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**Test Laboratory: AGC Lab**  
**LTE Band 71 Mid-Body-Back (1 RB#0)**  
DUT: Mobile phone; Type: S7

**Date: Jul. 23, 2024**

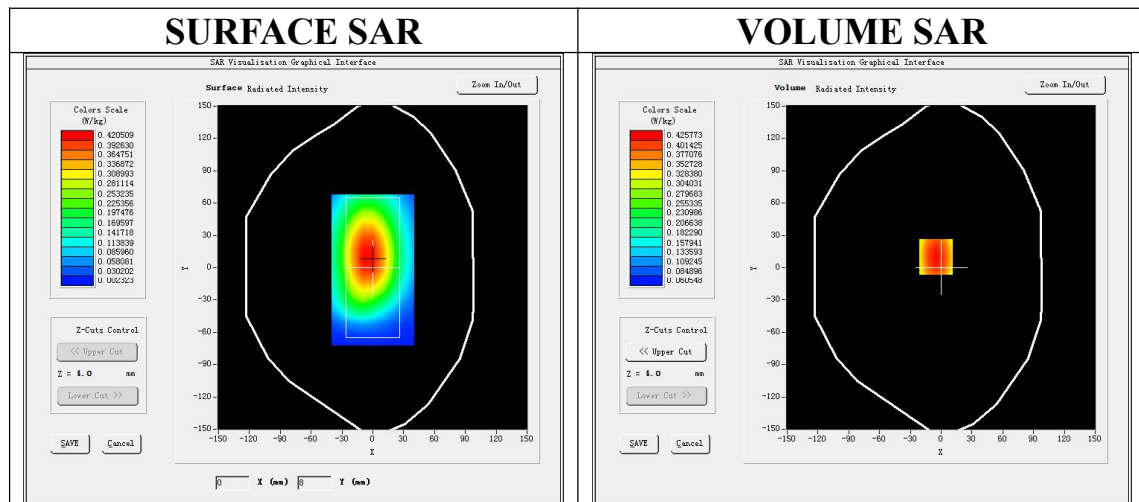
Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=2.04;  
Frequency: 683 MHz; Medium parameters used:  $f = 750$  MHz;  $\sigma=0.81$  mho/m;  $\epsilon_r=45.36$ ;  $\rho= 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.9, 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/ LTE Band 71 Mid-Body-Back/Area Scan:** Measurement grid: dx=8mm, dy=8mm  
**Configuration/ LTE Band 71 Mid-Body-Back/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	surf_sam_plan.txt, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body Back
<b>Band</b>	LTE Band 71
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



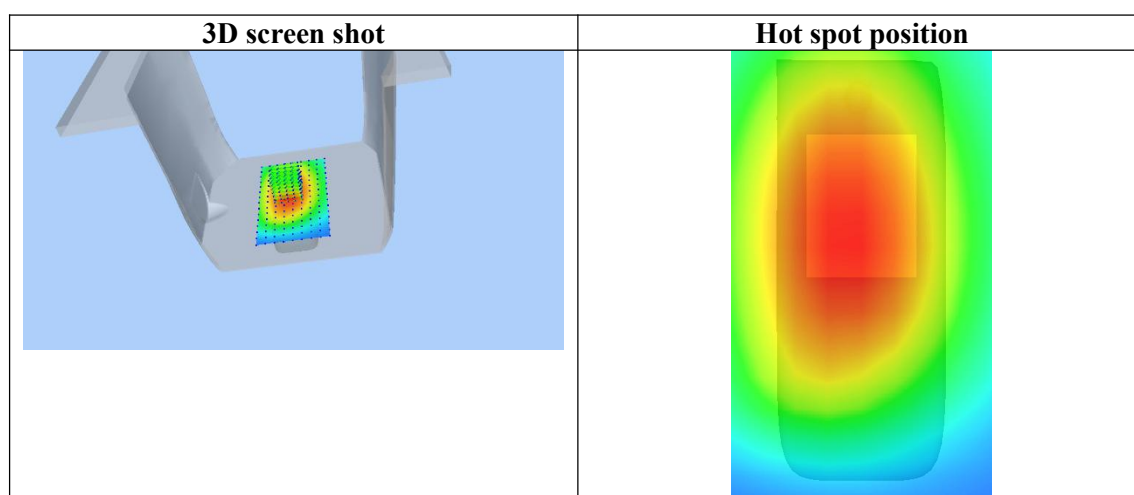
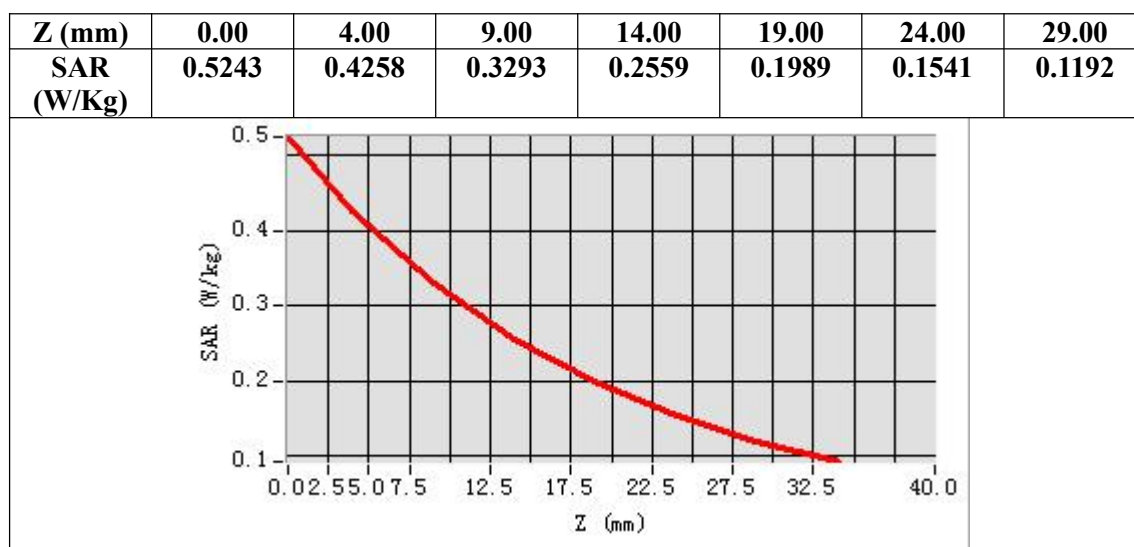
**Maximum location: X=-5.00, Y=10.00**

**SAR Peak: 0.53 W/kg**

<b>SAR 10g (W/Kg)</b>	0.313887
<b>SAR 1g (W/Kg)</b>	0.428073

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## WIFI MODE

Test Laboratory: AGC Lab

802.11b Low-Touch-Left

DUT: Mobile phone; Type: S7

Date: Jul. 24, 2024

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.16;  
Frequency: 2412 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 40.62$   $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C):20.8, Liquid temperature (°C): 20.6

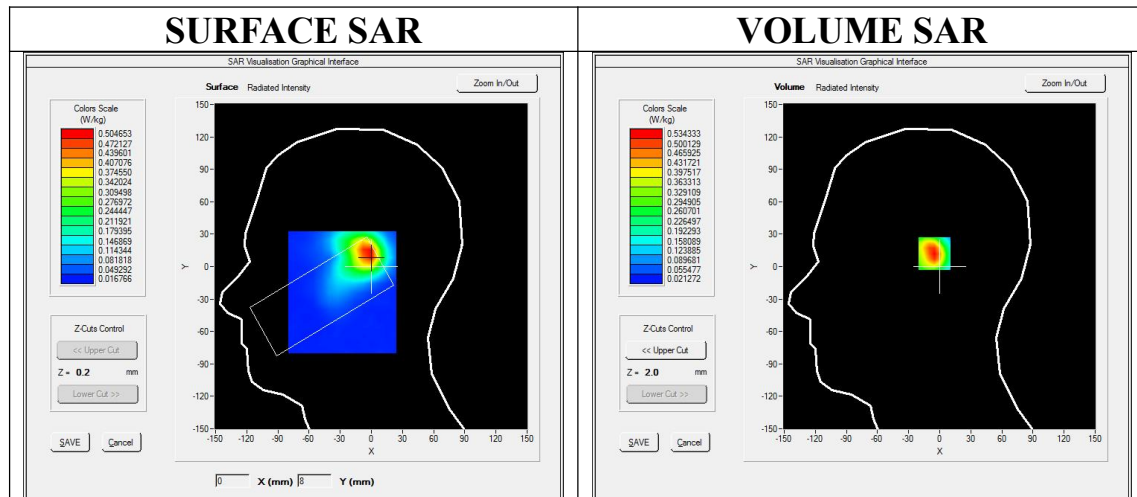
### SATIMO Configuration:

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

Configuration/802.11b Low- 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	Low
Signal	Crest factor: 1.0



Maximum location: X=-2.00, Y=12.00

SAR Peak: 0.91 W/kg

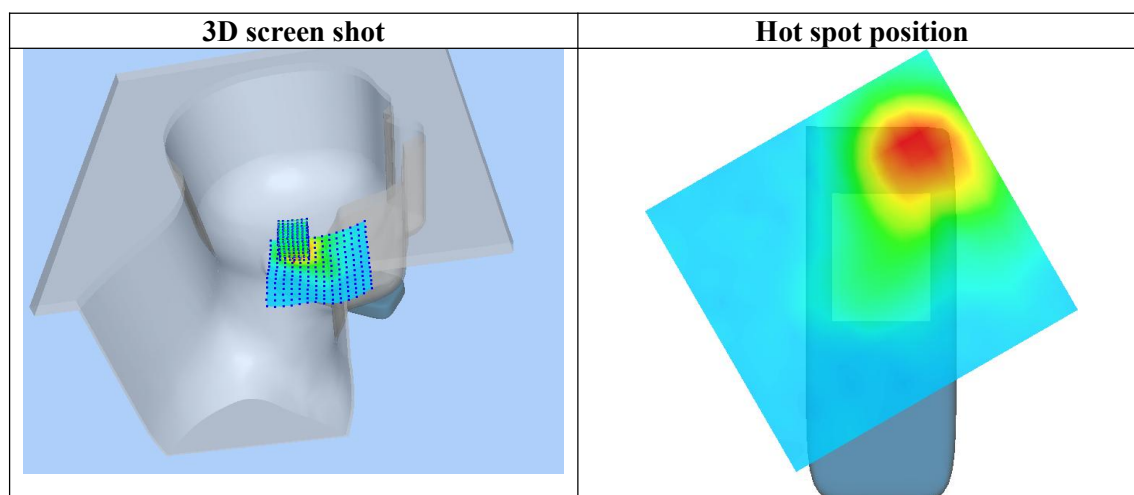
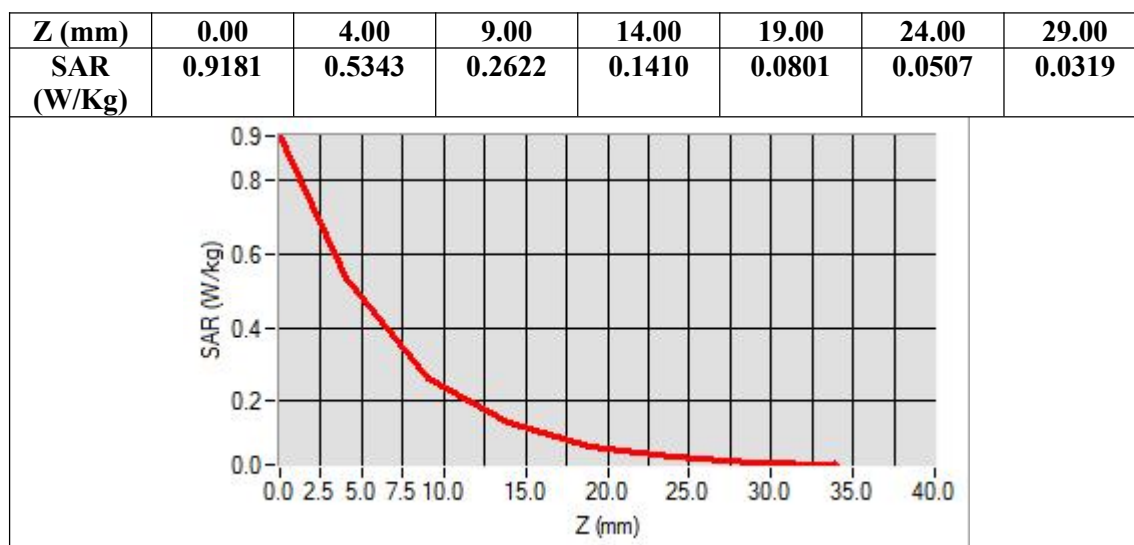
SAR 10g (W/Kg)	0.251957
SAR 1g (W/Kg)	0.496711

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**Test Laboratory: AGC Lab**  
**802.11b Low-Body-Worn- Back**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 24, 2024**

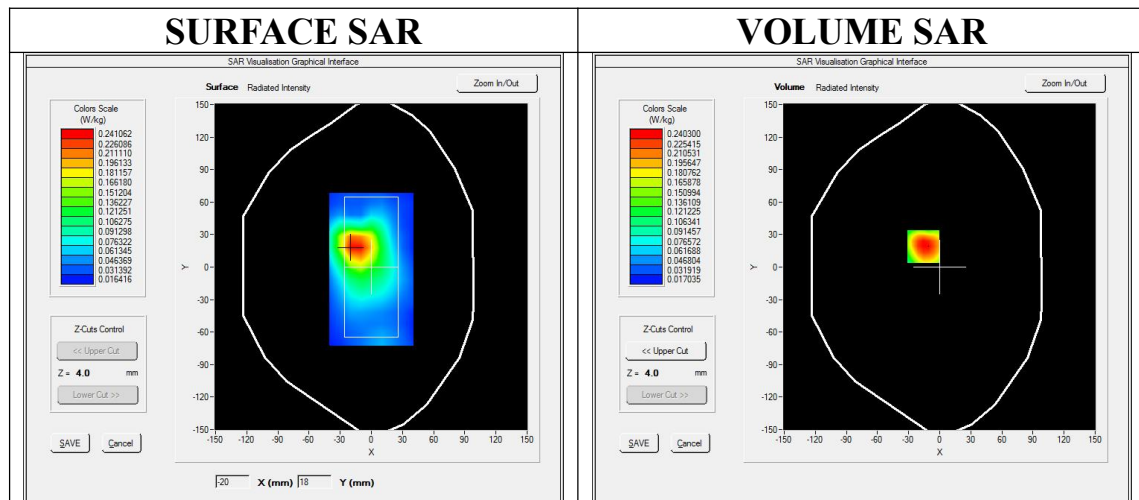
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.16;  
Frequency: 2412 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 40.62$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C):20.8, Liquid temperature (°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/802.11b Low- Body- Back /Area Scan:** Measurement grid: dx=8mm, dy=8mm  
**Configuration/802.11b Low- 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>	2450MHz
<b>Channels</b>	Low
<b>Signal</b>	Crest factor: 1.0



**Maximum location: X=-16.00, Y=19.00**

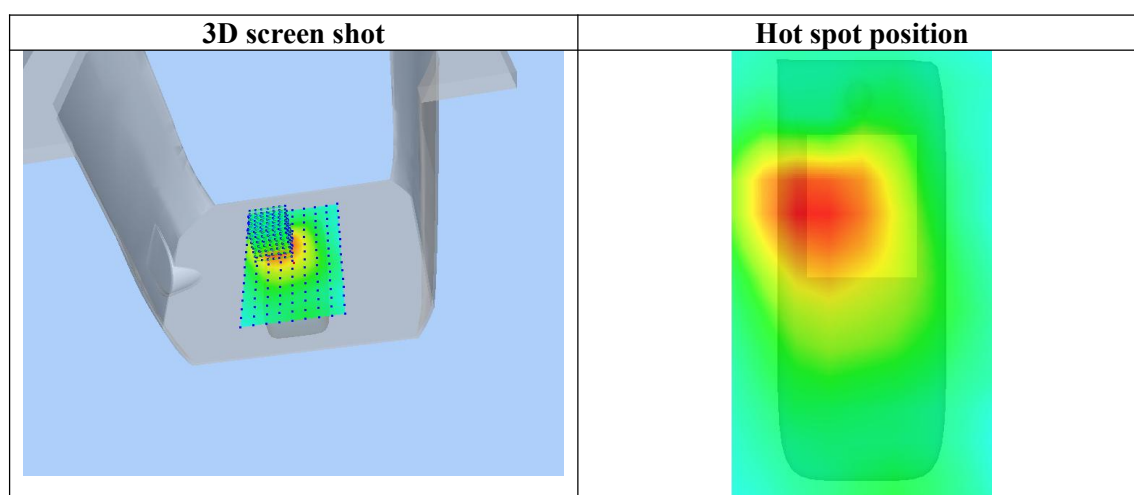
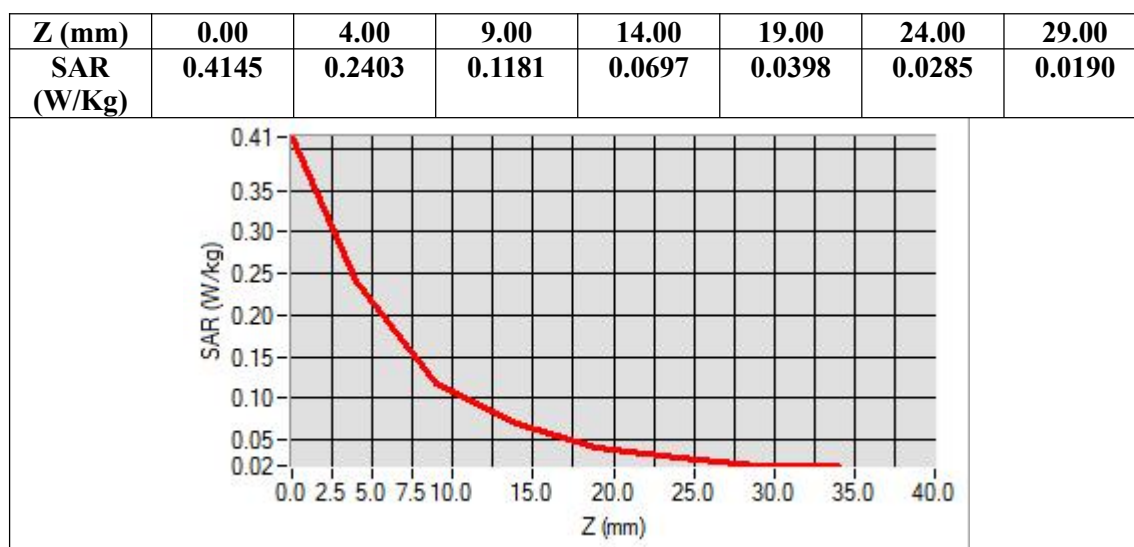
**SAR Peak: 0.40 W/kg**

<b>SAR 10g (W/Kg)</b>	0.128960
<b>SAR 1g (W/Kg)</b>	0.234081

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### 5.2GHz 802.11a

Test Laboratory: AGC Lab

802.11a CH48- Tilt -Left

DUT: Mobile phone; Type: S7

Date: Jul. 29, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.53;  
Frequency: 5240MHz; Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.62$  mho/m;  $\epsilon_r = 35.42$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.6, Liquid temperature (°C): 21.5

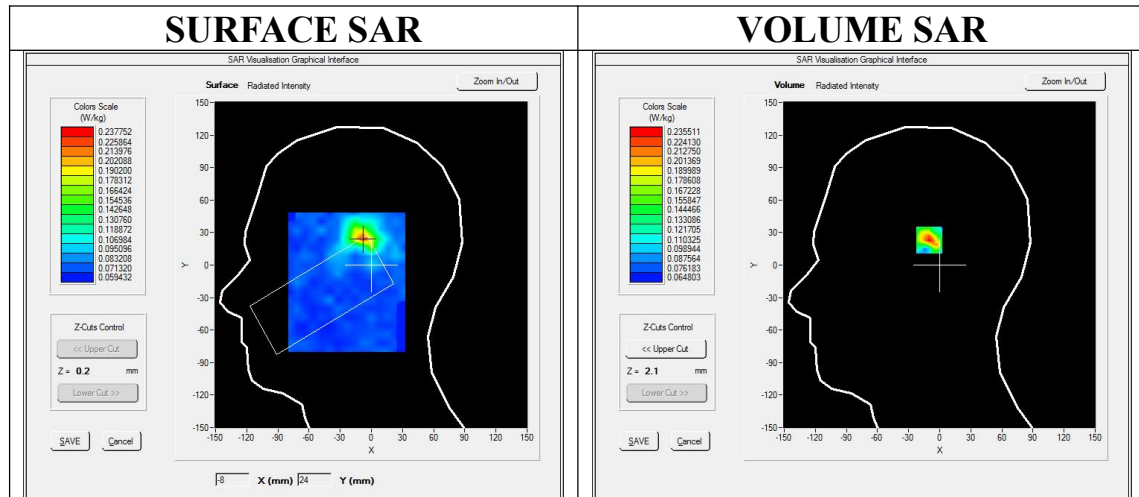
#### SATIMO Configuration:

- 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 CH48- Tilt -Left /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH48- 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	5200MHz
Channels	CH48
Signal	Crest factor: 1.0



Maximum location: X=-8.00, Y=25.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.121935
SAR 1g (W/Kg)	0.227593

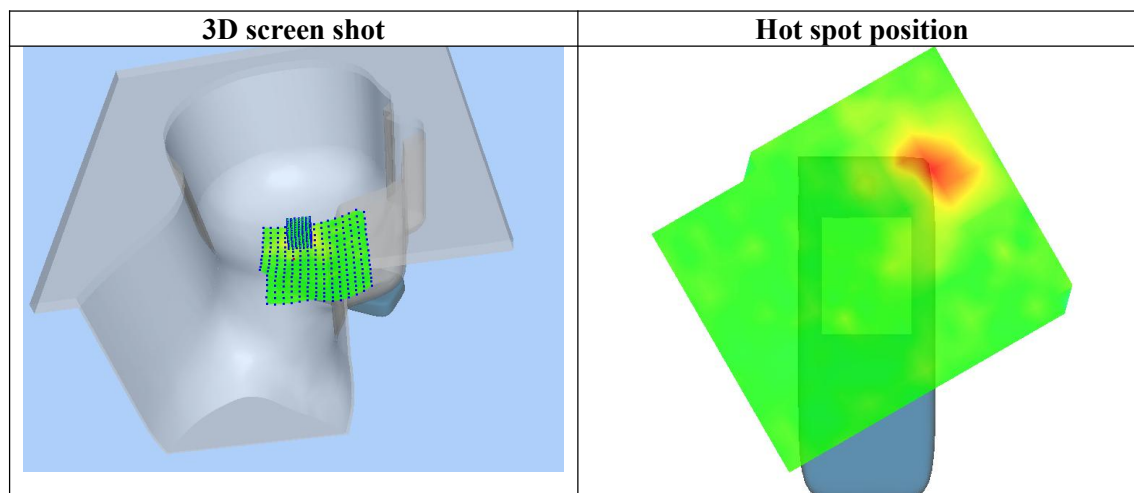
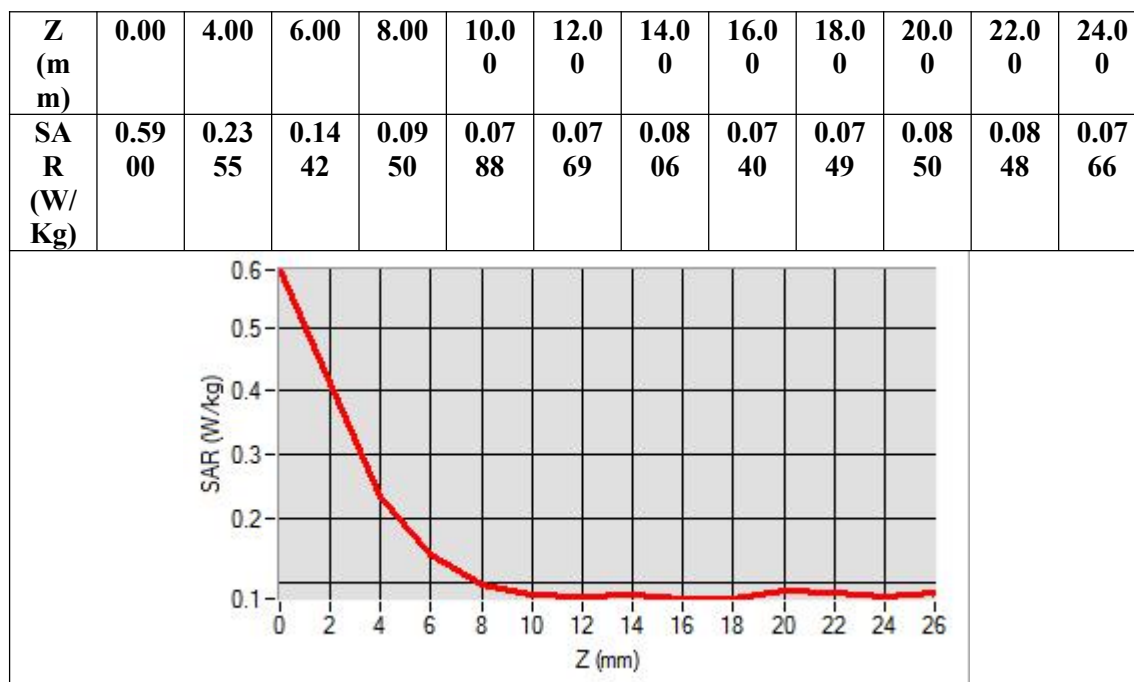
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**Test Laboratory: AGC Lab**  
**802.11a CH48-Edge1 (Top)**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 29, 2024**

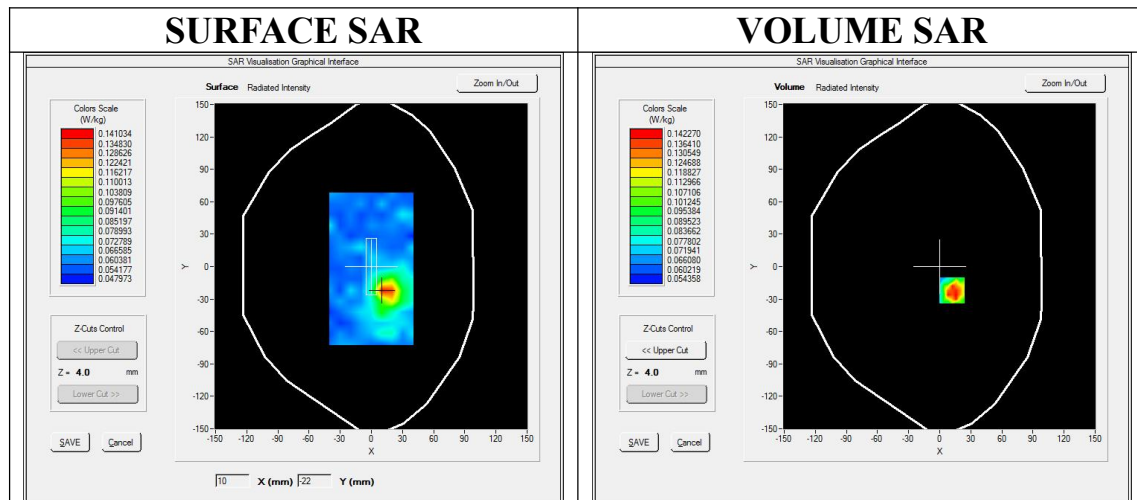
Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=2.35;  
Frequency: 5240MHz; Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.62 \text{ mho/m}$ ;  $\epsilon_r = 35.42$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.6, Liquid temperature ( $^{\circ}\text{C}$ ): 21.5

#### 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 CH48- Edge1 (Top) /Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$   
**Configuration/802.11a CH48- Edge1 (Top) /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 (Top)
<b>Band</b>	5200MHz
<b>Channels</b>	CH48
<b>Signal</b>	Crest factor: 1.0



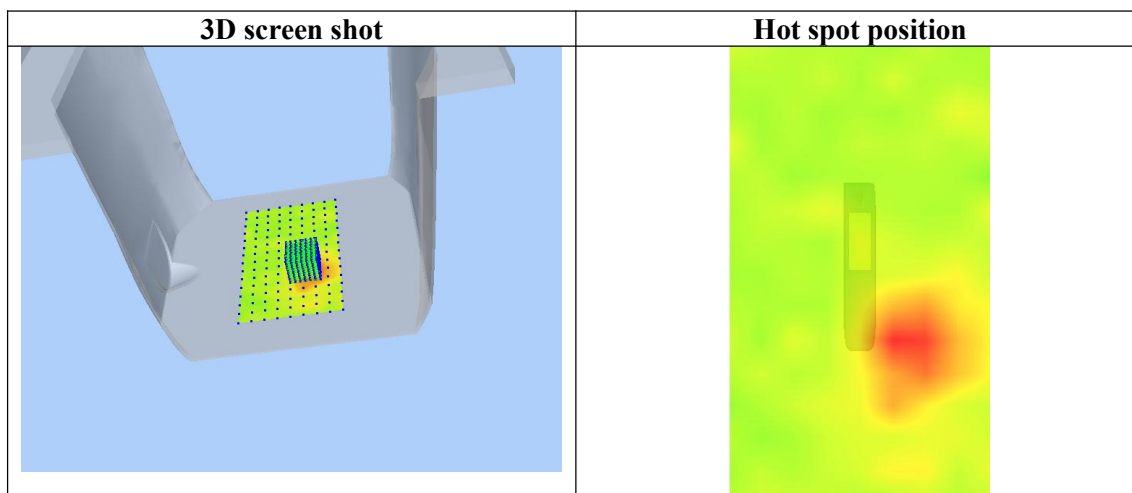
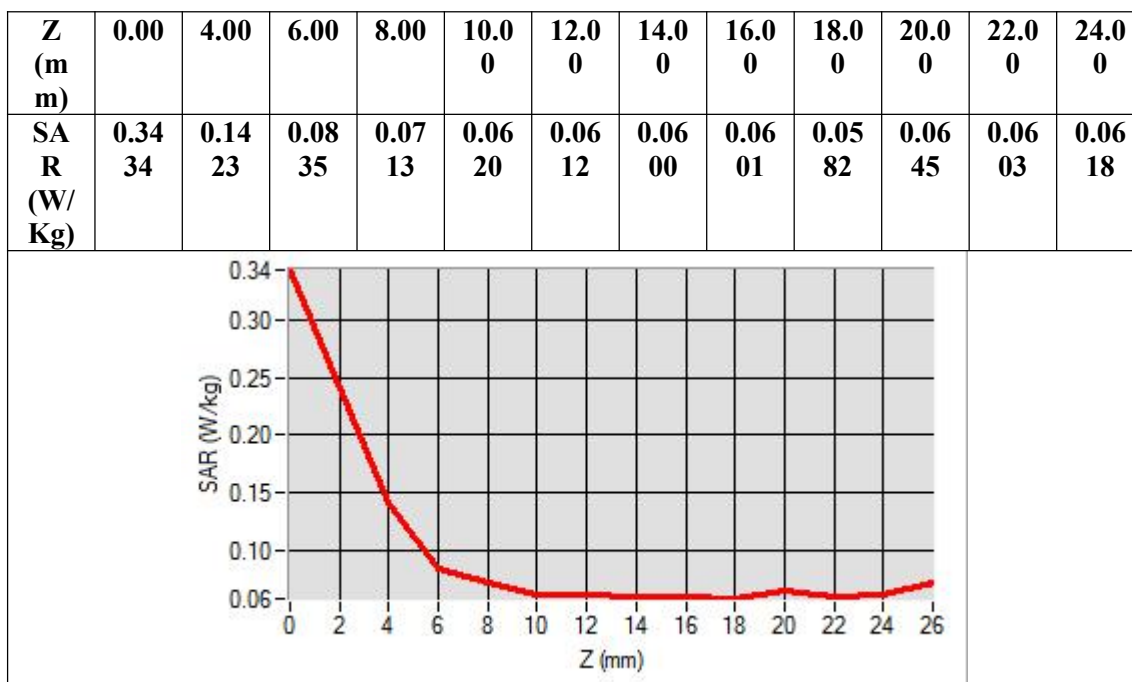
**Maximum location: X=12.00, Y=-22.00**

**SAR Peak: 0.35 W/kg**

<b>SAR 10g (W/Kg)</b>	0.089469
<b>SAR 1g (W/Kg)</b>	0.139051

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### 5.3GHz 802.11a

Test Laboratory: AGC Lab

802.11a CH52-Touch-Left

DUT: Mobile phone; Type: S7

Date: Jul. 30, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.53;  
Frequency: 5260MHz; Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.61 \text{ mho/m}$ ;  $\epsilon_r = 36.66$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.4, Liquid temperature ( $^{\circ}\text{C}$ ): 21.1

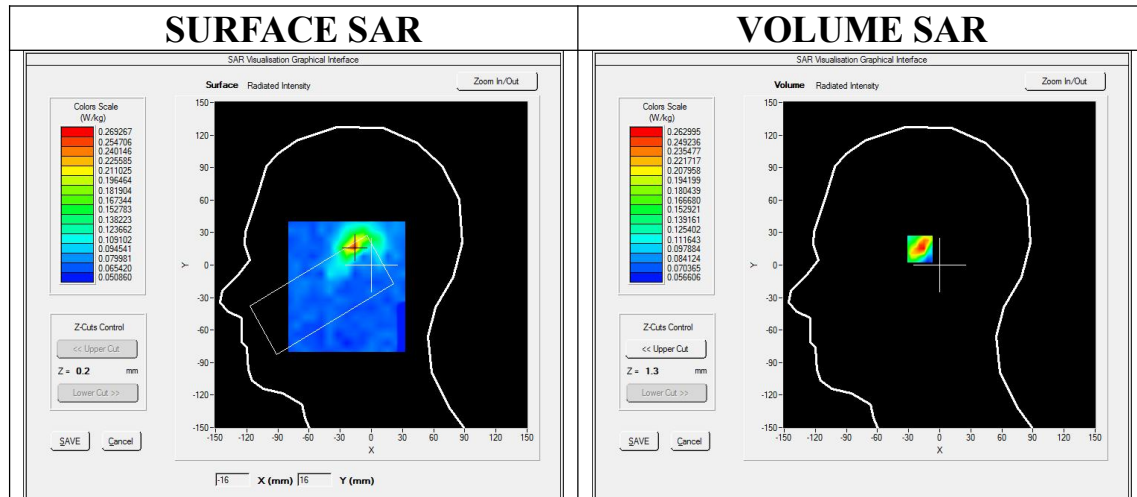
#### SATIMO Configuration:

- 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/802.11a CH52- Touch-Left /Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$

**Configuration/802.11a CH52- Touch-Left /Zoom Scan:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

<b>Area Scan</b>	$dx=8\text{mm}$ $dy=8\text{mm}$ , $h= 5.00 \text{ mm}$
<b>ZoomScan</b>	$7\times 7\times 12$ $dx=4\text{mm}$ $dy=4\text{mm}$ $dz=2\text{mm}$
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	5300MHz
<b>Channels</b>	CH52
<b>Signal</b>	Crest factor: 1.0



**Maximum location: X=-17.00, Y=17.00**

**SAR Peak: 0.65 W/kg**

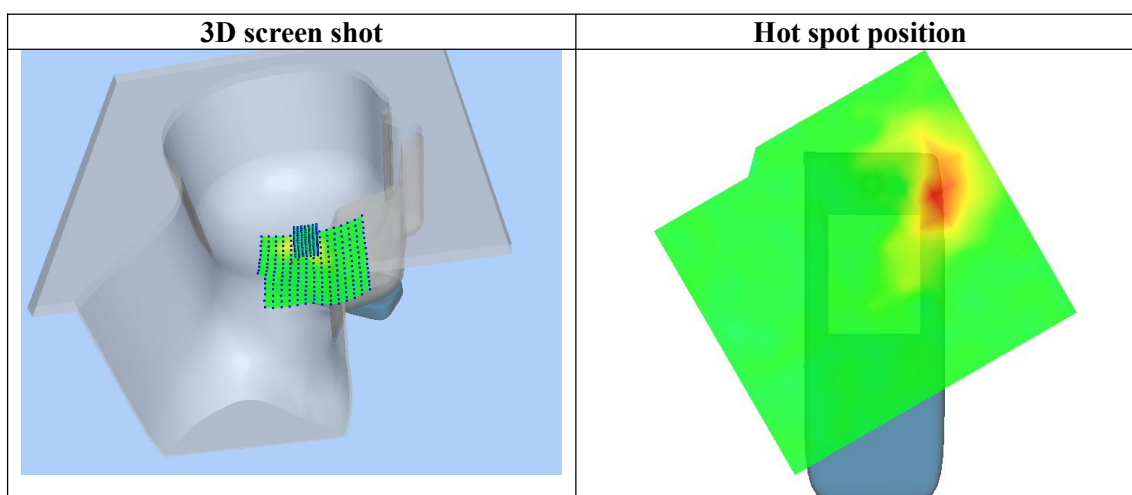
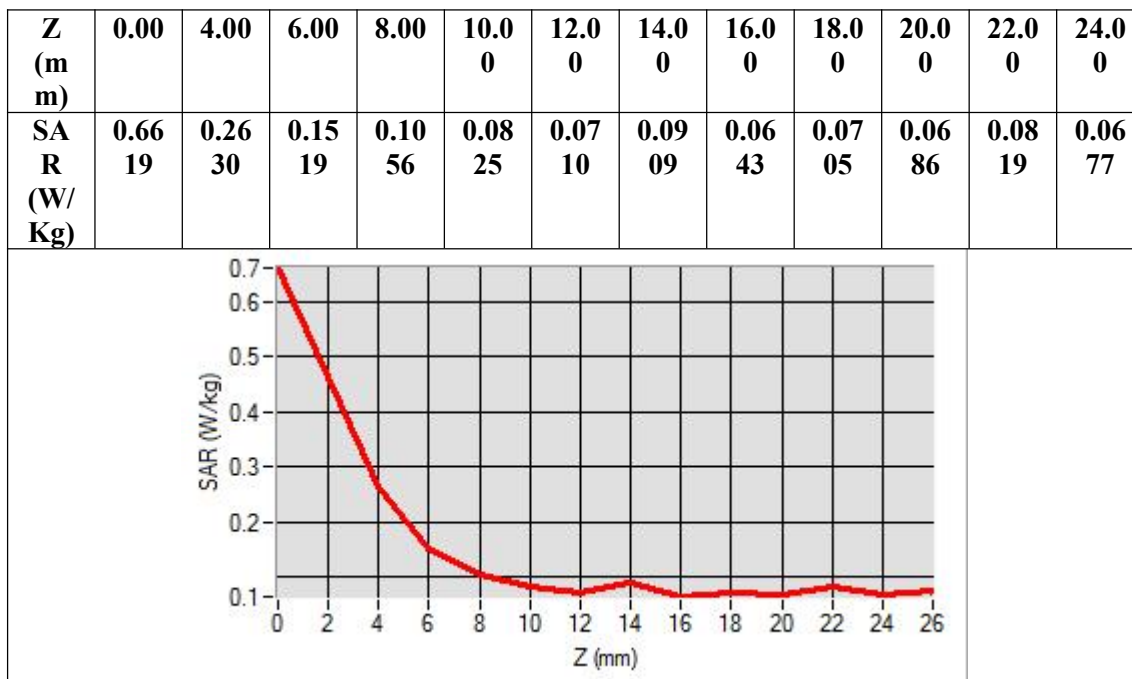
<b>SAR 10g (W/Kg)</b>	0.126747
<b>SAR 1g (W/Kg)</b>	0.252617

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**Test Laboratory: AGC Lab**  
**802.11a CH52- Edge 2 (Right)**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 30, 2024**

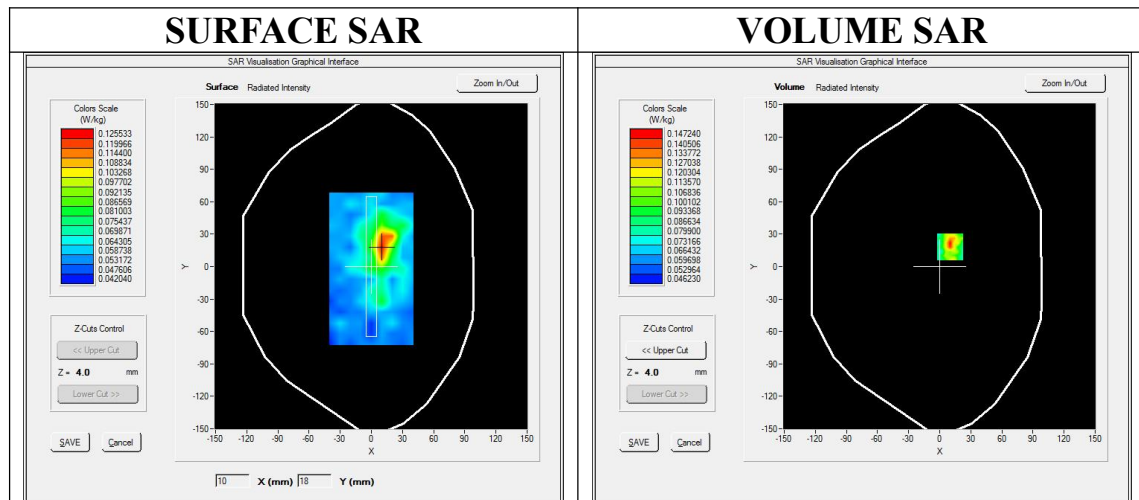
Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.53;  
Frequency: 5260MHz; Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.61 \text{ mho/m}$ ;  $\epsilon_r = 36.66$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.4, Liquid temperature ( $^{\circ}\text{C}$ ): 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/802.11a CH52- Edge 2 (Right)/Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$   
**Configuration/802.11a CH52- Edge 2 (Right)/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>	Edge 2 (Right)
<b>Band</b>	5300MHz
<b>Channels</b>	CH52-
<b>Signal</b>	Crest factor: 1.0



**Maximum location: X=10.00, Y=18.00**

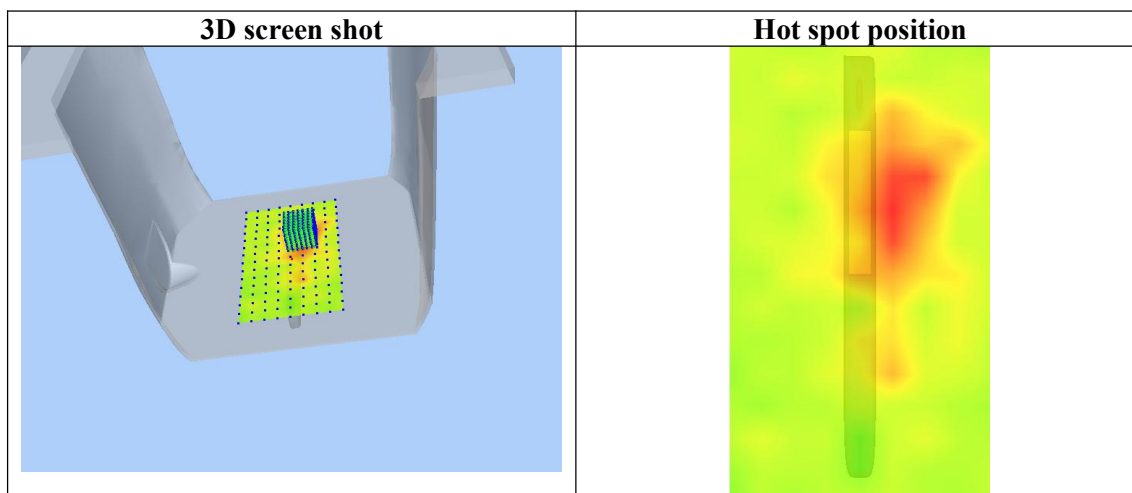
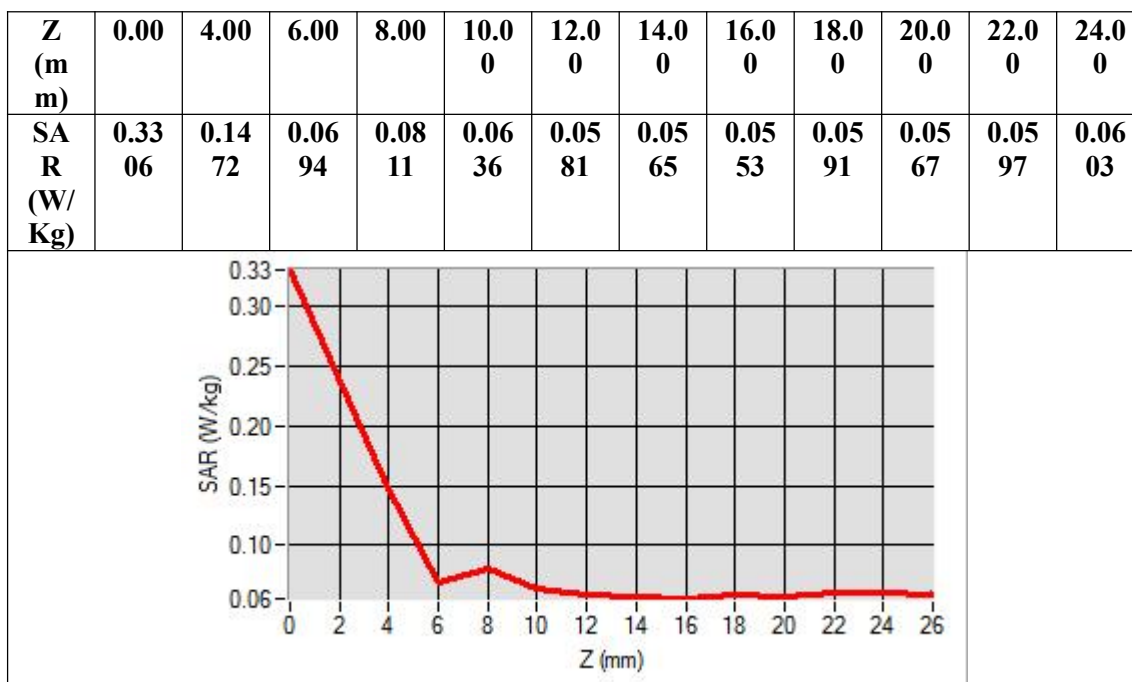
**SAR Peak: 0.34 W/kg**

<b>SAR 10g (W/Kg)</b>	0.082272
<b>SAR 1g (W/Kg)</b>	0.135022

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### 5.6GHz 802.11a

Test Laboratory: AGC Lab

802.11a CH100-Touch-Left

DUT: Mobile phone; Type: S7

Date: Aug. 09, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.24;  
Frequency: 5500MHz; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 37.21$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.3, Liquid temperature (°C): 20.9

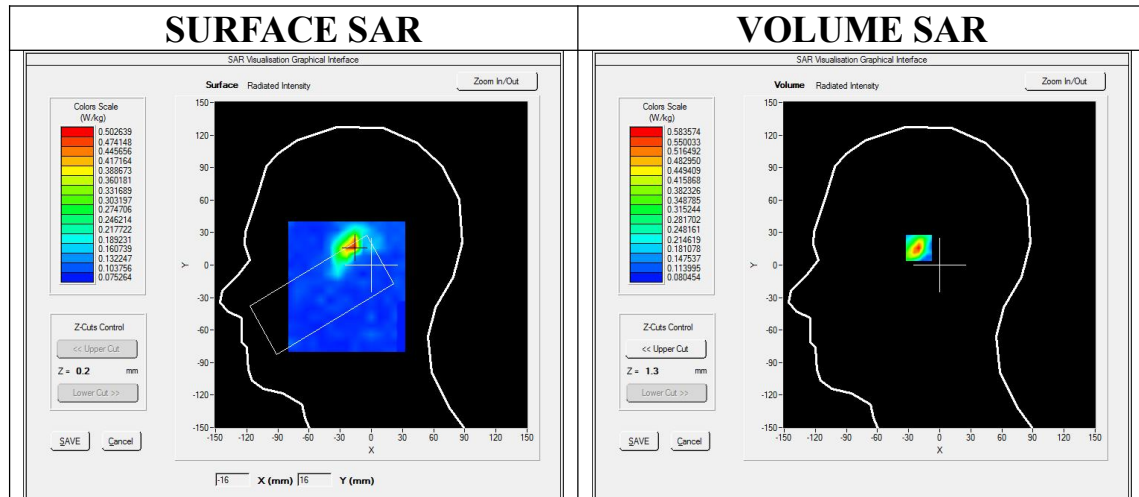
#### SATIMO Configuration:

- 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/802.11a CH100- Touch-Left /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH100-Touch-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	Cheek
Band	5600MHz
Channels	CH100
Signal	Crest factor: 1.0



Maximum location: X=-18.00, Y=18.00

SAR Peak: 1.61 W/kg

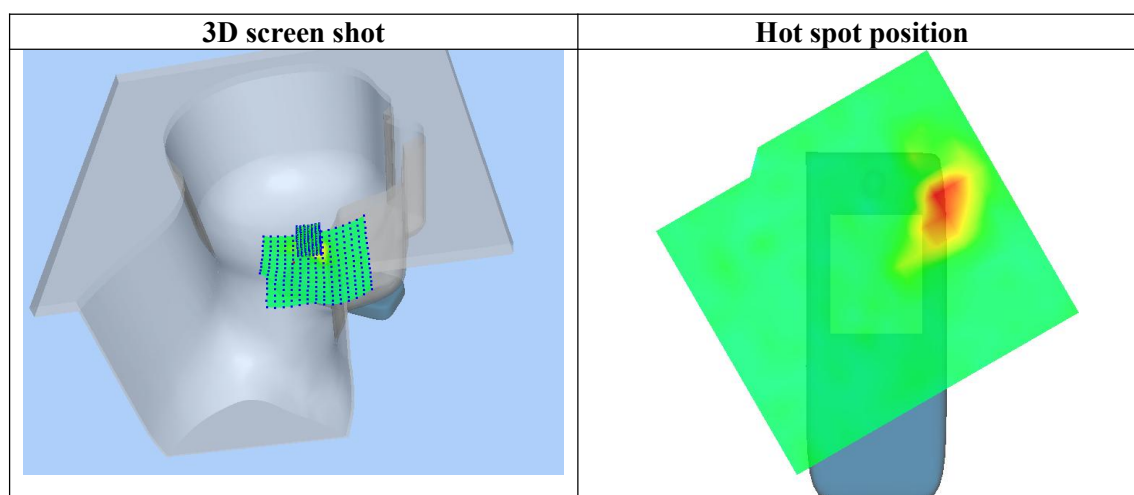
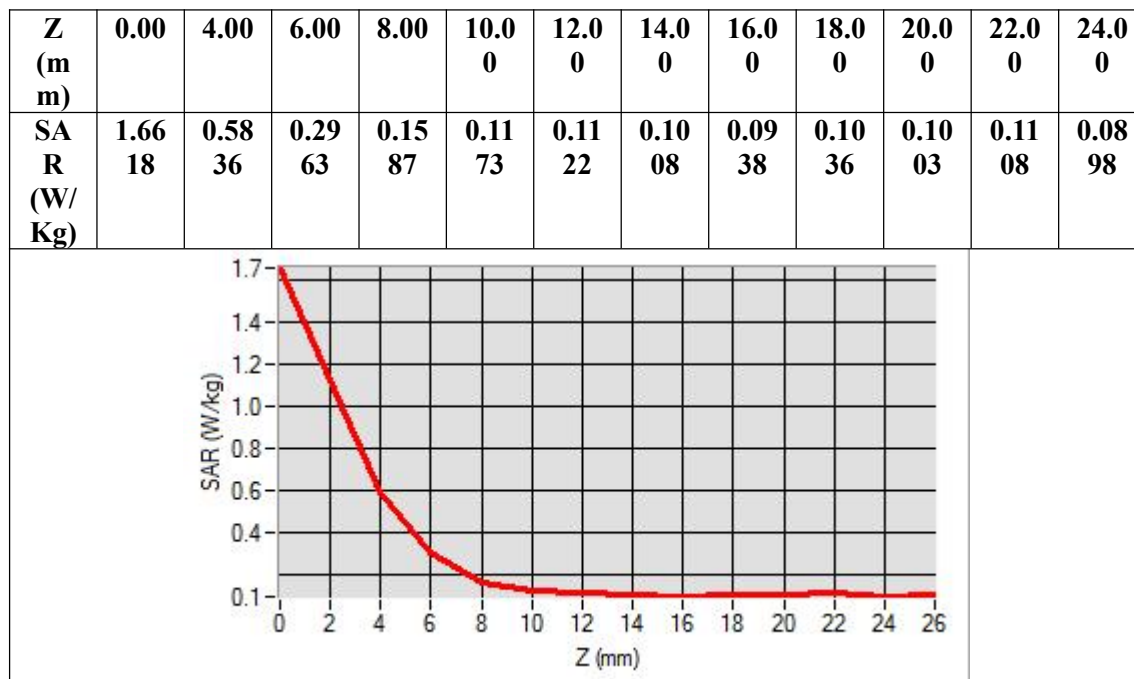
SAR 10g (W/Kg)	0.222519
SAR 1g (W/Kg)	0.536323

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Test Laboratory: AGC Lab  
802.11a CH100- Back  
DUT: Mobile phone; Type: S7

Date: Aug. 09, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.24;  
Frequency: 5500MHz; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 37.21$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.3, Liquid temperature (°C): 20.9

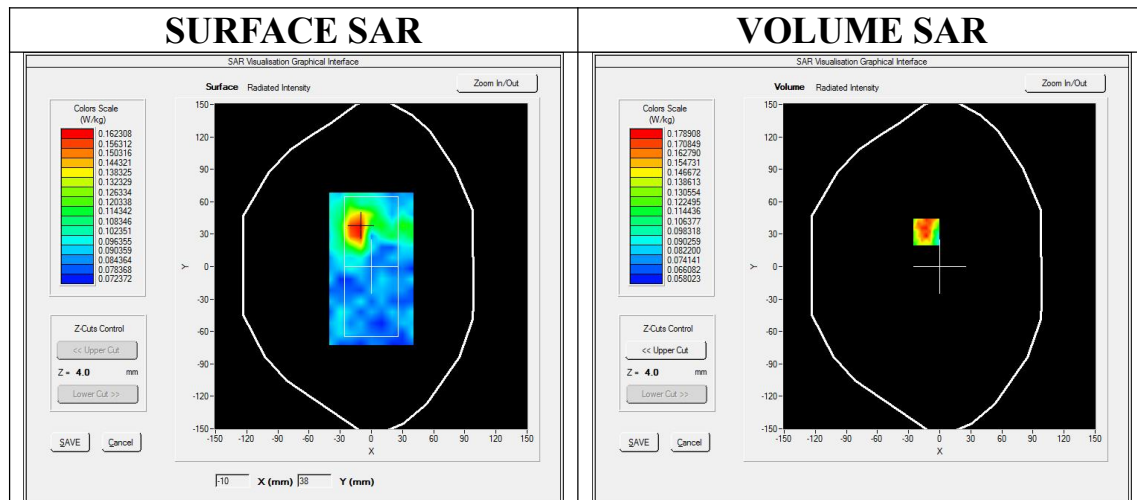
#### SATIMO Configuration:

- 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/802.11a CH100- Back /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH100- Back /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Back
Band	5600MHz
Channels	CH100
Signal	Crest factor: 1.0



Maximum location: X=-13.00, Y=32.00

SAR Peak: 0.45 W/kg

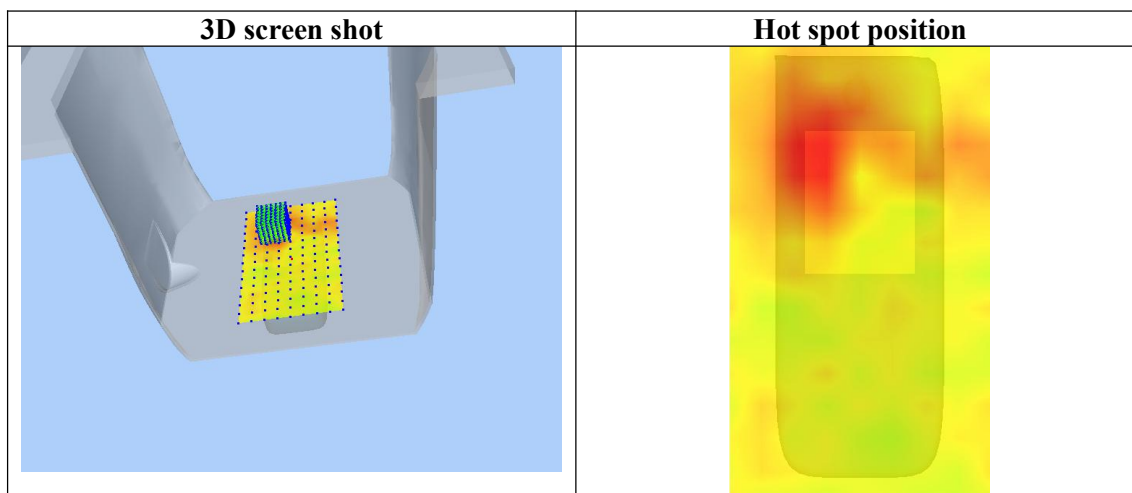
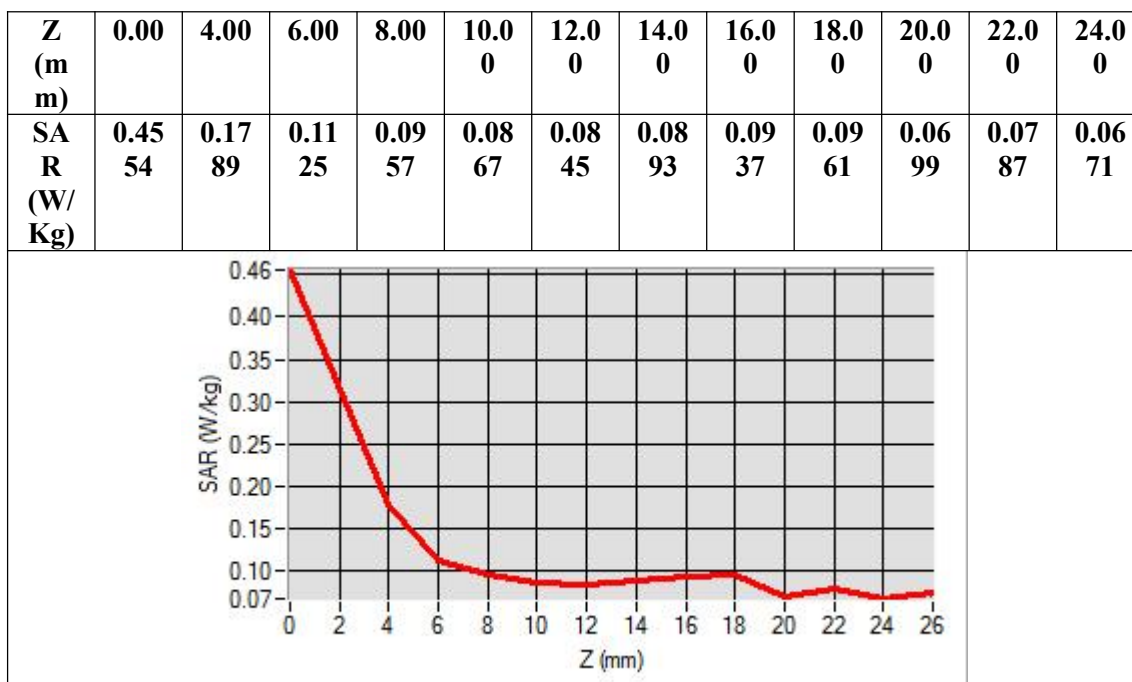
SAR 10g (W/Kg)	0.119357
SAR 1g (W/Kg)	0.183189

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**5.8GHz 802.11n HT20**  
**Test Laboratory: AGC Lab**  
**802.11a CH157- Touch-Left**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 31, 2024**

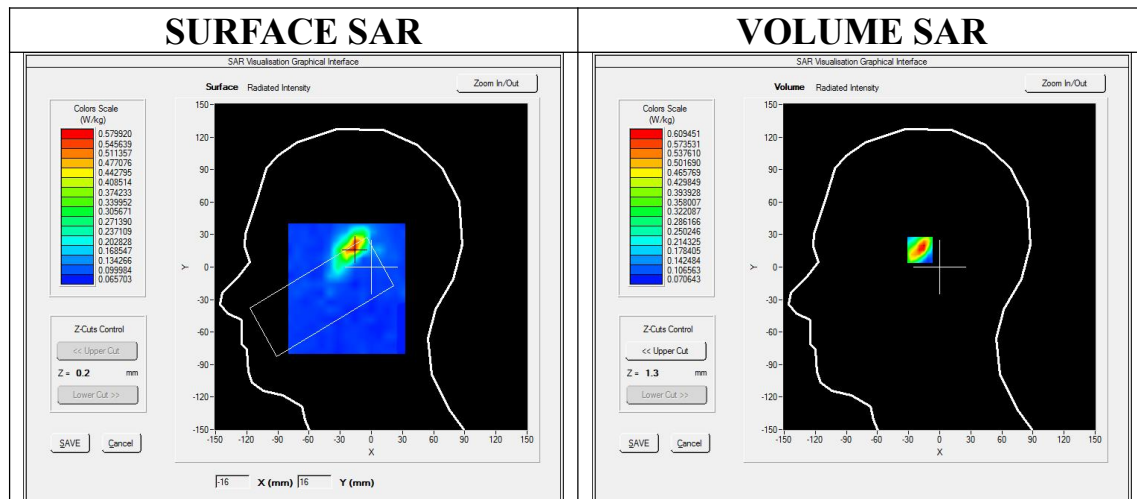
Communication System: Wi-Fi; Communication System Band: 802.11n HT20; Duty Cycle: 1:1; Conv.F=1.37;  
Frequency: 5785MHz; Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.29 \text{ mho/m}$ ;  $\epsilon_r = 37.91$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.6, Liquid temperature ( $^{\circ}\text{C}$ ): 21.5

**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- Touch-Left /Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$   
**Configuration/802.11a CH157- Touch-Left /Zoom Scan:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

<b>Area Scan</b>	$dx=8\text{mm}$ $dy=8\text{mm}$ , $h= 5.00 \text{ mm}$
<b>ZoomScan</b>	$7 \times 7 \times 12$ $dx=4\text{mm}$ $dy=4\text{mm}$ $dz=2\text{mm}$
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	5800MHz
<b>Channels</b>	Middle
<b>Signal</b>	Crest factor: 1.0



**Maximum location: X=-17.00, Y=18.00**

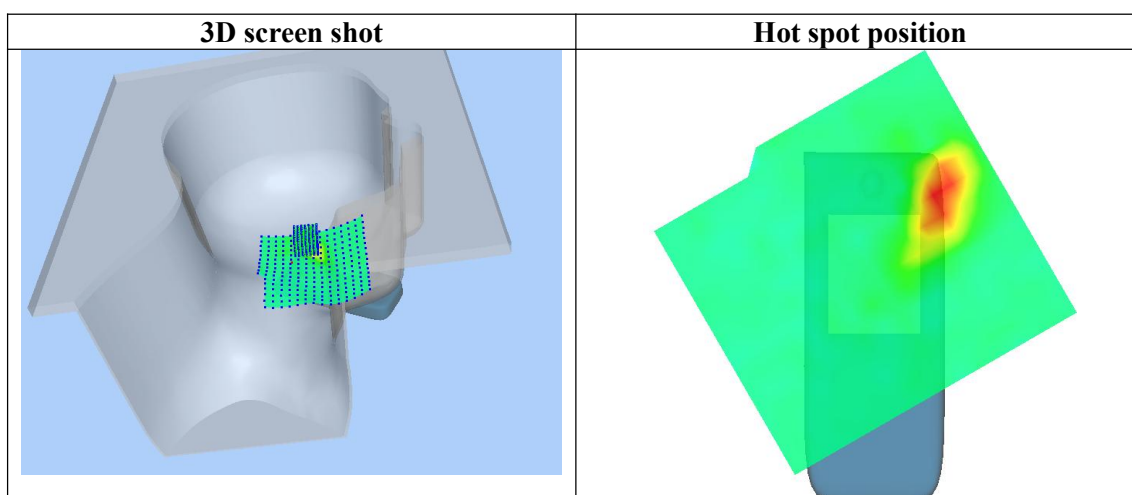
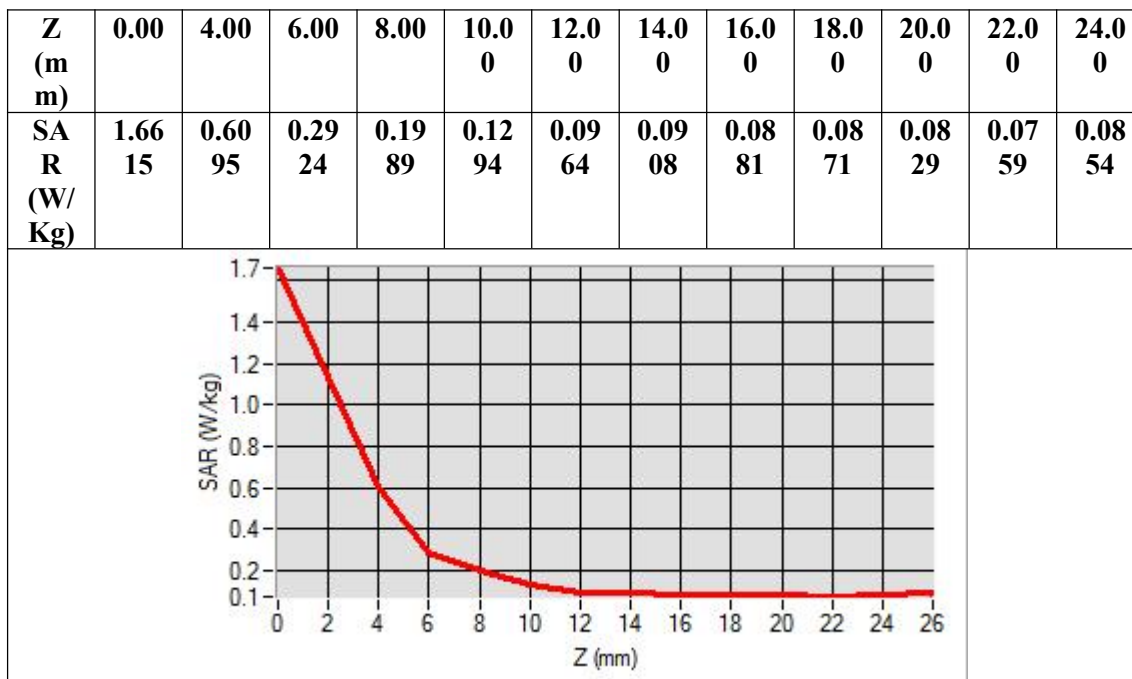
**SAR Peak: 1.70 W/kg**

<b>SAR 10g (W/Kg)</b>	0.232775
<b>SAR 1g (W/Kg)</b>	0.589664

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**Test Laboratory: AGC Lab**  
**802.11n HT20 CH157- Edge 2 (Right)**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 31, 2024**

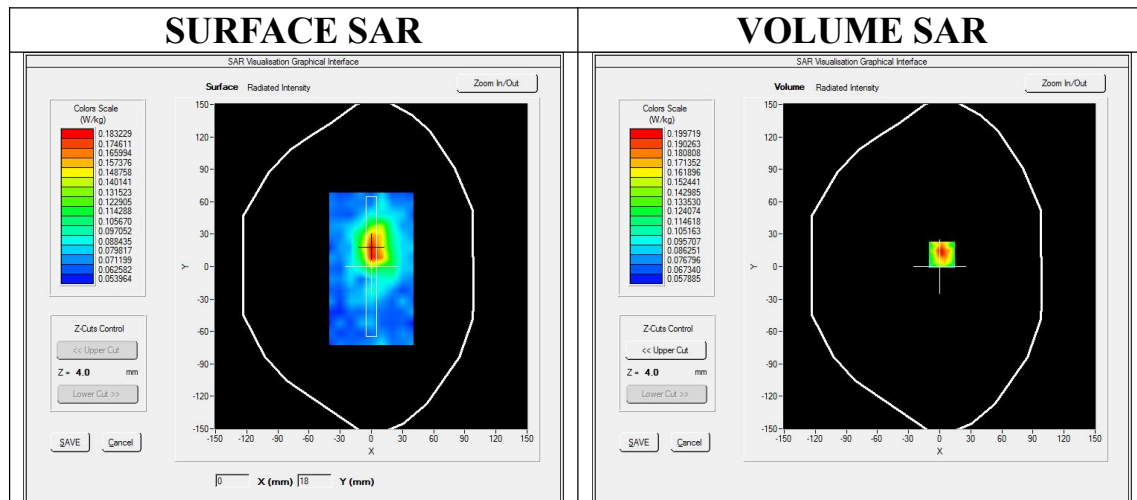
Communication System: Wi-Fi; Communication System Band: 802.11n HT20; Duty Cycle: 1:1; Conv.F=1.37;  
Frequency: 5785MHz; Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.29 \text{ mho/m}$ ;  $\epsilon_r = 37.91$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.6, Liquid temperature ( $^{\circ}\text{C}$ ): 21.5

**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/ 802.11n HT20 CH157- Edge 2 (Right) /Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$   
**Configuration/ 802.11n HT20 CH157- Edge 2 (Right)/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>	Edge 2 (Right)
<b>Band</b>	5800MHz
<b>Channels</b>	Middle
<b>Signal</b>	Crest factor: 1.0



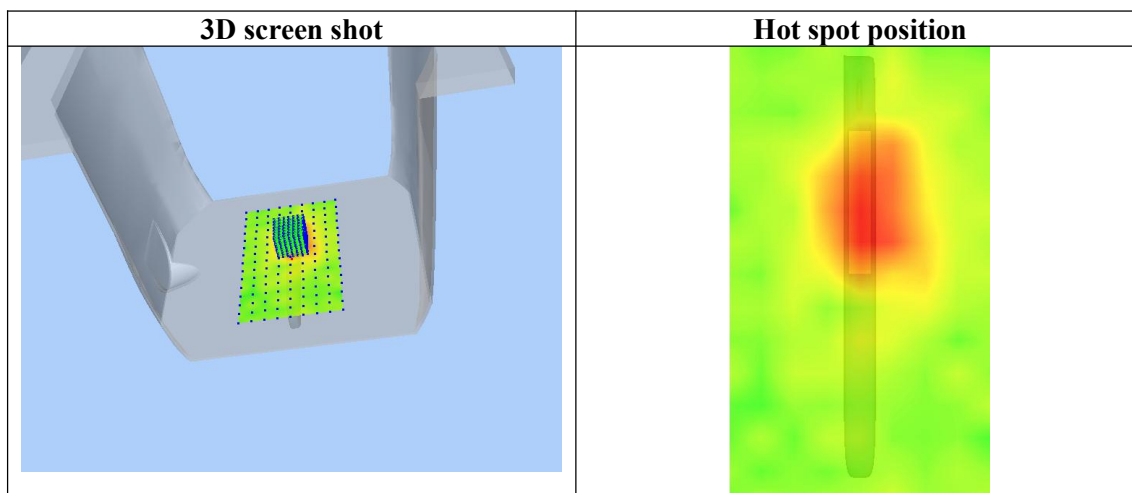
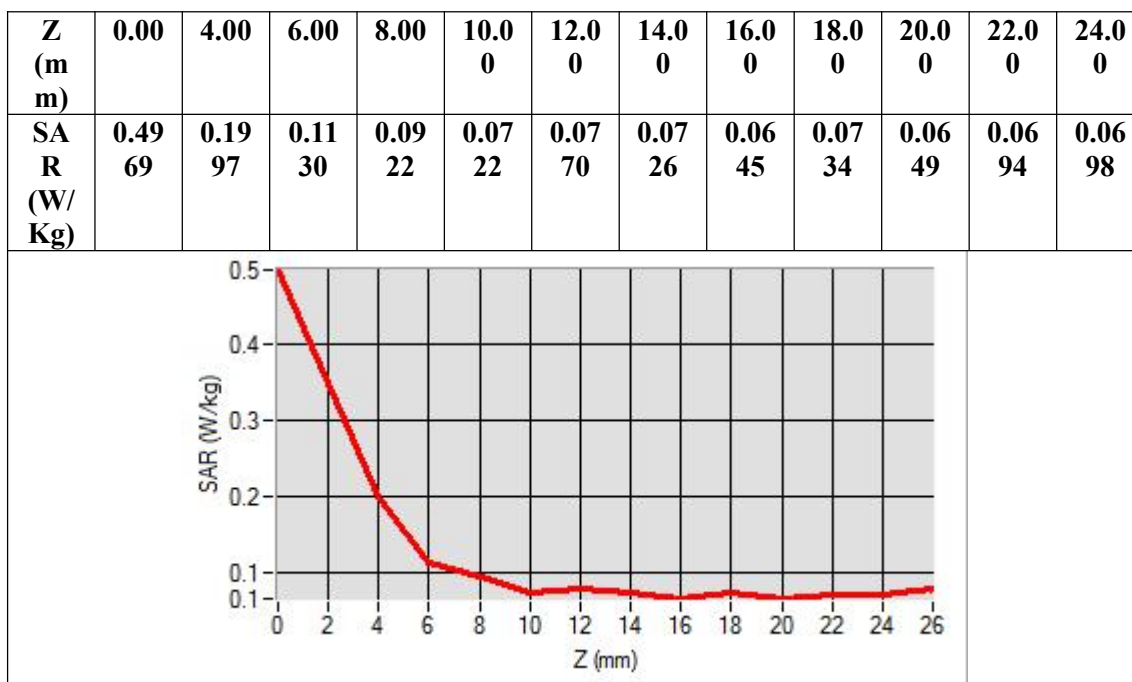
**Maximum location: X=2.00, Y=11.00**

**SAR Peak: 0.48 W/kg**

<b>SAR 10g (W/Kg)</b>	0.116065
<b>SAR 1g (W/Kg)</b>	0.201921

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## Repeated SAR

Test Laboratory: AGC Lab  
GPRS 850 Mid- Body- Back (4up)  
DUT: Mobile phone; Type: S7

Date: Jul. 22, 2024

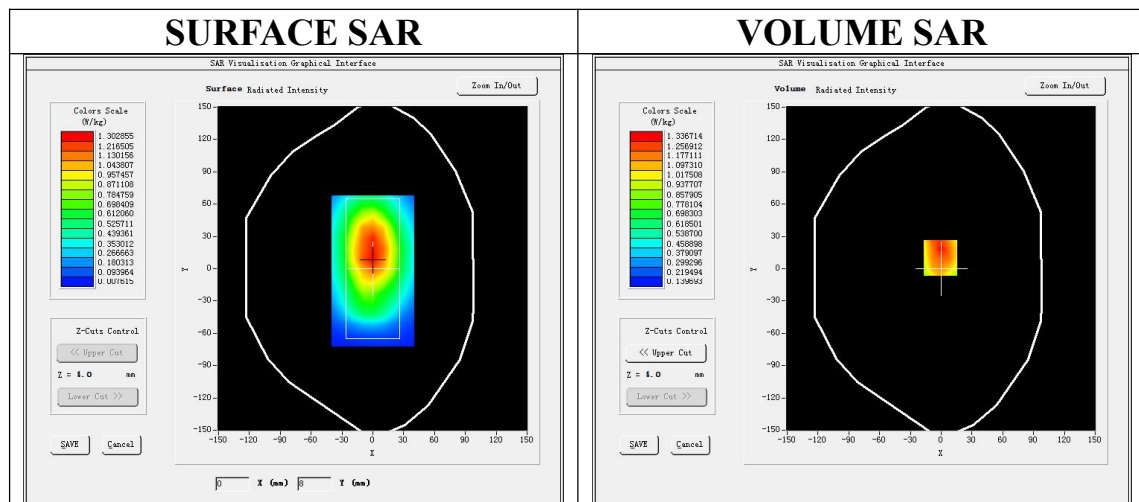
Communication System: GPRS-4 Slot; Communication System Band: GSM 850; Duty Cycle: 1:2.1; Conv.F=1.89;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.90$  mho/m;  $\epsilon_r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.1, 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/GPRS 850 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm  
Configuration/GPRS 850 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 2.0)

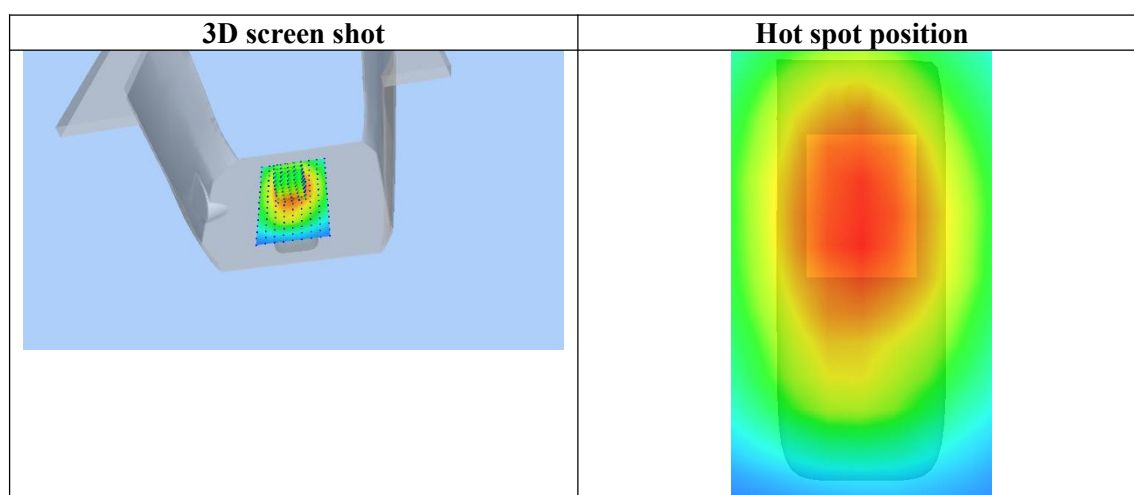
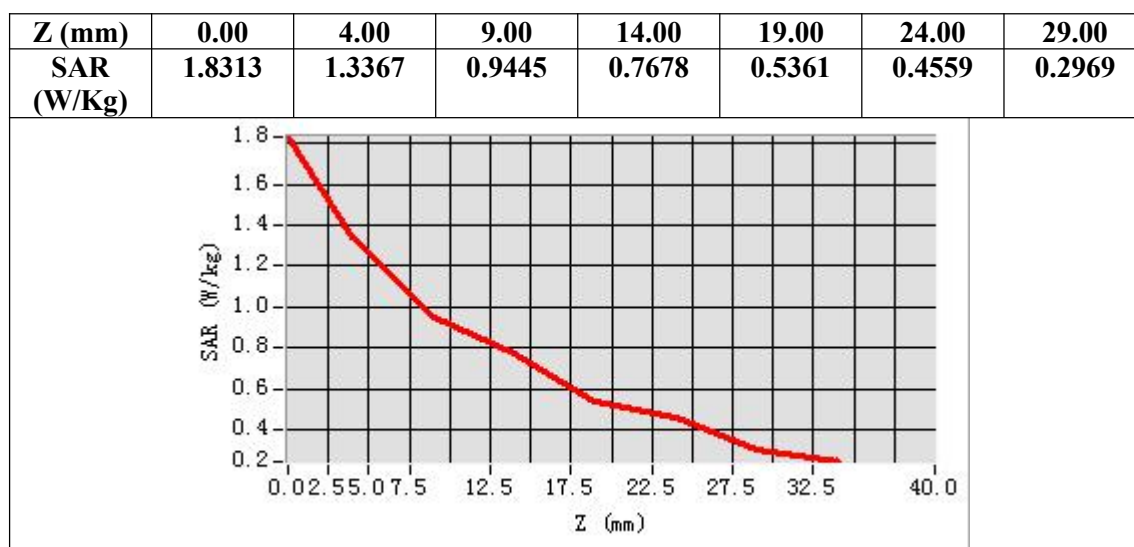


Maximum location: X=-1.00, Y=10.00  
SAR Peak: 1.74 W/kg

SAR 10g (W/Kg)	0.901897
SAR 1g (W/Kg)	1.272583

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**Test Laboratory: AGC Lab**  
**LTE Band 4 Low-Body-Back (1 RB#0)**  
DUT: Mobile phone; Type: S7

**Date: Jul. 20, 2024**

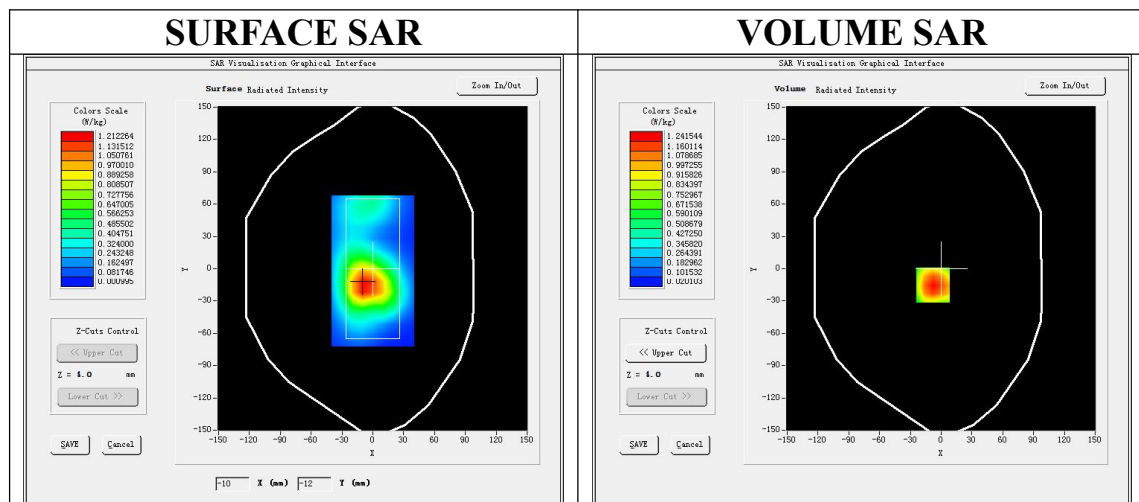
Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.28;  
Frequency: 1720 MHz; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.31$  mho/m;  $\epsilon_r = 41.76$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.5

**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 4 Low-Body-Back/Area Scan:** Measurement grid: dx=8mm, dy=8mm  
**Configuration/ LTE Band 4 Low-Body-Back/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	surf_sam_plan.txt, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body Back
<b>Band</b>	LTE Band 4
<b>Channels</b>	Low
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-8.00, Y=-15.00**

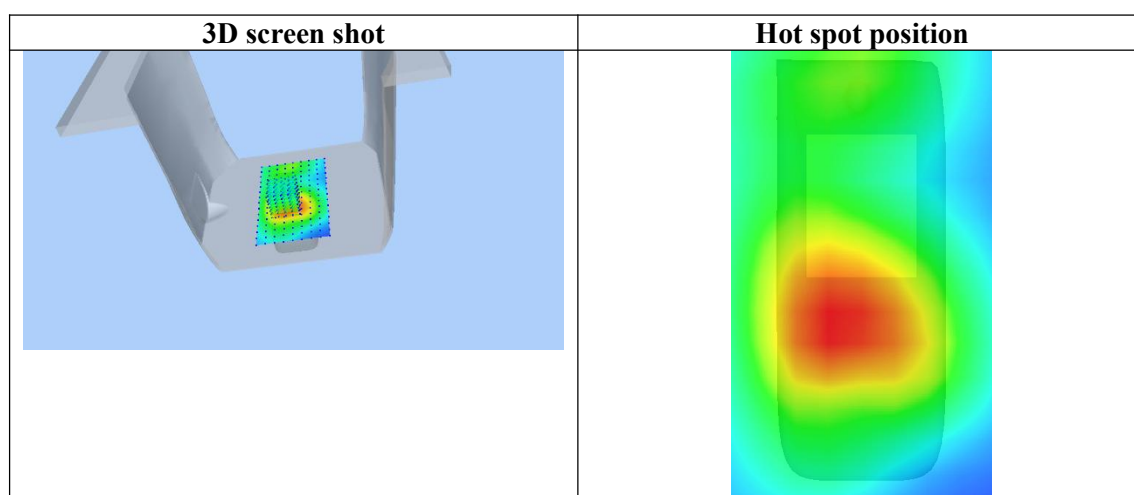
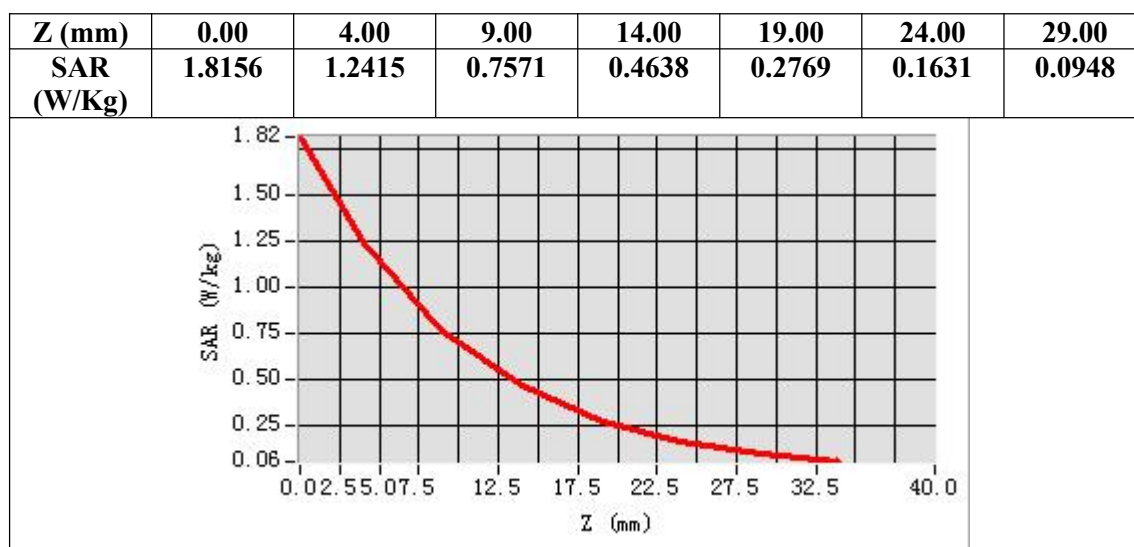
**SAR Peak: 1.87 W/kg**

<b>SAR 10g (W/Kg)</b>	0.692965
<b>SAR 1g (W/Kg)</b>	1.197263

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**Test Laboratory: AGC Lab**  
**LTE Band 7 Mid-Body-Front (1RB#0)**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 25, 2024**

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=2.06  
Frequency: 2535MHz; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.80$  mho/m;  $\epsilon_r = 40.72$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.9

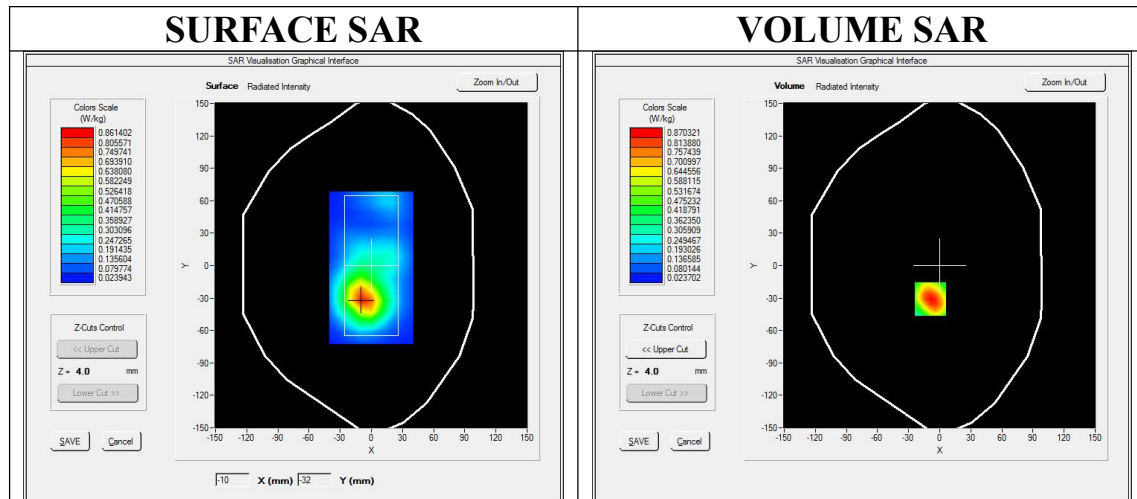
**SATIMO Configuration:**

- 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 7 Mid-Body-Front /Area Scan:** Measurement grid: dx=10mm, y=10mm

**Configuration/ LTE BAND 7 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>	LTE BAND 7
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)

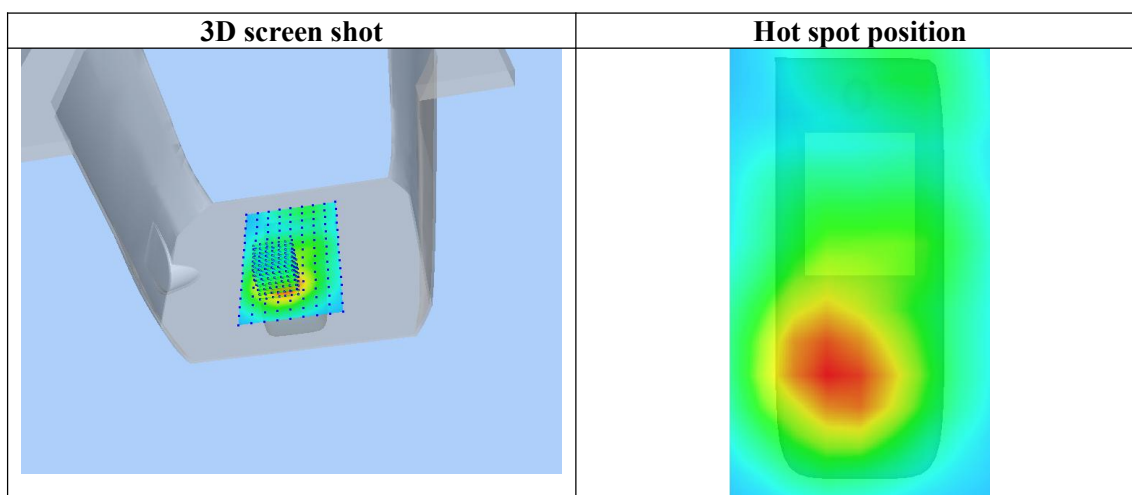
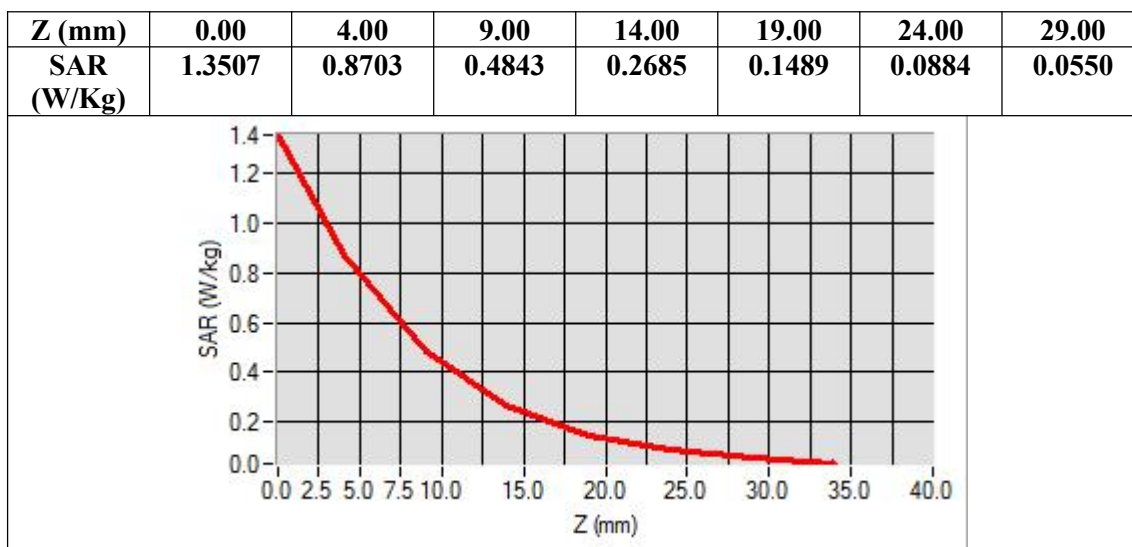


**Maximum location: X=-9.00, Y=-31.00**

**SAR Peak: 1.34 W/kg**

<b>SAR 10g (W/Kg)</b>	0.446716
<b>SAR 1g (W/Kg)</b>	0.817150

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**Test Laboratory: AGC Lab**  
**LTE Band 12 High-Body-Back (1 RB#0)**  
DUT: Mobile phone; Type: S7

**Date: Jul. 23, 2024**

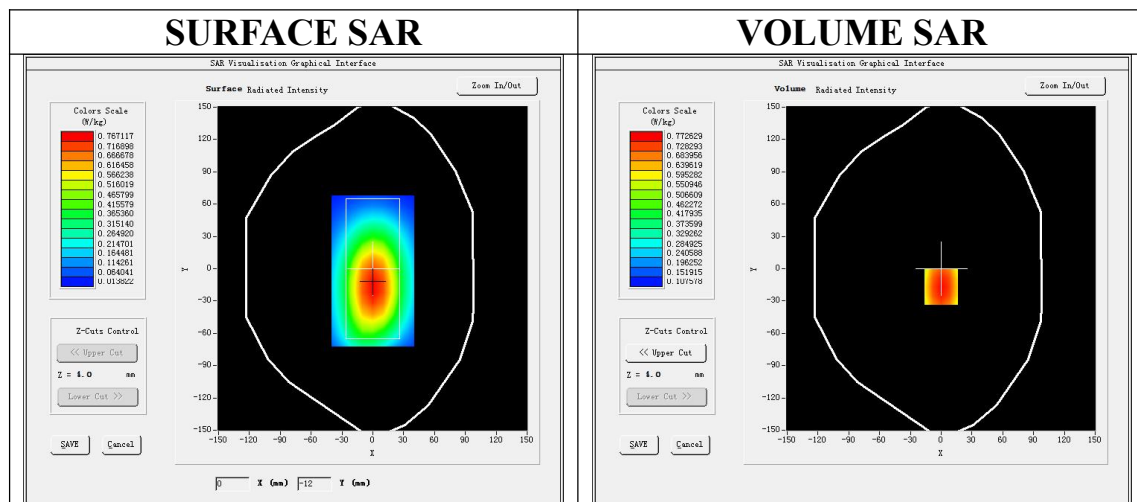
Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=2.04;  
Frequency: 711 MHz; Medium parameters used:  $f = 750$  MHz;  $\sigma=0.89$  mho/m;  $\epsilon_r=42.91$ ;  $\rho=1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.9, 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/ LTE Band 12 High-Body-Back/Area Scan:** Measurement grid: dx=8mm, dy=8mm  
**Configuration/ LTE Band 12 High-Body-Back/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	surf_sam_plan.txt, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body Back
<b>Band</b>	LTE Band 12
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)



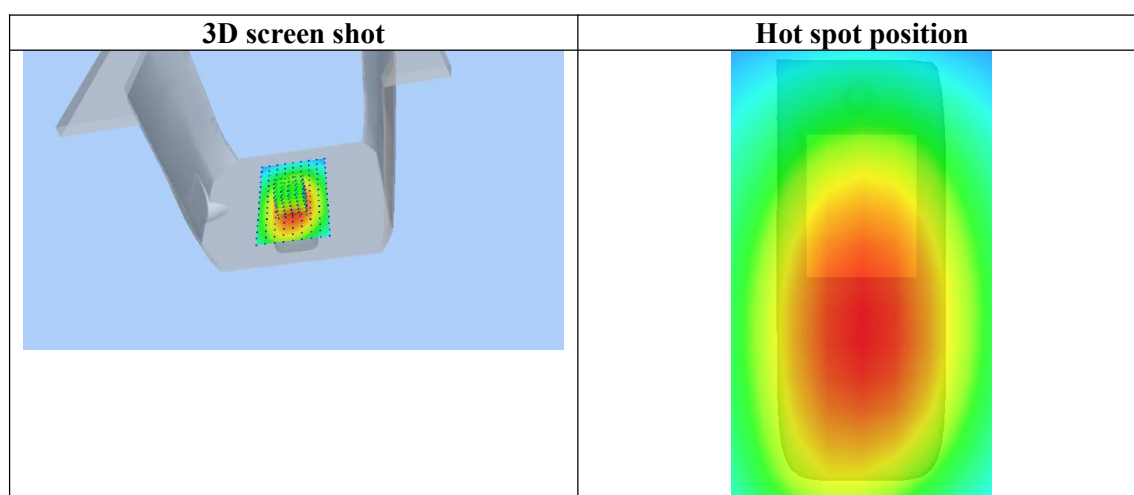
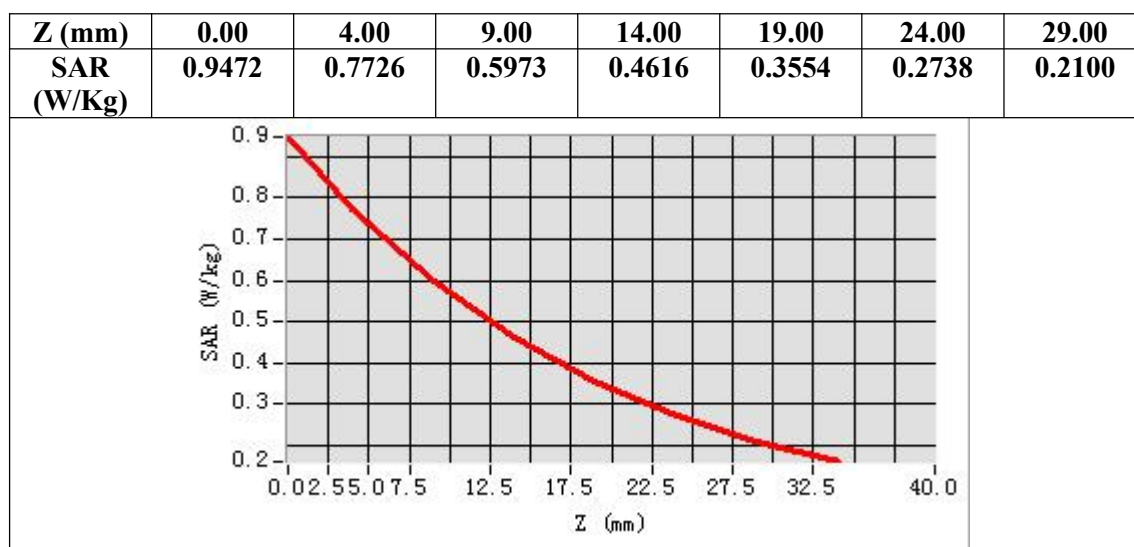
**Maximum location: X=0.00, Y=-17.00**

**SAR Peak: 0.95 W/kg**

<b>SAR 10g (W/Kg)</b>	0.558452
<b>SAR 1g (W/Kg)</b>	0.760875

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**Test Laboratory: AGC Lab**  
**LTE Band 17 High-Body-Back (1 RB#0)**  
DUT: Mobile phone; Type: S7

**Date: Jul. 23, 2024**

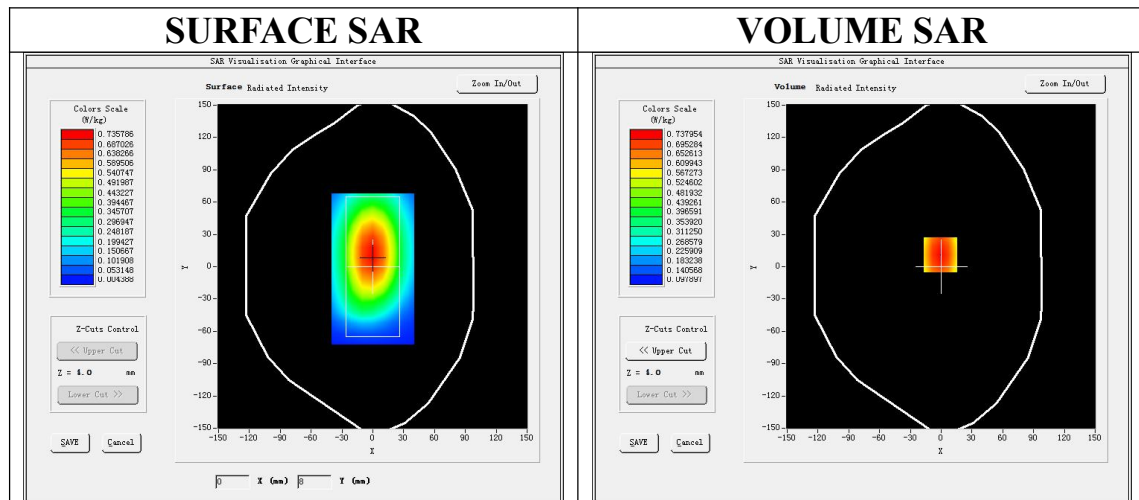
Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=2.04;  
Frequency: 711 MHz; Medium parameters used:  $f = 750$  MHz;  $\sigma=0.89$  mho/m;  $\epsilon_r=42.91$ ;  $\rho= 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.9, 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/ LTE Band 17 High-Body-Back/Area Scan:** Measurement grid: dx=8mm, dy=8mm  
**Configuration/ LTE Band 17 High-Body-Back/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	surf_sam_plan.txt, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body Back
<b>Band</b>	LTE Band 17
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-1.00, Y=11.00**

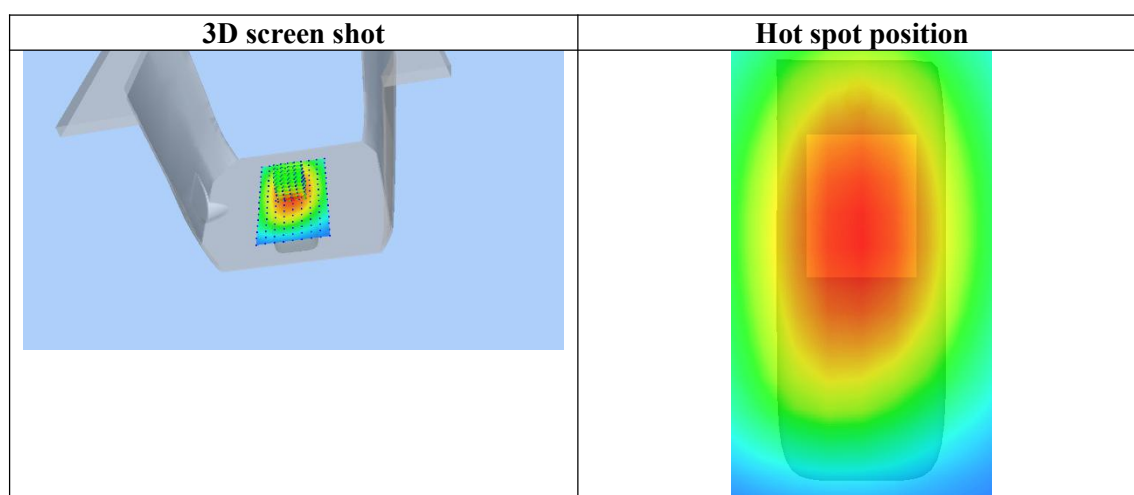
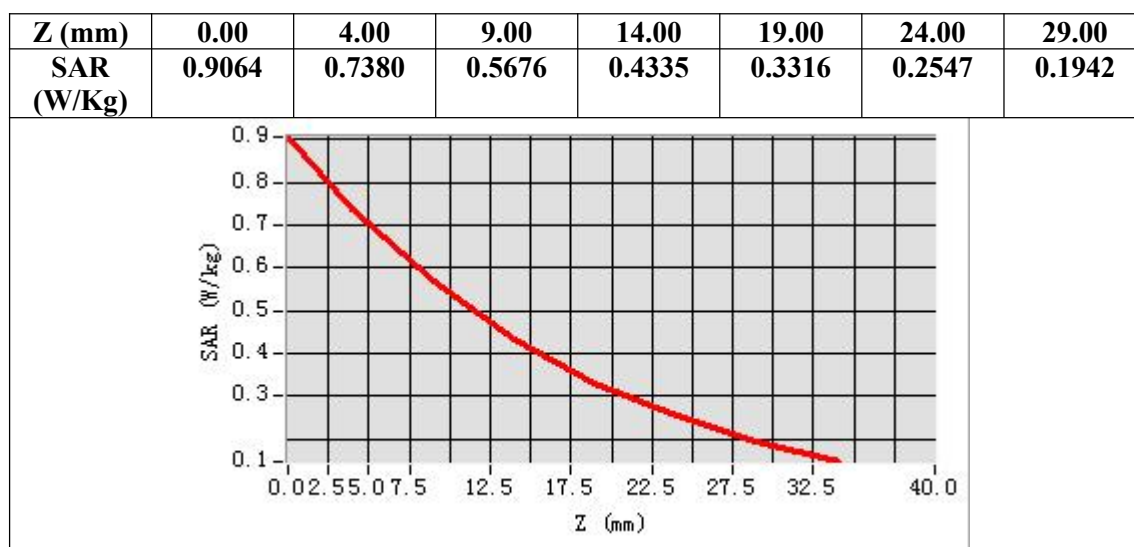
**SAR Peak: 0.91 W/kg**

<b>SAR 10g (W/Kg)</b>	0.529852
<b>SAR 1g (W/Kg)</b>	0.726339

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**Test Laboratory: AGC Lab**  
**LTE Band 38 Low-Touch-Left(1RB#0)**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 25, 2024**

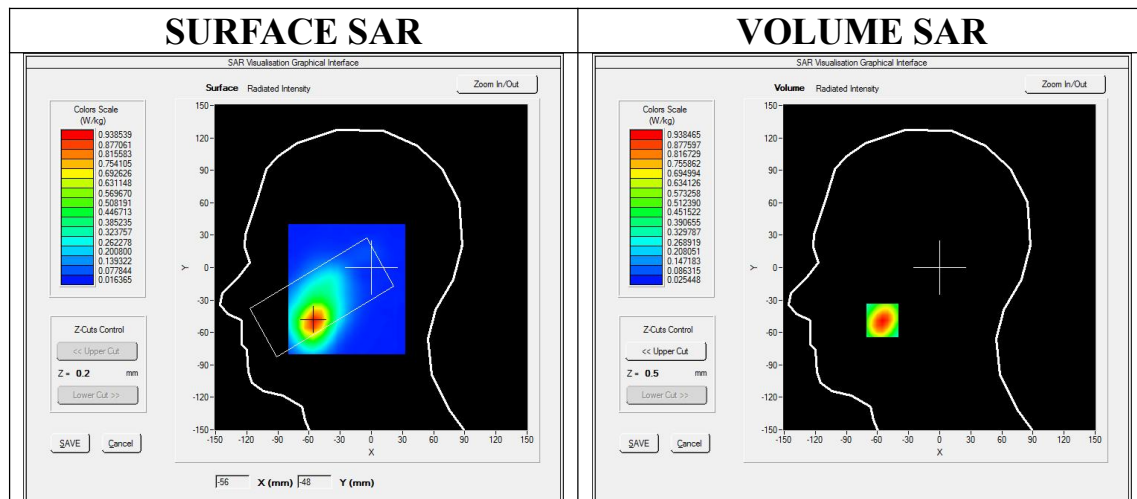
Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.06  
Frequency: 2580MHz; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 39.81$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.9

**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 38 Low-Touch- Left/Area Scan:** Measurement grid: dx=8mm, y=8mm  
**Configuration/ LTE BAND 38 Low-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 38
<b>Channels</b>	Low
<b>Signal</b>	Crest factor: 1..58



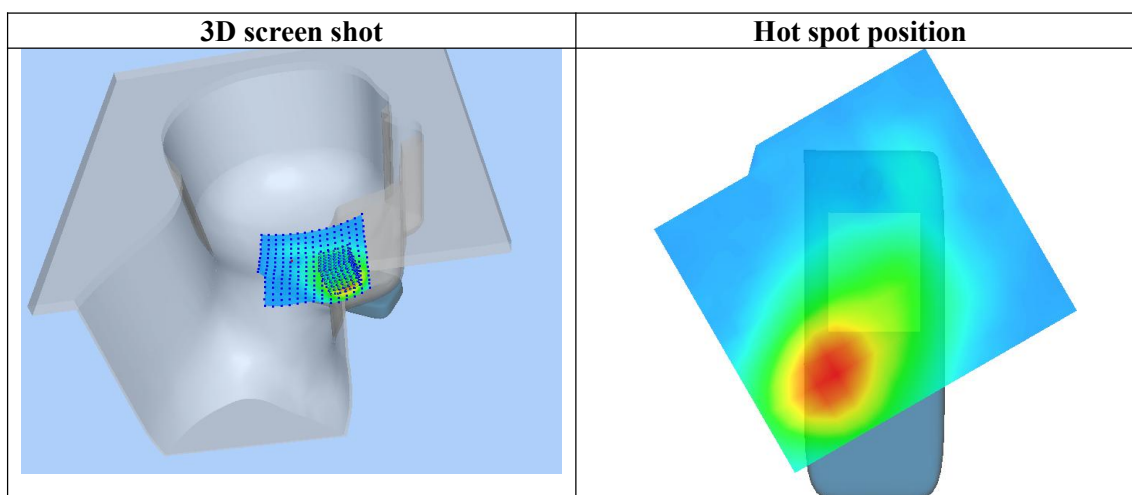
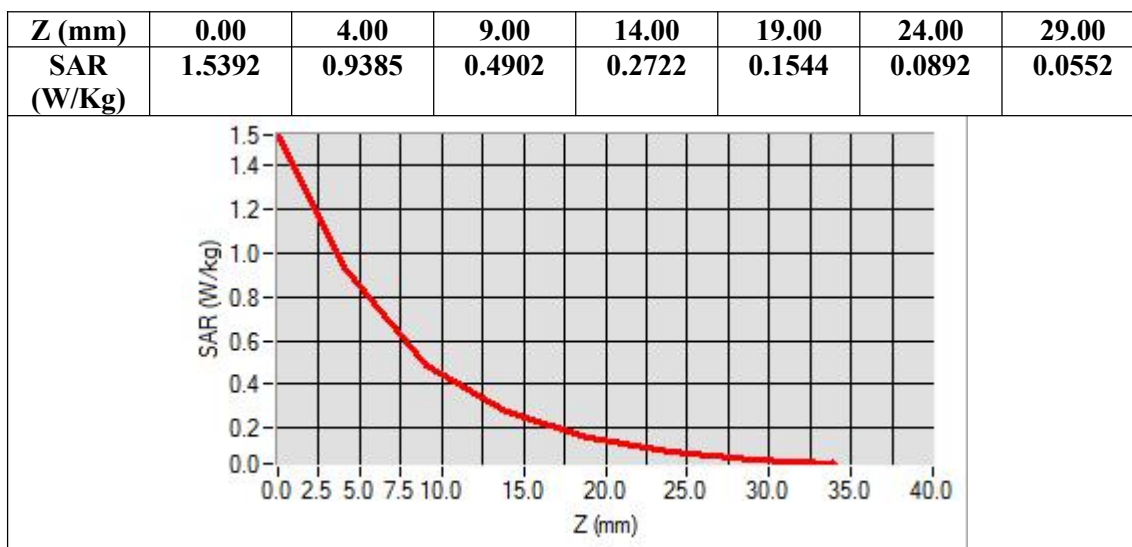
**Maximum location: X=-55.00, Y=-49.00**

**SAR Peak: 1.52 W/kg**

<b>SAR 10g (W/Kg)</b>	0.460332
<b>SAR 1g (W/Kg)</b>	0.878871

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**Test Laboratory: AGC Lab**  
**LTE Band 66 Mid-Touch-Right (1 RB#0)**  
**DUT: Mobile phone; Type: S7**

**Date: Jul. 20, 2024**

Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.28;  
Frequency:1755 MHz; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.72$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section  
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.5

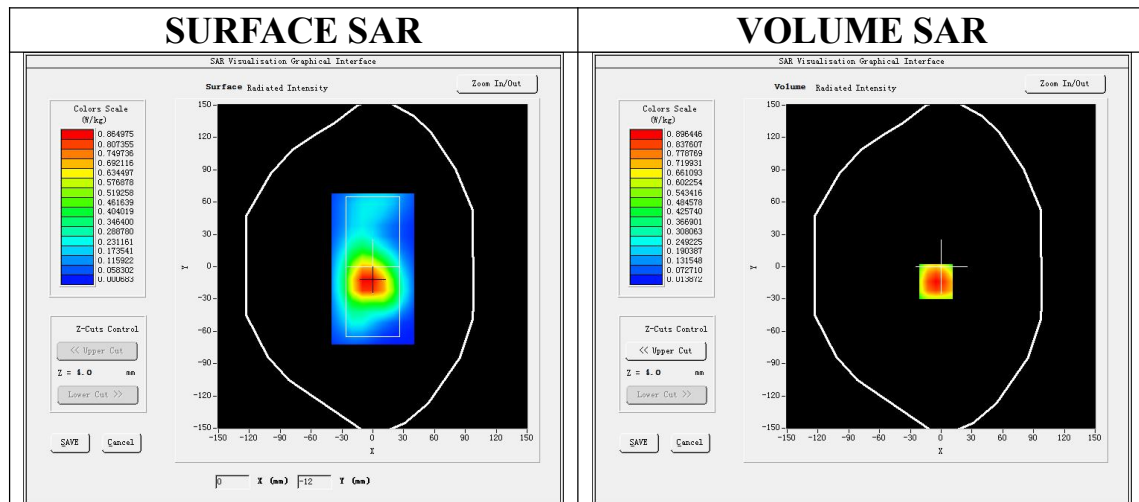
**SATIMO Configuration:**

- 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 66 Mid- Touch-Right /Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band 66 Mid- Touch-Right /Zoom Scan:** Measurement grid: dx=8mm, dy=8mm, dz=5mm;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE Band 66
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-5.00, Y=-14.00**

**SAR Peak: 1.36 W/kg**

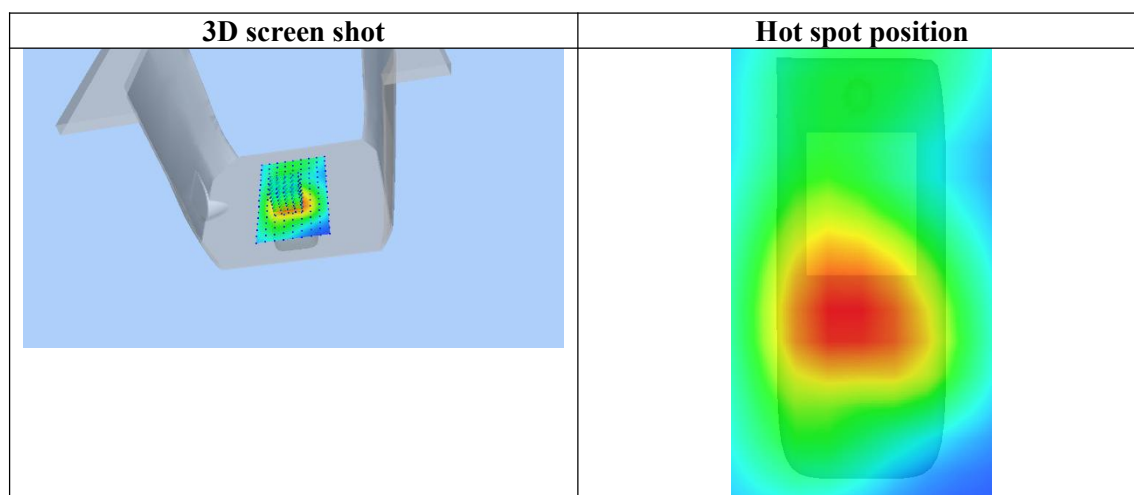
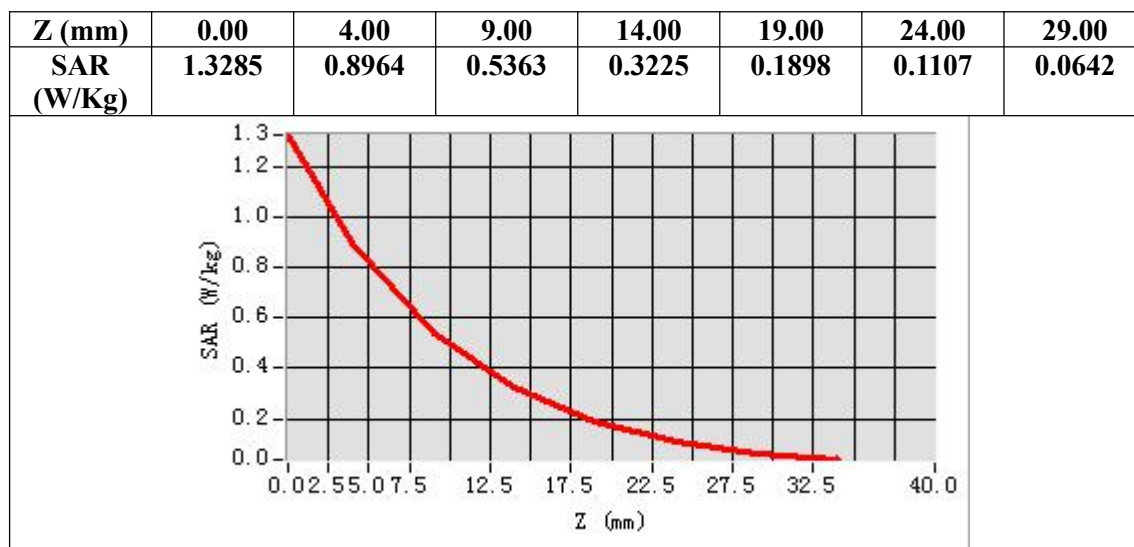
<b>SAR 10g (W/Kg)</b>	0.498015
<b>SAR 1g (W/Kg)</b>	0.865740

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## APPENDIX C. TEST SETUP PHOTOGRAPHS

### LEFT-CHEEK TOUCH



LEFT-TILT 15°

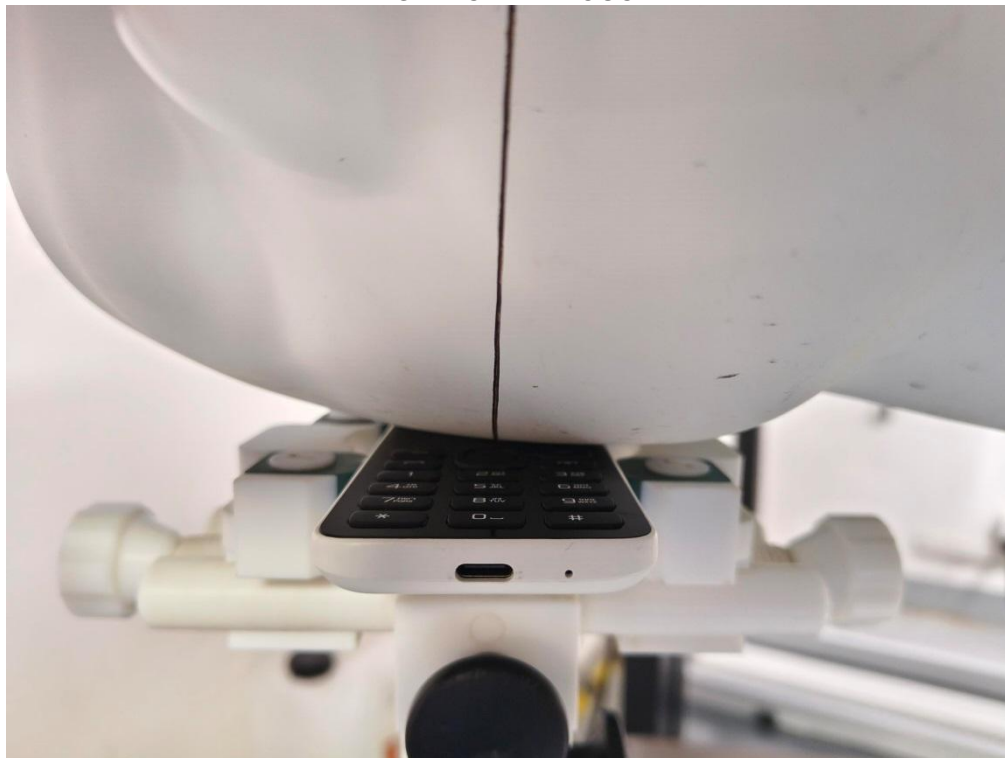


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RIGHT- CHEEK TOUCH



RIGHT-TILT 15°



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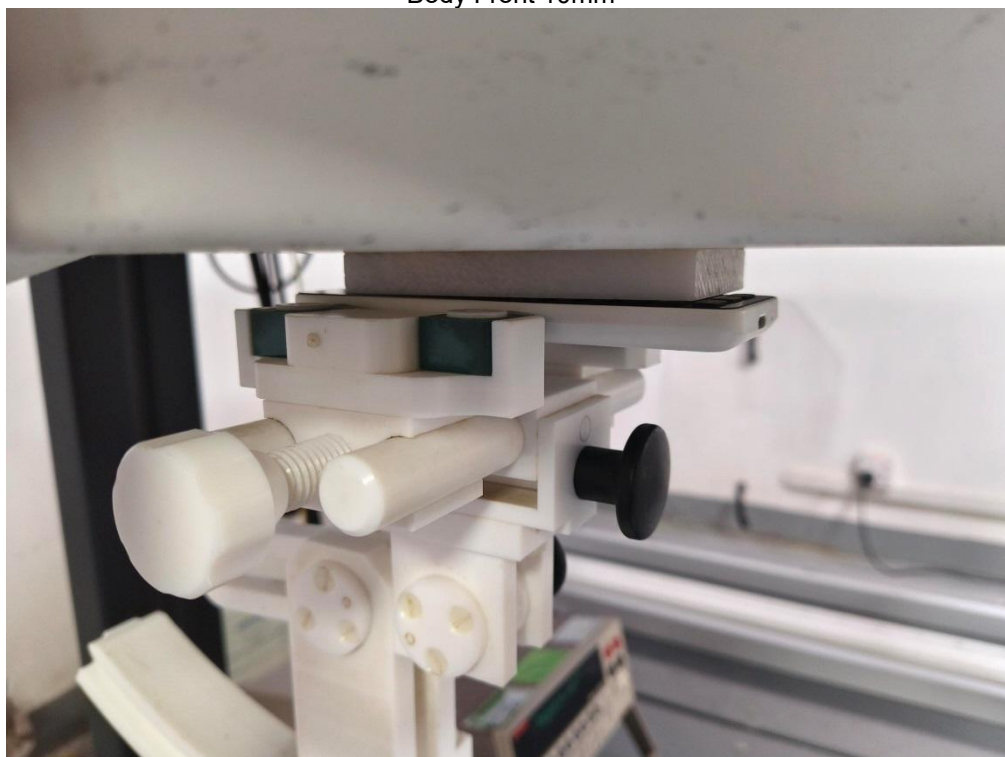
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Body Back 10mm



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



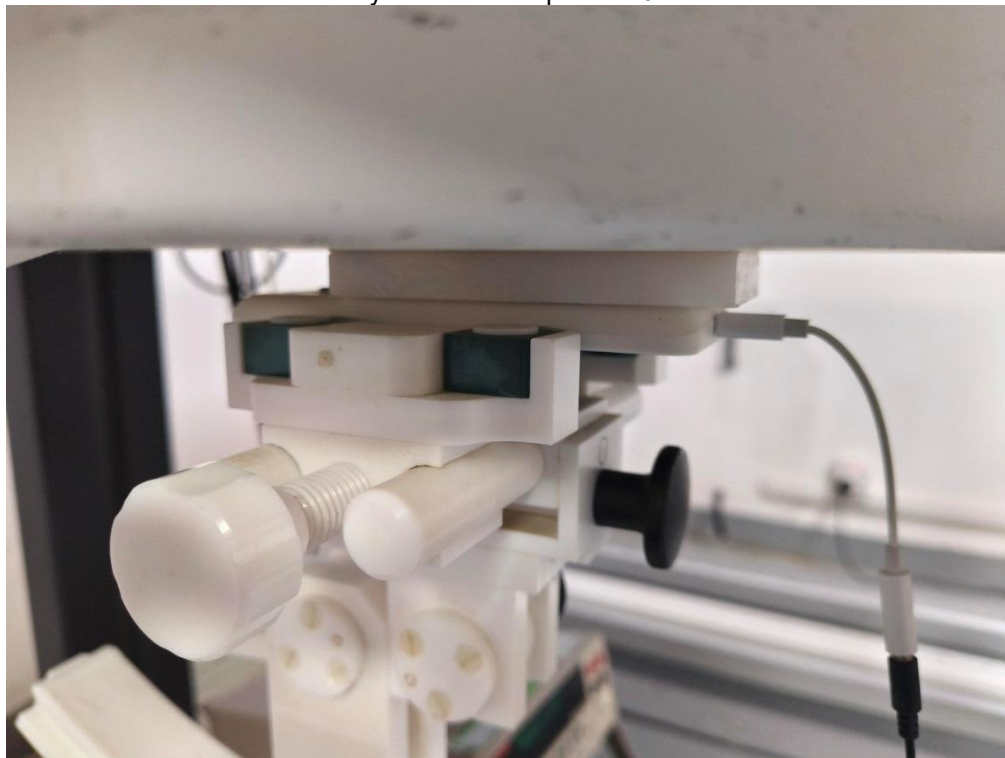
Edge 4(Left) 10mm-Hotspot Mode



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Body Back with earphone 10mm



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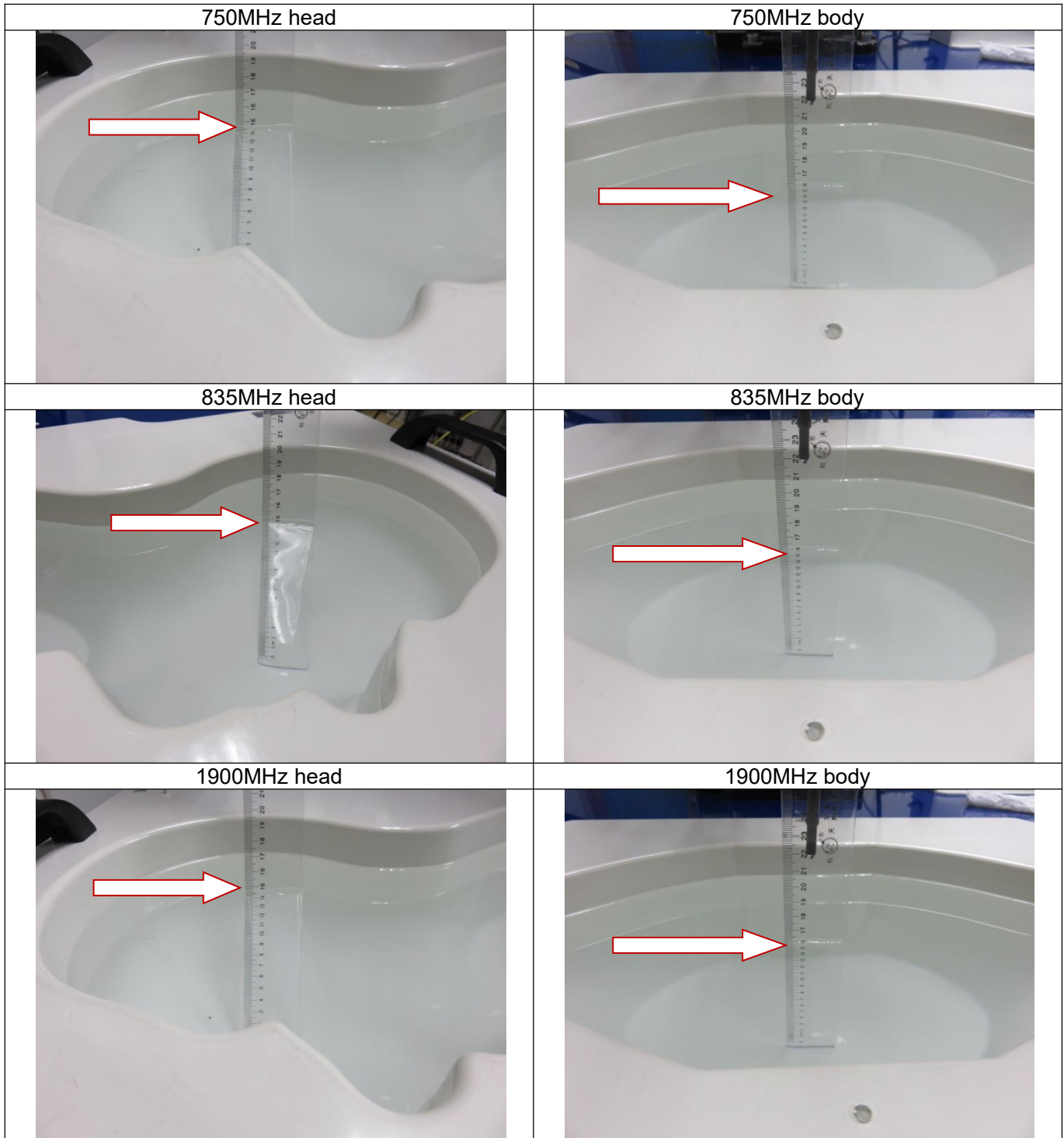
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### DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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

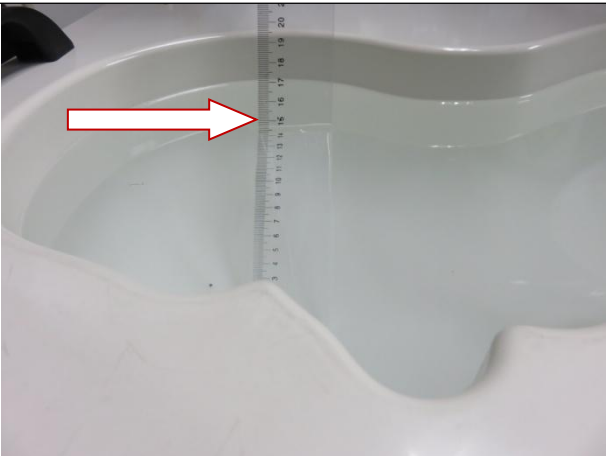
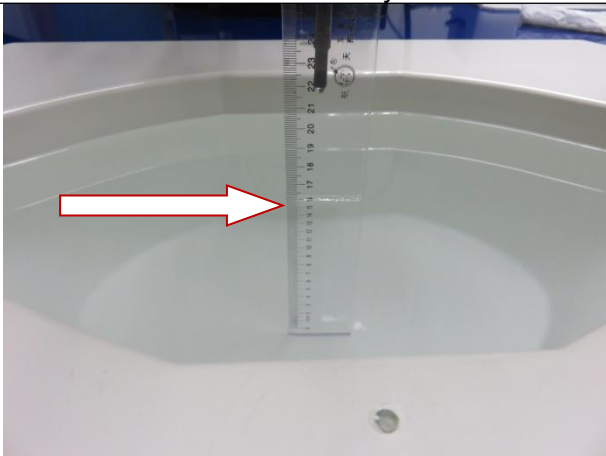
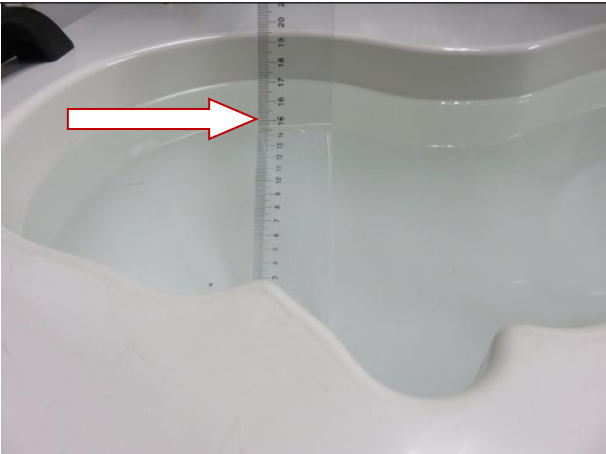
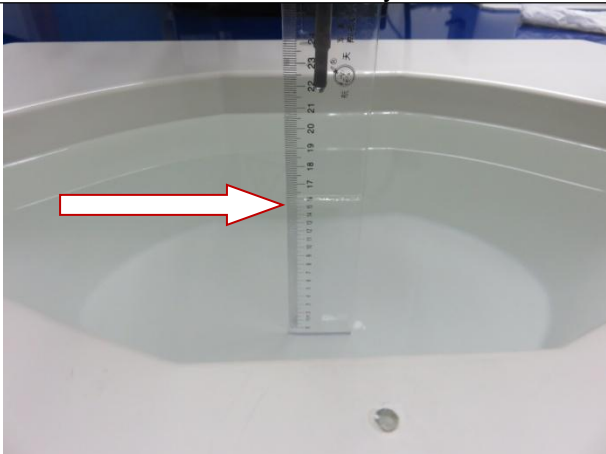


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<p>1750MHz head</p> 	<p>1750MHz body</p> 
<p>2300MHz head</p> 	<p>2300MHz body</p> 
<p>2450MHz head</p> 	<p>2450MHz body</p> 

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<p>2600MHz head</p> 	<p>2600MHz body</p> 
<p>5000MHz head</p> 	<p>5000MHz body</p> 

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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.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
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.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc01@agccert.com](mailto:agc01@agccert.com).

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