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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**GSM 850 Mid- Body- Back (MS)<SIM 1>**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 8,2018**

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=1.81;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 55.13$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.8

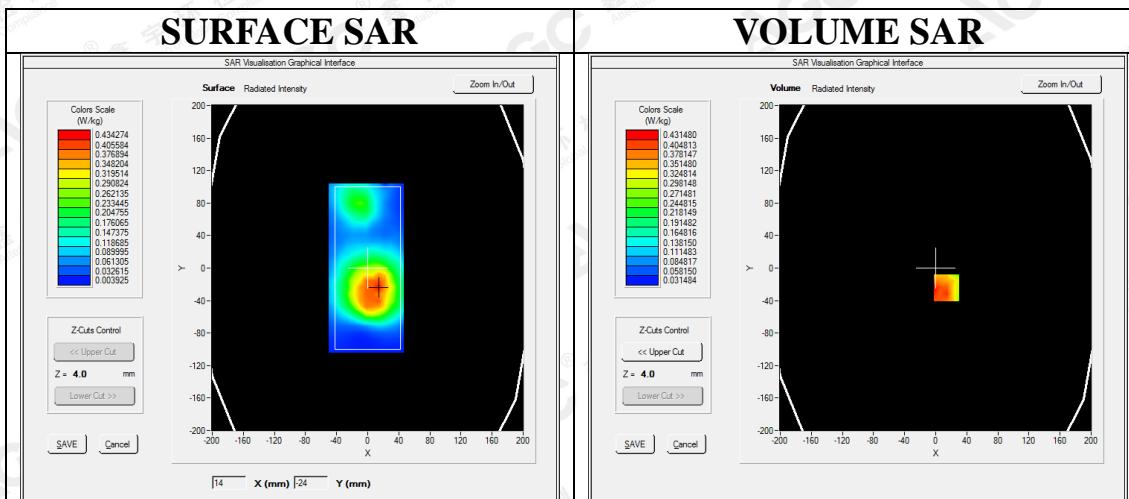
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/GSM 850 Mid-Body-Back/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/GSM 850 Mid-Body-Back/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	ELLI
<b>Device Position</b>	Body Back
<b>Band</b>	GSM 850
<b>Channels</b>	Middle
<b>Signal</b>	TDMA (Crest factor: 8.0)

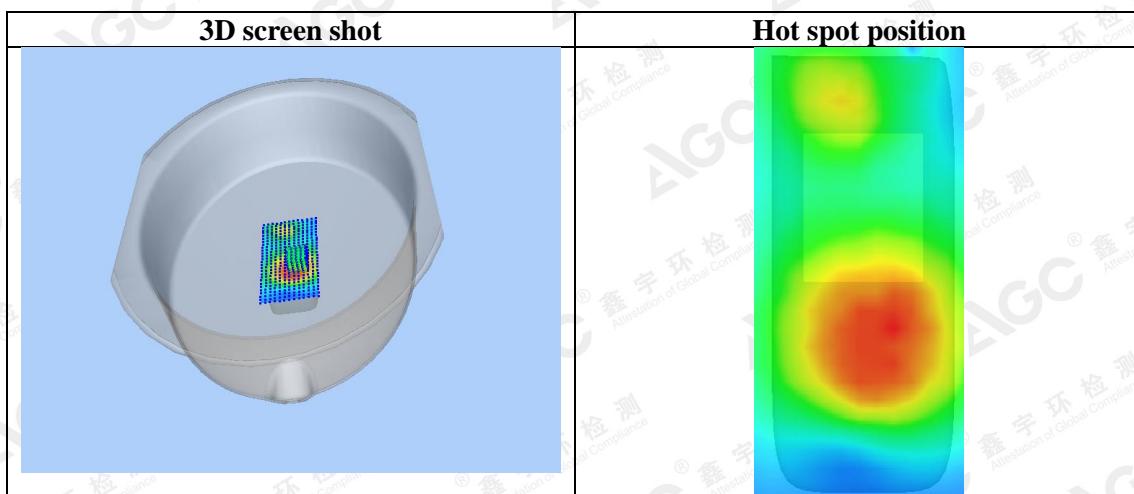
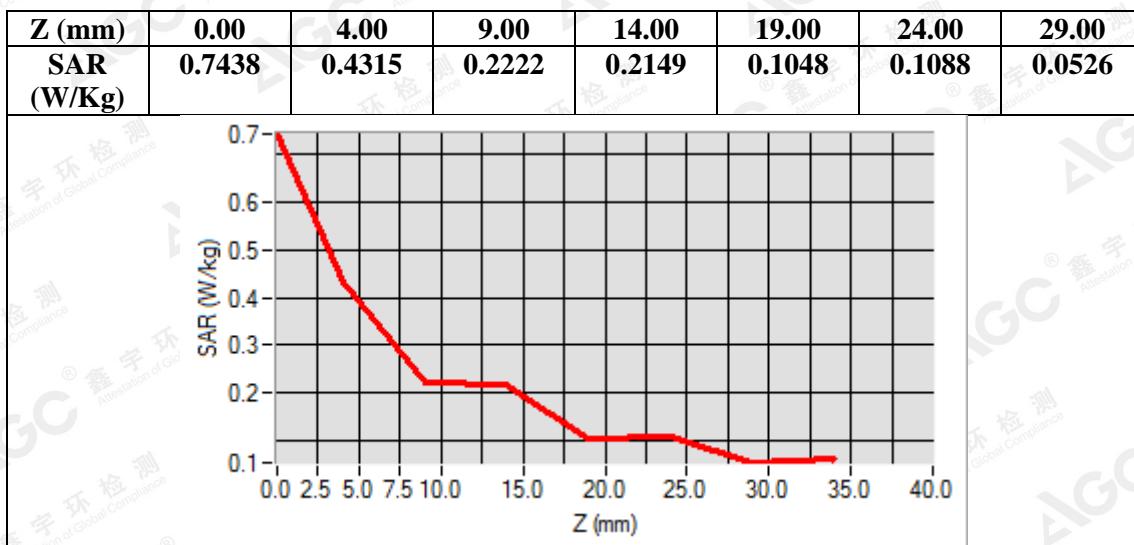


**Maximum location: X=14.00, Y=-24.00**  
**SAR Peak: 0.62 W/kg**

<b>SAR 10g (W/Kg)</b>	0.274599
<b>SAR 1g (W/Kg)</b>	0.406852

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**GPRS 850 Mid- Body- Back (2up)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 8,2018**

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=1.81;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.97 \text{ mho/m}$ ;  $\epsilon_r = 55.13$ ;  $\rho = 1000 \text{ kg/m}^3$ ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.9, Liquid temperature ( $^{\circ}\text{C}$ ): 20.8

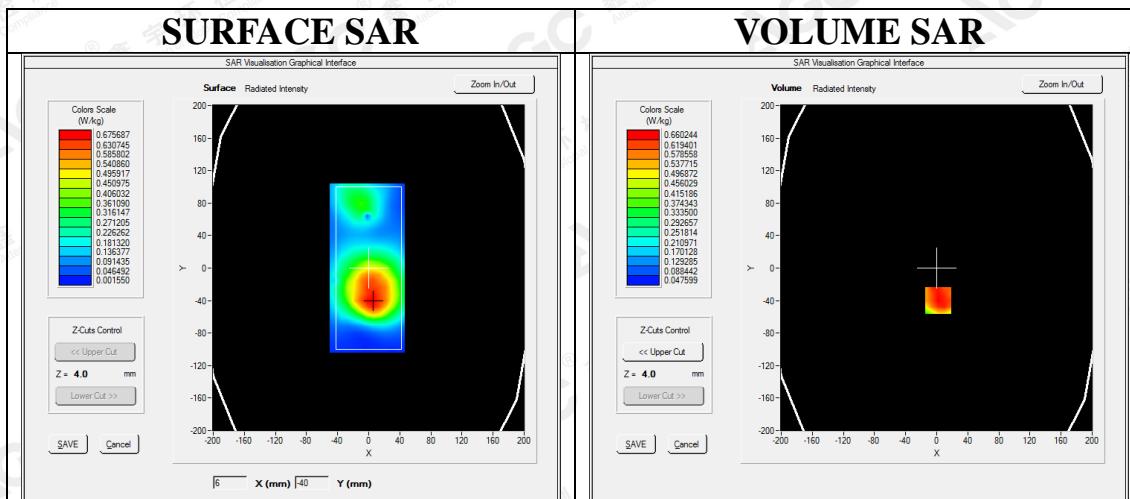
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/GPRS 850 Mid-Body-Back/Area Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $h= 5.00 \text{ mm}$

**Configuration/GPRS 850 Mid-Body-Back/Zoom Scan:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ ;

<b>Area Scan</b>	$dx=8\text{mm}$ $dy=8\text{mm}$ , $h= 5.00 \text{ mm}$
<b>Zoom Scan</b>	$5 \times 5 \times 7$ , $dx=8\text{mm}$ $dy=8\text{mm}$ $dz=5\text{mm}$ , Complete
<b>Phantom</b>	ELLI
<b>Device Position</b>	Body Back
<b>Band</b>	GSM 850
<b>Channels</b>	Middle
<b>Signal</b>	TDMA (Crest factor: 4.0)



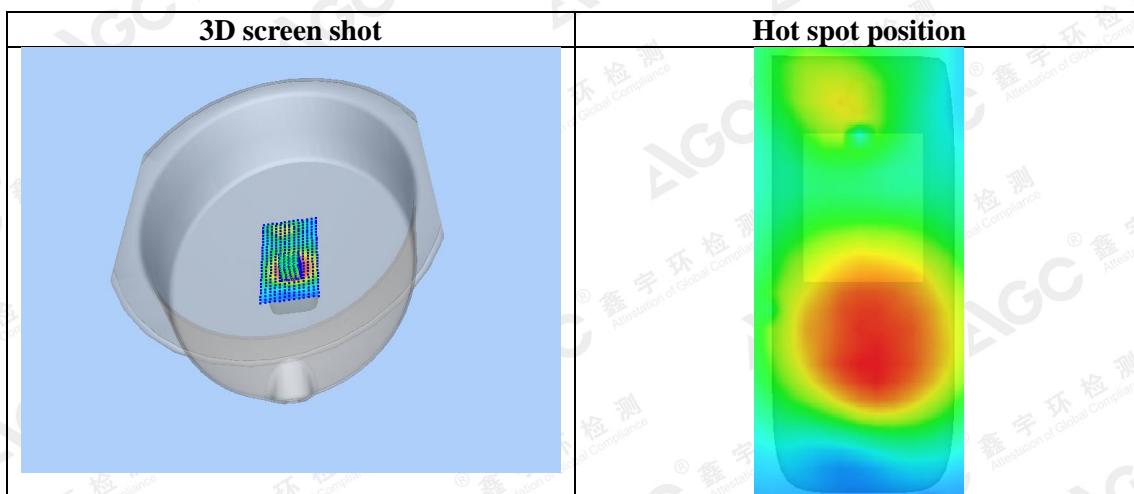
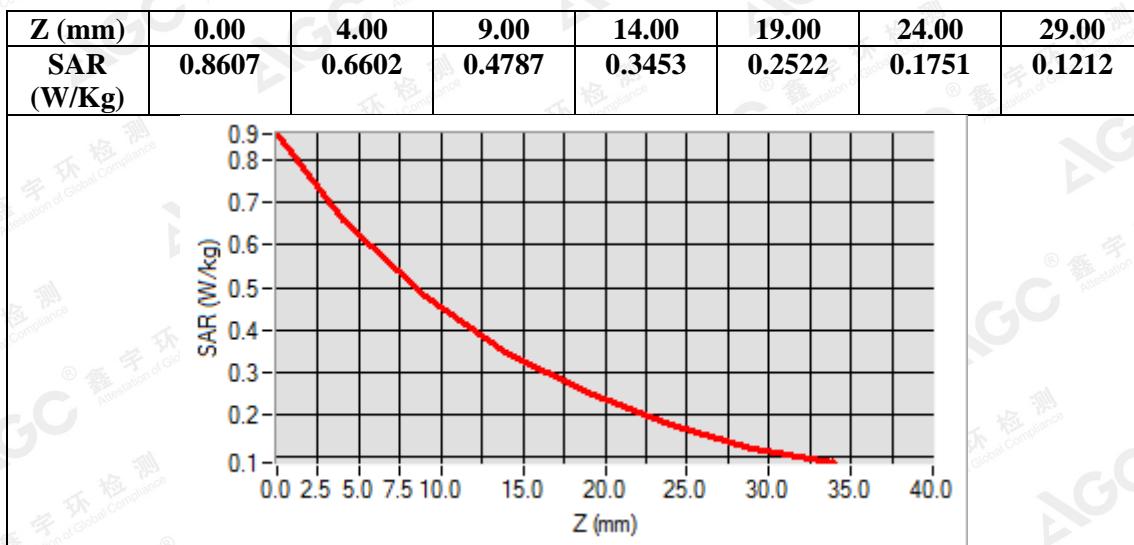
**Maximum location: X=2.00, Y=-40.00**

**SAR Peak: 0.88 W/kg**

<b>SAR 10g (W/Kg)</b>	0.442247
<b>SAR 1g (W/Kg)</b>	0.642101

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**PCS 1900 Mid-Touch- Left <SIM 1>**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Date: June 11,2018

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=2.32; Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Left Section  
Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.3

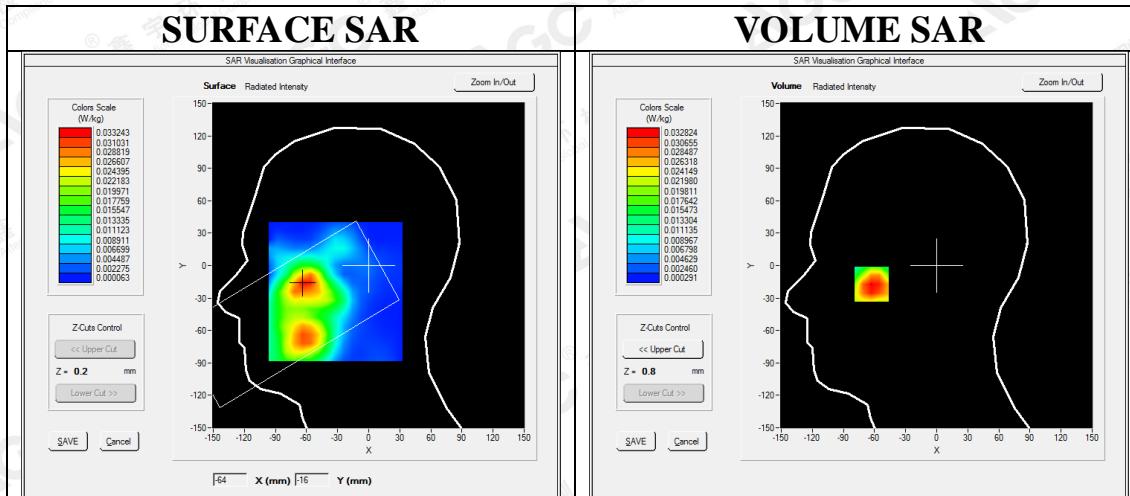
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/PCS1900 Mid-Touch-Left/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/PCS1900 Mid-Touch-Left/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	PCS 1900
<b>Channels</b>	Middle
<b>Signal</b>	TDMA (Crest factor: 8.0)



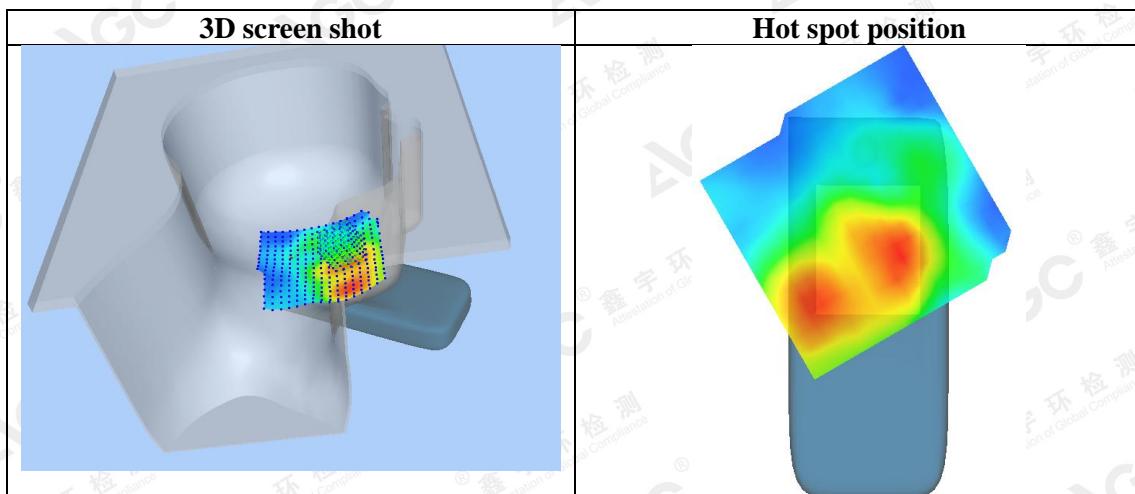
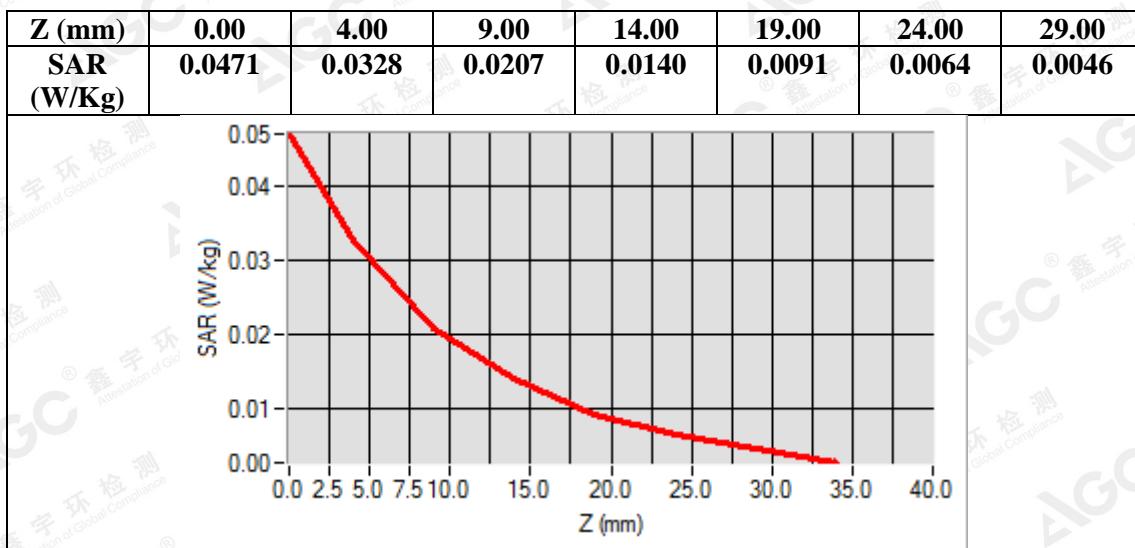
**Maximum location: X=-63.00, Y=-16.00**

**SAR Peak: 0.09 W/kg**

<b>SAR 10g (W/Kg)</b>	0.019071
<b>SAR 1g (W/Kg)</b>	0.037974

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**Test Laboratory: AGC Lab**  
**PCS 1900 Mid-Body-Back (MS)<SIM 1>**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 11,2018**

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=2.39; Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.50$  mho/m;  $\epsilon_r = 54.11$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section  
 Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.5

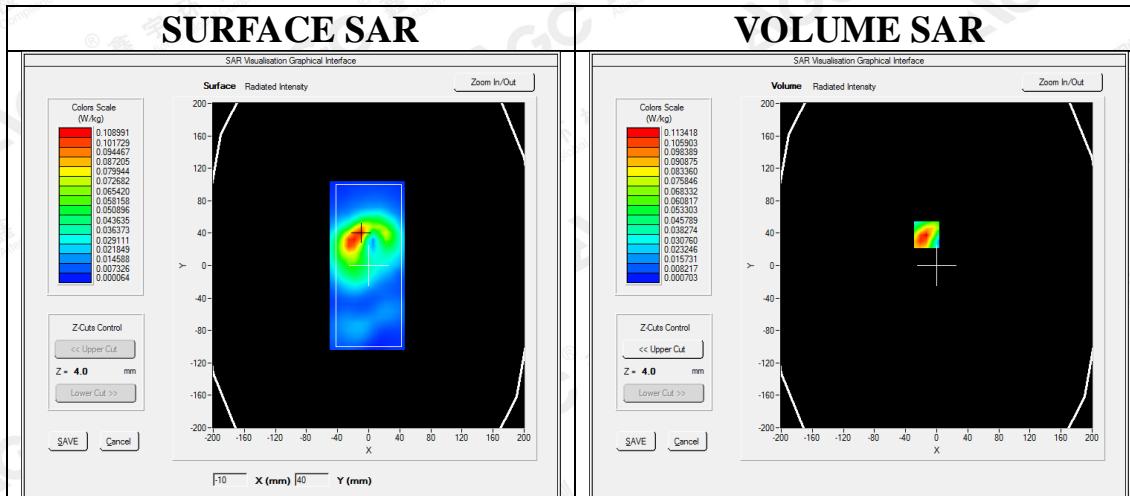
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/PCS1900 Mid-Body-Back/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/PCS1900 Mid-Body-Back/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	ELLI
<b>Device Position</b>	Body Back
<b>Band</b>	PCS 1900
<b>Channels</b>	Middle
<b>Signal</b>	TDMA (Crest factor: 8.0)



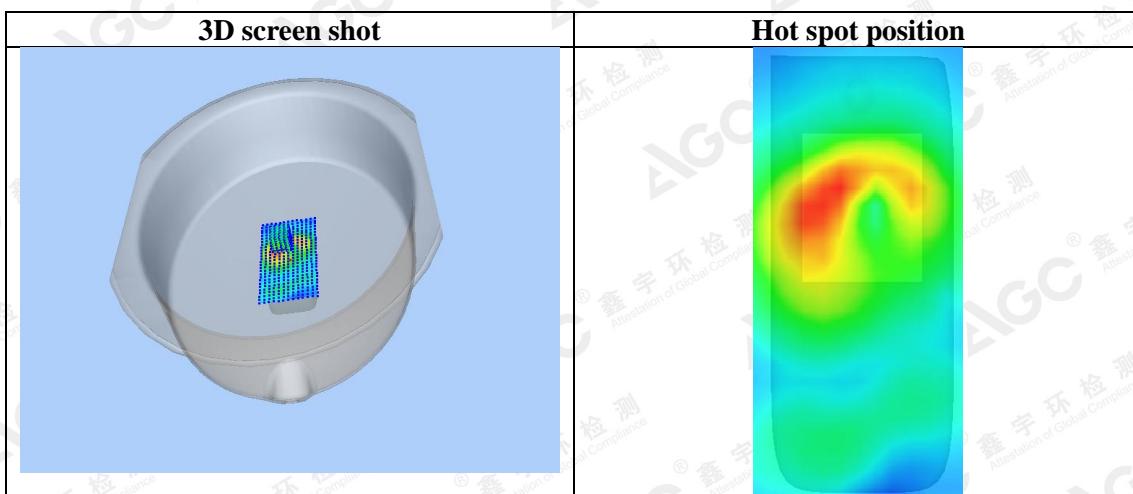
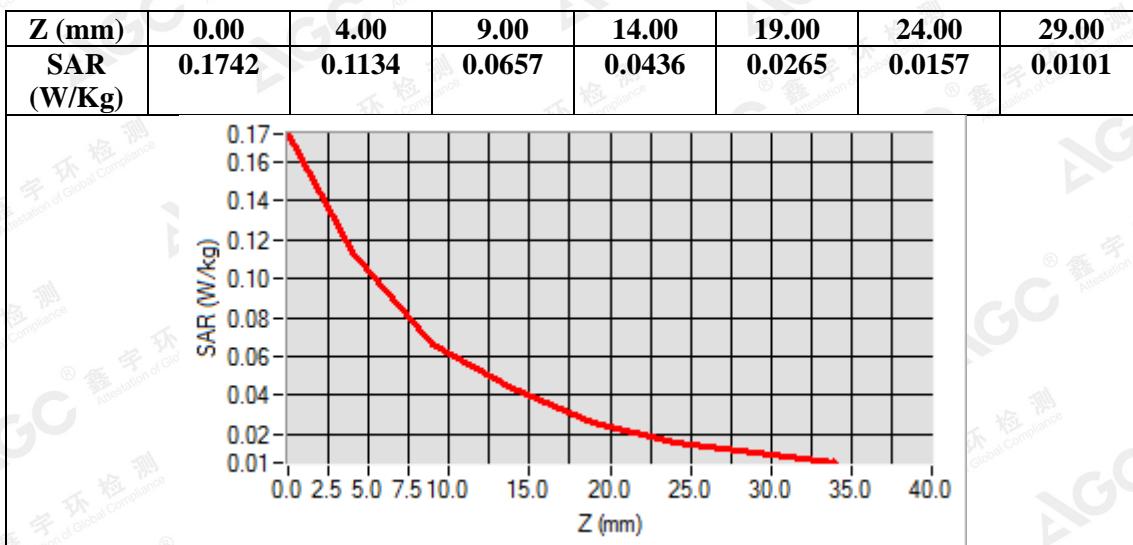
**Maximum location: X=-13.00, Y=38.00**

**SAR Peak: 0.17 W/kg**

<b>SAR 10g (W/Kg)</b>	0.061691
<b>SAR 1g (W/Kg)</b>	0.109713

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**GPRS 1900 Mid-Edge3 (3up)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 11,2018**

Communication System: GPRS-3Slot; Communication System Band: PCS 1900; Duty Cycle: 1:1.27; Conv.F=2.39; Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.50$  mho/m;  $\epsilon_r = 54.11$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section  
Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.5

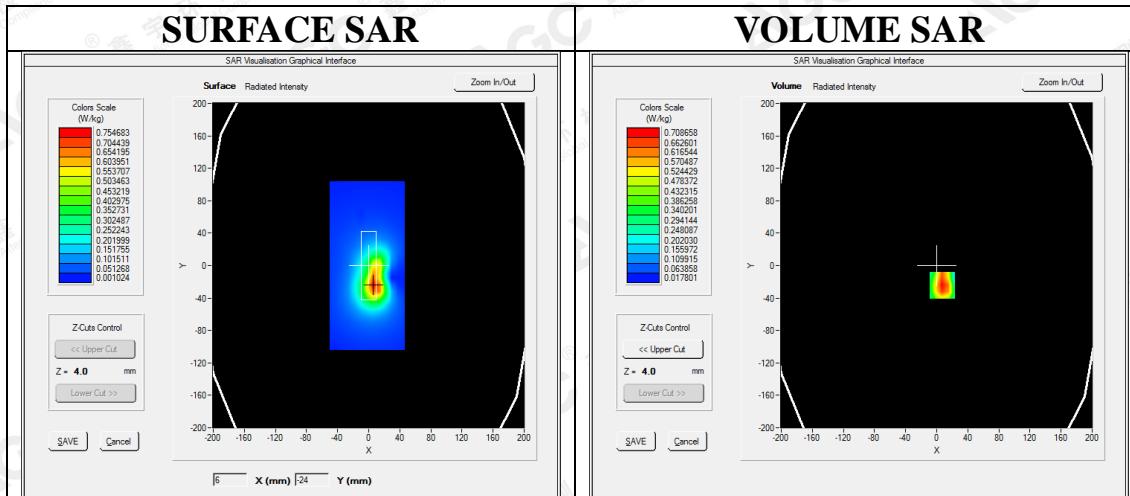
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/GPRS1900 Mid- Edge3/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/GPRS1900 Mid- Edge3/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	PCS 1900
<b>Channels</b>	Middle
<b>Signal</b>	TDMA (Crest factor: 2.7)



**Maximum location: X=7.00, Y=-24.00**

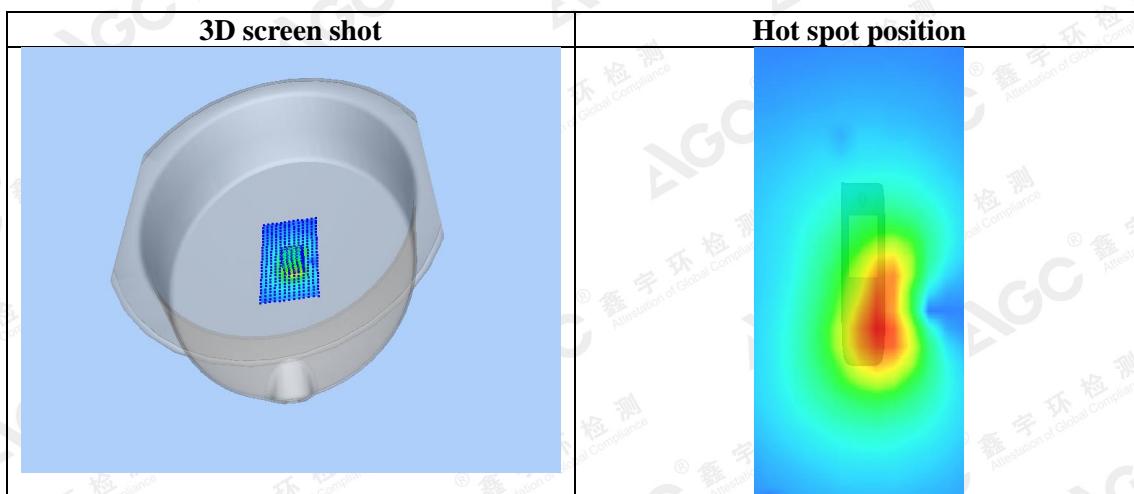
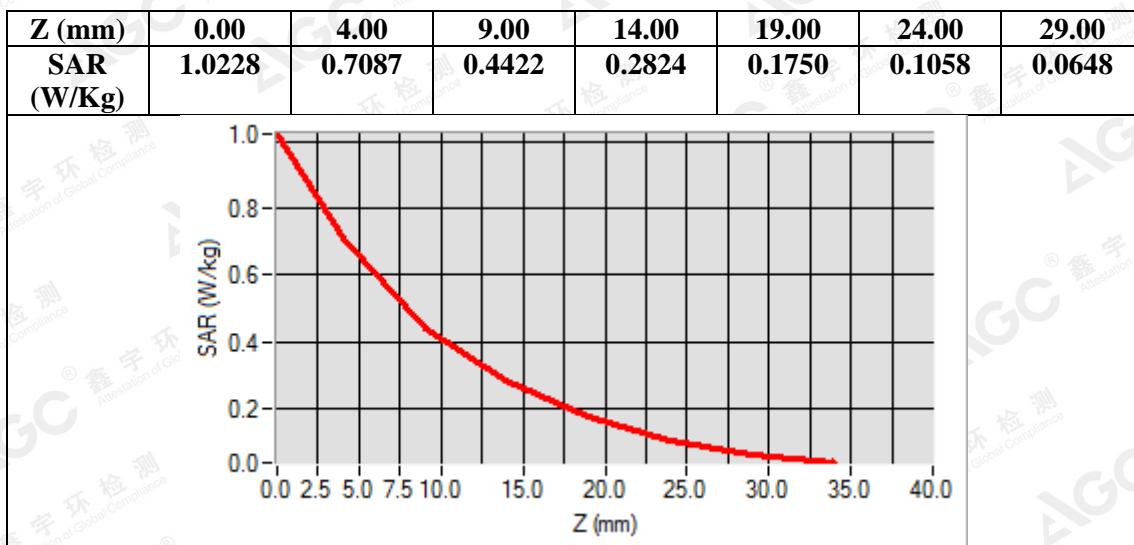
**SAR Peak: 1.05 W/kg**

<b>SAR 10g (W/Kg)</b>	0.376651
<b>SAR 1g (W/Kg)</b>	0.676530

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**WCDMA Band II Mid-Touch-Right (RMC)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Date: June 11, 2018

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=2.32;  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section  
Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.3

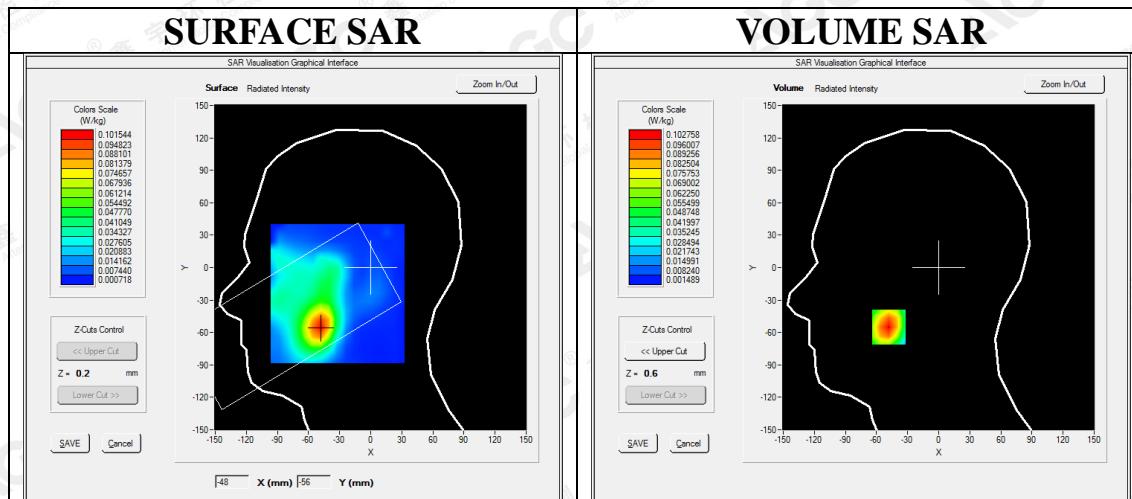
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/WCDMA band II Mid-Touch-Right/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/WCDMA band II Mid-Touch-Right/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA band II
<b>Channels</b>	Middle
<b>Signal</b>	CDMA (Crest factor: 1.0)



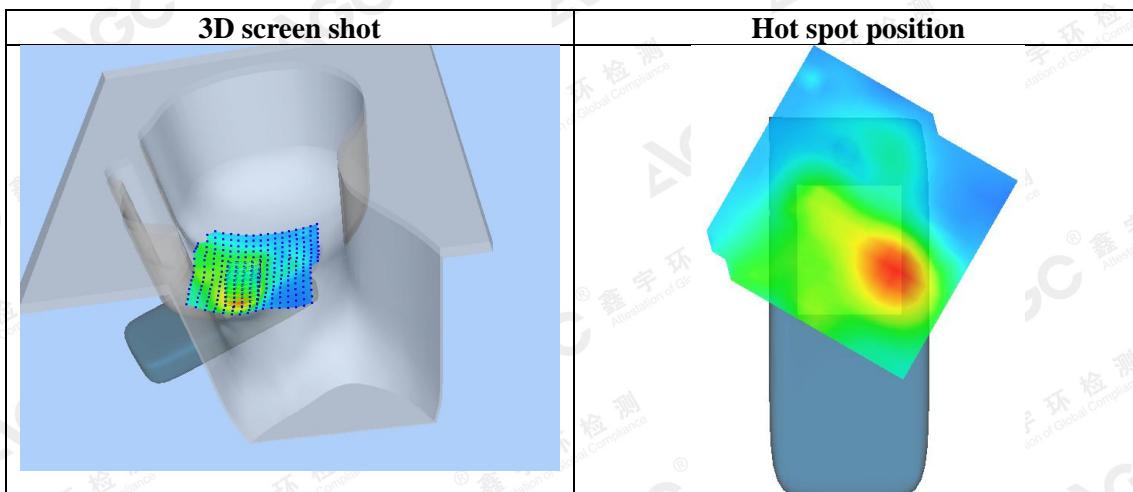
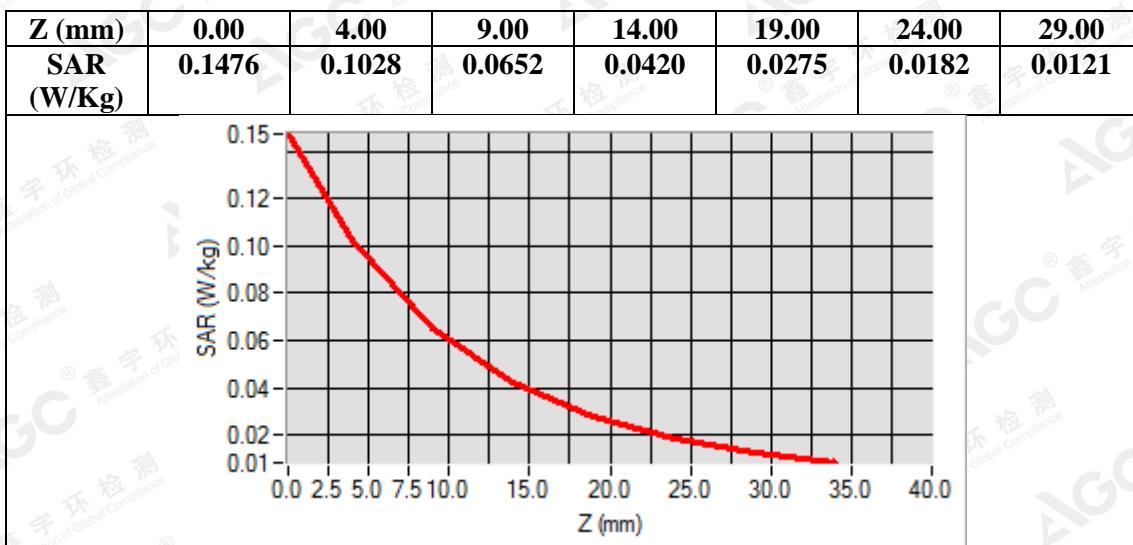
**Maximum location: X=-48.00, Y=-55.00**  
**SAR Peak: 0.15 W/kg**

<b>SAR 10g (W/Kg)</b>	0.057365
<b>SAR 1g (W/Kg)</b>	0.097593

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**WCDMA Band II Mid-Edge 3(RMC)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Date: June 11, 2018

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=2.39  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.50$  mho/m;  $\epsilon_r = 54.11$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.5

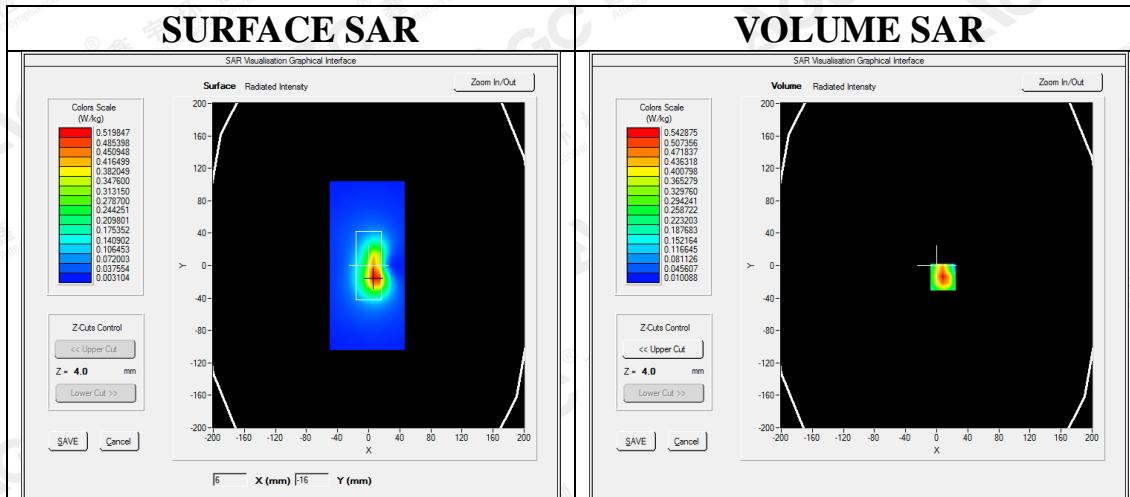
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ WCDMA band II Mid-Edge 3/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ WCDMA band II Mid-Edge 3/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5mm;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge 3
<b>Band</b>	WCDMA band II
<b>Channels</b>	Middle
<b>Signal</b>	CDMA (Crest factor: 1.0)



**Maximum location: X=8.00, Y=-14.00**

**SAR Peak: 0.80 W/kg**

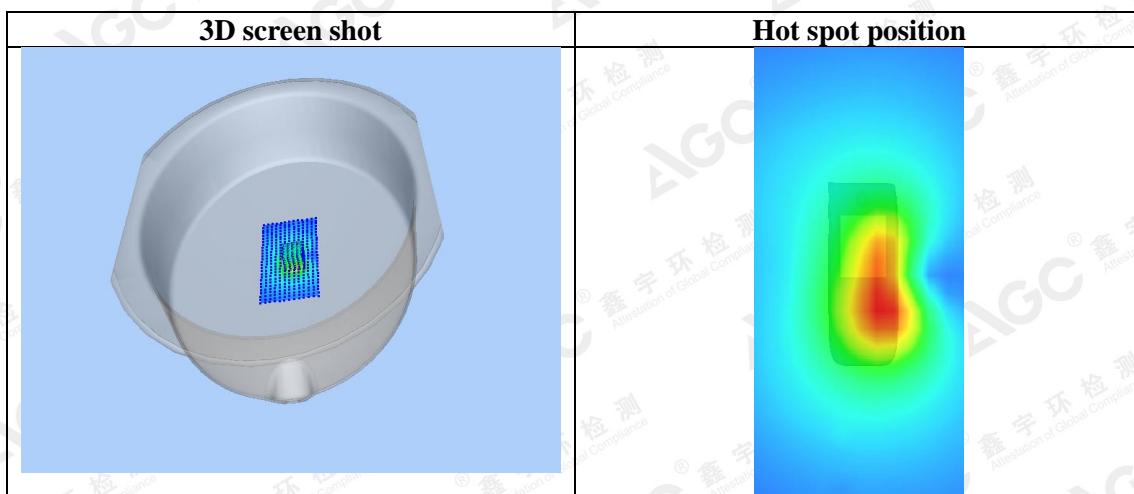
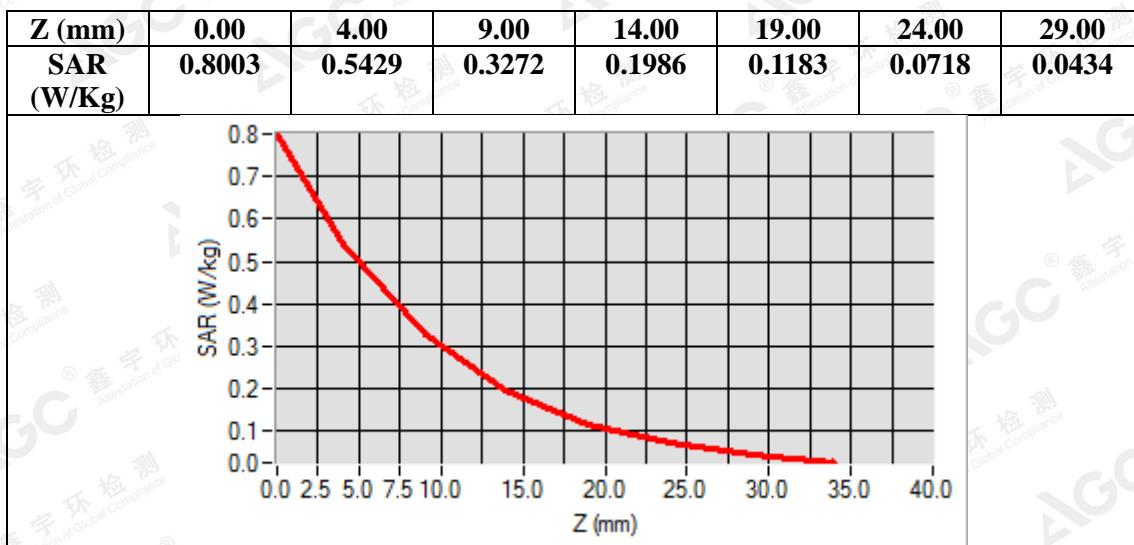
<b>SAR 10g (W/Kg)</b>	0.274279
<b>SAR 1g (W/Kg)</b>	0.506884

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**

**Date: June 8,2018**

**WCDMA Band V Mid-Touch-Right (RMC )**

**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD ; Duty Cycle:1: 1; Conv.F=1.74; Frequency: 836.6 MHz; Medium parameters used:  $f = 835\text{MHz}$ ;  $\sigma=0.91 \text{ mho/m}$ ;  $\epsilon_r =41.75$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.5

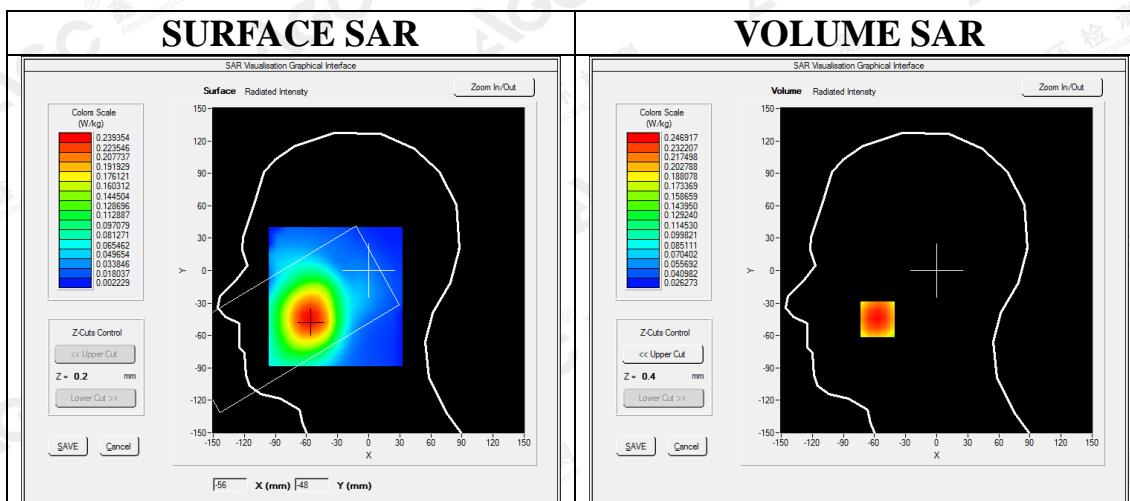
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- 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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	WCDMA Band V
<b>Channels</b>	Middle
<b>Signal</b>	CDMA (Crest factor: 1.0)



**Maximum location: X=-57.00, Y=-45.00**

**SAR Peak: 0.31 W/kg**

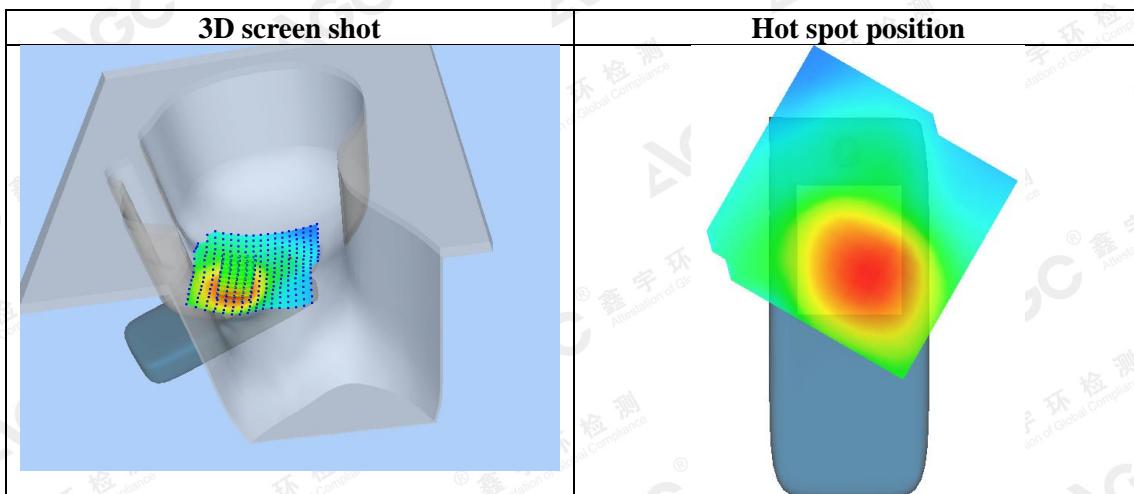
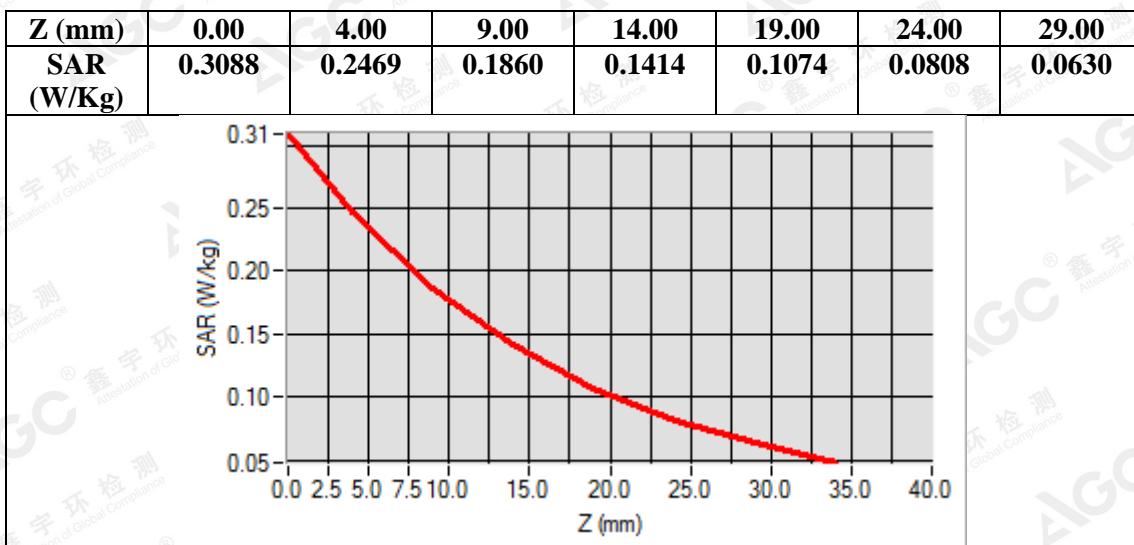
<b>SAR 10g (W/Kg)</b>	0.171618
<b>SAR 1g (W/Kg)</b>	0.238727

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**WCDMA Band V Mid-Body-Towards Grounds (RMC)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 8,2018**

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=1.81; Frequency: 836.6 MHz; Medium parameters used:  $f = 835\text{MHz}$ ;  $\sigma = 0.97 \text{ mho/m}$ ;  $\epsilon_r = 55.13$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Phantom section: Flat Section  
 Ambient temperature ( $^{\circ}\text{C}$ ): 20.9, Liquid temperature ( $^{\circ}\text{C}$ ): 20.8

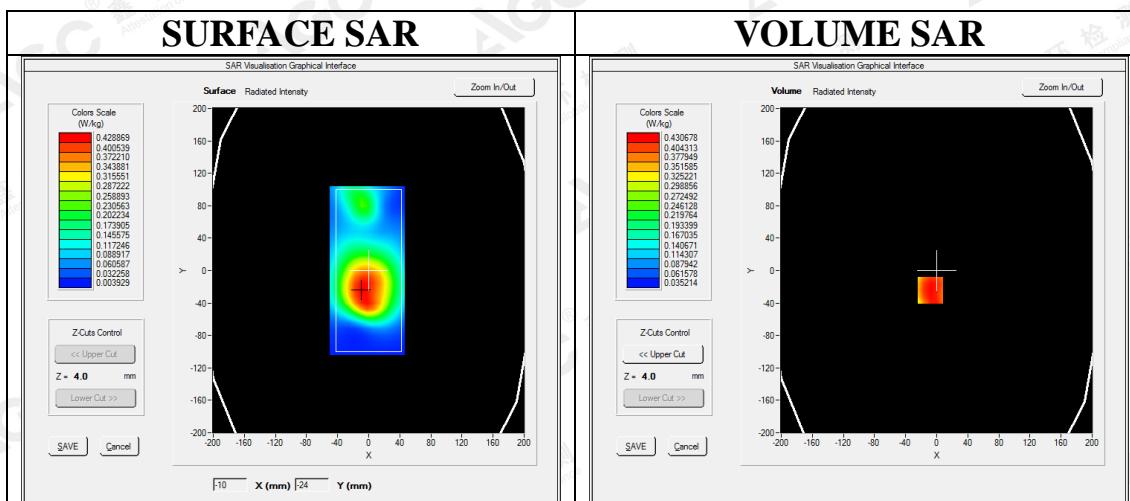
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 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;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
<b>Phantom</b>	ELLI
<b>Device Position</b>	Body Back
<b>Band</b>	WCDMA Band V
<b>Channels</b>	Middle
<b>Signal</b>	CDMA (Crest factor: 1.0)



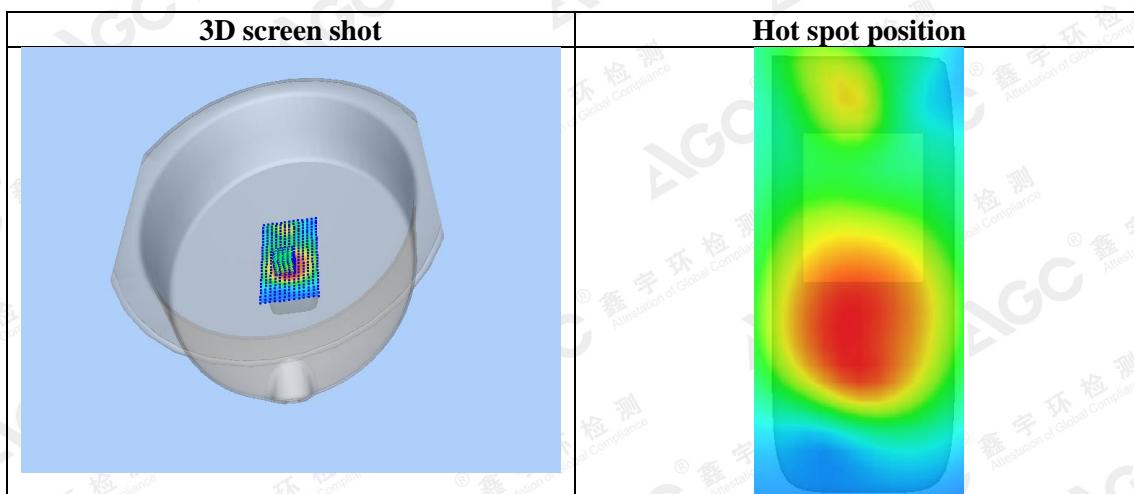
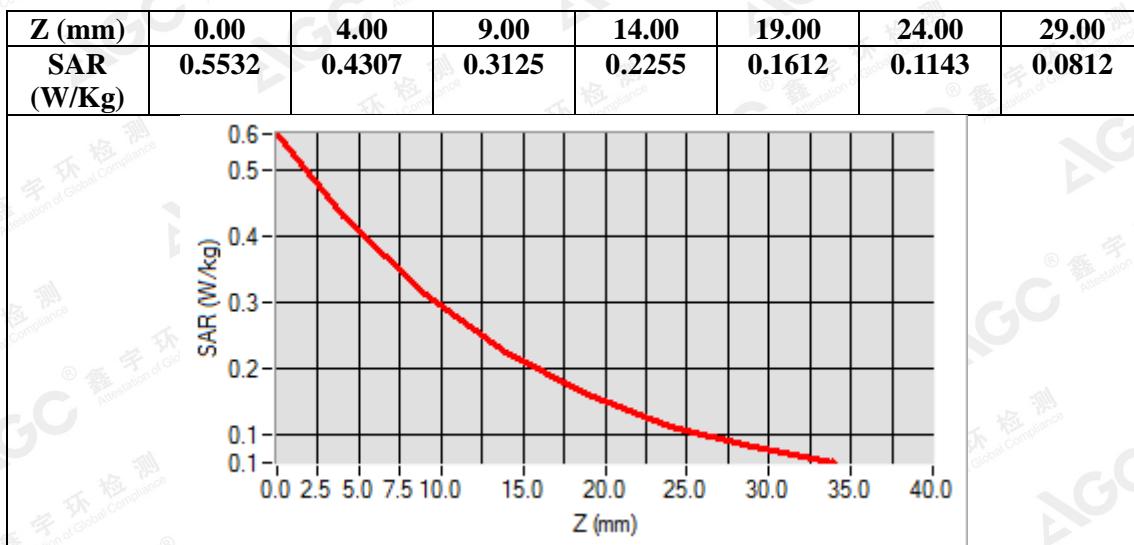
**Maximum location: X=-8.00, Y=-24.00**  
**SAR Peak: 0.58 W/kg**

<b>SAR 10g (W/Kg)</b>	0.295952
<b>SAR 1g (W/Kg)</b>	0.418203

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**Test Laboratory: AGC Lab**  
**LTE Band II Mid-Touch-Right (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 16, 2018**

Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle: 1:1; Conv.F=2.32;  
 Frequency: 1880MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.76$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Right Section  
 Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.2

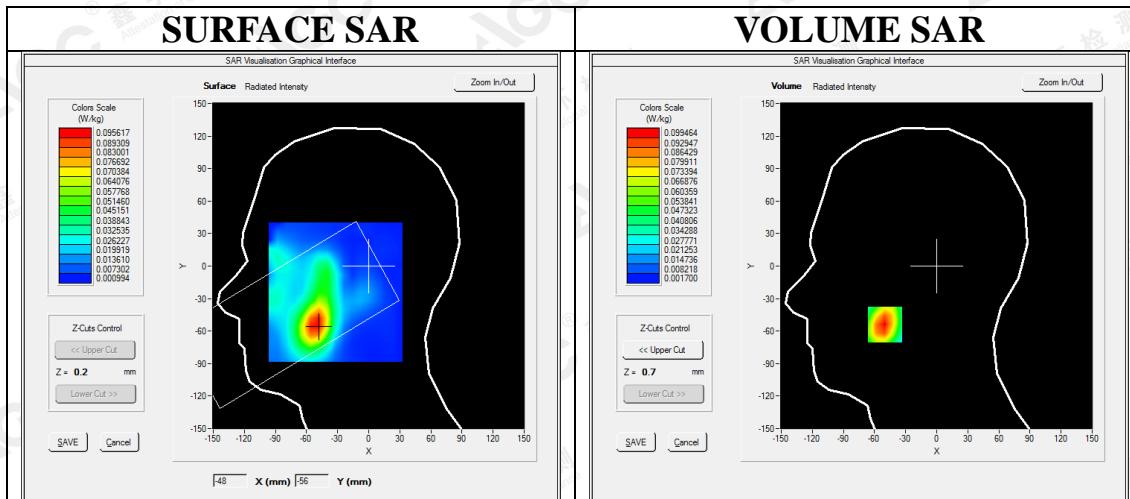
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08, 2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ LTE Band II Mid- Touch-Right /Area Scan:** Measurement grid: dx=8mm, dy=8mm

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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE Band II
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-50.00, Y=-54.00**

**SAR Peak: 0.15 W/kg**

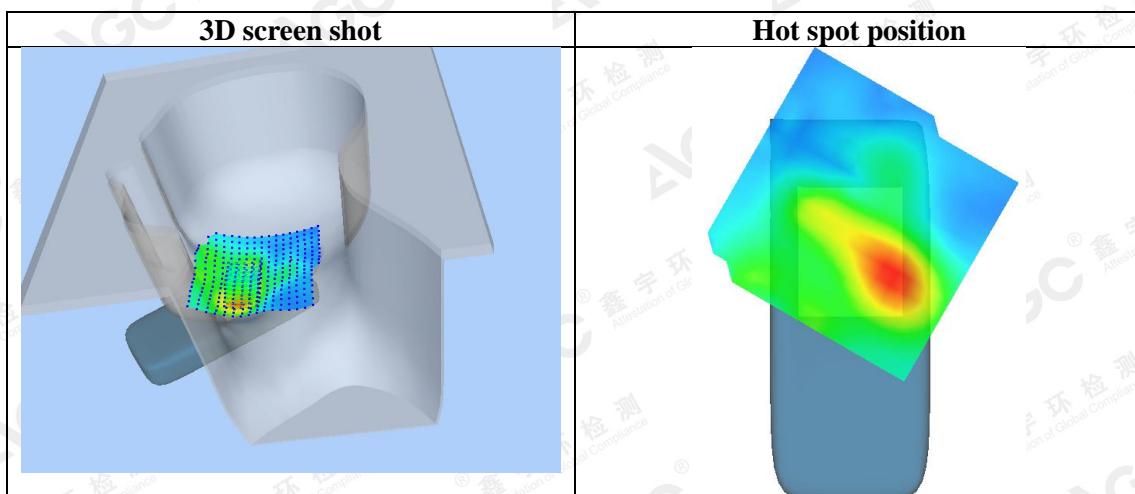
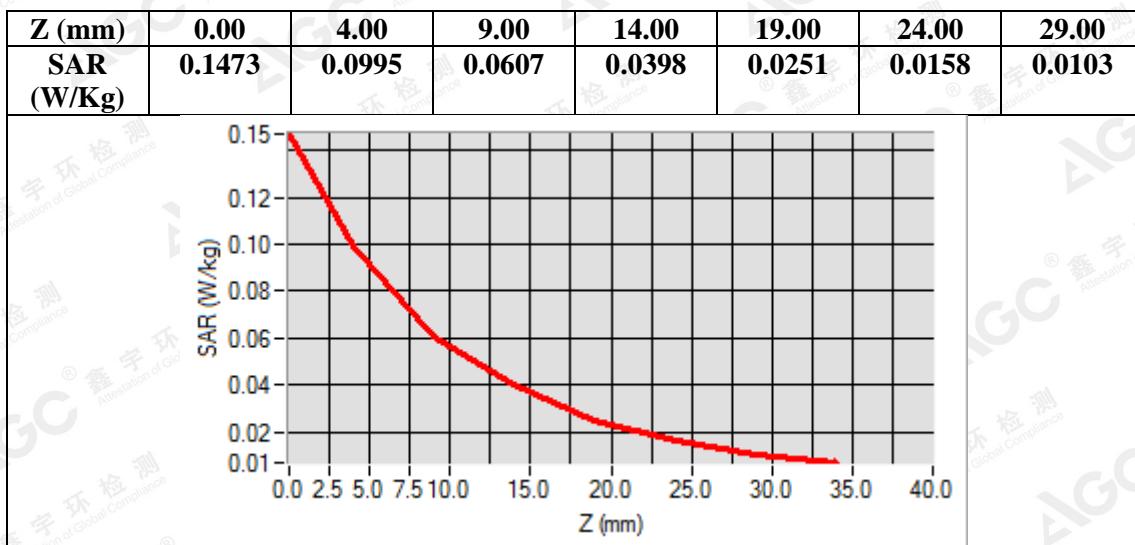
<b>SAR 10g (W/Kg)</b>	0.054774
<b>SAR 1g (W/Kg)</b>	0.095539

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**Test Laboratory: AGC Lab**  
**LTE Band II Mid-Edge3 (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 16, 2018**

Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle: 1:1; Conv.F=2.39;  
 Frequency: 1880MHz; Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 54.86$ ;  $\rho = 1000 \text{ kg/m}^3$ ;  
 Phantom section: Flat Section  
 Ambient temperature ( $^{\circ}\text{C}$ ): 21.5, Liquid temperature ( $^{\circ}\text{C}$ ): 21.4

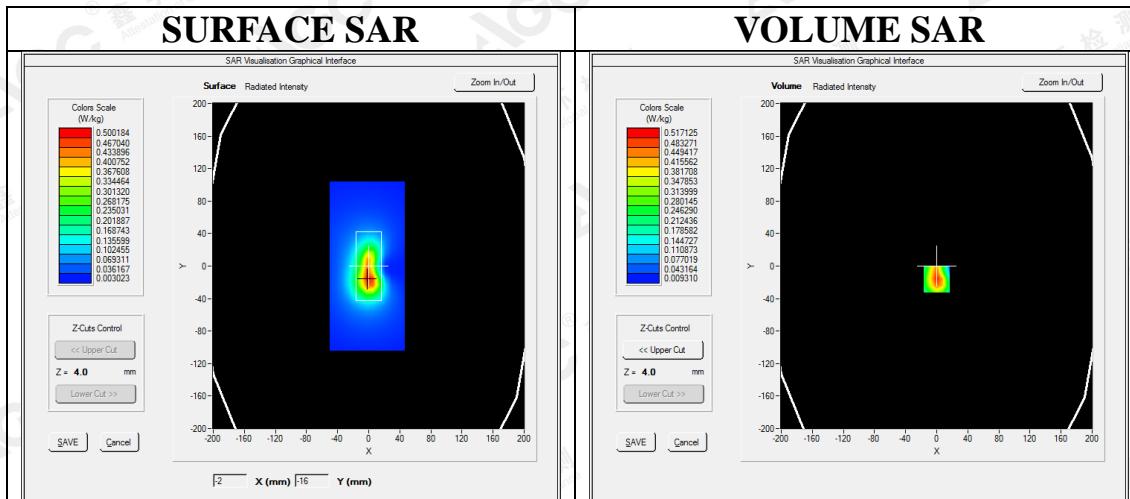
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08, 2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ LTE Band II Mid- Edge3 /Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band II Mid- Edge3 /Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band II
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=0.00, Y=-16.00**

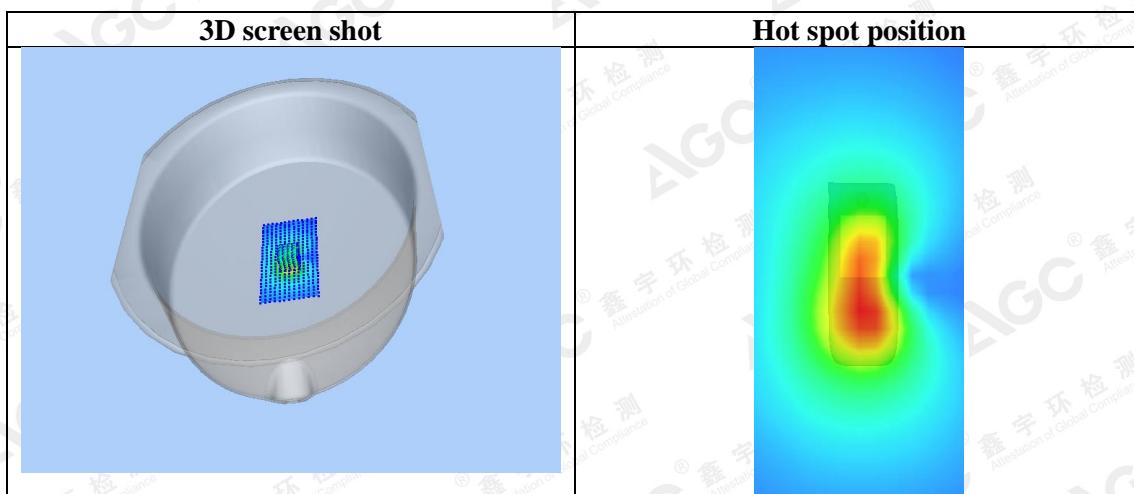
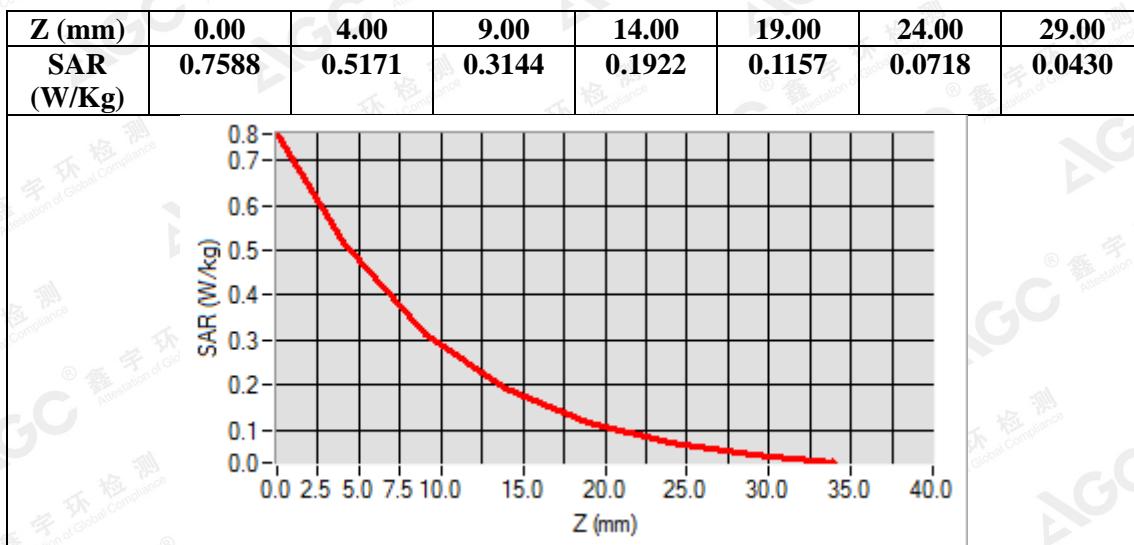
**SAR Peak: 0.76 W/kg**

<b>SAR 10g (W/Kg)</b>	0.265114
<b>SAR 1g (W/Kg)</b>	0.483624

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**Test Laboratory: AGC Lab**

**Date: June 02,2018**

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

**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=2.03; Frequency:1732.5 MHz; Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 41.20$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Right Section

Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.3

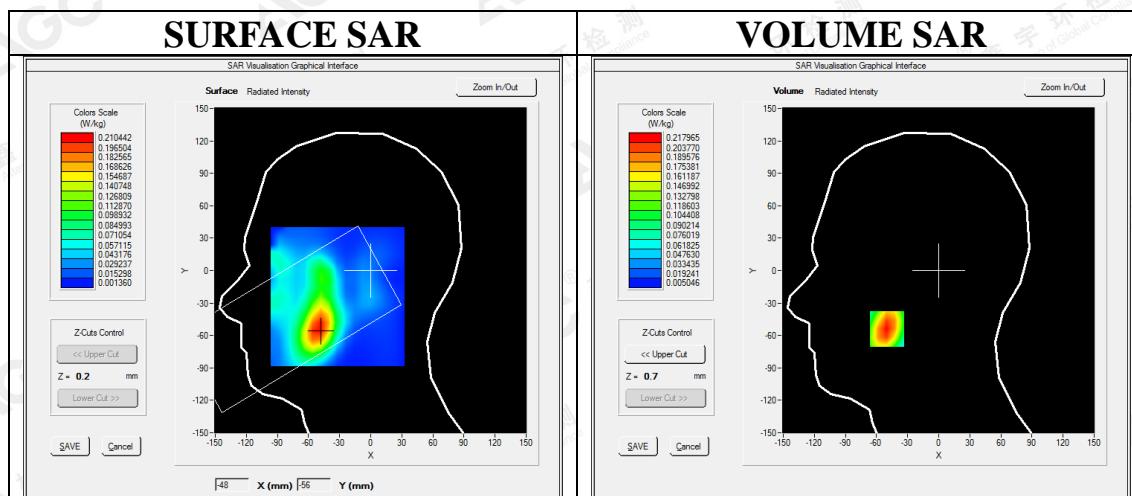
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ LTE Band IV Mid- Touch-Right /Area Scan:** Measurement grid: dx=8mm, dy=8mm

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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE Band IV
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-50.00, Y=-54.00**

**SAR Peak: 0.30 W/kg**

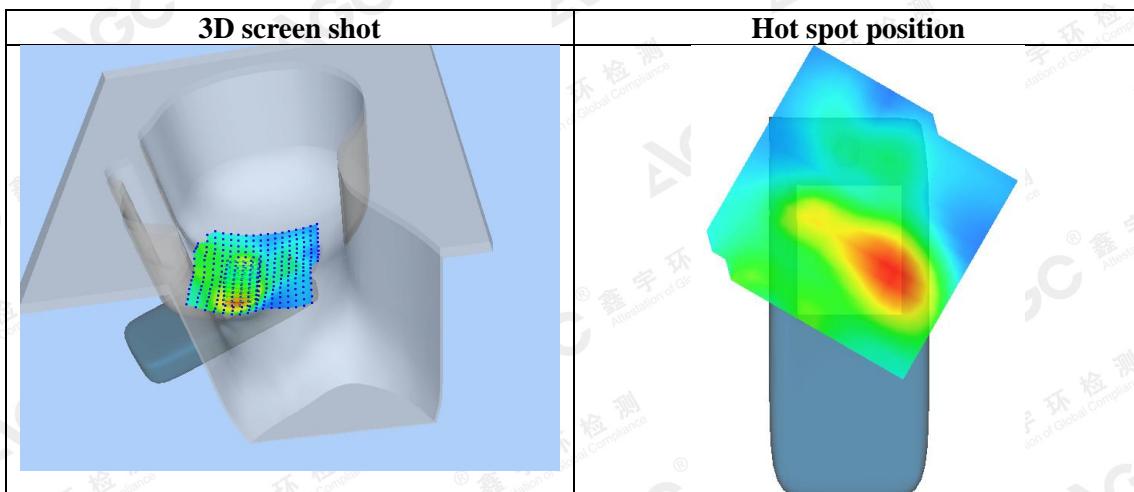
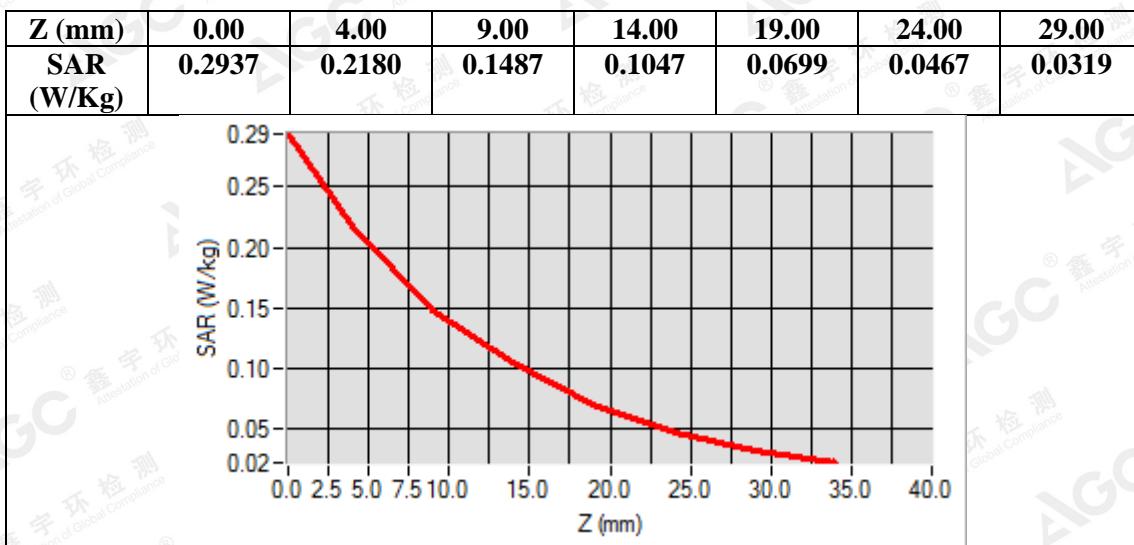
<b>SAR 10g (W/Kg)</b>	0.128941
<b>SAR 1g (W/Kg)</b>	0.208248

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**Test Laboratory: AGC Lab**
**Date: June 02,2018**
**LTE Band IV Mid-Edge3(1 RB#0)**
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=2.07;  
 Frequency:1732.5 MHz; Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.77$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section  
 Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.5

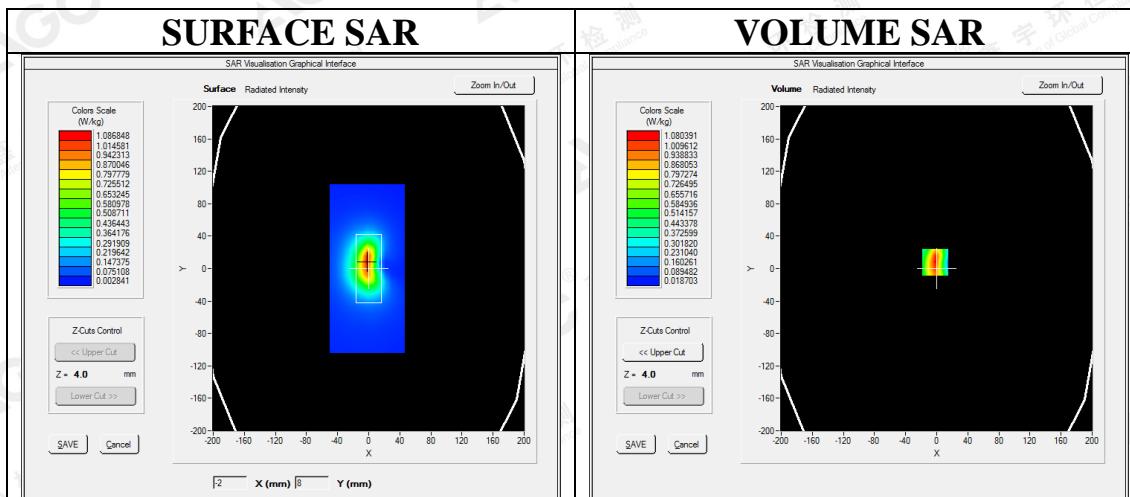
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ LTE Band IV Mid- Edge3/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band IV Mid- Edge3/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

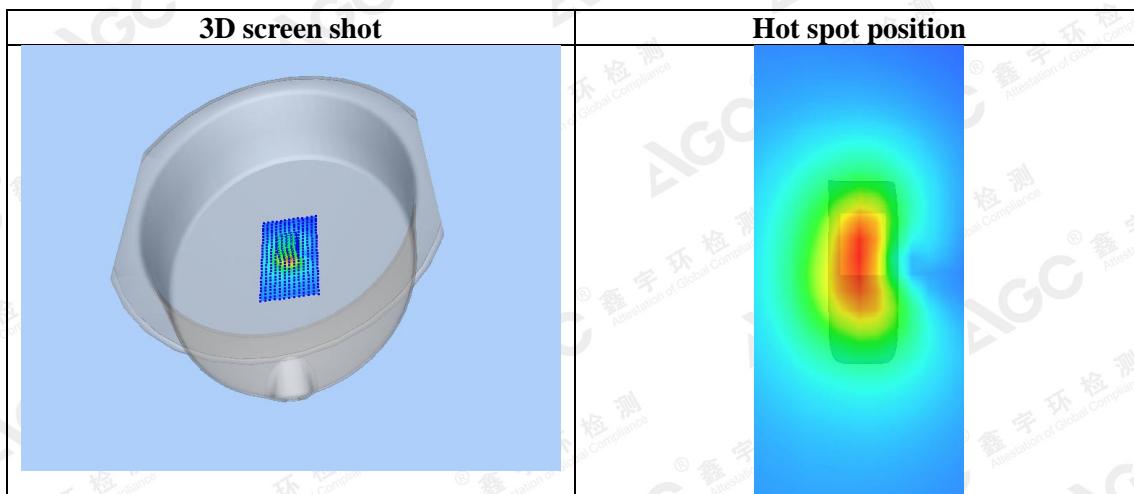
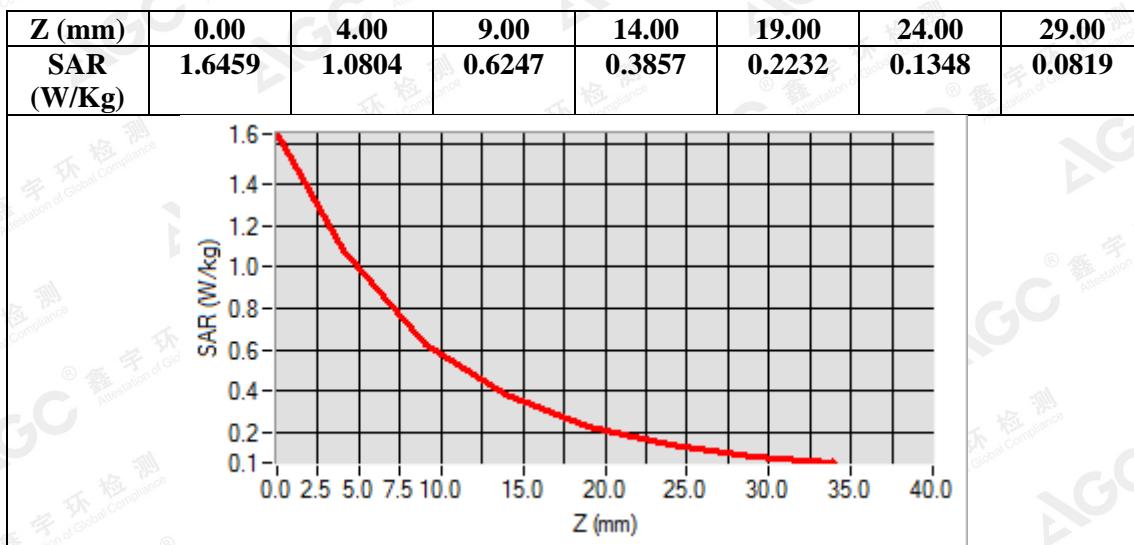
<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band IV
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)


**Maximum location: X=-2.00, Y=8.00**
**SAR Peak: 1.64 W/kg**

<b>SAR 10g (W/Kg)</b>	0.546481
<b>SAR 1g (W/Kg)</b>	1.010165

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**Test Laboratory: AGC Lab**

**Date: June 02,2018**

**LTE Band IV High-Edge3(1 RB#0)**

**DUT: Handheld Fingerprint Terminal; Type: TPS360**

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=2.07;  
Frequency:1745 MHz; Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.10$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.5

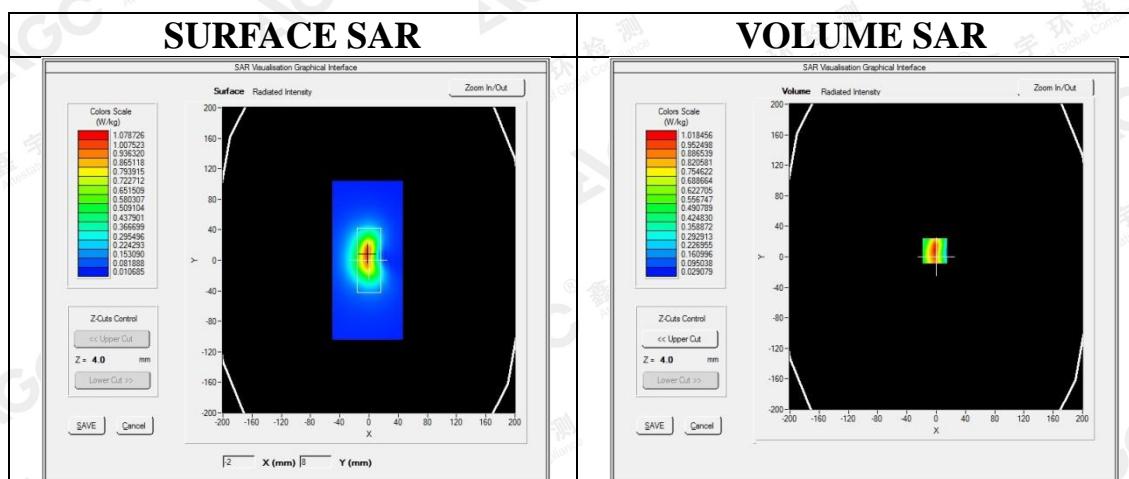
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ LTE Band IV High- Edge3/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band IV High- Edge3/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band IV
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-2.00, Y=8.00**

**SAR Peak: 1.60 W/kg**

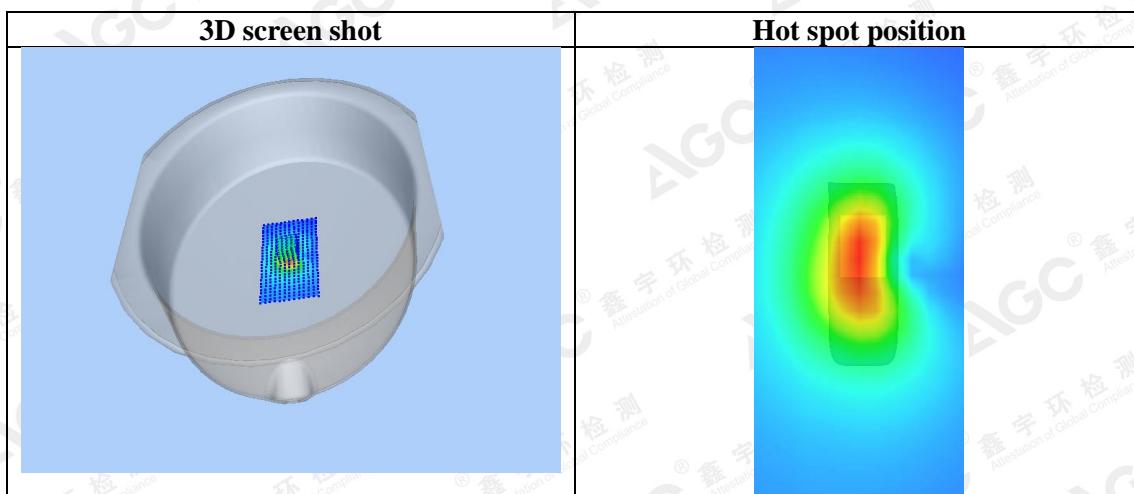
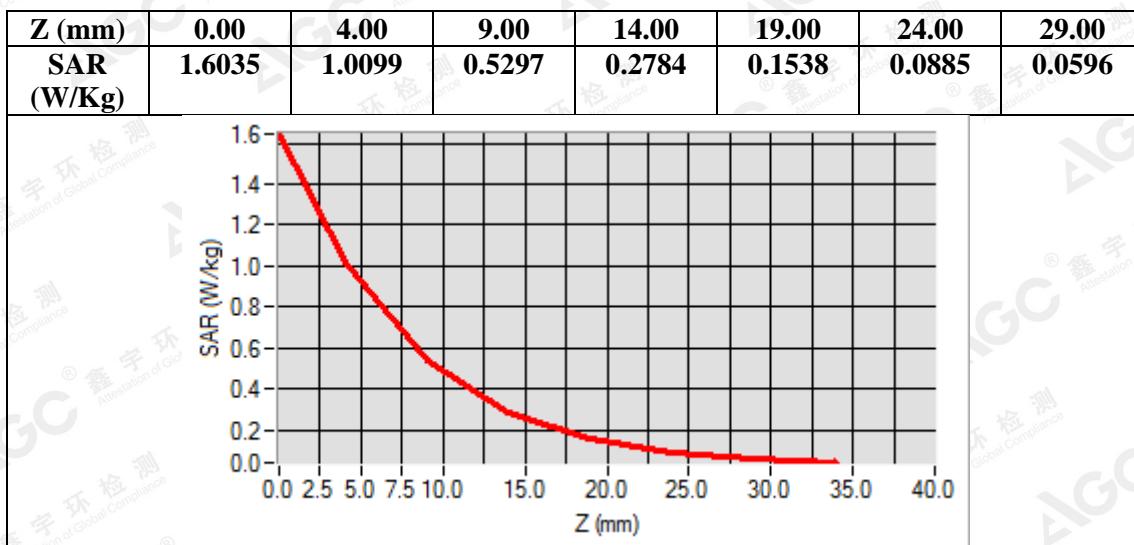
<b>SAR 10g (W/Kg)</b>	0.503634
<b>SAR 1g (W/Kg)</b>	0.998046

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**LTE Band V Mid-Touch-Left (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 20,2018**

Communication System: LTE; Communication System Band: LTE Band V; Duty Cycle:1:1; Conv.F=1.74  
 Frequency: 836.5 MHz; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 41.77$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Phantom section: Left Section  
 Ambient temperature (°C): 22.0, Liquid temperature (°C): 21.3

**SATIMO Configuration:**

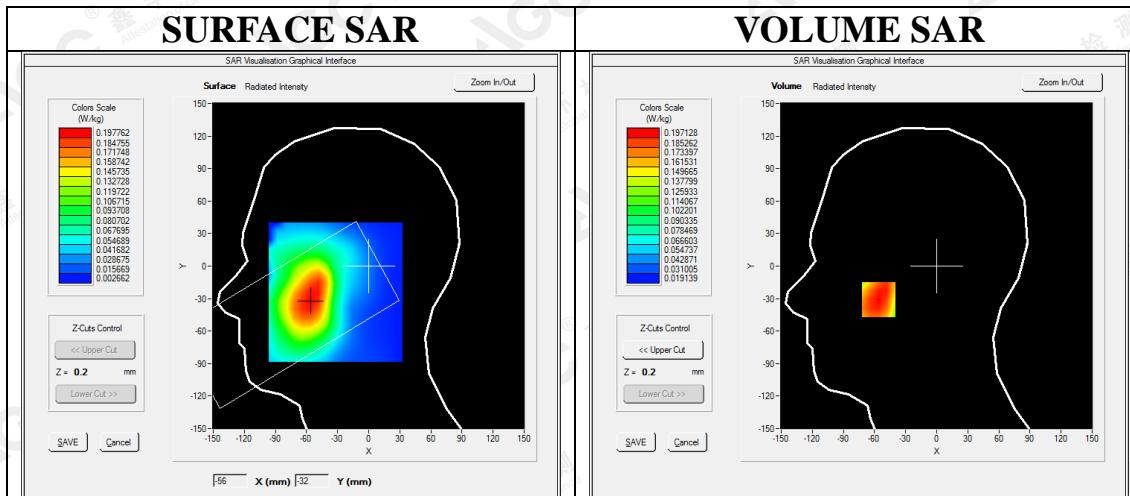
Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band V Mid- Touch-Left /Area Scan:** Measurement grid: dx=8mm, dy=8mm

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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE Band V
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=-56.00, Y=-31.00**

**SAR Peak: 0.24 W/kg**

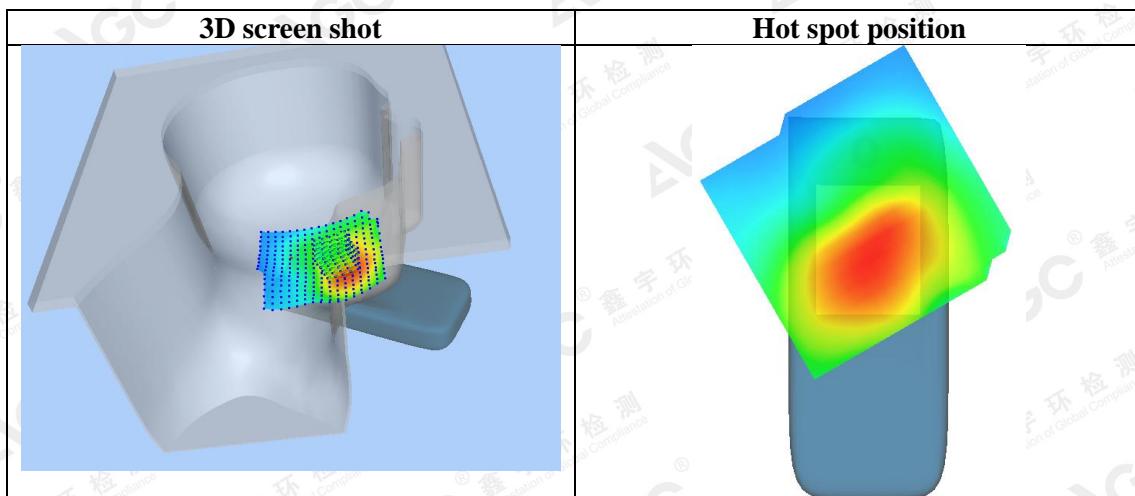
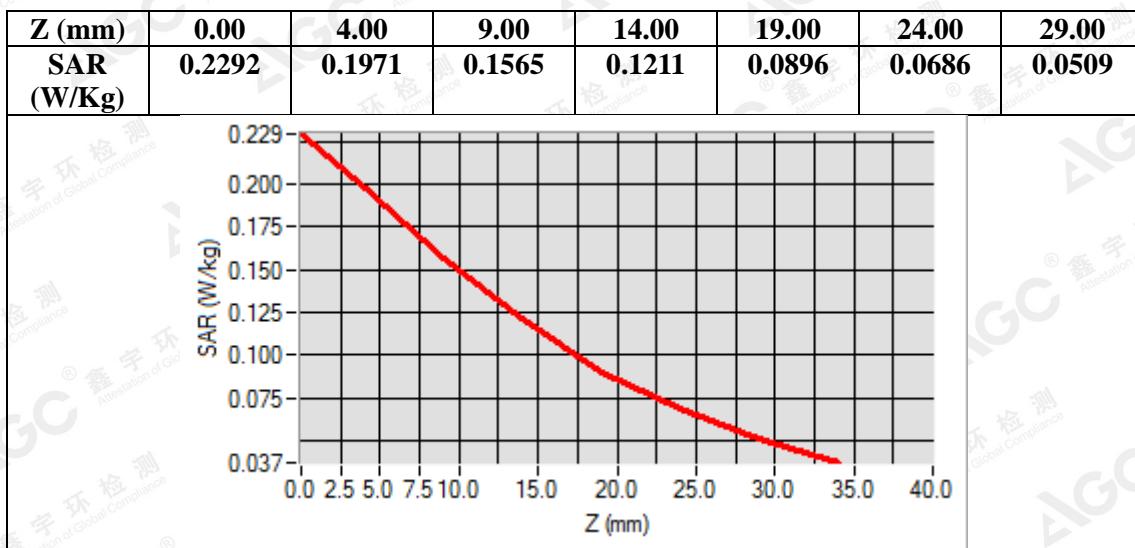
<b>SAR 10g (W/Kg)</b>	0.139284
<b>SAR 1g (W/Kg)</b>	0.188541

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Attestation of Global Compliance

**Test Laboratory: AGC Lab**  
**LTE Band V Mid-Body-Back (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 20,2018**

Communication System: LTE; Communication System Band: LTE Band V; Duty Cycle:1:1; Conv.F=1.81  
 Frequency:836.5 MHz; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.98 \text{ mho/m}$ ;  $\epsilon_r = 55.38$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Phantom section: Flat Section  
 Ambient temperature (°C): 22.0, Liquid temperature (°C): 21.5

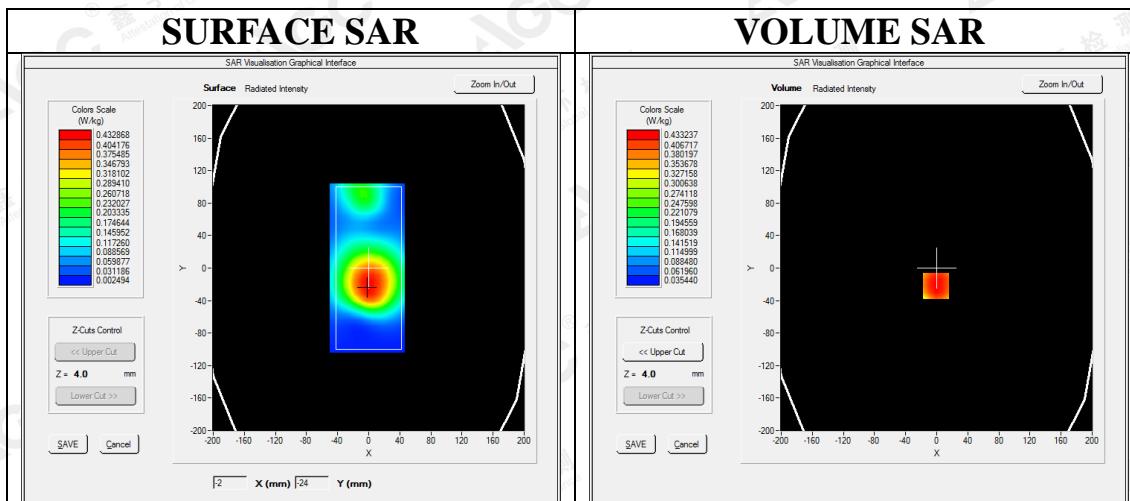
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band V Mid-Body-back/Area Scan:** Measurement grid: dx=8mm, dy=8mm

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

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



**Maximum location: X=-1.00, Y=-22.00**

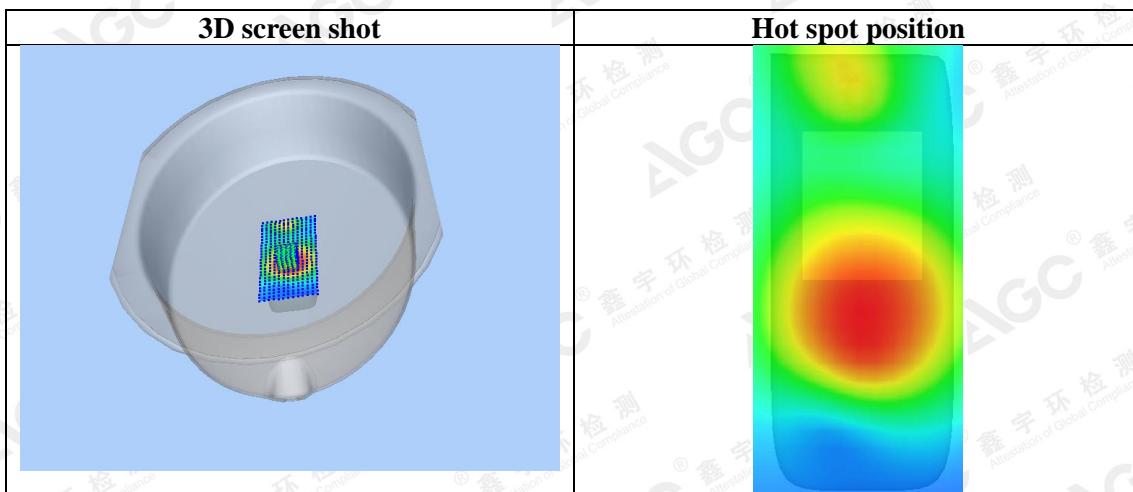
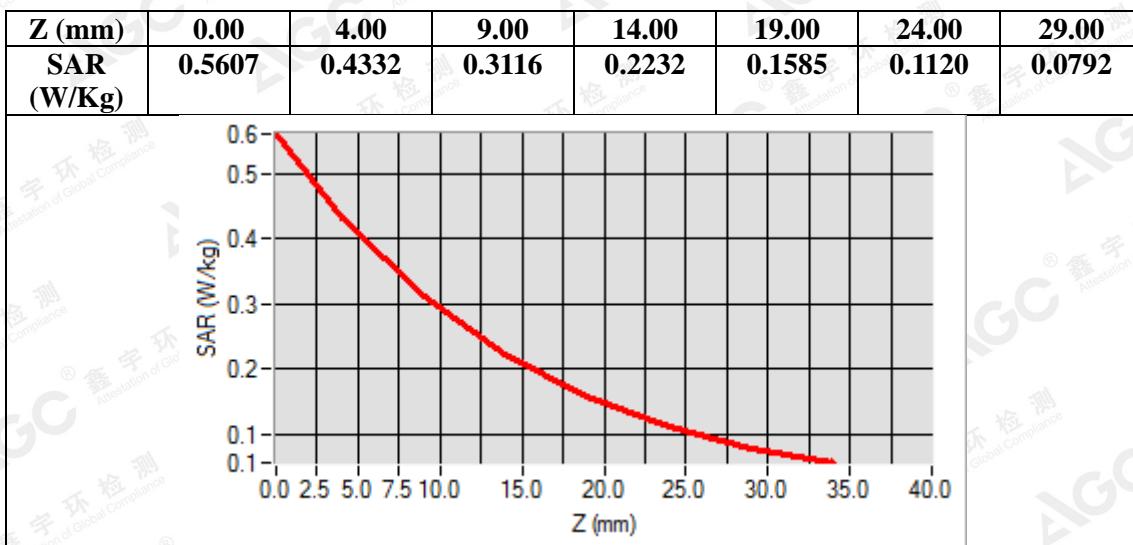
**SAR Peak: 0.57 W/kg**

<b>SAR 10g (W/Kg)</b>	0.295159
<b>SAR 1g (W/Kg)</b>	0.420625

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**Test Laboratory: AGC Lab**  
**LTE Band VII Mid-Touch-Left (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 4,2018**

Communication System: LTE; Communication System Band: LTE Band VII; Duty Cycle:1:1; Conv.F=2.40  
Frequency: 2535 MHz; Medium parameters used:  $f = 2600$  MHz;  $\sigma=1.9$  mho/m;  $\epsilon_r=39.01$ ;  $\rho= 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.9, Liquid temperature (°C): 21.3

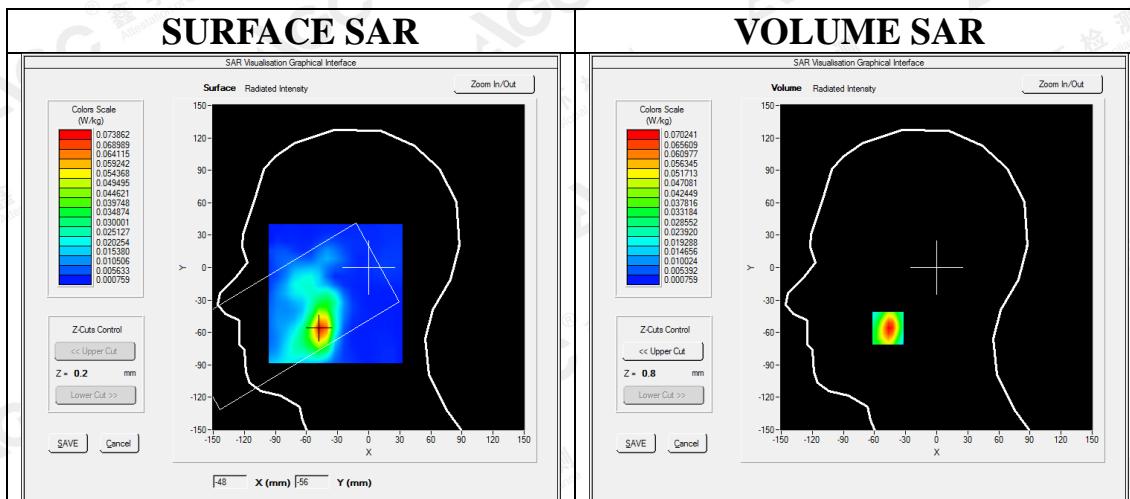
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band VII Mid- Touch-Left /Area Scan:** Measurement grid: dx=8mm, dy=8mm

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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Left head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE Band VII
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



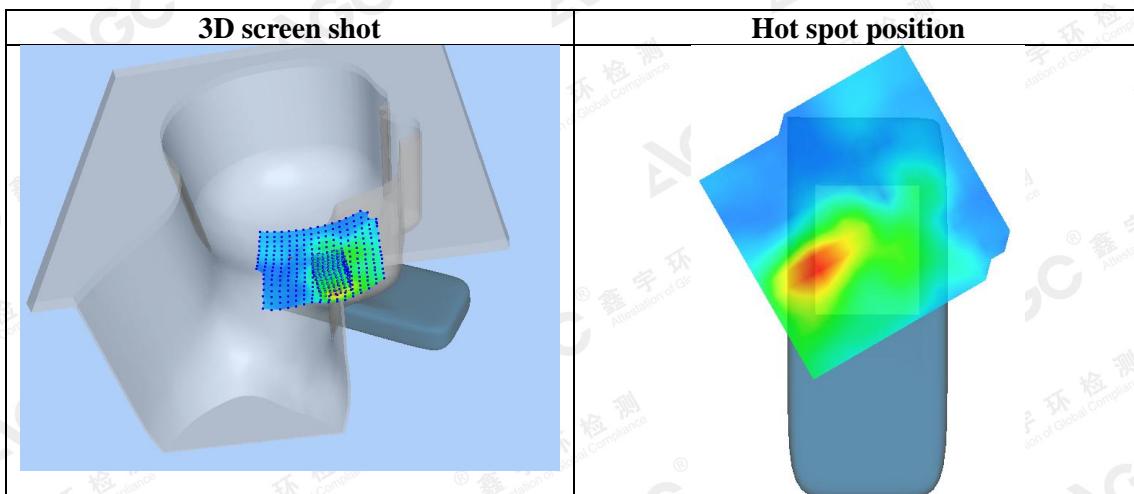
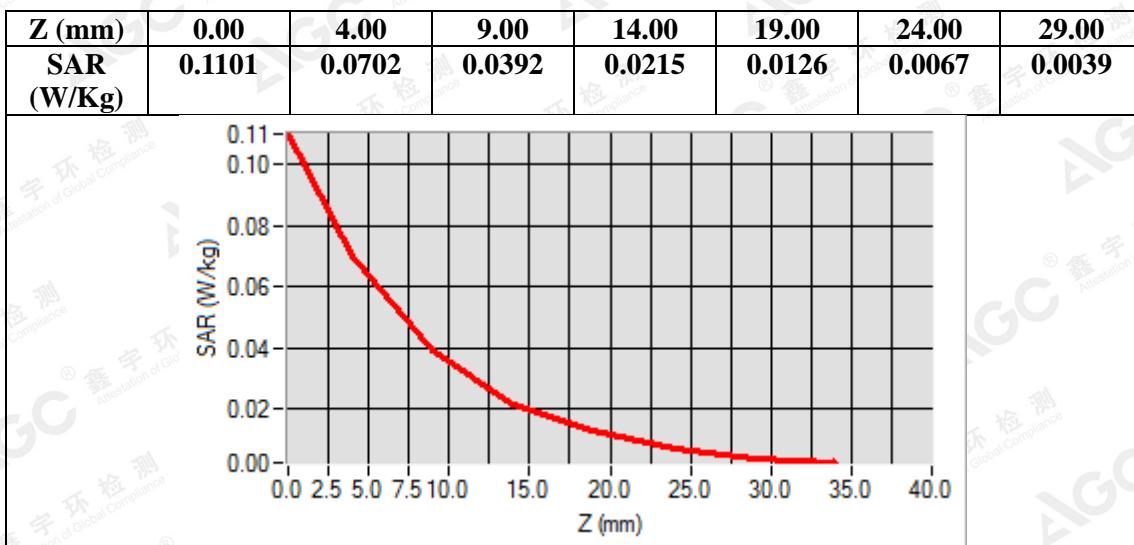
**Maximum location: X=-47.00, Y=-56.00**  
**SAR Peak: 0.11 W/kg**

<b>SAR 10g (W/Kg)</b>	0.031893
<b>SAR 1g (W/Kg)</b>	0.064944

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**Test Laboratory: AGC Lab**  
**LTE Band VII High-Edge3 (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 4,2018**

Communication System: LTE; Communication System Band: LTE Band VII; Duty Cycle:1:1; Conv.F=2.46;  
 Frequency: 2560 MHz; Medium parameters used:  $f = 2600 \text{ MHz}$ ;  $\sigma = 2.14 \text{ mho/m}$ ;  $\epsilon_r = 53.05$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Phantom section: Flat Section  
 Ambient temperature (°C): 21.9, Liquid temperature (°C): 21.5

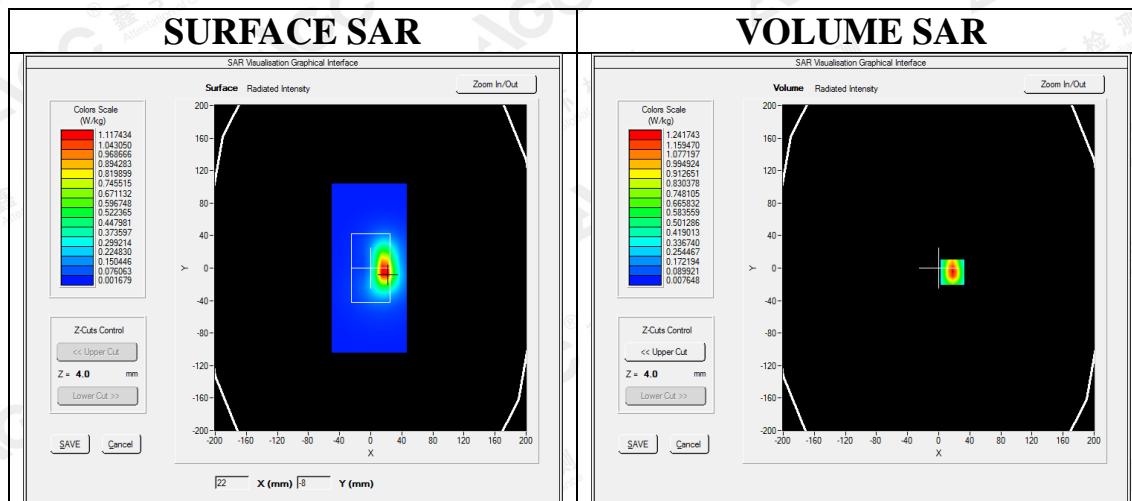
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band VII High- Edge3 /Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band VII High- Edge3 /Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band VII
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)



**Maximum location: X=18.00, Y=-5.00**

**SAR Peak: 1.96 W/kg**

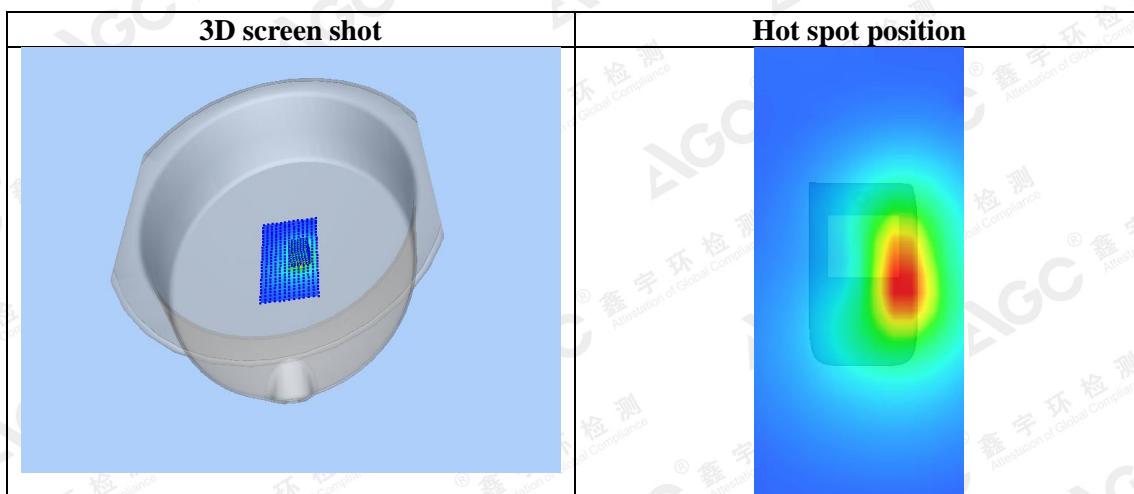
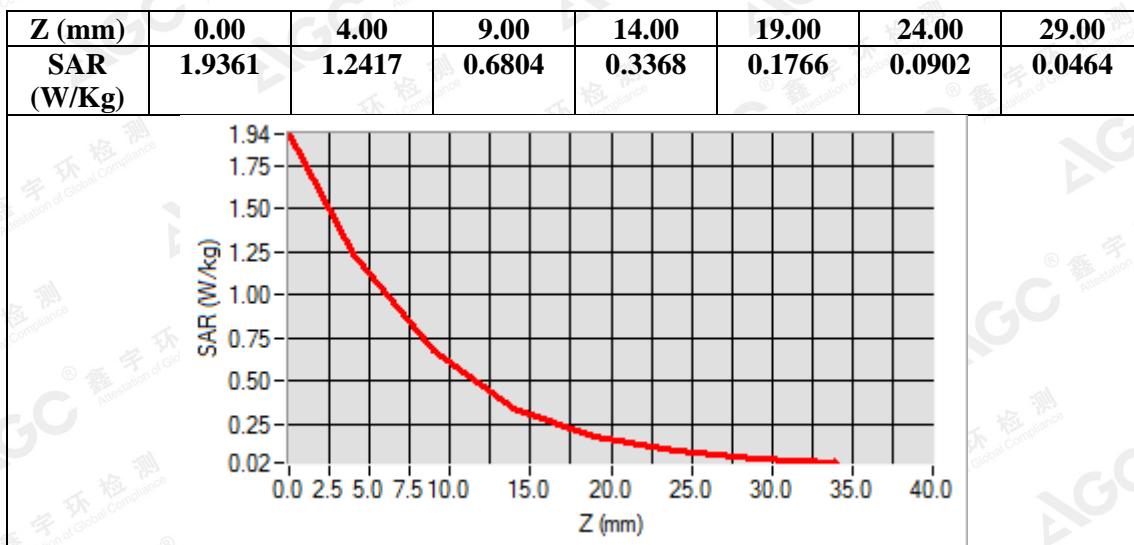
<b>SAR 10g (W/Kg)</b>	0.550748
<b>SAR 1g (W/Kg)</b>	1.125555

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**Test Laboratory: AGC Lab**  
**LTE Band XXV Mid-Touch-Right (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 16, 2018**

Communication System: LTE; Communication System Band: LTE Band XXV; Duty Cycle: 1:1; Conv.F=2.32 Frequency: 1882.5MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.40$  mho/m;  $\epsilon_r = 40.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section: Right Section  
Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.2

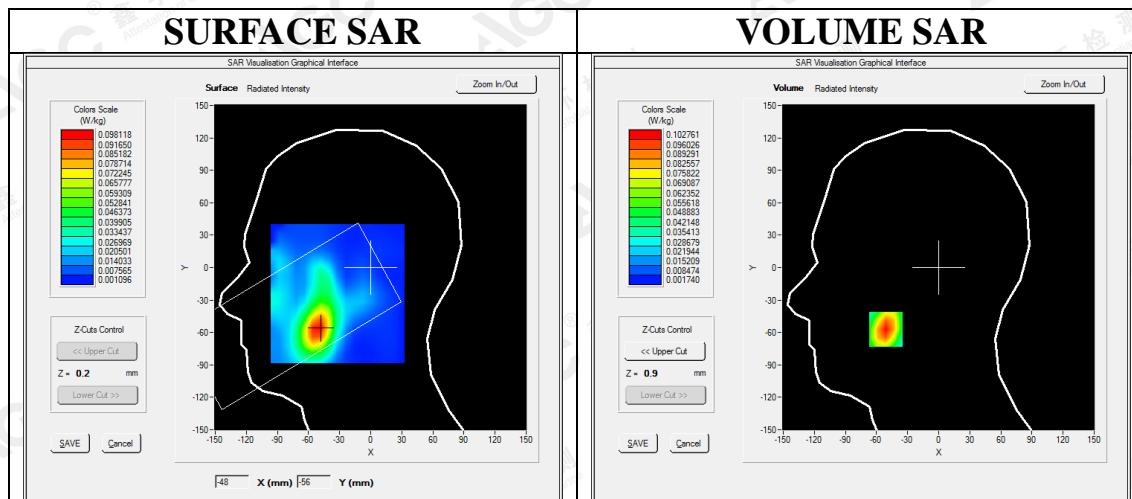
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band XXV Mid- Touch-Right /Area Scan:** Measurement grid: dx=8mm, dy=8mm

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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Right head
<b>Device Position</b>	Cheek
<b>Band</b>	LTE Band XXV
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



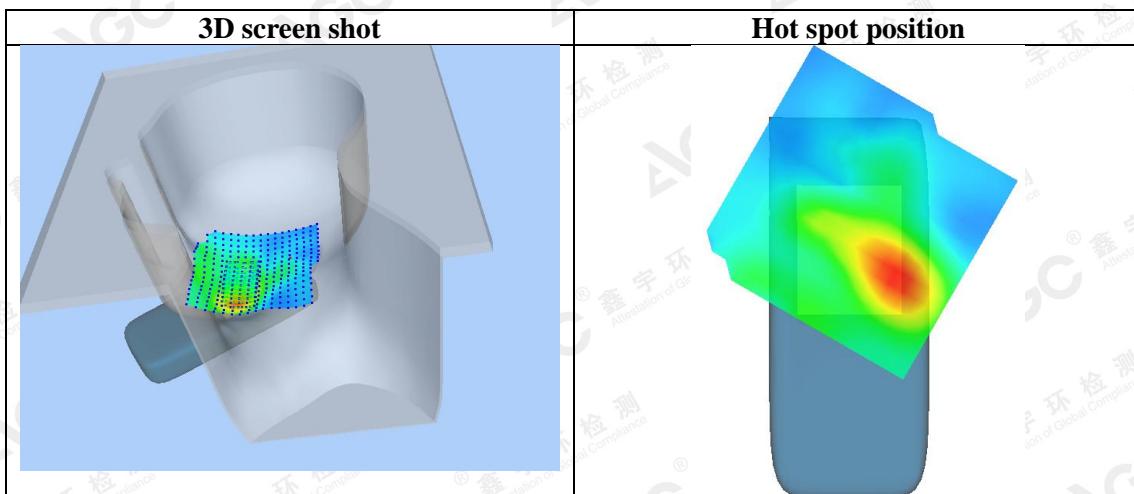
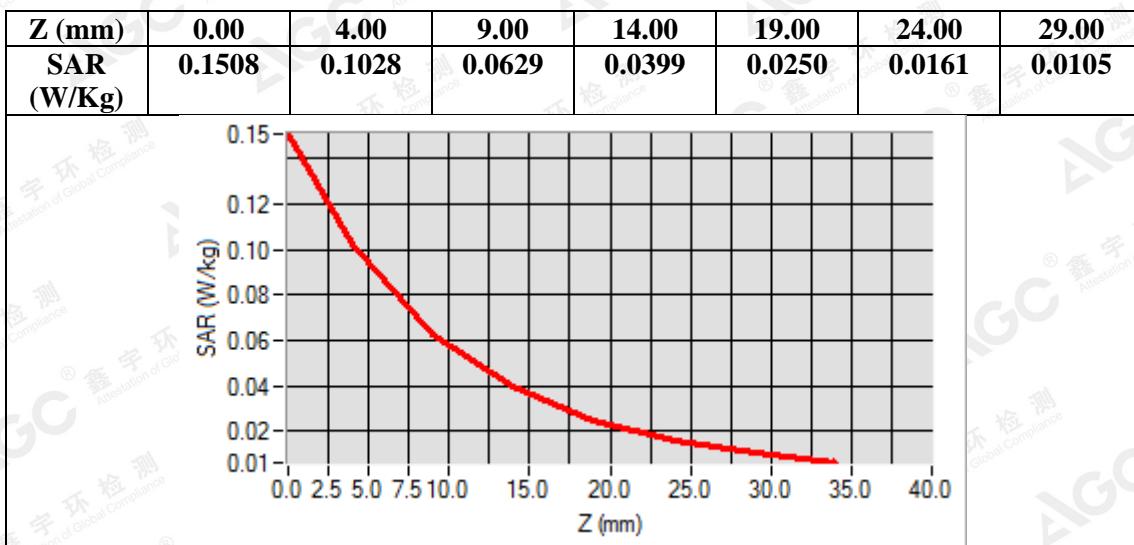
**Maximum location: X=-51.00, Y=-57.00**  
**SAR Peak: 0.15 W/kg**

<b>SAR 10g (W/Kg)</b>	0.055361
<b>SAR 1g (W/Kg)</b>	0.097081

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**Test Laboratory: AGC Lab**  
**LTE Band XXV Mid-Edge3 (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 16, 2018**

Communication System: LTE; Communication System Band: LTE Band XXV; Duty Cycle: 1:1; Conv.F=2.39;  
Frequency: 1882.5 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.50$  mho/m;  $\epsilon_r = 54.27$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.4

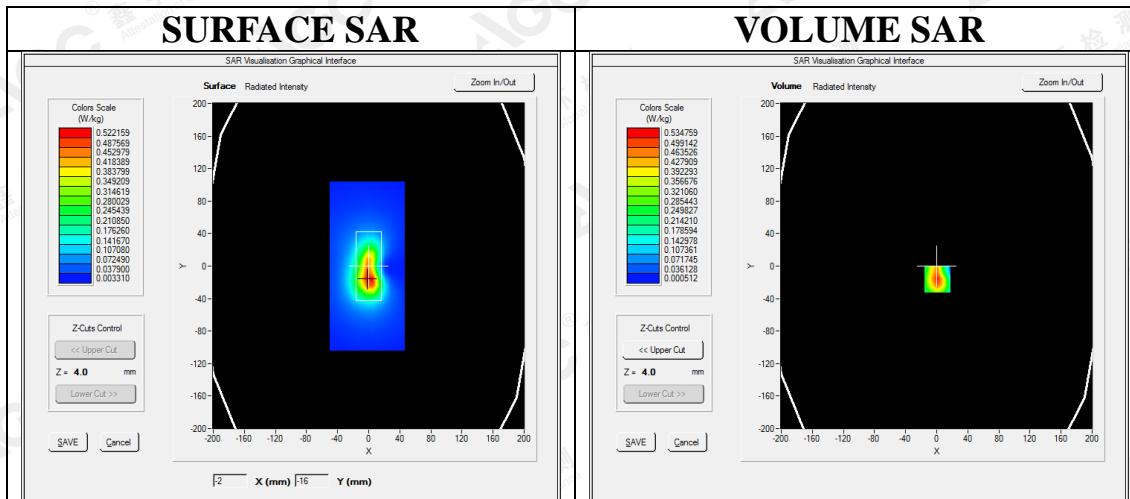
**SATIMO Configuration:**

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band XXV Mid- Edge3 /Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band XXV Mid- Edge3 /Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band XXV
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



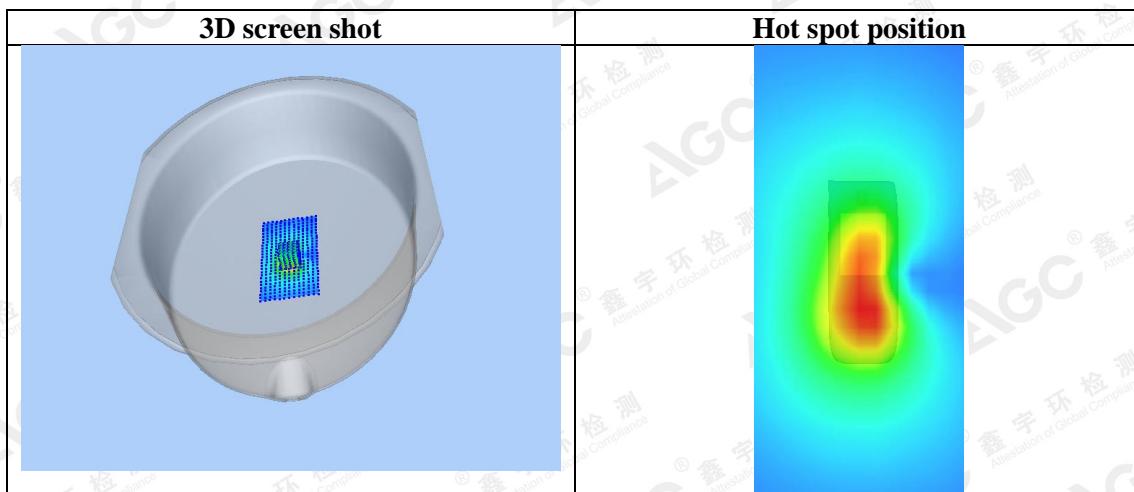
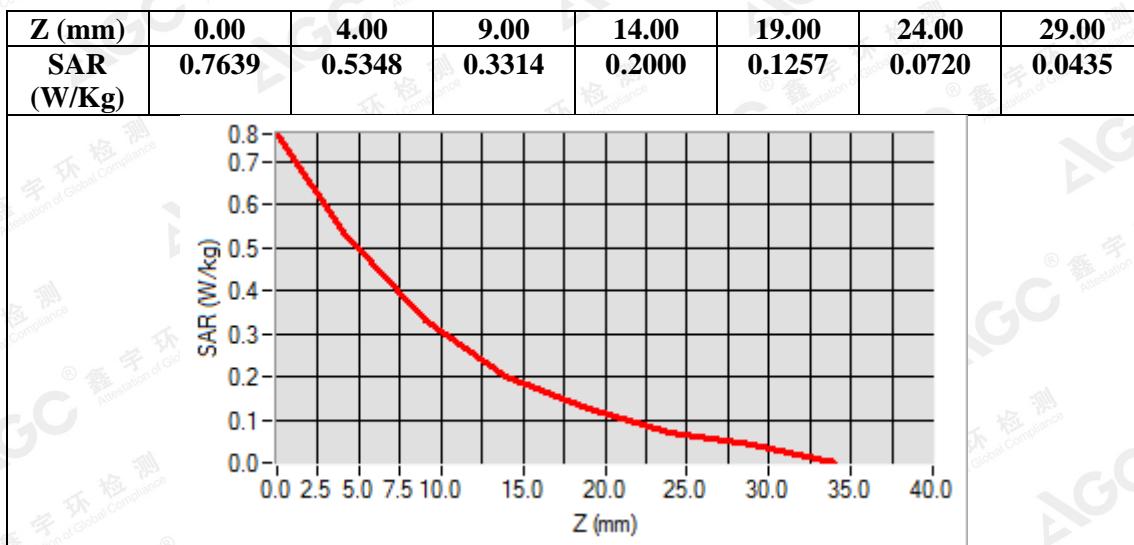
**Maximum location: X=1.00, Y=-16.00**

**SAR Peak: 0.76 W/kg**

<b>SAR 10g (W/Kg)</b>	0.273360
<b>SAR 1g (W/Kg)</b>	0.492557

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## WIFI MODE

Test Laboratory: AGC Lab

802.11b Mid-Tilt-Left

DUT: Handheld Fingerprint Terminal; Type: TPS360

Date: June 19, 2018

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.52;  
Frequency: 2437 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.77$  mho/m;  $\epsilon_r = 40.01$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 22.0, Liquid temperature (°C): 21.6

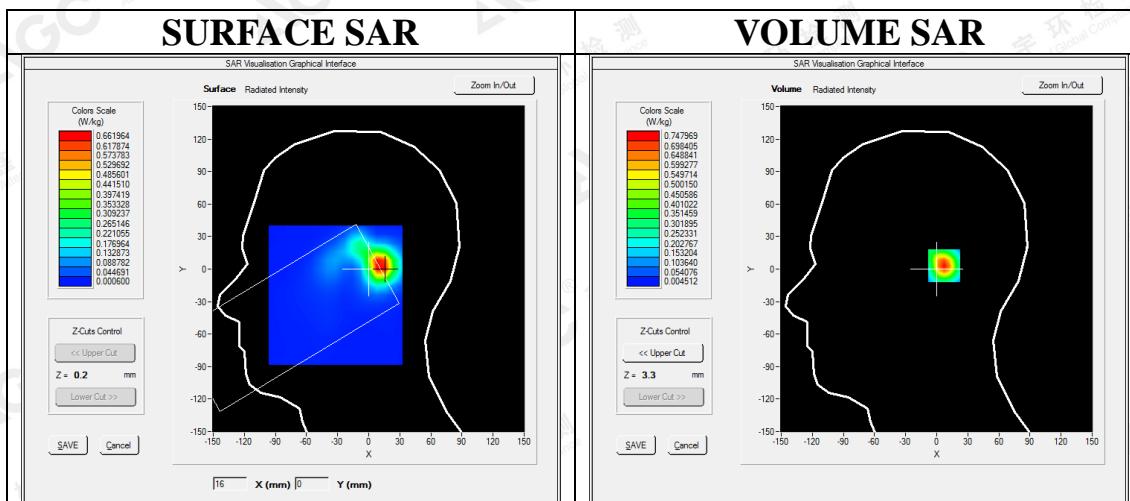
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4\_02\_32

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

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

<b>Area Scan</b>	sam_direct_droit2_surf8mm.txt
<b>ZoomScan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	Left head
<b>Device Position</b>	Tilt
<b>Band</b>	2450MHz
<b>Channels</b>	Middle
<b>Signal</b>	Crest factor: 1.0



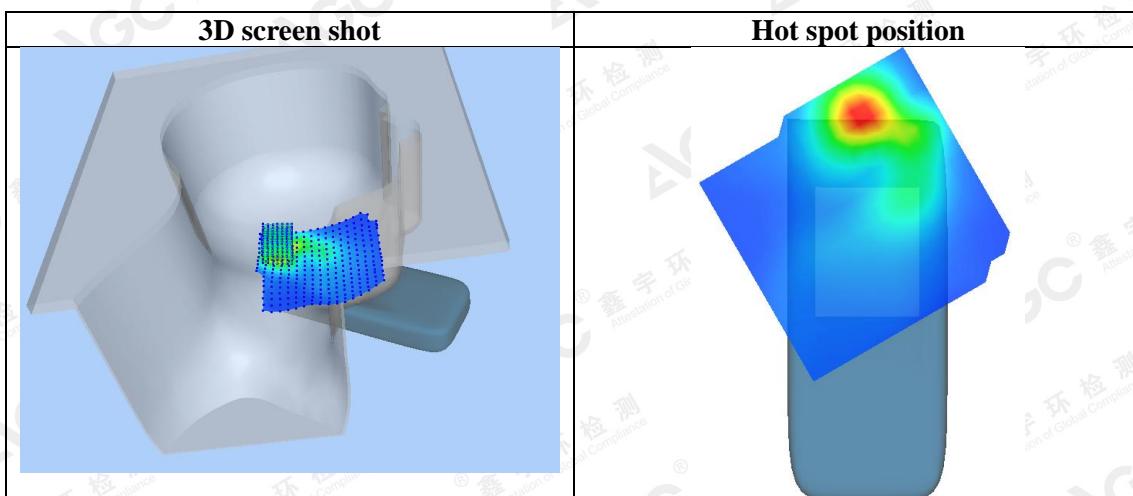
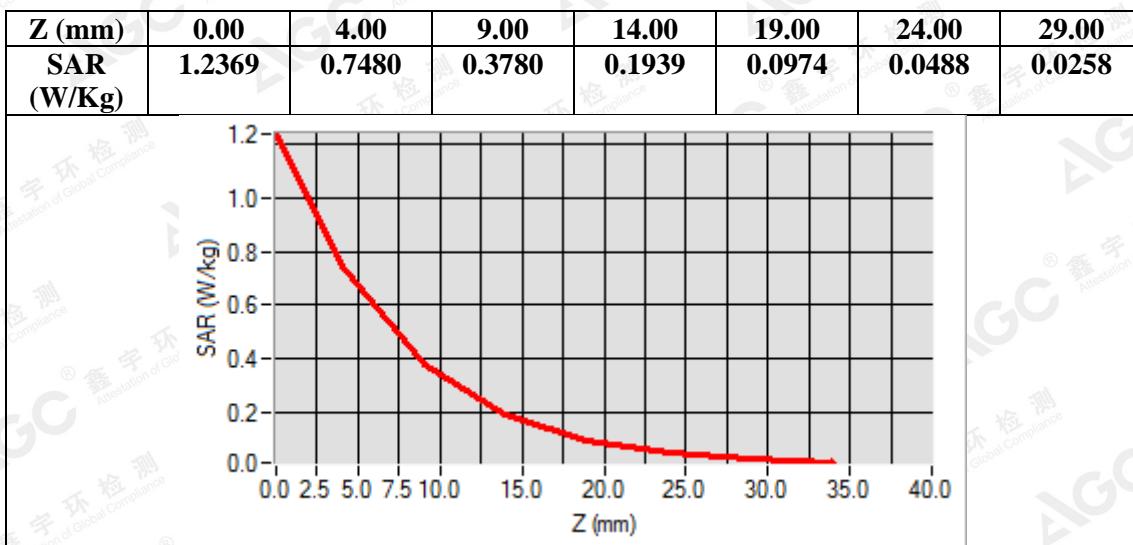
**Maximum location: X=12.00, Y=3.00**

**SAR Peak: 1.23 W/kg**

<b>SAR 10g (W/Kg)</b>	0.313166
<b>SAR 1g (W/Kg)</b>	0.675689

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**Test Laboratory: AGC Lab**  
**802.11b Mid-Edge1**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 19,2018**

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.58;  
 Frequency: 2437 MHz; Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.90 \text{ mho/m}$ ;  $\epsilon_r = 53.67$ ;  $\rho = 1000 \text{ kg/m}^3$ ;  
 Phantom section: Flat Section  
 Ambient temperature (°C): 22.0, Liquid temperature (°C): 21.7

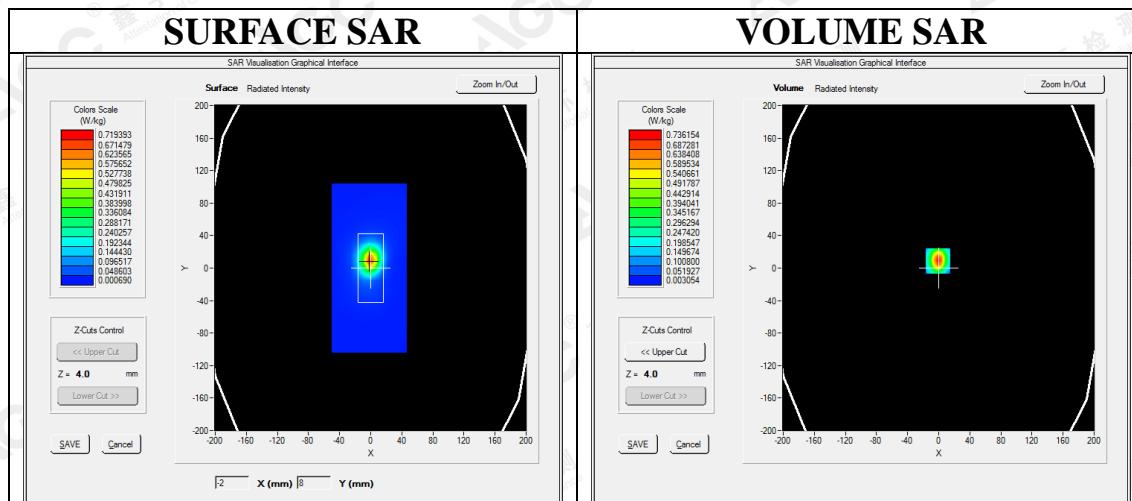
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/802.11b Mid- Edge1 /Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/802.11b Mid- Edge1 /Zoom Scan:** Measurement grid: dx=5mm,dy=5mm, dz=5mm;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>ZoomScan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge1
<b>Band</b>	2450MHz
<b>Channels</b>	Middle
<b>Signal</b>	Crest factor: 1.0



**Maximum location: X=-1.00, Y=9.00**  
**SAR Peak: 1.23 W/kg**

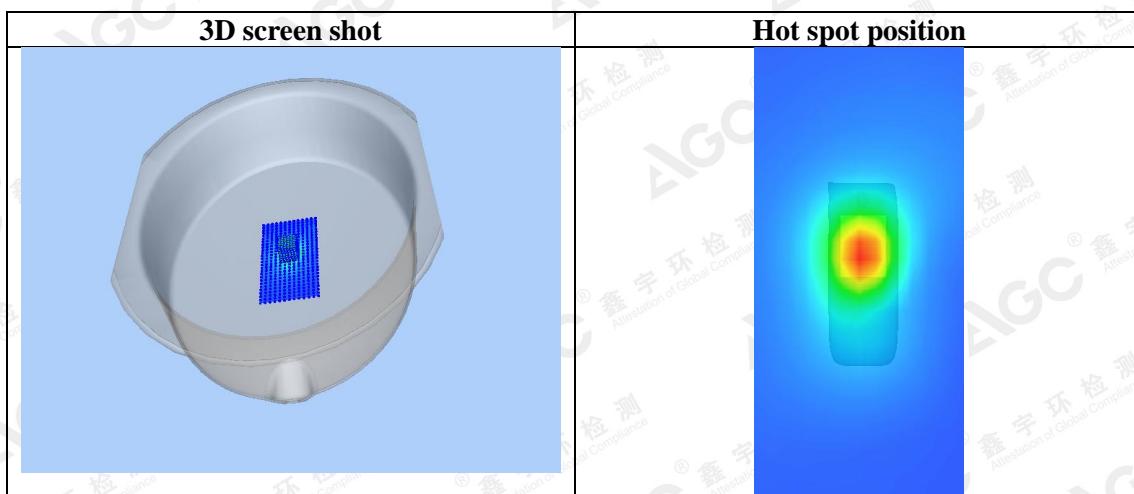
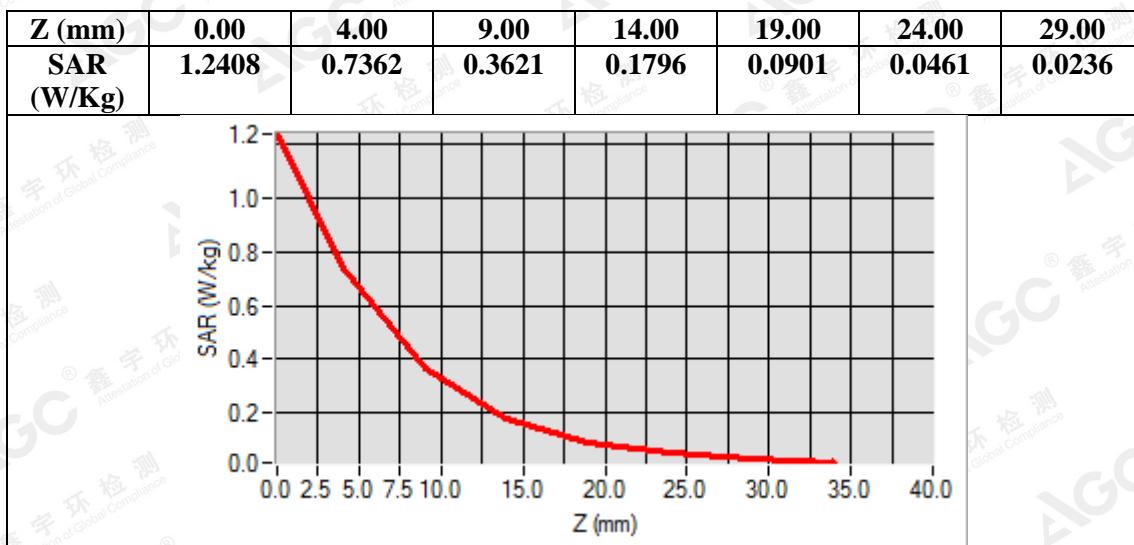
<b>SAR 10g (W/Kg)</b>	0.298867
<b>SAR 1g (W/Kg)</b>	0.663606

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**Repeated SAR**

**Test Laboratory: AGC Lab**

**LTE Band IV Mid-Edge3(1 RB#0)**

**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 02,2018**

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=2.07;  
Frequency:1732.5 MHz; Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 53.77$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.5

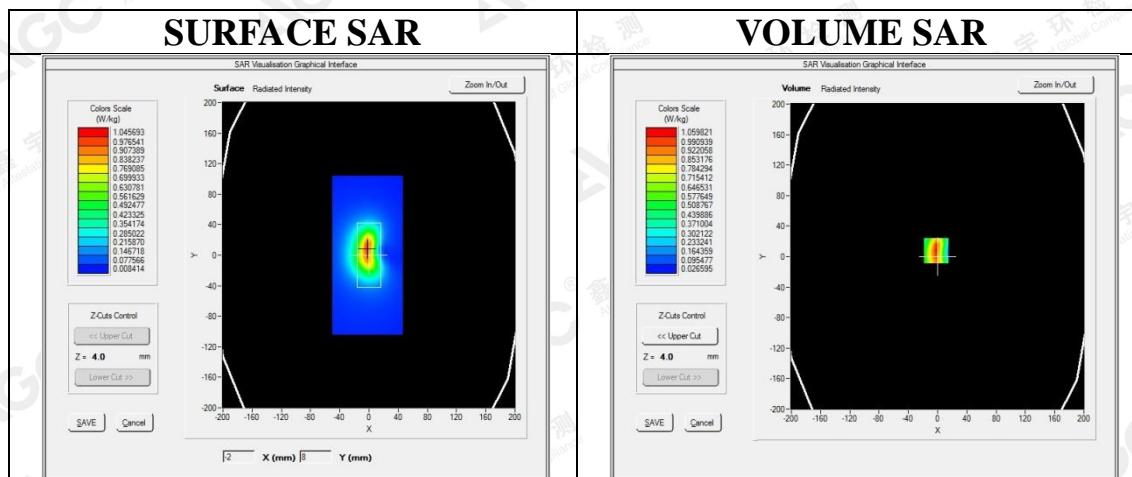
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_35

**Configuration/ LTE Band IV Mid- Edge3/Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band IV Mid- Edge3/Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band IV
<b>Channels</b>	Middle
<b>Signal</b>	OFDM (Crest factor: 1.0)



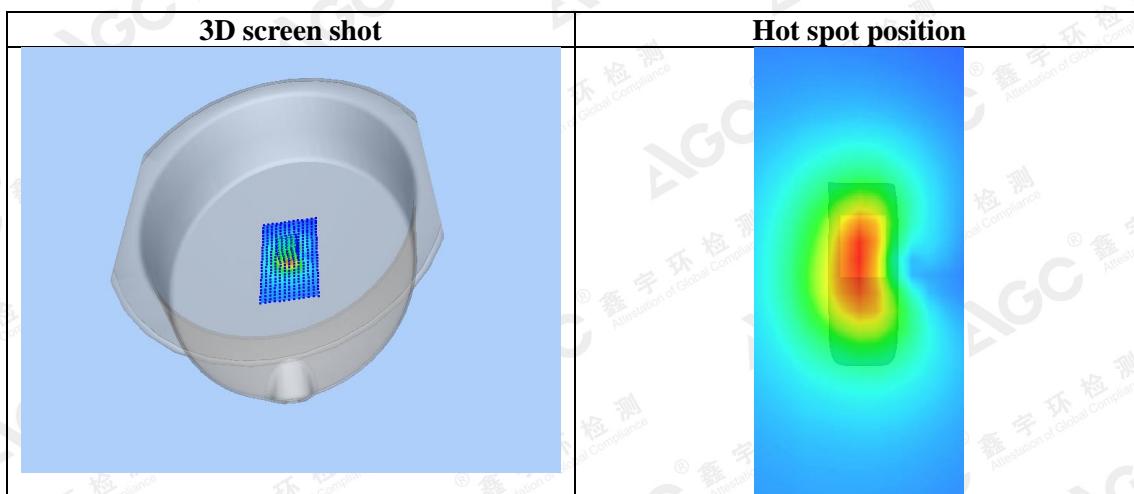
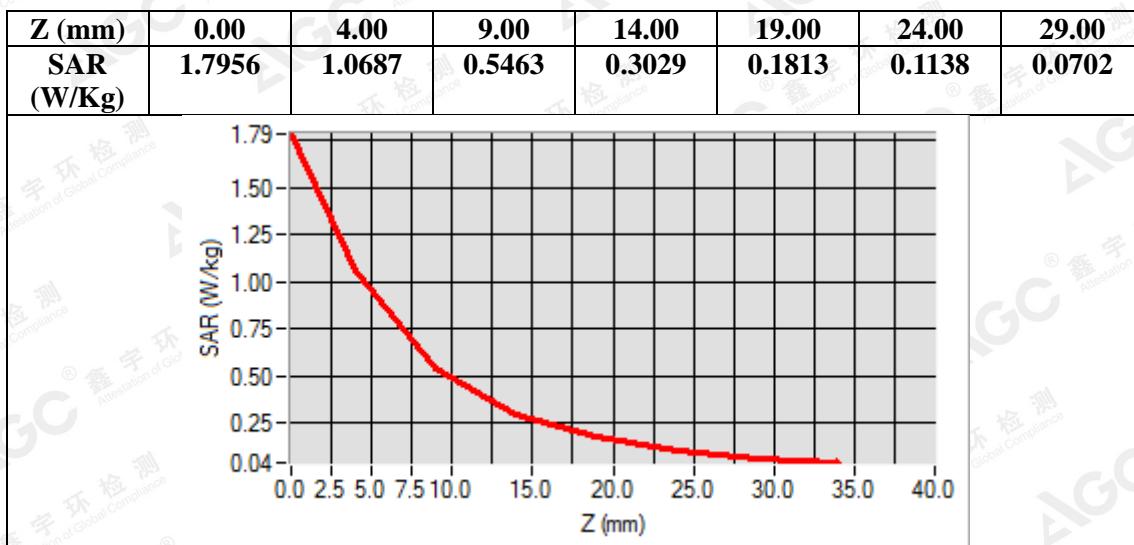
**Maximum location: X=-2.00, Y=8.00**

**SAR Peak: 1.79 W/kg**

<b>SAR 10g (W/Kg)</b>	0.510249
<b>SAR 1g (W/Kg)</b>	1.006952

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**Test Laboratory: AGC Lab**  
**LTE Band VII High-Edge3 (1 RB#0)**  
**DUT: Handheld Fingerprint Terminal; Type: TPS360**

**Date: June 4,2018**

Communication System: LTE; Communication System Band: LTE Band VII; Duty Cycle:1:1; Conv.F=2.46;  
Frequency: 2560 MHz; Medium parameters used:  $f = 2600 \text{ MHz}$ ;  $\sigma = 2.14 \text{ mho/m}$ ;  $\epsilon_r = 53.05$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.9, Liquid temperature (°C): 21.5

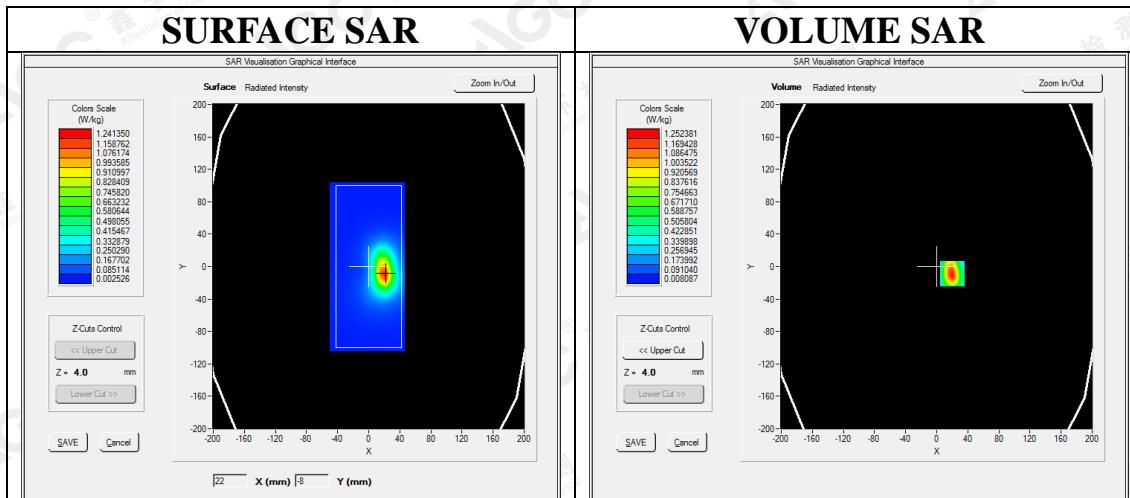
SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4\_02\_32

**Configuration/ LTE Band VII High- Edge3 /Area Scan:** Measurement grid: dx=8mm, dy=8mm

**Configuration/ LTE Band VII High- Edge3 /Zoom Scan:** Measurement grid: dx=8mm,dy=8mm, dz=5m;

<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>Zoom Scan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	ELLI
<b>Device Position</b>	Edge3
<b>Band</b>	LTE Band VII
<b>Channels</b>	High
<b>Signal</b>	OFDM (Crest factor: 1.0)



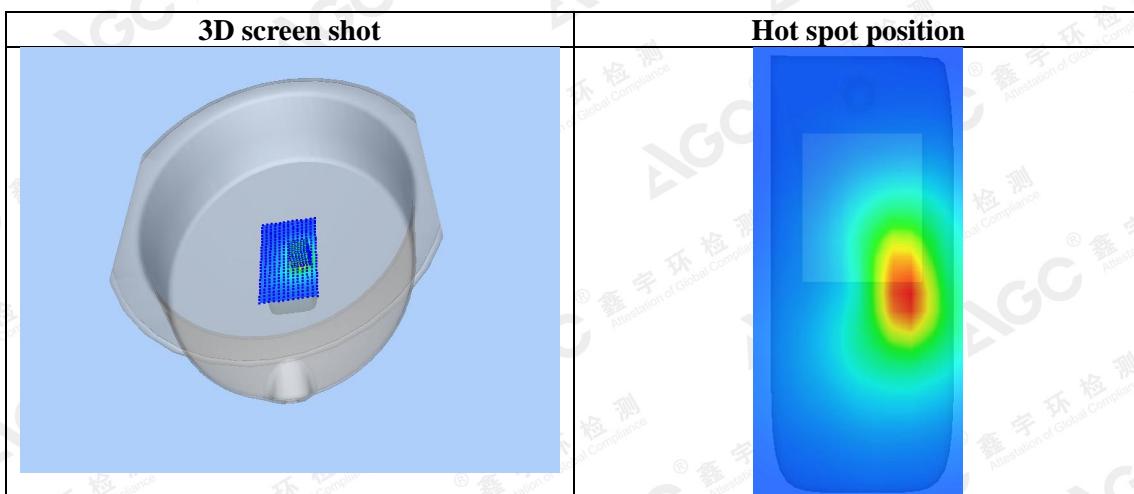
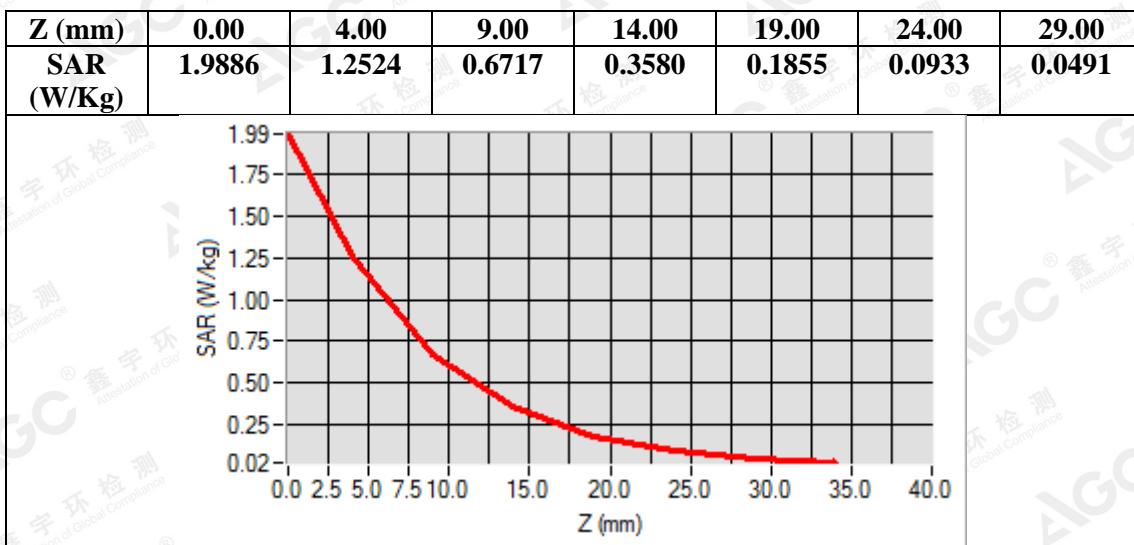
**Maximum location: X=20.00, Y=-9.00**  
**SAR Peak: 2.00 W/kg**

<b>SAR 10g (W/Kg)</b>	0.558130
<b>SAR 1g (W/Kg)</b>	1.145154

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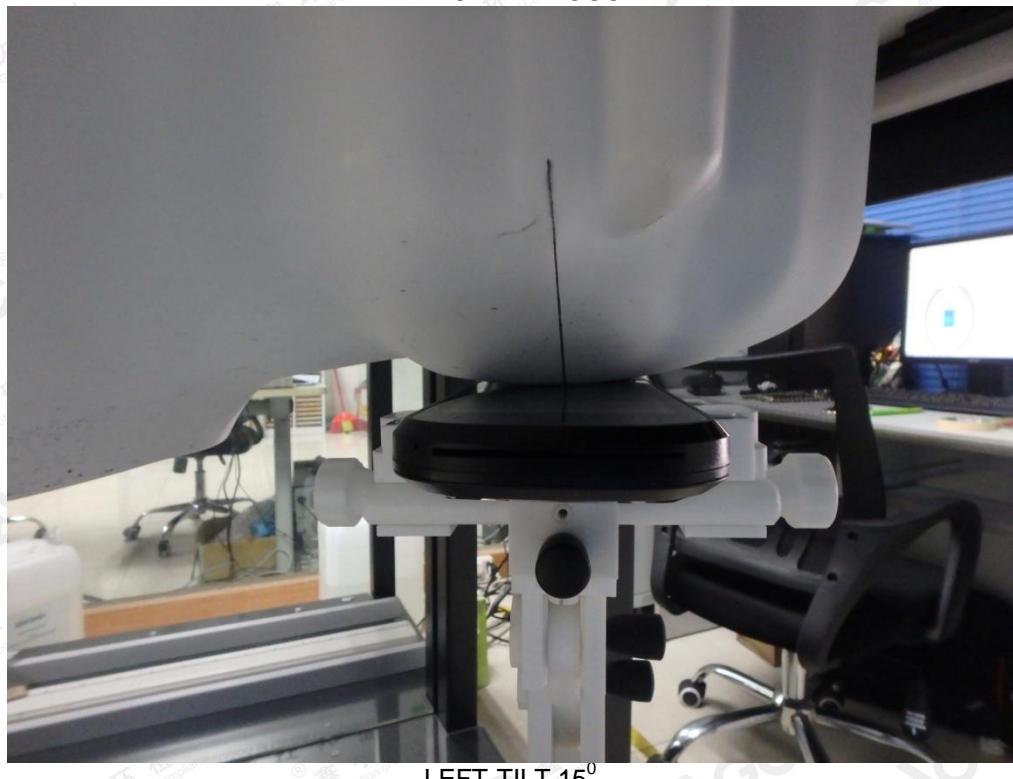


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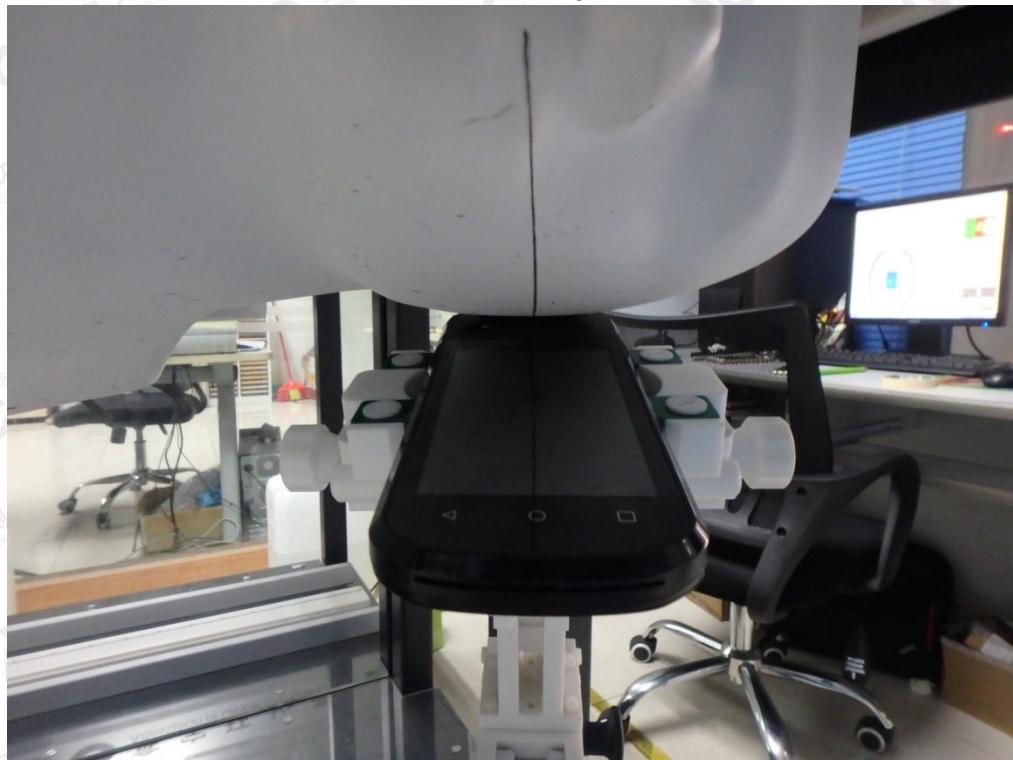
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## APPENDIX C. TEST SETUP PHOTOGRAPHS

### Test Setup Photographs LEFT-CHEEK TOUCH



LEFT-TILT 15°



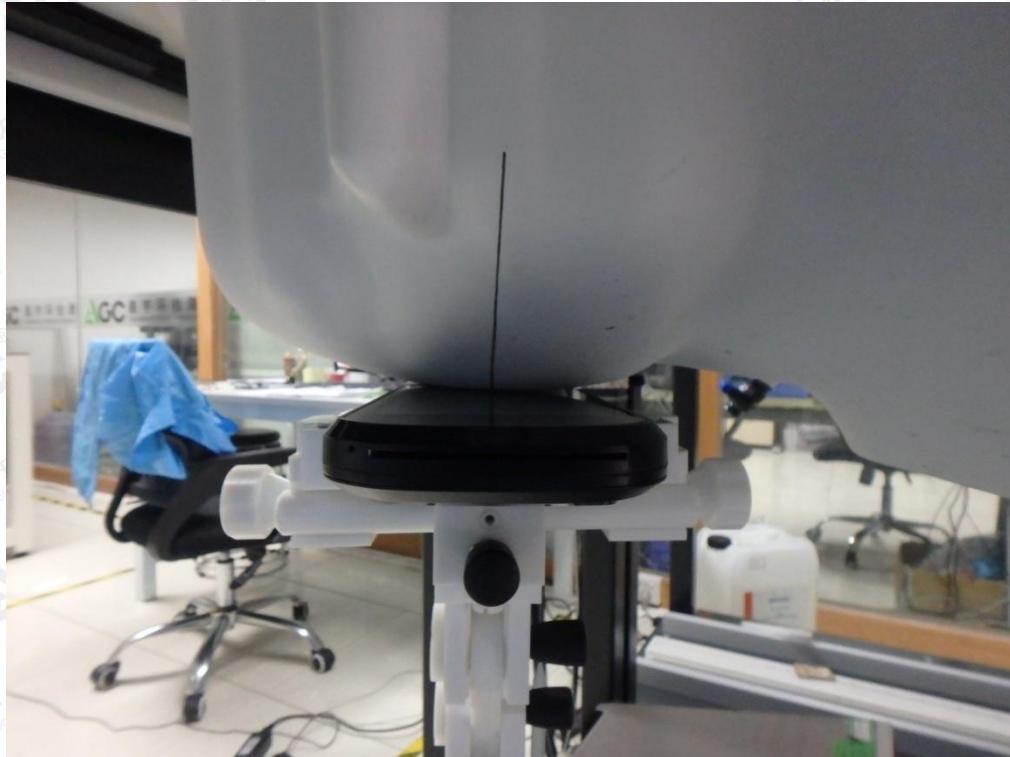
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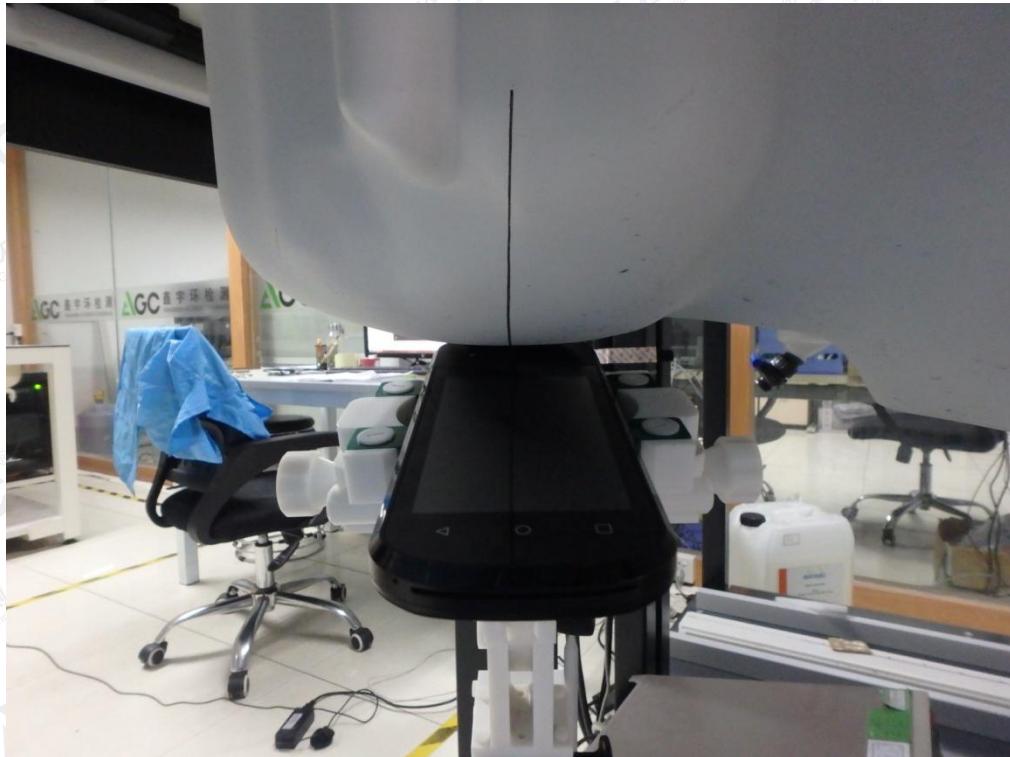
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RIGHT- CHEEK TOUCH



RIGHT-TILT 15°



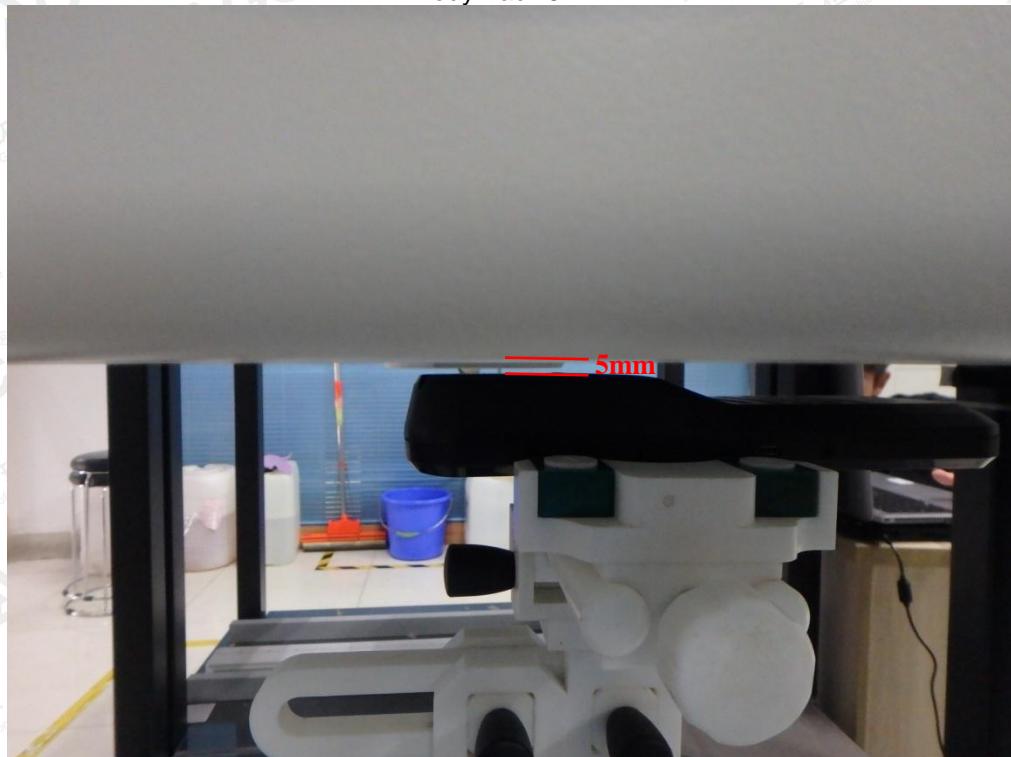
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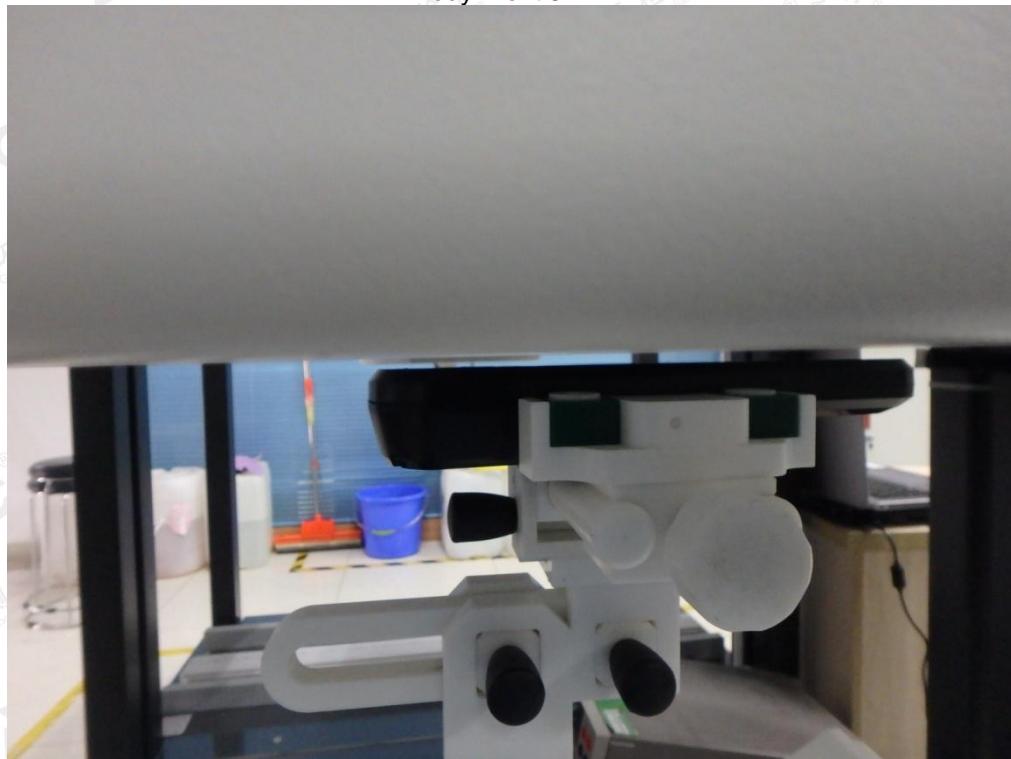
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Body Back 5mm



Body Front 5mm



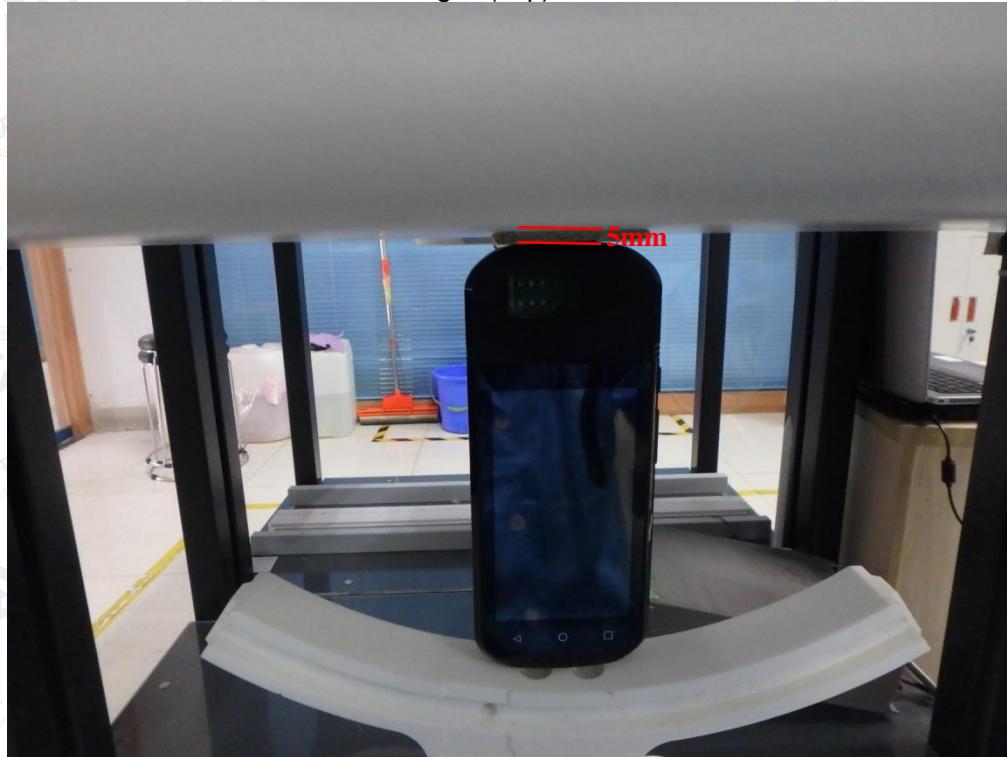
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Edge 1(Top) 5mm



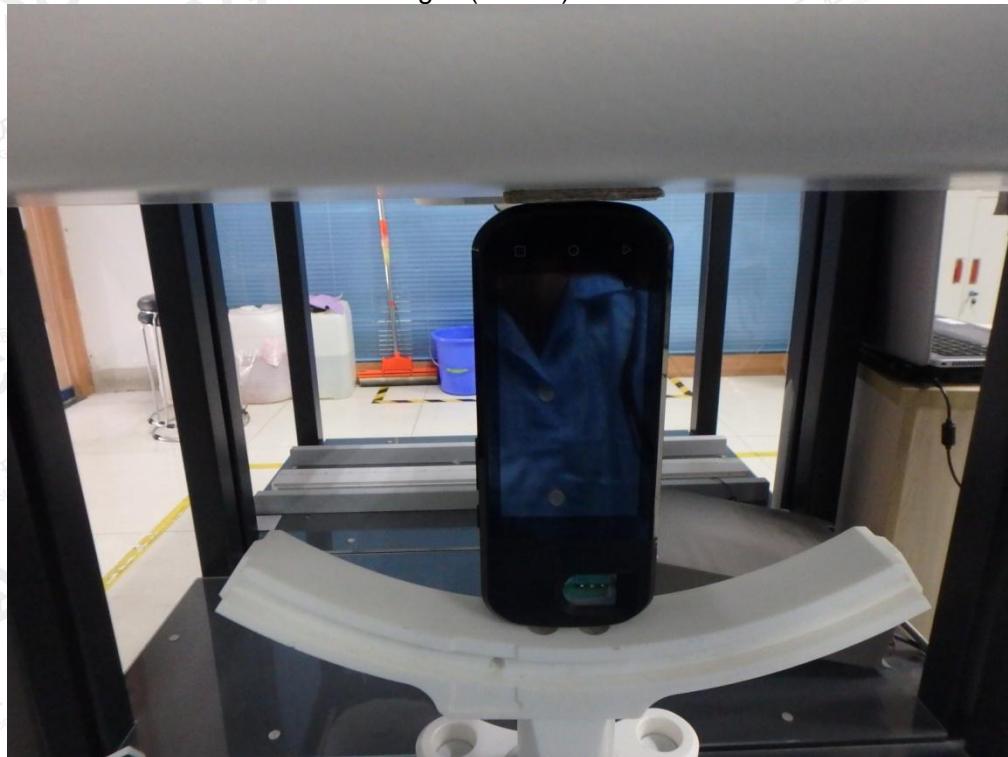
Edge 2(Right) 5mm



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Edge 3(Bottom) 5mm



Edge 4(Left) 5mm



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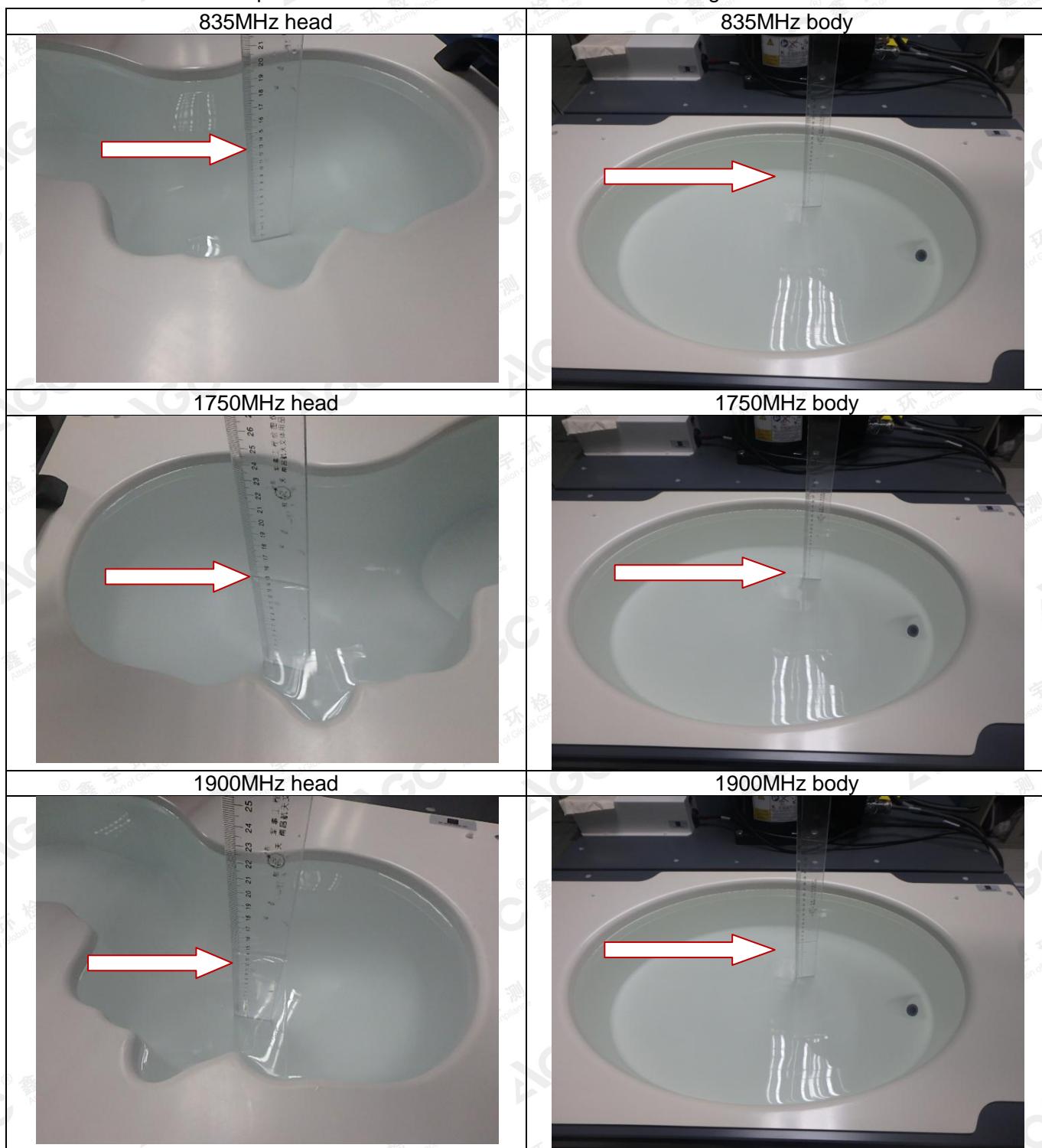


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### DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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

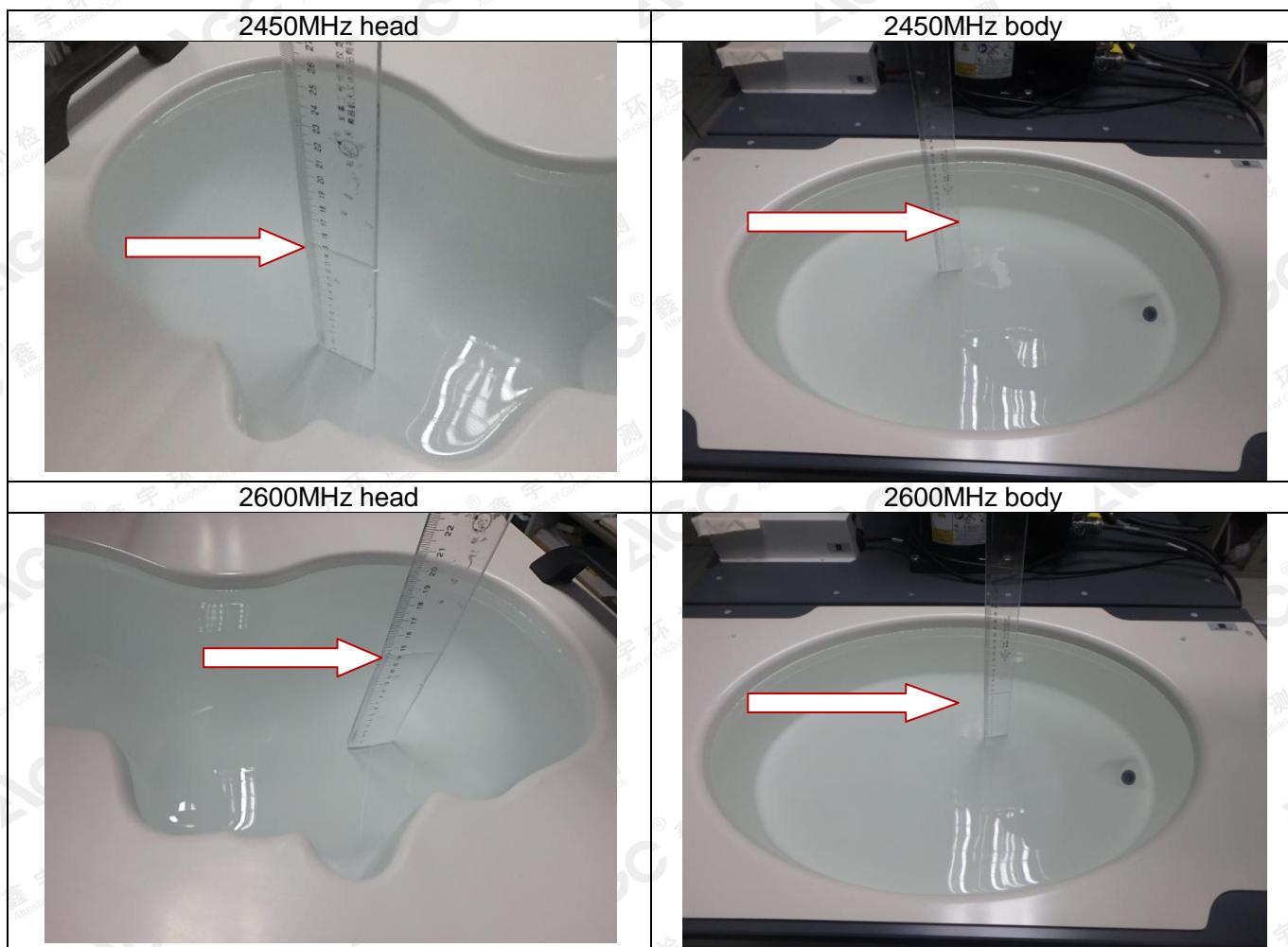


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## APPENDIX D. CALIBRATION DATA

Refer to Attached files.



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