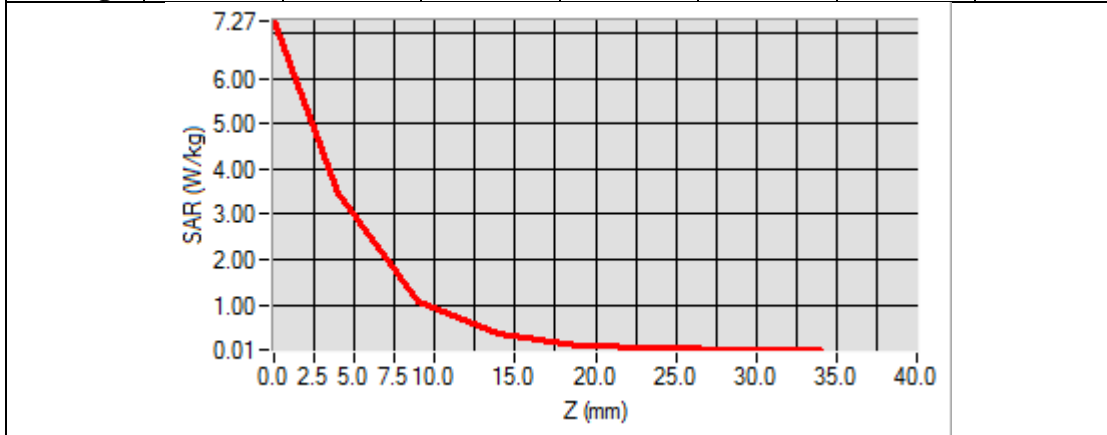


Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	7.2774	3.4863	1.0825	0.3474	0.1165	0.0413	0.0136



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
System Check Head 2600MHz

Date: May 26,2020

DUT: Dipole 2600 MHz; Type: SID 2600

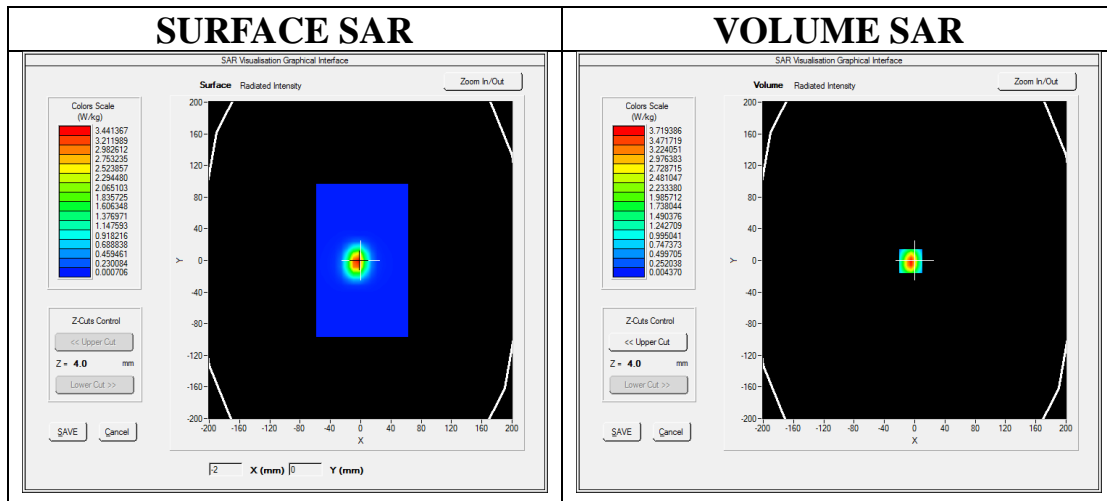
Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1; Conv.F=3.77
Frequency:2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.19$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/System Check 2600 Head/Area Scan: Measurement grid: dx=8mm,dy=8mm

Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

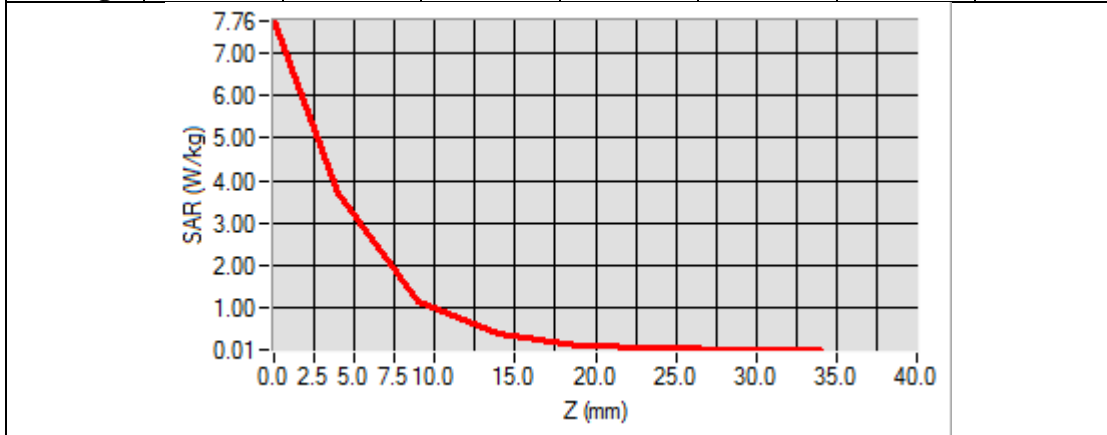


Maximum location: X=-5.00, Y=-1.00

SAR Peak: 7.59 W/kg

SAR 10g (W/Kg)	1.428126
SAR 1g (W/Kg)	3.487438

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	7.7672	3.7168	1.1519	0.3754	0.1238	0.0441	0.0162



3D screen shot	Hot spot position
<p>A 3D perspective view of a white, shallow bowl. A blue grid is overlaid on the bottom surface of the bowl, indicating the location of the hot spot.</p>	<p>A 2D heatmap showing a central hot spot. The hot spot is represented by a red and yellow core, surrounded by a green ring, all set against a blue background. This indicates the highest SAR values are concentrated in the center of the bowl's base.</p>

APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab

Date: May 25,2020

GSM 850 Low-Touch-Right <SIM 1>

DUT: Mara Phones X1; Type: Mara Phones X1

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.05; Frequency: 824.2 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.89$; $\rho = 1000$ kg/m³ ; Phantom section: Right Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

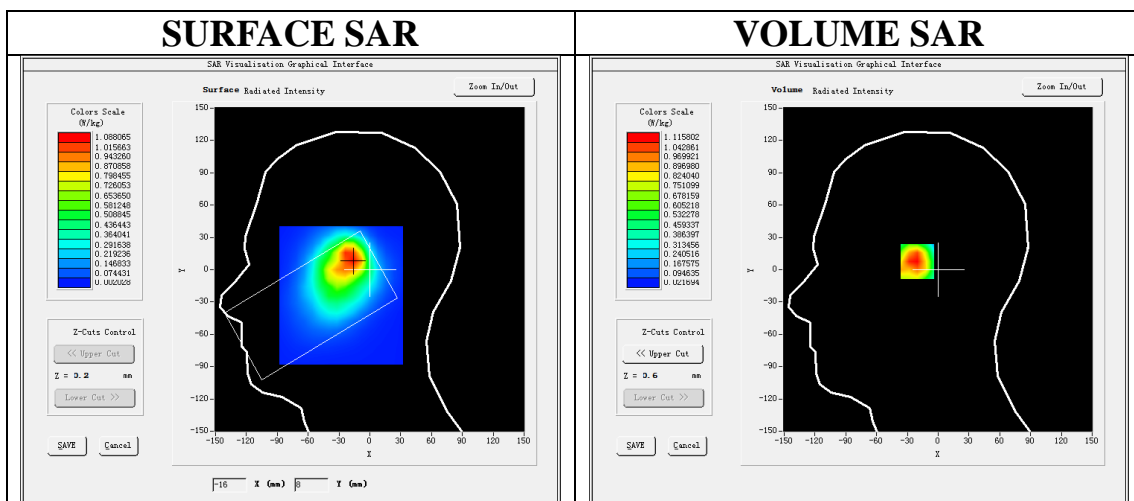
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 Low-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/GSM 850 Low-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	GSM 850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

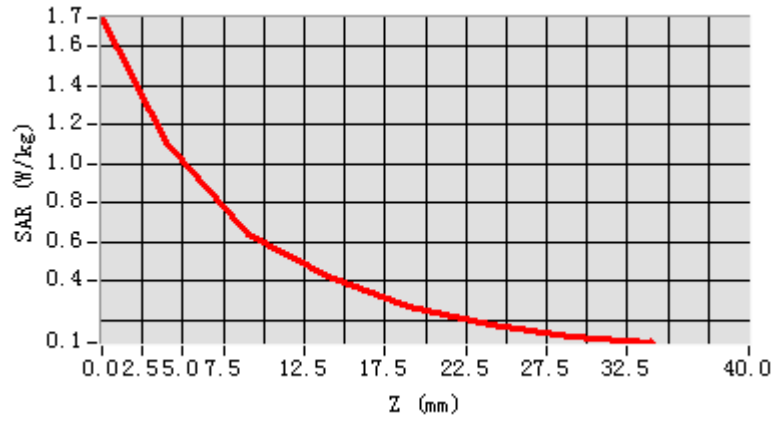


Maximum location: X=-17.00, Y=9.00

SAR Peak: 1.73 W/kg

SAR 10g (W/Kg)	0.653505
SAR 1g (W/Kg)	1.087560

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.7470	1.1158	0.6415	0.4262	0.2701	0.1767	0.1172



3D screen shot	Hot spot position
<p>A 3D rendering of a human head model. A small rectangular area on the ear is highlighted with a color-coded heatmap, showing a concentration of high SAR values (red/yellow) in the center, transitioning to lower values (green/blue) towards the edges.</p>	<p>A close-up 3D view of the hot spot area on the ear. The heatmap is more detailed, showing a central red core surrounded by yellow, green, and blue regions, indicating the spatial distribution of SAR values.</p>

Test Laboratory: AGC Lab
GSM 850 High- Touch-Right <SIM 1>
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 25,2020

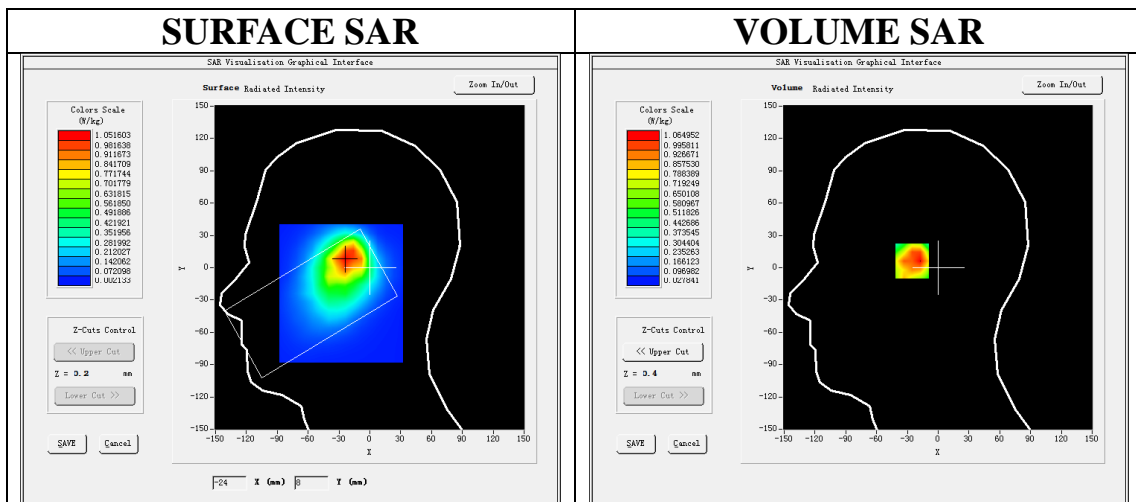
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.05;
Frequency: 848.8 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon r = 40.10$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 High-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 High-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

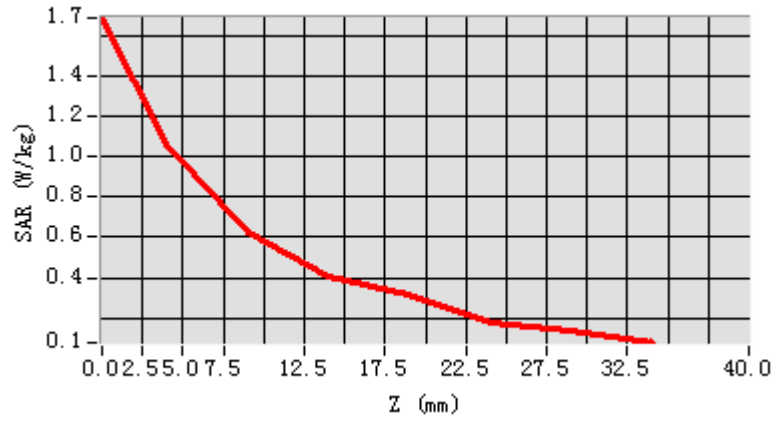
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM 850
Channels	High
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-23.00, Y=8.00
SAR Peak: 1.56 W/kg

SAR 10g (W/Kg)	0.613060
SAR 1g (W/Kg)	0.988309

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6863	1.0650	0.6262	0.4019	0.3184	0.1788	0.1414



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, bowl-shaped device. A small rectangular area on the inner surface is highlighted with a color-coded heatmap, showing a concentration of high SAR values (red and yellow) in the center, transitioning to lower values (green and blue) towards the edges.</p>	<p>A close-up 3D view of the hot spot area. The heatmap is more prominent, showing a central red core surrounded by yellow and green, all set against a blue background. The device's geometry is visible around the hot spot.</p>

Test Laboratory: AGC Lab
GSM 850 Mid- Body- Front (MS) <SIM 1>
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 25,2020

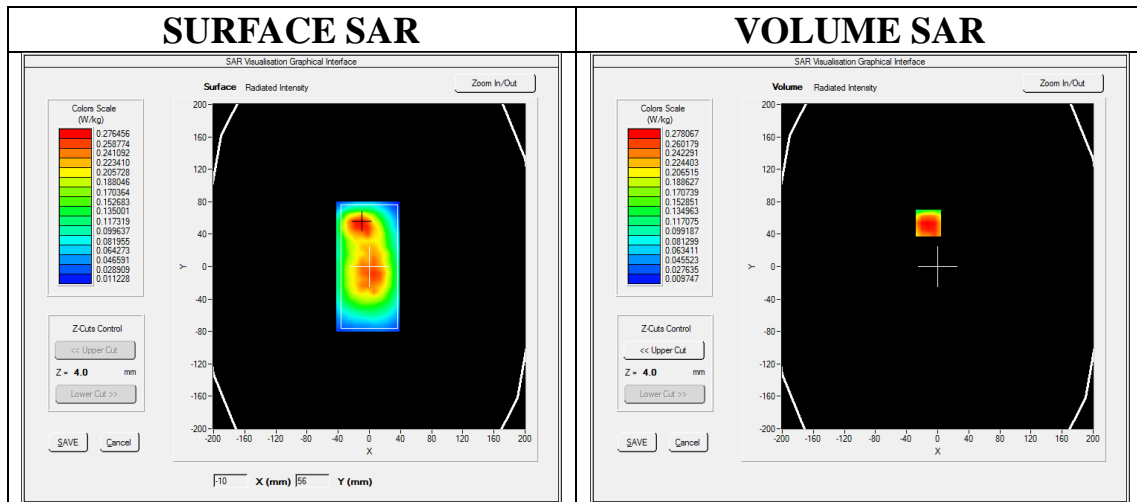
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.05;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.89$ mho/m; $\epsilon r = 40.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 Mid-Body- Front /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 Mid-Body- Front 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	ELLI
Device Position	Body Front
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

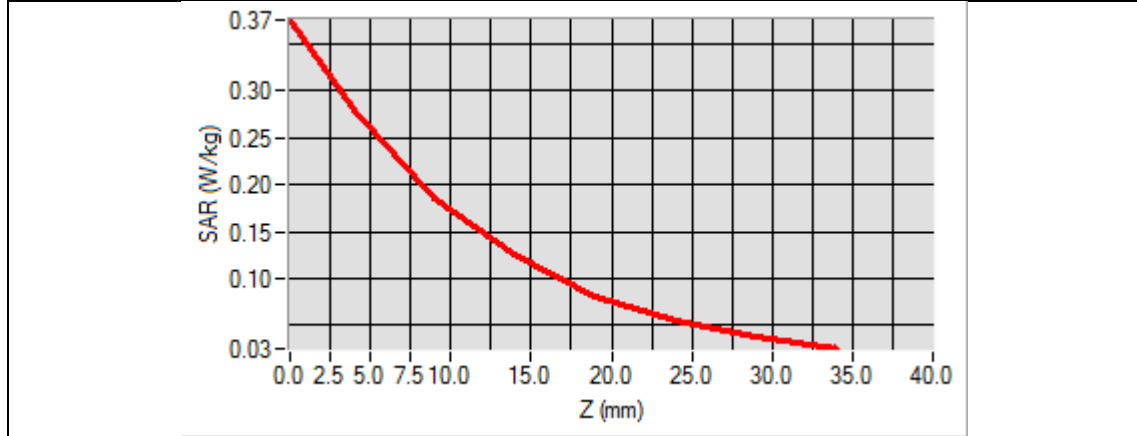


Maximum location: X=-12.00, Y=54.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.178474
SAR 1g (W/Kg)	0.271780

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3747	0.2781	0.1862	0.1249	0.0806	0.0562	0.0389



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
GPRS 850 Mid- Body- Front (1up)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 25,2020

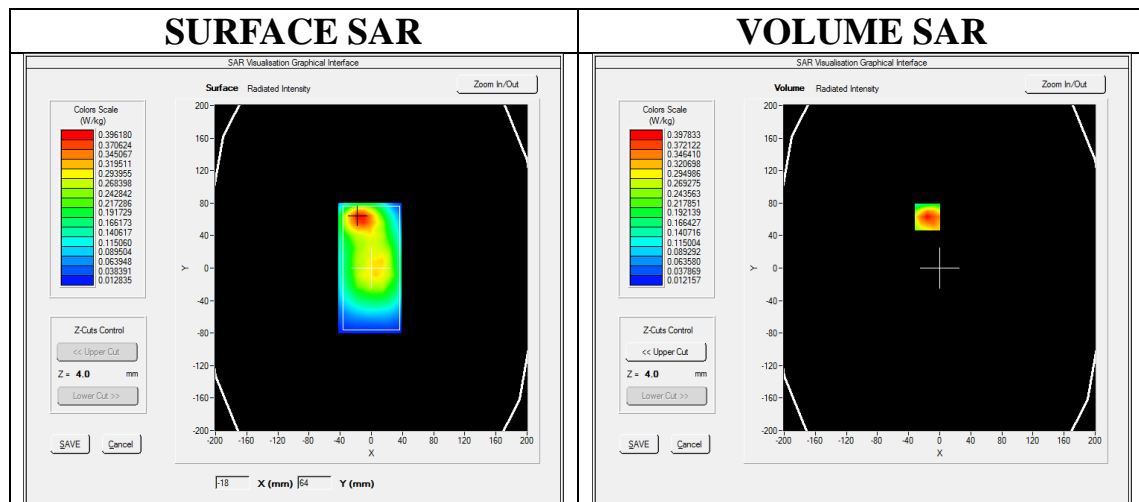
Communication System: GPRS-1 Slot; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.05;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.89$ mho/m; $\epsilon r = 40.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GPRS 850 Mid-Body-Front/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS 850 Mid-Body-Front/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,Complete
Phantom	ELLI
Device Position	Body Front
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

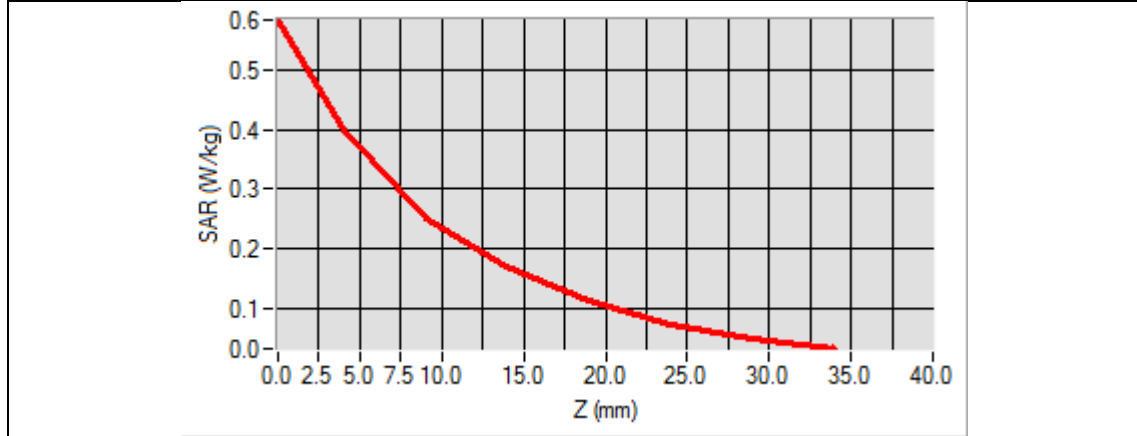


Maximum location: X=-16.00, Y=63.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.240328
SAR 1g (W/Kg)	0.377818

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5829	0.3978	0.2503	0.1714	0.1147	0.0740	0.0492



3D screen shot	Hot spot position
<p>A 3D perspective view of a white, shallow bowl. In the center of the bowl's base, there is a small rectangular grid of multi-colored dots (red, yellow, green, blue) representing the location of the hot spot.</p>	<p>A 2D heatmap showing the spatial distribution of SAR. The hot spot is represented by a central rectangular area of red and orange, indicating the highest SAR values. This area is surrounded by a larger region of yellow and green, with the SAR values decreasing towards the edges of the bowl, which are shown in cyan and blue.</p>

Test Laboratory: AGC Lab
PCS 1900 Mid-Tilt-Right <SIM 1>
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

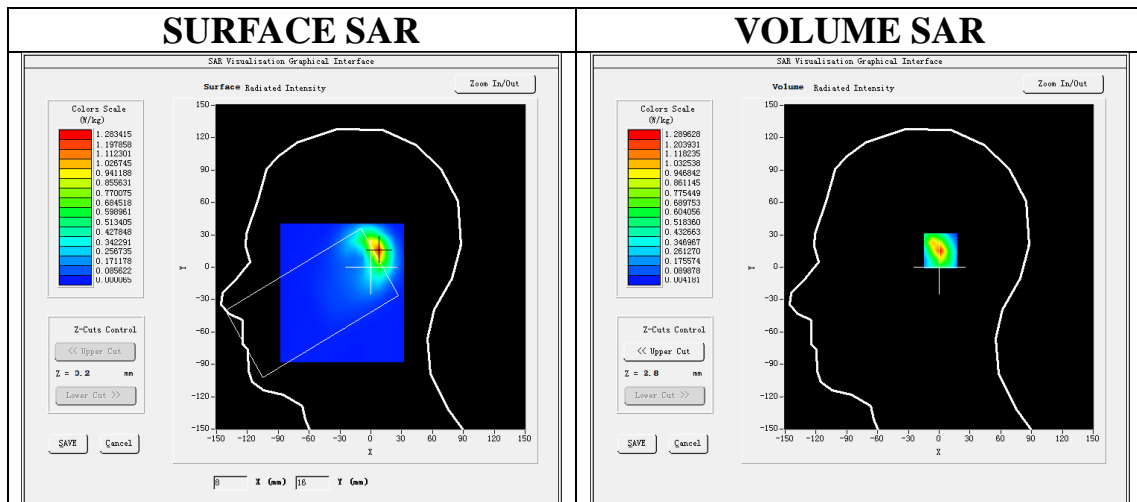
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon r = 39.53$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 Mid-Tilt-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Tilt-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	Tilt
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

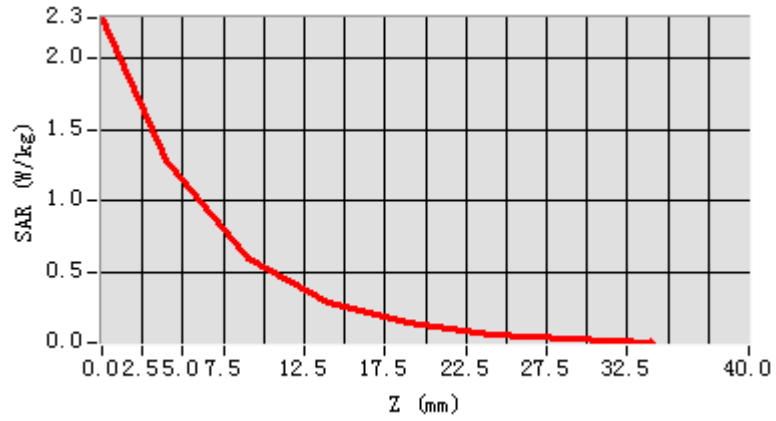


Maximum location: X=8.00, Y=15.00

SAR Peak: 2.25 W/kg

SAR 10g (W/Kg)	0.488742
SAR 1g (W/Kg)	1.139811

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2720	1.2896	0.5960	0.3033	0.1576	0.0778	0.0419



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, cup-like device. A blue and green grid is overlaid on the inner surface of the cup, representing the SAR distribution. The highest SAR values (red/yellow) are concentrated in the center of the cup's base.</p>	<p>A 3D perspective view of the same device. A color-coded overlay is shown on the inner surface, with a red and yellow 'hot spot' at the top center, transitioning through green and cyan to blue at the edges. This indicates the position of the maximum SAR value.</p>

Test Laboratory: AGC Lab
PCS 1900 High-Tilt-Right <SIM 1>
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

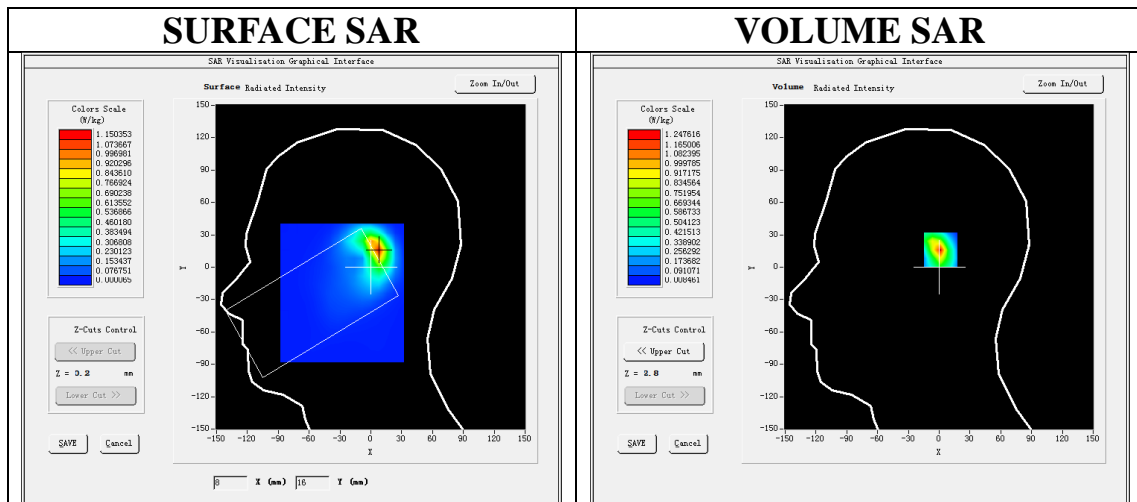
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.48;
Frequency: 1909.8 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.05$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 High-Tilt-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 High-Tilt-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

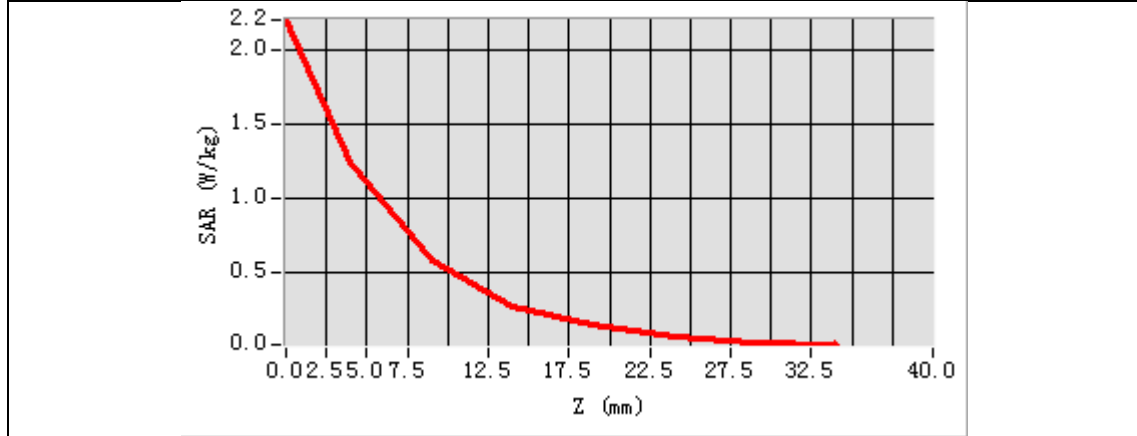
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	PCS 1900
Channels	High
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=8.00, Y=16.00
SAR Peak: 2.21 W/kg

SAR 10g (W/Kg)	0.473636
SAR 1g (W/Kg)	1.095951

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.1962	1.2476	0.5809	0.2831	0.1523	0.0823	0.0436



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, cup-like device. A blue grid is overlaid on the inner surface, with a color gradient from blue (low SAR) to red (high SAR) indicating the distribution of the field.</p>	<p>A 3D perspective view of the same device, showing a heatmap overlay. The highest intensity (red) is concentrated in a small area at the top center of the inner surface, representing the hot spot position.</p>

Test Laboratory: AGC Lab
PCS 1900 Mid-Body -Front (MS) <SIM 1>
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon r = 39.53$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

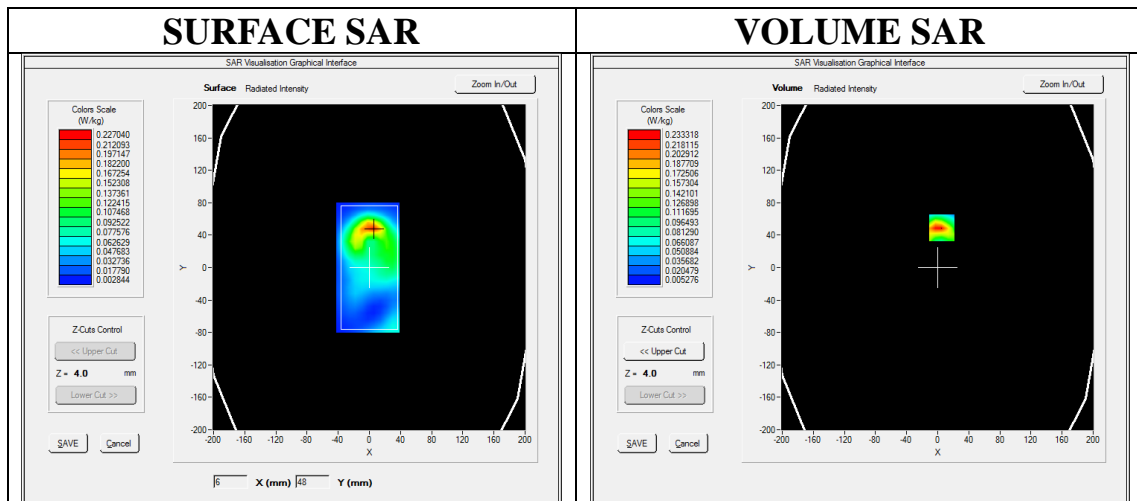
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

Configuration/PCS1900 Mid-Body- Front /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	ELLI
Device Position	Body Front
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

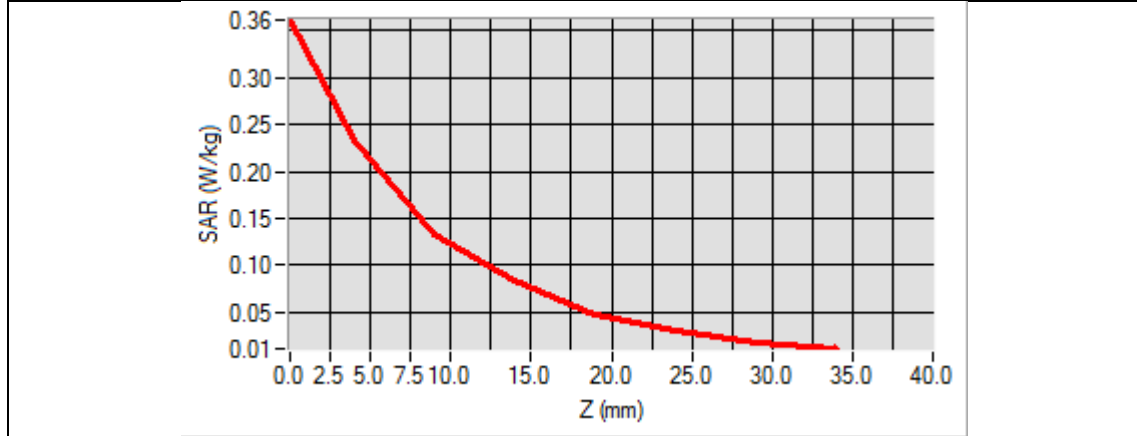


Maximum location: X=5.00, Y=49.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.114254
SAR 1g (W/Kg)	0.218903

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3614	0.2333	0.1328	0.0832	0.0482	0.0315	0.0187



3D screen shot	Hot spot position
<p>A 3D perspective view of a white bowl. Inside the bowl, there is a grid of small colored dots (blue, green, yellow, red) representing the spatial distribution of SAR. The highest concentration (red) is at the top center of the bowl.</p>	<p>A 2D heatmap showing the SAR distribution inside the bowl. The color scale ranges from blue (low SAR) to red (high SAR). The highest SAR region (red) is located at the top center of the bowl, corresponding to the hot spot position.</p>

Test Laboratory: AGC Lab
GPRS 1900 Mid-Edge 1 (3up)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

Communication System: GPRS-3 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 39.53$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

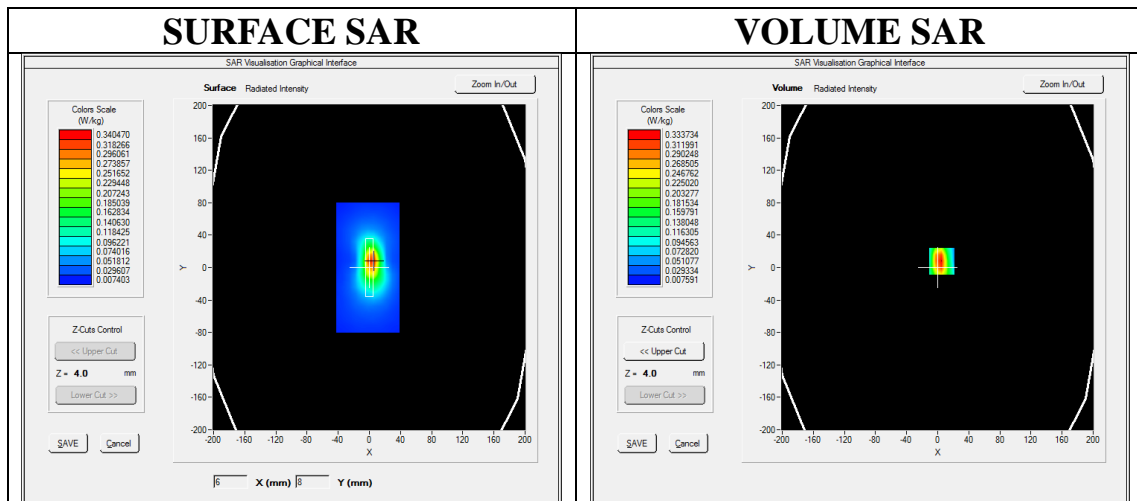
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GPRS1900 Mid-Edge 1/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/GPRS1900 Mid-Edge 1/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,Complete
Phantom	ELLI
Device Position	Edge 1
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 2.7)

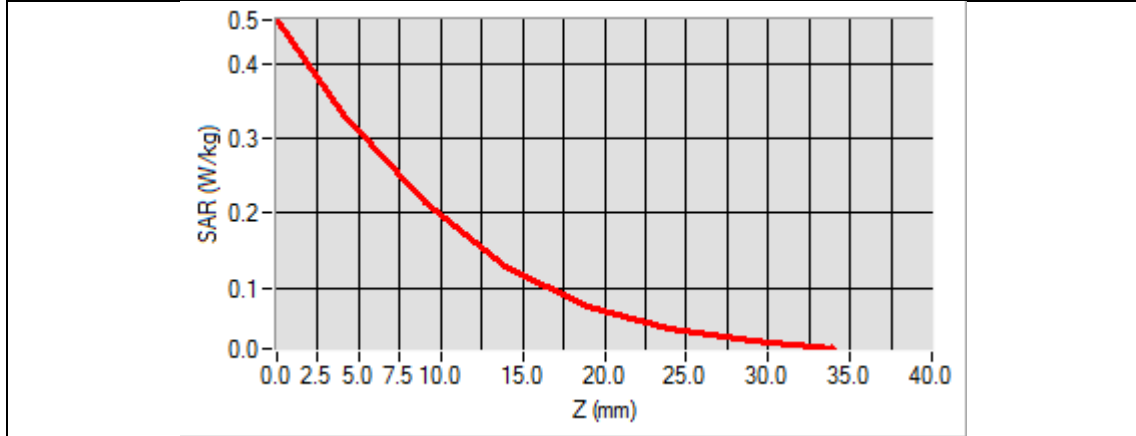


Maximum location: X=5.00, Y=8.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.166394
SAR 1g (W/Kg)	0.316009

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4597	0.3337	0.2134	0.1275	0.0753	0.0457	0.0295



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
WCDMA Band II Mid-Touch-Right (RMC)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

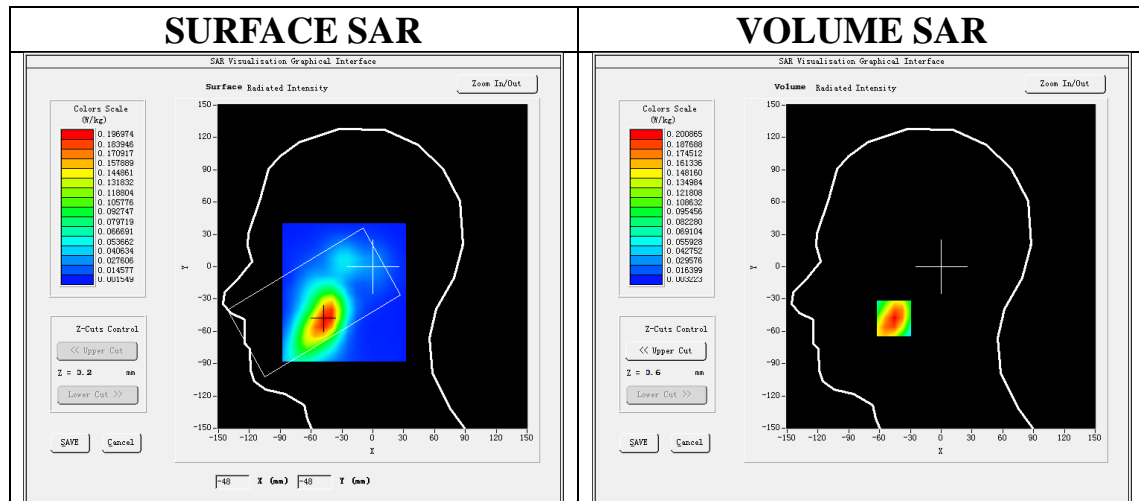
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon r = 39.53$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- 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;

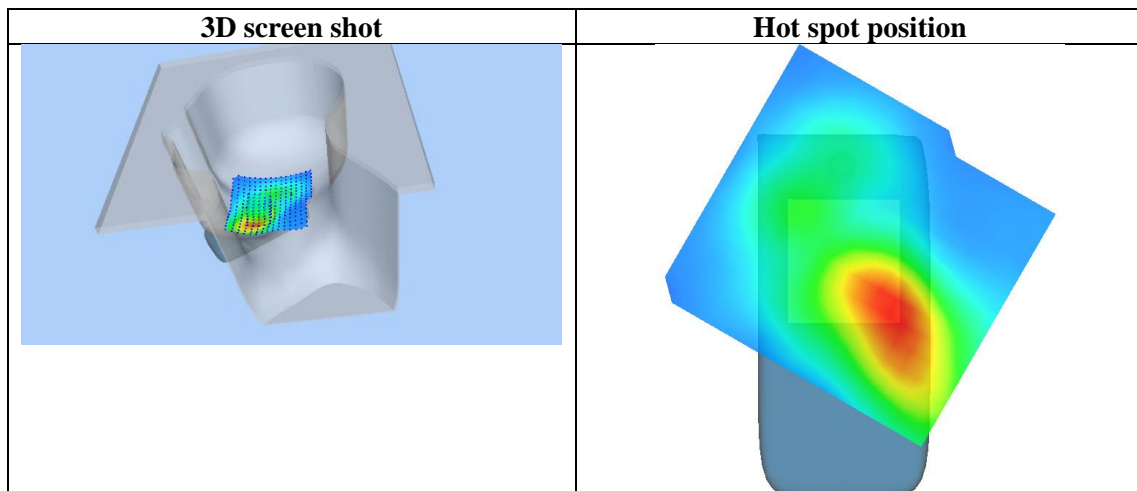
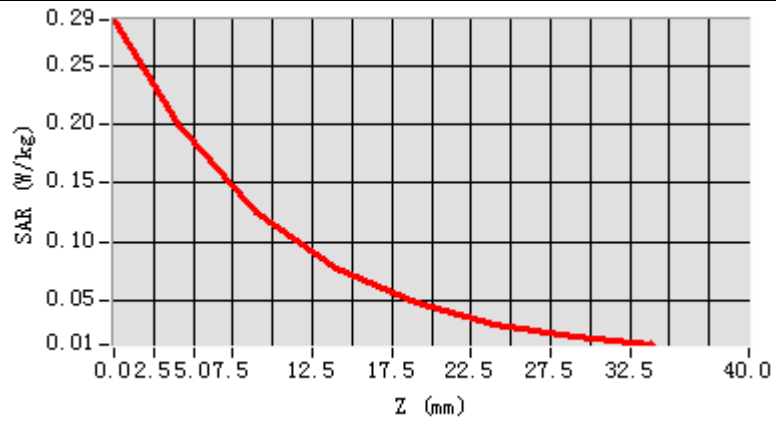
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-46.00, Y=-48.00
SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.108341
SAR 1g (W/Kg)	0.190472

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2894	0.2009	0.1248	0.0772	0.0475	0.0294	0.0186



Test Laboratory: AGC Lab
WCDMA Band II Mid-Edge 1(RMC)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

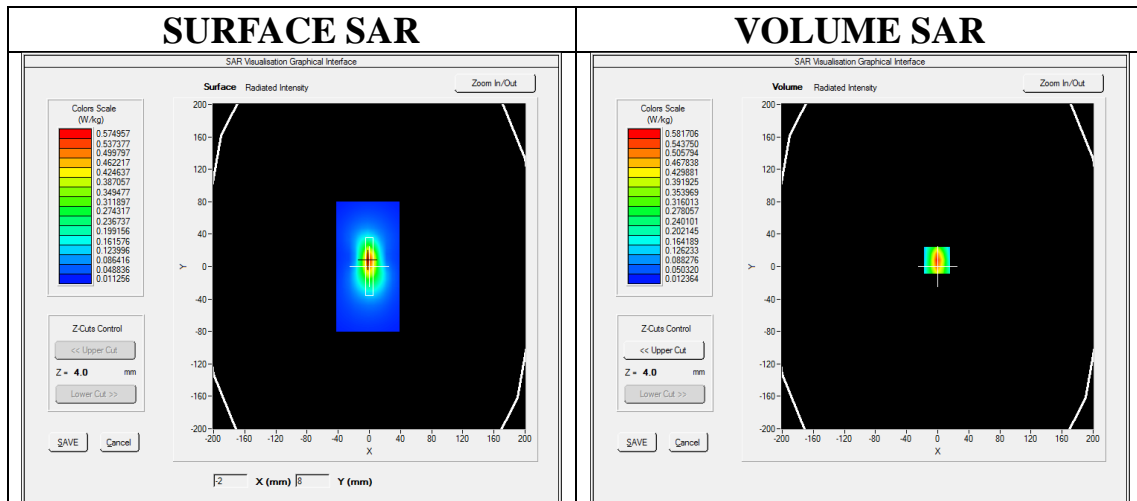
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=4.48
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon r = 39.53$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA band II Mid-Edge 1/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA band II Mid-Edge 1/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

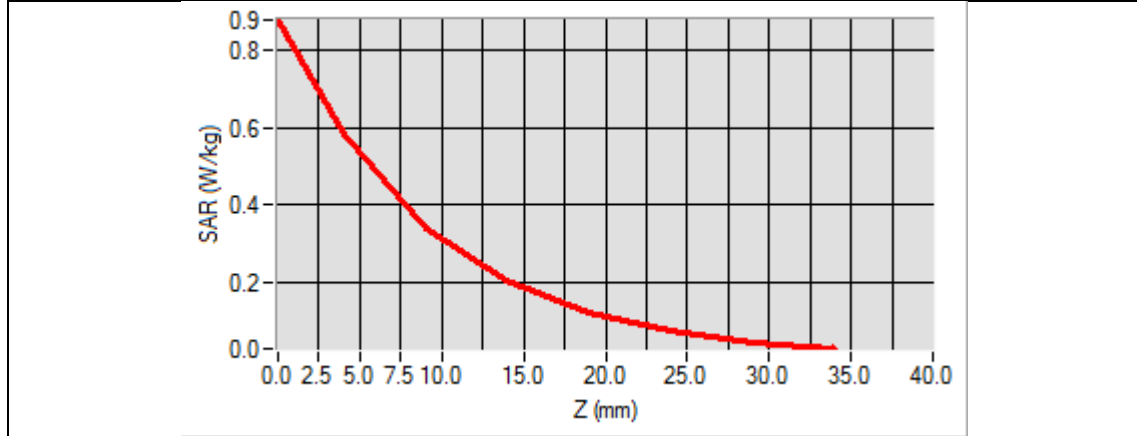
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	ELLI
Device Position	Edge 1
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-1.00, Y=8.00
SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)	0.274492
SAR 1g (W/Kg)	0.531036

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8805	0.5817	0.3399	0.2028	0.1198	0.0721	0.0432



3D screen shot	Hot spot position

Test Laboratory: AGC Lab

Date: May 25,2020

WCDMA Band V Low-Touch-Right (RMC)

DUT: Mara Phones X1; Type: Mara Phones X1

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD ; Duty Cycle:1: 1; Conv.F=5.05; Frequency: 826.4 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 40.75$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Right Section Ambient temperature ($^{\circ}\text{C}$): 21.0, Liquid temperature ($^{\circ}\text{C}$): 20.7

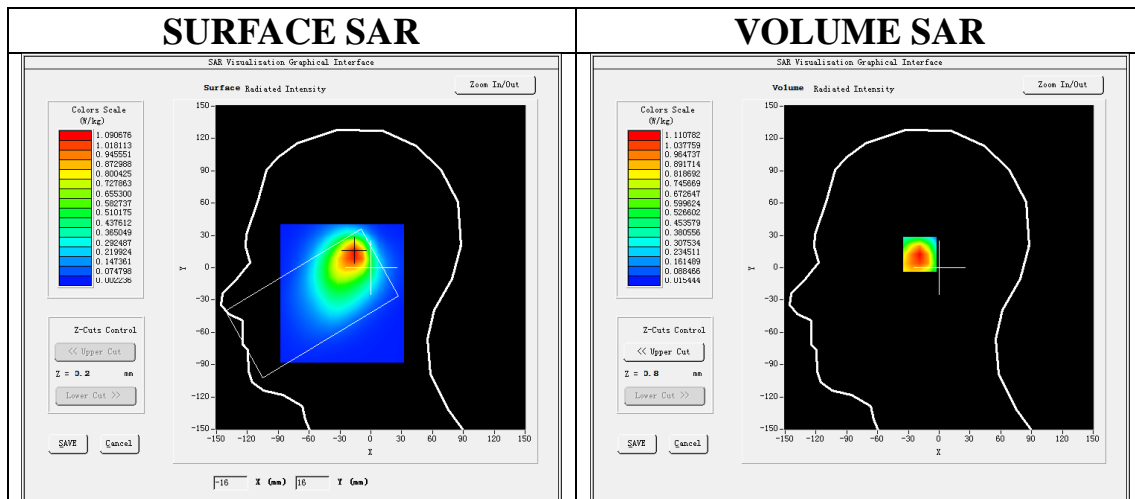
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band V Low-Touch-Right/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

Configuration/ WCDMA Band V Low-Touch-Right/Zoom Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

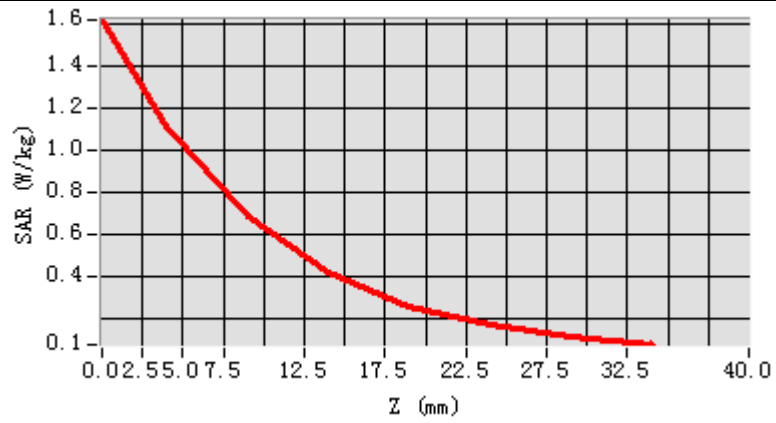


Maximum location: $X=-16.00$, $Y=14.00$

SAR Peak: 1.69 W/kg

SAR 10g (W/Kg)	0.635507
SAR 1g (W/Kg)	1.057083

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6195	1.1108	0.6818	0.4185	0.2592	0.1710	0.1109



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, bowl-shaped device. A small rectangular area on the inner surface of the bowl is highlighted with a color-coded heatmap, showing a central red/orange area (high SAR) transitioning to blue (low SAR).</p>	<p>A close-up 3D view of the hot spot area. The heatmap is more prominent, showing a central red core surrounded by yellow, green, and blue regions, indicating the spatial distribution of SAR within that specific area.</p>

Test Laboratory: AGC Lab

Date: May 25,2020

WCDMA Band V Mid- Edge 1 (RMC)

DUT: Mara Phones X1; Type: Mara Phones X1

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=5.05; Frequency: 836.6 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon r = 40.43$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 21.0, Liquid temperature ($^{\circ}\text{C}$): 20.7

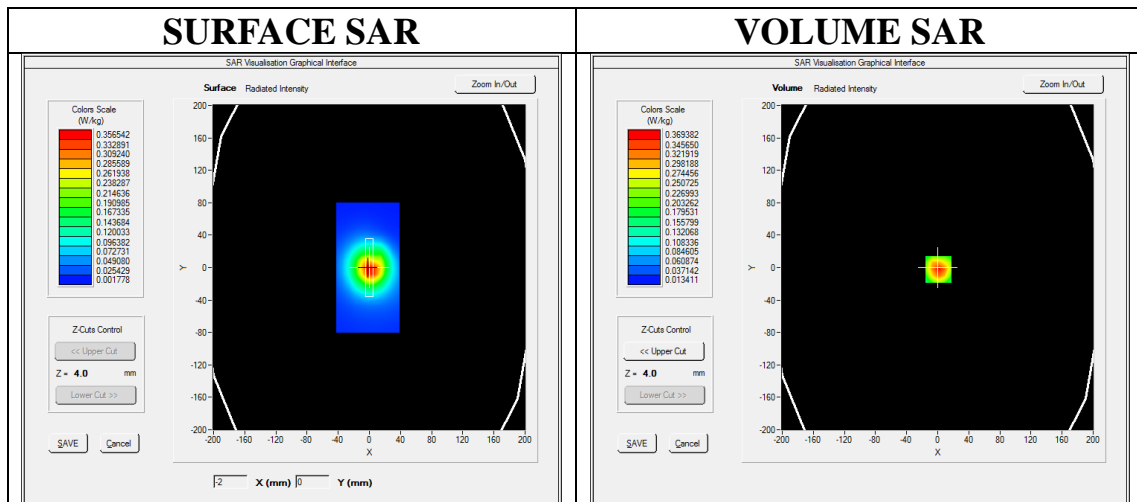
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band V Mid- Edge 1/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ WCDMA Band V Mid- Edge 1/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	ELLI
Device Position	Edge 1
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

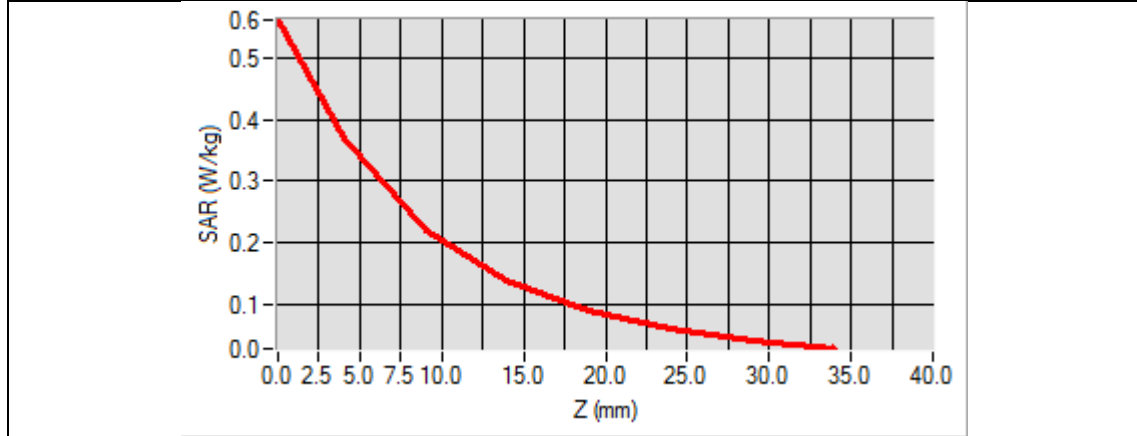


Maximum location: X=1.00, Y=-2.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.204538
SAR 1g (W/Kg)	0.351564

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5631	0.3694	0.2191	0.1383	0.0903	0.0596	0.0396



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
LTE Band 7 Mid-Touch-Left (1RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

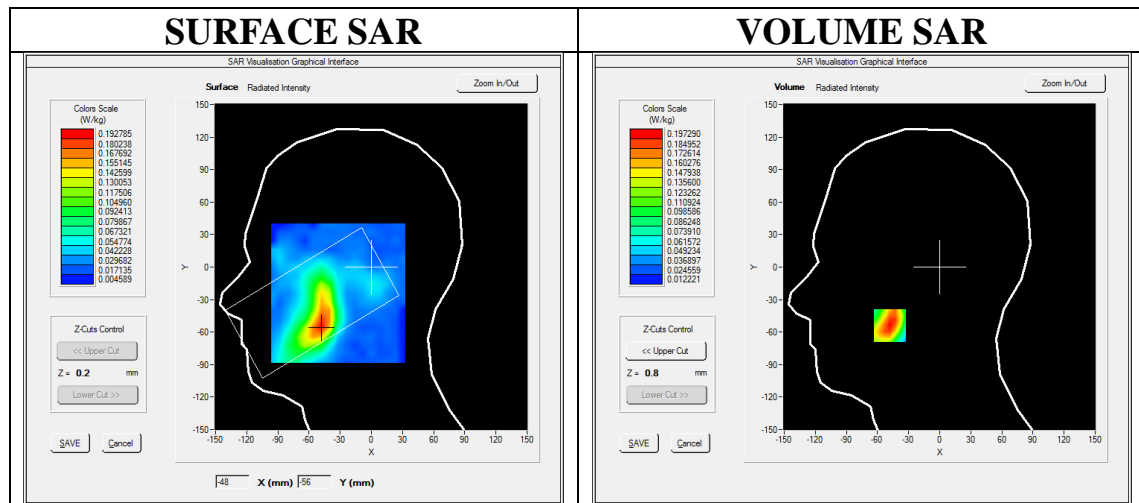
Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=3.77
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.44$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

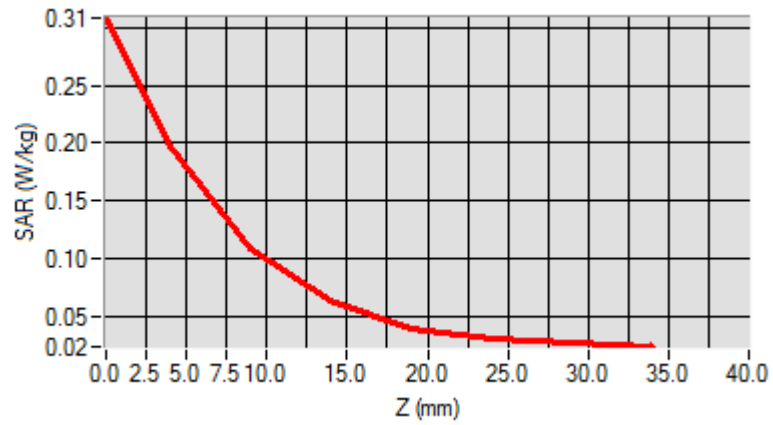
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE BAND 7
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



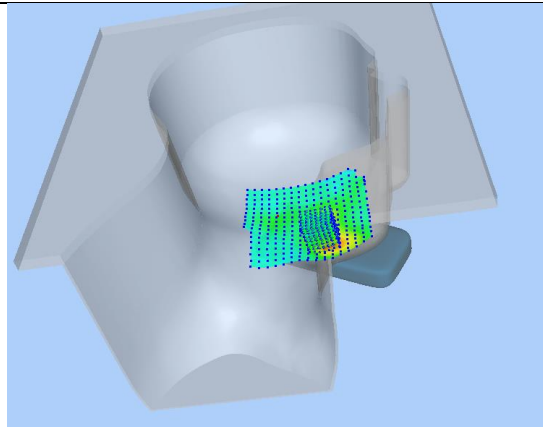
Maximum location: X=-48.00, Y=-54.00
SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.101616
SAR 1g (W/Kg)	0.173464

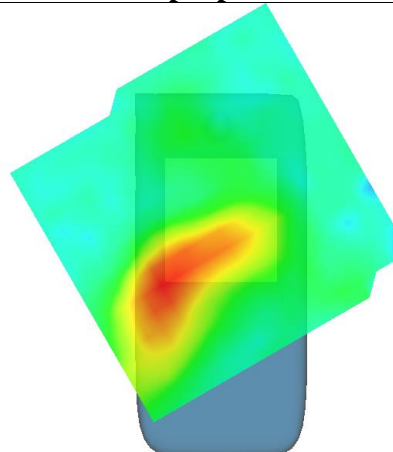
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3088	0.1973	0.1087	0.0629	0.0390	0.0299	0.0269



3D screen shot



Hot spot position



Test Laboratory: AGC Lab
LTE Band 7 Mid-Body-Back (1RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=3.77
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.44$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

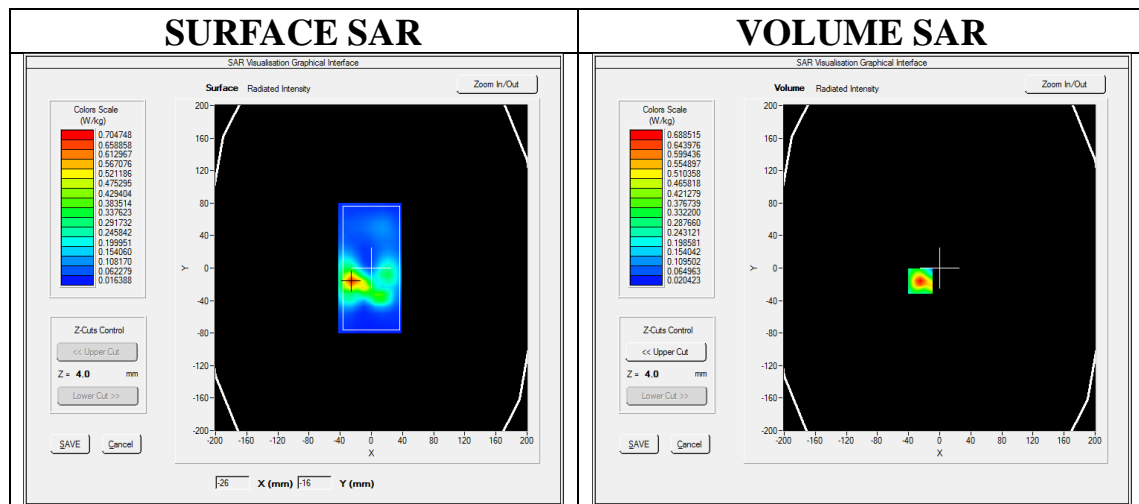
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 7 Mid-Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm

Configuration/ LTE BAND 7 Mid-Body-Back /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	ELLI
Device Position	Body Back
Band	LTE BAND 7
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

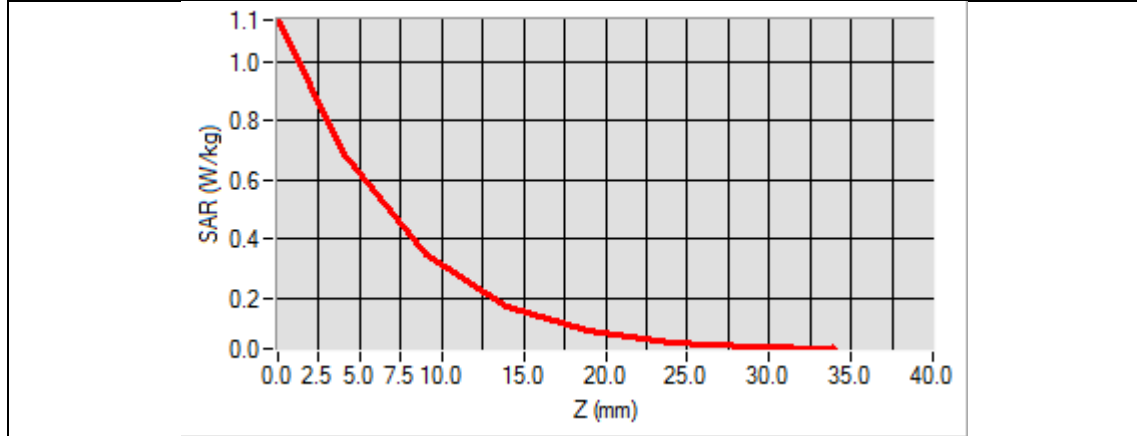


Maximum location: X=-25.00, Y=-16.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.200364
SAR 1g (W/Kg)	0.439294

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1418	0.4885	0.2069	0.1741	0.0906	0.0530	0.0358



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
LTE Band 38 Mid- Touch-Left (1 RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=3.77
Frequency: 2595 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.25$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

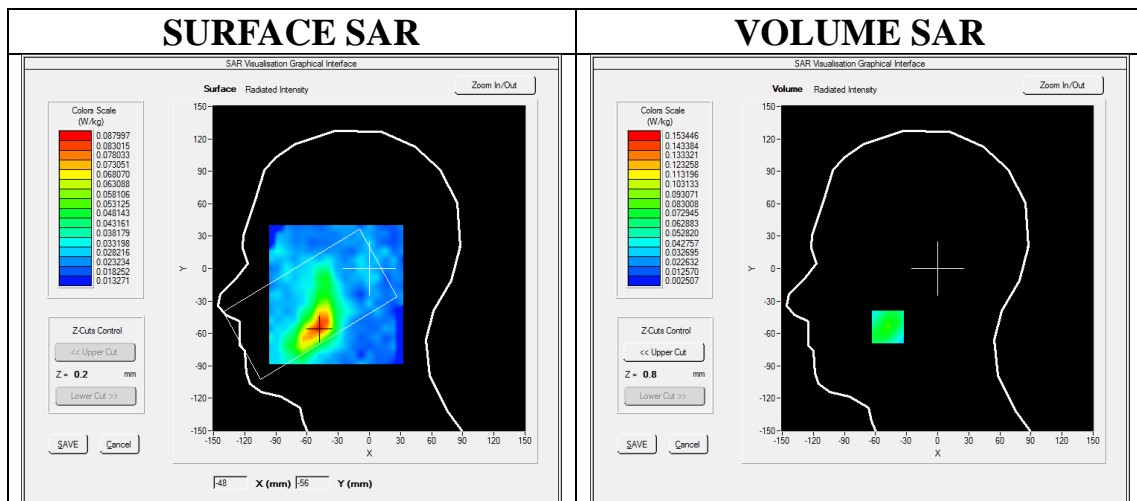
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 38 Mid- Touch-Left /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 38 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	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 38
Channels	Middle
Signal	Crest factor: 1.58

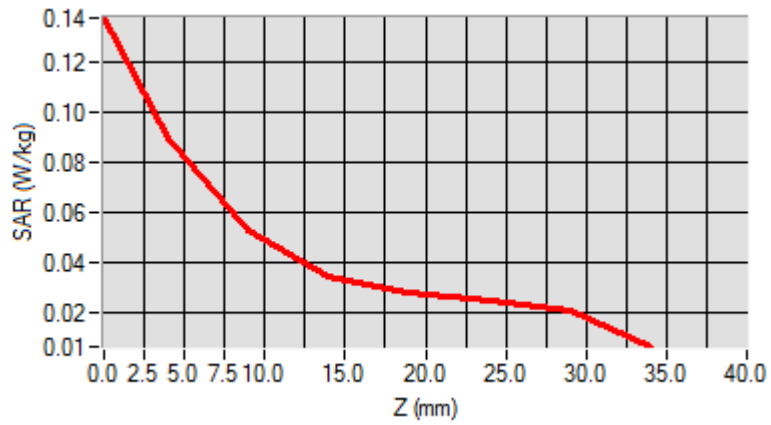


Maximum location: X=-48.00, Y=-54.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.051234
SAR 1g (W/Kg)	0.080452

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1373	0.0895	0.0526	0.0347	0.0282	0.0253	0.0210



3D screen shot	Hot spot position
<p>A 3D rendering of a human head and neck model. A grid of small colored squares is overlaid on the neck area, representing the SAR distribution. The colors range from green (low SAR) to red (high SAR), with the highest values concentrated in the lower neck region.</p>	<p>A 3D rendering of the same head and neck model. A color-coded overlay is applied to the neck area, showing a 'hot spot' in red and yellow, indicating the highest SAR values. The rest of the neck area is shown in green.</p>

Test Laboratory: AGC Lab
LTE Band 38 Mid- Body-Back (1 RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

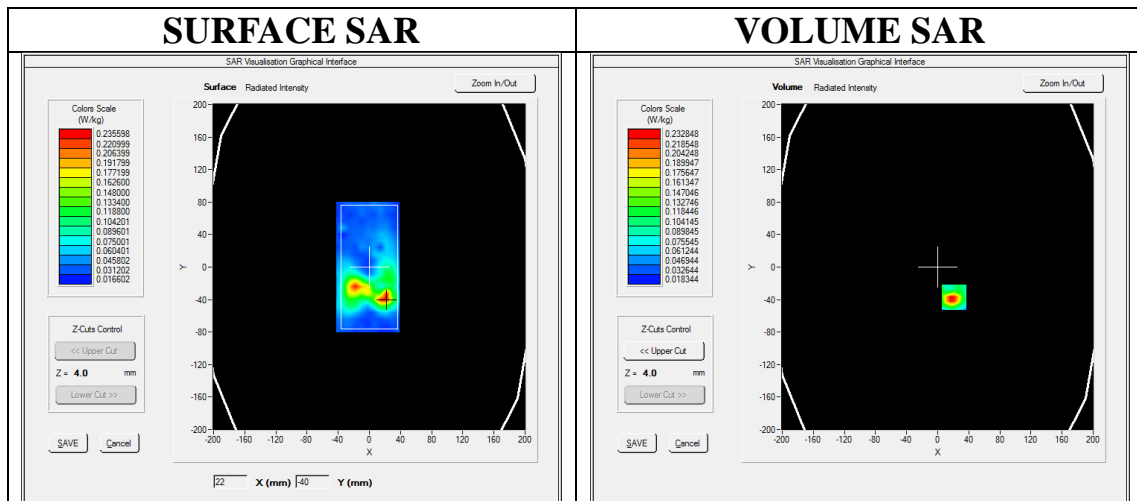
Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58; Conv.F=3.77;
Frequency: 2595 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.25$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 38 Mid- Body-Back /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 38 Mid- Body-Back /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	ELLI
Device Position	Body Back
Band	LTE Band 38
Channels	Middle
Signal	Crest factor: 1.58

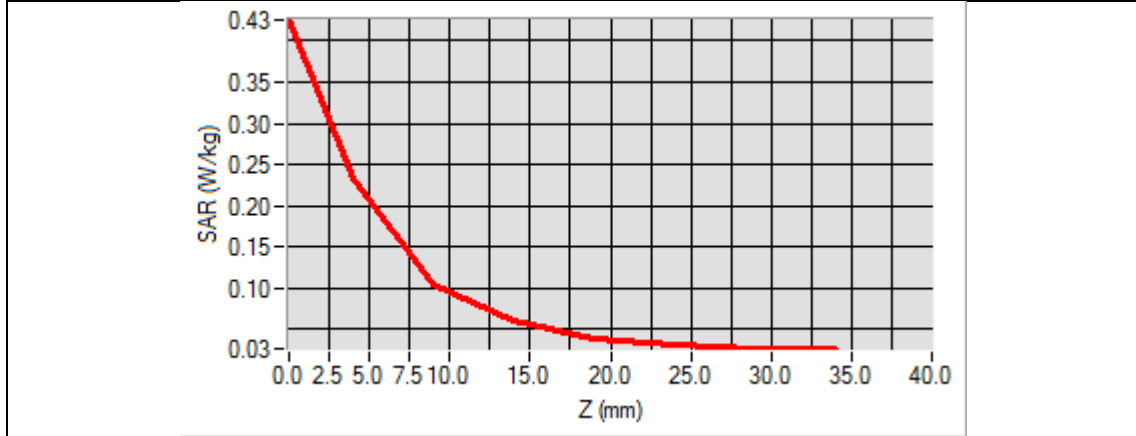


Maximum location: X=21.00, Y=-37.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.100939
SAR 1g (W/Kg)	0.220220

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4255	0.2328	0.1044	0.0616	0.0396	0.0309	0.0271



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
LTE Band 40 Mid-Touch-Left (1RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 20,2020

Communication System: LTE; Communication System Band: LTE Band 40; Duty Cycle:63.33%; Conv.F=4.58
Frequency: 2350MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 38.45$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.4

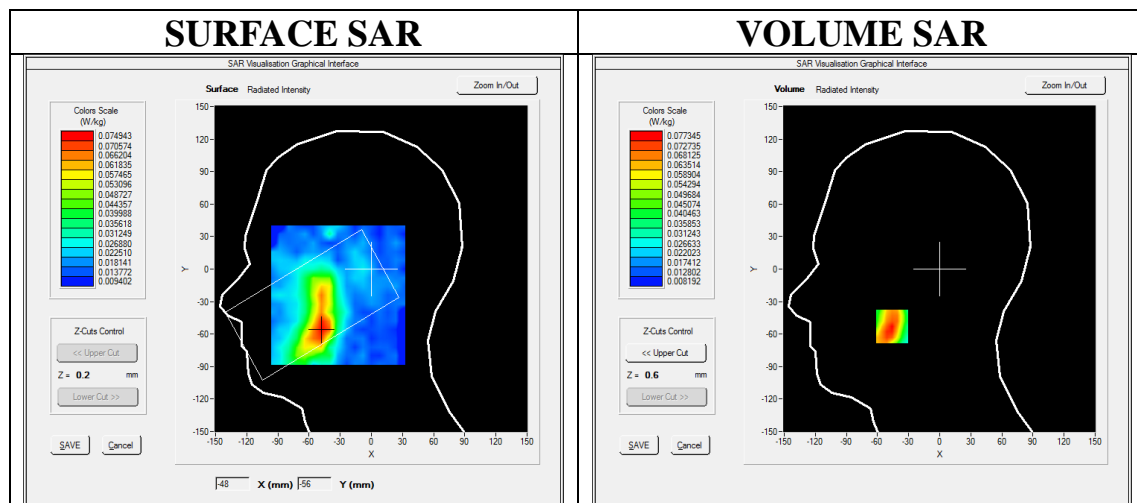
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 40 Mid-Touch-Left/Area Scan: Measurement grid: dx=8mm, y=8mm

Configuration/ LTE Band 40 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 40
Channels	Middle
Signal	OFDM (Crest factor: 1.58)

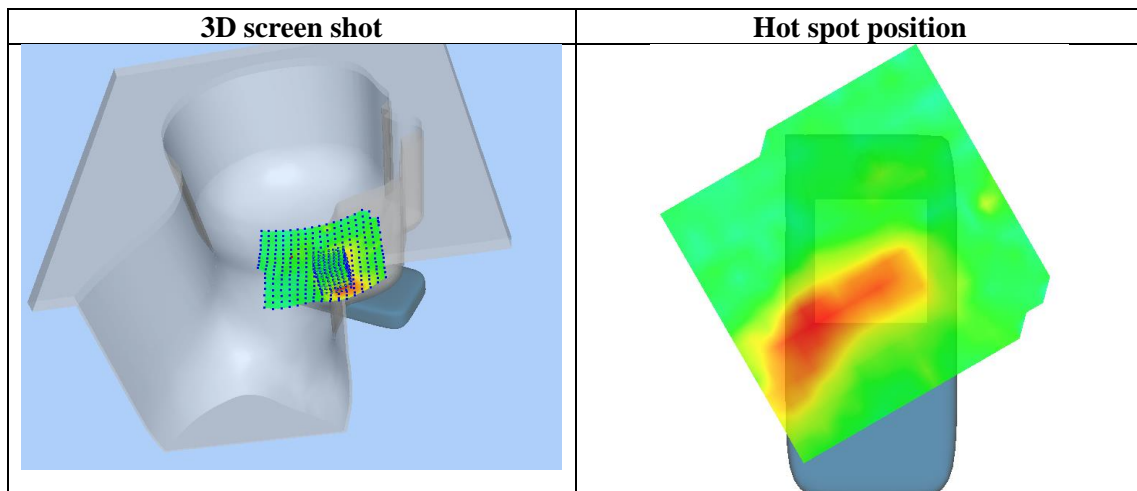
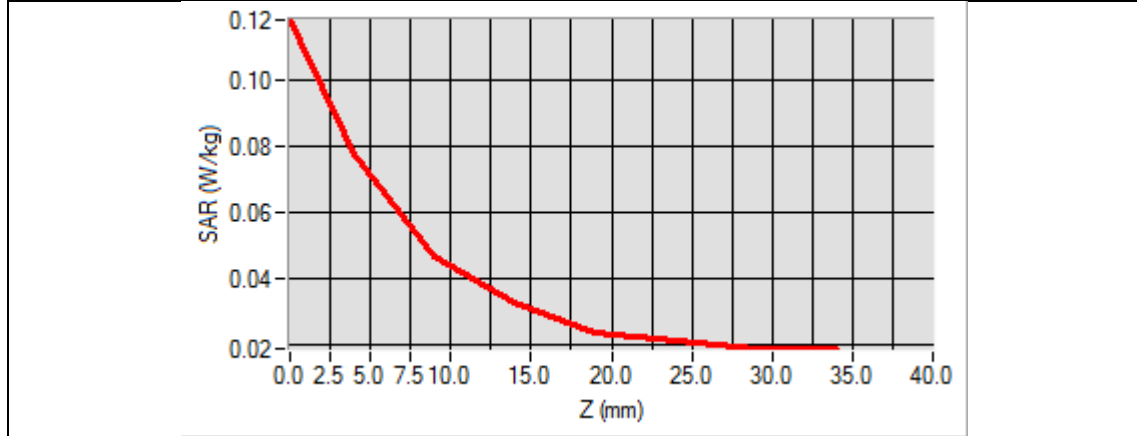


Maximum location: X=-46.00, Y=-53.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.044756
SAR 1g (W/Kg)	0.074080

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1181	0.0773	0.0468	0.0330	0.0238	0.0215	0.0188



Test Laboratory: AGC Lab
LTE Band 40 Mid- Body-Back (1RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 20,2020

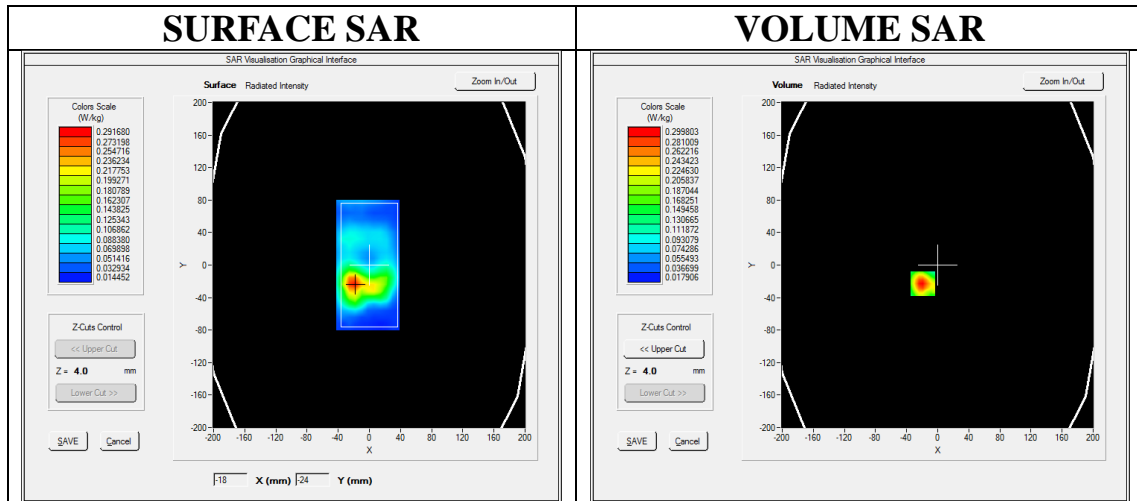
Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:63.33%; Conv.F=4.58
Frequency: 2350MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 38.45$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.4

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 40 Mid- Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE Band 40 Mid- Body-Back /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

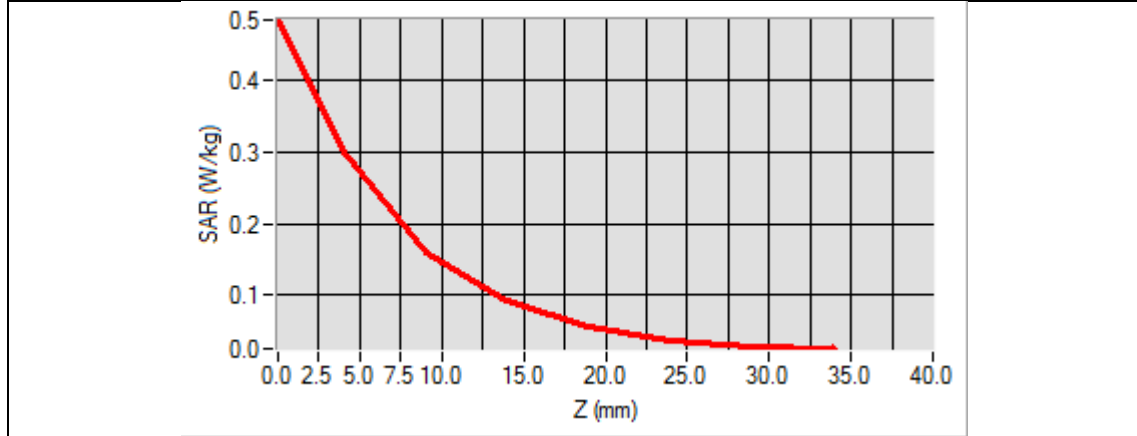
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	ELLI
Device Position	Body Back
Band	LTE Band 40
Channels	Middle
Signal	OFDM (Crest factor: 1.58)



Maximum location: X=-19.00, Y=-23.00
SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.149157
SAR 1g (W/Kg)	0.283044

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4857	0.2998	0.1605	0.0913	0.0545	0.0353	0.0262



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
LTE Band 41 Mid-Touch-Left (1RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=3.77
Frequency: 2593MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 38.28$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

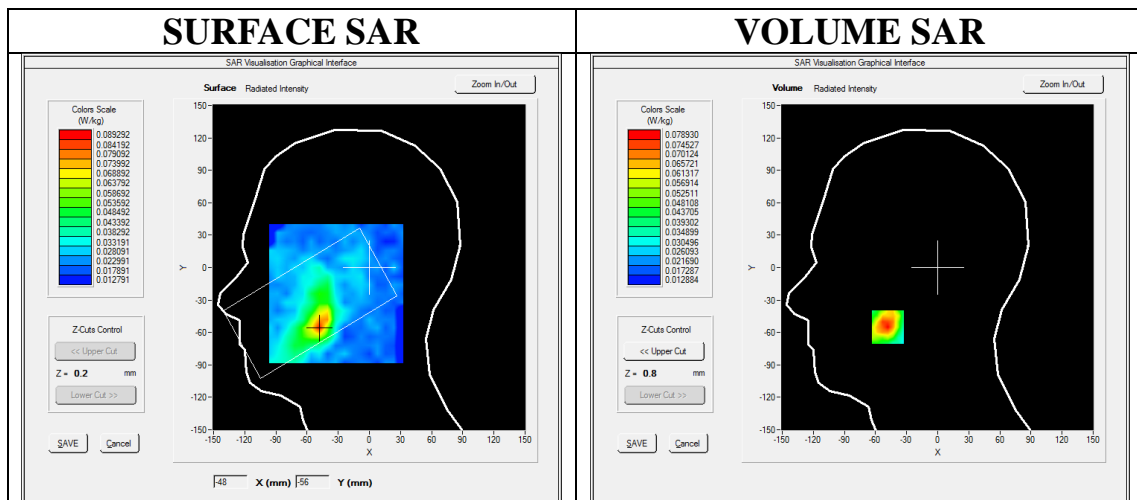
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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)

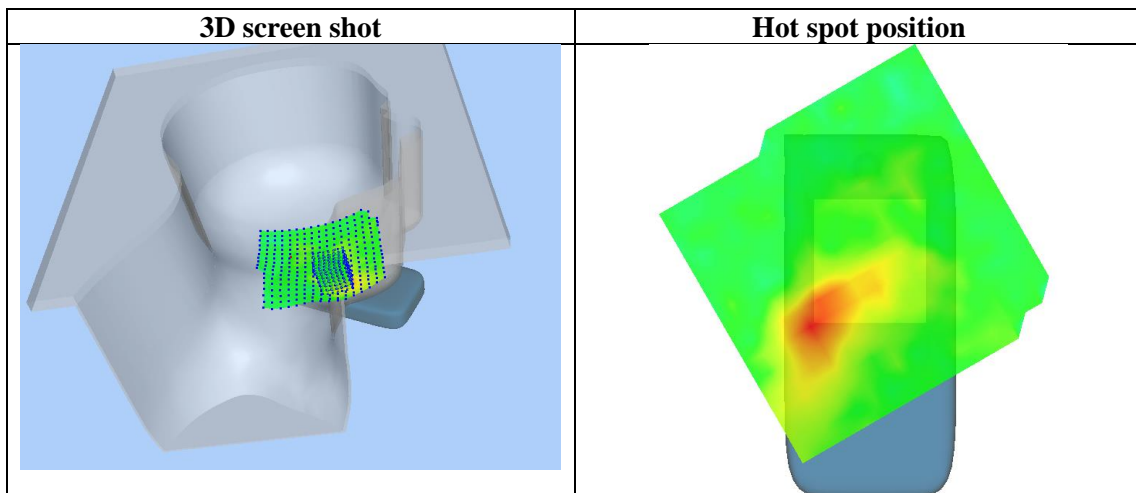
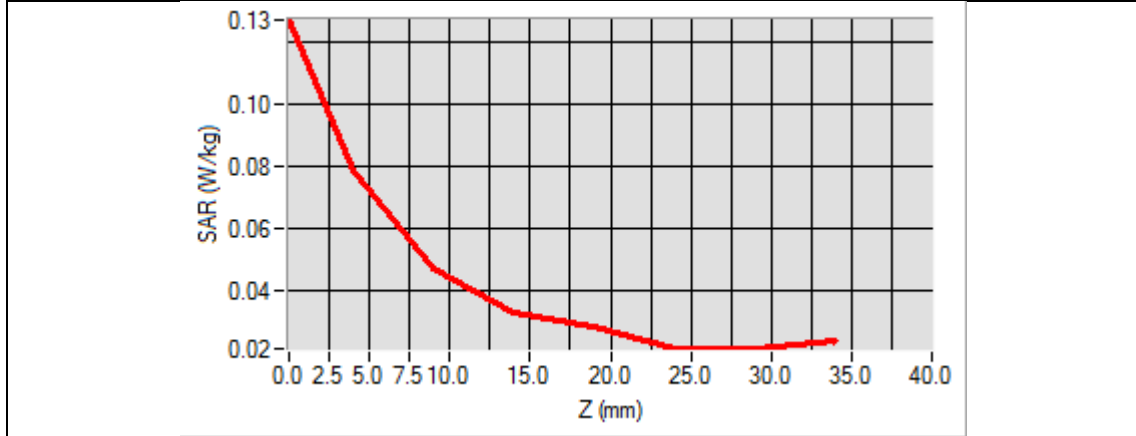


Maximum location: X=-48.00, Y=-55.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.045651
SAR 1g (W/Kg)	0.073276

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1271	0.0789	0.0471	0.0329	0.0283	0.0215	0.0213



Test Laboratory: AGC Lab
LTE Band 41 Mid-Body-Back(1RB#0)
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

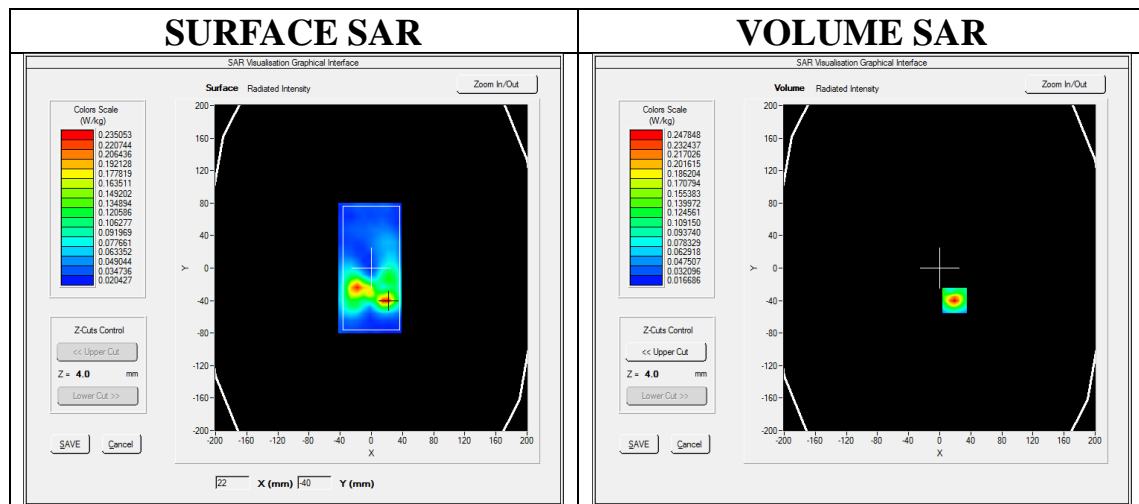
Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=3.77
Frequency: 2593MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 38.28$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE BAND 41 Mid-Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 41 Mid-Body-Back /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

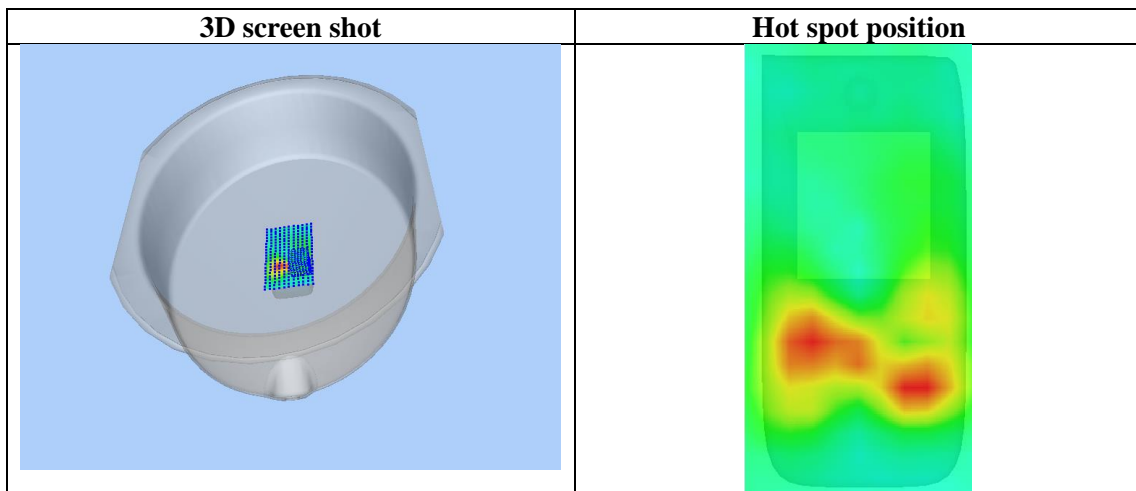
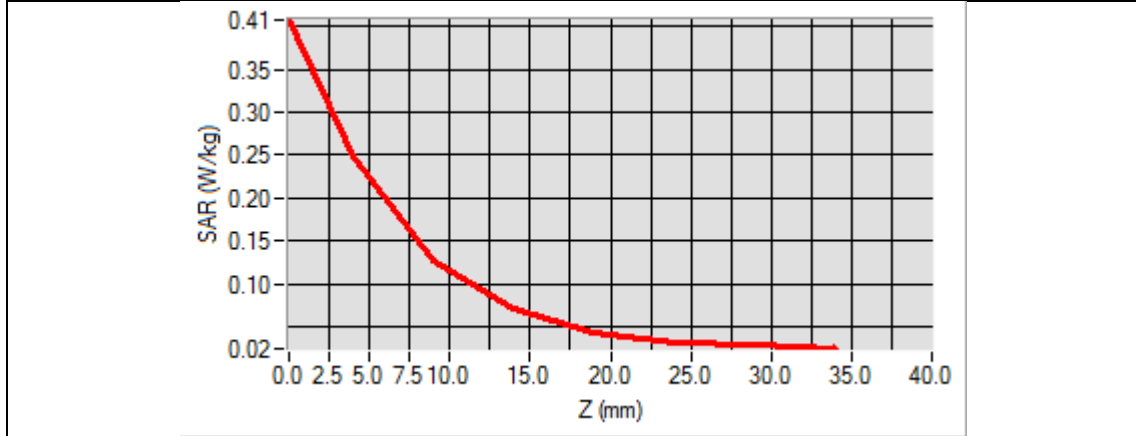
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	ELLI
Device Position	Body Back
Band	LTE BAND 41
Channels	Middle
Signal	OFDM (Crest factor: 1.58)



Maximum location: X=19.00, Y=-40.00
SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.104454
SAR 1g (W/Kg)	0.222312

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4073	0.2478	0.1273	0.0707	0.0424	0.0306	0.0280



WIFI MODE

Test Laboratory: AGC Lab

Date: May 26,2020

802.11b Mid-Touch-Left

DUT: Mara Phones X1; Type: Mara Phones X1

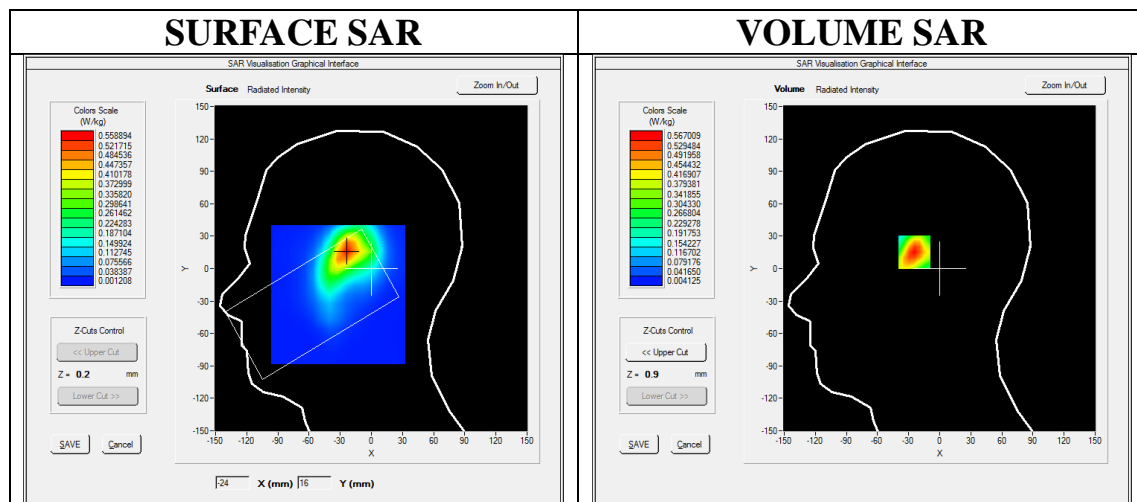
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=4.12;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.74$ mho/m; $\epsilon_r = 38.78$ $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.4

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/802.11b Mid- Touch-Left/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b 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	2450MHz
Channels	Middle
Signal	Crest factor: 1.0

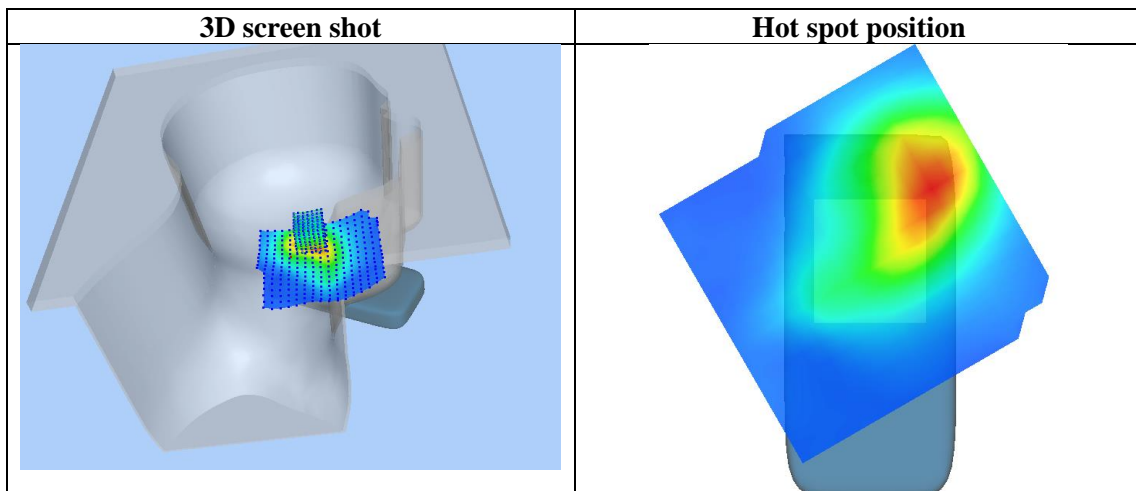
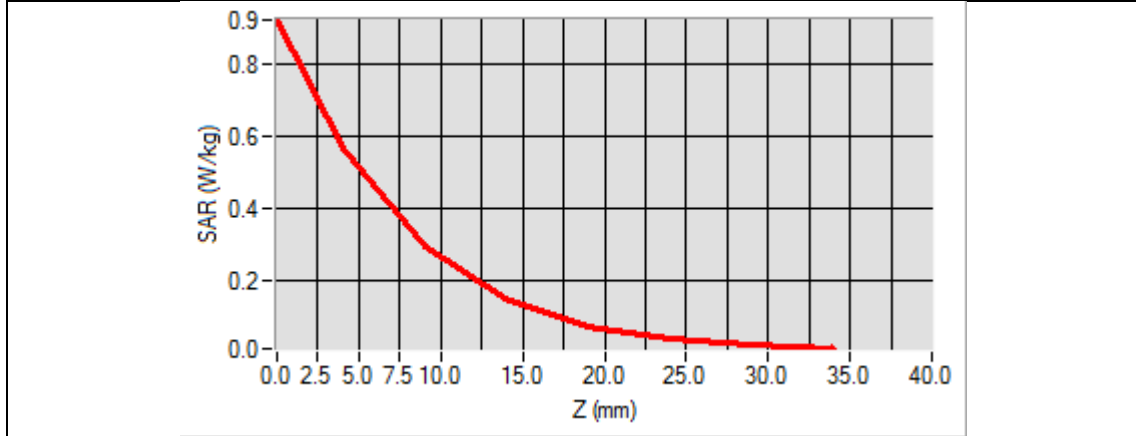


Maximum location: X=-23.00, Y=17.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.267359
SAR 1g (W/Kg)	0.428076

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9210	0.4170	0.2924	0.1475	0.0724	0.0356	0.0183



Test Laboratory: AGC Lab
802.11b Mid- Edge 2
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 26,2020

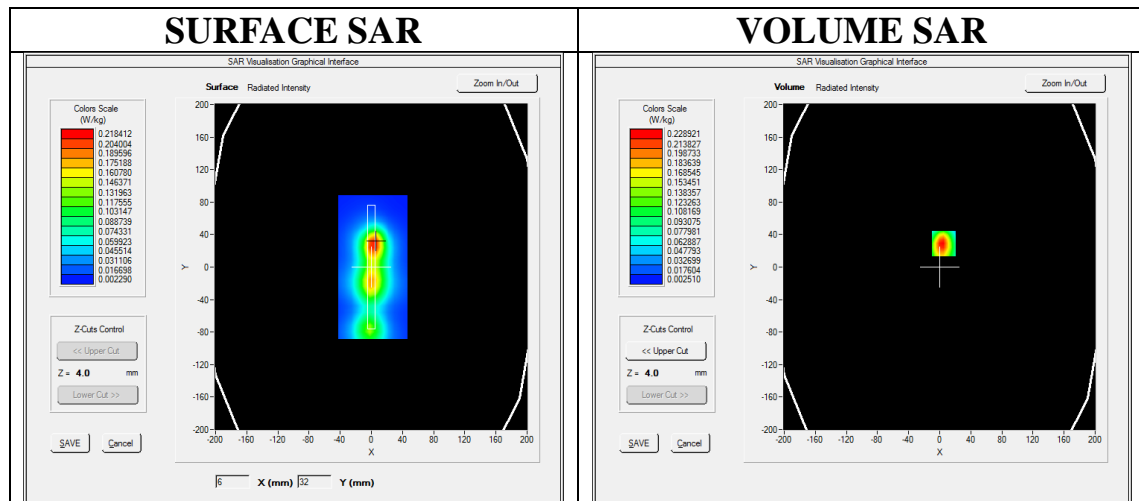
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=4.12;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.74$ mho/m; $\epsilon_r = 38.78$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.4

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/802.11b Mid- Edge 2 /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b Mid- Edge 2 /Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm;

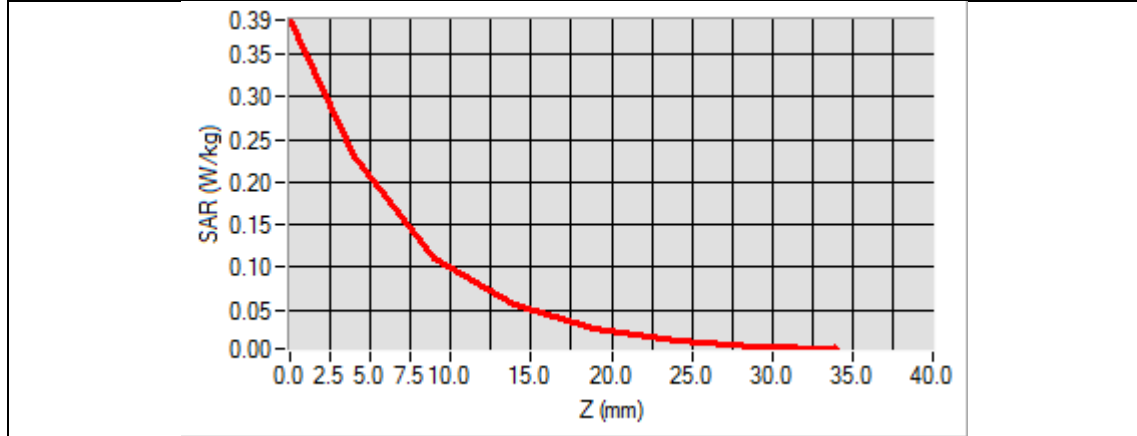
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	ELLI
Device Position	Edge 2
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



Maximum location: X=5.00, Y=29.00
SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.105301
SAR 1g (W/Kg)	0.216773

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3898	0.2289	0.1112	0.0561	0.0286	0.0148	0.0080



3D screen shot	Hot spot position

Repeated SAR

Test Laboratory: AGC Lab

Date: May 25,2020

GSM 850 Low- Touch-Right <SIM 1>

DUT: Mara Phones X1; Type: Mara Phones X1

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.05; Frequency: 824.2 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.89$; $\rho = 1000$ kg/m³ ; Phantom section: Right Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

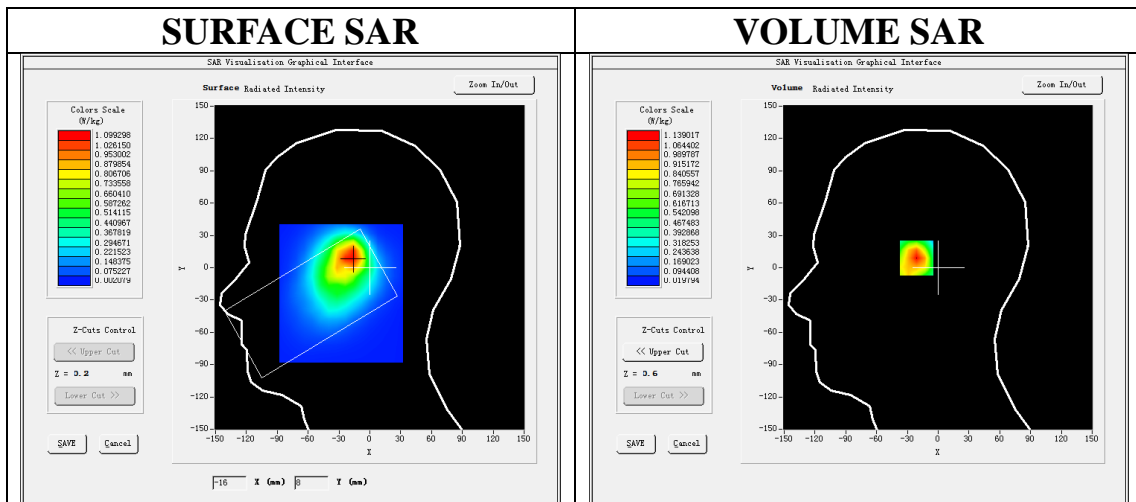
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GSM 850 Low-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/GSM 850 Low-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	GSM 850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

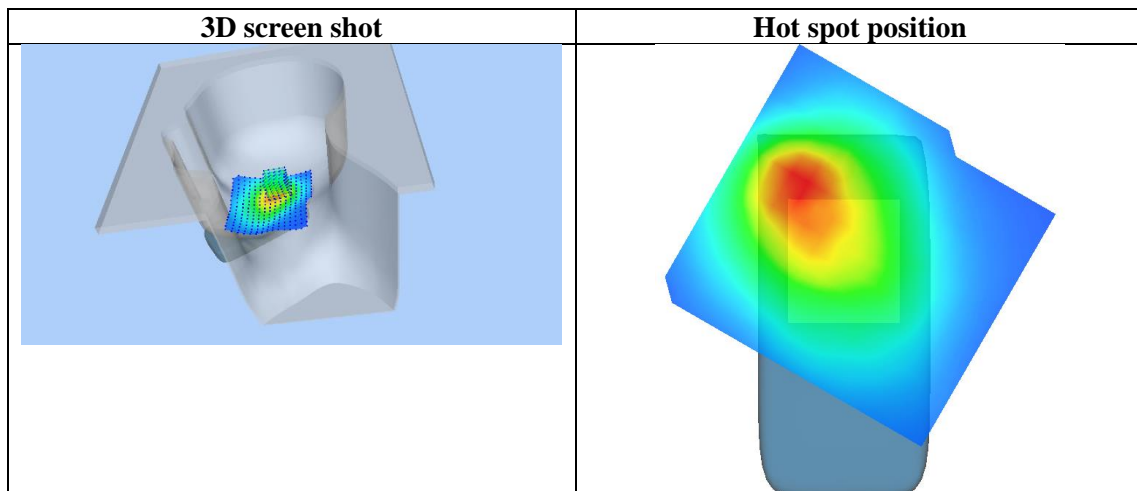
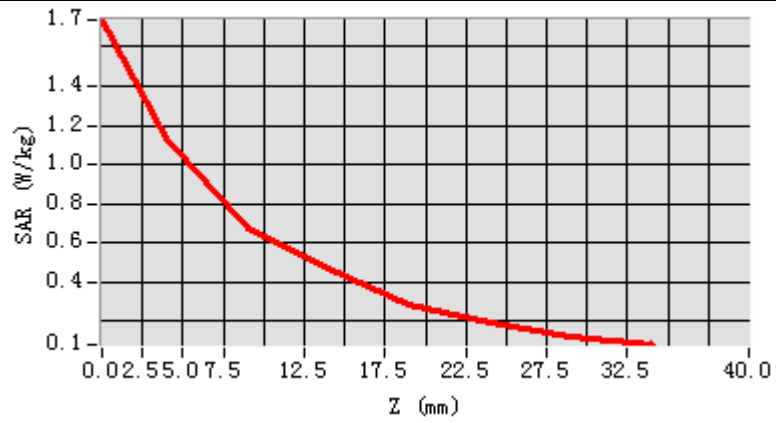


Maximum location: X=-18.00, Y=10.00

SAR Peak: 1.80 W/kg

SAR 10g (W/Kg)	0.646428
SAR 1g (W/Kg)	1.087734

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.7372	1.1390	0.6756	0.4682	0.2859	0.1957	0.1188



Test Laboratory: AGC Lab
PCS 1900 Mid-Tilt-Right <SIM 1>
DUT: Mara Phones X1; Type: Mara Phones X1

Date: May 27,2020

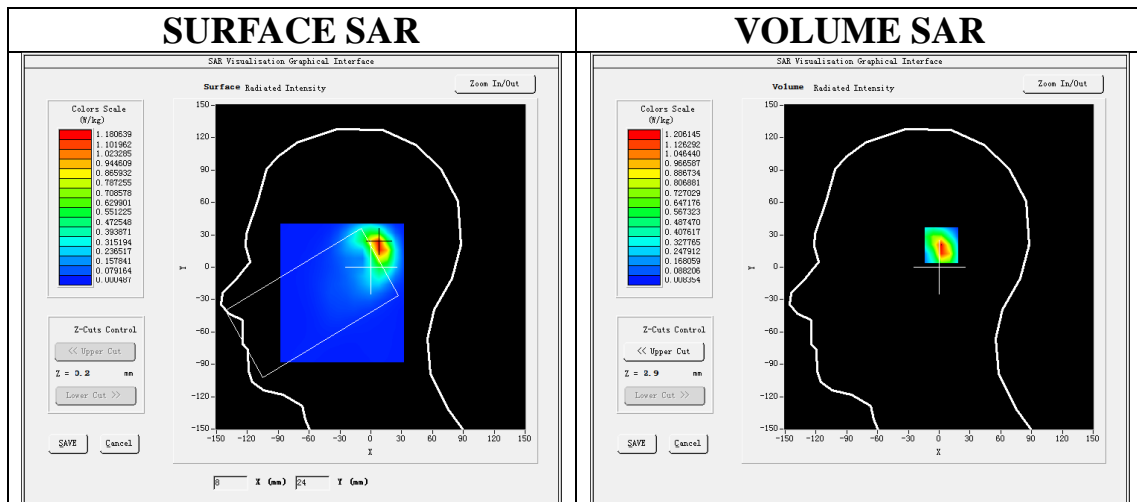
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon r = 39.53$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 Mid-Tilt-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Tilt-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

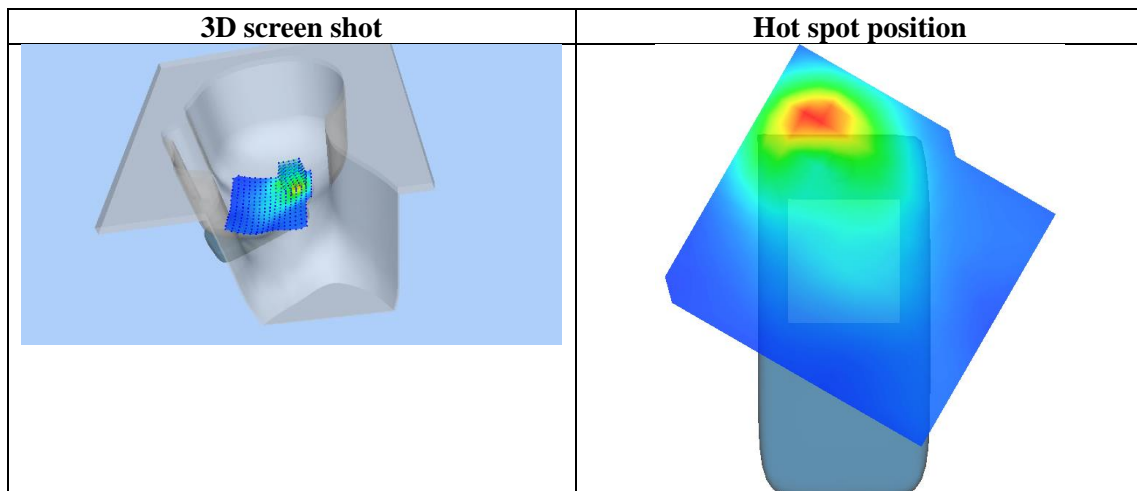
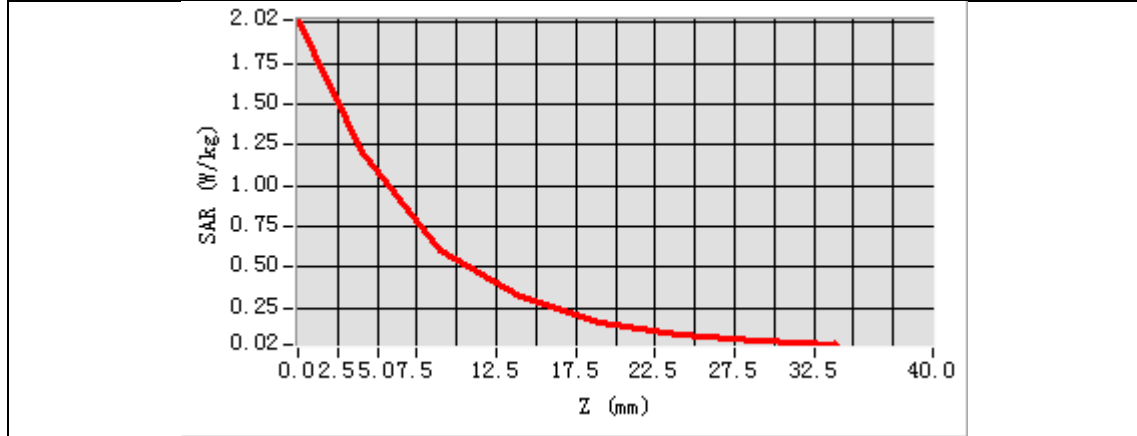
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=8.00, Y=21.00
SAR Peak: 2.27 W/kg

SAR 10g (W/Kg)	0.497822
SAR 1g (W/Kg)	1.156253

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0184	1.2061	0.6007	0.3139	0.1617	0.0804	0.0458



Test Laboratory: AGC Lab

Date: May 25,2020

WCDMA Band V Low-Touch-Right (RMC)

DUT: Mara Phones X1; Type: Mara Phones X1

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD ; Duty Cycle:1: 1; Conv.F=5.05; Frequency: 826.4 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 40.75$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Right Section Ambient temperature ($^{\circ}\text{C}$): 21.0, Liquid temperature ($^{\circ}\text{C}$): 20.7

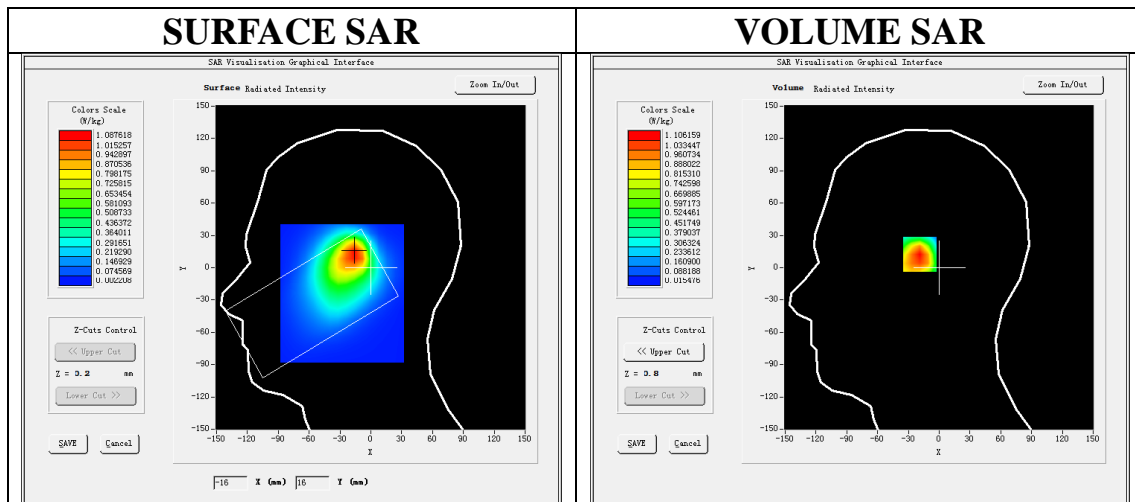
SATIMO Configuration:

- Probe: SSE5; Calibrated: Jun. 04,2019; Serial No.: SN 22/16 EP315
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band V Low-Touch-Right/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

Configuration/ WCDMA Band V Low-Touch-Right/Zoom Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

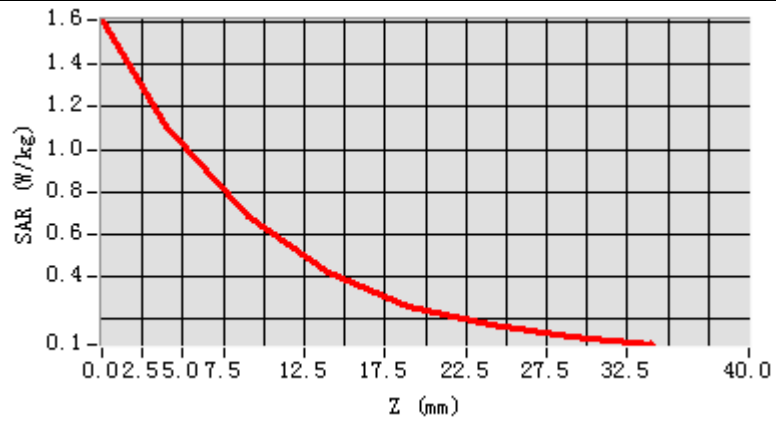


Maximum location: X=-16.00, Y=14.00

SAR Peak: 1.69 W/kg

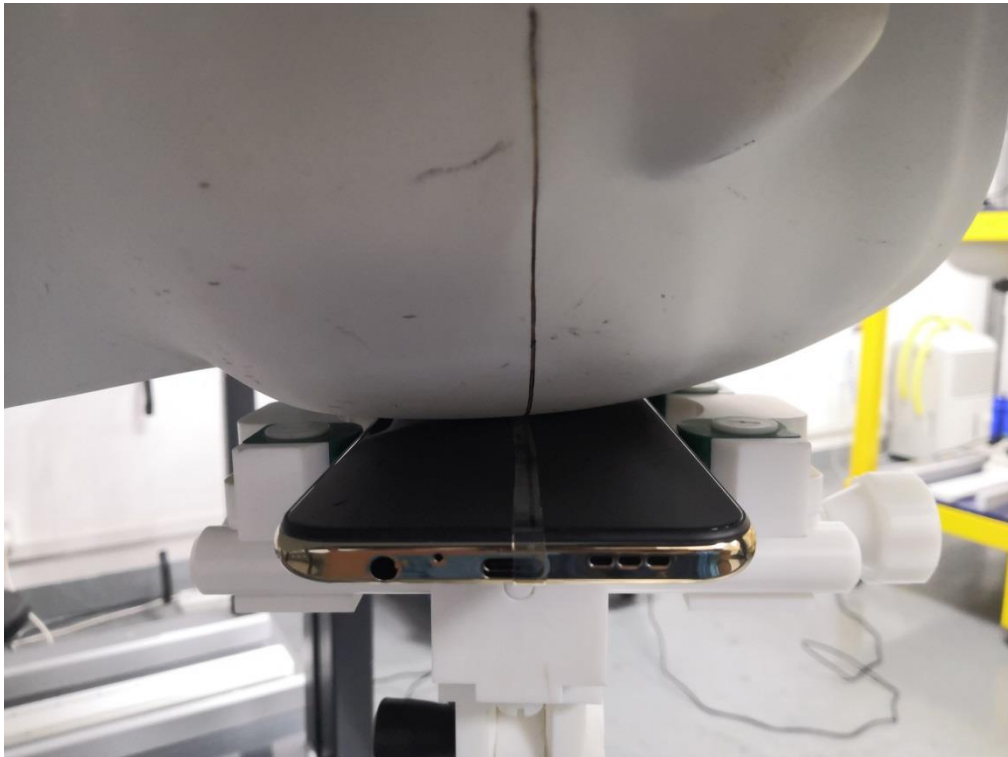
SAR 10g (W/Kg)	0.633765
SAR 1g (W/Kg)	1.053250

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.6131	1.1062	0.6791	0.4167	0.2586	0.1705	0.1107

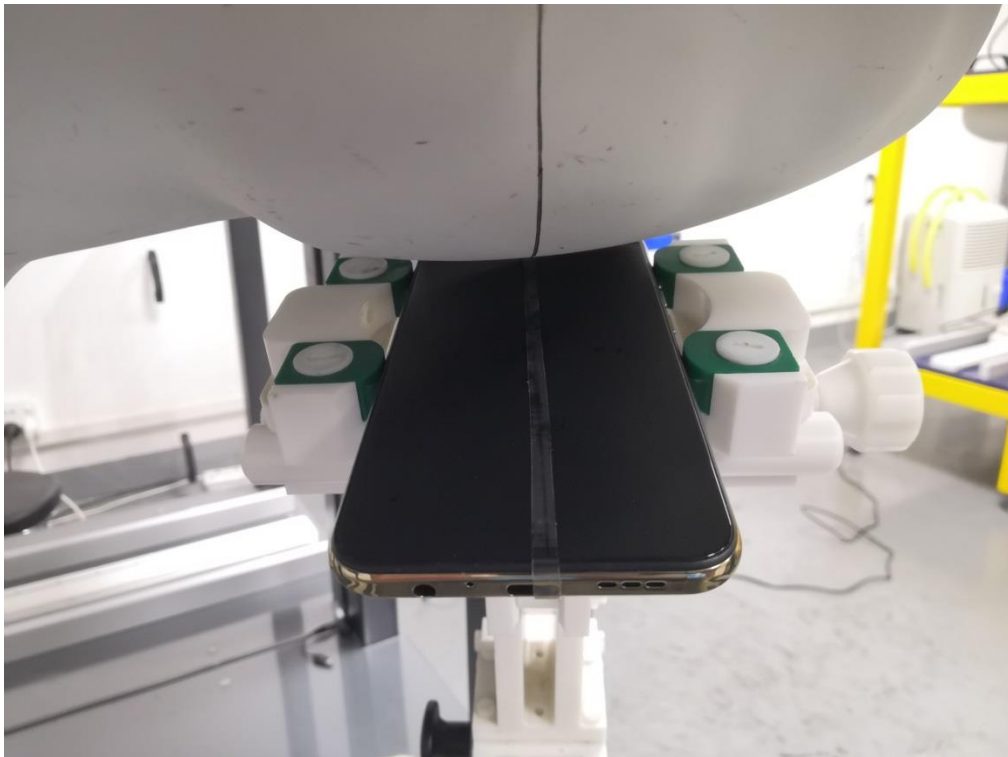


3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, bowl-shaped device. A small rectangular area on the inner surface of the bowl is highlighted with a color-coded heatmap, showing a central red/orange area transitioning to yellow, green, and blue towards the edges.</p>	<p>A close-up 3D view of the hot spot area from the previous image. The heatmap is more prominent, showing a central red/orange core surrounded by yellow, green, and blue concentric regions, indicating the highest SAR values are concentrated in the center.</p>

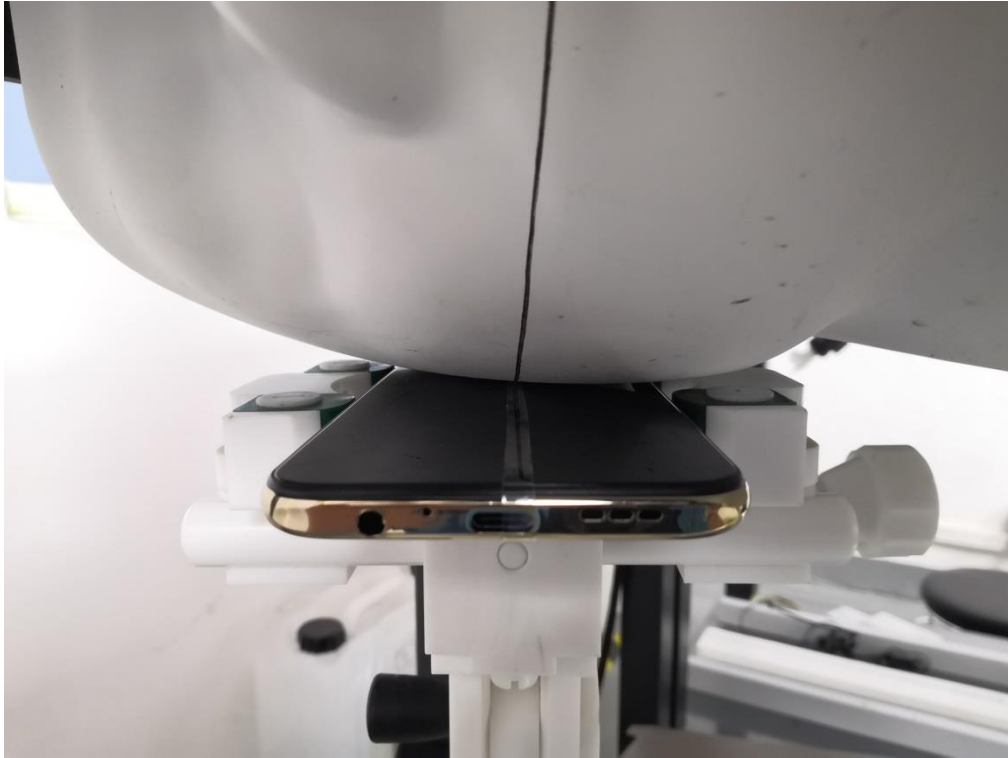
APPENDIX C. TEST SETUP PHOTOGRAPHS
LEFT-CHEEK TOUCH



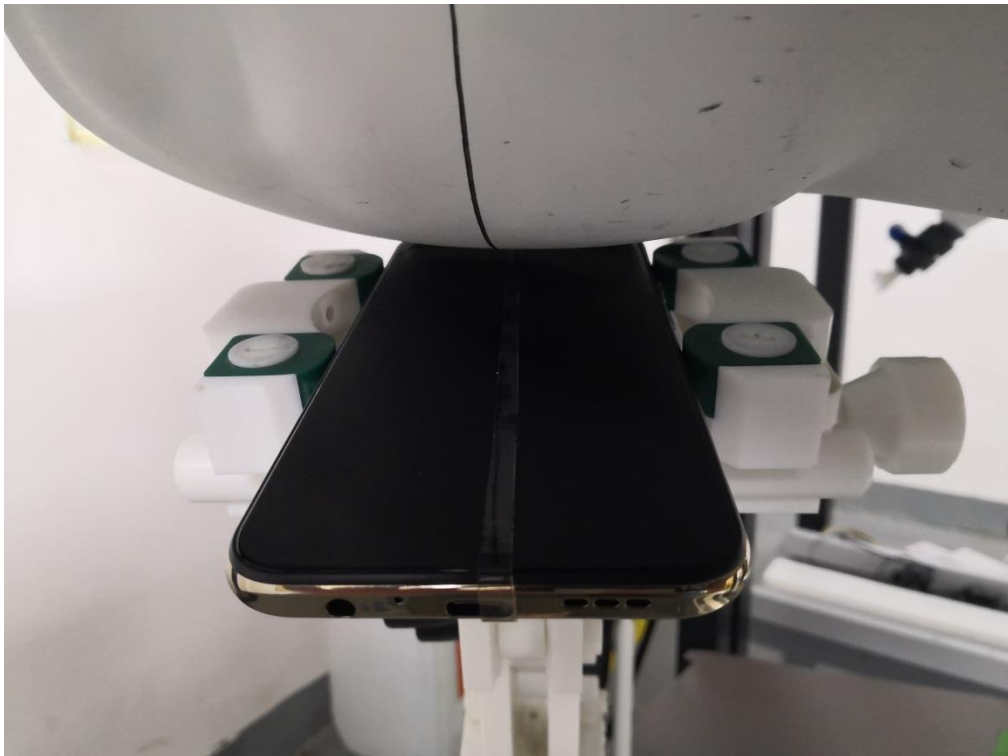
LEFT-TILT 15°



RIGHT- CHEEK TOUCH



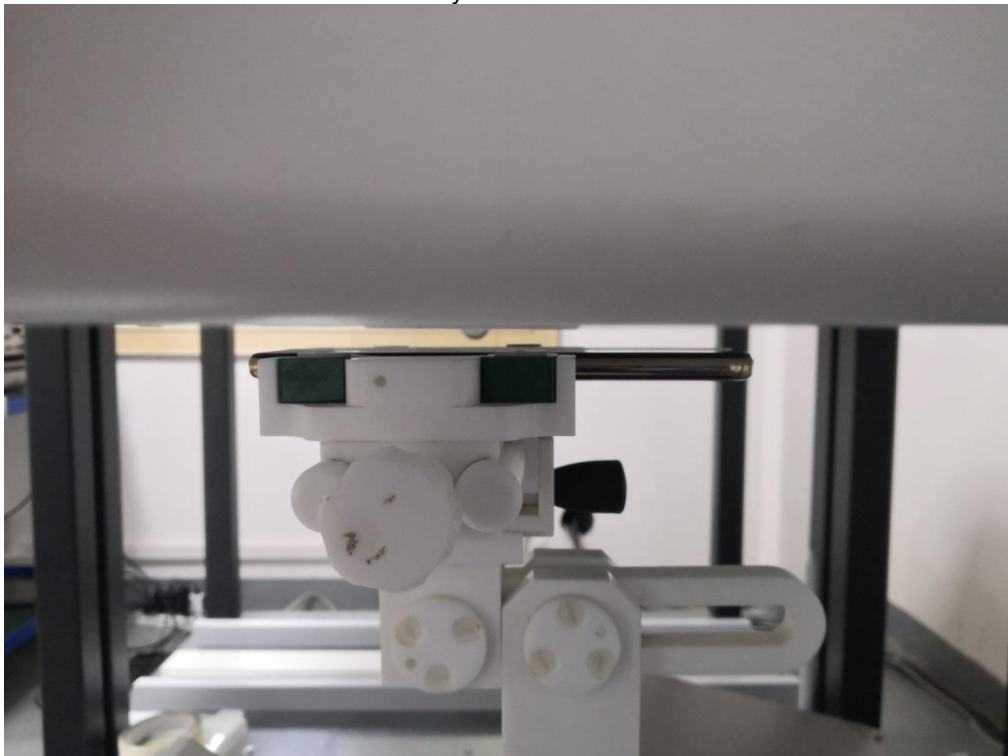
RIGHT-TILT 15°



Body Back 10mm



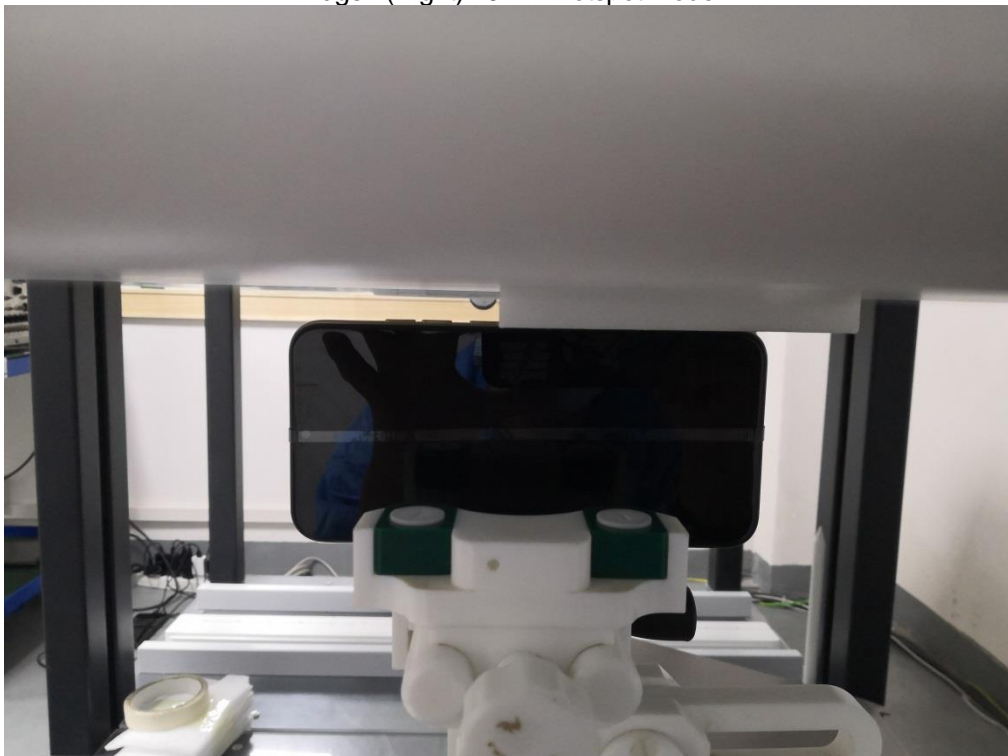
Body Front 10mm



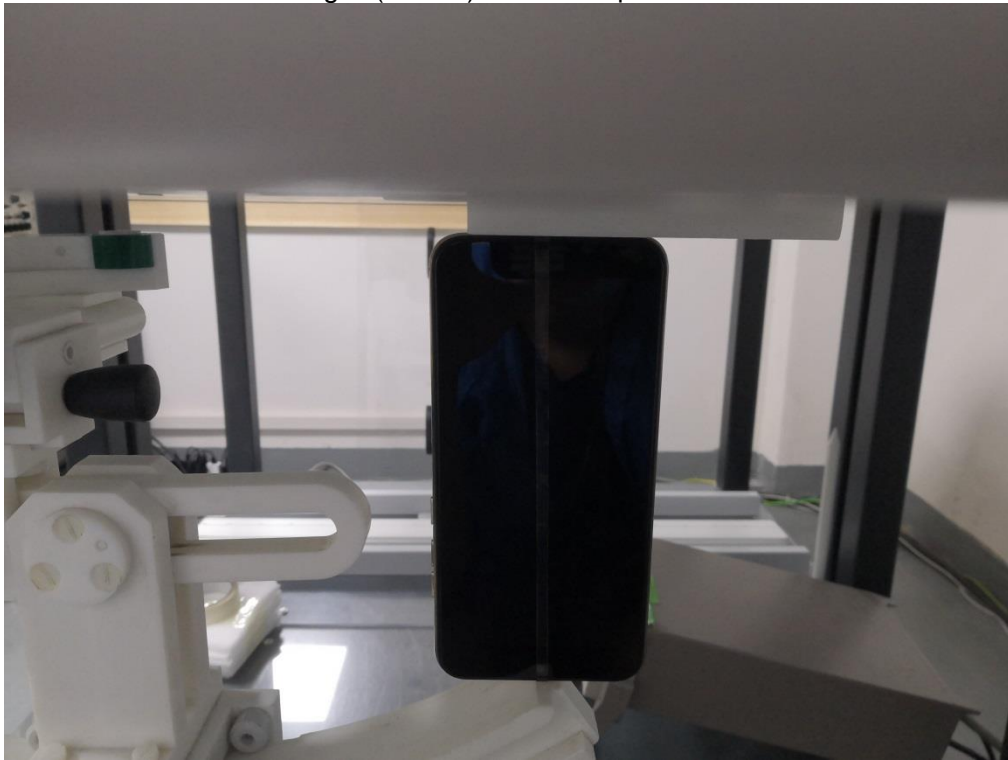
Edge 1(Top) 10mm-Hotspot Mode



Edge 2(Right) 10mm-Hotspot Mode



Edge 3(Bottom) 10mm-Hotspot Mode

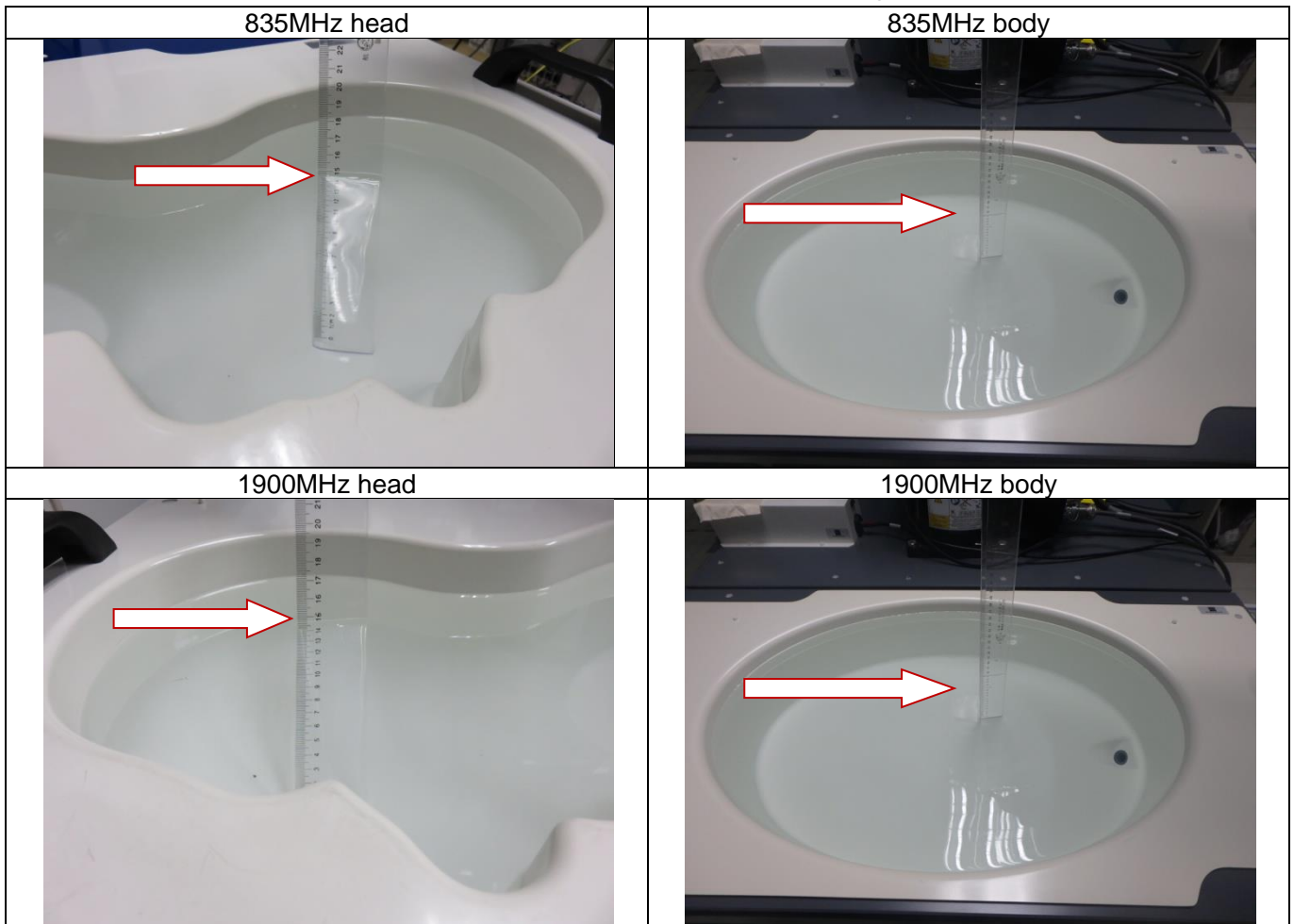


Edge 4(Left) 10mm-Hotspot Mode



DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

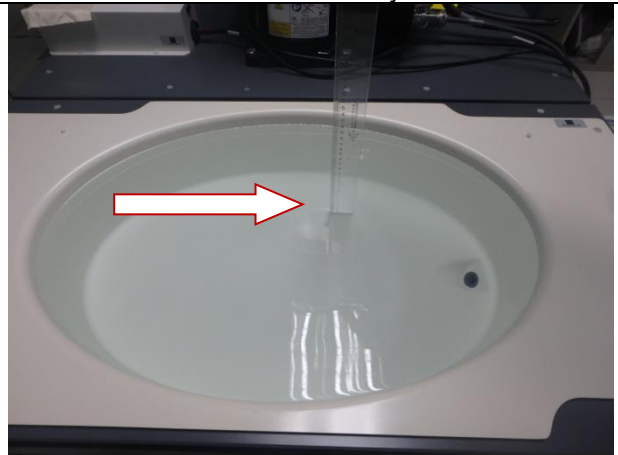
Note : The position used in the measurement were according to IEEE 1528-2013



2300MHz head



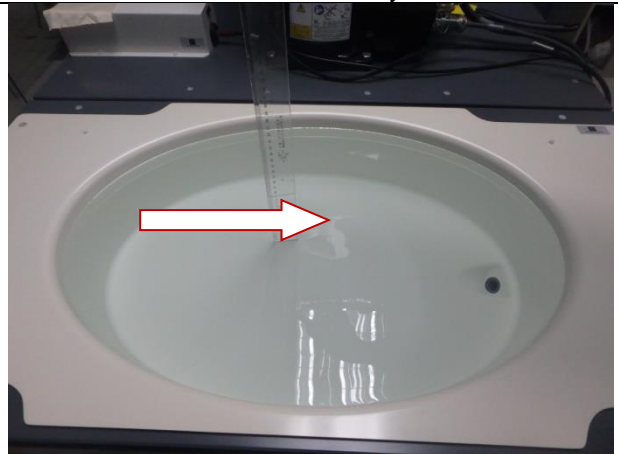
2300MHz body



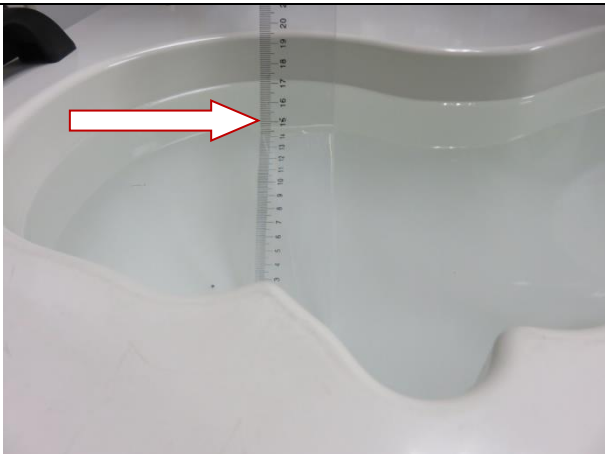
2450MHz head



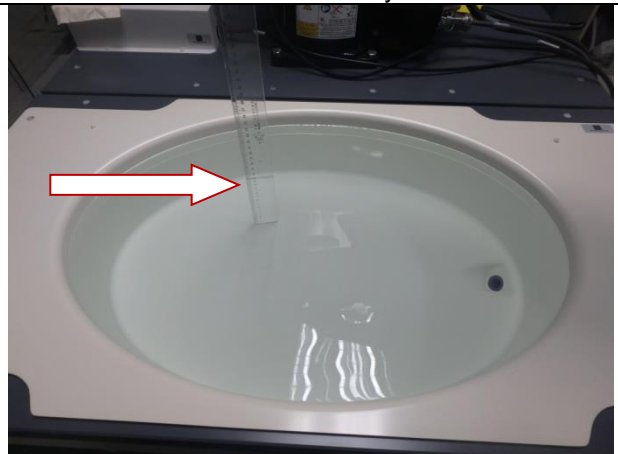
2450MHz body



2600MHz head



2600MHz body



APPENDIX D. CALIBRATION DATA

Refer to Attached files.