

Test Laboratory: AGC Lab
System Check Head 1900MHz

Date: May 28,2020

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=4.48
Frequency: 1900 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.42$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):20.1, Liquid temperature (°C): 19.8

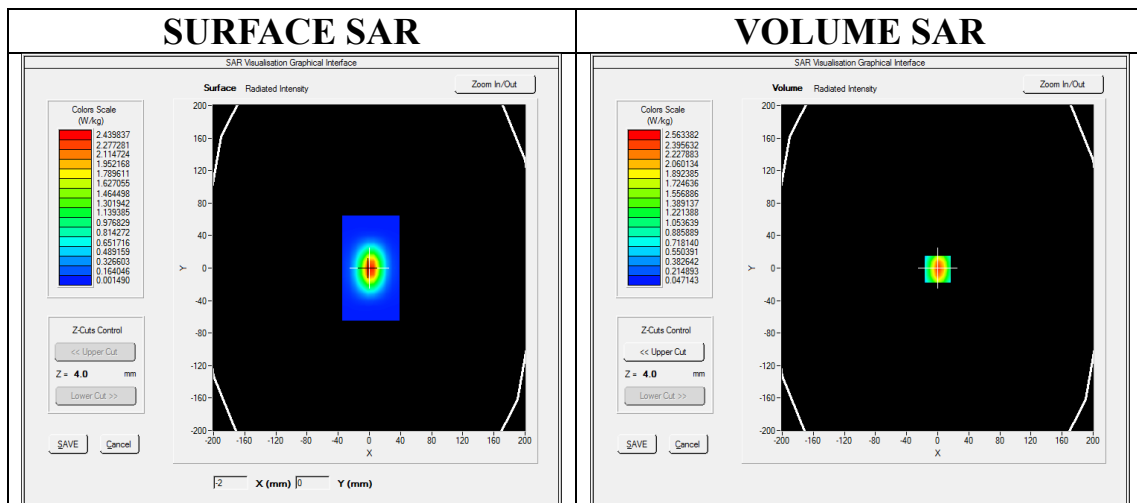
SATIMO Configuration:

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

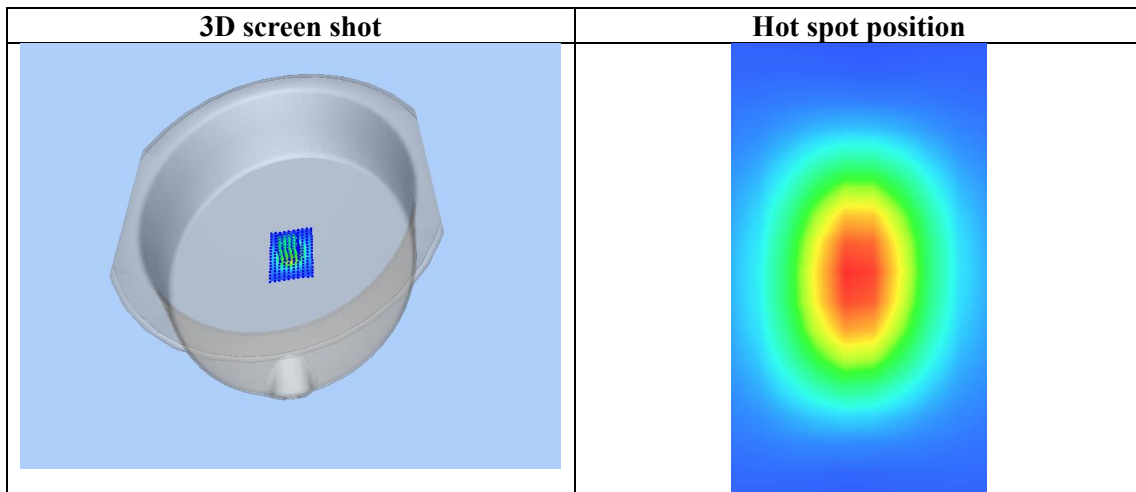
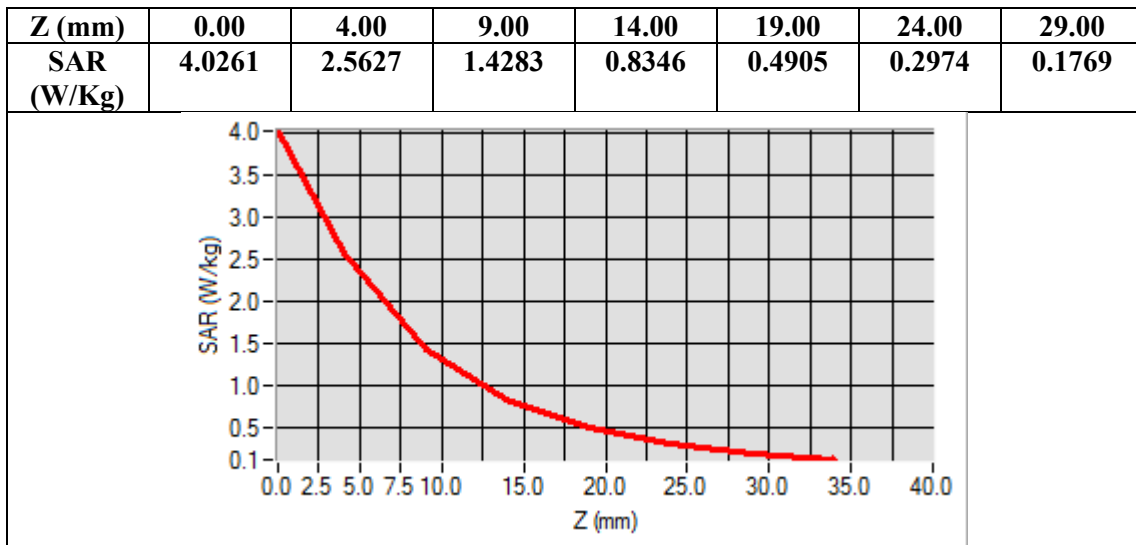
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=0.00, Y=-1.00
SAR Peak: 4.03 W/kg

SAR 10g (W/Kg)	1.218637
SAR 1g (W/Kg)	2.415468



Test Laboratory: AGC Lab
System Check Head 1900MHz

Date: May 27,2020

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=4.48
Frequency: 1900 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.34$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):20.3, Liquid temperature (°C): 20.1

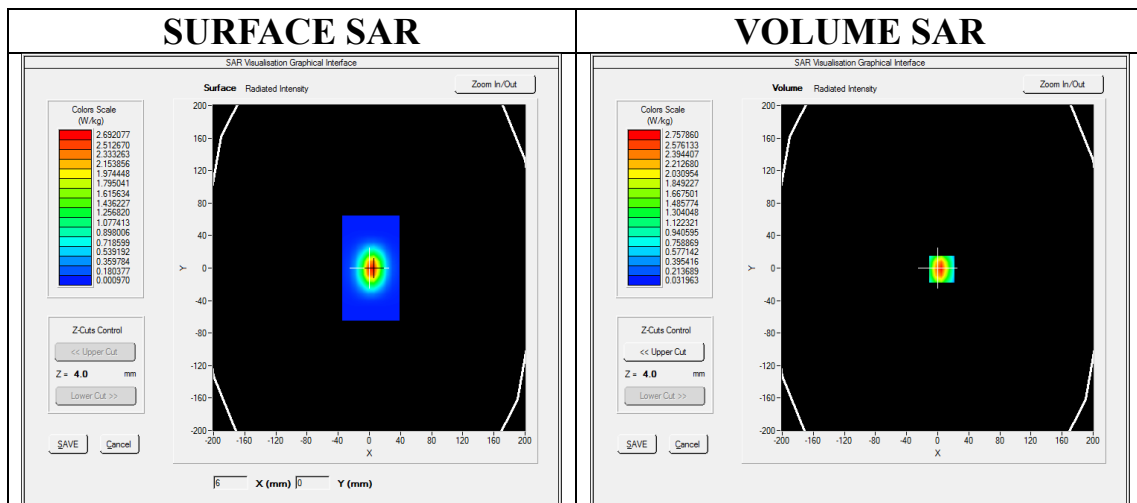
SATIMO Configuration:

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

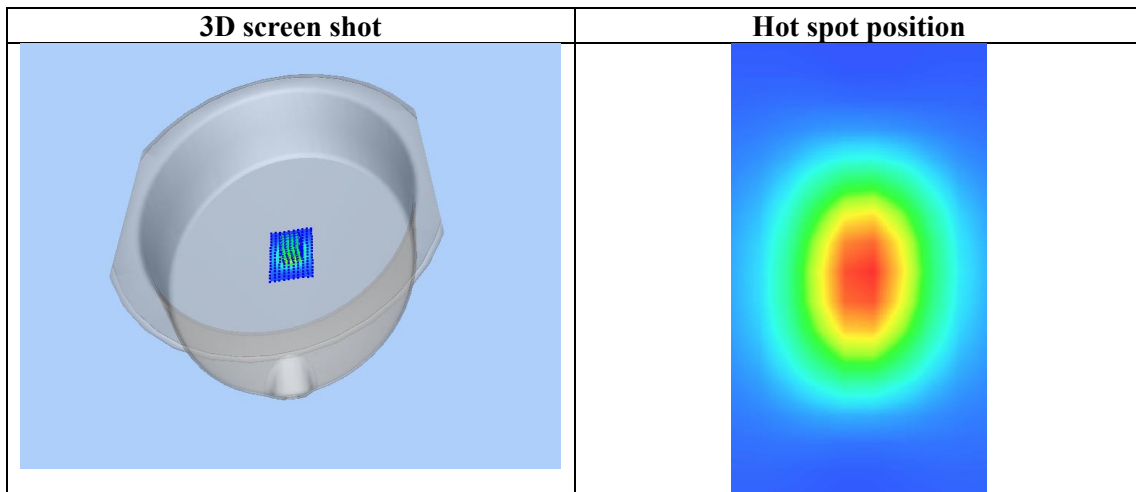
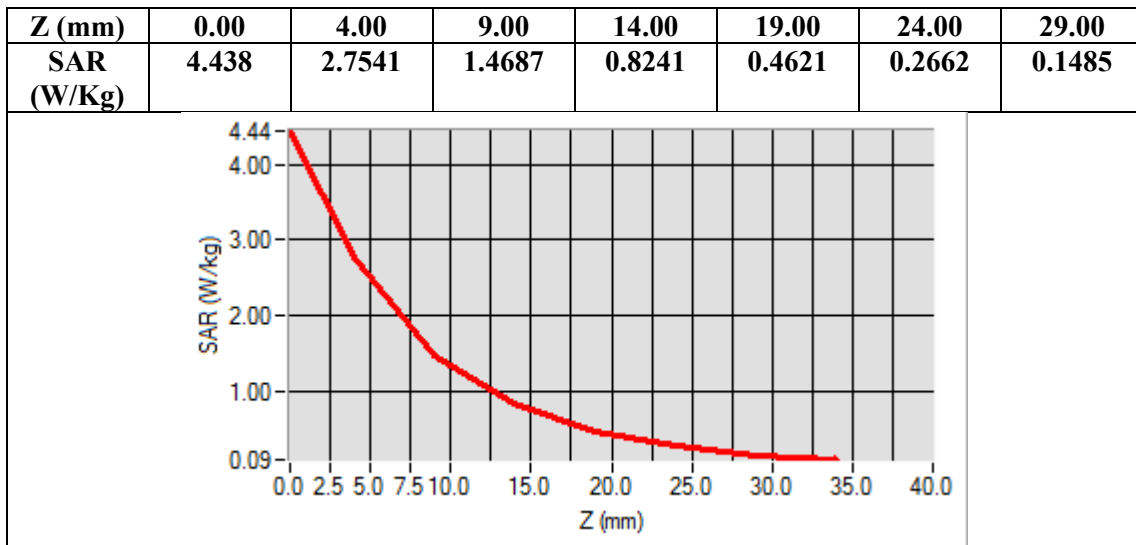
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=5.00, Y=-1.00
SAR Peak: 4.49 W/kg

SAR 10g (W/Kg)	1.304158
SAR 1g (W/Kg)	2.623914



Test Laboratory: AGC Lab
System Check Head 2450 MHz

Date: May 30,2020

DUT: Dipole 2450 MHz Type: SID 2450

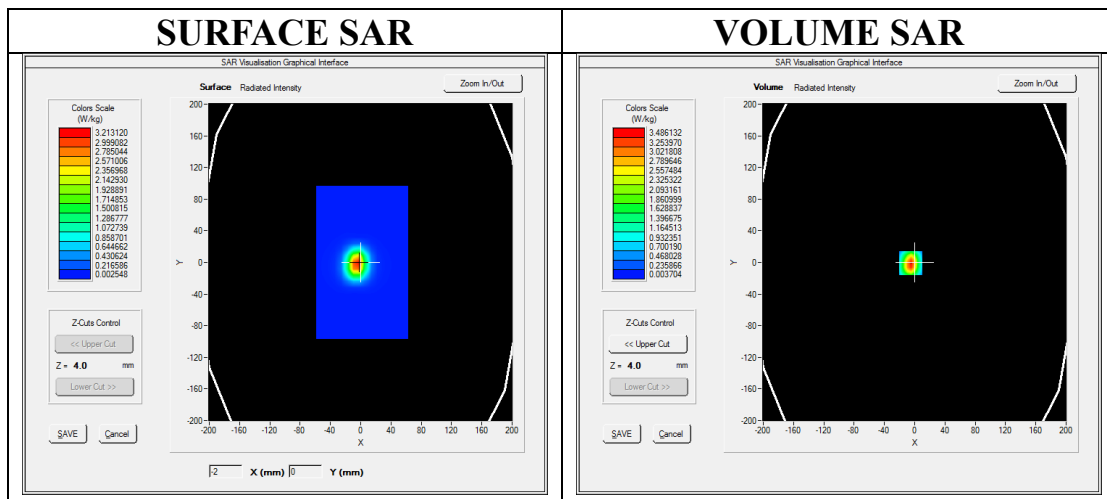
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=4.12
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.75$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):20.6, Liquid temperature (°C): 20.3

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 2450MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm

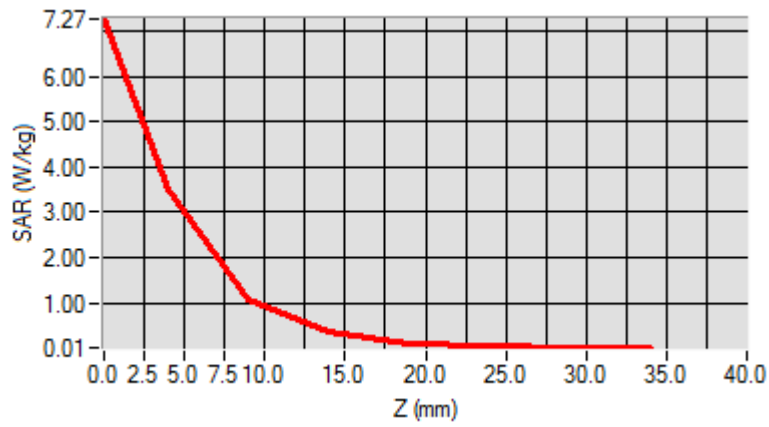
Configuration/System Check 2450MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm



Maximum location: X=-5.00, Y=-1.00
SAR Peak: 7.12 W/kg

SAR 10g (W/Kg)	1.504158
SAR 1g (W/Kg)	3.262684

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	7.2725	3.4847	1.0871	0.3462	0.1125	0.0447	0.0165



3D screen shot	Hot spot position
<p>A 3D perspective view of a white, bowl-shaped object. A blue grid is overlaid on the flat base of the bowl, indicating the location of the hot spot.</p>	<p>A 2D heatmap showing the hot spot position. The hot spot is a circular area with a red center, transitioning through yellow and green to a blue background. The hot spot is centered within a rectangular area.</p>

Test Laboratory: AGC Lab
System Check Head 2600MHz

Date: May 18,2020

DUT: Dipole 2600 MHz; Type: SID 2600

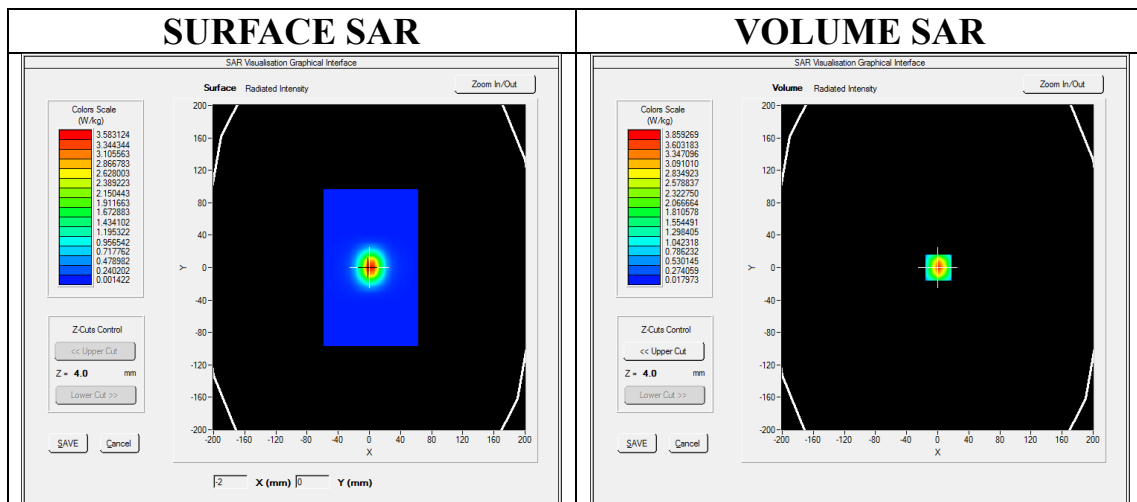
Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1; Conv.F=3.77
Frequency:2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 38.67$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 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/System Check 2600 Head/Area Scan: Measurement grid: dx=8mm,dy=8mm

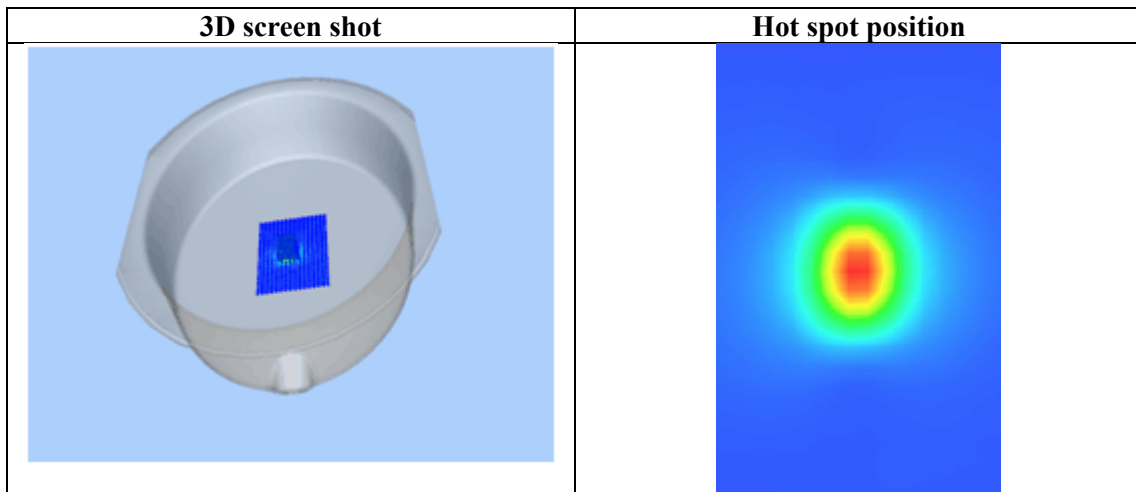
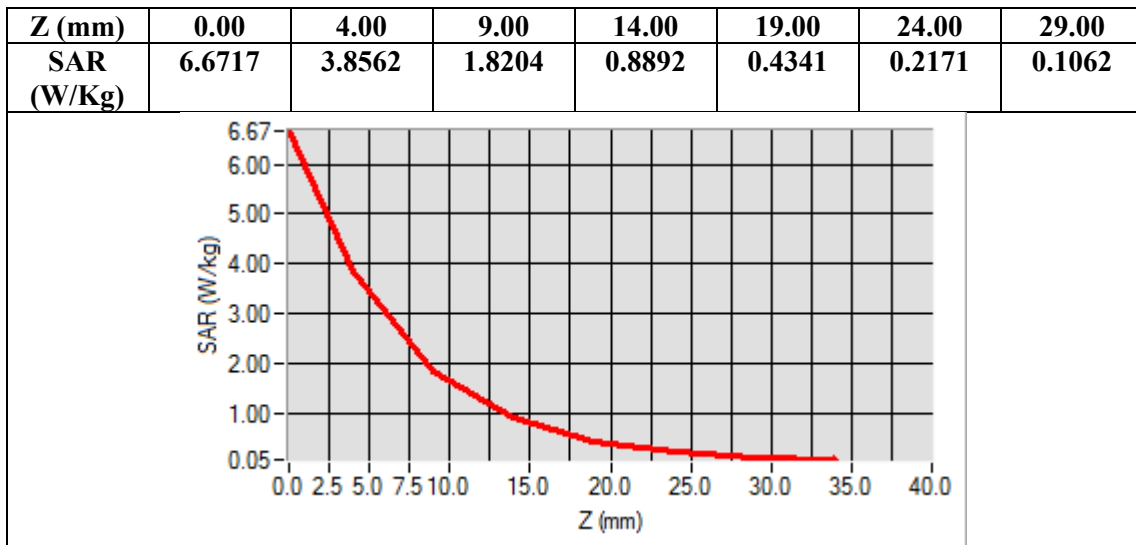
Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm



Maximum location: X=1.00, Y=0.00

SAR Peak: 6.63 W/kg

SAR 10g (W/Kg)	1.618343
SAR 1g (W/Kg)	3.584621



APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab

Date: May 31,2020

GSM 850 Mid- Touch-Right <SIM 1>

DUT: Smart Phone; Type: ClearPHONE 220

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; $\sigma = 0.93$ mho/m; $\epsilon_r = 39.72$; $\rho = 1000$ kg/m³ ; Phantom section: Right Section
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.5

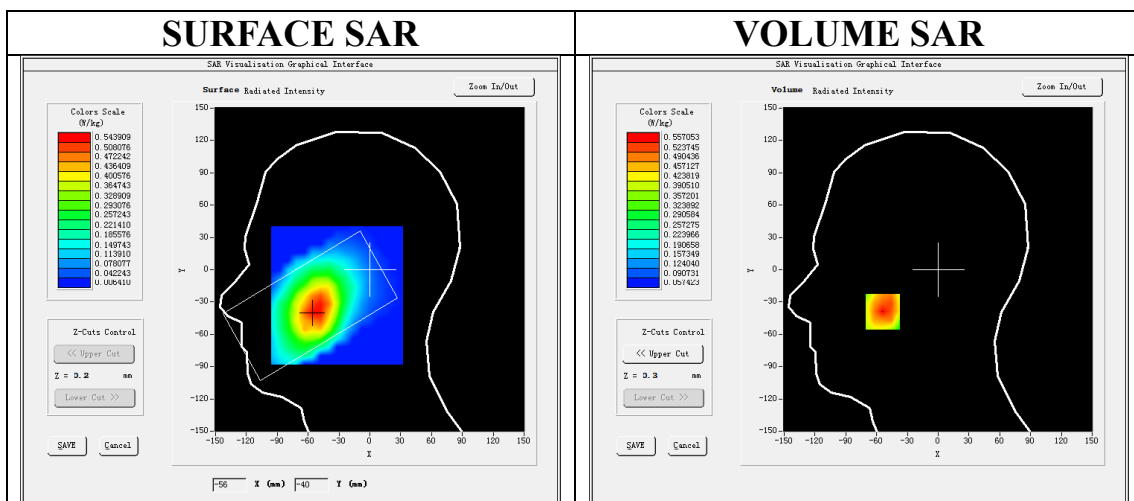
SATIMO Configuration:

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

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

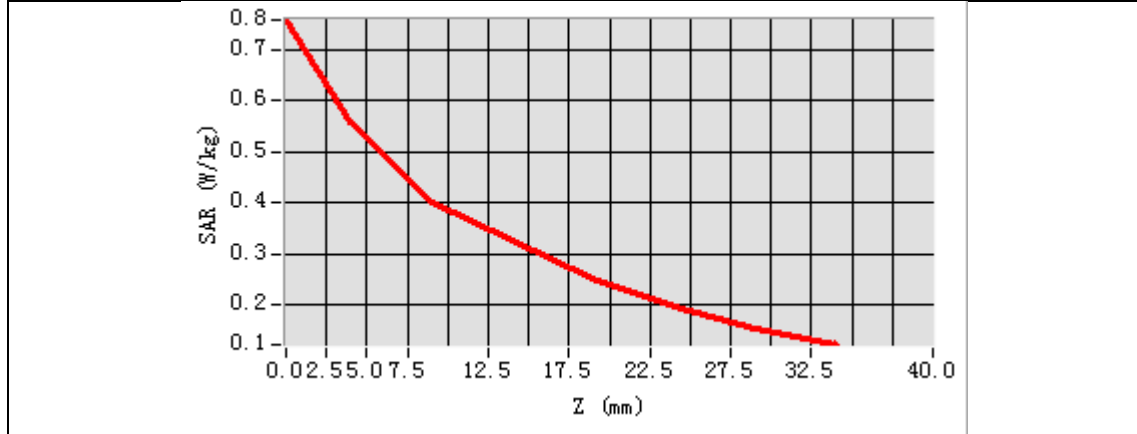


Maximum location: X=-54.00, Y=-39.00

SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)	0.380912
SAR 1g (W/Kg)	0.543931

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7580	0.5571	0.3996	0.3280	0.2533	0.1957	0.1537



3D screen shot	Hot spot position
<p>A 3D perspective view of a mobile phone model. The back cover is highlighted with a color-coded SAR distribution, showing a hot spot in the center. The phone is shown in a slightly tilted position against a light blue background.</p>	<p>A 2D top-down view of the hot spot position on the back cover of the phone. The distribution is color-coded, with a central red area indicating the highest SAR value, transitioning through yellow and green to blue at the edges. The phone's outline is visible in a light blue color.</p>

Test Laboratory: AGC Lab
GSM 850 Mid- Body- Front (MS) <SIM 1>
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 31,2020

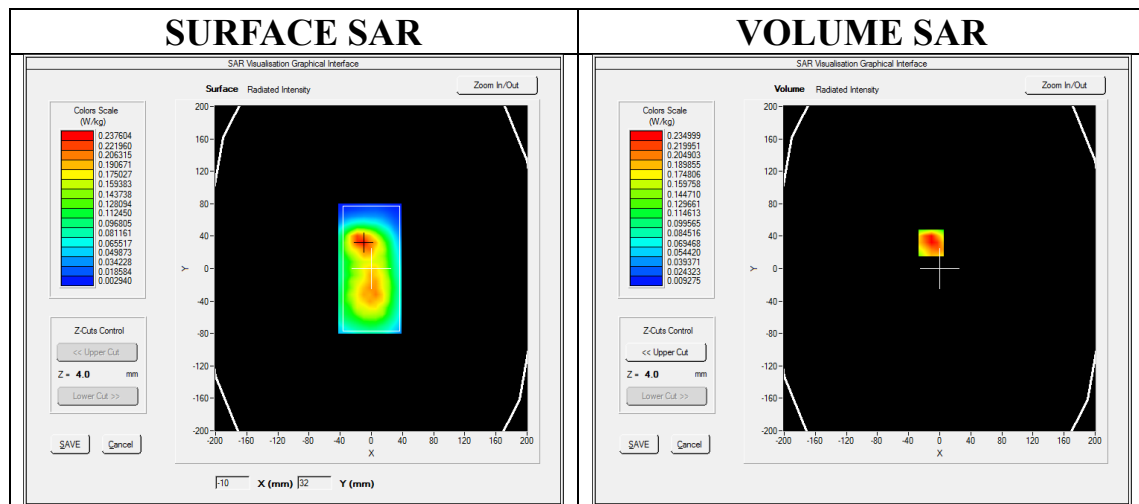
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.19;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon r = 39.72$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.8, Liquid temperature (°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/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	Validation plane
Device Position	Body Front
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

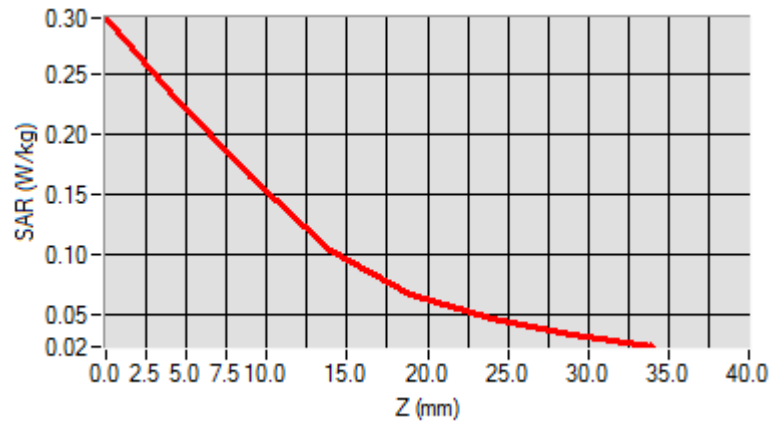


Maximum location: X=-11.00, Y=32.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.144254
SAR 1g (W/Kg)	0.227571

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2963	0.2350	0.1652	0.1031	0.0664	0.0459	0.0323



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, green, blue, yellow) representing the location of the SAR measurement.</p>	<p>A vertical heatmap showing the distribution of SAR values. The top portion of the heatmap is red and orange, indicating high SAR values, while the bottom portion is green and yellow, indicating lower SAR values. This corresponds to the hot spot position within the bowl shown in the 3D view.</p>

Test Laboratory: AGC Lab
GPRS 850 Mid- Body- Front (2up)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 31,2020

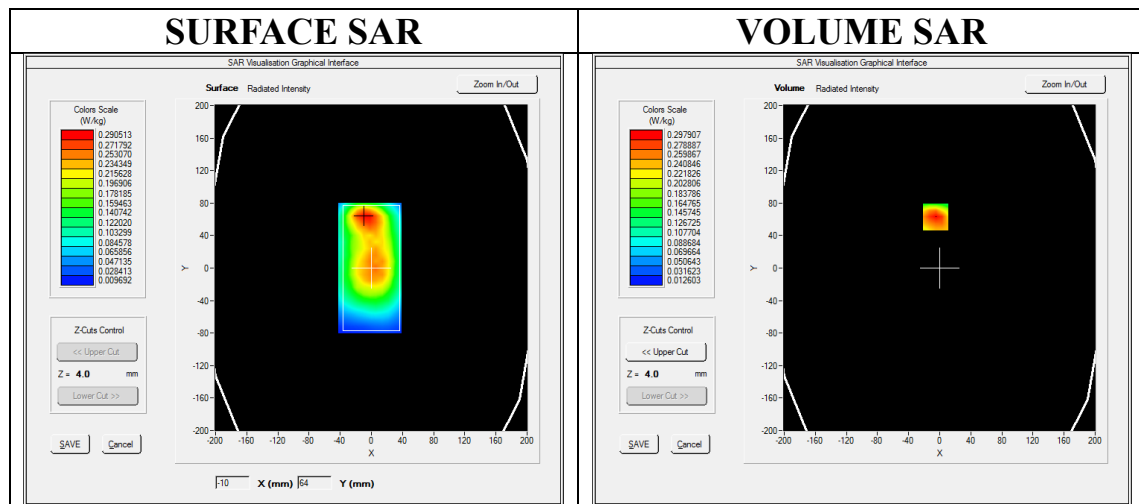
Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=5.19;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 39.72$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.8, Liquid temperature (°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/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;

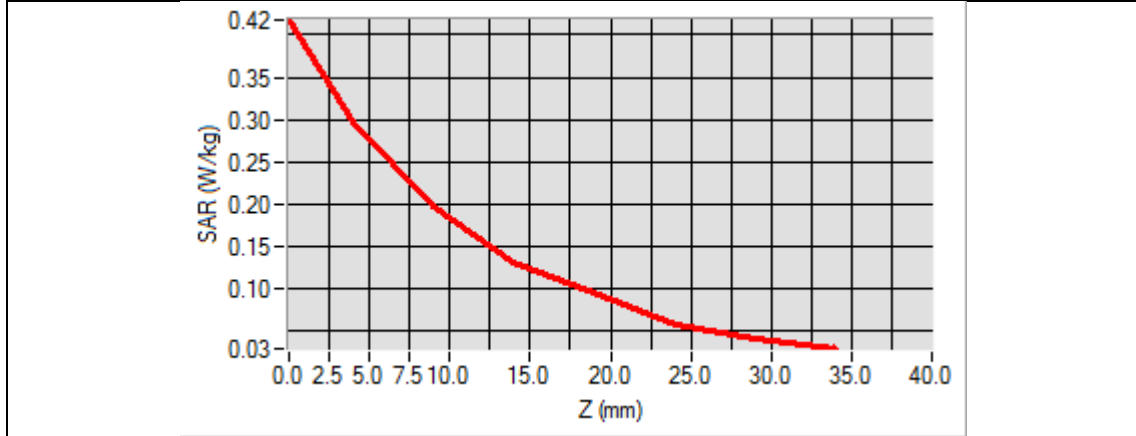
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Front
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=-5.00, Y=63.00
SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.184164
SAR 1g (W/Kg)	0.284357

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4176	0.2979	0.1981	0.1320	0.0949	0.0588	0.0425



3D screen shot	Hot spot position
<p>A 3D perspective view of a white, shallow bowl. Inside the bowl, there is a grid of small, multi-colored dots (red, yellow, green, blue) representing the spatial distribution of SAR values. The dots are concentrated in the center of the bowl's base.</p>	<p>A 2D heatmap showing the SAR distribution. The central region is colored red, indicating the highest SAR values. This transitions through orange and yellow to green and finally blue at the outer edges, representing a gradient of decreasing SAR values from the center outwards.</p>

Test Laboratory: AGC Lab
PCS 1900 Mid-Tilt-Right <SIM 1>
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 28,2020

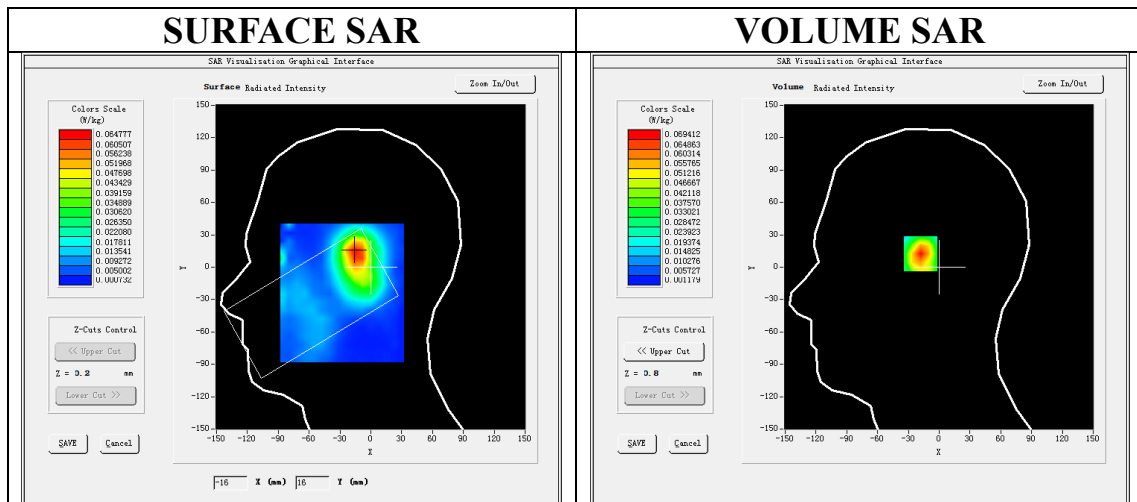
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 40.56$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.8

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)

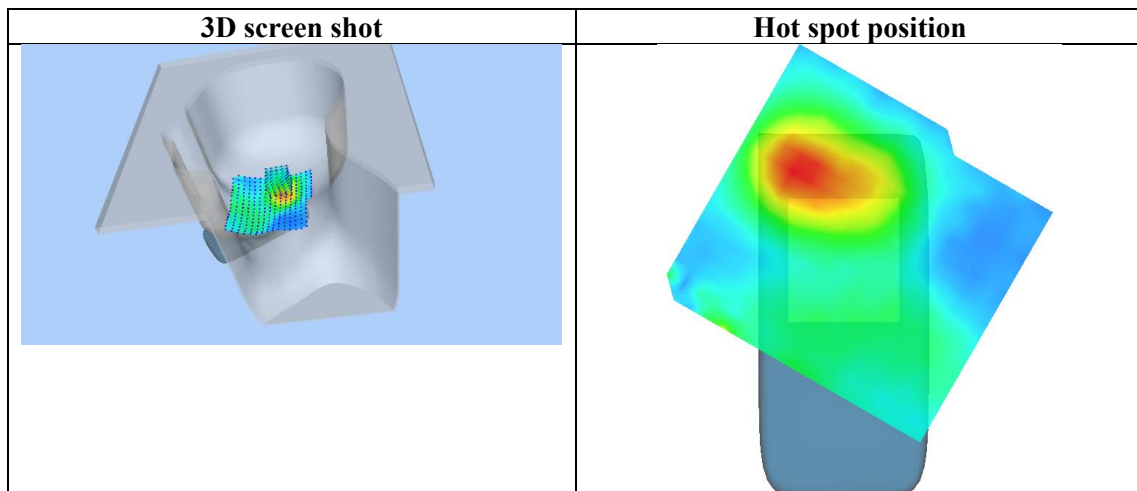
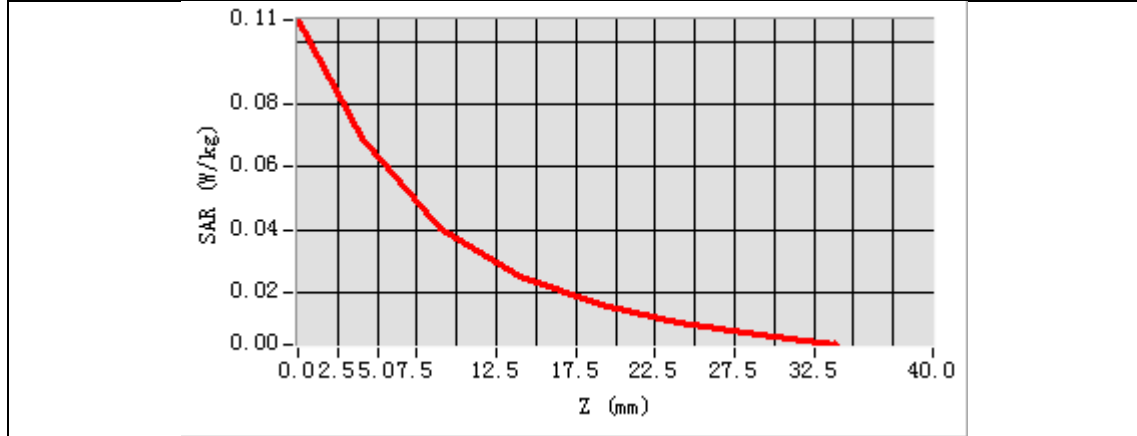


Maximum location: X=-15.00, Y=14.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.035514
SAR 1g (W/Kg)	0.064442

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1072	0.0694	0.0404	0.0248	0.0162	0.0104	0.0065



Test Laboratory: AGC Lab
PCS 1900 Mid-Body-Back (MS)<SIM 1>
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 28,2020

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=4.60;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.35$ mho/m; $\epsilon r = 40.56$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.8

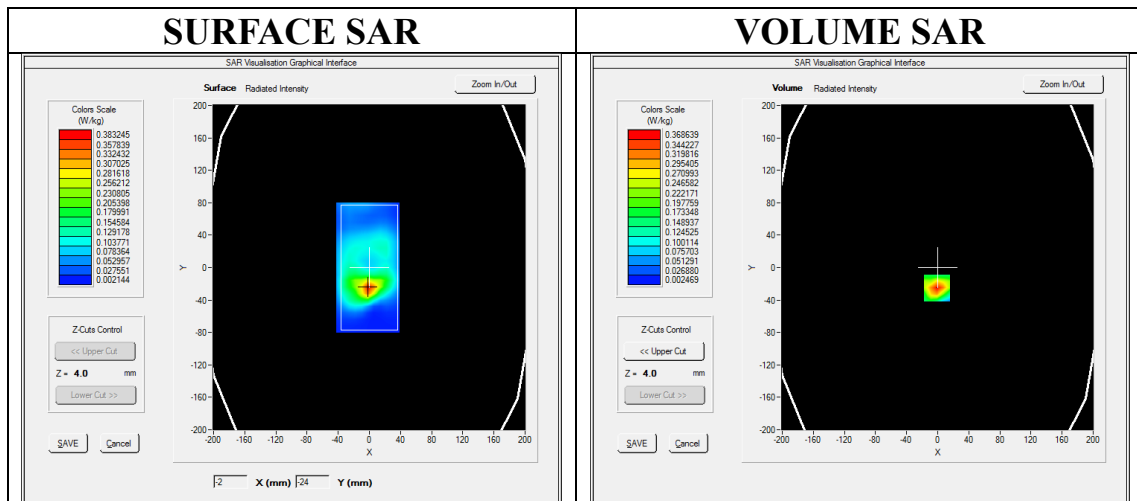
SATIMO Configuration:

- 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-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm

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

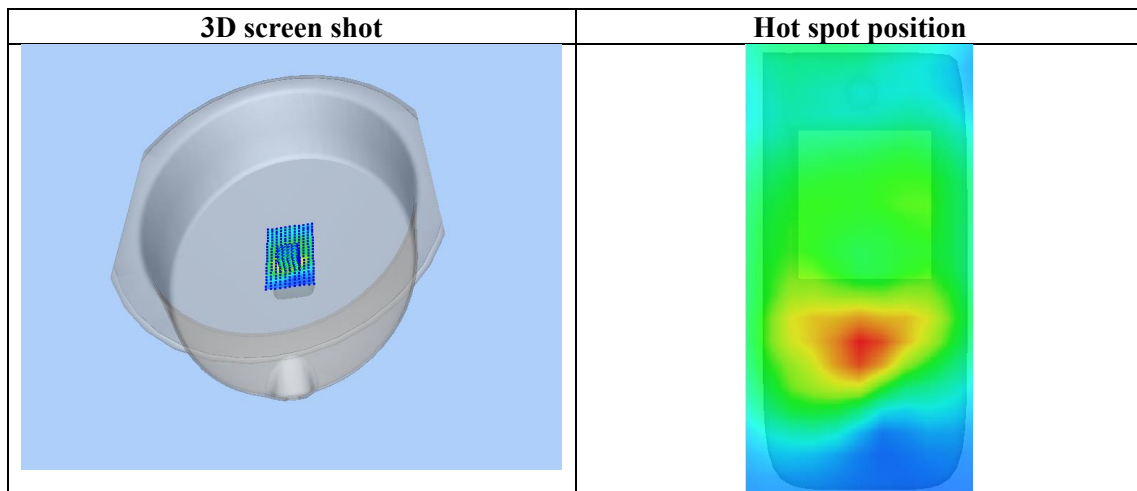
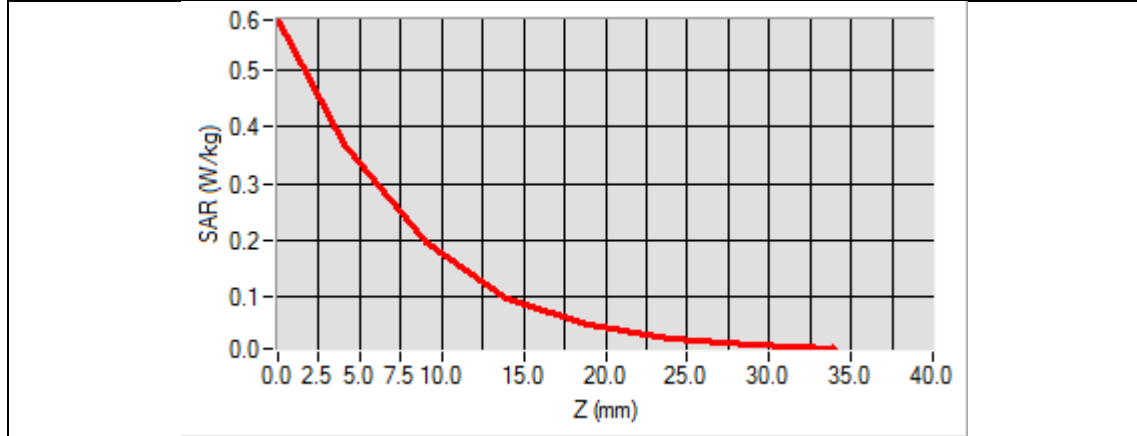


Maximum location: X=-1.00, Y=-25.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.167891
SAR 1g (W/Kg)	0.344800

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5902	0.3686	0.1955	0.0966	0.0502	0.0249	0.0125



Test Laboratory: AGC Lab
GPRS 1900 Mid-Body-Back (3up)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 28,2020

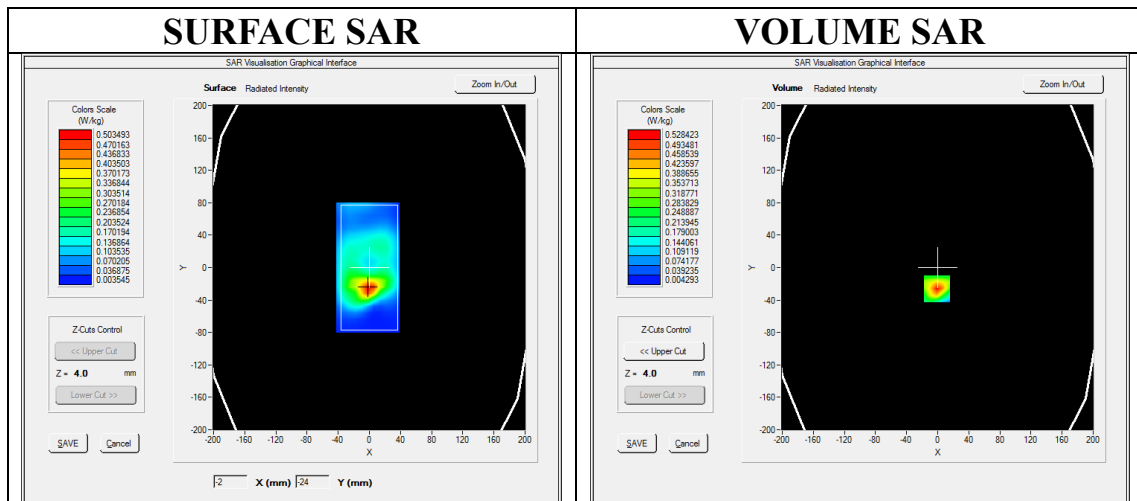
Communication System: GPRS-3Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7; Conv.F=4.60;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.35$ mho/m; $\epsilon r = 40.56$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.8

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-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS1900 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,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 2.7)

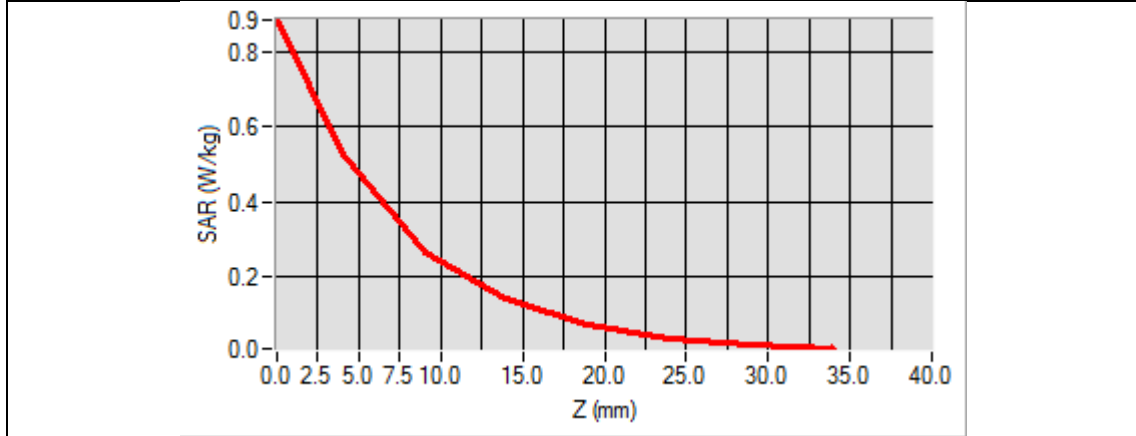


Maximum location: X=-1.00, Y=-26.00

SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)	0.240500
SAR 1g (W/Kg)	0.493748

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8826	0.5284	0.2650	0.1411	0.0723	0.0367	0.0190



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
WCDMA Band II Mid-Touch-Right (RMC)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 28,2020

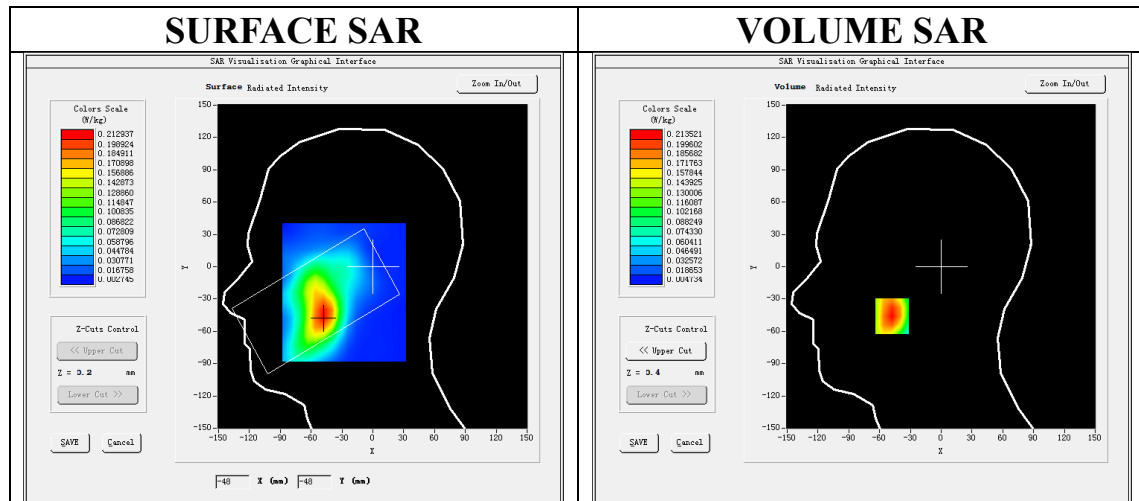
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=4.48;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.35$ mho/m; $\epsilon r = 40.56$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.8

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;

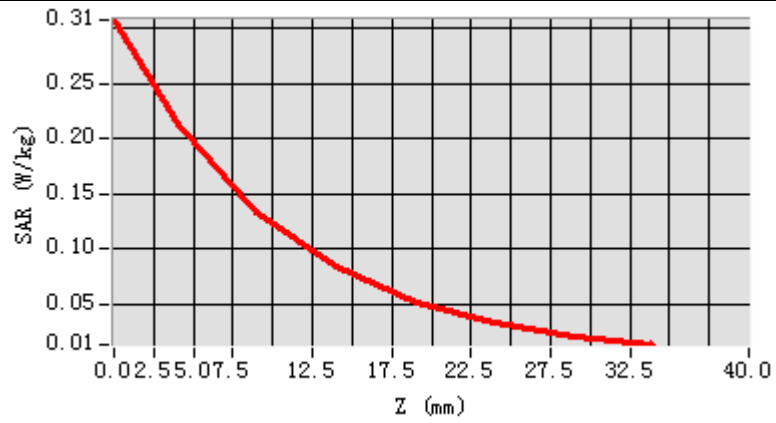
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-48.00, Y=-46.00
SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.121510
SAR 1g (W/Kg)	0.203387

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3073	0.2135	0.1335	0.0843	0.0521	0.0330	0.0205



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, bowl-shaped device. A grid of small, multi-colored dots (ranging from blue to red) is overlaid on the inner surface of the bowl, representing the spatial distribution of SAR values.</p>	<p>A 3D perspective view of the same grey device. A color-coded area is overlaid on the inner surface, showing a gradient from blue (low SAR) to red (high SAR). The highest SAR region (red) is concentrated in the center of the bowl's base, indicating the hot spot position.</p>

Test Laboratory: AGC Lab
WCDMA Band II Mid-Body-Towards Grounds (RMC 12.2kbps)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 28,2020

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=4.60;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 40.56$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.1, Liquid temperature (°C): 19.8

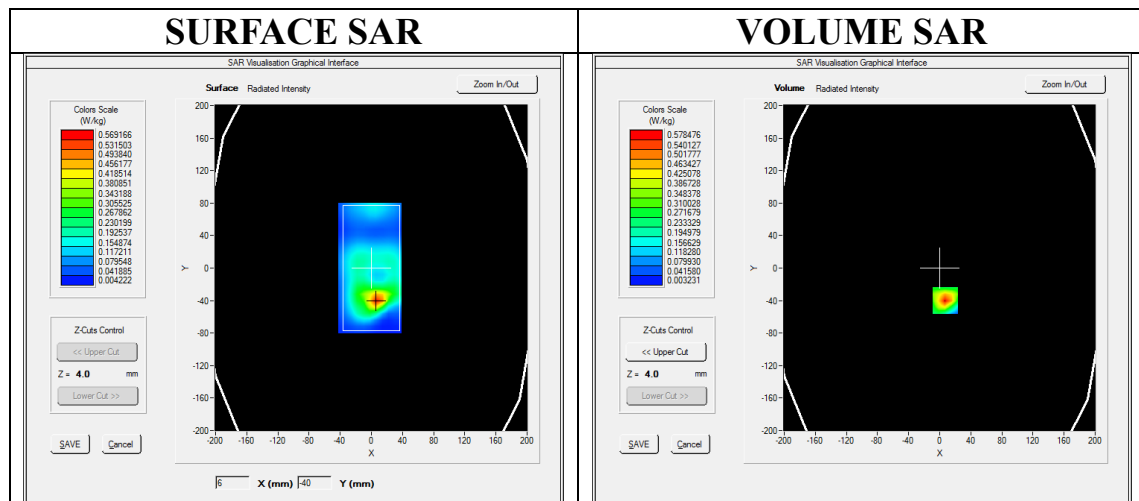
SATIMO Configuration:

- 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-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ WCDMA band II Mid-Body-back/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	Validation plane
Device Position	Body Back
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

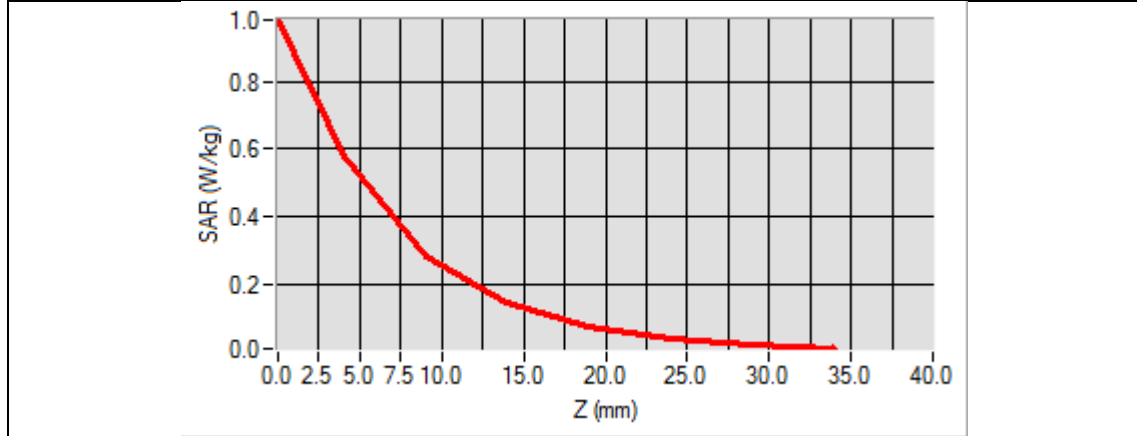


Maximum location: X=7.00, Y=-40.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.255168
SAR 1g (W/Kg)	0.538276

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9808	0.5785	0.2832	0.1436	0.0734	0.0376	0.0196



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
WCDMA Band IV Mid-Touch- Right (RMC)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 20,2020

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=4.05;
Frequency:1732.5 MHz; Medium parameters used: $f = 1800$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 41.69$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.4

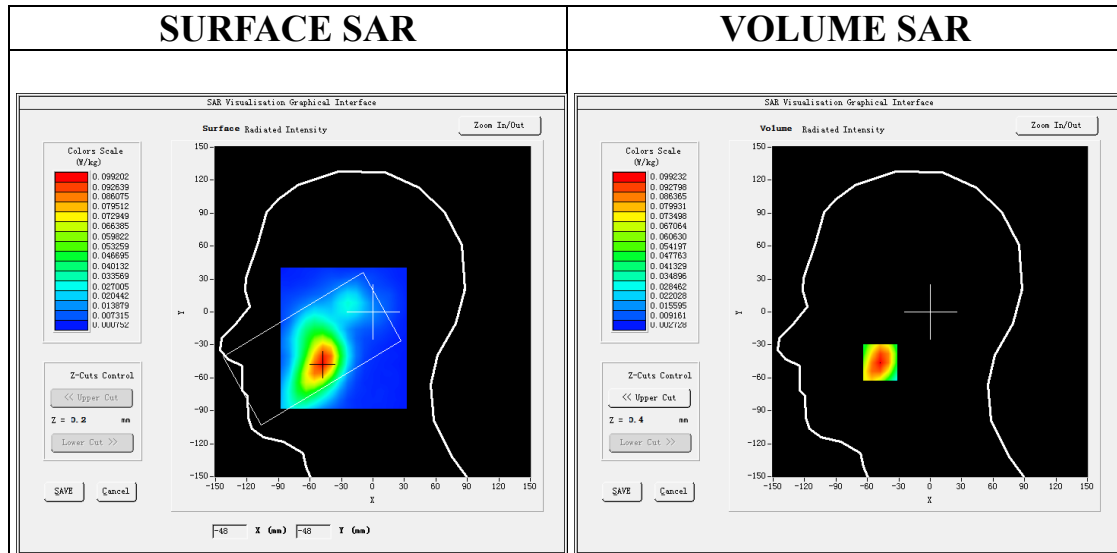
SATIMO Configuration:

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

Configuration/ WCDMA Band IV 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 IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

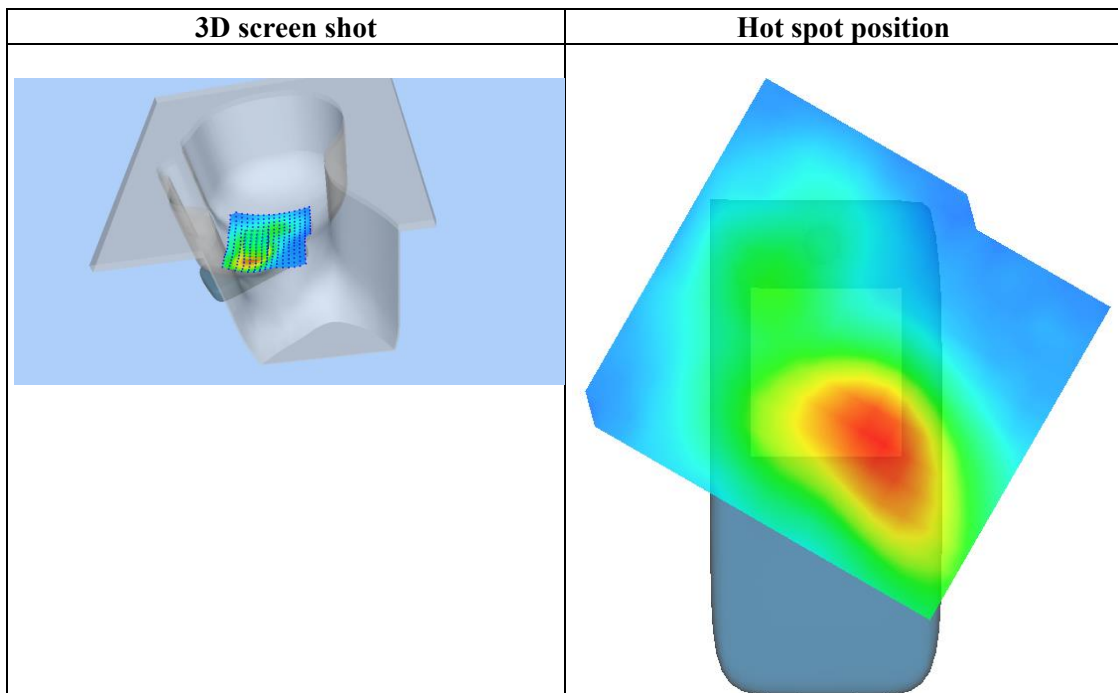
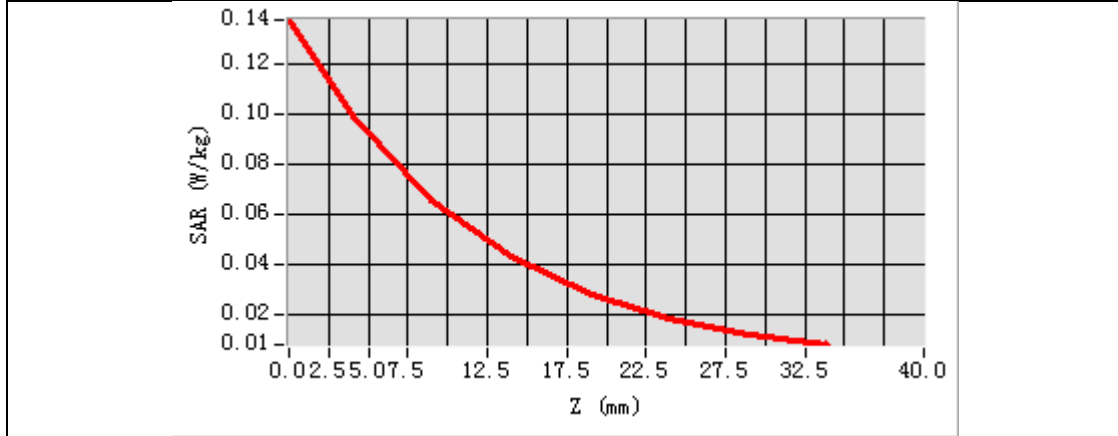


Maximum location: X=-48.00, Y=-46.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.057705
SAR 1g (W/Kg)	0.094433

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1373	0.0992	0.0655	0.0431	0.0283	0.0187	0.0123



Test Laboratory: AGC Lab
WCDMA Band IV Mid-Edge3 (RMC)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 20,2020

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=4.19;
Frequency:1732.5 MHz; Medium parameters used: $f = 1800$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 41.69$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.4

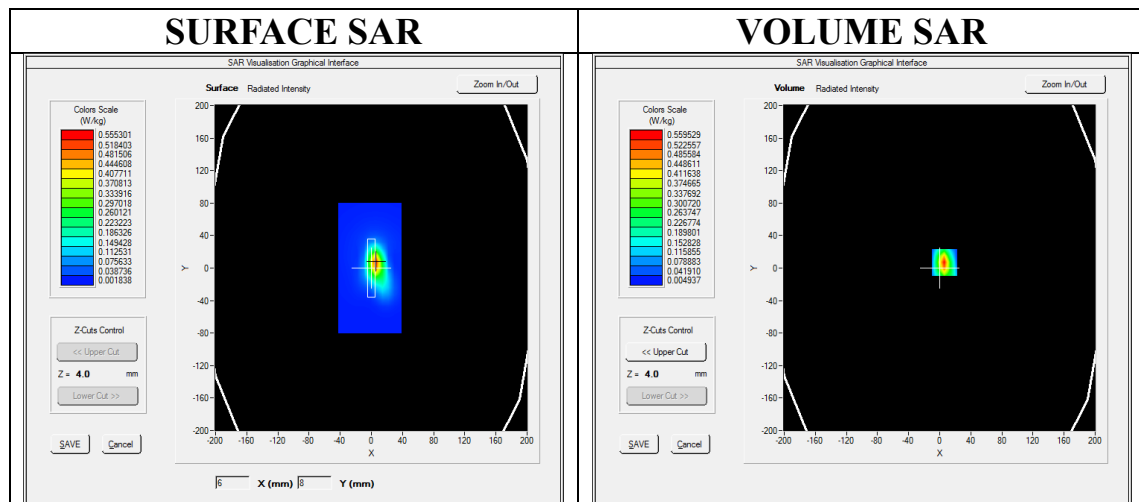
SATIMO Configuration:

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

Configuration/ WCDMA Band IV Mid- Edge3/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	Validation plane
Device Position	Edge3
Band	WCDMA Band IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

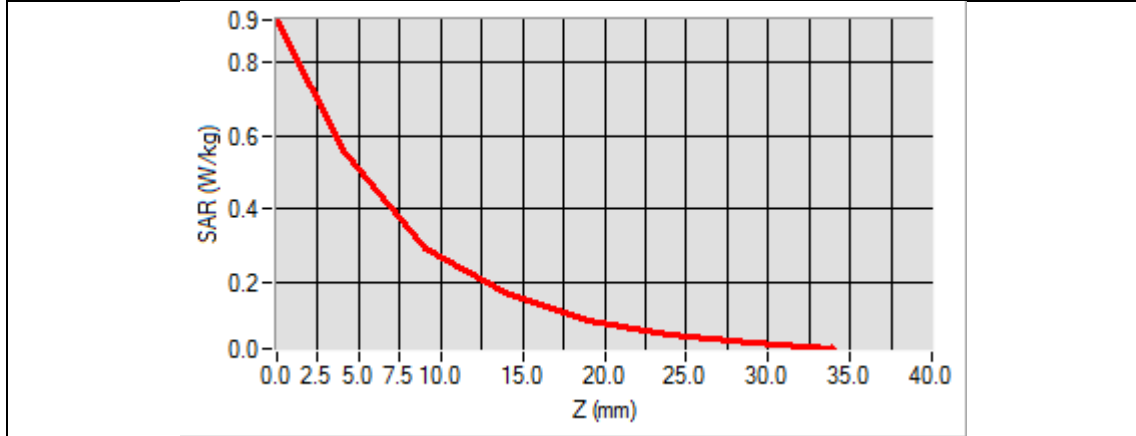


Maximum location: X=6.00, Y=7.00

SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.227956
SAR 1g (W/Kg)	0.496018

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9138	0.5595	0.2961	0.1734	0.1001	0.0595	0.0358



3D screen shot	Hot spot position

Test Laboratory: AGC Lab

Date: May 31,2020

WCDMA Band V Mid-Touch-Right (RMC)

DUT: Smart Phone; Type: ClearPHONE 220

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: $f = 835\text{MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon r = 39.72$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Right Section Ambient temperature ($^{\circ}\text{C}$): 20.8, Liquid temperature ($^{\circ}\text{C}$): 20.5

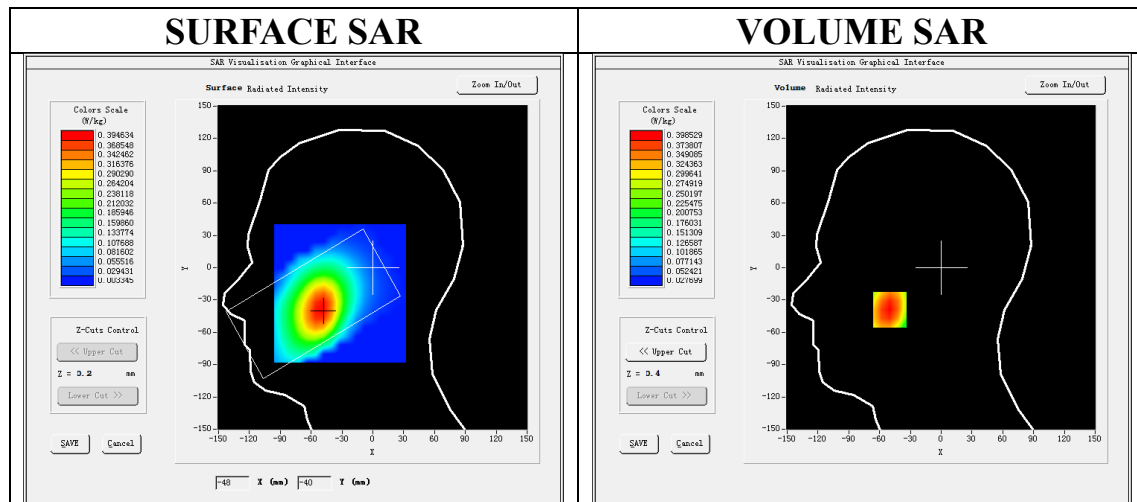
SATIMO Configuration:

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

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

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

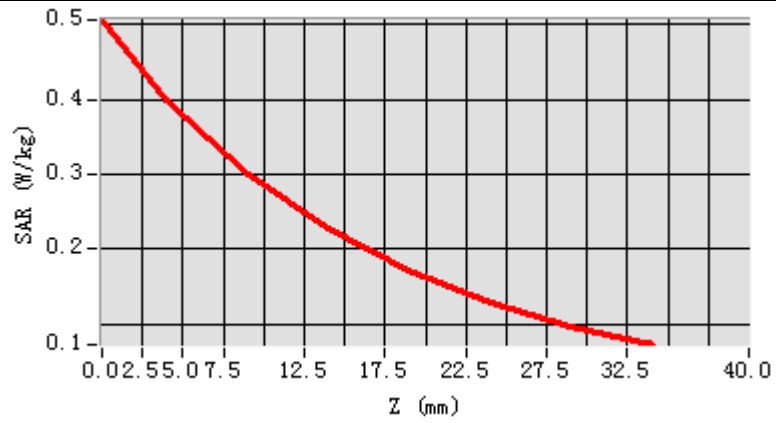


Maximum location: X=-50.00, Y=-39.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.273185
SAR 1g (W/Kg)	0.385600

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5057	0.3985	0.2985	0.2270	0.1724	0.1298	0.0974



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, cup-like device. A small, multi-colored heatmap is overlaid on the inner surface of the cup, indicating the spatial distribution of SAR values.</p>	<p>A 2D heatmap showing the 'Hot spot position'. The color scale ranges from blue (low SAR) to red (high SAR). The highest SAR region (red) is concentrated in the center of the cup's interior, with values decreasing outwards through yellow, green, and cyan.</p>

Test Laboratory: AGC Lab

Date: May 31,2020

WCDMA Band V Mid- Body-Front (RMC)

DUT: Smart Phone; Type: ClearPHONE 220

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=5.19; Frequency: 836.6 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon r = 39.72$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 20.8, Liquid temperature ($^{\circ}\text{C}$): 20.5

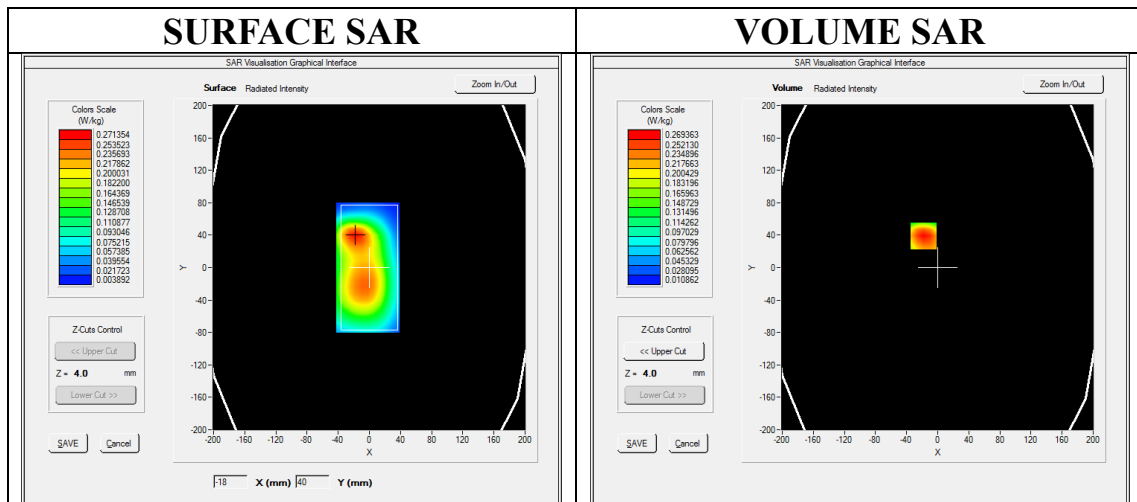
SATIMO Configuration:

- 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/ WCDMA Band V Mid- Body-Front /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ WCDMA Band V 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	Validation plane
Device Position	Body Front
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

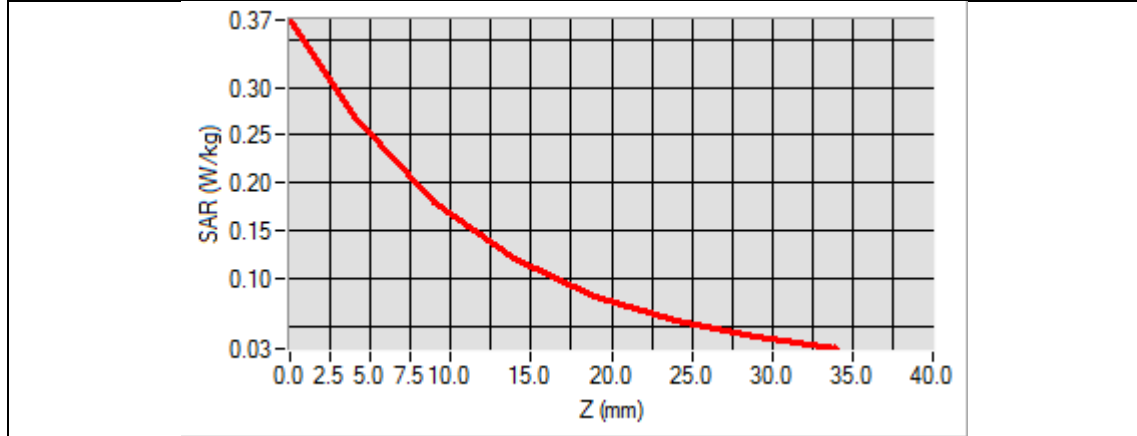


Maximum location: X=-18.00, Y=39.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.170865
SAR 1g (W/Kg)	0.258572

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3708	0.2694	0.1794	0.1202	0.0810	0.0550	0.0379



3D screen shot	Hot spot position
<p>A 3D perspective view of a white, shallow bowl. A grid of small, multi-colored dots is positioned in the center of the bowl's base, representing the location of the SAR measurement.</p>	<p>A vertical cross-sectional heatmap of the bowl's interior. The color scale ranges from green (low SAR) to red (high SAR). A prominent red rectangular area is centered in the middle of the bowl's base, indicating the location of the maximum SAR value (hot spot).</p>

Test Laboratory: AGC Lab
LTE Band 2 Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 27,2020

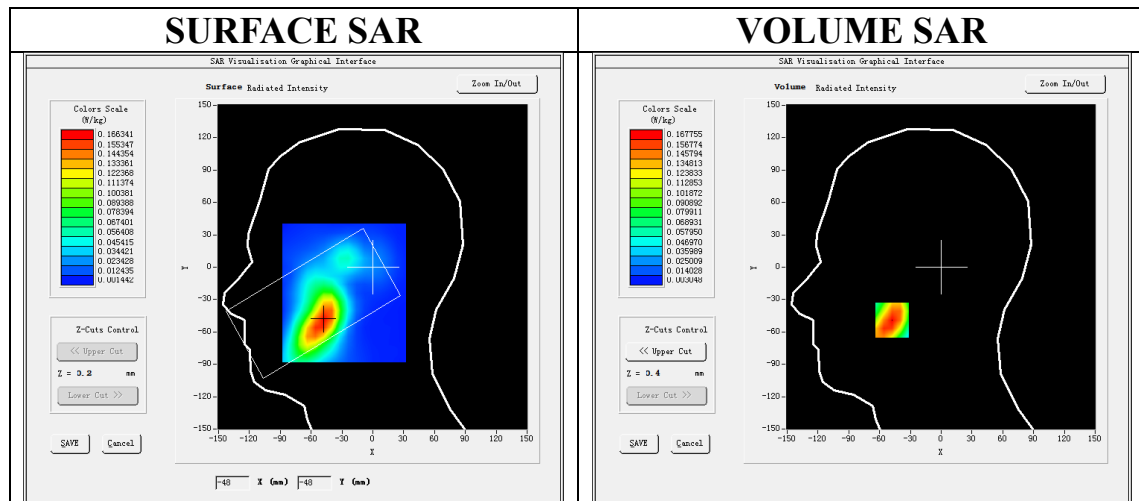
Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=4.48;
Frequency:1880MHz; Medium parameters used: $f=1900$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r=40.19$ $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 20.3, Liquid temperature (°C): 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/ LTE Band 2 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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

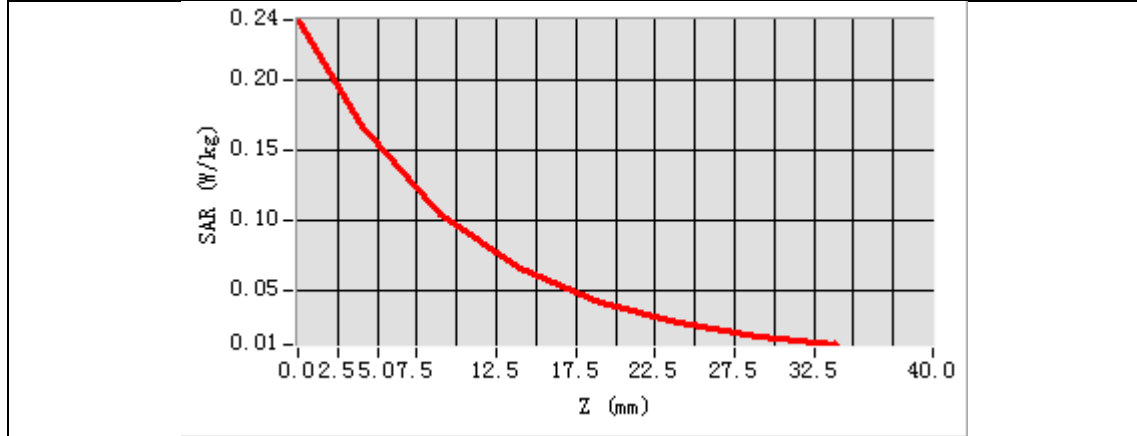


Maximum location: X=-48.00, Y=-49.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.094012
SAR 1g (W/Kg)	0.161175

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2438	0.1678	0.1043	0.0657	0.0417	0.0266	0.0170



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, bowl-shaped device. A grid of small colored squares is overlaid on the inner surface of the bowl, representing the SAR distribution. The colors range from blue (low SAR) to red (high SAR), with the highest values concentrated in the center of the bowl's base.</p>	<p>A 2D heatmap of the device's inner surface. The color scale ranges from blue (low SAR) to red (high SAR). A prominent red and yellow 'hot spot' is visible in the center of the bowl's base, indicating the area of maximum SAR exposure.</p>

Test Laboratory: AGC Lab
LTE Band 2 Mid-Body-Back (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 27,2020

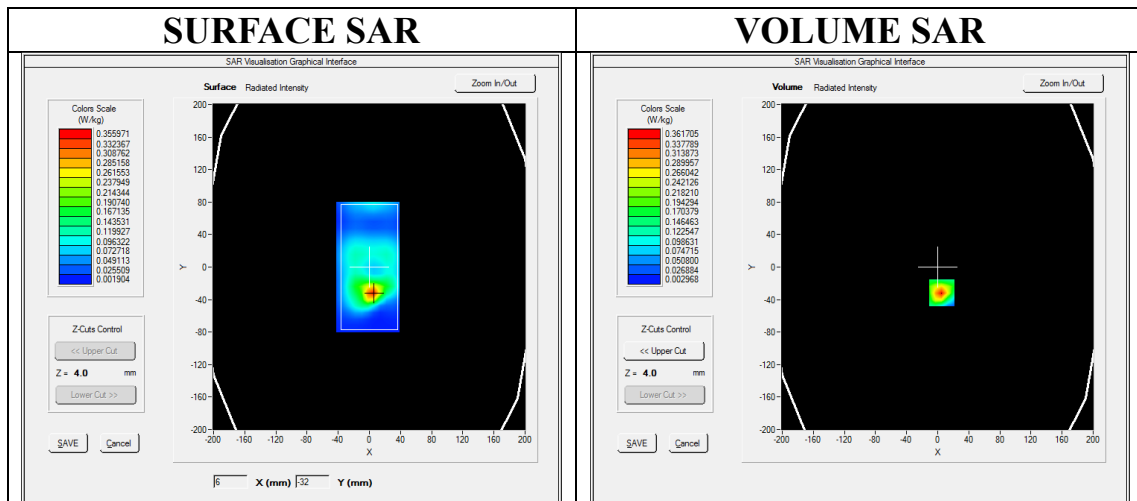
Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=4.60;
Frequency:1880MHz; Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.19$ $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 20.3, Liquid temperature ($^{\circ}\text{C}$): 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/ LTE Band 2 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

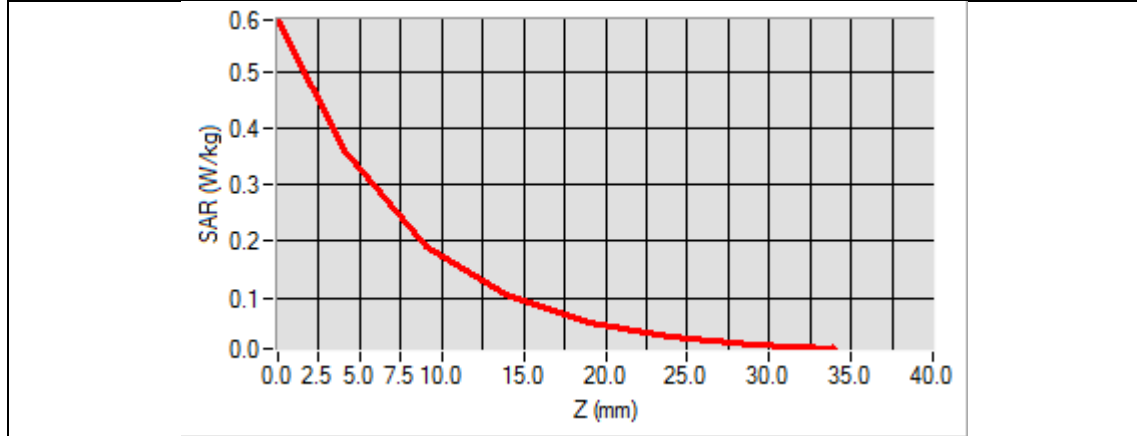
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=5.00, Y=-32.00
SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.160586
SAR 1g (W/Kg)	0.332258

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5907	0.3617	0.1892	0.1054	0.0576	0.0319	0.0178



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
LTE Band 4 Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 20,2020

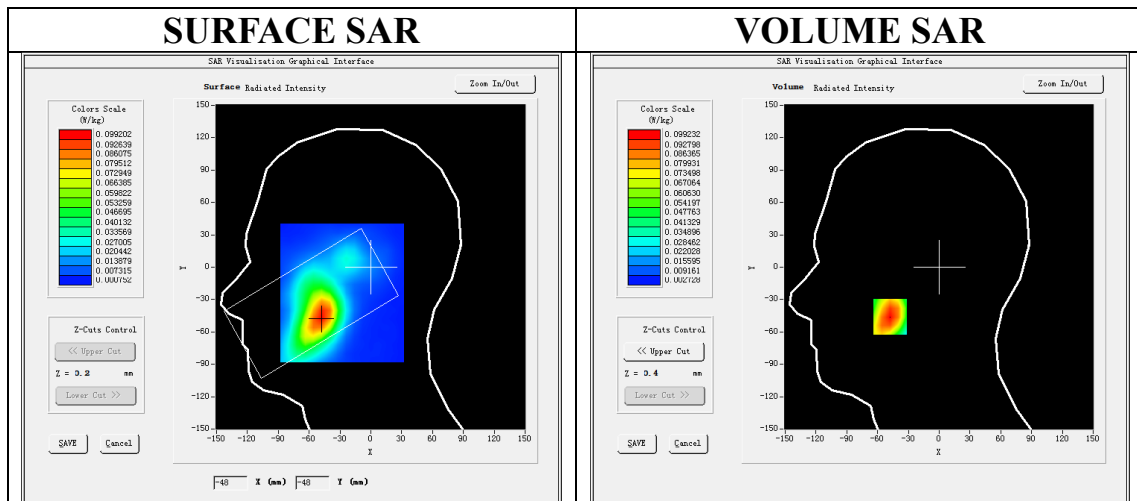
Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=4.05;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 41.69$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.7, Liquid temperature (°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 4 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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

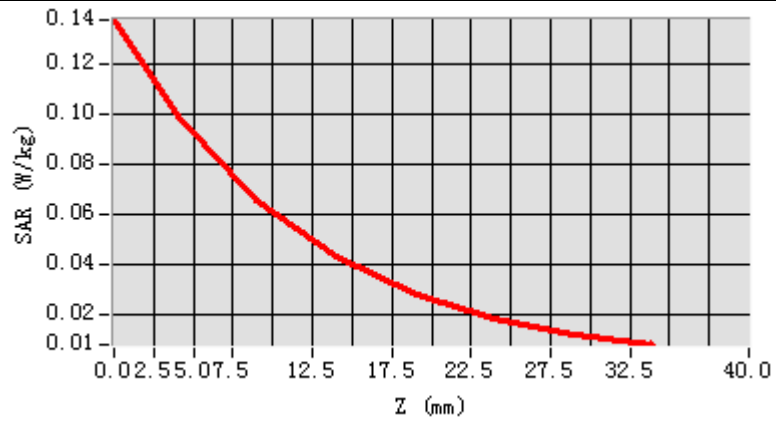


Maximum location: X=-48.00, Y=-46.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.057705
SAR 1g (W/Kg)	0.094433

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1373	0.0992	0.0655	0.0431	0.0283	0.0187	0.0123



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, bowl-shaped device. A grid of small colored squares is overlaid on the inner surface of the bowl, representing the spatial distribution of SAR values. The colors range from blue (low SAR) to red (high SAR), with the highest values concentrated in the center of the bowl's base.</p>	<p>A heatmap visualization of the device's SAR distribution. The device is shown in a 3D perspective. The color scale ranges from blue (low SAR) to red (high SAR). A prominent hot spot, shown in red and yellow, is located in the center of the bowl's base, indicating the highest SAR value in the model.</p>

Test Laboratory: AGC Lab
LTE Band 4 Mid-Edge3 (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 20,2020

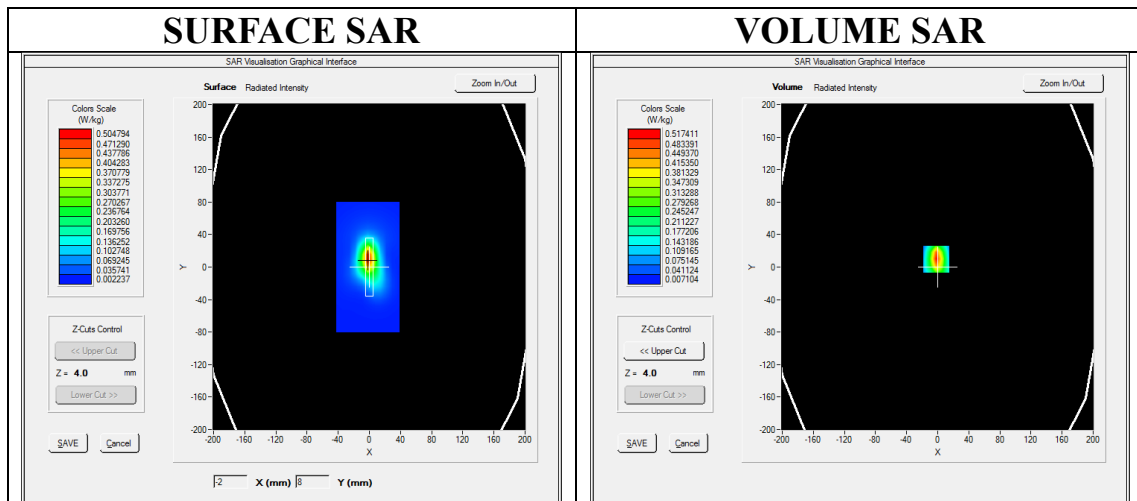
Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=4.19;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 41.69$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°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

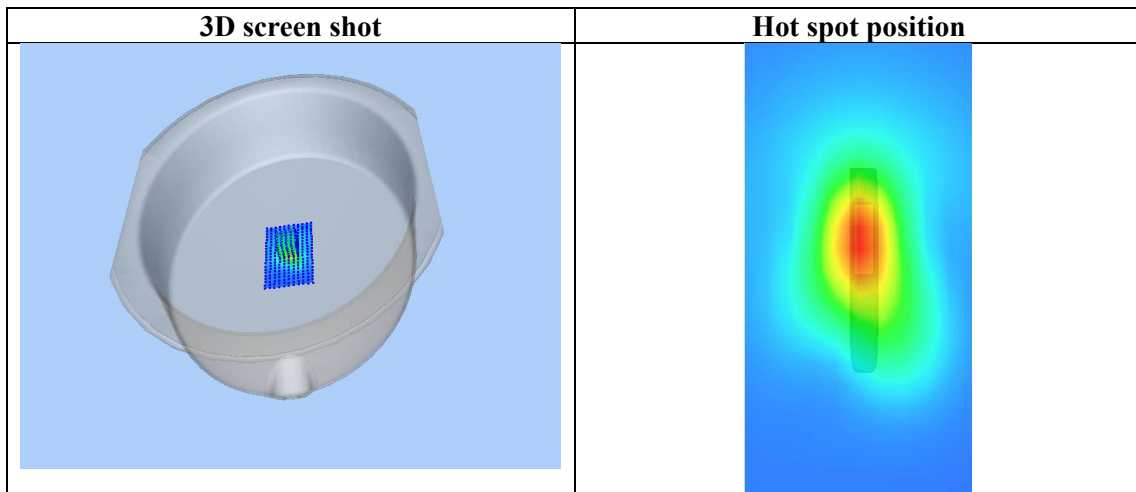
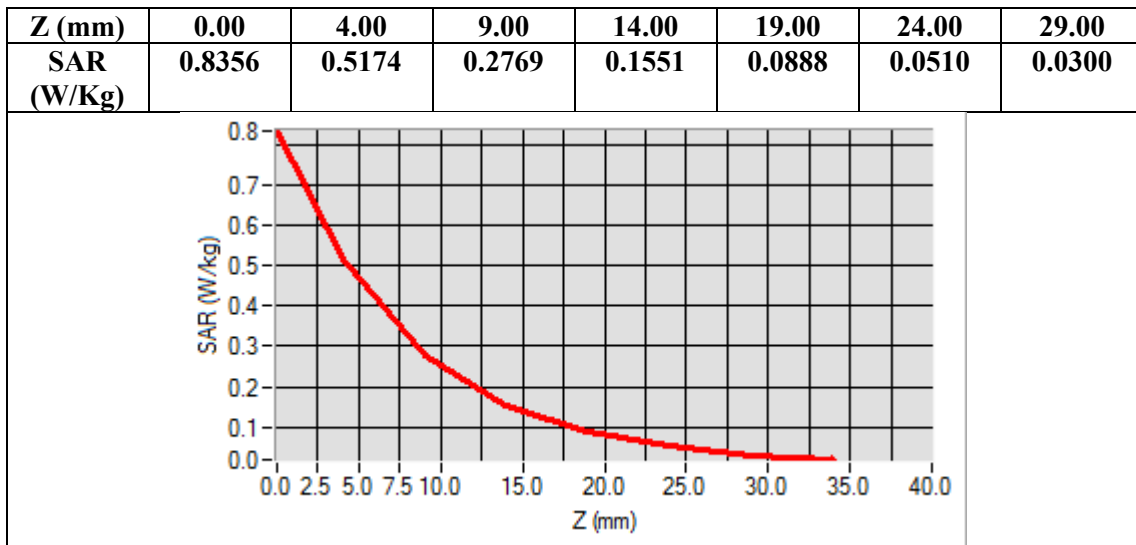
Configuration/ LTE Band 4 Mid-Edge3/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid-Edge3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge3
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-2.00, Y=10.00
SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)	0.225911
SAR 1g (W/Kg)	0.471691



Test Laboratory: AGC Lab
LTE Band 5 Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 25,2020

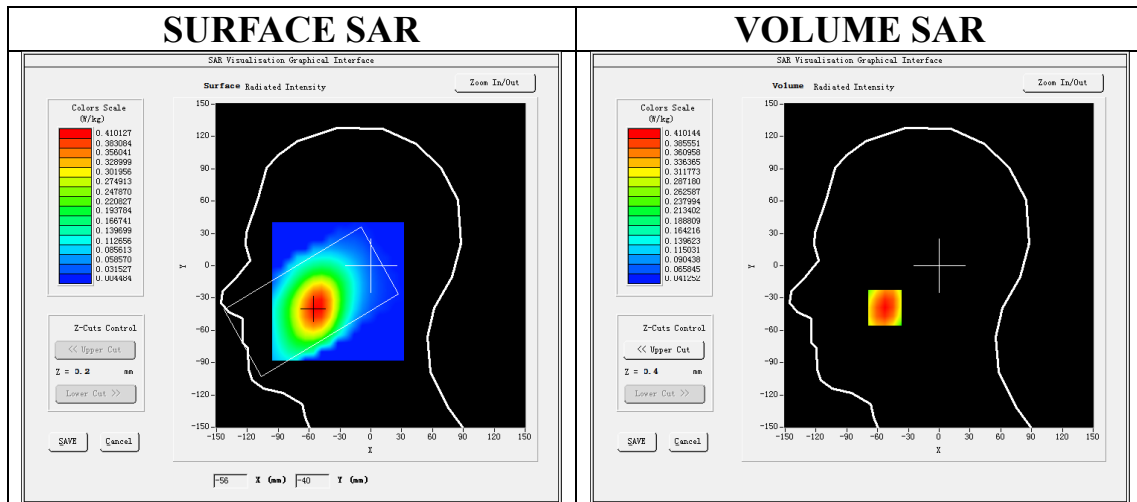
Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=5.05
Frequency: 836.5 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.90$ mho/m; $\epsilon_r = 39.81$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.0, Liquid temperature (°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/ LTE Band 5 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

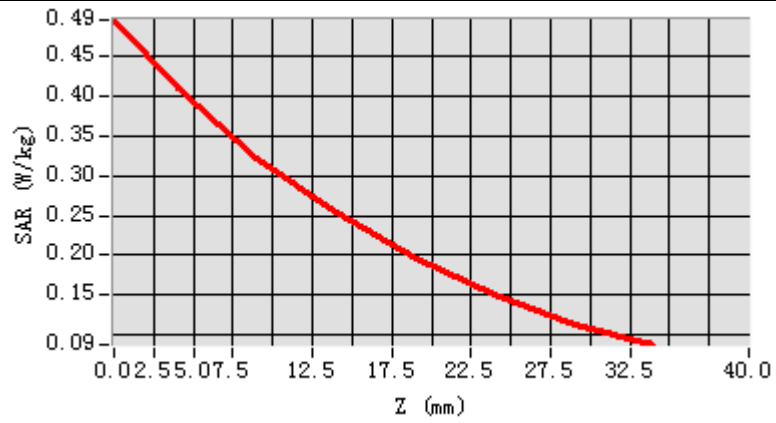
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-53.00, Y=-39.00
SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.289101
SAR 1g (W/Kg)	0.395958

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4948	0.4101	0.3226	0.2532	0.1951	0.1504	0.1143



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey container. A small, multi-colored grid is overlaid on the bottom surface of the container, representing the SAR distribution. The colors range from blue (low SAR) to red (high SAR).</p>	<p>A 2D visualization of the hot spot position. It shows a vertical, irregularly shaped area with a color gradient. The center is a bright red/yellow, indicating the highest SAR, which transitions through orange and green to blue at the edges. This is overlaid on a blue base.</p>

Test Laboratory: AGC Lab
LTE Band 5 Mid-Body-Front (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 25,2020

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=5.19
Frequency:836.5 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.90$ mho/m; $\epsilon_r = 39.81$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

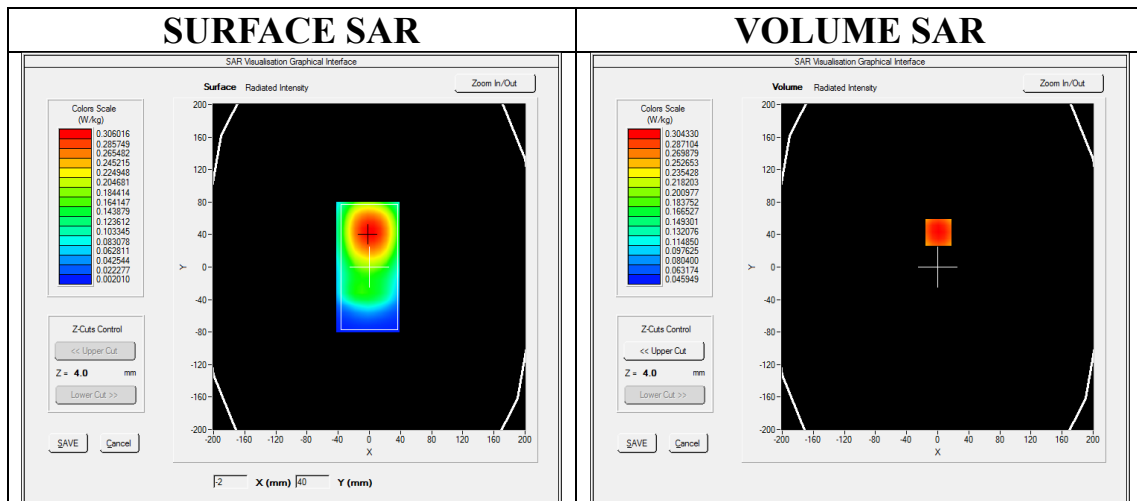
SATIMO Configuration:

- 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/ LTE Band 5 Mid- Body-Front /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band 5 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
Phantom	Validation plane
Device Position	Body Front
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

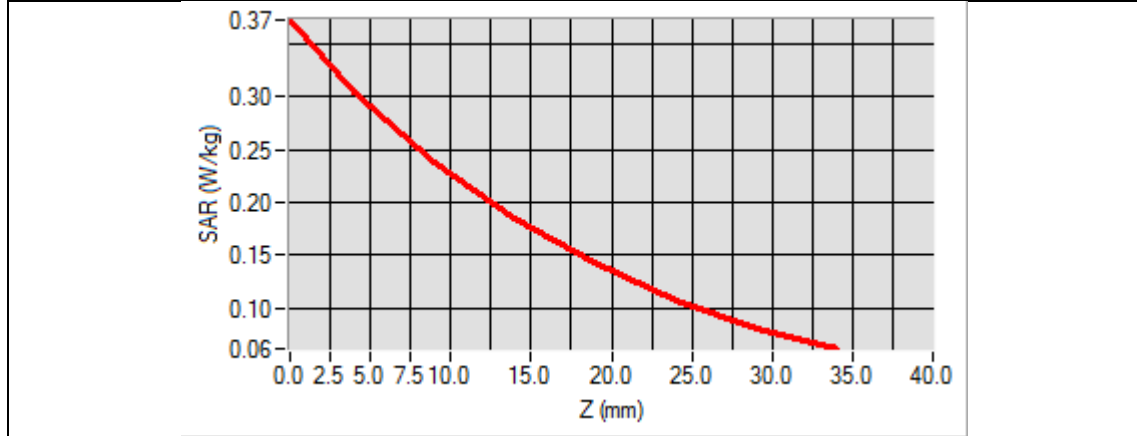


Maximum location: X=1.00, Y=43.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.223042
SAR 1g (W/Kg)	0.296597

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3720	0.3043	0.2371	0.1857	0.1428	0.1073	0.0811



3D screen shot	Hot spot position
<p>A 3D perspective view of a white ceramic cup. A grid of small, multi-colored dots is positioned in the center of the cup's interior, representing the location of the SAR measurement.</p>	<p>A vertical heatmap representing the SAR distribution. The top portion of the cup is colored red and orange, indicating the highest SAR values (the hot spot). The color transitions through yellow and green to blue at the bottom, indicating lower SAR values.</p>

Test Laboratory: AGC Lab
LTE Band 7 Mid-Touch-Right (1RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 18,2020

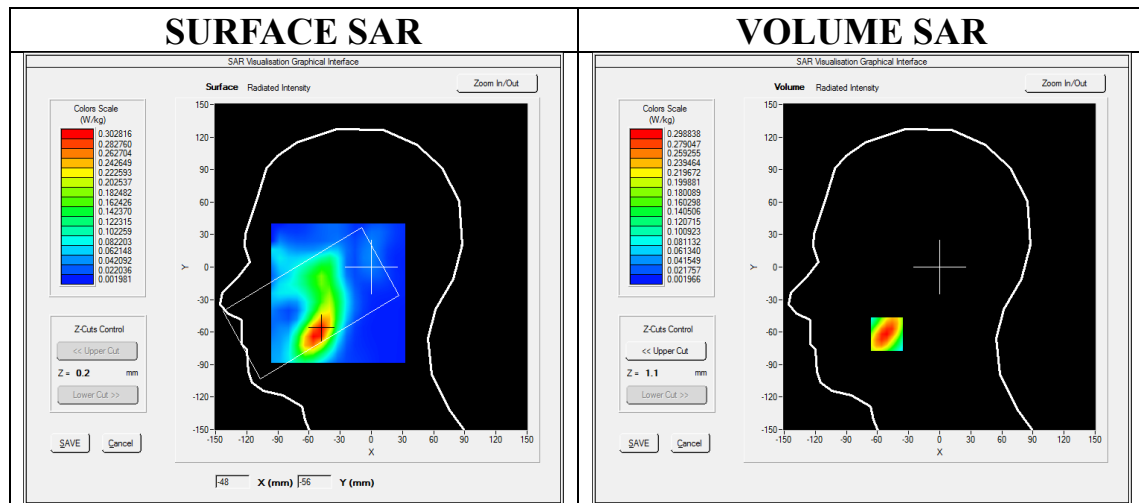
Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=3.77
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 39.26$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.0, Liquid temperature (°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/ LTE BAND 7 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, y=8mm
Configuration/ LTE BAND 7 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

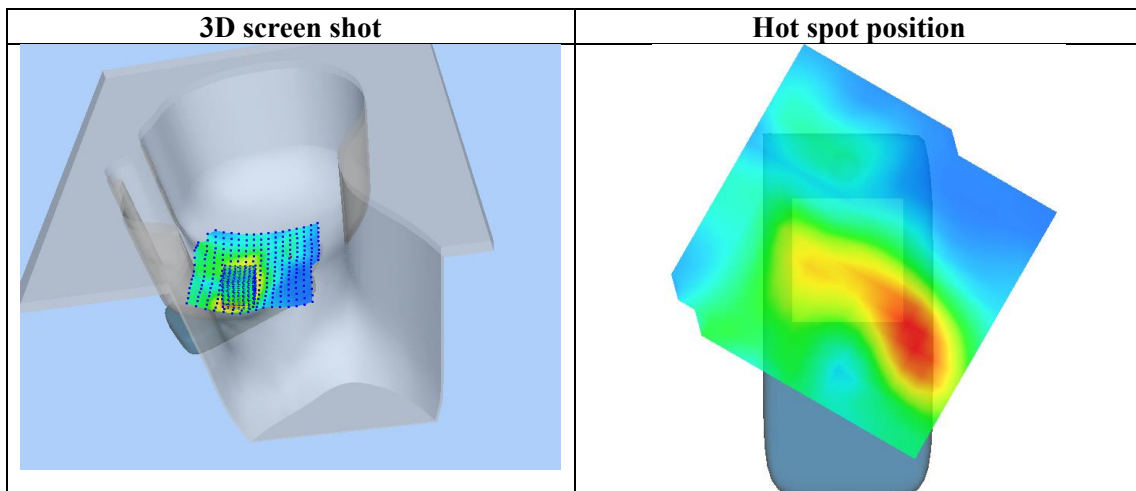
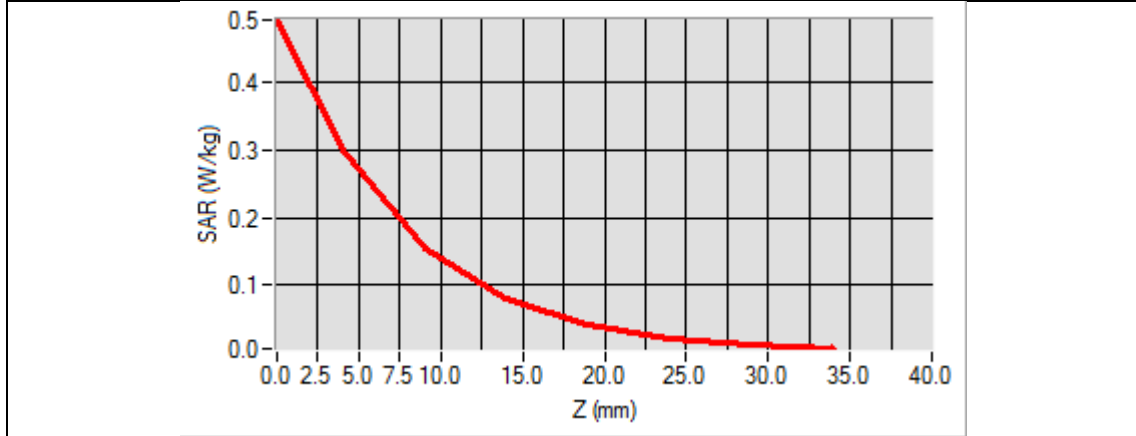
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE BAND 7
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-51.00, Y=-62.00
SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.144669
SAR 1g (W/Kg)	0.280205

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4917	0.2988	0.1531	0.0805	0.0417	0.0228	0.0121



Test Laboratory: AGC Lab
LTE Band 7 Mid-Body-Back (1RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 18,2020

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=3.92
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 39.26$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.0, Liquid temperature (°C): 20.7

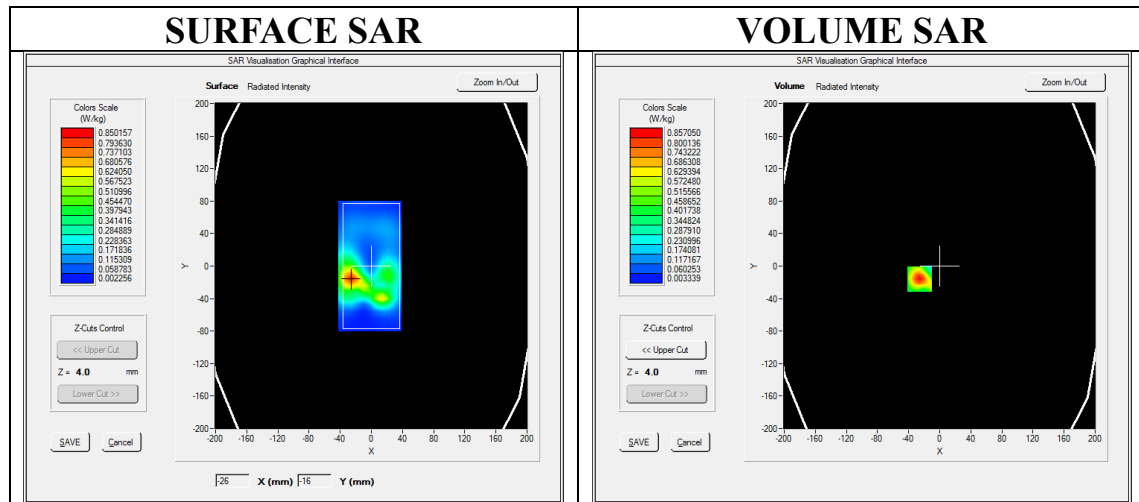
SATIMO Configuration:

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

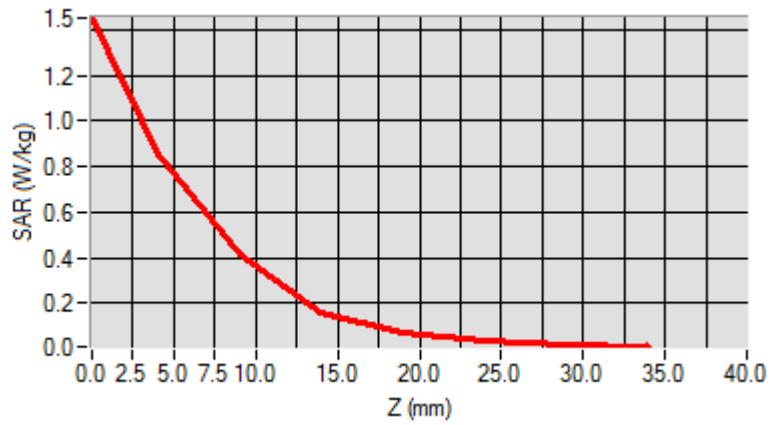


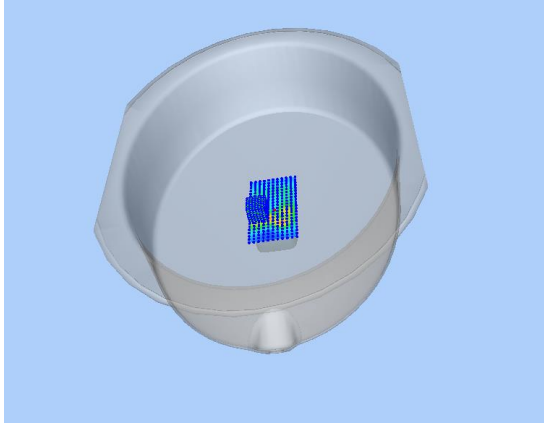
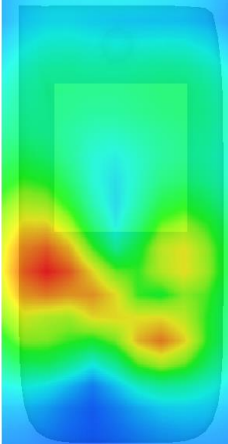
Maximum location: X=-26.00, Y=-16.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.374633
SAR 1g (W/Kg)	0.740773

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.4528	0.8570	0.4109	0.1540	0.0714	0.0341	0.0166



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab
LTE Band 12 Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 16,2020

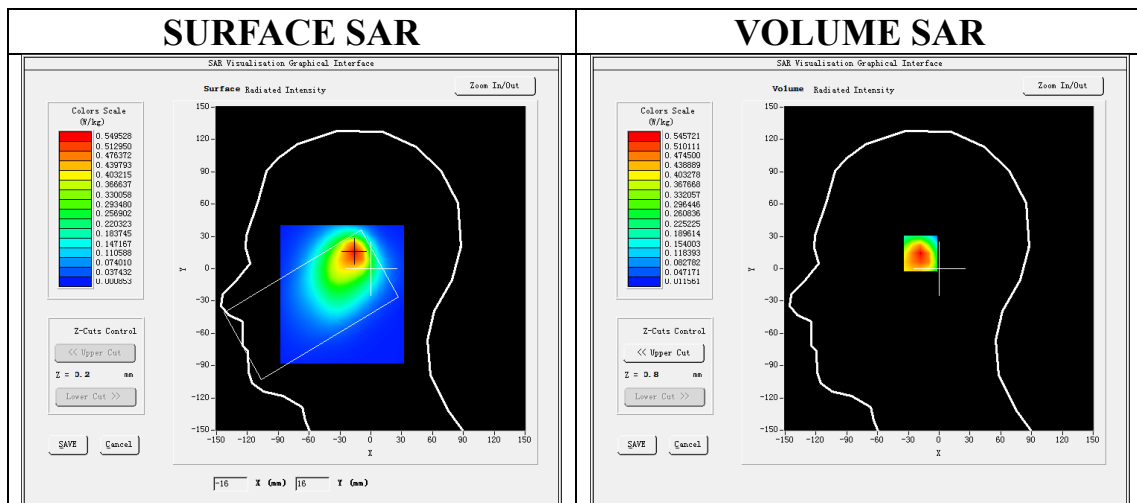
Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=4.97
Frequency: 707.5 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.83$ mho/m; $\epsilon_r = 42.06$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.8

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

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

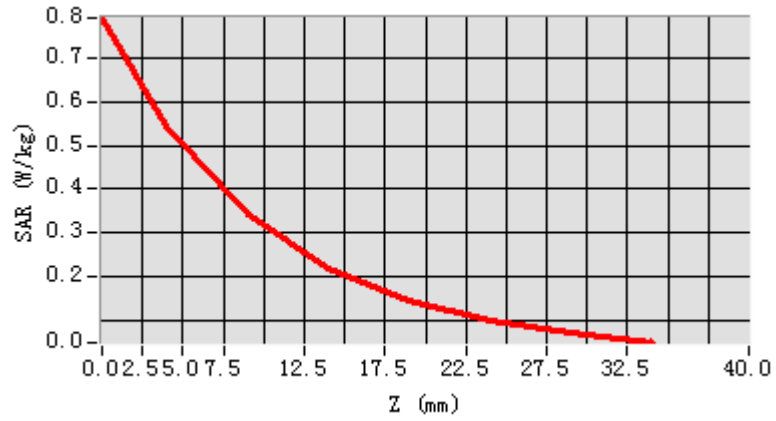


Maximum location: X=-16.00, Y=16.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.328122
SAR 1g (W/Kg)	0.530767

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7922	0.5457	0.3414	0.2171	0.1433	0.0989	0.0684



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 gradient from blue (low SAR) to red (high SAR).</p>	<p>A close-up 3D view of the hot spot area. The heatmap shows a central red region (highest SAR) surrounded by yellow, green, and blue regions, indicating a radial decrease in SAR intensity.</p>

Test Laboratory: AGC Lab
LTE Band 12 Mid-Body-Back (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 16,2020

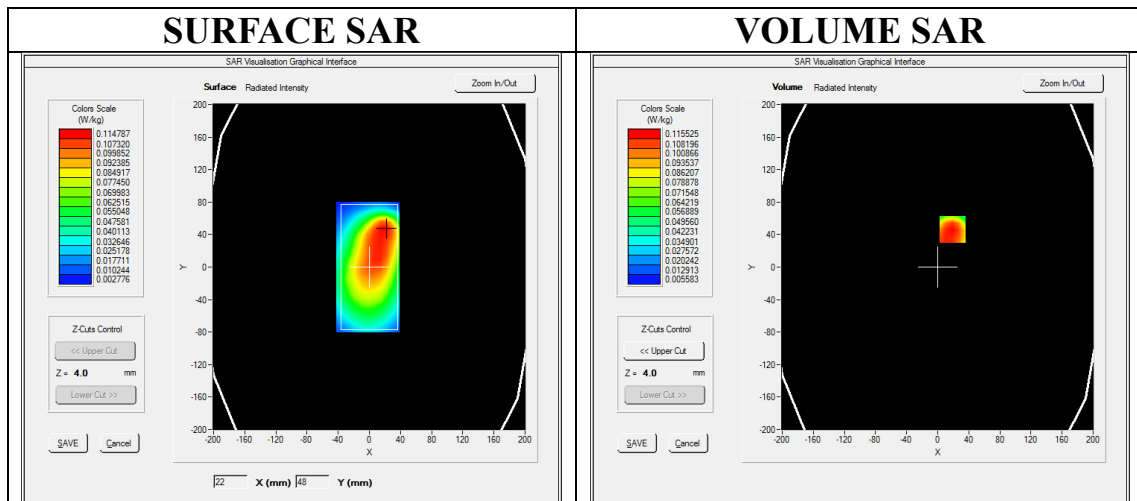
Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=5.14;
Frequency: 707.5 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.83$ mho/m; $\epsilon_r = 42.06$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.8

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

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

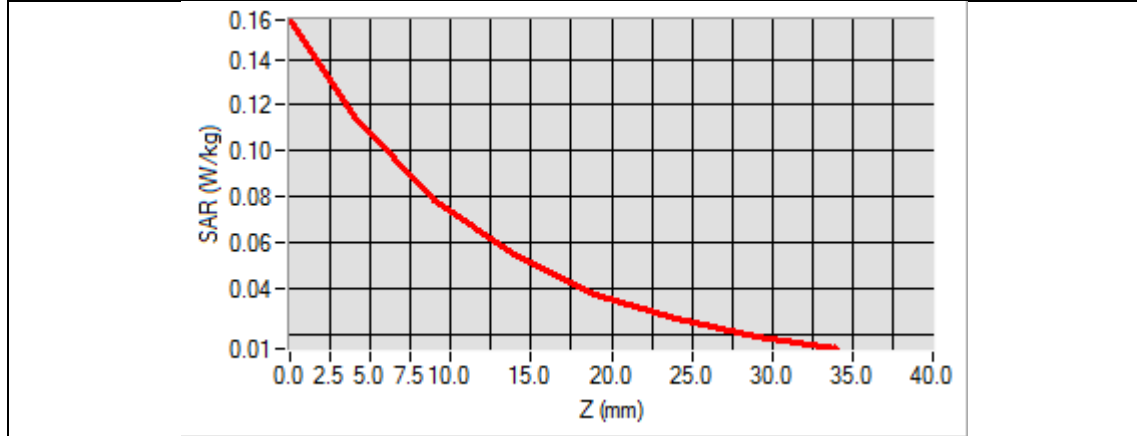


Maximum location: X=19.00, Y=46.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.080797
SAR 1g (W/Kg)	0.119425

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1571	0.1155	0.0787	0.0546	0.0378	0.0268	0.0189



3D screen shot	Hot spot position

Test Laboratory: AGC Lab
LTE Band 13 Mid-Touch-Left (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 16,2020

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=4.97
Frequency: 782 MHz; Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 39.82$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Left Section
Ambient temperature ($^{\circ}\text{C}$): 22.1, Liquid temperature ($^{\circ}\text{C}$): 21.8

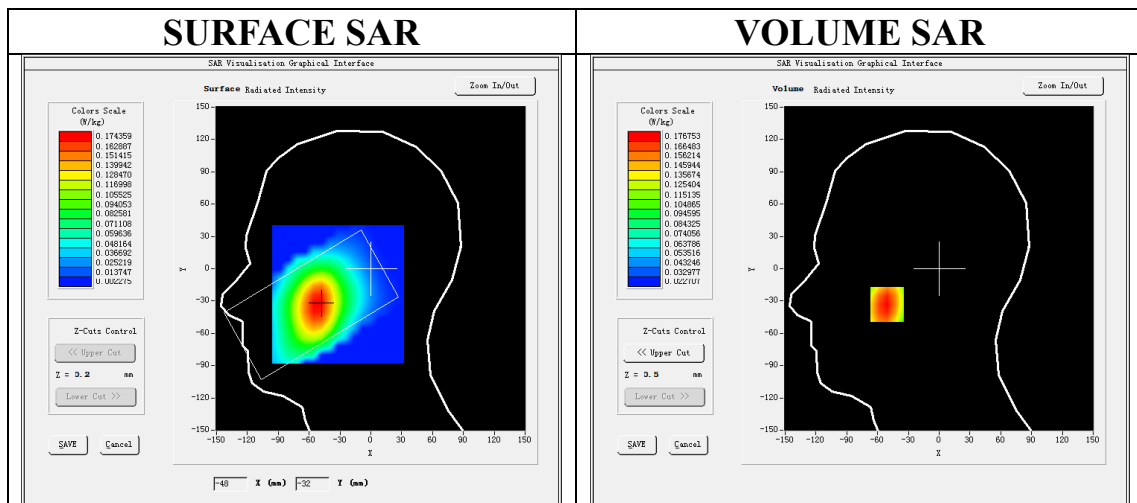
SATIMO Configuration:

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

Configuration/ LTE Band 13 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 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

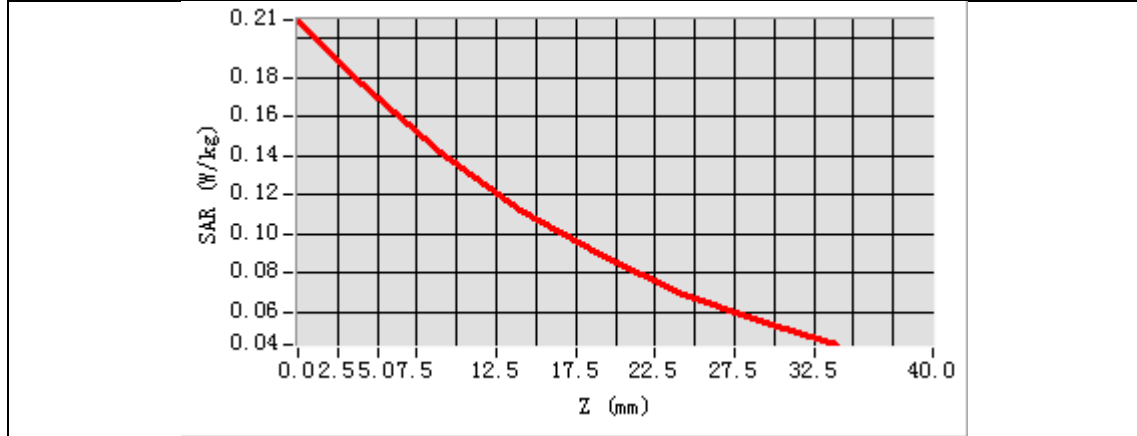


Maximum location: X=-51.00, Y=-33.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.127278
SAR 1g (W/Kg)	0.170561

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2097	0.1768	0.1415	0.1124	0.0893	0.0700	0.0557



3D screen shot	Hot spot position
<p>A 3D perspective view of a human head and neck model. A color-coded grid is overlaid on the neck area, showing a hot spot (red) in the center, transitioning through yellow and green to blue at the edges.</p>	<p>A 2D cross-sectional view of the hot spot area. It shows a vertical cross-section with a color gradient from red (highest SAR) in the center to blue (lowest SAR) at the top and bottom edges.</p>

Test Laboratory: AGC Lab
LTE Band 13 Mid-Edge4 (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 16,2020

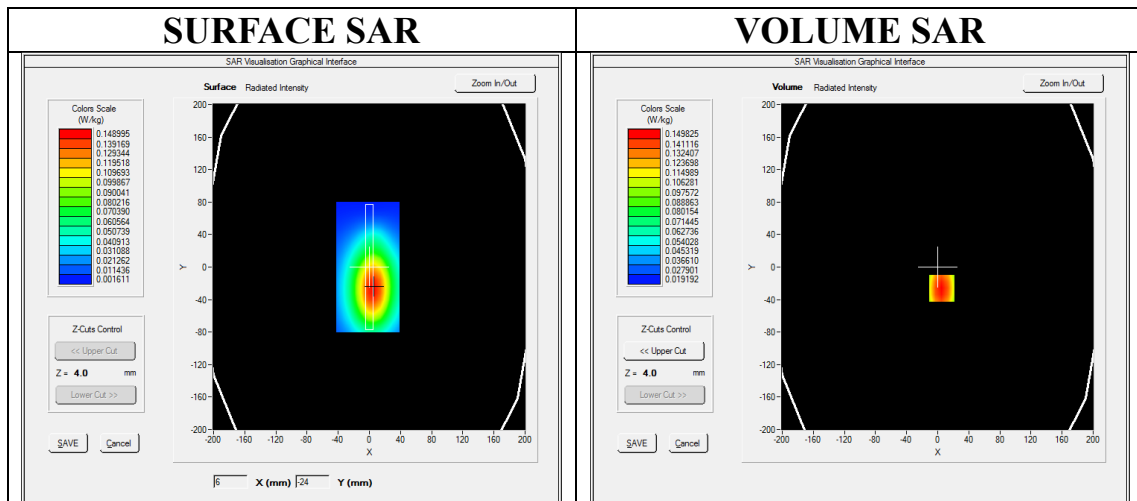
Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=5.14;
Frequency: 782 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 39.82$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.8

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 13 Mid-Edge4/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 13 Mid-Edge4/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

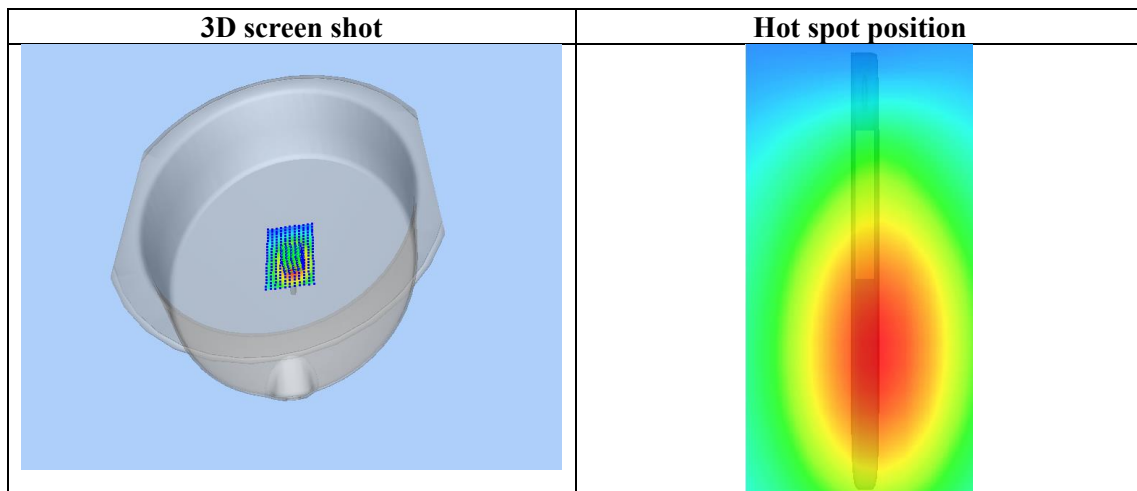
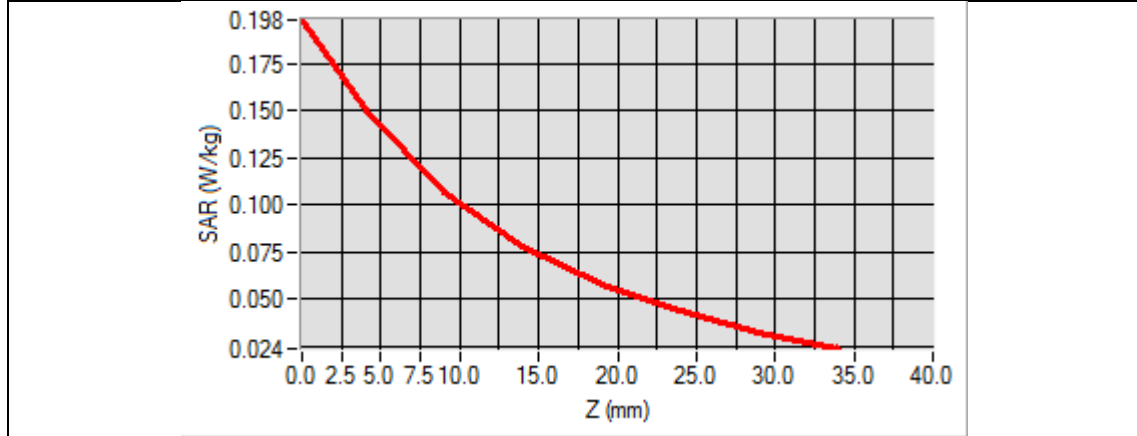
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge4
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=5.00, Y=-26.00
SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.100031
SAR 1g (W/Kg)	0.144809

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1981	0.1498	0.1069	0.0783	0.0579	0.0435	0.0324



Test Laboratory: AGC Lab
LTE Band 17 Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 16,2020

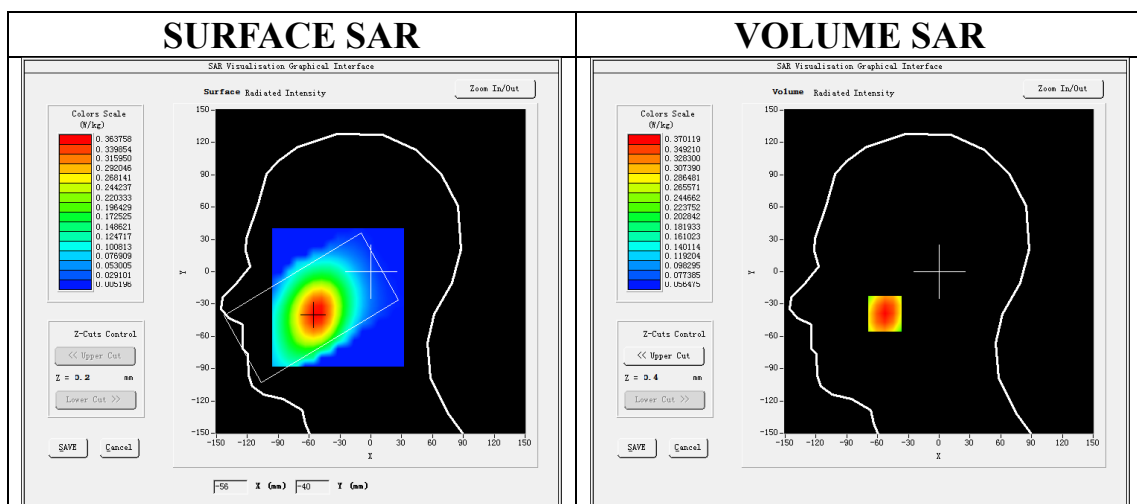
Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=4.97
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.85$ mho/m; $\epsilon_r = 41.23$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.8

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

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

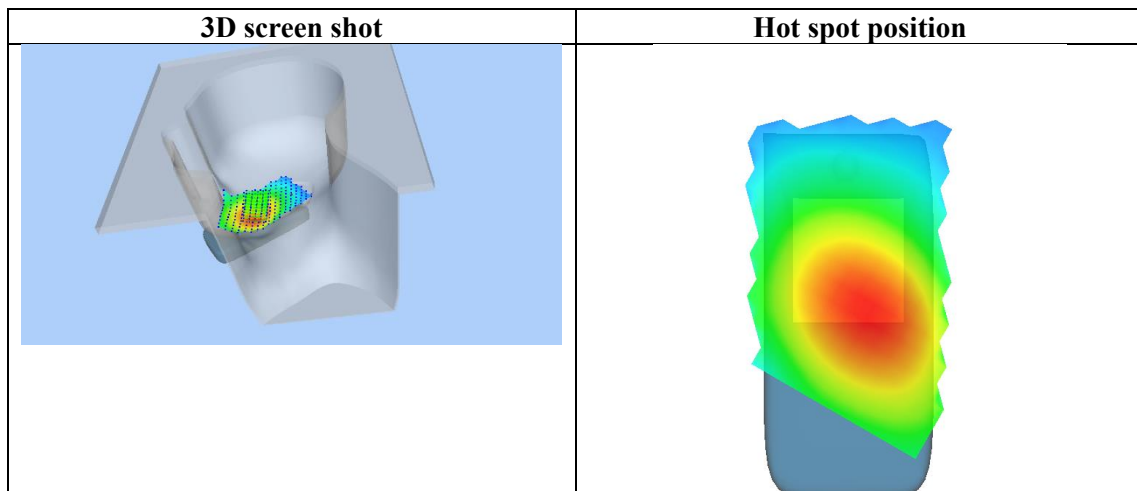
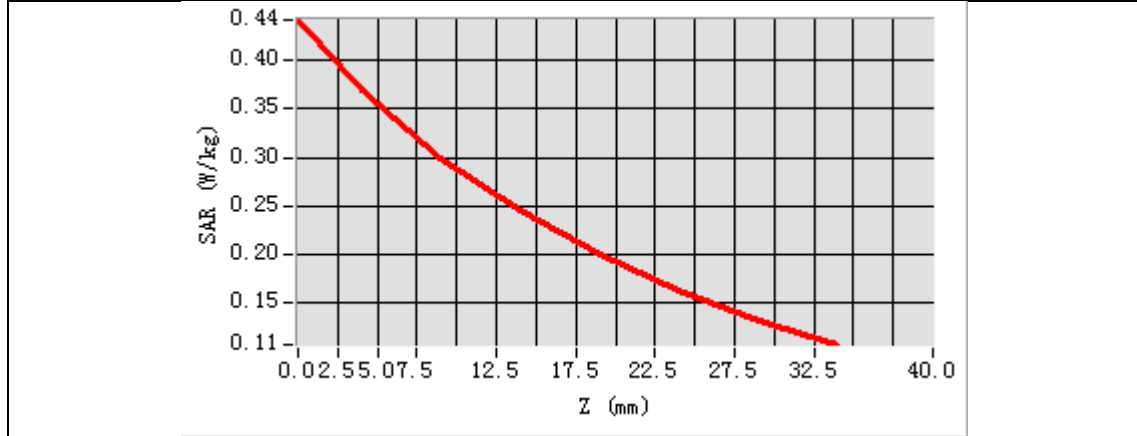


Maximum location: X=-53.00, Y=-39.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.277292
SAR 1g (W/Kg)	0.366284

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4425	0.3701	0.2997	0.2457	0.2001	0.1616	0.1299



Test Laboratory: AGC Lab
LTE Band 17 Mid-Body-Back (1 RB#0)
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 16,2020

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1; Conv.F=5.14;
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.85$ mho/m; $\epsilon_r = 41.23$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.8

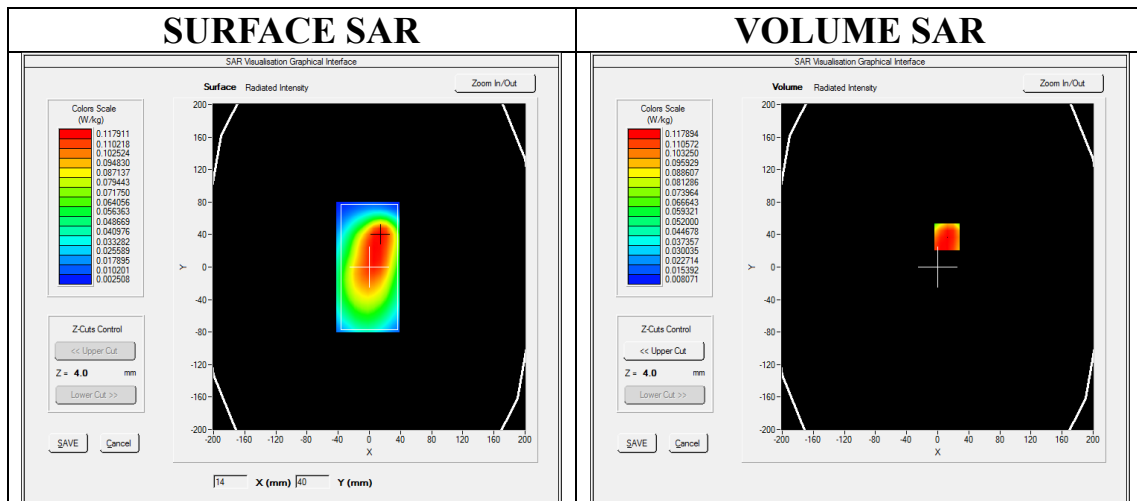
SATIMO Configuration:

- 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 17 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm

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

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

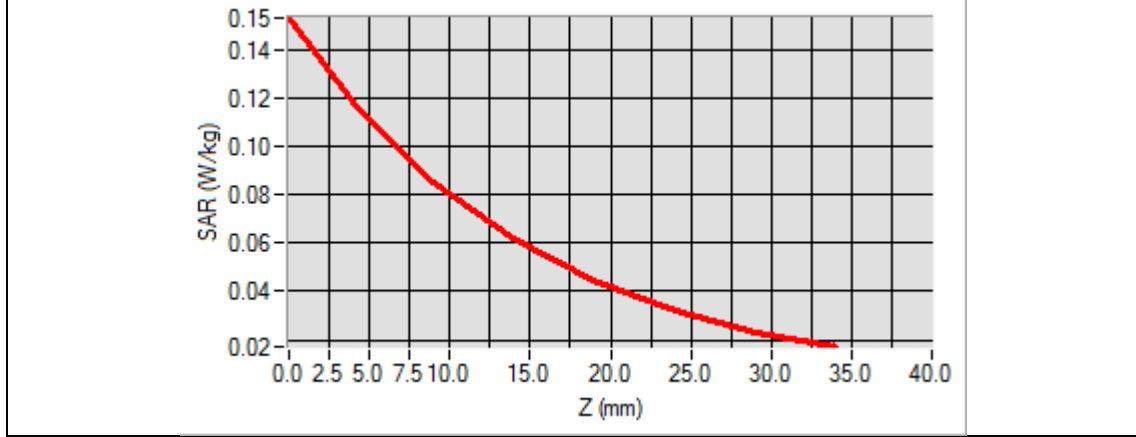


Maximum location: X=12.00, Y=37.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.087491
SAR 1g (W/Kg)	0.123533

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1530	0.1179	0.0849	0.0620	0.0445	0.0322	0.0233



3D screen shot	Hot spot position

WIFI MODE

Test Laboratory: AGC Lab
802.11b Mid-Touch-Left
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 30,2020

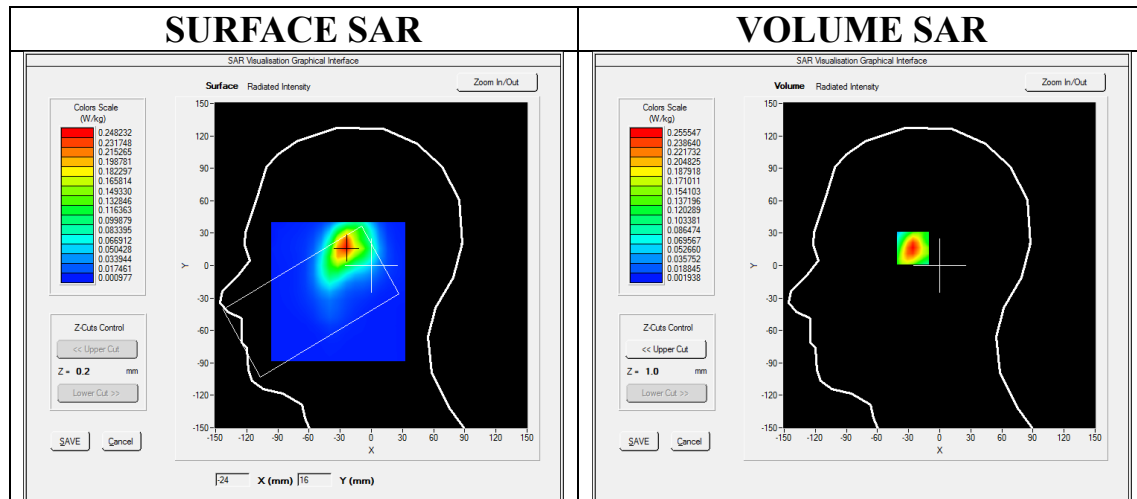
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=4.12;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.72$ mho/m; $\epsilon_r = 39.46$ $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C):20.6, Liquid temperature (°C): 20.3

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

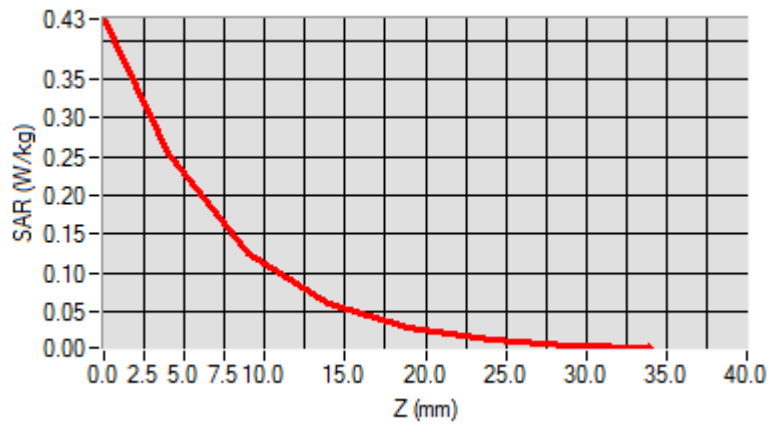


Maximum location: X=-25.00, Y=18.00

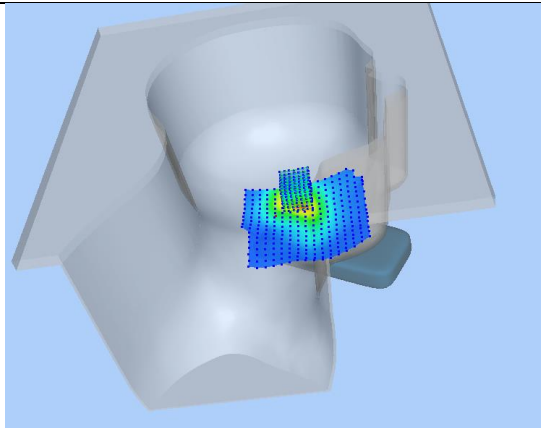
SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.113085
SAR 1g (W/Kg)	0.234146

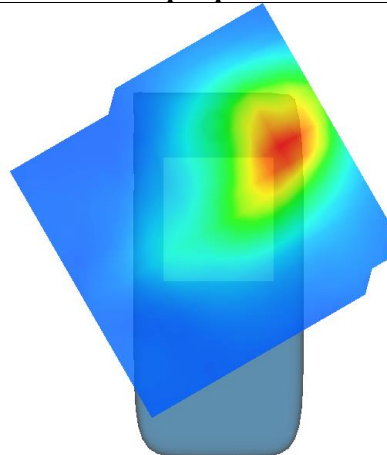
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4275	0.2555	0.1260	0.0609	0.0290	0.0141	0.0071



3D screen shot



Hot spot position



Test Laboratory: AGC Lab
802.11b Mid-Body-Worn- Back
DUT: Smart Phone; Type: ClearPHONE 220

Date: May 30,2020

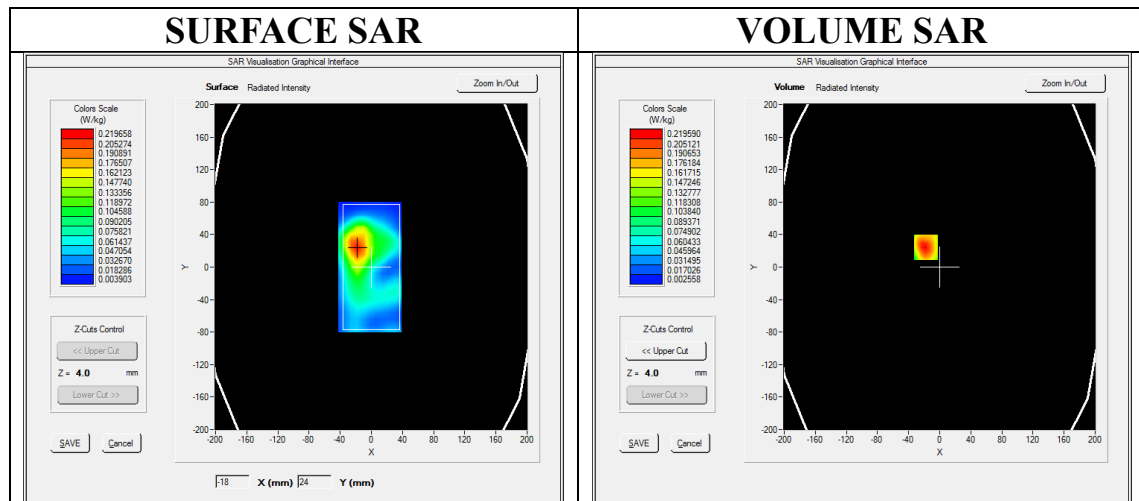
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=4.24;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.72$ mho/m; $\epsilon_r = 39.46$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.6, Liquid temperature (°C): 20.3

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- Body- Back /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b 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	Validation plane
Device Position	Body Back
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0

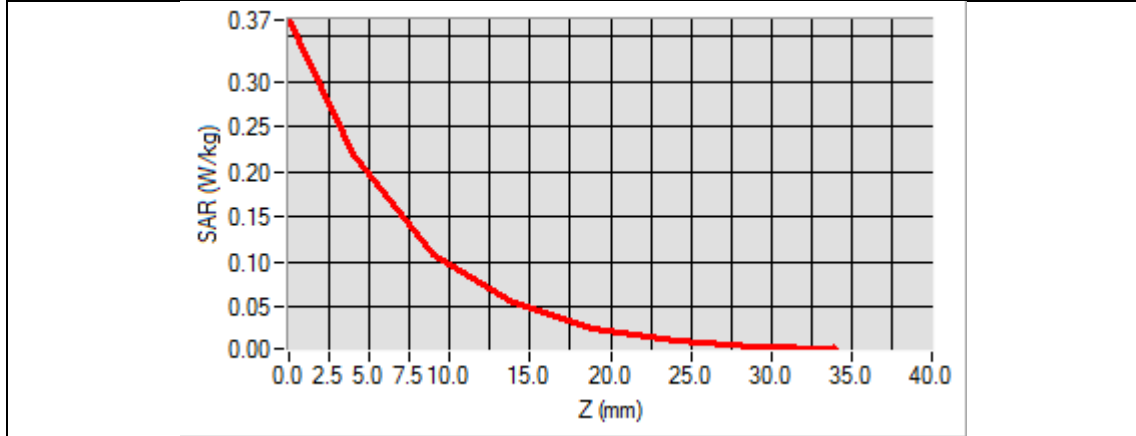


Maximum location: X=-18.00, Y=24.00

SAR Peak: 0.37 W/kg

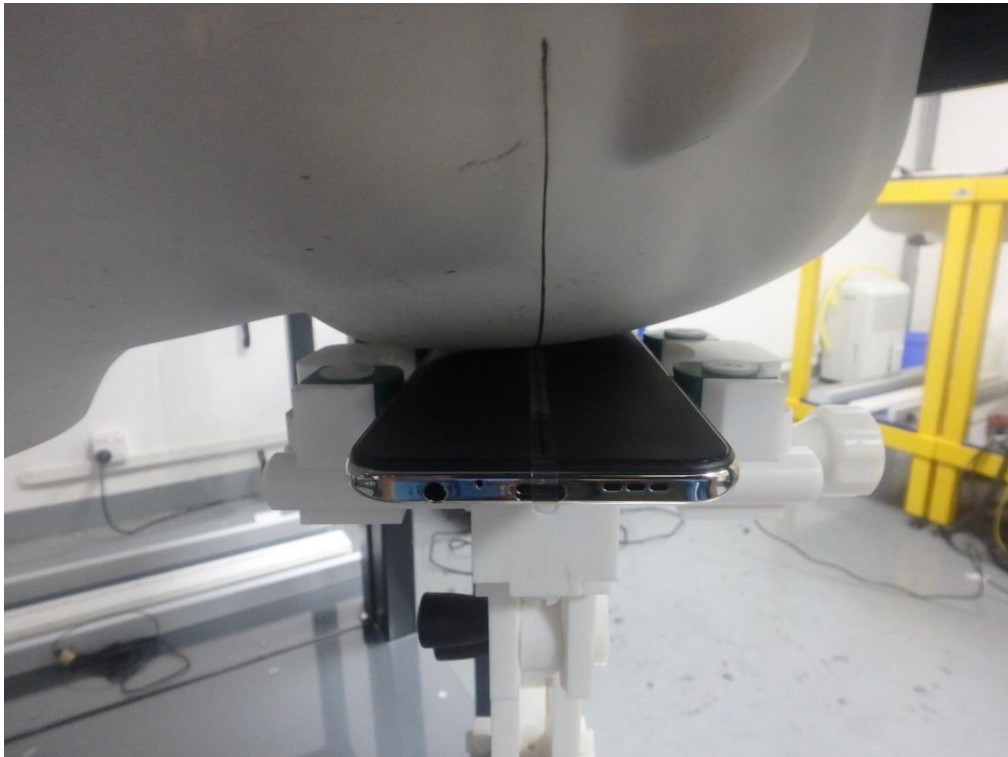
SAR 10g (W/Kg)	0.110686
SAR 1g (W/Kg)	0.210344

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3683	0.2196	0.1086	0.0546	0.0270	0.0137	0.0072

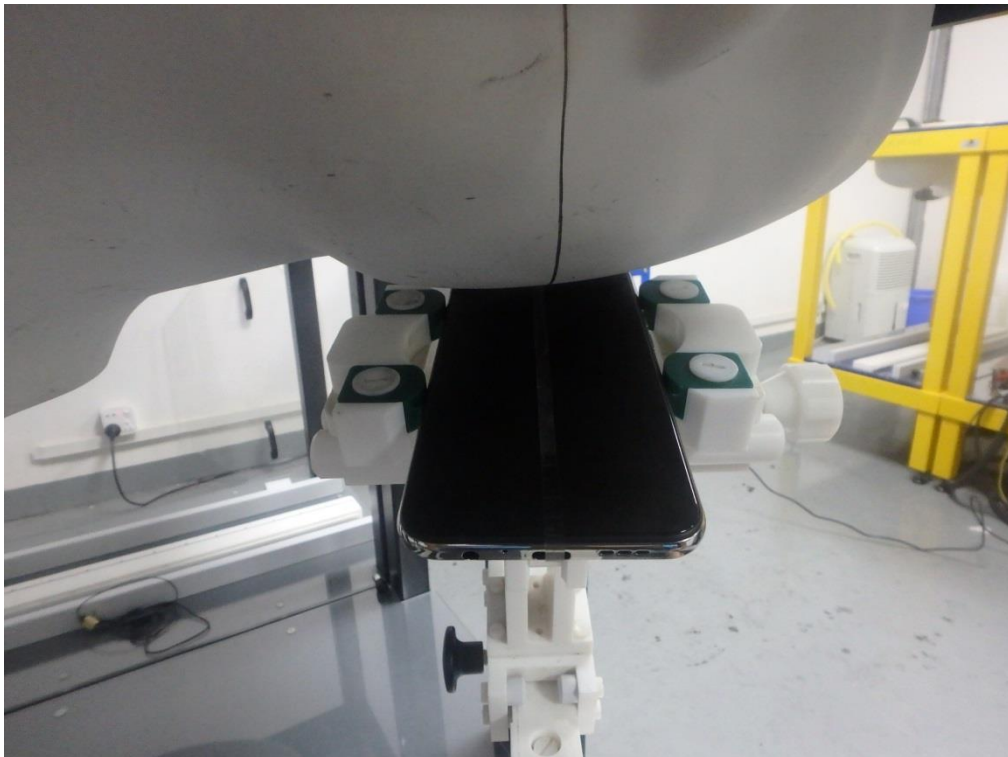


3D screen shot	Hot spot position
<p>A 3D perspective view of a white, bowl-shaped object. A small rectangular grid of multi-colored dots is positioned on the inner surface of the bowl, representing the location of the hot spot.</p>	<p>A 2D heatmap visualization of the bowl-shaped object. The color scale ranges from red (highest intensity) in the center to blue (lowest intensity) at the edges. A white rectangular box highlights the central hot spot area.</p>

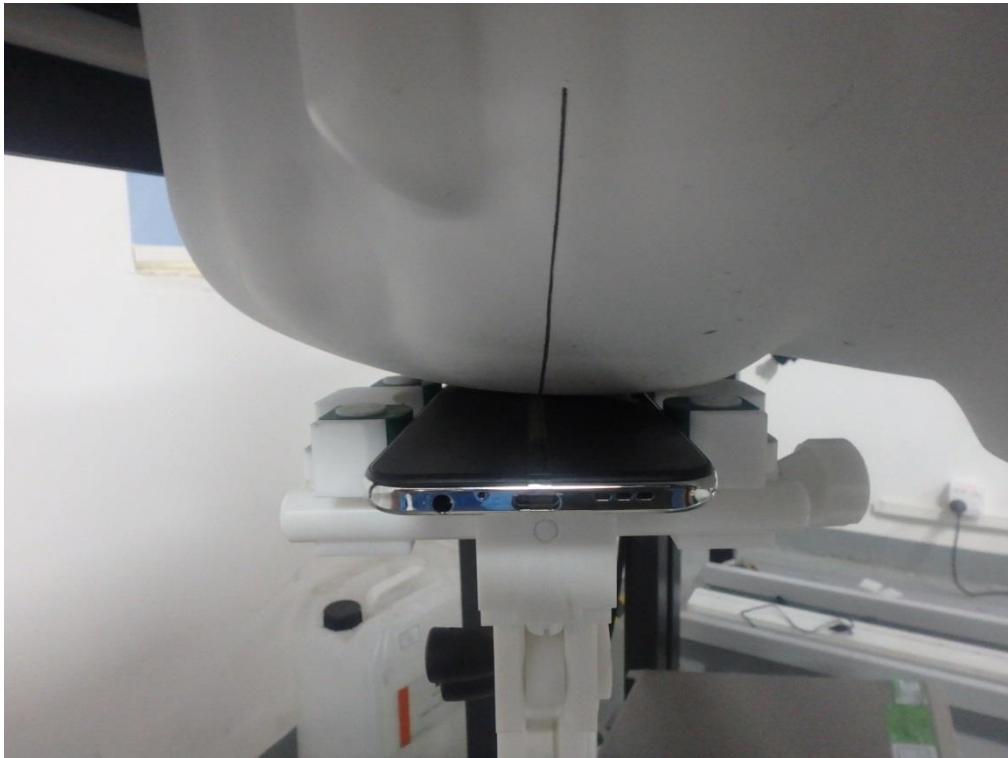
APPENDIX C. TEST SETUP PHOTOGRAPHS
LEFT-CHEEK TOUCH



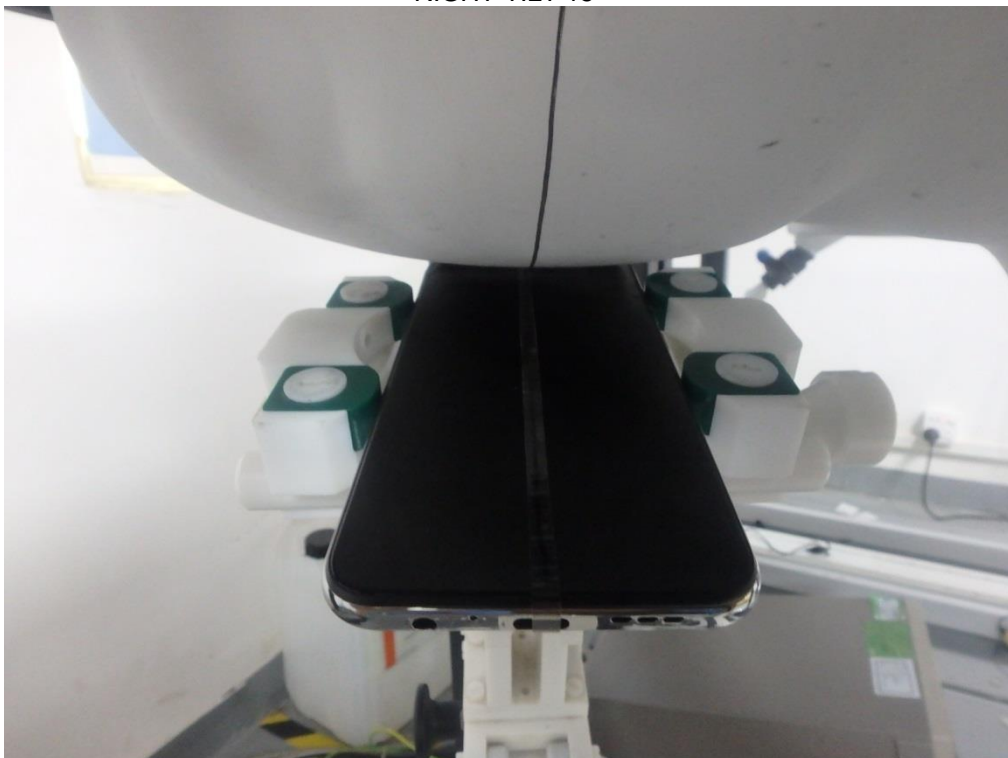
LEFT-TILT 15°



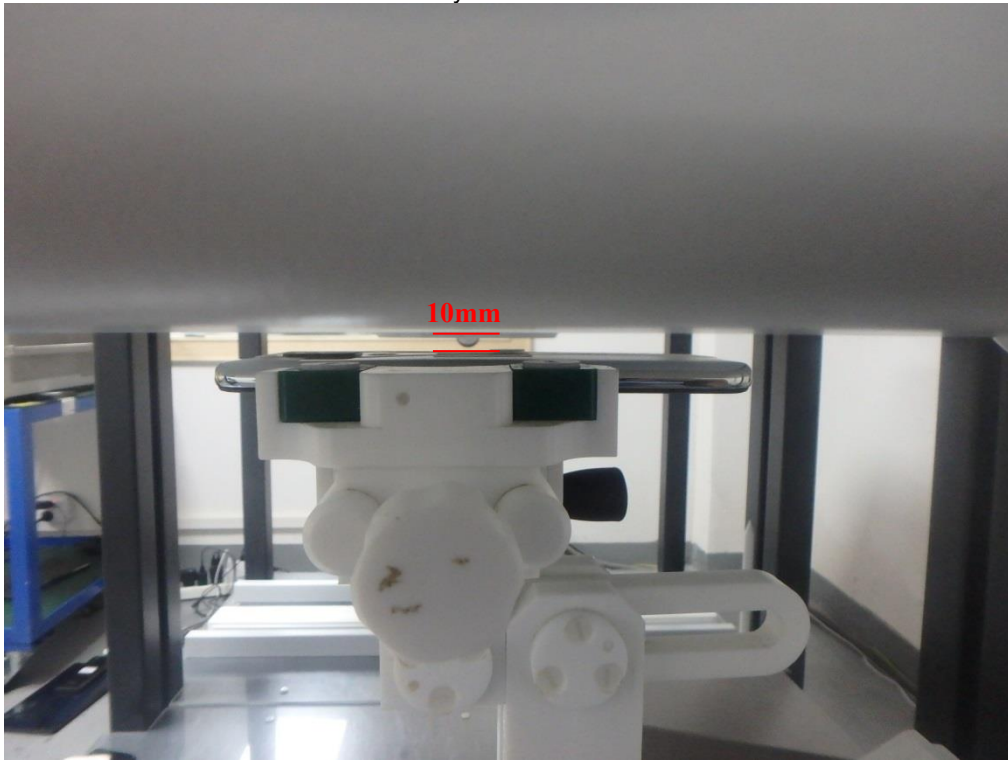
RIGHT- CHEEK TOUCH



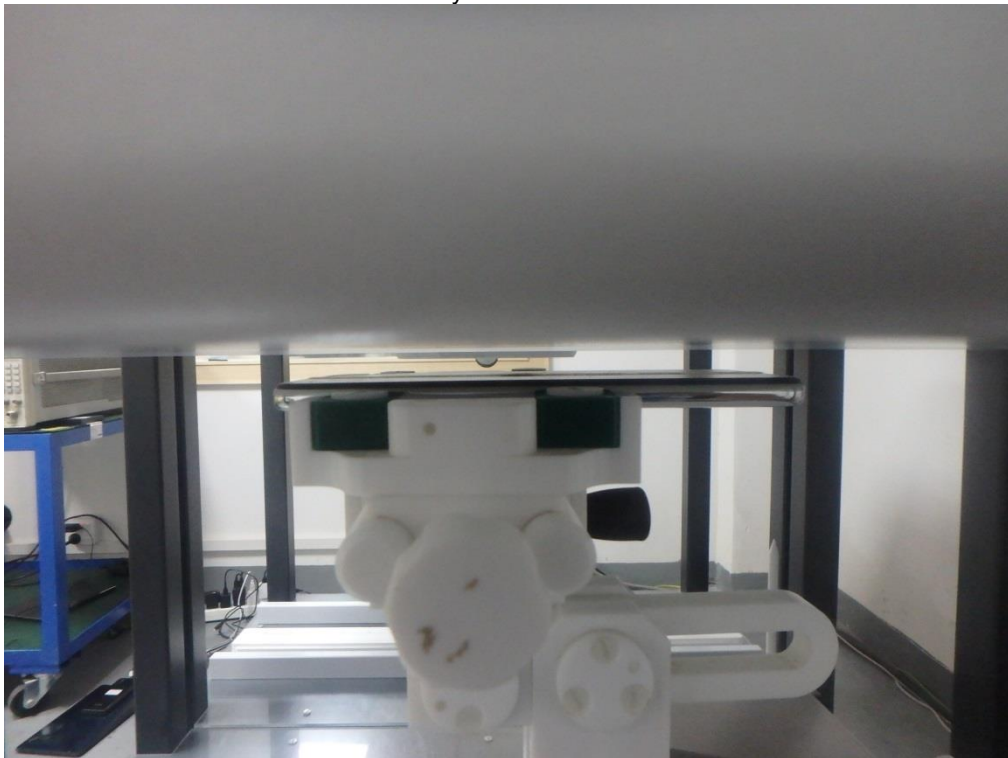
RIGHT-TILT 15°



Body Back 10mm



Body Front 10mm



Edge 1(Top) 10mm-Hotspot Mode



Edge 2(Right) 10mm-Hotspot Mode



Edge 3(Bottom) 10mm-Hotspot Mode


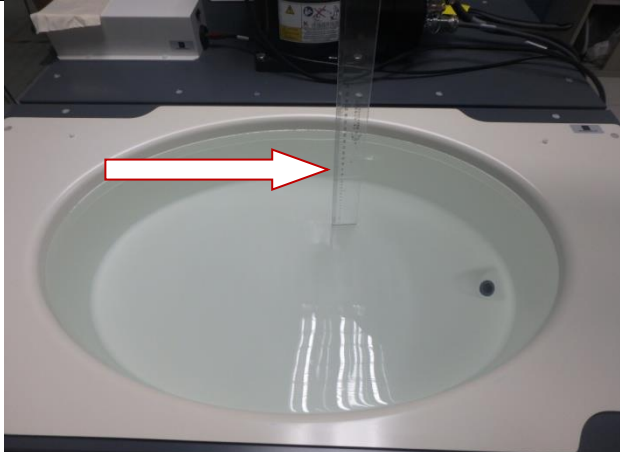

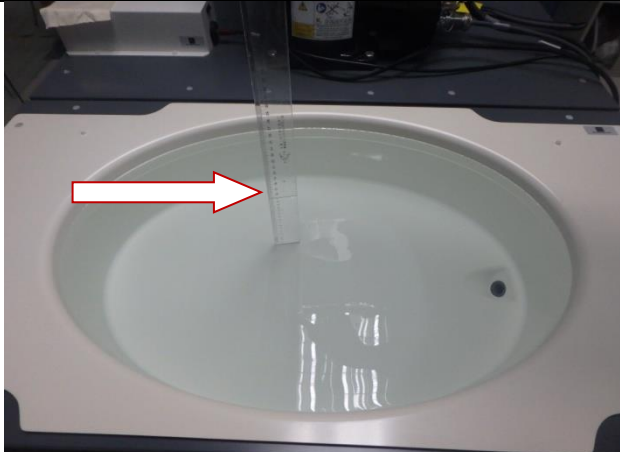

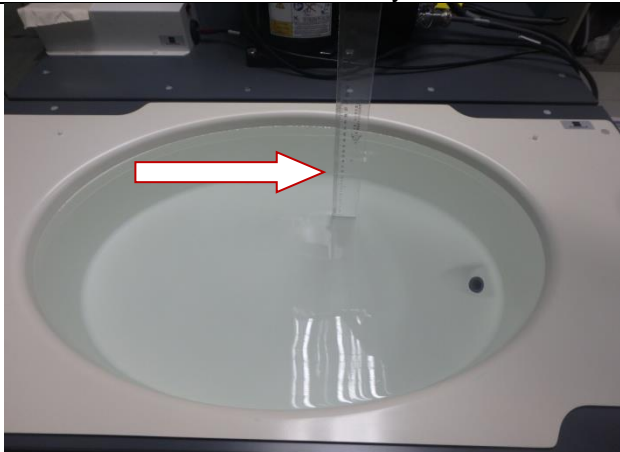


Edge 4(Left) 10mm-Hotspot Mode

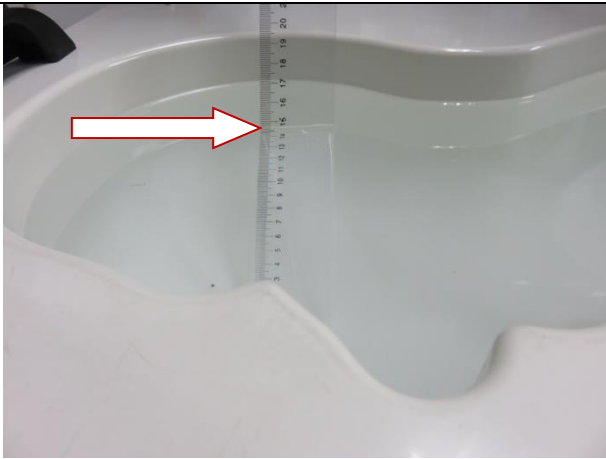


DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

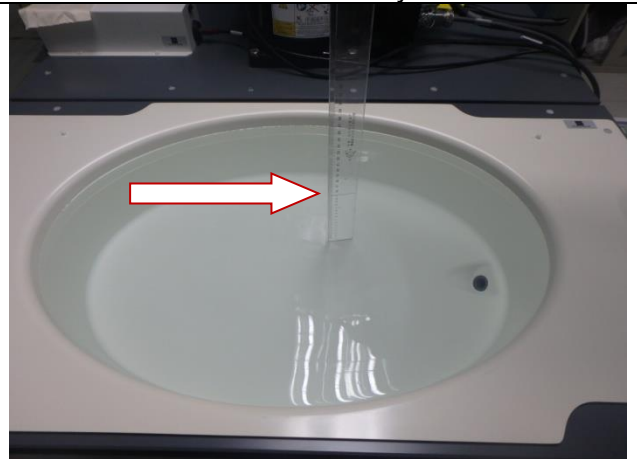
Note : The position used in the measurement were according to IEEE 1528-2013

<p>750MHz head</p>  A photograph showing a ruler placed vertically inside a white, irregularly shaped phantom. A red arrow points to the liquid level in the phantom, which is approximately at the 15.5 cm mark on the ruler.	<p>750MHz body</p>  A photograph showing a ruler placed vertically inside a white, circular phantom. A red arrow points to the liquid level in the phantom, which is approximately at the 15.5 cm mark on the ruler.
<p>835MHz head</p>  A photograph showing a ruler placed vertically inside a white, irregularly shaped phantom. A red arrow points to the liquid level in the phantom, which is approximately at the 15.5 cm mark on the ruler.	<p>835MHz body</p>  A photograph showing a ruler placed vertically inside a white, circular phantom. A red arrow points to the liquid level in the phantom, which is approximately at the 15.5 cm mark on the ruler.
<p>1900MHz head</p>  A photograph showing a ruler placed vertically inside a white, irregularly shaped phantom. A red arrow points to the liquid level in the phantom, which is approximately at the 15.5 cm mark on the ruler.	<p>1900MHz body</p>  A photograph showing a ruler placed vertically inside a white, circular phantom. A red arrow points to the liquid level in the phantom, which is approximately at the 15.5 cm mark on the ruler.

1750MHz head



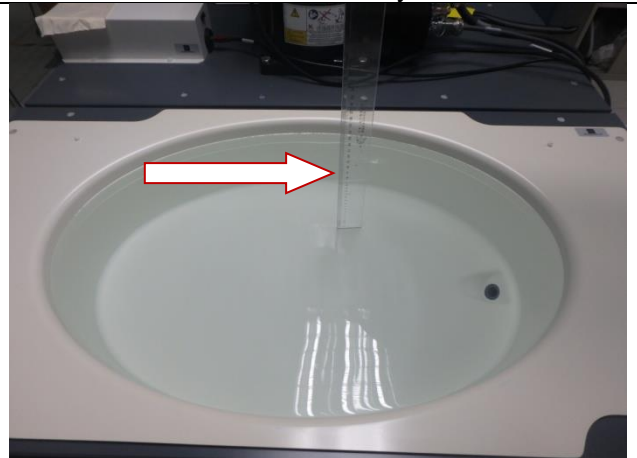
1750MHz body



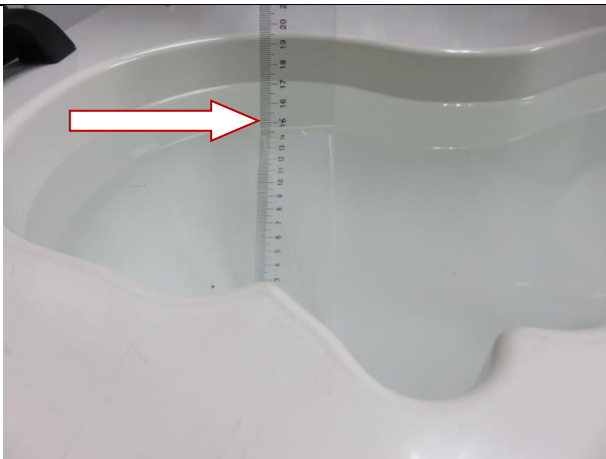
2450MHz head



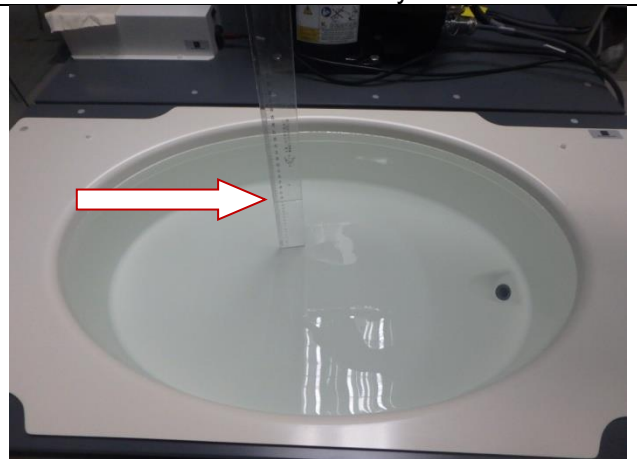
2450MHz body



2600MHz head



2600MHz body



APPENDIX D. CALIBRATION DATA

Refer to Attached files.