

Test Laboratory: AGC Lab
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835

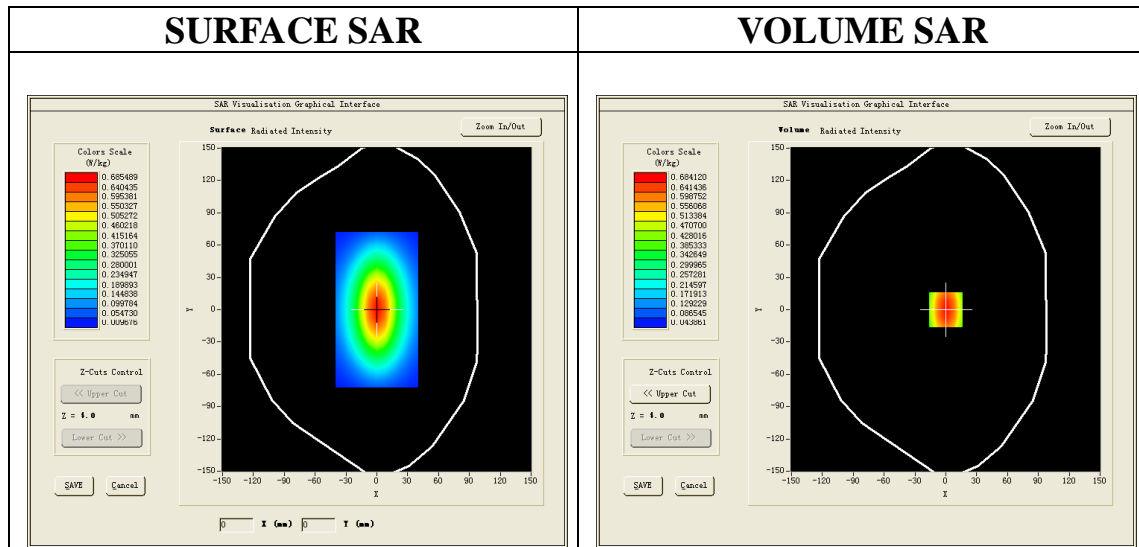
Date: Sep. 05,2018

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=5.29
Frequency: 835 MHz; Medium parameters used: $f = 835$ MHz; $\sigma=0.92$ mho/m; $\epsilon_r = 41.26$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.2, Liquid temperature (°C): 21.7

SATIMO Configuration:

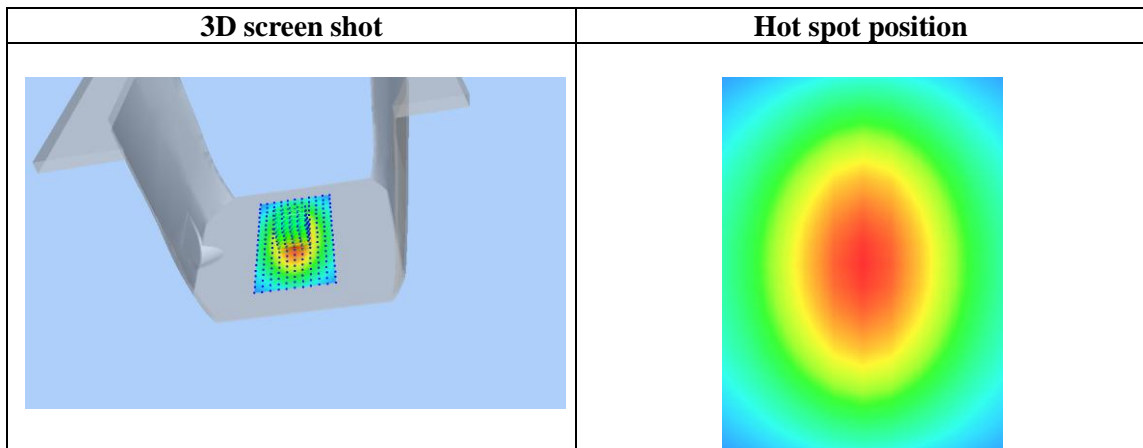
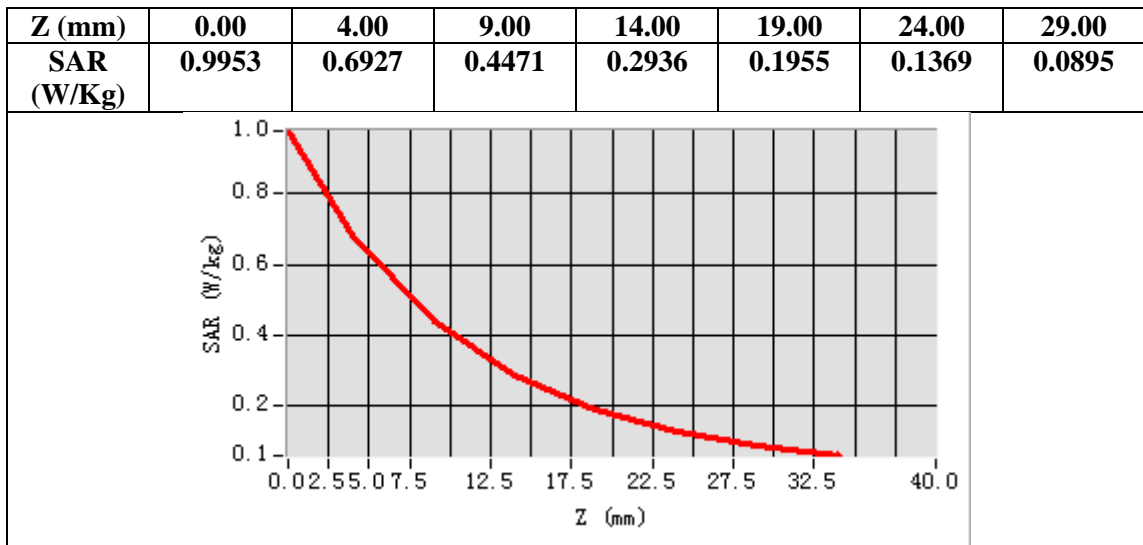
Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

Configuration/System Check 835MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=0.00, Y=0.00
SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.402130
SAR 1g (W/Kg)	0.651774



Test Laboratory: AGC Lab
System Check Body 835 MHz
DUT: Dipole 835 MHz Type: SID 835

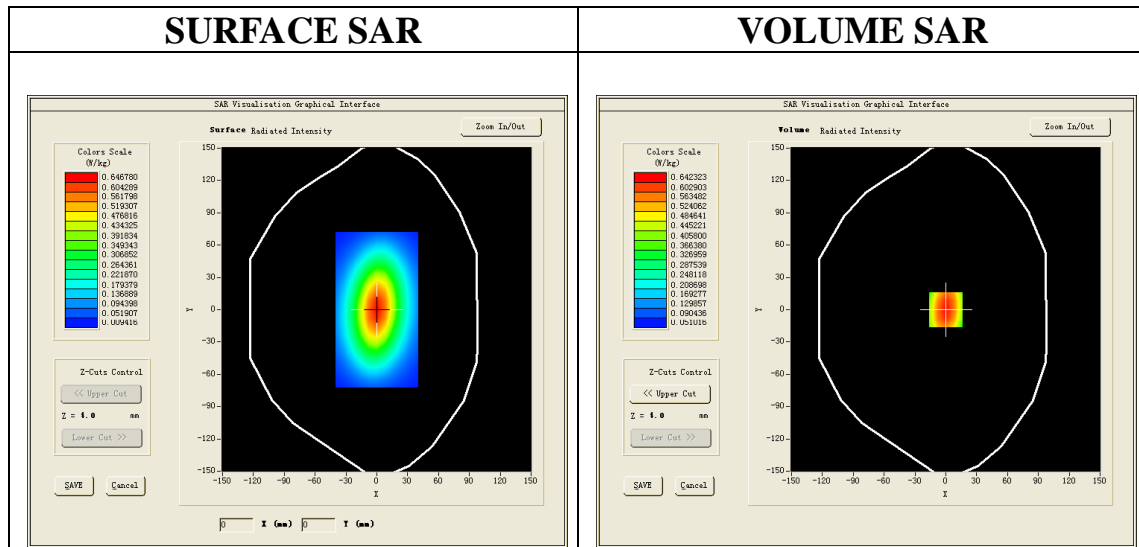
Date: Sep. 05,2018

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1; Conv.F=5.49
Frequency: 835 MHz; Medium parameters used: $f = 835$ MHz; $\sigma=0.96$ mho/m; $\epsilon_r = 55.41$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.2, Liquid temperature (°C): 21.9

SATIMO Configuration:

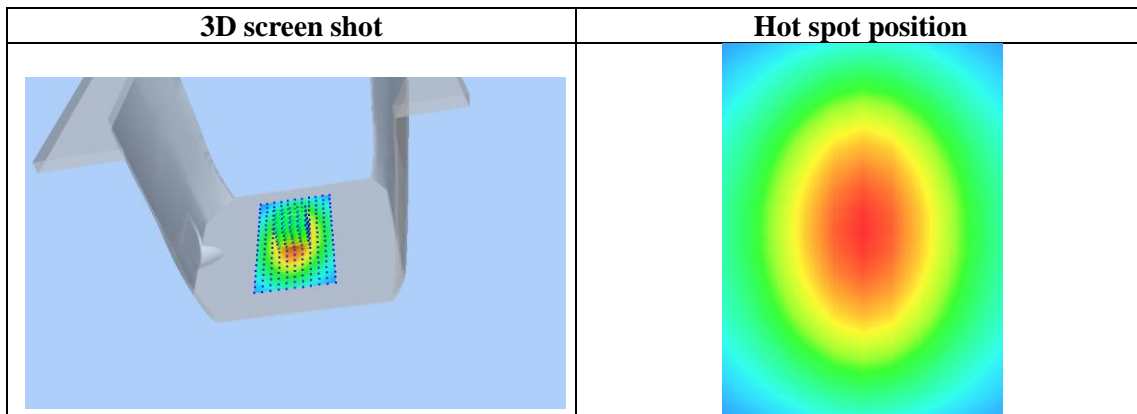
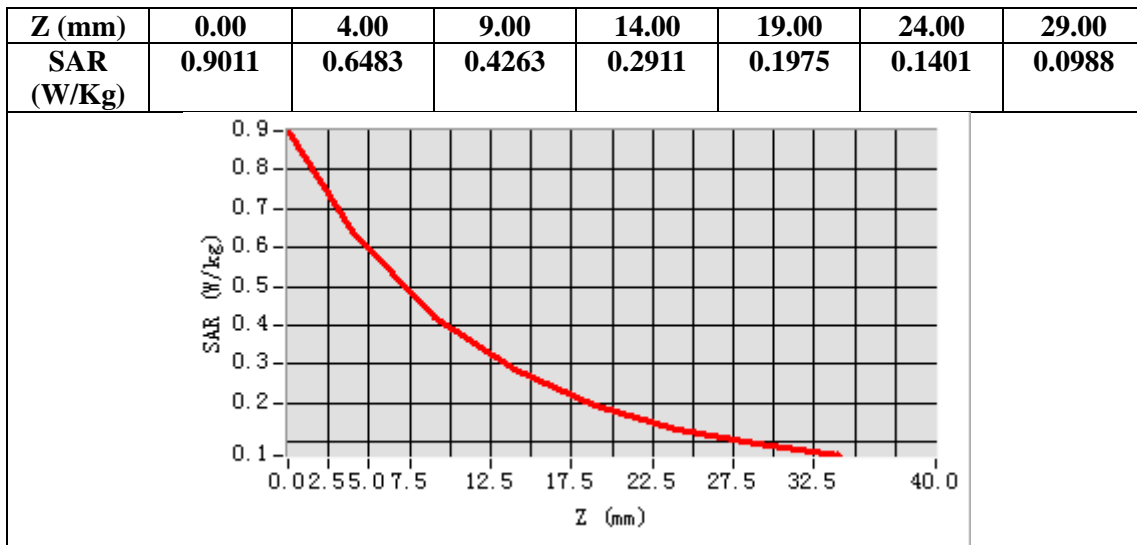
Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

Configuration/System Check 835MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 835MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=0.00, Y=0.00
SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.391053
SAR 1g (W/Kg)	0.619771



Test Laboratory: AGC Lab
System Check Head 1750MHz

Date: Sep. 28,2018

DUT: Dipole 1800 MHz; Type: SID 1800

Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=4.71
Frequency: 1750 MHz; Medium parameters used: $f = 1750\text{MHz}$; $\sigma=1.39\text{ mho/m}$; $\epsilon_r=39.88$; $\rho= 1000\text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 22.2, Liquid temperature ($^{\circ}\text{C}$): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

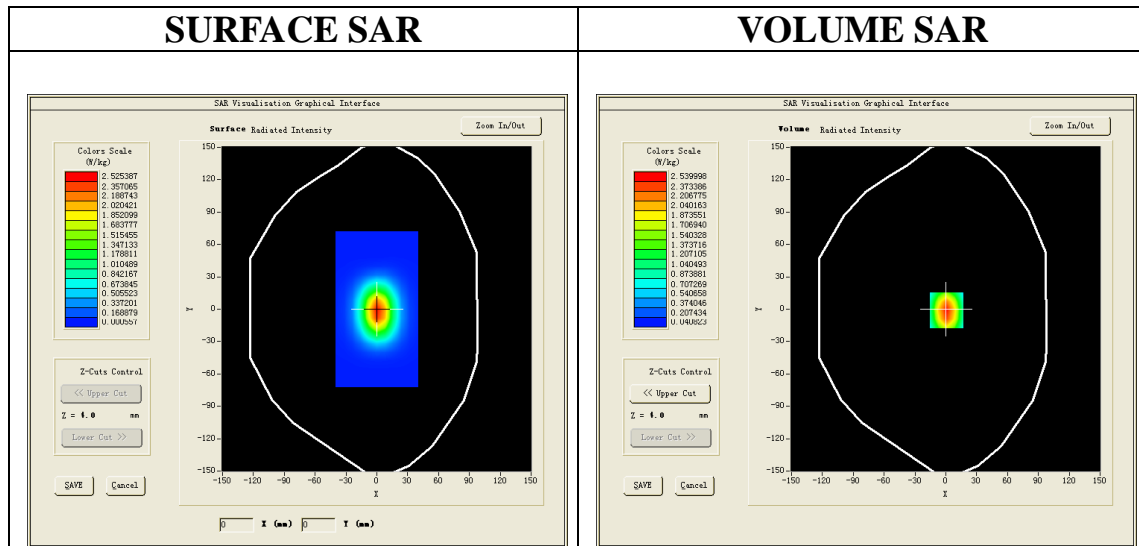
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

Configuration/System Check 1750MHz Head/Area Scan: Measurement grid: dx=8mm,dy=8mm

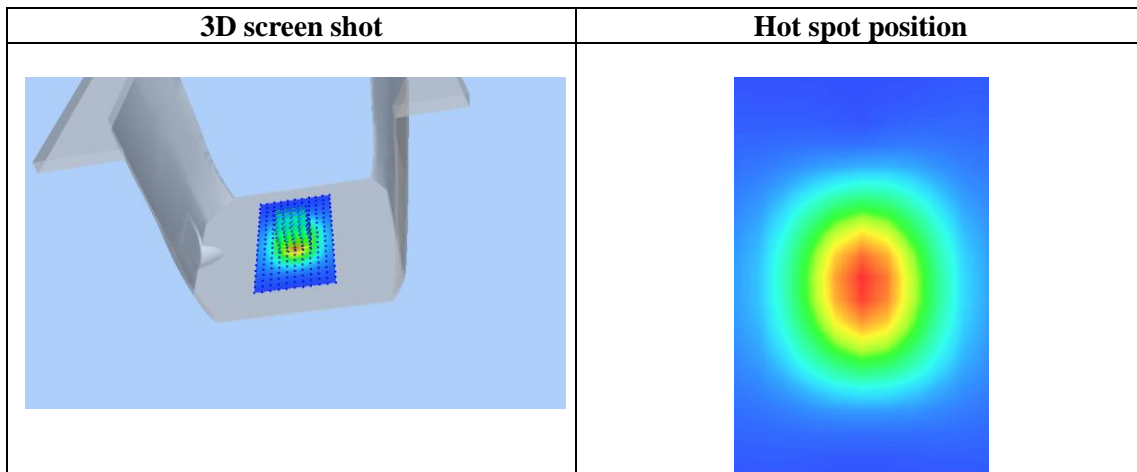
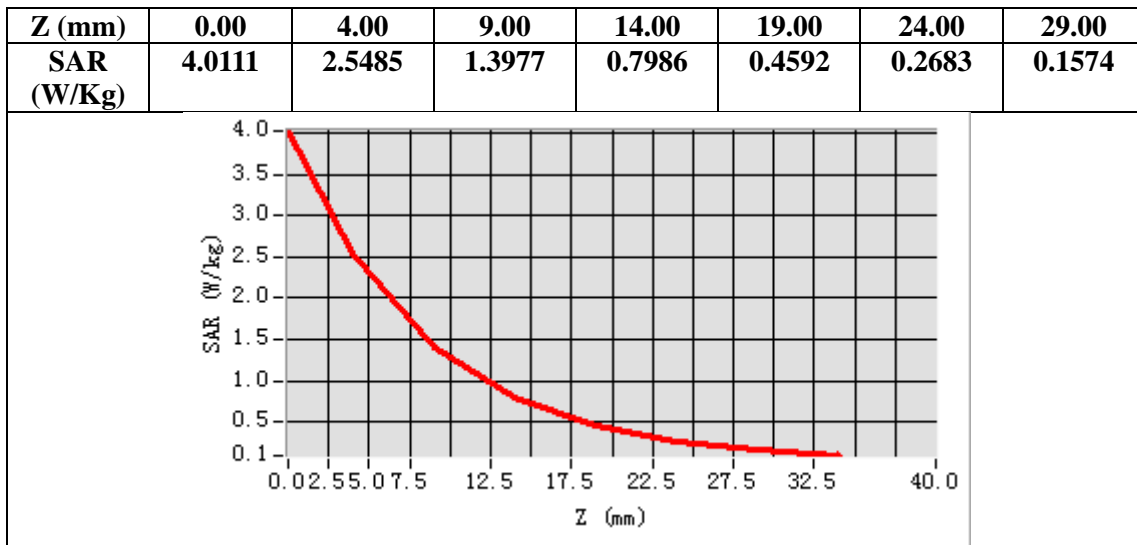
Configuration/System Check 1750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=1.00, Y=-1.00

SAR Peak: 4.01 W/kg

SAR 10g (W/Kg)	1.250132
SAR 1g (W/Kg)	2.401853



Test Laboratory: AGC Lab
System Check Body 1750MHz
DUT: Dipole 1800 MHz; Type: SID 1800

Date: Sep. 28,2018

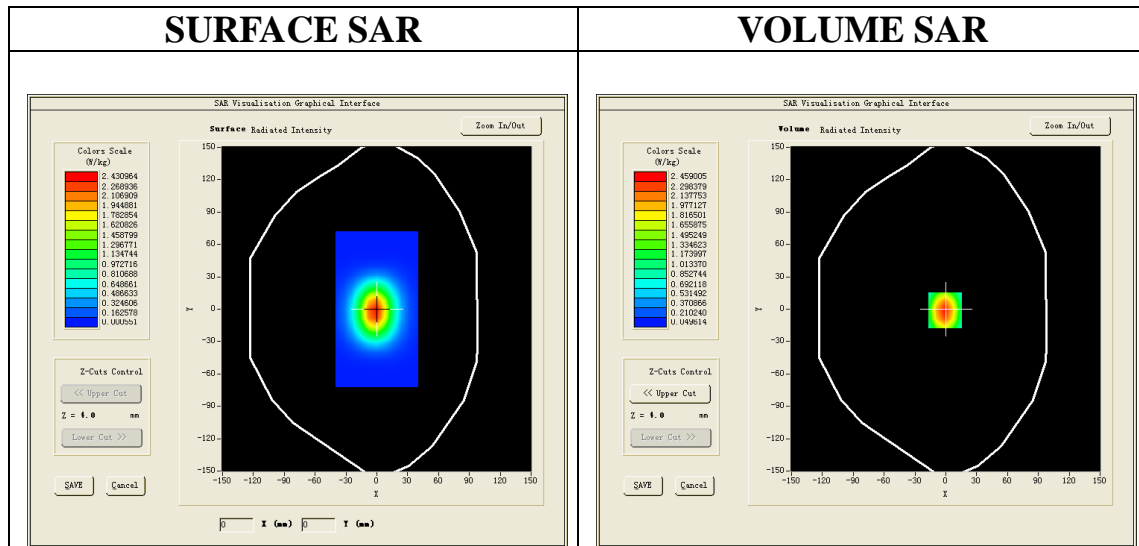
Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=4.81
Frequency: 1750MHz; Medium parameters used: $f = 1750\text{MHz}$; $\sigma=1.50\text{ mho/m}$; $\epsilon_r = 53.44$; $\rho= 1000\text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 22.2, Liquid temperature ($^{\circ}\text{C}$): 21.8

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

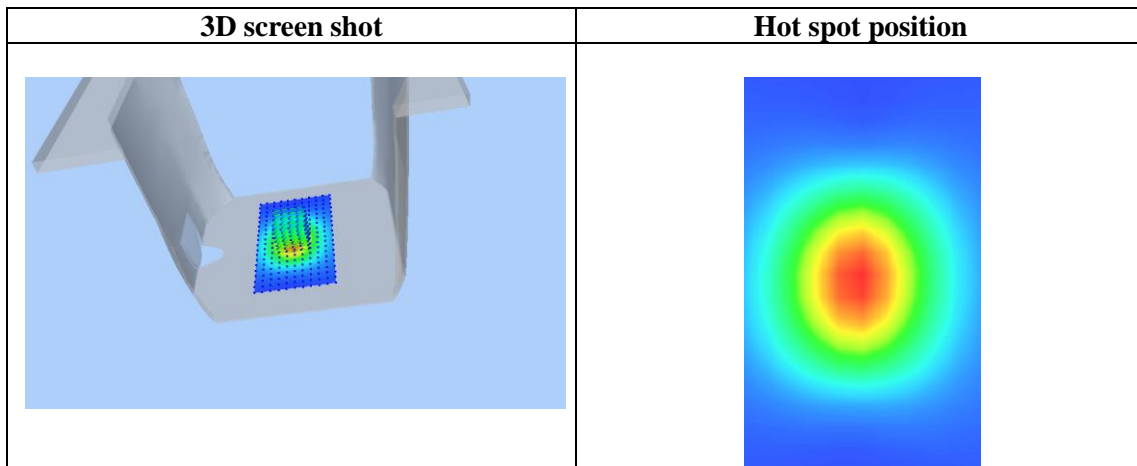
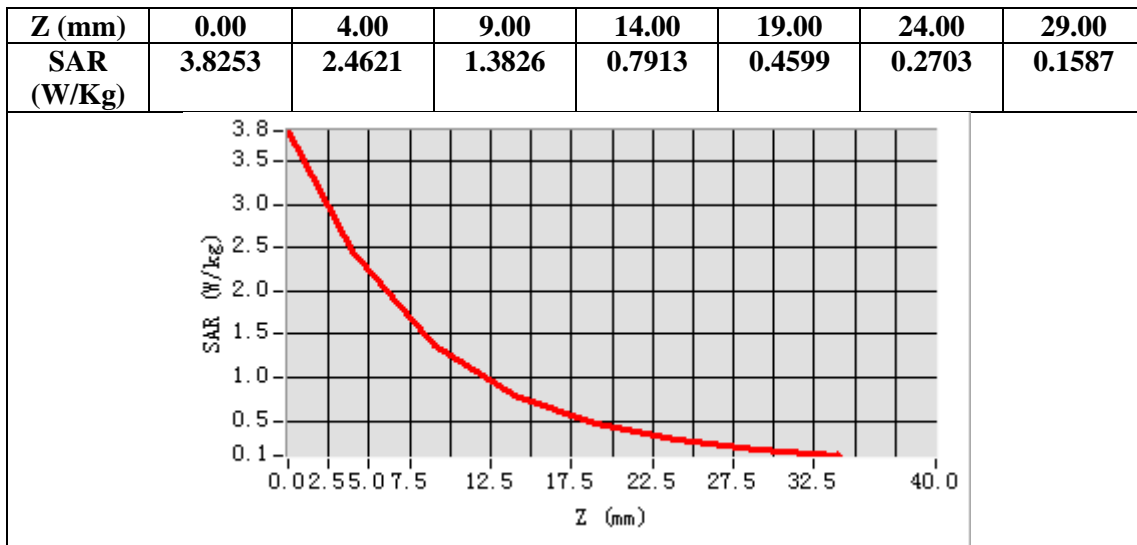
Configuration/System Check 1750MHz Body/Area Scan: Measurement grid: dx=8mm,dy=8mm

Configuration/System Check 1750MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=-1.00, Y=-1.00
SAR Peak: 3.83 W/kg

SAR 10g (W/Kg)	1.239746
SAR 1g (W/Kg)	2.329774



Test Laboratory: AGC Lab
System Check Head 1900MHz

Date: Sep. 08,2018

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.24
Frequency: 1900 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.31$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.5, Liquid temperature (°C): 22.1

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

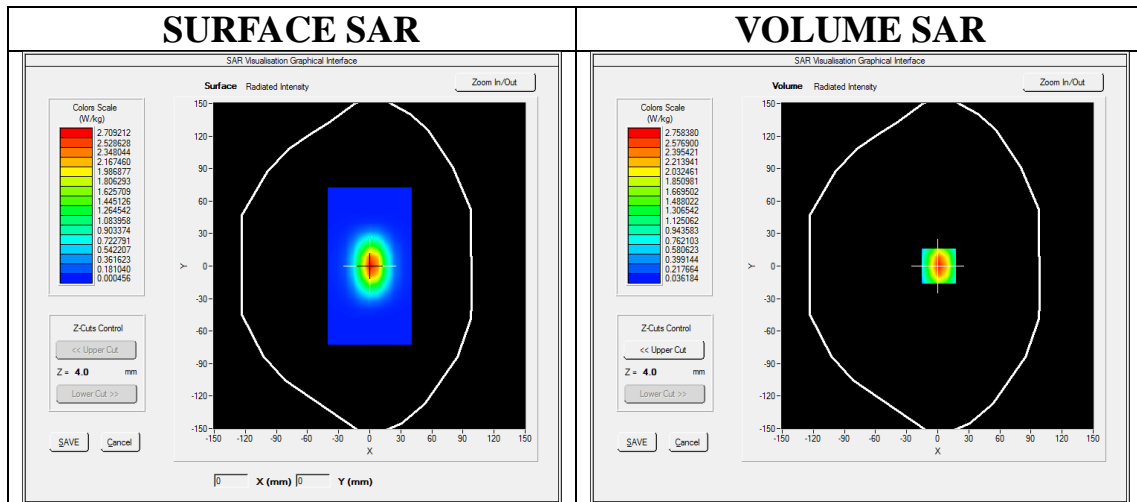
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

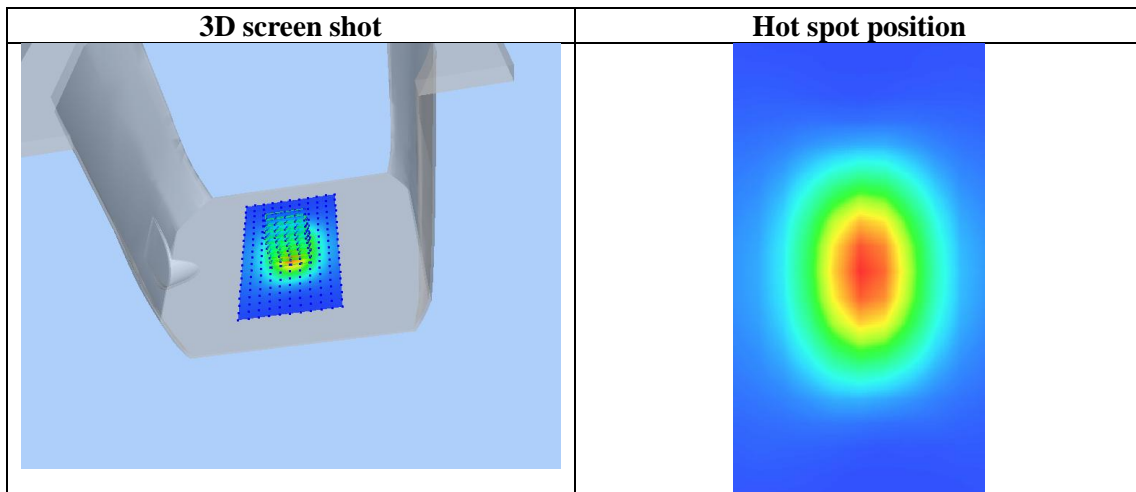
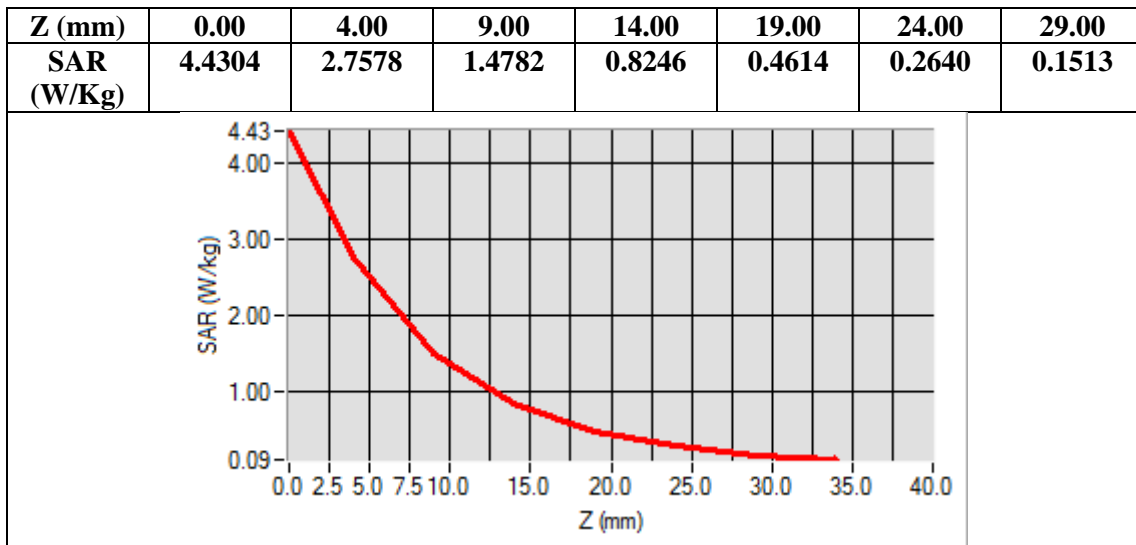
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=1.00, Y=0.00

SAR Peak: 4.43 W/kg

SAR 10g (W/Kg)	1.327896
SAR 1g (W/Kg)	2.590514



Test Laboratory: AGC Lab
System Check Body 1900MHz

Date: Sep. 08,2018

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.39
Frequency: 1900 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma=1.53$ mho/m; $\epsilon_r =51.15$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.5, Liquid temperature (°C): 22.3

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

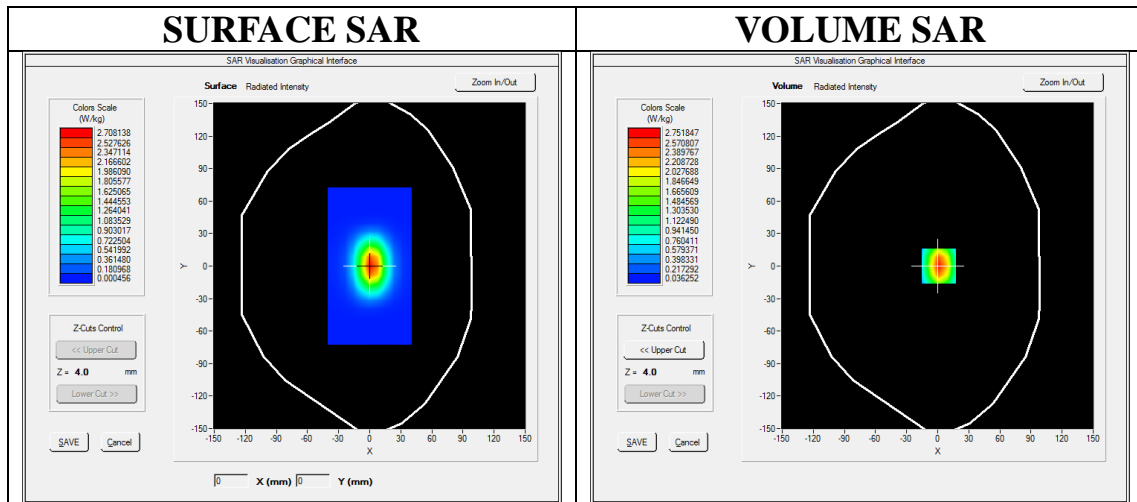
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

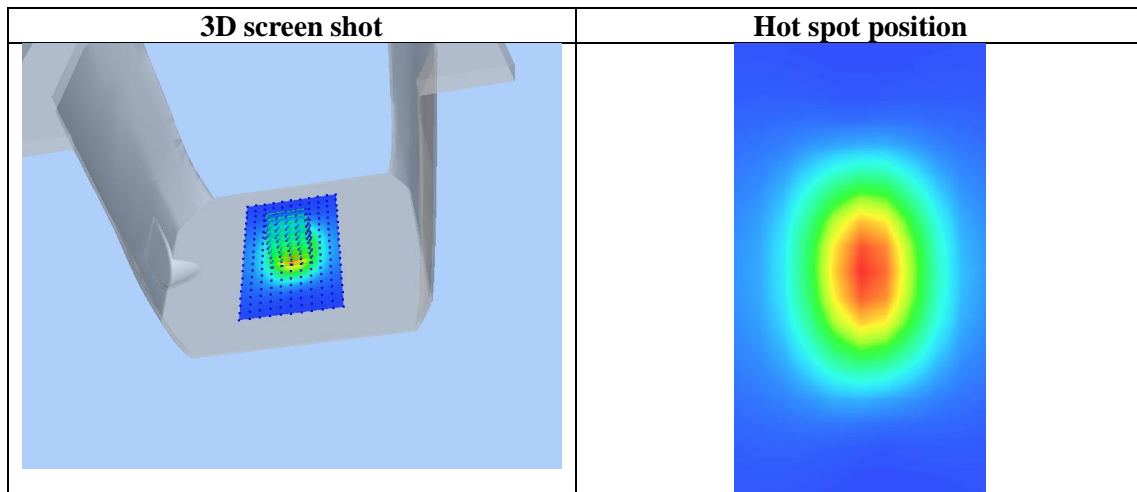
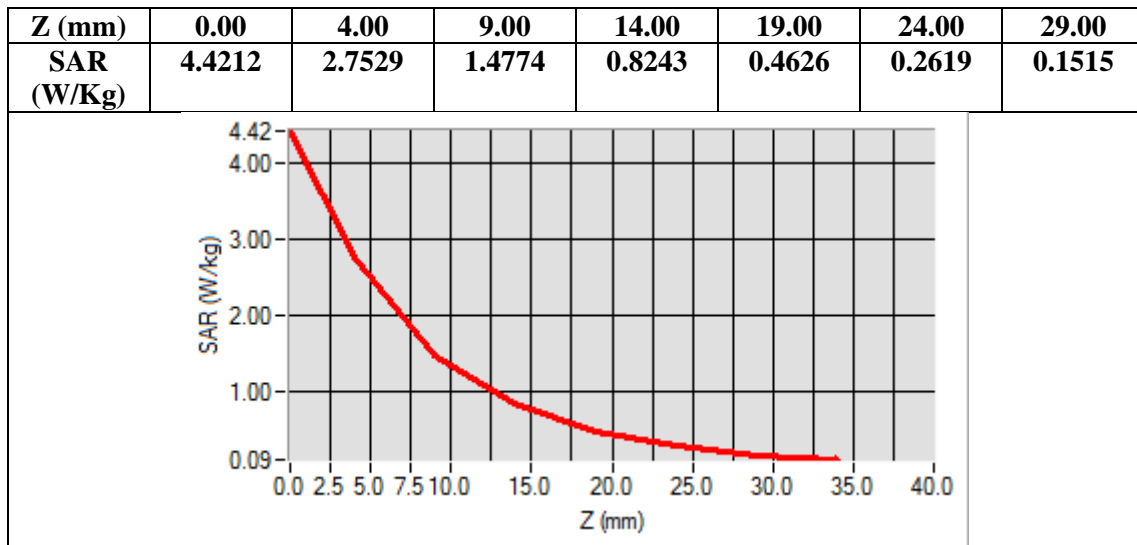
Configuration/System Check 1900MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=1.00, Y=0.00

SAR Peak: 4.42 W/kg

SAR 10g (W/Kg)	1.298150
SAR 1g (W/Kg)	2.580766



Test Laboratory: AGC Lab
System Check Head 1900MHz

Date: Sep. 11,2018

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.24
Frequency: 1900 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma=1.41$ mho/m; $\epsilon_r=40.78$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.1, Liquid temperature (°C): 21.5

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

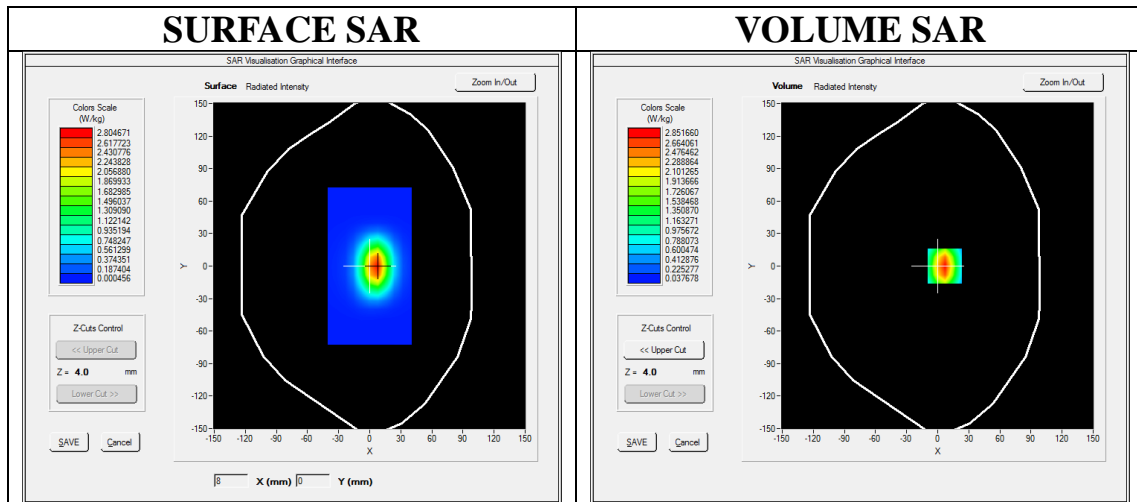
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

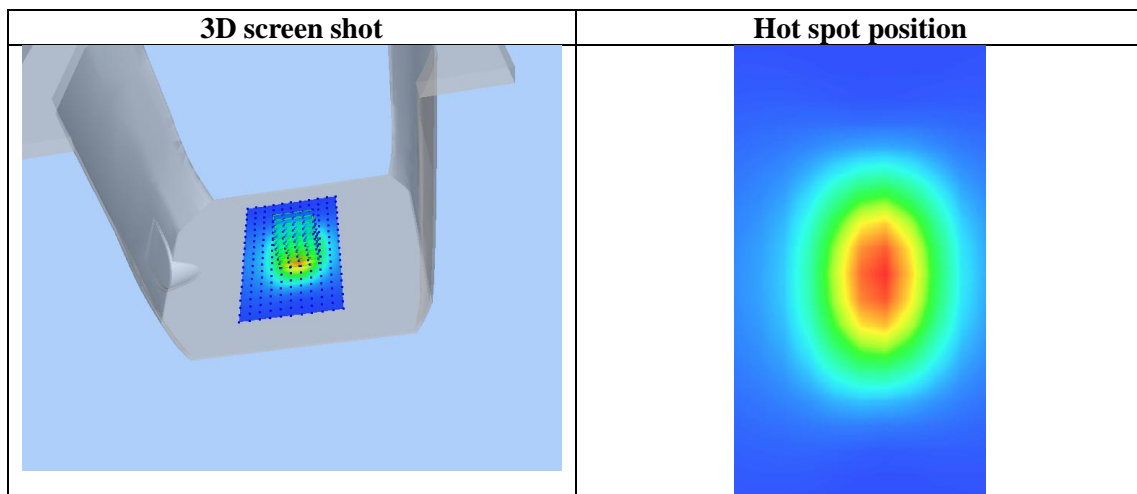
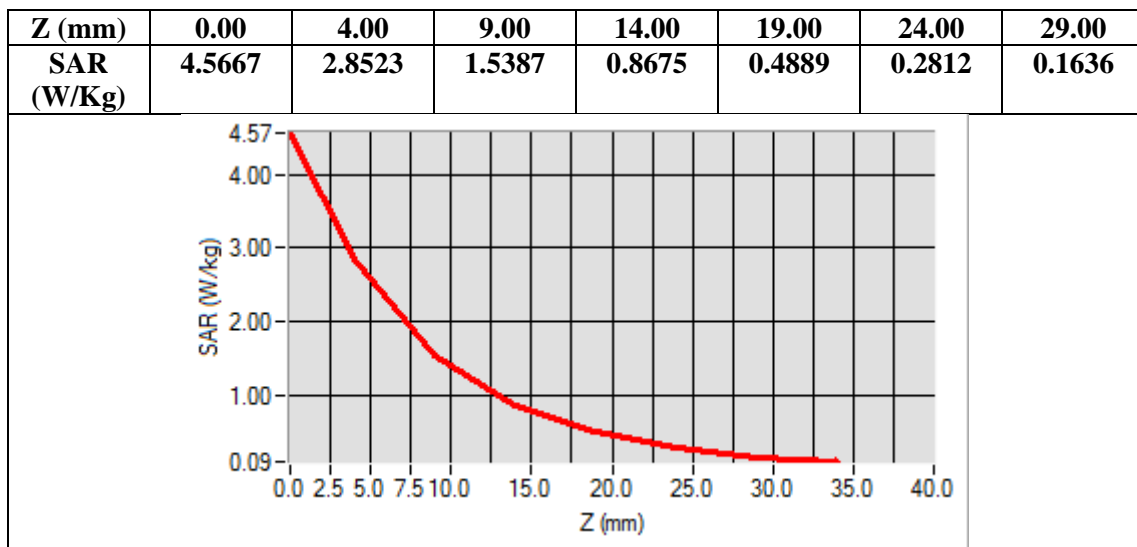
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=7.00, Y=0.00

SAR Peak: 4.55 W/kg

SAR 10g (W/Kg)	1.340471
SAR 1g (W/Kg)	2.673105



Test Laboratory: AGC Lab
System Check Body 1900MHz

Date: Sep. 11,2018

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.39
Frequency: 1900 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.62$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.1, Liquid temperature (°C): 21.7

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

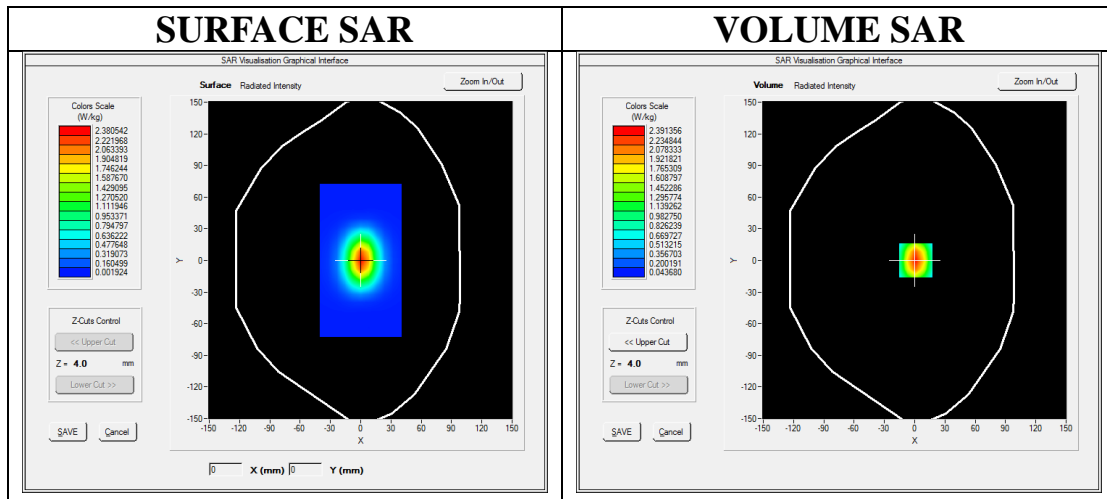
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

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

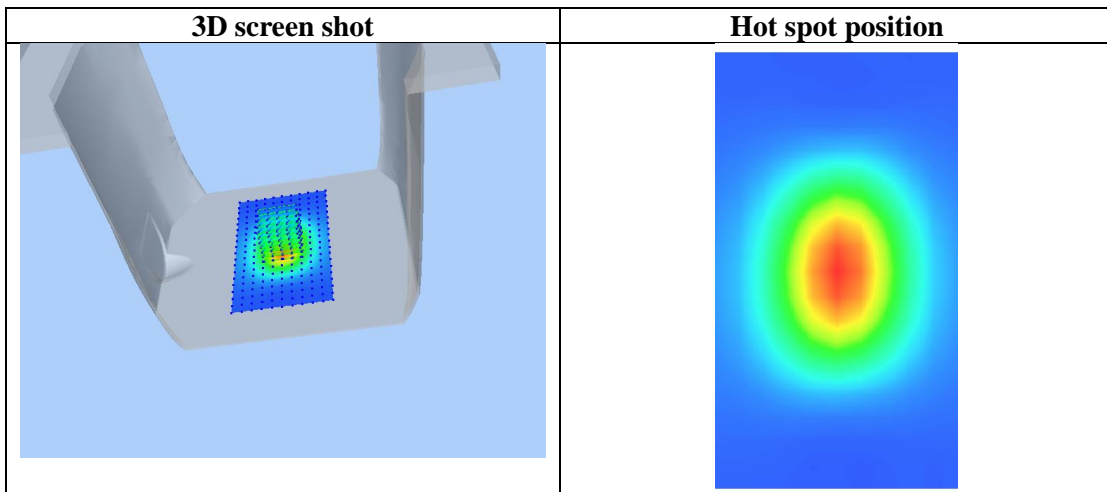
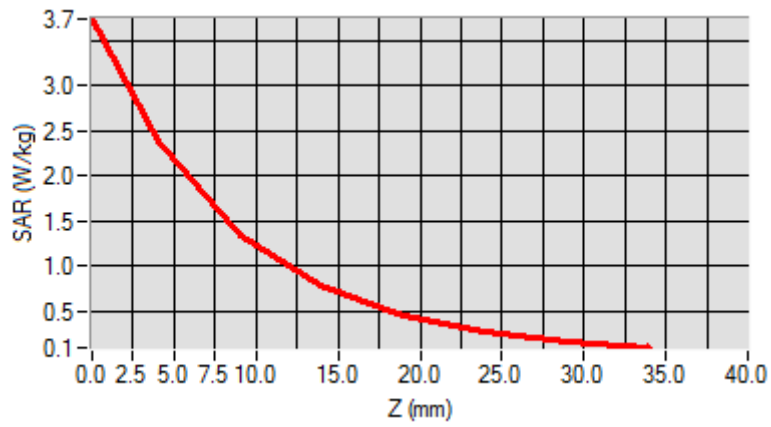


Maximum location: X=0.00, Y=0.00

SAR Peak: 3.79 W/kg

SAR 10g (W/Kg)	1.190268
SAR 1g (W/Kg)	2.268408

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.7685	2.4046	1.3497	0.7807	0.4541	0.2651	0.1513



Test Laboratory: AGC Lab
System Check Head 2450 MHz

Date: Sep. 27,2018

DUT: Dipole 2450 MHz Type: SID 2450

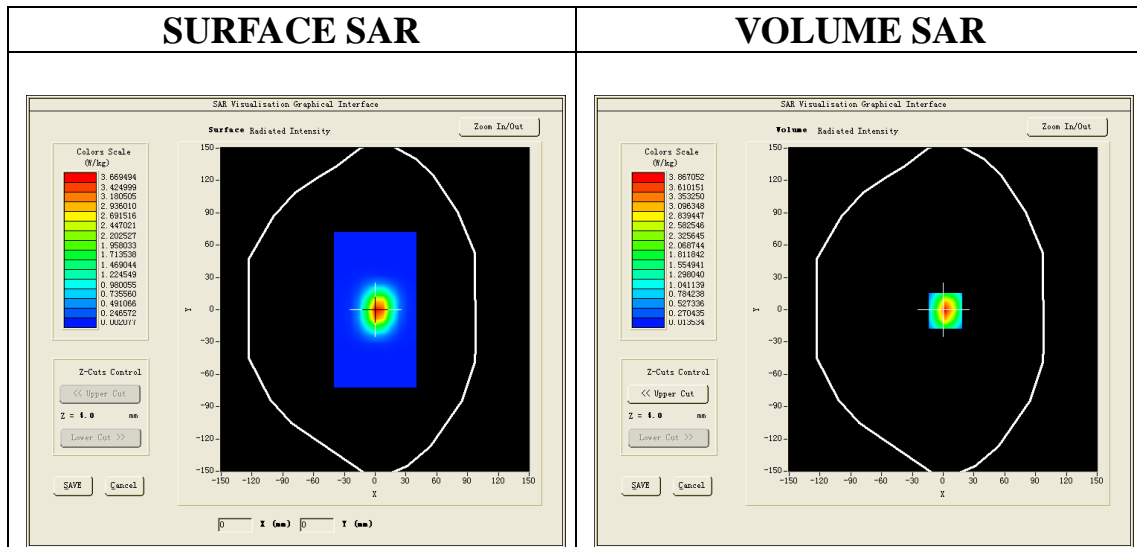
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=4.90
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma=1.80$ mho/m; $\epsilon_r =39.57$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.3, Liquid temperature (°C): 21.6

SATIMO Configuration

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

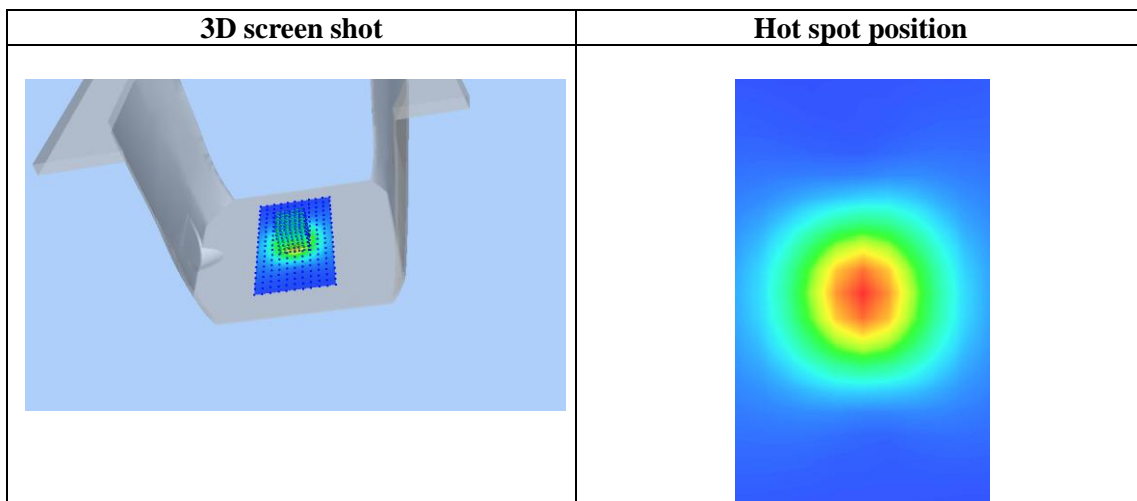
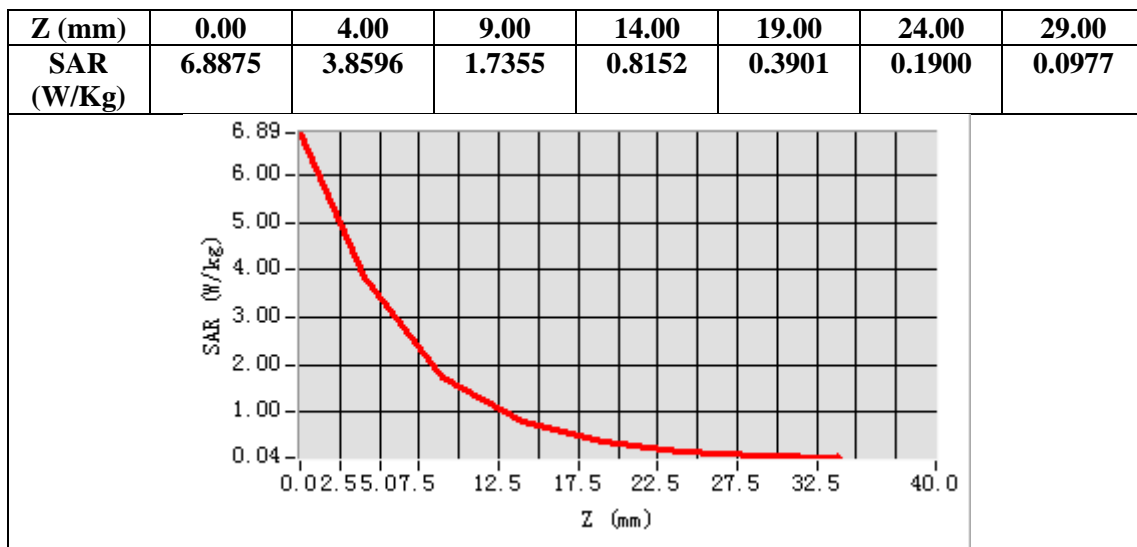
Configuration/System Check 2450MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm

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



Maximum location: X=2.00, Y=-1.00
SAR Peak: 6.88 W/kg

SAR 10g (W/Kg)	1.549553
SAR 1g (W/Kg)	3.596314



Test Laboratory: AGC Lab
System Check Body 2450 MHz

Date: Sep. 27,2018

DUT: Dipole 2450 MHz Type: SID 2450

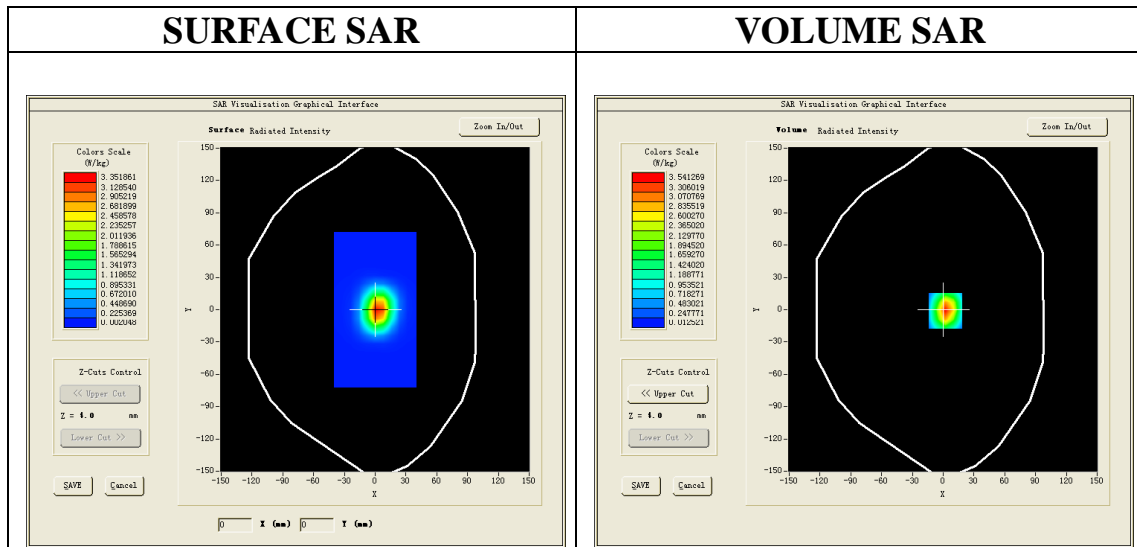
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=5.04
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma=1.95$ mho/m; $\epsilon_r =53.05$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.3, Liquid temperature (°C): 21.9

SATIMO Configuration

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

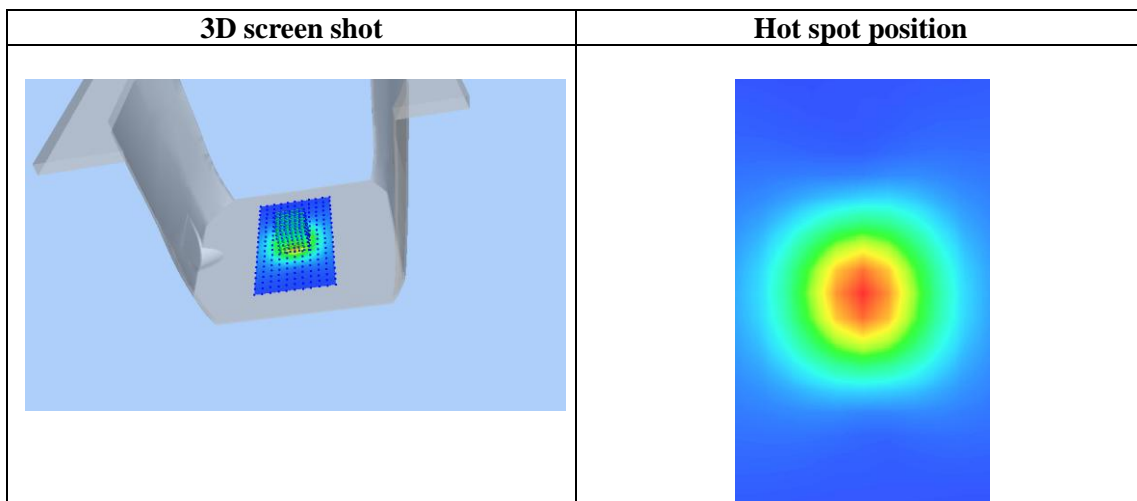
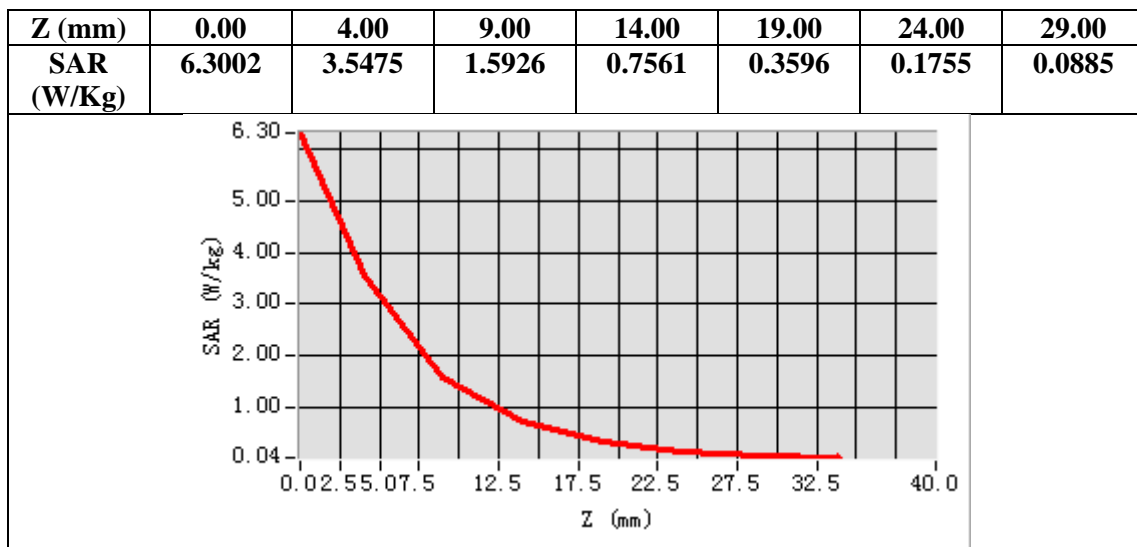
Configuration/System Check 2450MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm

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



Maximum location: X=2.00, Y=-1.00
SAR Peak: 6.29 W/kg

SAR 10g (W/Kg)	1.431520
SAR 1g (W/Kg)	3.320774



Test Laboratory: AGC Lab
System Check Head 2600MHz

Date: Sep. 21,2018

DUT: Dipole 2600 MHz; Type: SID 2600

Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1; Conv.F=4.57
Frequency:2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 39.44$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

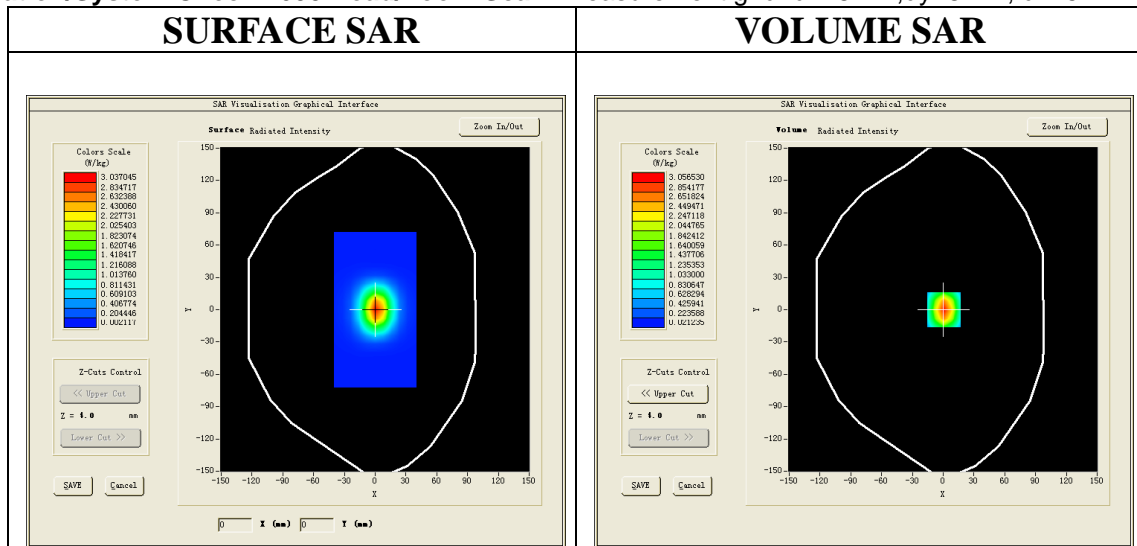
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

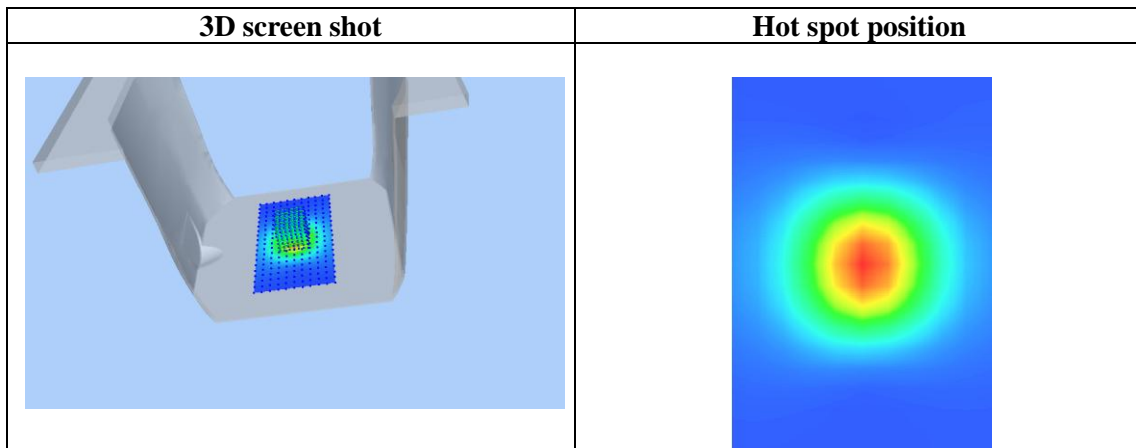
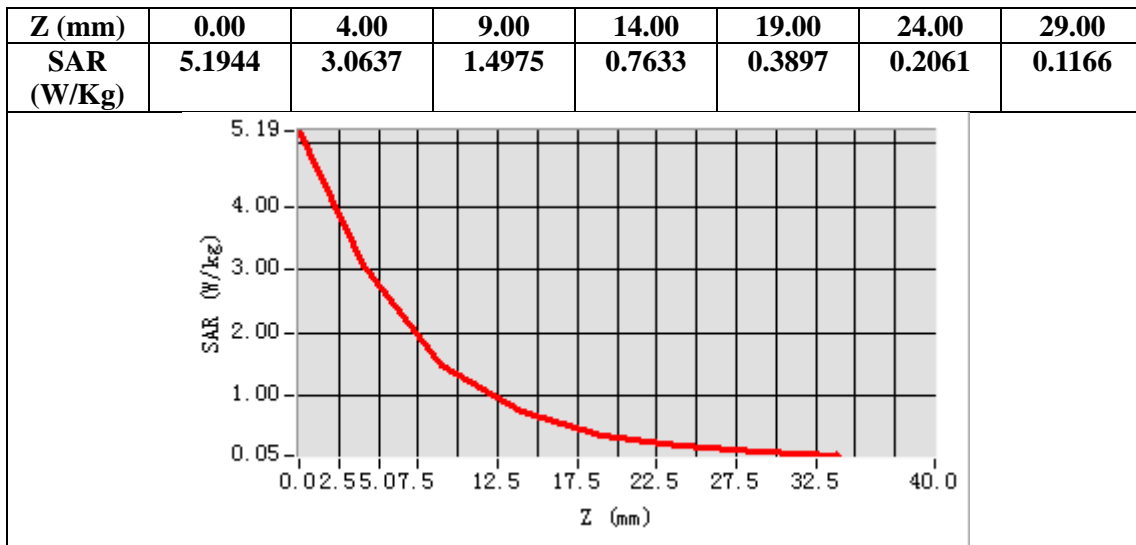
Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



Maximum location: X=1.00, Y=0.00

SAR Peak: 5.19 W/kg

SAR 10g (W/Kg)	1.367441
SAR 1g (W/Kg)	3.085461



Test Laboratory: AGC Lab
System Check Body 2600MHz
DUT: Dipole 2600 MHz; Type: SID 2600

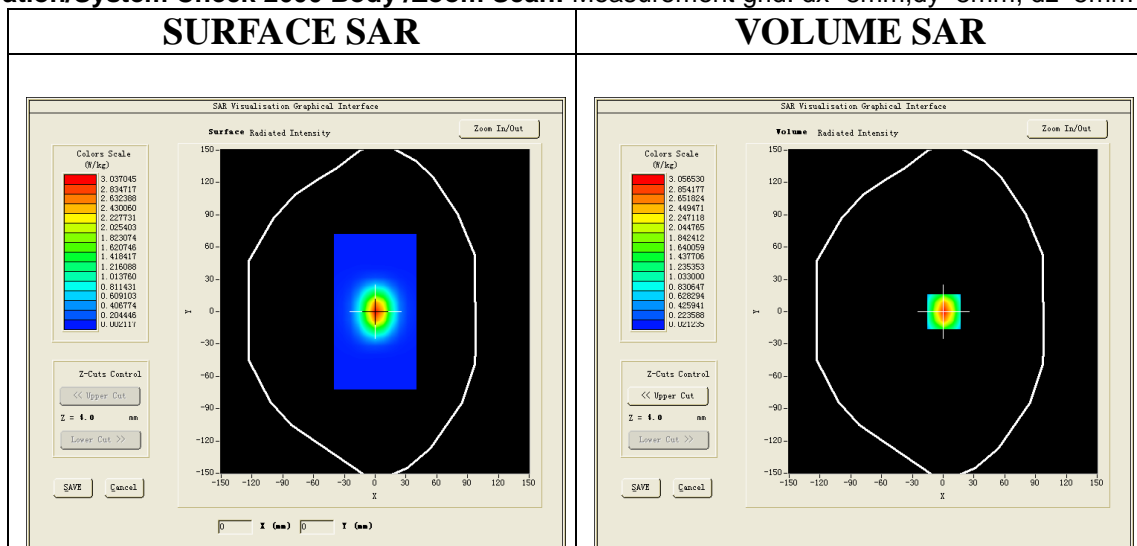
Date: Sep. 21,2018

Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1; Conv.F=4.68
Frequency:2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma=2.12$ mho/m; $\epsilon_r =52.46$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.8

SATIMO Configuration:

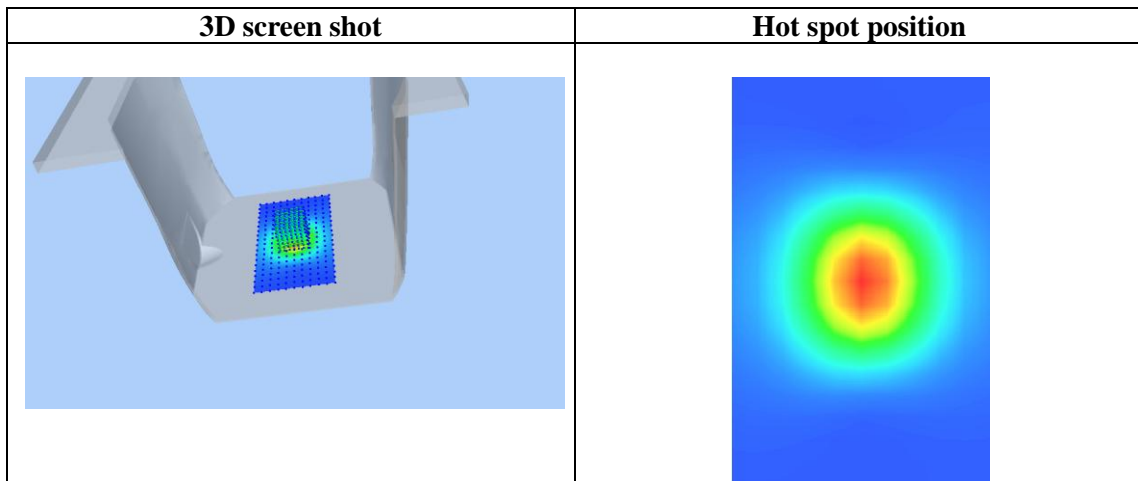
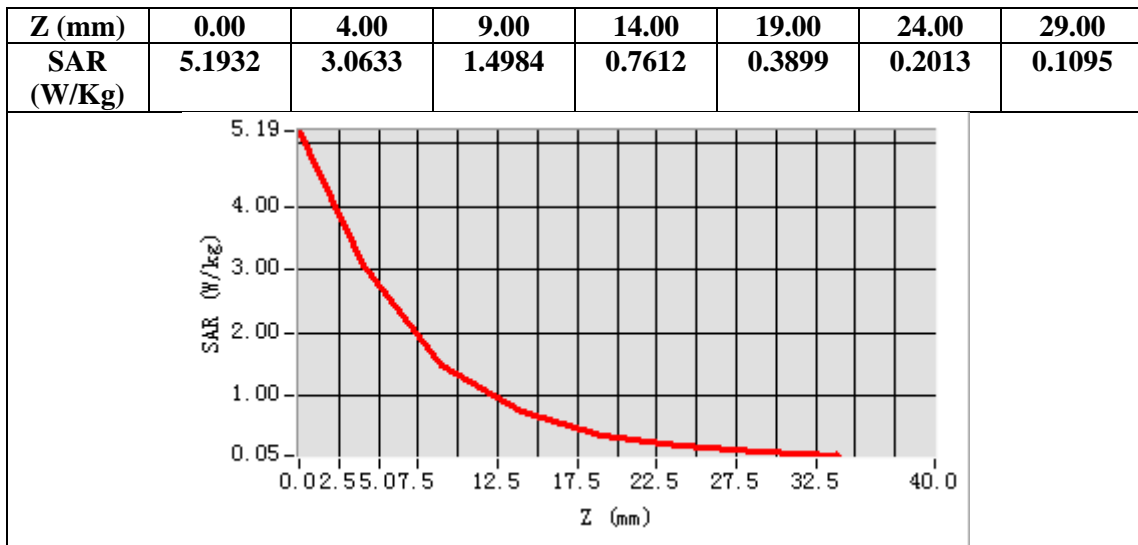
Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

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



Maximum location: X=1.00, Y=0.00
SAR Peak: 5.19 W/kg

SAR 10g (W/Kg)	1.385647
SAR 1g (W/Kg)	3.012538



APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab
GSM 850 Mid- Touch-Right <SIM 1>
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 10,2018

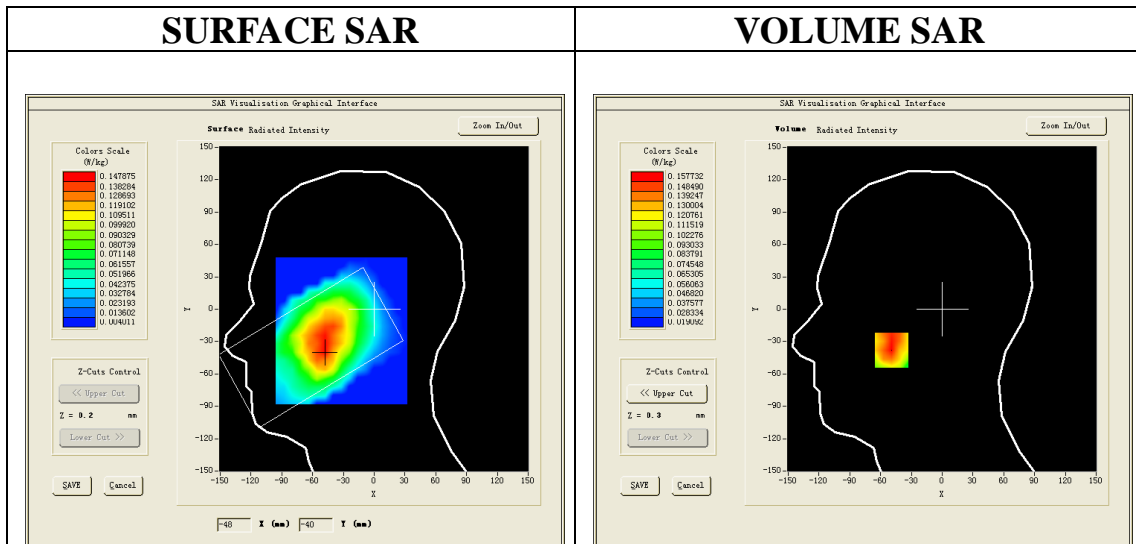
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.29;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.88$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.3, Liquid temperature (°C): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

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;

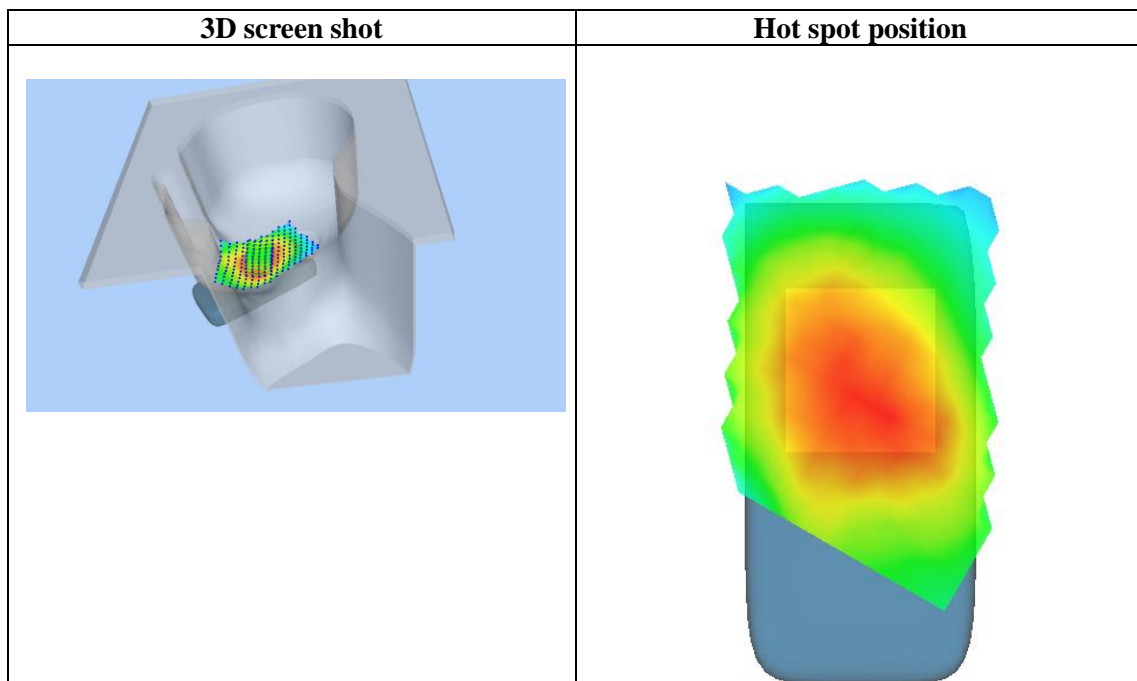
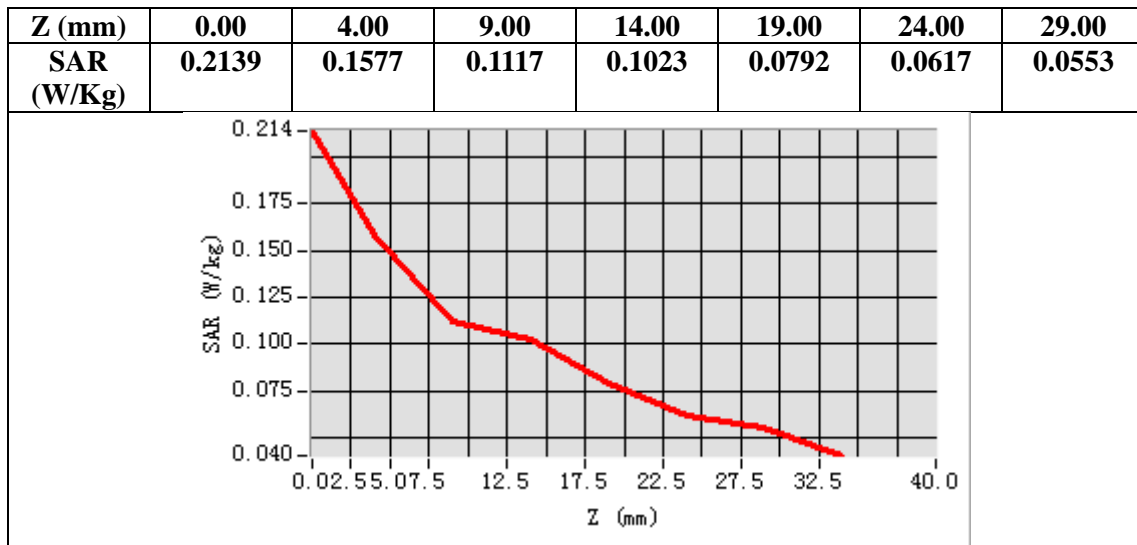
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-49.00, Y=-38.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.113584
SAR 1g (W/Kg)	0.154840



Test Laboratory: AGC Lab
GSM 850 Mid- Body- Front (MS) <SIM 1>
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 10,2018

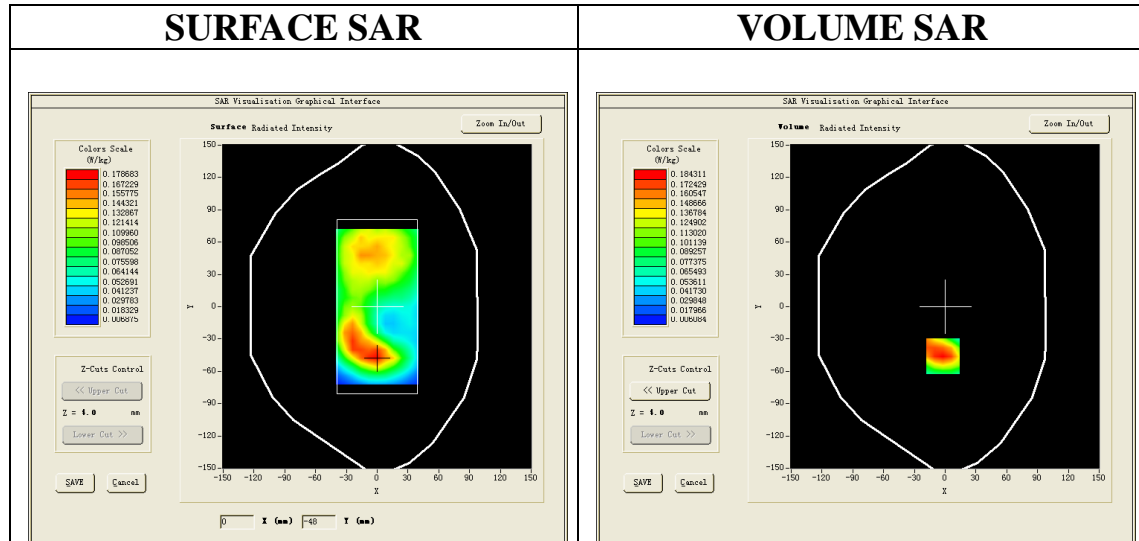
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.49;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.16$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.3, Liquid temperature (°C): 21.9

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

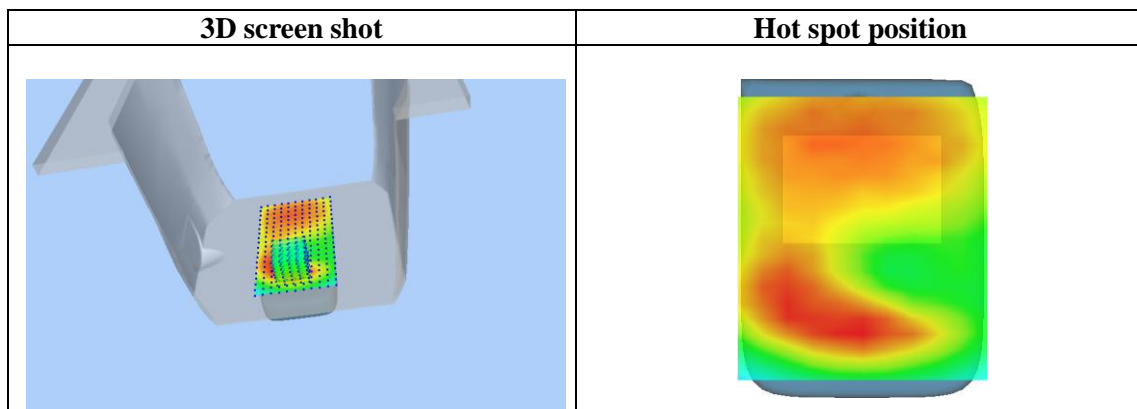
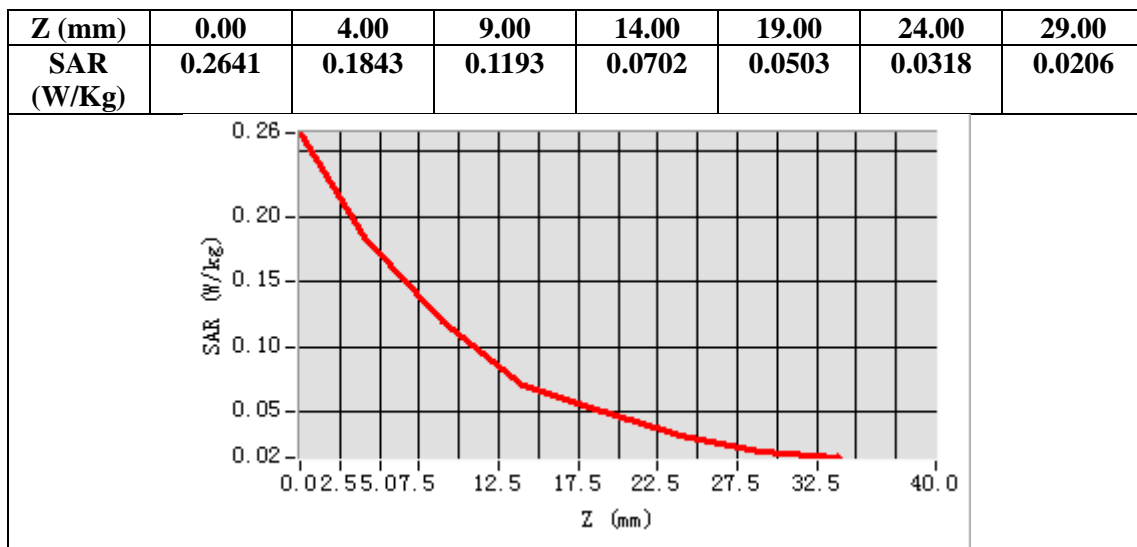
Configuration/GSM 850 Mid-Body- Front /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 Mid-Body- Front Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, 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=-2.00, Y=-46.00
SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.105341
SAR 1g (W/Kg)	0.177181



Test Laboratory: AGC Lab
GPRS 850 Mid- Body- Front (2up)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 10,2018

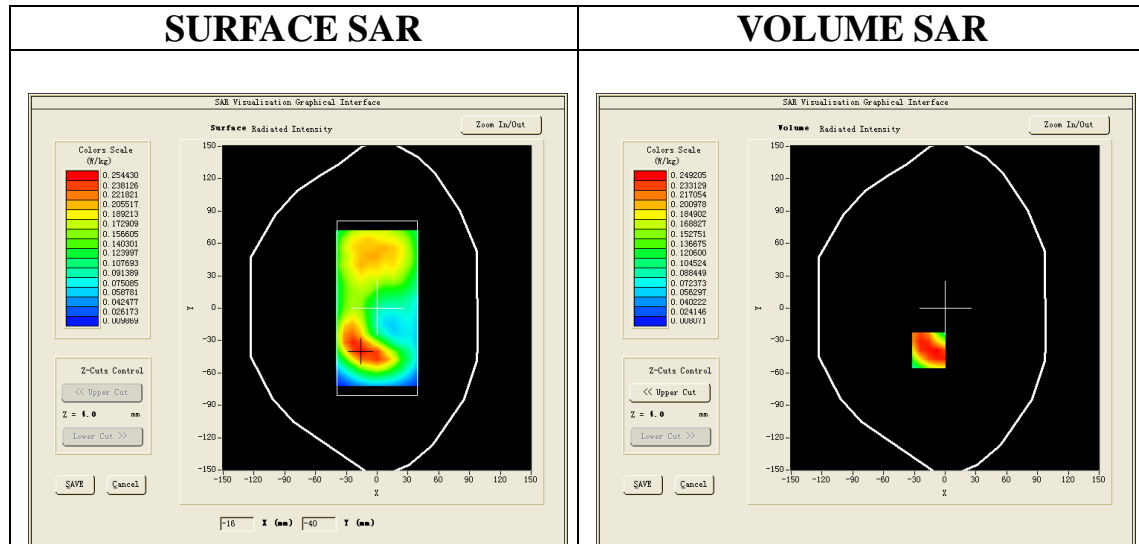
Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=5.49;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.16$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.3, Liquid temperature (°C): 21.9

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

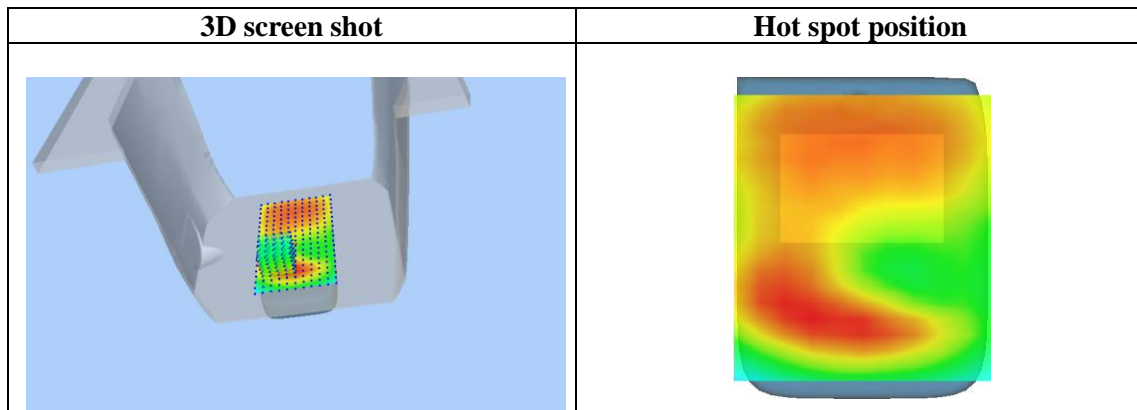
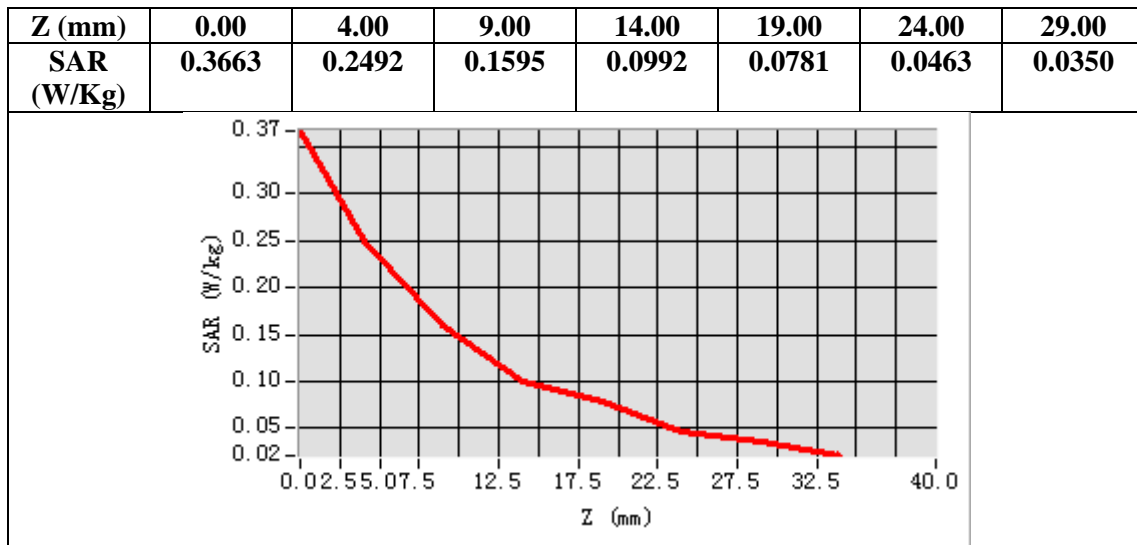
Configuration/GPRS 850 Mid-Body-Front/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS 850 Mid-Body-Front/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, 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=-16.00, Y=-39.00
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.152287
SAR 1g (W/Kg)	0.241937



Test Laboratory: AGC Lab
PCS 1900 Mid-Touch-Right <SIM 1>
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 08,2018

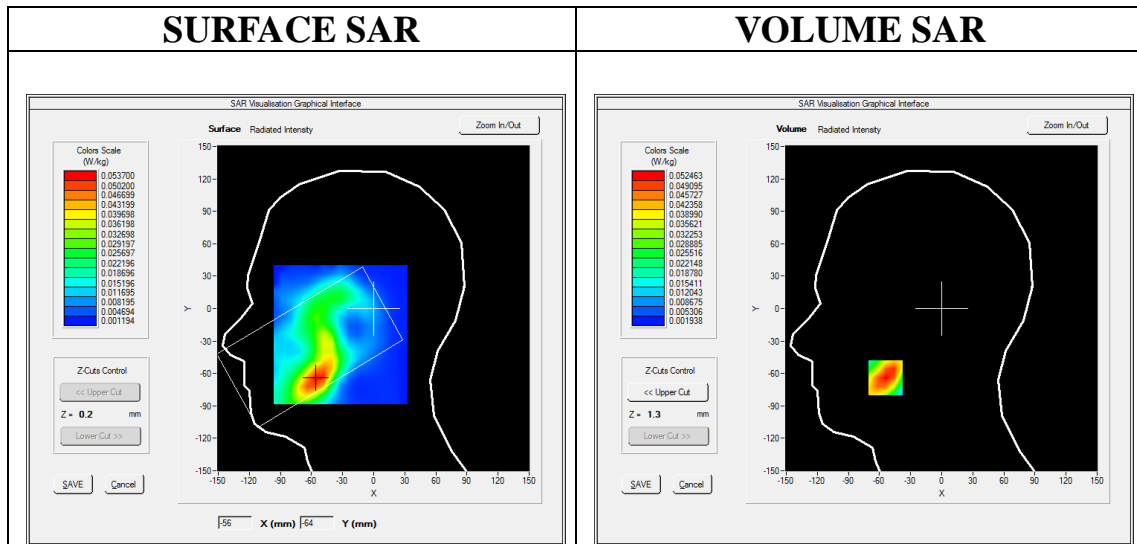
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.24;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.89$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.1

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

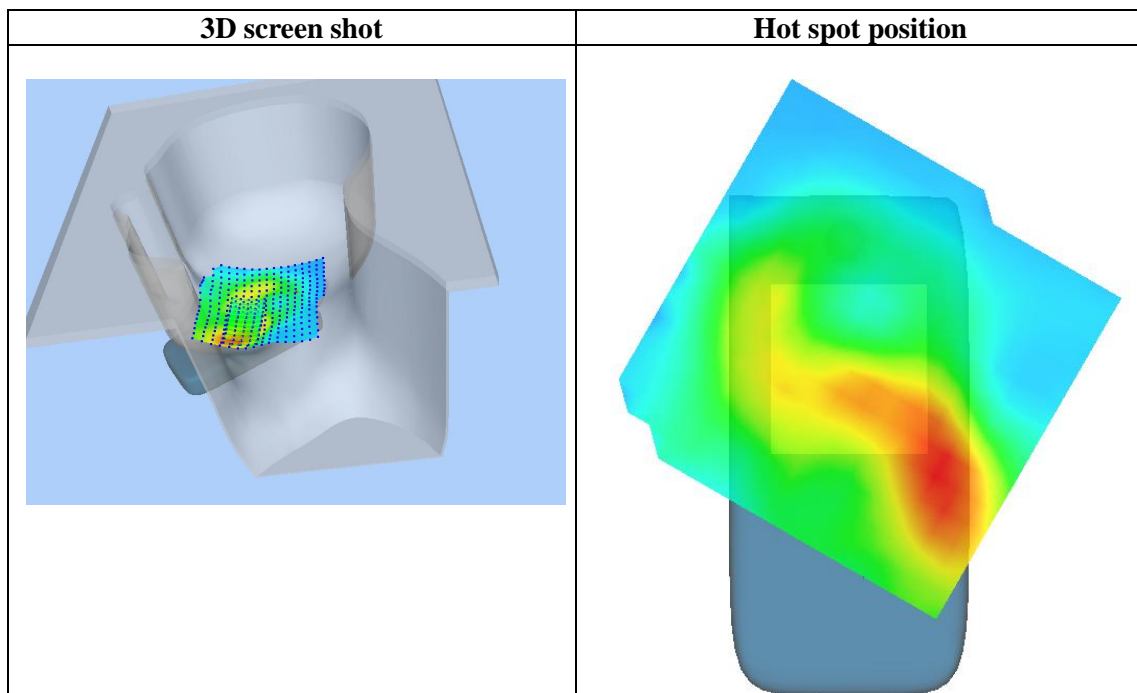
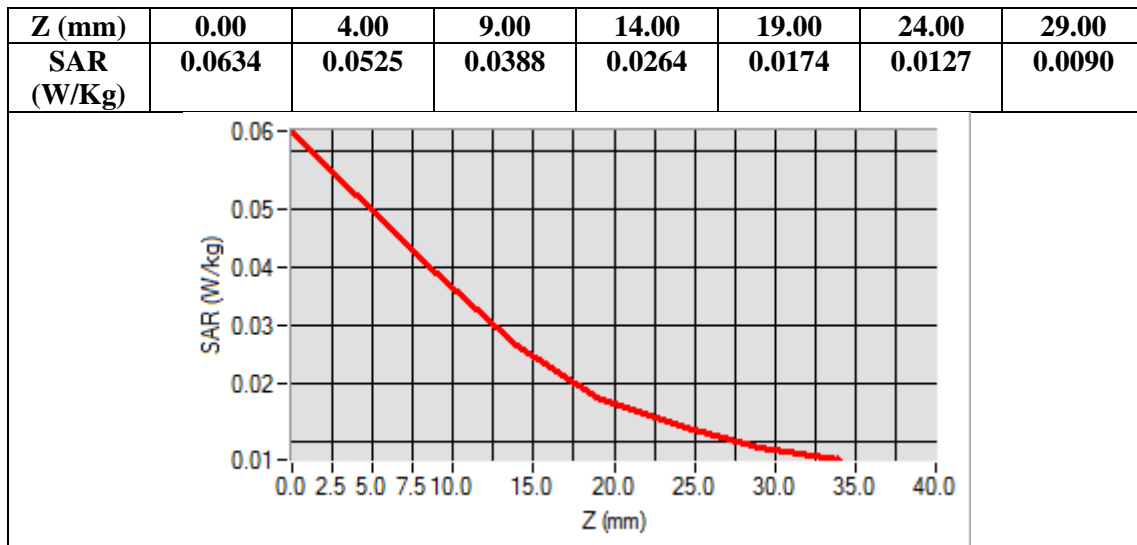
Configuration/PCS1900 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-54.00, Y=-64.00
SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.031452
SAR 1g (W/Kg)	0.050485



Test Laboratory: AGC Lab
PCS 1900 Mid-Body -Front (MS) <SIM 1>
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 08,2018

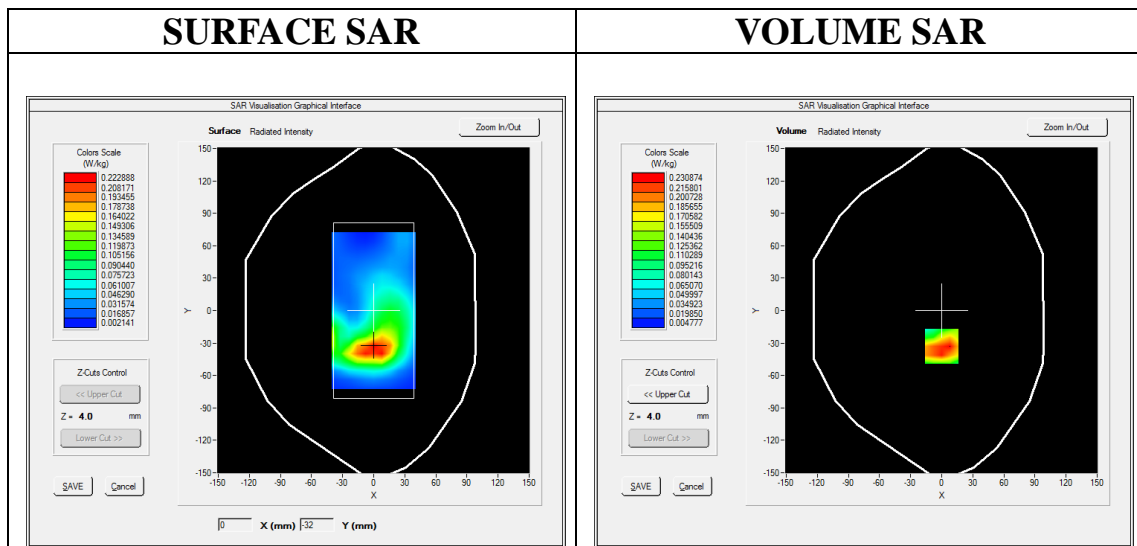
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.39;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 52.96$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.3

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

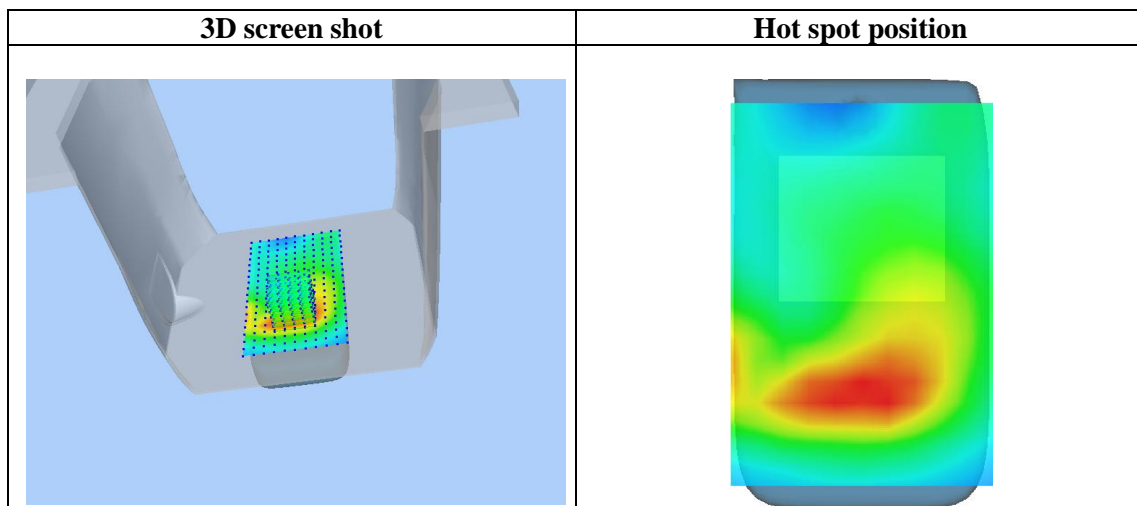
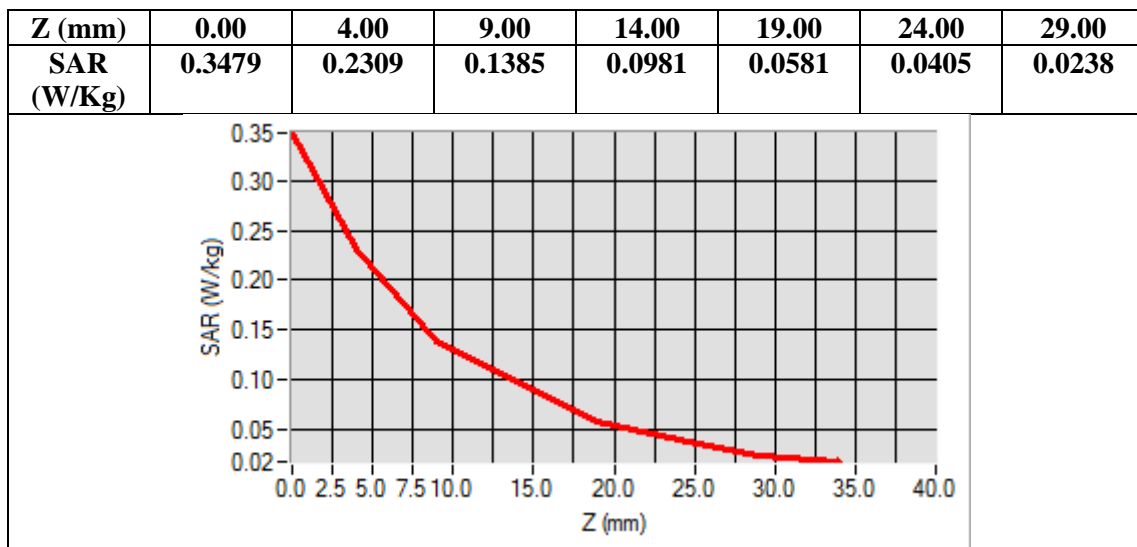
Configuration/PCS1900 Mid-Body- Front /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Body- Front /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Front
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=0.00, Y=-33.00
SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.128610
SAR 1g (W/Kg)	0.224594



Test Laboratory: AGC Lab
GPRS 1900 Mid-Edge 3(4up)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 08,2018

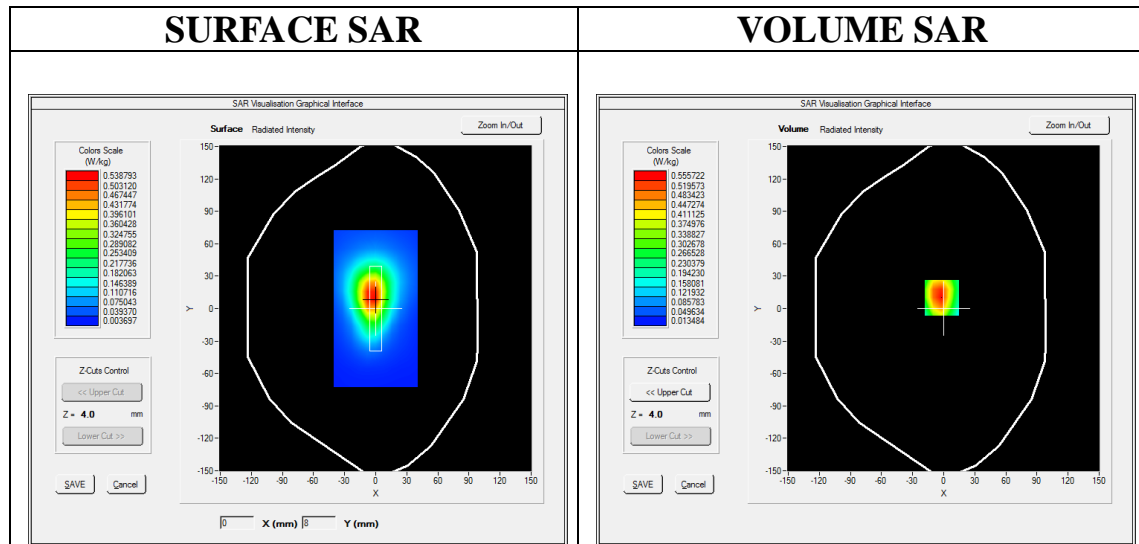
Communication System: GPRS-4Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.1; Conv.F=5.39;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 52.96$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.3

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

Configuration/GPRS1900 Mid-Edge 3/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS1900 Mid-Edge 3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge 3
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 2.0)

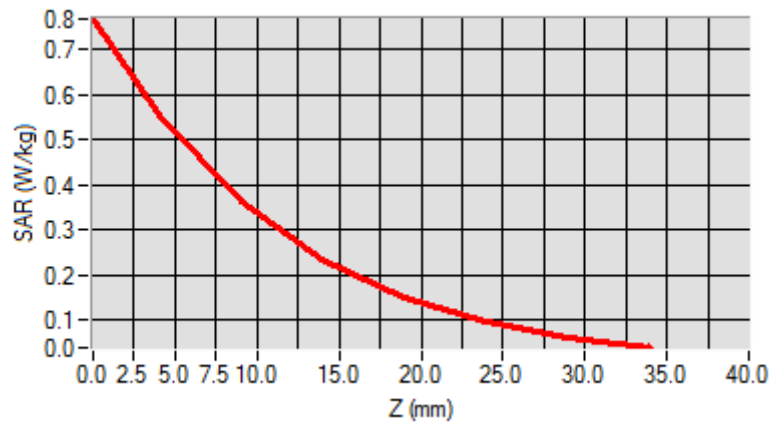


Maximum location: X=-2.00, Y=10.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.309578
SAR 1g (W/Kg)	0.531790

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.7672	0.5557	0.3638	0.2355	0.1493	0.0971	0.0620



3D screen shot	Hot spot position
<p>A 3D perspective view of a grey, L-shaped device. A rectangular area on the horizontal part of the device is overlaid with a color-coded heatmap representing SAR distribution. The colors range from blue (low SAR) to red (high SAR), with the highest intensity concentrated in the center of the device's surface.</p>	<p>A 2D top-down view of the device's surface, showing a color-coded heatmap. The central region is colored red and yellow, indicating the highest SAR values (the hot spot), which transitions through green and cyan to blue at the edges, representing lower SAR values.</p>

Test Laboratory: AGC Lab
WCDMA Band II Mid-Touch-Right (RMC)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 08,2018

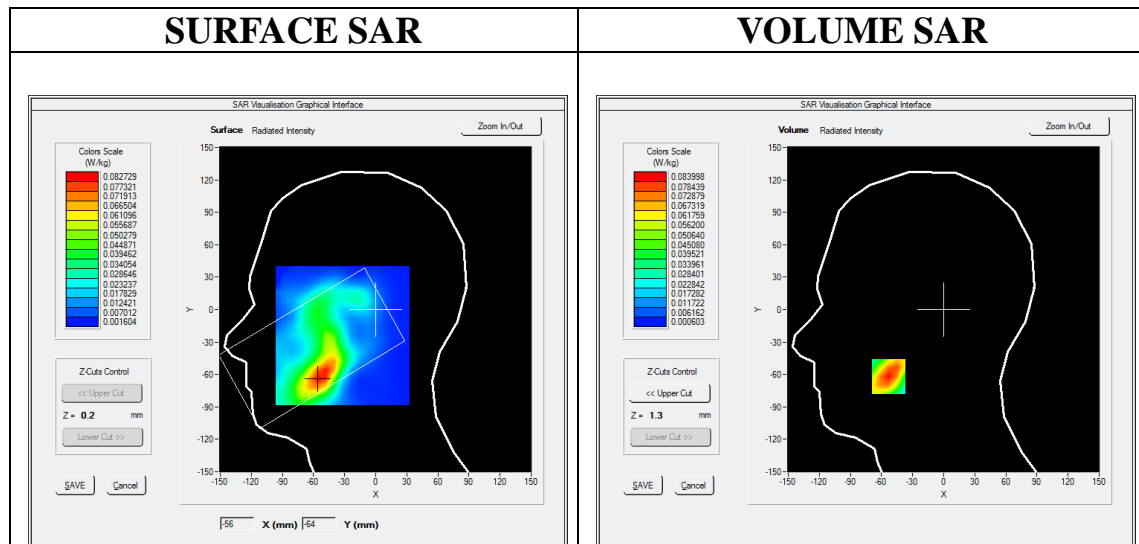
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=5.24;
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.89$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.1

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

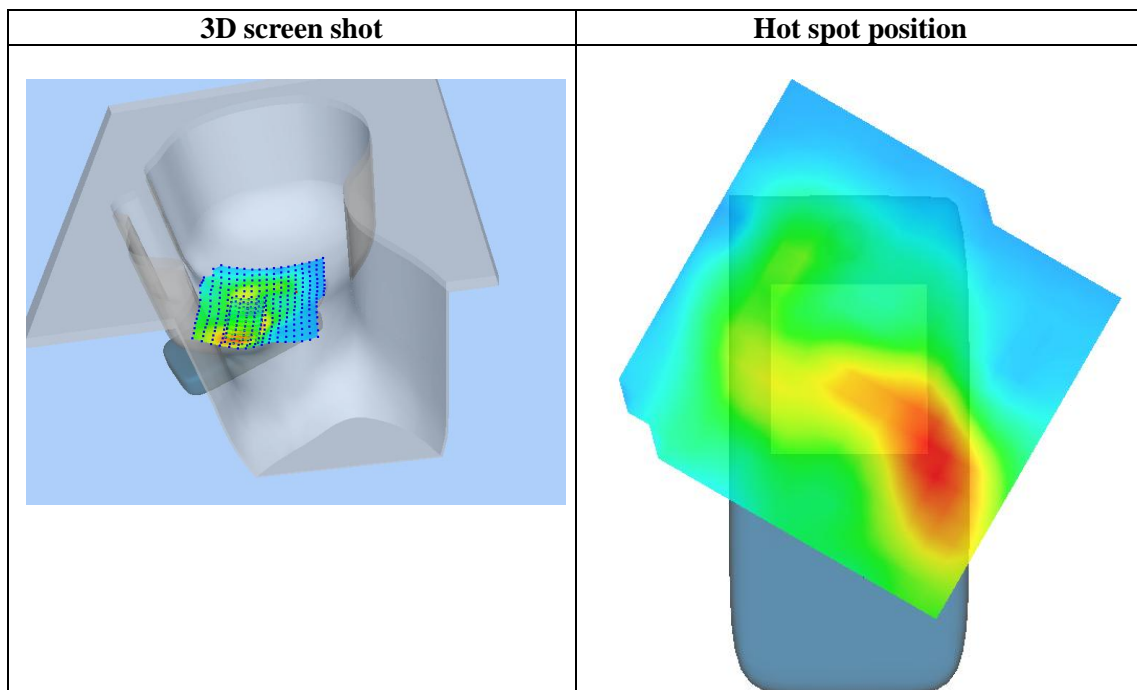
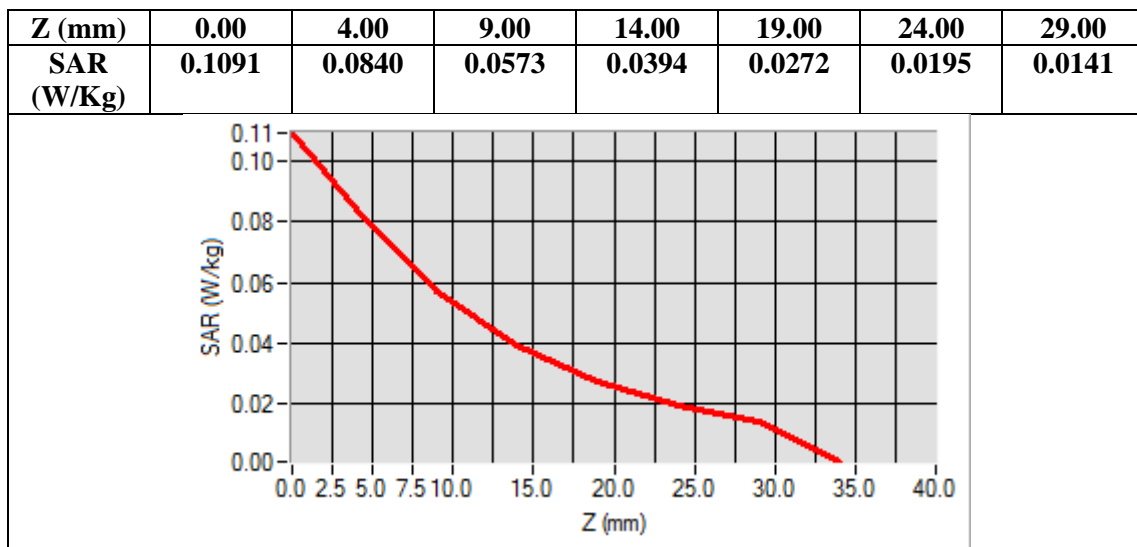
Configuration/WCDMA band II Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/WCDMA band II Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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=-53.00, Y=-62.00
SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.048903
SAR 1g (W/Kg)	0.077501



Test Laboratory: AGC Lab
WCDMA Band II Mid-Edge 3(RMC)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 08,2018

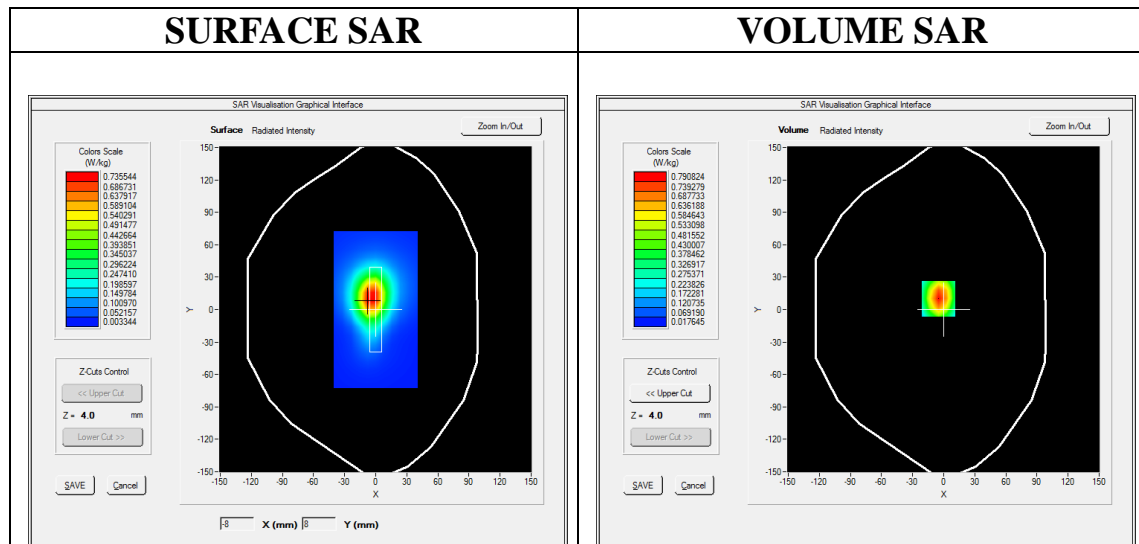
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=5.39
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma=1.50$ mho/m; $\epsilon_r =52.96$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.3

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

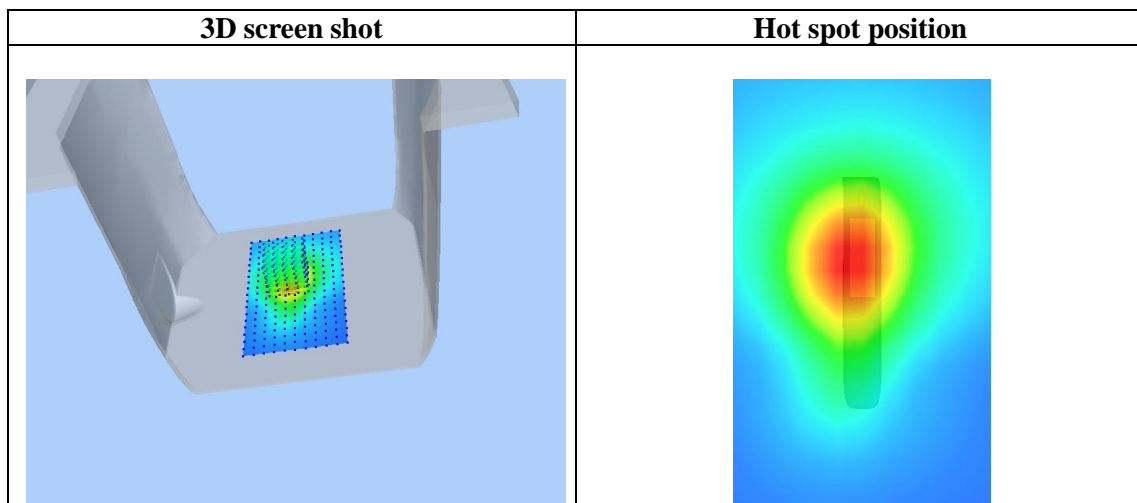
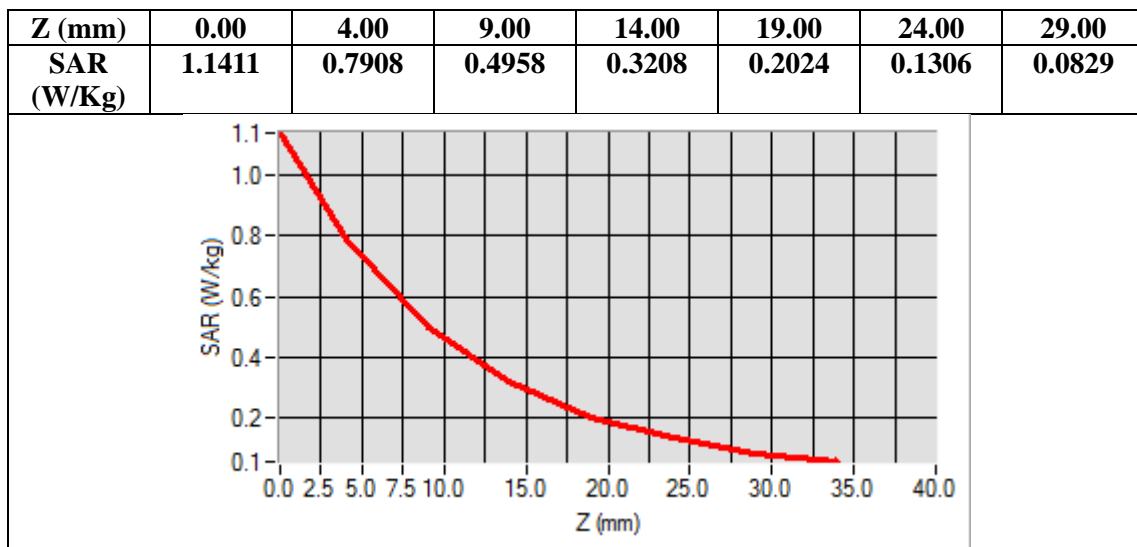
Configuration/ WCDMA band II Mid-Edge 3/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA band II Mid-Edge 3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge 3
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-5.00, Y=10.00
SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.420491
SAR 1g (W/Kg)	0.743038



Test Laboratory: AGC Lab
WCDMA Band IV Mid-Touch-Right (RMC)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 10,2018

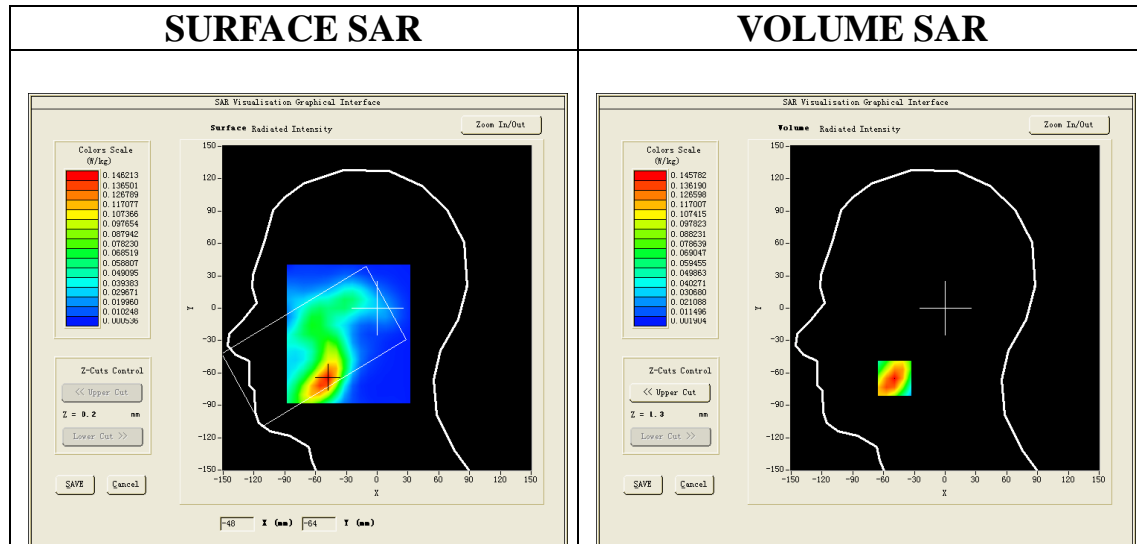
Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=4.71;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.73$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.3, Liquid temperature (°C): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

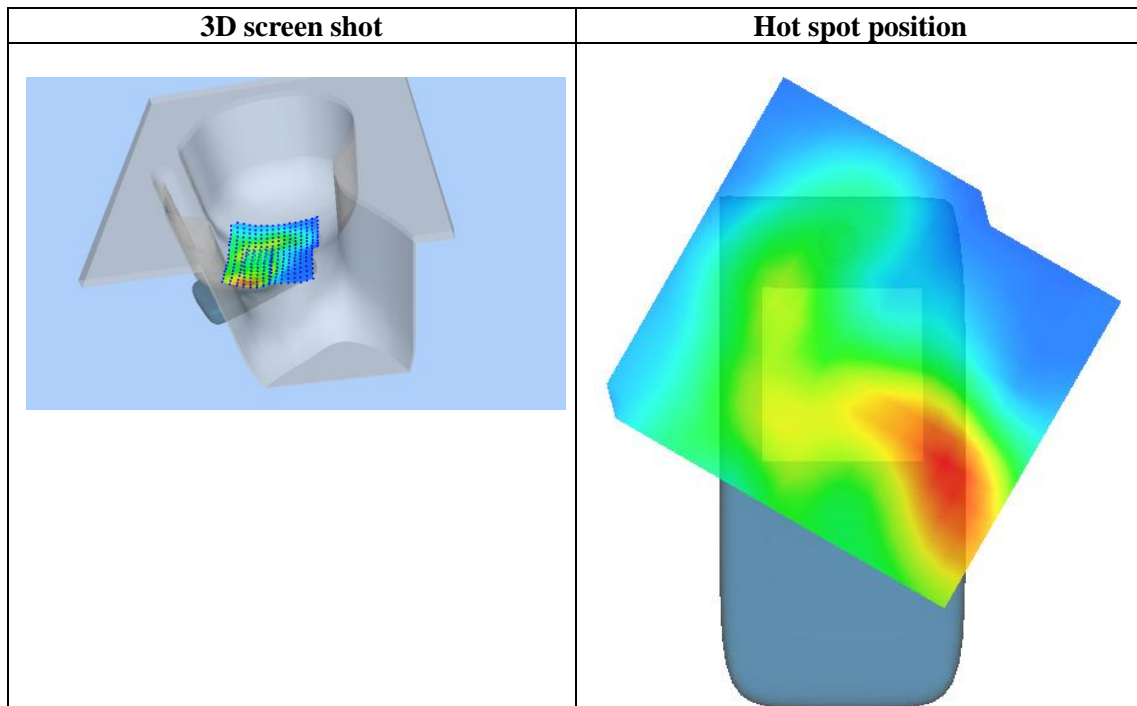
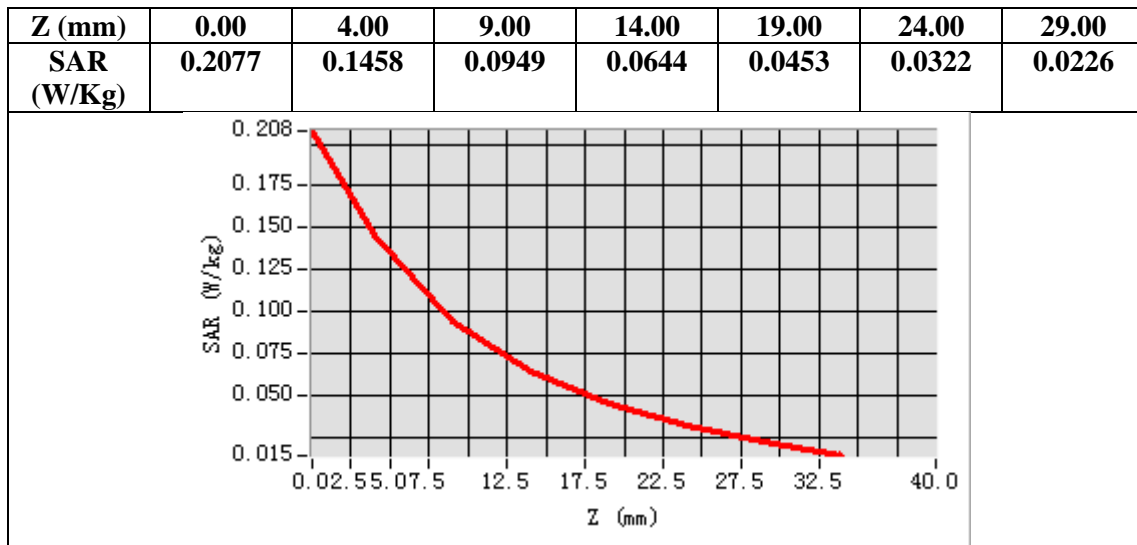
Configuration/ WCDMA Band IV Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band IV Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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=-49.00, Y=-65.00
SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.083419
SAR 1g (W/Kg)	0.138367



Test Laboratory: AGC Lab
WCDMA Band IV High-Edge3 (RMC)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 10,2018

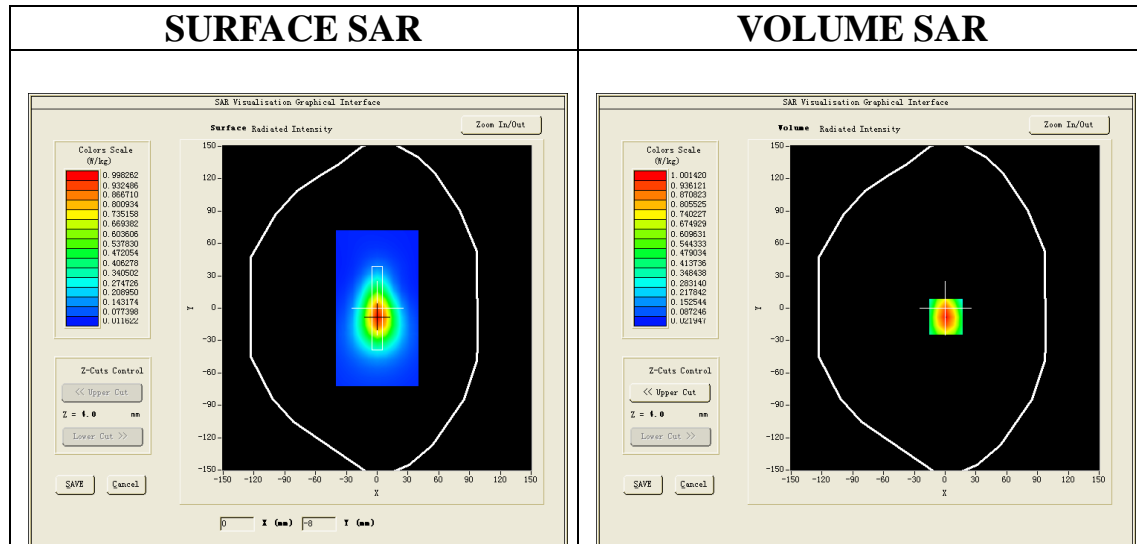
Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=4.81;
Frequency:1752.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.95$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 22.3, Liquid temperature (°C): 21.9

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

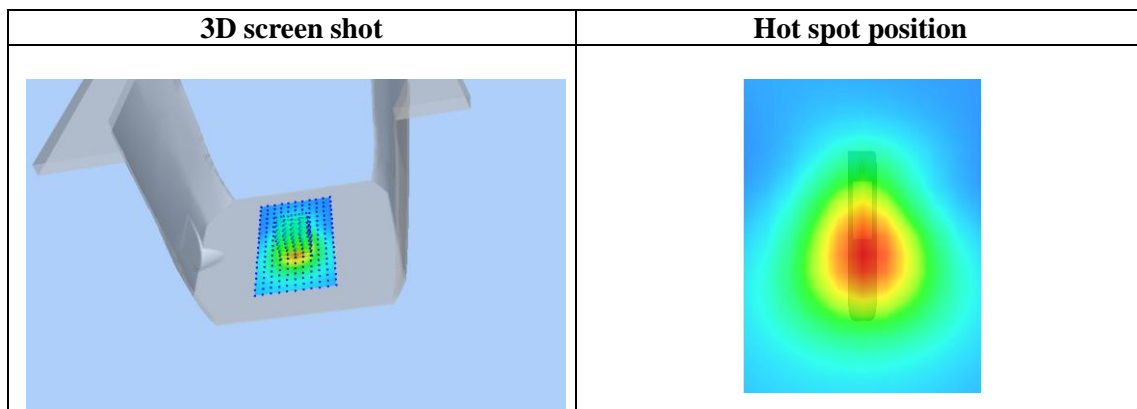
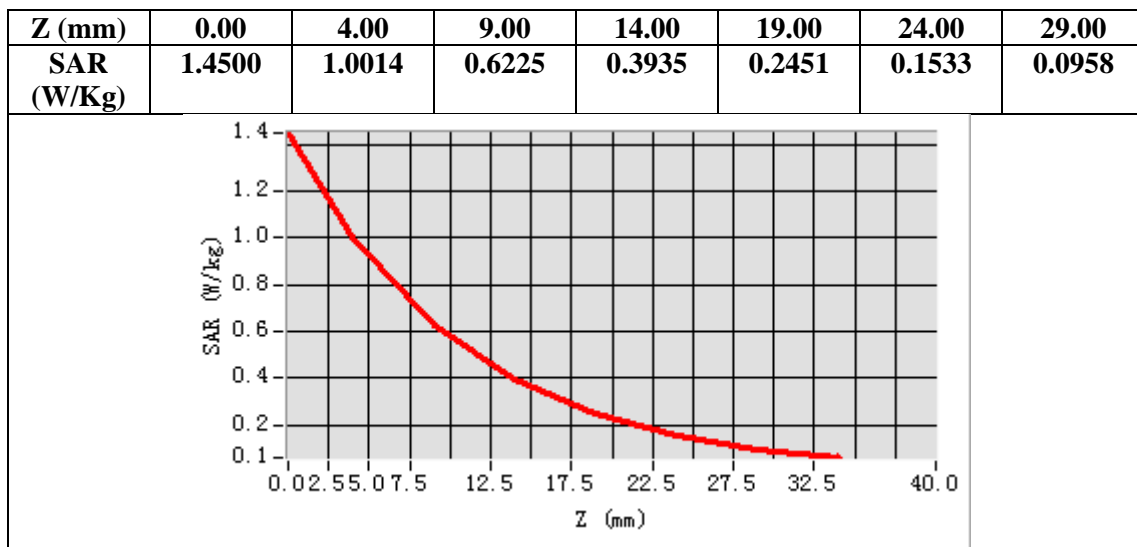
Configuration/ WCDMA Band IV High- Edge3/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band IV High- Edge3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge3
Band	WCDMA Band IV
Channels	High
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=1.00, Y=-8.00
SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.539427
SAR 1g (W/Kg)	0.943362



Test Laboratory: AGC Lab

Date: Sep. 10,2018

WCDMA Band V Mid-Touch-Right (RMC)

DUT: Smart Phone; Type: KINGKONG 3

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD ; Duty Cycle:1: 1; Conv.F=5.29;
Frequency: 836.6 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 40.88$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Right Section
Ambient temperature ($^{\circ}\text{C}$): 22.3, Liquid temperature ($^{\circ}\text{C}$): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

Sensor-Surface: 4mm (Mechanical Surface Detection)

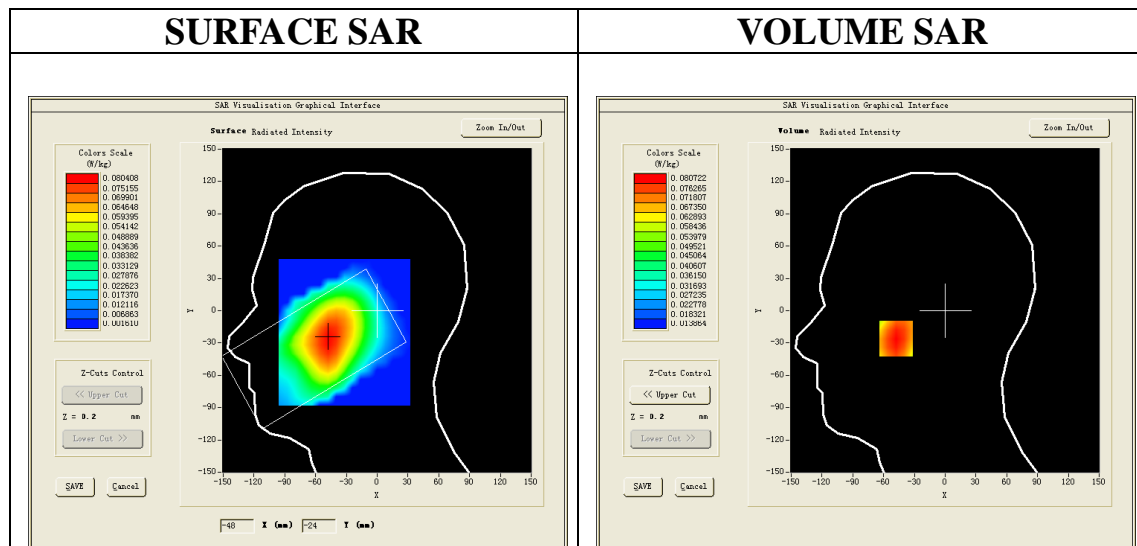
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

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

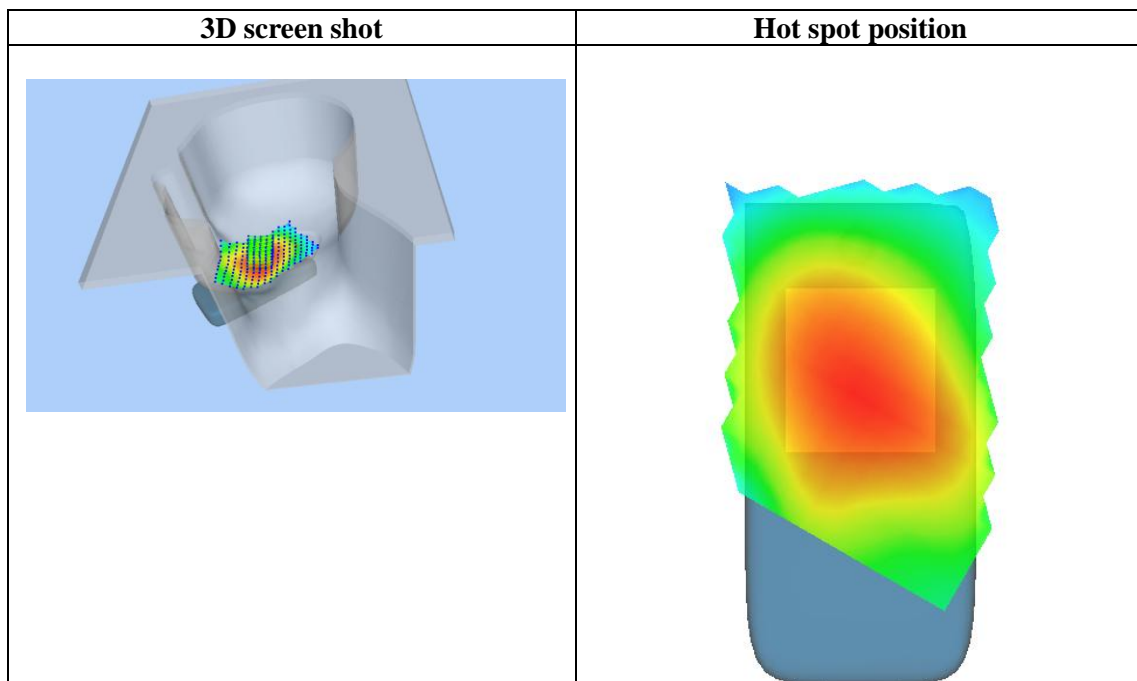
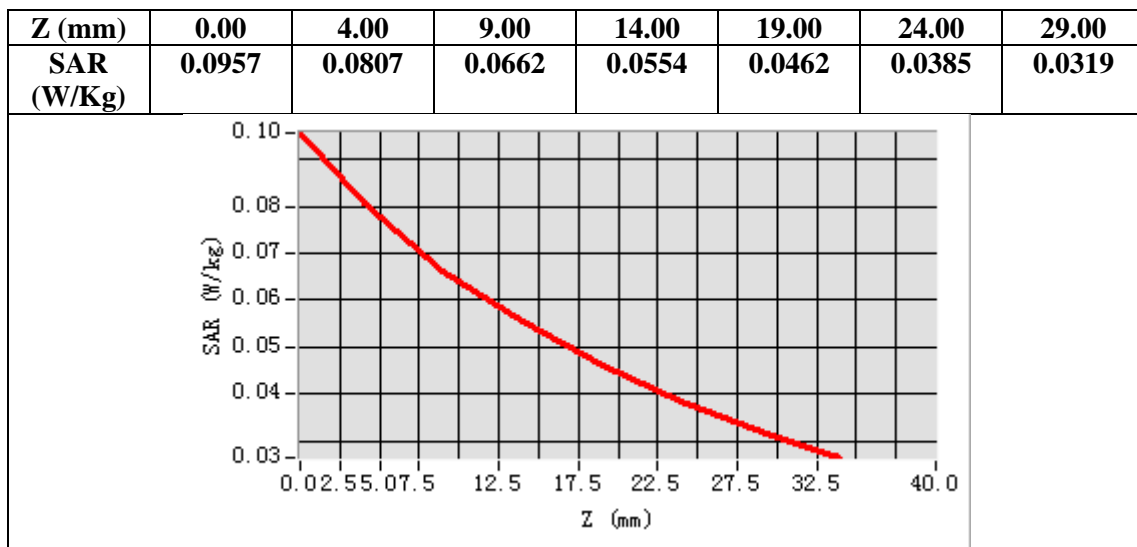
Area Scan	$dx=8\text{mm}$ $dy=8\text{mm}$, $h= 5.00 \text{ mm}$
ZoomScan	$5 \times 5 \times 7, dx=8\text{mm}$ $dy=8\text{mm}$ $dz=5\text{mm}$, Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: $X=-48.00$, $Y=-26.00$

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.061863
SAR 1g (W/Kg)	0.078614



Test Laboratory: AGC Lab

Date: Sep. 10,2018

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

DUT: Smart Phone; Type: KINGKONG 3

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=5.49;
Frequency: 836.6 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 55.16$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 22.3, Liquid temperature ($^{\circ}\text{C}$): 21.9

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

Sensor-Surface: 4mm (Mechanical Surface Detection)

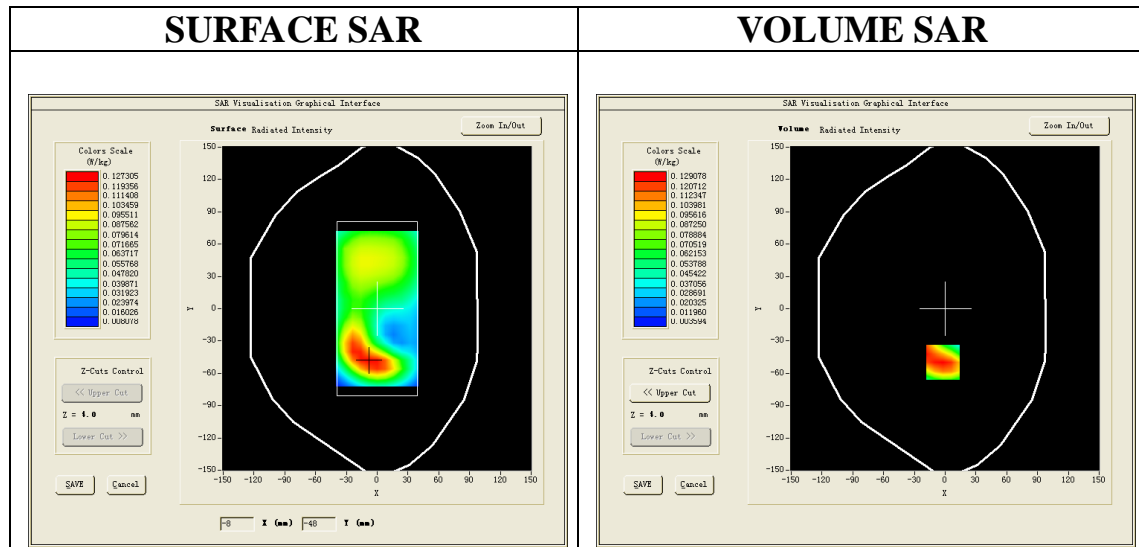
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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;

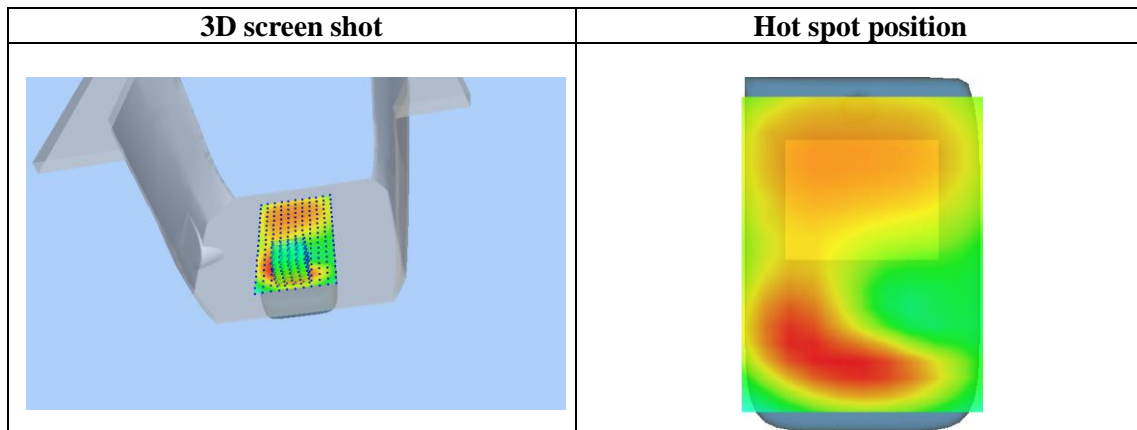
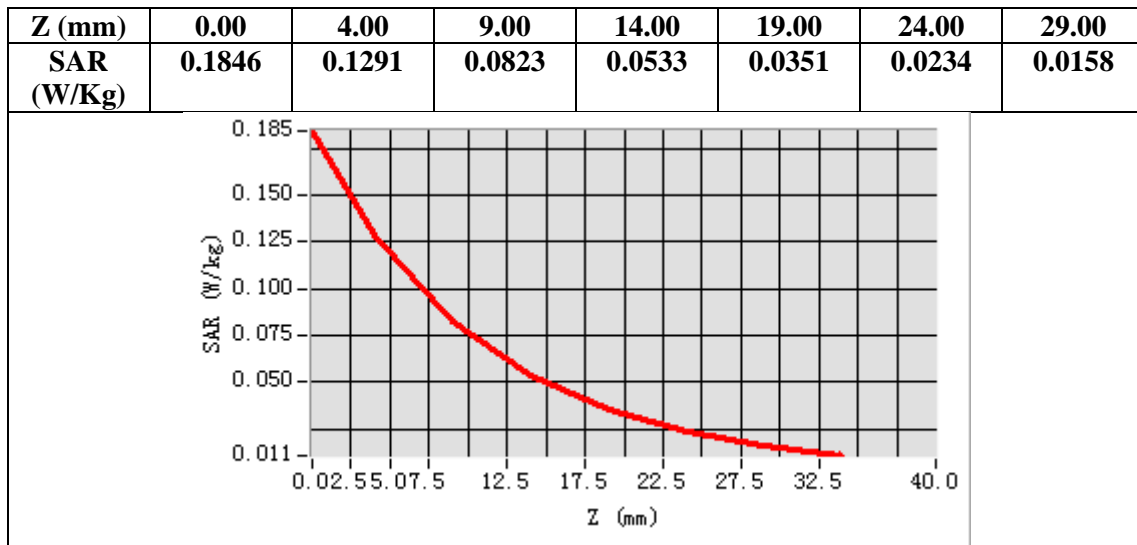
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Front
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-2.00, Y=-50.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.075790
SAR 1g (W/Kg)	0.123396



Test Laboratory: AGC Lab
LTE Band II Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 11,2018

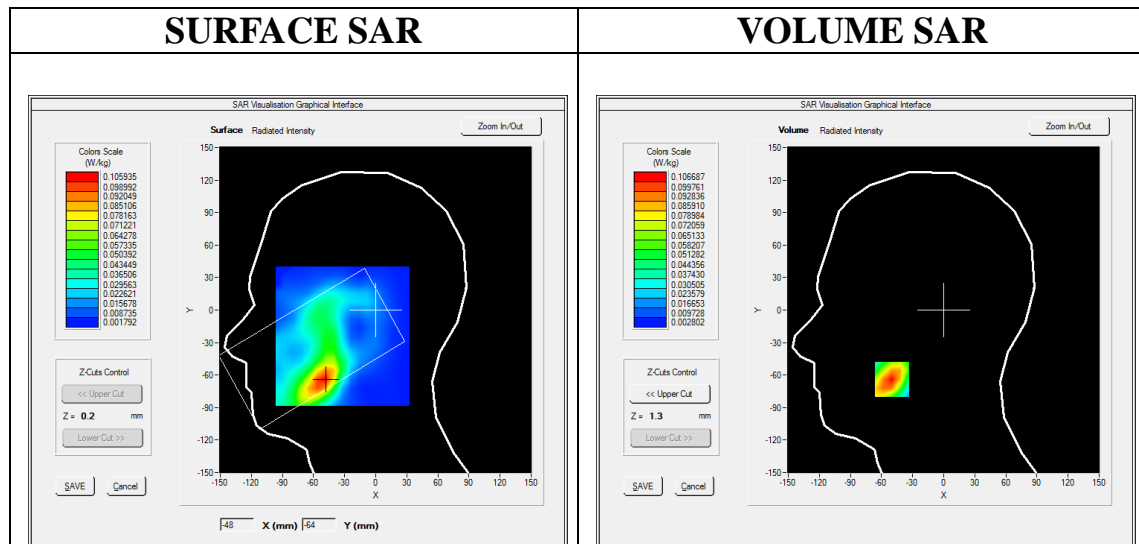
Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.24;
Frequency:1880MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 41.31$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.5

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

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

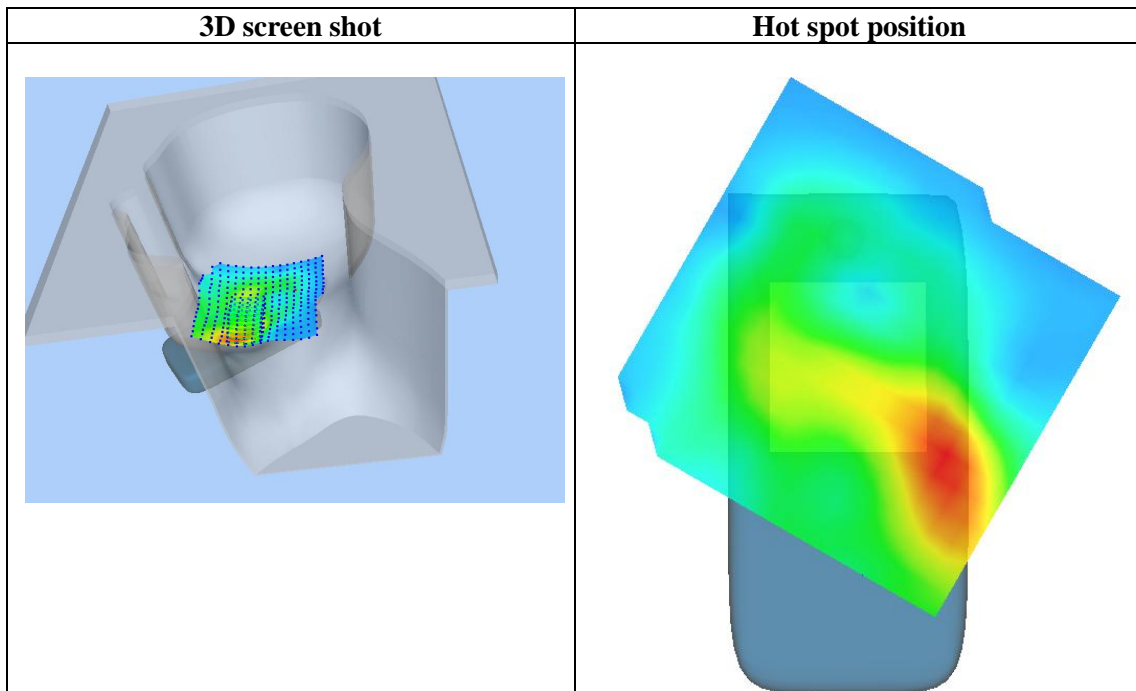
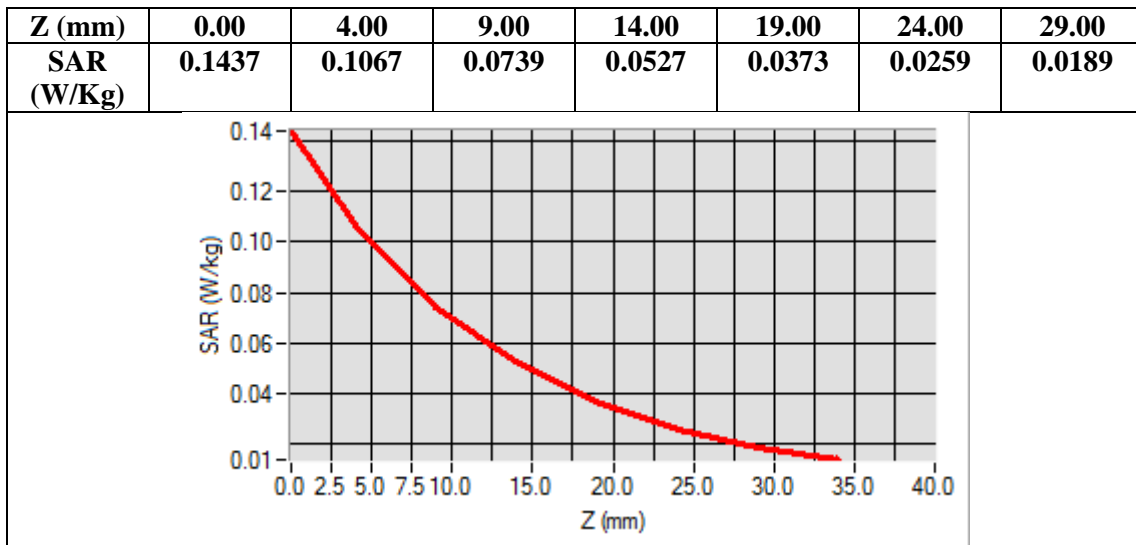
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-50.00, Y=-64.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.062336
SAR 1g (W/Kg)	0.100836



Test Laboratory: AGC Lab
LTE Band II Mid-Edge3(1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 11,2018

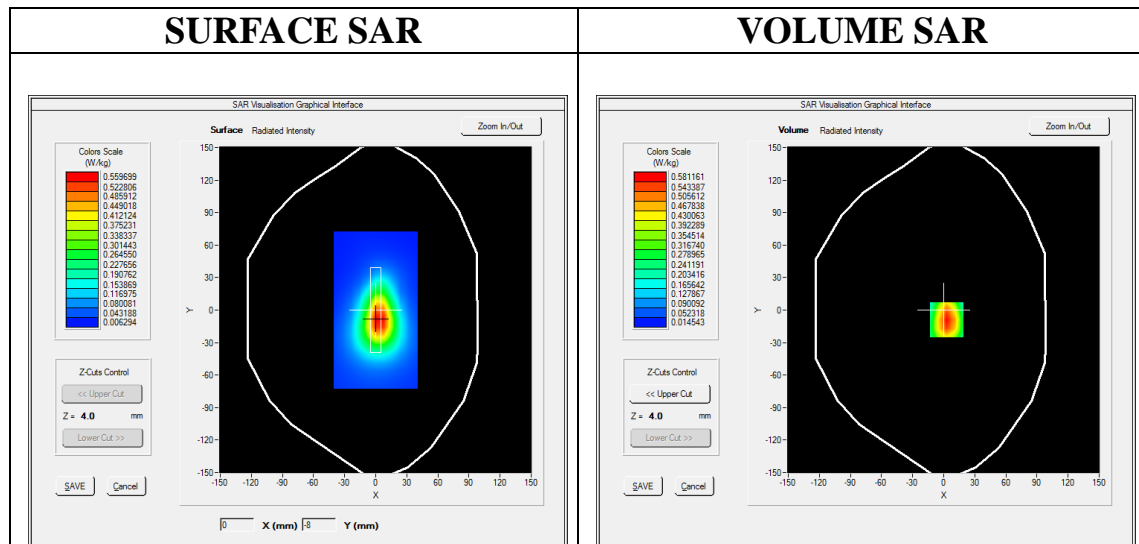
Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.39;
Frequency:1880MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 53.70$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.7

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_35

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

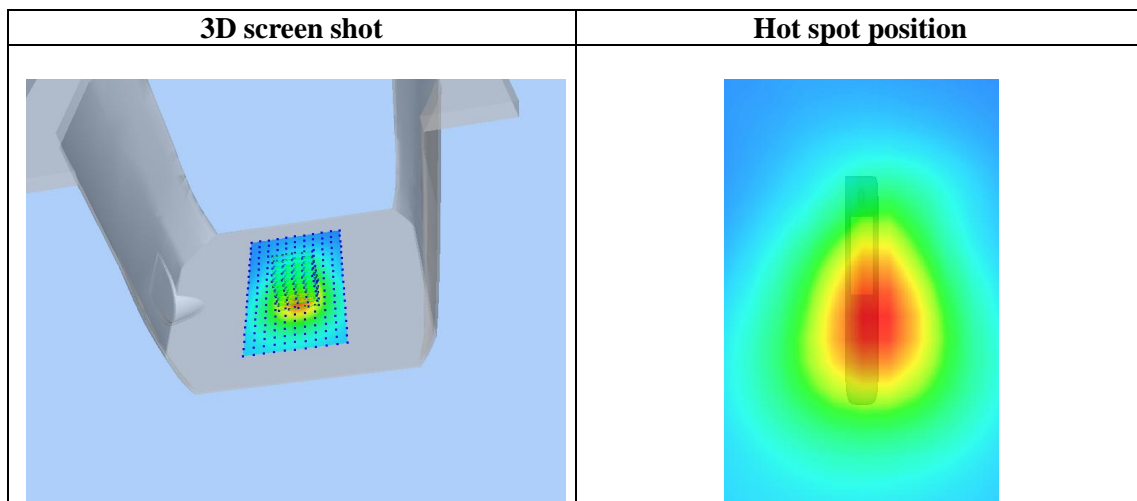
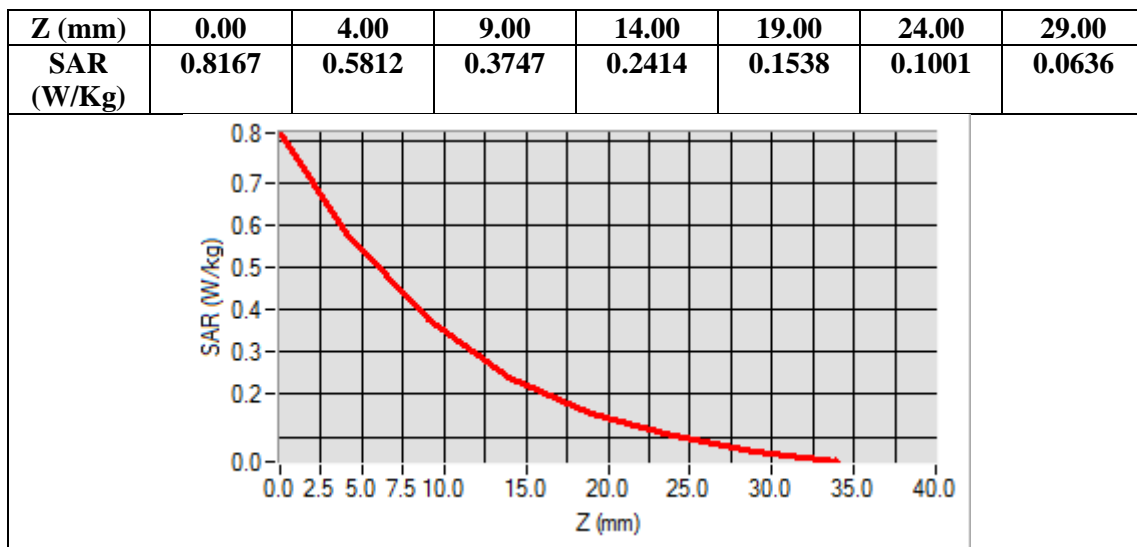
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge3
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=3.00, Y=-9.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.319439
SAR 1g (W/Kg)	0.546653



Test Laboratory: AGC Lab

Date: Sep. 28,2018

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

DUT: Smart Phone; Type: KINGKONG 3

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=4.71;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.73$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

Sensor-Surface: 4mm (Mechanical Surface Detection)

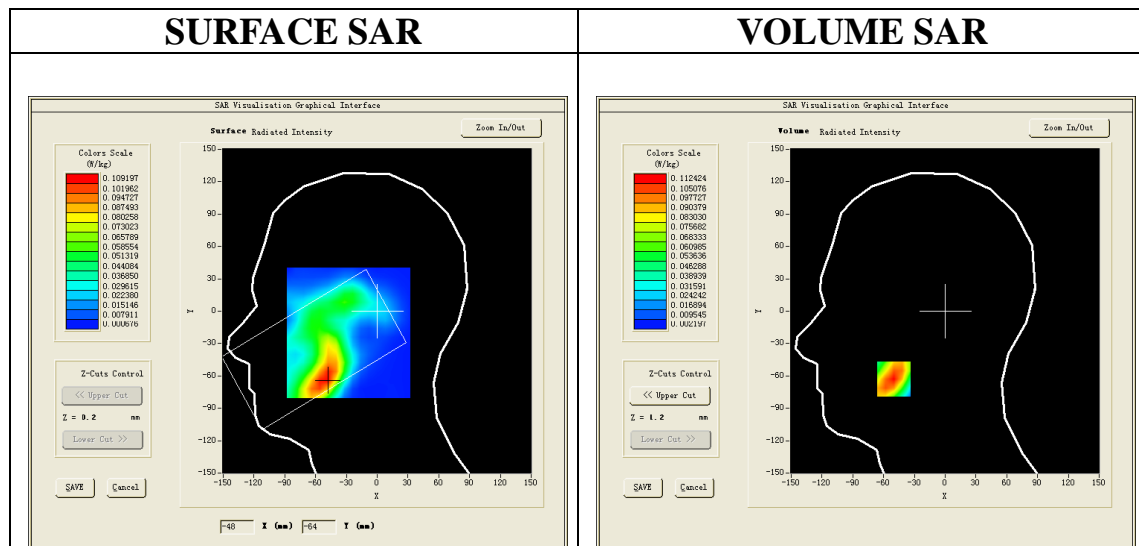
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

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

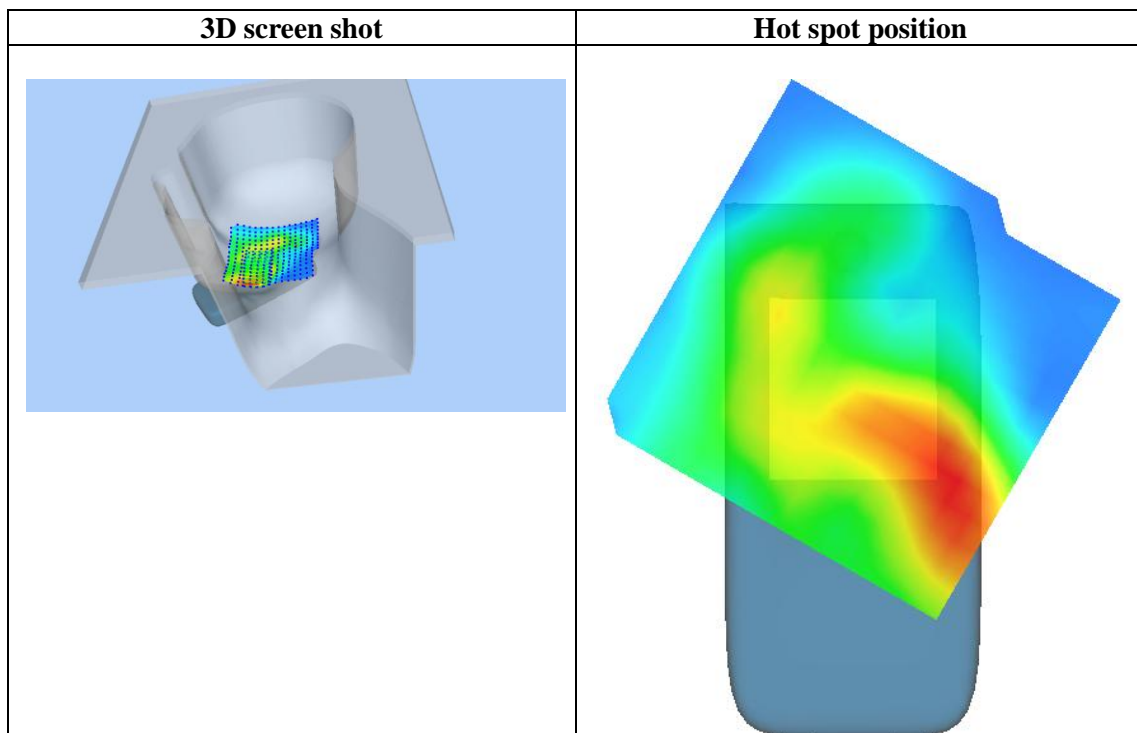
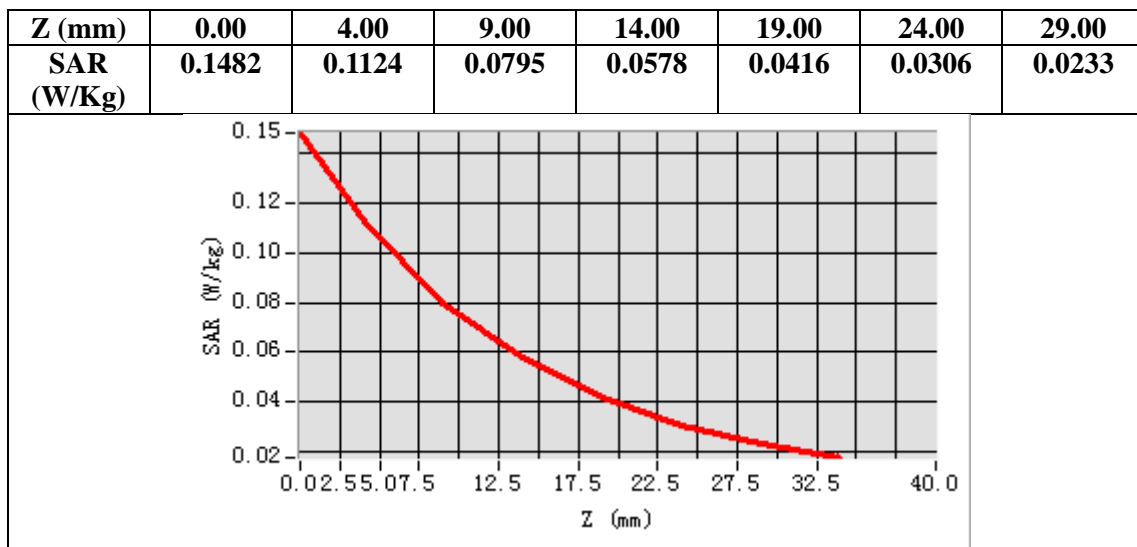
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band IV
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-50.00, Y=-63.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.068394
SAR 1g (W/Kg)	0.105979



Test Laboratory: AGC Lab
LTE Band IV Low- Edge3 (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 28,2018

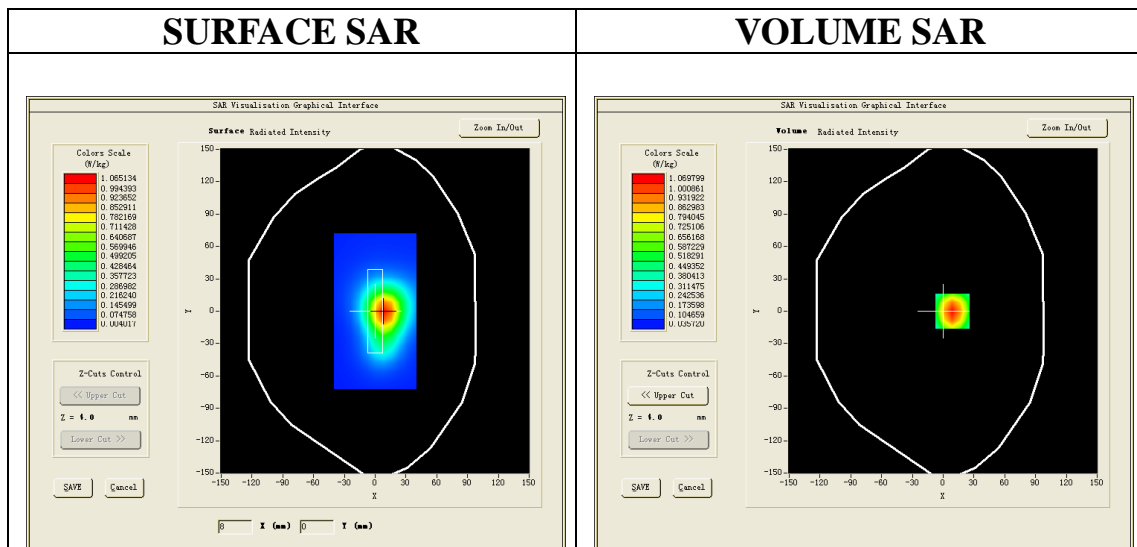
Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=4.81;
Frequency:1720 MHz; Medium parameters used: f = 1750 MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 54.76$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.8

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

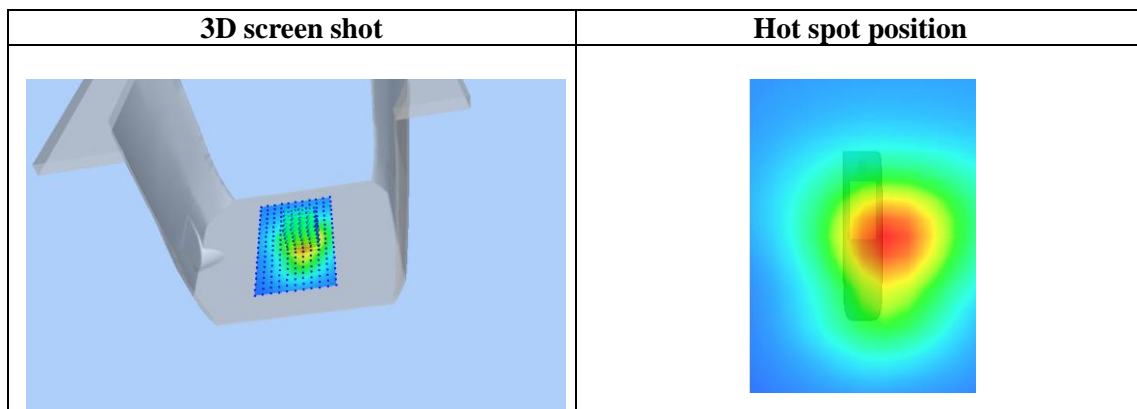
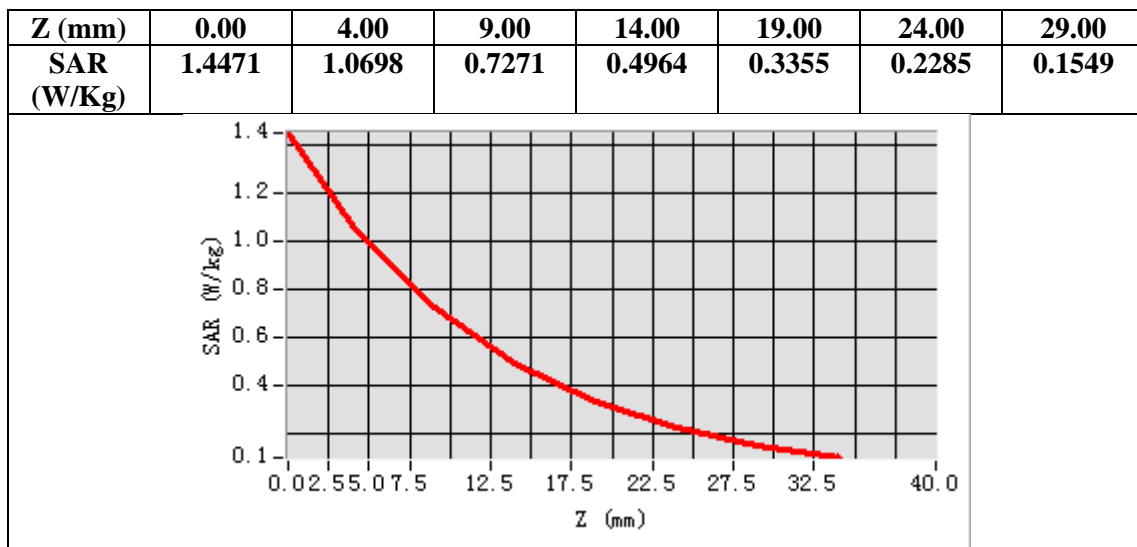
Configuration/ LTE Band IV Low- Edge3/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band IV Low- Edge3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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



Maximum location: X=9.00, Y=0.00
SAR Peak: 1.45 W/kg

SAR 10g (W/Kg)	0.614723
SAR 1g (W/Kg)	1.008187



Test Laboratory: AGC Lab
LTE Band V Mid-Touch-Right (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 05,2018

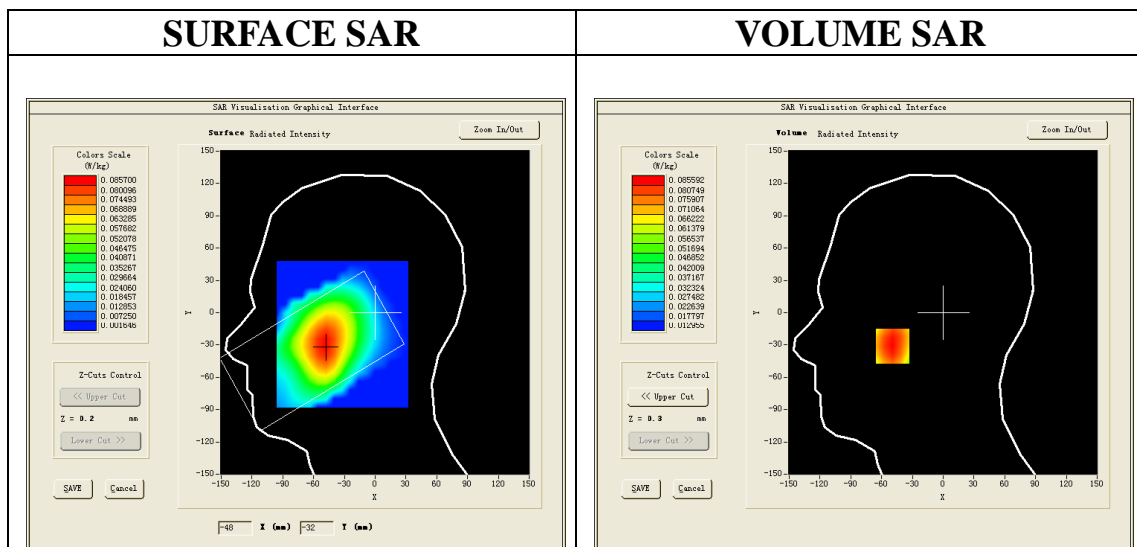
Communication System: LTE; Communication System Band: LTE Band V; Duty Cycle:1:1; Conv.F=5.29
Frequency: 836.5 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 40.73$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.7

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

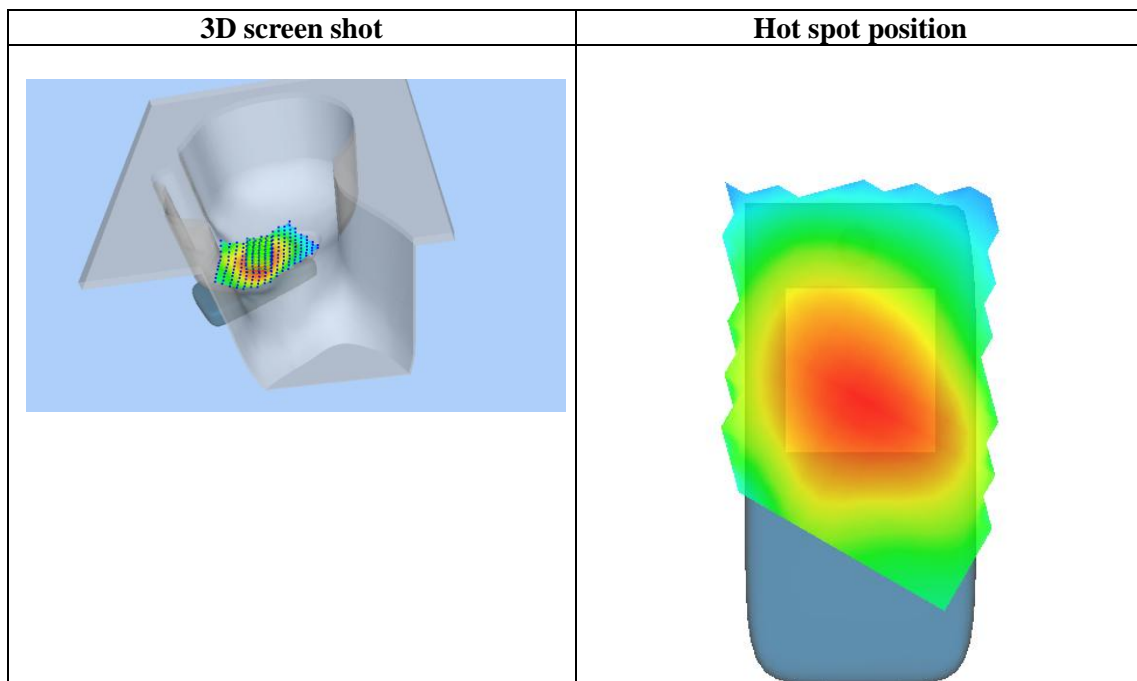
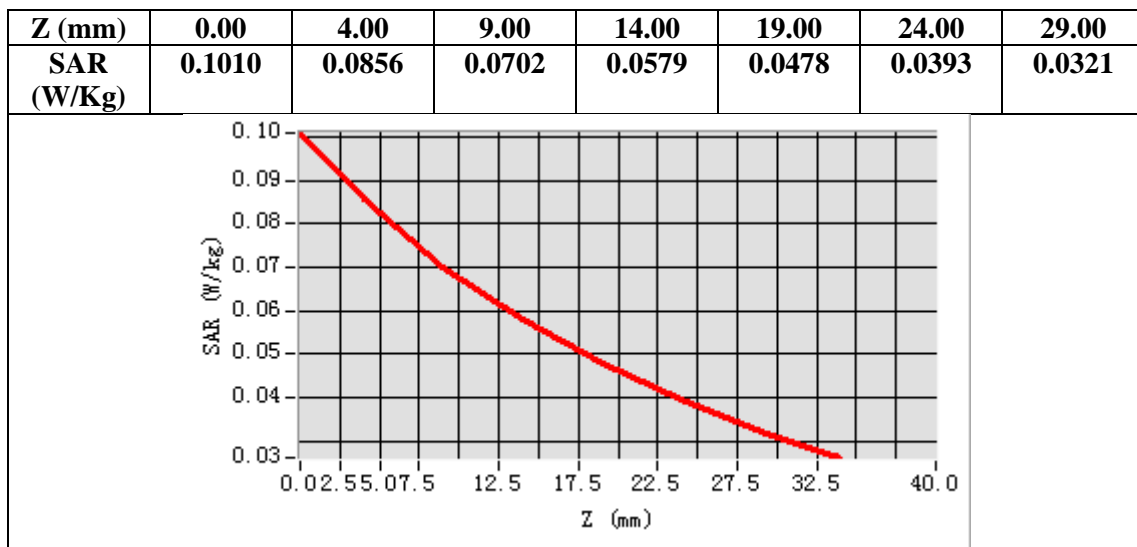
Configuration/ LTE Band V Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band V Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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



Maximum location: X=-49.00, Y=-31.00
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.064746
SAR 1g (W/Kg)	0.083180



Test Laboratory: AGC Lab
LTE Band V Mid-Edge3 (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 05,2018

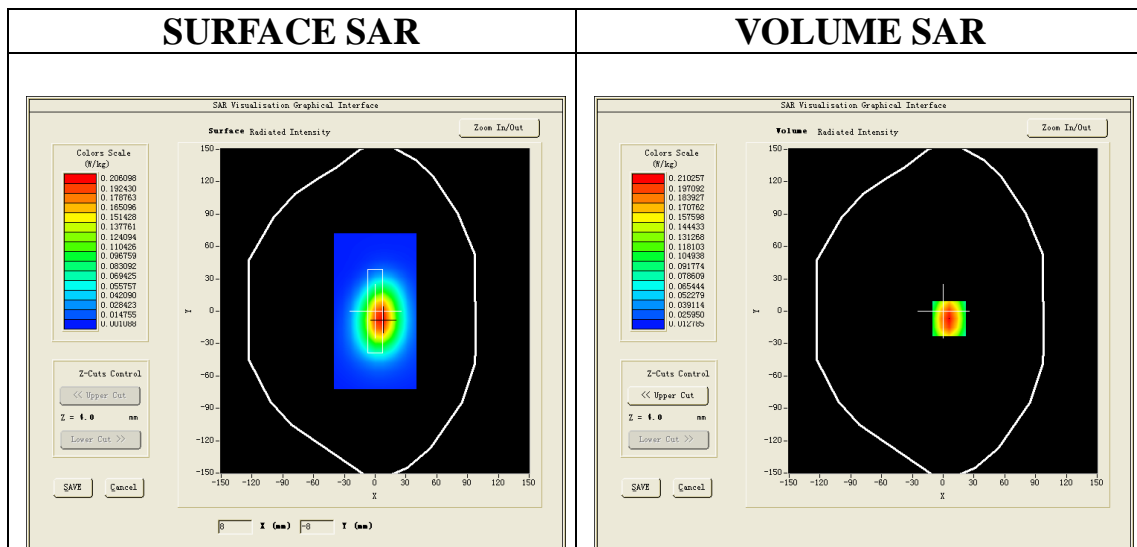
Communication System: LTE; Communication System Band: LTE Band V; Duty Cycle:1:1; Conv.F=5.49
Frequency:836.5 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.28$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.9

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

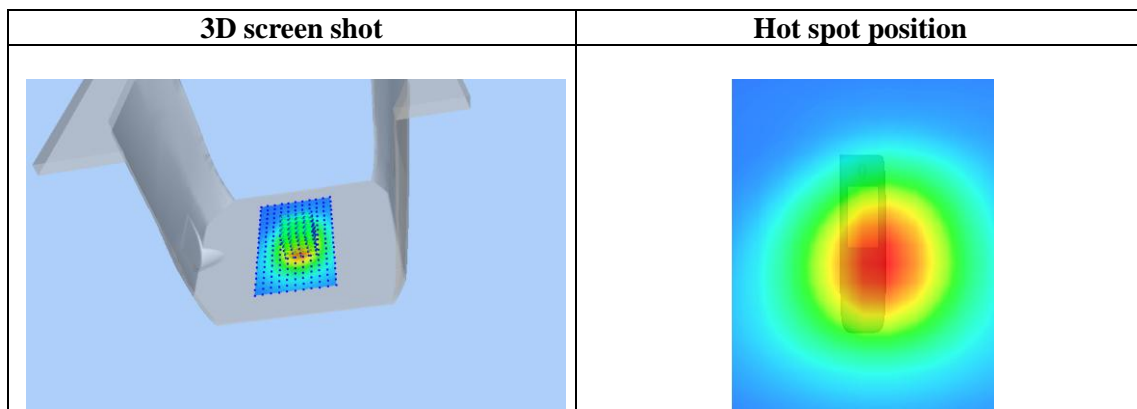
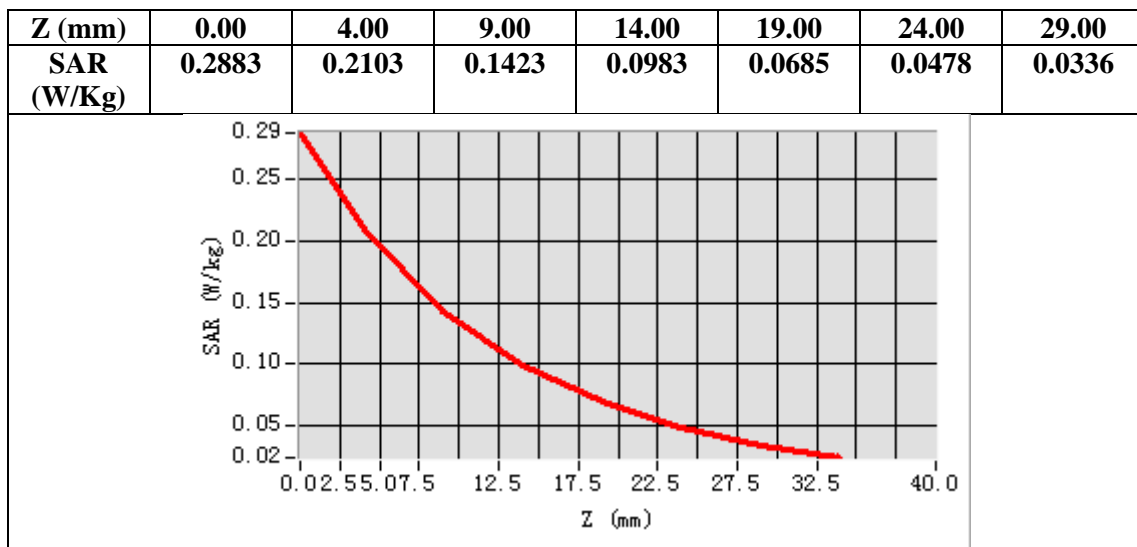
Configuration/ LTE Band V Mid- Edge3 /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band V Mid- Edge3 /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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



Maximum location: X=6.00, Y=-7.00
SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.124927
SAR 1g (W/Kg)	0.200200



Test Laboratory: AGC Lab
LTE Band VII Mid-Touch-Left (1RB#0)
DUT: Mobile Phone ; Type:ETHOS

Date: Sep. 21,2018

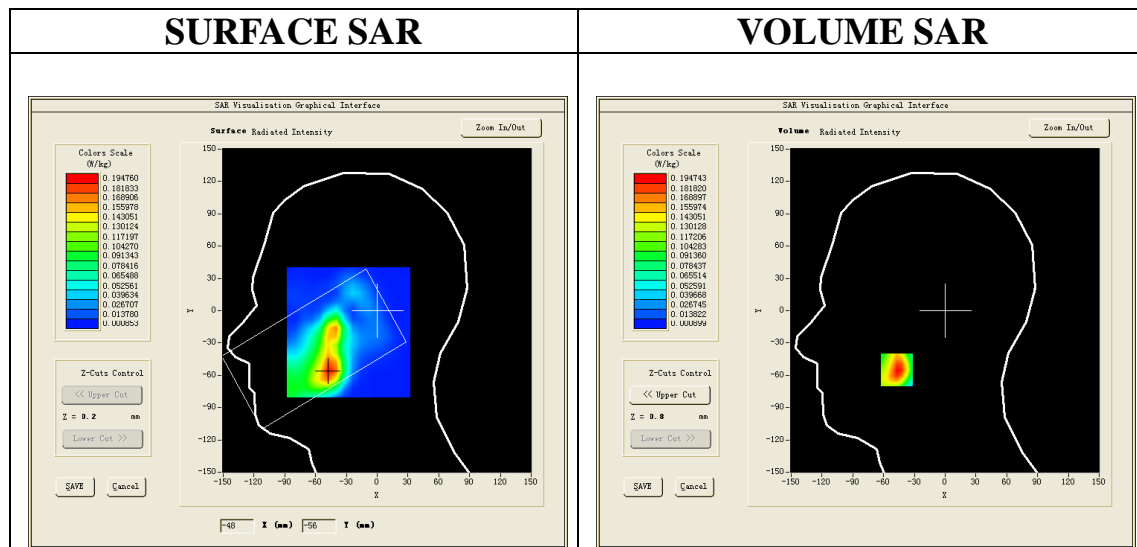
Communication System: LTE; Communication System Band: LTE Band VII; Duty Cycle:1:1; Conv.F=2.4
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.6

SATIMO Configuration:

Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

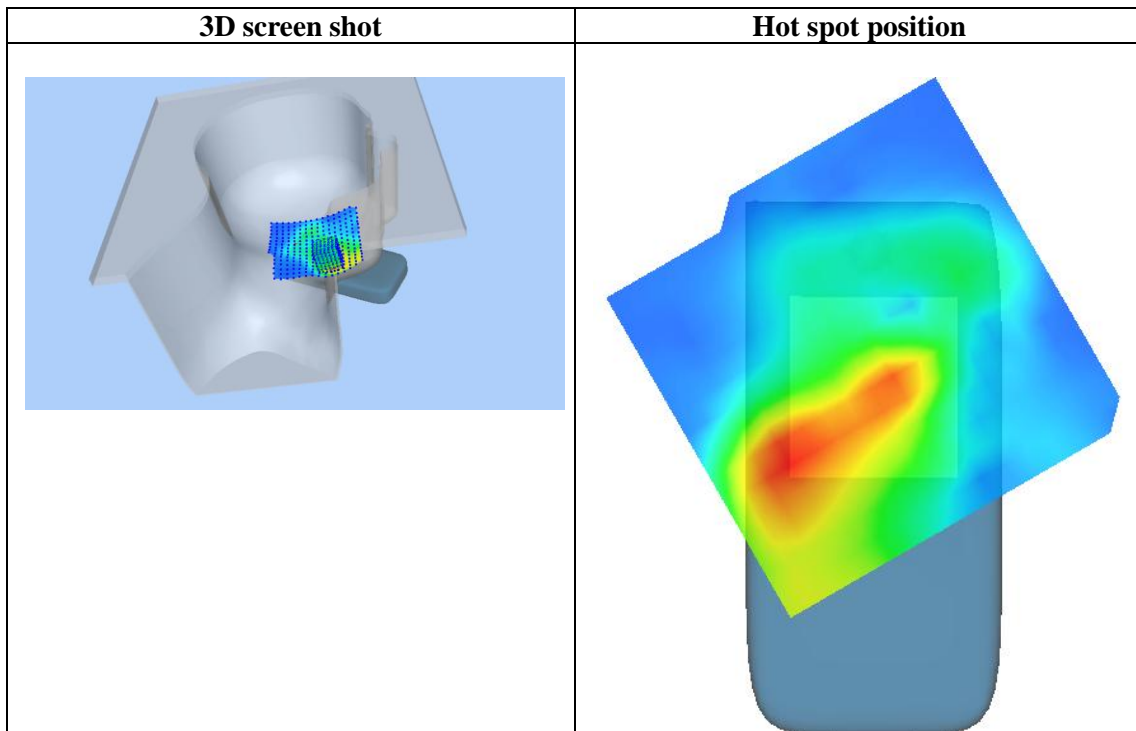
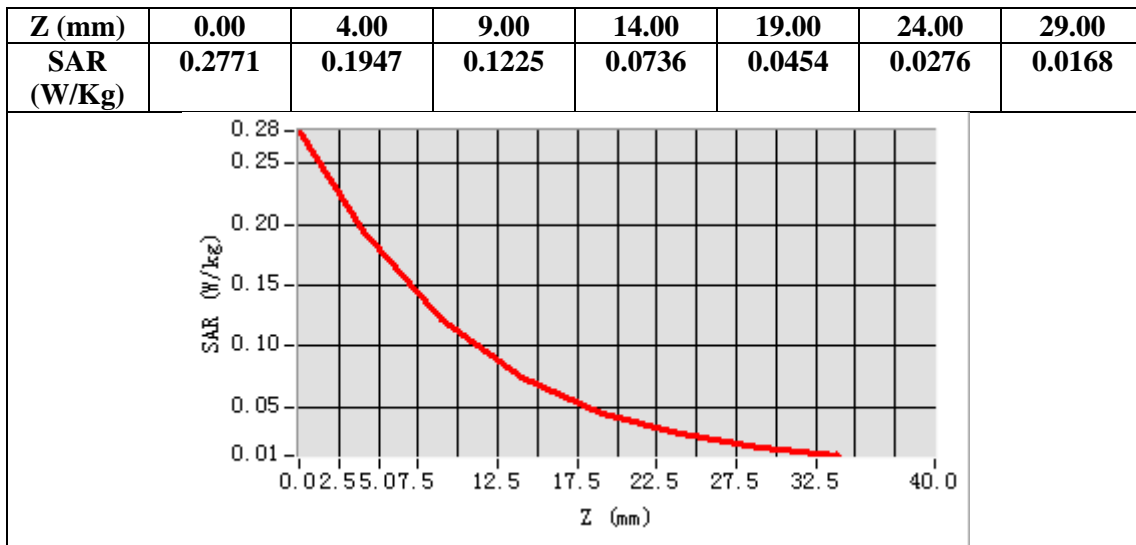
Configuration/ LTE BAND VII Mid-Touch-Left/Area Scan: Measurement grid: dx=8mm, y=8mm
Configuration/ LTE BAND VII Mid-Touch-Left/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 VII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-47.00, Y=-55.00
SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)	0.098501
SAR 1g (W/Kg)	0.179634



Test Laboratory: AGC Lab
LTE Band VII Mid-Body-Front (1RB#0)
DUT: Mobile Phone ; Type: ETHOS

Date: Sep. 21,2018

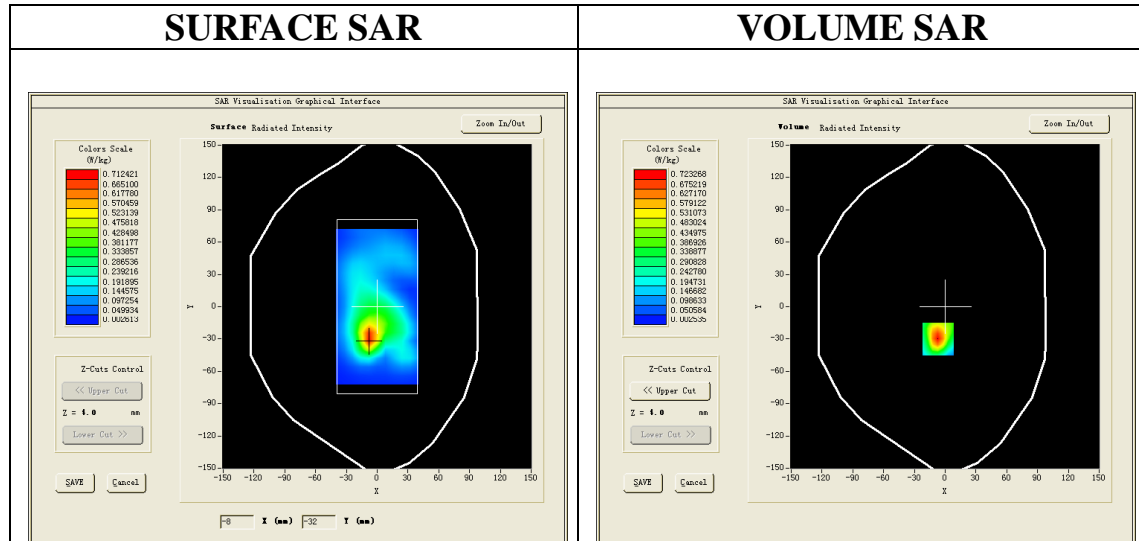
Communication System: LTE; Communication System Band: LTE Band VII; Duty Cycle:1:1; Conv.F=4.68
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 53.70$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.8

SATIMO Configuration:

Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

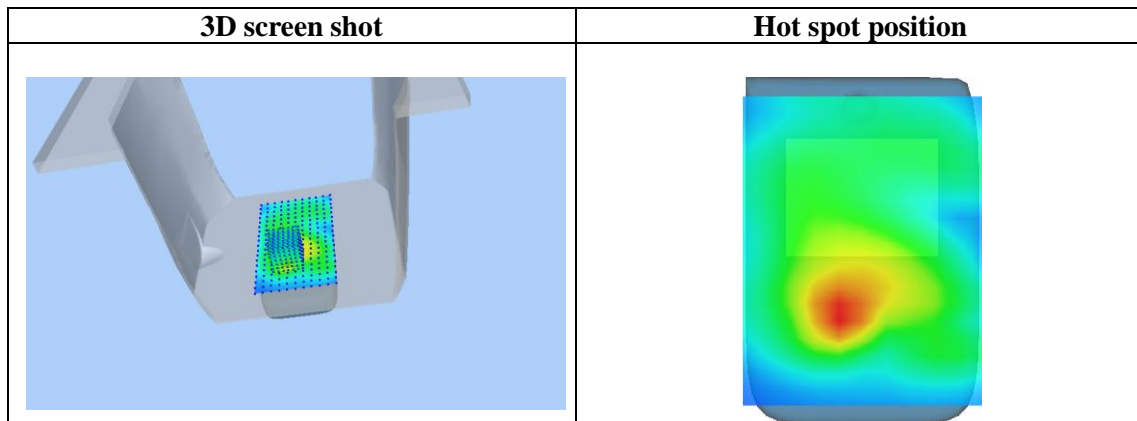
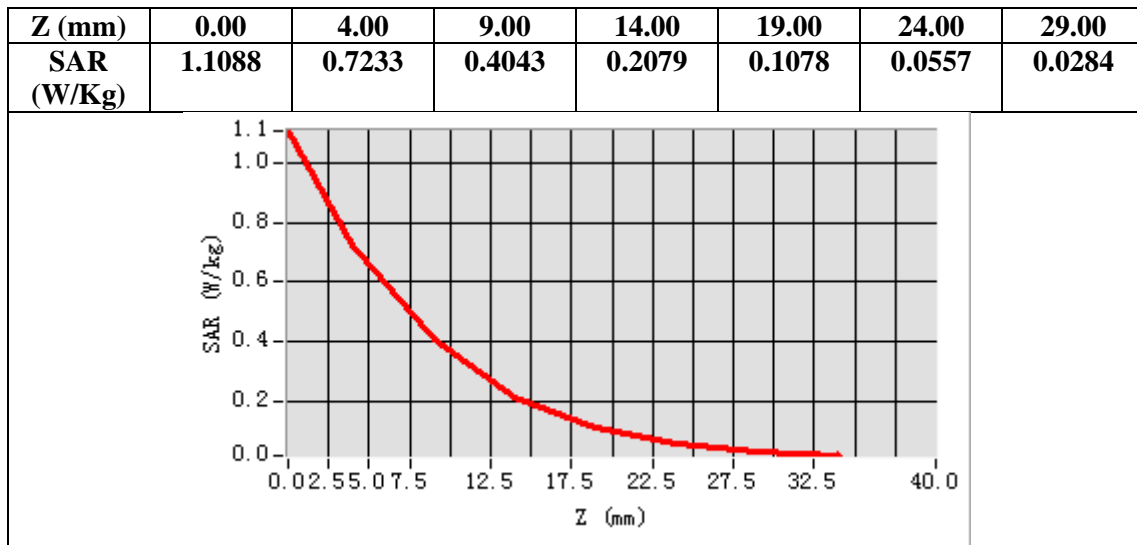
Configuration/ LTE BAND VII Mid-Body-Front /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND VII Mid-Body-Front /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



Maximum location: X=-7.00, Y=-30.00
SAR Peak: 1.10 W/kg

SAR 10g (W/Kg)	0.317296
SAR 1g (W/Kg)	0.638982



Test Laboratory: AGC Lab
LTE Band XII Mid-Touch-Left (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 09,2018

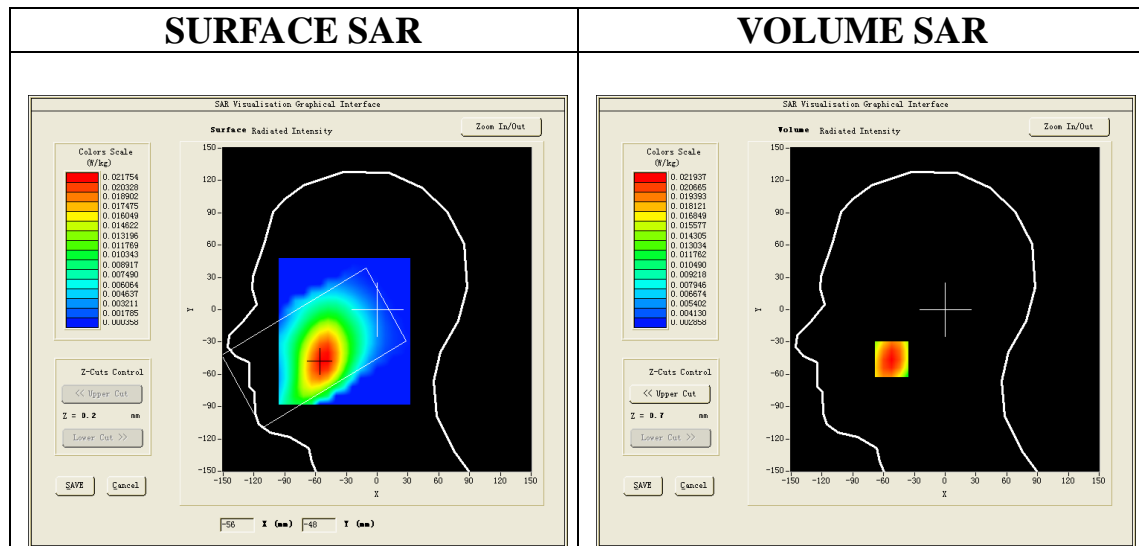
Communication System: LTE; Communication System Band: LTE Band XII; Duty Cycle:1:1; Conv.F=5.20
Frequency: 707.5 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 43.25$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 22.0, Liquid temperature (°C): 21.2

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

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

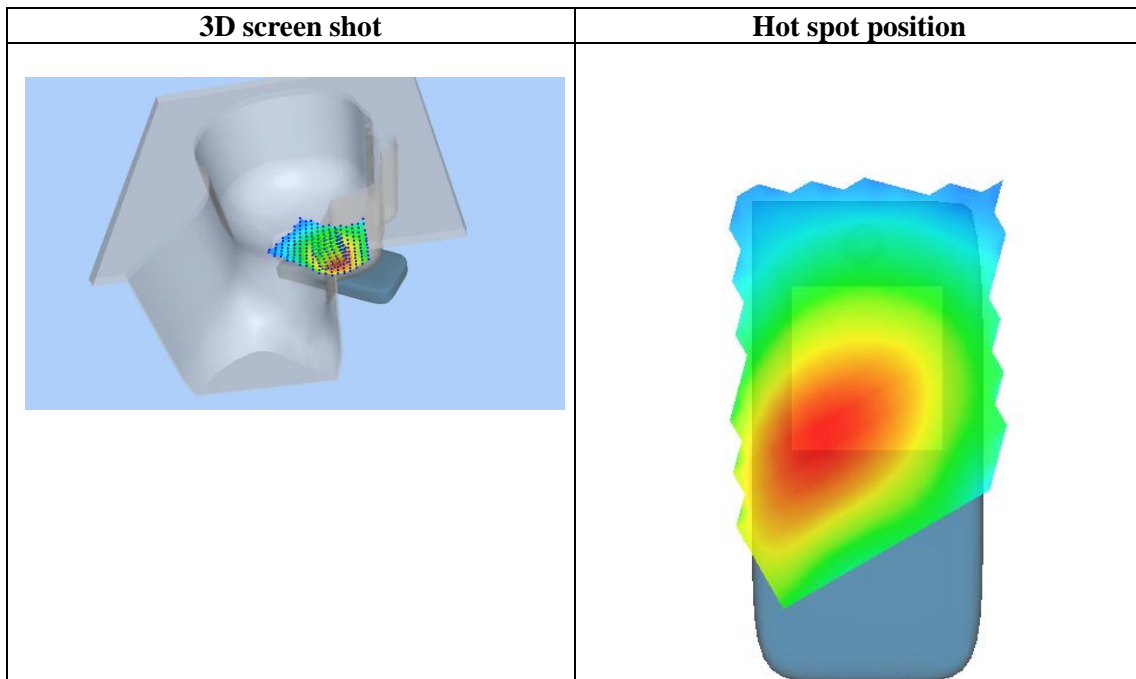
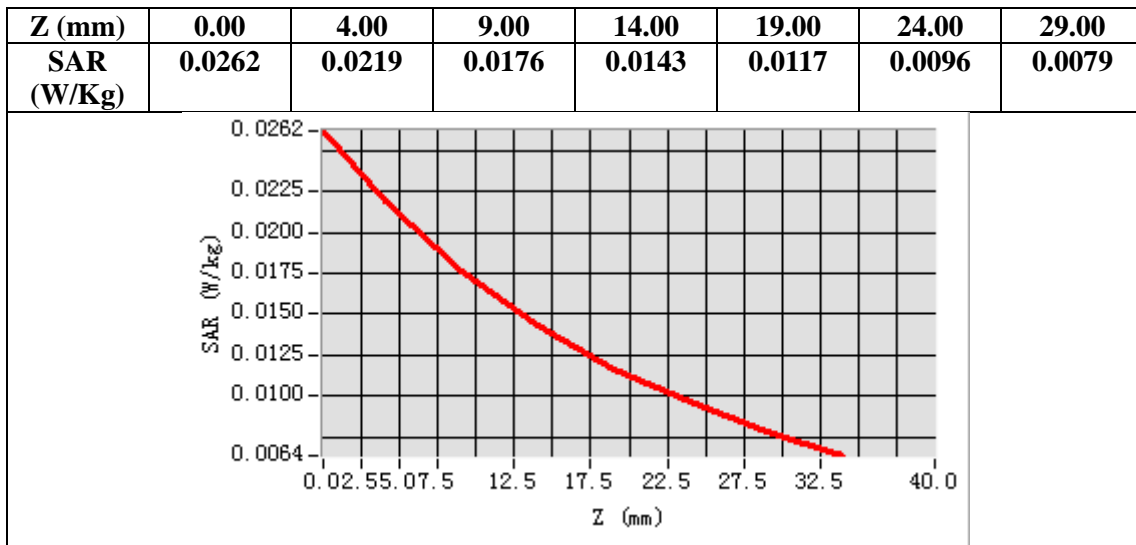
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band XII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-52.00, Y=-46.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.016900
SAR 1g (W/Kg)	0.022478



Test Laboratory: AGC Lab
LTE Band XII Mid-Body-Front (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 09,2018

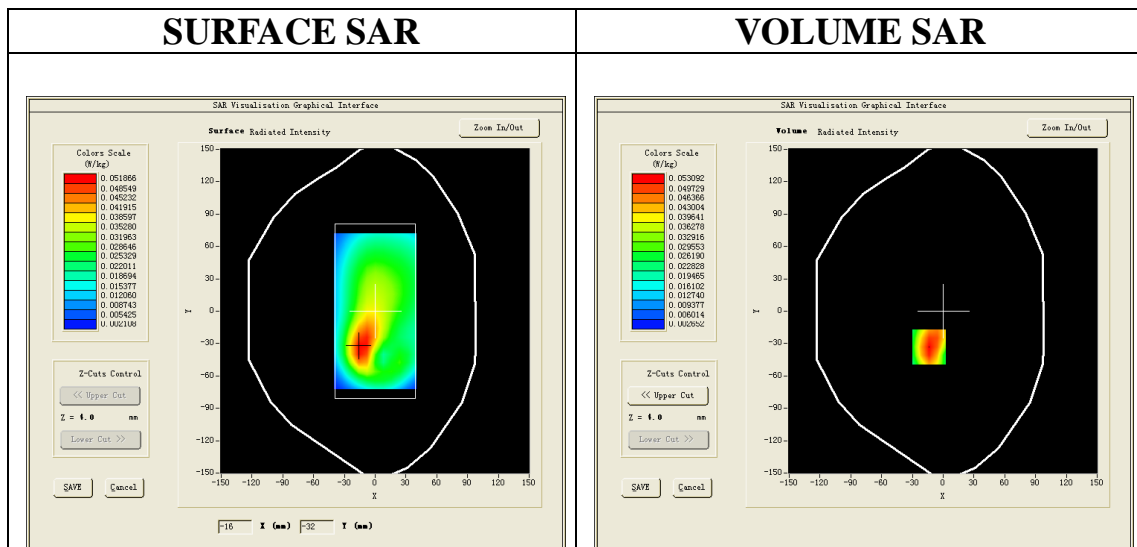
Communication System: LTE; Communication System Band: LTE Band XII; Duty Cycle:1:1; Conv.F=5.40;
Frequency: 707.5 MHz; Medium parameters used: $f = 750$ MHz; $\sigma=0.93$ mho/m; $\epsilon_r=56.99$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.0, Liquid temperature (°C): 21.5

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

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

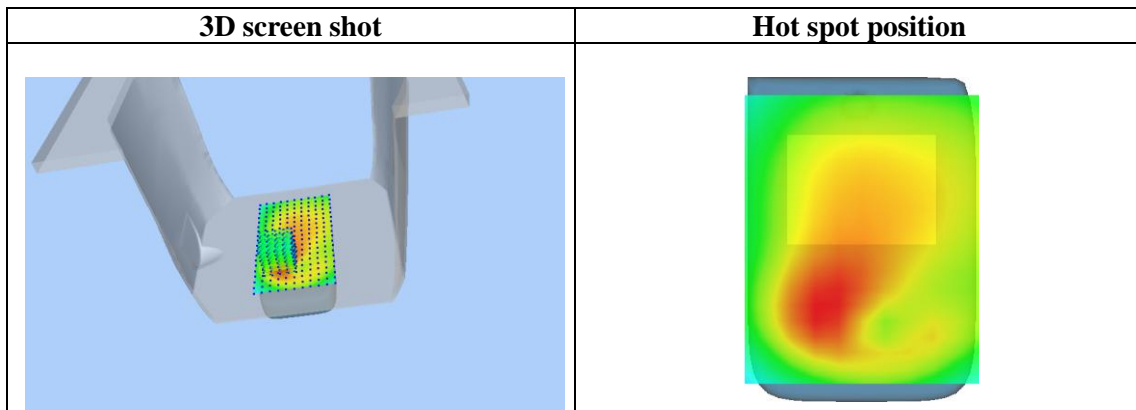
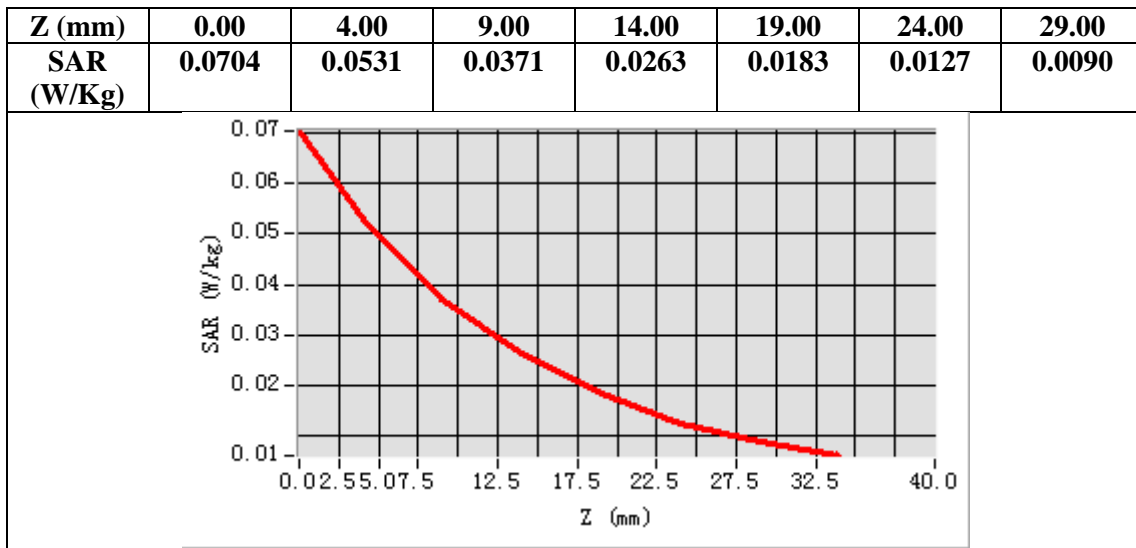
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Front
Band	LTE Band XII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-14.00, Y=-33.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.034847
SAR 1g (W/Kg)	0.053840



WIFI MODE

Test Laboratory: AGC Lab
802.11b Mid-Touch-Left
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 27,2018

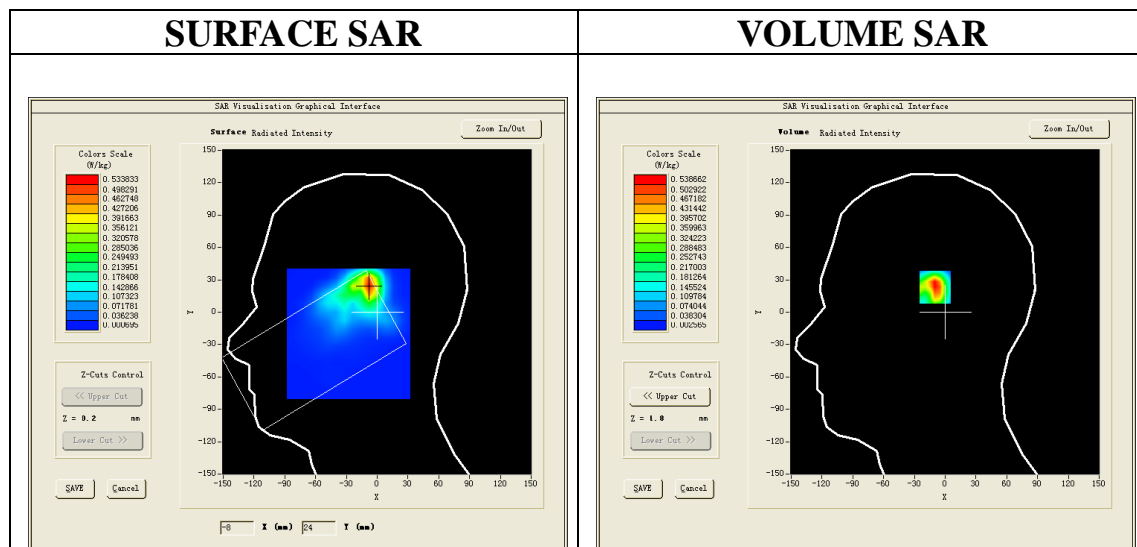
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=4.90;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.78$ mho/m; $\epsilon_r = 40.12$ $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C):22.3, Liquid temperature (°C): 21.6

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

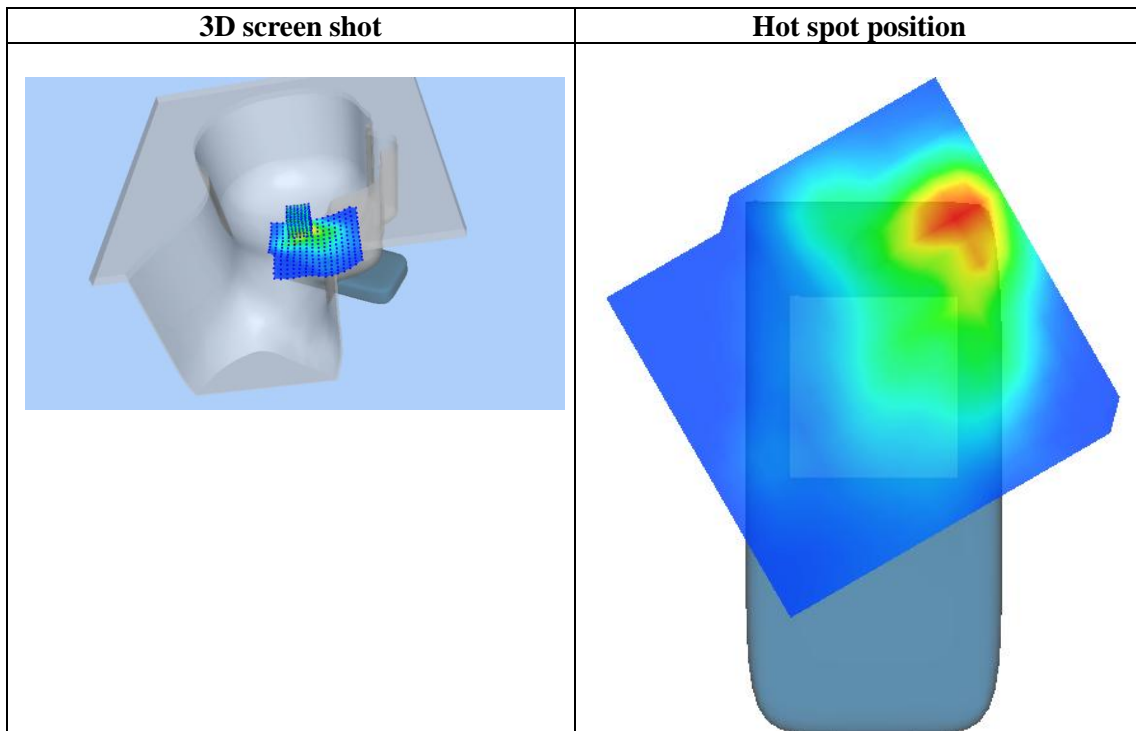
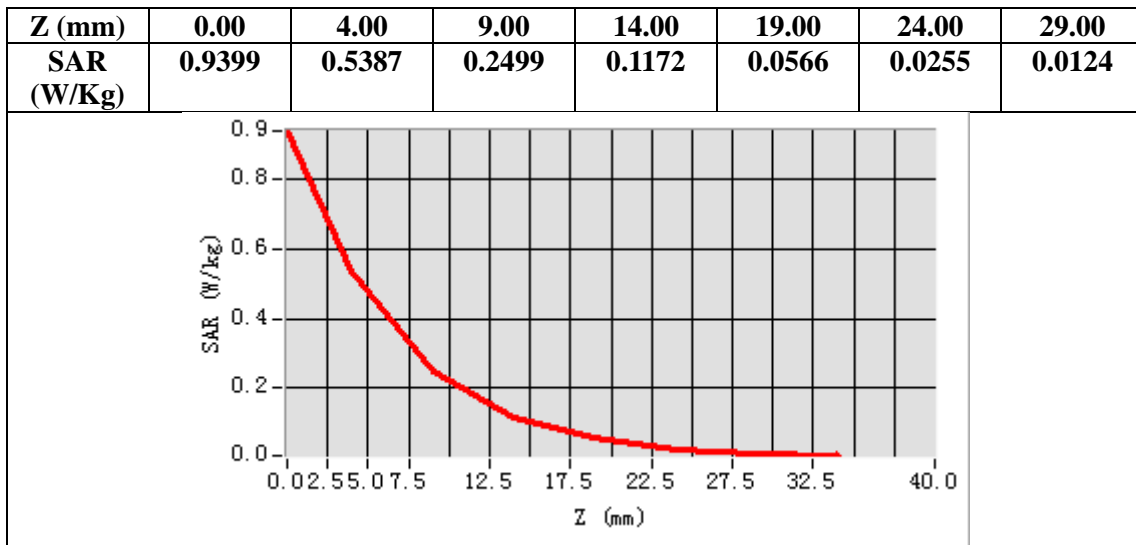
Configuration/802.11b Mid- Touch-Left/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b Mid- Touch-Left/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

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=-8.00, Y=25.00
SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)	0.213022
SAR 1g (W/Kg)	0.490916



Test Laboratory: AGC Lab
802.11b Mid-Edge2
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 27,2018

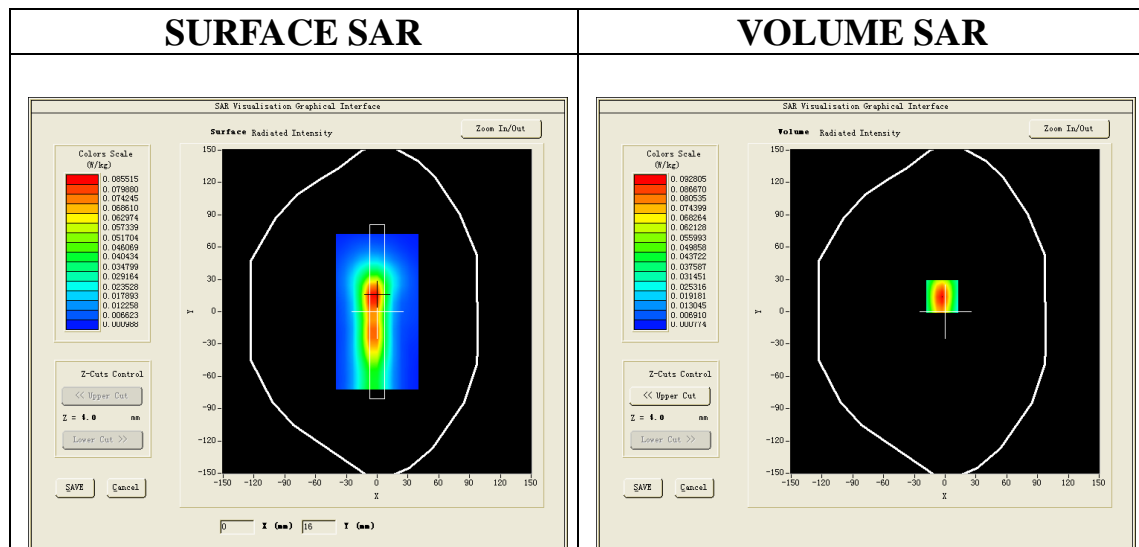
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=5.04;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.62$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):22.3, Liquid temperature (°C): 21.9

SATIMO Configuration:

Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM twin phantom
Measurement SW: OpenSAR V4_02_32

Configuration/802.11b Mid- Edge2 /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b Mid- Edge2 /Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm;

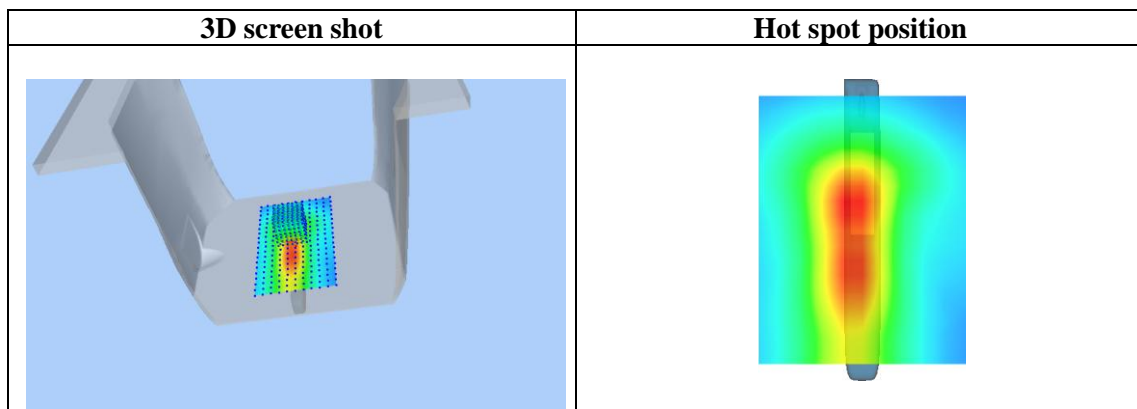
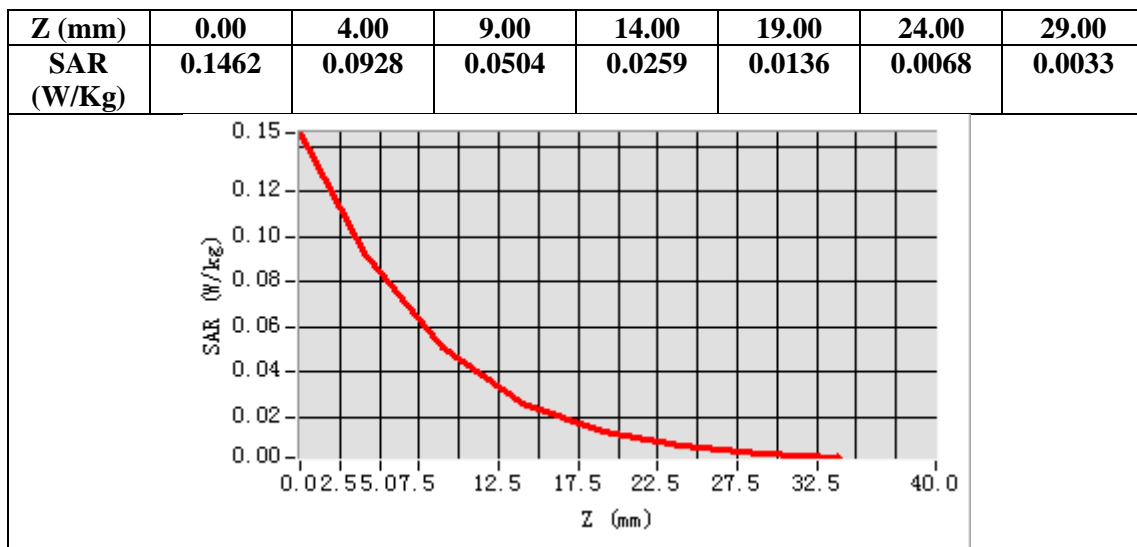
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Edge2
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



Maximum location: X=-3.00, Y=14.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.043143
SAR 1g (W/Kg)	0.085216



Repeated SAR

Test Laboratory: AGC Lab

Date: Sep. 10,2018

WCDMA Band IV High-Edge3 (RMC)

DUT: Smart Phone; Type: KINGKONG 3

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=4.81; Frequency:1752.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.95$; $\rho = 1000$ kg/m³; Phantom section: Flat Section
Ambient temperature (°C): 22.3, Liquid temperature (°C): 21.9

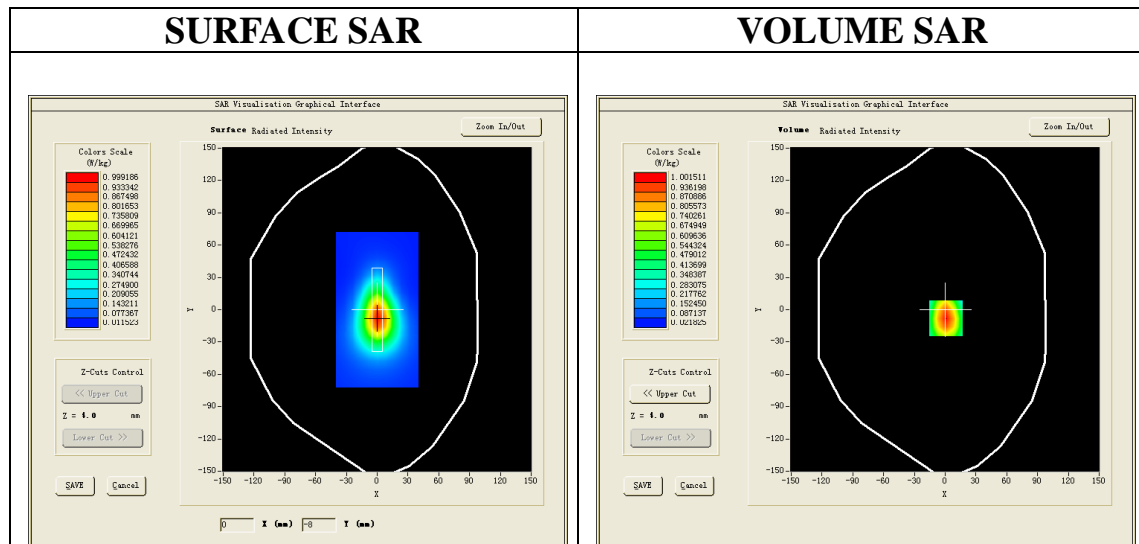
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

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

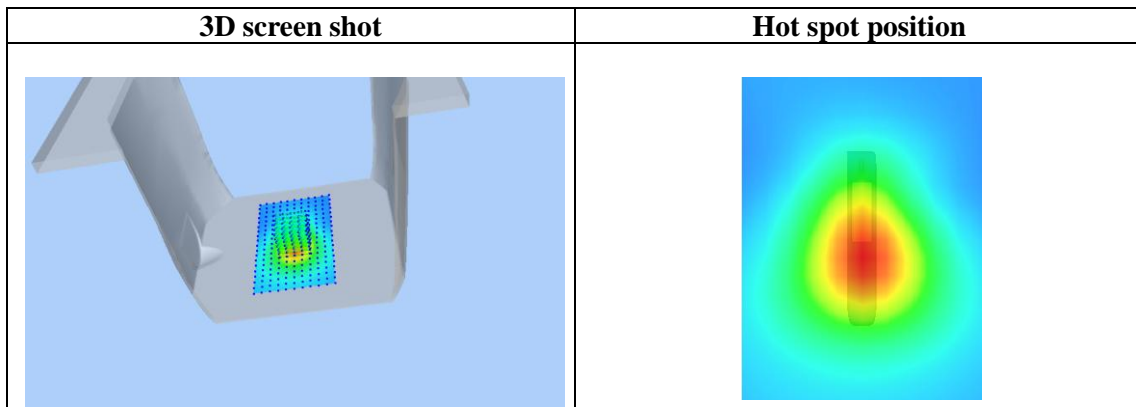
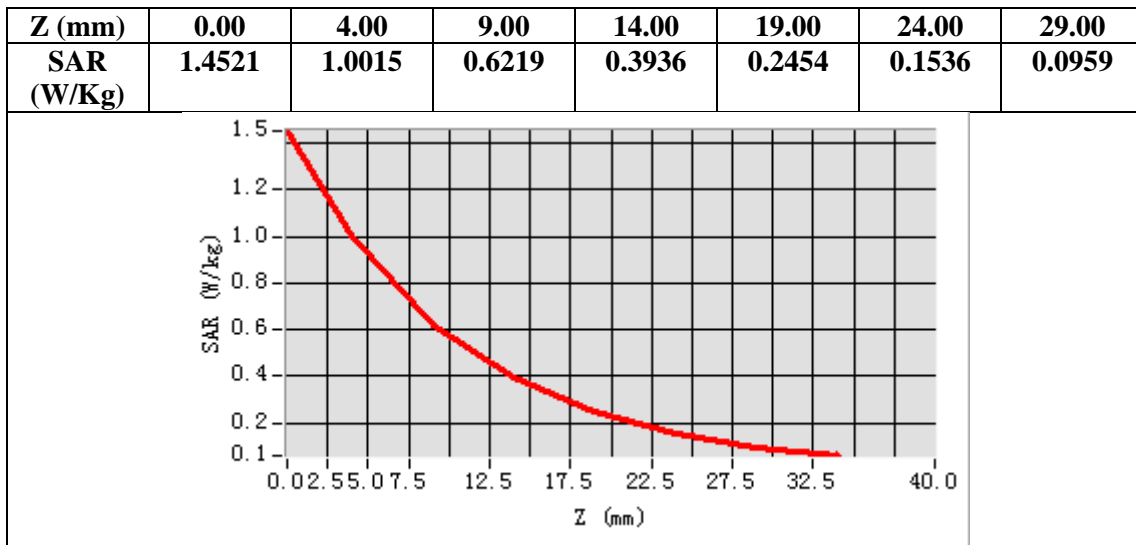
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge3
Band	WCDMA Band IV
Channels	High
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=1.00, Y=-8.00

SAR Peak: 1.45 W/kg

SAR 10g (W/Kg)	0.539175
SAR 1g (W/Kg)	0.943378



Test Laboratory: AGC Lab
LTE Band IV Low- Edge3 (1 RB#0)
DUT: Smart Phone; Type: KINGKONG 3

Date: Sep. 28,2018

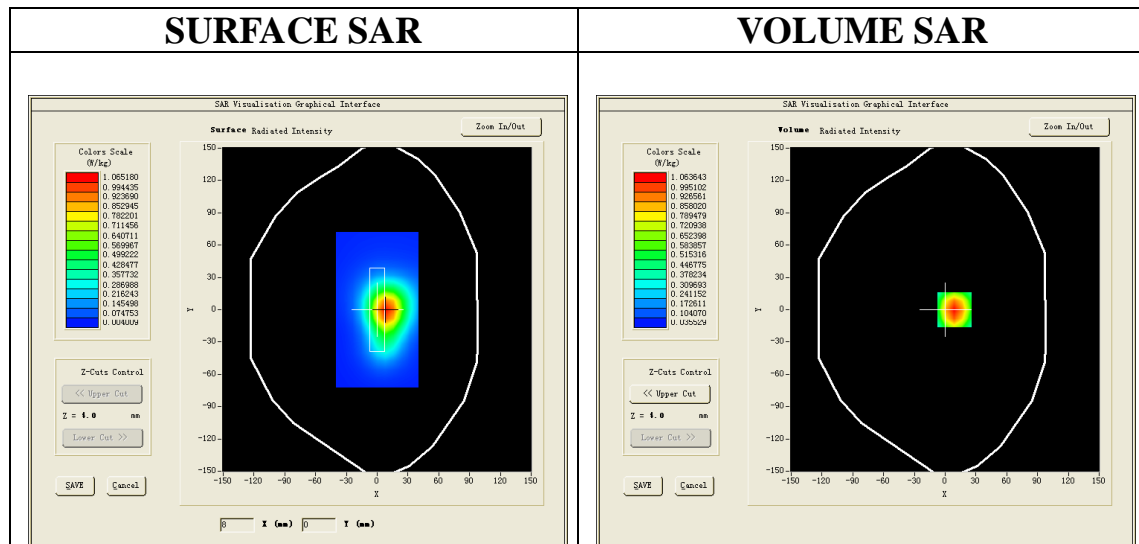
Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=4.81;
Frequency:1720 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 54.76$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.2, Liquid temperature (°C): 21.8

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

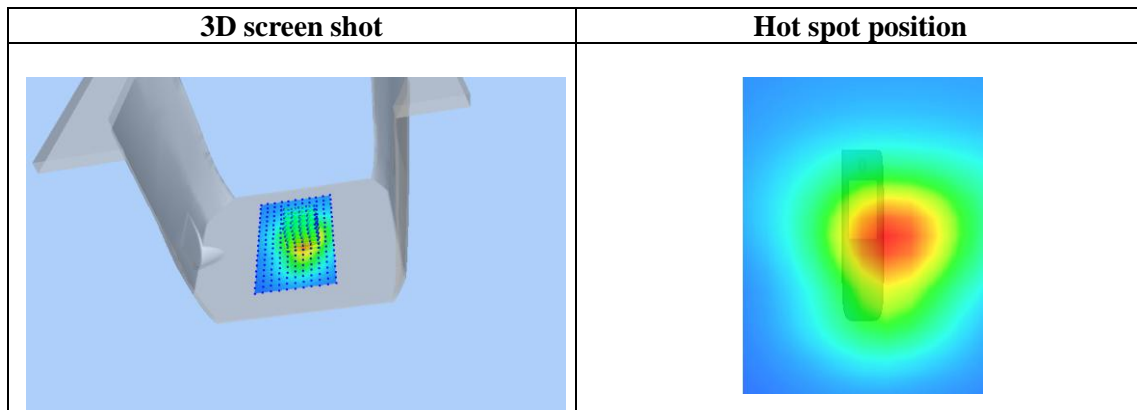
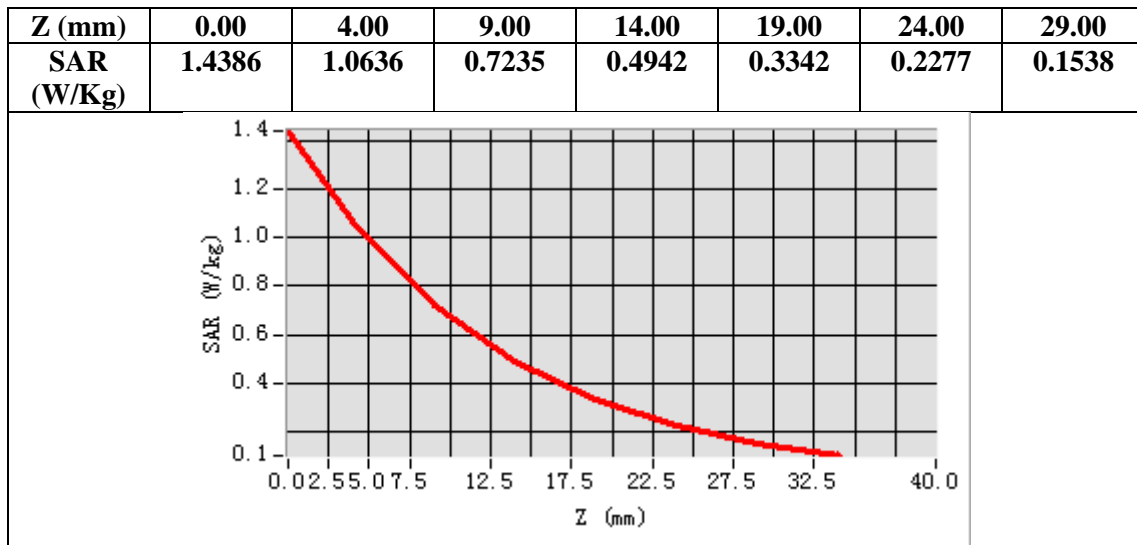
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge3
Band	LTE Band IV
Channels	Low
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=9.00, Y=0.00

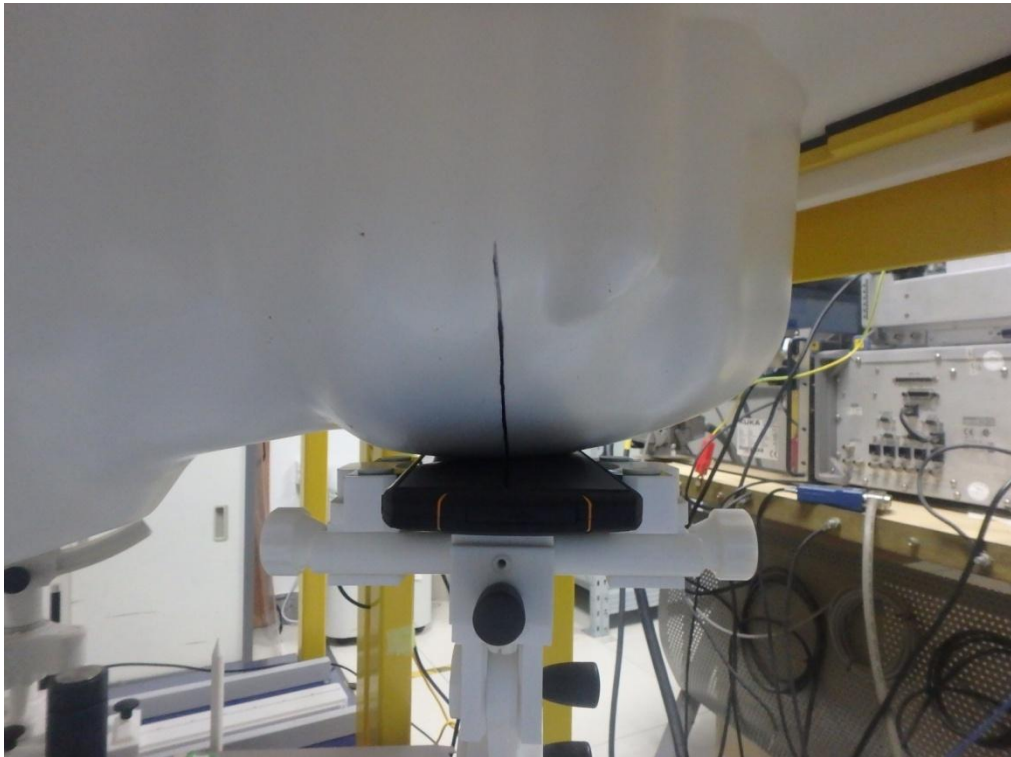
SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.611777
SAR 1g (W/Kg)	1.002393

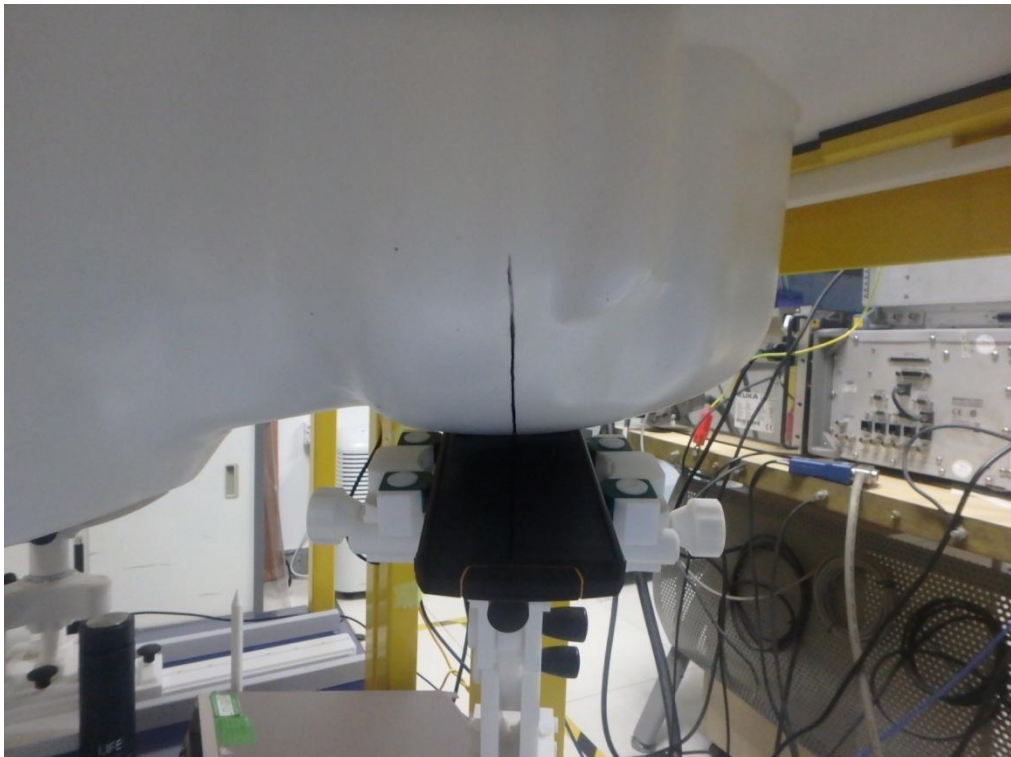


APPENDIX C. TEST SETUP PHOTOGRAPHS

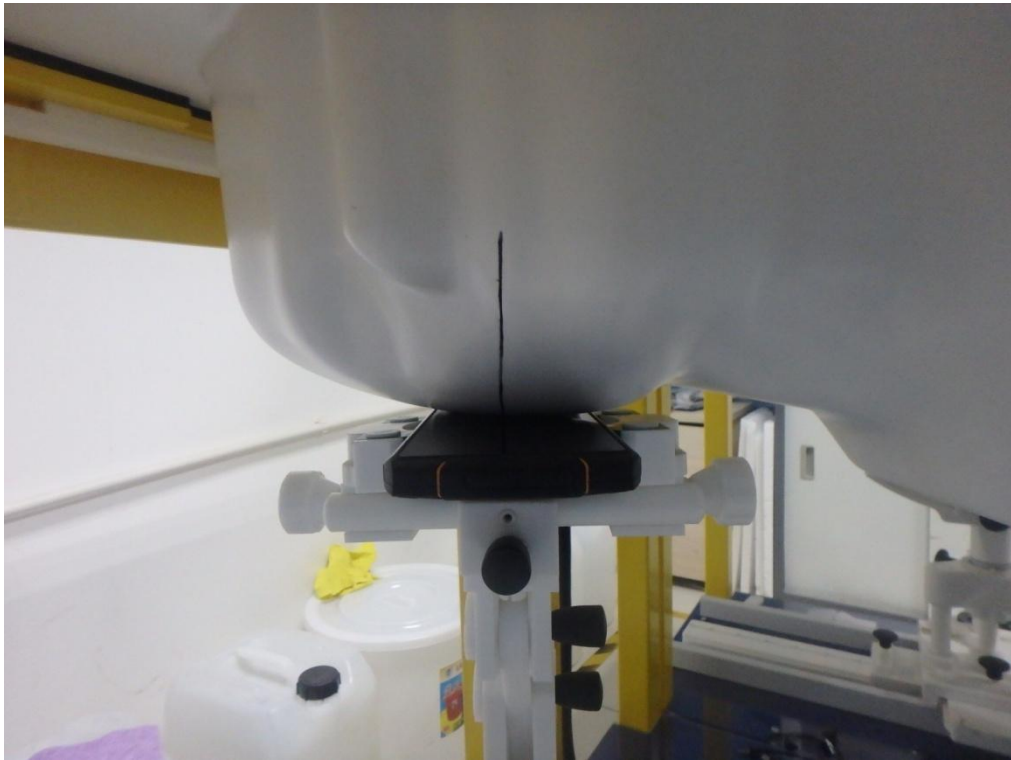
LEFT-CHEEK TOUCH



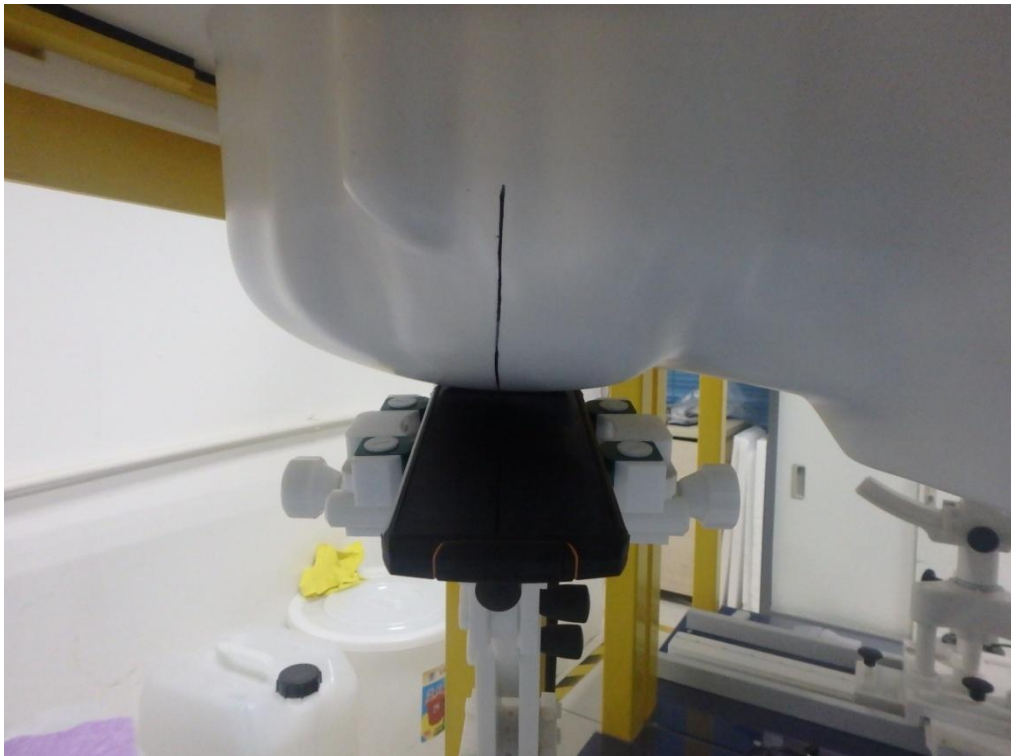
LEFT-TILT 15°



RIGHT- CHEEK TOUCH



RIGHT-TILT 15°



Body Back 10mm



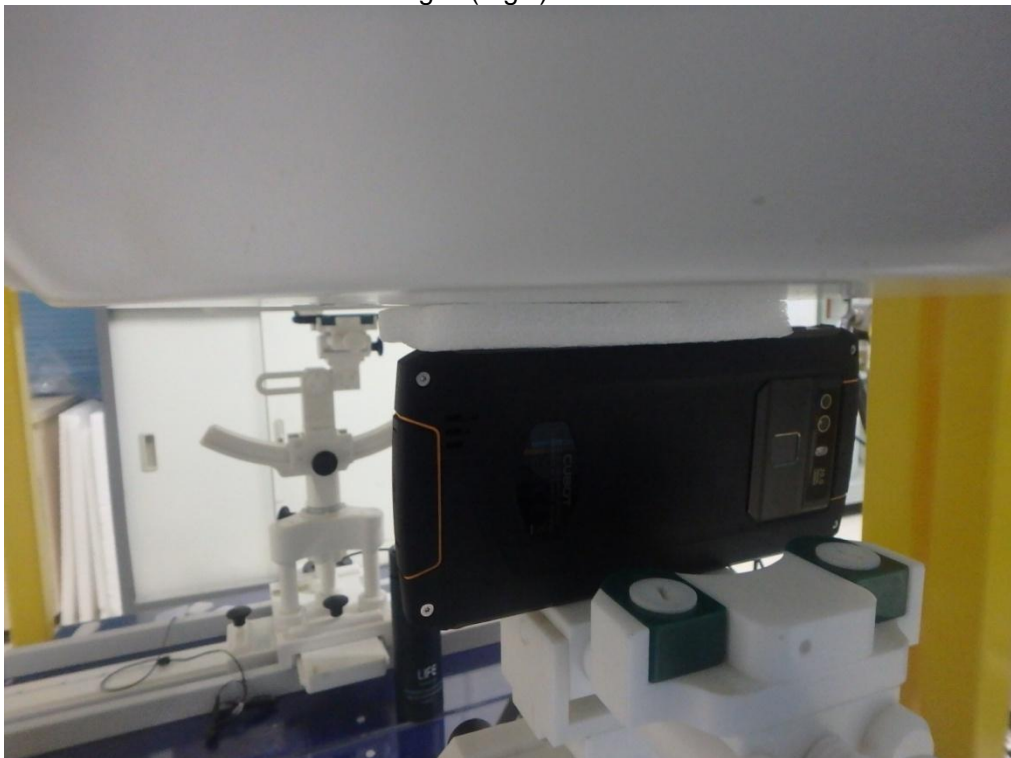
Body Front 10mm



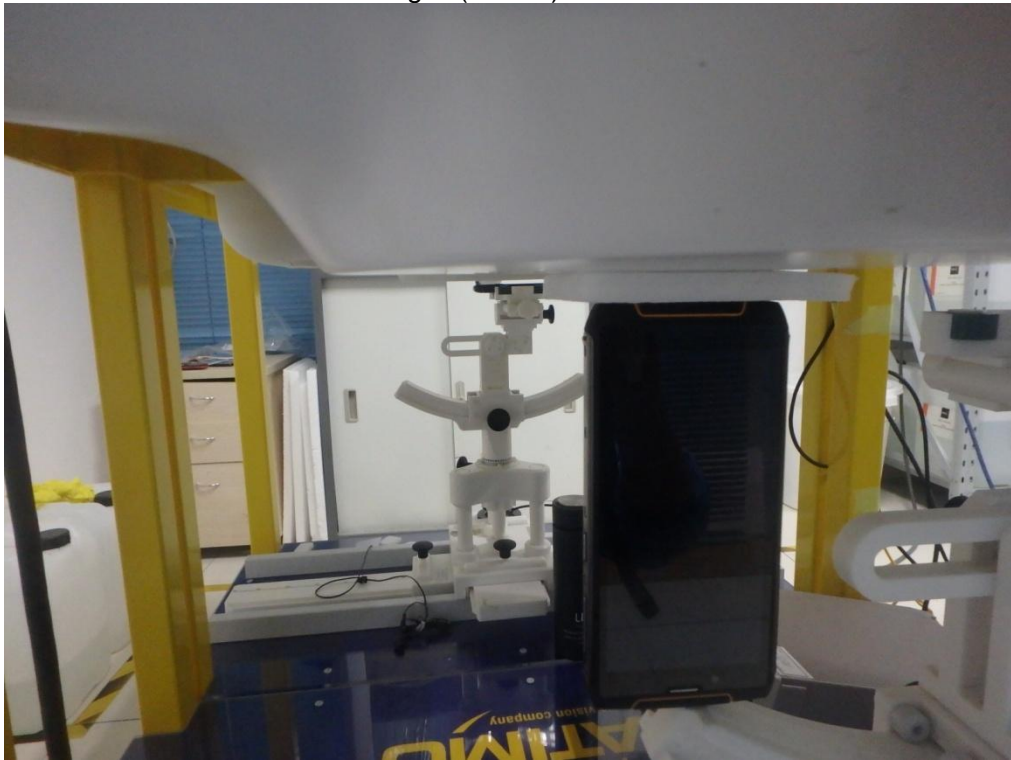
Edge 1(Top) 10mm



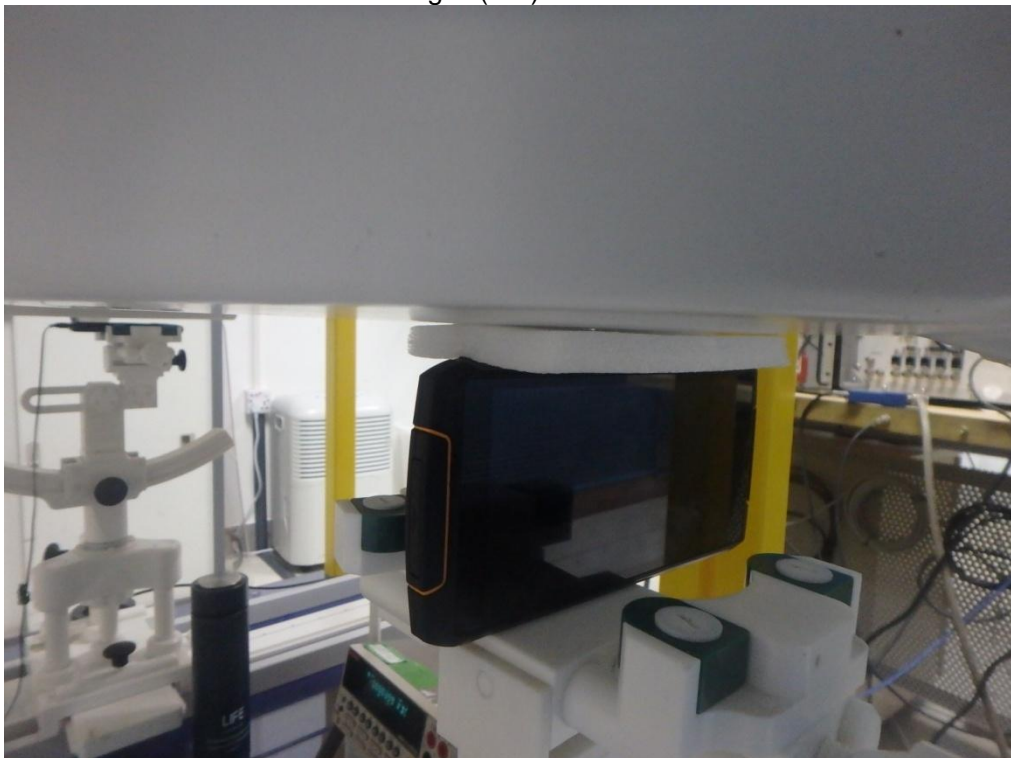
Edge 2(Right) 10mm



Edge 3(Bottom) 10mm




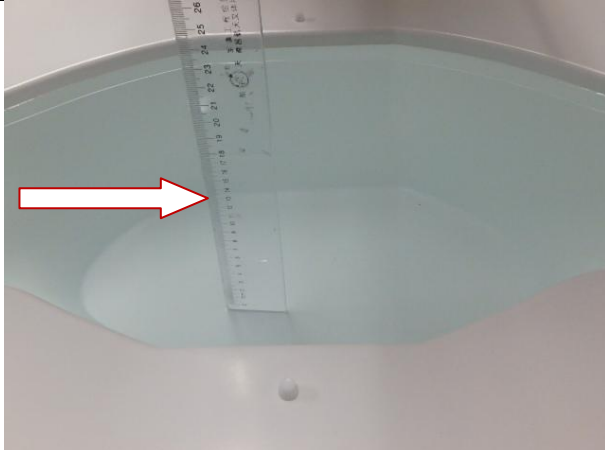




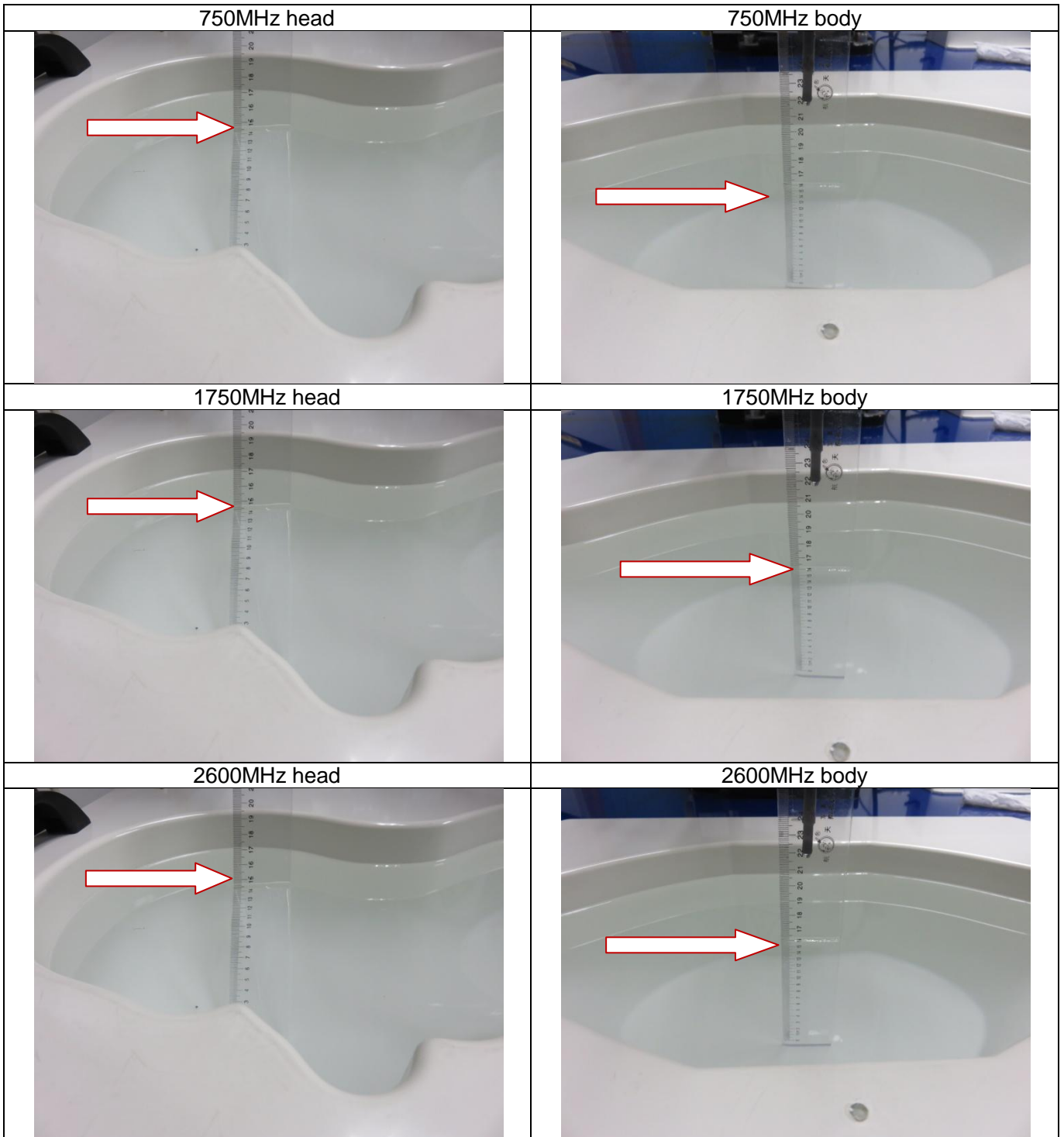
Edge 4(Left) 10mm



DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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

<p>835MHz head</p>  A photograph showing a ruler placed vertically inside the head of a white phantom. A red arrow points to the liquid level on the ruler, which is approximately at the 15 cm mark.	<p>835MHz body</p>  A photograph showing a ruler placed vertically inside the body of a white phantom. A red arrow points to the liquid level on the ruler, which is approximately at the 18 cm mark.
<p>1900MHz head</p>  A photograph showing a ruler placed vertically inside the head of a white phantom. A red arrow points to the liquid level on the ruler, which is approximately at the 18 cm mark.	<p>1900MHz body</p>  A photograph showing a ruler placed vertically inside the body of a white phantom. A red arrow points to the liquid level on the ruler, which is approximately at the 18 cm mark.
<p>2450MHz head</p>  A photograph showing a ruler placed vertically inside the head of a white phantom. A red arrow points to the liquid level on the ruler, which is approximately at the 15 cm mark.	<p>2450MHz body</p>  A photograph showing a ruler placed vertically inside the body of a white phantom. A red arrow points to the liquid level on the ruler, which is approximately at the 18 cm mark.



APPENDIX D. CALIBRATION DATA

Refer to Attached files.