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Test Laboratory: AGC Lab
LTE Band 17 Mid-Body-Back with all accessories (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 14, 2024

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=1.95;
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma=0.90$ mho/m; $\epsilon_r=43.26$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.2

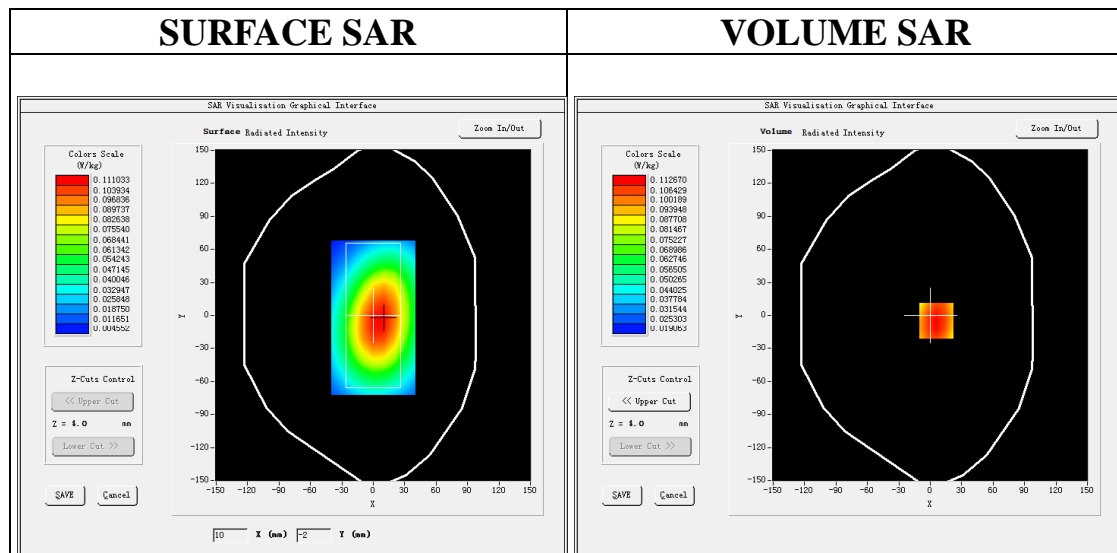
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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 Mid-Body-Back with all accessories/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 17 Mid-Body-Back with all accessories/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 with all accessories
Band	LTE Band 17
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

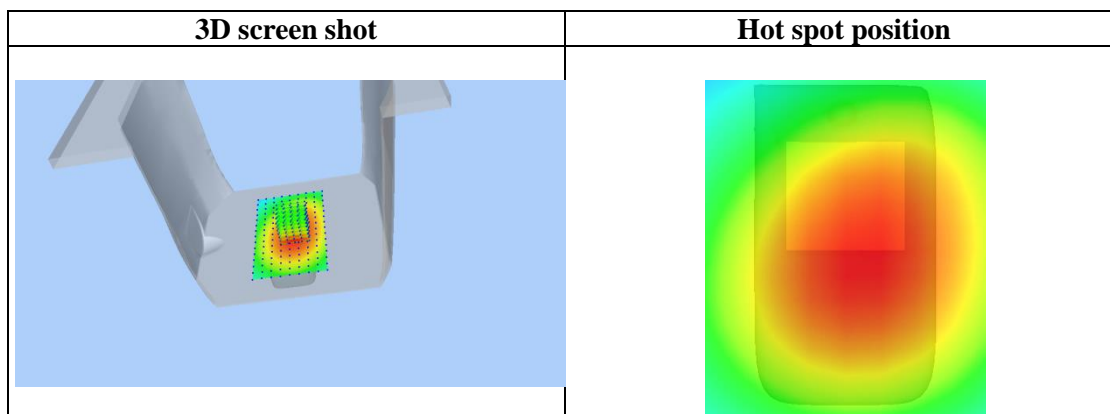
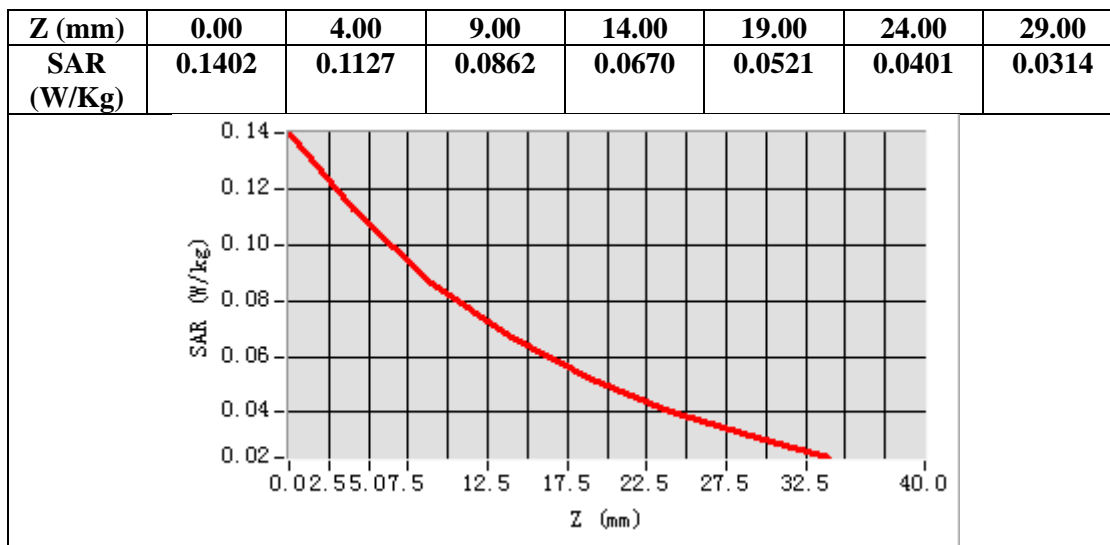


Maximum location: X=6.00, Y=-5.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.082058
SAR 1g (W/Kg)	0.111579

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Test Laboratory: AGC Lab
LTE Band 38 Mid-Face Up 2.5cm (1RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 09, 2024

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.13
Frequency: 2595MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 39.63$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.2, Liquid temperature (°C): 20.9

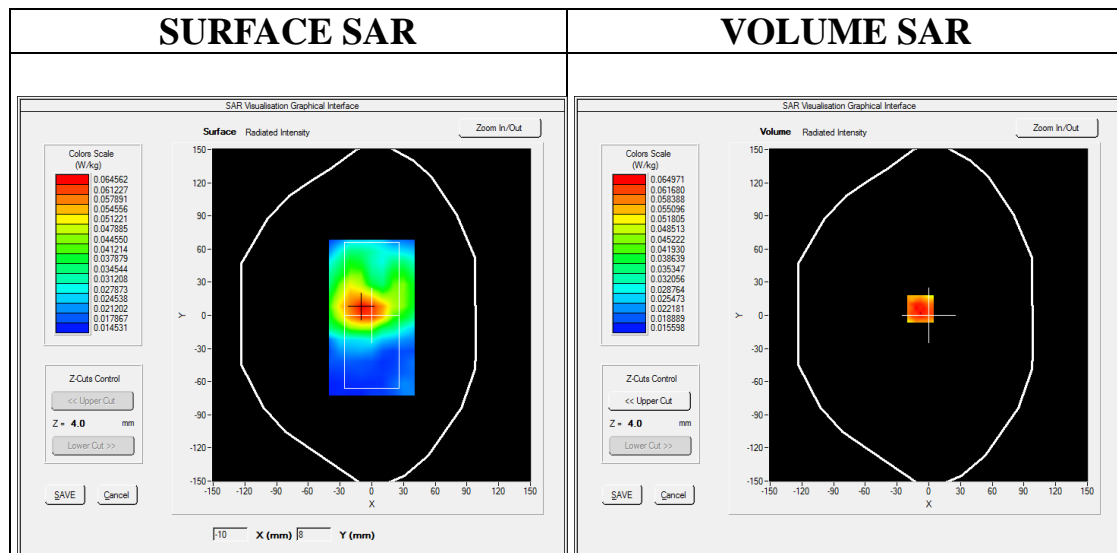
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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 Mid-Face Up 2.5cm /Area Scan: Measurement grid: dx=10mm, y=10mm

Configuration/ LTE BAND 38 Mid-Face Up 2.5cm /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 2.5cm
Band	LTE BAND 38
Channels	Middle
Signal	Crest factor: 1.58



Maximum location: X=-8.00, Y=6.00

SAR Peak: 0.12 W/kg

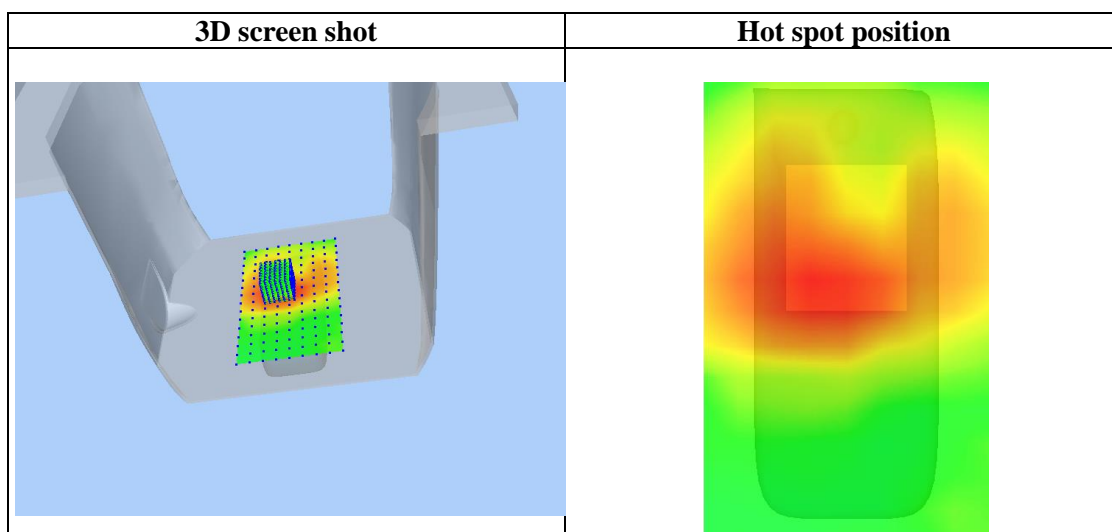
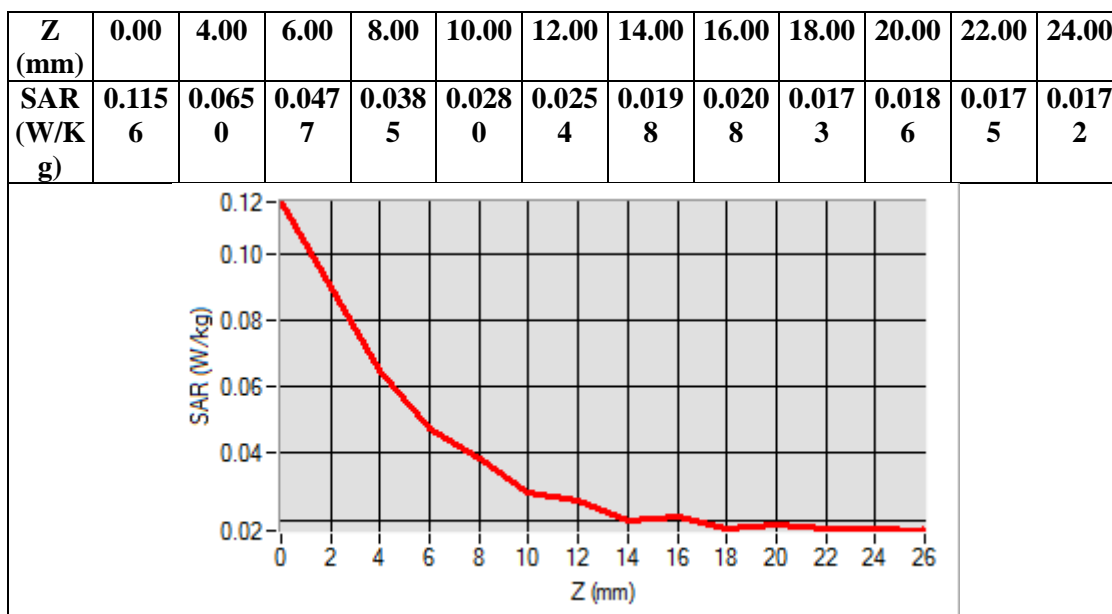
SAR 10g (W/Kg)	0.038427
SAR 1g (W/Kg)	0.061834

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Test Laboratory: AGC Lab
LTE Band 38 Mid-Body-Back with all accessories (1RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 09, 2024

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.13
Frequency: 2595MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 39.63$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.2, Liquid temperature (°C): 20.9

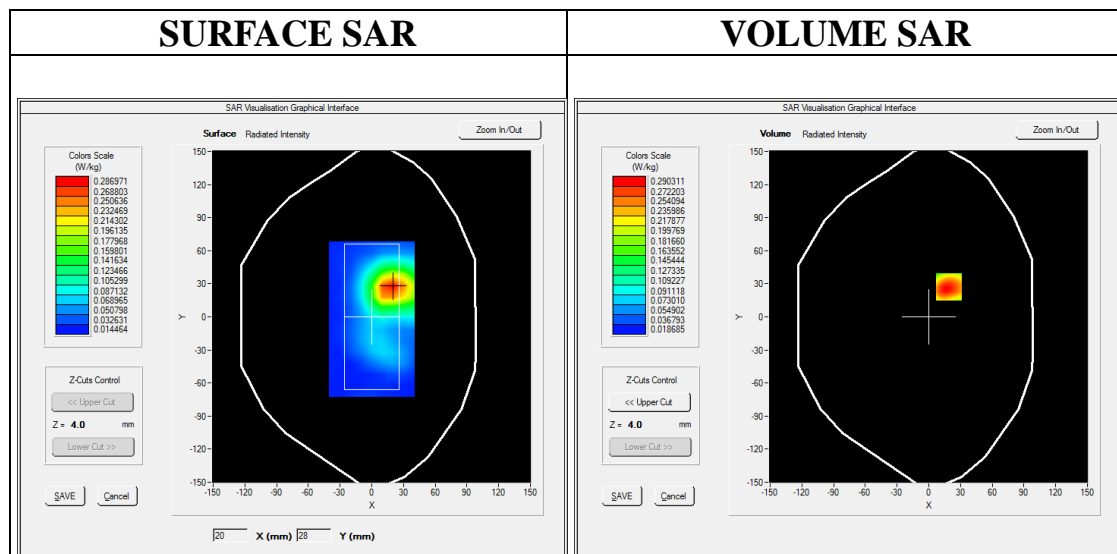
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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 Mid-Body-Back with all accessories /Area Scan: Measurement grid: dx=10mm, y=10mm

Configuration/ LTE BAND 38 Mid-Body-Back with all accessories /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 with all accessories
Band	LTE BAND 38
Channels	Middle
Signal	Crest factor: 1.58



Maximum location: X=19.00, Y=27.00

SAR Peak: 0.52 W/kg

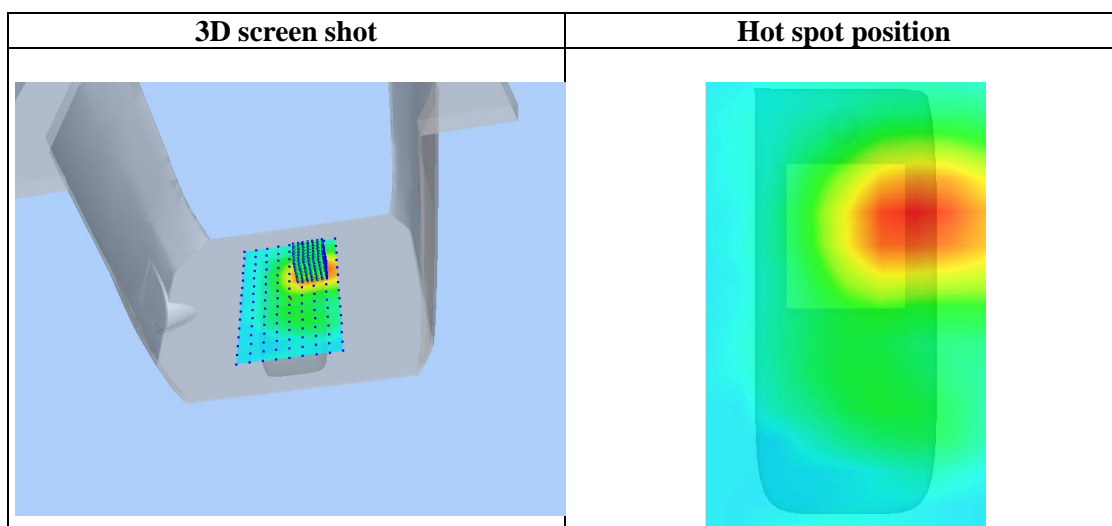
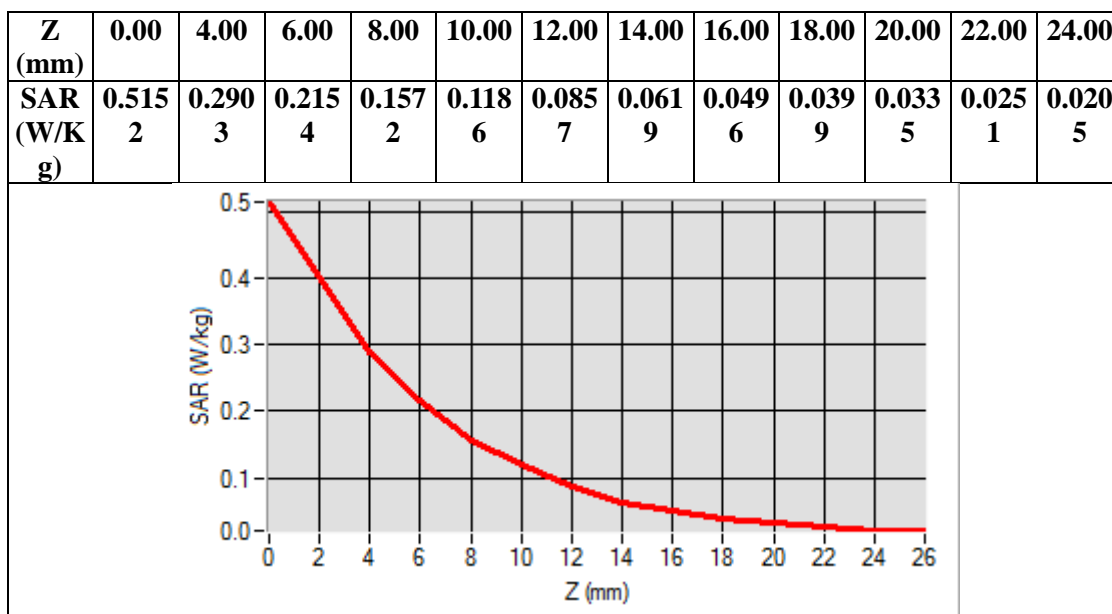
SAR 10g (W/Kg)	0.141080
SAR 1g (W/Kg)	0.277134

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Test Laboratory: AGC Lab
LTE Band 40- Lower Side Mid-Face Up 2.5cm (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 15, 2024

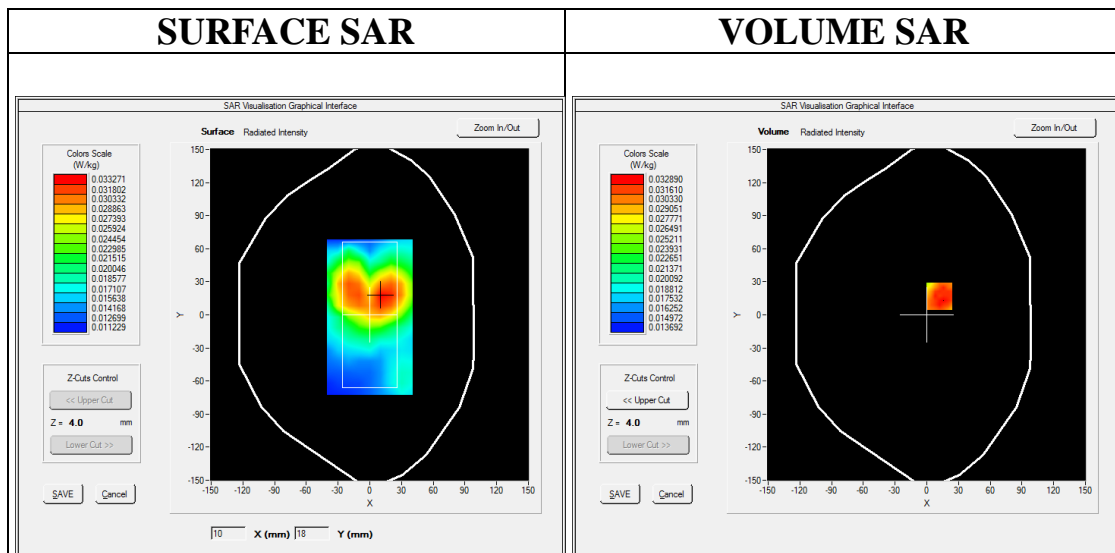
Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.33
Frequency: 2310 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.68$ mho/m; $\epsilon_r = 38.10$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 40- Lower Side Mid-Face Up 2.5cm/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 40- Lower Side Mid-Face Up 2.5cm/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 2.5cm
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58

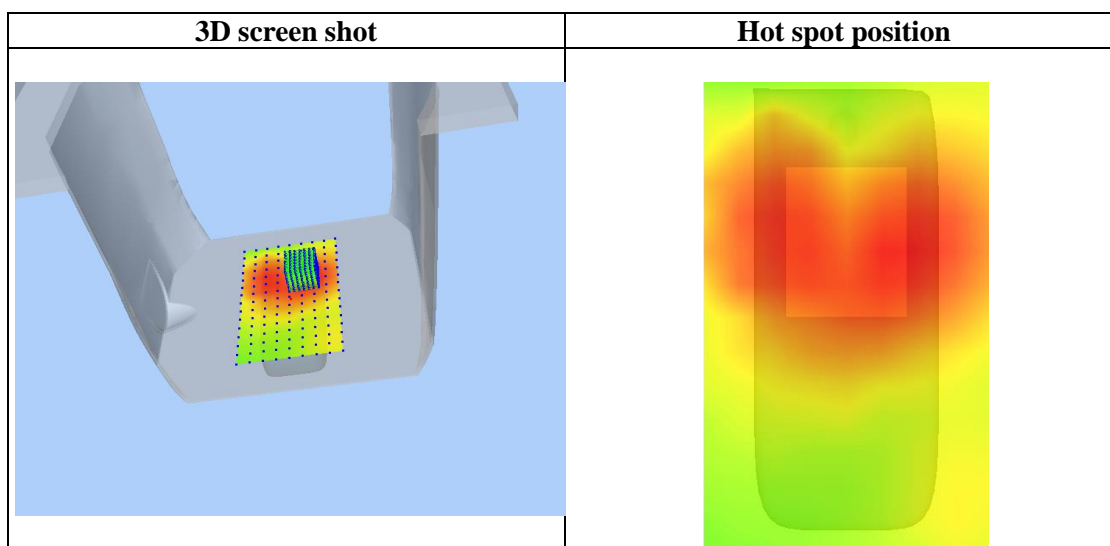
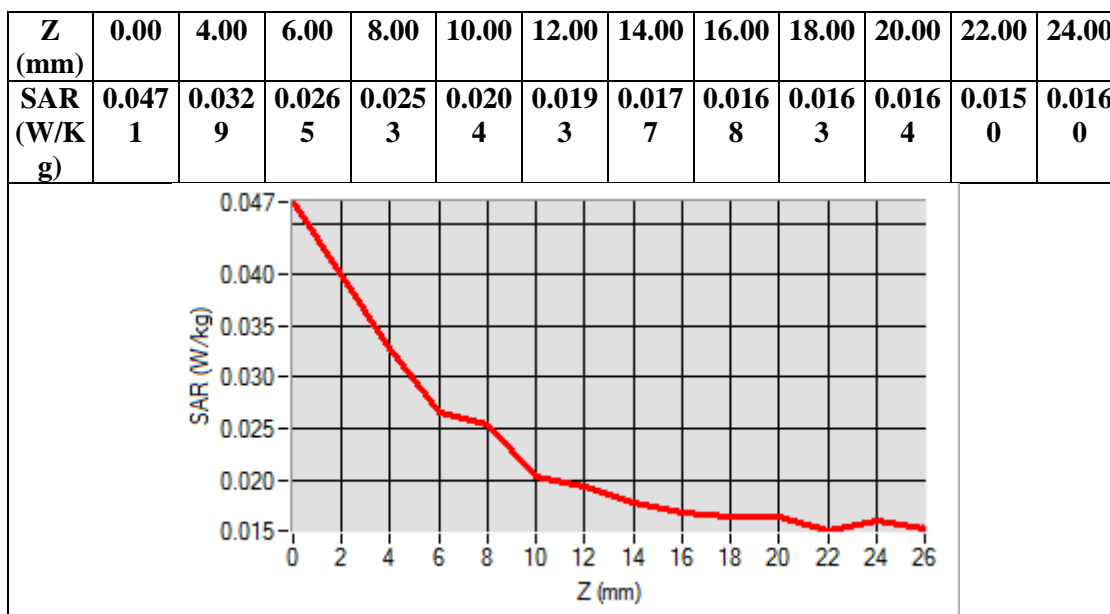


Maximum location: X=12.00, Y=17.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.023460
SAR 1g (W/Kg)	0.031314

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Test Laboratory: AGC Lab
LTE Band 40- Lower Side Mid-Body-Back with all accessories (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 15, 2024

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.33
Frequency: 2310 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.68$ mho/m; $\epsilon_r = 38.10$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.5

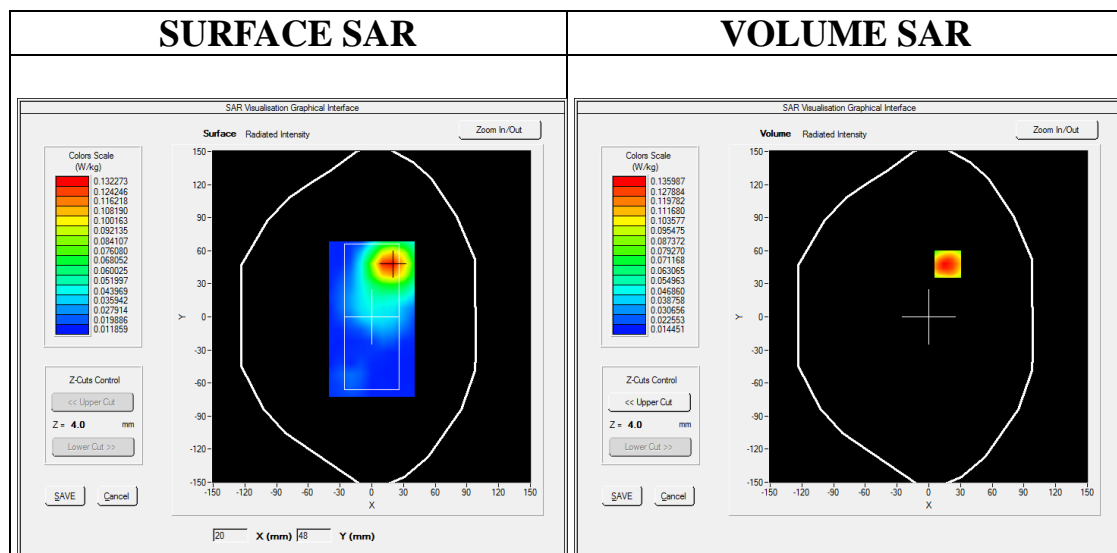
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 40- Lower Side Mid-Body-Back with all accessories/Area Scan: Measurement grid:
dx=8mm, dy=8mm

Configuration/ LTE Band 40- Lower Side Mid-Body-Back with all accessories/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 with all accessories
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58



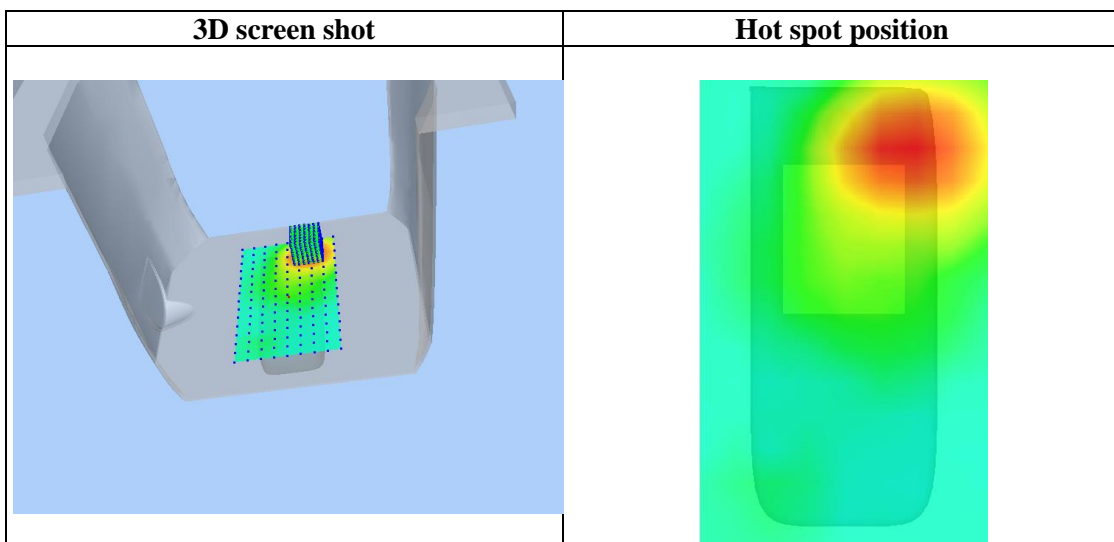
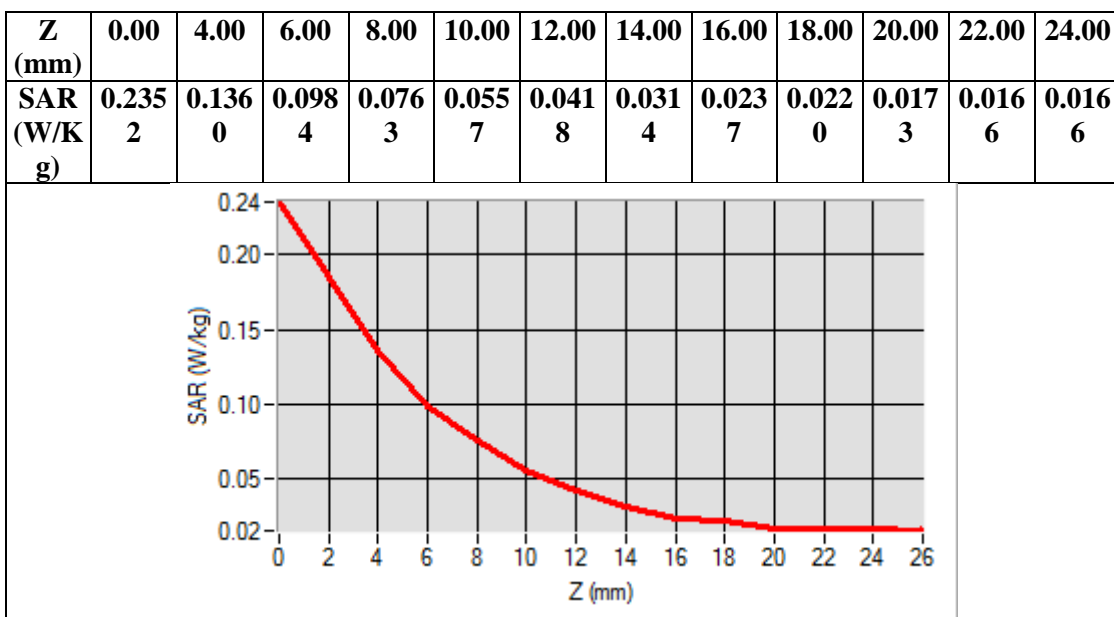
Maximum location: X=18.00, Y=48.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.066726
SAR 1g (W/Kg)	0.126928

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Test Laboratory: AGC Lab
LTE Band 40-Upper Side Mid-Face Up 2.5cm (1 RB#0)
DUT: 4G LTE IP Radio; **Type:** IP-66

Date: Mar. 15, 2024

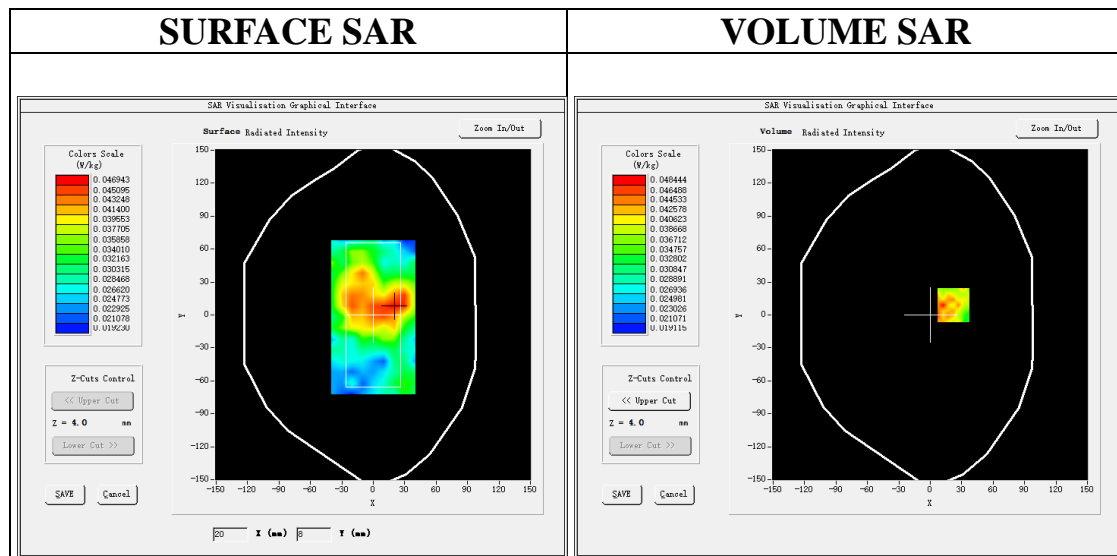
Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.33
Frequency: 2355 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.70$ mho/m; $\epsilon_r = 37.96$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 40-Upper Side Mid-Face Up 2.5cm/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 40-Upper Side Mid-Face Up 2.5cm/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 2.5cm
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58



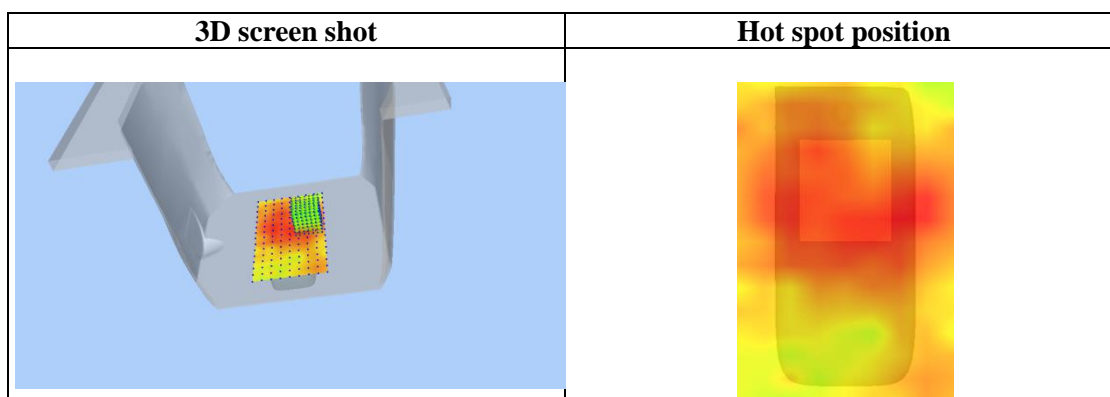
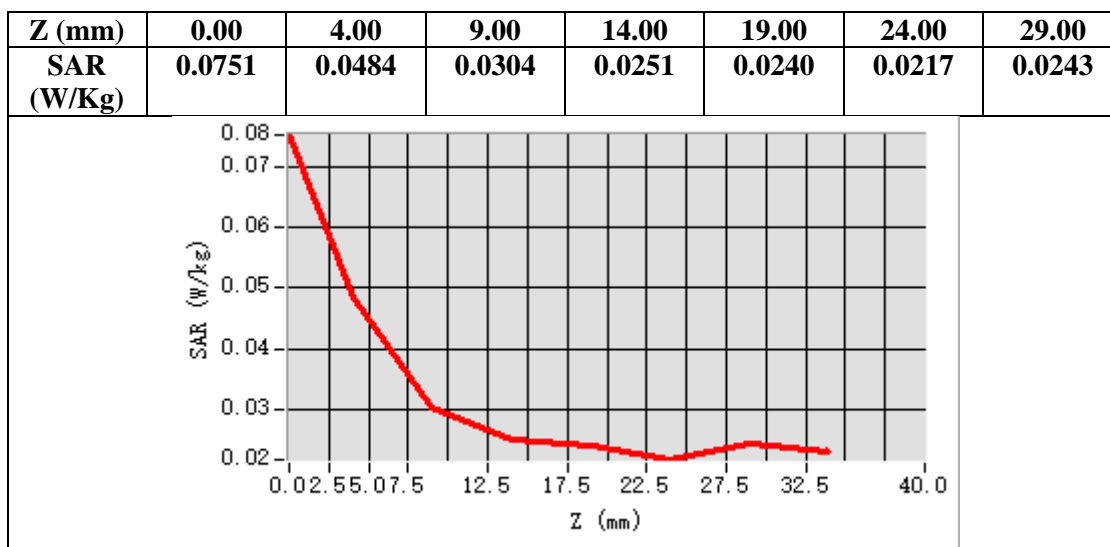
Maximum location: X=22.00, Y=9.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.031912
SAR 1g (W/Kg)	0.043431

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Test Laboratory: AGC Lab
LTE Band 40-Upper Side Mid-Body-Back with all accessories (1 RB#0)
DUT: 4G LTE IP Radio; **Type:** IP-66

Date: Mar. 15, 2024

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;
Conv.F=2.33
Frequency: 2355 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.70$ mho/m; $\epsilon_r = 37.96$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.5

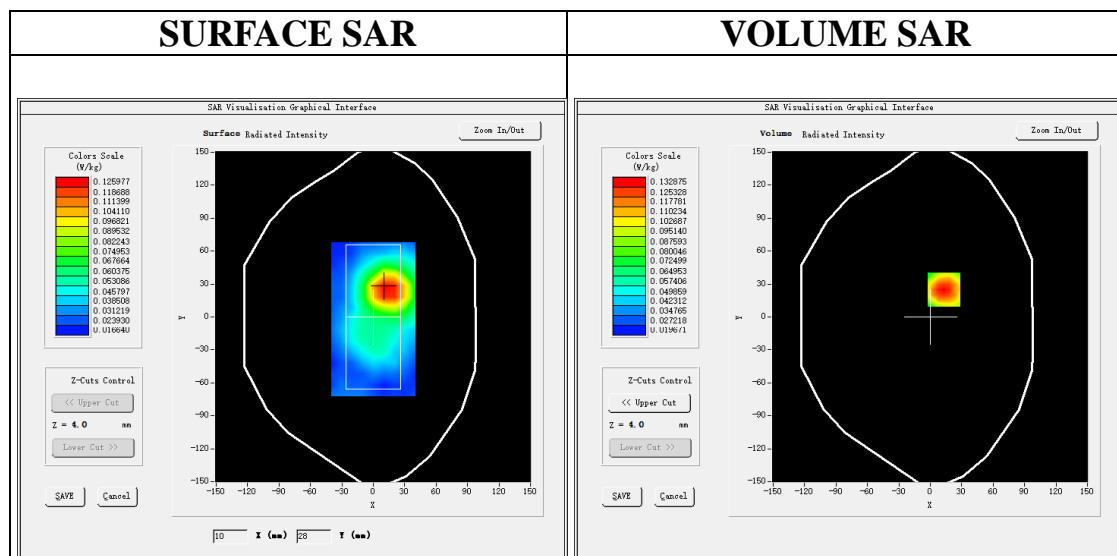
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 40-Upper Side Mid-Body-Back with all accessories/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 40-Upper Side Mid-Body-Back with all accessories/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 with all accessories
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58



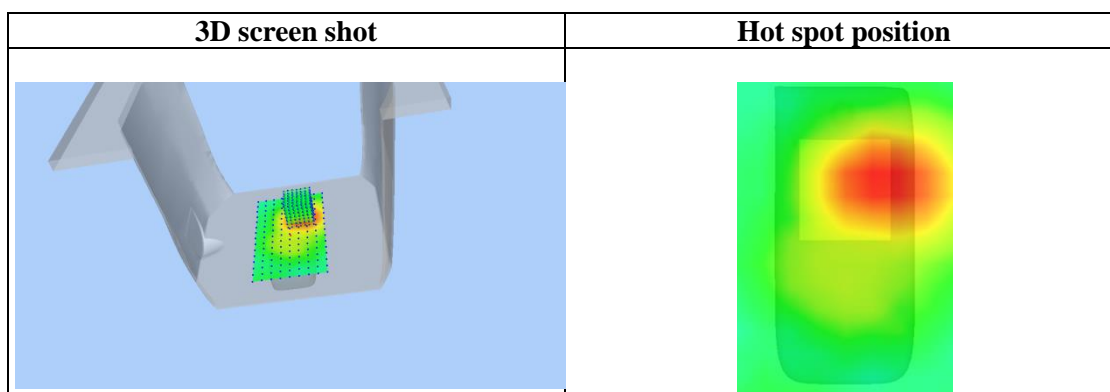
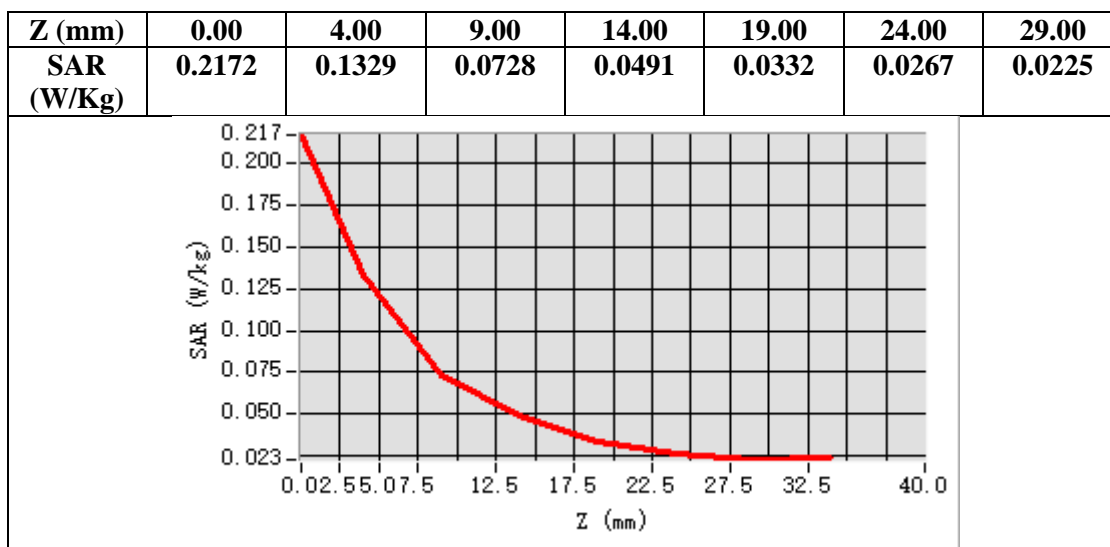
Maximum location: X=13.00, Y=25.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.075209
SAR 1g (W/Kg)	0.128596

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Test Laboratory: AGC Lab
LTE Band 66 Mid-Face Up 2.5cm (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 16, 2024

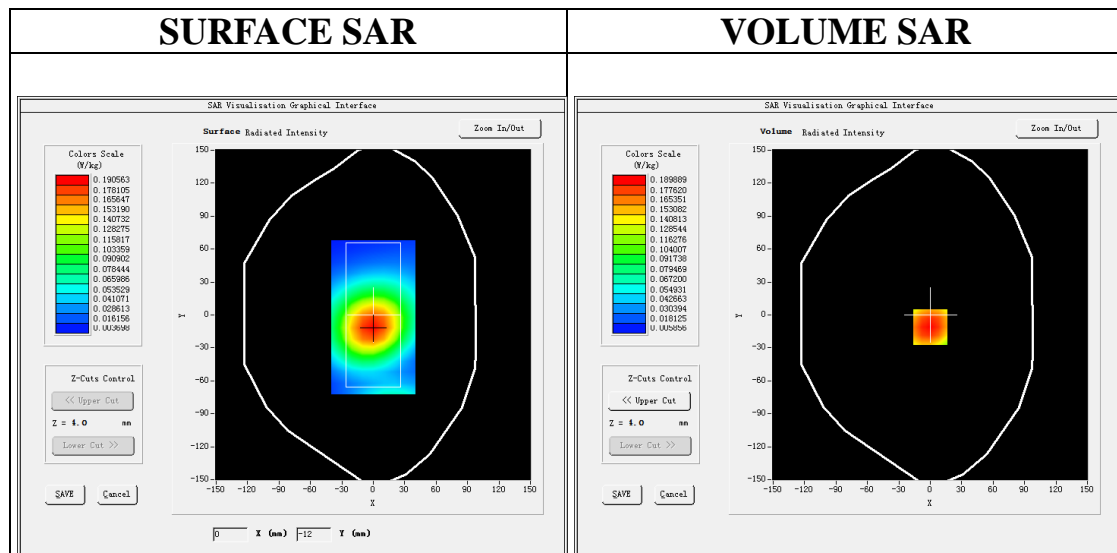
Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.17;
Frequency:1755 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.69$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.1

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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-Face Up 2.5cm/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 66 Mid-Face Up 2.5cm/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 2.5cm
Band	LTE Band 66
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



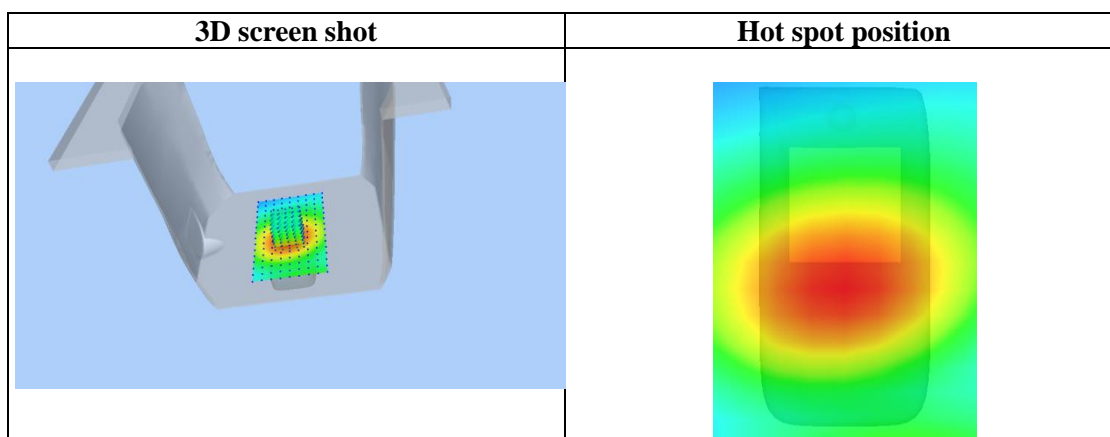
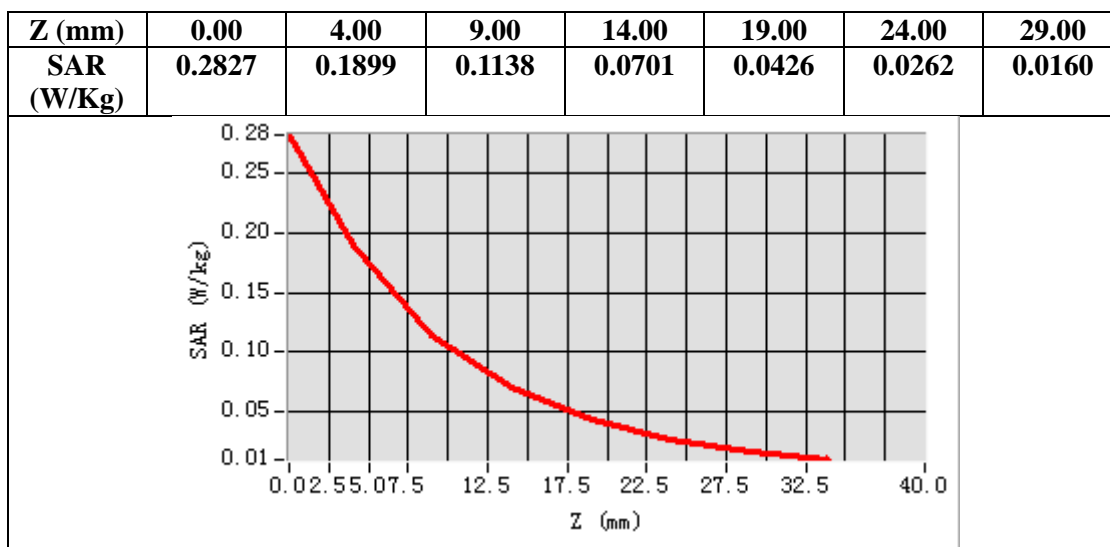
Maximum location: X=0.00, Y=-11.00

SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.110960
SAR 1g (W/Kg)	0.183463

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Test Laboratory: AGC Lab
LTE Band 66 Mid-Body-Back with all accessories (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 16, 2024

Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.17;
Frequency:1755 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.69$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.1

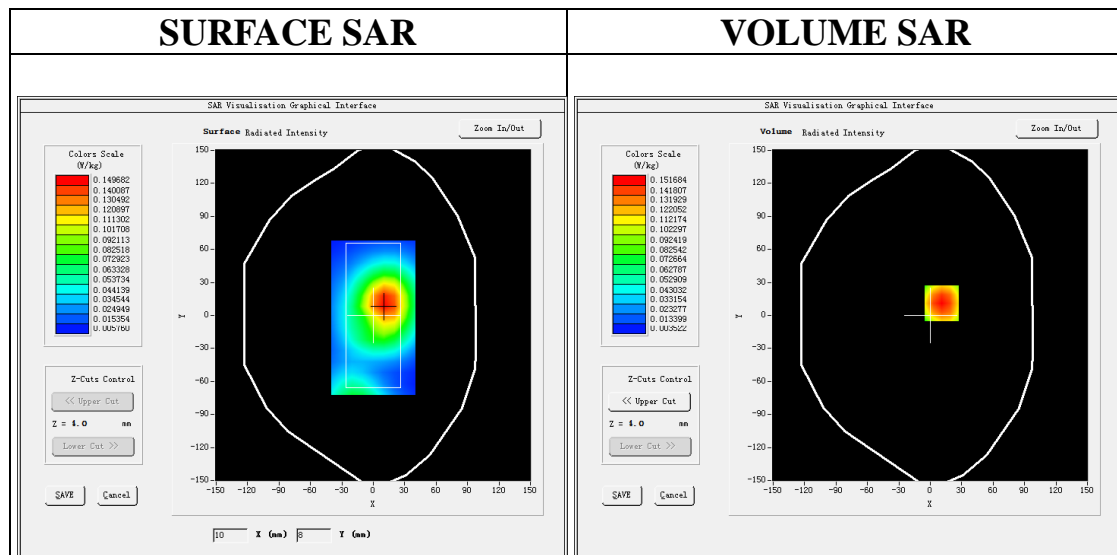
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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-Body-Back with all accessories/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 66 Mid-Body-Back with all accessories/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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 with all accessories
Band	LTE Band 66
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



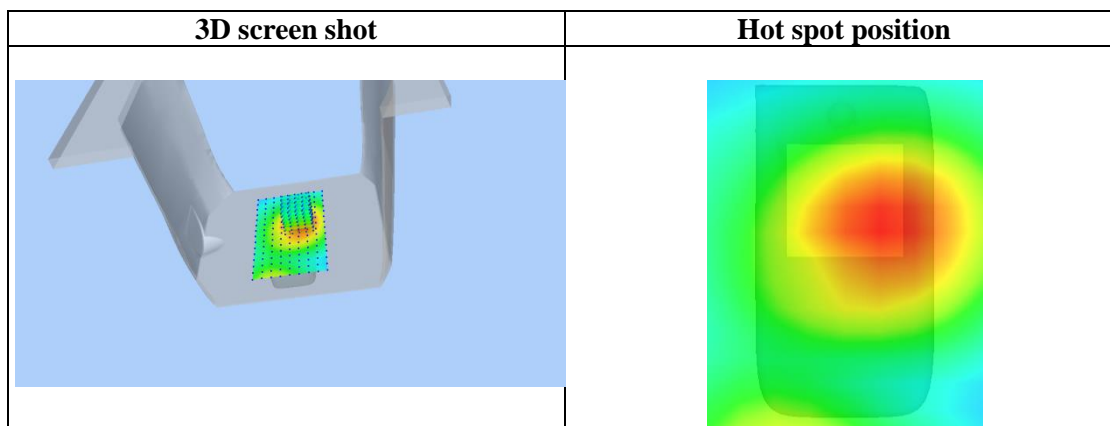
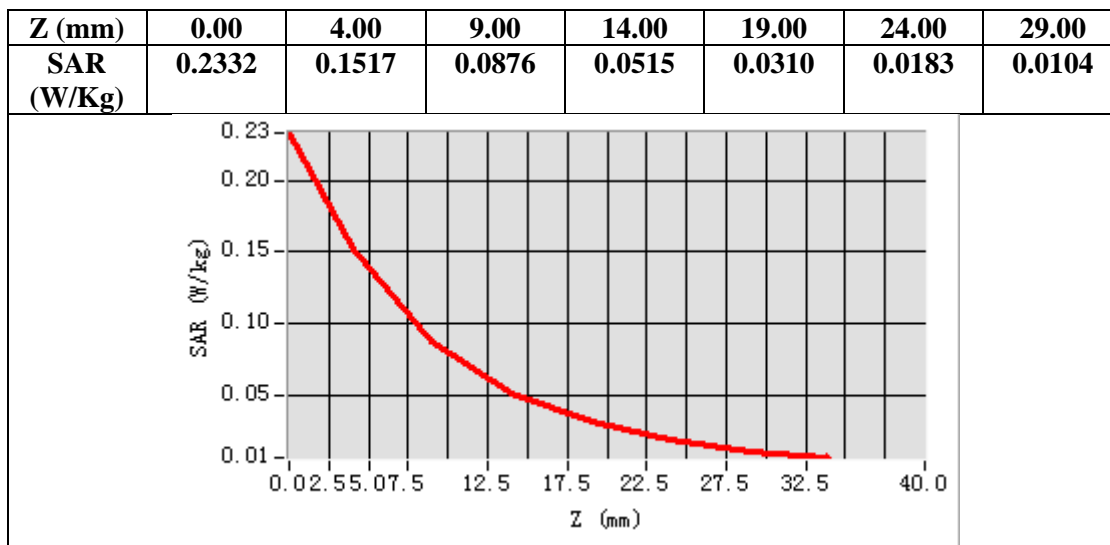
Maximum location: X=11.00, Y=11.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.084513
SAR 1g (W/Kg)	0.146312

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Test Laboratory: AGC Lab
LTE Band 71 Mid-Face Up 2.5cm (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 14, 2024

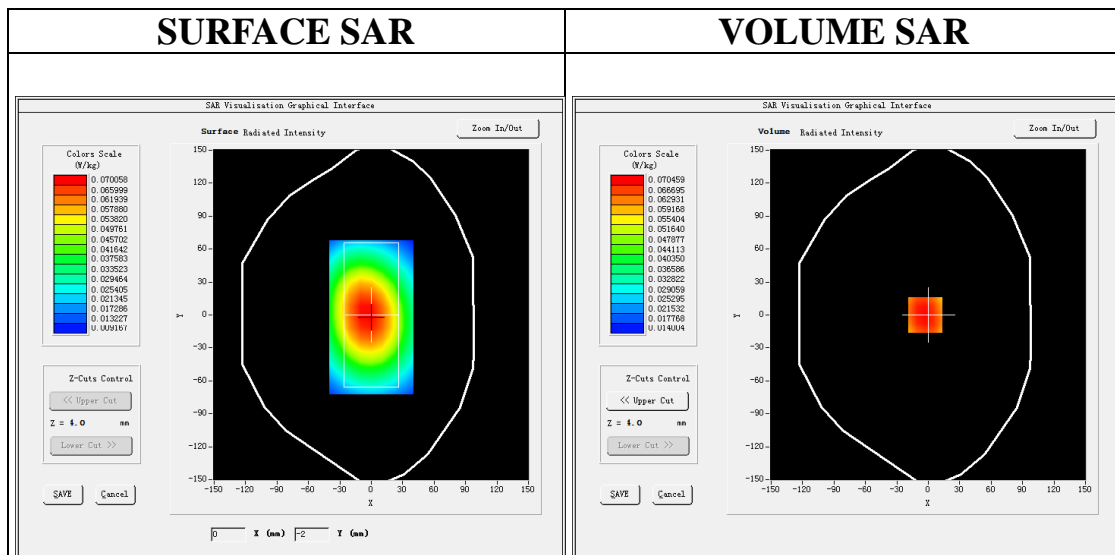
Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=1.95;
Frequency: 683 MHz; Medium parameters used: $f = 750$ MHz; $\sigma=0.87$ mho/m; $\epsilon_r=43.82$; $\rho=1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.2

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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-Face Up 2.5cm/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 71 Mid-Face Up 2.5cm/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 2.5cm
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-3.00, Y=0.00

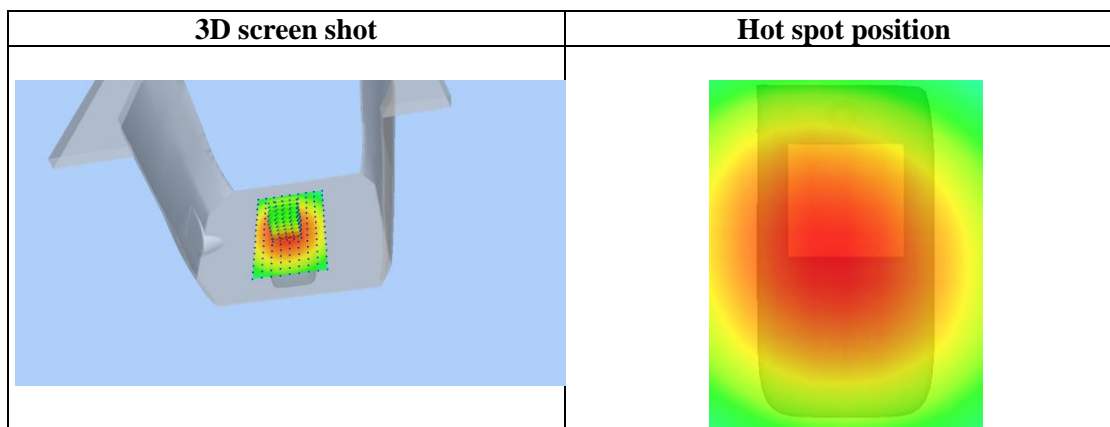
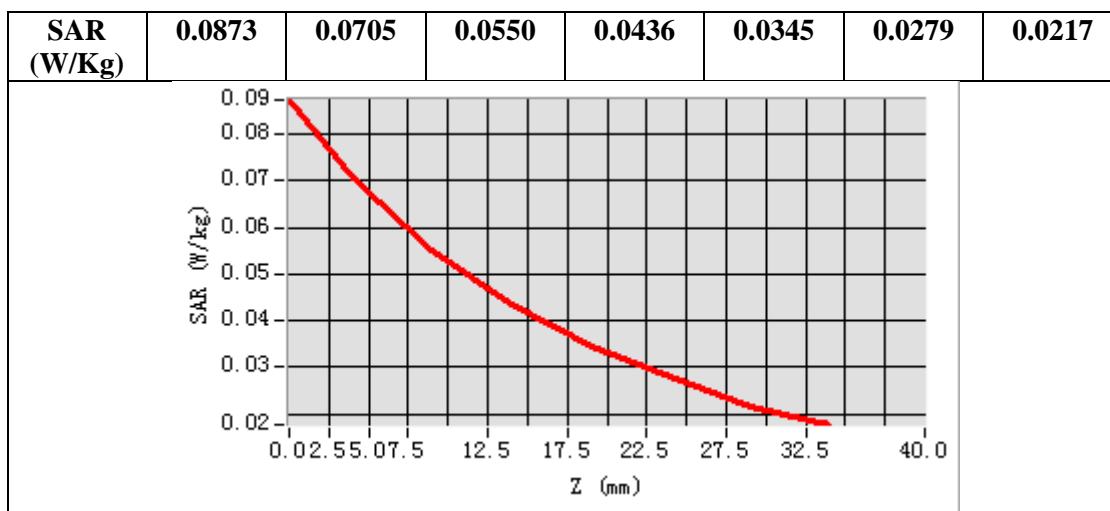
SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.053632
SAR 1g (W/Kg)	0.071283

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
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Test Laboratory: AGC Lab
LTE Band 71 Mid-Body-Back with all accessories (1 RB#0)
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 14, 2024

Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=1.95;
Frequency: 683 MHz; Medium parameters used: $f = 750$ MHz; $\sigma=0.87$ mho/m; $\epsilon_r=43.82$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.2

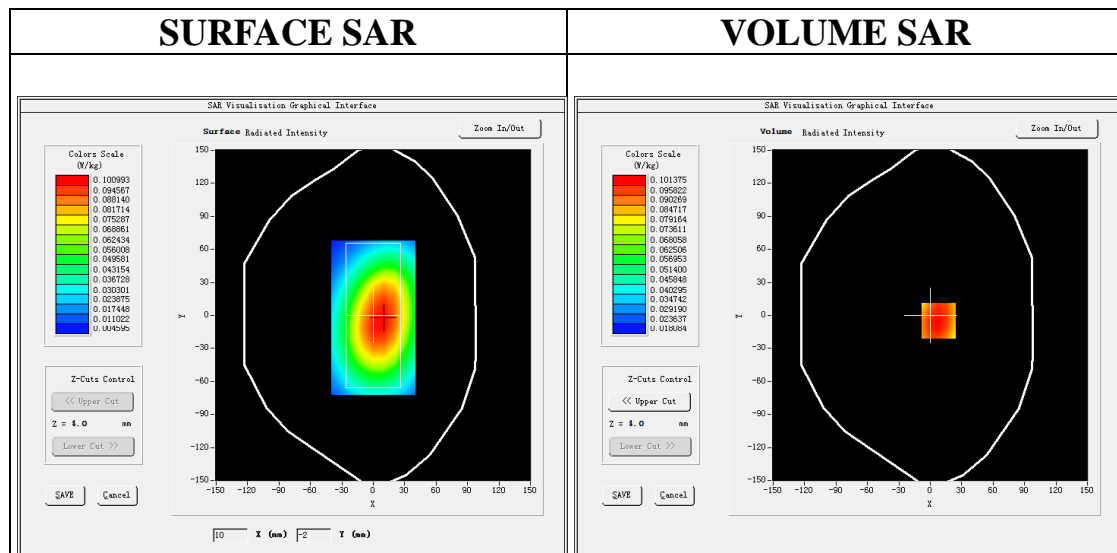
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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 with all accessories/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 71 Mid-Body-Back with all accessories/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 with all accessories
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

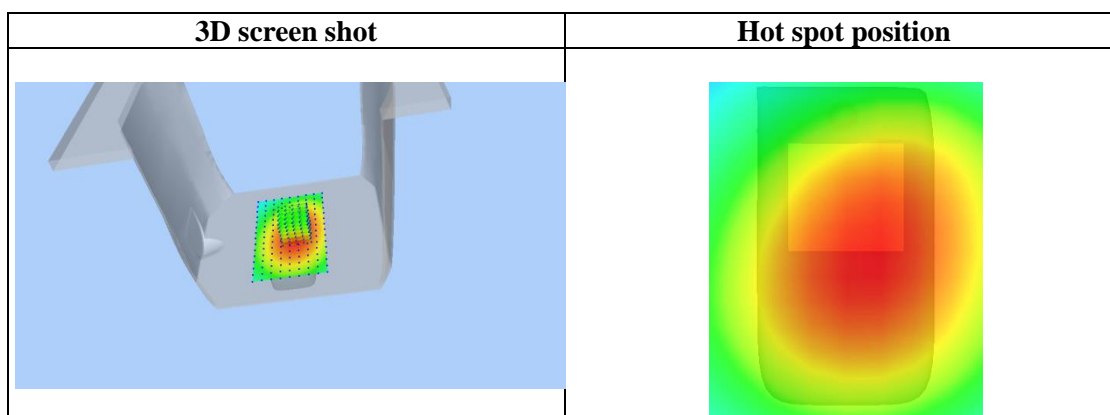
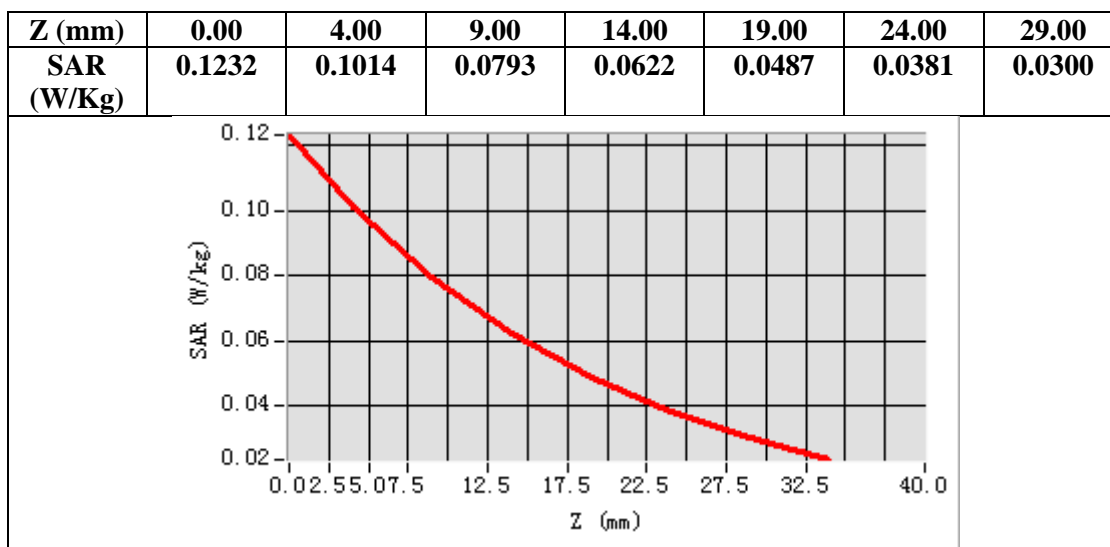


Maximum location: X=8.00, Y=-5.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.076235
SAR 1g (W/Kg)	0.102501

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WIFI MODE

Test Laboratory: AGC Lab
802.11b High- Face Up 2.5cm
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 10, 2024

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.29;
Frequency: 2462 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 37.92$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

Ambient temperature (°C):21.9, Liquid temperature (°C): 21.6

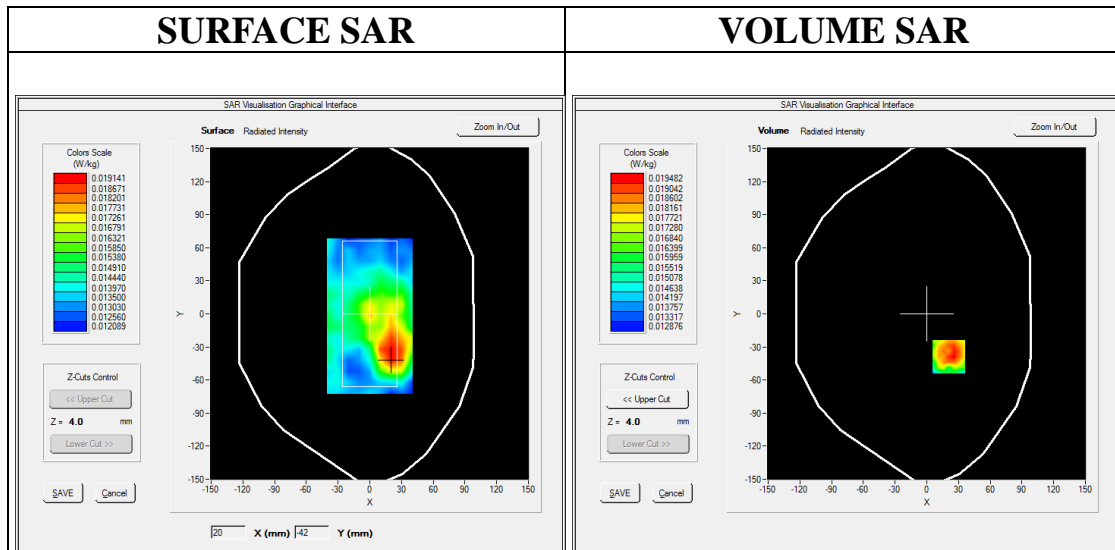
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/802.11b High- Face Up 2.5cm /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11b High- Face Up 2.5cm /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 2.5cm
Band	2450MHz
Channels	High
Signal	Crest factor: 1.0



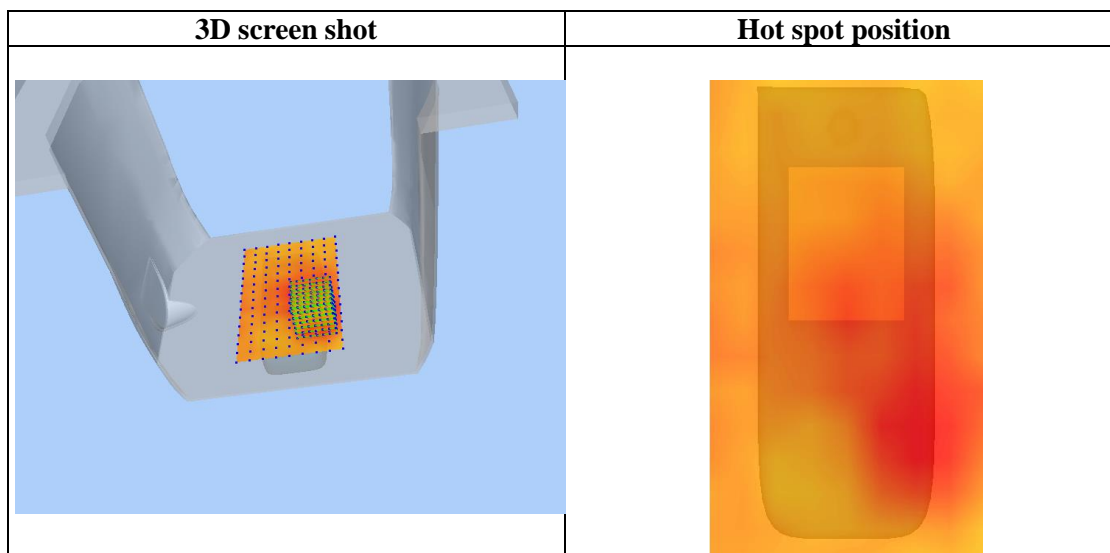
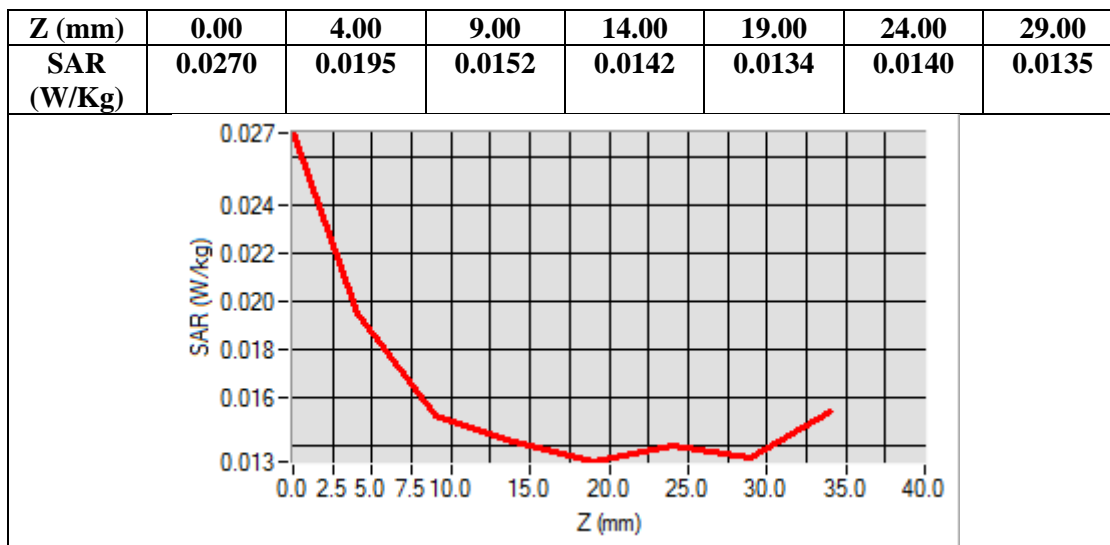
Maximum location: X=21.00, Y=-39.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.016051
SAR 1g (W/Kg)	0.019451

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Test Laboratory: AGC Lab
802.11b High- Body-Back with all accessories
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 10, 2024

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.29;
Frequency: 2462 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 37.92$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

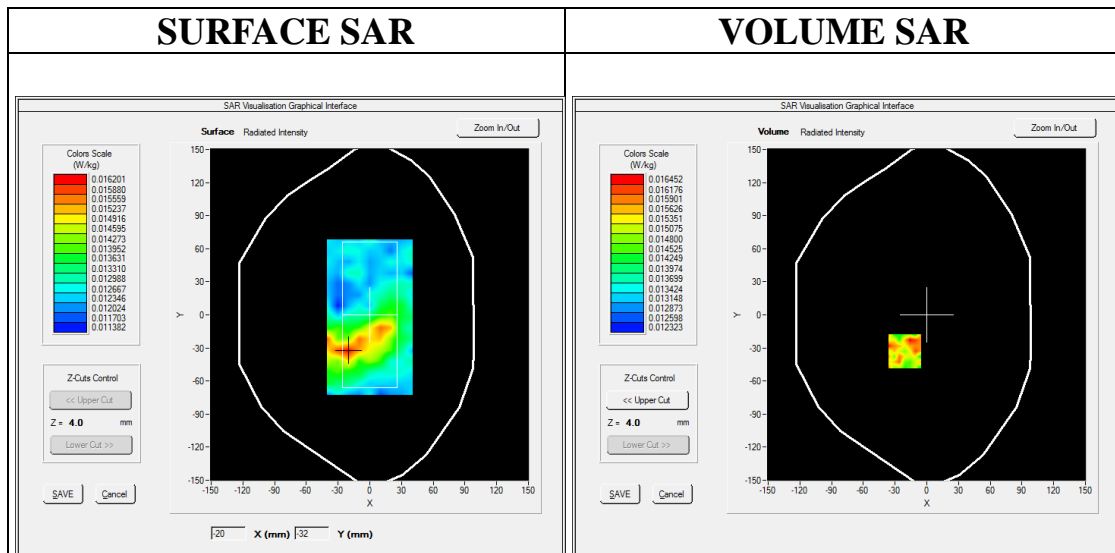
Ambient temperature (°C):21.9, Liquid temperature (°C): 21.6

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/802.11b High- Body-Back with all accessories /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b High- Body-Back with all accessories /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 with all accessories
Band	2450MHz
Channels	High
Signal	Crest factor: 1.0

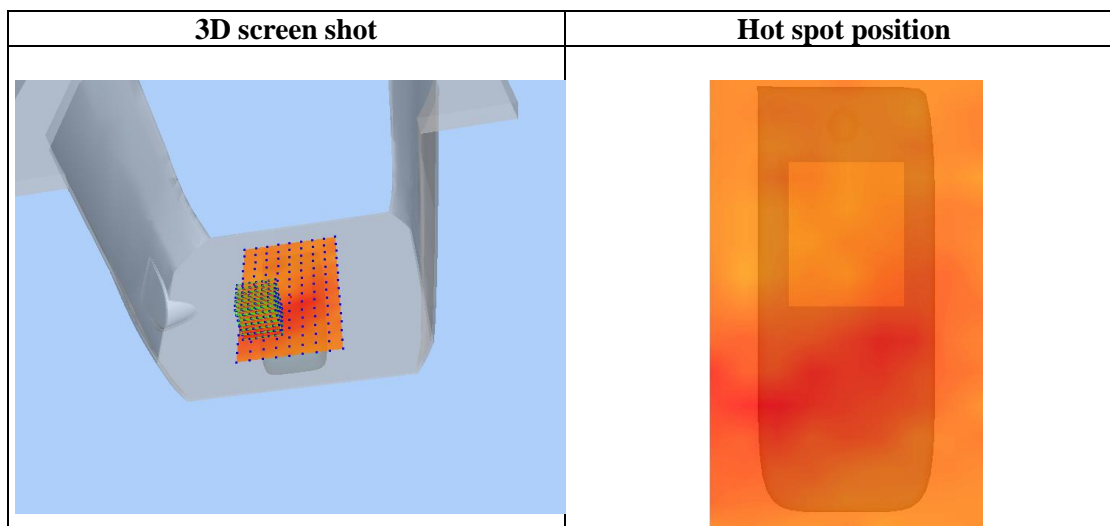
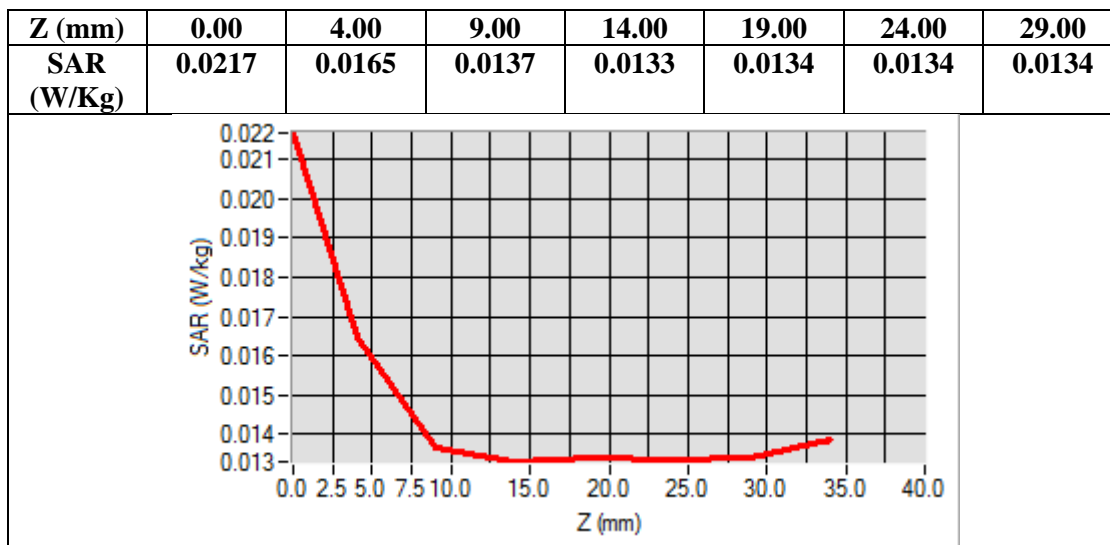


Maximum location: X=-21.00, Y=-33.00
SAR Peak: 0.02 W/kg

SAR 10g (W/Kg)	0.014373
SAR 1g (W/Kg)	0.015813

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5.2GHz 802.11a

Test Laboratory: AGC Lab

802.11a CH48-Face Up 2.5cm

DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 18, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle:98%; Conv.F=2.35;
Frequency: 5240MHz; Medium parameters used: $f = 5200$ MHz; $\sigma = 4.65$ mho/m; $\epsilon_r = 35.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.1

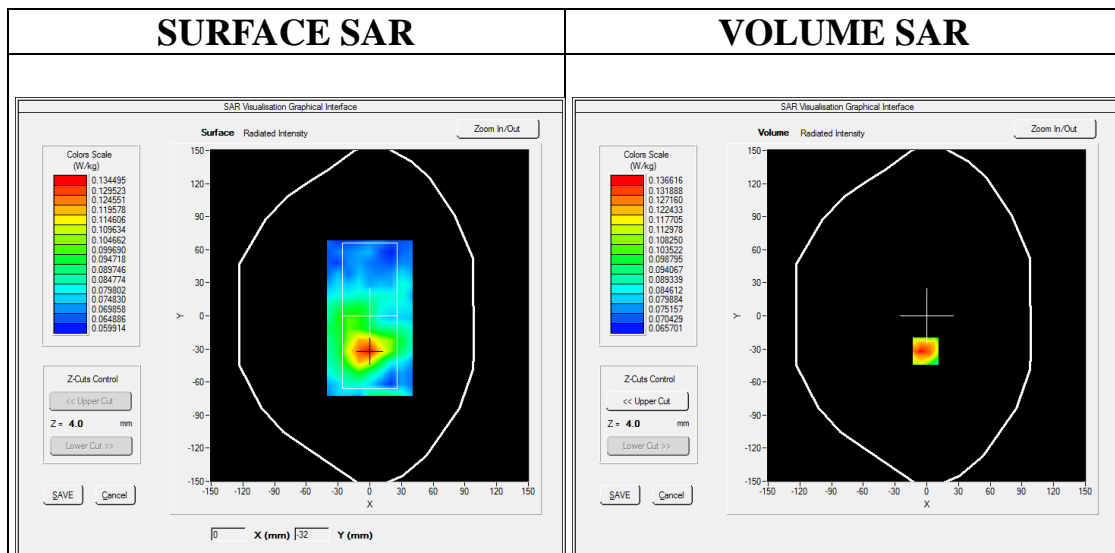
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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- Face Up 2.5cm /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH48- Face Up 2.5cm /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	Face Up 2.5cm
Band	5200MHz
Channels	CH48
Signal	Crest factor: 1.0



Maximum location: X=-1.00, Y=-32.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.096018
SAR 1g (W/Kg)	0.130731

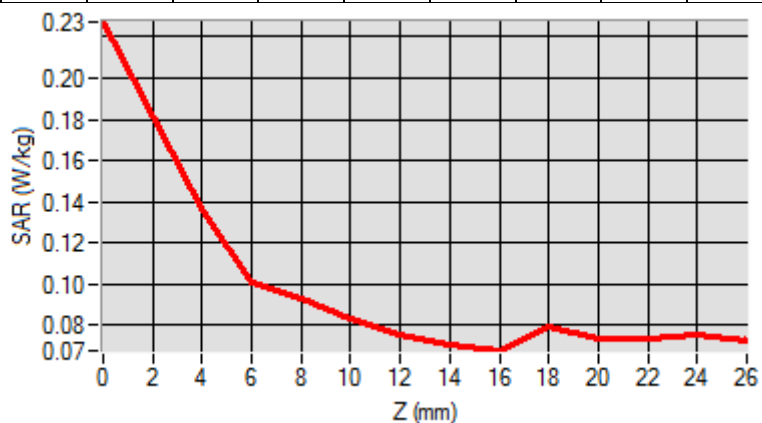
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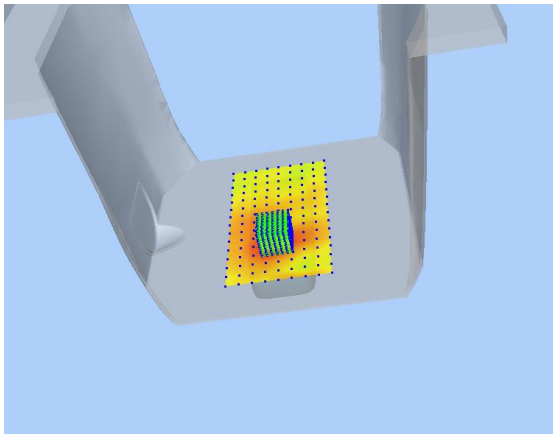
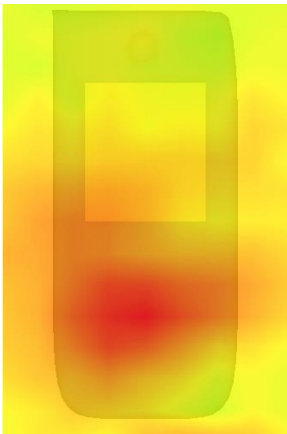
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Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	0.227 1	0.136 6	0.100 7	0.092 9	0.083 2	0.075 3	0.070 9	0.067 8	0.079 0	0.073 6	0.073 2	0.075 2



3D screen shot	Hot spot position
	

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Test Laboratory: AGC Lab
802.11a CH48-Body-Back with all accessories
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 18, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 98%; Conv.F=2.35;
Frequency: 5240MHz; Medium parameters used: $f = 5200$ MHz; $\sigma = 4.65$ mho/m; $\epsilon_r = 35.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.1

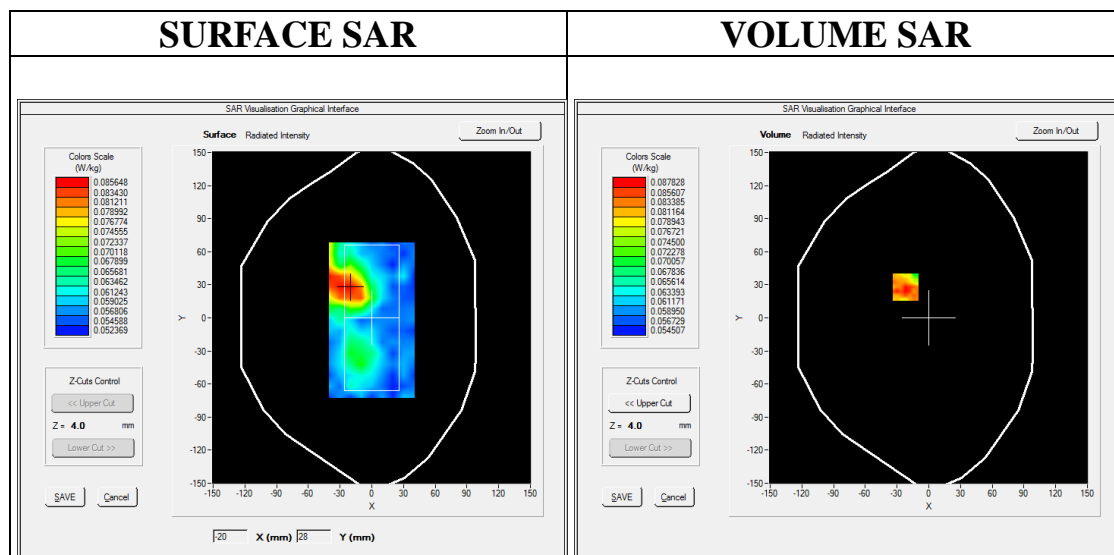
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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- Body-Back with all accessories /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH48- Body-Back with all accessories /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	Body-Back with all accessories
Band	5200MHz
Channels	CH48
Signal	Crest factor: 1.0

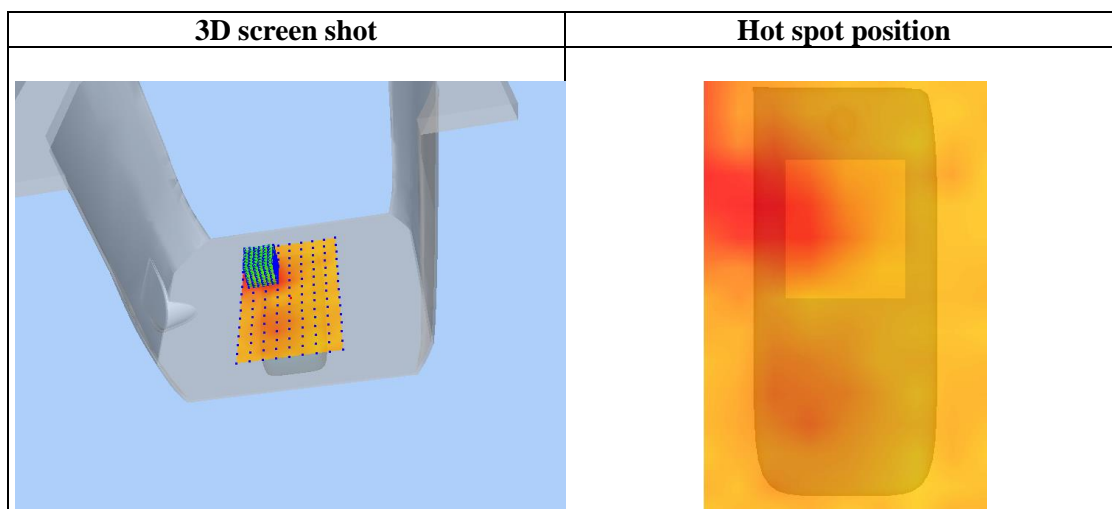
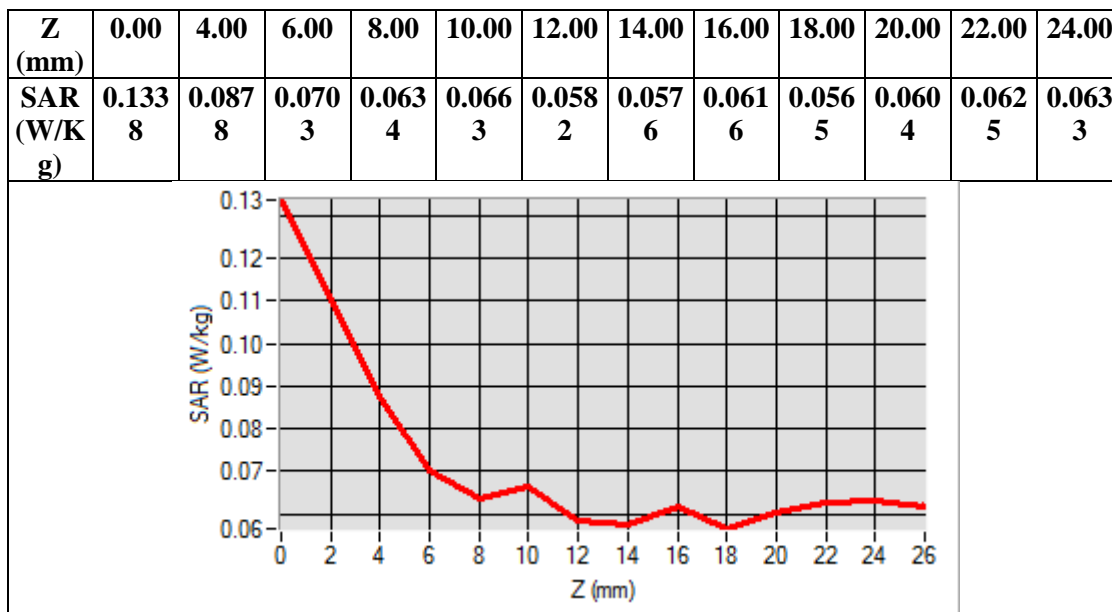


Maximum location: X=-22.00, Y=28.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.070596
SAR 1g (W/Kg)	0.086893

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5.3GHz 802.11a

Test Laboratory: AGC Lab

802.11a CH52-Face Up 2.5cm

DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 19, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 98%; Conv.F=1.35;
Frequency: 5260MHz; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.69$ mho/m; $\epsilon_r = 36.83$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

Ambient temperature (°C): 21.2, Liquid temperature (°C): 20.9

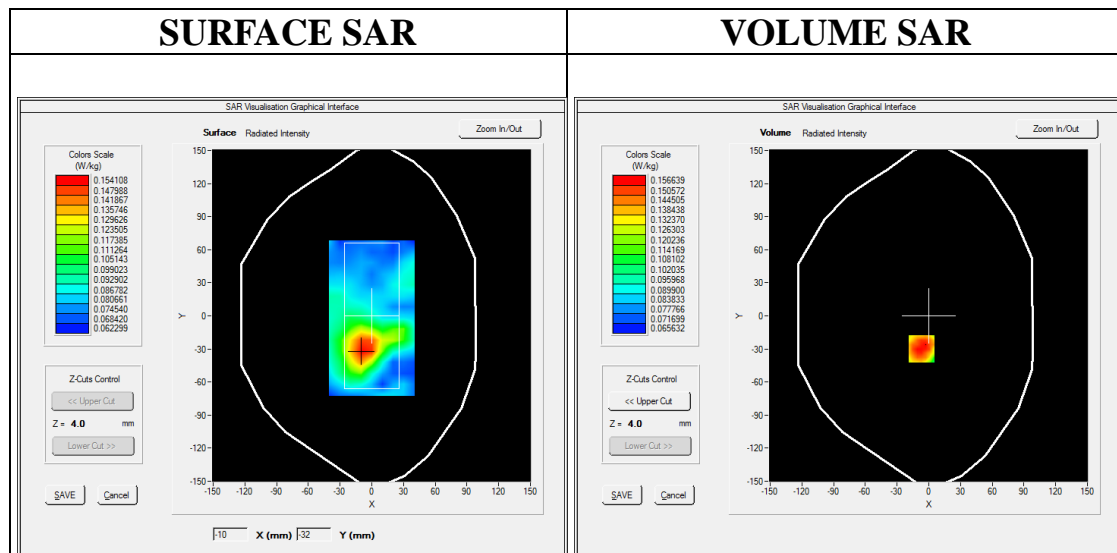
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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- Face Up 2.5cm /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11a CH52- Face Up 2.5cm /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	Face Up 2.5cm
Band	5300MHz
Channels	CH52
Signal	Crest factor: 1.0



Maximum location: X=-7.00, Y=-30.00

SAR Peak: 0.31 W/kg

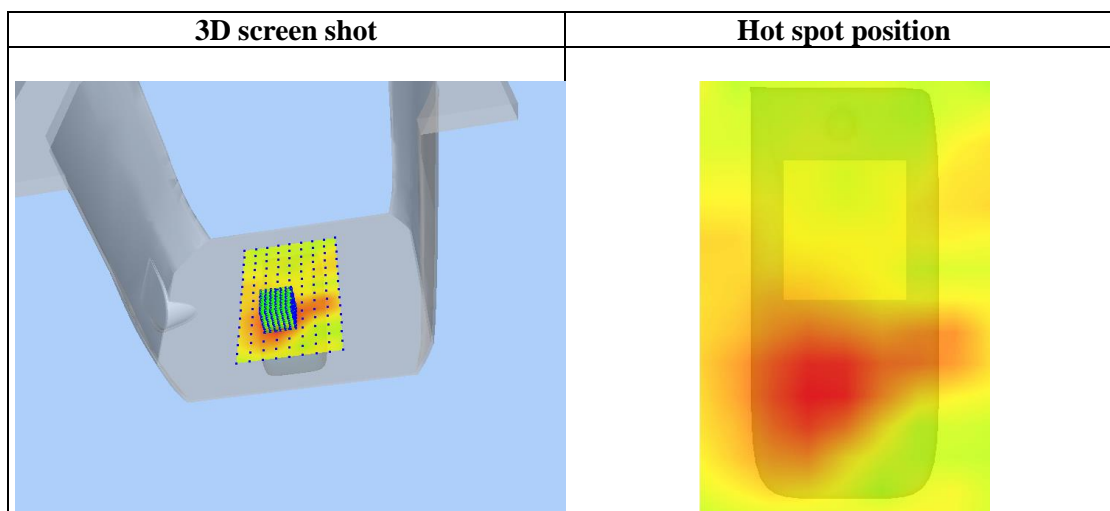
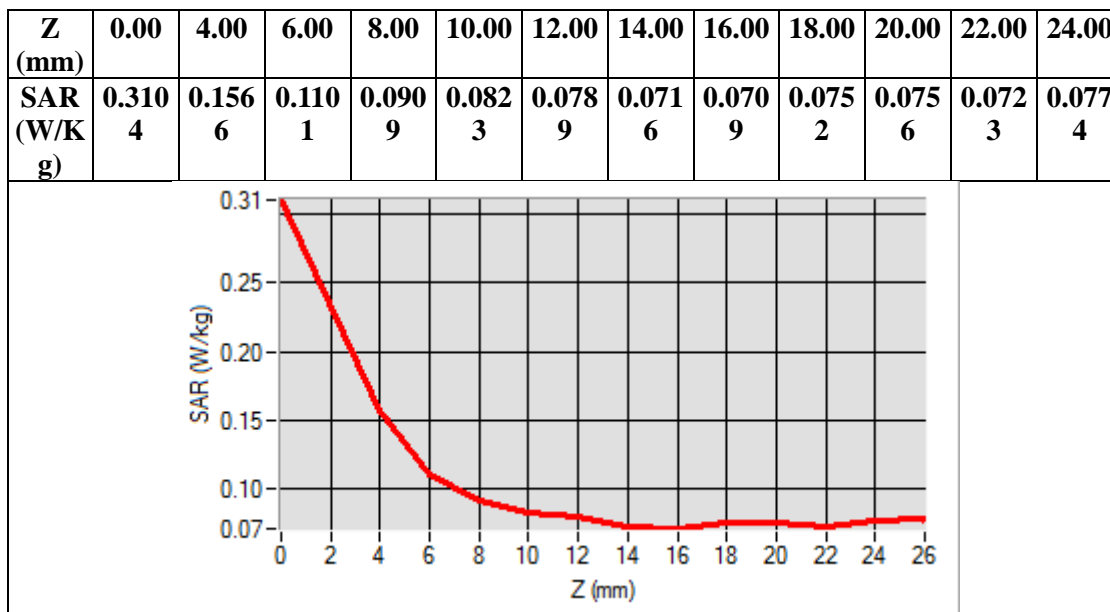
SAR 10g (W/Kg)	0.108709
SAR 1g (W/Kg)	0.157123

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Test Laboratory: AGC Lab
802.11a CH52-Body-Back with all accessories
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 19, 2024

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 98%; Conv.F=1.35;
Frequency: 5260MHz; Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.69 \text{ mho/m}$; $\epsilon_r = 36.83$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 21.2, Liquid temperature ($^{\circ}\text{C}$): 20.9

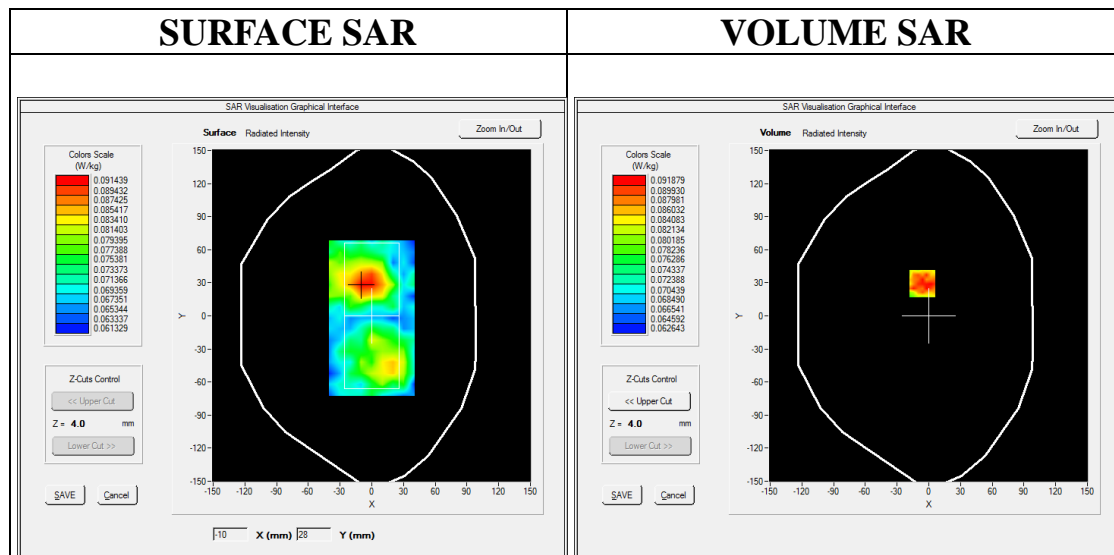
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; 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- Body-Back with all accessories /Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

Configuration/802.11a CH52- Body-Back with all accessories /Zoom Scan: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 $dx=4\text{mm}$ $dy=4\text{mm}$ $dz=2\text{mm}$
Phantom	Validation plane
Device Position	Body-Back with all accessories
Band	5300MHz
Channels	CH52
Signal	Crest factor: 1.0

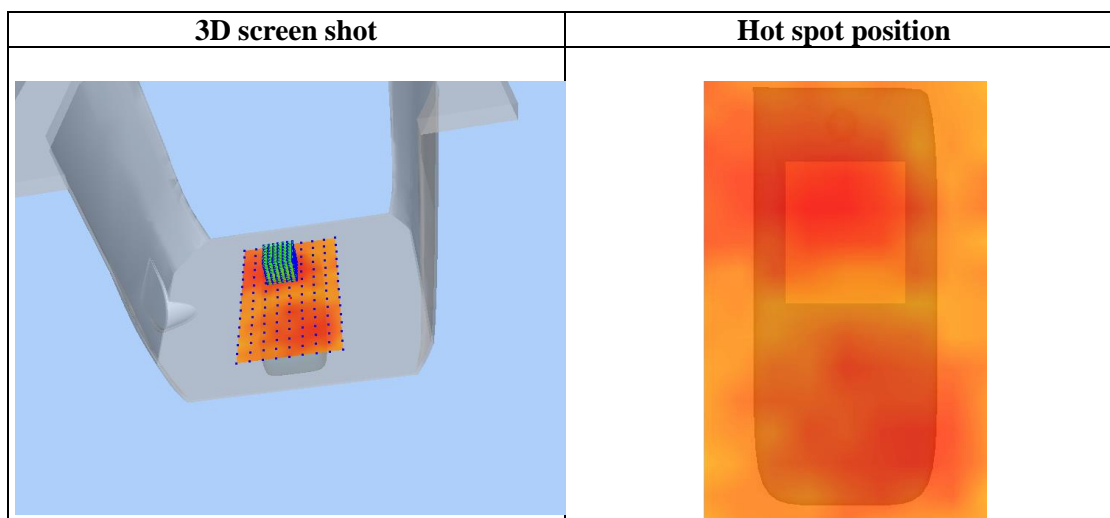
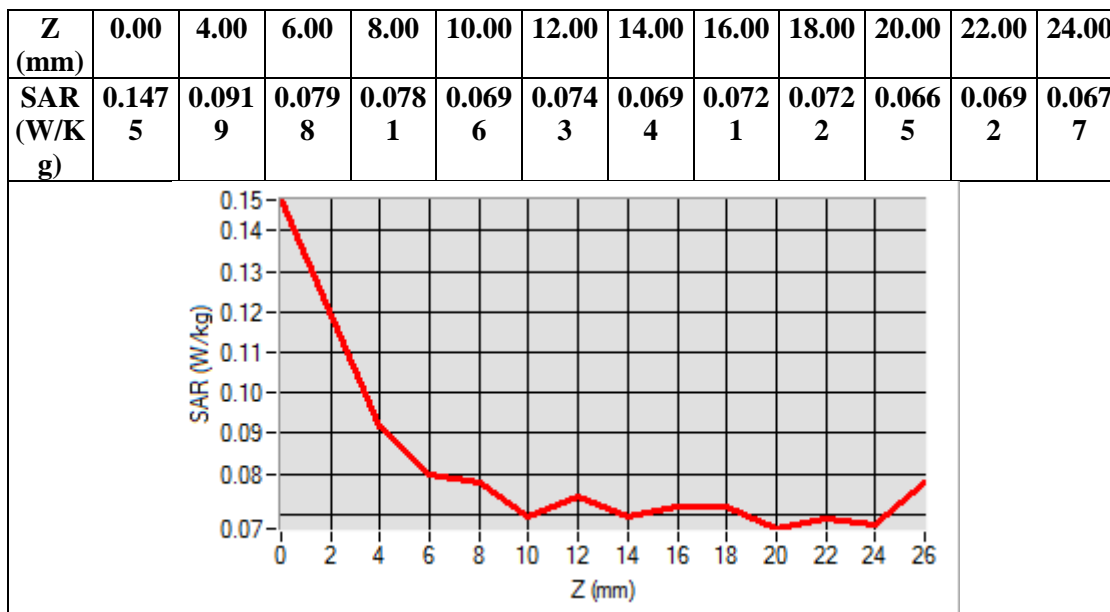


Maximum location: X=-6.00, Y=29.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.079022
SAR 1g (W/Kg)	0.092022

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5.8GHz 802.11n HT40
Test Laboratory: AGC Lab
802.11n HT40 CH151-Face Up 2.5cm
DUT: 4G LTE IP Radio; Type: IP-66

Date: Mar. 20, 2024

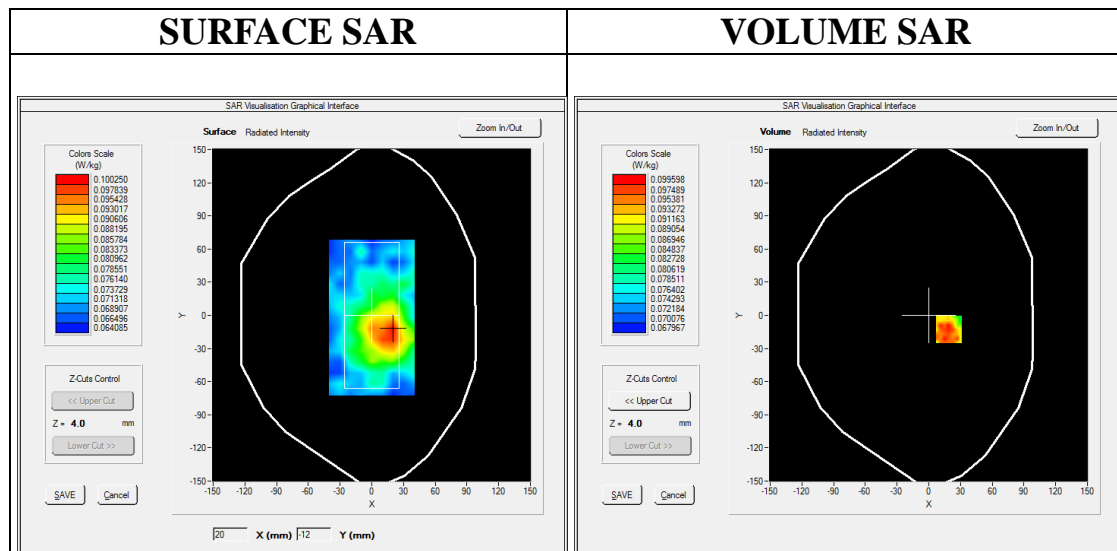
Communication System: Wi-Fi; Communication System Band: 802.11n HT40; Duty Cycle: 95%; Conv.F=1.41;
Frequency: 5755MHz; Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.16 \text{ mho/m}$; $\epsilon_r = 35.61$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ 802.11n HT40 CH151- Face Up 2.5cm /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ 802.11n HT40 CH151- Face Up 2.5cm /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	Face Up 2.5cm
Band	5800MHz
Channels	CH151
Signal	Crest factor: 1.0

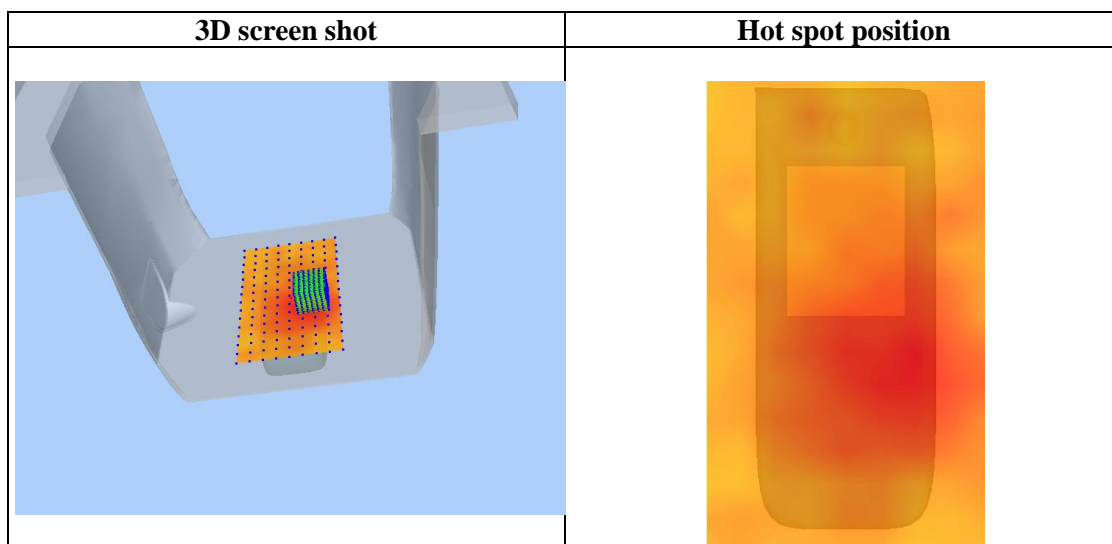
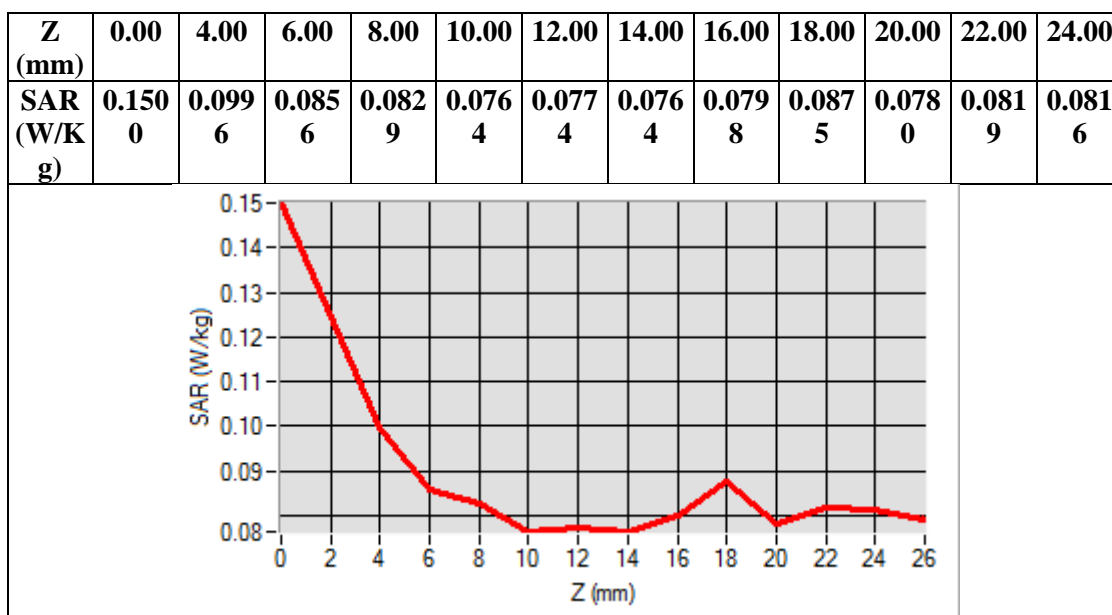


Maximum location: X=19.00, Y=-13.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.087060
SAR 1g (W/Kg)	0.100060

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Test Laboratory: AGC Lab
802.11n HT40 CH151-Body-Back with all accessories
DUT: 4G LTE IP Radio; **Type:** IP-66

Date: Mar. 20, 2024

Communication System: Wi-Fi; Communication System Band: 802.11n HT40; Duty Cycle: 95%; Conv.F=1.41;
Frequency: 5755MHz; Medium parameters used: $f = 5800$ MHz; $\sigma = 5.16$ mho/m; $\epsilon_r = 35.61$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.5

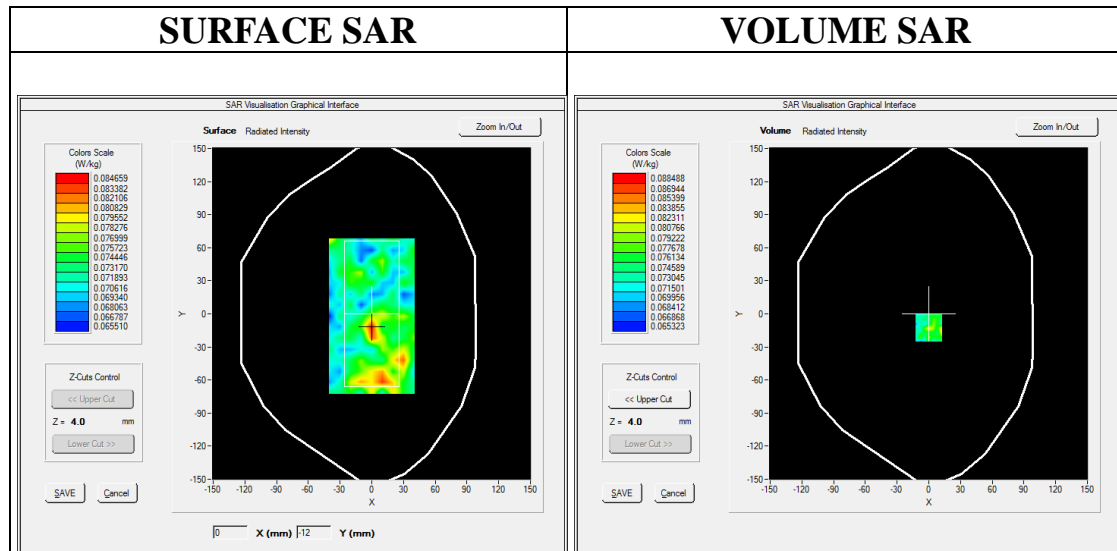
SATIMO Configuration:

- Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ 802.11n HT40 CH151- Body-Back with all accessories /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ 802.11n HT40 CH151- Body-Back with all accessories /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	Body-Back with all accessories
Band	5800MHz
Channels	CH151
Signal	Crest factor: 1.0

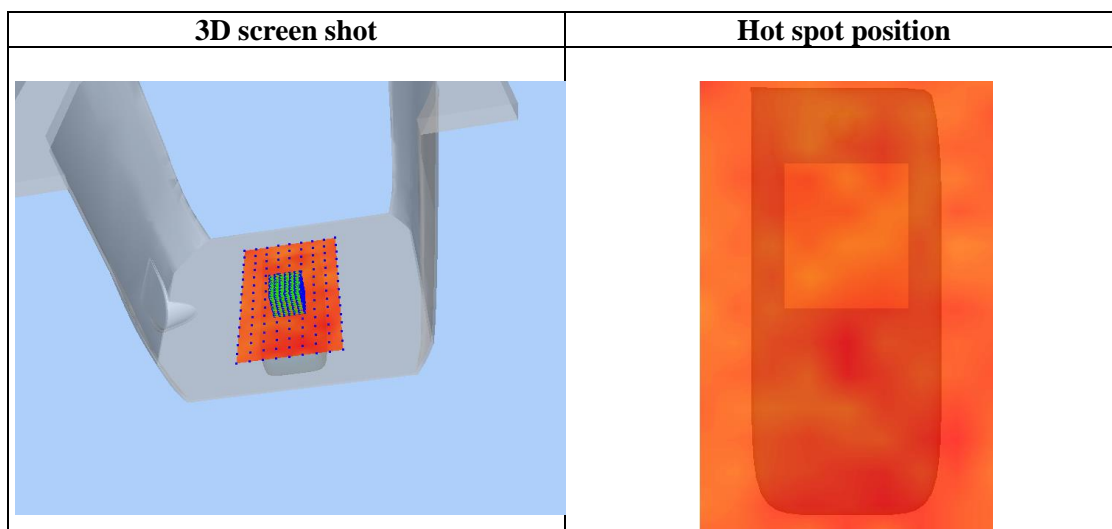
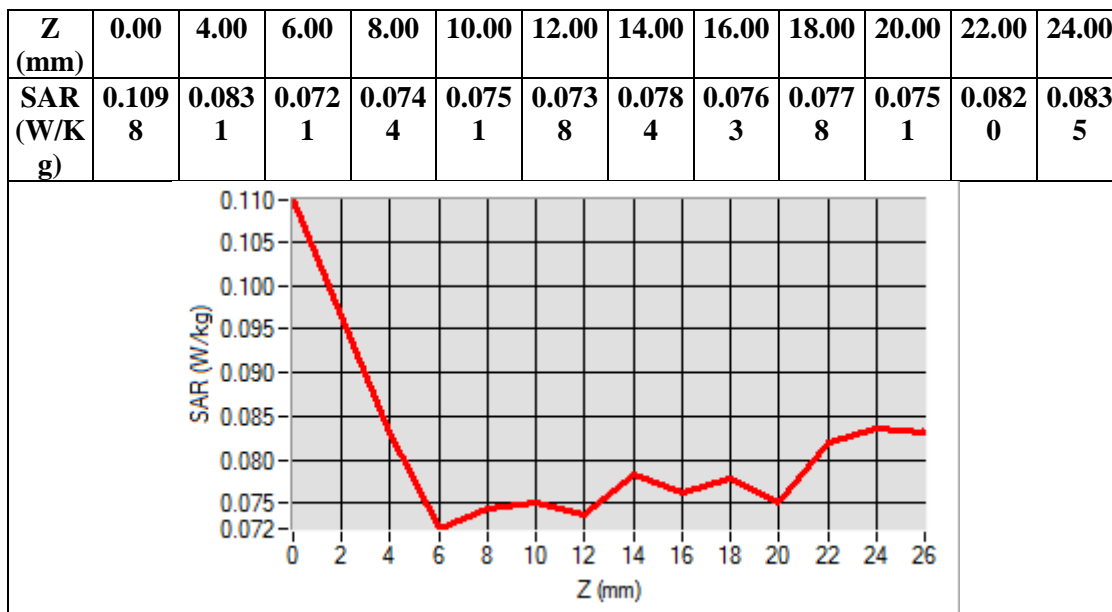


Maximum location: X=0.00, Y=-13.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.075797
SAR 1g (W/Kg)	0.078027

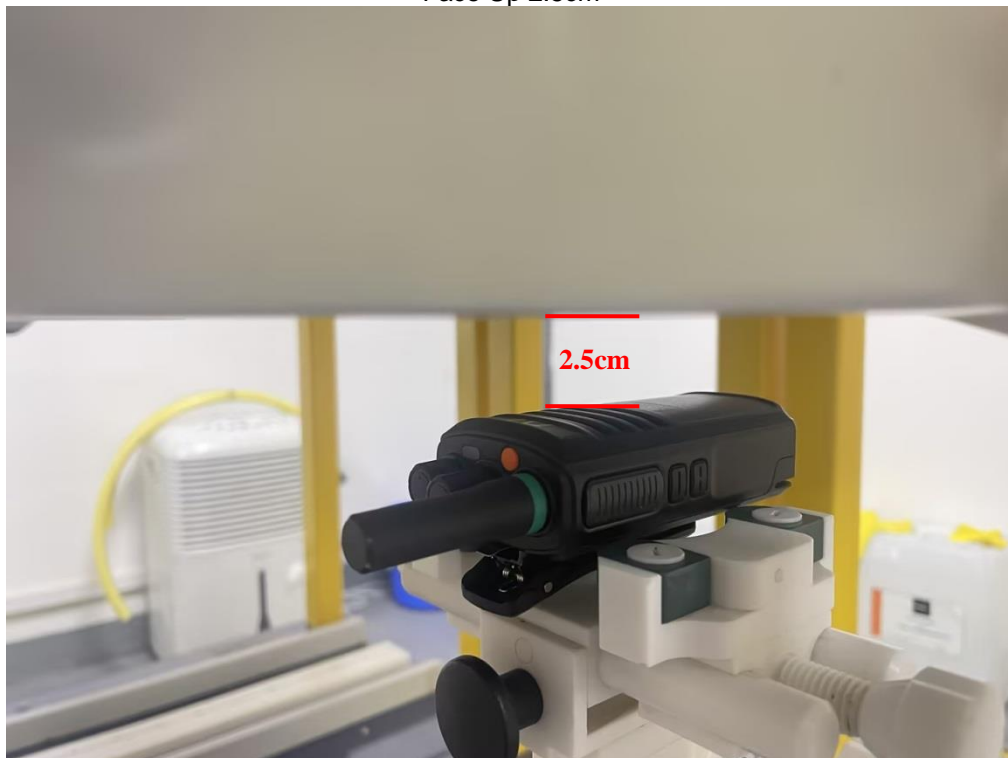
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APPENDIX C. TEST SETUP PHOTOGRAPHS

Face Up 2.5cm



Body-Back with all accessories 2.5cm



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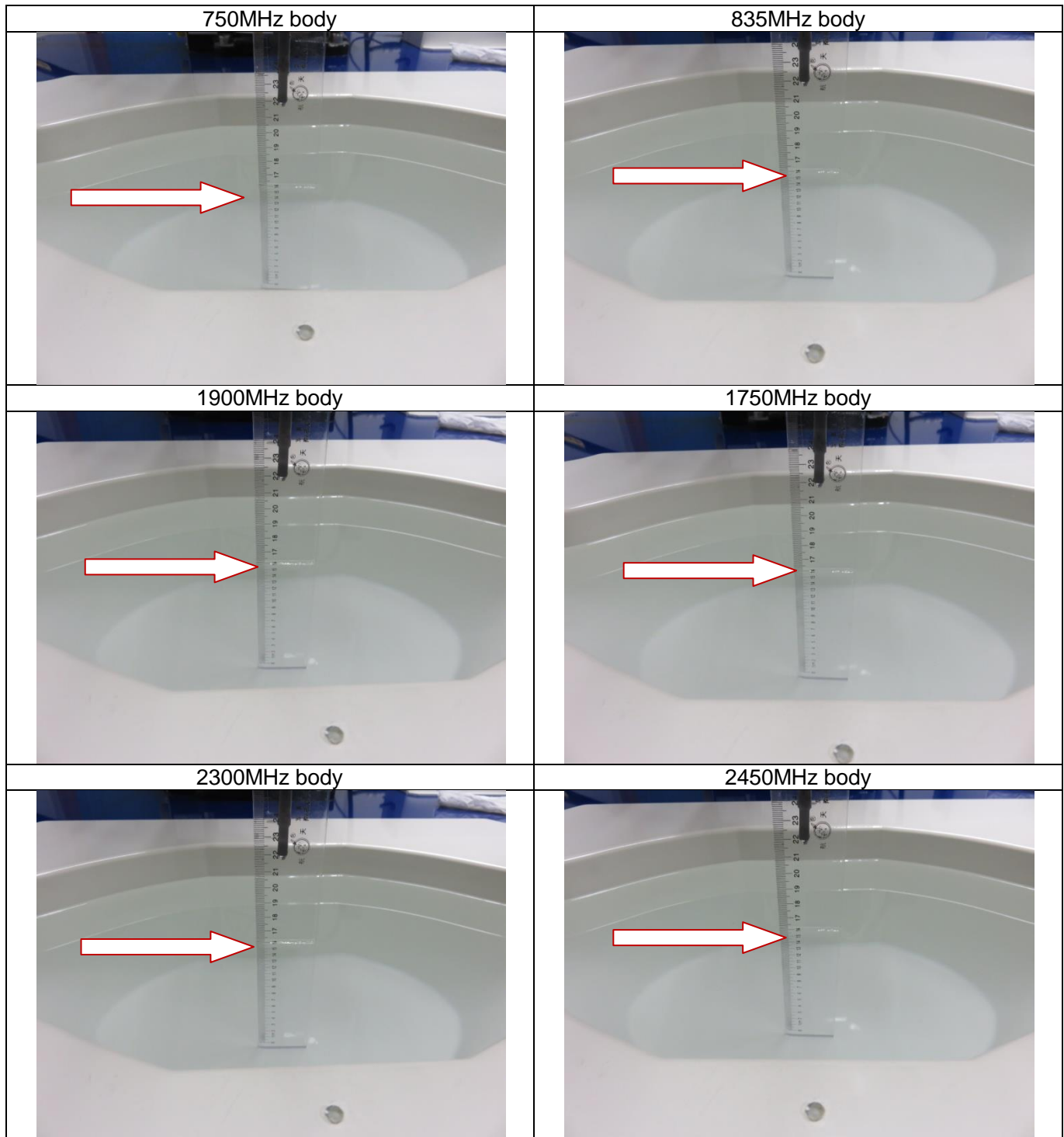
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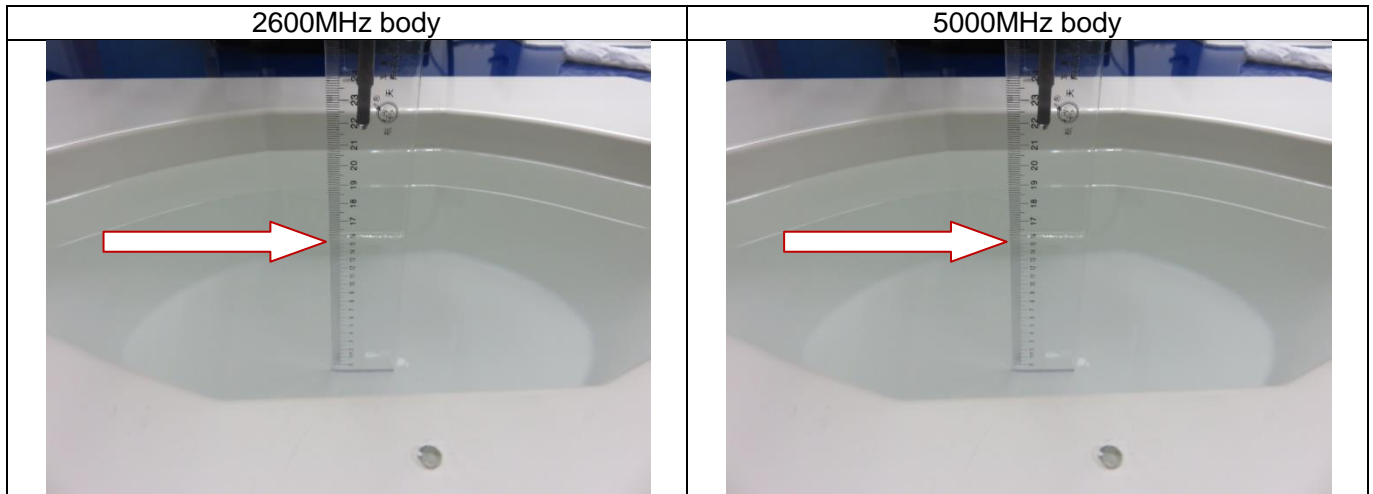
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DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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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