

|                                                                                   |                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | <b>Annex A: System Check</b>                              |
|                                                                                   | <b>Tested Model : T16MA</b>                               |
|                                                                                   | <b>Report Number:<br/>WSCT-A2LA-R&amp;E240300013A-SAR</b> |

## MEASUREMENT 1

### BODY

Type: Validation measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 10 minutes 43 seconds

### A. Experimental conditions.

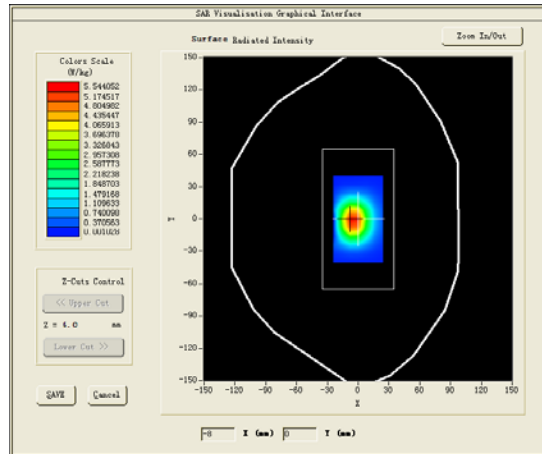
|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <u>Area Scan</u>       | <u>dx=8mm dy=8mm</u>                                   |
| <u>ZoomScan</u>        | <u>5x5x7, dx=8mm dy=8mm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

### B. SAR Measurement Results

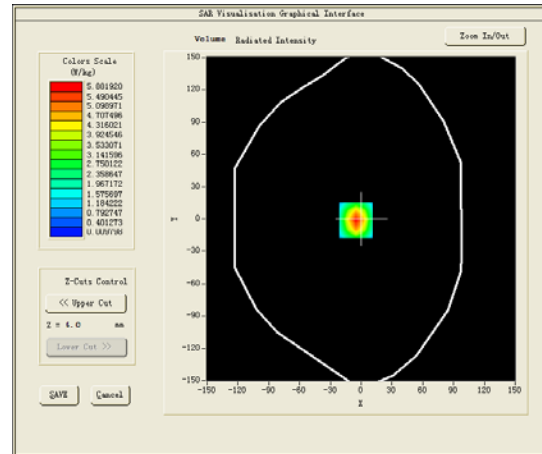
Middle Band SAR (Channel -1):

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

## SURFACE SAR



## VOLUME SAR

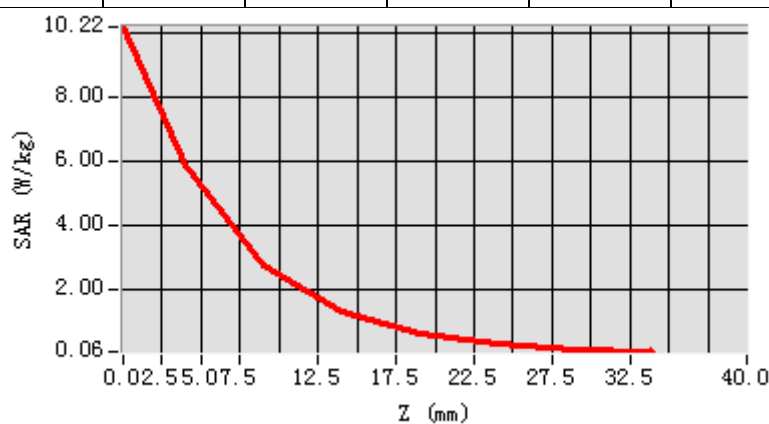


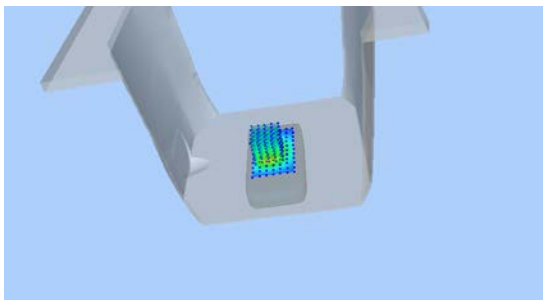
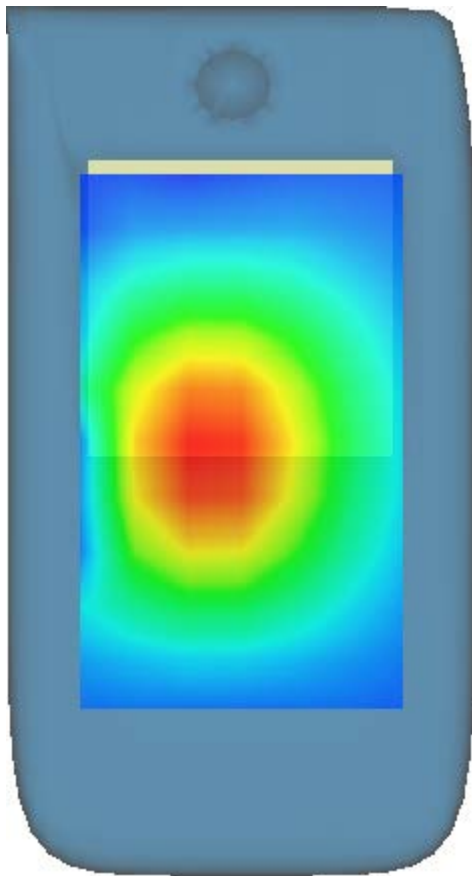
Maximum location: X=-5.00, Y=-1.00

SAR Peak: 10.96 W/kg

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 2.265453 |
| SAR 1g (W/Kg)  | 5.363343 |

| 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 2

BODY

Type: Validation measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 27 minutes 45 seconds

### A. Experimental conditions.

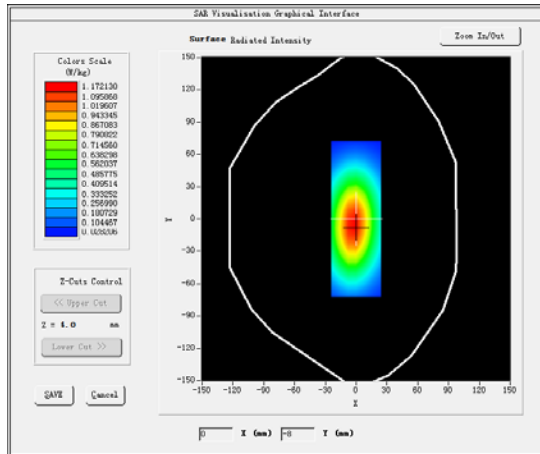
|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <u>Area Scan</u>       | <u>dx=10mm dy=10mm</u>                                 |
| <u>ZoomScan</u>        | <u>8x8x7, dx=4mm dy=4mm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

### B. SAR Measurement Results

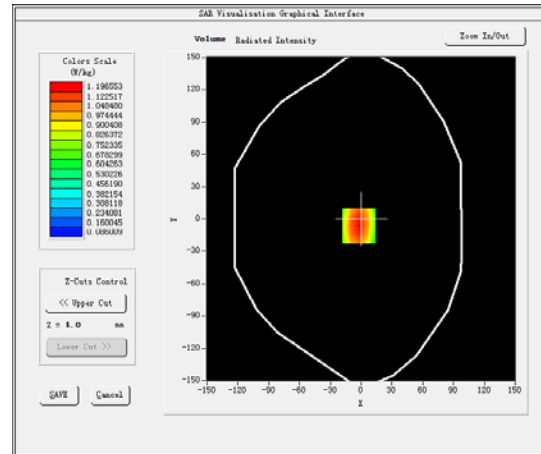
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 5200.000000 |
| <b>Relative permittivity (real part)</b>      | 50.422599   |
| <b>Relative permittivity (imaginary part)</b> | 18.202492   |
| <b>Conductivity (S/m)</b>                     | 5.26371     |
| <b>Variation (%)</b>                          | 0.270000    |

## SURFACE SAR



## VOLUME SAR

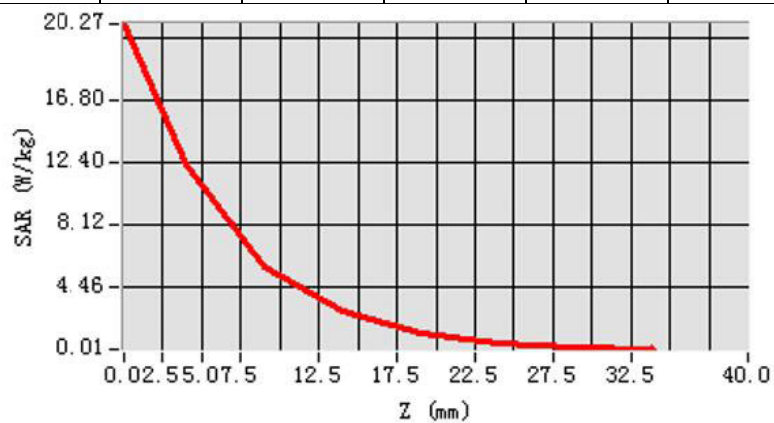


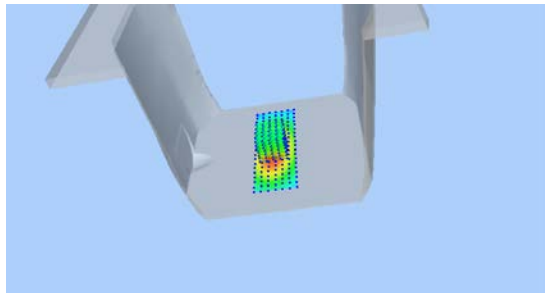
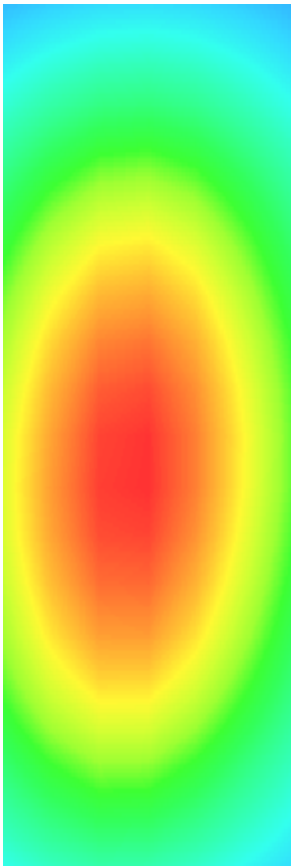
Maximum location: X=-2.00, Y=-6.00

SAR Peak: 20.27 W/kg

|                |            |
|----------------|------------|
| SAR 10g (W/Kg) | 5.964061   |
| SAR 1g (W/Kg)  | 16.7183141 |

| Z (mm)     | 0.00    | 4.00    | 9.00    | 14.00   | 19.00  | 24.00  | 29.00  |
|------------|---------|---------|---------|---------|--------|--------|--------|
| SAR (W/Kg) | 20.2711 | 16.1966 | 12.7784 | 10.5196 | 8.1218 | 4.2403 | 1.1660 |



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

## MEASUREMENT 3

BODY

Type: Validation measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 29 minutes 31 seconds

### A. Experimental conditions.

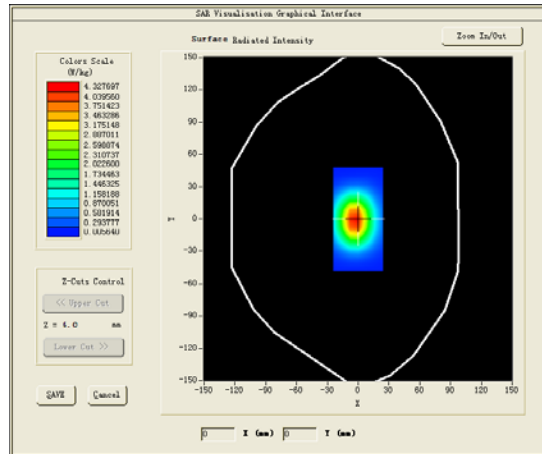
|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <u>Area Scan</u>       | <u>dx=10mm dy=10mm</u>                                 |
| <u>ZoomScan</u>        | <u>8x8x7, dx=4mm dy=4mm</u><br><u>dz=2mm, Complete</u> |
| <u>Phantom</u>         | <u>Validation plane</u>                                |
| <u>Device Position</u> | <u>Waveguide</u>                                       |
| <u>Band</u>            | <u>CW5300</u>                                          |
| <u>Channels</u>        | <u>Middle</u>                                          |
| <u>Signal</u>          | <u>CW (Duty cycle:1:1)</u>                             |

### B. SAR Measurement Results

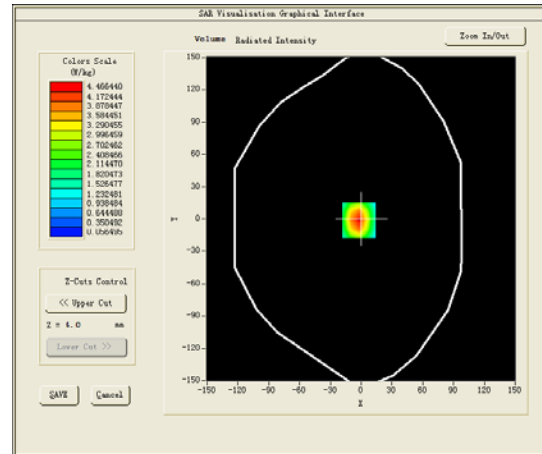
Middle Band SAR (Channel -1):

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Frequency (MHz)</b>                        | 5300.000000 |
| <b>Relative permittivity (real part)</b>      | 47.944300   |
| <b>Relative permittivity (imaginary part)</b> | 18.167566   |
| <b>Conductivity (S/m)</b>                     | 5.353919    |
| <b>Variation (%)</b>                          | -0.350000   |

## SURFACE SAR



## VOLUME SAR

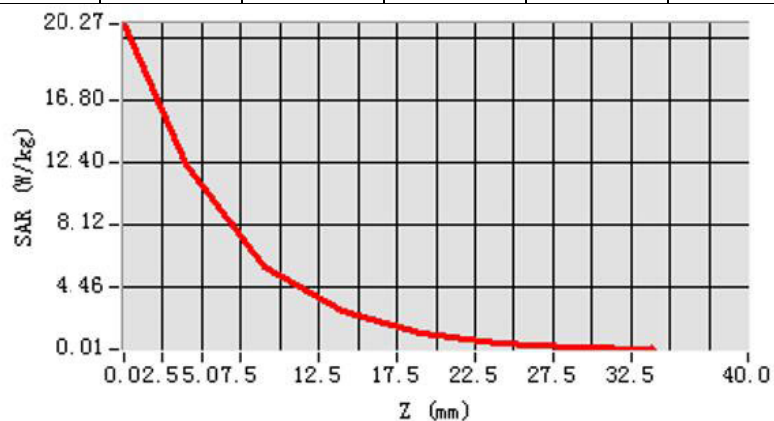


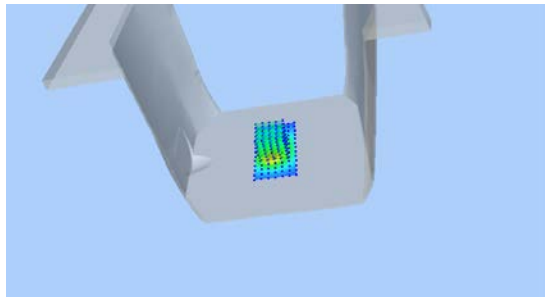
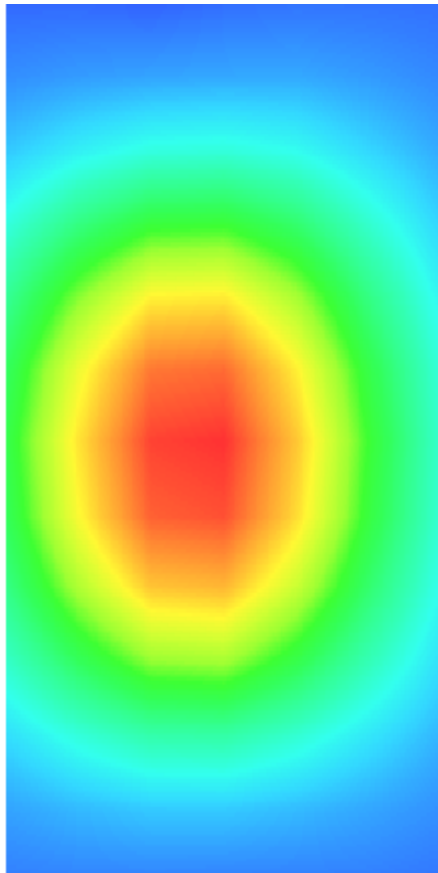
Maximum location: X=-2.00, Y=-1.00

SAR Peak: 20.27 W/kg

|                |           |
|----------------|-----------|
| SAR 10g (W/Kg) | 5.882155  |
| SAR 1g (W/Kg)  | 16.537029 |

| 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 4

BODY

Type: Validation measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 31 minutes 30 seconds

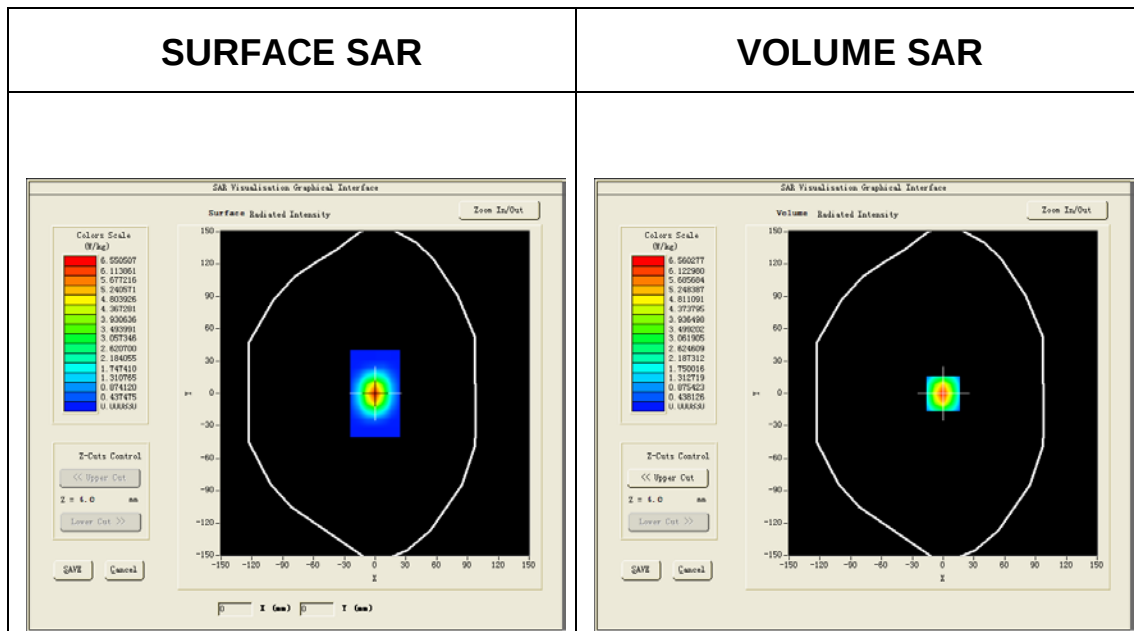
### A. Experimental conditions.

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <u>Area Scan</u>       | <u>dx=10mm dy=10mm</u>                                 |
| <u>ZoomScan</u>        | <u>8x8x7, dx=4mm dy=4mm</u><br><u>dz=2mm, Complete</u> |
| <u>Phantom</u>         | <u>Validation plane</u>                                |
| <u>Device Position</u> | <u>Waveguide</u>                                       |
| <u>Band</u>            | <u>CW5800</u>                                          |
| <u>Channels</u>        | <u>Middle</u>                                          |
| <u>Signal</u>          | <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>      | 48.090699   |
| <b>Relative permittivity (imaginary part)</b> | 19.043921   |
| <b>Conductivity (S/m)</b>                     | 6.14163     |
| <b>Variation (%)</b>                          | 0.010000    |



Maximum location: X=0.00, Y=0.00

SAR Peak: 20.41 W/kg

|                |           |
|----------------|-----------|
| SAR 10g (W/Kg) | 6.080196  |
| SAR 1g (W/Kg)  | 17.965831 |

| 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 |

