

**Test Laboratory: AGC Lab**  
**LTE Band 41 Mid-Touch-Left (1RB#0)**  
**DUT: 4G Smart Phone; Type: AGM\_H\_MAX**

**Date: Sep. 08, 2024**

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.06  
Frequency: 2593MHz; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 39.66$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.6, Liquid temperature (°C): 21.1

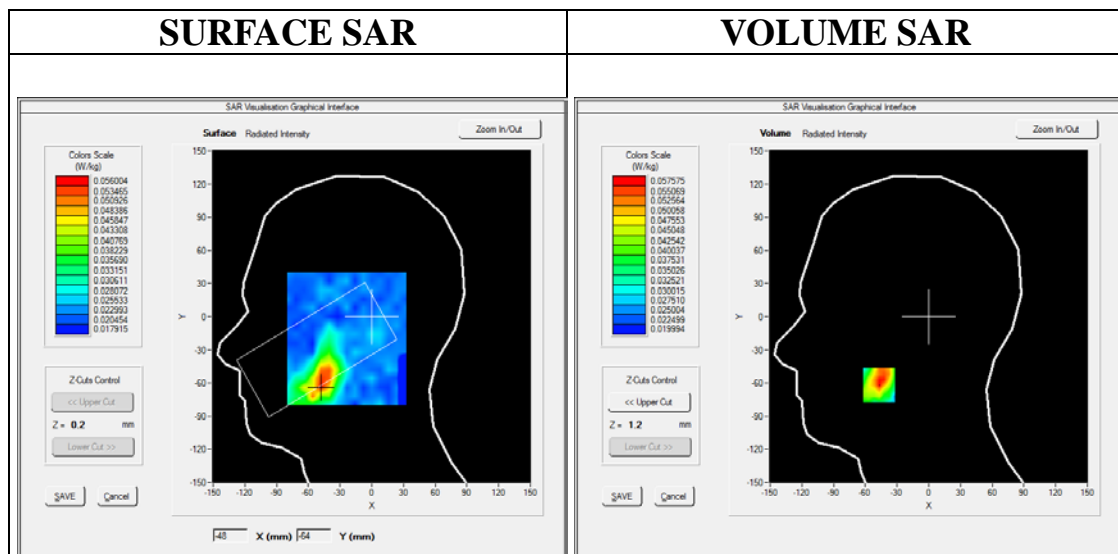
SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE BAND 41 Mid-Touch-Left/Area Scan:** Measurement grid: dx=8mm, y=8mm

**Configuration/ LTE BAND 41 Mid-Touch-Left/Zoom Scan:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>ZoomScan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE BAND 41
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.58)

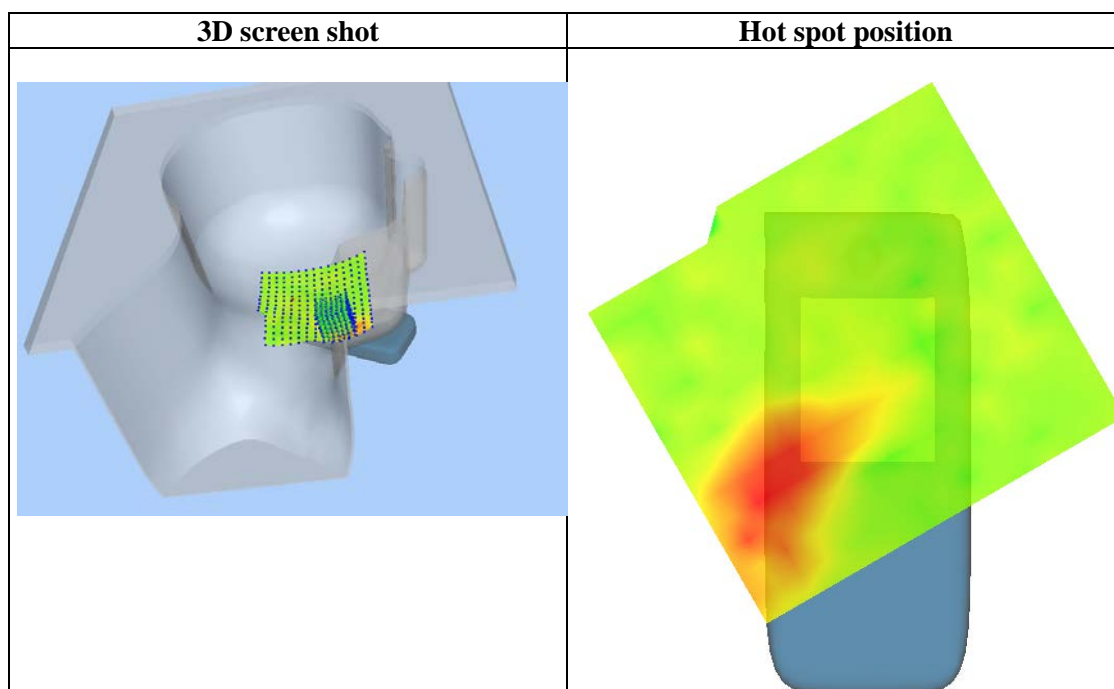
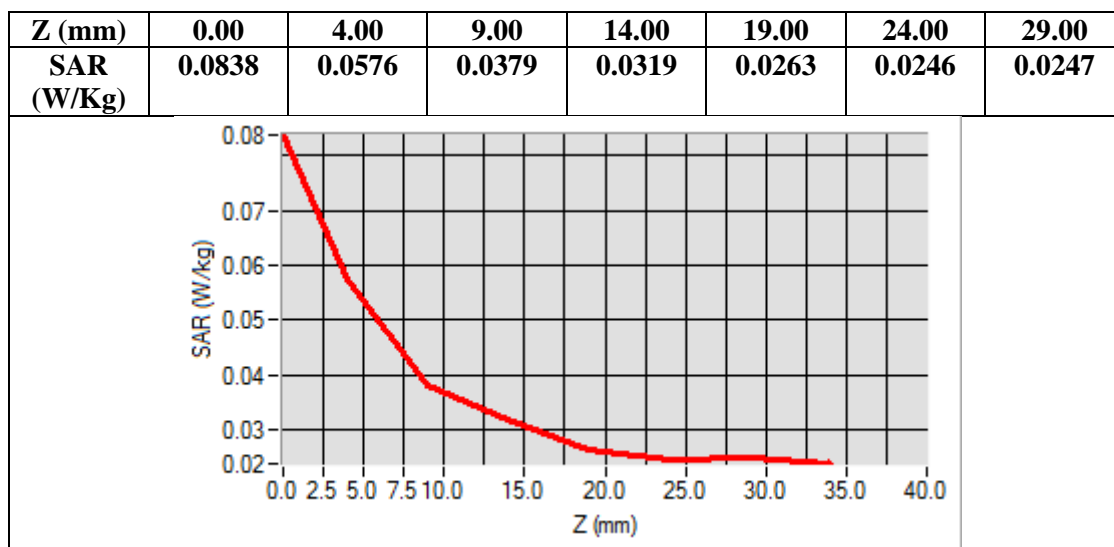


**Maximum location: X=-47.00, Y=-62.00**

**SAR Peak: 0.08 W/kg**

<b>SAR 10g (W/Kg)</b>	0.037111
<b>SAR 1g (W/Kg)</b>	0.053794

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**Test Laboratory: AGC Lab**  
**LTE Band 41 Mid-Body-Back(1RB#0)**  
**DUT: 4G Smart Phone; Type: AGM\_H\_MAX**

**Date: Sep. 08, 2024**

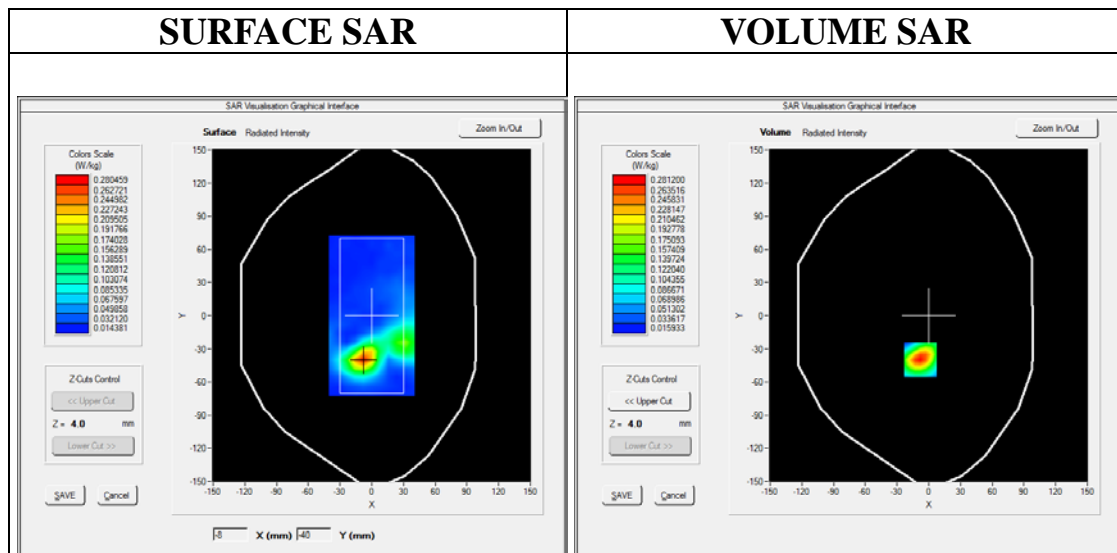
Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.06  
Frequency: 2593MHz; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 39.66$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.6, Liquid temperature (°C): 21.1

SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE BAND 41 Mid-Body-Back /Area Scan:** Measurement grid: dx=8mm, y=8mm  
**Configuration/ LTE BAND 41 Mid-Body-Back /Zoom Scan:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

<b>Area Scan</b>	surf_sam_plan.txt, h= 5.00 mm
<b>ZoomScan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body Back
<b>Band</b>	LTE BAND 41
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.58)



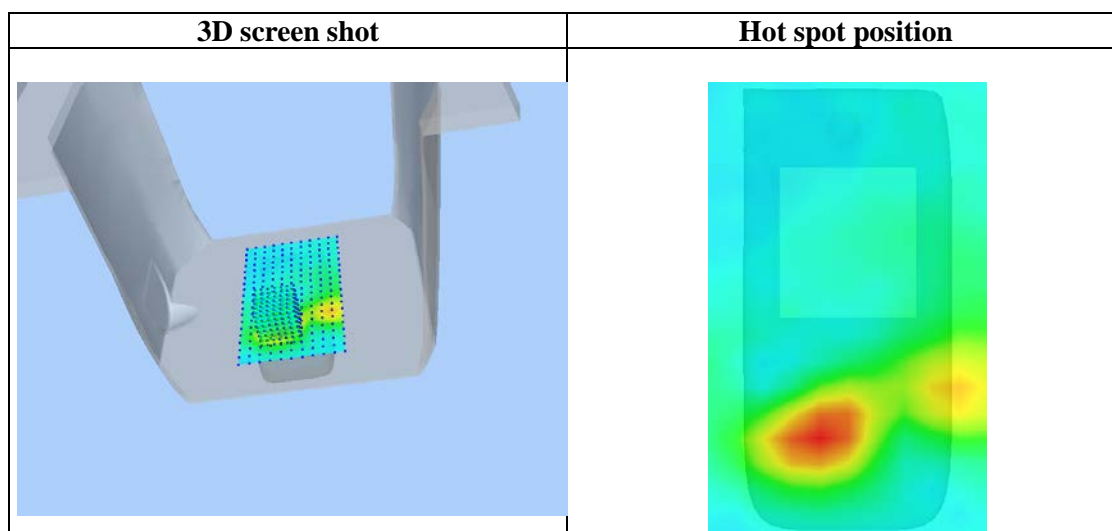
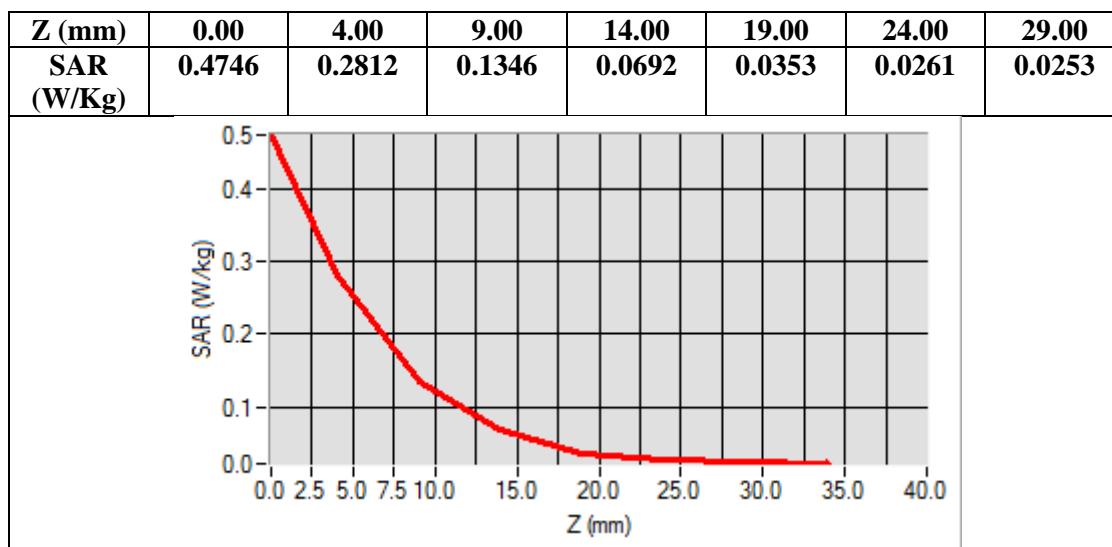
**Maximum location: X=-8.00, Y=-40.00**

**SAR Peak: 0.48 W/kg**

<b>SAR 10g (W/Kg)</b>	0.121979
<b>SAR 1g (W/Kg)</b>	0.258493

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## WIFI MODE

Test Laboratory: AGC Lab

802.11b Mid-Touch-Left

DUT: 4G Smart Phone; Type: AGM\_H\_MAX

Date: Sep. 07, 2024

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.16;  
Frequency: 2437 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 0.0001$  Pmho/m;  $\epsilon_r = 39.77$   $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C):21.9, Liquid temperature (°C): 21.4

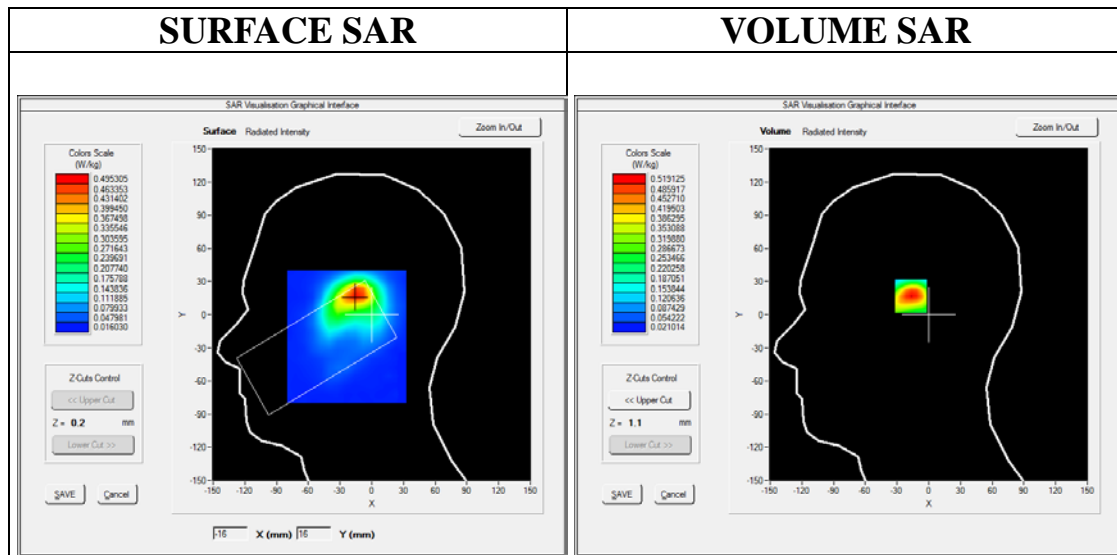
### SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

Configuration/802.11b Mid- Touch-Left/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11b Mid- Touch-Left/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



Maximum location: X=-15.00, Y=18.00

SAR Peak: 0.92 W/kg

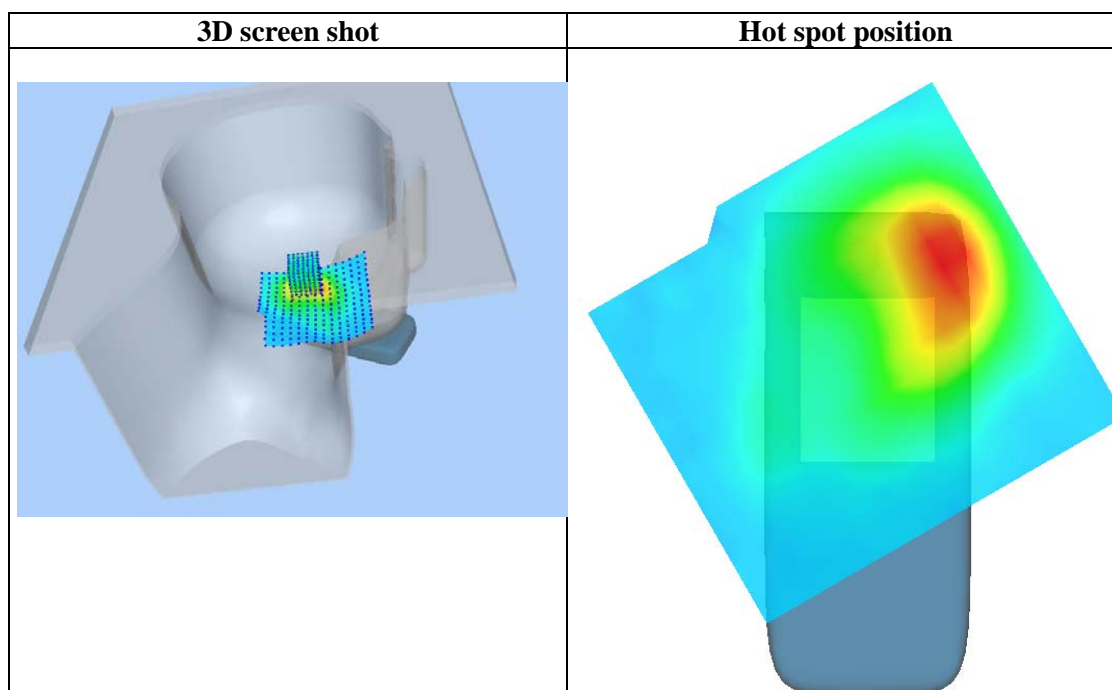
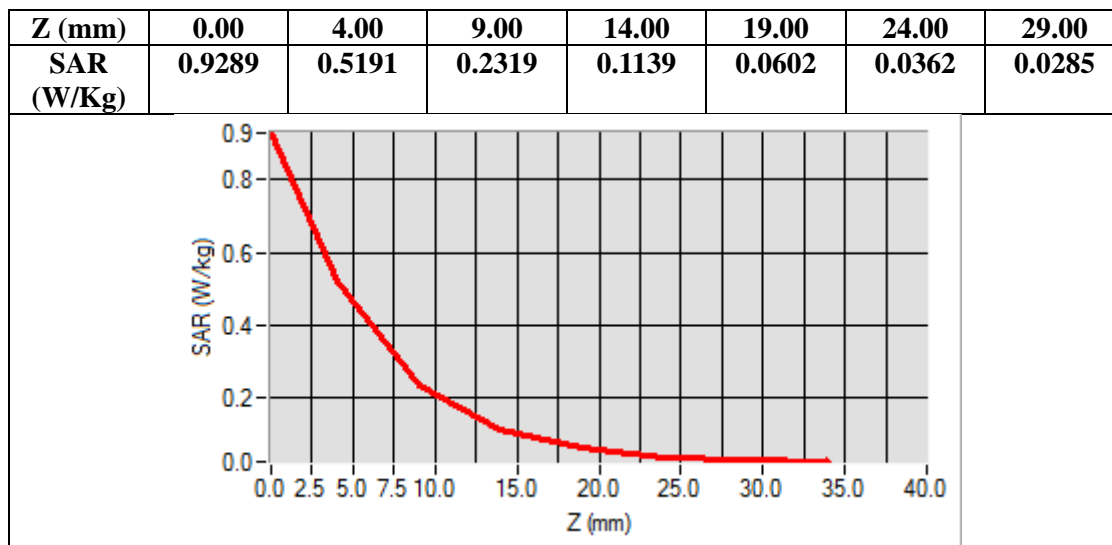
SAR 10g (W/Kg)	0.237248
SAR 1g (W/Kg)	0.493502

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**Test Laboratory: AGC Lab**  
**802.11b Mid-Body-Worn- Front**  
**DUT: 4G Smart Phone; Type: AGM\_H\_MAX**

**Date: Sep. 07, 2024**

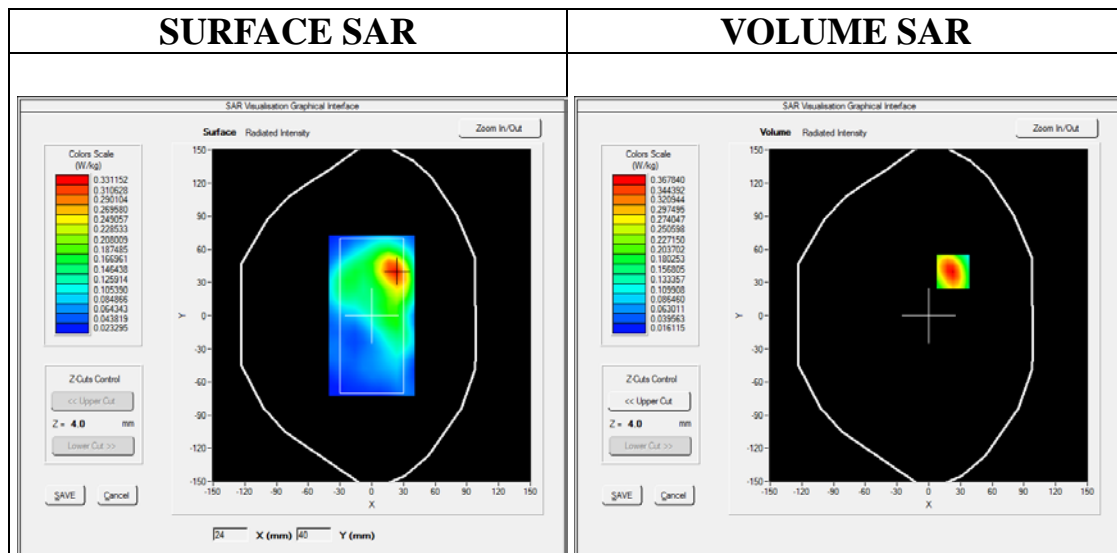
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.16;  
Frequency: 2437 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 6$  Pmho/m;  $\epsilon_r = 39.77$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C):21.9, Liquid temperature (°C): 21.4

SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/802.11b Mid- Body- Front /Area Scan:** Measurement grid: dx=8mm, dy=8mm  
**Configuration/802.11b Mid- Body- Front /Zoom Scan:** Measurement grid: dx=5mm,dy=5mm, dz=5mm;

<b>Area Scan</b>	surf_sam_plan.txt, h= 5.00 mm
<b>ZoomScan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body Front
<b>Band</b>	2450MHz
<b>Channels</b>	Middle
<b>Signal</b>	Crest factor: 1.0

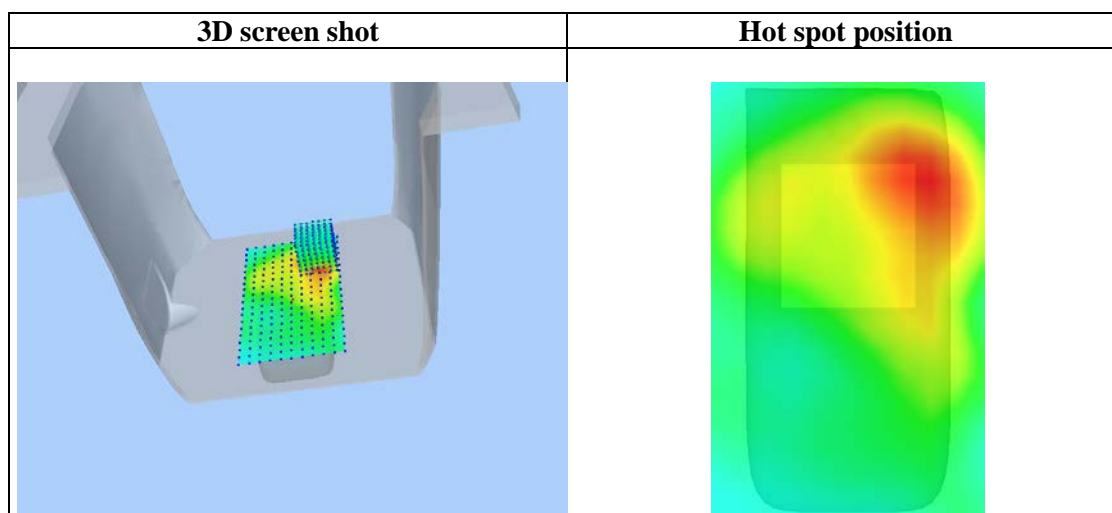
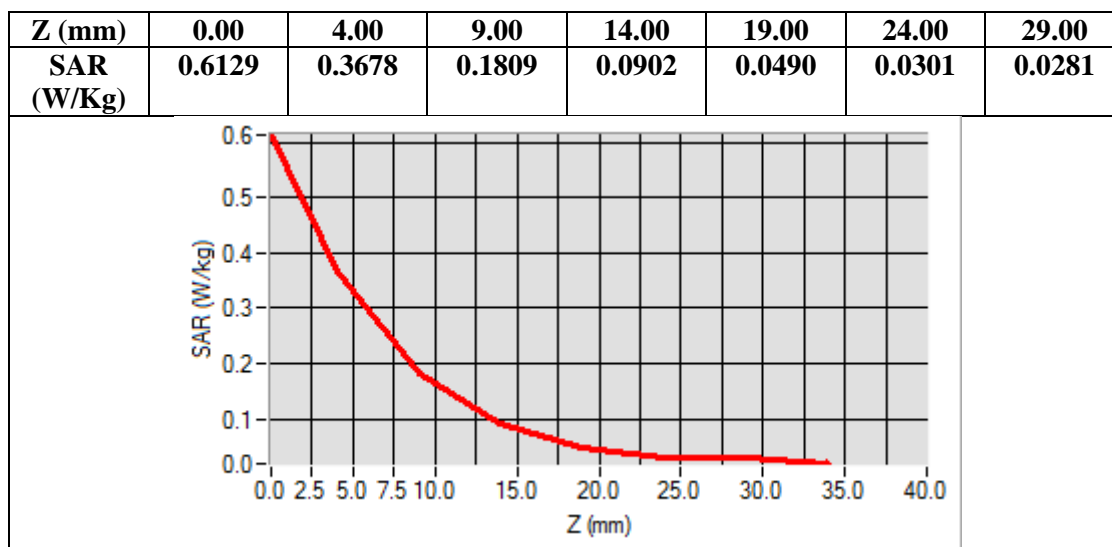


**Maximum location: X=23.00, Y=40.00**

**SAR Peak: 0.62 W/kg**

<b>SAR 10g (W/Kg)</b>	0.178259
<b>SAR 1g (W/Kg)</b>	0.348671

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5.2GHz 802.11ac VHT80

Test Laboratory: AGC Lab

802.11a CH40-Tilt -Left

DUT: 4G Smart Phone; Type: AGM\_H\_MAX

Date: Sep. 11, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.53;  
Frequency: 5200MHz; Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.57 \text{ mho/m}$ ;  $\epsilon_r = 35.34$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.9, Liquid temperature ( $^{\circ}\text{C}$ ): 20.6

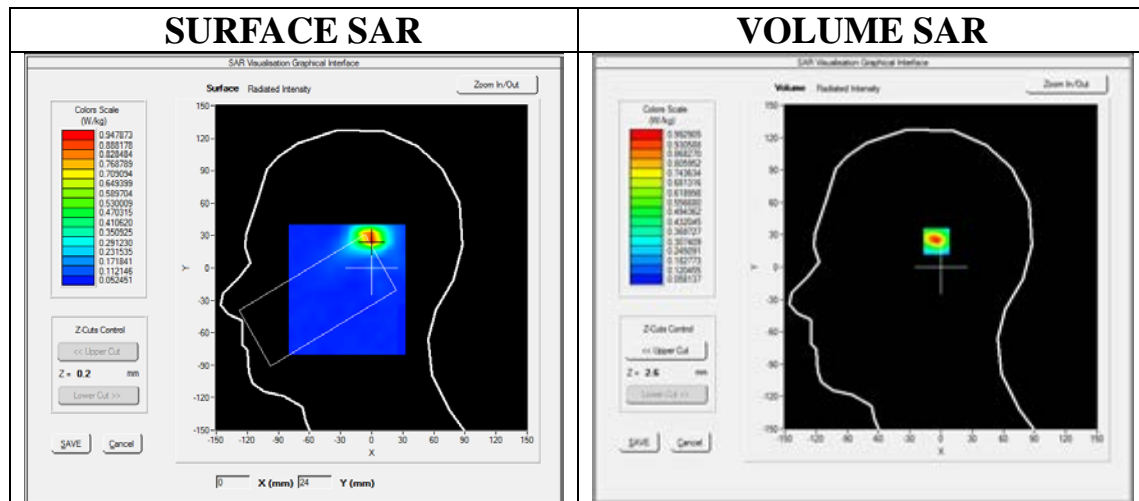
SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

Configuration/802.11a CH40- Tilt -Left /Area Scan: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$

Configuration/802.11a CH40- Tilt -Left /Zoom Scan: Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Area Scan	$dx=8\text{mm}$ $dy=8\text{mm}$ , $h= 5.00 \text{ mm}$
ZoomScan	$7 \times 7 \times 12$ $dx=4\text{mm}$ $dy=4\text{mm}$ $dz=2\text{mm}$
Phantom	Left head
Device Position	Tilt
Band	5200MHz
Channels	CH40
Signal	Crest factor: 1.0



Maximum location:  $X=0.00$ ,  $Y=26.00$

SAR Peak: 2.50 W/kg

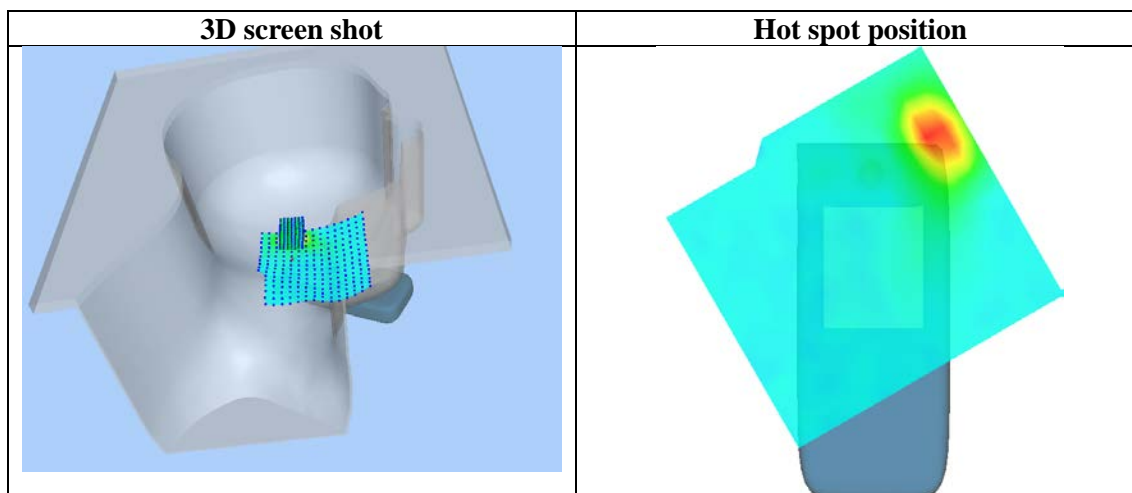
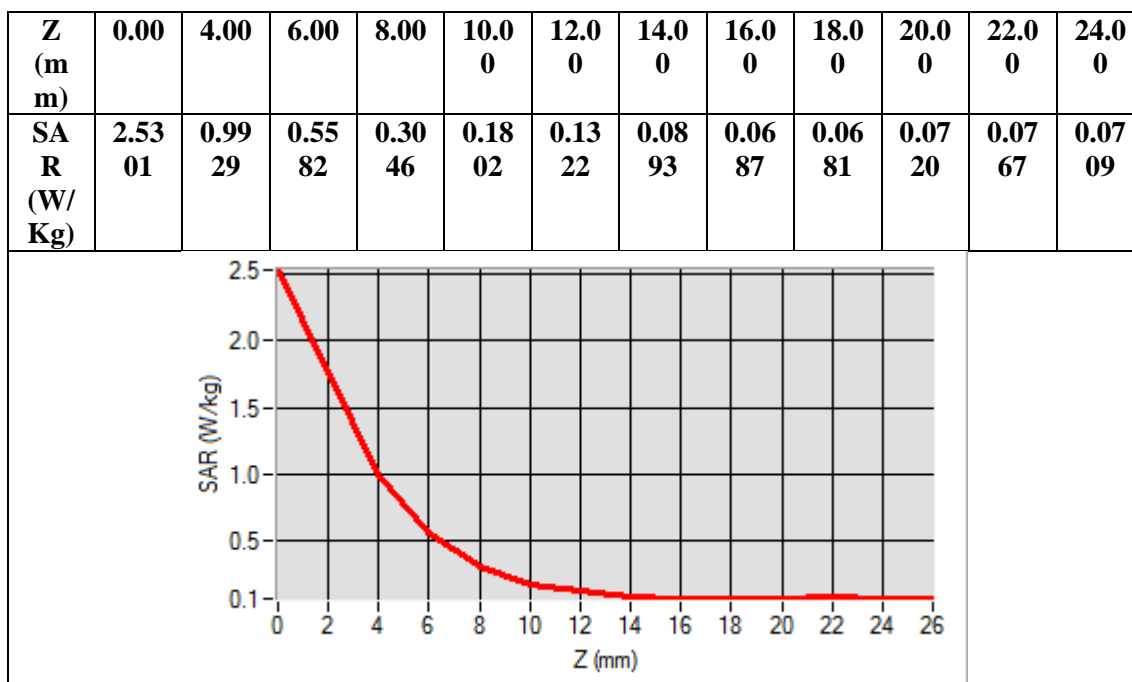
SAR 10g (W/Kg)	0.318684
SAR 1g (W/Kg)	0.604804

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**Test Laboratory: AGC Lab**  
**802.11a CH40-Edge1**  
**DUT: 4G Smart Phone; Type: AGM\_H\_MAX**

**Date: Sep. 11, 2024**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=2.35;  
Frequency: 5200MHz; Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.57 \text{ mho/m}$ ;  $\epsilon_r = 35.34$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.9, Liquid temperature ( $^{\circ}\text{C}$ ): 20.6

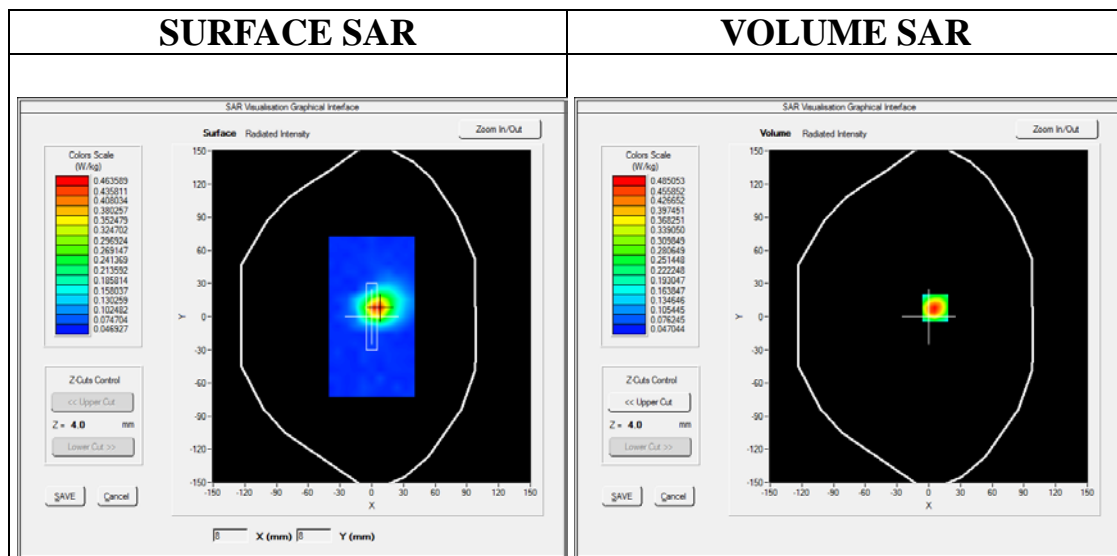
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/802.11a CH40- Edge1 /Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$

**Configuration/802.11a CH40- Edge1 /Zoom Scan:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>ZoomScan</b>	7x7x12 $dx=4\text{mm}$ $dy=4\text{mm}$ $dz=2\text{mm}$
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Edge1
<b>Band</b>	5200MHz
<b>Channels</b>	CH40
<b>Signal</b>	Crest factor: 1.0

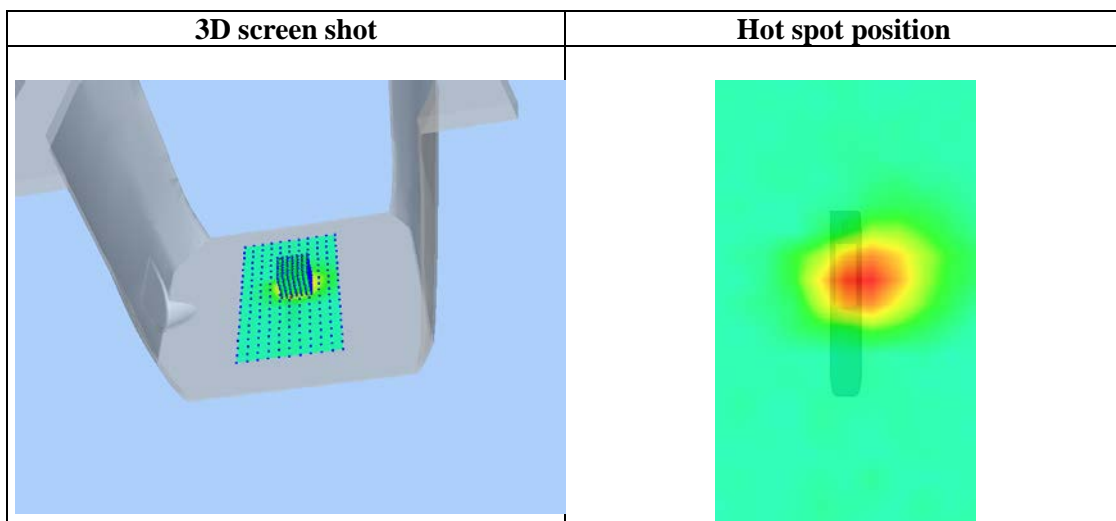
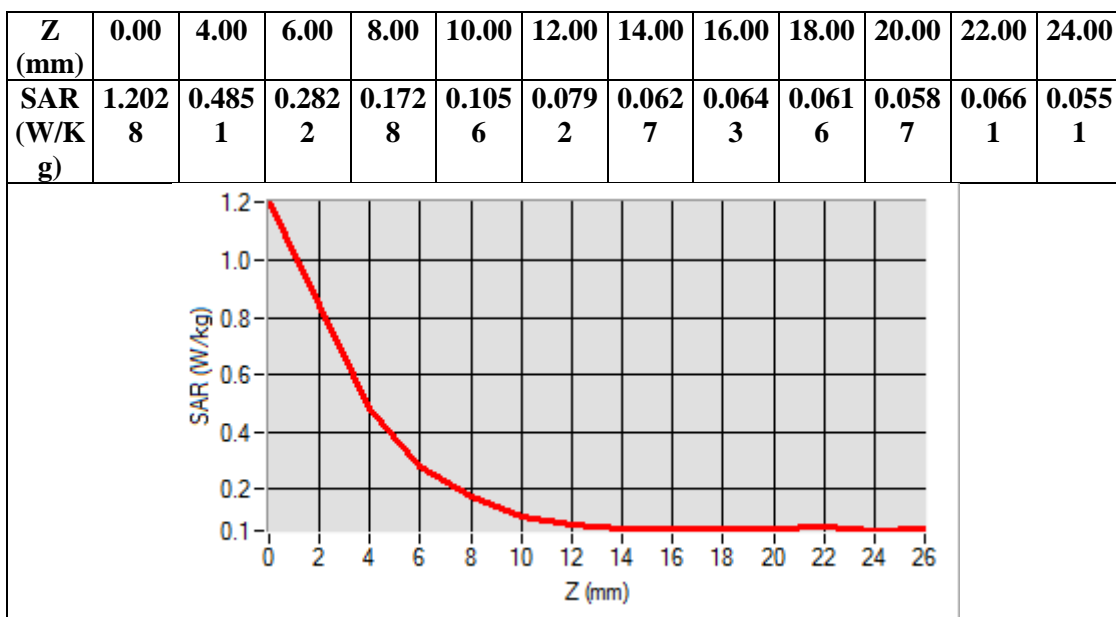


**Maximum location: X=6.00, Y=8.00**

**SAR Peak: 1.18 W/kg**

<b>SAR 10g (W/Kg)</b>	0.203563
<b>SAR 1g (W/Kg)</b>	0.473581

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### 5.8GHz 802.11n HT20

Test Laboratory: AGC Lab

802.11a CH157- Tilt-Left

DUT: 4G Smart Phone; Type: AGM\_H\_MAX

Date: Sep. 12, 2024

Communication System: Wi-Fi; Communication System Band: 802.11n HT20; Duty Cycle: 1:1; Conv.F=1.37;  
Frequency: 5785MHz; Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.23$  mho/m;  $\epsilon_r = 37.42$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.2, Liquid temperature (°C): 20.8

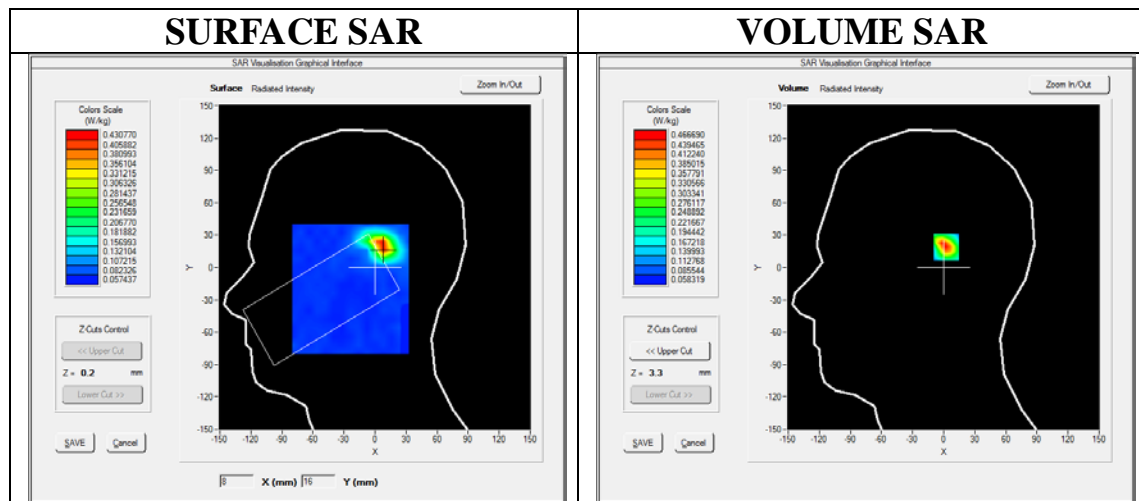
#### SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

Configuration/802.11a CH157- Tilt-Left /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH157- Tilt-Left /Zoom Scan: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Tilt
Band	5800MHz
Channels	Middle
Signal	Crest factor: 1.0



Maximum location: X=8.00, Y=19.00

SAR Peak: 1.24 W/kg

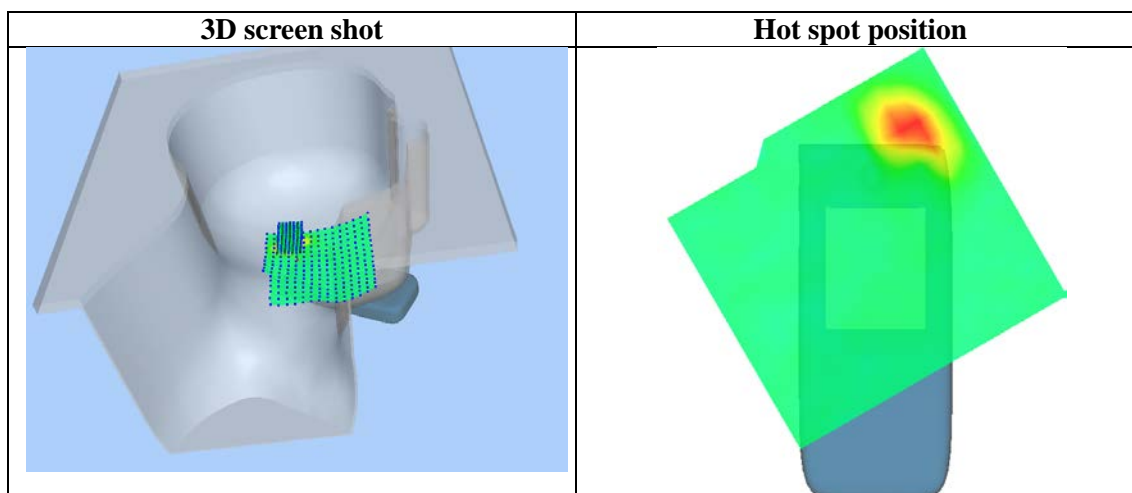
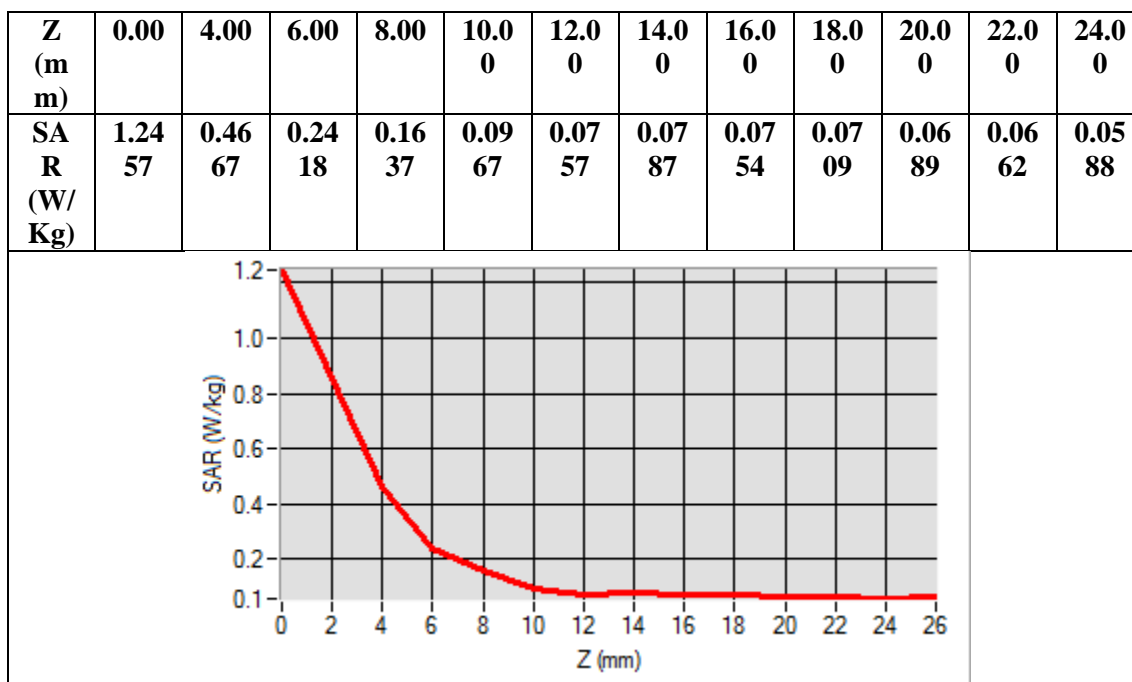
SAR 10g (W/Kg)	0.191559
SAR 1g (W/Kg)	0.452130

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**Test Laboratory: AGC Lab**  
**802.11a CH157-Edge1**  
**DUT: 4G Smart Phone; Type: AGM\_H\_MAX**

**Date: Sep. 12, 2024**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.37;  
Frequency: 5785MHz; Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.23 \text{ mho/m}$ ;  $\epsilon_r = 37.42$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.2, Liquid temperature ( $^{\circ}\text{C}$ ): 20.8

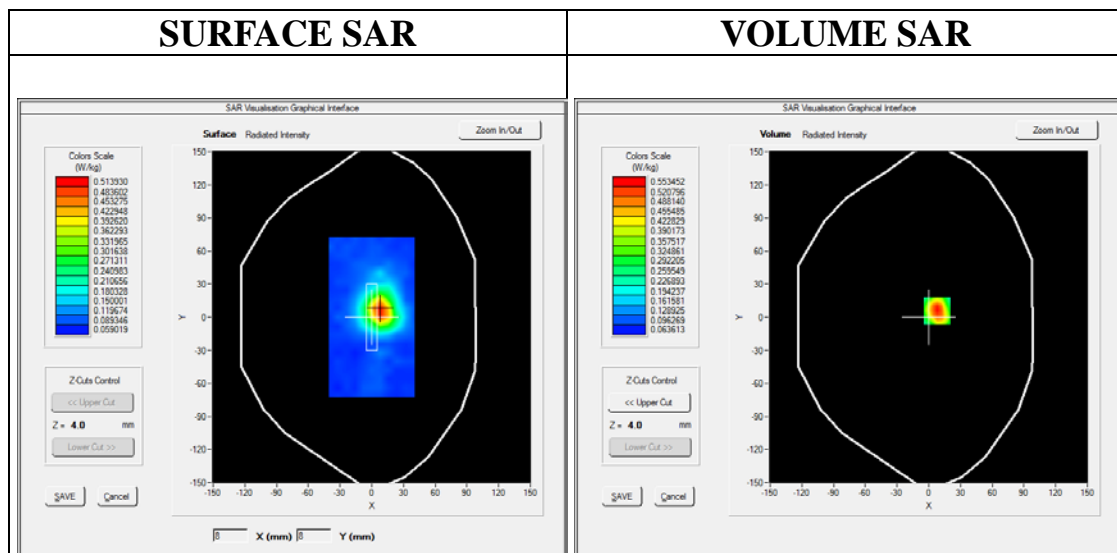
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ 802.11a CH157- Edge1 /Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$

**Configuration/ 802.11a CH157- Edge1 /Zoom Scan:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>ZoomScan</b>	7x7x12 $dx=4\text{mm}$ $dy=4\text{mm}$ $dz=2\text{mm}$
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Edge1
<b>Band</b>	5800MHz
<b>Channels</b>	Middle
<b>Signal</b>	Crest factor: 1.0

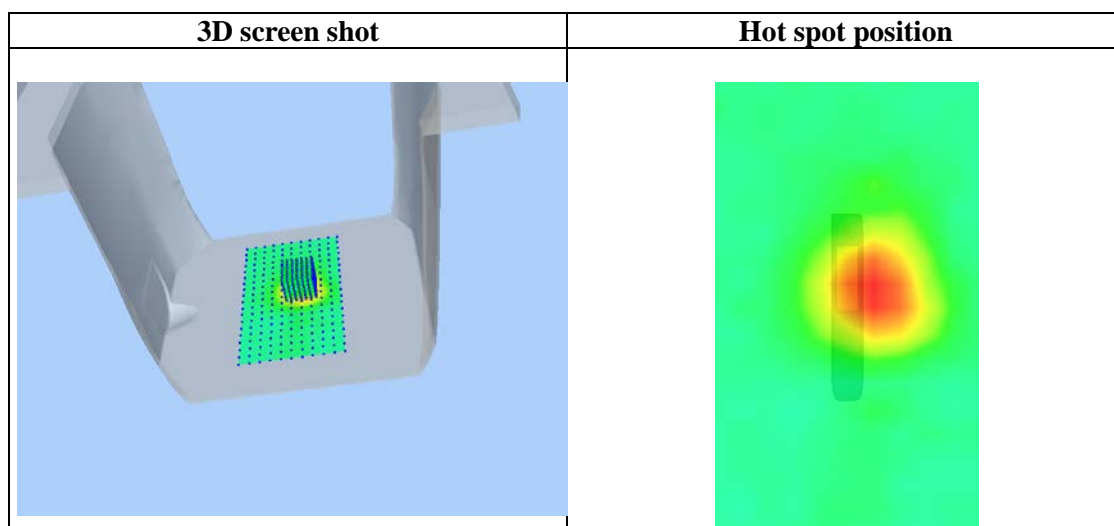
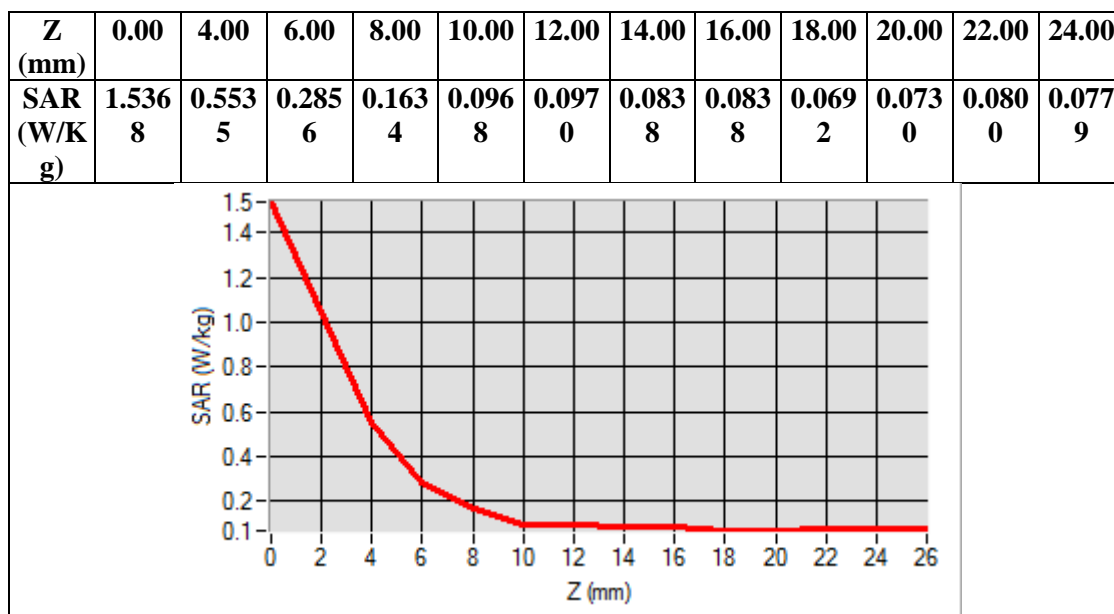


**Maximum location: X=8.00, Y=6.00**

**SAR Peak: 1.49 W/kg**

<b>SAR 10g (W/Kg)</b>	0.251738
<b>SAR 1g (W/Kg)</b>	0.501901

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### Repeated SAR

Test Laboratory: AGC Lab

Date: Sep. 06, 2024

LTE Band 2 Low- Tilt - Right (1 RB#0)

DUT: 4G Smart Phone; Type: AGM\_H\_MAX

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.08;  
Frequency:1860MHz; Medium parameters used:  $f=1900$  MHz;  $\sigma=1.33$  mho/m;  $\epsilon_r=41.65$ ;  $\rho=1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section  
Ambient temperature (°C): 21.2, Liquid temperature (°C): 20.9

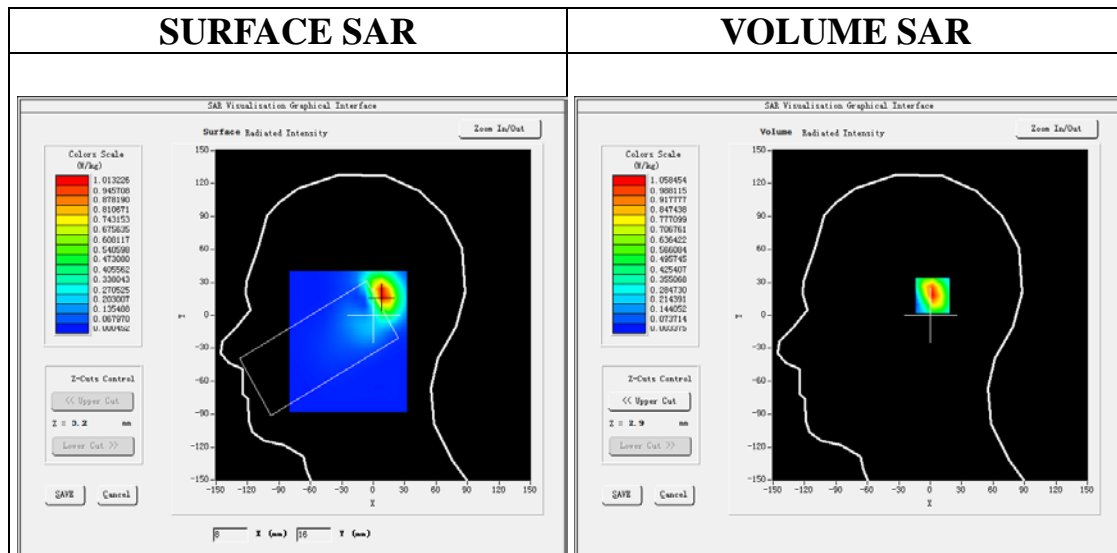
### SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

Configuration/ LTE Band 2 Low - Tilt - Right /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 2 Low - Tilt - Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Tilt
Band	LTE Band 2
Channels	Low
Signal	OFDM (Crest factor: 1.0)



**Maximum location: X=9.00, Y=18.00**

**SAR Peak: 1.76 W/kg**

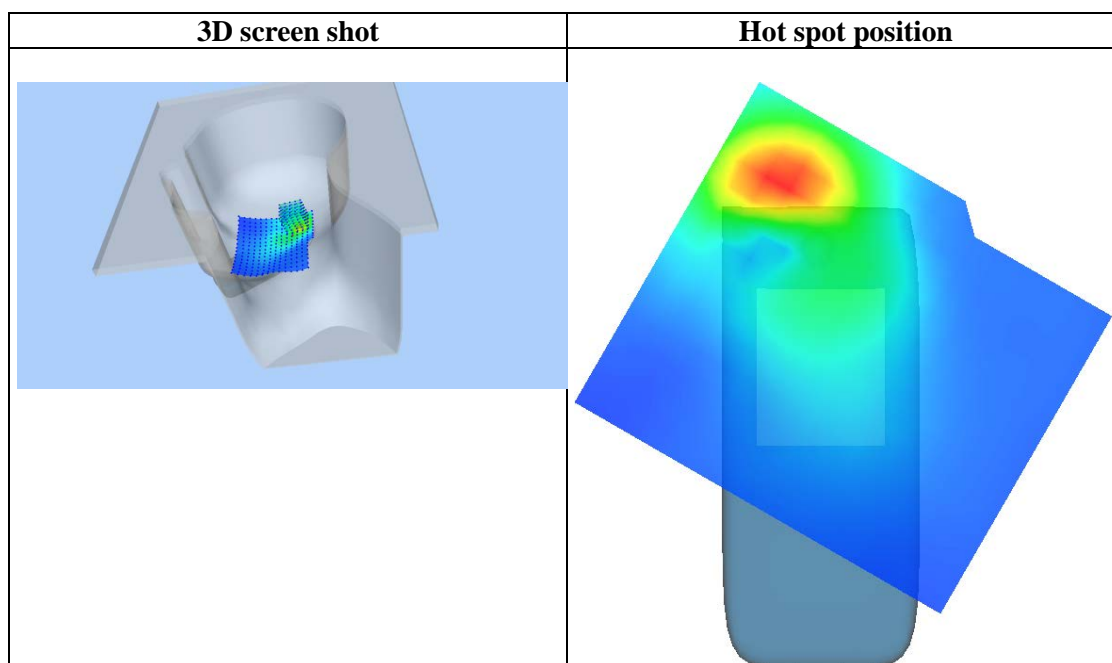
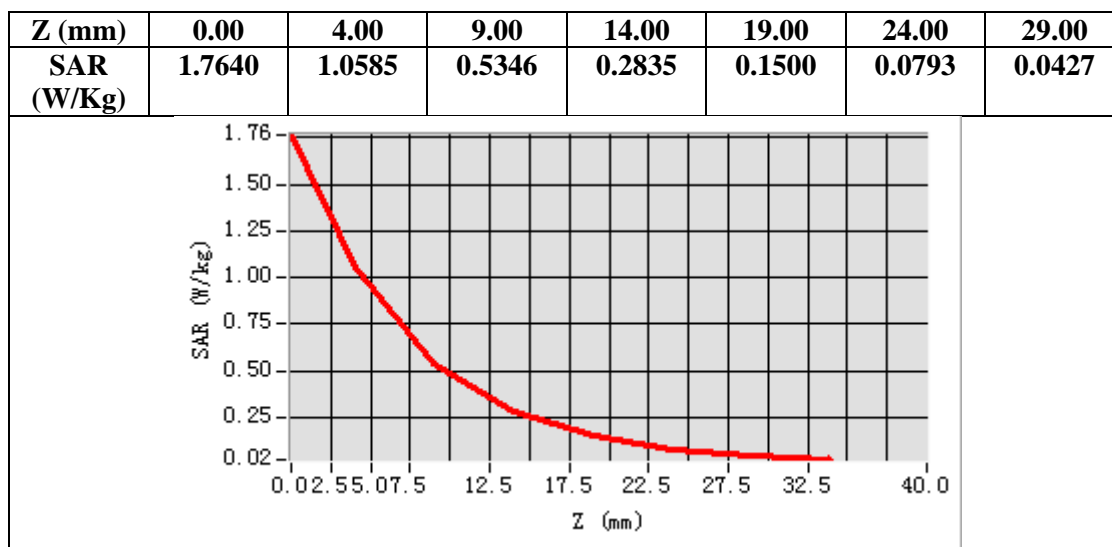
<b>SAR 10g (W/Kg)</b>	0.473200
<b>SAR 1g (W/Kg)</b>	0.986359

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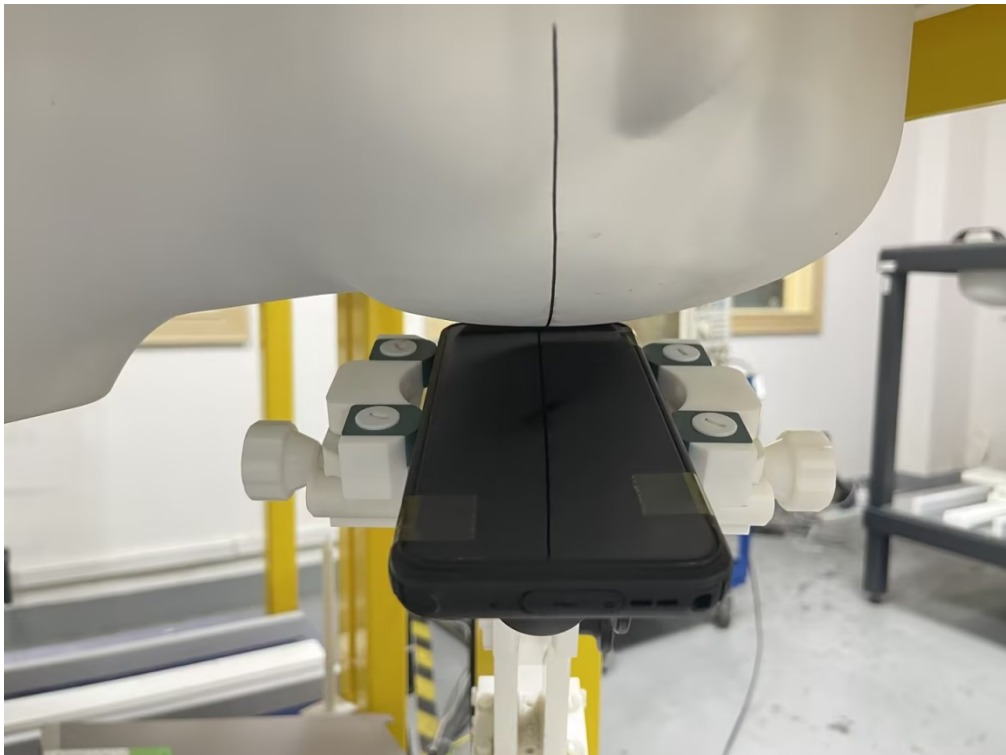
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**APPENDIX C. TEST SETUP PHOTOGRAPHS****LEFT-CHEEK TOUCH****LEFT-TILT 15°**

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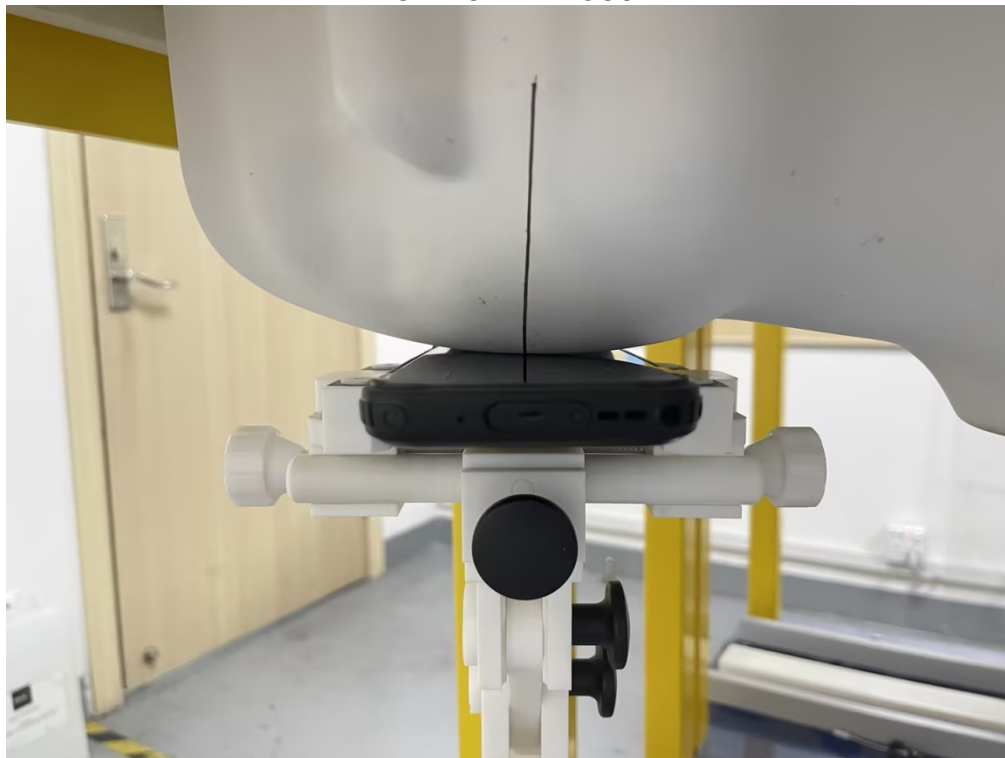
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RIGHT- CHEEK TOUCH



RIGHT-TILT 15<sup>0</sup>



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Body Back 10mm



Body Front 10mm



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Edge 1(Top) 10mm-Hotspot Mode



Edge 2(Right) 10mm-Hotspot Mode



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Edge 3(Bottom) 10mm-Hotspot Mode



Edge 4(Left) 10mm-Hotspot Mode



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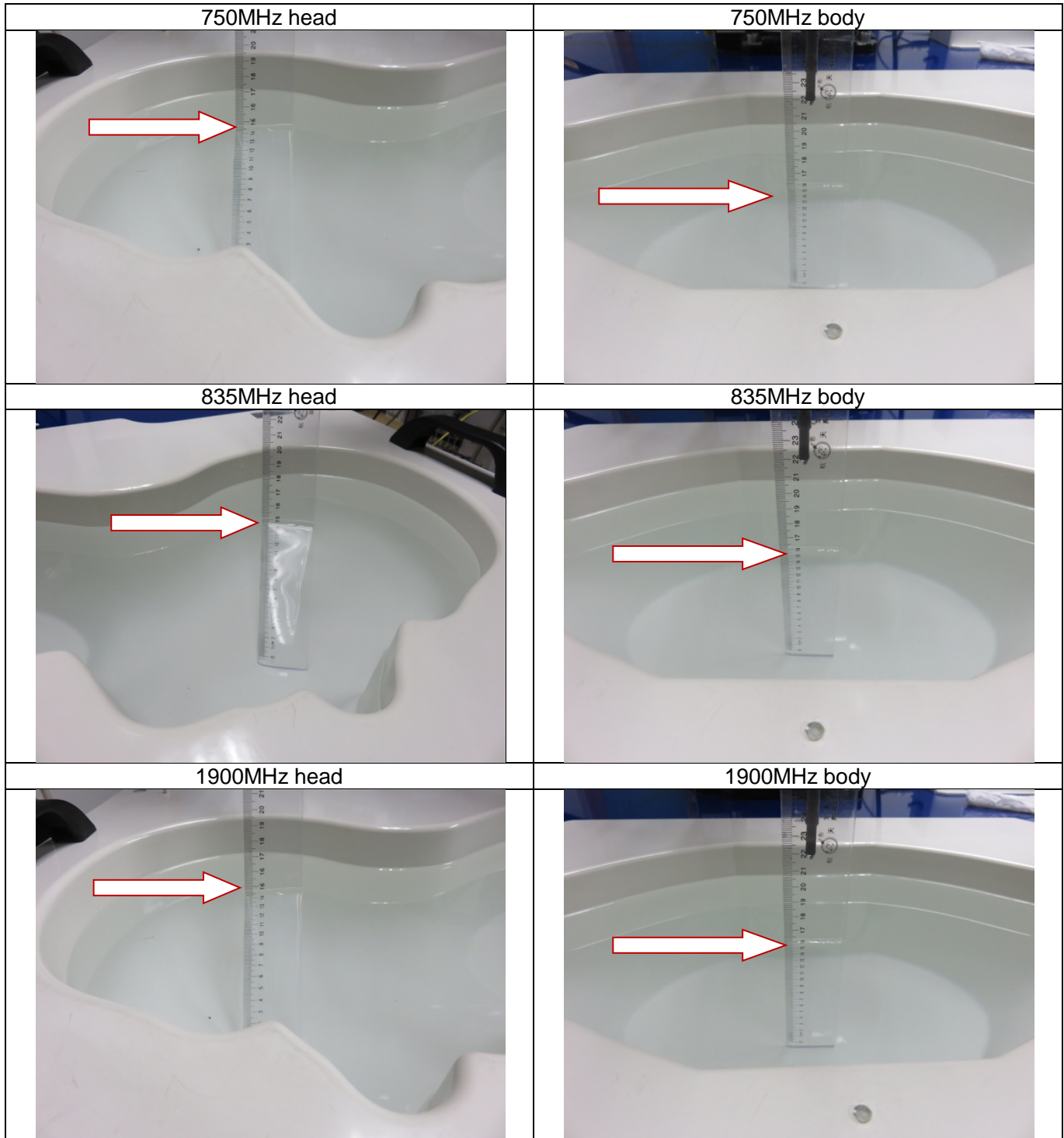
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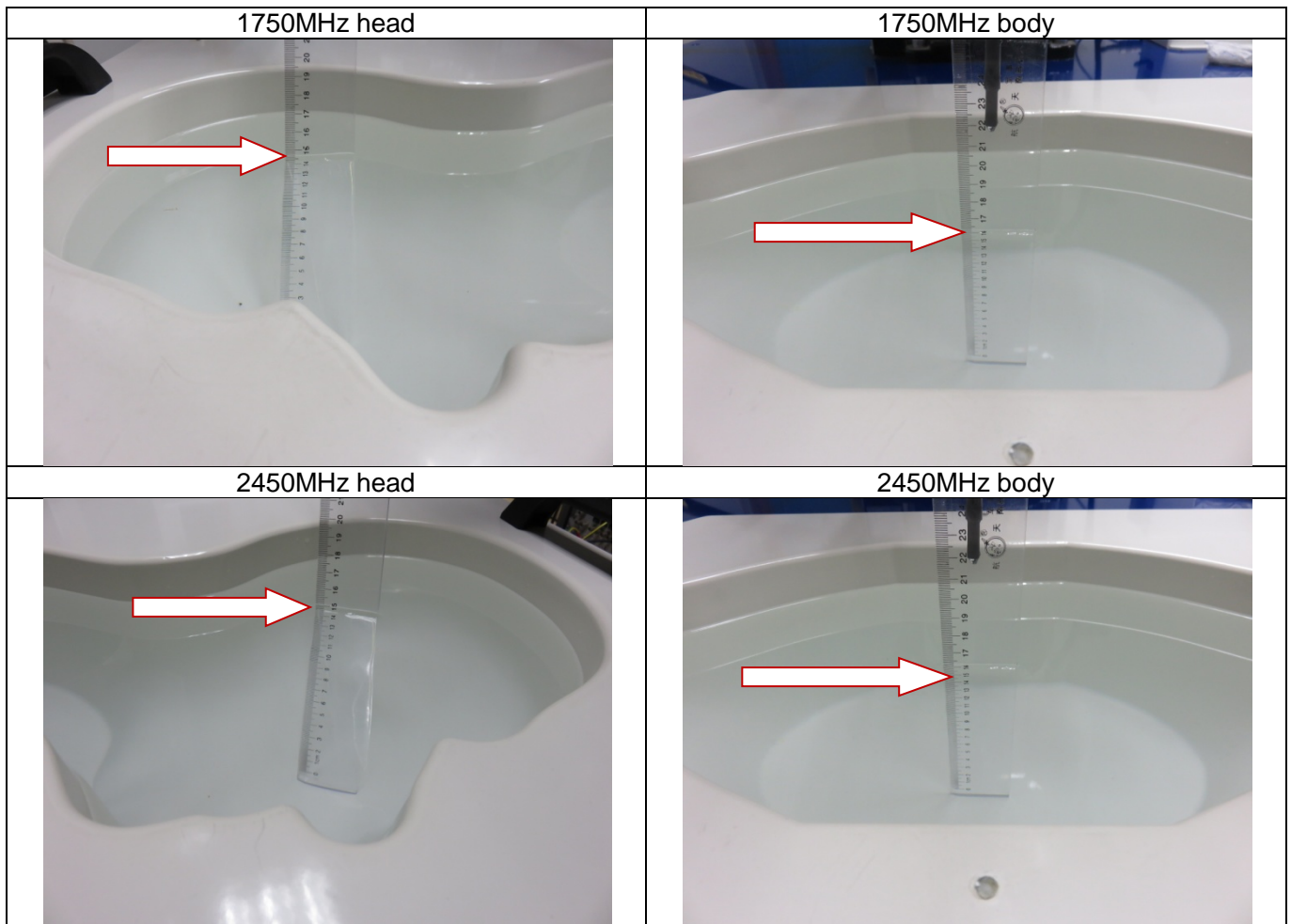


### DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

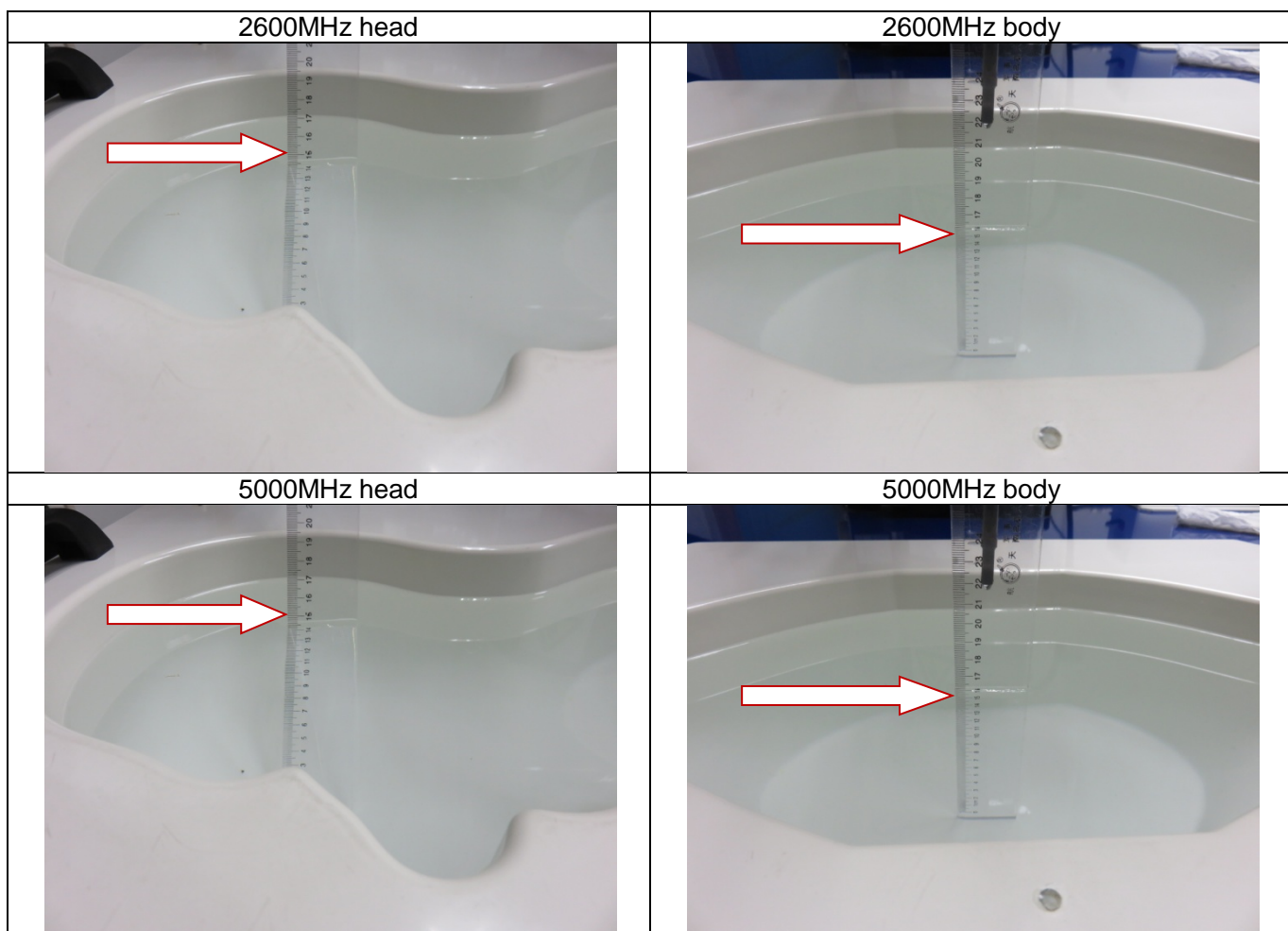
Note : The position used in the measurement were according to IEEE 1528-2013



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## APPENDIX D. CALIBRATION DATA

Refer to Attached files.

**----END OF REPORT----**

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
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7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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