

Test Laboratory: AGC Lab
LTE Band 17 Mid-Body back+belt clip+headset (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 18, 2025

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=2.30;
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma=0.87$ mho/m; $\epsilon_r=42.93$; $\rho=1000$ kg/m³ ;
Phantom section: Flat Section

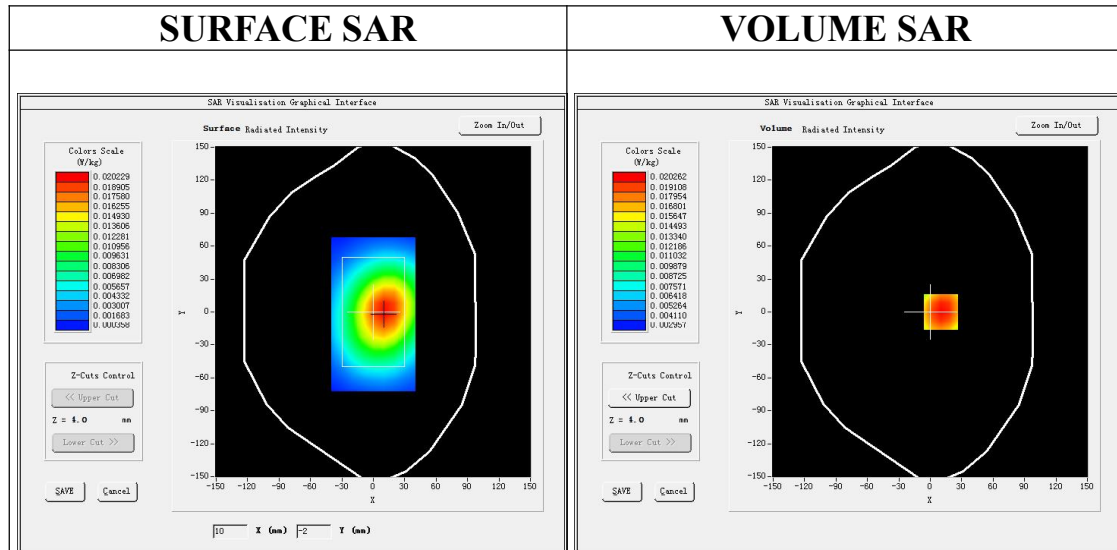
SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 17 Mid-Body back+belt clip+headset /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 17 Mid-Body back+belt clip+headset /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
Phantom	Validation plane
Device Position	Body back+belt clip+headset
Band	LTE Band 17
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



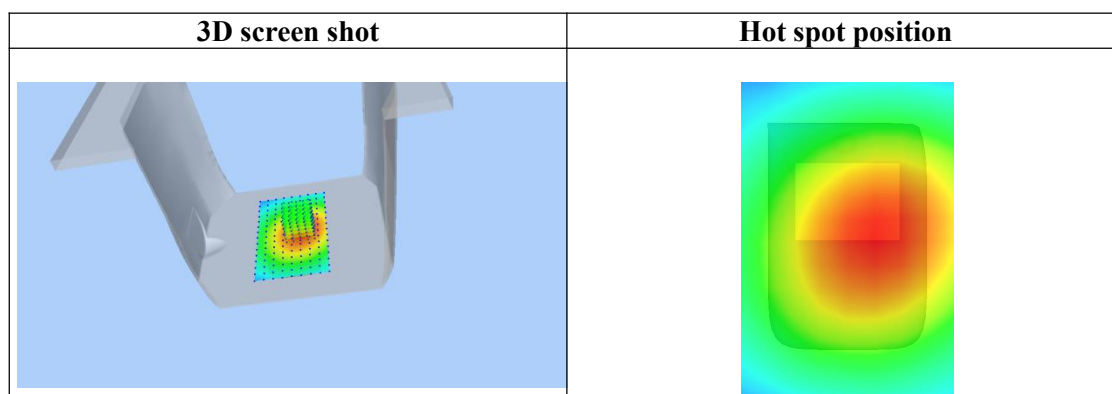
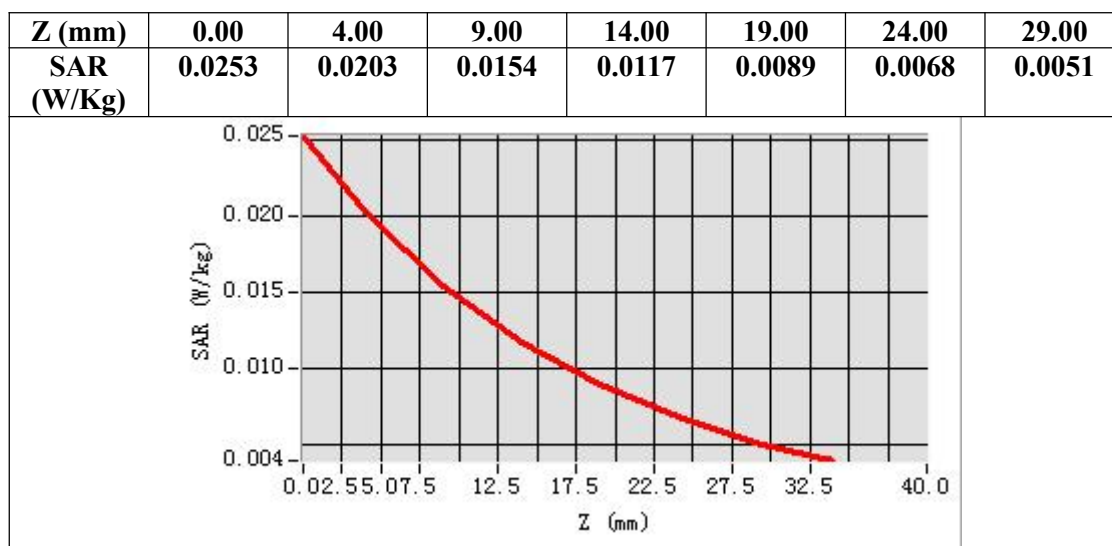
Maximum location: X=10.00, Y=0.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.014413
SAR 1g (W/Kg)	0.019997

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Test Laboratory: AGC Lab
LTE Band 38 Mid-Face up (1RB#0)
DUT: IP/POC TWO WAY RADIO; **Type:** HP-45D

Date: Oct. 22, 2025

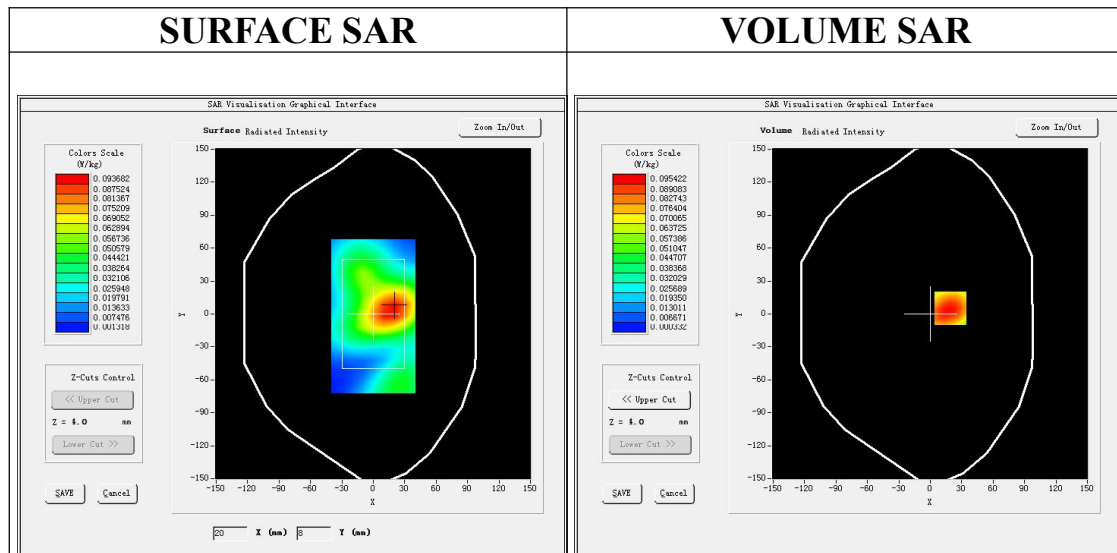
Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2595MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 38 Mid-Face up /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 38 Mid-Face up /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE BAND 38
Channels	Middle
Signal	Crest factor: 1.58



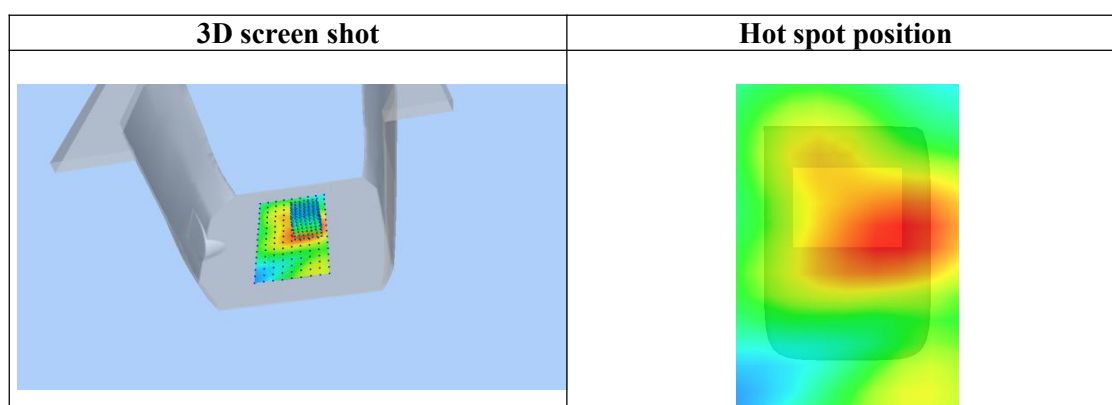
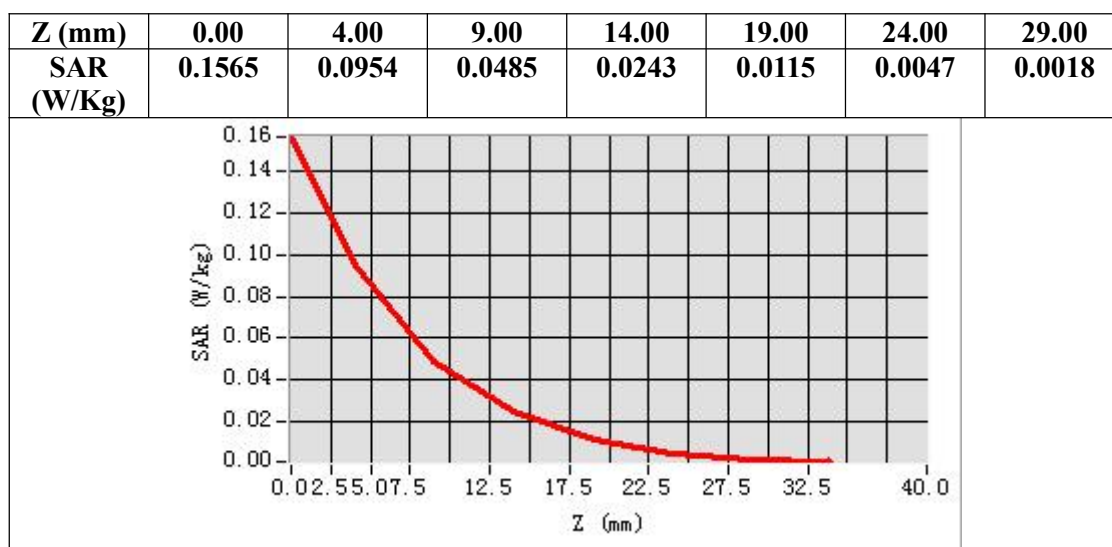
Maximum location: X=19.00, Y=5.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.049483
SAR 1g (W/Kg)	0.091540

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Test Laboratory: AGC Lab
LTE Band 38 Mid-Body back+belt clip+headset (1RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 22, 2025

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2595MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

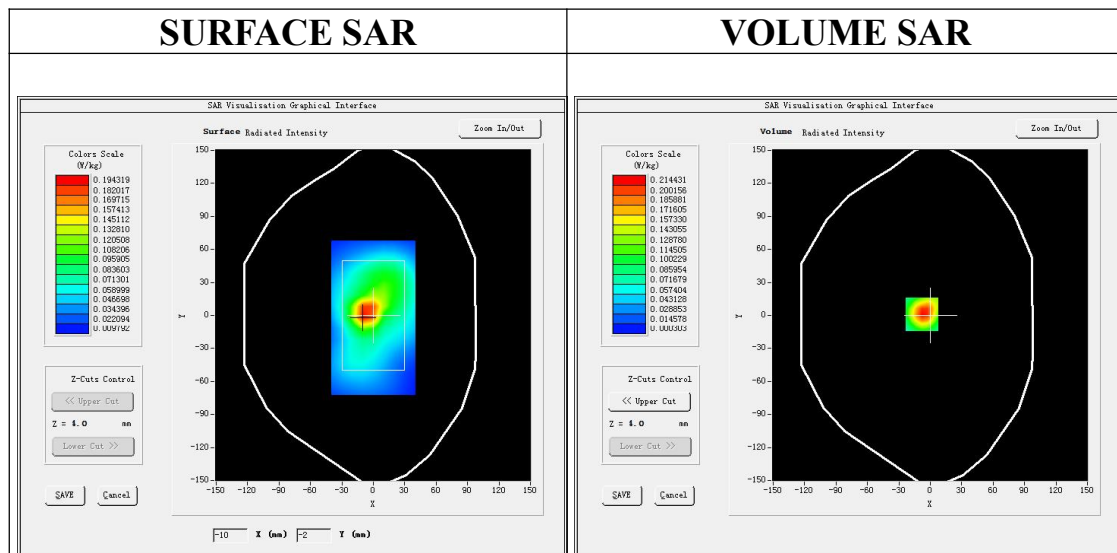
SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 38 Mid-Body back+belt clip+headset /Area Scan: Measurement grid: dx=10mm, y=10mm

Configuration/ LTE BAND 38 Mid-Body back+belt clip+headset /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body back+belt clip+headset
Band	LTE BAND 38
Channels	Middle
Signal	Crest factor: 1.58

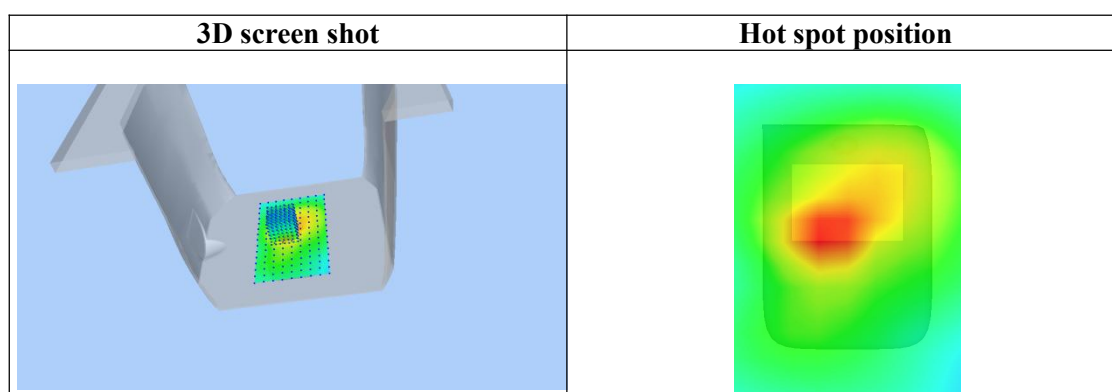
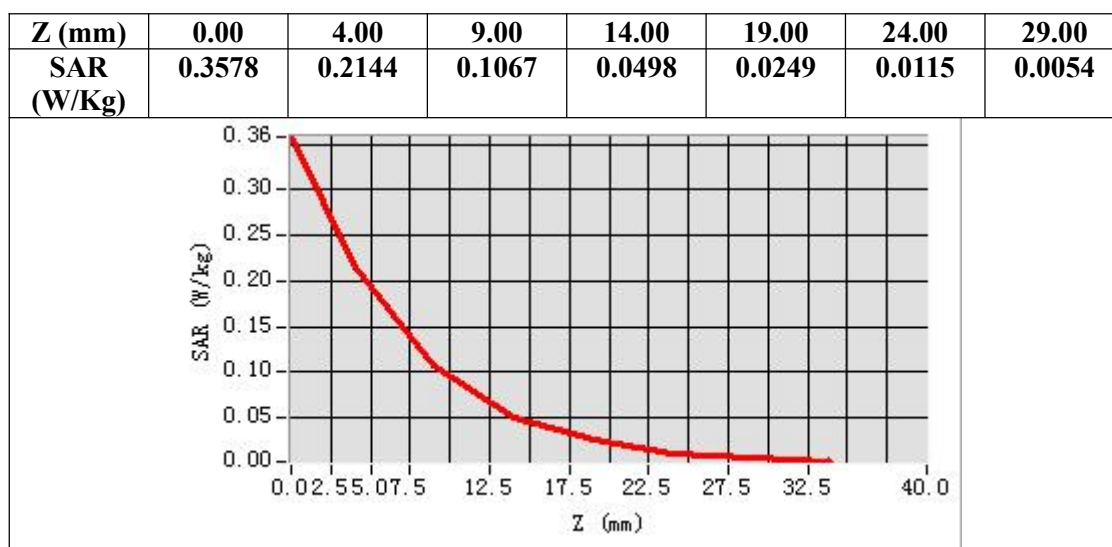


Maximum location: X=-8.00, Y=1.00
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.096263
SAR 1g (W/Kg)	0.199871

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Test Laboratory: AGC Lab
LTE Band 40- Lower Side Mid- Face up (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 19, 2025

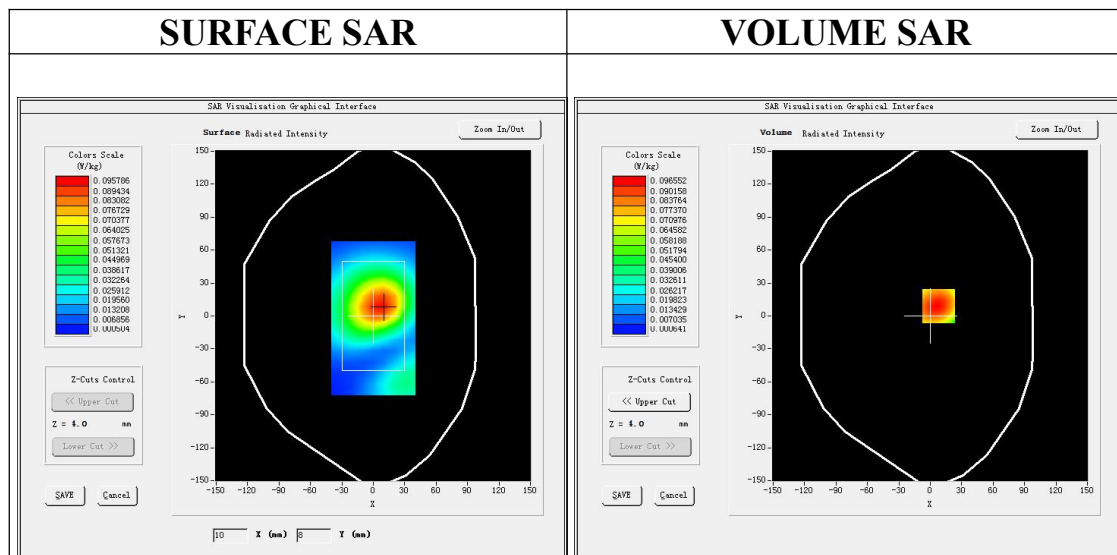
Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.37
Frequency: 2310 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.74$ mho/m; $\epsilon_r = 38.26$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 40- Lower Side Mid- Face up /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 40- Lower Side Mid- Face up /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58



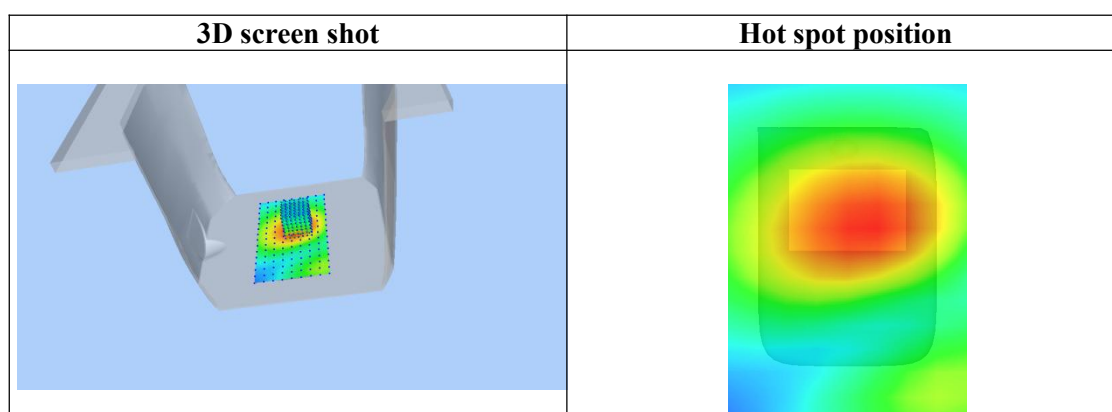
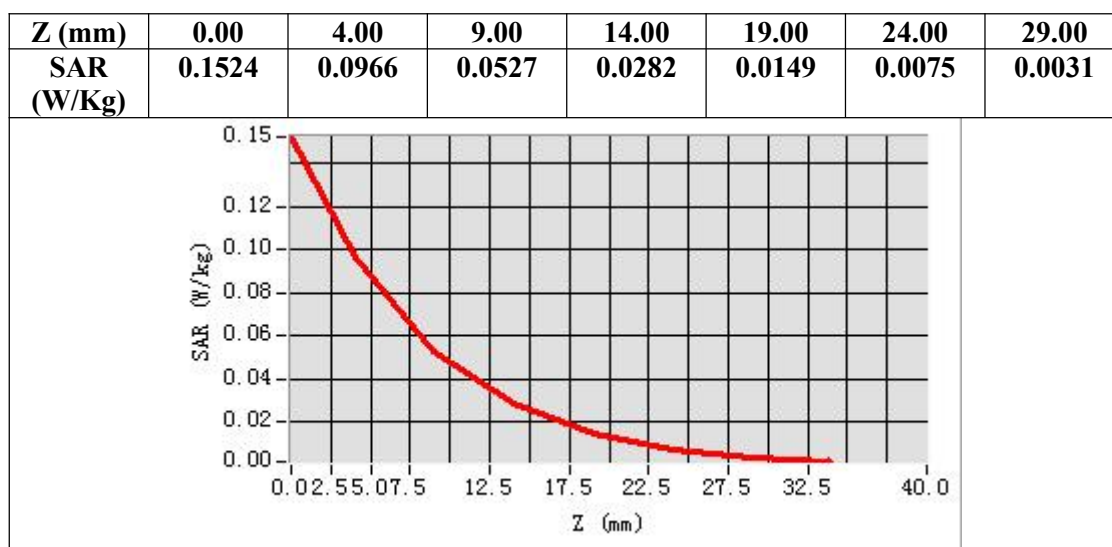
Maximum location: X=8.00, Y=9.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.051942
SAR 1g (W/Kg)	0.092779

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Test Laboratory: AGC Lab
LTE Band 40- Lower Side Mid- Body back+belt clip+headset (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 19, 2025

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.37
Frequency: 2310 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.74$ mho/m; $\epsilon_r = 38.26$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

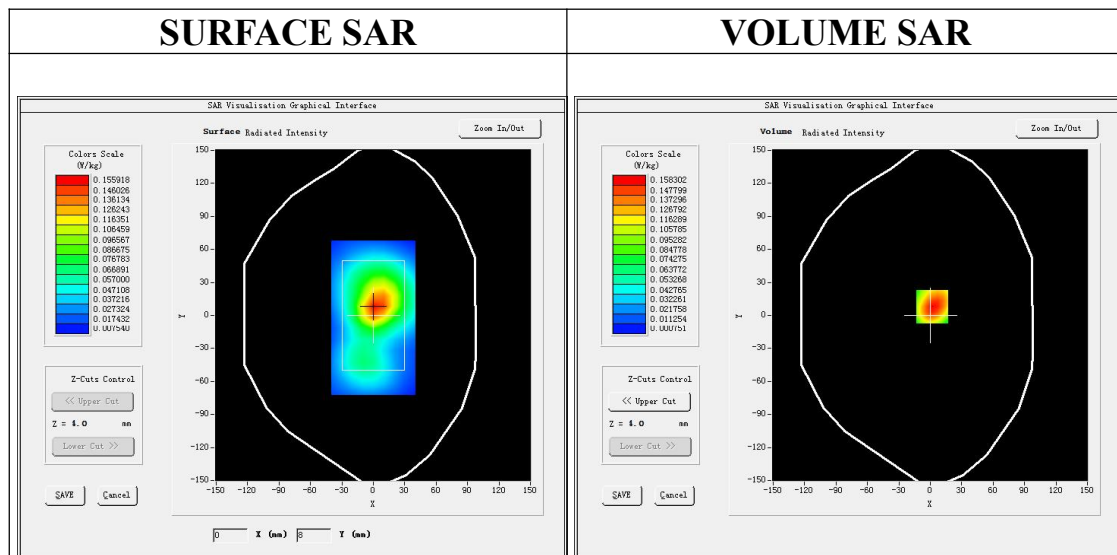
SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 40- Lower Side Mid- Body back+belt clip+headset /Area Scan: Measurement grid:
dx=8mm, dy=8mm

Configuration/ LTE Band 40- Lower Side Mid- Body back+belt clip+headset /Zoom Scan: Measurement grid:
dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body back+belt clip+headset
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58

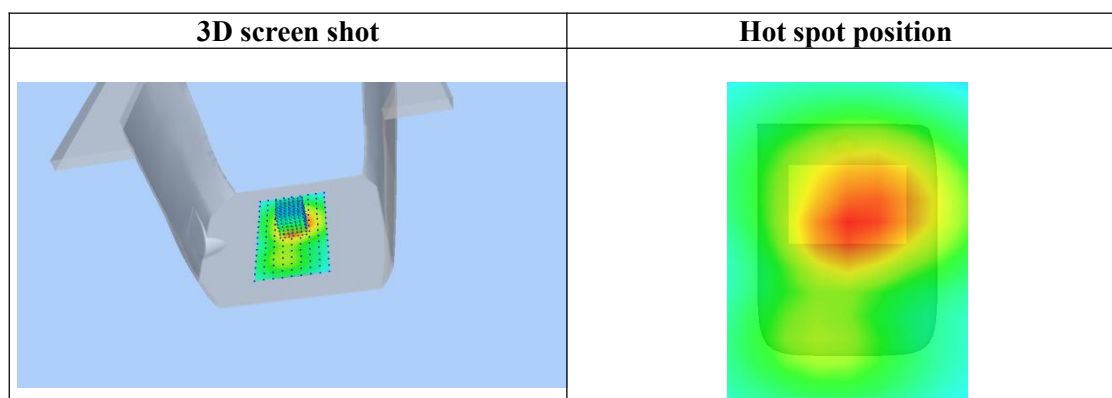
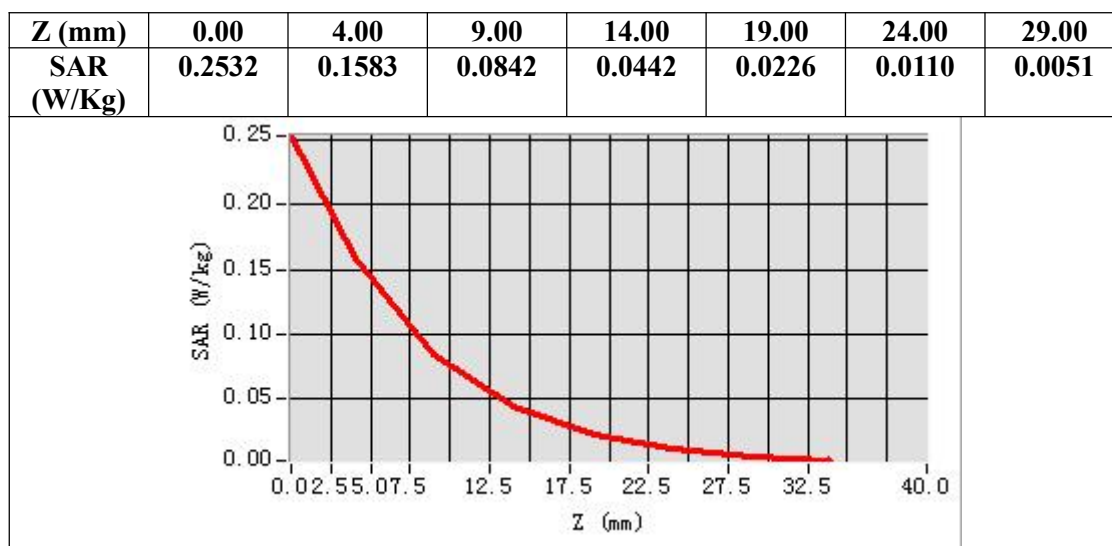


Maximum location: X=2.00, Y=8.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.080312
SAR 1g (W/Kg)	0.149540

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Test Laboratory: AGC Lab
LTE Band 40-Upper Side Mid- Face up (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 19, 2025

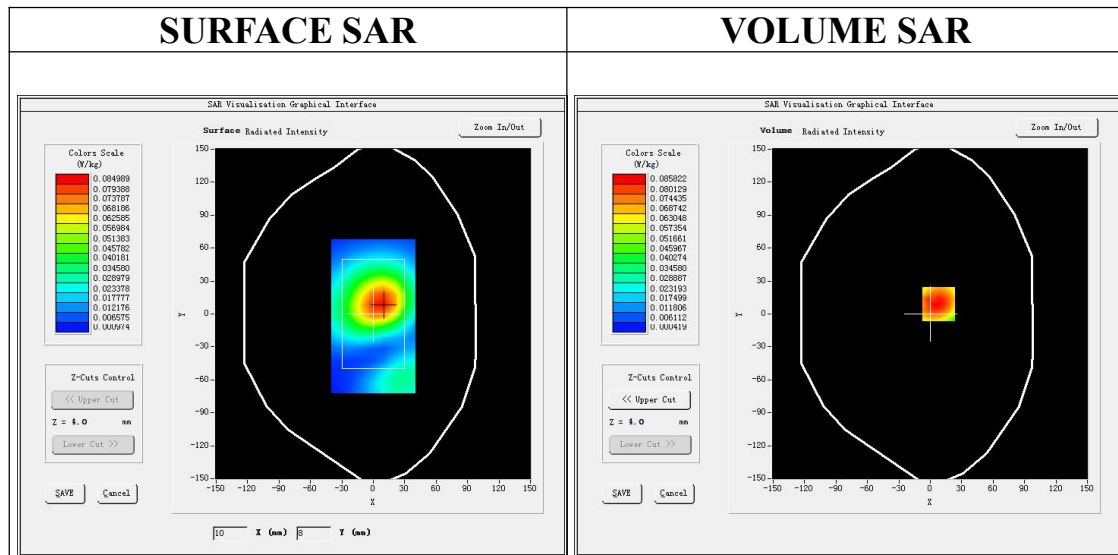
Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.37
Frequency: 2355 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.74$ mho/m; $\epsilon_r = 38.03$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 40-Upper Side Mid- Face up /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 40-Upper Side Mid- Face up /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58



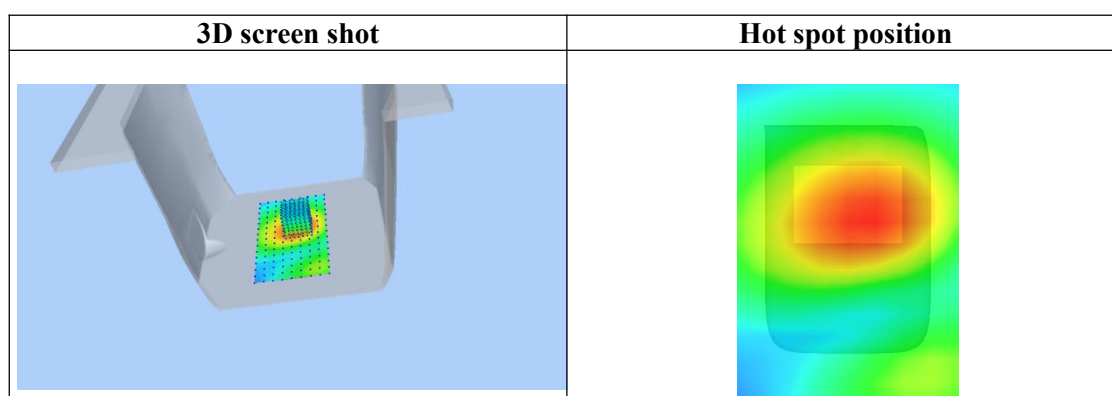
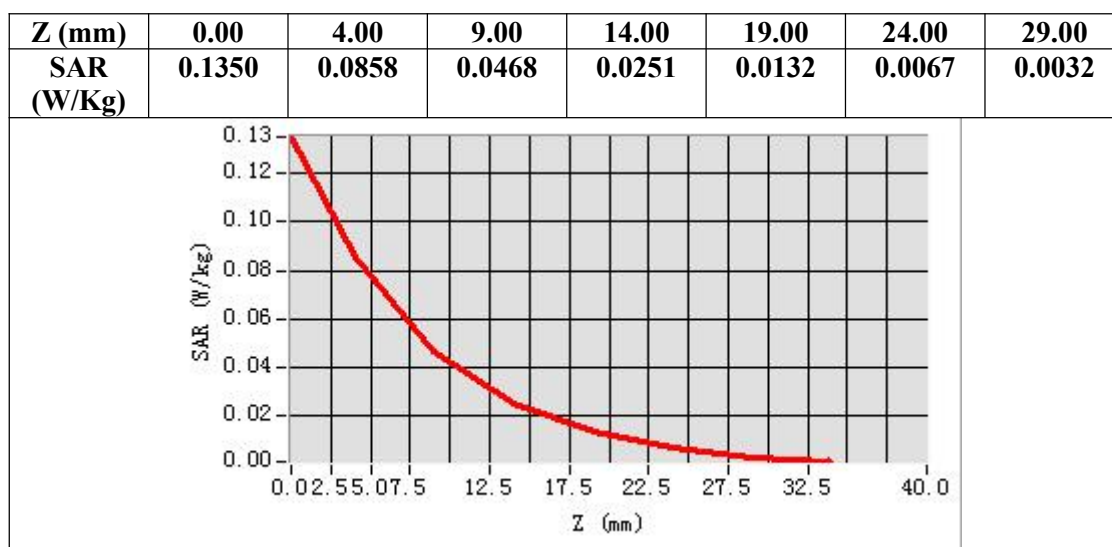
Maximum location: X=8.00, Y=9.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.045525
SAR 1g (W/Kg)	0.080442

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Test Laboratory: AGC Lab
LTE Band 40-Upper Side Mid- Body back+belt clip+headset (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 19, 2025

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.37
Frequency: 2355 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.74$ mho/m; $\epsilon_r = 38.03$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

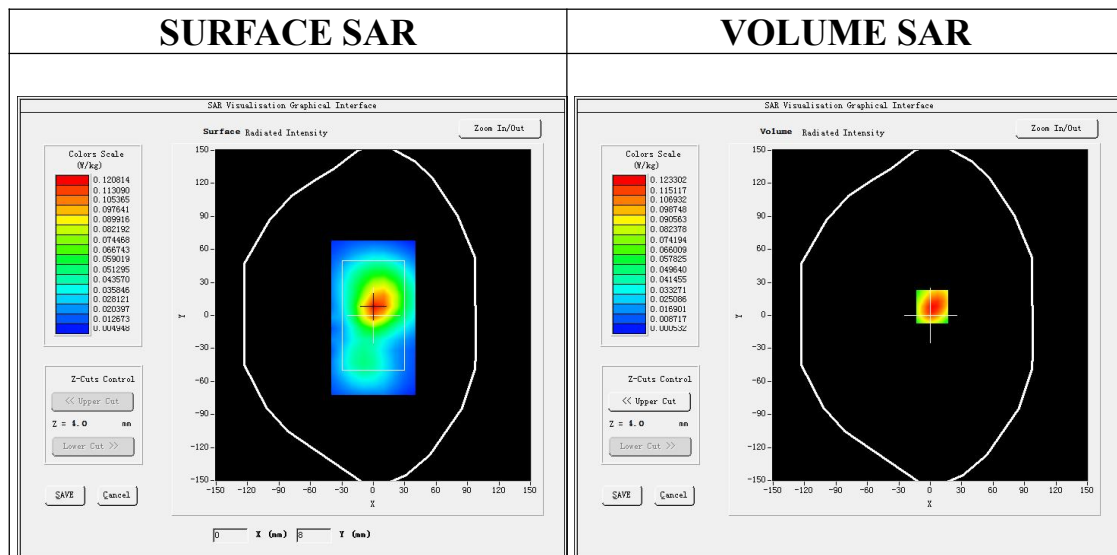
SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 40-Upper Side Mid- Body back+belt clip+headset /Area Scan: Measurement grid:
dx=8mm, dy=8mm

Configuration/ LTE Band 40-Upper Side Mid- Body back+belt clip+headset /Zoom Scan: Measurement grid:
dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body back+belt clip+headset
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58



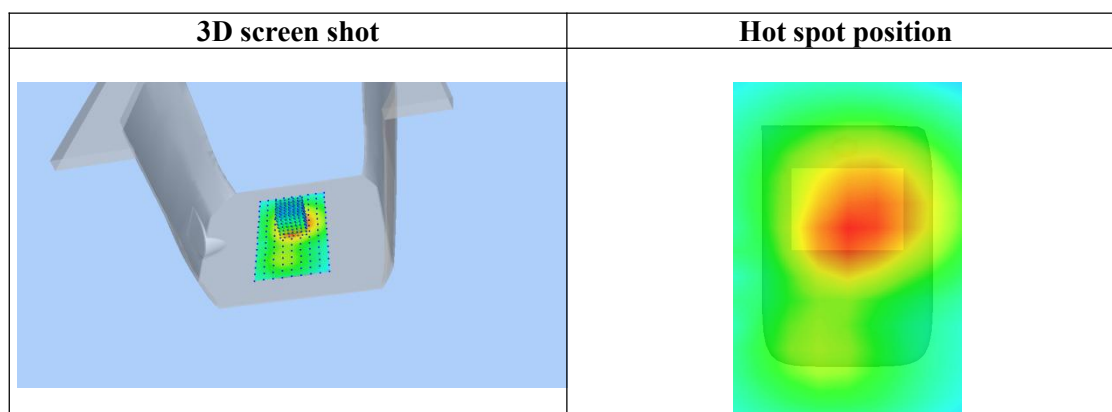
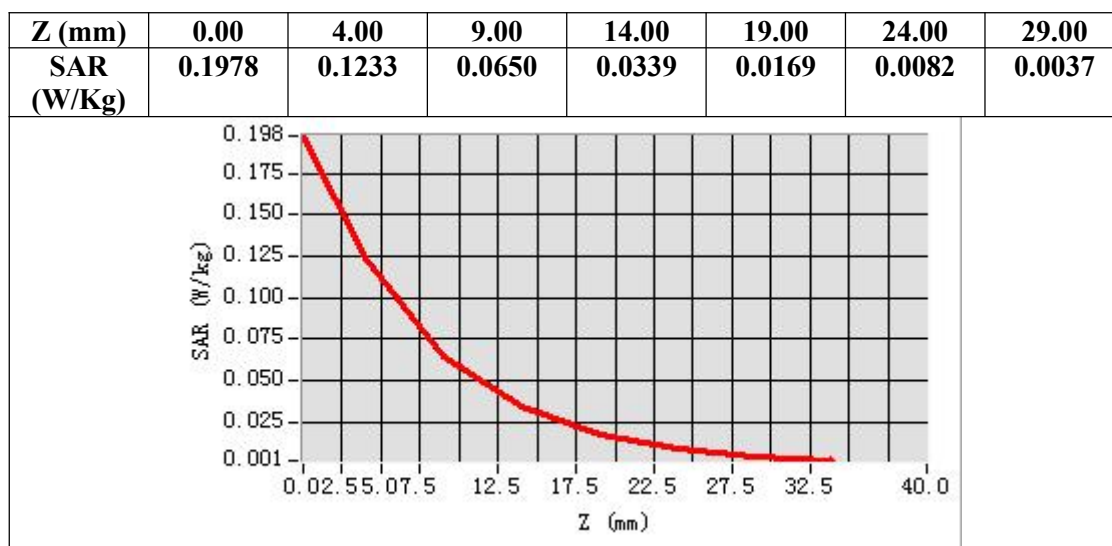
Maximum location: X=2.00, Y=8.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.061986
SAR 1g (W/Kg)	0.116419

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Test Laboratory: AGC Lab
LTE Band 41 Mid-Face up (1RB#0)
DUT: IP/POC TWO WAY RADIO; **Type:** HP-45D

Date: Oct. 22, 2025

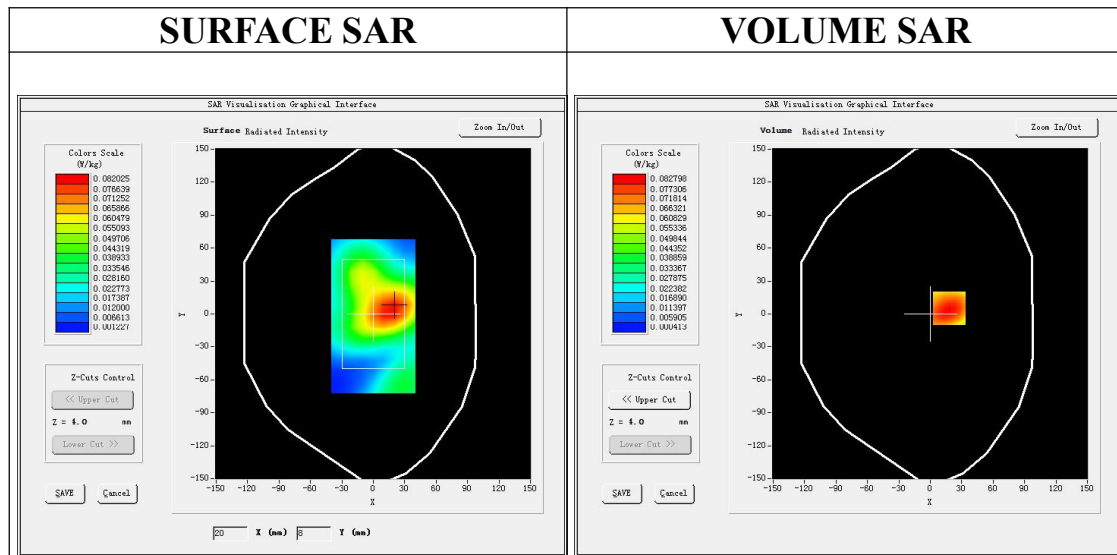
Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2593MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 39.35$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

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



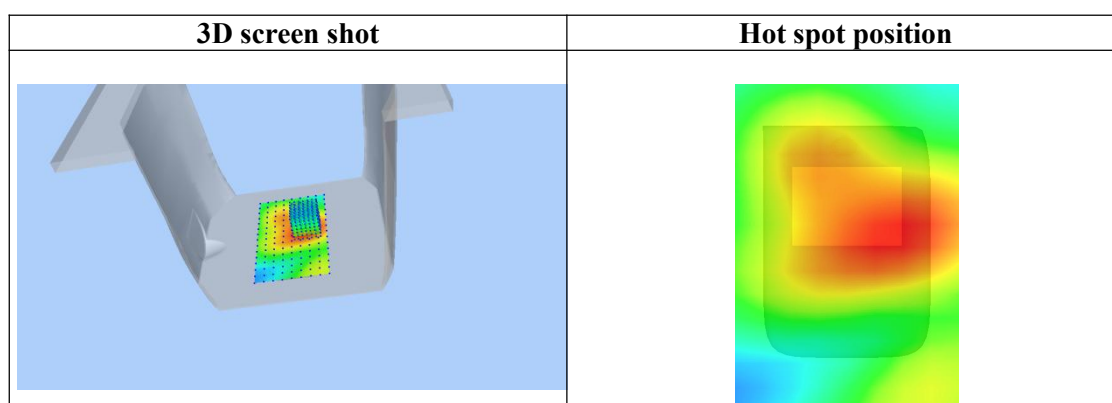
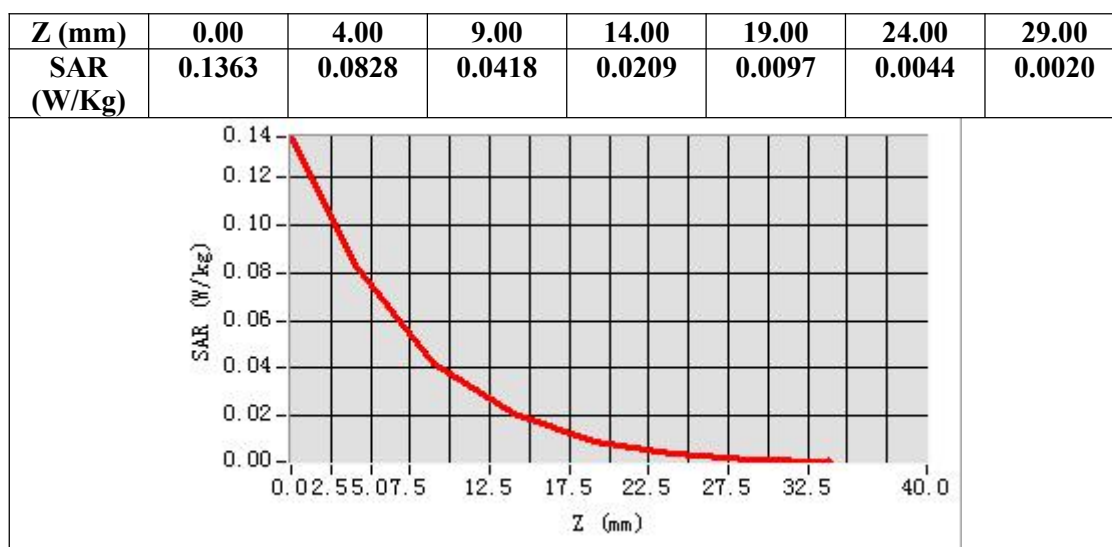
Maximum location: X=18.00, Y=5.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.043284
SAR 1g (W/Kg)	0.079676

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Test Laboratory: AGC Lab
LTE Band 41 Mid-Body back+belt clip+headset (1RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 22, 2025

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.19
Frequency: 2593MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 39.35$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

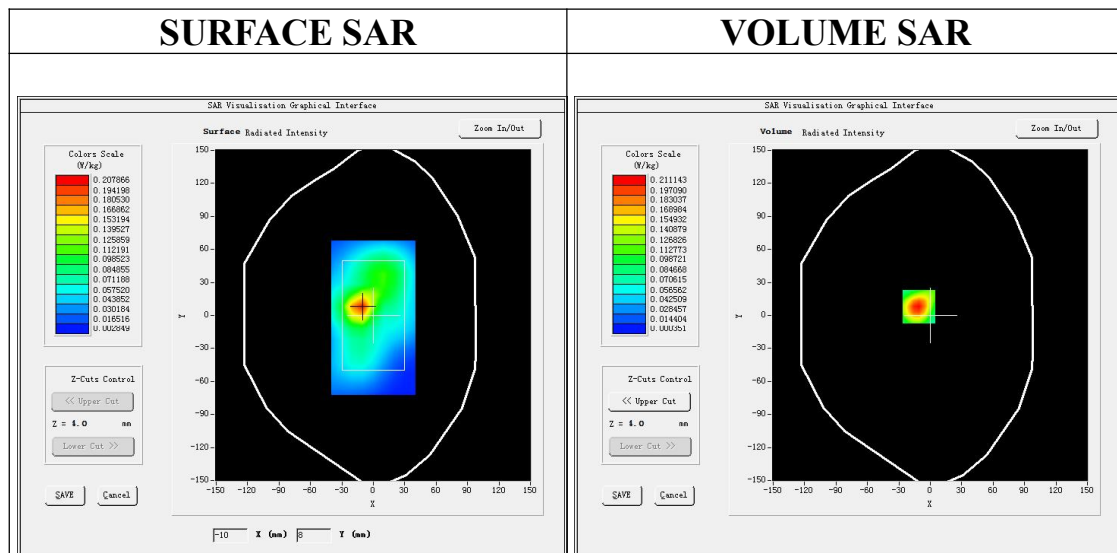
SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 41 Mid-Body back+belt clip+headset /Area Scan: Measurement grid: dx=8mm, y=8mm

Configuration/ LTE BAND 41 Mid-Body back+belt clip+headset /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

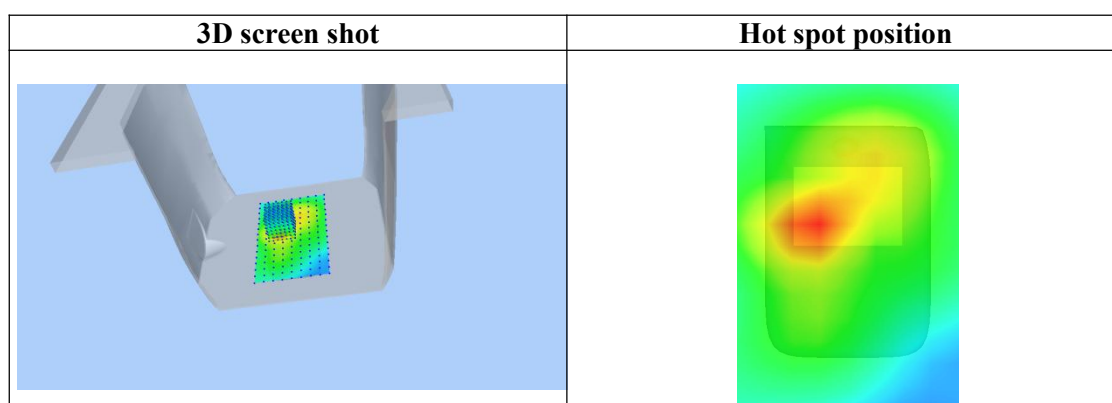
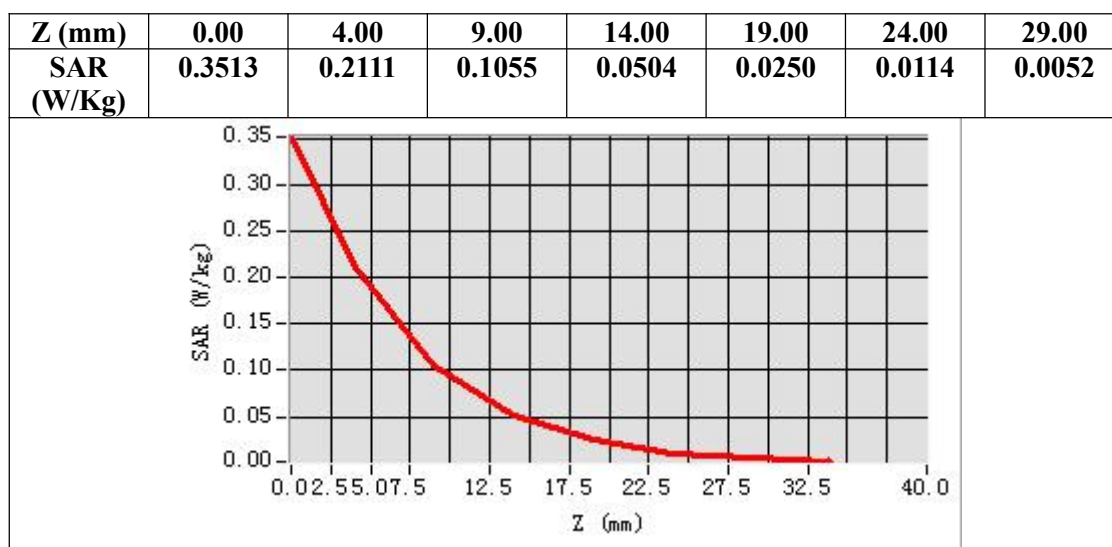
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body back+belt clip+headset
Band	LTE BAND 41
Channels	Middle
Signal	OFDM (Crest factor: 1.58)



Maximum location: X=-11.00, Y=8.00
SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.095036
SAR 1g (W/Kg)	0.195129

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Test Laboratory: AGC Lab
LTE Band 66 Mid-Face up (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 14, 2025

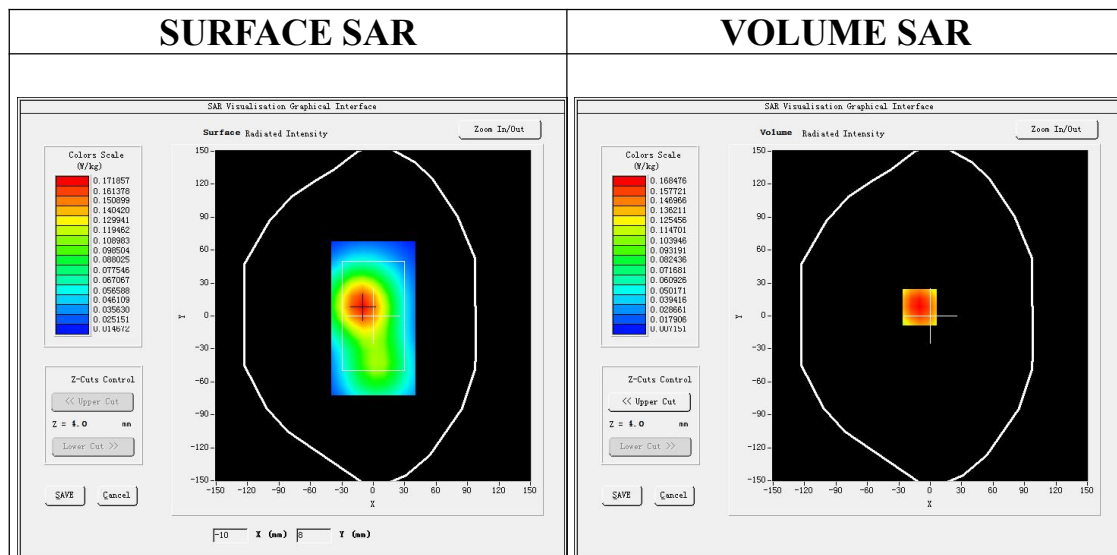
Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.28;
Frequency:1745 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 66 Mid-Face up /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 66 Mid-Face up /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
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 66
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



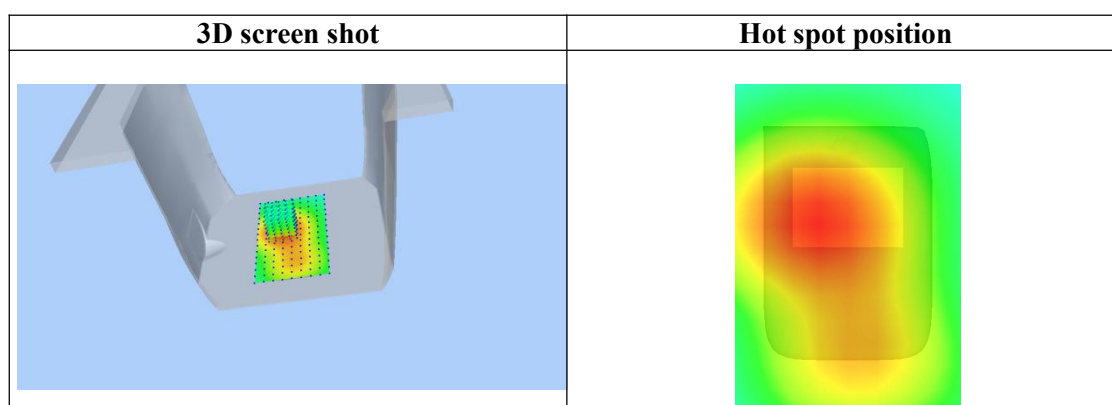
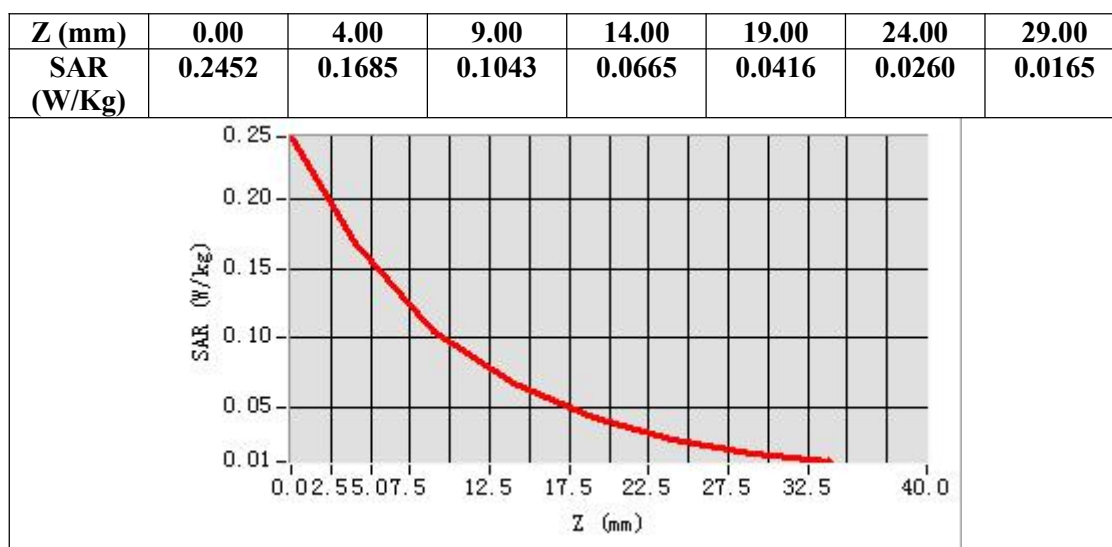
Maximum location: X=-10.00, Y=8.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.100398
SAR 1g (W/Kg)	0.162675

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Test Laboratory: AGC Lab
LTE Band 66 Mid-Body back+belt clip+headset (1 RB#0)
DUT: IP/POC TWO WAY RADIO; Type: HP-45D

Date: Oct. 14, 2025

Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.28;
Frequency:1745 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

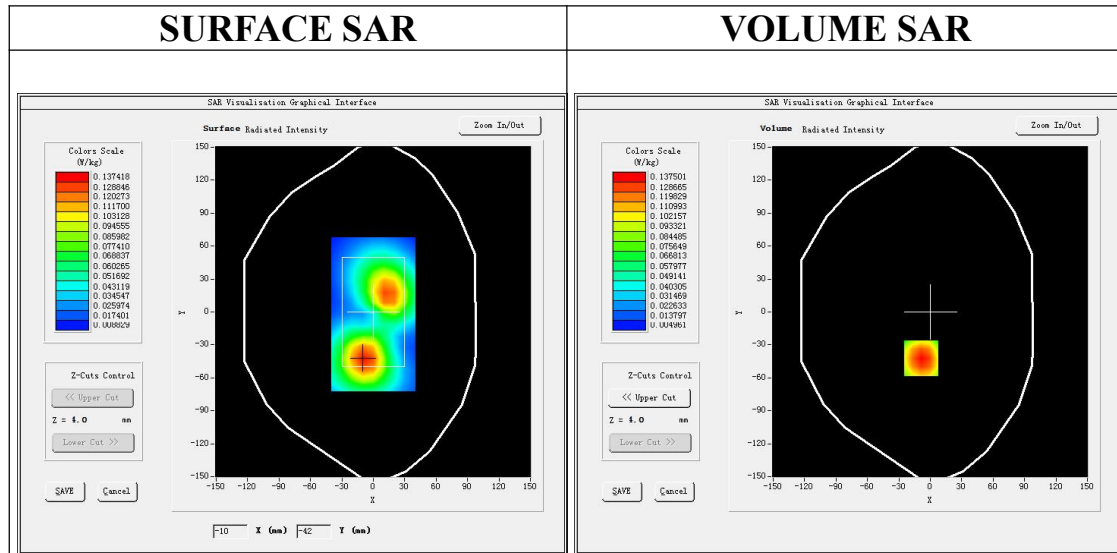
SATIMO Configuration:

- Probe: SSE2; Calibrated: 2025-05-06; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 66 Mid-Body back+belt clip+headset /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 66 Mid-Body back+belt clip+headset /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
Phantom	Validation plane
Device Position	Body back+belt clip+headset
Band	LTE Band 66
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



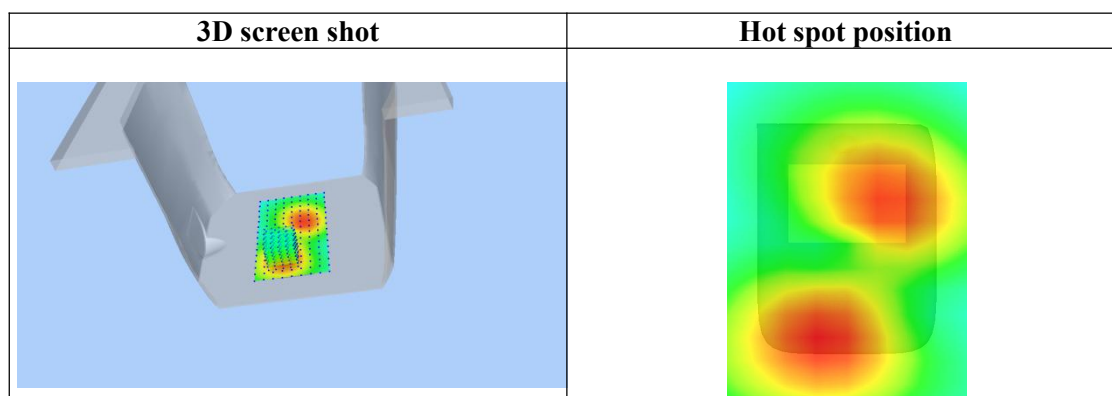
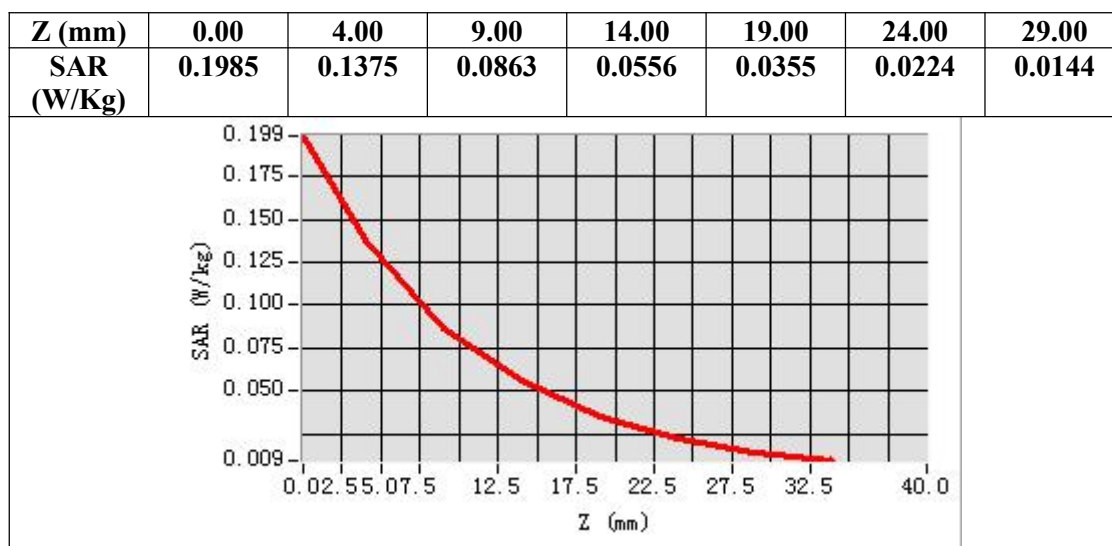
Maximum location: X=-9.00, Y=-42.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.080145
SAR 1g (W/Kg)	0.132180

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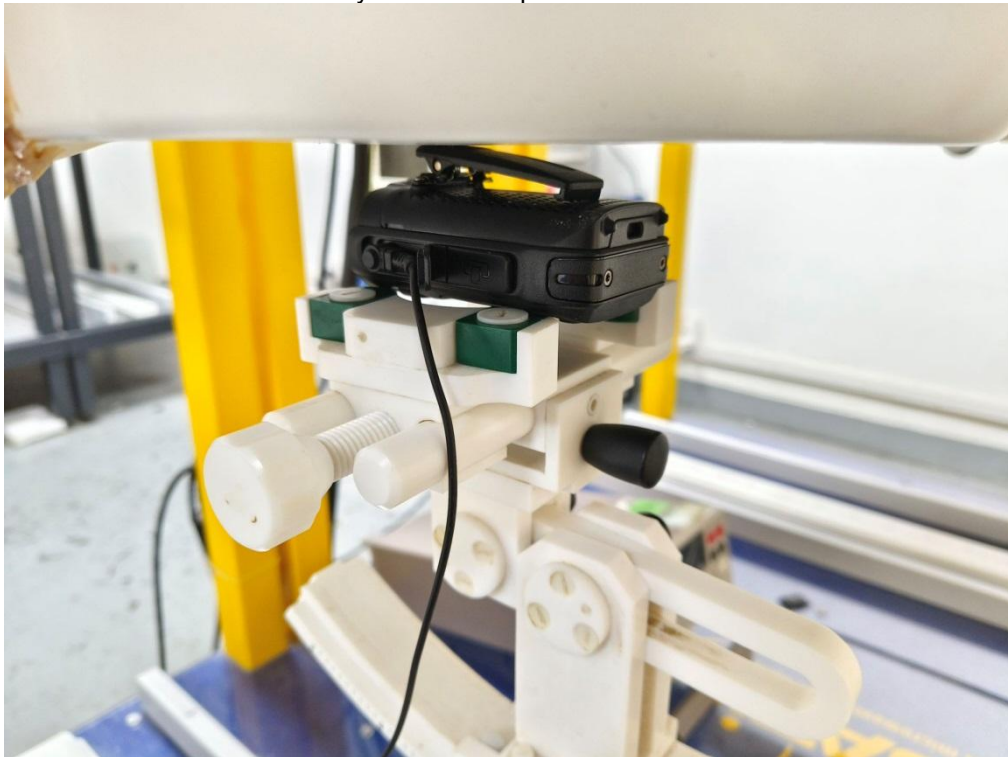
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APPENDIX C. TEST SETUP PHOTOGRAPHS

Body back+belt clip+headset 0mm



Face up 25mm



The thickness of EUT is 3.1cm

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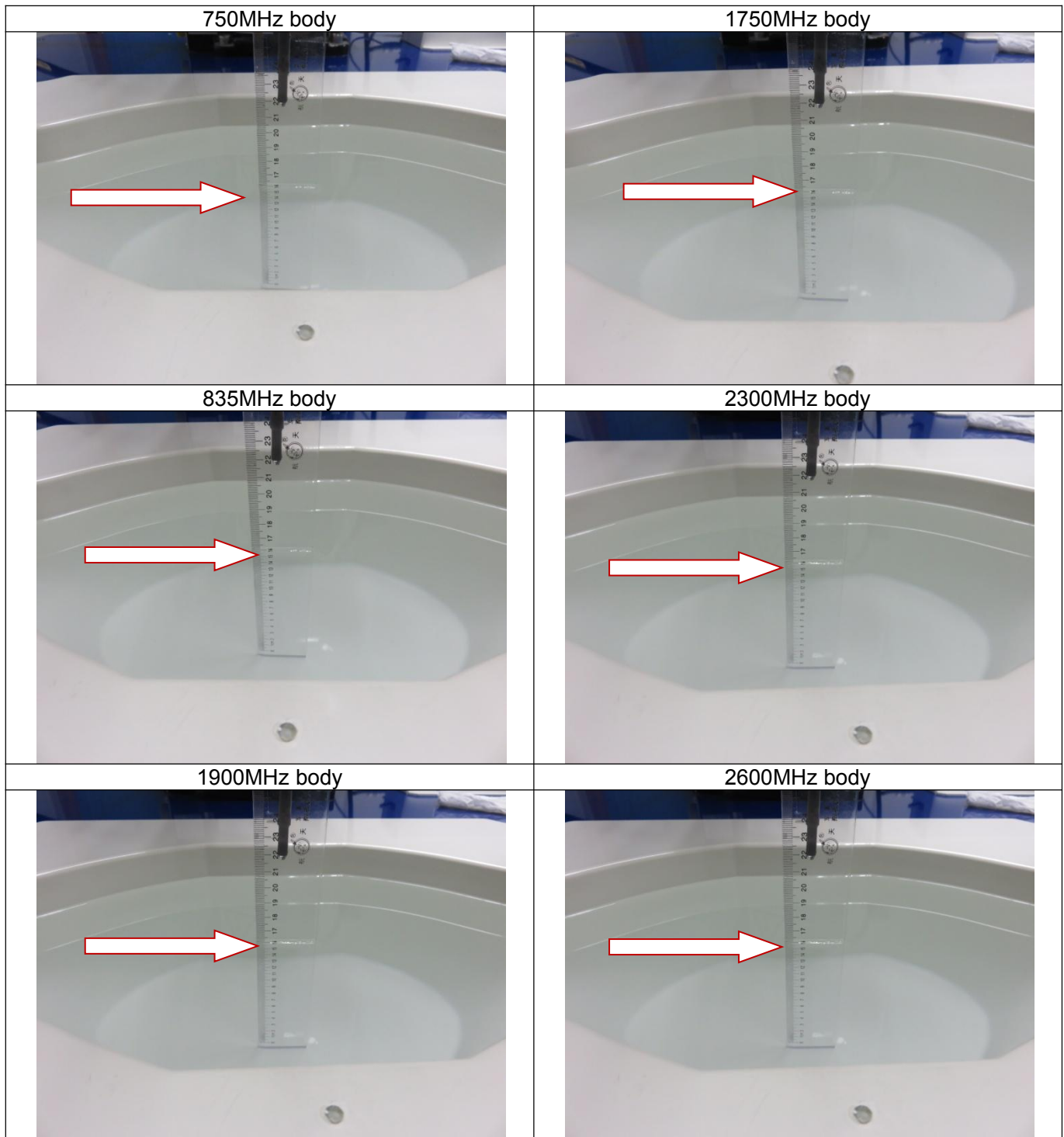
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DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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.

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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.

----END OF REPORT----

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