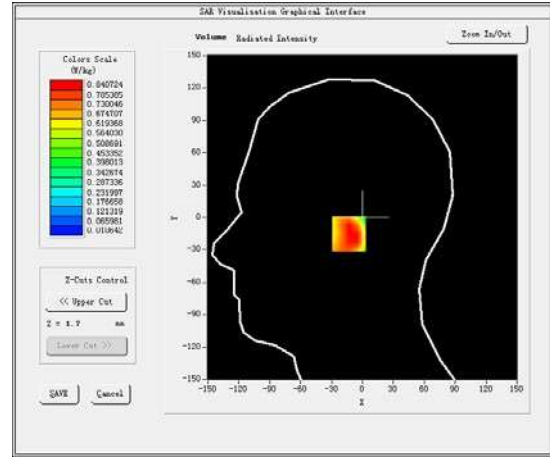
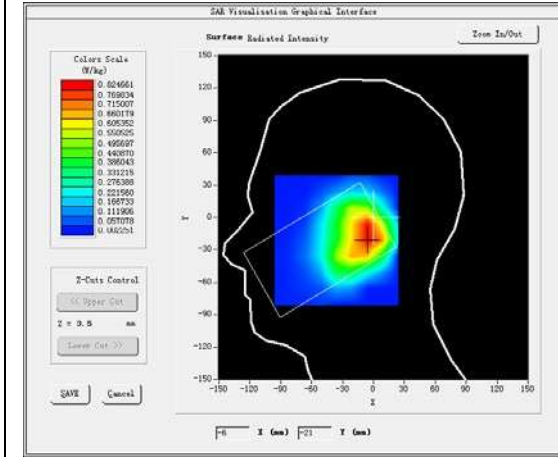
Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1745.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	2.190000



### SURFACE SAR

### VOLUME SAR

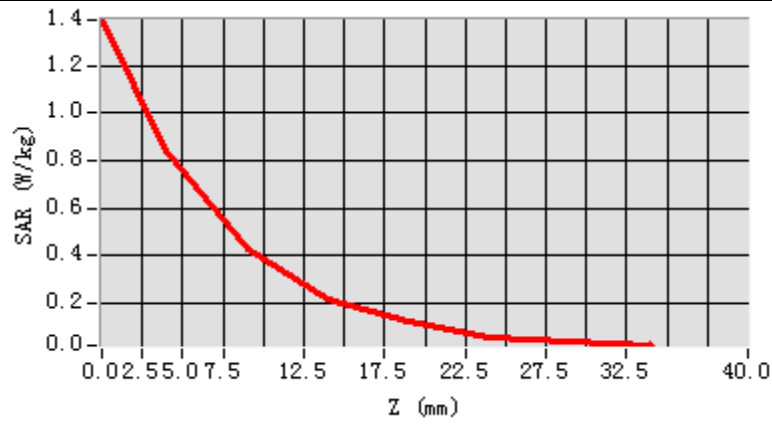


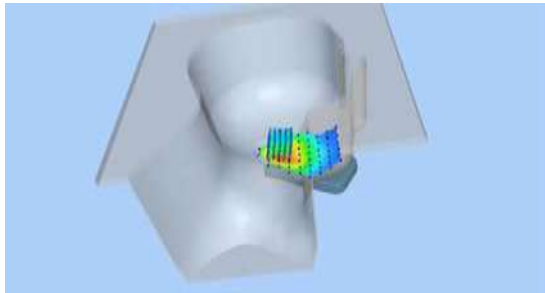
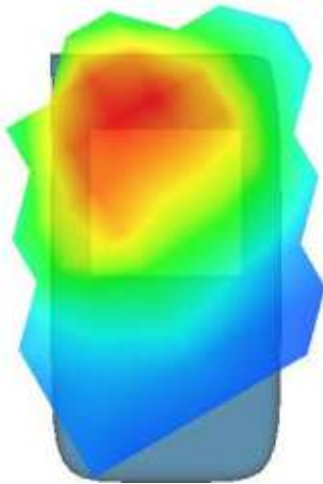
**Maximum location: X=-5.00, Y=-15.00**

**SAR Peak: 0.51 W/kg**

<b>SAR 10g (W/Kg)</b>	0.174605
<b>SAR1g (W/Kg)</b>	0.397210

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

## MEASUREMENT 108

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 28/6/2024

Measurement duration: 6 minutes 45 seconds

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

<b><u>Area Scan</u></b>	<u>dx=15mm dy=15mm</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>Body</u>
<b><u>Band</u></b>	<u>66-N78</u>
<b><u>Channels</u></b>	<u>Middle</u>
<b><u>Signal</u></b>	<u>NSA (Crest factor: 1.0)</u>

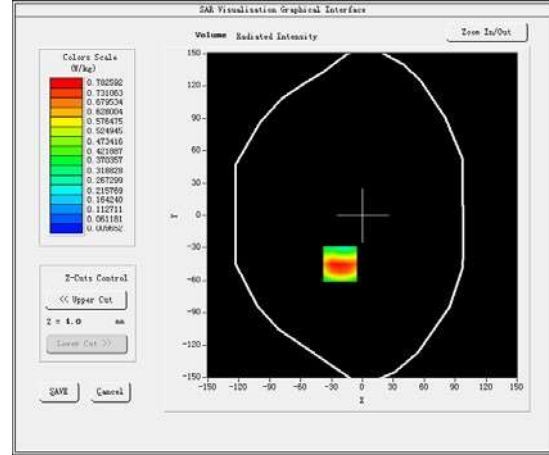
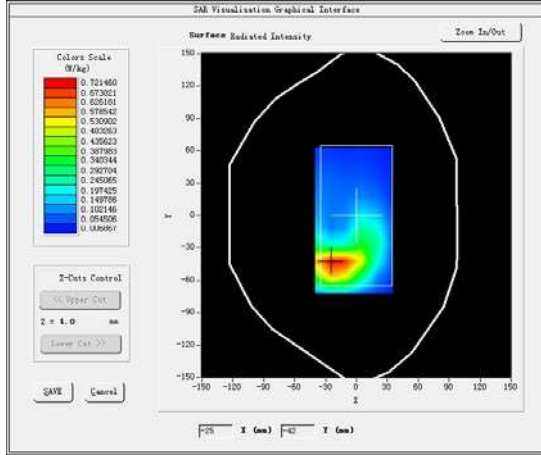
### **B. SAR Measurement Results**

Middle Band SAR (Channel 132322):

<b>Frequency (MHz)</b>	1750.000000
<b>Relative permittivity (real part)</b>	40.288898
<b>Relative permittivity (imaginary part)</b>	14.186400
<b>Conductivity (S/m)</b>	1.376869
<b>Variation (%)</b>	0.320000

### SURFACE SAR

### VOLUME SAR

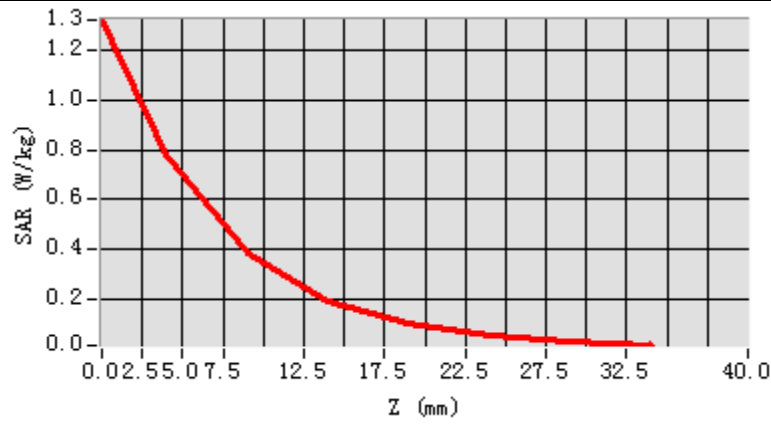


**Maximum location: X=-22.00, Y=-45.00**

**SAR Peak: 0.45 W/kg**

<b>SAR 10g (W/Kg)</b>	0.105307
<b>SAR1g (W/Kg)</b>	0.237801

<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>1.3195</b>	<b>0.7826</b>	<b>0.3862</b>	<b>0.1949</b>	<b>0.1001</b>	<b>0.0529</b>	<b>0.0283</b>



3D screen shot	Hot spot position
