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Annex B: Measurement Results

Tested Model :T16MA

Report Number:

WSCT-A2LA-R&E240300013A-SAR

MEASUREMENT 1

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 11 minutes 11 seconds

A. Experimental conditions.

| | |
|------------------------|--|
| <u>Area Scan</u> | <u>dx=15mm dy=15mm</u> |
| <u>ZoomScan</u> | <u>7x7x7,dx=5mm dy=5mm dz=5mm,Complete</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>IEEE 802.11b ISM</u> |
| <u>Channels</u> | <u>Middle</u> |
| <u>Signal</u> | <u>IEEE802.b (Crest factor: 1.0)</u> |

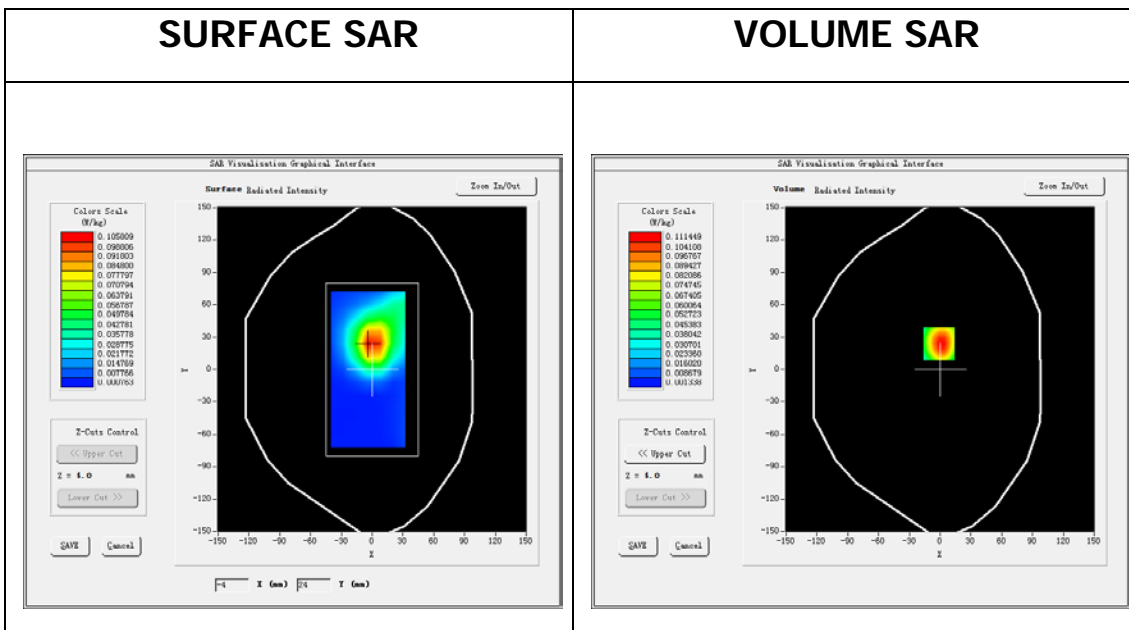
B. SAR Measurement Results

Middle Band SAR (Channel 6):

| | |
|---|-------------|
| Frequency (MHz) | 2437.000000 |
| Relative permittivity (real part) | 52.756401 |
| Relative permittivity (imaginary part) | 14.076200 |
| Conductivity (S/m) | 1.909671 |
| Variation (%) | 0.820000 |

SURFACE SAR

VOLUME SAR

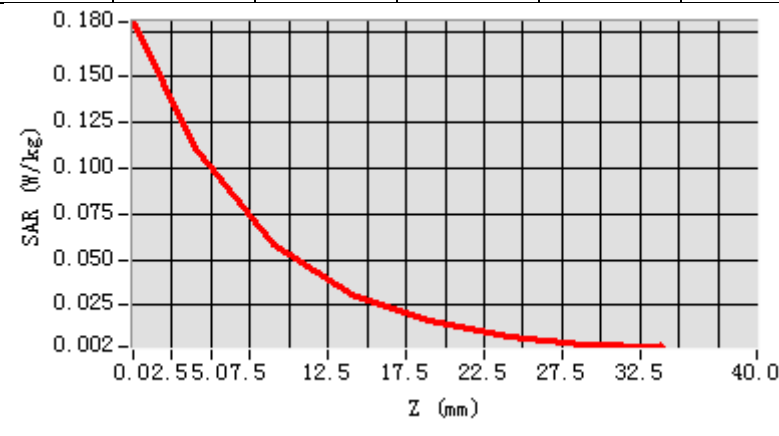


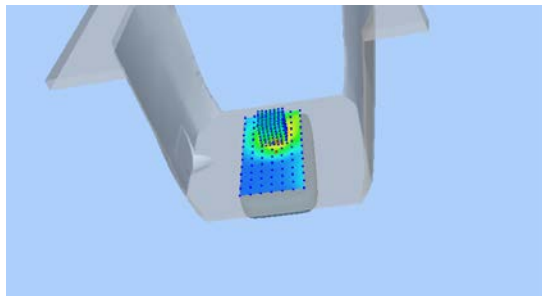
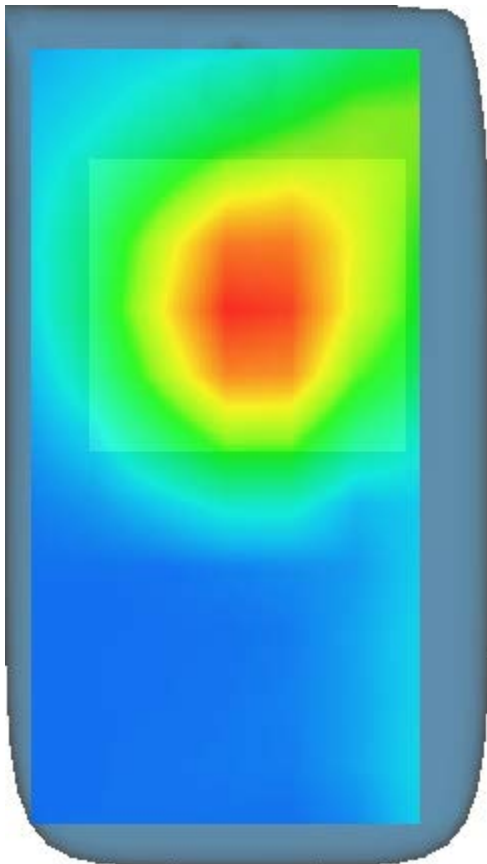
Maximum location: X=-1.00, Y=24.00

SAR Peak: 0.16 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.088365 |
| SAR 1g (W/Kg) | 0.165324 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.1801 | 0.1114 | 0.0587 | 0.0309 | 0.0161 | 0.0083 | 0.0040 |



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

MEASUREMENT 2

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 10 minutes 44 seconds

A. Experimental conditions.

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

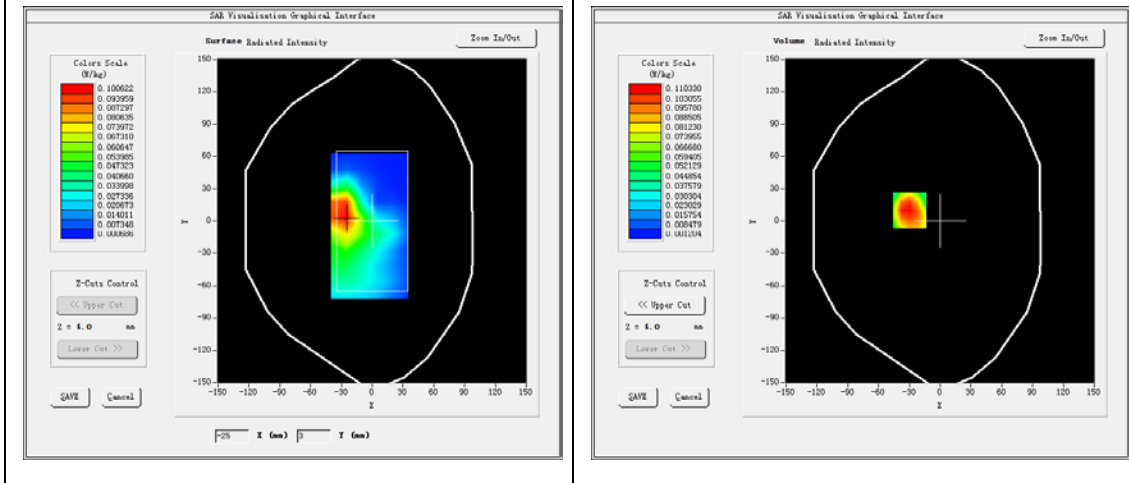
B. SAR Measurement Results

Lower Band SAR (Channel 46):

| | |
|---|-------------|
| Frequency (MHz) | 5230.000000 |
| Relative permittivity (real part) | 49.858526 |
| Relative permittivity (imaginary part) | 17.828438 |
| Conductivity (S/m) | 5.194532 |
| Variation (%) | -1.590000 |

SURFACE SAR

VOLUME SAR

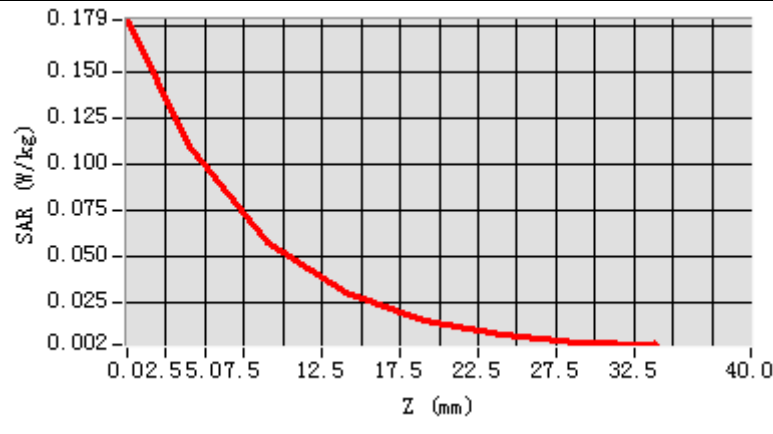


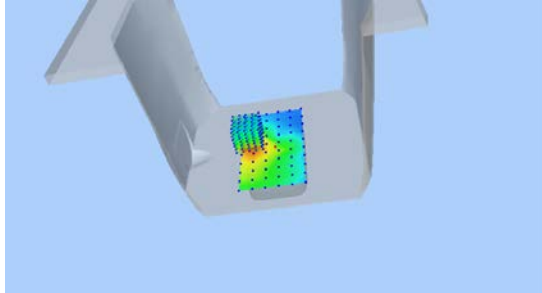
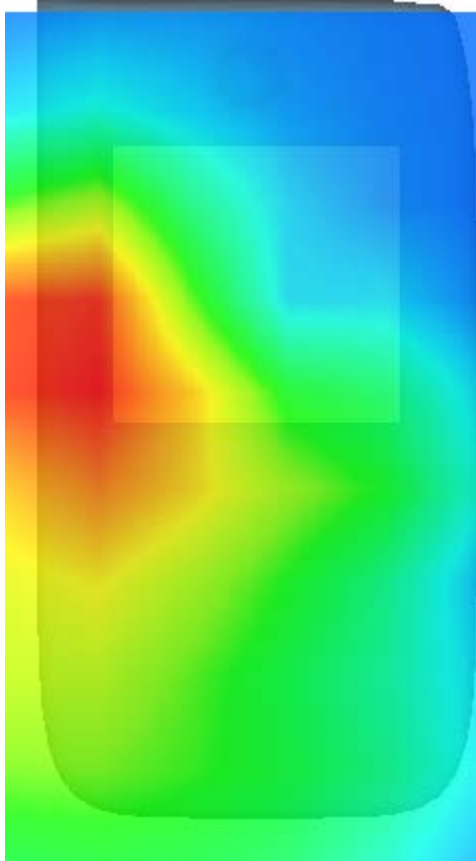
Maximum location: X=-30.00, Y=10.00

SAR Peak: 0.19 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.051034 |
| SAR 1g (W/Kg) | 0.115037 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.1788 | 0.1103 | 0.0576 | 0.0303 | 0.0156 | 0.0075 | 0.0040 |



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

MEASUREMENT 3

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 16 minutes 21 seconds

A. Experimental conditions.

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

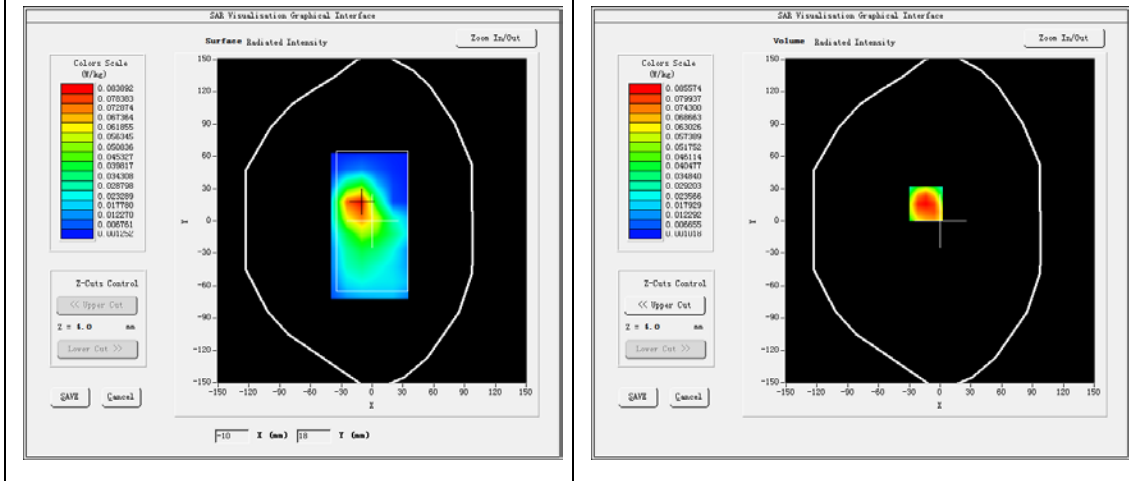
B. SAR Measurement Results

Middleer Band SAR (Channel 54):

| | |
|---|-------------|
| Frequency (MHz) | 5270.000000 |
| Relative permittivity (real part) | 48.139400 |
| Relative permittivity (imaginary part) | 19.154900 |
| Conductivity (S/m) | 6.205808 |
| Variation (%) | 3.690000 |

SURFACE SAR

VOLUME SAR

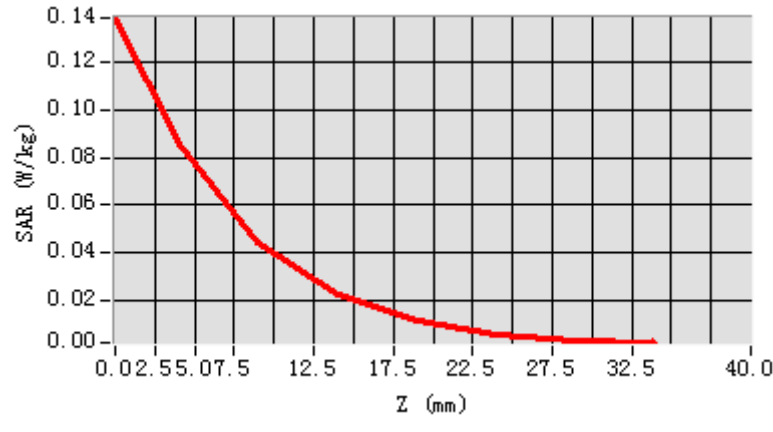


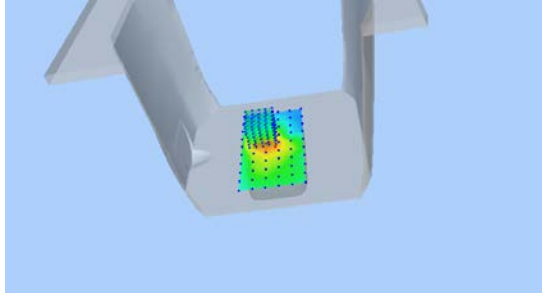
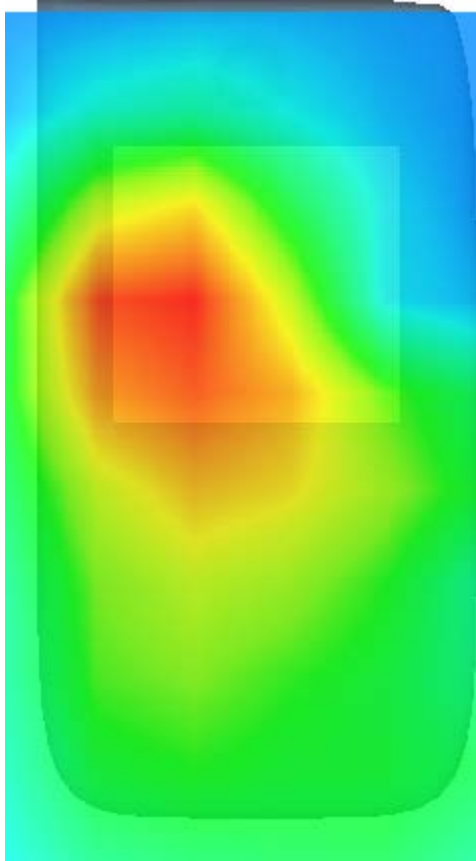
Maximum location: X=-14.00, Y=16.00

SAR Peak: 0.15 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.048350 |
| SAR 1g (W/Kg) | 0.104034 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.1388 | 0.0856 | 0.0441 | 0.0224 | 0.0109 | 0.0049 | 0.0027 |



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

MEASUREMENT 4

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 8 minutes 31 seconds

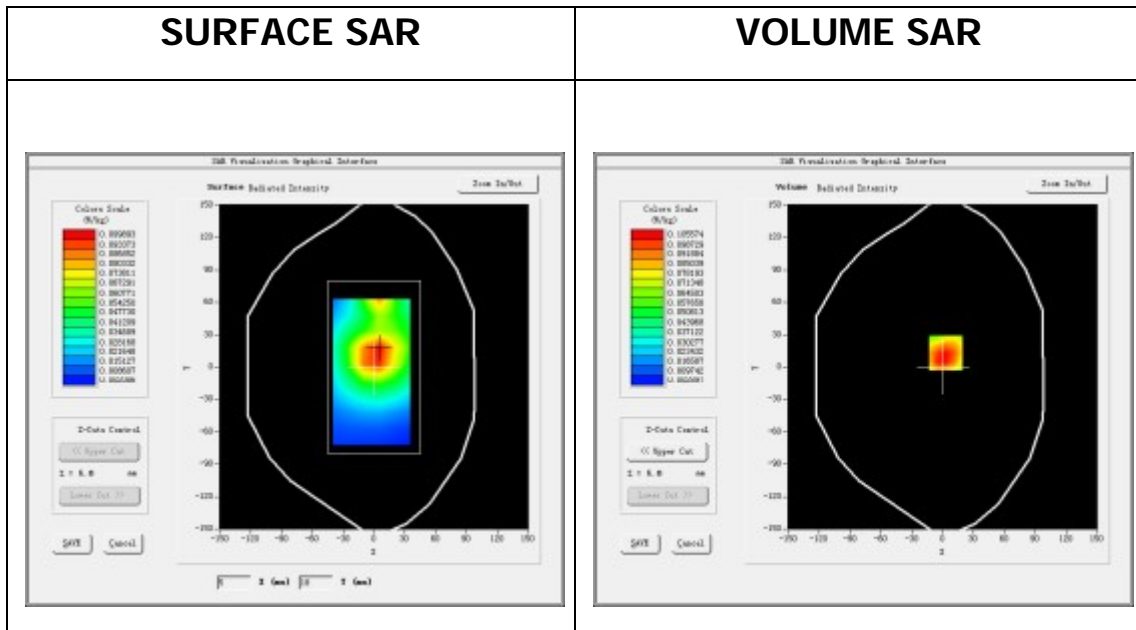
A. Experimental conditions.

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

B. SAR Measurement Results

Middleer Band SAR (Channel 122):

| | |
|---|-------------|
| Frequency (MHz) | 5610.000000 |
| Relative permittivity (real part) | 48.235748 |
| Relative permittivity (imaginary part) | 19.060800 |
| Conductivity (S/m) | 6.173560 |
| Variation (%) | 1.250000 |

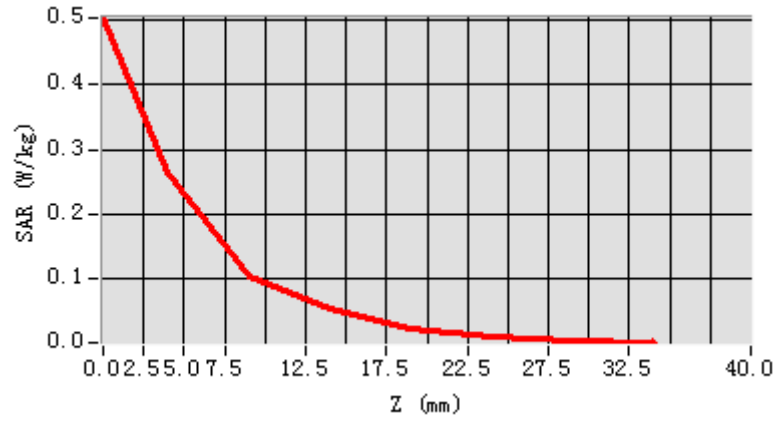


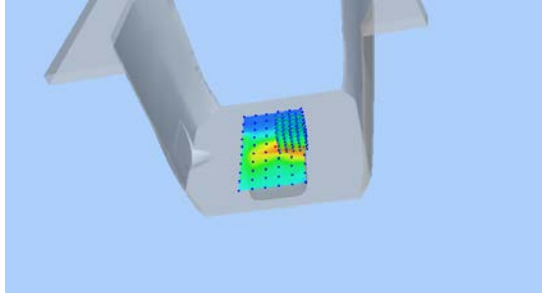
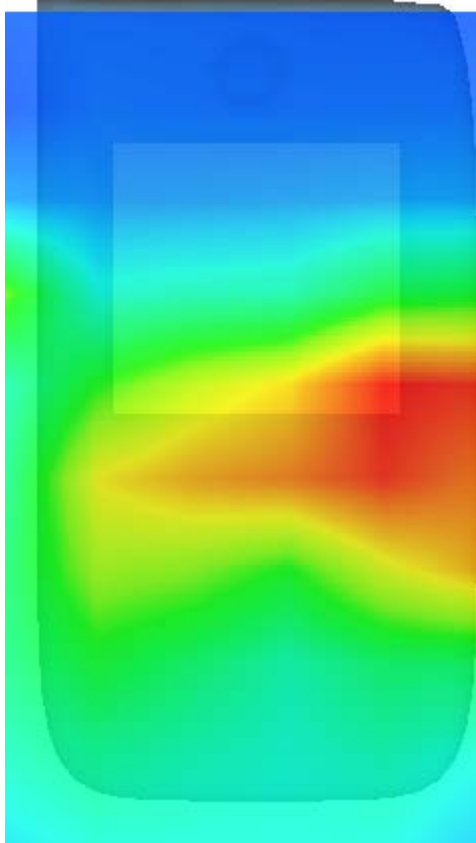
Maximum location: X=3.00, Y=13.00

SAR Peak: 0.17 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.066370 |
| SAR 1g (W/Kg) | 0.137204 |

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



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

MEASUREMENT 5

Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 8 minutes 31 seconds

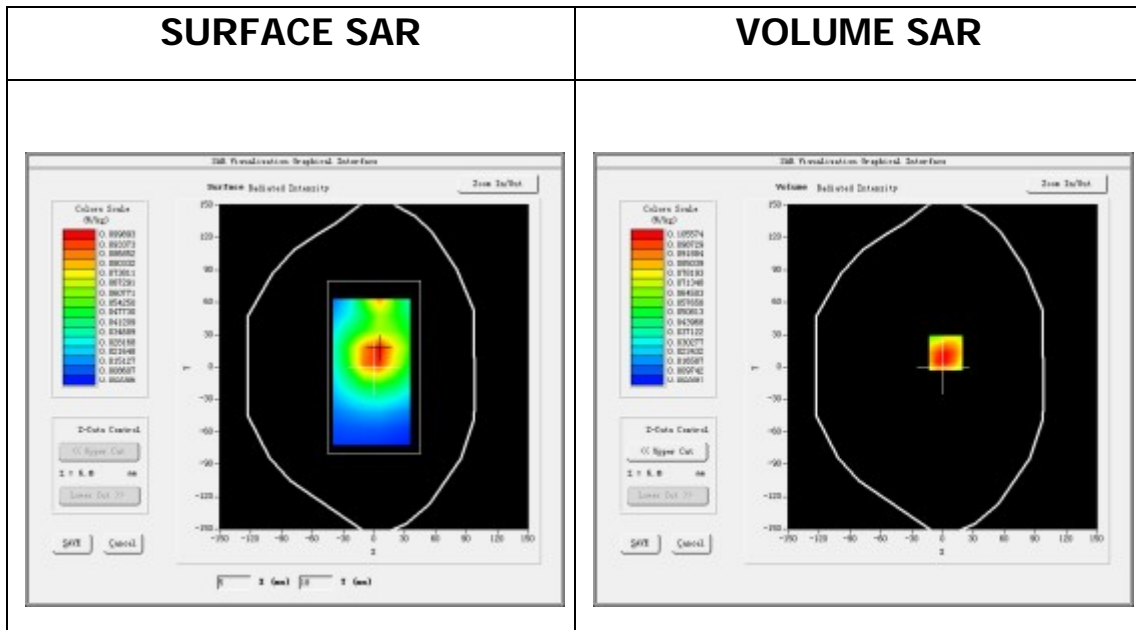
A. Experimental conditions.

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

B. SAR Measurement Results

Middleer Band SAR (Channel 149):

| | |
|---|-------------|
| Frequency (MHz) | 5745.000000 |
| Relative permittivity (real part) | 48.235748 |
| Relative permittivity (imaginary part) | 19.060800 |
| Conductivity (S/m) | 6.173560 |
| Variation (%) | 0.020000 |

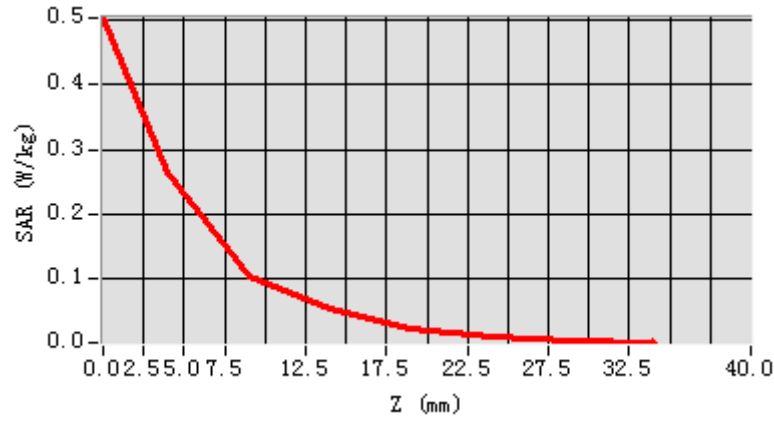


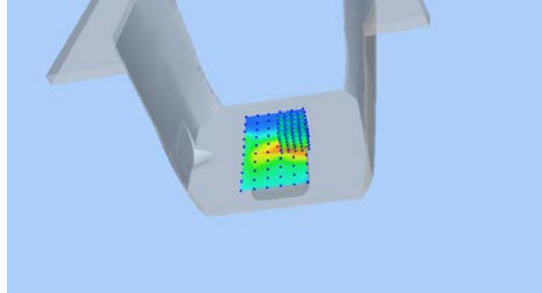
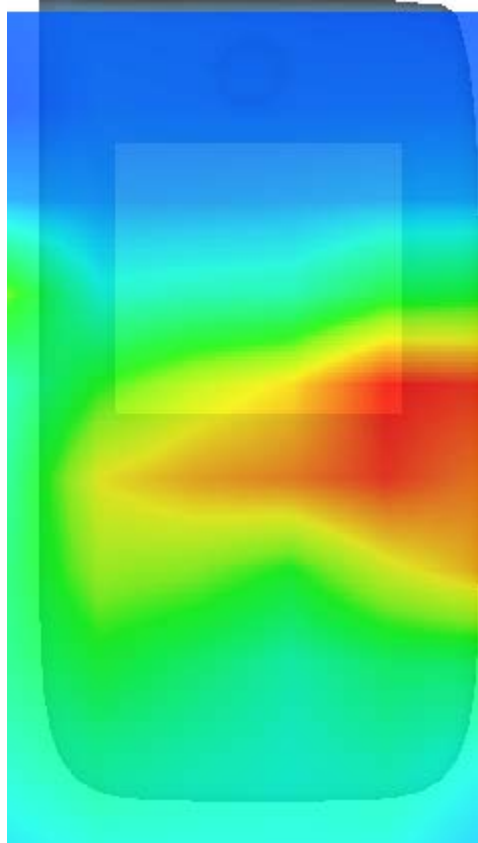
Maximum location: X=3.00, Y=13.00

SAR Peak: 0.17 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.062305 |
| SAR 1g (W/Kg) | 0.127054 |

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



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

MEASUREMENT 6

Type: Phone measurement (Complete)

Date of measurement: 20/4/2024

Measurement duration: 11 minutes 11 seconds

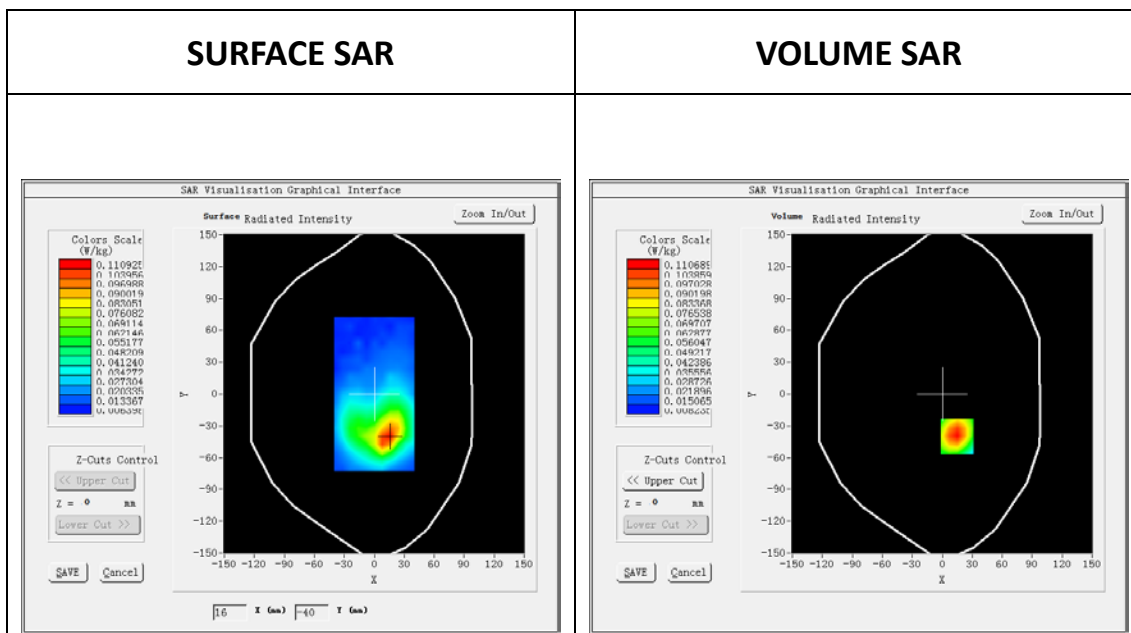
A. Experimental conditions.

| | |
|------------------------|--|
| <u>Area Scan</u> | <u>dx=15mm dy=15mm</u> |
| <u>ZoomScan</u> | <u>7x7x7, dx=5mm dy=5mm dz=5mm, Complete</u> |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | <u>Bluetooth</u> |
| <u>Channels</u> | <u>High</u> |
| <u>Signal</u> | <u>Bluetooth (Crest factor: 1.0)</u> |

B. SAR Measurement Results

Middle Band SAR (Channel 78):

| | |
|---|-------------|
| Frequency (MHz) | 2480.000000 |
| Relative permittivity (real part) | 39.160000 |
| Relative permittivity (imaginary part) | 13.290000 |
| Conductivity (S/m) | 1.831067 |
| Variation (%) | -1.550000 |

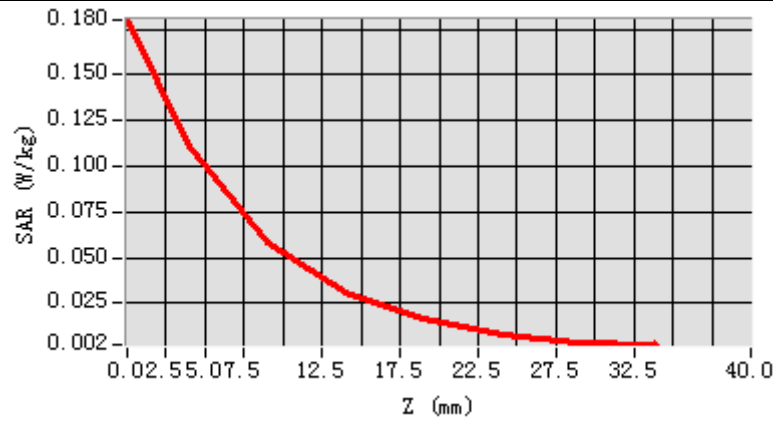


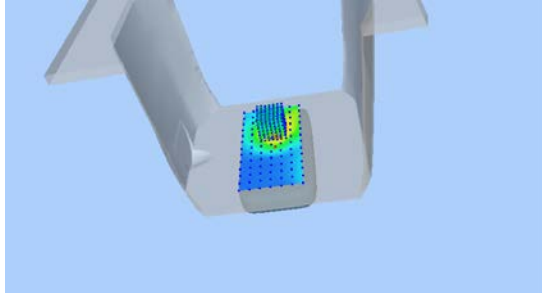
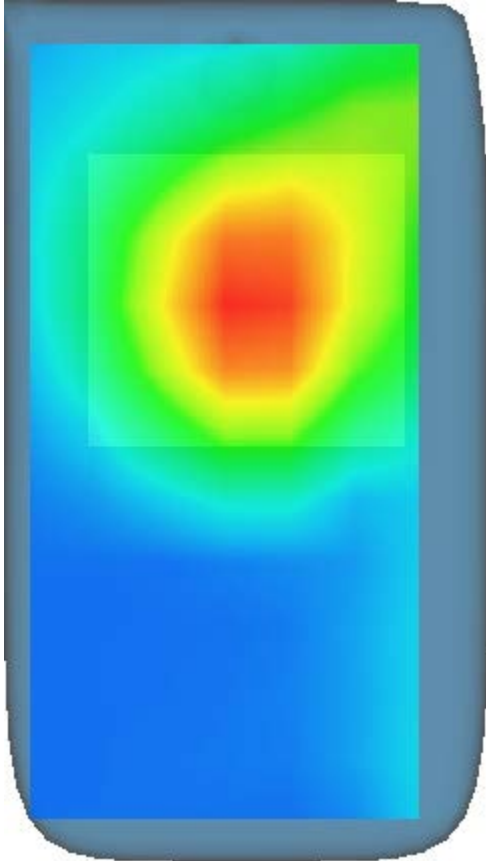
Maximum location: X=15.00, Y=-40.00

SAR Peak: 0.18 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.042021 |
| SAR 1g (W/Kg) | 0.082230 |

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 | 24.00 | 29.00 |
| SAR (W/Kg) | 0.1801 | 0.1114 | 0.0587 | 0.0309 | 0.0161 | 0.0083 | 0.0040 |



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