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Test Laboratory: AGC Lab Date: Jul. 22, 2024

WCDMA Band V Mid-Touch- Right (RMC)

DUT: Mobile phone; Type: S7

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=1.89;

Frequency: 836.4 MHz; Medium parameters used: f = 835MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 21.1, Liquid temperature ( $^{\circ}$ ): 20.9

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

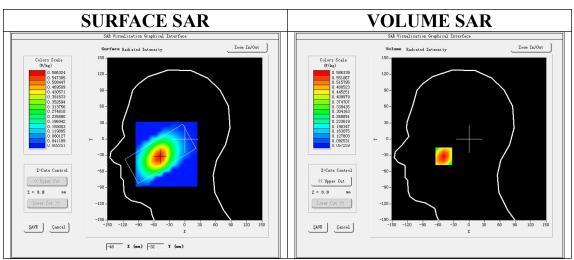
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

Configuration/ WCDMA Band V Mid-Touch- Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ WCDMA Band V Mid-Touch- Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



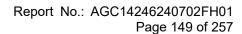
**Maximum location: X=-49.00, Y=-32.00** 

SAR Peak: 0.75 W/kg

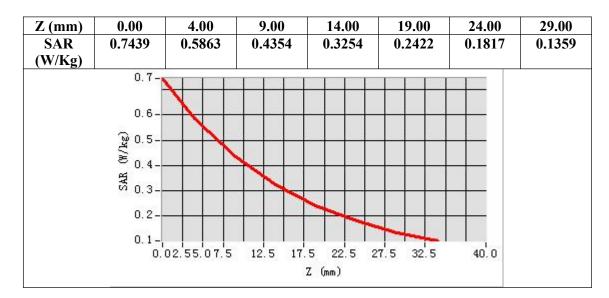
SAR 10g (W/Kg)	0.388428
SAR 1g (W/Kg)	0.562744

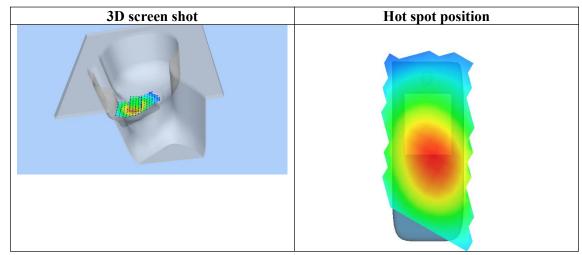
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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/











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Test Laboratory: AGC Lab Date: Jul. 22, 2024

WCDMA Band V Mid-Body-Towards Grounds (RMC)

DUT: Mobile phone; Type: S7

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=1.89; Frequency: 836.4 MHz; Medium parameters used: f = 835MHz;  $\sigma = 0.90$  mho/m;  $\epsilon = 41.86$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.1, Liquid temperature ( $^{\circ}$ ): 20.9

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

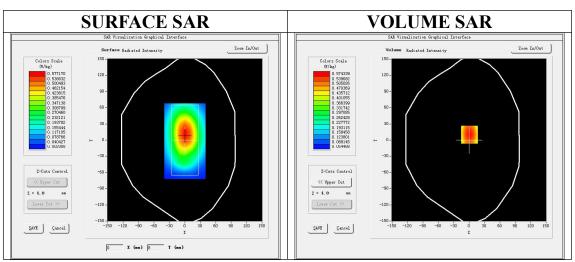
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

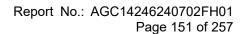
Configuration/ WCDMA Band V Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ WCDMA Band V Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

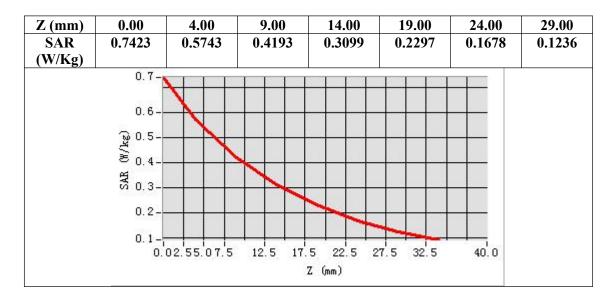


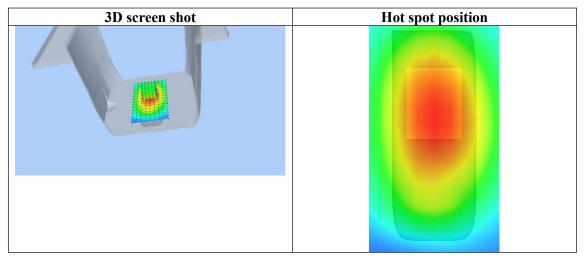
Maximum location: X=1.00, Y=10.00 SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.387620
SAR 1g (W/Kg)	0.555075











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Test Laboratory: AGC Lab Date: Jul. 21, 2024

LTE Band 2 Mid-Touch-Right (1 RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.08; Frequency:1880MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.35$  mho/m;  $\epsilon r = 40.31$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.3, Liquid temperature ( $^{\circ}$ C): 21.0

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

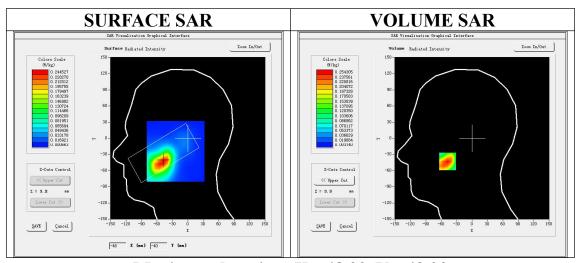
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

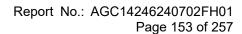
Configuration/ LTE Band 2 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 2 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

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

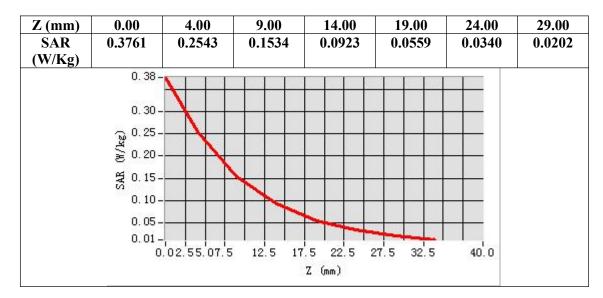


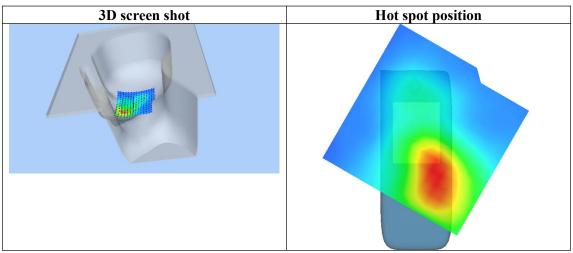
Maximum location: X=-48.00, Y=-43.00 SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.130993
SAR 1g (W/Kg)	0.238495











Date: Jul. 21, 2024

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Test Laboratory: AGC Lab LTE Band 2 Mid-Body-Back (1 RB#0)

DUT: Mobile phone; Type: \$7

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.08; Frequency:1880MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.35 \text{ mho/m}$ ;  $\epsilon = 40.31$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.3, Liquid temperature ( $^{\circ}$ C): 21.0

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

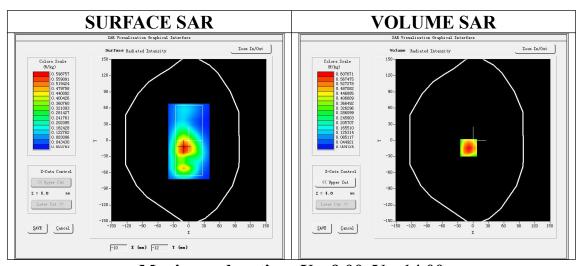
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

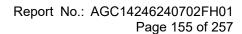
Configuration/ LTE Band 2 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 2 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

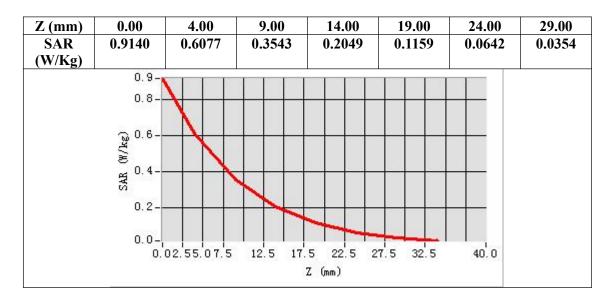


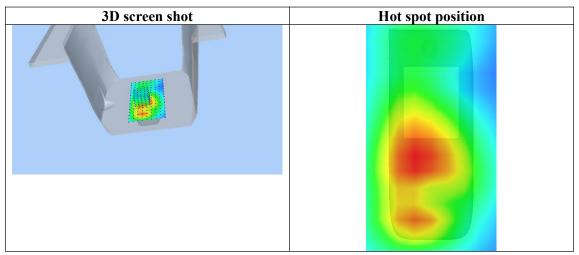
Maximum location: X=-9.00, Y=-14.00 SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)	0.326771
SAR 1g (W/Kg)	0.585966











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Test Laboratory: AGC Lab Date: Jul. 20, 2024

LTE Band 4 Mid-Touch-Right (1 RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.28; Frequency:1732.5 MHz; Medium parameters used: f = 1750 MHz;  $\sigma = 1.31$  mho/m;  $\epsilon = 41.23$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 20.8, Liquid temperature ( $^{\circ}$ ): 20.5

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

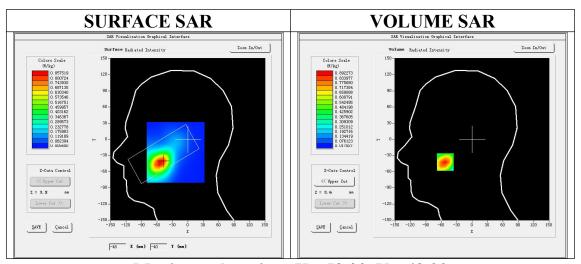
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

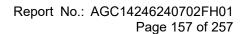
Configuration/ LTE Band 4 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 4 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

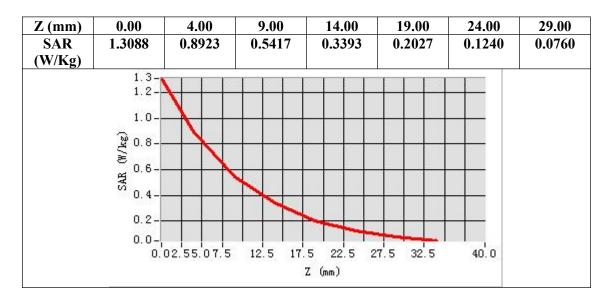


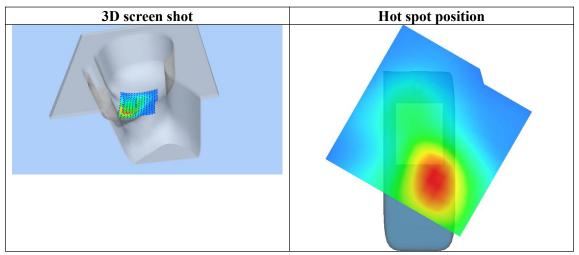
Maximum location: X=-52.00, Y=-42.00 SAR Peak: 1.31 W/kg

<b>SAR 10g (W/Kg)</b>	0.478573
SAR 1g (W/Kg)	0.844975











Date: Jul. 20, 2024

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Test Laboratory: AGC Lab LTE Band 4 Low-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

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;  $\epsilon = 41.76$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 20.8, Liquid temperature ( $^{\circ}$ ): 20.5

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

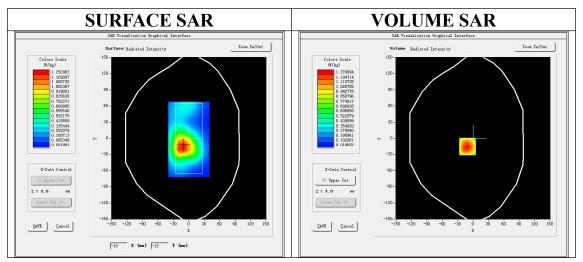
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

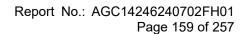
Configuration/ LTE Band 4 Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 4 Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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
Band	LTE Band 4
Channels	Low
Signal	OFDM (Crest factor: 1.0)

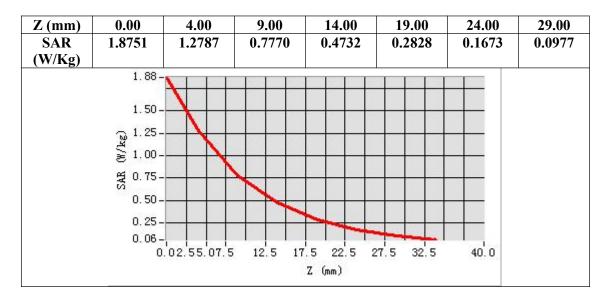


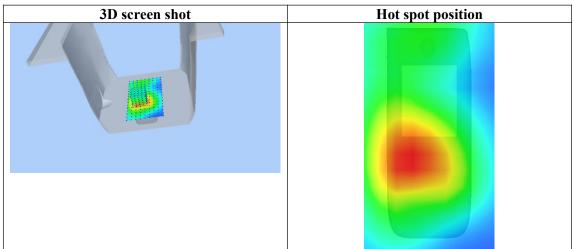
Maximum location: X=-11.00, Y=-15.00 SAR Peak: 1.95 W/kg

<b>SAR 10g (W/Kg)</b>	0.708834
SAR 1g (W/Kg)	1.239840











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Test Laboratory: AGC Lab Date: Jul. 22, 2024

LTE Band 5 Mid-Touch-Right (1 RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=1.89 Frequency: 836.5 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon = 41.86$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 21.1, Liquid temperature ( $^{\circ}$ ): 20.9

**SATIMO Configuration:** 

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

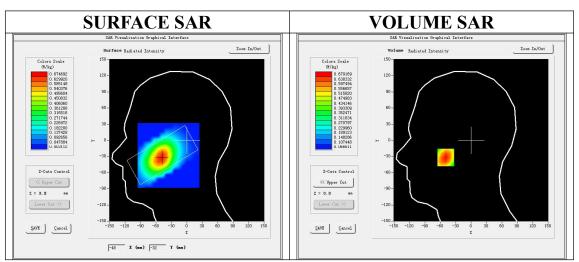
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

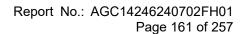
Configuration/ LTE Band 5 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 5 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

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

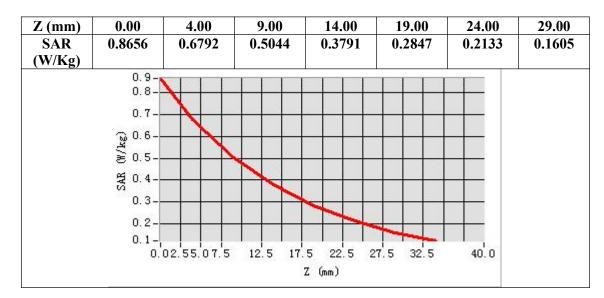


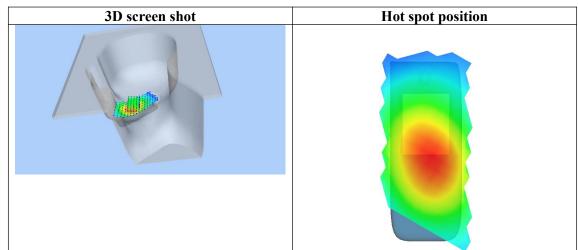
Maximum location: X=-49.00, Y=-32.00 SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.451281
SAR 1g (W/Kg)	0.651697











Date: Jul. 22, 2024

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Test Laboratory: AGC Lab LTE Band 5 Mid-Body-Back (1 RB#0)

DUT: Mobile phone; Type: \$7

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=1.89 Frequency:836.5 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.90$ mho/m;  $\epsilon r = 41.86$ ;  $\rho = 1000$  kg/m³;

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

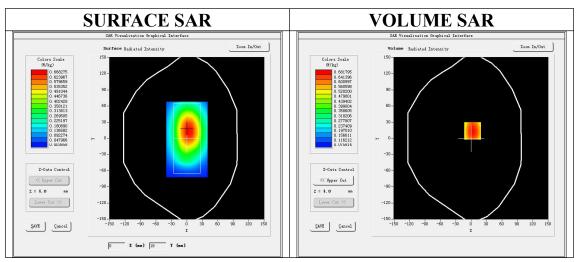
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

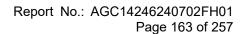
Configuration/ LTE Band 5 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 5 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

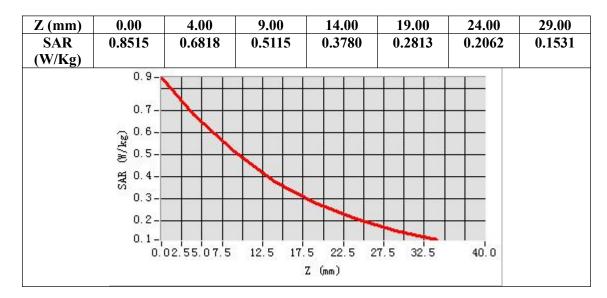


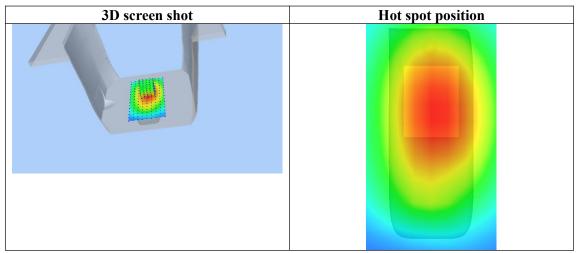
Maximum location: X=3.00, Y=14.00 SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)	0.466646
SAR 1g (W/Kg)	0.657241











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

LTE Band 7 Low-Touch-Right (1RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=2.06 Frequency: 2510MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.78 mho/m$ ;  $\epsilon = 41.69$ ;  $\rho = 1000 kg/m^3$ ;

Phantom section: Right Section

Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.9

#### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

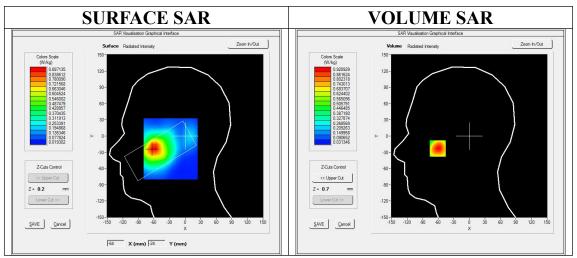
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

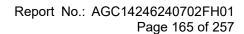
Configuration/ LTE BAND 7 Low-Touch-Right/Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 7 Low-Touch-Right/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE BAND 7
Channels	Low
Signal	OFDM (Crest factor: 1.0)

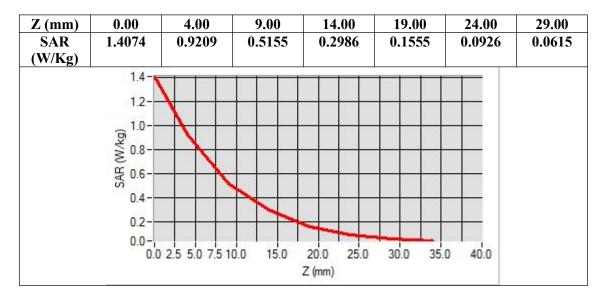


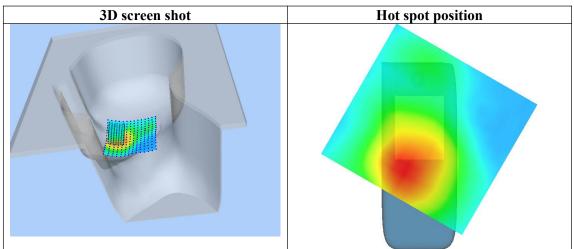
Maximum location: X=-61.00, Y=-23.00 SAR Peak: 1.41 W/kg

SAR 10g (W/Kg)	0.489136
SAR 1g (W/Kg)	0.865616











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

LTE Band 7 Mid-Touch-Right (1RB#0) DUT: Mobile phone; Type: S7

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;  $\sigma = 1.80 \text{ mho/m}$ ;  $\epsilon = 40.72$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 20.1, Liquid temperature ( $^{\circ}$ ): 19.9

#### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

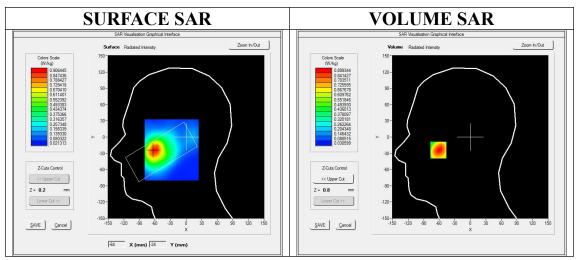
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

Configuration/ LTE BAND 7 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 7 Mid-Touch-Right/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	Right head
Device Position	Cheek
Band	LTE BAND 7
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

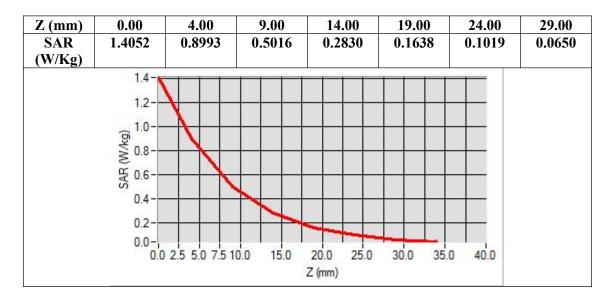


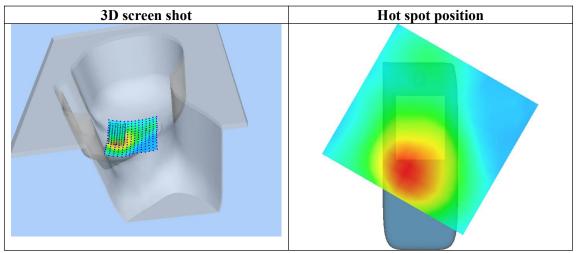
Maximum location: X=-62.00, Y=-24.00 SAR Peak: 1.40 W/kg

SAR 10g (W/Kg)	0.483604
SAR 1g (W/Kg)	0.857663











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

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

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;  $\sigma = 1.80 \text{ mho/m}$ ;  $\epsilon = 40.72$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 20.1, Liquid temperature ( $^{\circ}$ ): 19.9

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

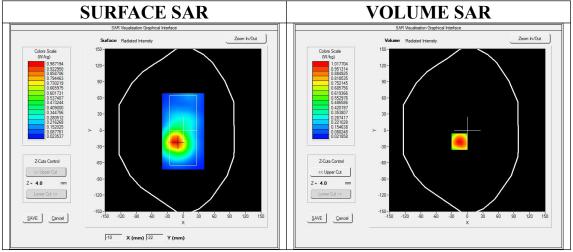
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

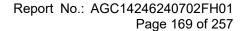
Configuration/ LTE BAND 7 Mid-Body-Front /Area Scan: Measurement grid: dx=10mm, y=10mm Configuration/ LTE BAND 7 Mid-Body-Front /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Front
Band	LTE BAND 7
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

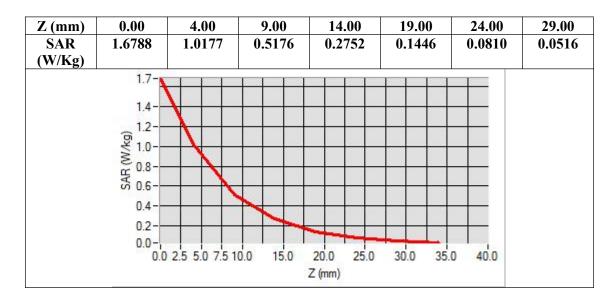


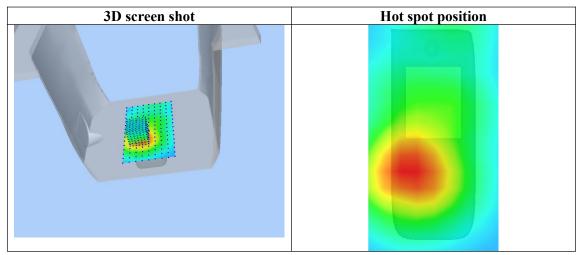
Maximum location: X=-15.00, Y=-21.00 SAR Peak: 1.67 W/kg

SAR 10g (W/Kg)	0.524995
SAR 1g (W/Kg)	0.974433











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Test Laboratory: AGC Lab

LTE Band 12 Mid-Touch-Right (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=2.04 Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.85$  mho/m;  $\epsilon = 44.13$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.8

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

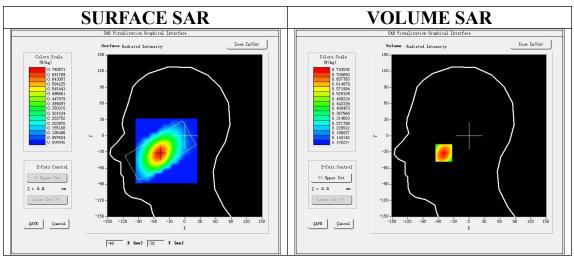
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

Configuration/ LTE Band 12 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 12 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 12
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



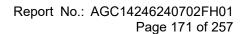
**Maximum location: X=-49.00, Y=-32.00** 

SAR Peak: 0.93 W/kg

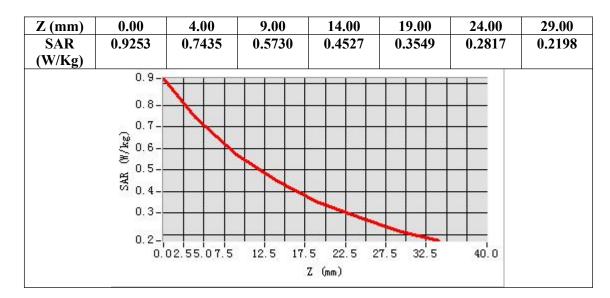
SAR 10g (W/Kg)	0.526994
SAR 1g (W/Kg)	0.731709

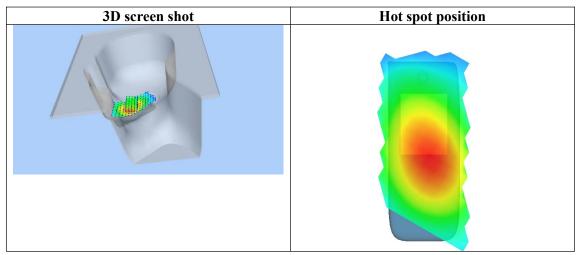
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Test Laboratory: AGC Lab LTE Band 12 Mid-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=2.04; Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.85$  mho/m;  $\epsilon = 44.13$ ;  $\rho = 1000$  kg/m³;

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

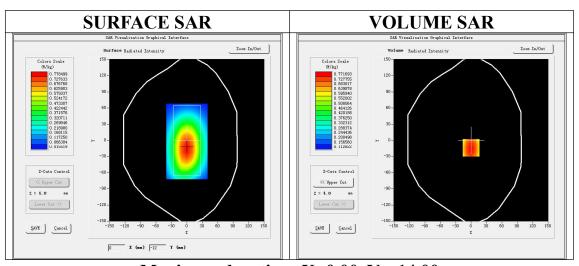
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

Configuration/ LTE Band 12 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 12 Mid-Body-Back/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
Band	LTE Band 12
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

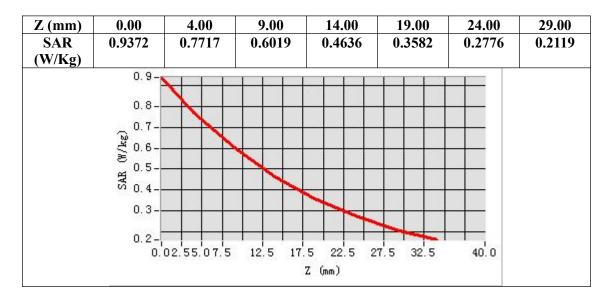


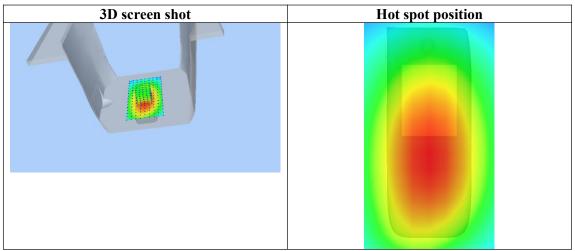
Maximum location: X=0.00, Y=-14.00 SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)	0.560370
SAR 1g (W/Kg)	0.761465











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Test Laboratory: AGC Lab LTE Band 12 High-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

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;  $\epsilon = 42.91$ ;  $\rho = 1000$  kg/m³;

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

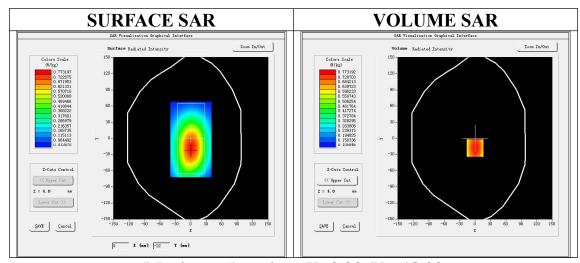
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

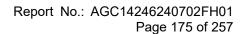
Configuration/ LTE Band 12 High-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 12 High-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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
Band	LTE Band 12
Channels	High
Signal	OFDM (Crest factor: 1.0)

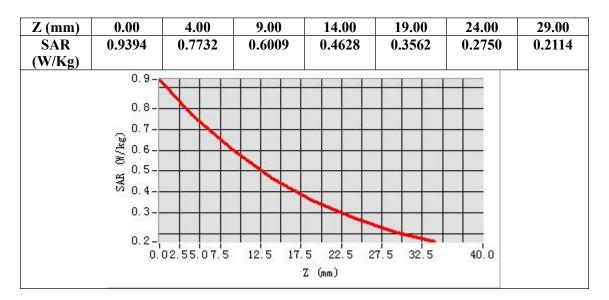


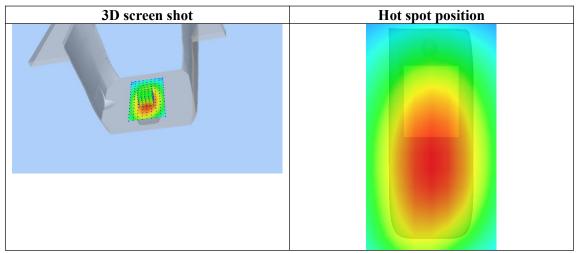
Maximum location: X=0.00, Y=-18.00 SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.558948
SAR 1g (W/Kg)	0.761730











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Test Laboratory: AGC Lab

LTE Band 13 Mid-Touch-Right (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=2.04 Frequency: 782 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.93$  mho/m;  $\epsilon = 41.09$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.8

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

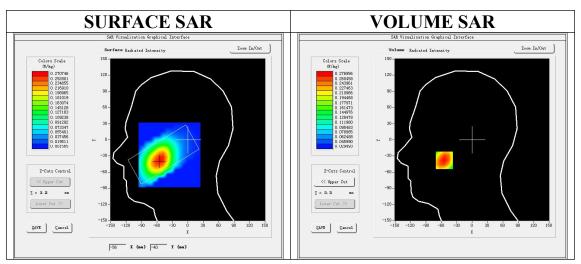
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

Configuration/ LTE Band 13 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 13 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

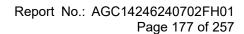


Maximum location: X=-54.00, Y=-38.00 SAR Peak: 0.35 W/kg

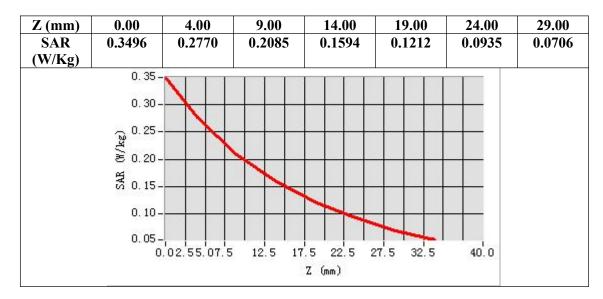
SAR 10g (W/Kg)	0.187906
SAR 1g (W/Kg)	0.266664

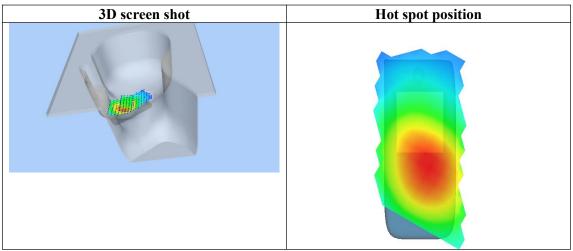
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Test Laboratory: AGC Lab LTE Band 13 Mid-Edge 2(Right) (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=2.04; Frequency: 782 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.93$  mho/m;  $\epsilon = 41.09$ ;  $\rho = 1000$  kg/m³;

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

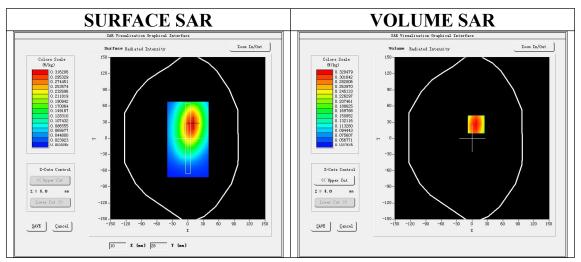
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

Configuration/ LTE Band 13 Mid-Edge 2(Right)/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 13 Mid-Edge 2(Right)/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	Edge 2(Right)
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

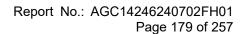


Maximum location: X=8.00, Y=26.00 SAR Peak: 0.42 W/kg

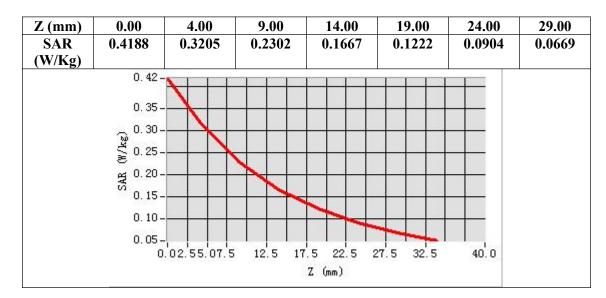
<b>SAR 10g (W/Kg)</b>	0.212806
SAR 1g (W/Kg)	0.309584

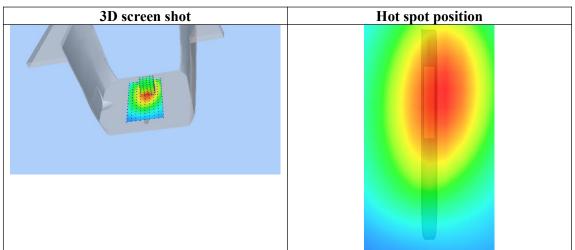
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Test Laboratory: AGC Lab Date: Jul. 23, 2024

LTE Band 17 Mid-Touch-Right (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=2.04 Frequency: 710 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.88$  mho/m;  $\epsilon = 43.12$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 20.9, Liquid temperature ( $^{\circ}$ ): 20.8

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

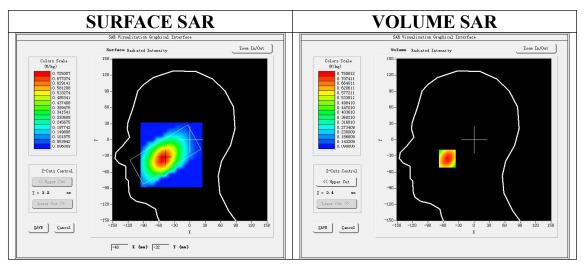
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

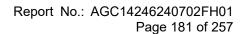
Configuration/ LTE Band 17 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 17 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 17
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

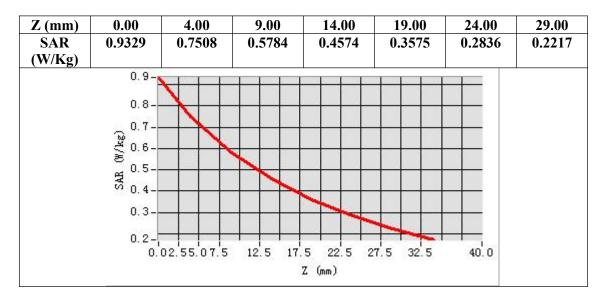


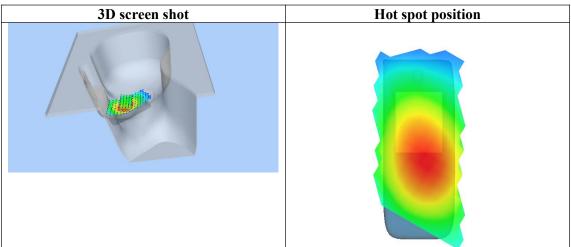
Maximum location: X=-52.00, Y=-35.00 SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.531720
SAR 1g (W/Kg)	0.736515











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Test Laboratory: AGC Lab LTE Band 17 Mid-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=2.04; Frequency: 710 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.88$  mho/m;  $\epsilon = 43.12$ ;  $\rho = 1000$  kg/m³;

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

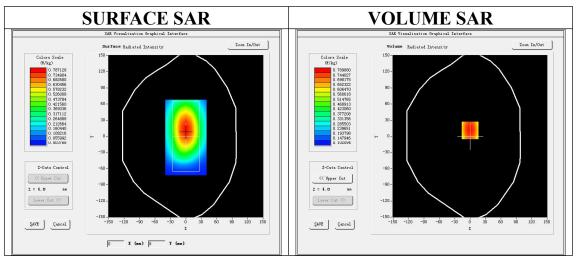
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4\_02\_32

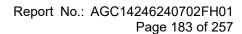
Configuration/ LTE Band 17 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 17 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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
Band	LTE Band 17
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

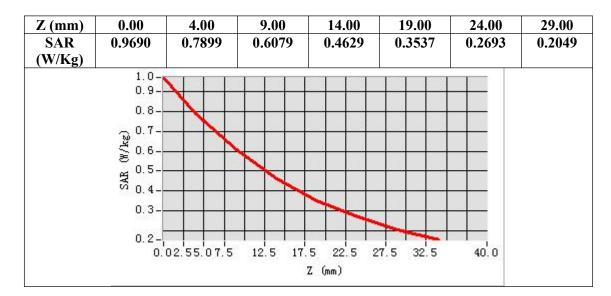


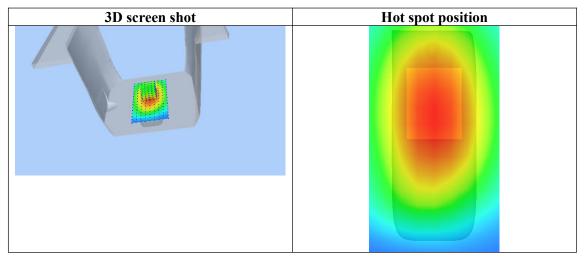
Maximum location: X=0.00, Y=11.00 SAR Peak: 0.97 W/kg

<b>SAR 10g (W/Kg)</b>	0.566509
SAR 1g (W/Kg)	0.777272











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Test Laboratory: AGC Lab LTE Band 17 High-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

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;  $\epsilon = 42.91$ ;  $\rho = 1000$  kg/m³;

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

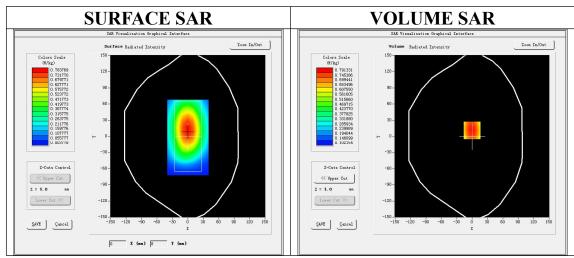
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· 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=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
Band	LTE Band 17
Channels	High
Signal	OFDM (Crest factor: 1.0)

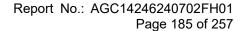


Maximum location: X=0.00, Y=11.00 SAR Peak: 0.97 W/kg

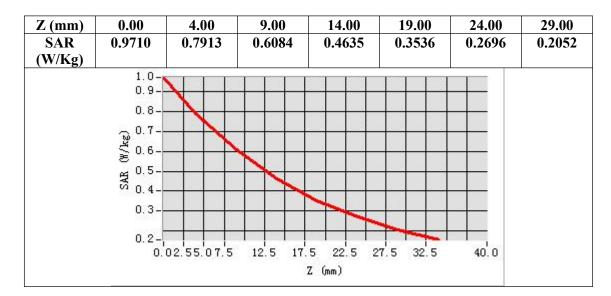
SAR 10g (W/Kg)	0.566757
SAR 1g (W/Kg)	0.778260

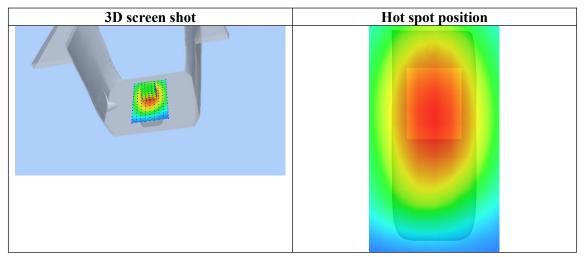
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Test Laboratory: AGC Lab Date: Jul. 25, 2024

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

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;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon = 39.81$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

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

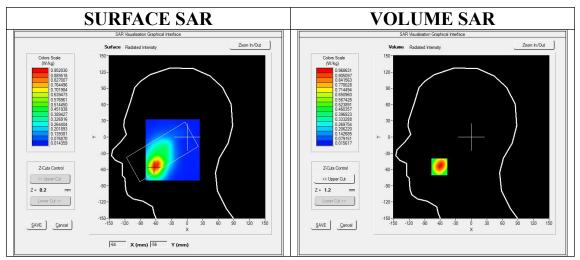
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

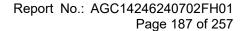
Configuration/ LTE BAND 38 Low-Touch- Left/Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 38 Low-Touch- Left/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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	LTE BAND 38
Channels	Low
Signal	Crest factor: 158

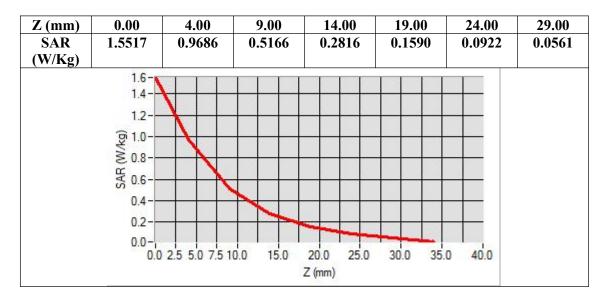


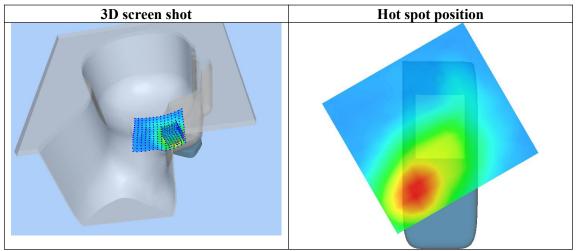
Maximum location: X=-62.00, Y=-55.00 SAR Peak: 1.55 W/kg

SAR 10g (W/Kg)	0.481689
SAR 1g (W/Kg)	0.917801











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

LTE Band 38 Mid-Touch-Left(1RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.06 Frequency: 2595MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.90 \text{ mho/m}$ ;  $\epsilon = 39.42$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ ): 20.1, Liquid temperature ( $^{\circ}$ ): 19.9

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

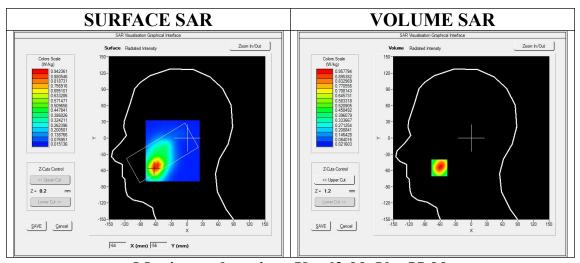
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

Configuration/ LTE BAND 38 Mid-Touch- Left/Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 38 Mid-Touch- Left/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE BAND 38
Channels	Middle
Signal	Crest factor: 158

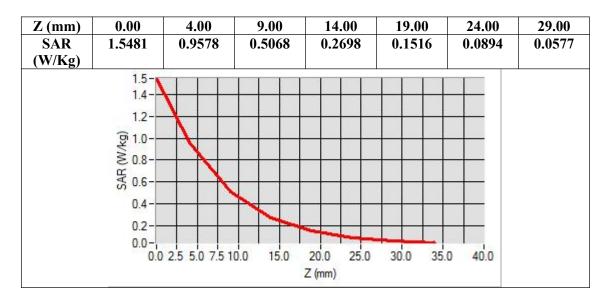


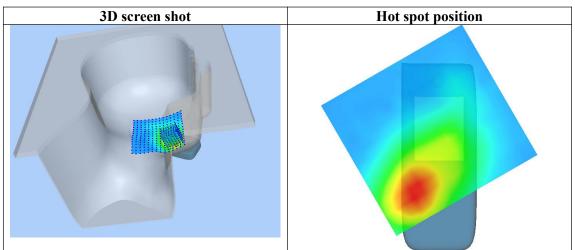
Maximum location: X=-62.00, Y=-55.00 SAR Peak: 1.55 W/kg

SAR 10g (W/Kg)	0.475592
SAR 1g (W/Kg)	0.908591











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

LTE Band 38 Mid-Body-Front (1RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=2.06 Frequency: 2595MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.90 \text{ mho/m}$ ;  $\epsilon = 39.42$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

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

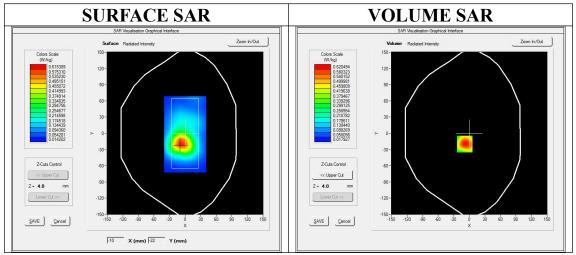
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4\_02\_32

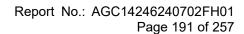
Configuration/ LTE BAND 38 Mid-Body-Front /Area Scan: Measurement grid: dx=10mm, y=10mm Configuration/ LTE BAND 38 Mid-Body-Front /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

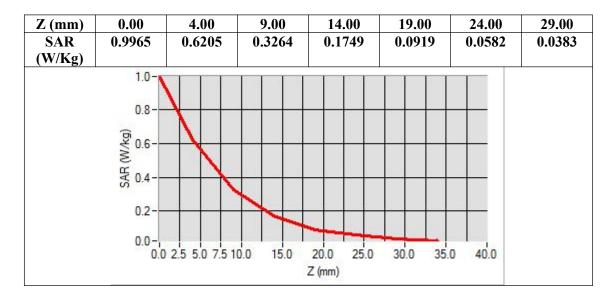


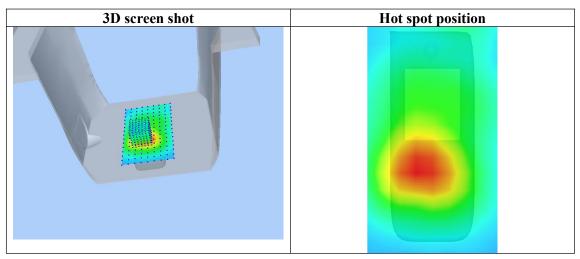
Maximum location: X=-9.00, Y=-20.00 SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.321950
SAR 1g (W/Kg)	0.594795











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Test Laboratory: AGC Lab Date: Aug. 16, 2024

LTE Band 40- Lower Side Mid-Touch- Left(1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 40- Lower Side; Duty Cycle:1:1.58;

Conv.F=2.20;

Frequency: 2310 MHz; Medium parameters used: f = 2300 MHz;  $\sigma = 1.71$  mho/m;  $\epsilon r = 37.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: LeftSection

Ambient temperature (°C): 19.8, Liquid temperature (°C): 19.5

### **SATIMO Configuration:**

• Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

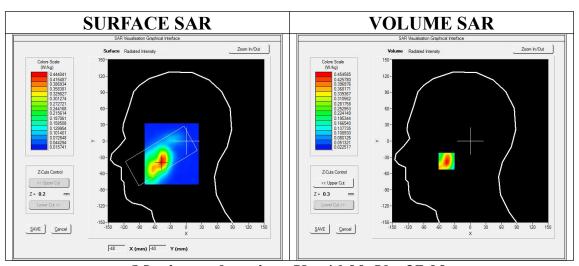
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4\_02\_32

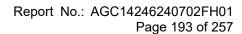
Configuration/ LTE Band 40- Lower Side Mid- Touch- Left/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 40- Lower Side Mid- Touch- Left/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

····,	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58

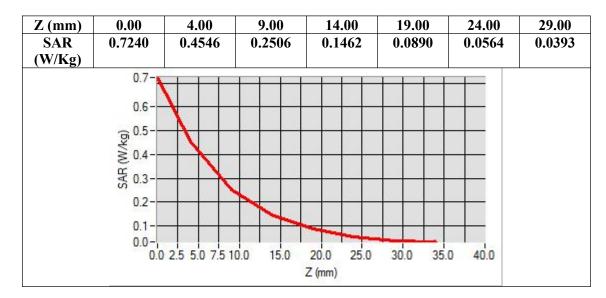


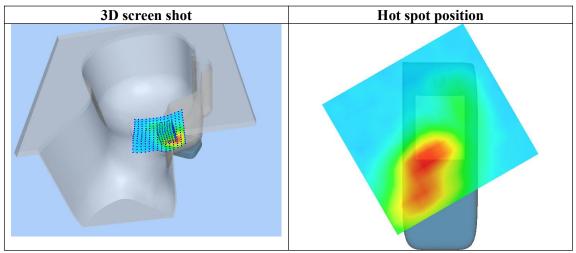
Maximum location: X=-46.00, Y=-37.00 SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.221677
SAR 1g (W/Kg)	0.425149











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Test Laboratory: AGC Lab Date: Aug. 16, 2024

LTE Band 40- Lower Side Mid- Edge 3(Bottom) (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;

Conv.F=2.20

Frequency: 2310 MHz; Medium parameters used: f = 2300 MHz;  $\sigma = 1.71$  mho/m;  $\epsilon r = 37.42$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature (°C): 19.8, Liquid temperature (°C): 19.5

### **SATIMO Configuration:**

• Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

• Sensor-Surface: 4mm (Mechanical Surface Detection)

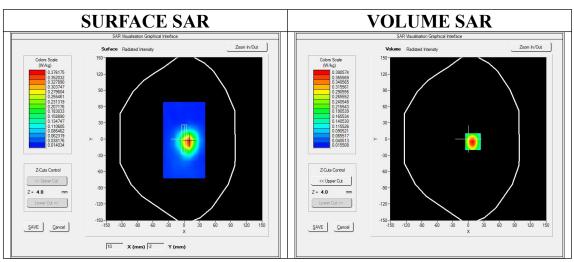
· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4\_02\_32

Configuration/ LTE Band 40- Lower Side Mid- Edge 3(Bottom)/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 40- Lower Side Mid- Edge 3(Bottom)/Zoom Scan: Measurement grid: dx=8mm,

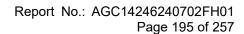
dy=8mm, dz=5mm;

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Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Edge 3(Bottom)
Band	LTE Band 40- Lower Side
Channels	Middle
Signal	Crest factor: 1.58

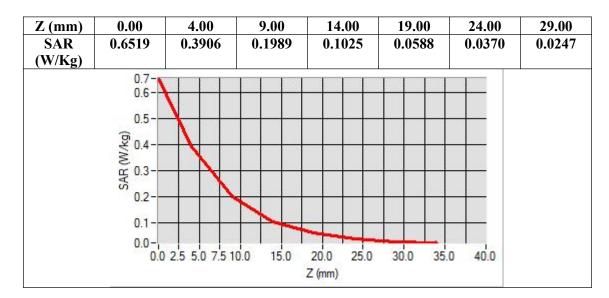


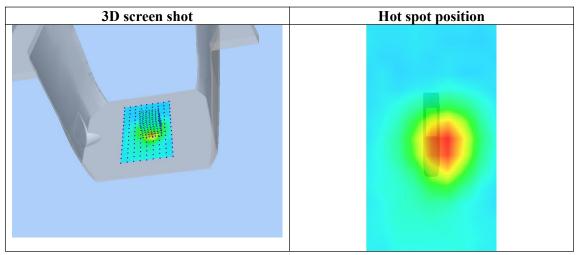
Maximum location: X=9.00, Y=-5.00 SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.179323
SAR 1g (W/Kg)	0.364235











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Test Laboratory: AGC Lab Date: Aug. 16, 2024

LTE Band 40-Upper Side Mid-Touch- Left(1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;

Conv.F=2.20;

Frequency: 2355 MHz; Medium parameters used: f = 2300 MHz;  $\sigma = 1.74$  mho/m;  $\epsilon r = 36.33$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: LeftSection

Ambient temperature (°C): 19.8, Liquid temperature (°C): 19.5

### **SATIMO Configuration:**

• Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

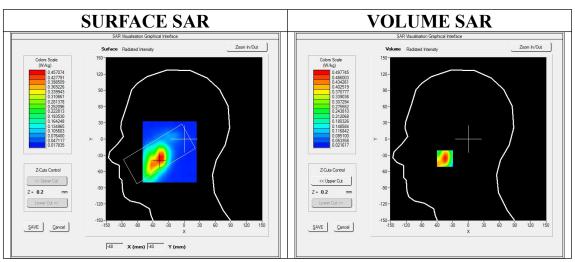
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4\_02\_32

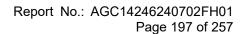
**Configuration/ LTE Band 40-Upper Side Mid- Touch- Left/Area Scan:** Measurement grid: dx=8mm, dy=8mm **Configuration/ LTE Band 40-Upper Side Mid- Touch- Left/Zoom Scan:** Measurement grid: dx=8mm, dy=8mm, dz=5mm;

····,	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58

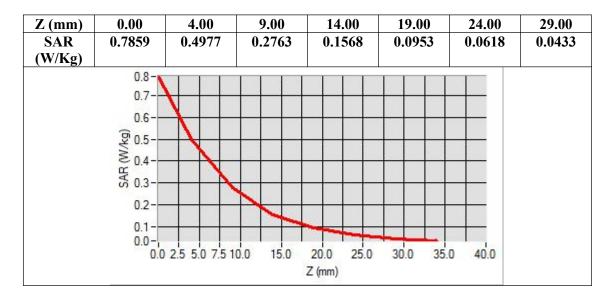


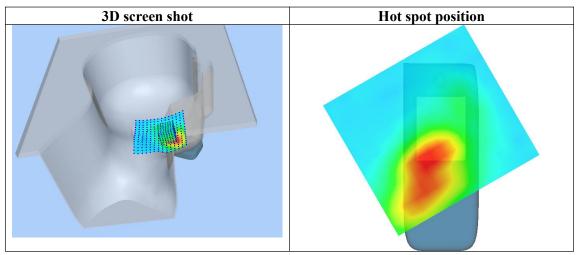
Maximum location: X=-45.00, Y=-36.00 SAR Peak: 0.79 W/kg

SAR 10g (W/Kg)	0.239325
SAR 1g (W/Kg)	0.458960











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Test Laboratory: AGC Lab Date: Aug. 16, 2024

LTE Band 40-Upper Side Mid-Body- Front (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 40-Upper Side; Duty Cycle:1:1.58;

Conv.F=2.20

Frequency: 2355 MHz; Medium parameters used: f = 2300 MHz;  $\sigma = 1.74$  mho/m;  $\epsilon r = 36.33$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature (°C): 19.8, Liquid temperature (°C): 19.5

### **SATIMO Configuration:**

• Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

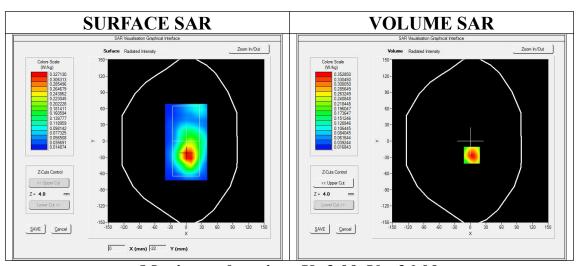
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4\_02\_32

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

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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 Front
Band	LTE Band 40-Upper Side
Channels	Middle
Signal	Crest factor: 1.58

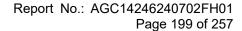


Maximum location: X=3.00, Y=-26.00 SAR Peak: 0.58 W/kg

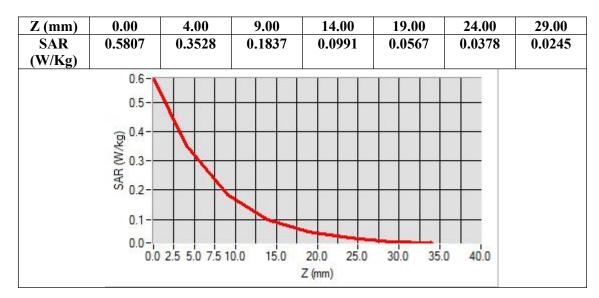
SAR 10g (W/Kg)	0.181224
SAR 1g (W/Kg)	0.335857

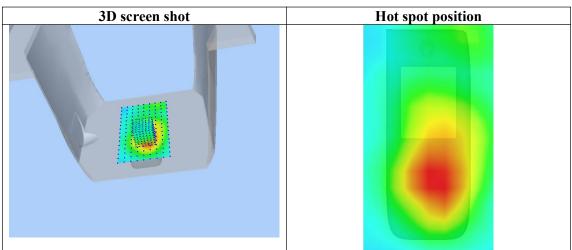
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the 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 15days 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.

Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

LTE Band 41 Mid-Touch-Left (1RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.06 Frequency: 2595MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.90 \text{ mho/m}$ ;  $\epsilon = 39.42$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

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

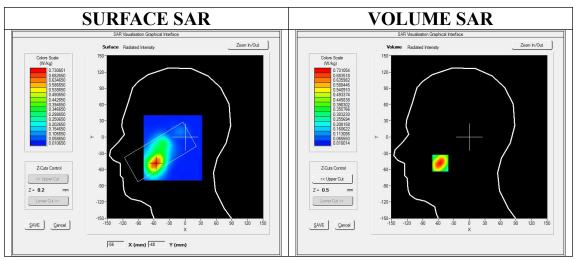
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

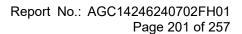
Configuration/ LTE BAND 41 Mid-Touch-Left/Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 41 Mid-Touch-Left/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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	LTE BAND 41
Channels	Middle
Signal	OFDM (Crest factor: 1.58)

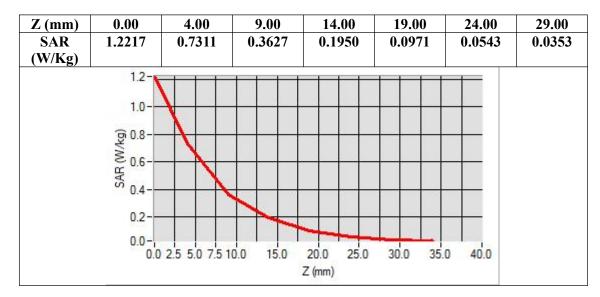


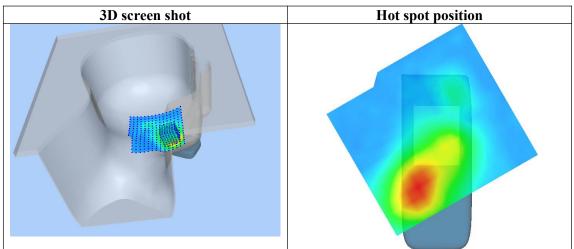
Maximum location: X=-56.00, Y=-48.00 SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.345075
SAR 1g (W/Kg)	0.683584











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Test Laboratory: AGC Lab Date: Jul. 25, 2024

LTE Band 41 Mid-Body-Front(1RB#0) DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.06 Frequency: 2595MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.90 \text{ mho/m}$ ;  $\epsilon r = 39.42$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

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

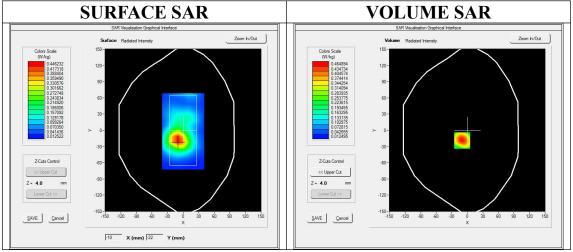
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

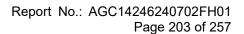
Configuration/ LTE BAND 41 Mid-Body-Front /Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 41 Mid-Body-Front /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

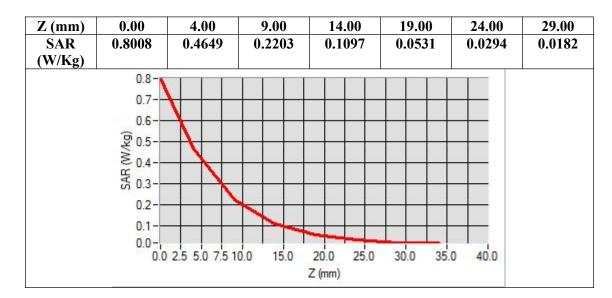


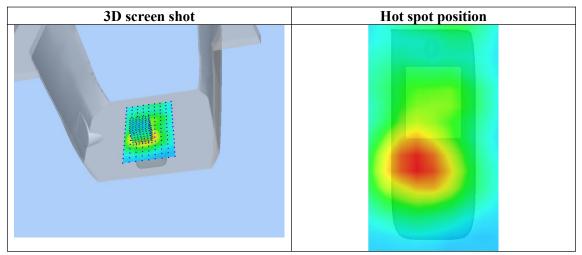
Maximum location: X=-10.00, Y=-19.00 SAR Peak: 0.79 W/kg

SAR 10g (W/Kg)	0.224133
SAR 1g (W/Kg)	0.443466











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Test Laboratory: AGC Lab Date: Jul. 20, 2024

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

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; σ=1.36 mho/m; εr =39.72; ρ= 1000 kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 20.8, Liquid temperature ( $^{\circ}$ ): 20.5

#### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

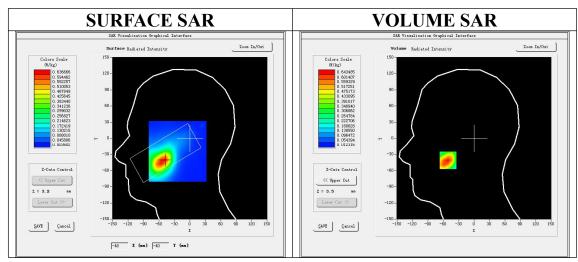
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

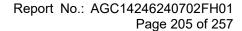
Configuration/ LTE Band 66 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 66 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

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

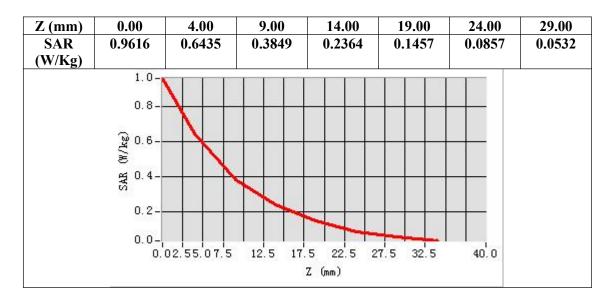


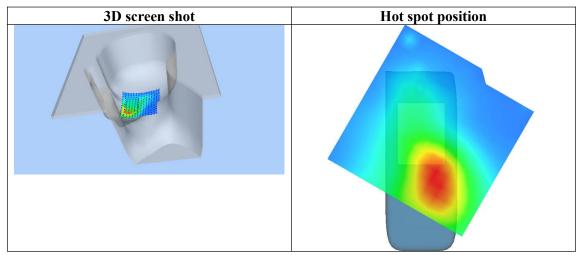
Maximum location: X=-51.00, Y=-41.00 SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.344522
SAR 1g (W/Kg)	0.612605











Date: Jul. 20, 2024

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Test Laboratory: AGC Lab LTE Band 66 Mid-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

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;  $\epsilon = 39.72$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 20.8, Liquid temperature ( $^{\circ}$ ): 20.5

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

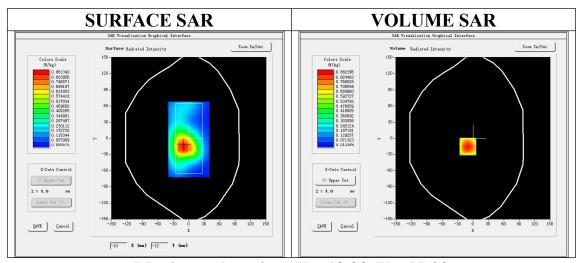
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

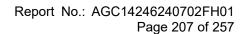
Configuration/ LTE Band 66 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 66 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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

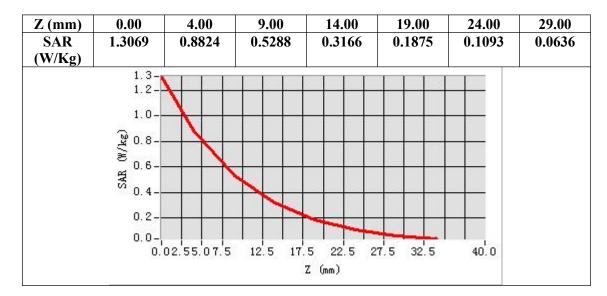


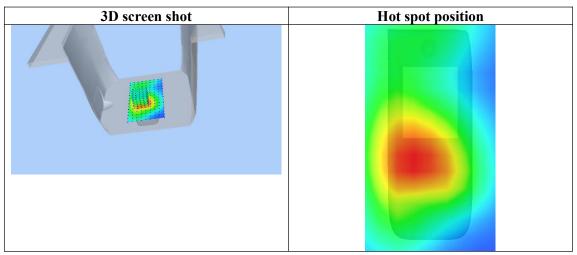
Maximum location: X=-10.00, Y=-15.00 SAR Peak: 1.34 W/kg

<b>SAR 10g (W/Kg)</b>	0.491458
SAR 1g (W/Kg)	0.853066











Date: Jul. 20, 2024

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Test Laboratory: AGC Lab LTE Band 66 High-Body-Back (1 RB#0)

DUT: Mobile phone; Type: S7

Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=2.28; Frequency:1770 MHz; Medium parameters used: f = 1750 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon = 39.34$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 20.8, Liquid temperature ( $^{\circ}$ ): 20.5

# **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

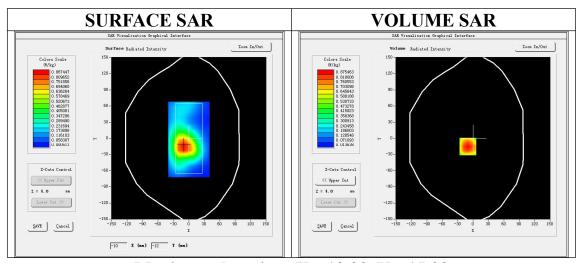
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

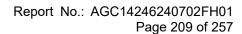
Configuration/ LTE Band 66 High-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 66 High-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

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
Band	LTE Band 66
Channels	High
Signal	OFDM (Crest factor: 1.0)

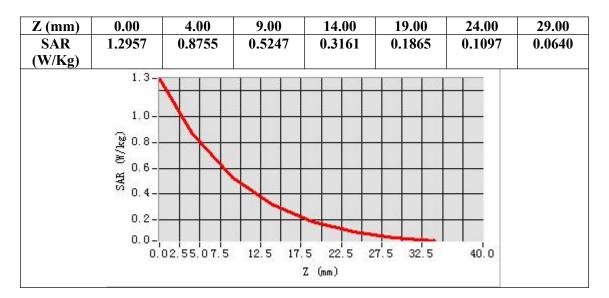


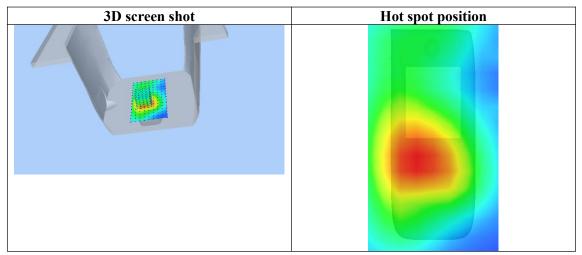
Maximum location: X=-10.00, Y=-15.00 SAR Peak: 1.33 W/kg

SAR 10g (W/Kg)	0.488999
SAR 1g (W/Kg)	0.846449











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Test Laboratory: AGC Lab Date: Jul. 23, 2024

LTE Band 71 Mid-Touch-Right (1 RB#0)

DUT: Mobile phone; Type: S7

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;  $\epsilon = 45.36$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.8

### **SATIMO Configuration:**

Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414

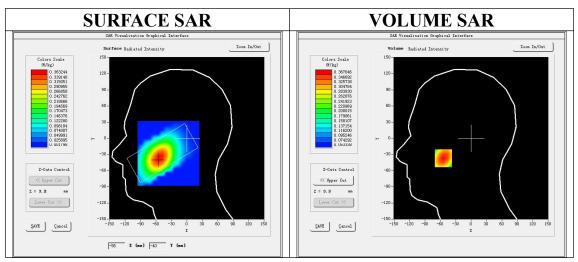
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 32

Configuration/ LTE Band 71 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 71 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-54.00, Y=-37.00 SAR Peak: 0.45 W/kg

<b>SAR 10g (W/Kg)</b>	0.271804
SAR 1g (W/Kg)	0.368282