

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: $f = 835 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.26$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 22.2, Liquid temperature ($^{\circ}\text{C}$): 21.7

SATIMO Configuration:

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

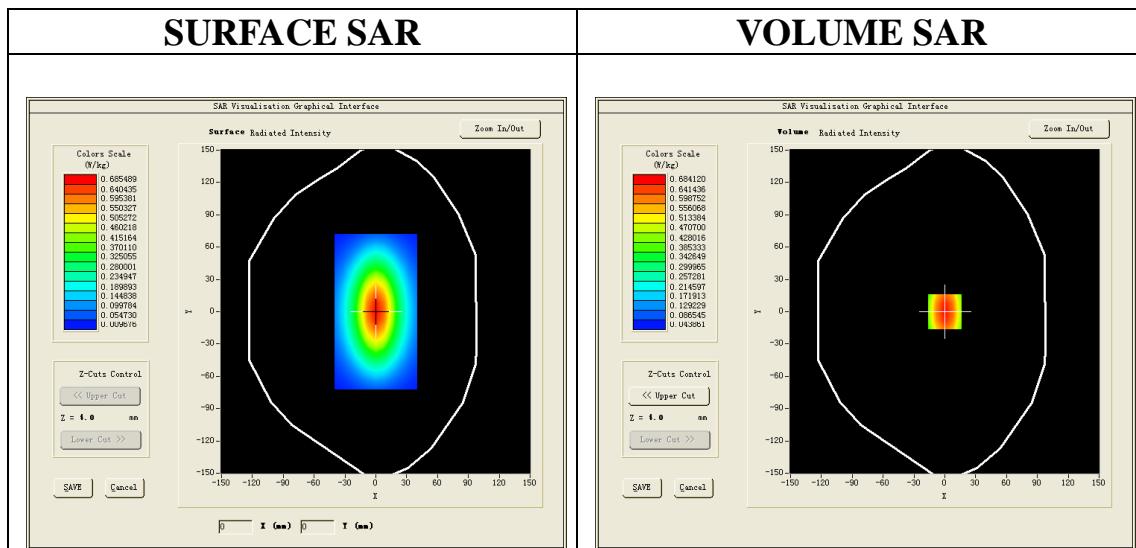
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

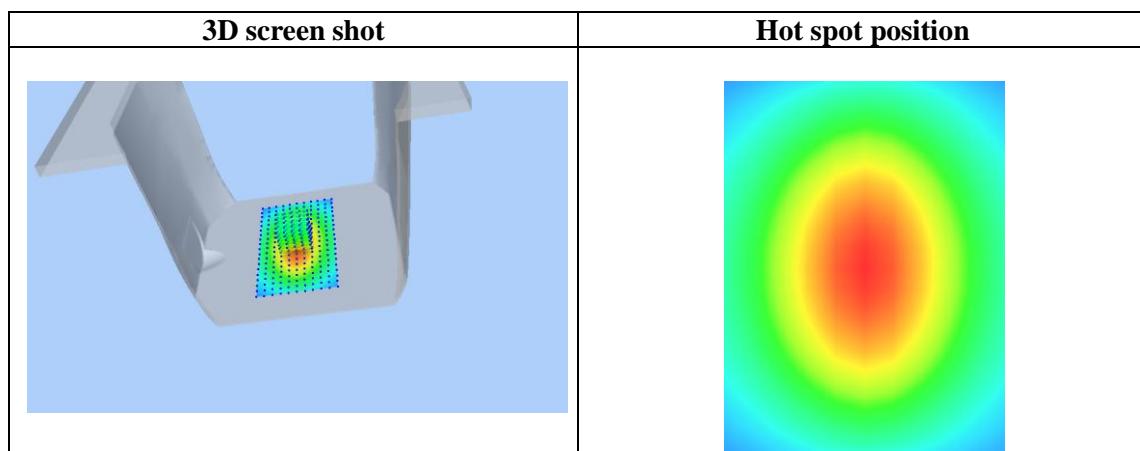
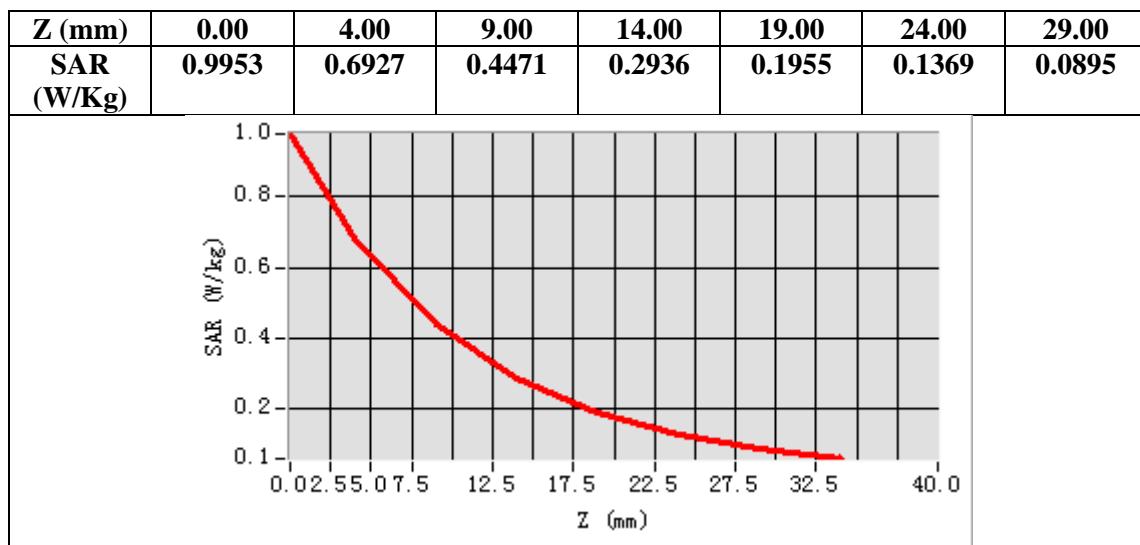
Configuration/System Check 835MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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

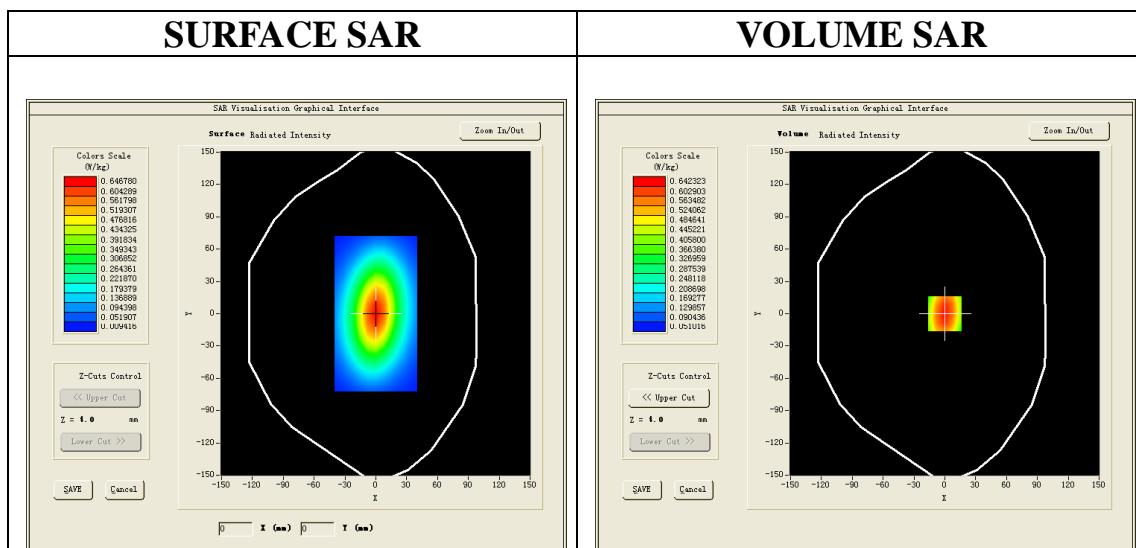
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

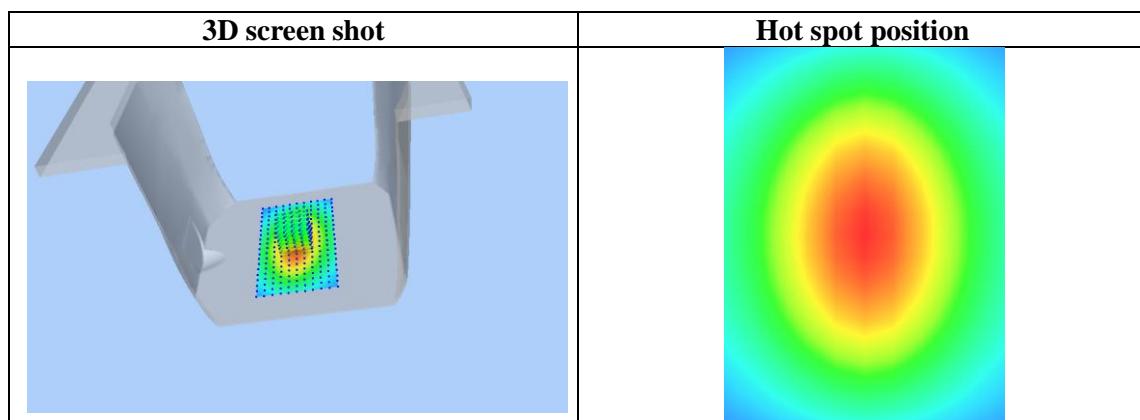
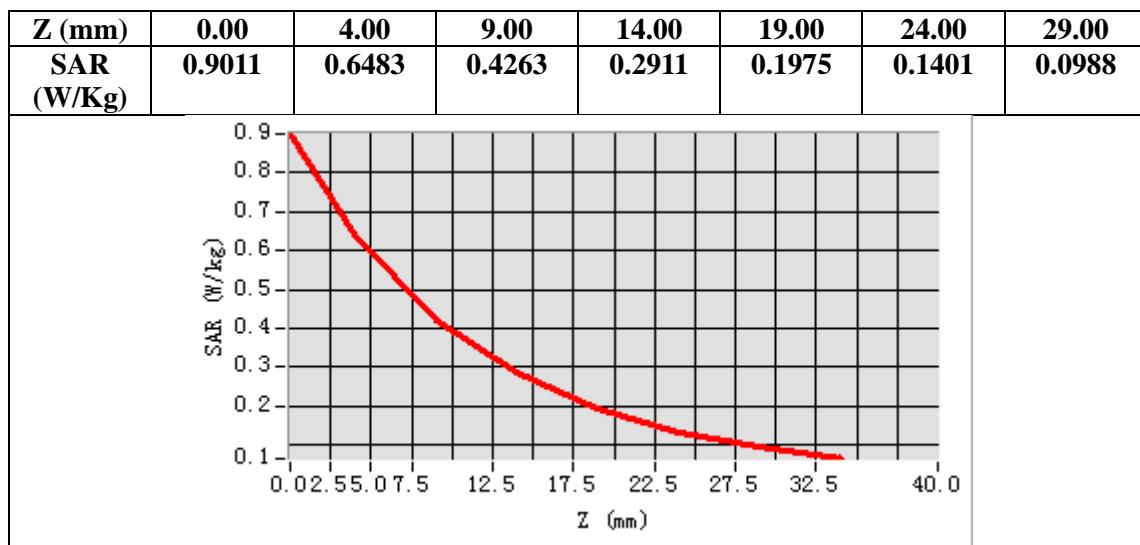
Configuration/System Check 835MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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
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=4.71
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

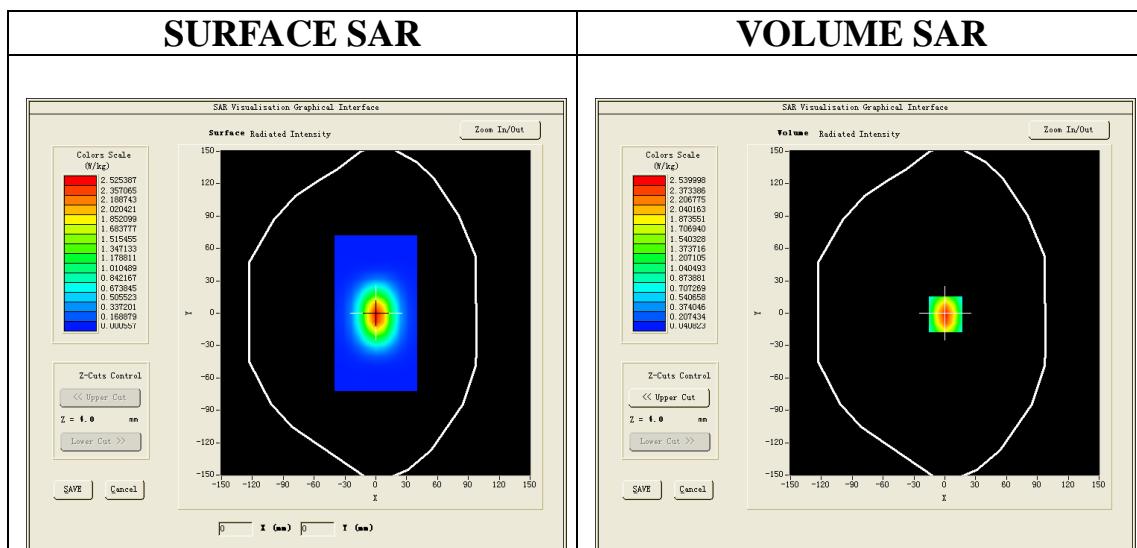
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

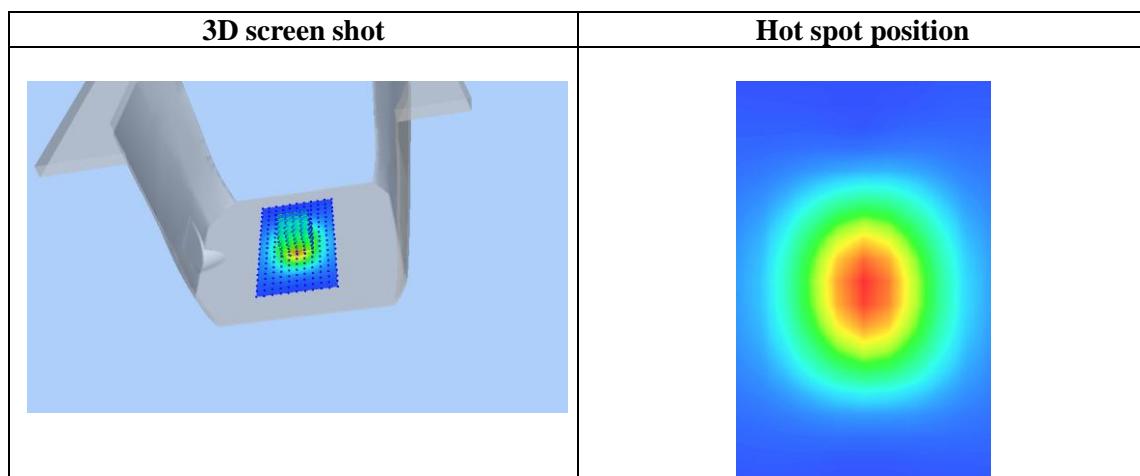
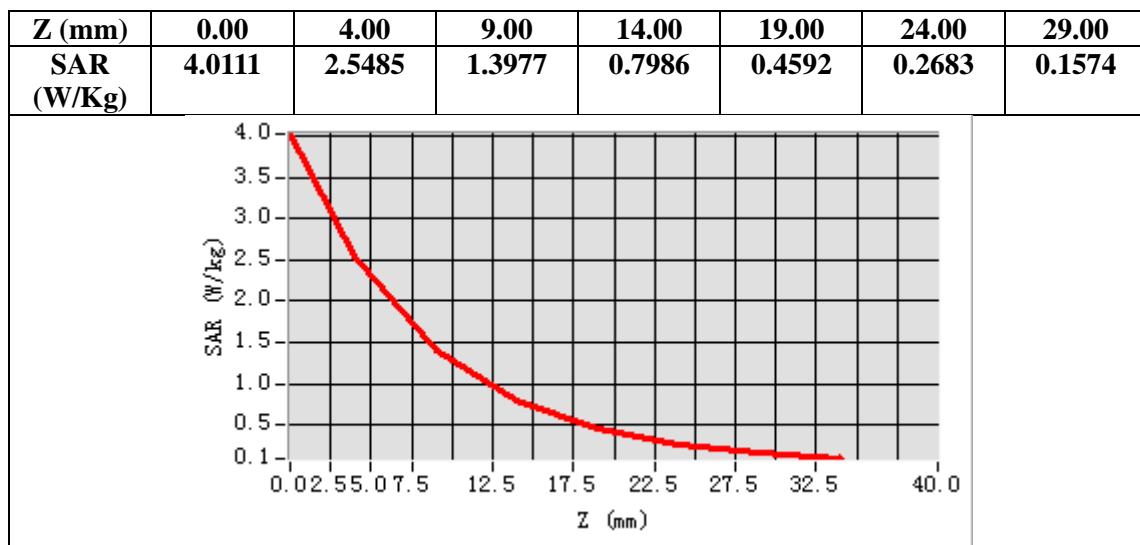
Configuration/System Check 1750MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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

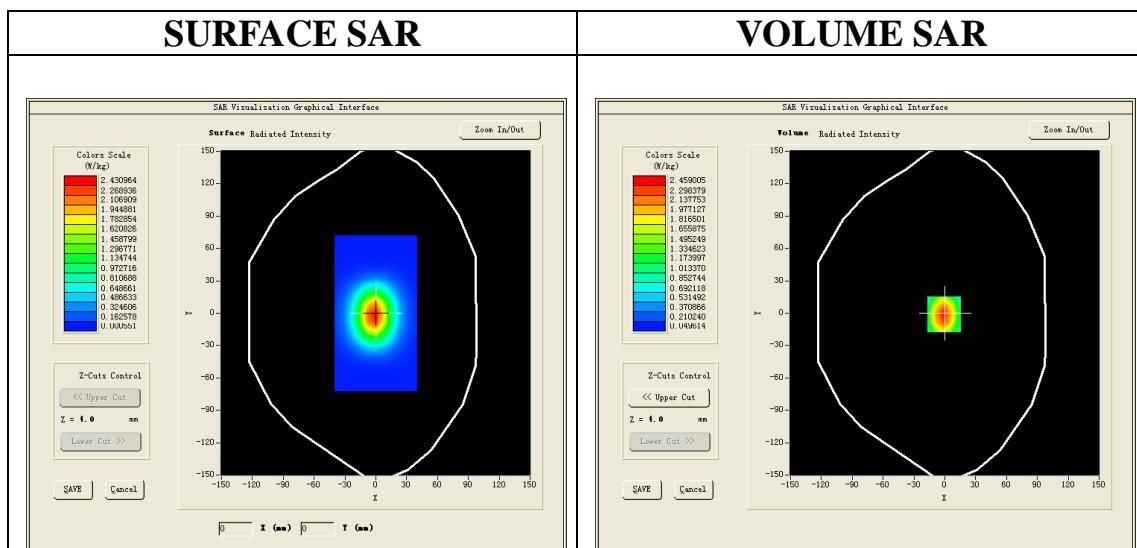
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

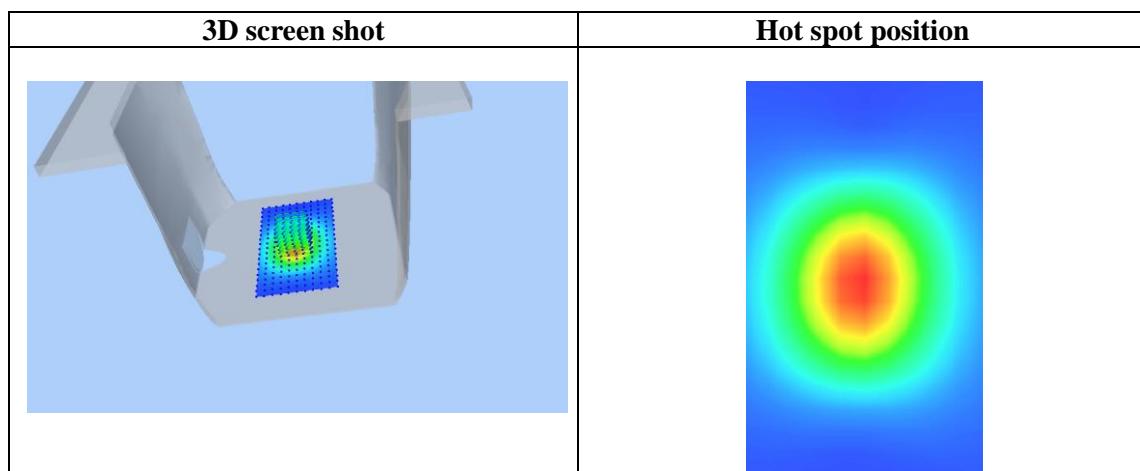
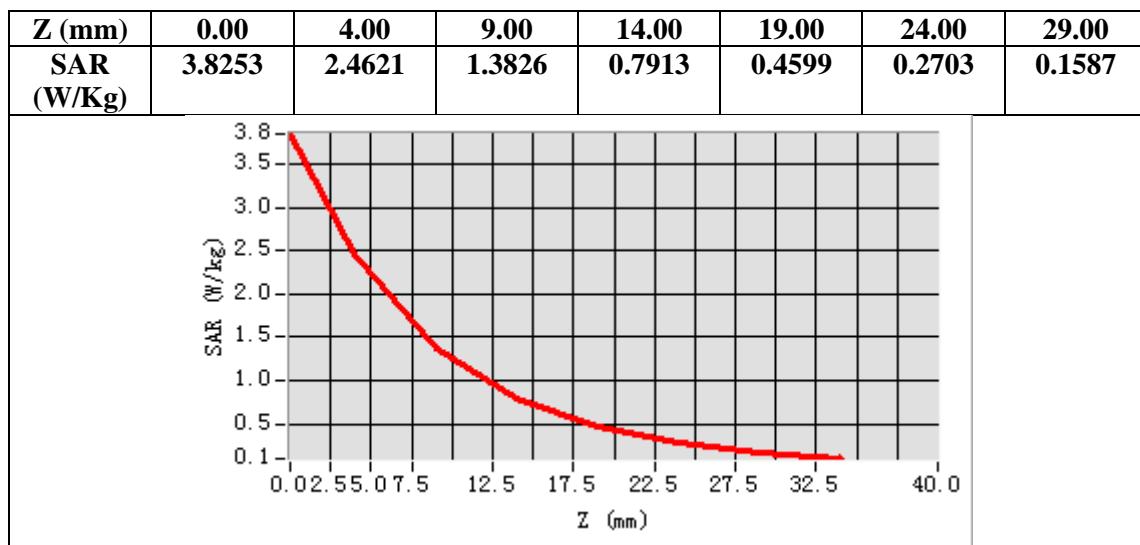
Configuration/System Check 1750MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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
DUT: Dipole 1900 MHz; Type: SID 1900

Date: Sep. 08,2018

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

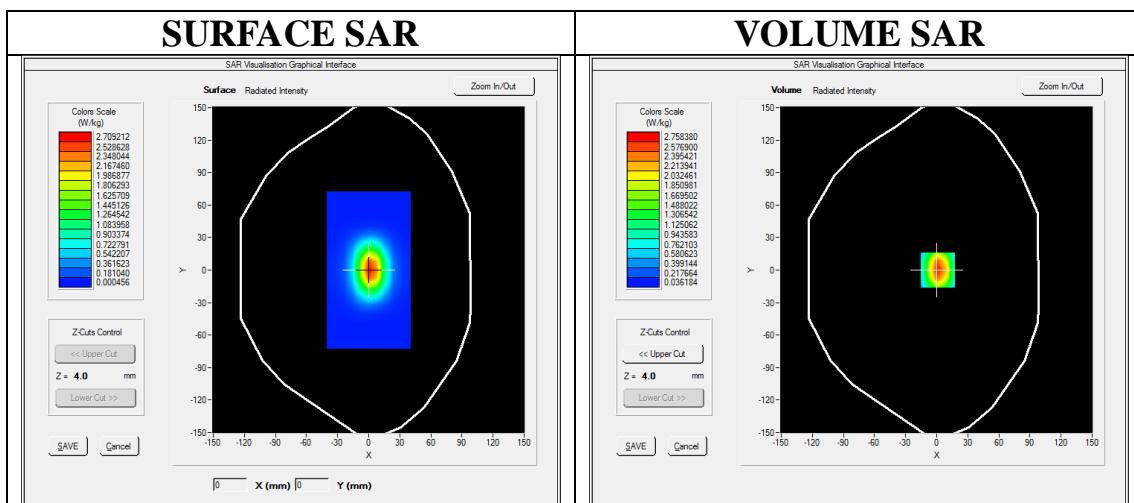
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

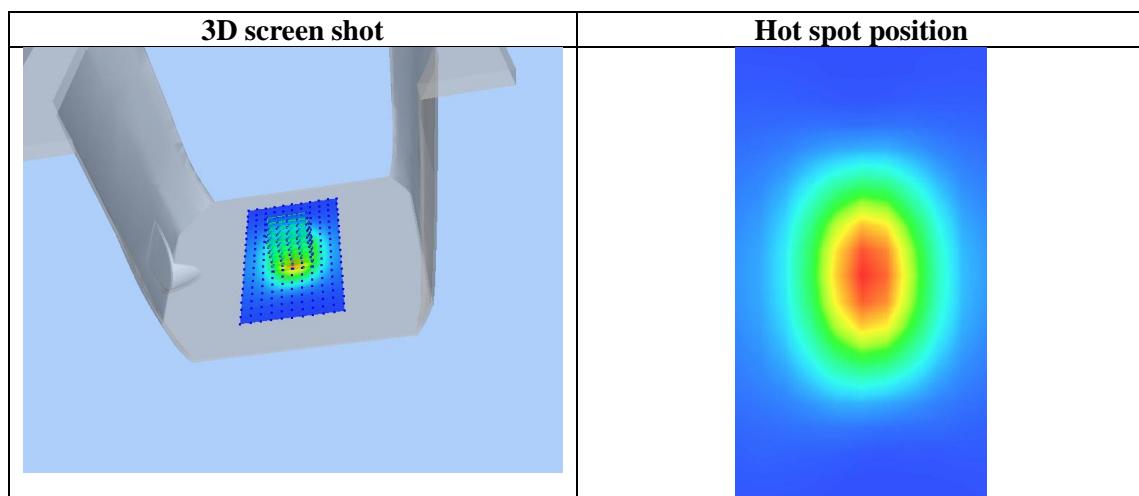
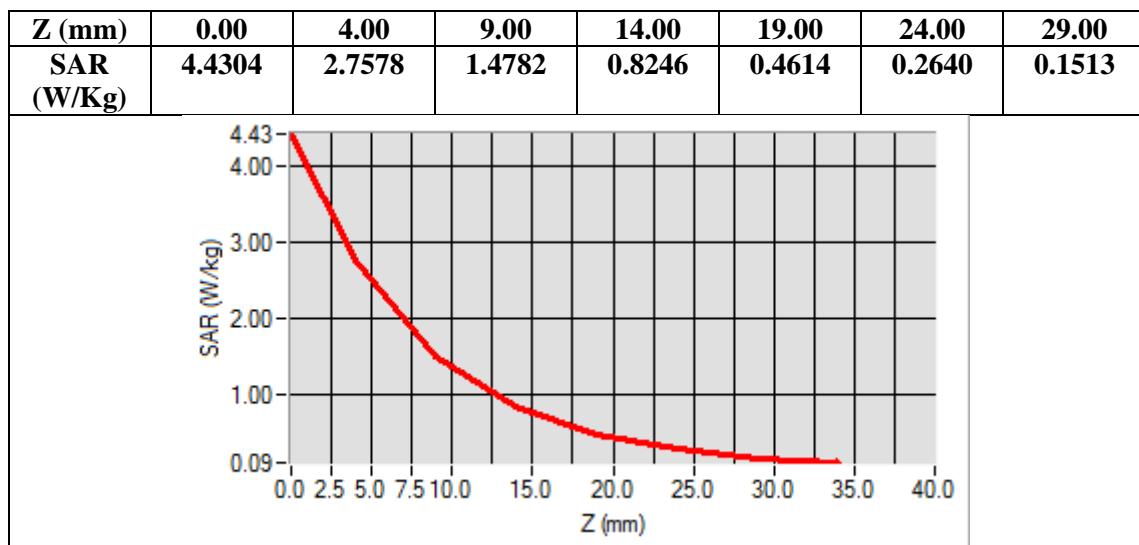
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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
DUT: Dipole 1900 MHz; Type: SID 1900

Date: Sep. 08,2018

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

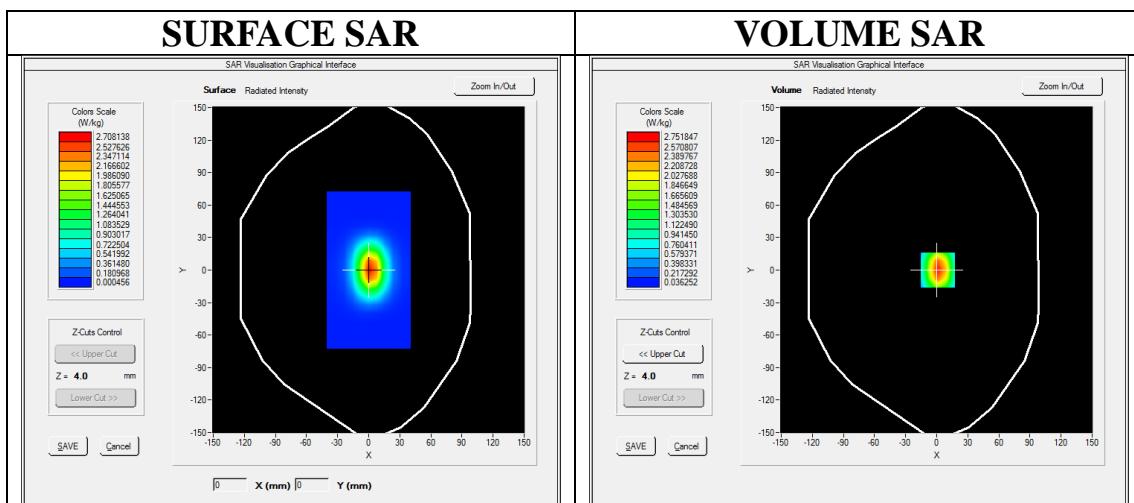
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

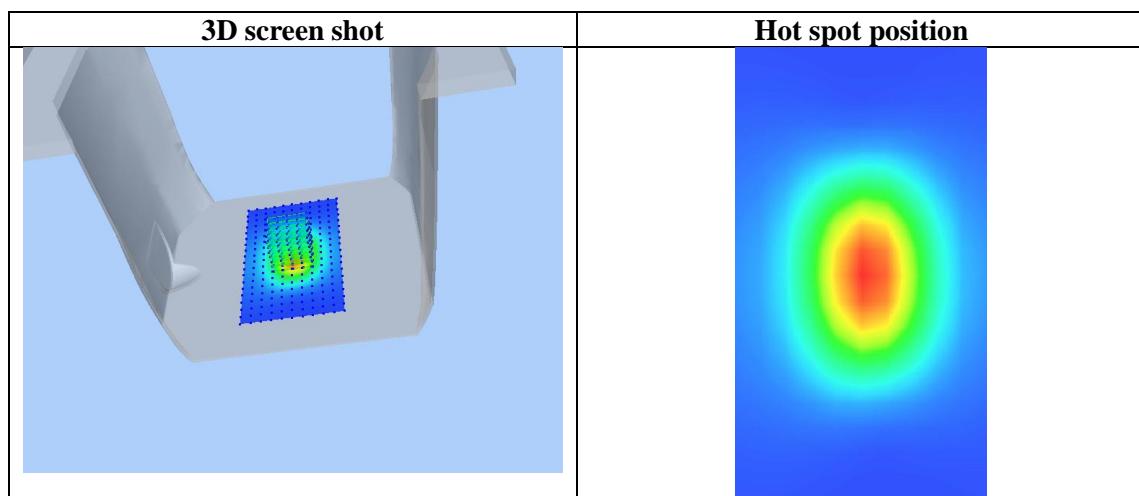
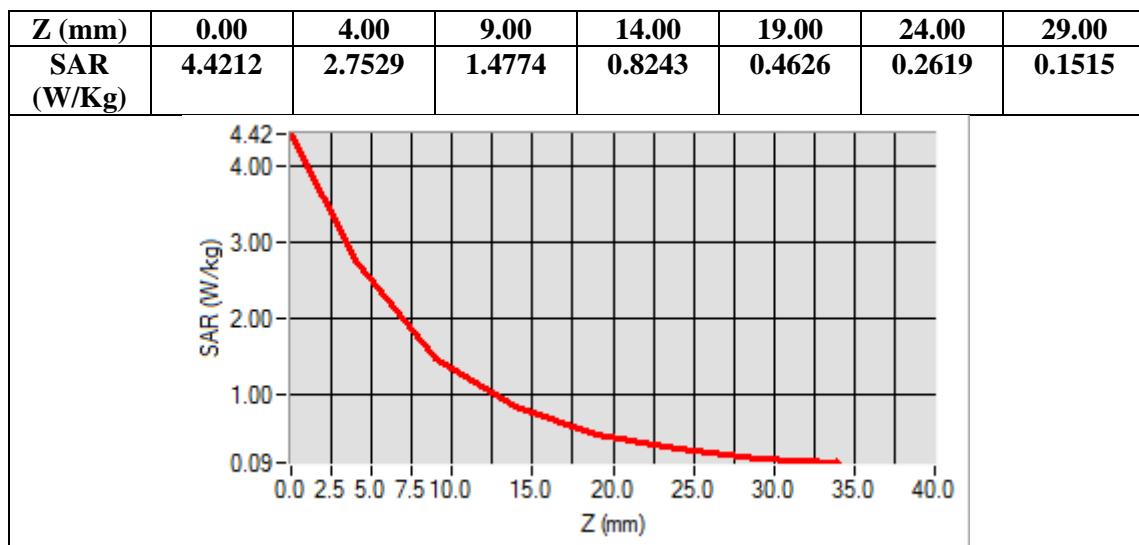
Configuration/System Check 1900MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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
DUT: Dipole 1900 MHz; Type: SID 1900

Date: Sep. 11,2018

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

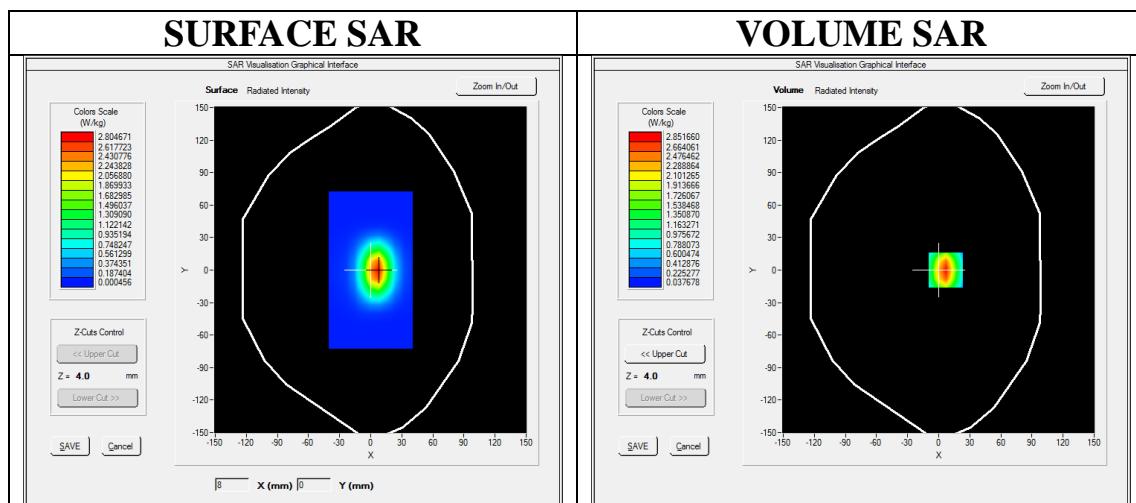
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

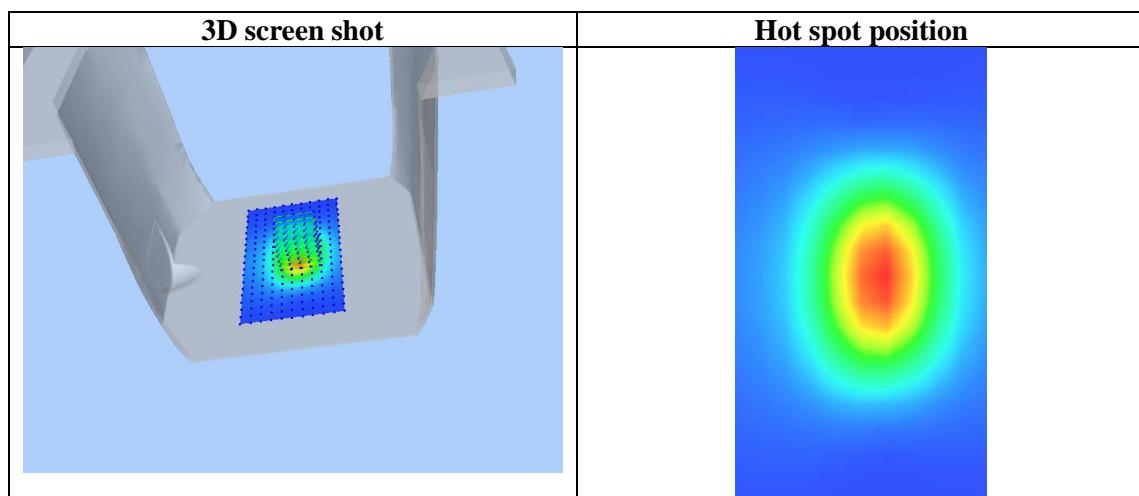
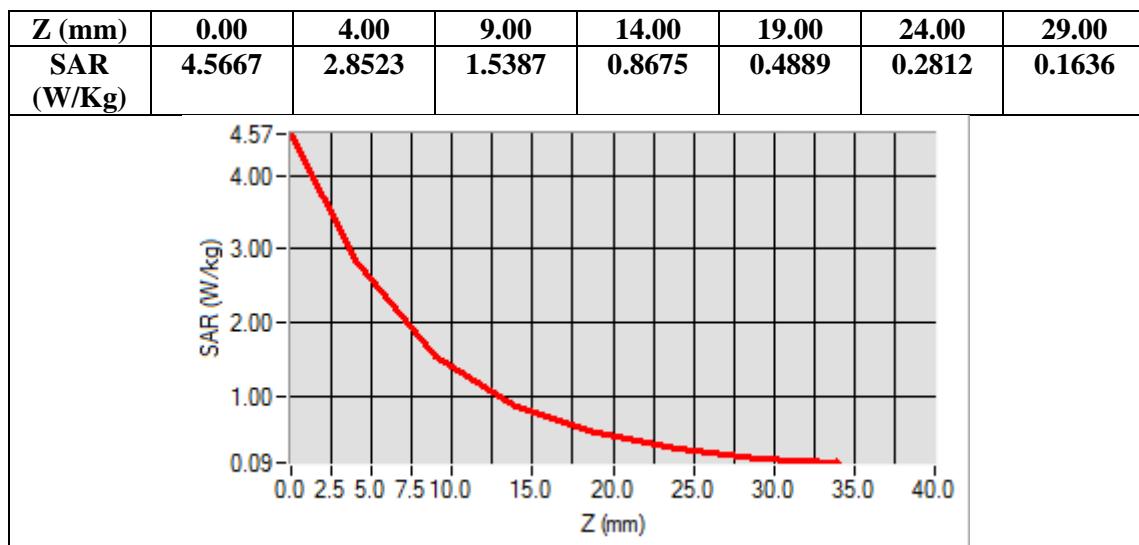
Configuration/System Check 1900MHz Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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
DUT: Dipole 1900 MHz; Type: SID 1900

Date: Sep. 11,2018

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

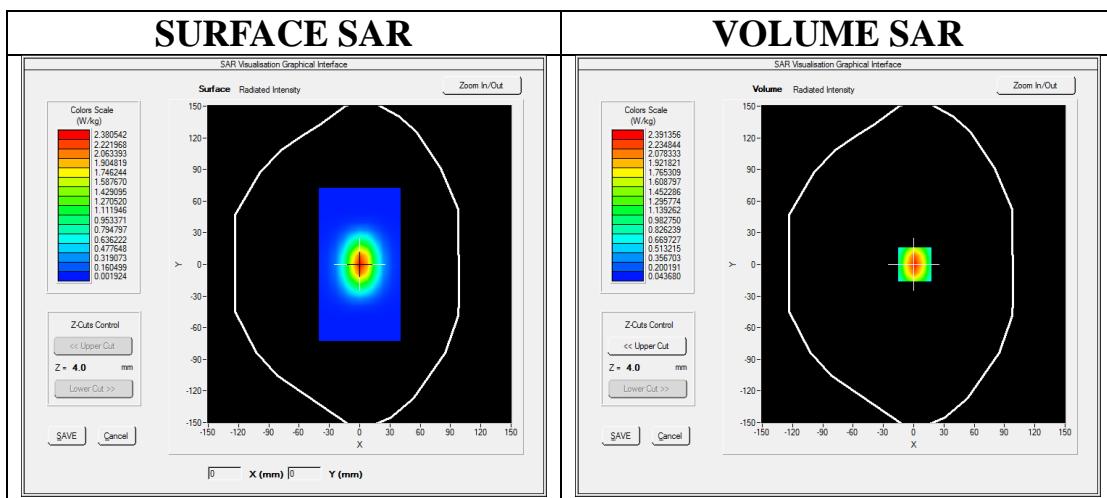
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

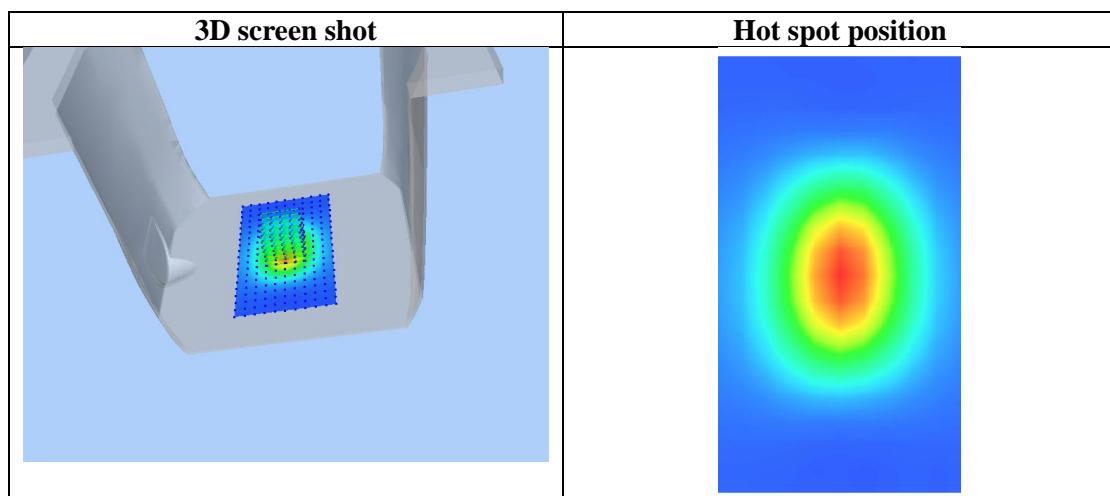
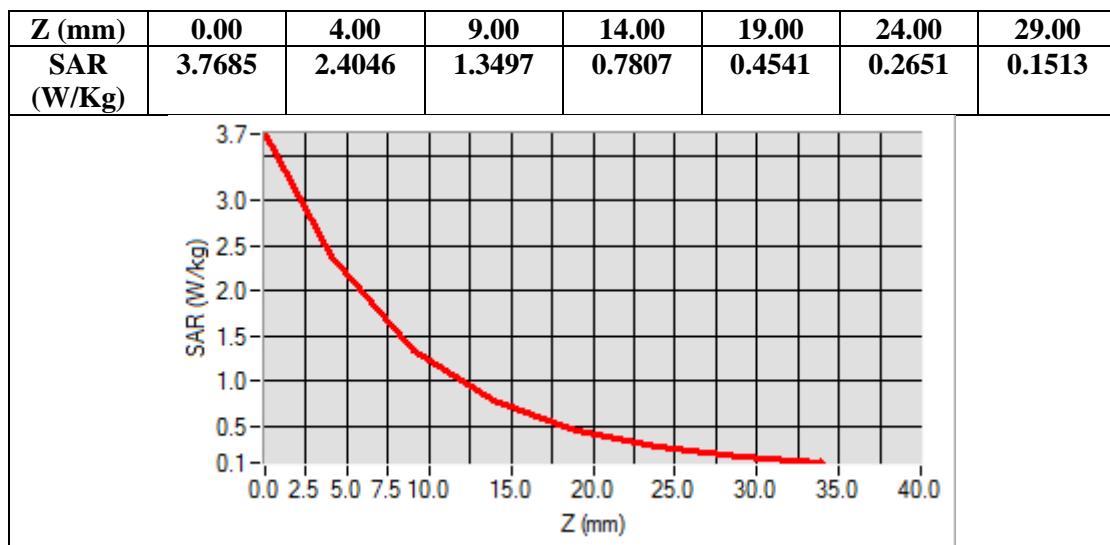
Configuration/System Check 1900MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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



Test Laboratory: AGC Lab
System Check Head 2450 MHz
DUT: Dipole 2450 MHz Type: SID 2450

Date: Sep. 27,2018

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

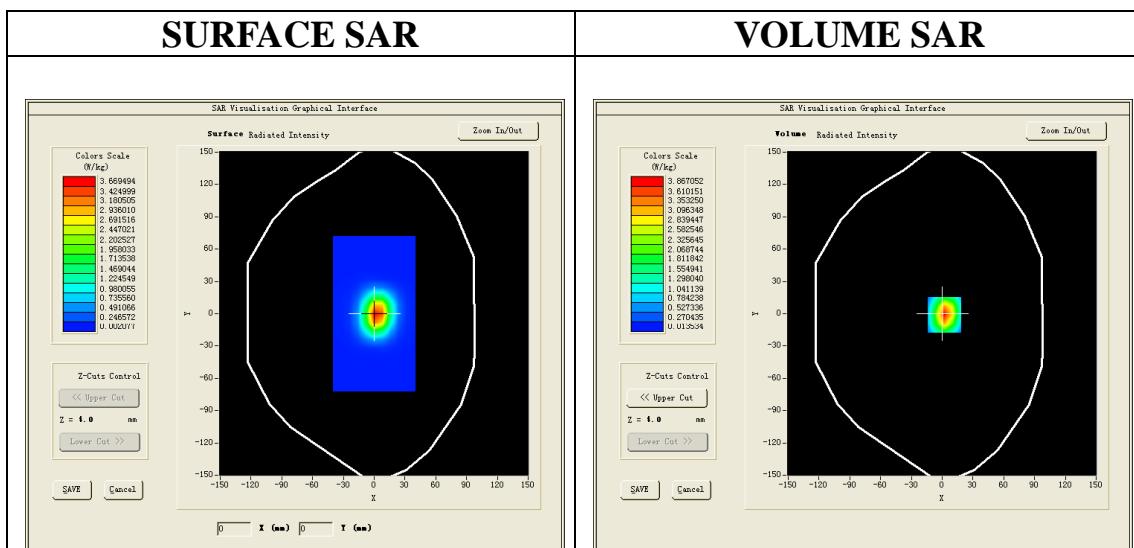
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

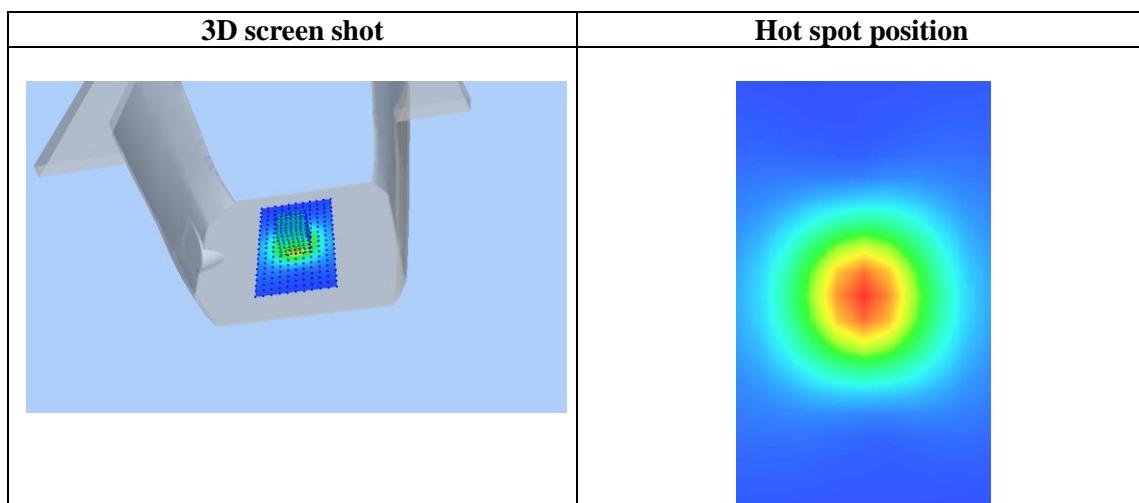
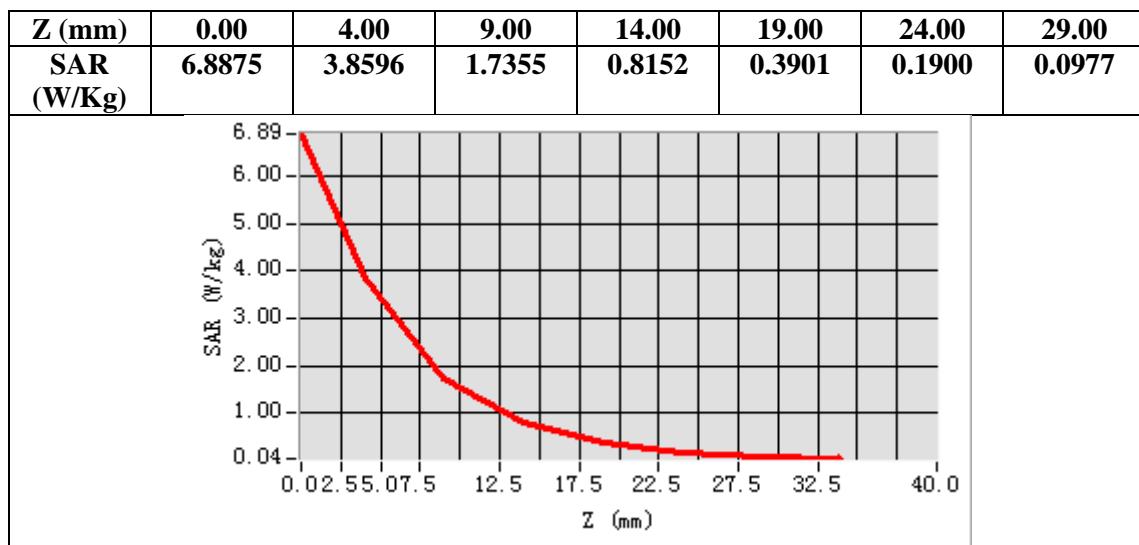
Configuration/System Check 2450MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm



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
DUT: Dipole 2450 MHz Type: SID 2450

Date: Sep. 27,2018

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

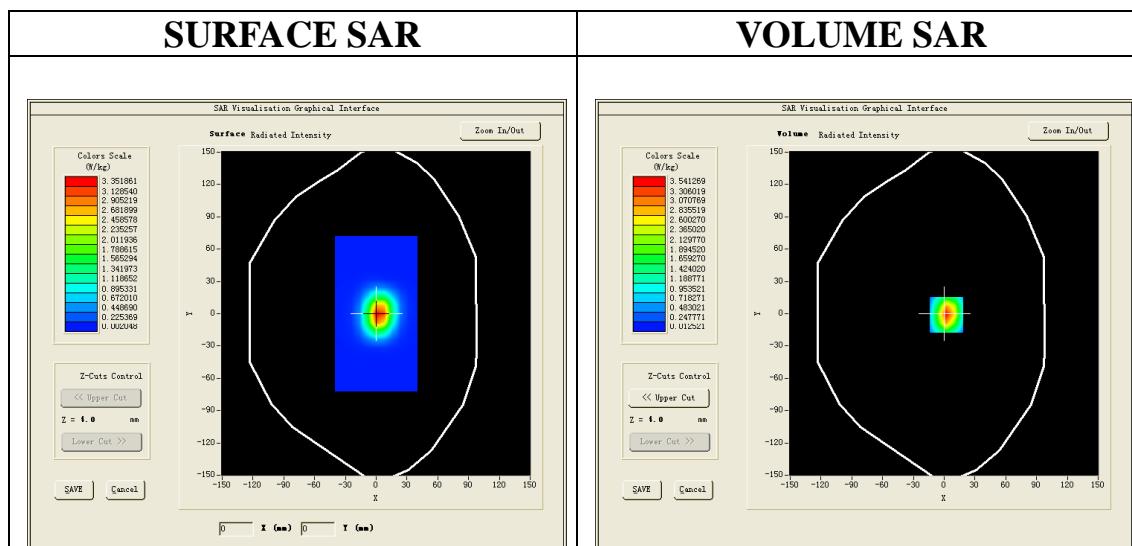
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

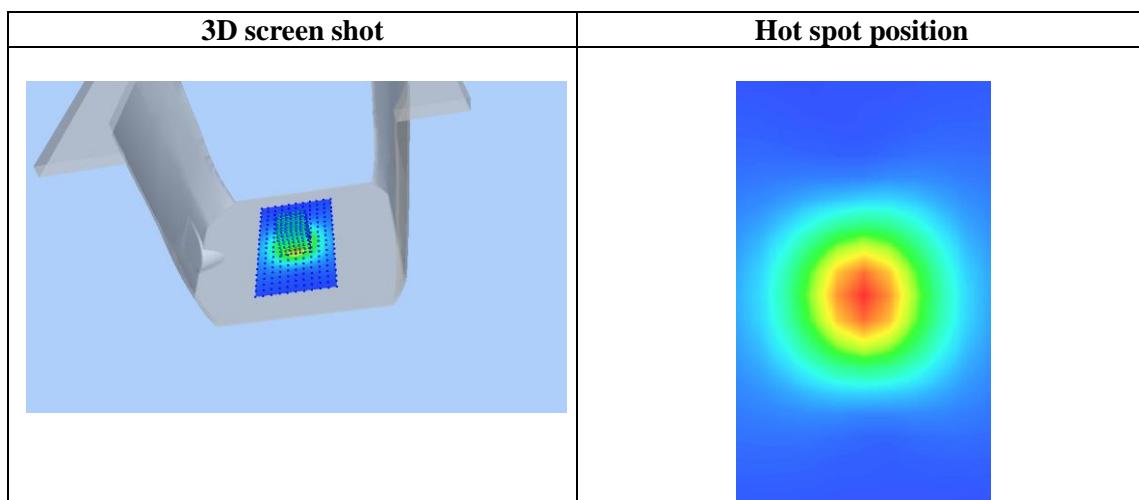
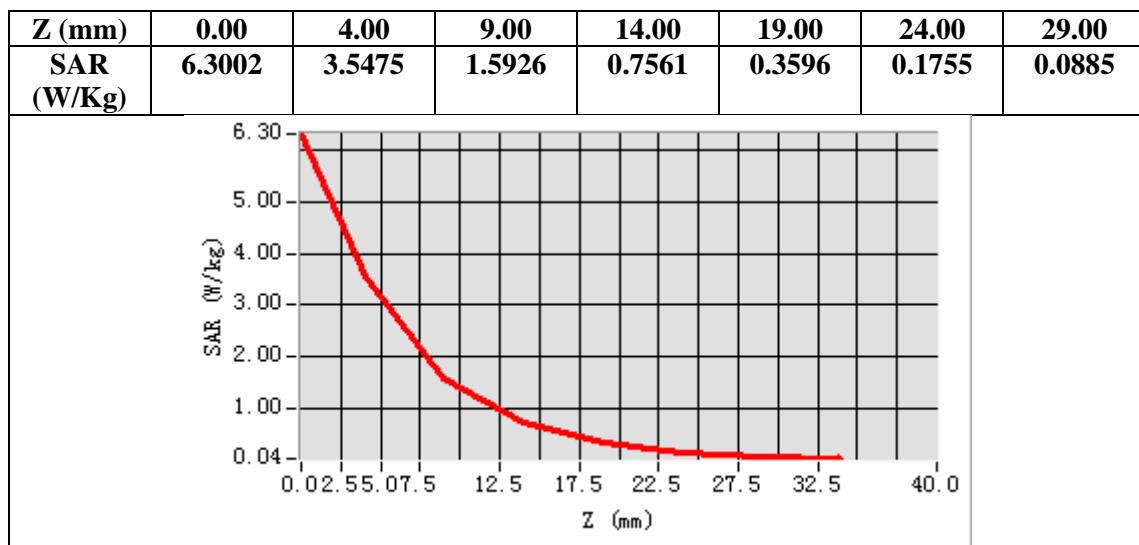
Configuration/System Check 2450MHz Body/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm



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
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=4.57
Frequency:2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma=1.92\text{mho/m}$; $\epsilon_r =39.44$; $\rho= 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 22.2, Liquid temperature ($^{\circ}\text{C}$): 21.6

SATIMO Configuration:

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

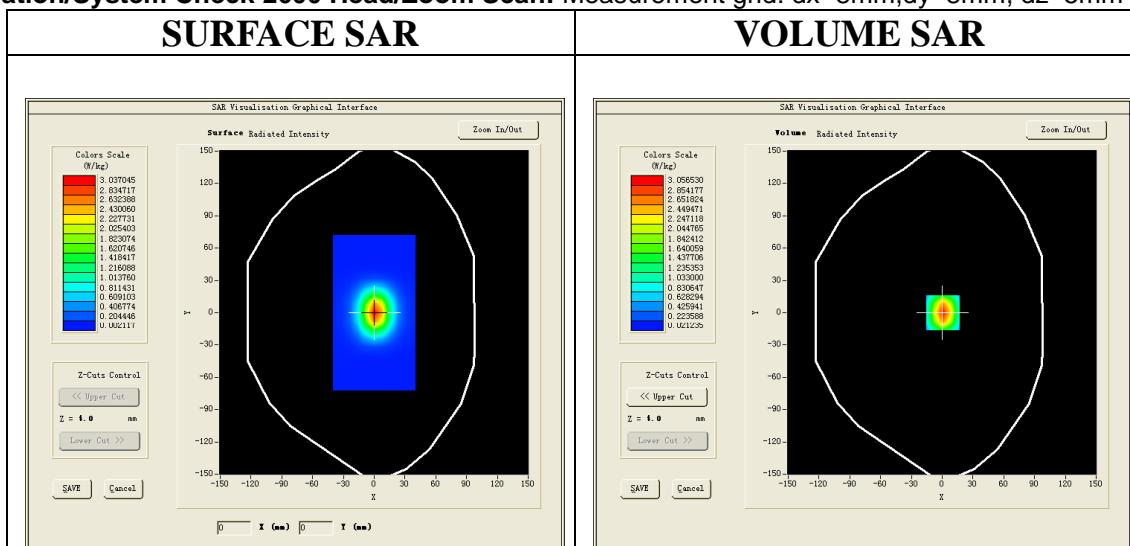
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

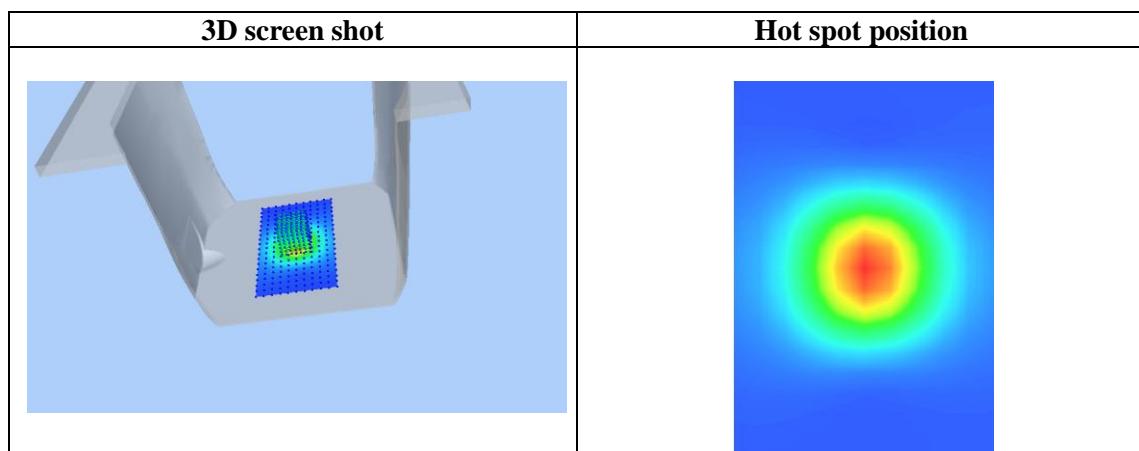
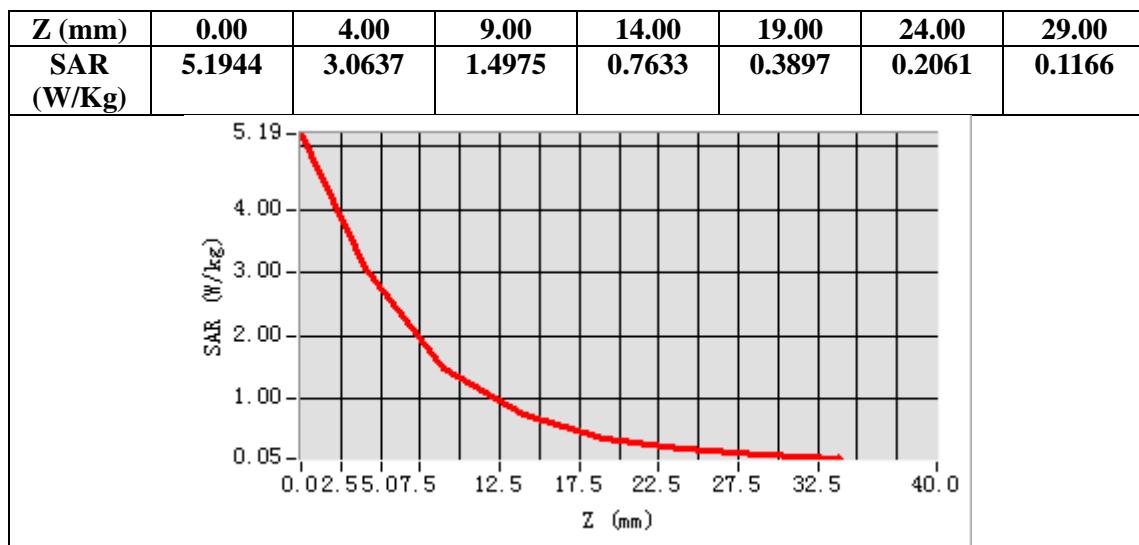
Configuration/System Check 2600 Head/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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; $\sigma = 2.12 \text{ mho/m}$; $\epsilon_r = 52.46$; $\rho = 1000 \text{ kg/m}^3$;
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

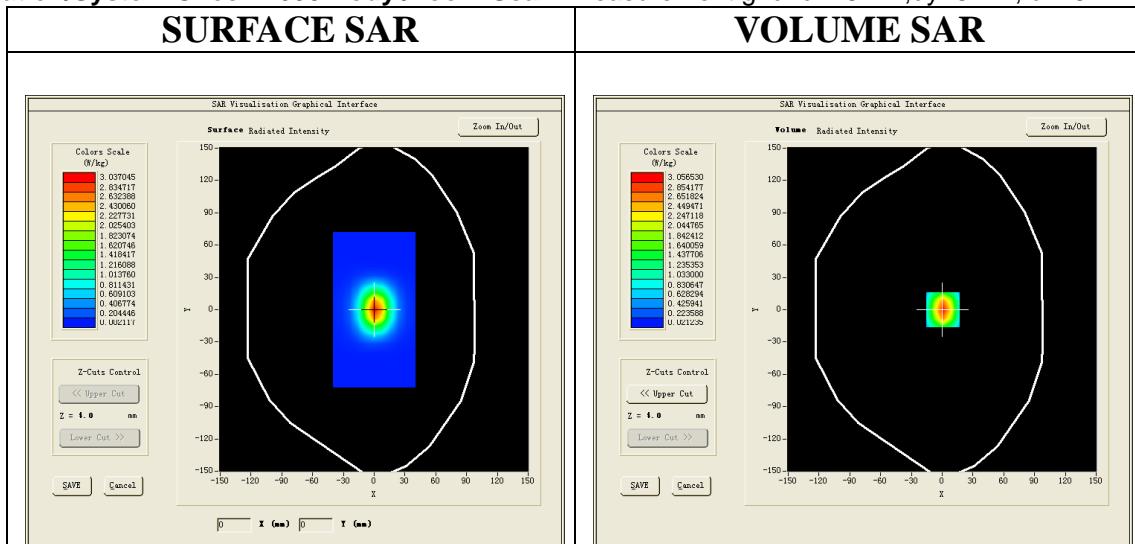
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

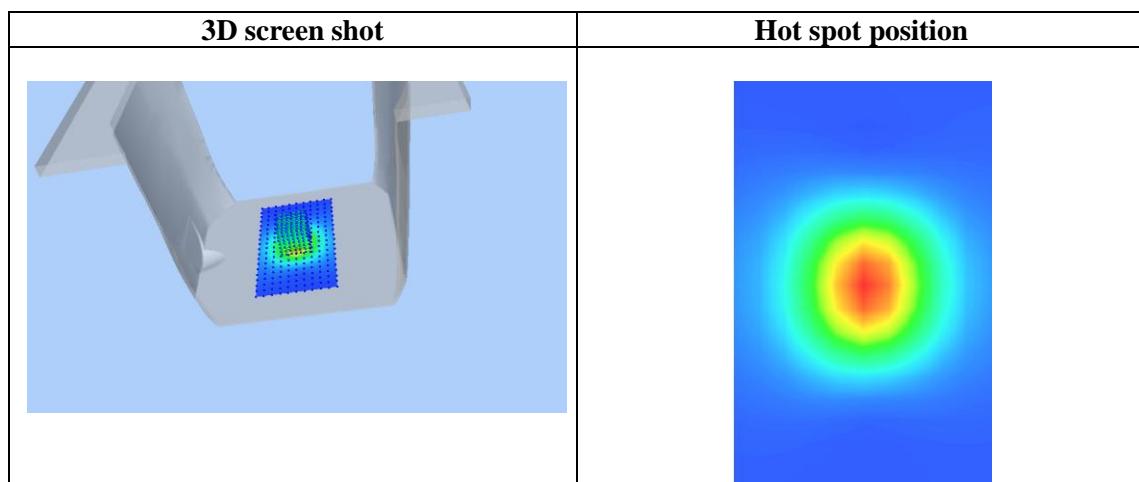
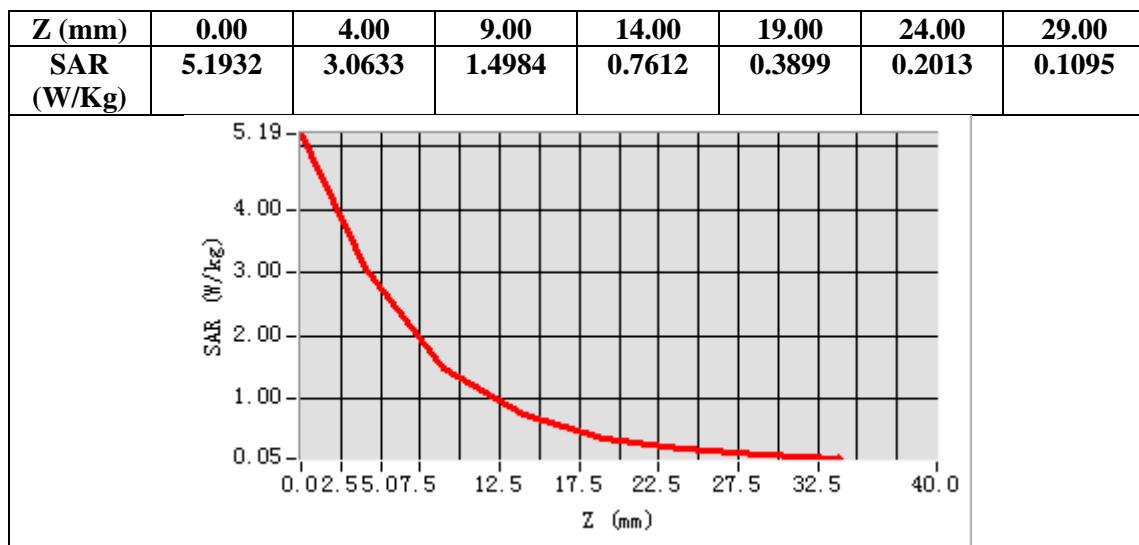
Configuration/System Check 2600 Body /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm



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)

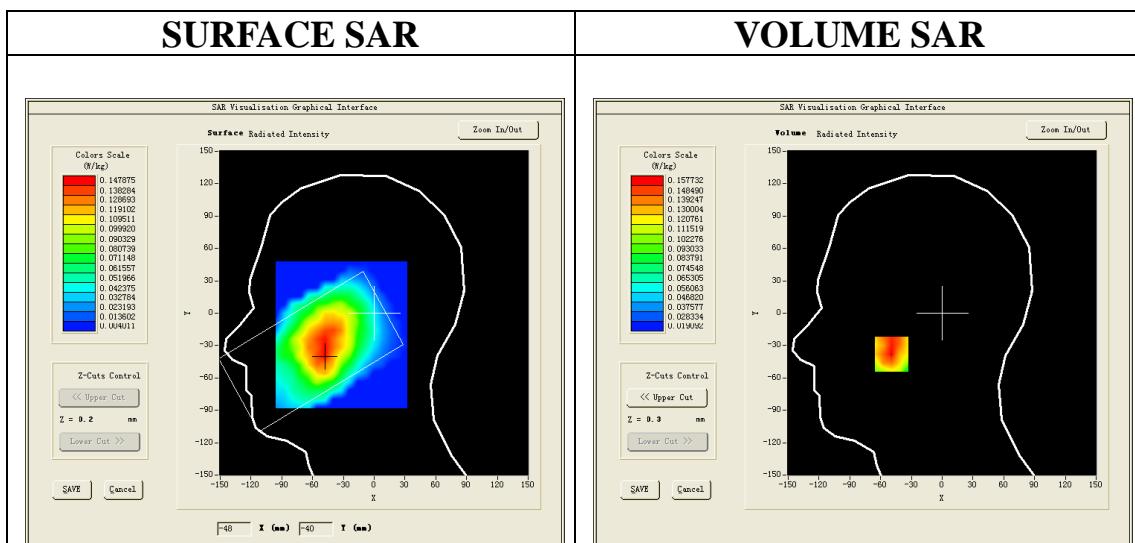
Phantom: SAM twin phantom

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;

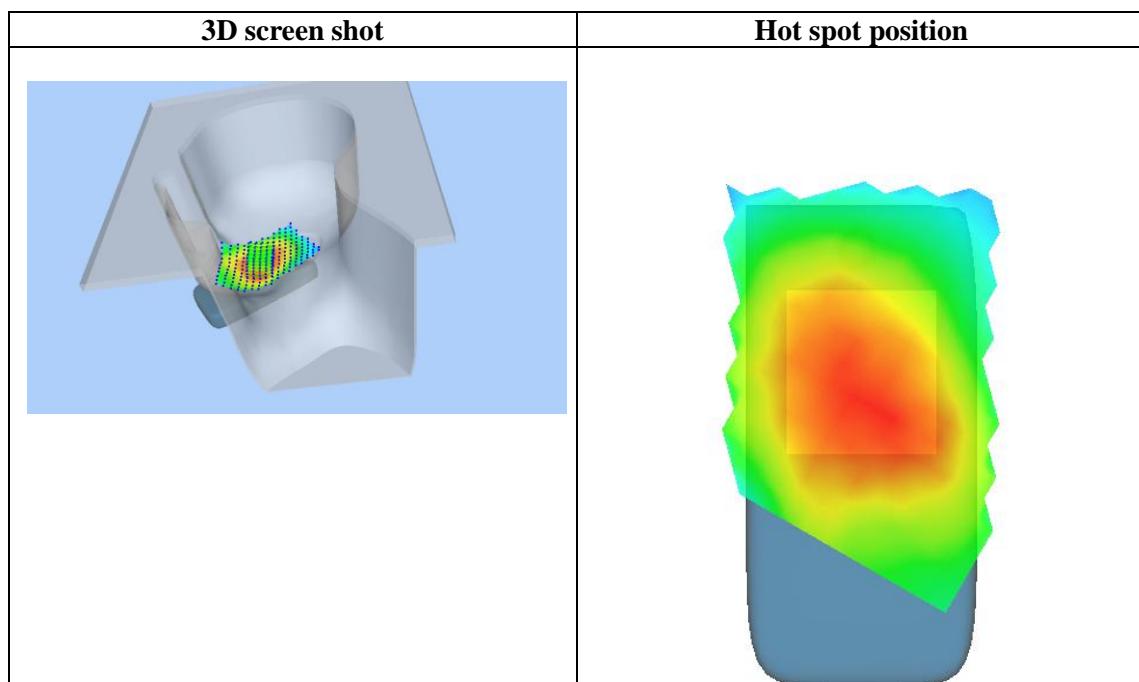
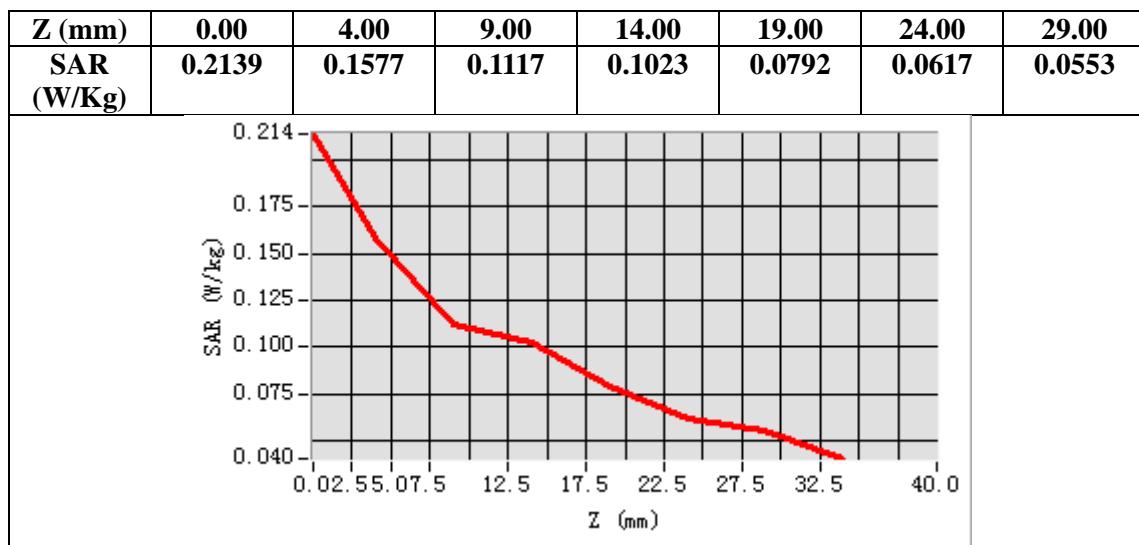
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



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)

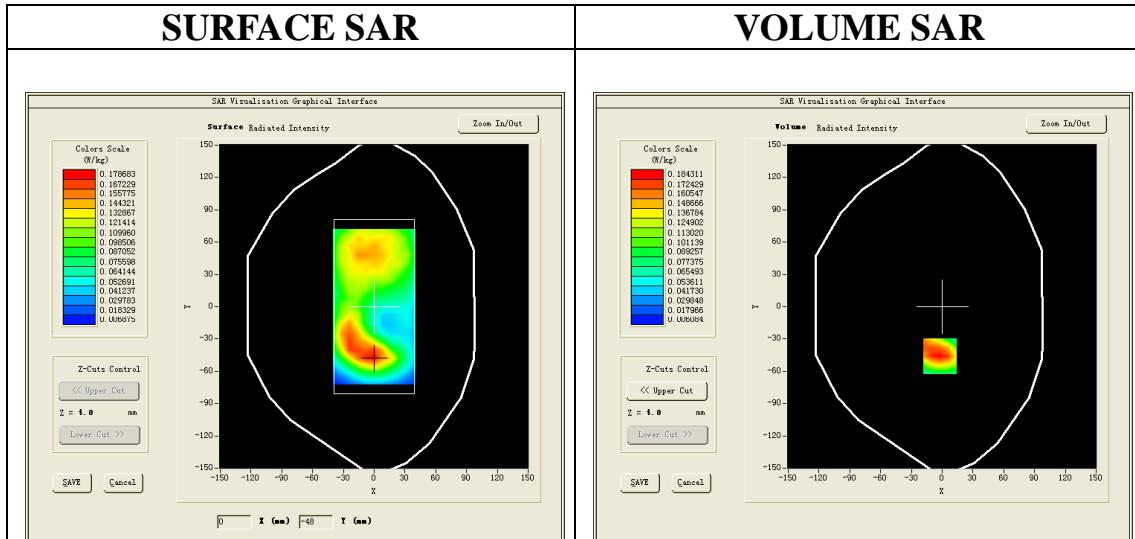
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

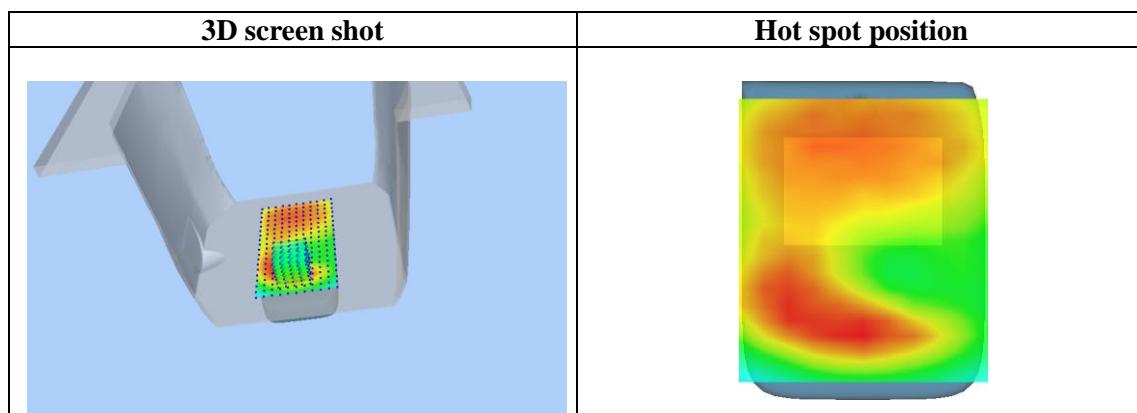
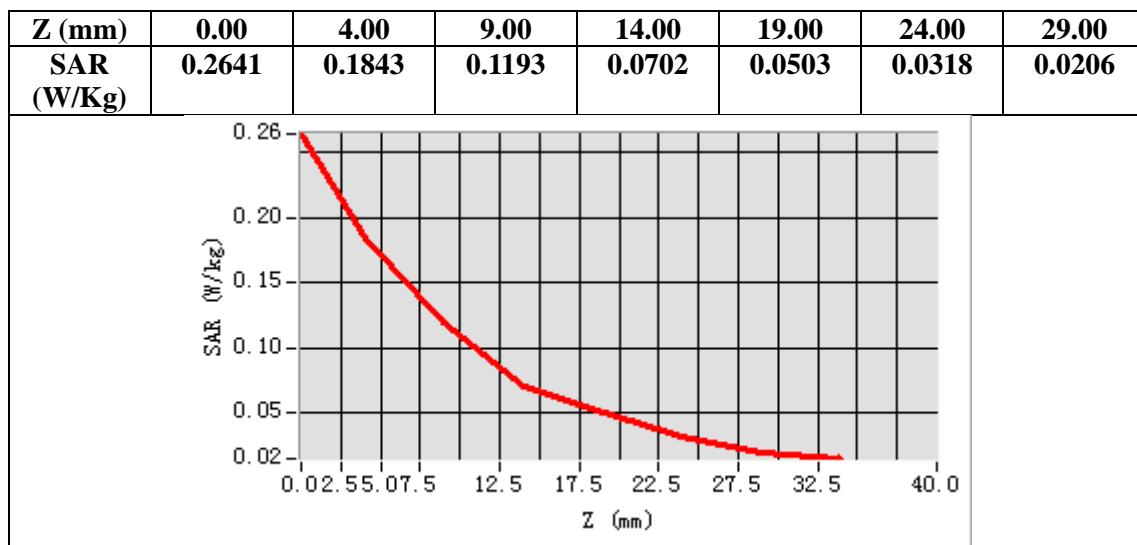
Configuration/GSM 850 Mid-Body- Front Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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)

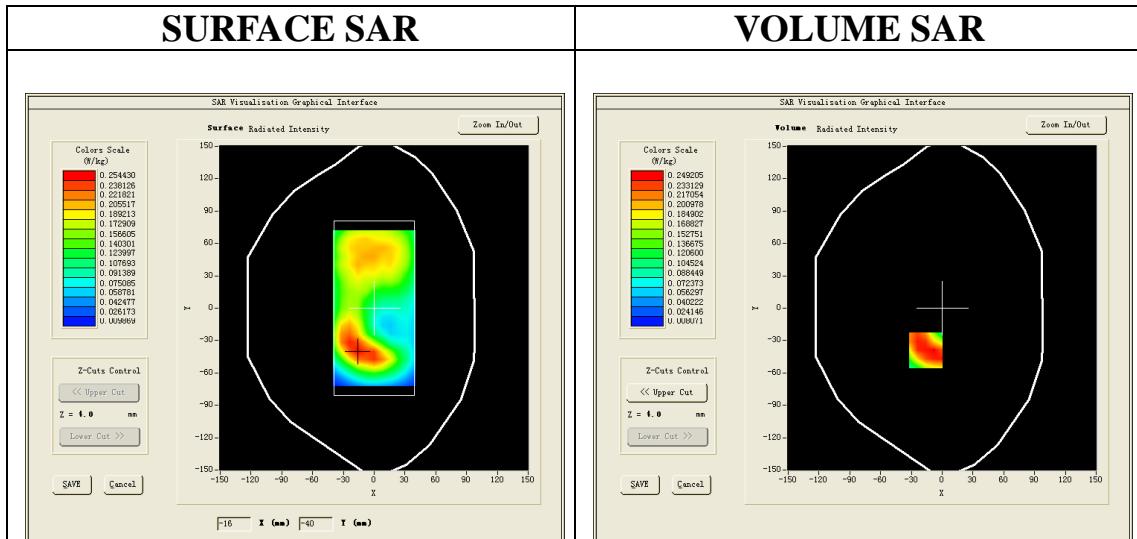
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

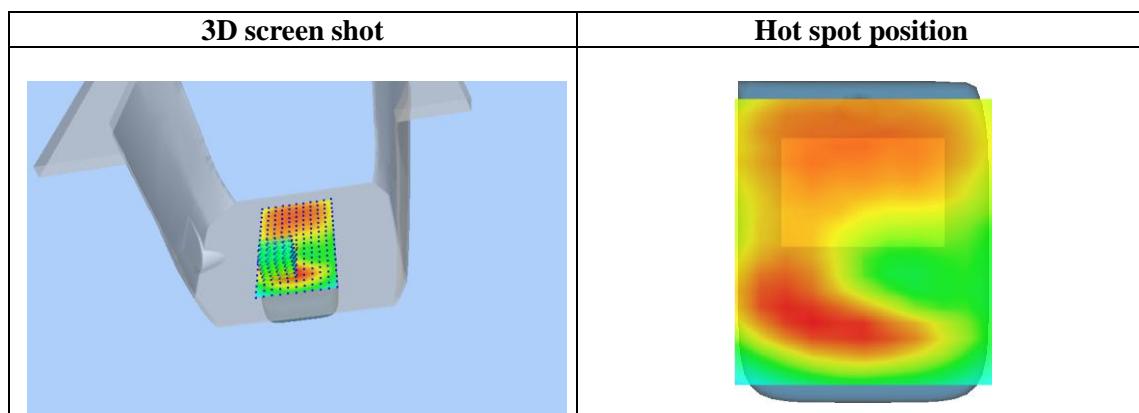
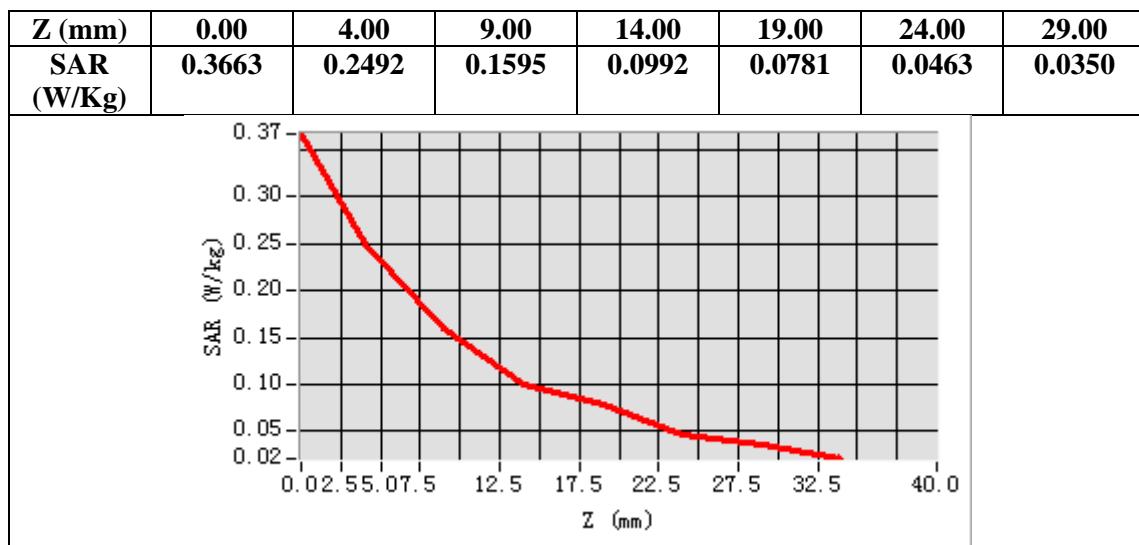
Configuration/GPRS 850 Mid-Body-Front/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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)

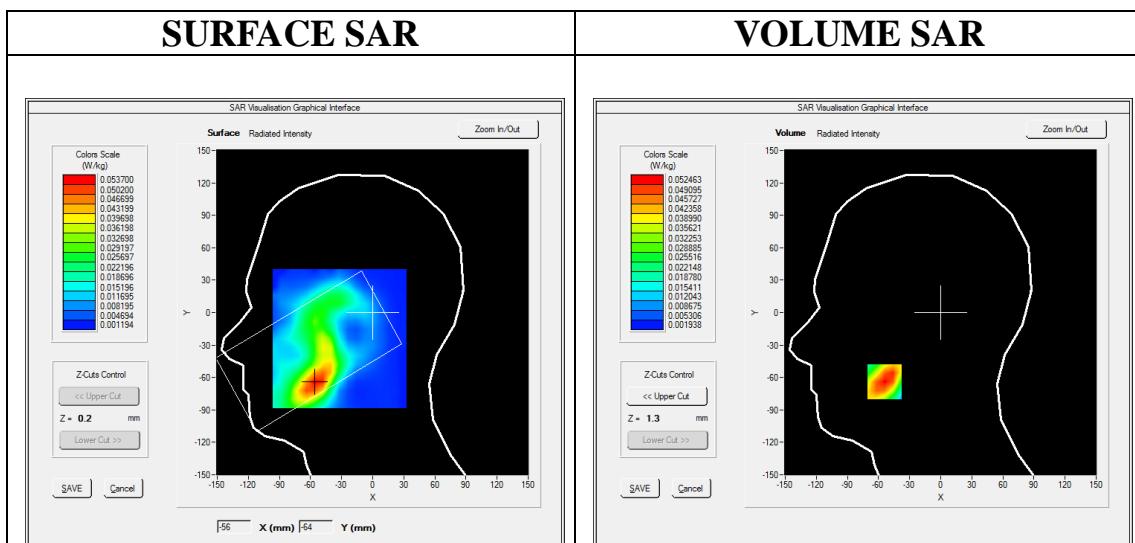
Phantom: SAM twin phantom

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;

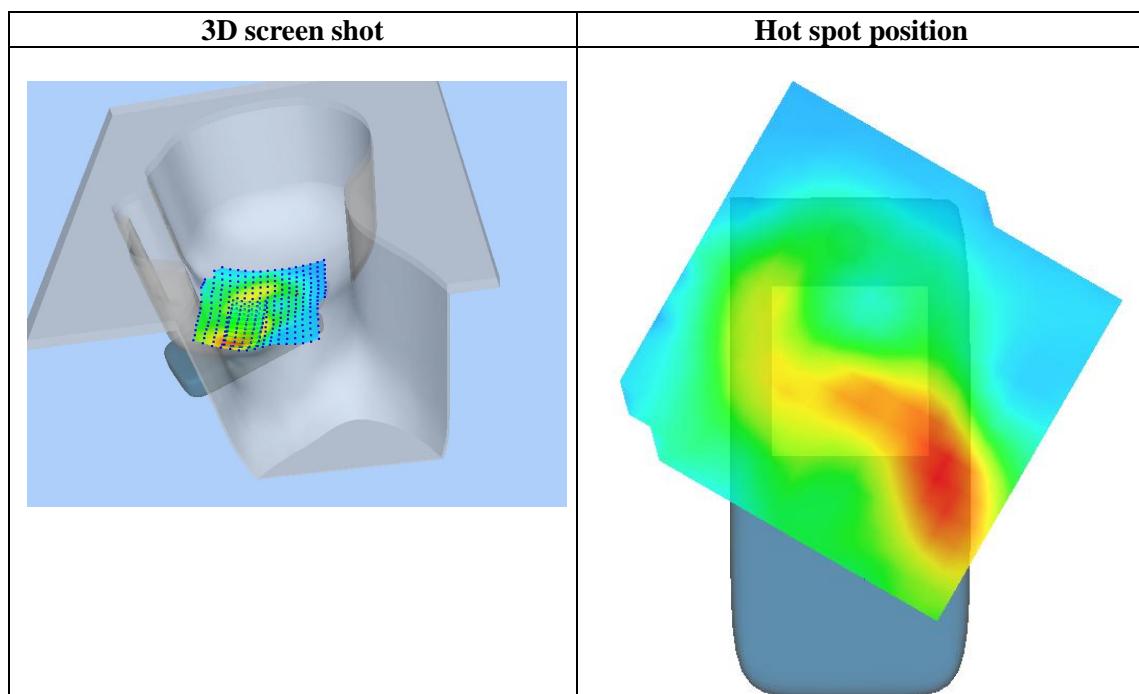
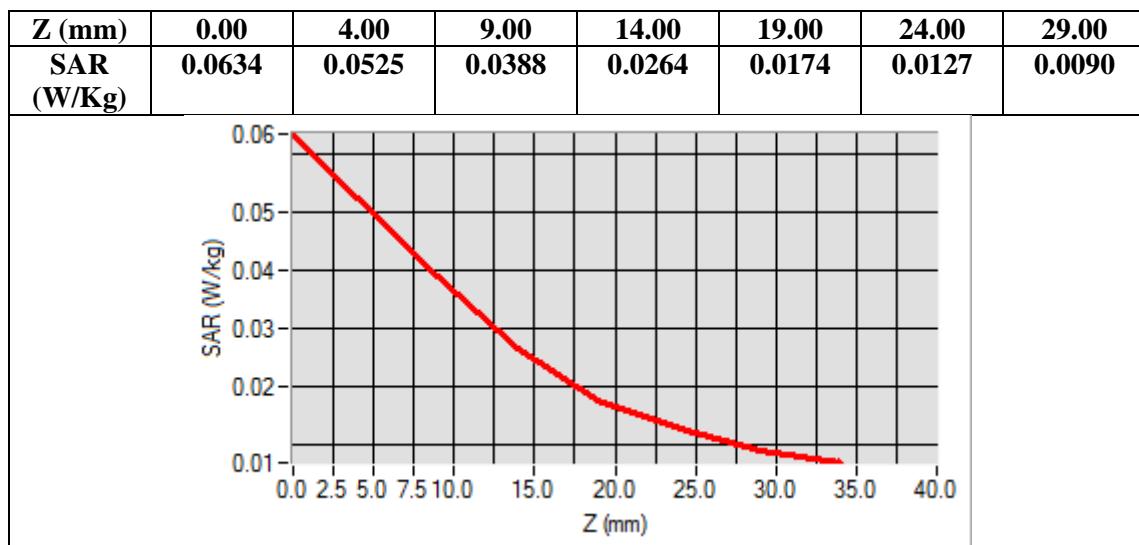
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



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)

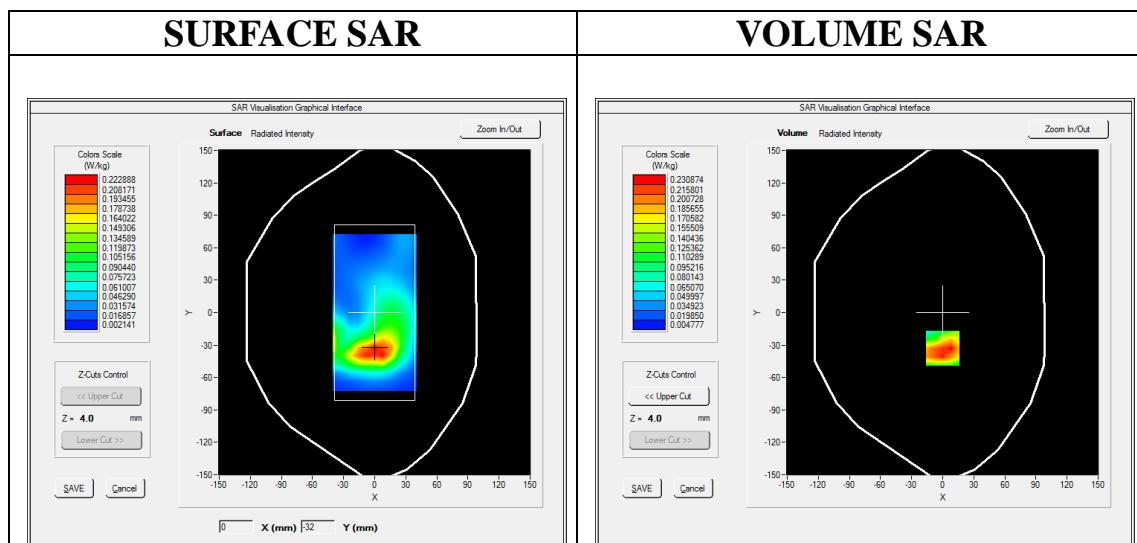
Phantom: SAM twin phantom

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;

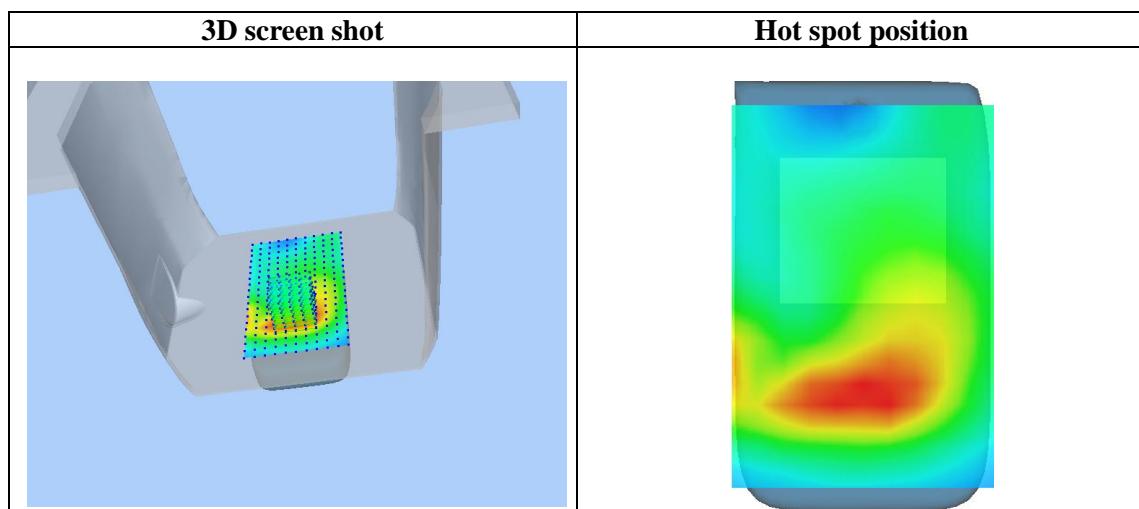
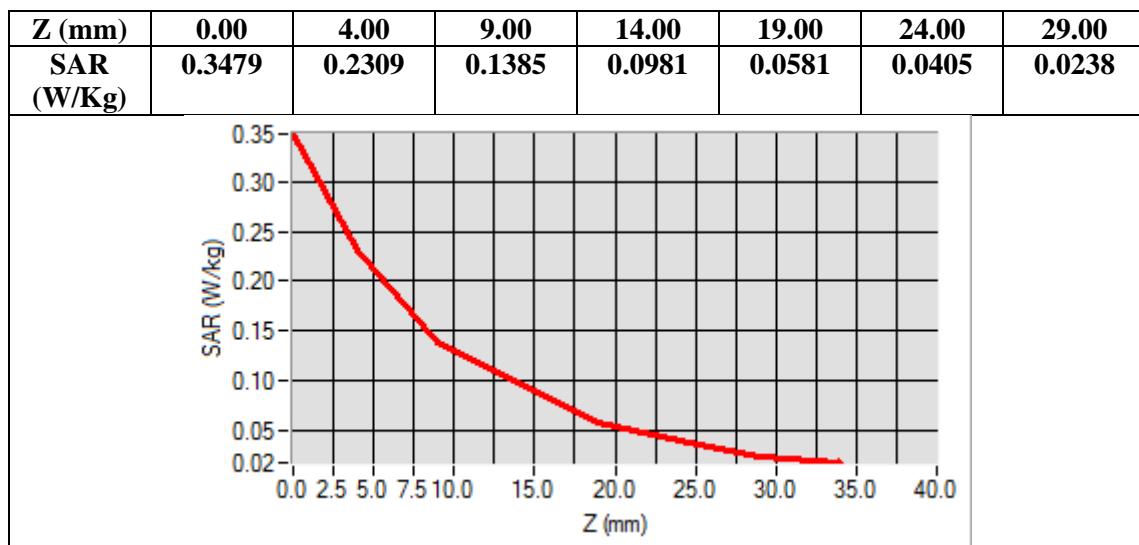
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Front
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



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)

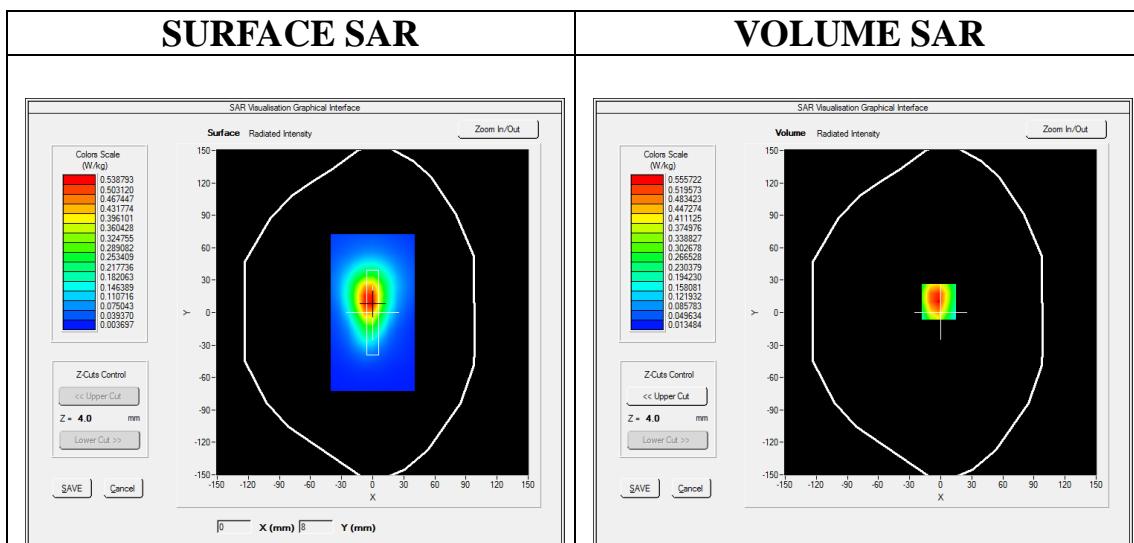
Phantom: SAM twin phantom

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;

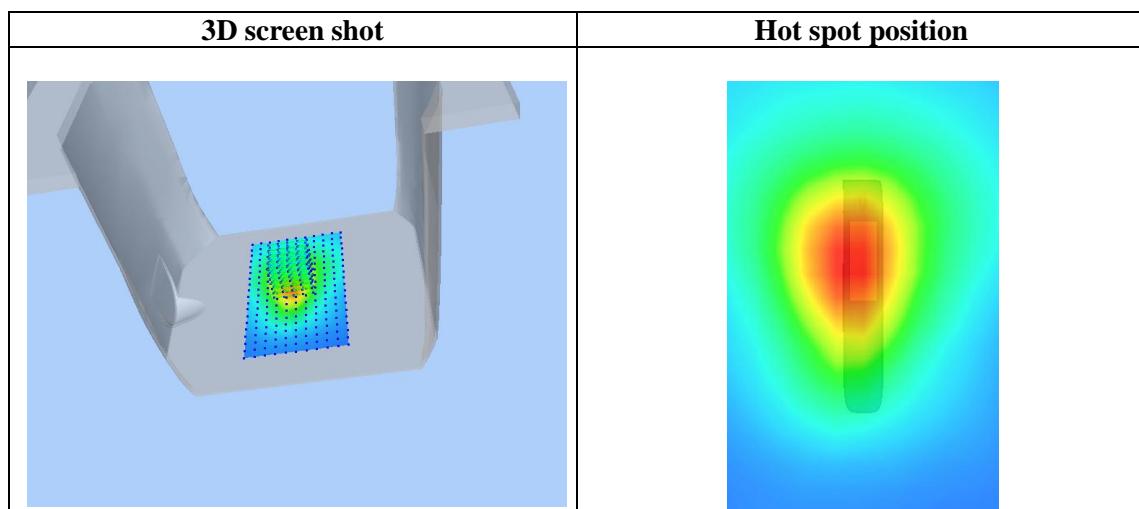
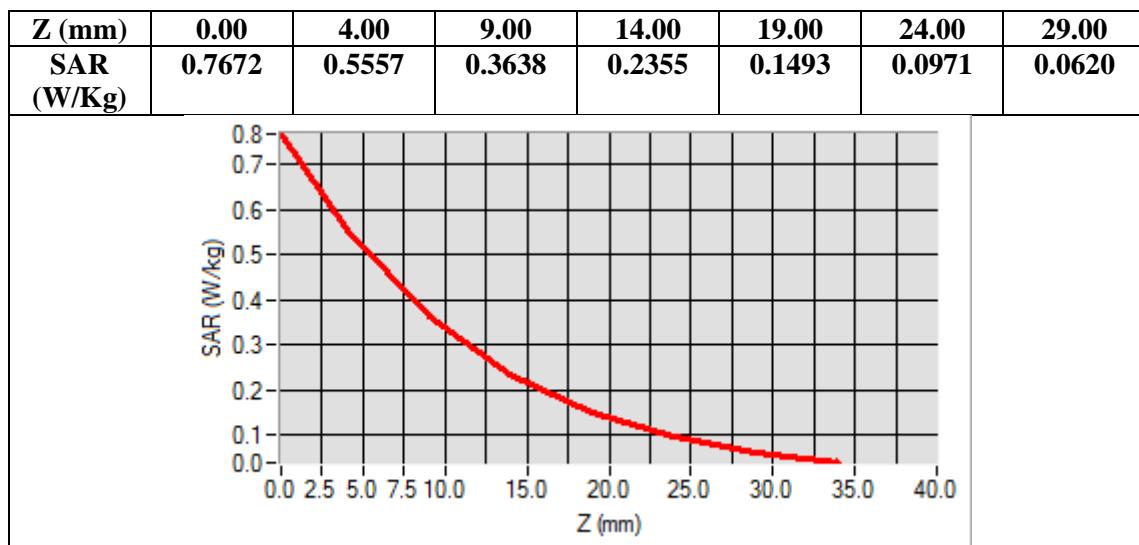
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge 3
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 2.0)



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



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: $f = 1850 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 40.89$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Right Section
Ambient temperature ($^{\circ}\text{C}$): 22.5, Liquid temperature ($^{\circ}\text{C}$): 22.1

SATIMO Configuration:

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

Sensor-Surface: 4mm (Mechanical Surface Detection)

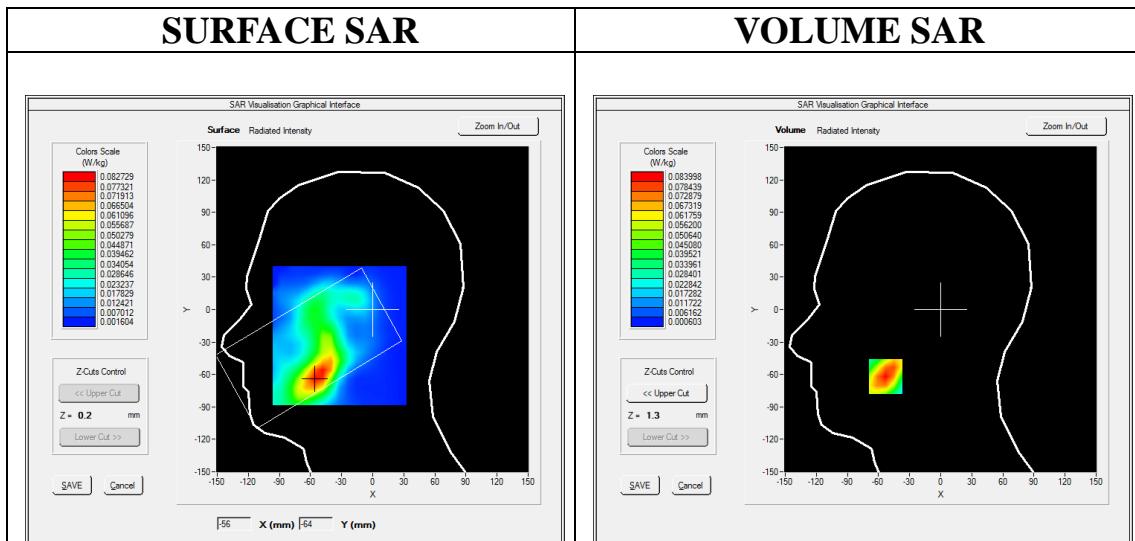
Phantom: SAM twin phantom

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;

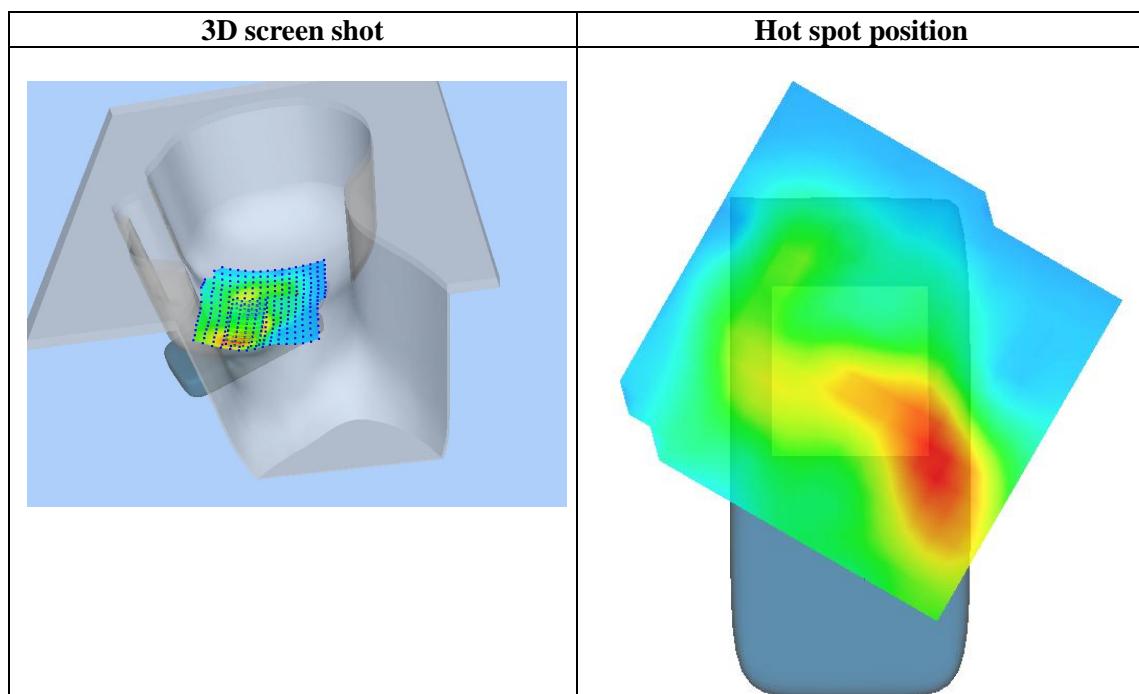
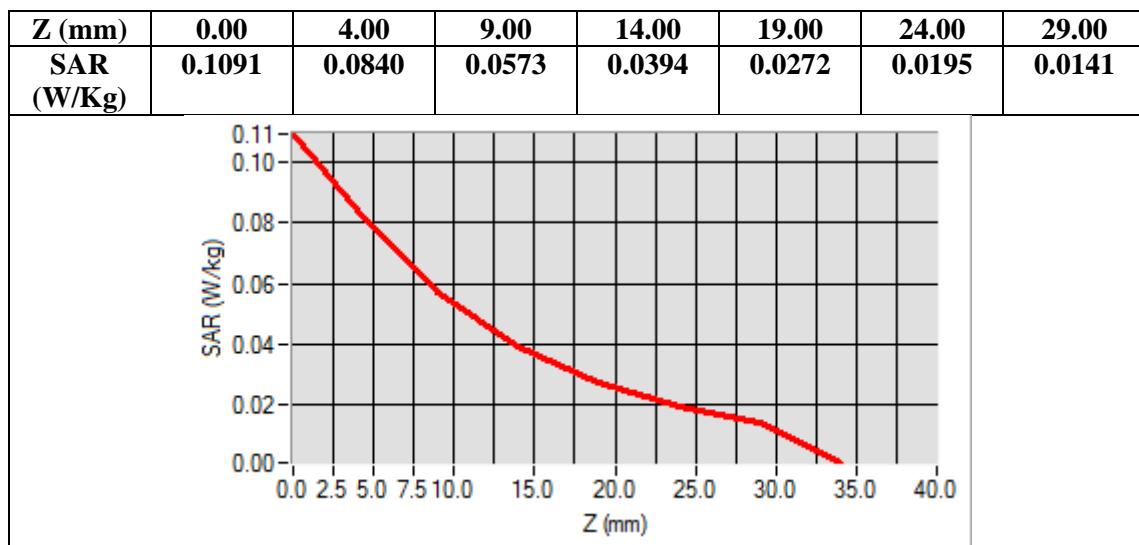
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



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: $f = 1850 \text{ MHz}$; $\sigma = 1.50 \text{ mho/m}$; $\epsilon_r = 52.96$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 22.5, Liquid temperature ($^{\circ}\text{C}$): 22.3

SATIMO Configuration:

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

Sensor-Surface: 4mm (Mechanical Surface Detection)

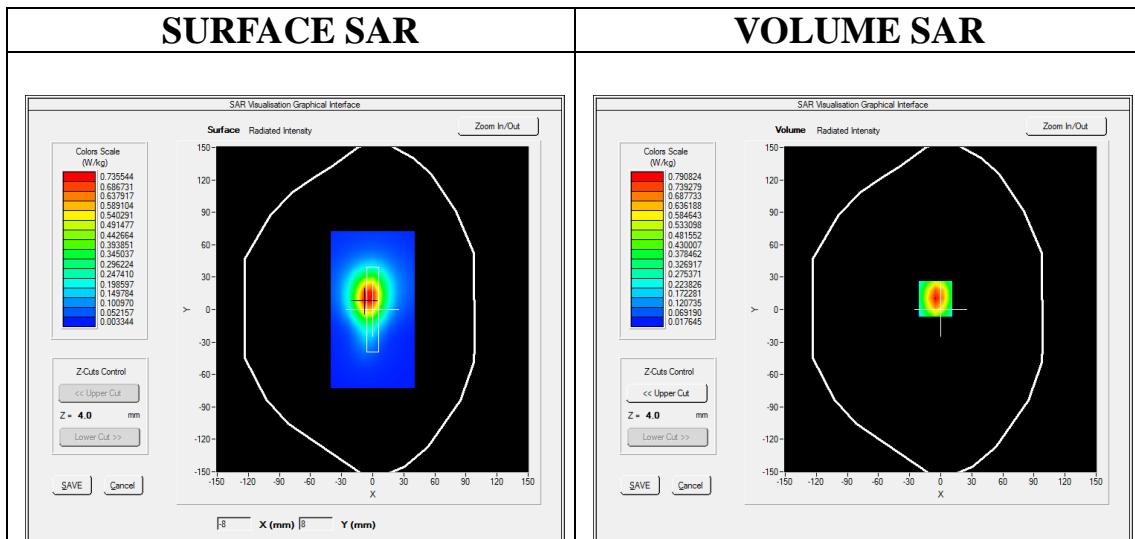
Phantom: SAM twin phantom

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;

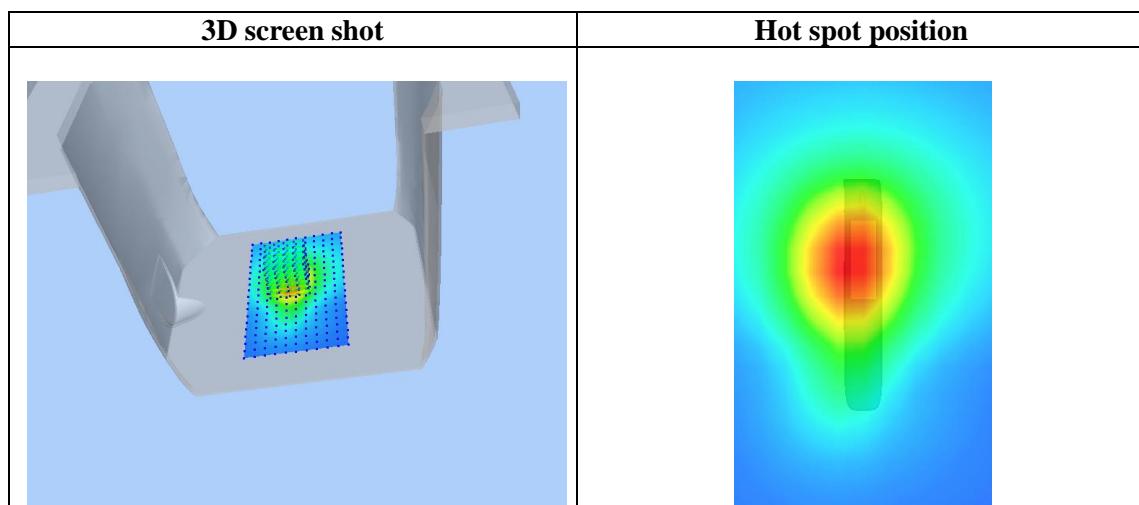
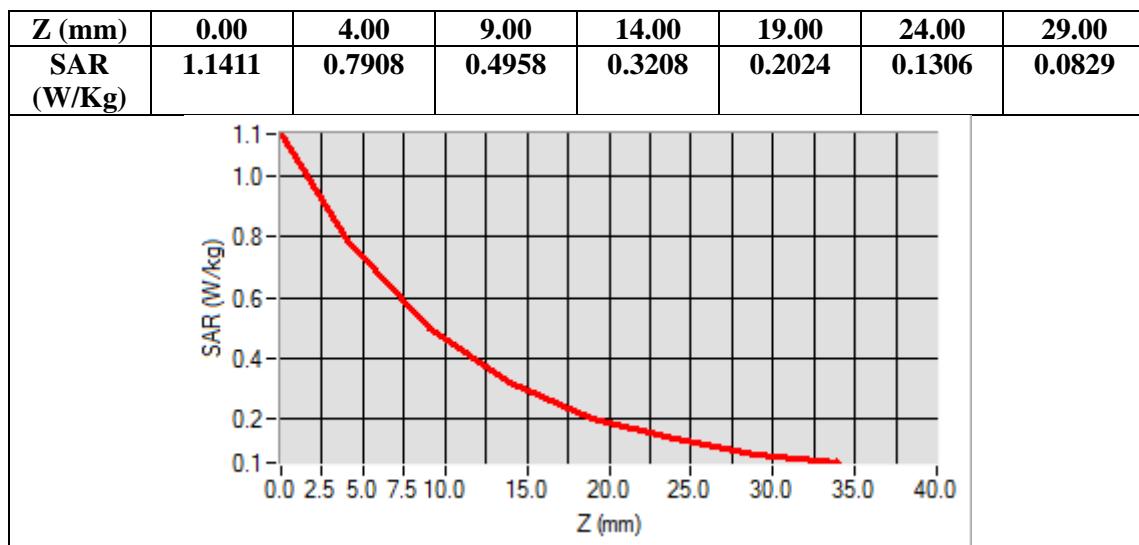
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge 3
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



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)

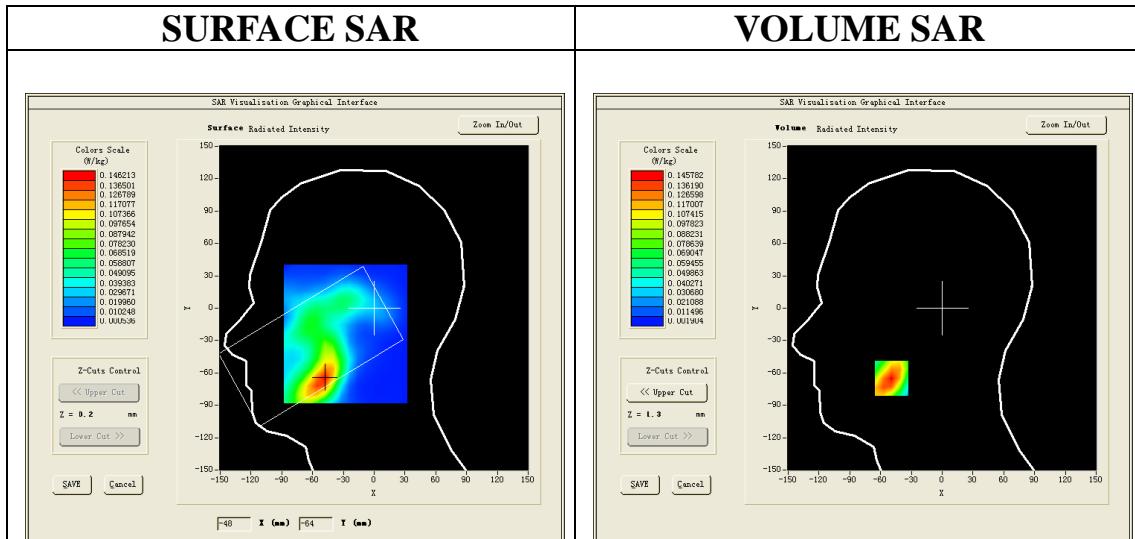
Phantom: SAM twin phantom

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

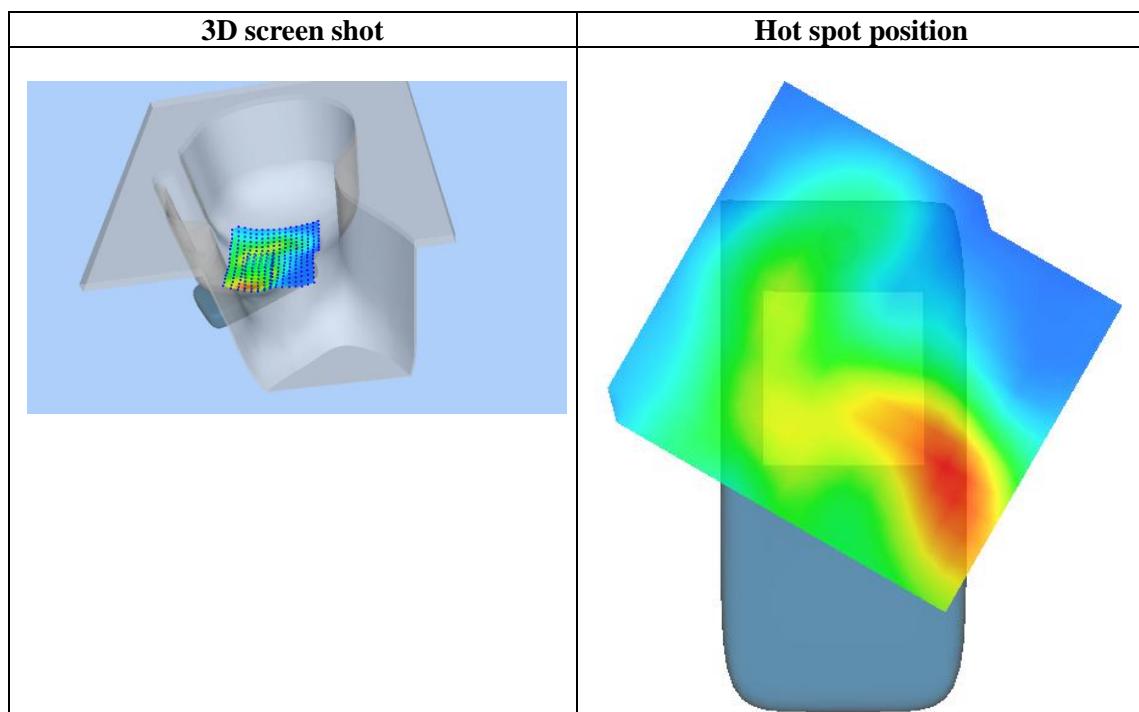
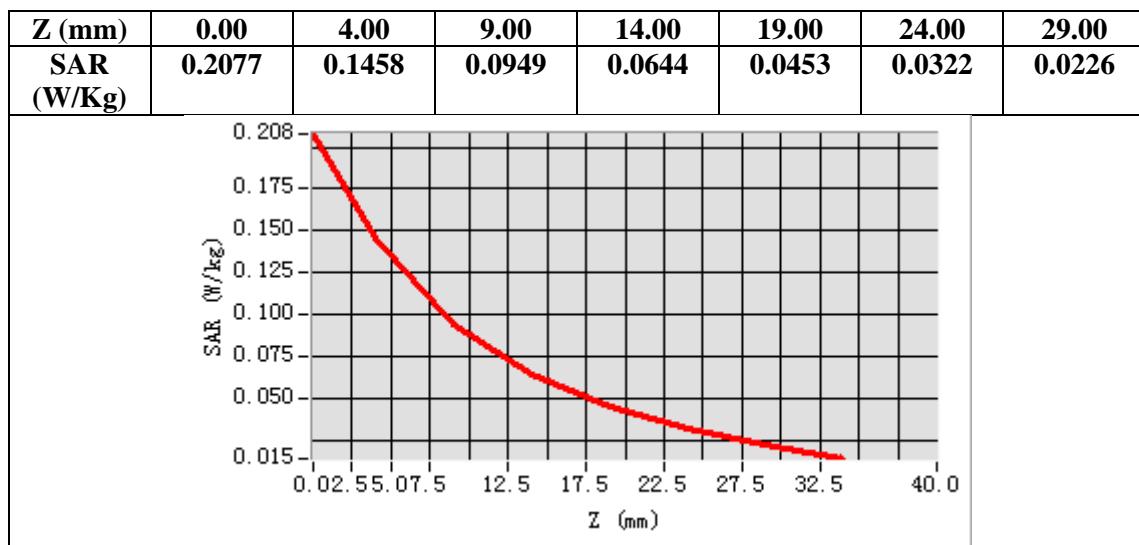
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



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)

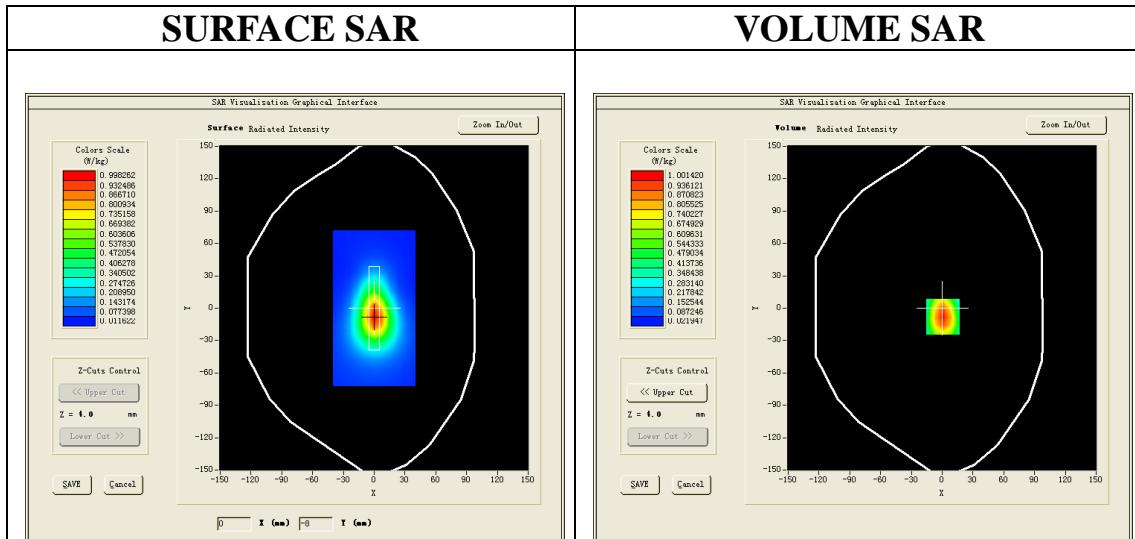
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

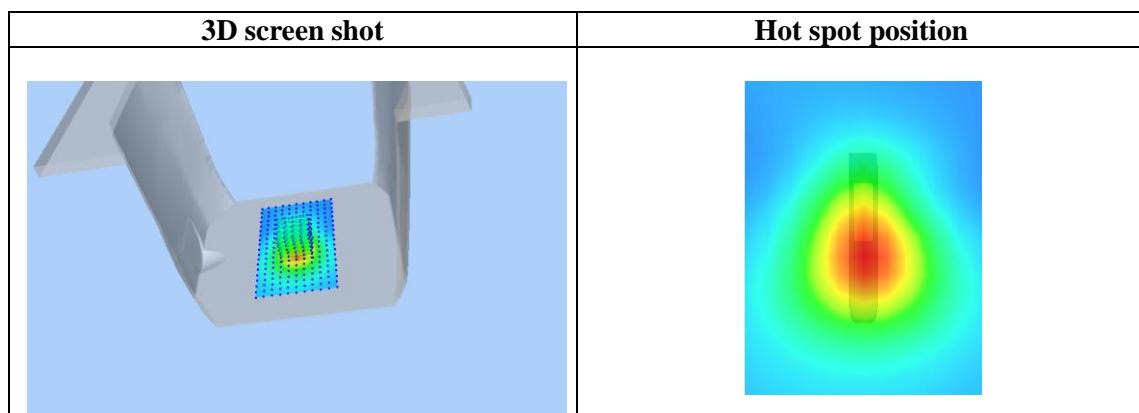
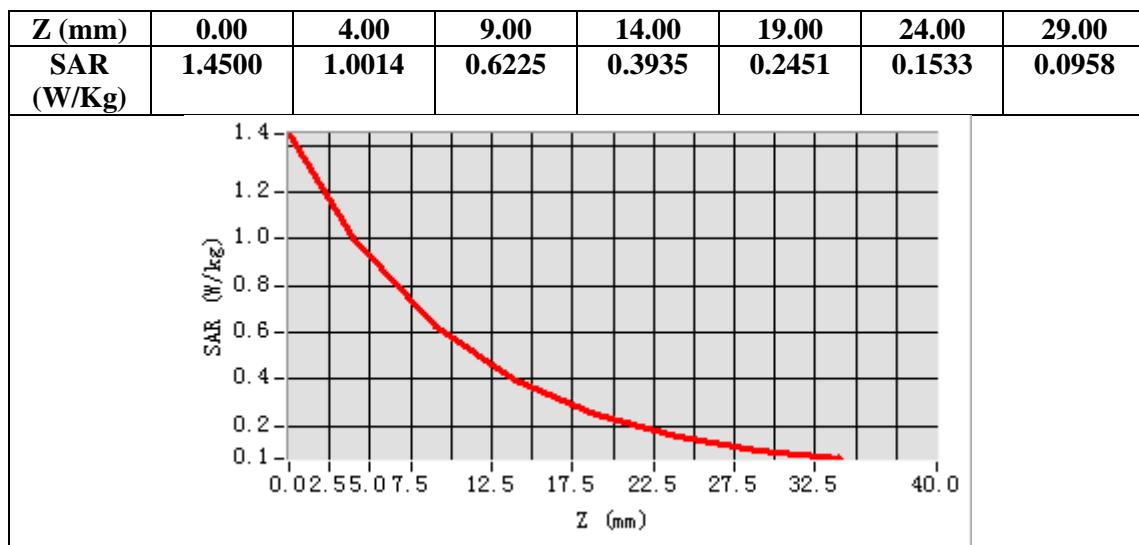
Configuration/ WCDMA Band IV High- Edge3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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)

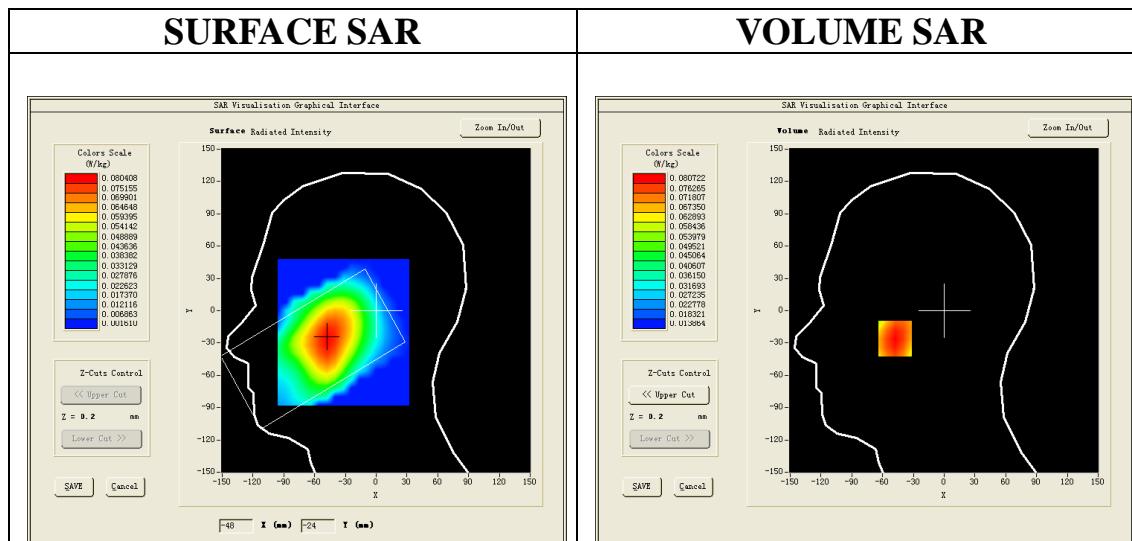
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

Configuration/ WCDMA Band V Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm, h= 5.00 mm

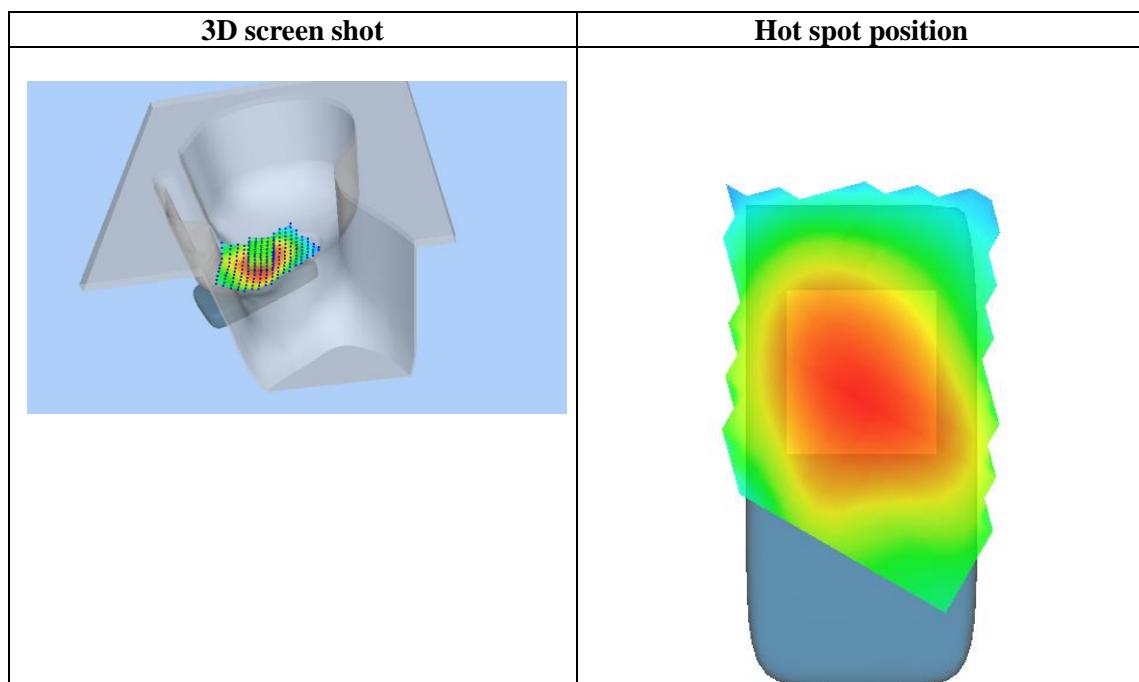
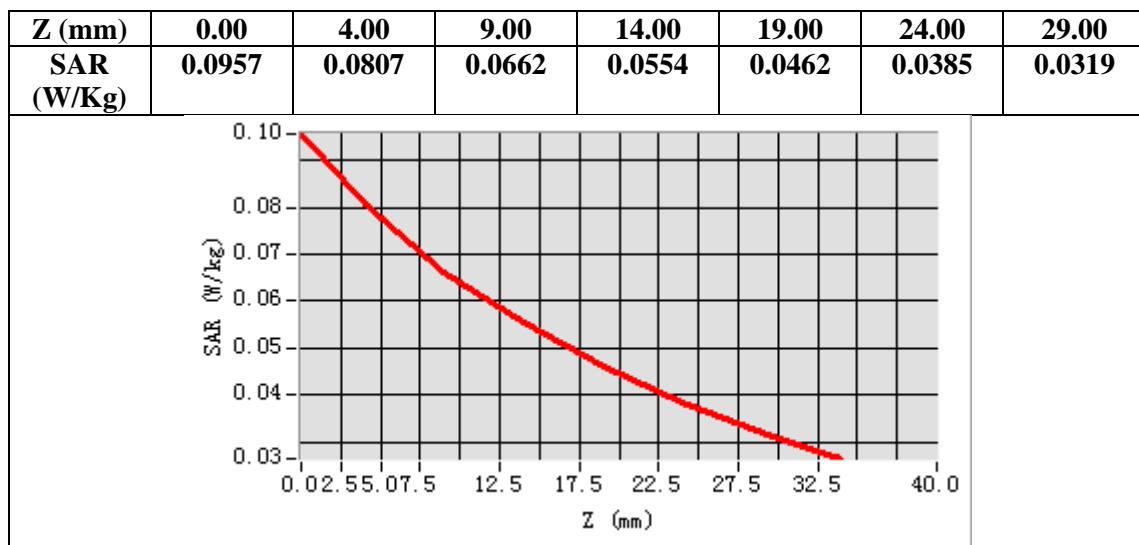
Configuration/ WCDMA Band V Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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=-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)

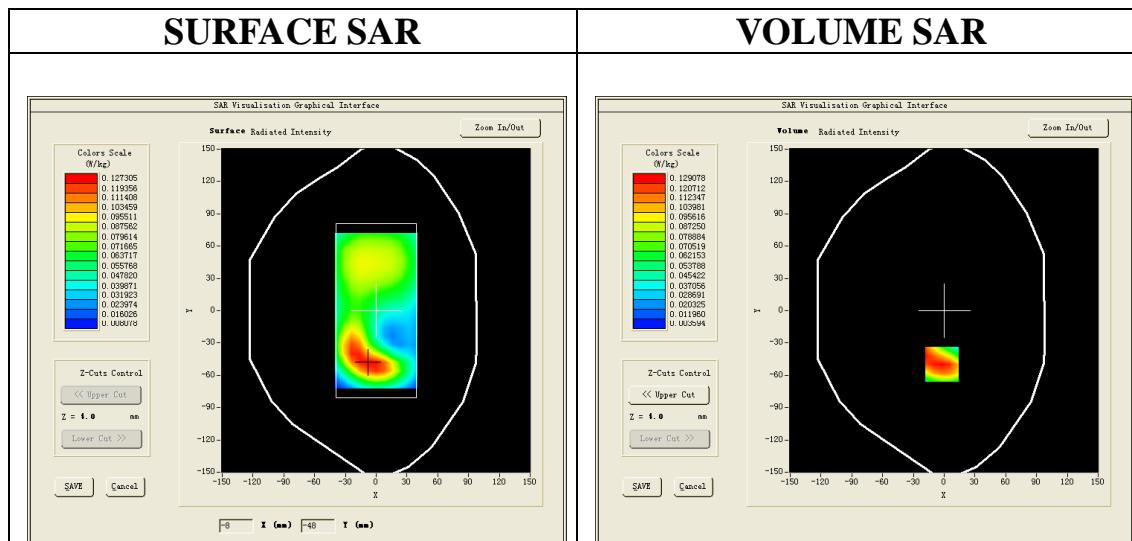
Phantom: SAM twin phantom

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;

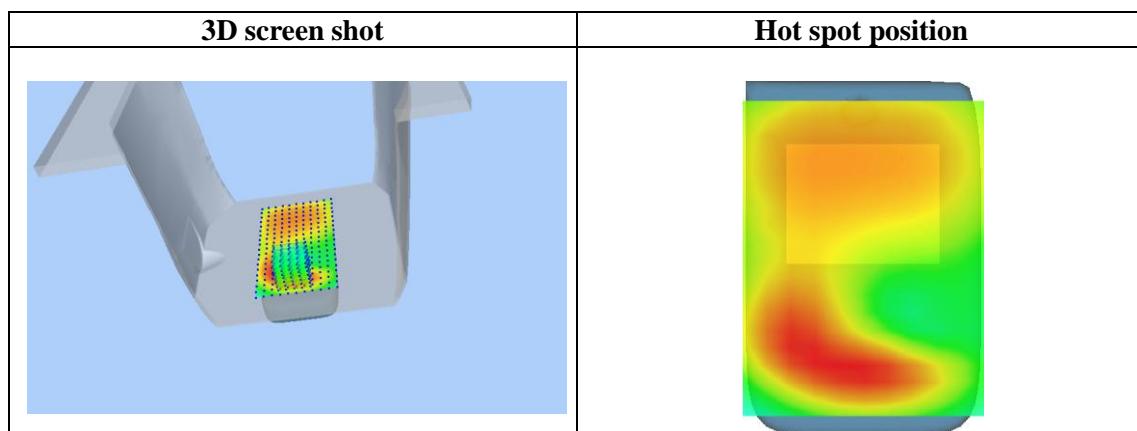
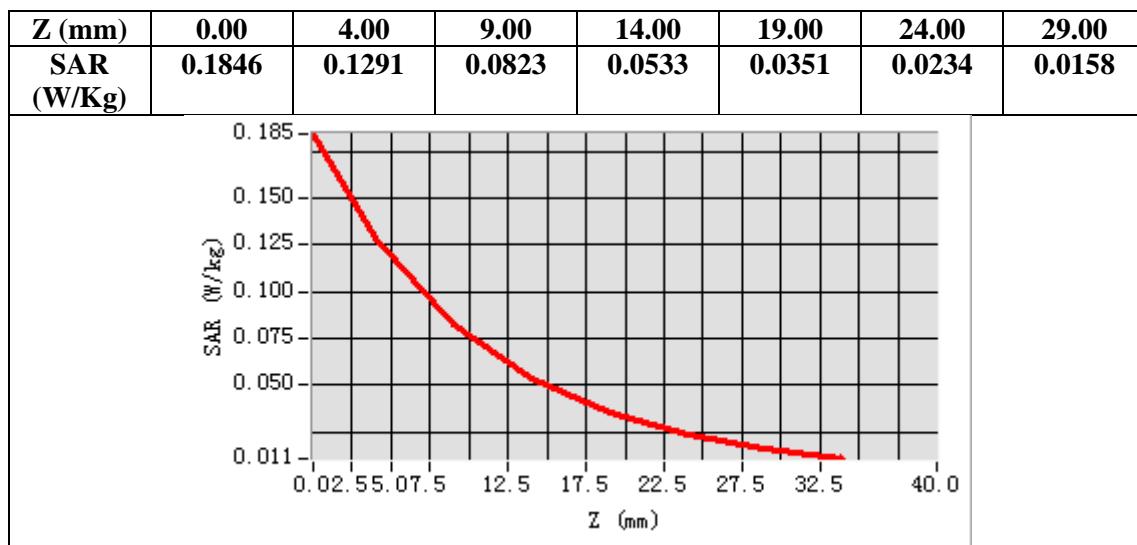
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Front
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



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

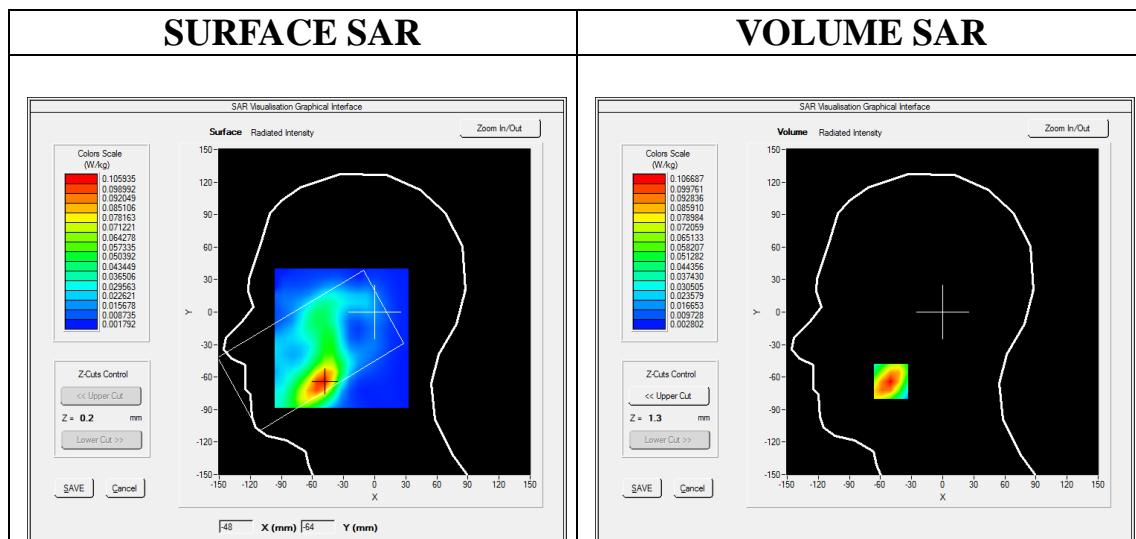
Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

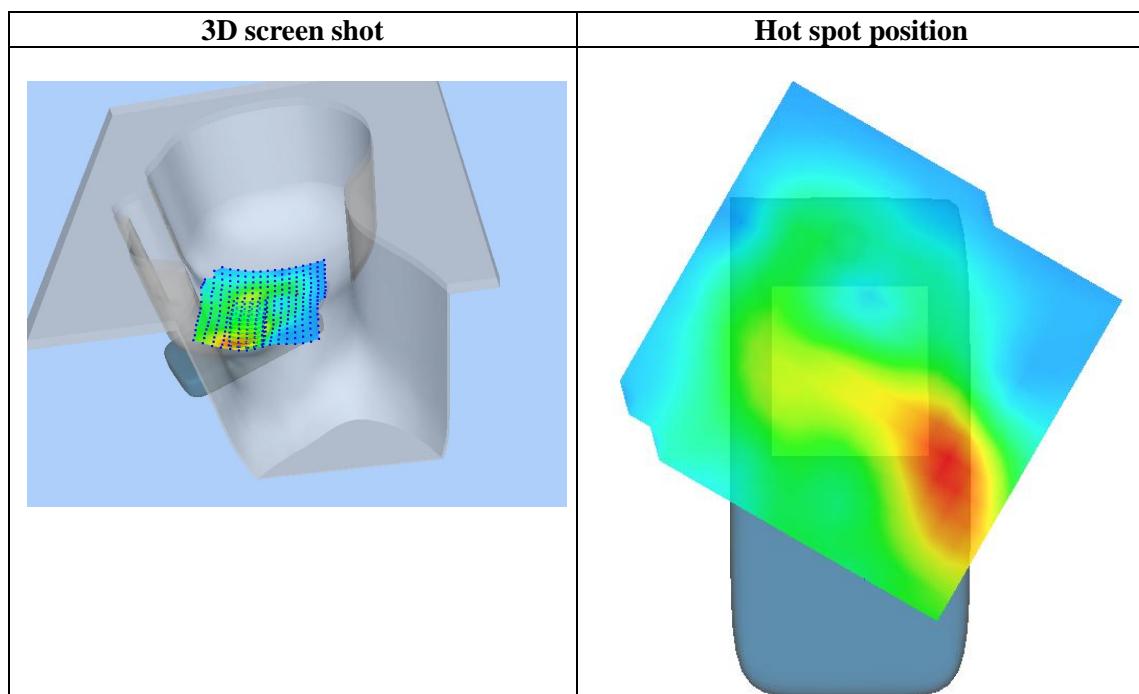
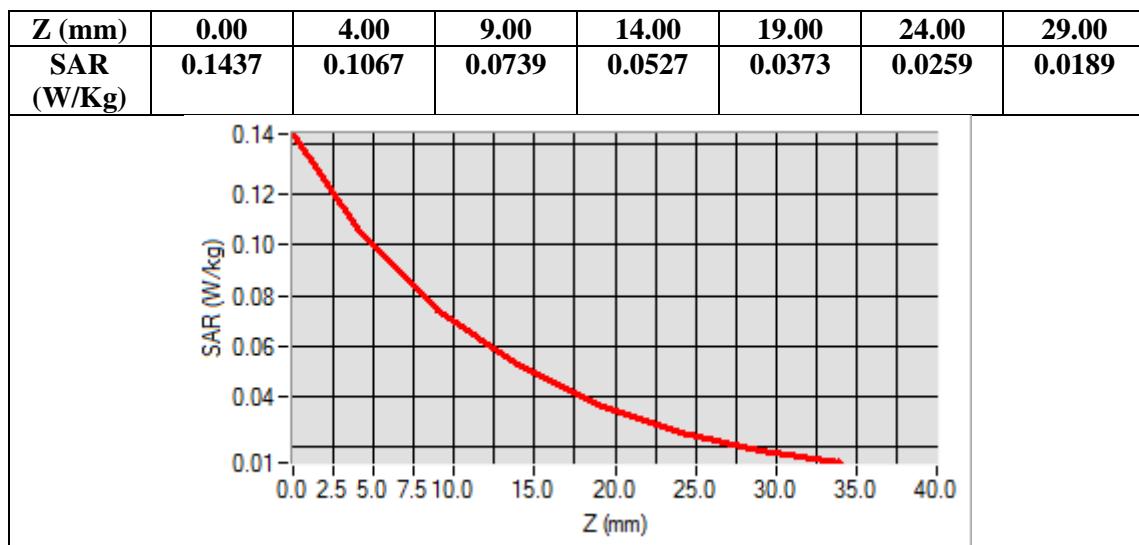
Configuration/ LTE Band II Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band II Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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)

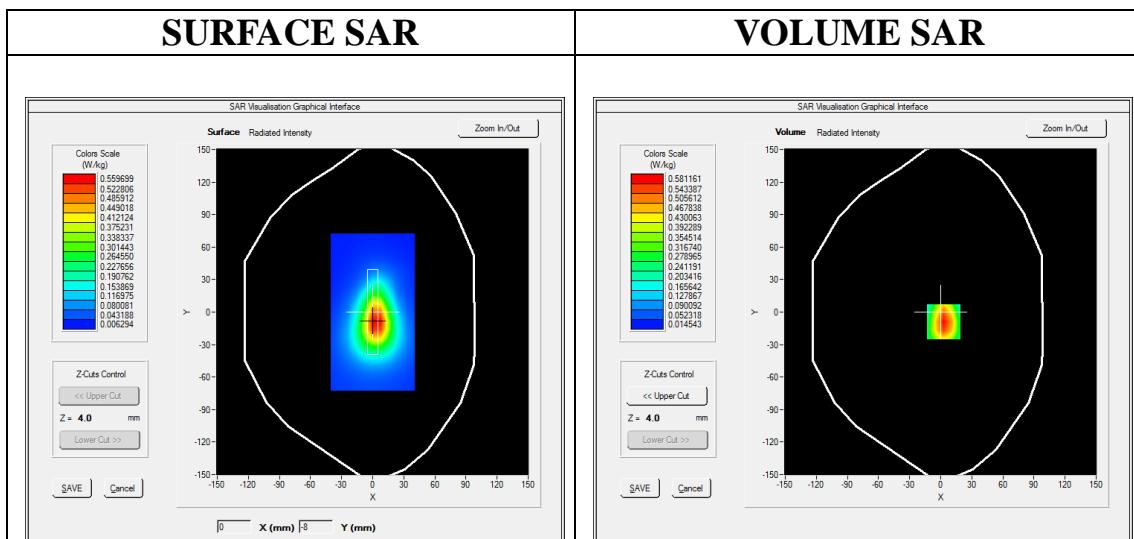
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

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

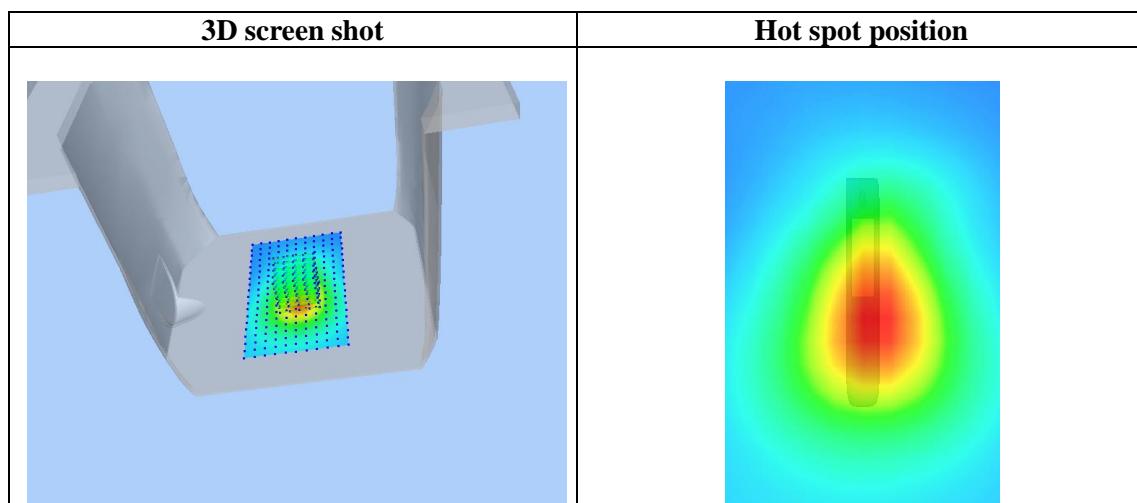
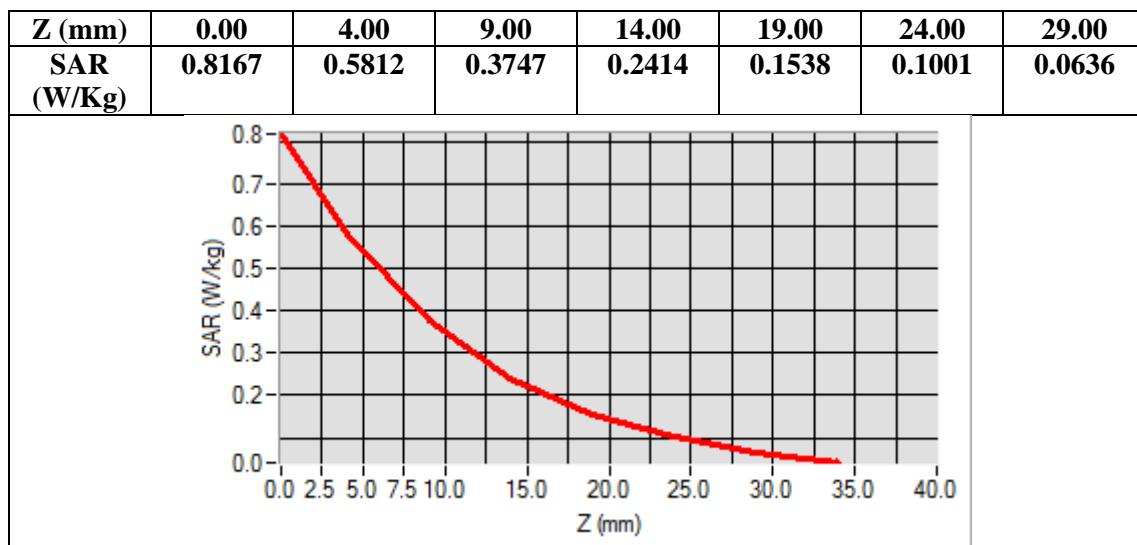
Configuration/ LTE Band II Mid- Edge3/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	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)

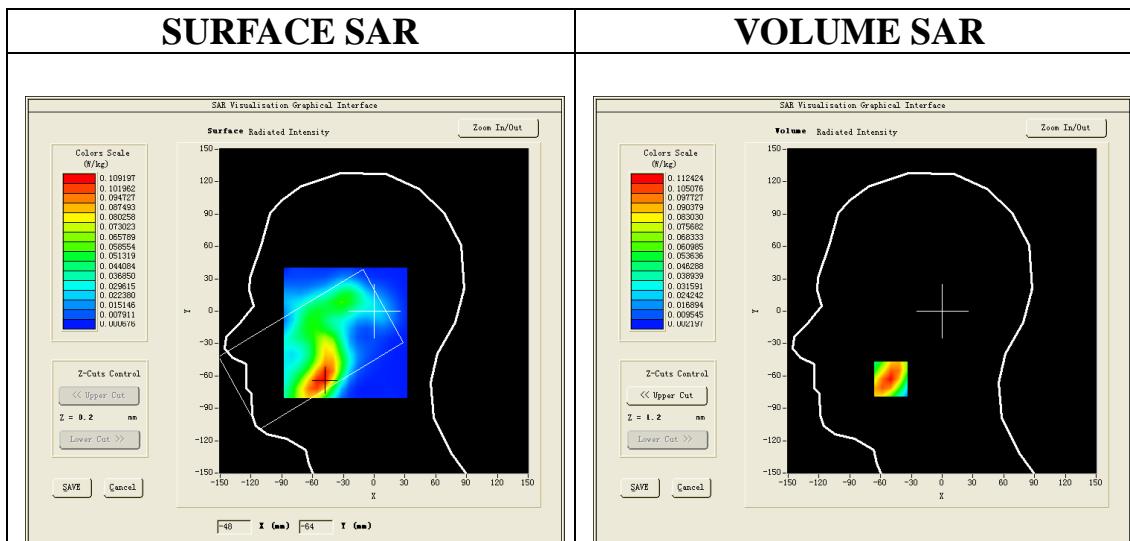
Phantom: SAM twin phantom

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;

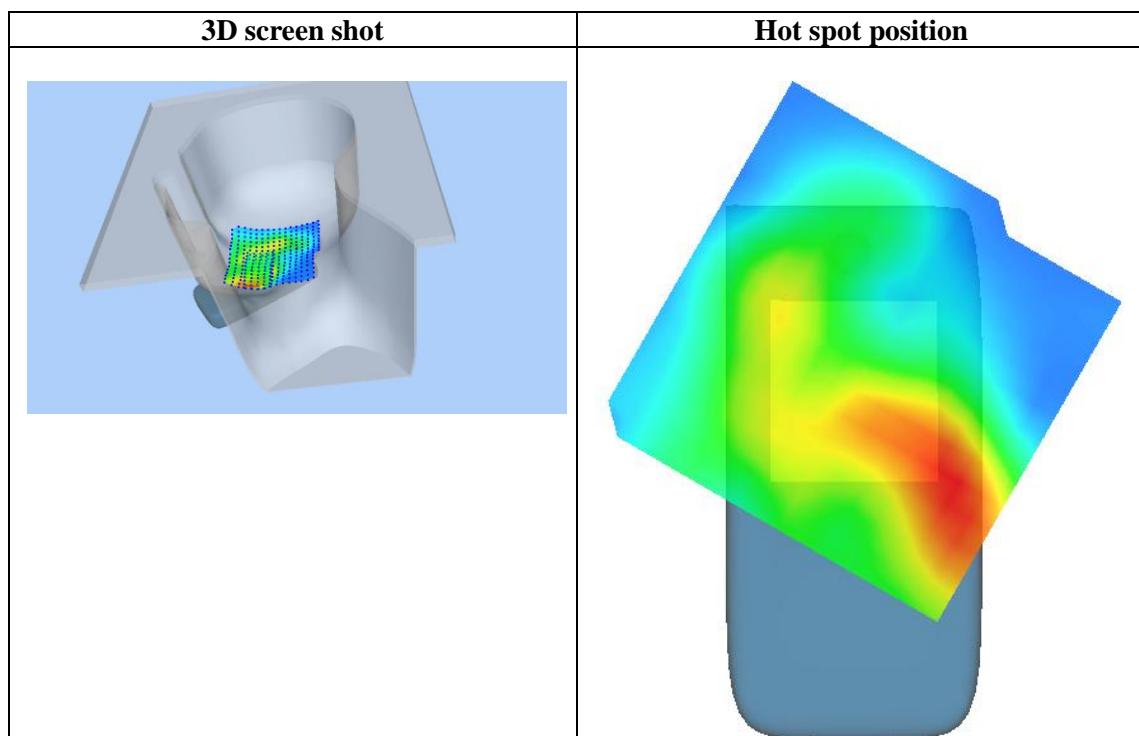
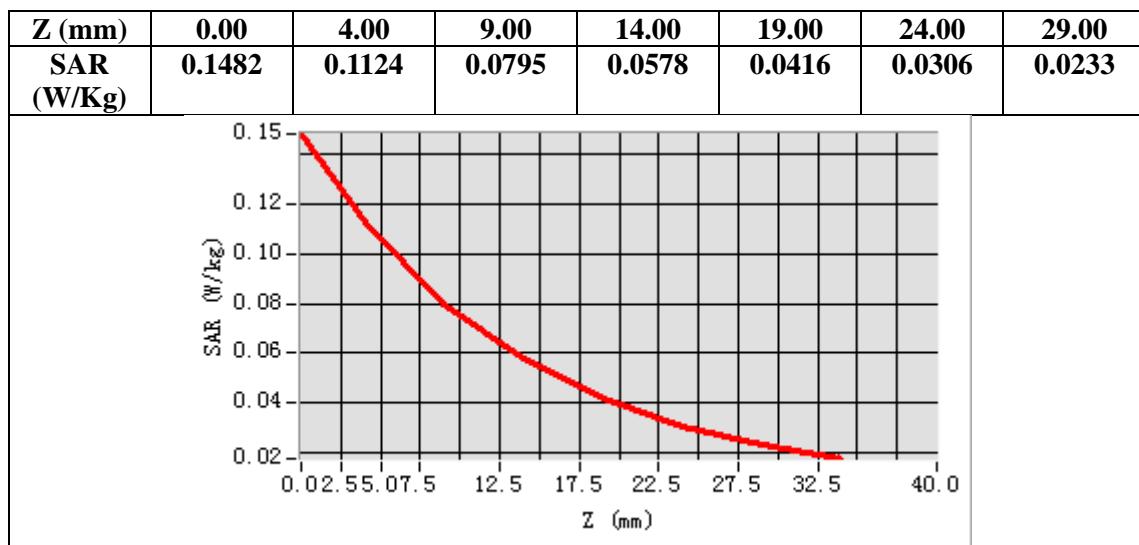
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band IV
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



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)

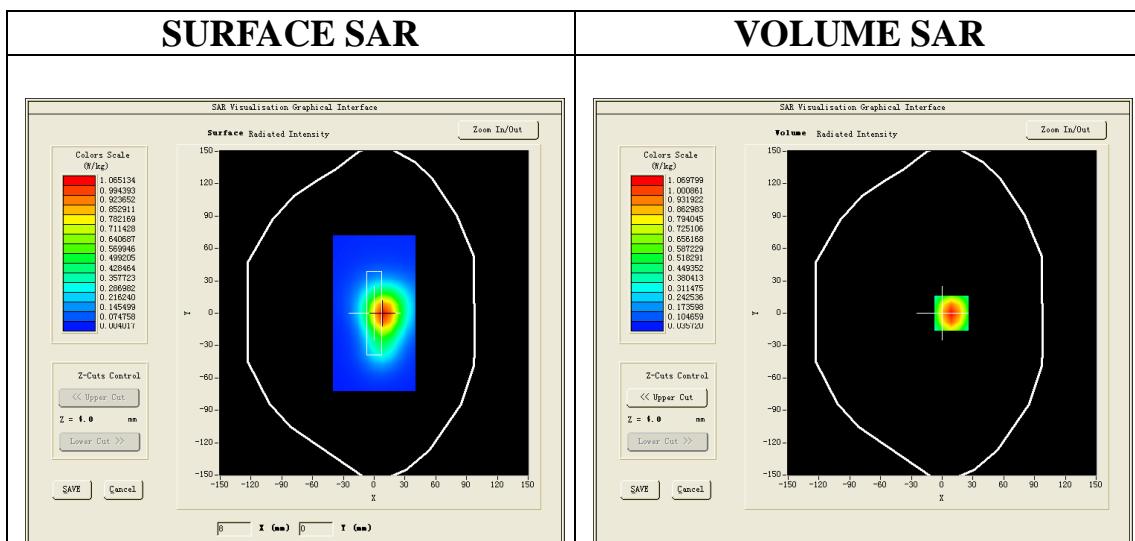
Phantom: SAM twin phantom

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=5m;

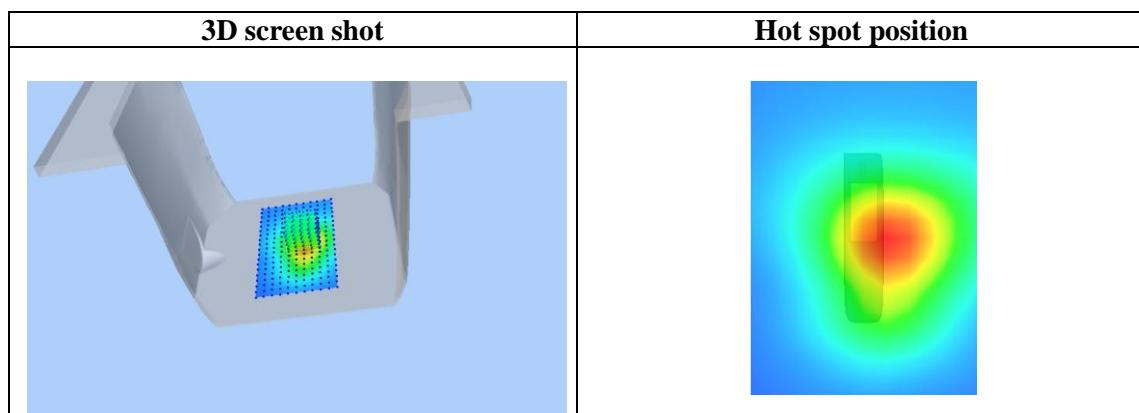
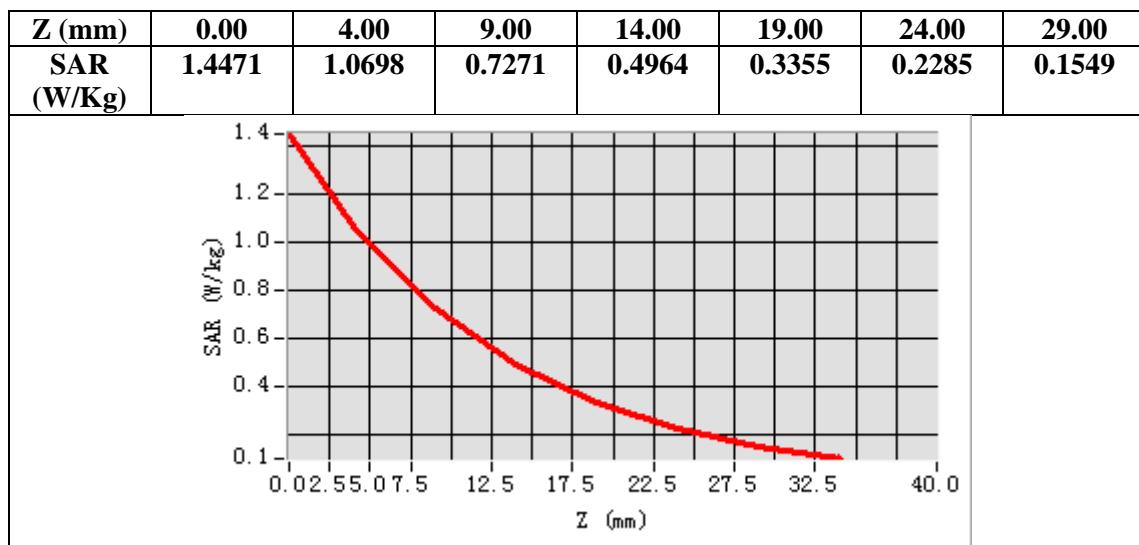
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge3
Band	LTE Band IV
Channels	Low
Signal	OFDM (Crest factor: 1.0)



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)

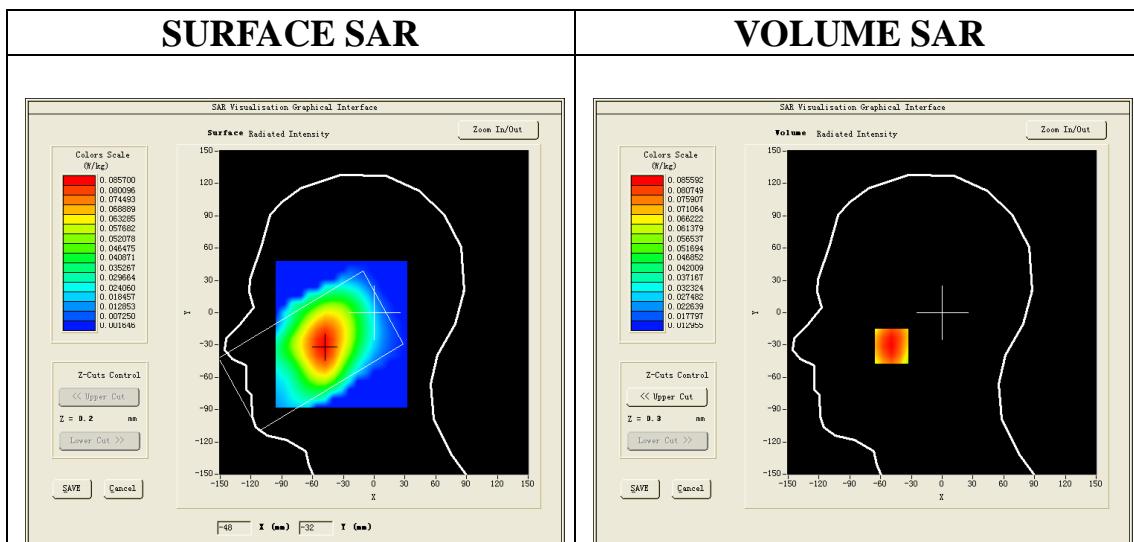
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

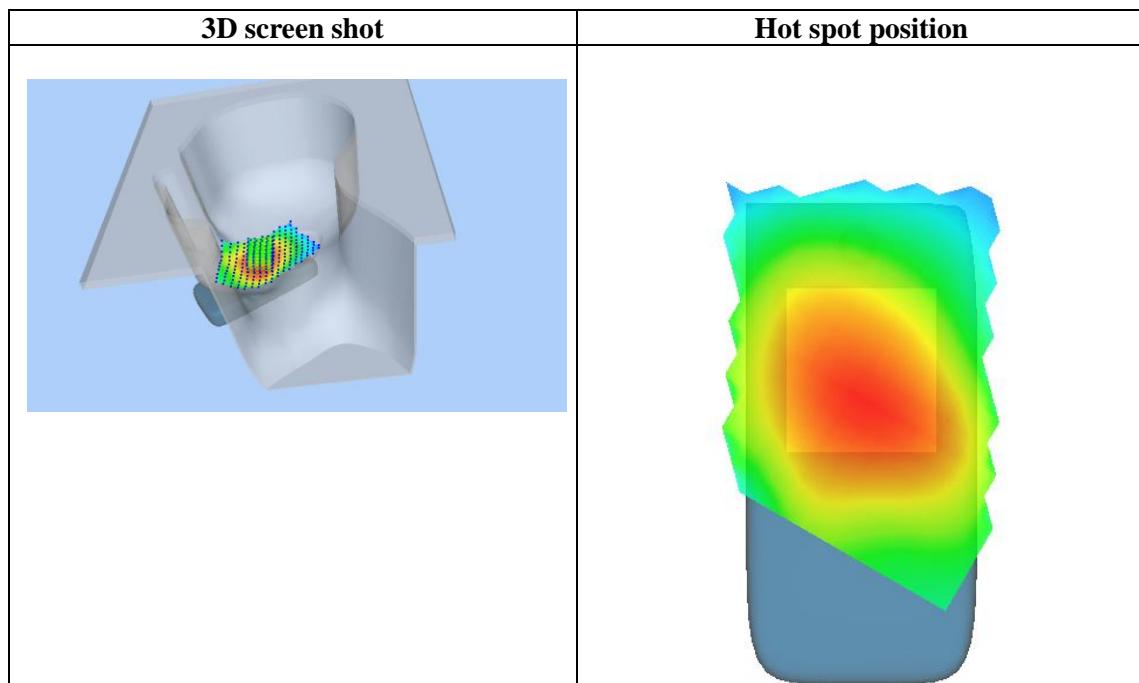
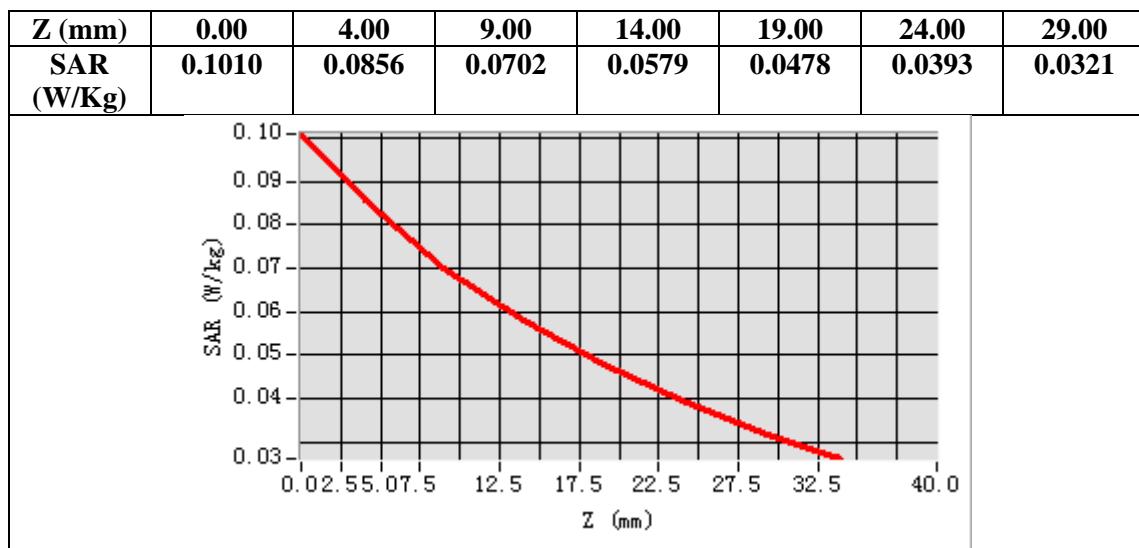
Configuration/ LTE Band V Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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: $f = 835 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 55.28$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section

Ambient temperature ($^{\circ}\text{C}$): 22.2, 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)

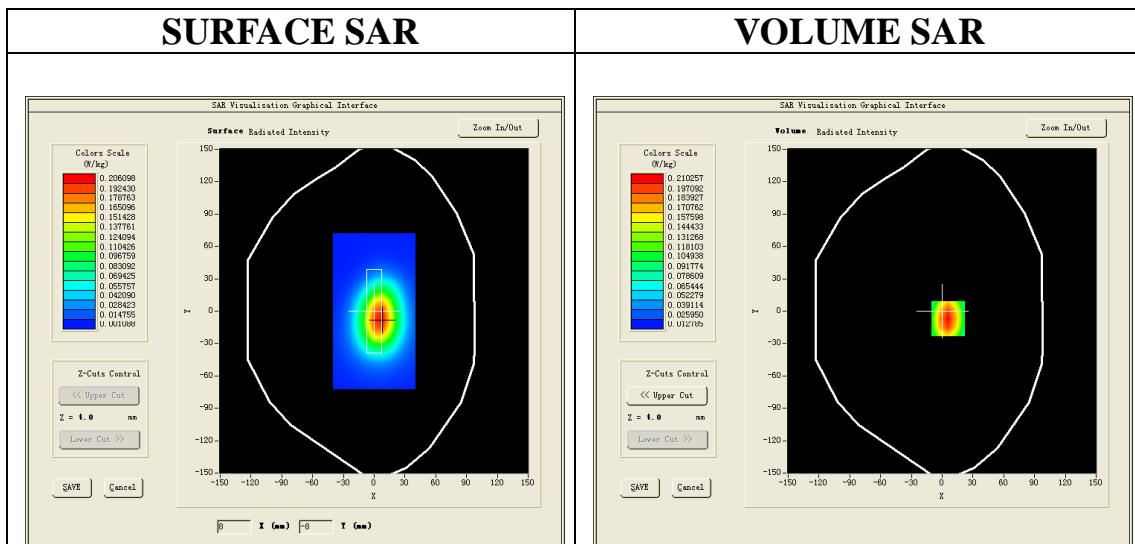
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

Configuration/ 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=5m;

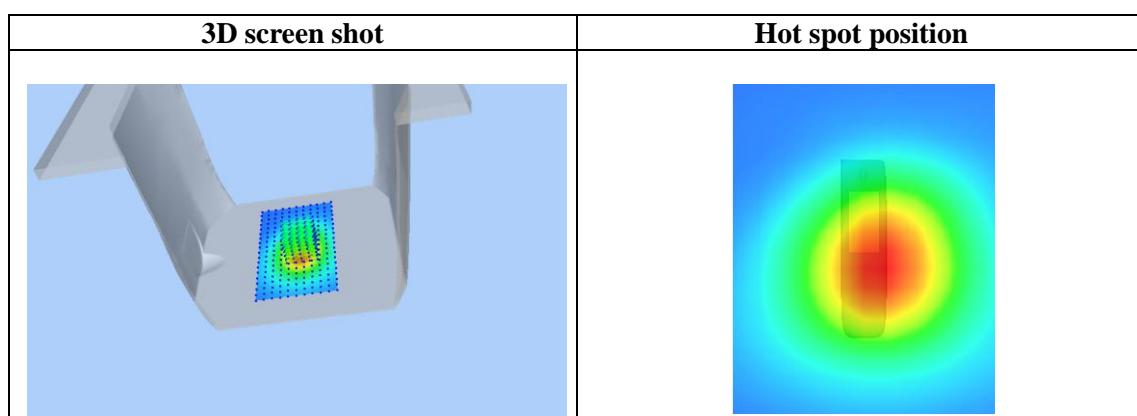
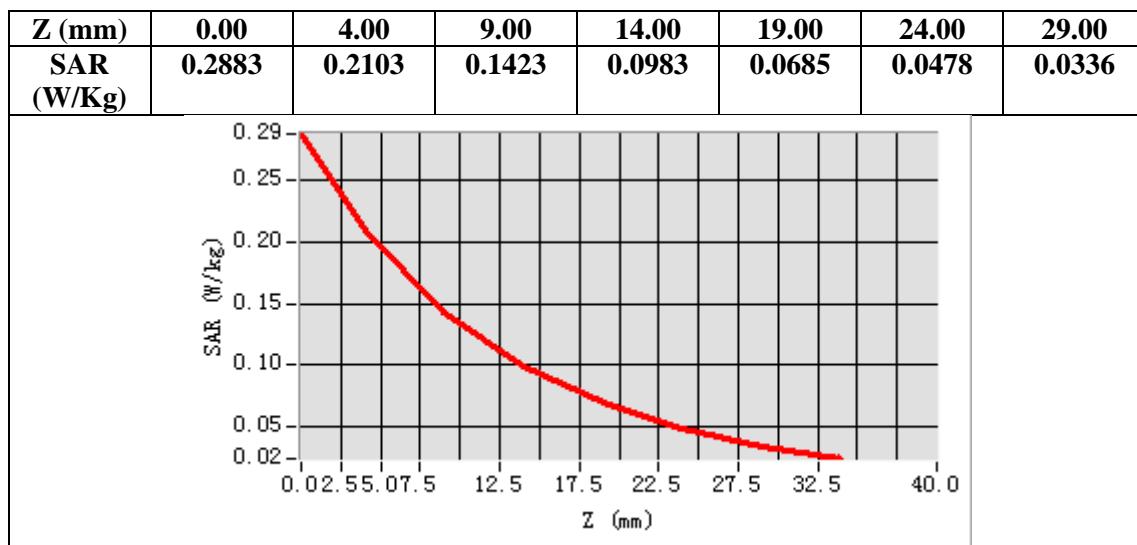
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge3
Band	LTE Band V
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



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)

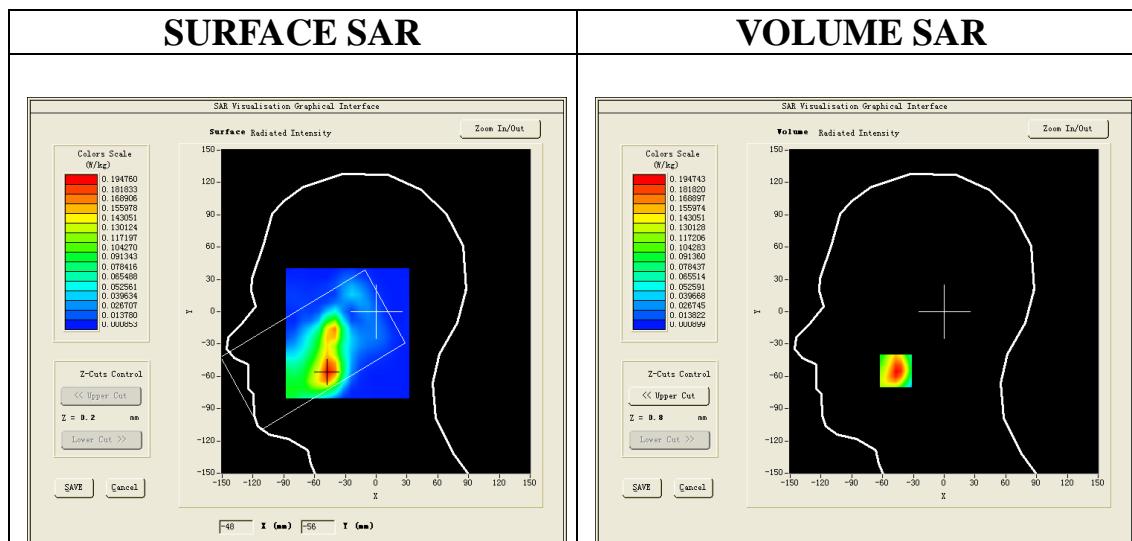
Phantom: SAM twin phantom

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

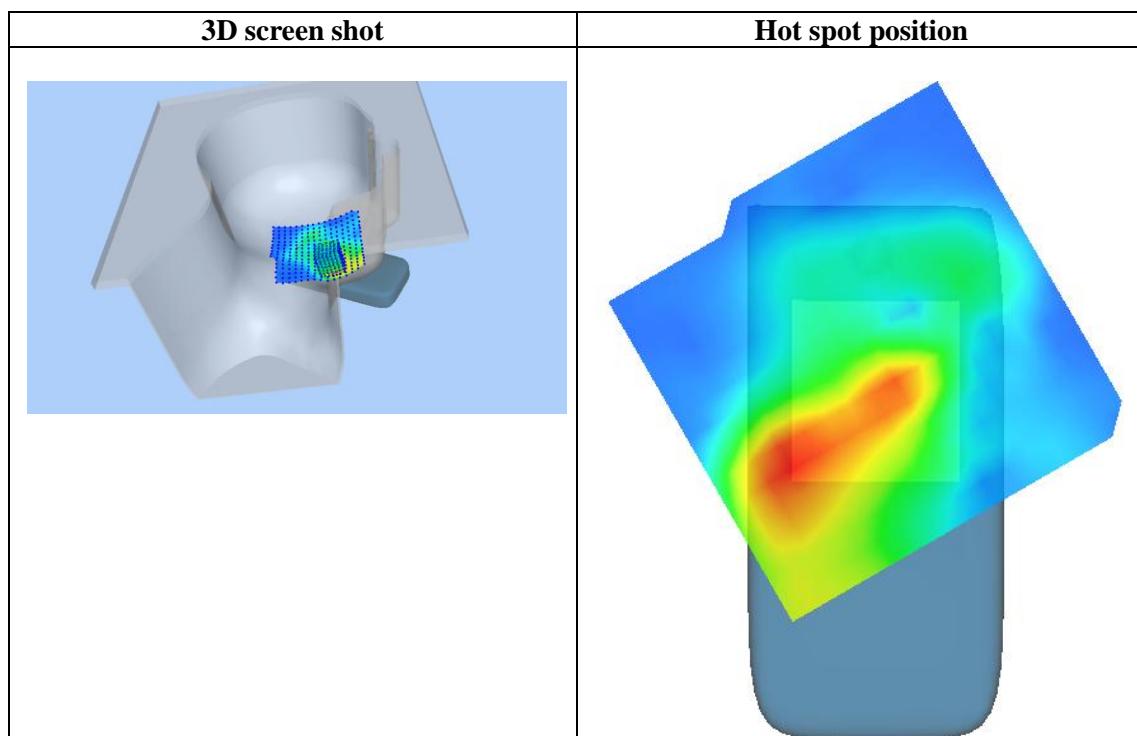
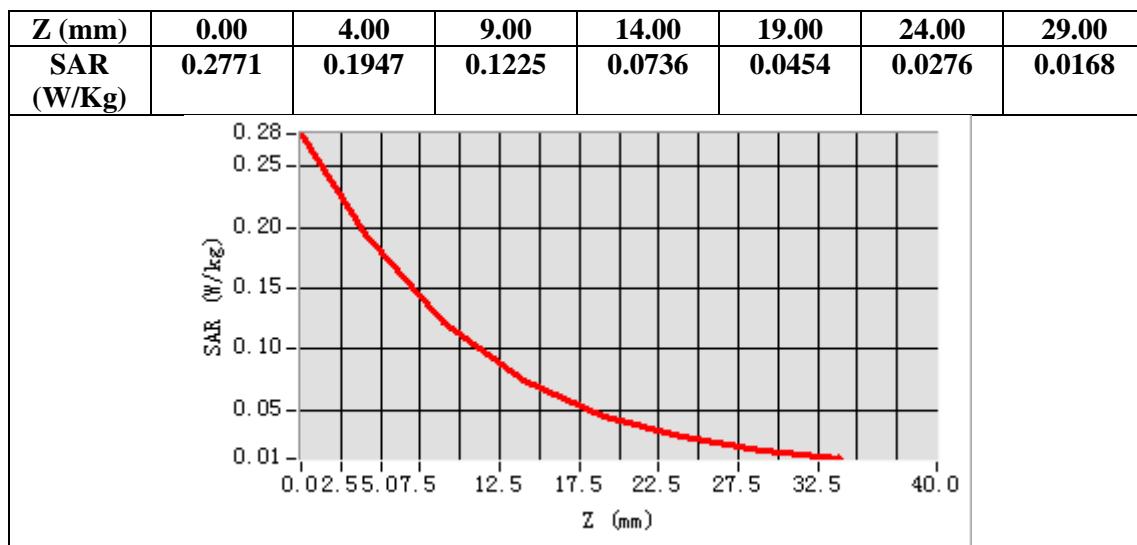
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE BAND VII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



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)

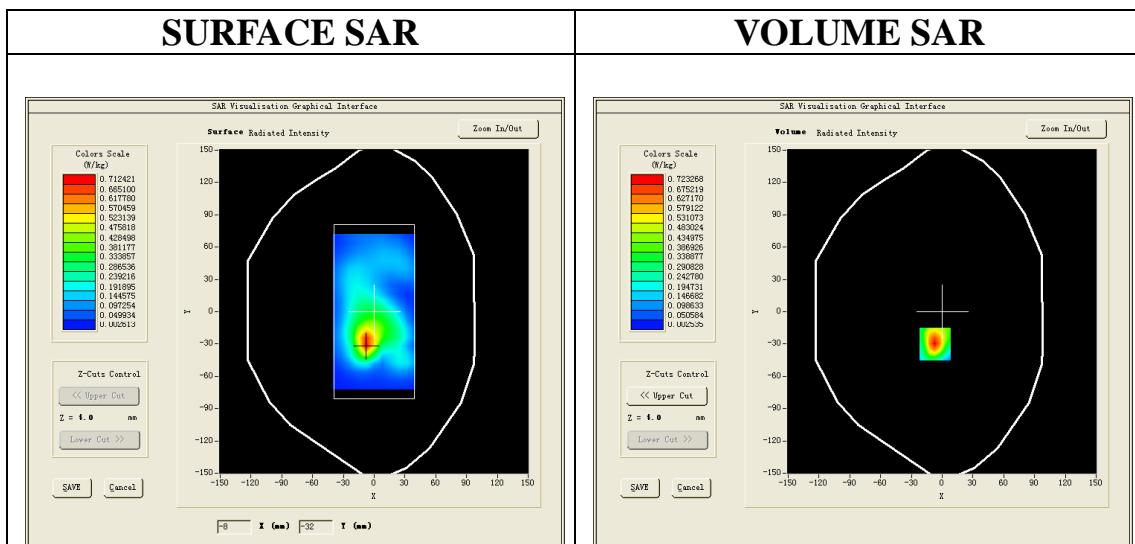
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

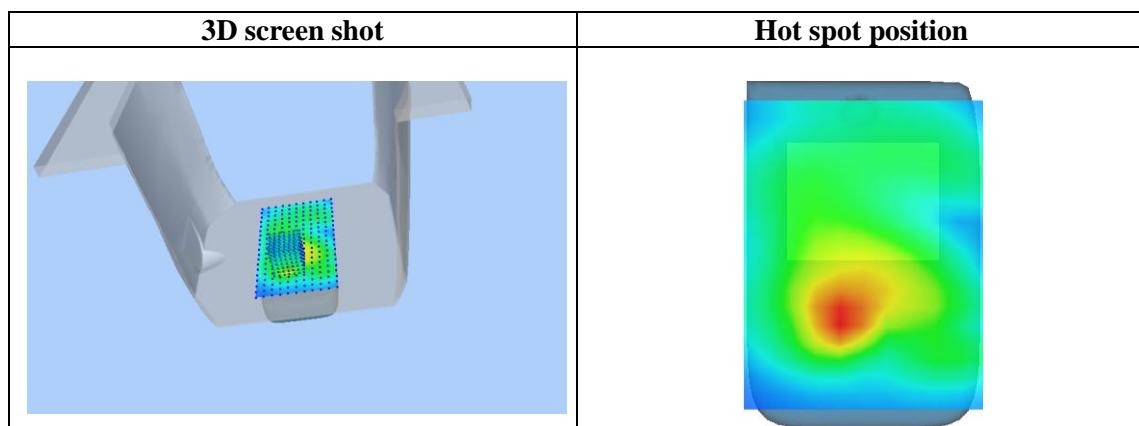
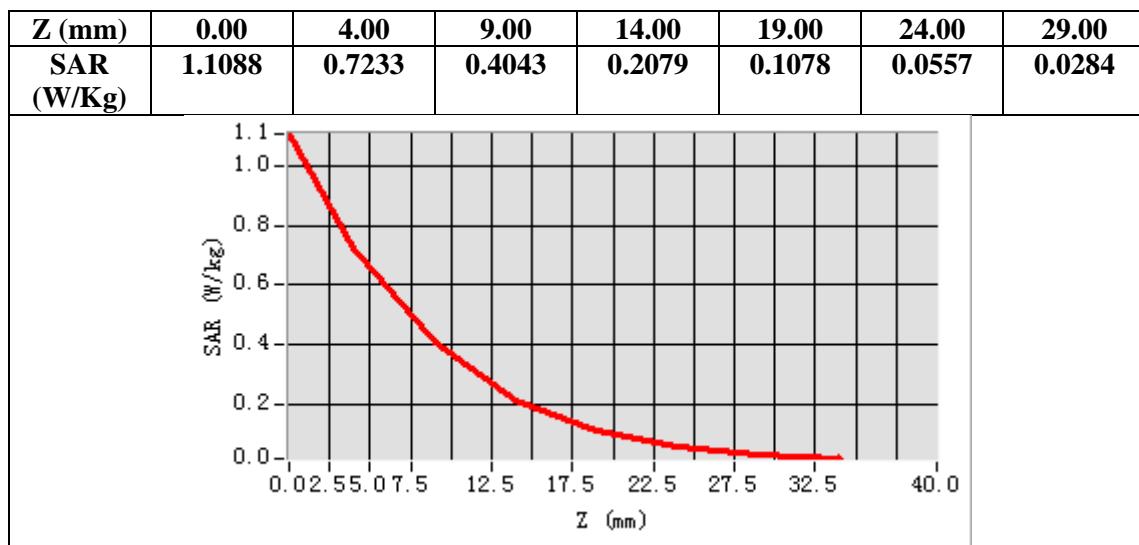
Configuration/ LTE BAND VII Mid-Body-Front /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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)

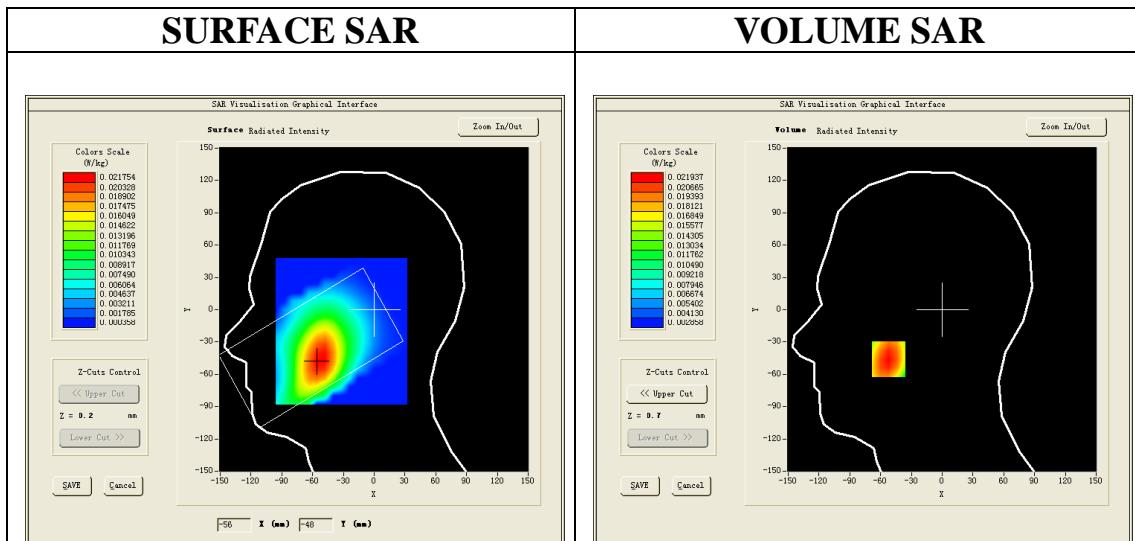
Phantom: SAM twin phantom

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;

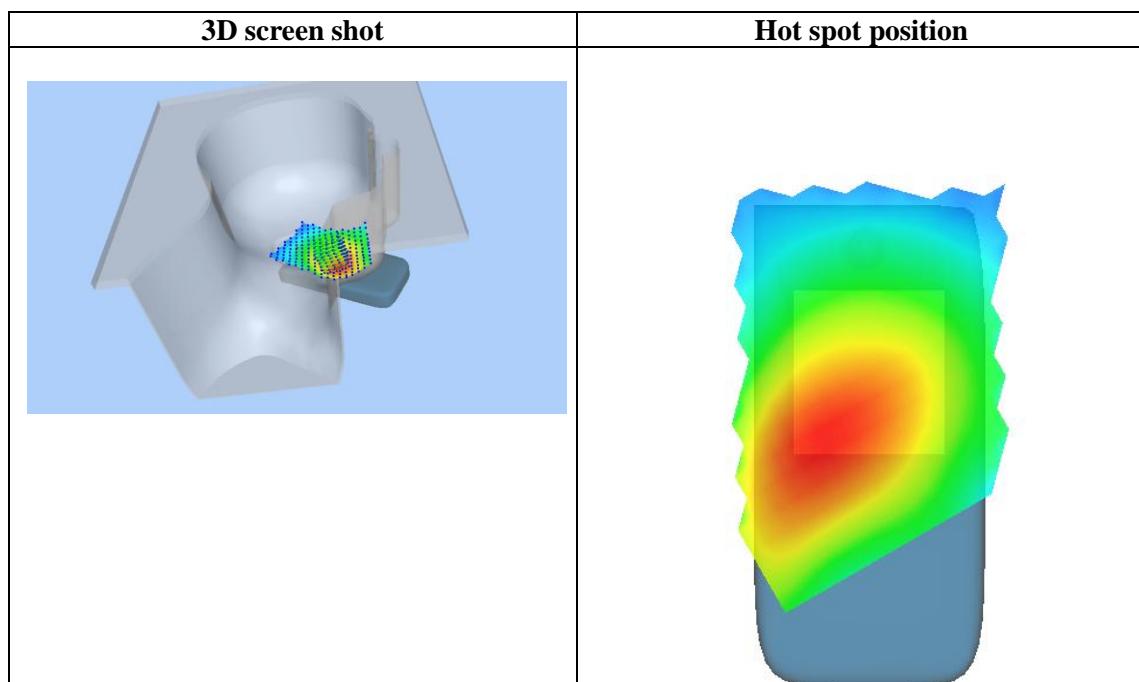
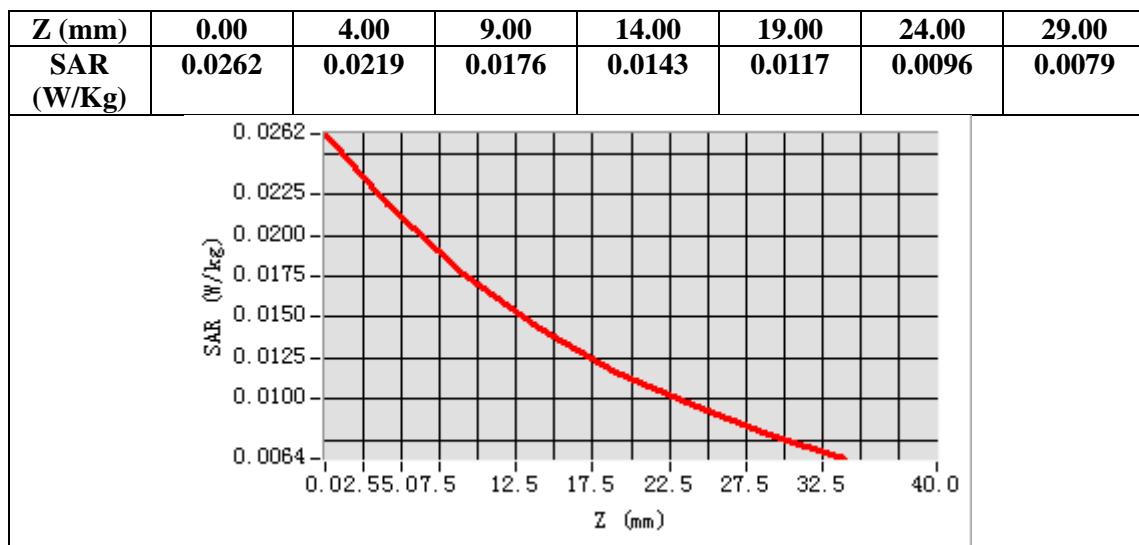
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band XII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



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)

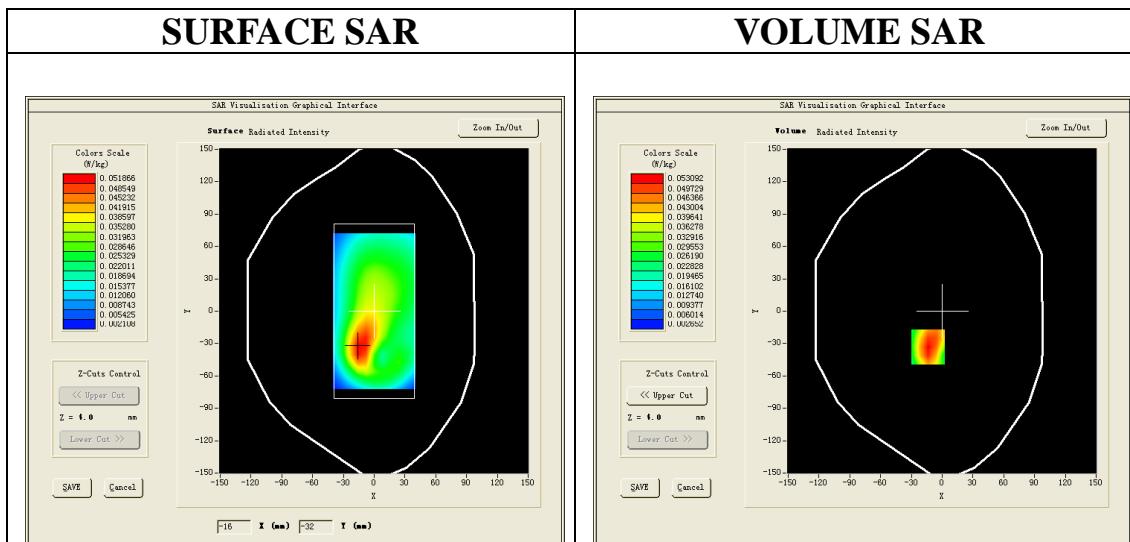
Phantom: SAM twin phantom

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=5m;

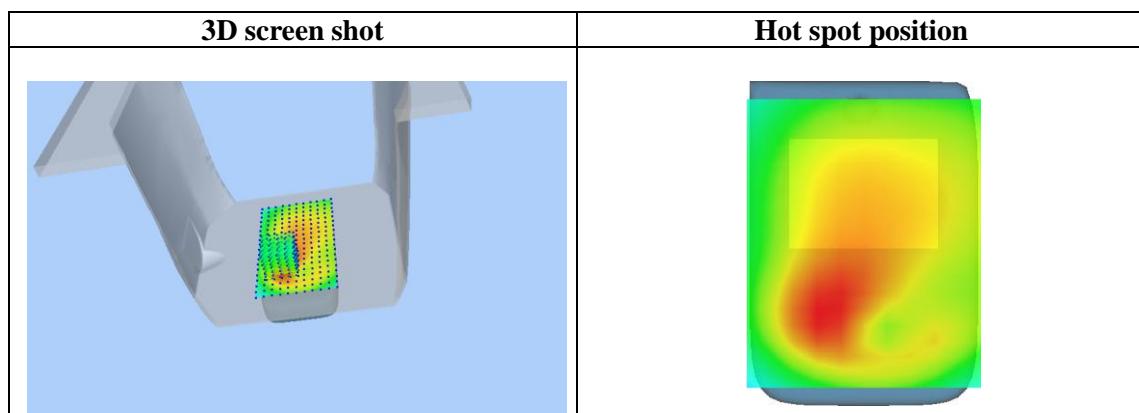
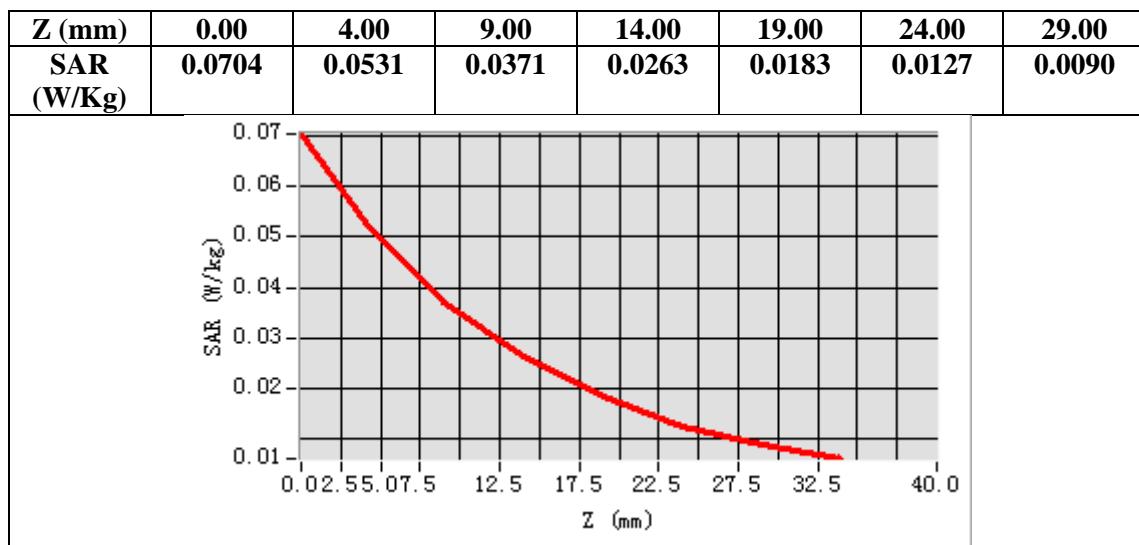
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Front
Band	LTE Band XII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



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; $\sigma = 1.78\text{mho/m}$; $\epsilon_r = 40.12$ $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Left 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)

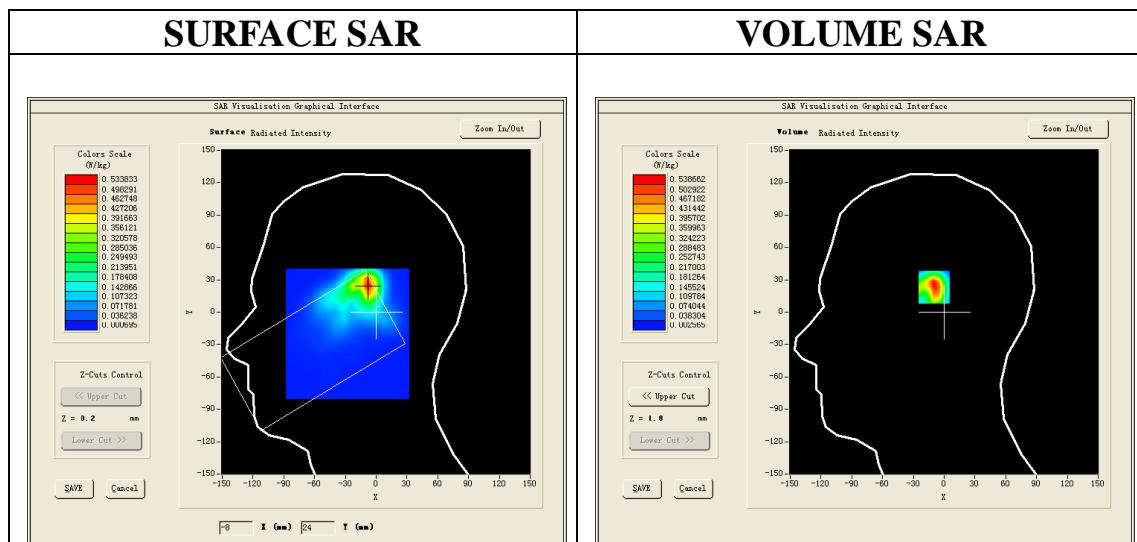
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

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

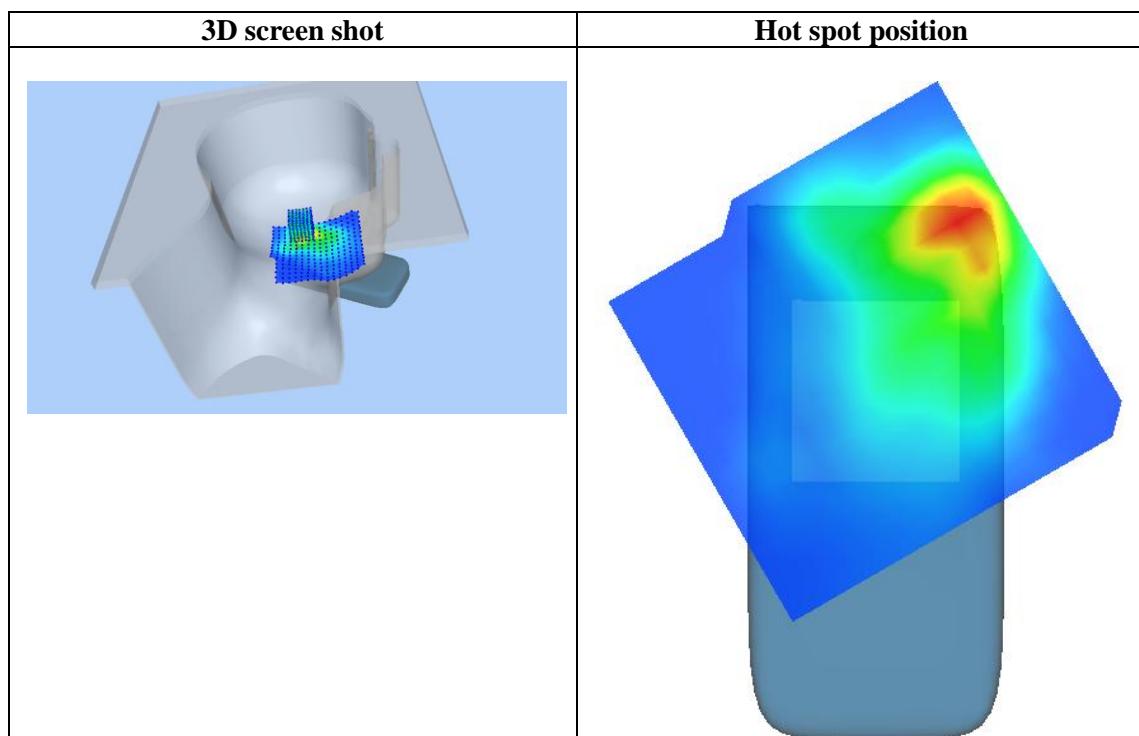
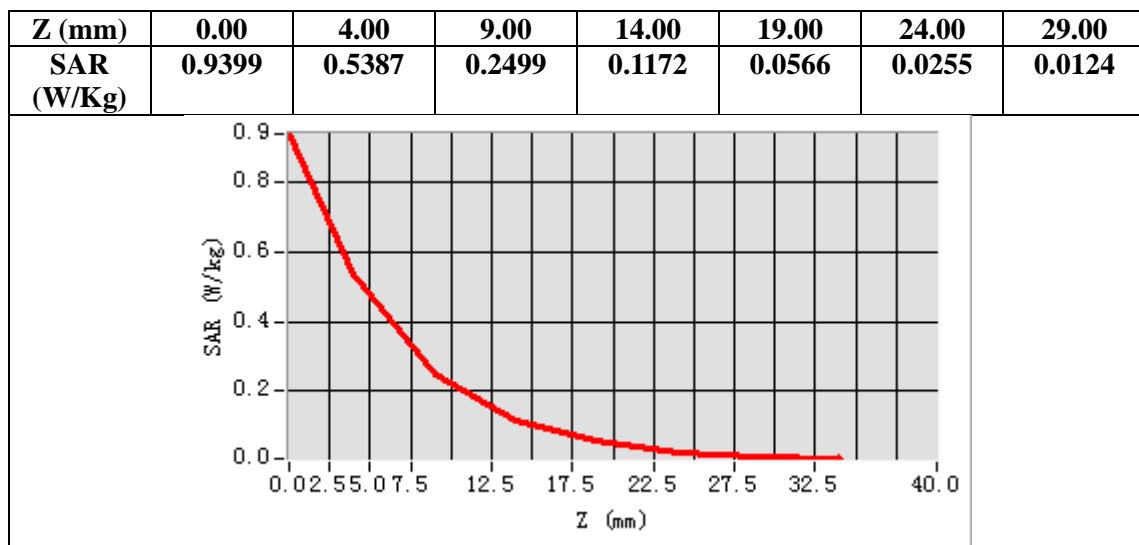
Configuration/802.11b Mid- Touch-Left/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

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; $\sigma = 1.93\text{mho/m}$; $\epsilon_r = 53.62$; $\rho = 1000 \text{ kg/m}^3$;
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)

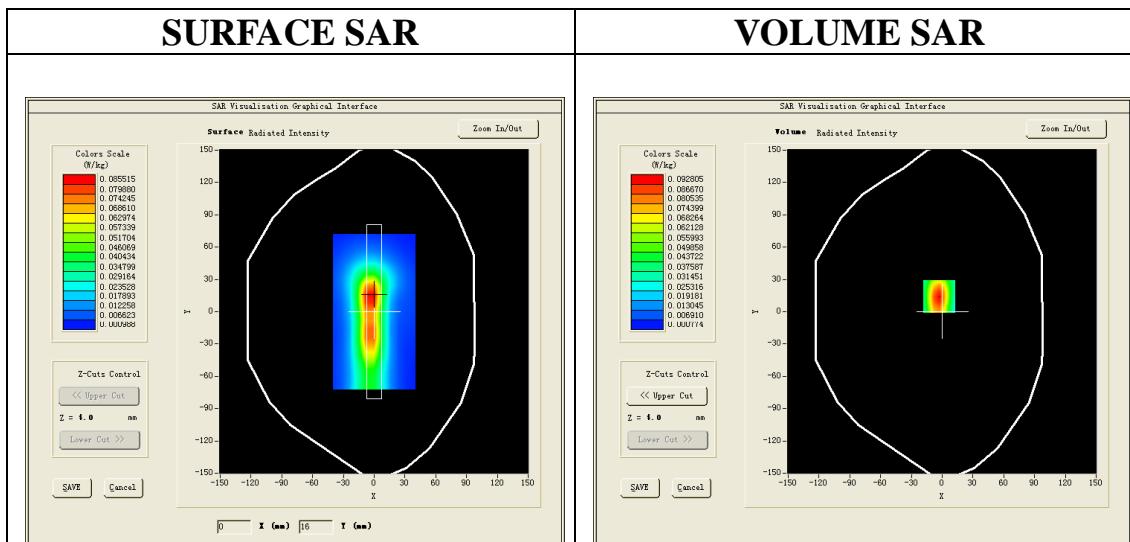
Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_32

Configuration/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;

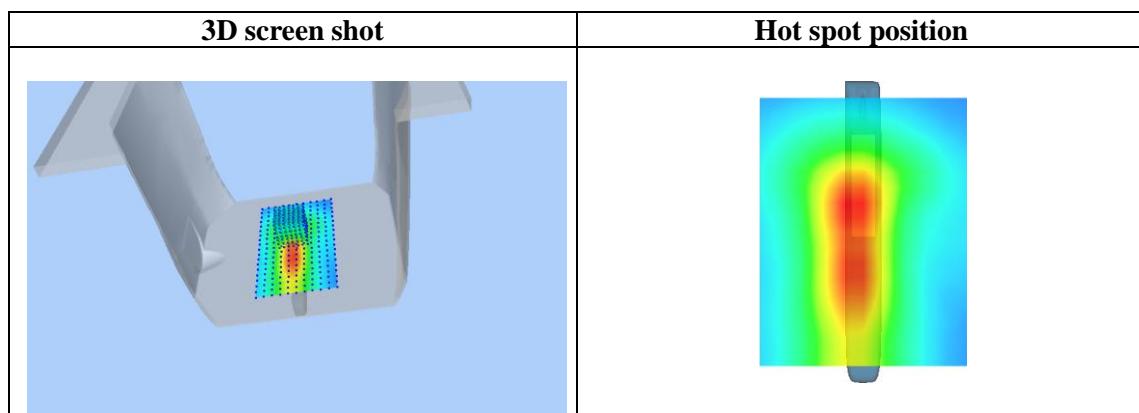
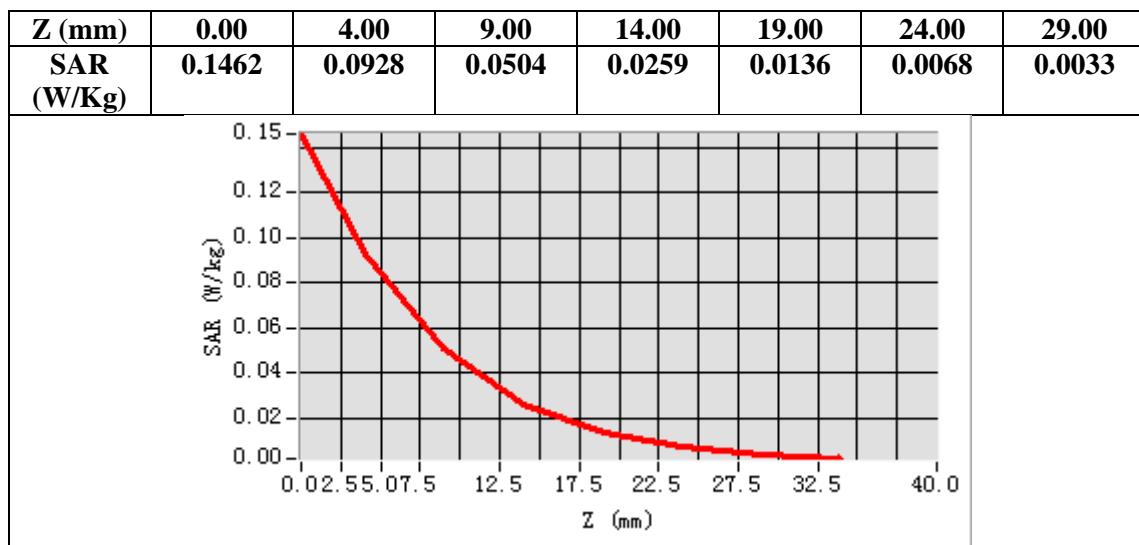
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Edge2
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



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

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

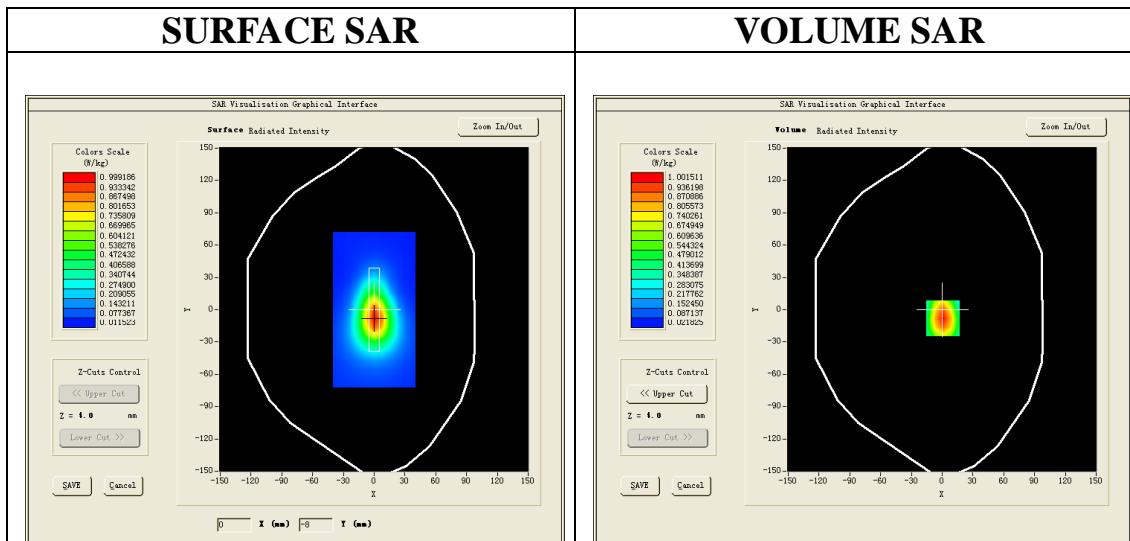
SATIMO Configuration:

- 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;

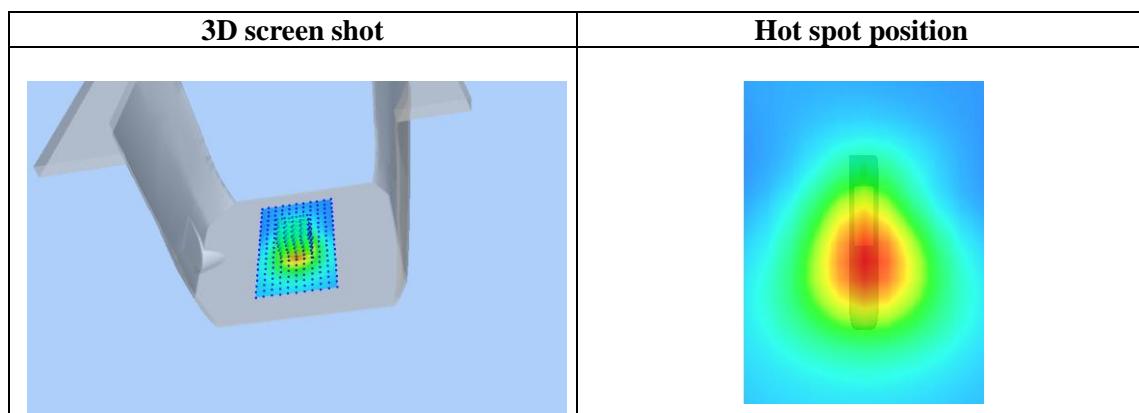
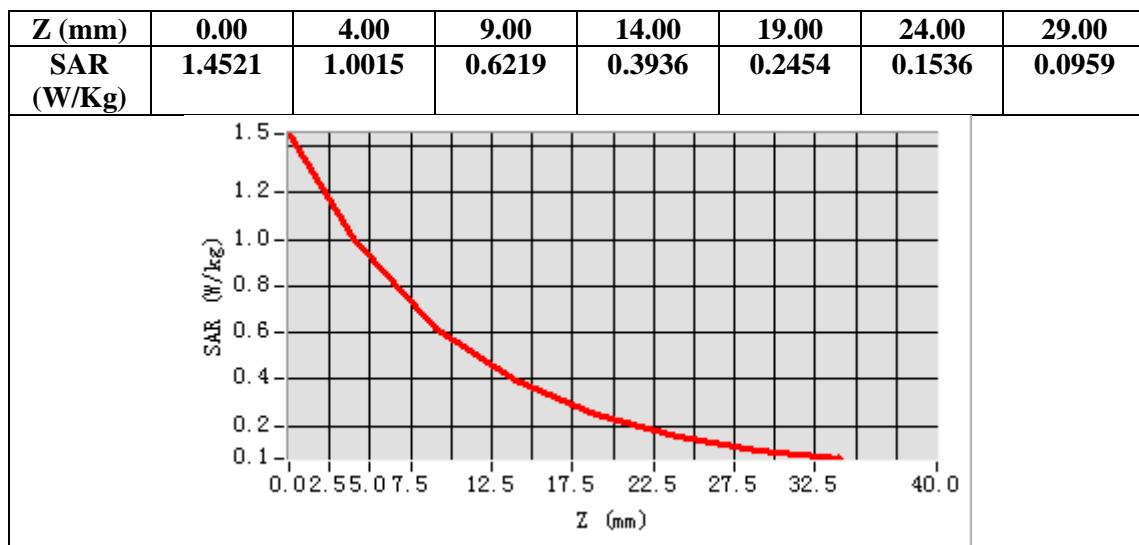
Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge3
Band	WCDMA Band IV
Channels	High
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=1.00, Y=-8.00

SAR Peak: 1.45 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

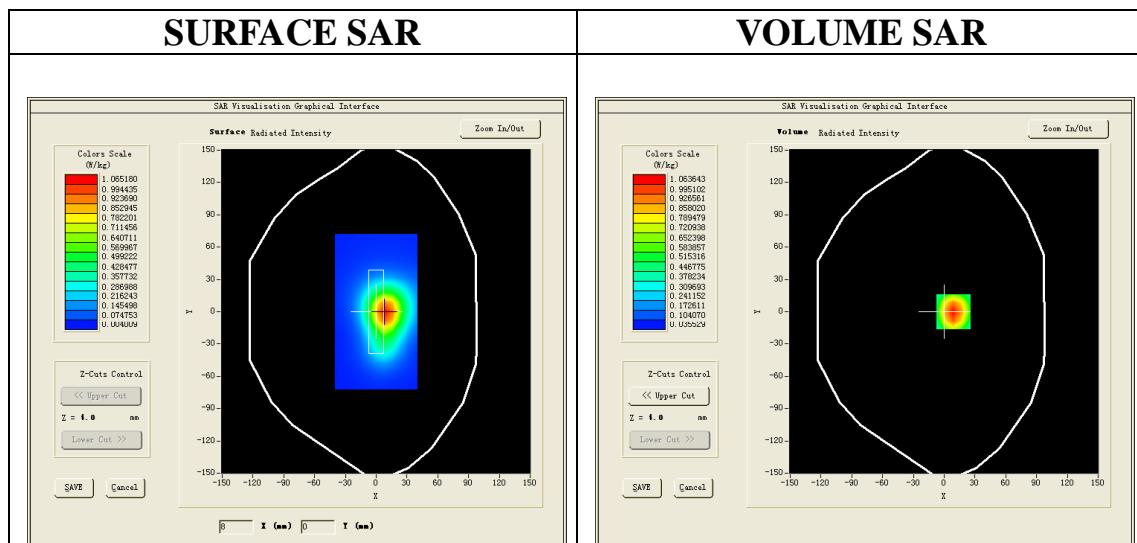
SATIMO Configuration:

- 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=5m;

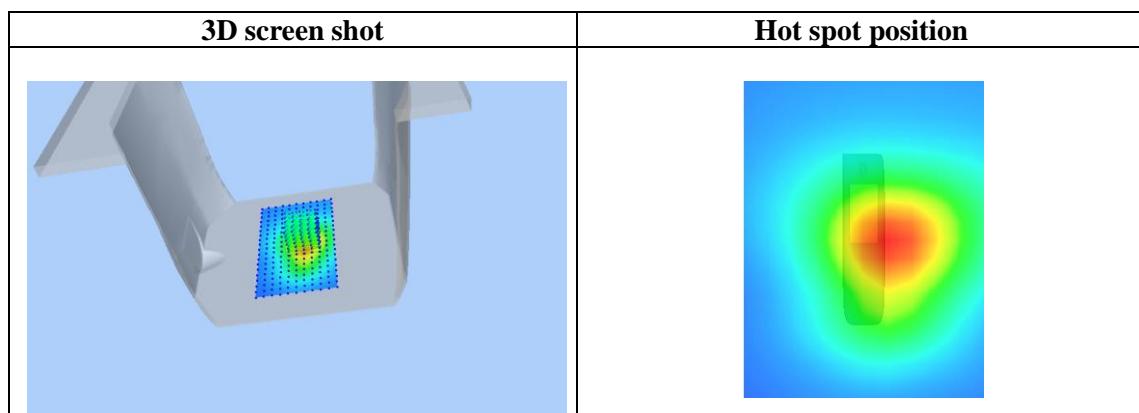
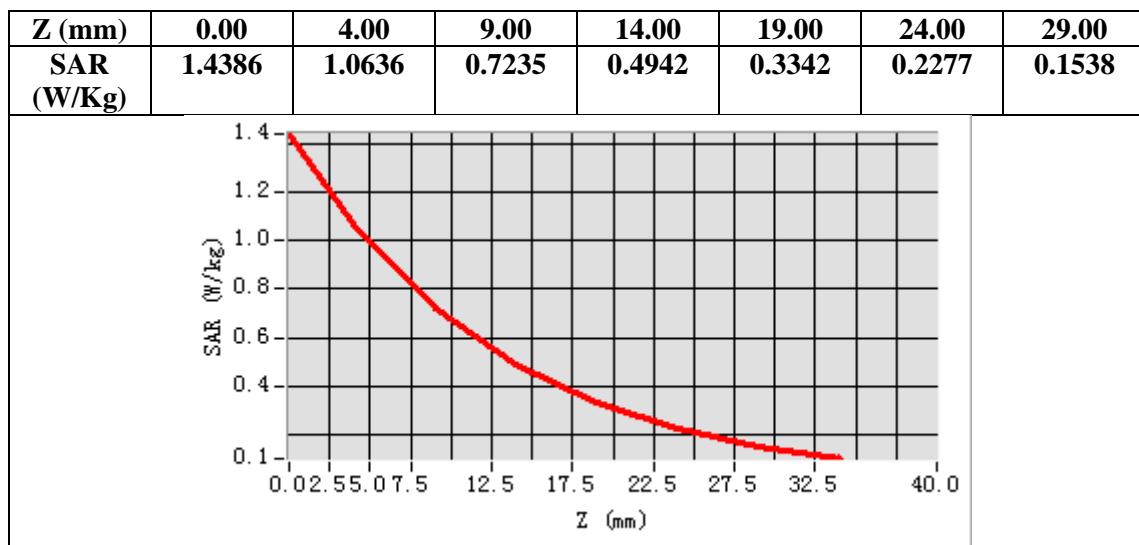
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge3
Band	LTE Band IV
Channels	Low
Signal	OFDM (Crest factor: 1.0)



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

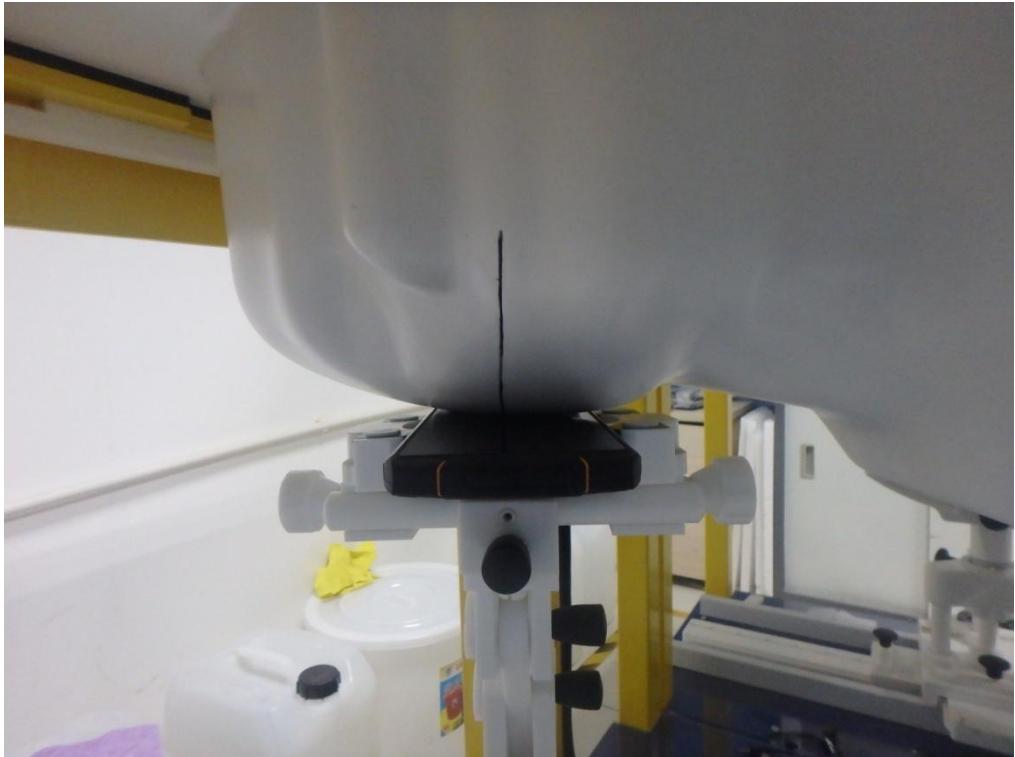
LEFT-CHEEK TOUCH



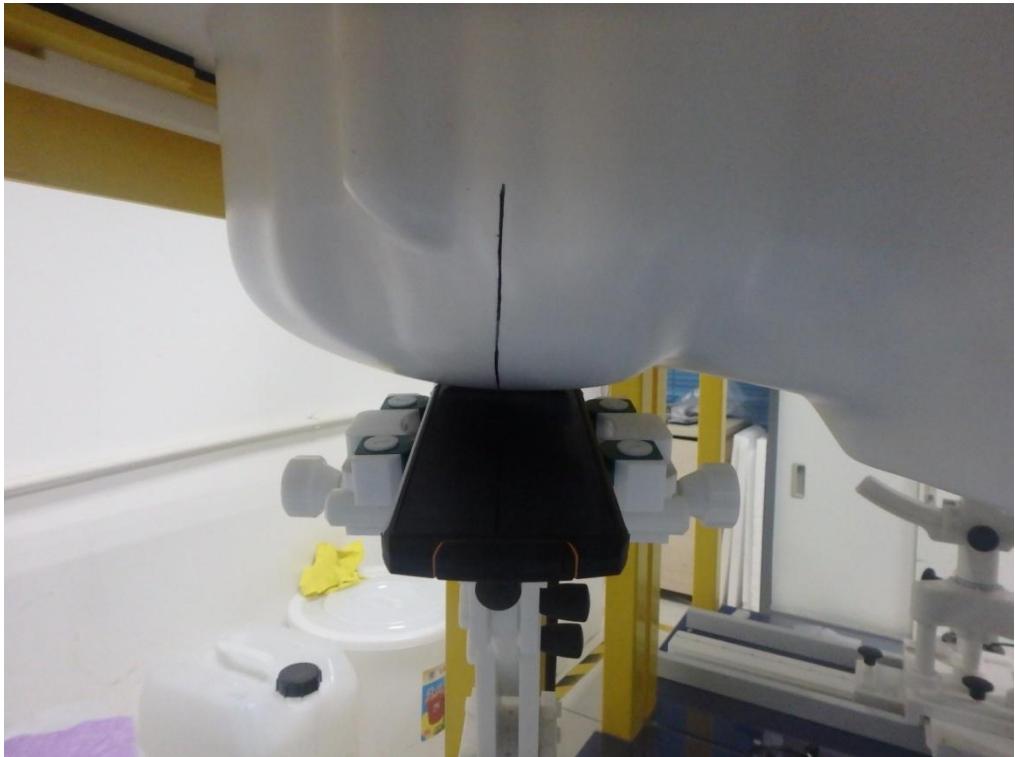
LEFT-TILT 15°



RIGHT- CHEEK TOUCH



RIGHT-TILT 15°



Body Back 10mm



Body Front 10mm



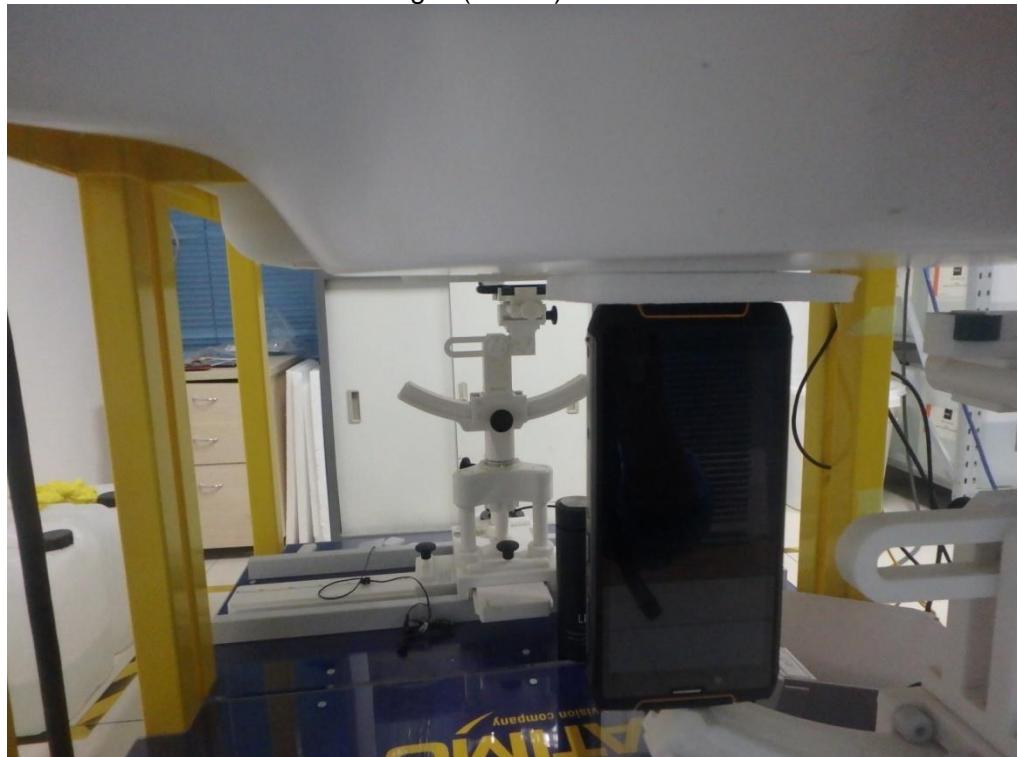
Edge 1(Top) 10mm



Edge 2(Right) 10mm



Edge 3(Bottom) 10mm

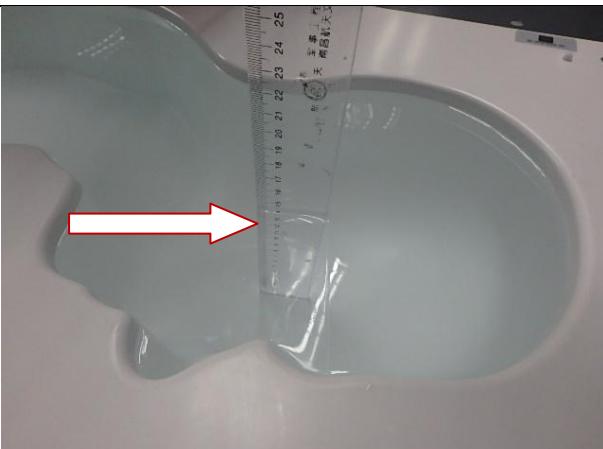
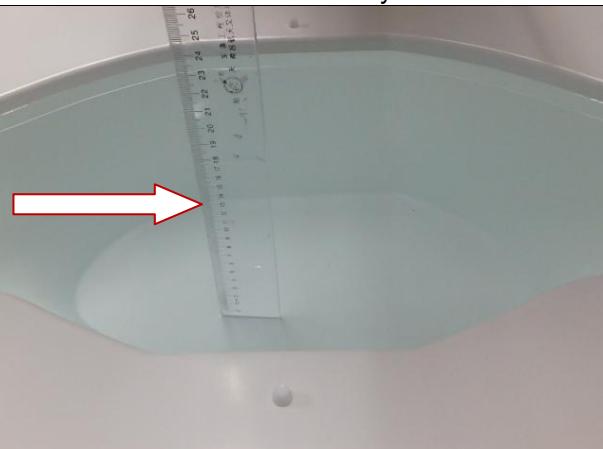


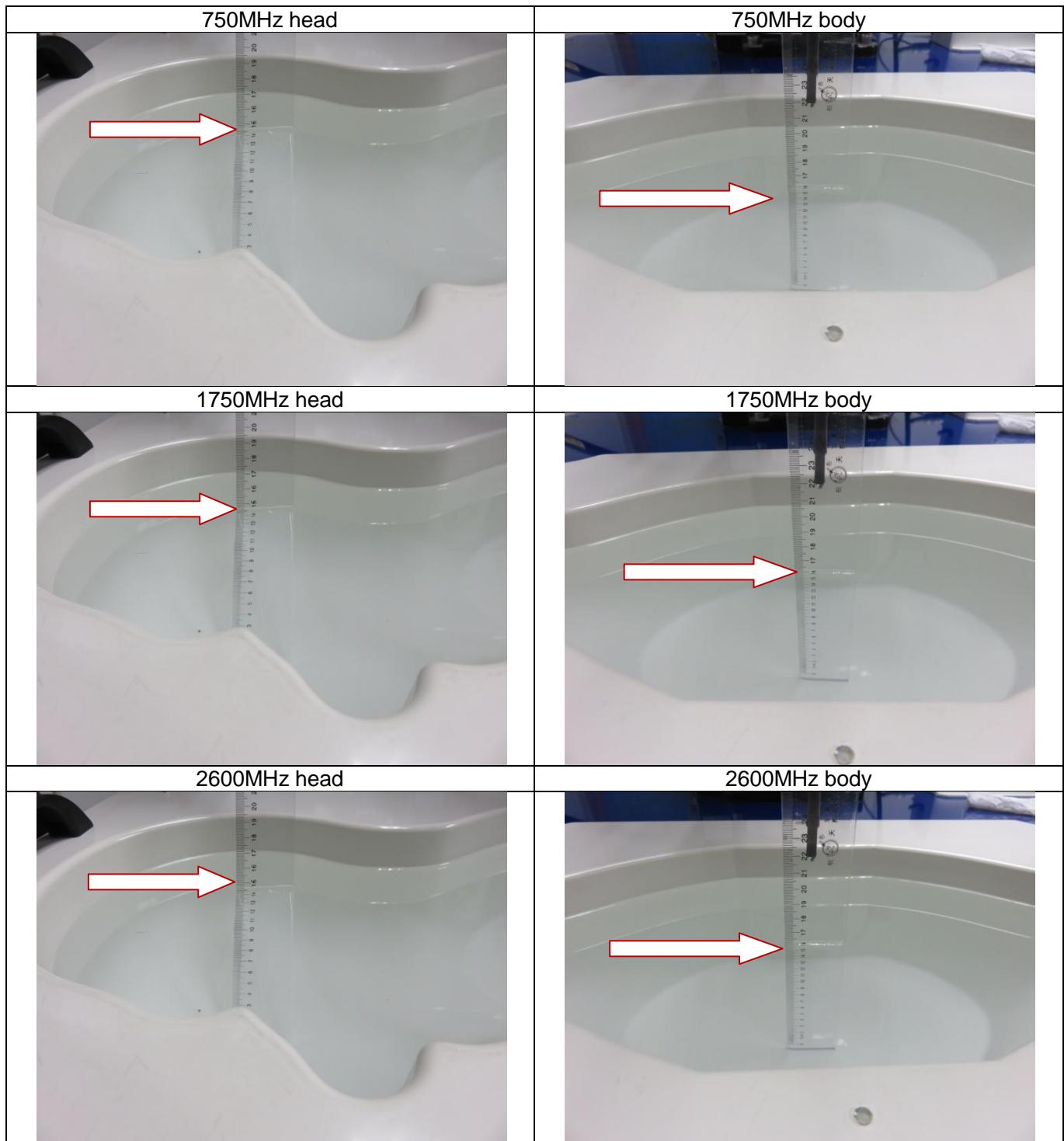
Edge 4(Left) 10mm



DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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

835MHz head	835MHz body
 A photograph of a white plastic phantom head containing a clear liquid. A vertical ruler is positioned vertically next to the phantom's ear area. A red arrow points to the water level in the phantom, which is approximately at the 15 cm mark on the ruler.	 A photograph of a white plastic phantom body containing a clear liquid. A vertical ruler is positioned vertically next to the phantom's side. A red arrow points to the water level in the phantom, which is approximately at the 15 cm mark on the ruler.
1900MHz head	1900MHz body
 A photograph of a white plastic phantom head containing a clear liquid. A vertical ruler is positioned vertically next to the phantom's ear area. A red arrow points to the water level in the phantom, which is approximately at the 15 cm mark on the ruler.	 A photograph of a white plastic phantom body containing a clear liquid. A vertical ruler is positioned vertically next to the phantom's side. A red arrow points to the water level in the phantom, which is approximately at the 15 cm mark on the ruler.
2450MHz head	2450MHz body
 A photograph of a white plastic phantom head containing a clear liquid. A vertical ruler is positioned vertically next to the phantom's ear area. A red arrow points to the water level in the phantom, which is approximately at the 15 cm mark on the ruler.	 A photograph of a white plastic phantom body containing a clear liquid. A vertical ruler is positioned vertically next to the phantom's side. A red arrow points to the water level in the phantom, which is approximately at the 15 cm mark on the ruler.



APPENDIX D. CALIBRATION DATA

Refer to Attached files.