

|                                                                                   |                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | <b>Annex A: System Check</b>                              |
|                                                                                   | <b>Tested Model : X6856</b>                               |
|                                                                                   | <b>Report Number:<br/>WSCT-ANAB-R&amp;E241200075A-SAR</b> |

## I. RESULTS

| <b><u>TYPE</u></b> | <b><u>BAND</u></b> | <b><u>PARAMETERS</u></b>                                                                         |
|--------------------|--------------------|--------------------------------------------------------------------------------------------------|
| <b>Validation</b>  | <b>CW750</b>       | <u>Measurement 1: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW835</b>       | <u>Measurement 2: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW1800</b>      | <u>Measurement 3: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW1900</b>      | <u>Measurement 4: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW2450</b>      | <u>Measurement 5: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW2600</b>      | <u>Measurement 6: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW3500</b>      | <u>Measurement 7: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW3700</b>      | <u>Measurement 8: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW5200</b>      | <u>Measurement 9: Validation Plane with Dipole device position on Middle Channel in CW mode</u>  |
| <b>Validation</b>  | <b>CW5500</b>      | <u>Measurement 10: Validation Plane with Dipole device position on Middle Channel in CW mode</u> |
| <b>Validation</b>  | <b>CW5800</b>      | <u>Measurement 11: Validation Plane with Dipole device position on Middle Channel in CW mode</u> |

## MEASUREMENT 1

Type: Validation measurement (Complete)

Date of measurement: 09/11/2024

Measurement duration: 11 minutes 40 seconds

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

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>        | <u>5x5x7, dx=8mm dy=8mm</u><br><u>dz=5mm, Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                                |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                          |
| <b><u>Band</u></b>            | <u>CW750</u>                                           |
| <b><u>Channels</u></b>        | <u>Middle</u>                                          |
| <b><u>Signal</u></b>          | <u>CW (Crest factor: 1.0)</u>                          |

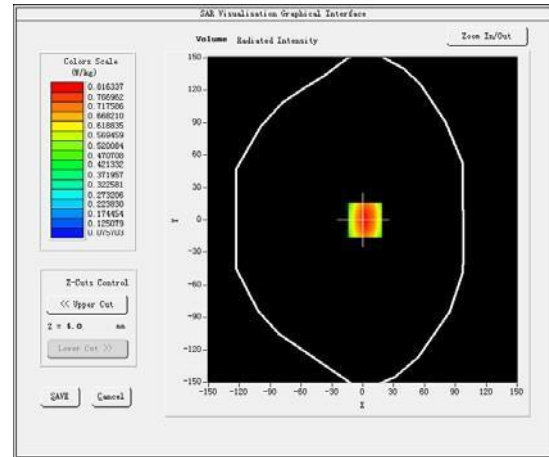
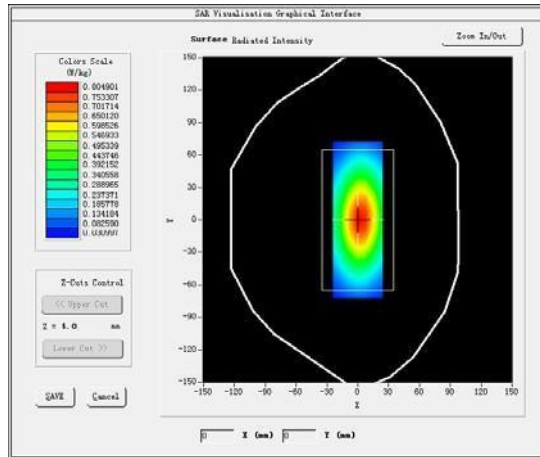
### **B. SAR Measurement Results**

Middle Band SAR (Channel -1):

|                                               |            |
|-----------------------------------------------|------------|
| <b>Frequency (MHz)</b>                        | 750.000000 |
| <b>Relative permittivity (real part)</b>      | 41.350601  |
| <b>Relative permittivity (imaginary part)</b> | 21.254601  |
| <b>Conductivity (S/m)</b>                     | 0.885608   |
| <b>Variation (%)</b>                          | 1.030000   |

## SURFACE SAR

## VOLUME SAR

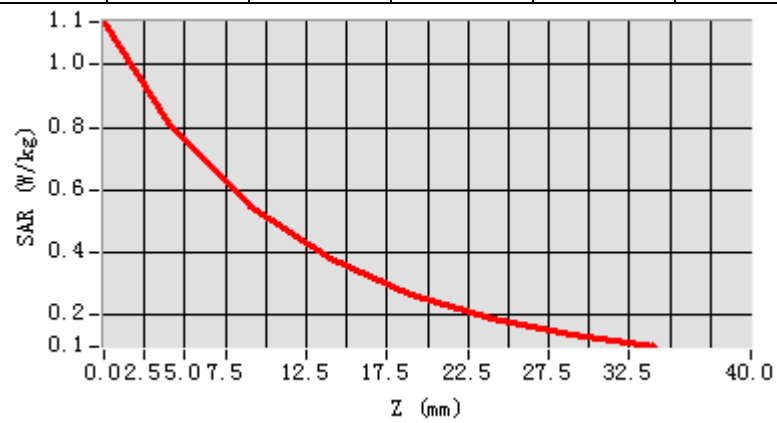


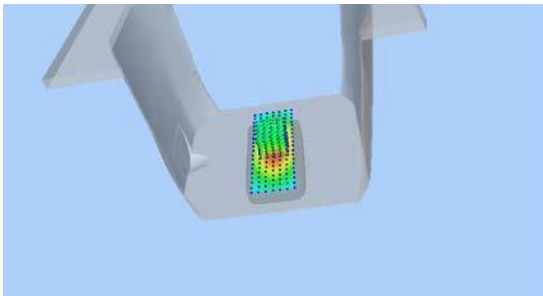
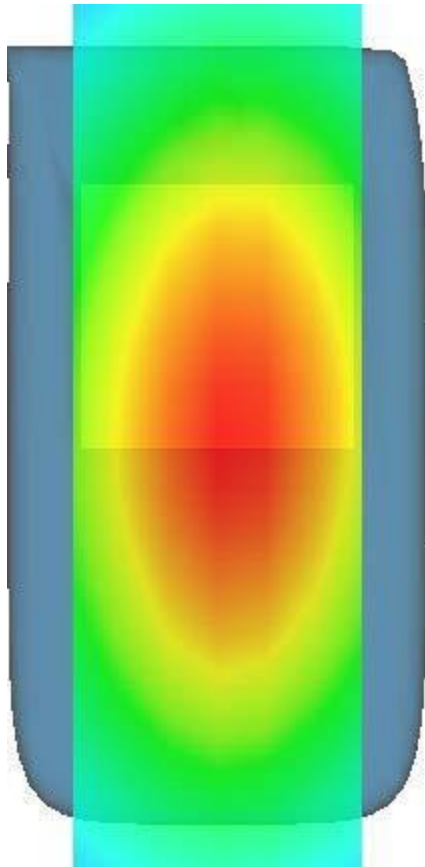
**Maximum location: X=2.00, Y=0.00**

**SAR Peak: 1.13 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.537155 |
| <b>SAR 1g (W/Kg)</b>  | 0.783648 |

| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.1379 | 0.8163 | 0.5446 | 0.3776 | 0.2647 | 0.1886 | 0.1348 |



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 2

Type: Validation measurement (Complete)

Date of measurement: 13/11/2024

Measurement duration: 11 minutes 54 seconds

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

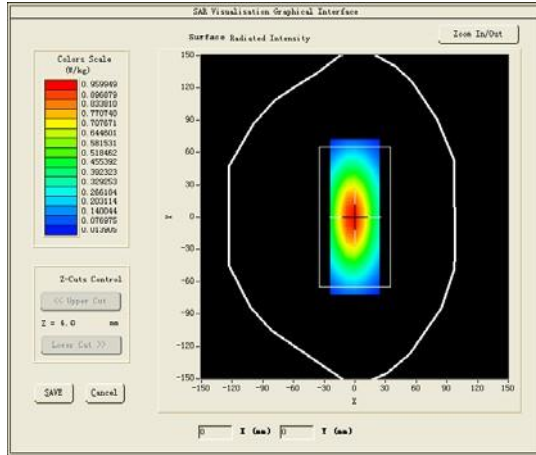
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>        | <u>5x5x7, dx=8mm dy=8mm</u><br><u>dz=5mm, Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                                |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                          |
| <b><u>Band</u></b>            | <u>CW835</u>                                           |
| <b><u>Channels</u></b>        | <u>Middle</u>                                          |
| <b><u>Signal</u></b>          | <u>CW (Crest factor: 1.0)</u>                          |

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

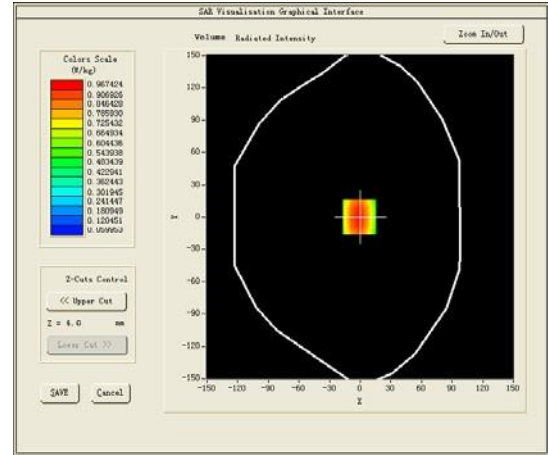
Middle Band SAR (Channel -1):

|                                               |            |
|-----------------------------------------------|------------|
| <b>Frequency (MHz)</b>                        | 835.000000 |
| <b>Relative permittivity (real part)</b>      | 40.534712  |
| <b>Relative permittivity (imaginary part)</b> | 21.274156  |
| <b>Conductivity (S/m)</b>                     | 0.924581   |
| <b>Variation (%)</b>                          | 0.120000   |

## SURFACE SAR



## VOLUME SAR

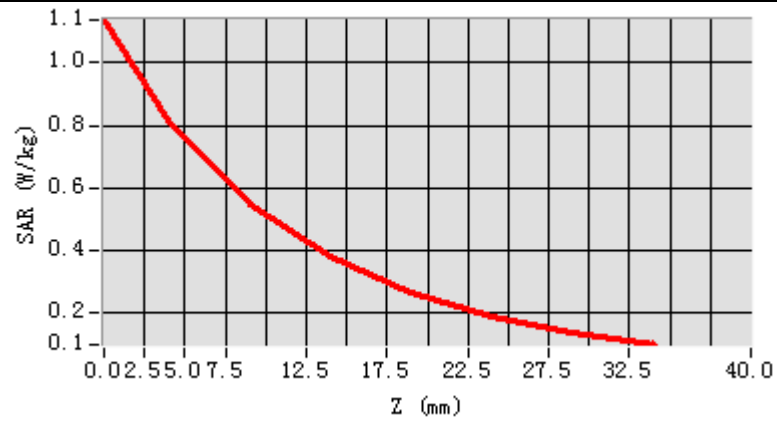


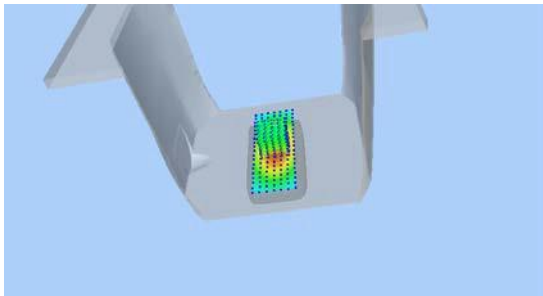
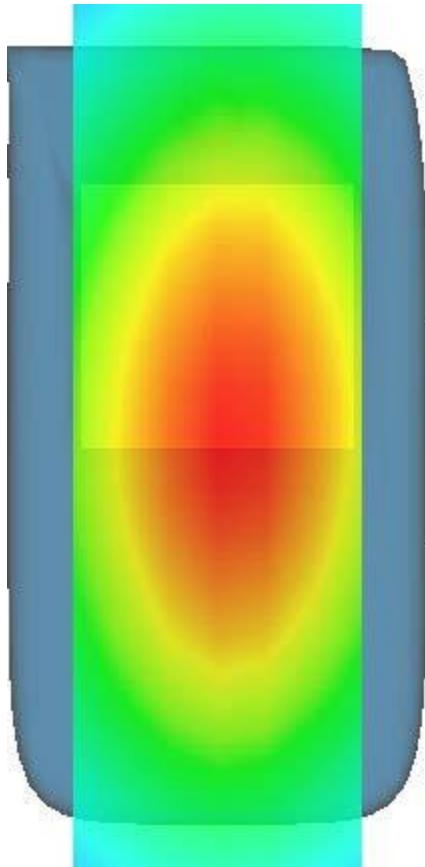
**Maximum location: X=-1.00, Y=0.00**

**SAR Peak: 1.44 W/kg**

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

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



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 3

Type: Validation measurement (Complete)

Date of measurement: 17/11/2024

Measurement duration: 11 minutes 22 seconds

### A. Experimental conditions.

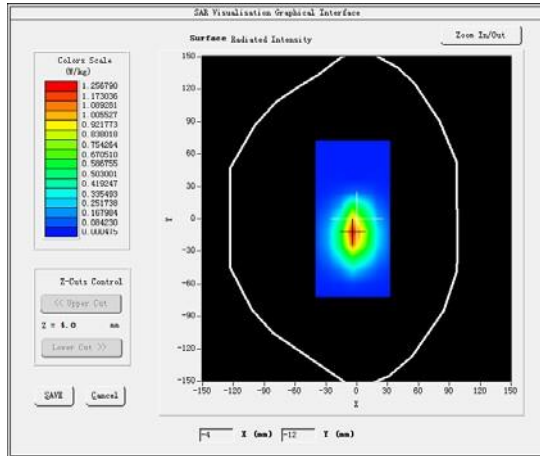
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>   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

### B. SAR Measurement Results

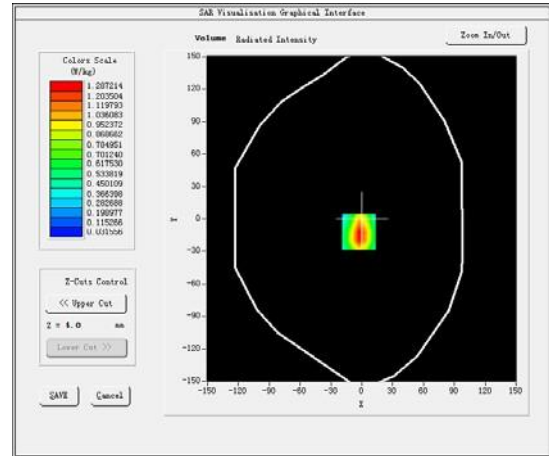
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 1800.000000 |
| <b>Relative permittivity (real part)</b>      | 40.312505   |
| <b>Relative permittivity (imaginary part)</b> | 15.293284   |
| <b>Conductivity (S/m)</b>                     | 1.374256    |
| <b>Variation (%)</b>                          | -0.410000   |

## SURFACE SAR



## VOLUME SAR

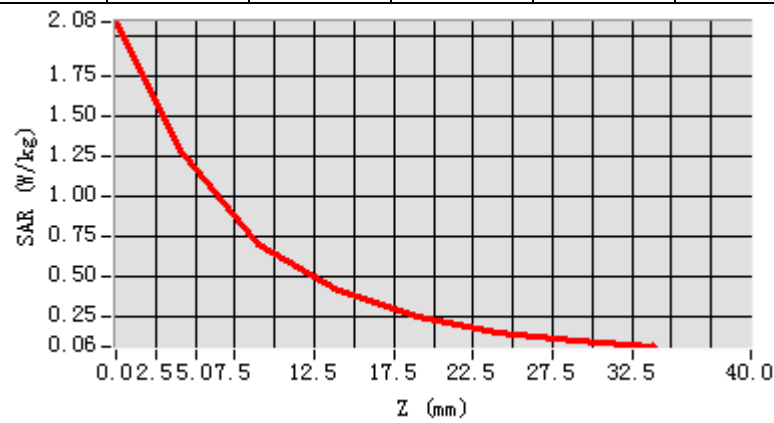


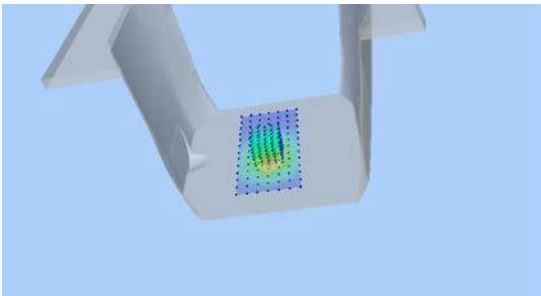
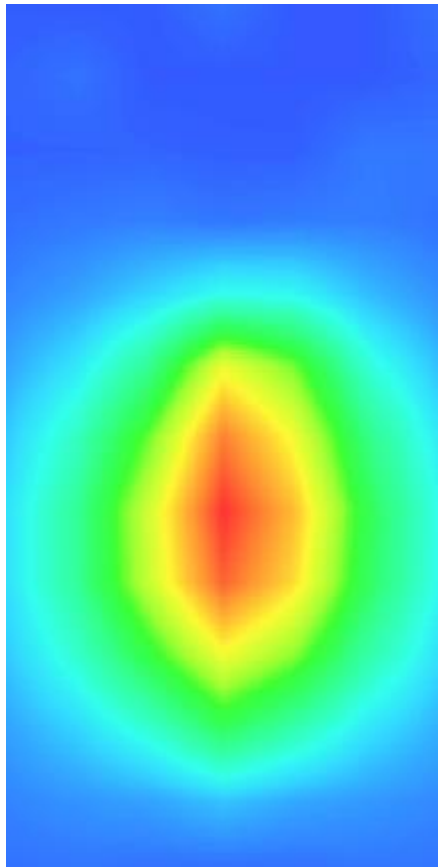
**Maximum location: X=-0.00, Y=-0.00**

**SAR Peak: 7.72 W/kg**

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

| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 7.7941 | 4.9087 | 2.6873 | 1.5154 | 0.8724 | 0.5075 | 0.2958 |



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 4

Type: Validation measurement (Complete)

Date of measurement: 21/11/2024

Measurement duration: 14 minutes 21 seconds

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

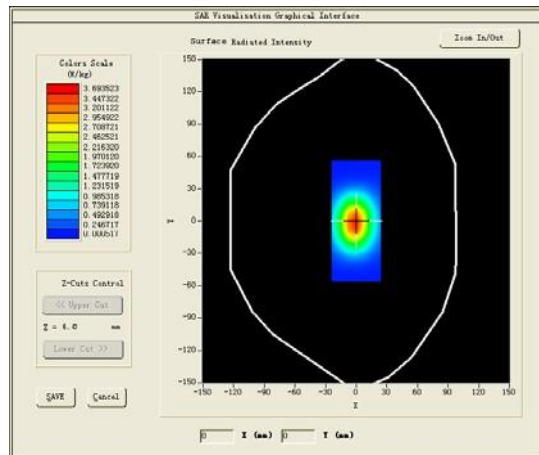
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>   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

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

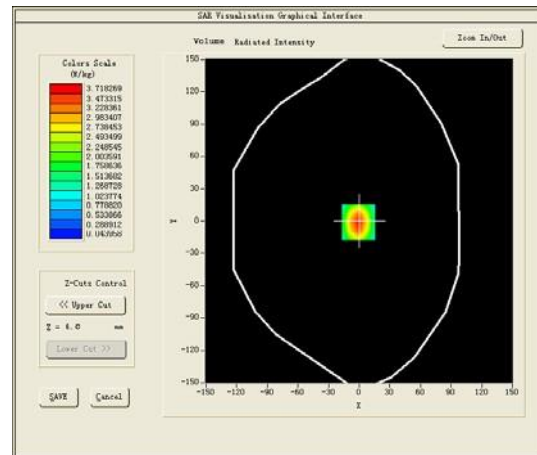
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 1900.000000 |
| <b>Relative permittivity (real part)</b>      | 38.842045   |
| <b>Relative permittivity (imaginary part)</b> | 14.936524   |
| <b>Conductivity (S/m)</b>                     | 1.432741    |
| <b>Variation (%)</b>                          | -0.450000   |

## SURFACE SAR



## VOLUME SAR

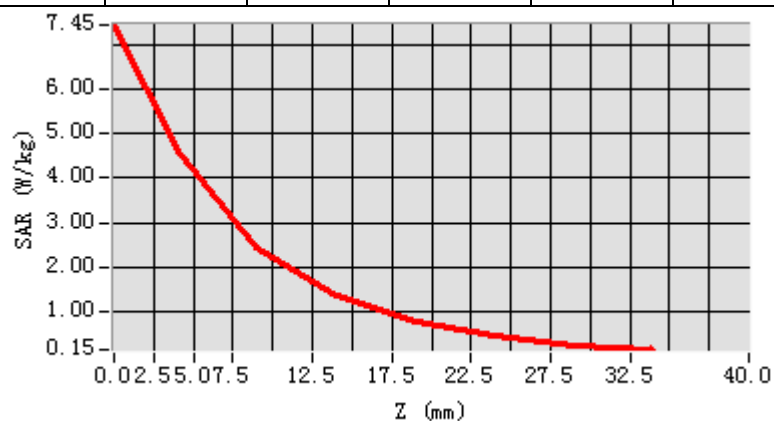


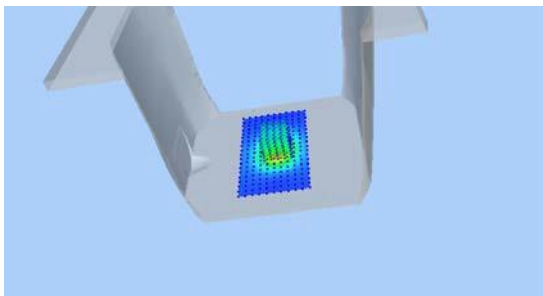
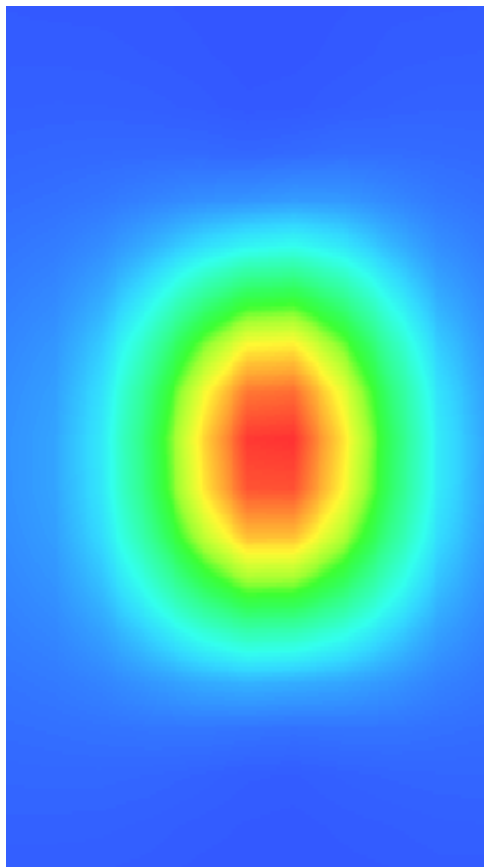
**Maximum location: X=1.00, Y=-1.00**

**SAR Peak: 7.40 W/kg**

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

| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 5.7034 | 3.7183 | 2.1347 | 1.2560 | 0.7338 | 0.4260 | 0.2429 |



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 5

Type: Validation measurement (Complete)

Date of measurement: 25/11/2024

Measurement duration: 13 minutes 46 seconds

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

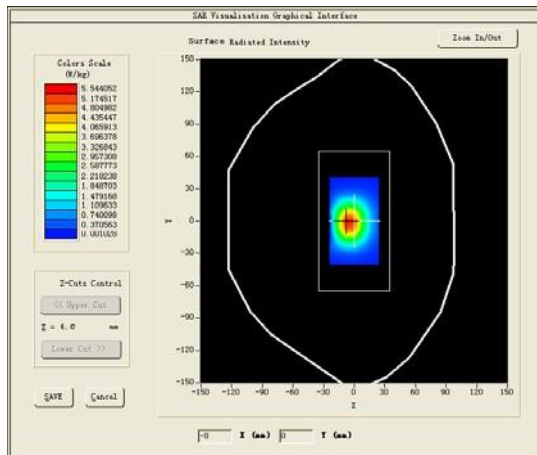
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>   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

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

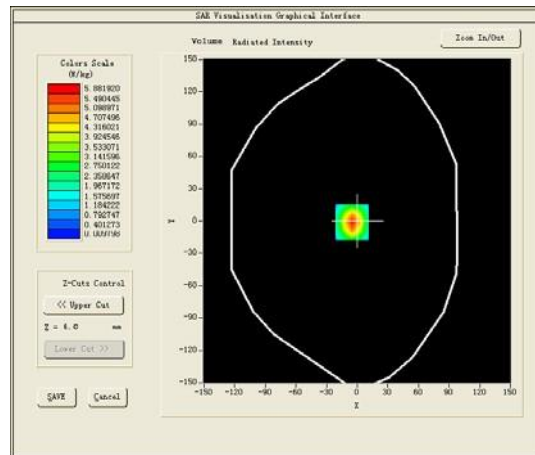
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 2450.000000 |
| <b>Relative permittivity (real part)</b>      | 40.269142   |
| <b>Relative permittivity (imaginary part)</b> | 14.039240   |
| <b>Conductivity (S/m)</b>                     | 1.82349     |
| <b>Variation (%)</b>                          | 0.390000    |

## SURFACE SAR



## VOLUME SAR

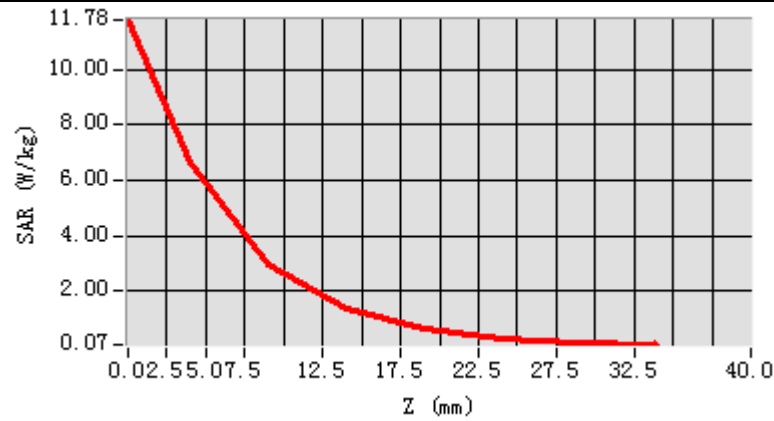


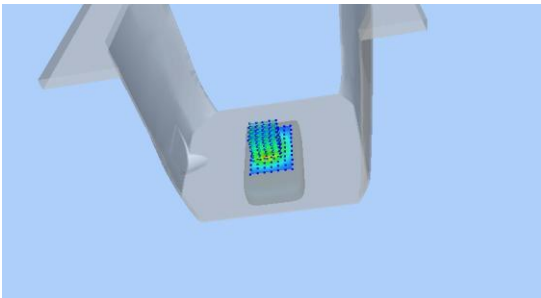
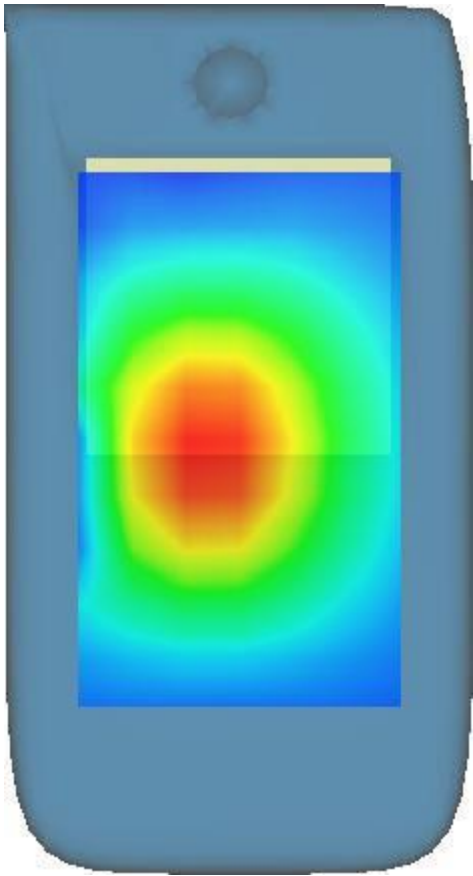
**Maximum location: X=5.00, Y=-1.00**

**SAR Peak: 10.96 W/kg**

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

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



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 6

Type: Validation measurement (Complete)

Date of measurement: 29/11/2024

Measurement duration: 27 minutes 33 seconds

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

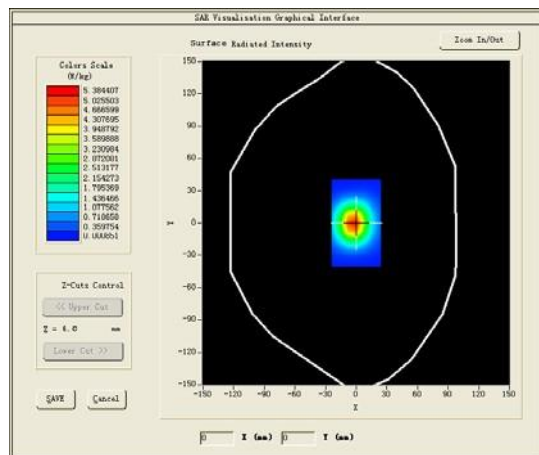
|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                 |
| <b><u>ZoomScan</u></b>        |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

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

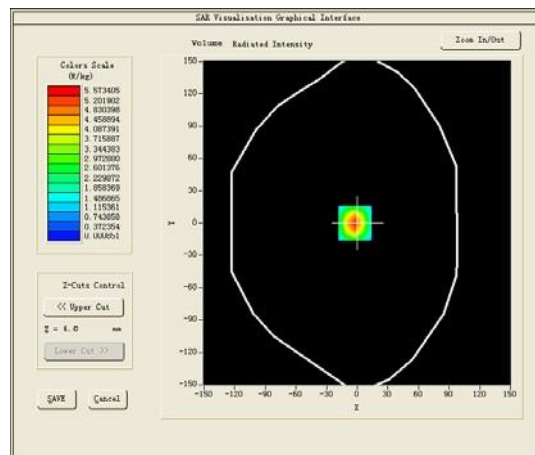
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 2600.000000 |
| <b>Relative permittivity (real part)</b>      | 39.871280   |
| <b>Relative permittivity (imaginary part)</b> | 18.742216   |
| <b>Conductivity (S/m)</b>                     | 1.943201    |
| <b>Variation (%)</b>                          | 0.250000    |

## SURFACE SAR



## VOLUME SAR

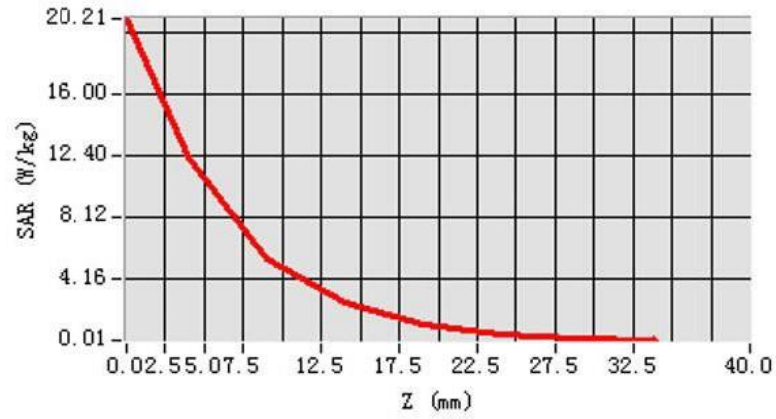


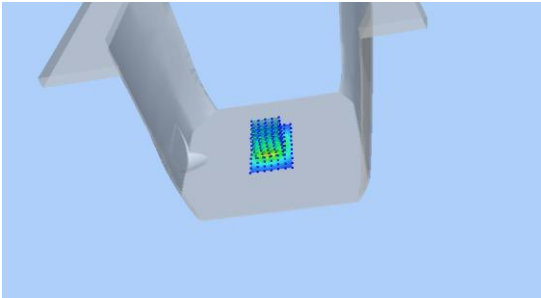
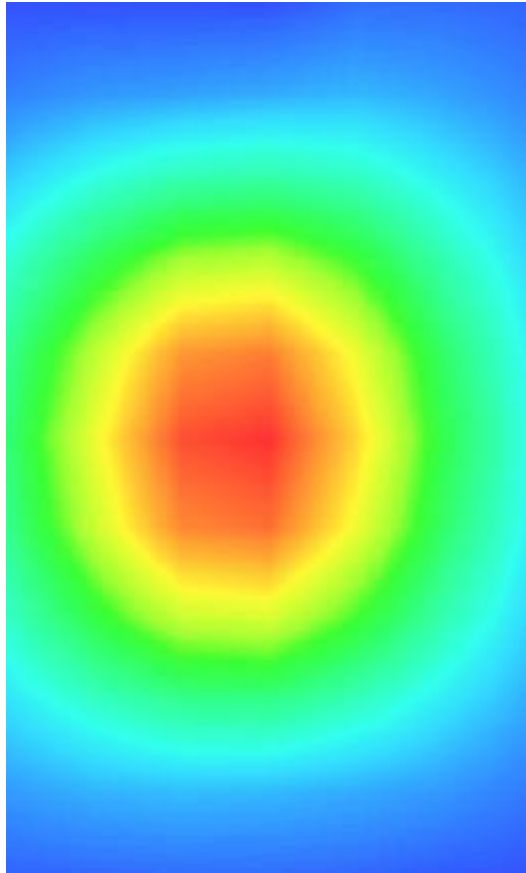
**Maximum location: X=-2.00, Y=0.00**

**SAR Peak: 9.73 W/kg**

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

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



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 7

Type: Validation measurement (Complete)

Date of measurement: 03/12/2024

Measurement duration: 11 minutes 54 seconds

### C. Experimental conditions.

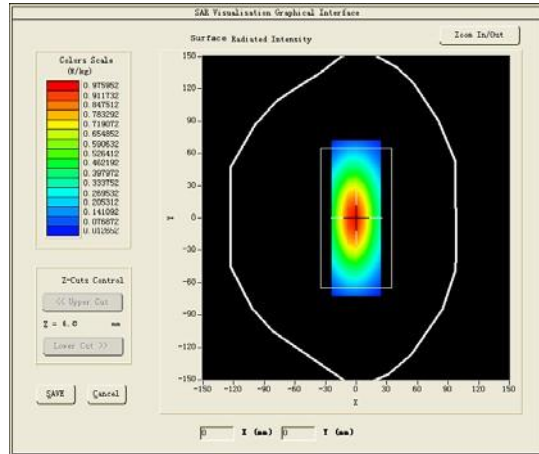
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>        | <u>5x5x7, dx=8mm dy=8mm</u><br><u>dz=5mm, Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                                |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                          |
| <b><u>Band</u></b>            | <u>CW3500</u>                                          |
| <b><u>Channels</u></b>        | <u>Middle</u>                                          |
| <b><u>Signal</u></b>          | <u>CW (Crest factor: 1.0)</u>                          |

### D. SAR Measurement Results

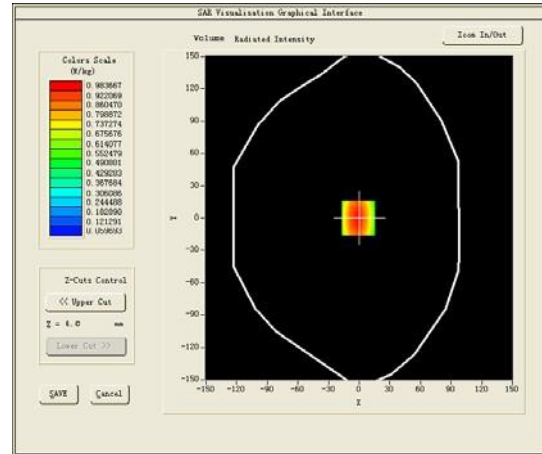
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 3500.000000 |
| <b>Relative permittivity (real part)</b>      | 38.202704   |
| <b>Relative permittivity (imaginary part)</b> | 14.242830   |
| <b>Conductivity (S/m)</b>                     | 2.943439    |
| <b>Variation (%)</b>                          | -0.040000   |

## SURFACE SAR



## VOLUME SAR

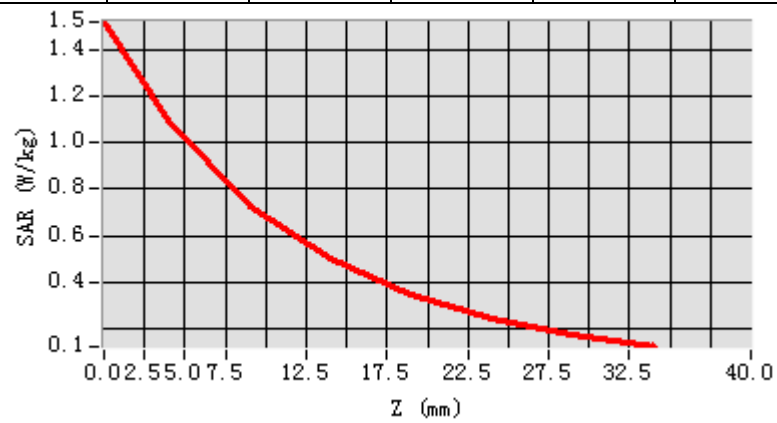


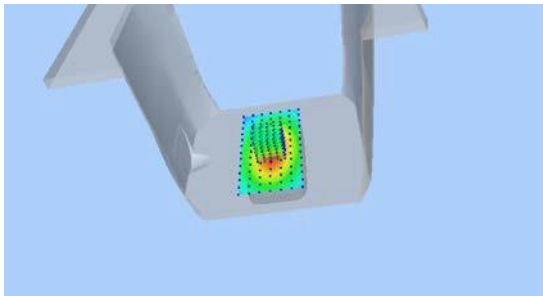
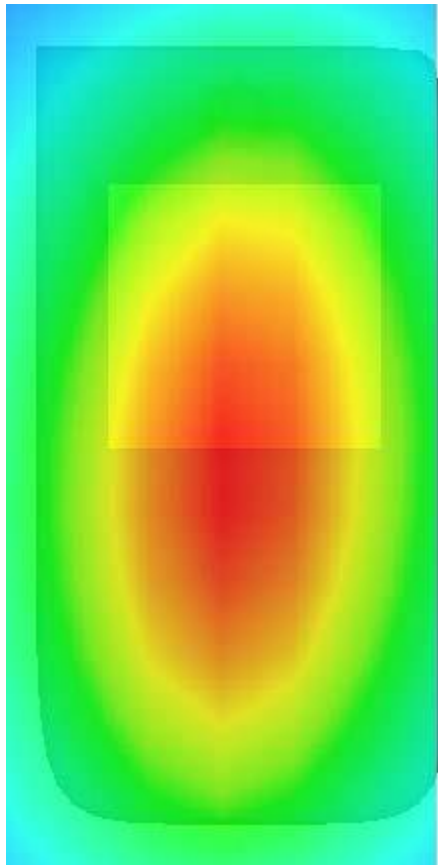
**Maximum location: X=-1.00, Y=-2.00**

**SAR Peak: 9.07 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 2.435370 |
| <b>SAR 1g (W/Kg)</b>  | 6.309255 |

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



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 8

Type: Validation measurement (Complete)

Date of measurement: 08/12/2024

Measurement duration: 11 minutes 54 seconds

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

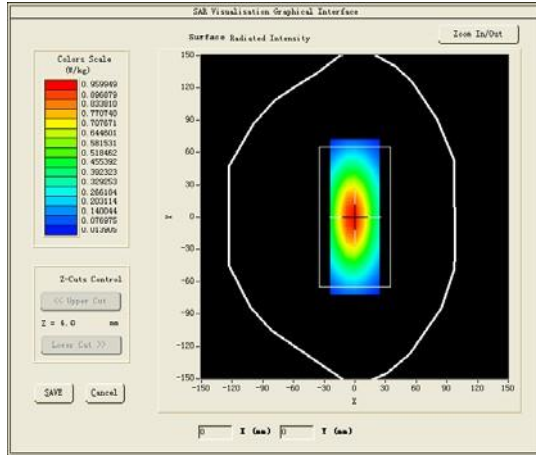
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=8mm dy=8mm</u>                                   |
| <b><u>ZoomScan</u></b>        | <u>5x5x7, dx=8mm dy=8mm</u><br><u>dz=5mm, Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                                |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                          |
| <b><u>Band</u></b>            | <u>CW3700</u>                                          |
| <b><u>Channels</u></b>        | <u>Middle</u>                                          |
| <b><u>Signal</u></b>          | <u>CW (Crest factor: 1.0)</u>                          |

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

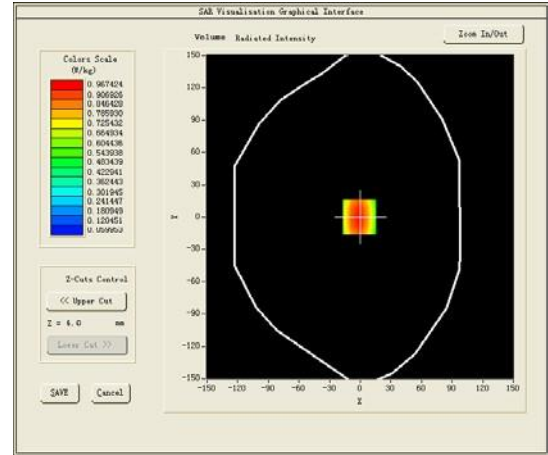
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 3700.000000 |
| <b>Relative permittivity (real part)</b>      | 38.327847   |
| <b>Relative permittivity (imaginary part)</b> | 15.008698   |
| <b>Conductivity (S/m)</b>                     | 3.162504    |
| <b>Variation (%)</b>                          | 2.580000    |

## SURFACE SAR



## VOLUME SAR

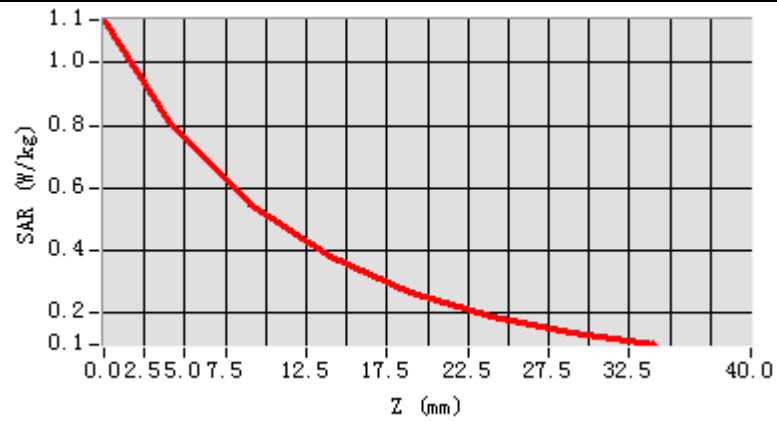


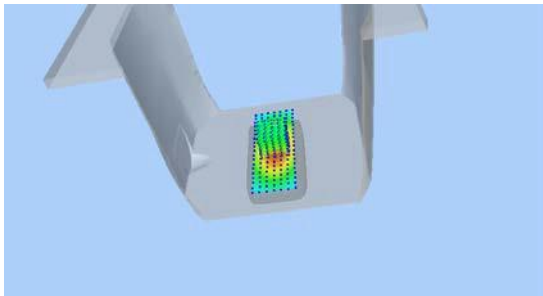
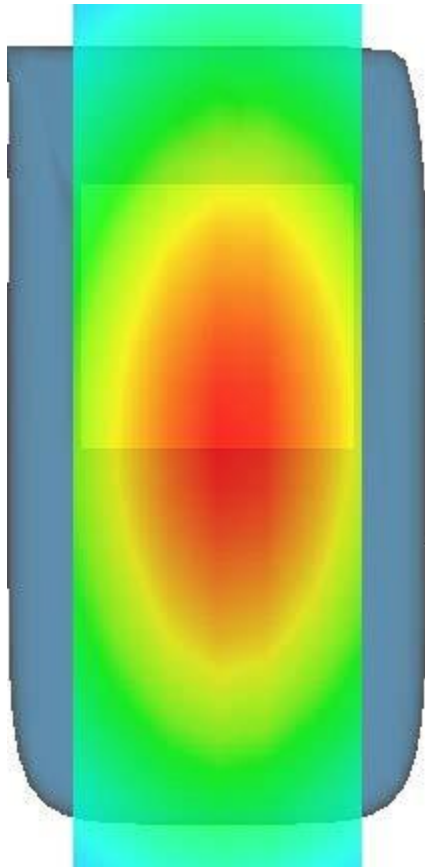
**Maximum location: X=-1.00, Y=0.00**

**SAR Peak: 8.14 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 2.374358 |
| <b>SAR 1g (W/Kg)</b>  | 6.269164 |

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



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 9

Type: Validation measurement (Complete)

Date of measurement: 12/12/2024

Measurement duration: 27 minutes 45 seconds

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

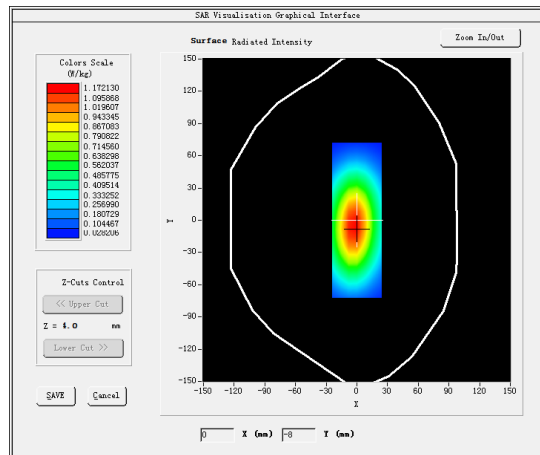
|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=10mm dy=10mm</u>                               |
| <b><u>ZoomScan</u></b>        | <u>8x8x7,dx=4mm dy=4mm</u><br><u>dz=2mm,Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                              |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                        |
| <b><u>Band</u></b>            | <u>CW5200</u>                                        |
| <b><u>Channels</u></b>        | <u>Middle</u>                                        |
| <b><u>Signal</u></b>          | <u>CW (Duty cycle:1:1)</u>                           |

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

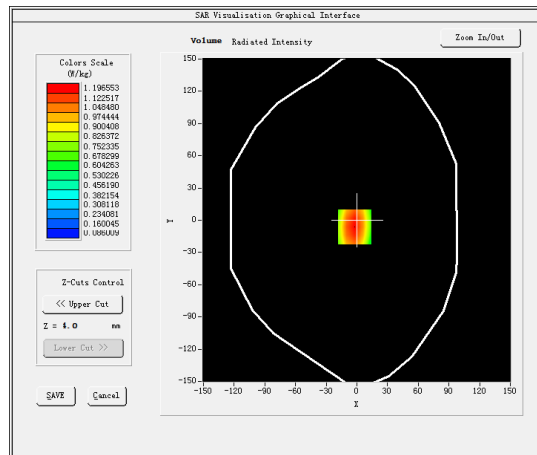
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 5200.000000 |
| <b>Relative permittivity (real part)</b>      | 35.622599   |
| <b>Relative permittivity (imaginary part)</b> | 18.202492   |
| <b>Conductivity (S/m)</b>                     | 4.524169    |
| <b>Variation (%)</b>                          | 0.270000    |

## SURFACE SAR



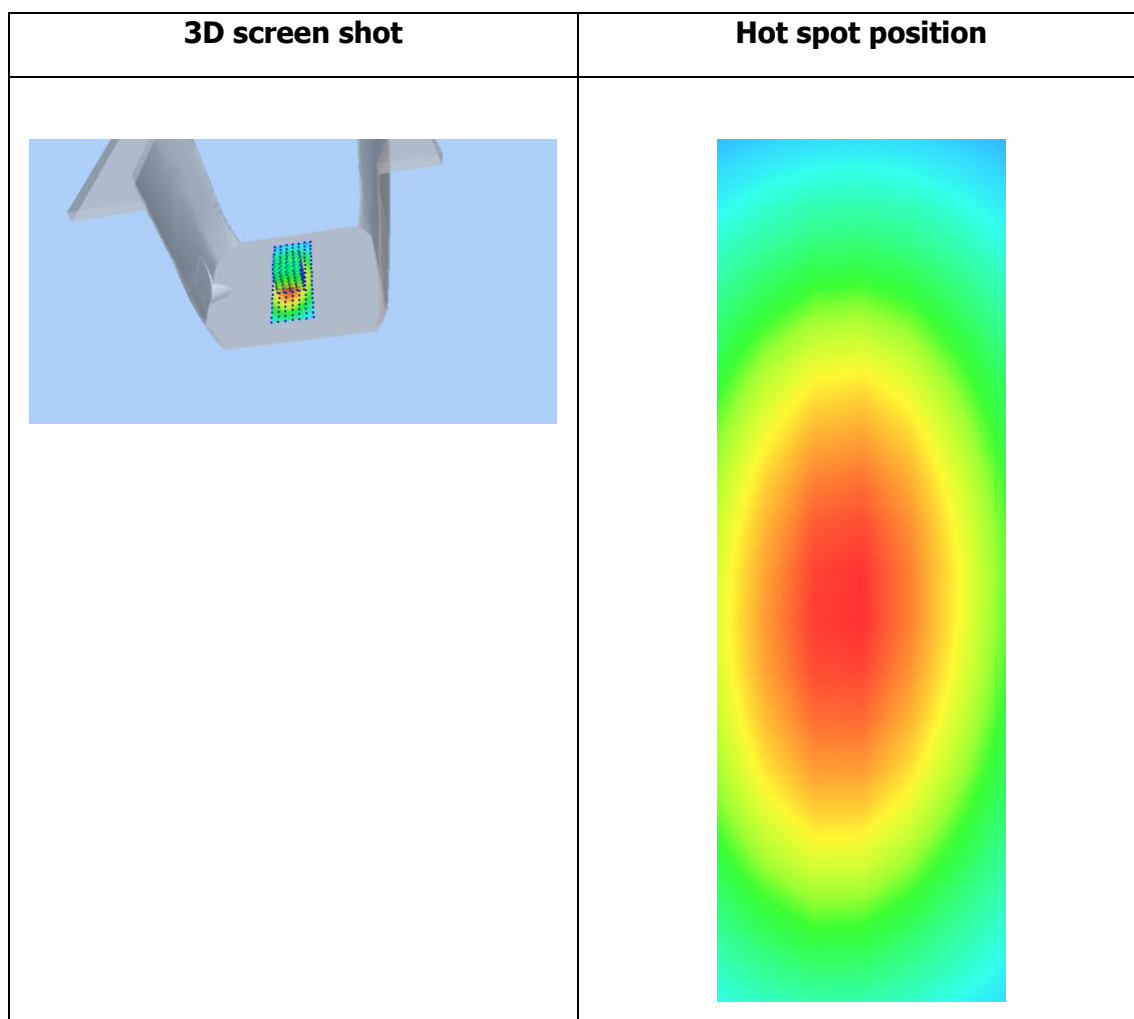
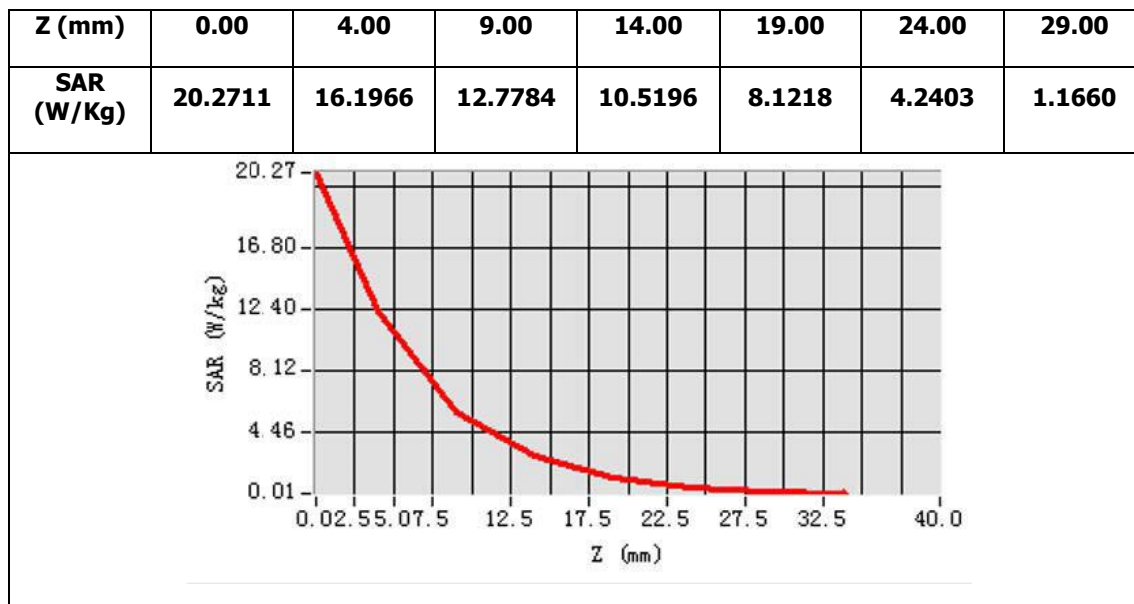
## VOLUME SAR



**Maximum location: X=-2.00, Y=-6.00**

**SAR Peak: 10.27 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 2.264061 |
| <b>SAR 1g (W/Kg)</b>  | 7.718314 |



## MEASUREMENT 10

Type: Validation measurement (Complete)

Date of measurement: 17/12/2024

Measurement duration: 29 minutes 31 seconds

### A. Experimental conditions.

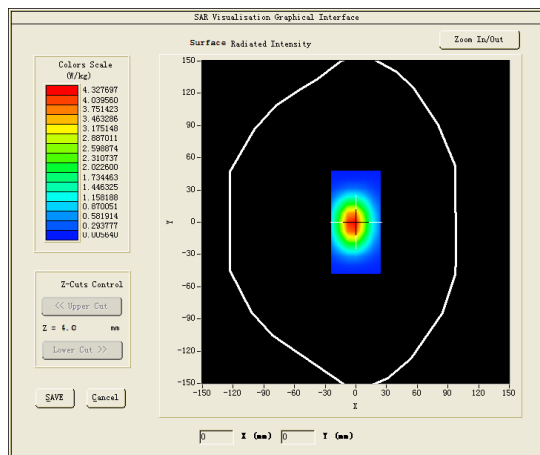
|                               |                                                |
|-------------------------------|------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=10mm dy=10mm</u>                         |
| <b><u>ZoomScan</u></b>        | <u>8x8x7,dx=4mm dy=4mm<br/>dz=2mm,Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                        |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                  |
| <b><u>Band</u></b>            | <u>CW5500</u>                                  |
| <b><u>Channels</u></b>        | <u>Middle</u>                                  |
| <b><u>Signal</u></b>          | <u>CW (Duty cycle:1:1)</u>                     |

### B. SAR Measurement Results

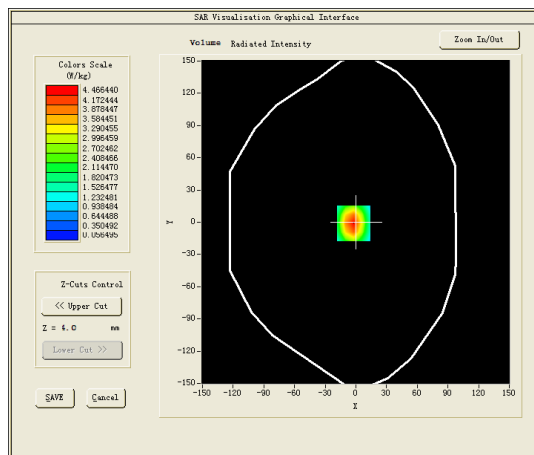
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 5500.000000 |
| <b>Relative permittivity (real part)</b>      | 36.114300   |
| <b>Relative permittivity (imaginary part)</b> | 18.167566   |
| <b>Conductivity (S/m)</b>                     | 5.024104    |
| <b>Variation (%)</b>                          | -0.350000   |

## SURFACE SAR



## VOLUME SAR

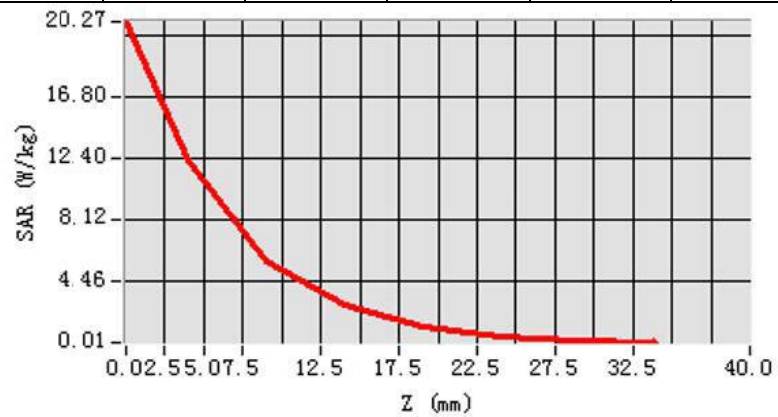


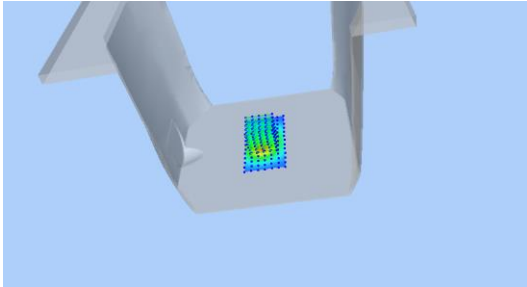
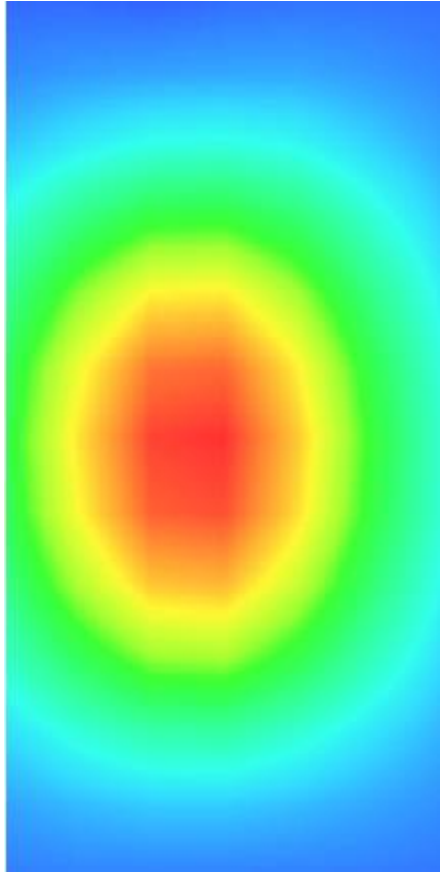
**Maximum location: X=-2.00, Y=-1.00**

**SAR Peak: 10.87 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 2.282155 |
| <b>SAR 1g (W/Kg)</b>  | 8.337029 |

| Z (mm)     | 0.00    | 4.00    | 9.00    | 14.00   | 19.00  | 24.00  | 29.00  |
|------------|---------|---------|---------|---------|--------|--------|--------|
| SAR (W/Kg) | 20.2697 | 16.4664 | 12.4603 | 10.3992 | 6.7963 | 4.4560 | 1.2601 |



| 3D screen shot                                                                      | Hot spot position                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |

## MEASUREMENT 11

Type: Validation measurement (Complete)

Date of measurement: 20/12/2024

Measurement duration: 31 minutes 30 seconds

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

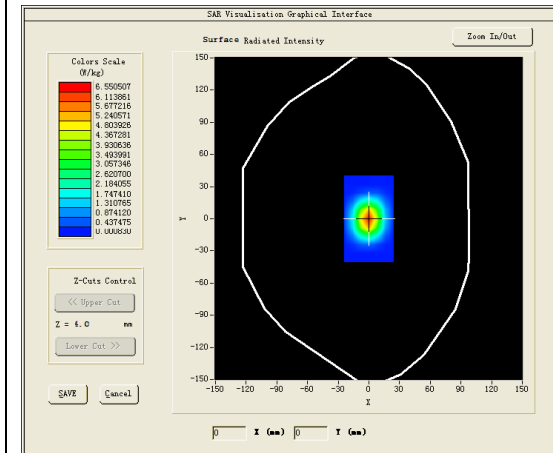
|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| <b><u>Area Scan</u></b>       | <u>dx=10mm dy=10mm</u>                               |
| <b><u>ZoomScan</u></b>        | <u>8x8x7,dx=4mm dy=4mm</u><br><u>dz=2mm,Complete</u> |
| <b><u>Phantom</u></b>         | <u>Validation plane</u>                              |
| <b><u>Device Position</u></b> | <u>Dipole</u>                                        |
| <b><u>Band</u></b>            | <u>CW5800</u>                                        |
| <b><u>Channels</u></b>        | <u>Middle</u>                                        |
| <b><u>Signal</u></b>          | <u>CW (Duty cycle:1:1)</u>                           |

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

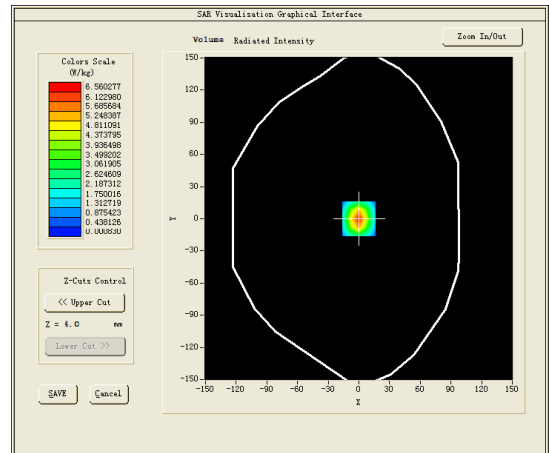
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 5800.000000 |
| <b>Relative permittivity (real part)</b>      | 34.633851   |
| <b>Relative permittivity (imaginary part)</b> | 19.038417   |
| <b>Conductivity (S/m)</b>                     | 5.163402    |
| <b>Variation (%)</b>                          | 0.010000    |

## SURFACE SAR



## VOLUME SAR

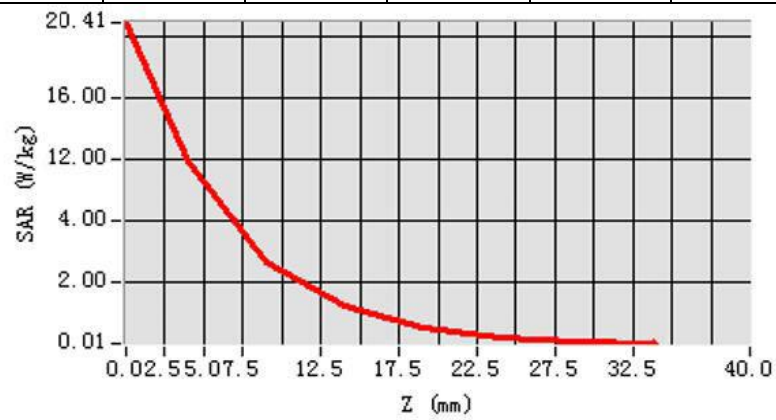


**Maximum location: X=0.00, Y=0.00**

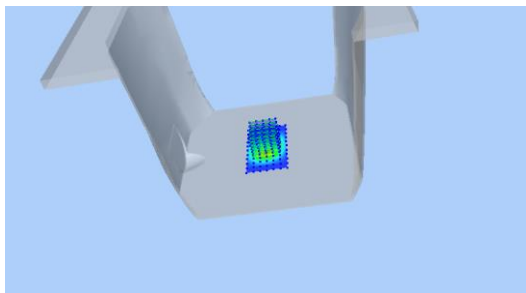
**SAR Peak: 9.41 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 2.080196 |
| <b>SAR 1g (W/Kg)</b>  | 7.965831 |

| Z (mm)     | 0.00    | 4.00    | 9.00    | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|---------|---------|---------|--------|--------|--------|--------|
| SAR (W/Kg) | 20.4140 | 16.5603 | 12.8797 | 8.2004 | 4.4226 | 2.1066 | 1.0008 |



**3D screen shot**



**Hot spot position**

