

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

Date: May 23,2017

Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=4.92
Frequency: 1750 MHz; Medium parameters used: $f = 1750\text{MHz}$; $\sigma=1.37\text{mho/m}$; $\epsilon_r =40.31$; $\rho= 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 21.9, Liquid temperature ($^{\circ}\text{C}$): 21.0

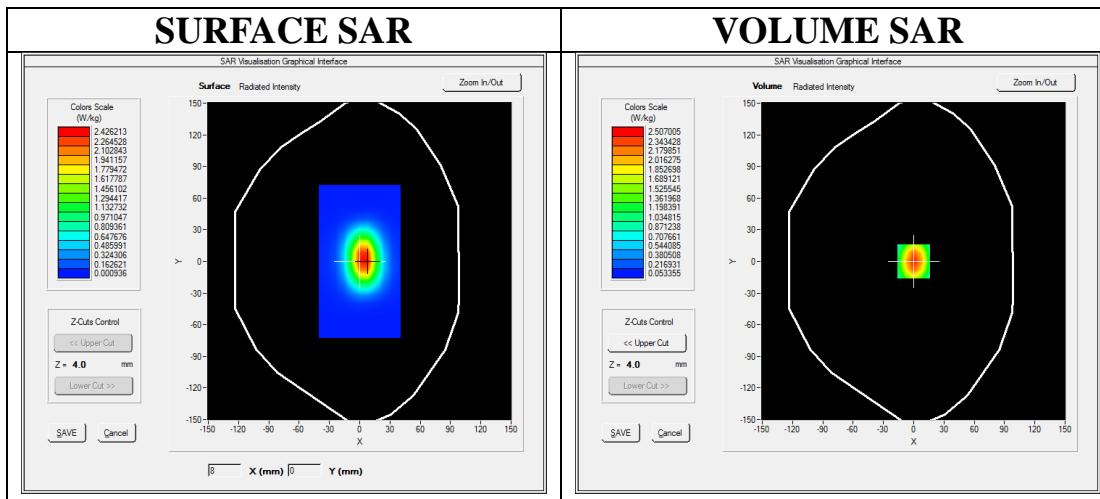
SATIMO Configuration:

Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

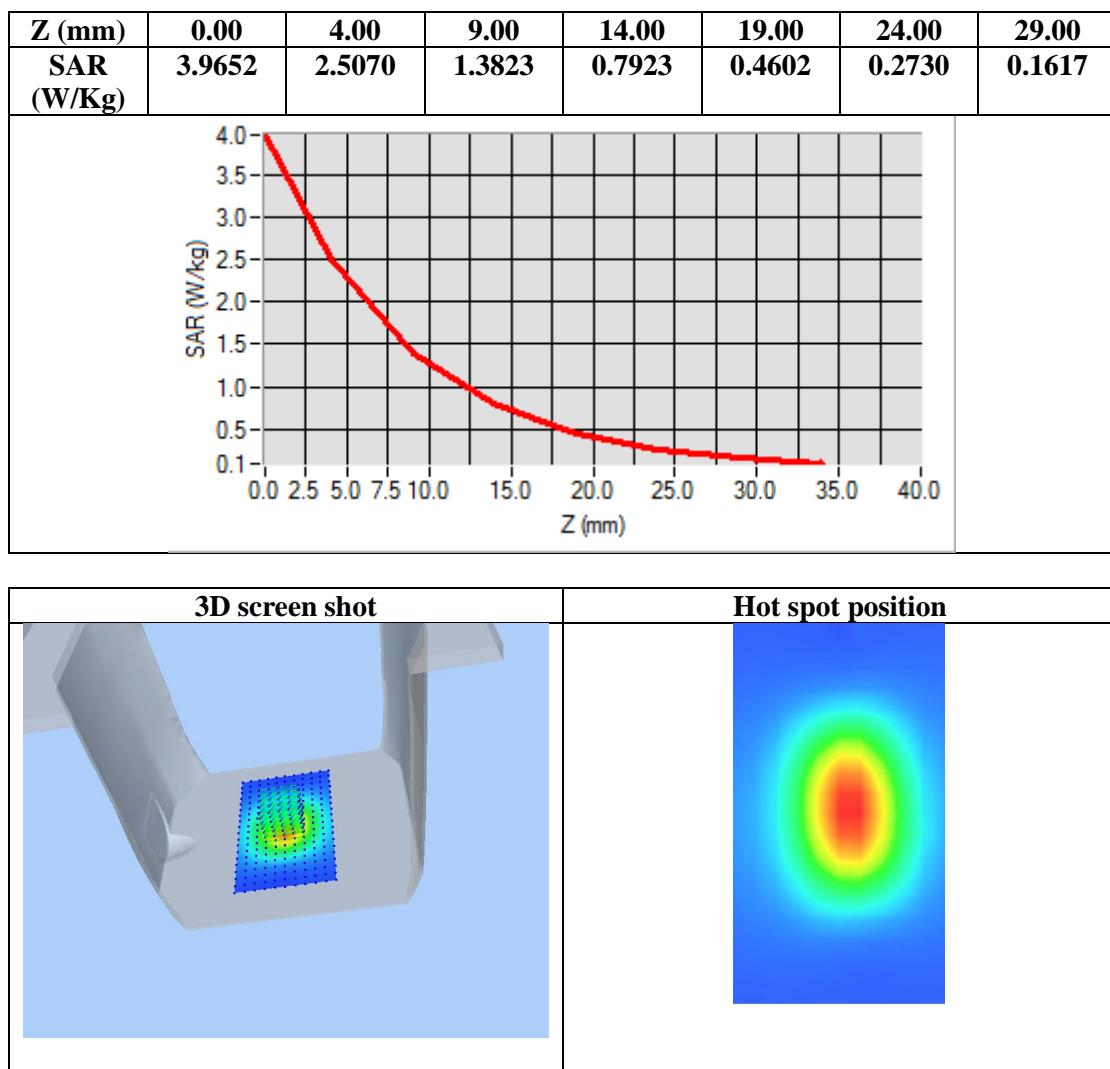
Configuration/System Check 1750MHz Head/Area Scan: Measurement grid: dx=8mm,dy=8mm

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



Maximum location: X=0.00, Y=0.00
SAR Peak: 3.93 W/kg

SAR 10g (W/Kg)	1.266398
SAR 1g (W/Kg)	2.368302



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

Date: May 23,2017

Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle:1:1; Conv.F=5.06
Frequency: 1750MHz; Medium parameters used: $f = 1750\text{MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 52.49$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 21.9, Liquid temperature ($^{\circ}\text{C}$): 20.9

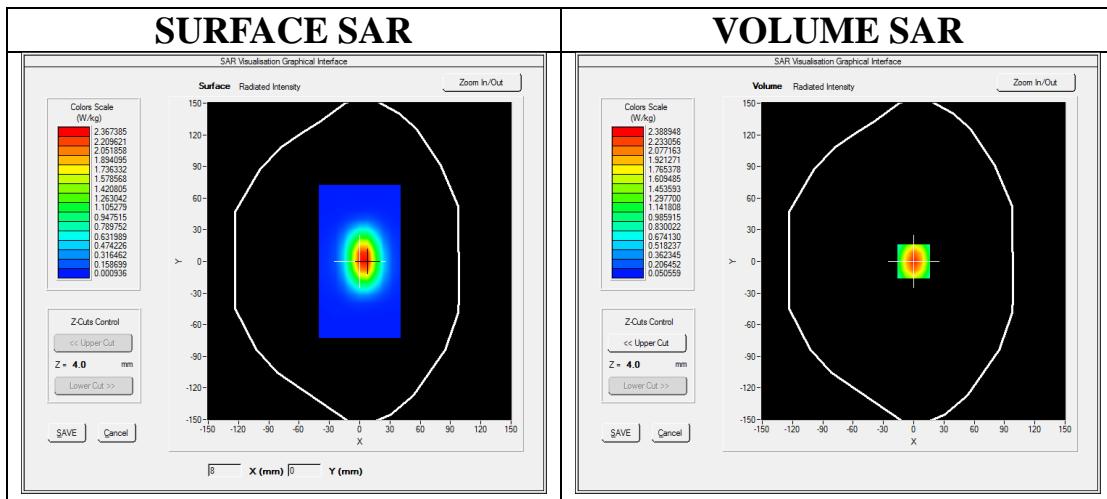
SATIMO Configuration:

Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

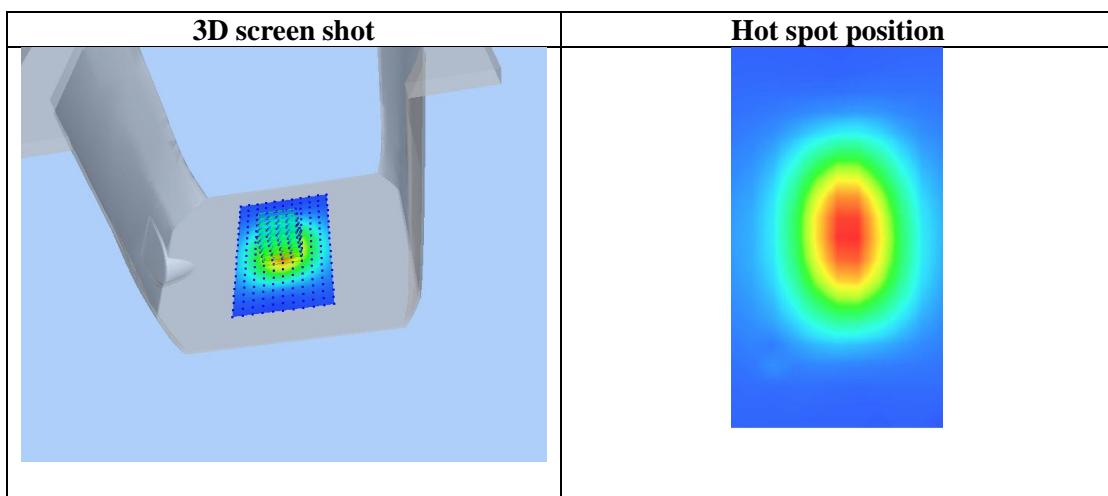
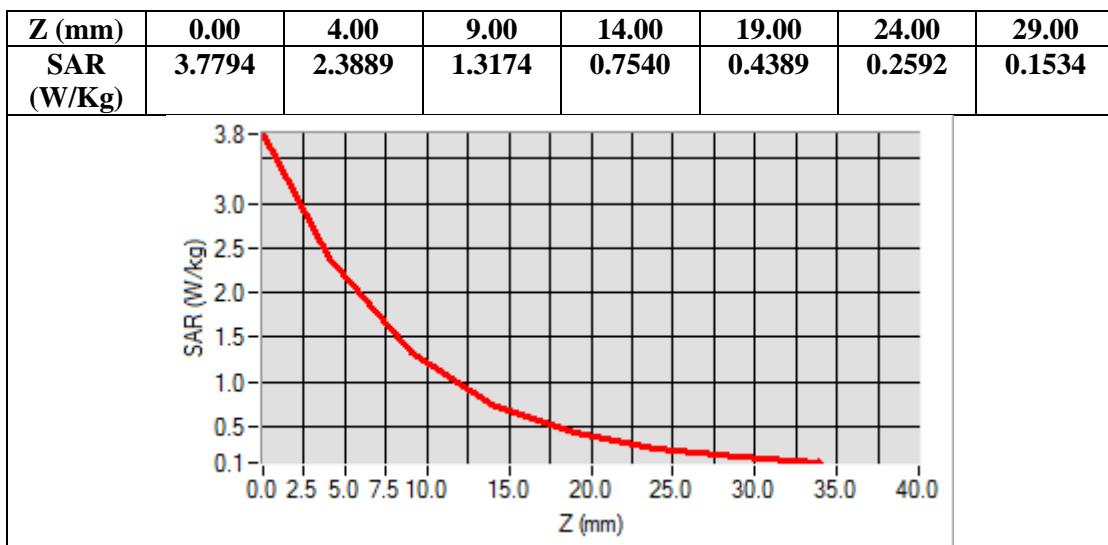
Configuration/System Check 1750MHz Body/Area Scan: Measurement grid: dx=8mm,dy=8mm

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



Maximum location: X=0.00, Y=0.00
SAR Peak: 3.75 W/kg

SAR 10g (W/Kg)	1.206994
SAR 1g (W/Kg)	2.255578



Test Laboratory: AGC Lab
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900

Date: May 04,2017

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.14
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma=1.42$ mho/m; $\epsilon_r =39.34$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.0, Liquid temperature (°C): 20.7

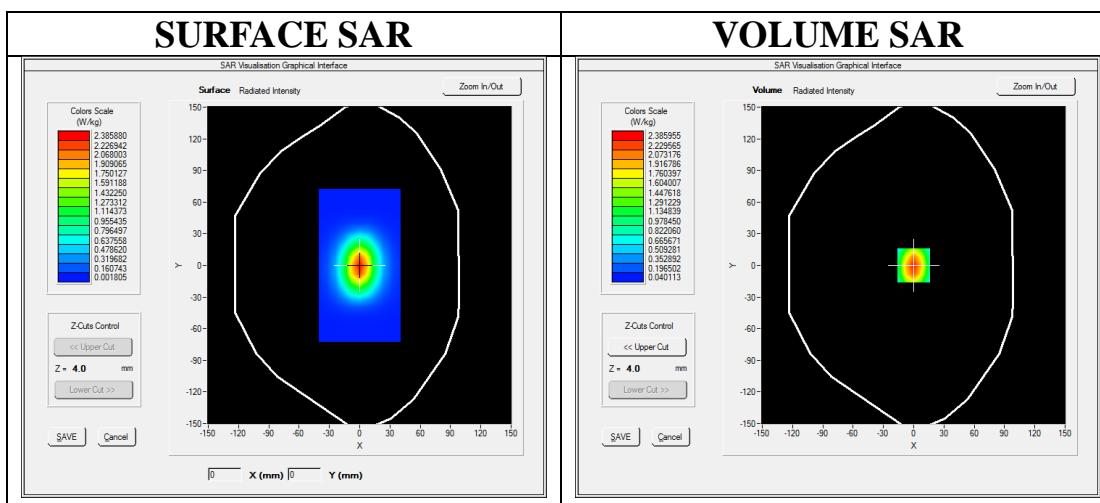
SATIMO Configuration:

Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

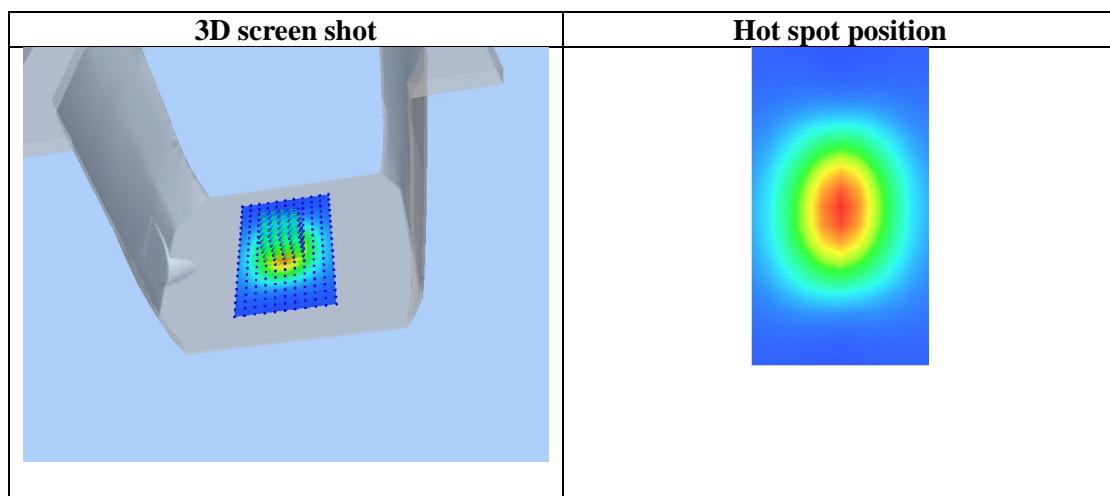
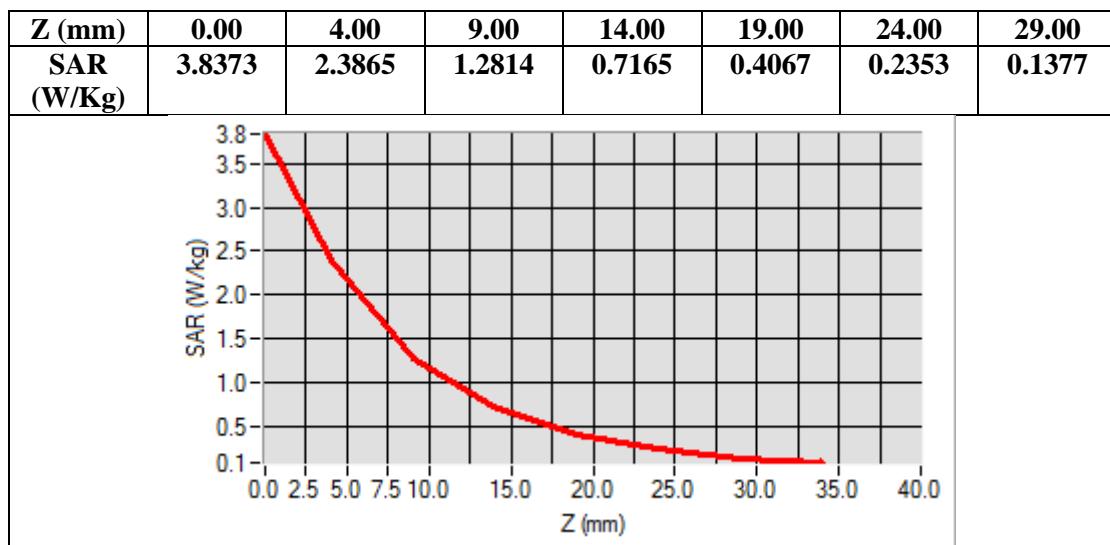
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm

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



Maximum location: X=0.00, Y=0.00
SAR Peak: 3.84 W/kg

SAR 10g (W/Kg)	1.310576
SAR 1g (W/Kg)	2.383423



Test Laboratory: AGC Lab
System Check Body 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900

Date: May 04,2017

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.34
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma=1.51\text{mho/m}$; $\epsilon_r = 52.85$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$):22.0 , Liquid temperature ($^{\circ}\text{C}$): 20.9

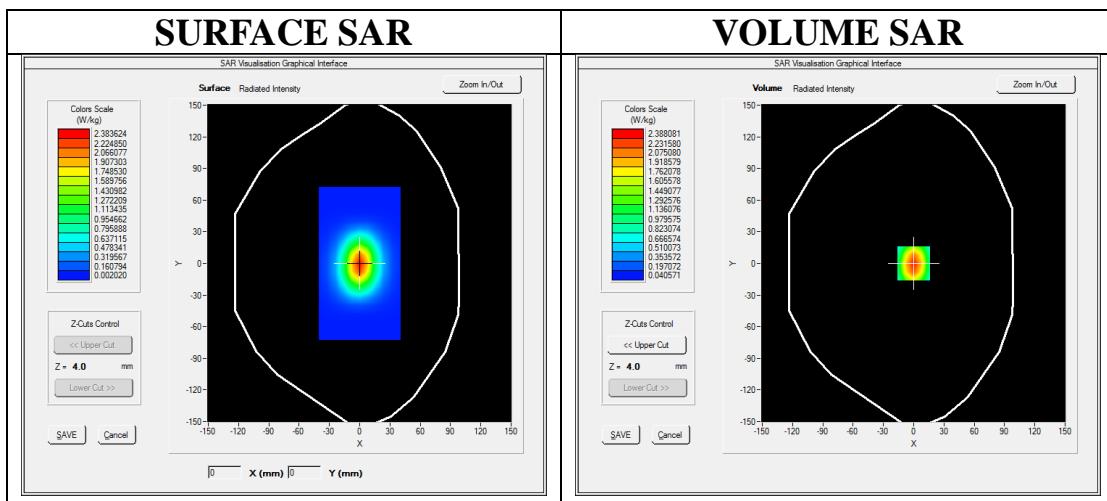
SATIMO Configuration:

Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

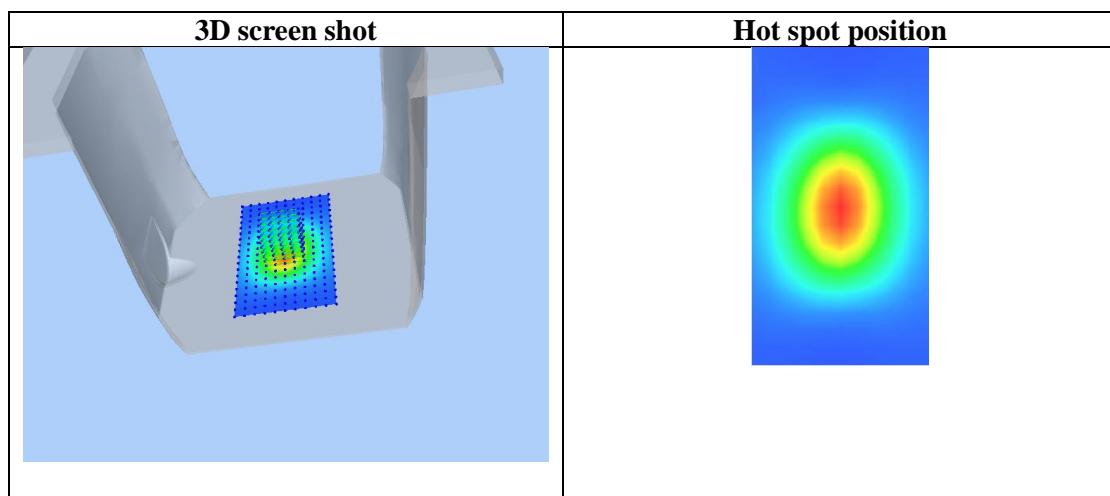
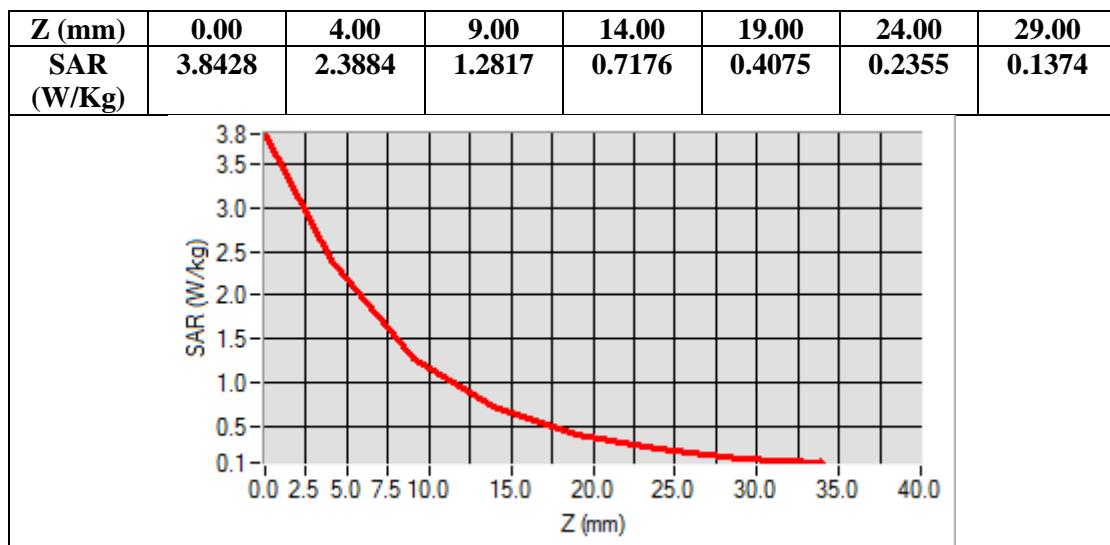
Configuration/System Check 1900MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm

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: 3.78 W/kg

SAR 10g (W/Kg)	1.282394
SAR 1g (W/Kg)	2.326669



Test Laboratory: AGC Lab
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900

Date: May 15,2017

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.14
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma=1.43\text{mho/m}$; $\epsilon_r = 39.36$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$):22.6, Liquid temperature ($^{\circ}\text{C}$): 21.7

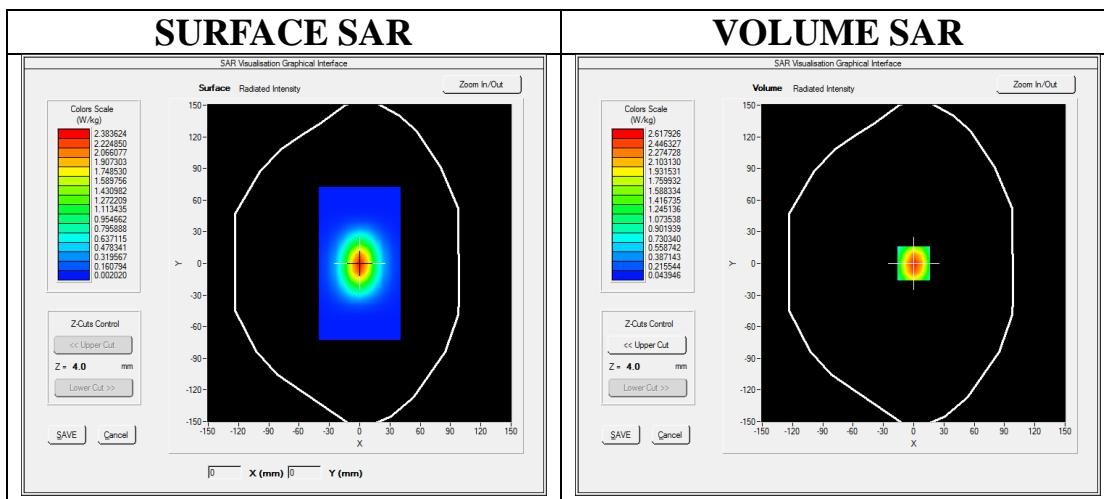
SATIMO Configuration:

Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

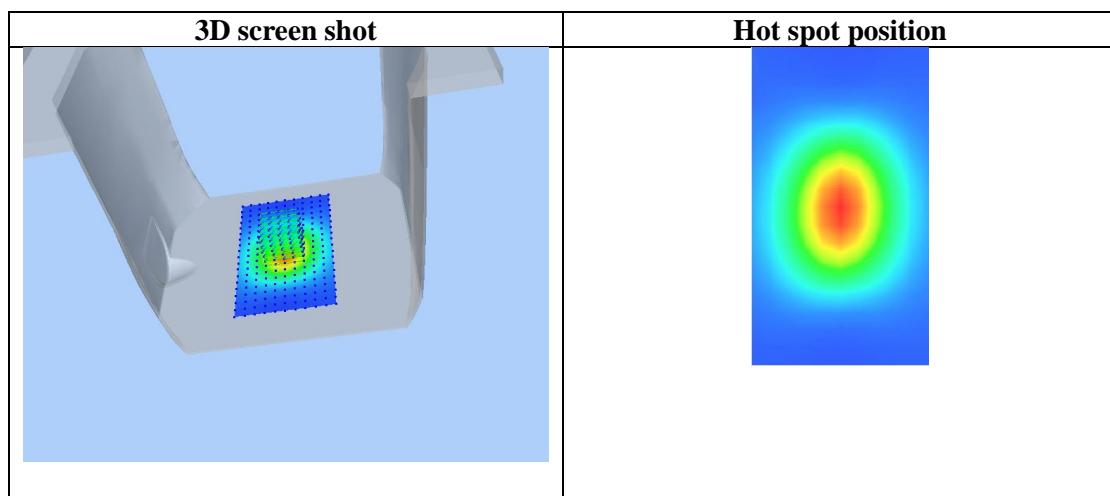
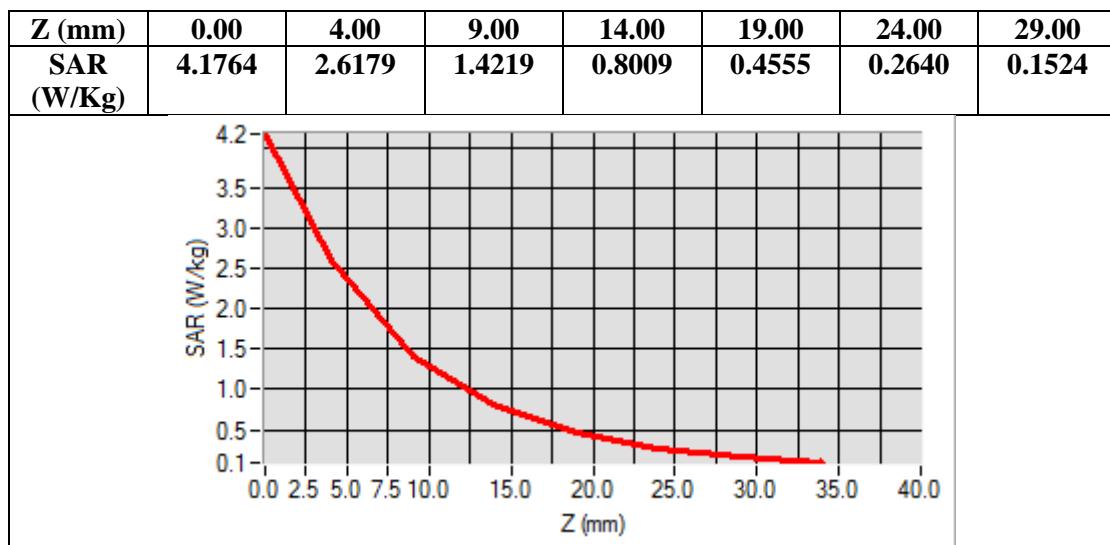
Configuration/System Check 1900MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm

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



Maximum location: X=0.00, Y=0.00
SAR Peak: 4.15 W/kg

SAR 10g (W/Kg)	1.305429
SAR 1g (W/Kg)	2.483810



Test Laboratory: AGC Lab
System Check Body 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900

Date: May 15,2017

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=5.34
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma=1.52\text{mho/m}$; $\epsilon_r=52.88$; $\rho=1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$):22.6, Liquid temperature ($^{\circ}\text{C}$): 21.6

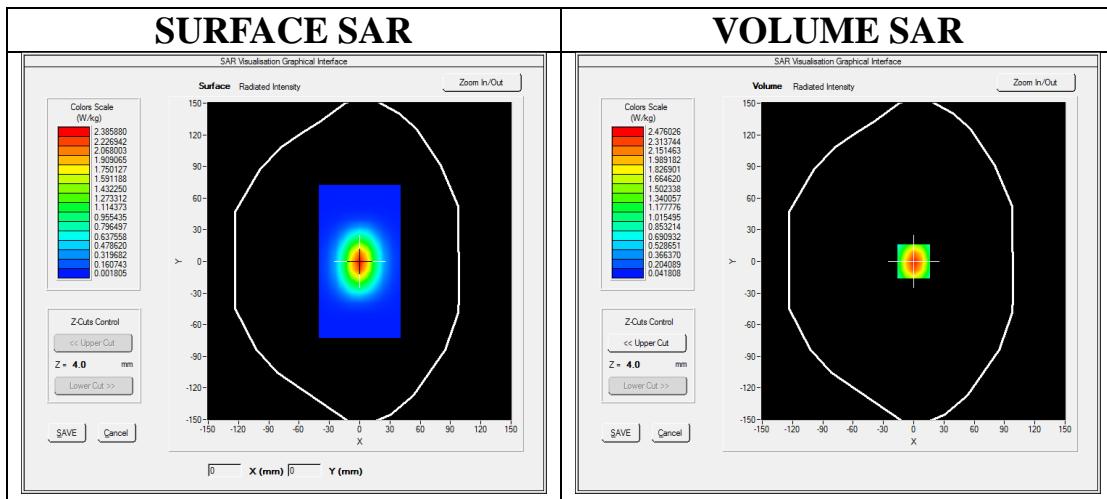
SATIMO Configuration:

Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

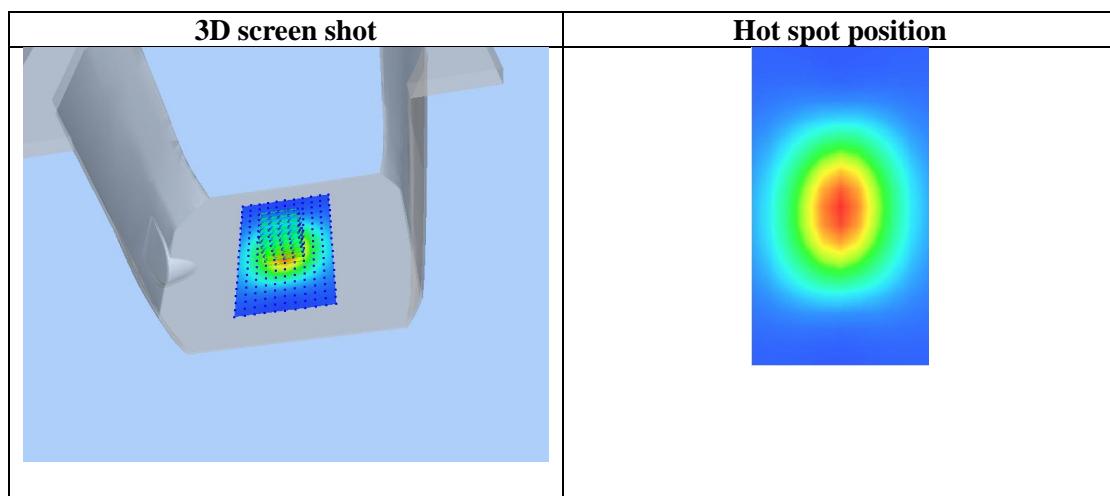
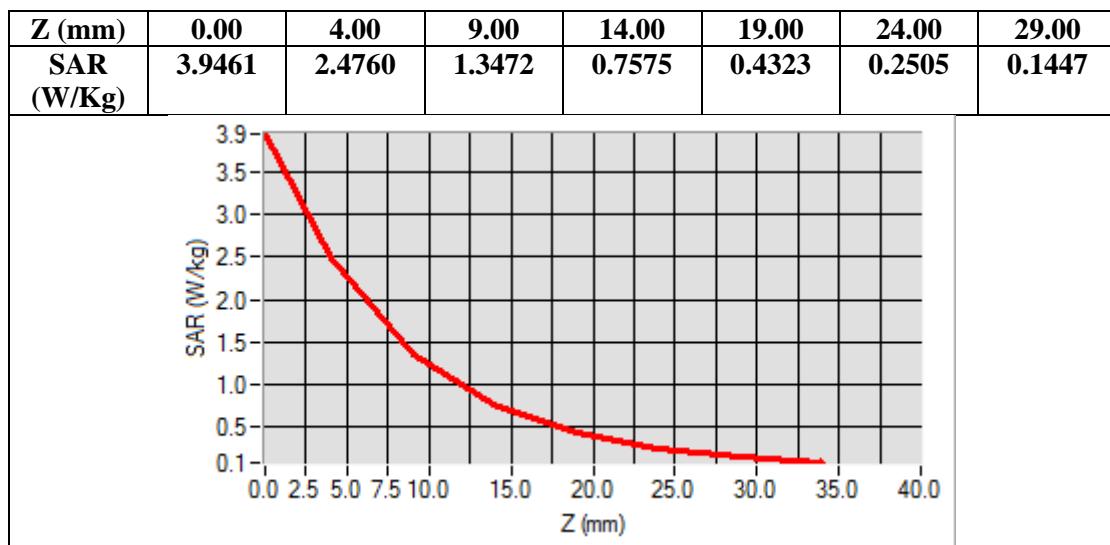
Configuration/System Check 1900MHz Body/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

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



Maximum location: X=0.00, Y=0.00
SAR Peak: 3.92 W/kg

SAR 10g (W/Kg)	1.235198
SAR 1g (W/Kg)	2.349709



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

Date: May 02,2017

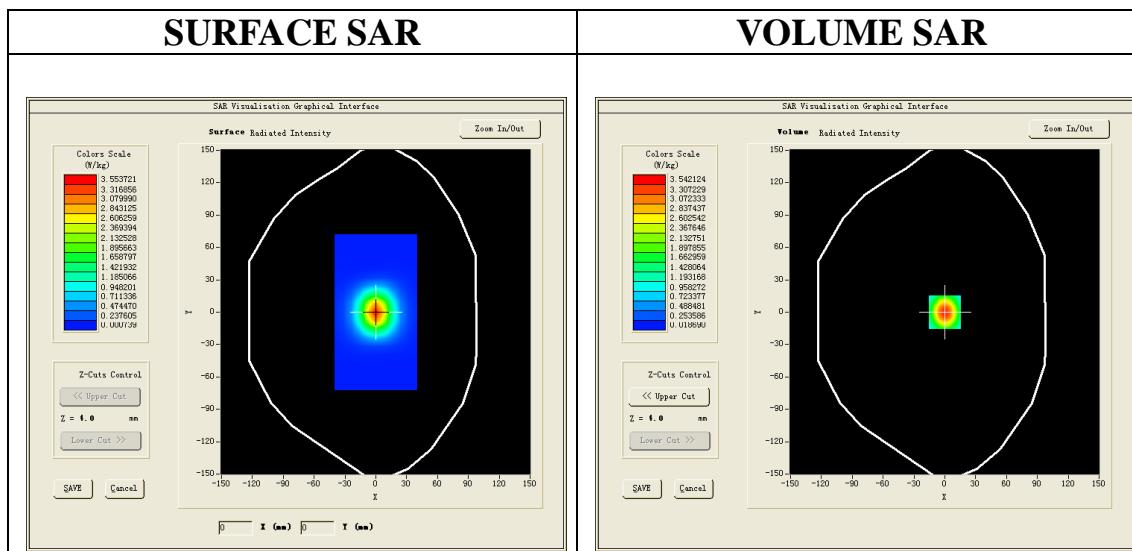
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=5.19
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma=1.80$ mho/m; $\epsilon_r =39.38$; $\rho=1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.1, Liquid temperature (°C): 21.2

SATIMO Configuration

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- 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

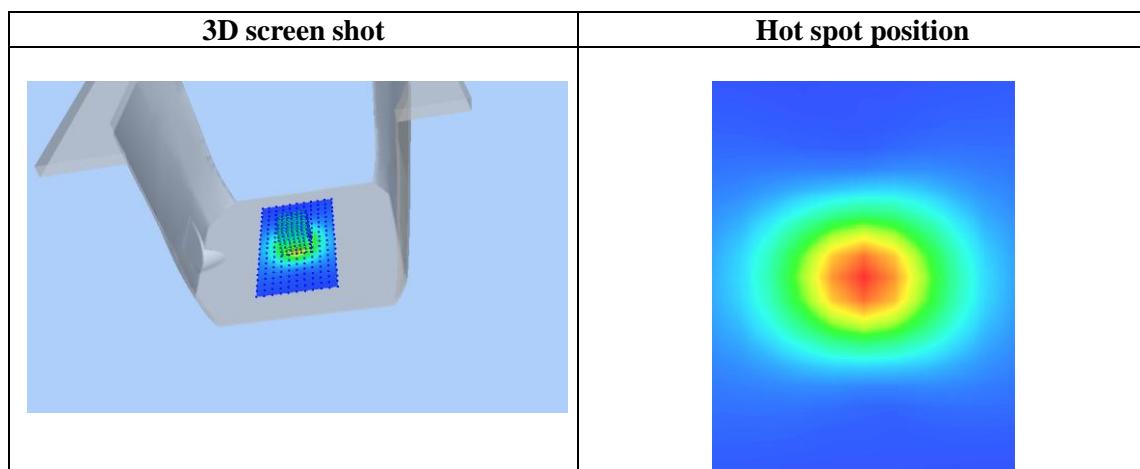
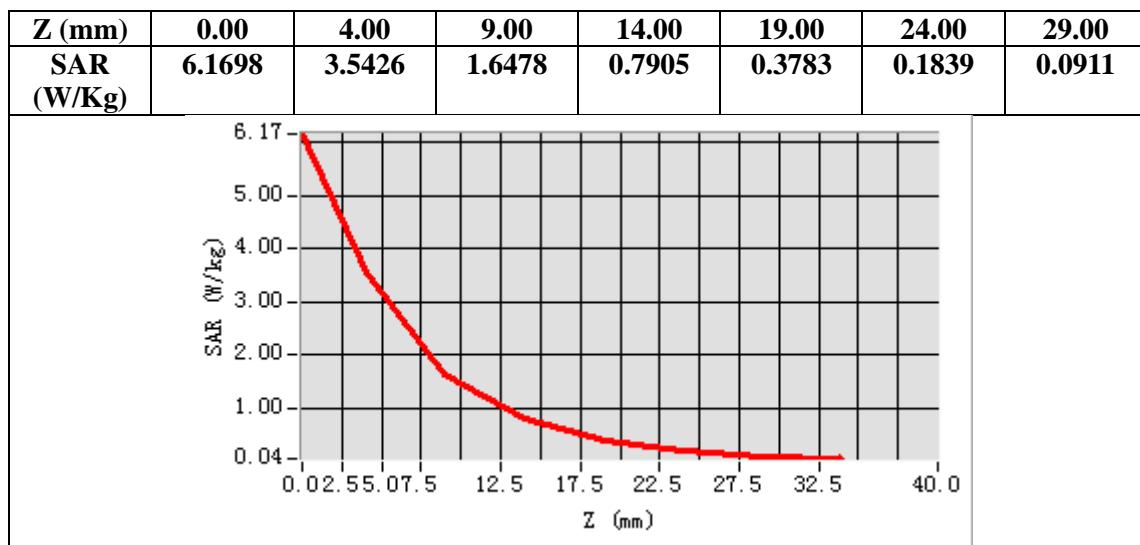
Configuration/System Check 2450MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm



Maximum location: X=0.00, Y=0.00

SAR Peak: 6.16 W/kg

SAR 10g (W/Kg)	1.542388
SAR 1g (W/Kg)	3.291126



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

Date: May 02,2017

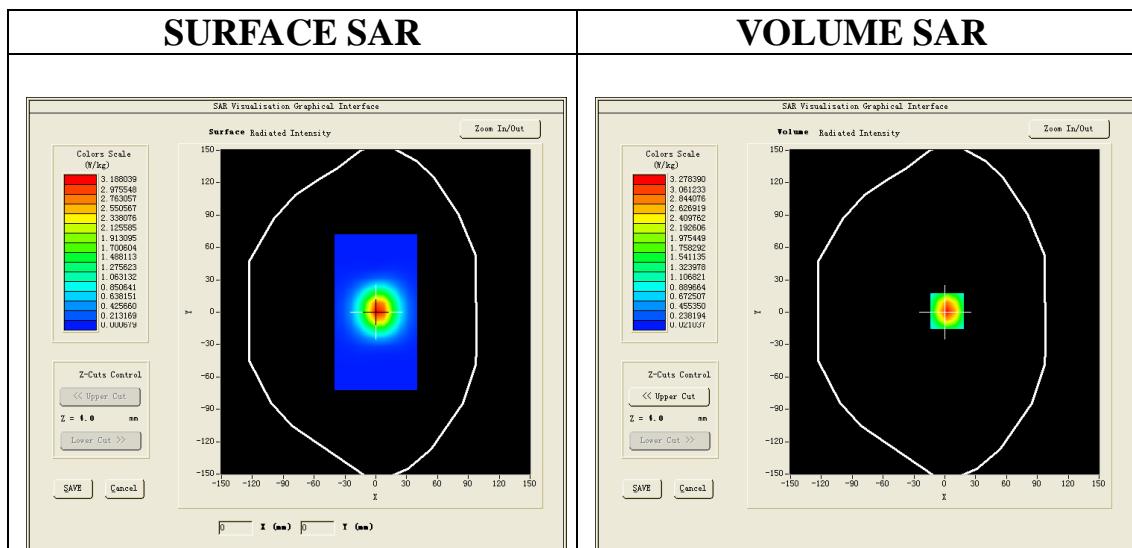
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=5.33
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma=1.93$ mho/m; $\epsilon_r =52.45$; $\rho=1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):22.1, Liquid temperature (°C): 20.9

SATIMO Configuration

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

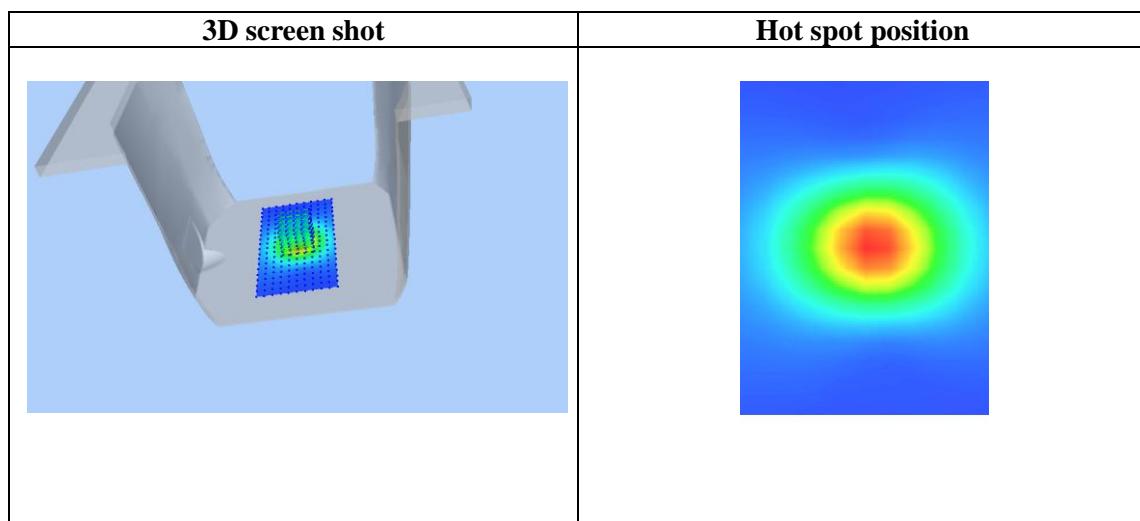
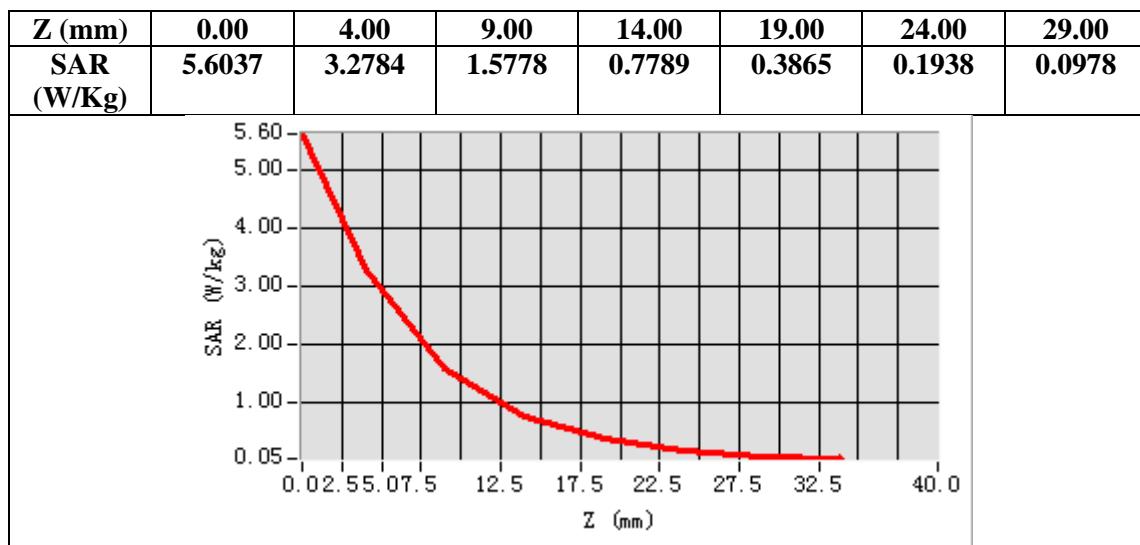
Configuration/System Check 2450MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm

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: 5.58 W/kg

SAR 10g (W/Kg)	1.471365
SAR 1g (W/Kg)	3.145882



APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab
GSM 850 Mid-Touch-Left <SIM 1>
DUT: 4G Smart Phone; **Type:** AGM A8

Date: May 16,2017

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.72; Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma=0.91$ mho/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³; Phantom section: Left Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.5

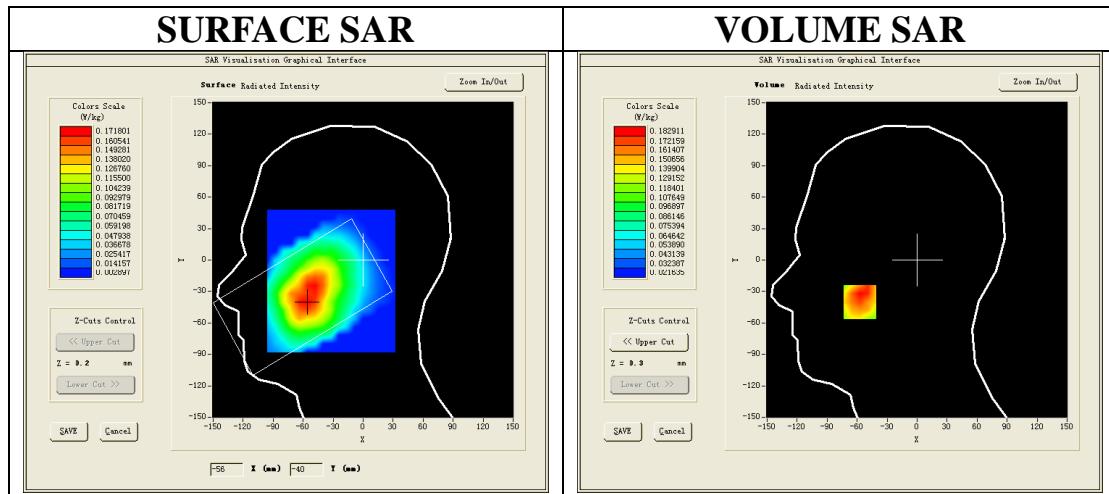
SATIMO Configuration

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

Configuration/GSM 850 Mid-Touch-Left/Zoom Scan : Measurement grid: dx=8mm,dy=8mm, dz=5mm

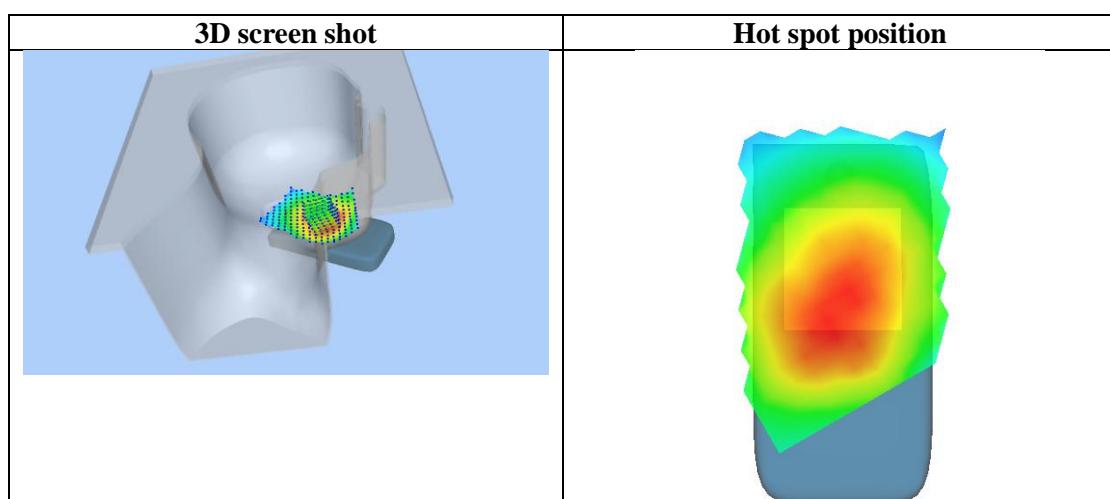
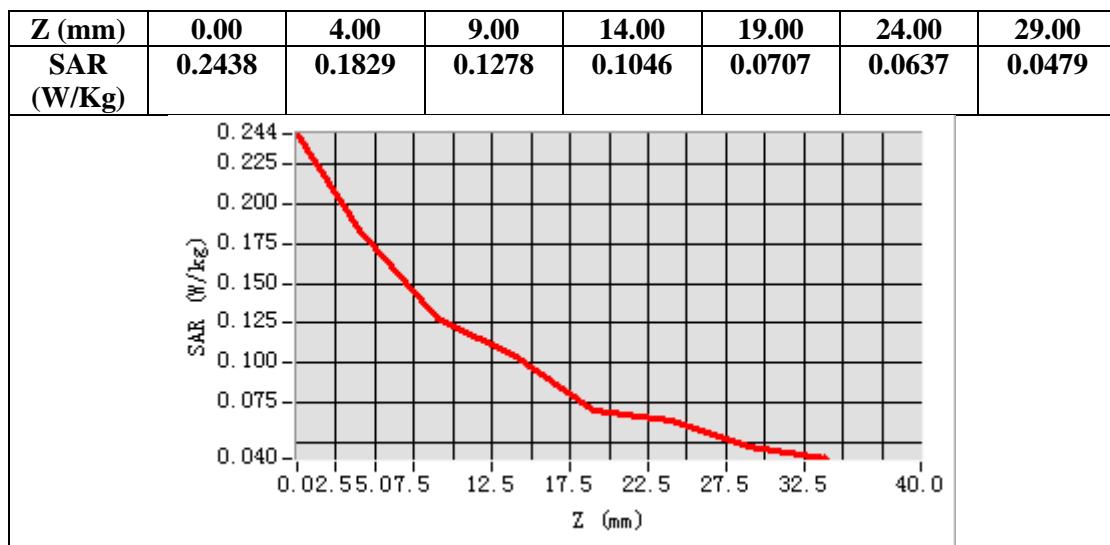
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-57.00, Y=-40.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.125654
SAR 1g (W/Kg)	0.179057



Test Laboratory: AGC Lab
GSM 850 Mid- Body- Back (MS)<SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 16,2017

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=5.94; Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.54$; $\rho = 1000$ kg/m³ ; Phantom section: Flat Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.6

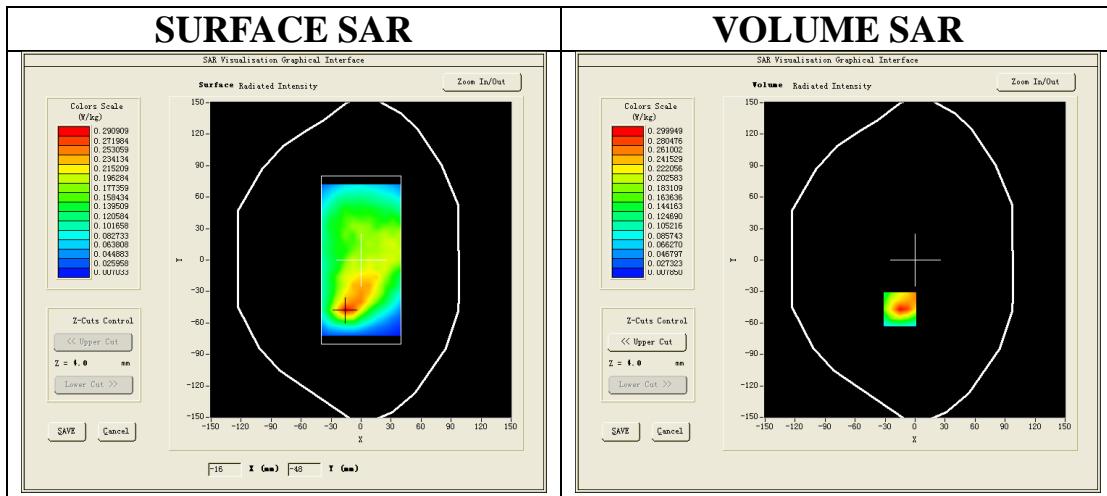
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

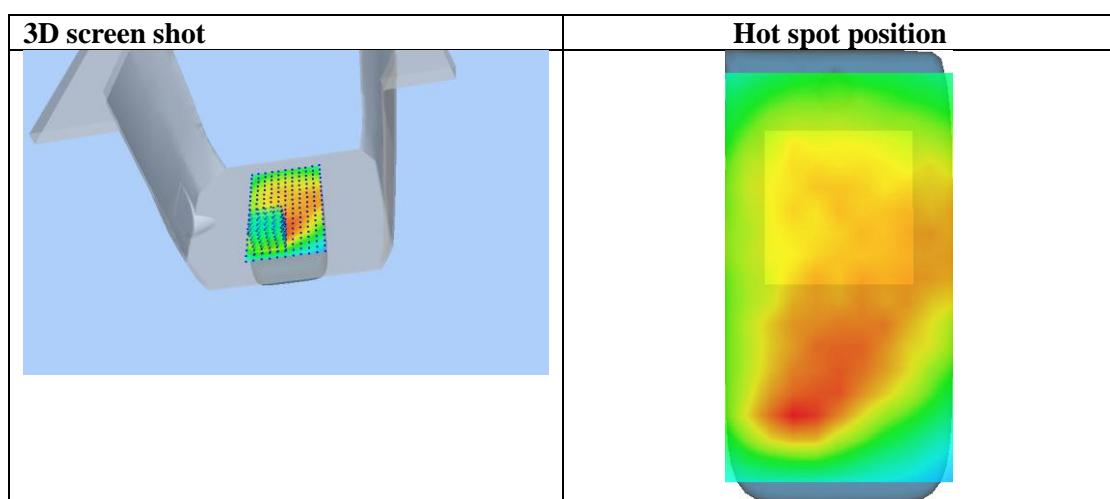
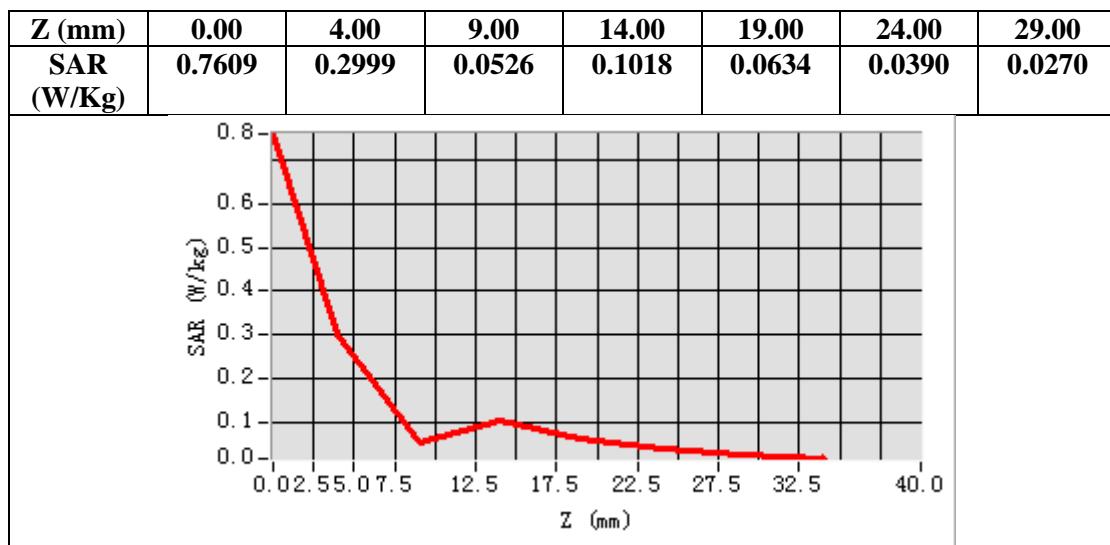
Configuration/GSM 850 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-15.00, Y=-47.00
SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.156174
SAR 1g (W/Kg)	0.313225



Test Laboratory: AGC Lab
GPRS 850 Mid-Touch-Right (2up) <SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 16,2017

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=5.72
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³;
Phantom section: Right Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.5

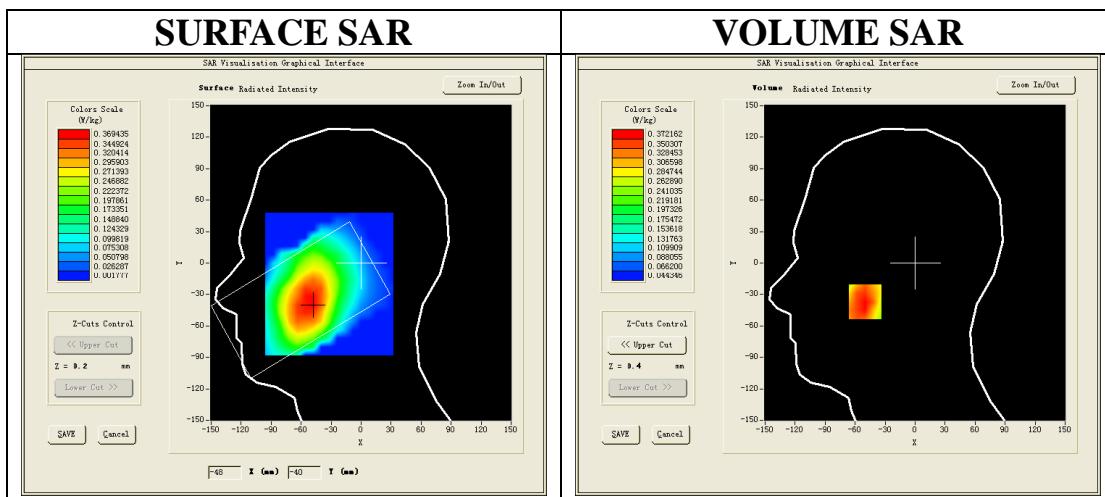
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

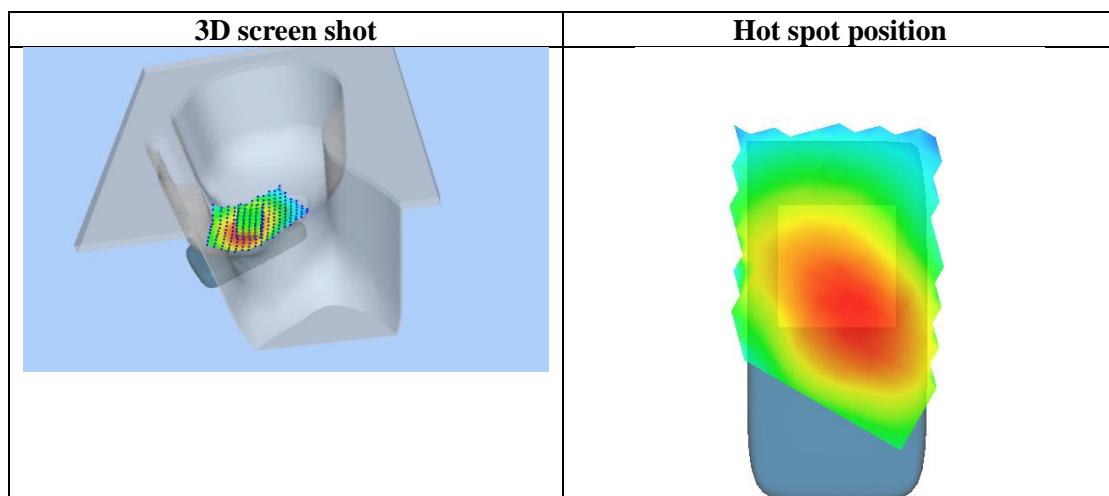
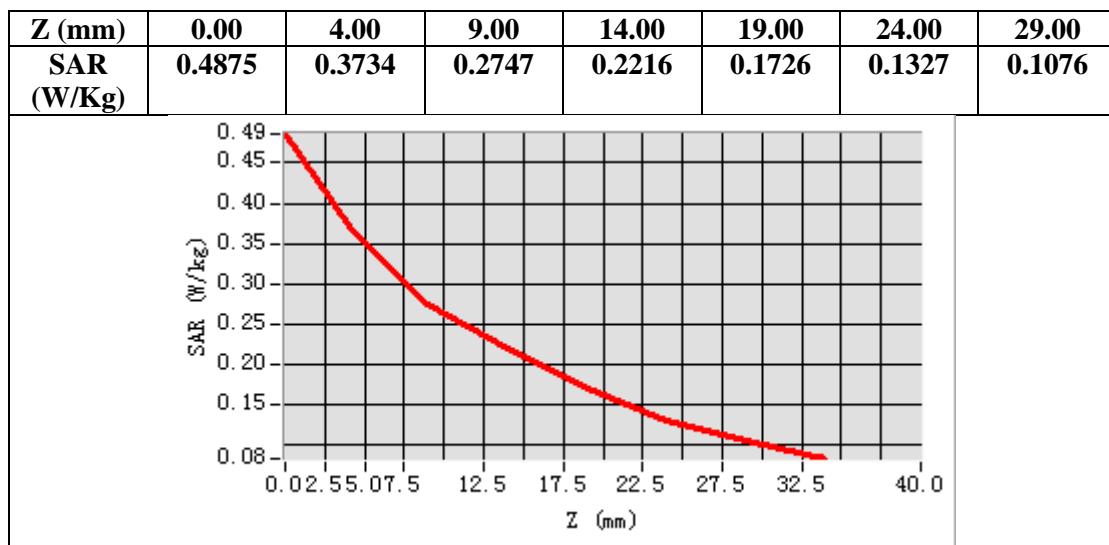
Configuration/GPRS 850 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=-50.00, Y=-37.00
SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.276128
SAR 1g (W/Kg)	0.375364



Test Laboratory: AGC Lab
GPRS 850 Mid- Body- Back (2up) <SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 16,2017

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=5.94;
 Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.54$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section
 Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.6

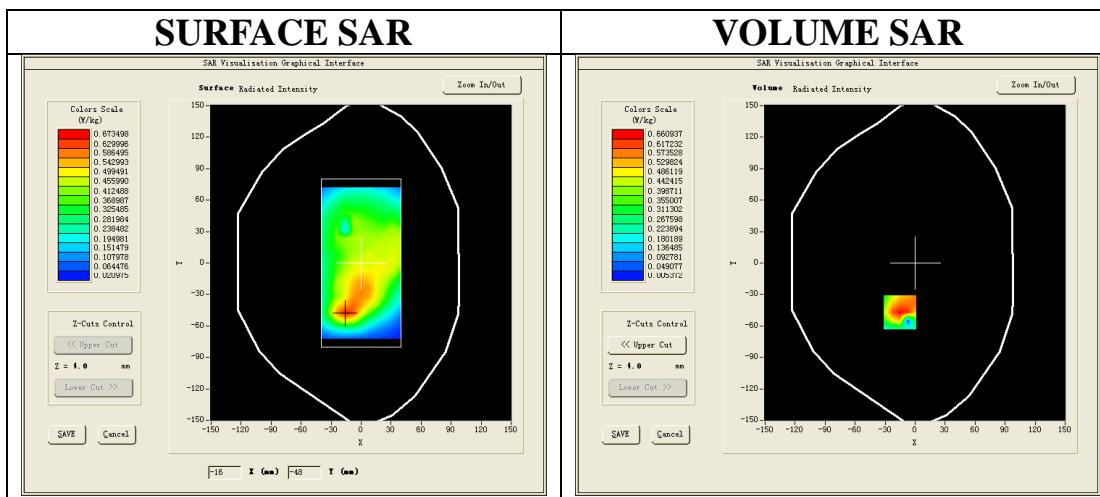
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

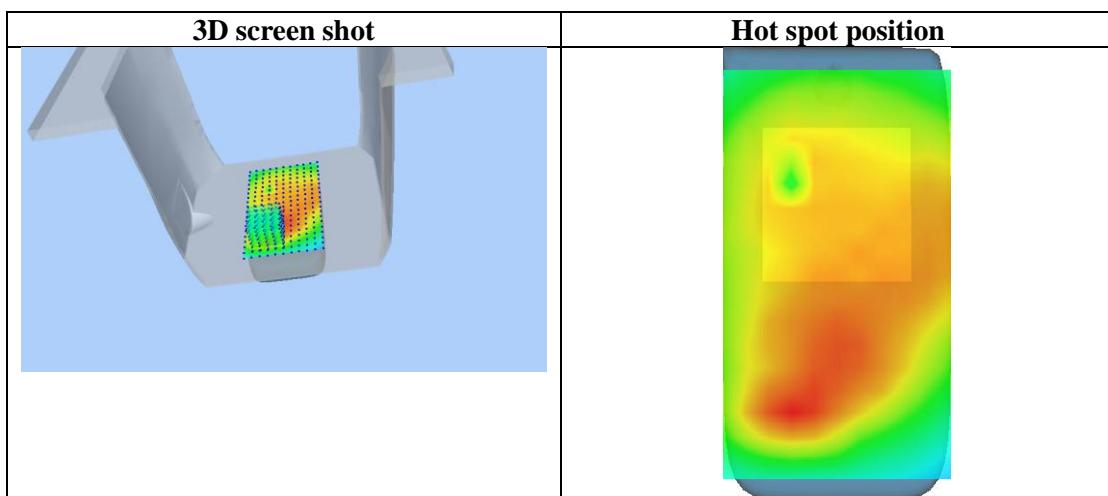
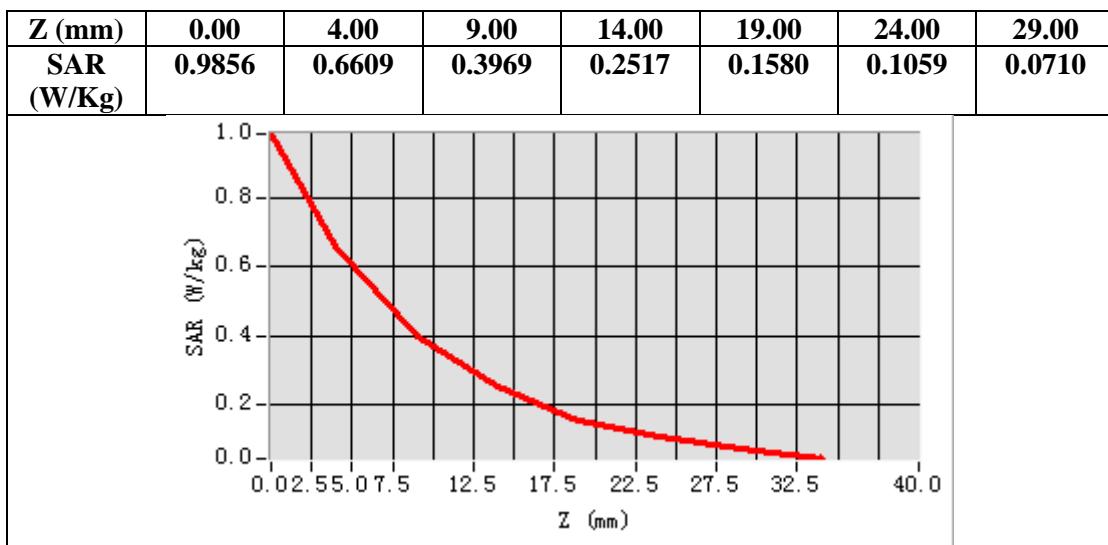
Configuration/GPRS 850 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=-15.00, Y=-47.00
SAR Peak: 1.07 W/kg

SAR 10g (W/Kg)	0.358621
SAR 1g (W/Kg)	0.612658



Test Laboratory: AGC Lab
GPRS 850 Mid-Touch-Right (2up) <SIM 2>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 16,2017

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=5.72
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³;
Phantom section: Right Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.5

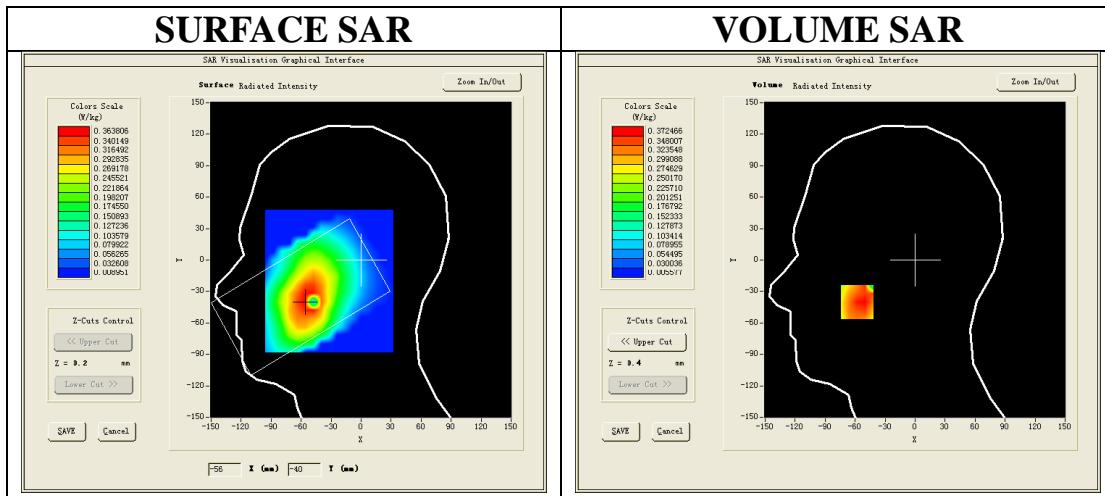
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

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

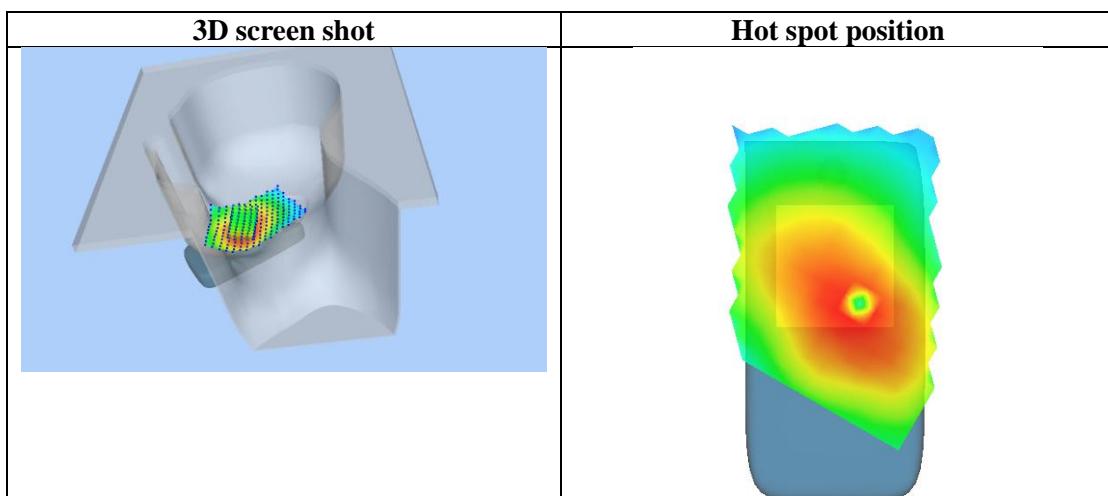
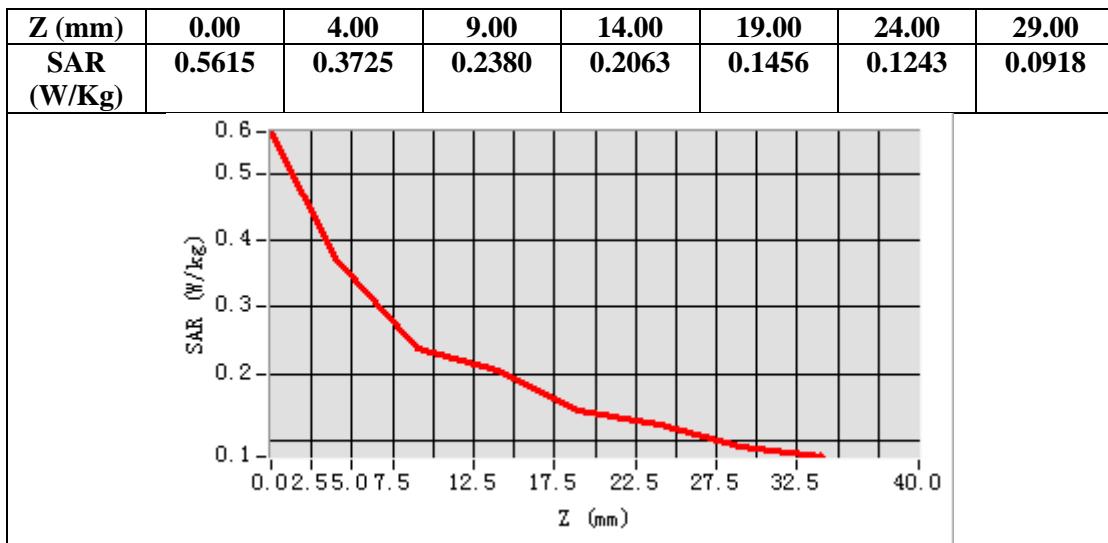
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=-58.00, Y=-40.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.261047
SAR 1g (W/Kg)	0.361246



Test Laboratory: AGC Lab
GPRS 850 Mid- Body- Back (2up) <SIM 2>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 16,2017

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2; Conv.F=5.94;
 Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.54$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section
 Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.6

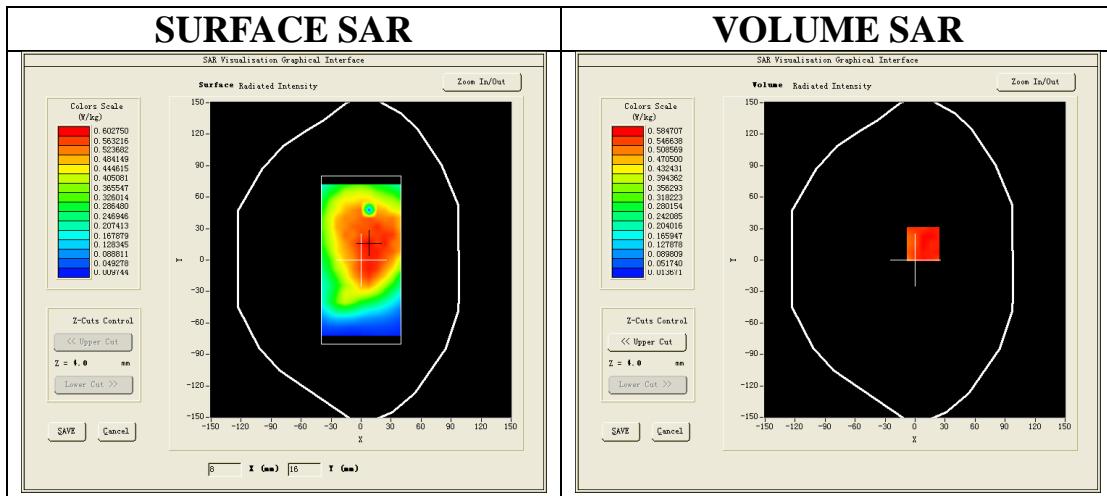
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

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

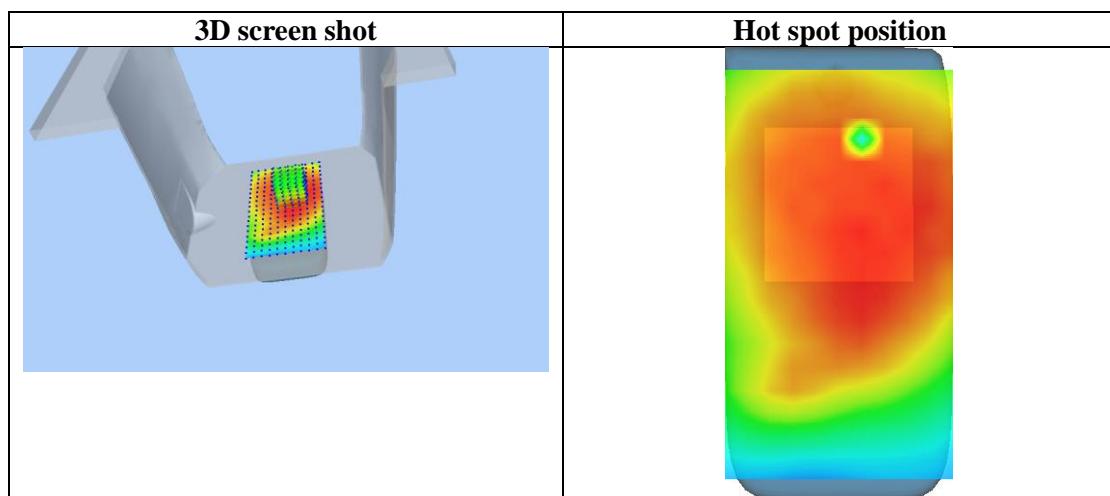
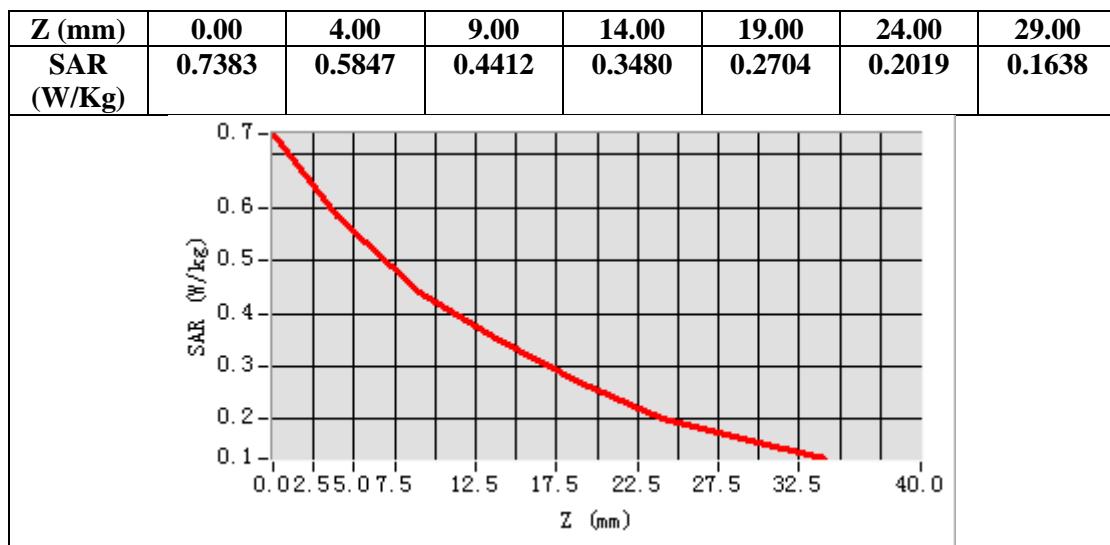
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=8.00, Y=15.00

SAR Peak: 0.78 W/kg

SAR 10g (W/Kg)	0.418937
SAR 1g (W/Kg)	0.566780



Test Laboratory: AGC Lab
PCS 1900 Mid-Touch-Right <SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.14;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.11$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.7

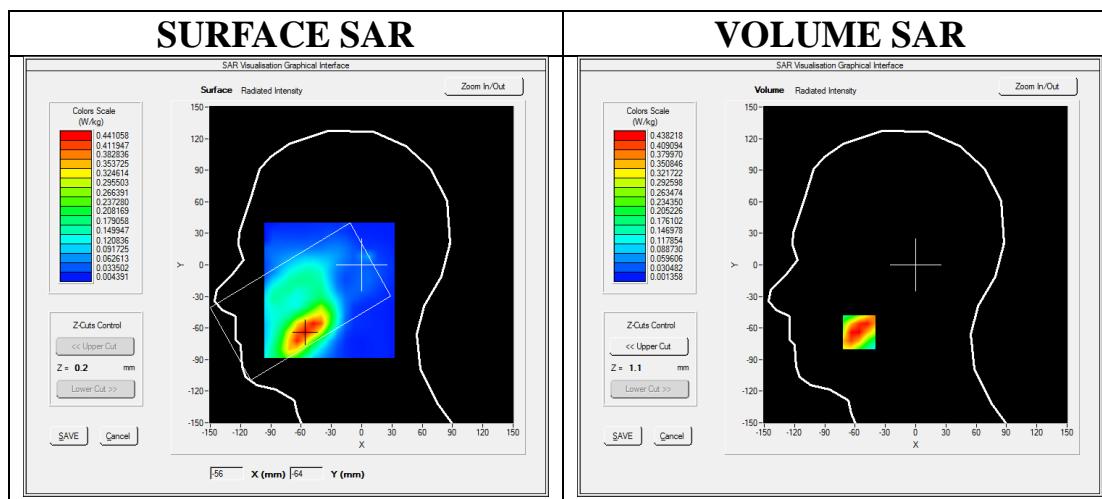
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- 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;

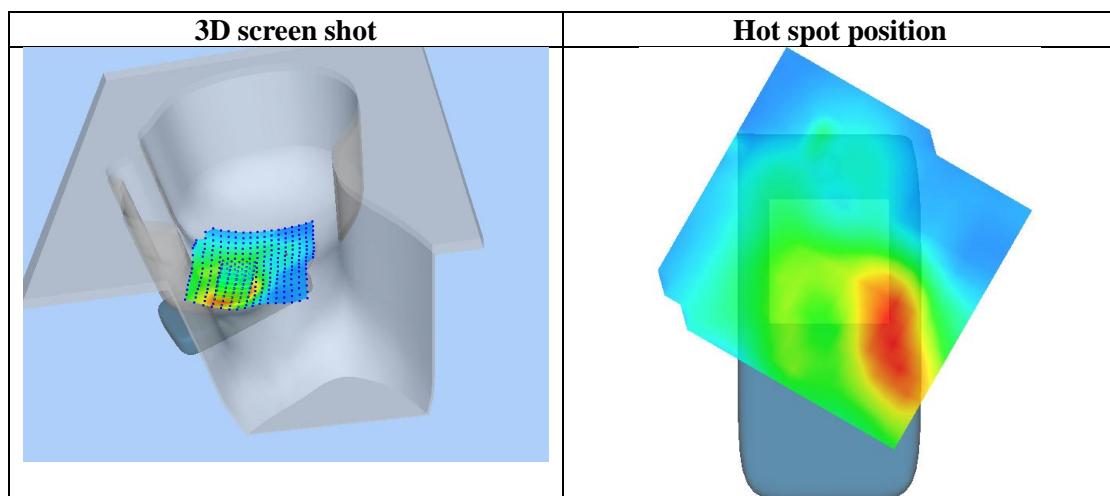
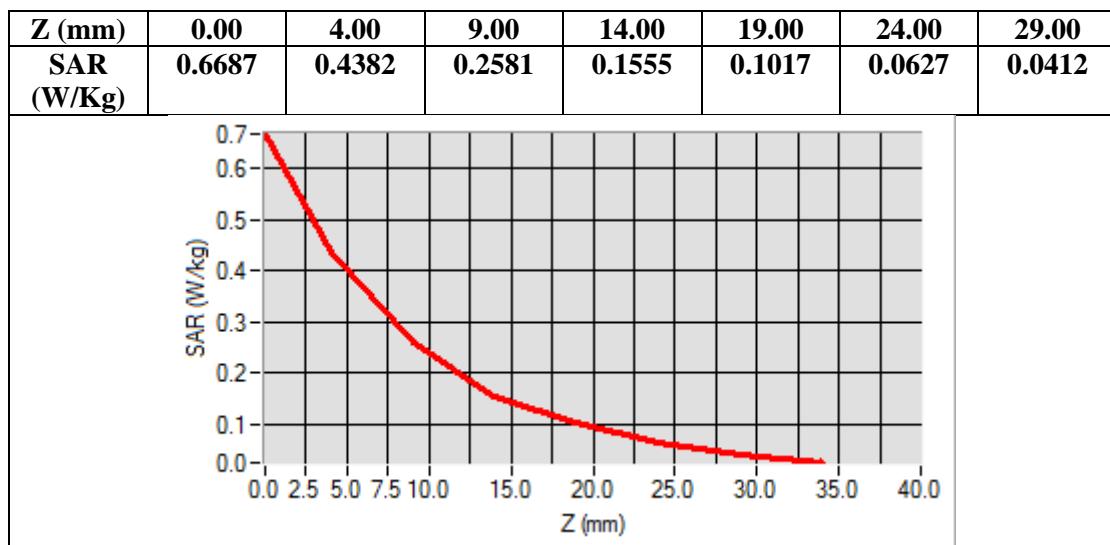
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-56.00, Y=-64.00

SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	0.242888
SAR 1g (W/Kg)	0.439996



Test Laboratory: AGC Lab
PCS 1900 Mid-Body-Back (MS)<SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.34;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 53.12$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.9

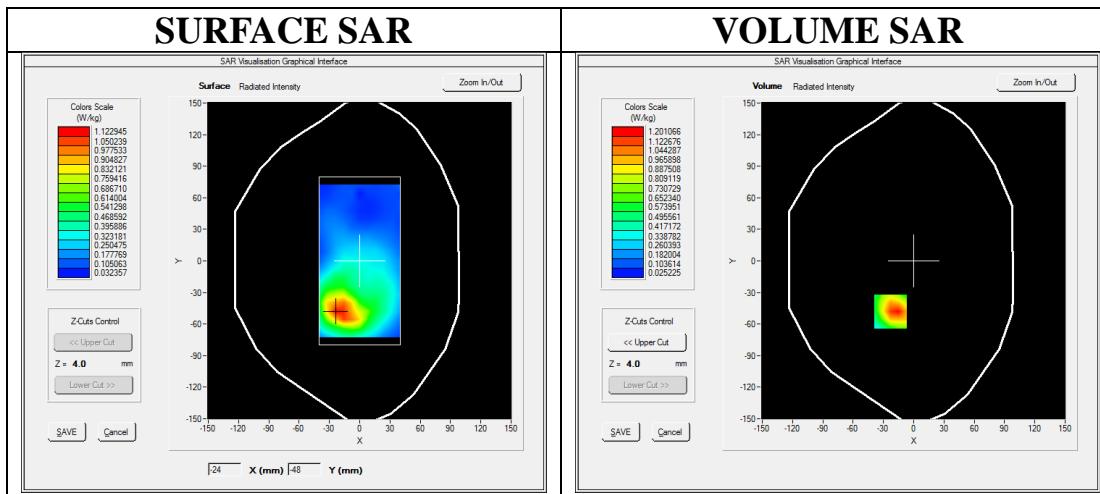
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

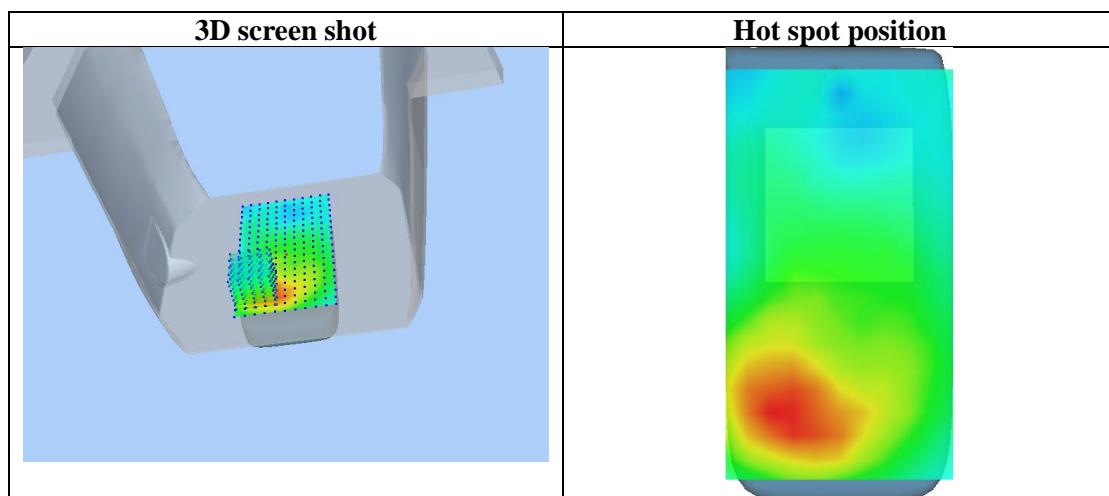
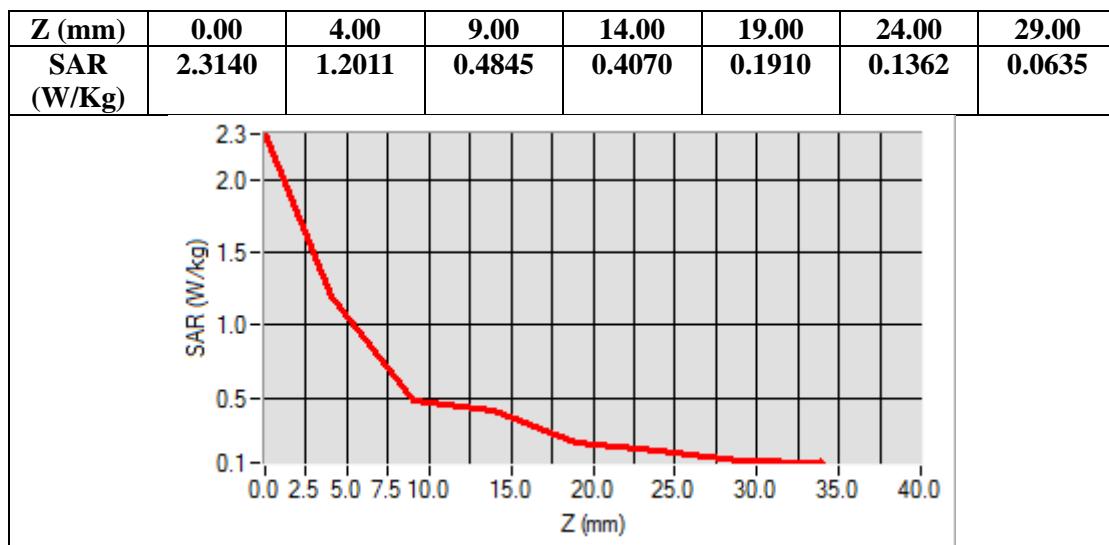
Configuration/PCS1900 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-23.00, Y=-48.00
SAR Peak: 1.84 W/kg

SAR 10g (W/Kg)	0.617465
SAR 1g (W/Kg)	1.121229



Test Laboratory: AGC Lab
GPRS1900 Mid-Touch-Right (2up) <SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: GPRS-2Slot; Communication System Band: PCS 1900; Duty Cycle: 1:4.2; Conv.F=5.14;
 Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.11$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section
 Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.7

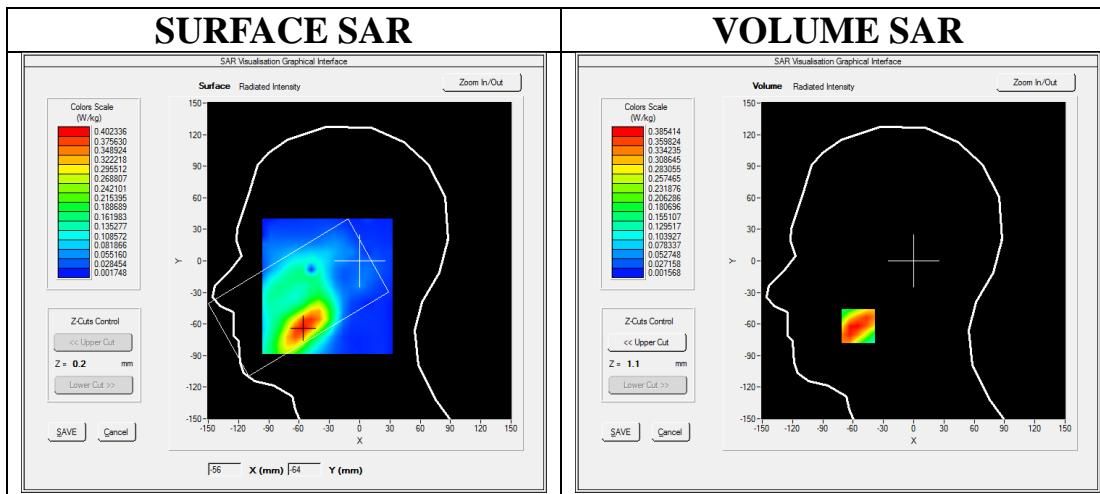
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

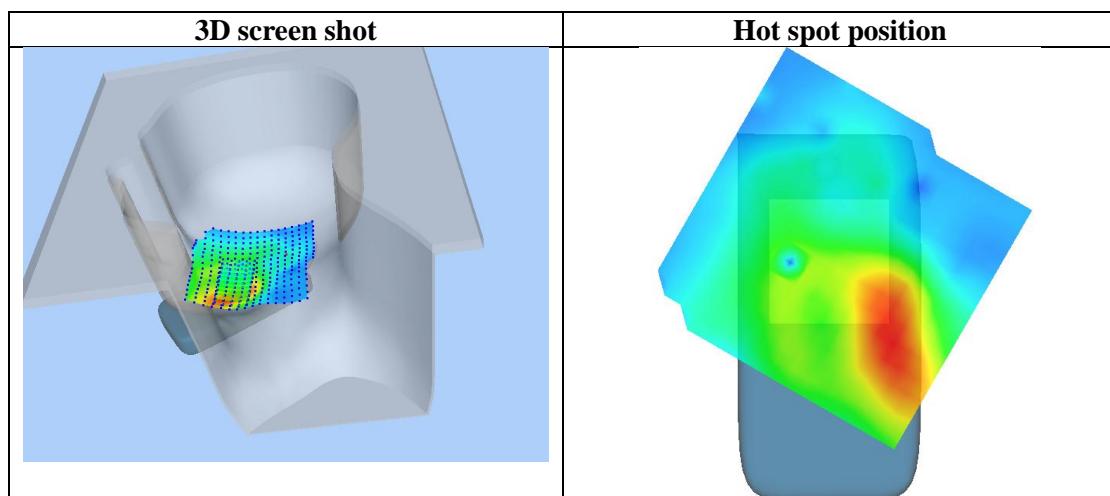
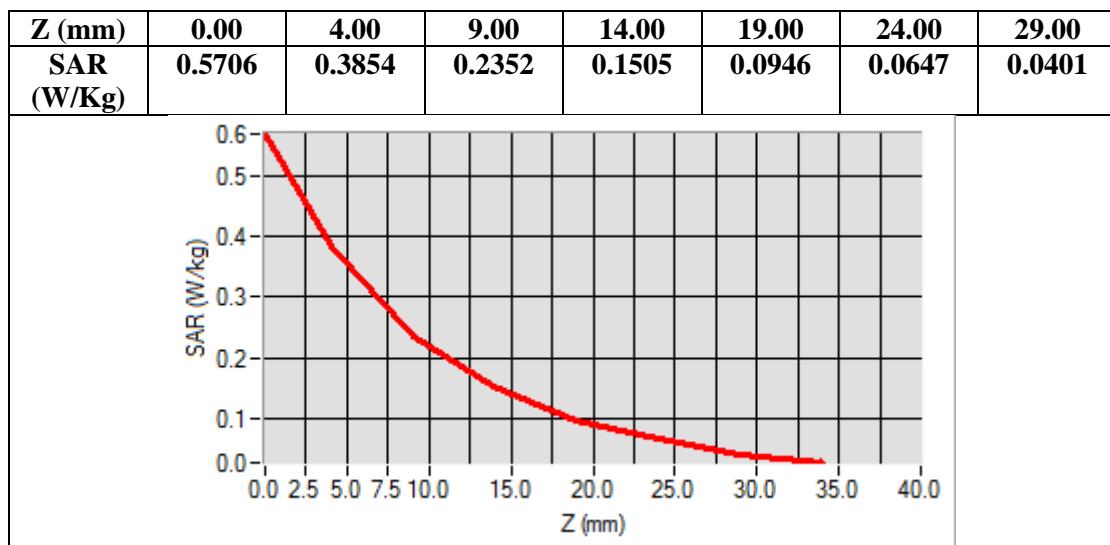
Configuration/GPRS1900 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=-55.00, Y=-62.00
SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.220308
SAR 1g (W/Kg)	0.374242



Test Laboratory: AGC Lab
GPRS 1900 High-Body-Back (2up) <SIM 1>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: GPRS-2Slot; Communication System Band: PCS 1900; Duty Cycle: 1:4.2; Conv.F=5.34;
Frequency: 1909.8 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.67$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.0, Liquid temperature (°C): 20.9

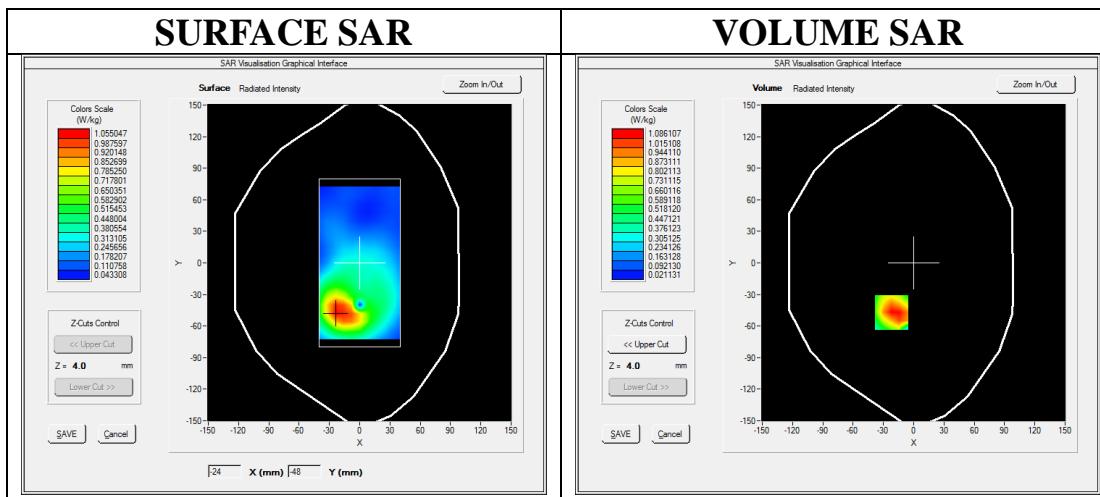
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GPRS1900 High -Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/GPRS1900 High -Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

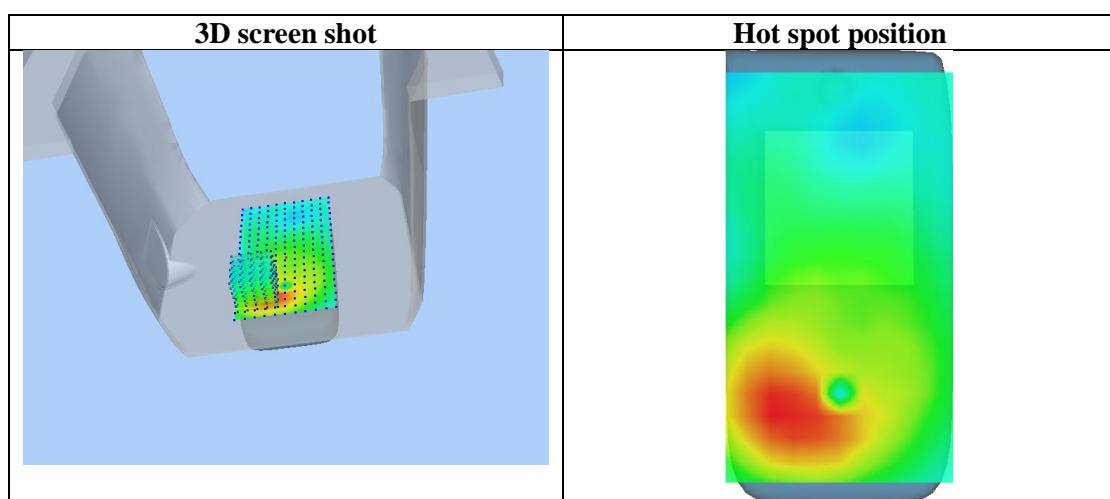
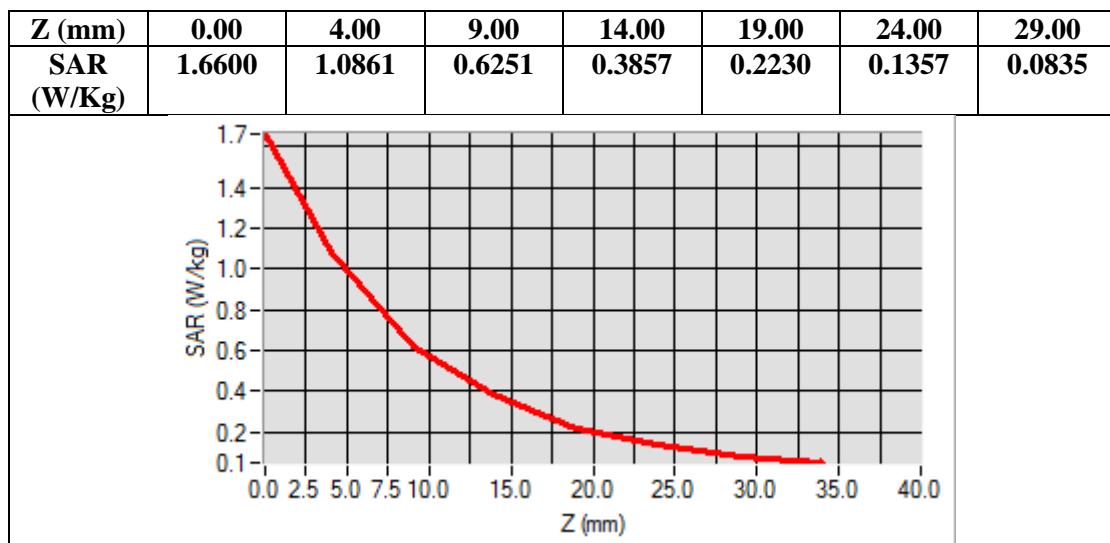
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	High
Signal	TDMA (Crest factor: 4.0)



Maximum location: X=-22.00, Y=-47.00

SAR Peak: 1.70 W/kg

SAR 10g (W/Kg)	0.591977
SAR 1g (W/Kg)	1.043022



Test Laboratory: AGC Lab
PCS 1900 Mid-Touch-Right <SIM 2>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.14;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.11$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.7

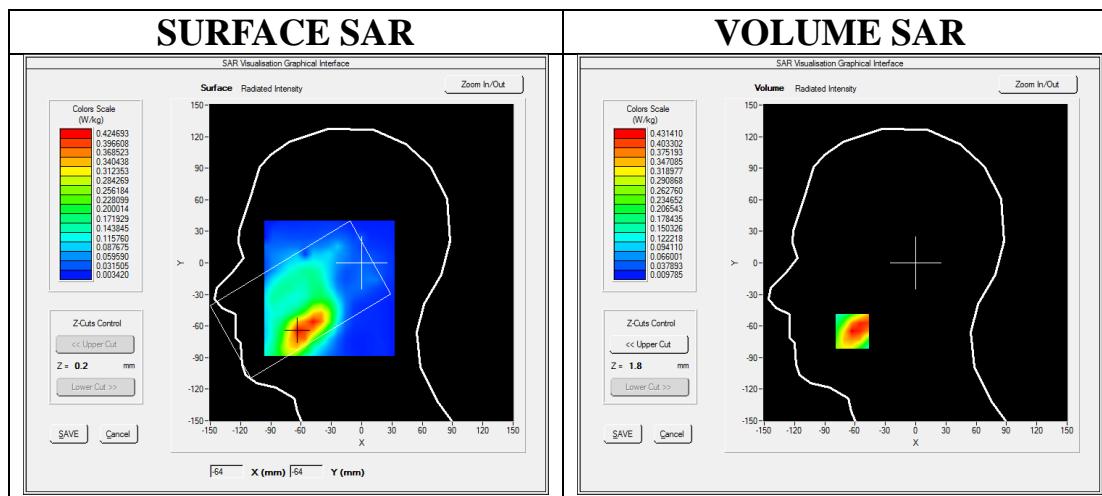
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- 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

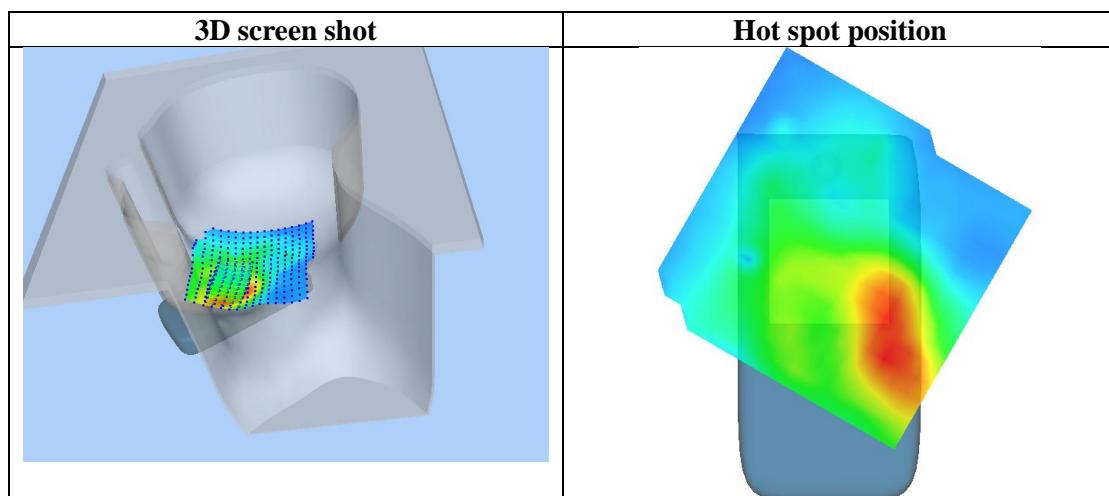
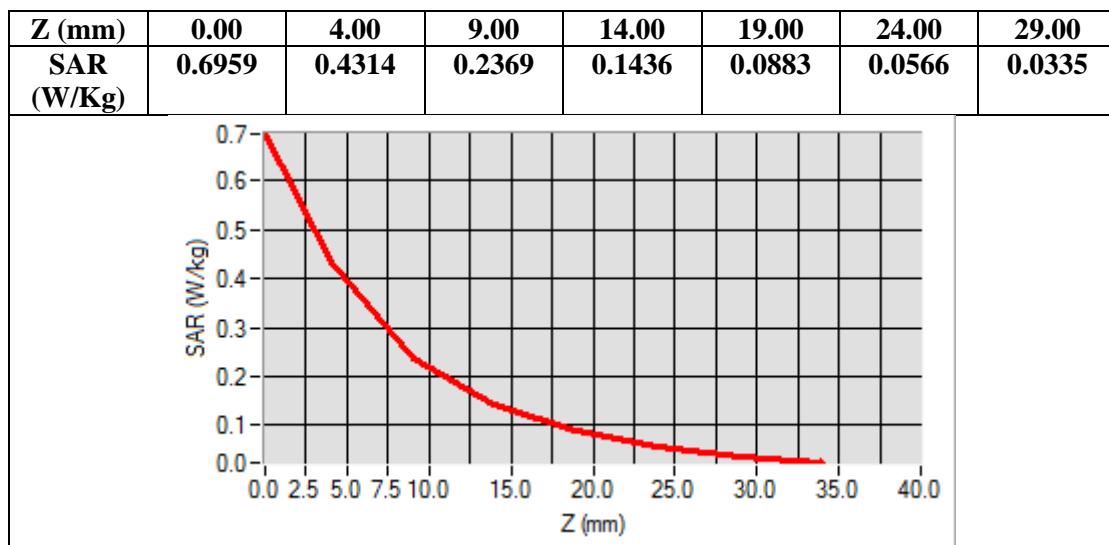
Configuration/PCS1900 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
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=-63.00, Y=-65.00
SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.237793
SAR 1g (W/Kg)	0.424331



Test Laboratory: AGC Lab
PCS 1900 Mid-Body-Back (MS)<SIM 2>
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.34;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 53.12$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.9

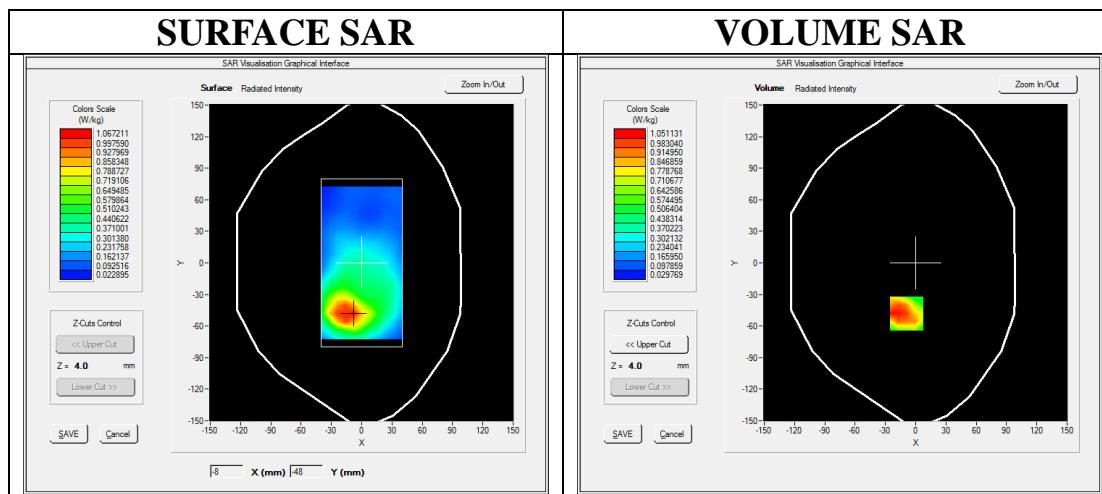
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

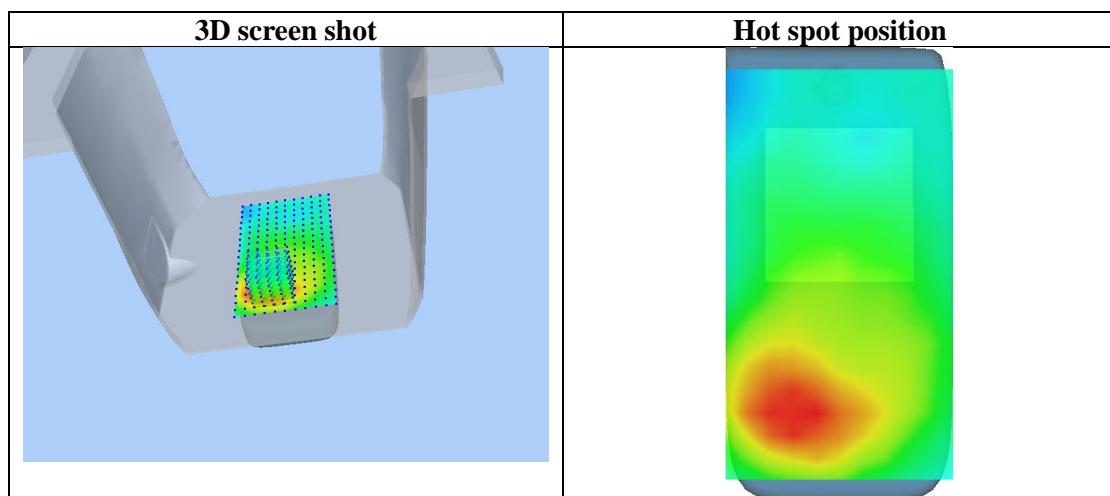
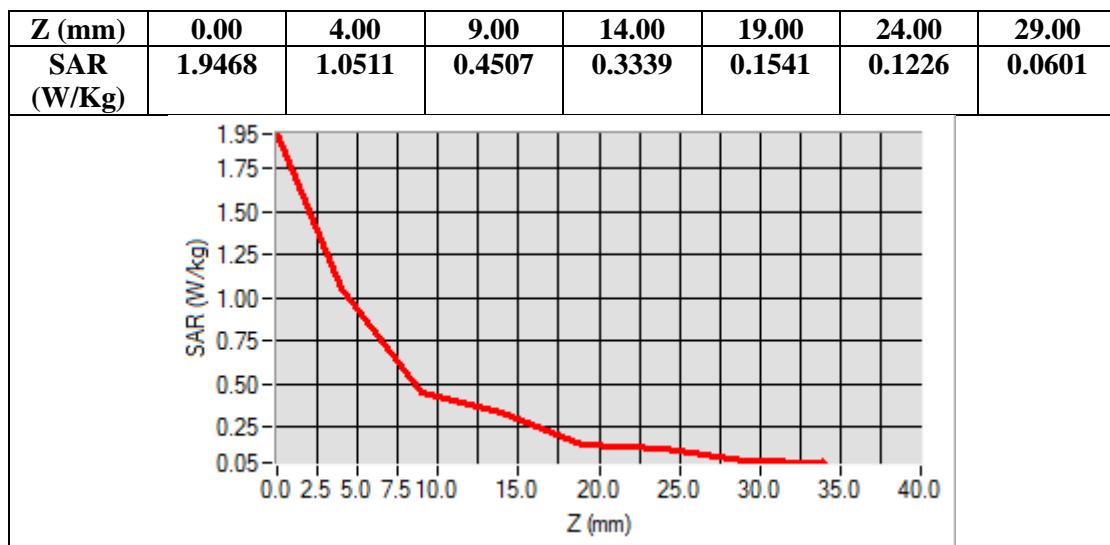
Configuration/PCS1900 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-9.00, Y=-48.00
SAR Peak: 1.66 W/kg

SAR 10g (W/Kg)	0.584045
SAR 1g (W/Kg)	0.993271



Test Laboratory: AGC Lab
WCDMA Band II Mid-Touch-Right (RMC)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=5.14;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 40.11$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.7

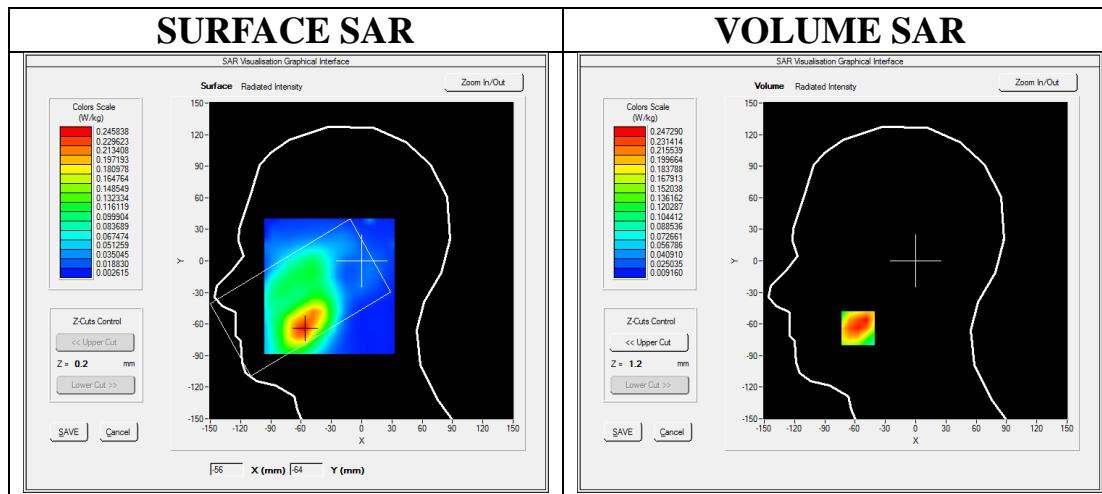
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- 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;

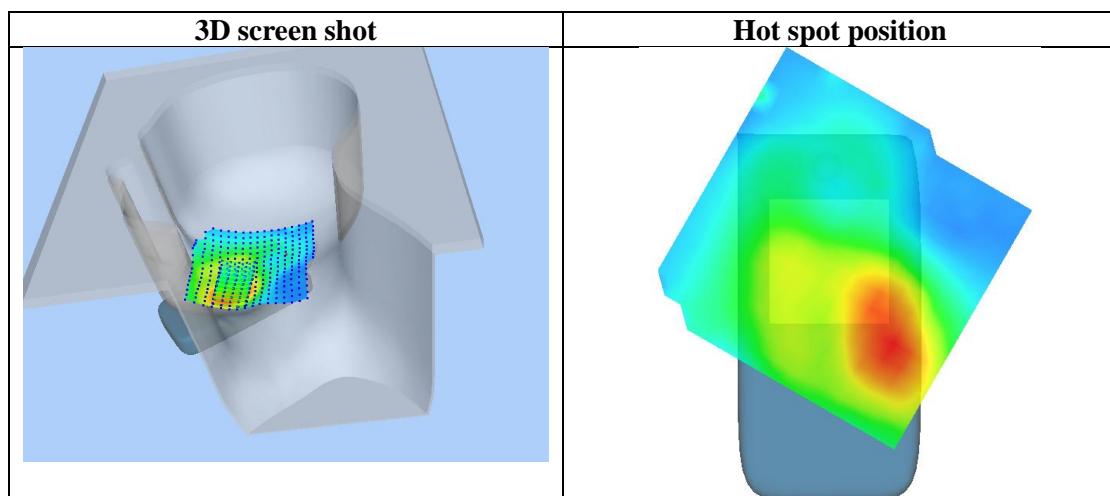
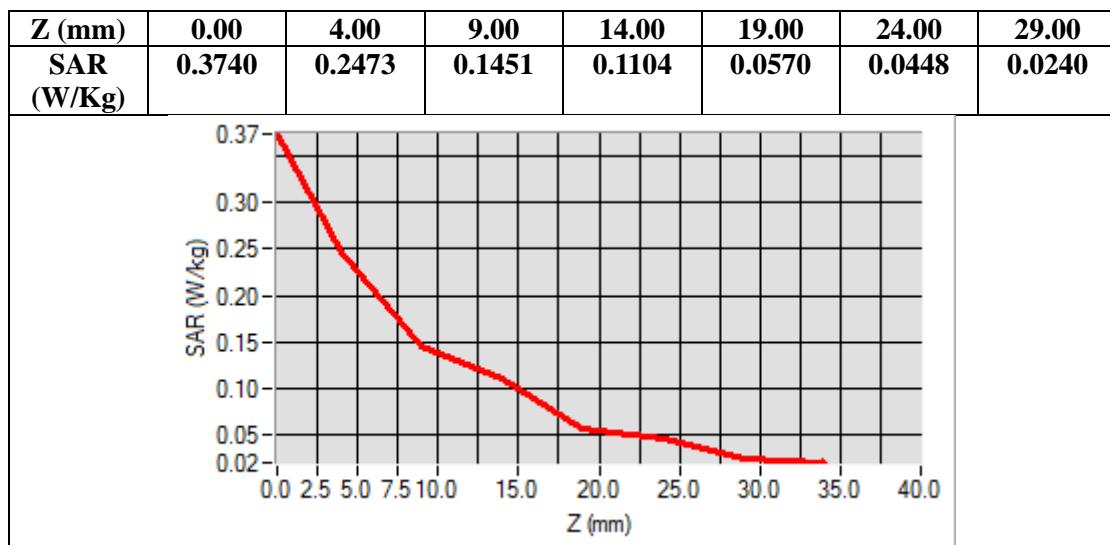
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-57.00, Y=-64.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.142264
SAR 1g (W/Kg)	0.236195



Test Laboratory: AGC Lab
WCDMA Band II Mid-Body-Towards Grounds (RMC 12.2kbps)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 04,2017

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=5.34;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma=1.50$ mho/m; $\epsilon_r =53.12$; $\rho= 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.9

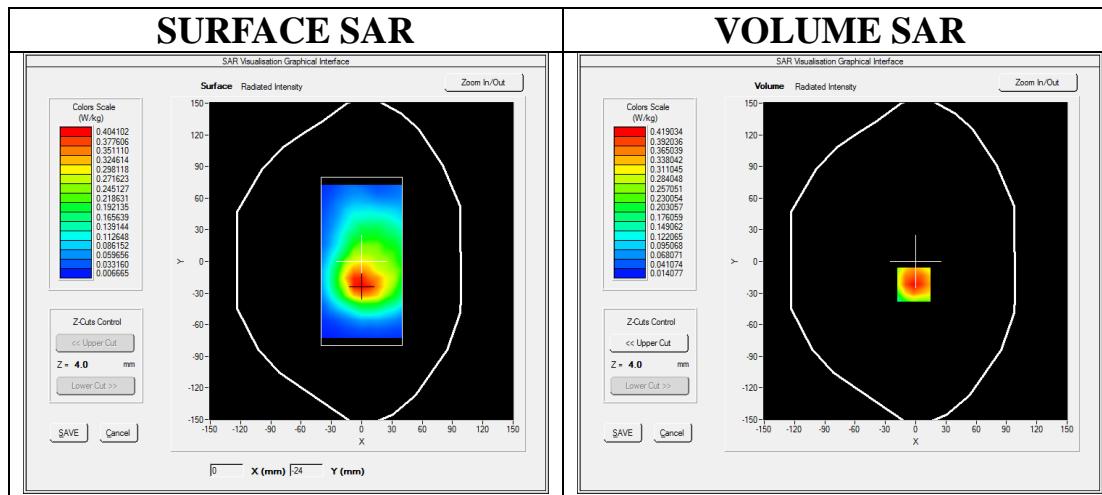
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA band II Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm

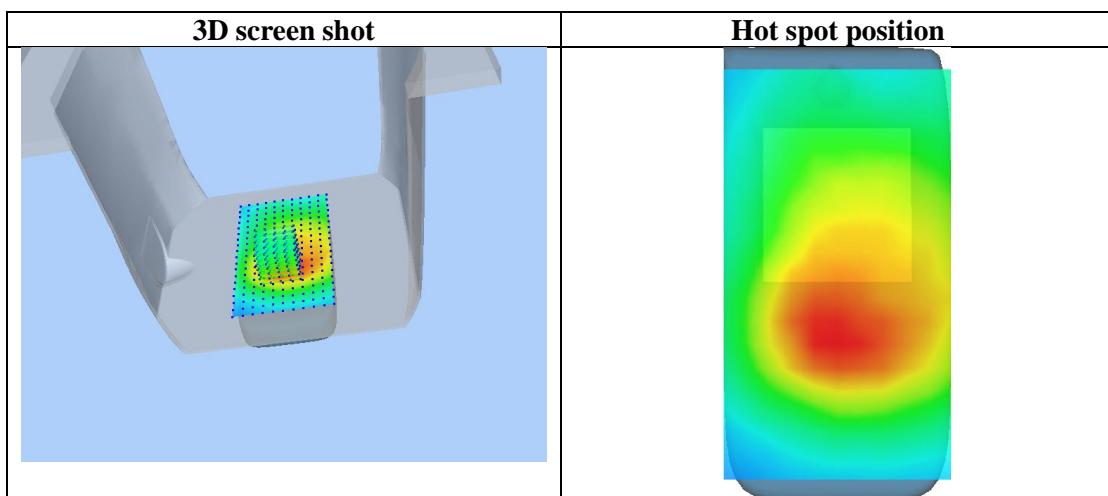
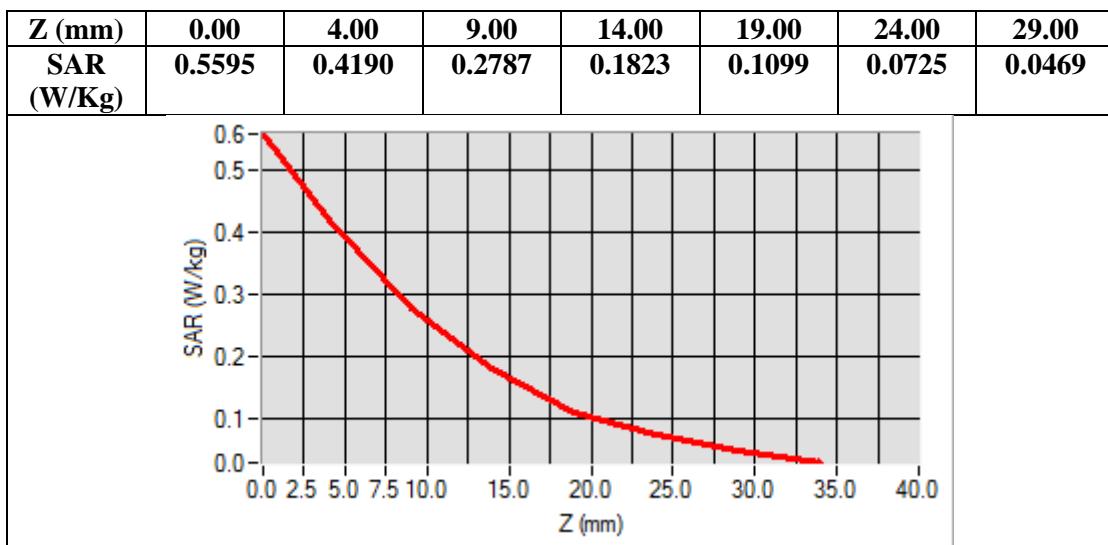
Configuration/ WCDMA band II Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-2.00, Y=-22.00
SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.242249
SAR 1g (W/Kg)	0.396350



Test Laboratory: AGC Lab
WCDMA Band IV Mid-Touch-Right (RMC)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 24,2017

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=4.98;
Frequency: 1732.6 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.36\text{mho/m}$; $\epsilon_r = 40.96$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Right Section
Ambient temperature ($^{\circ}\text{C}$): 22.5, Liquid temperature ($^{\circ}\text{C}$): 21.7

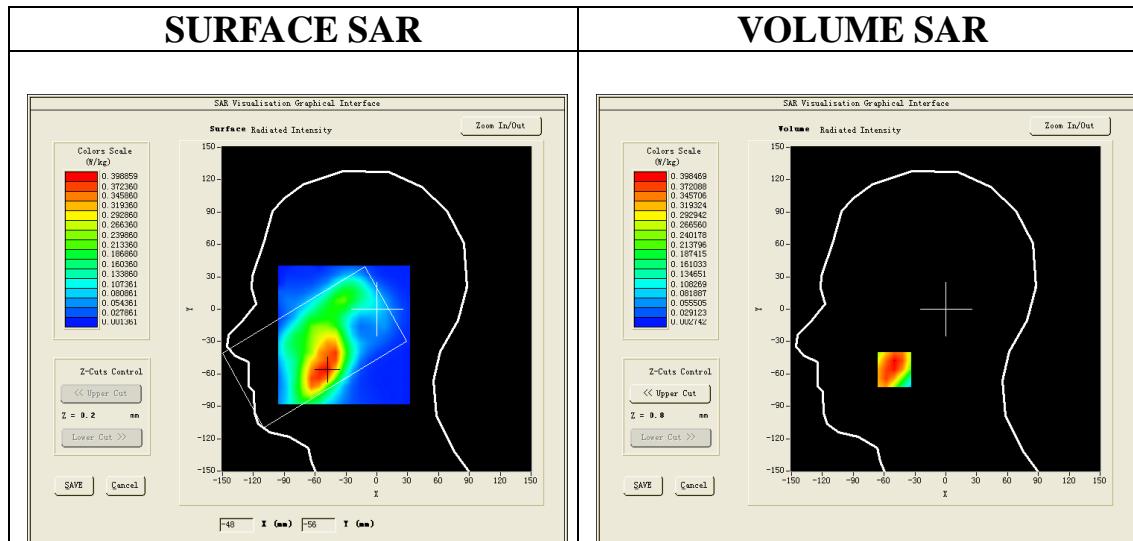
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- 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

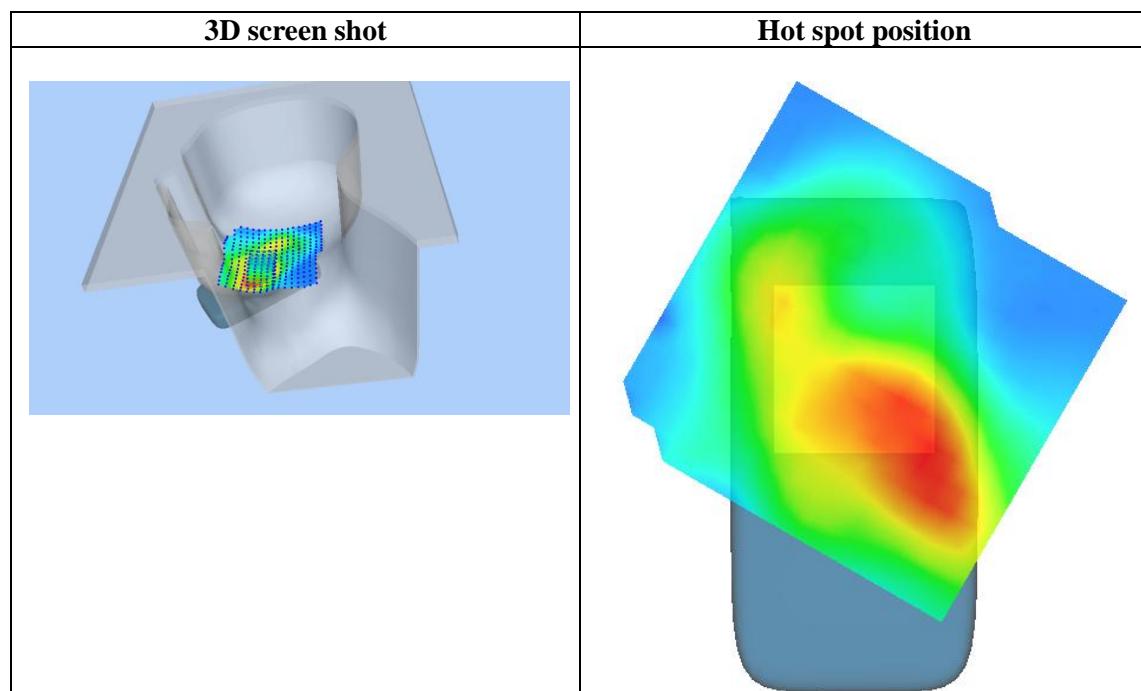
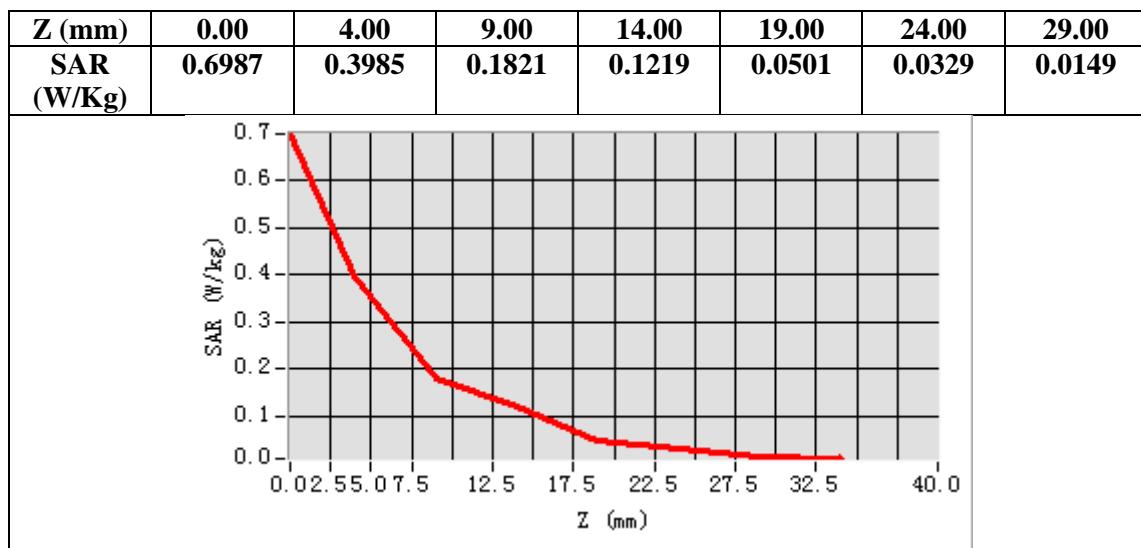
Configuration/ WCDMA Band IV Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Area Scan	sam_direct_droit2_surf8mm.txt
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=-50.00, Y=-56.00
SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.207676
SAR 1g (W/Kg)	0.387132



Test Laboratory: AGC Lab
WCDMA Band IV Mid-Body-Towards Grounds (RMC)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 24,2017

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=5.08;
Frequency: 1732.6 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.53$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 22.5, Liquid temperature (°C): 21.6

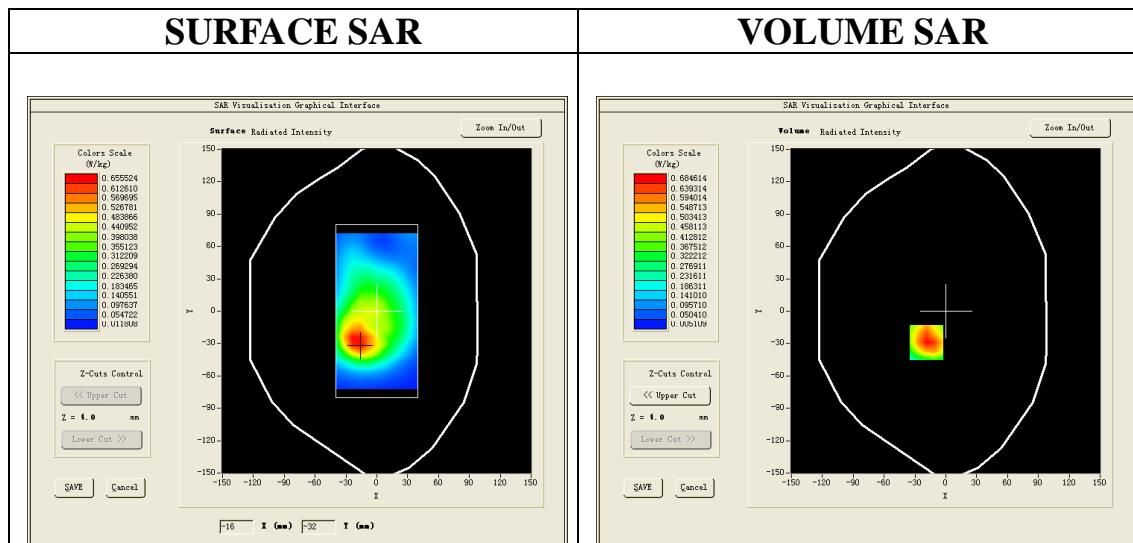
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

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

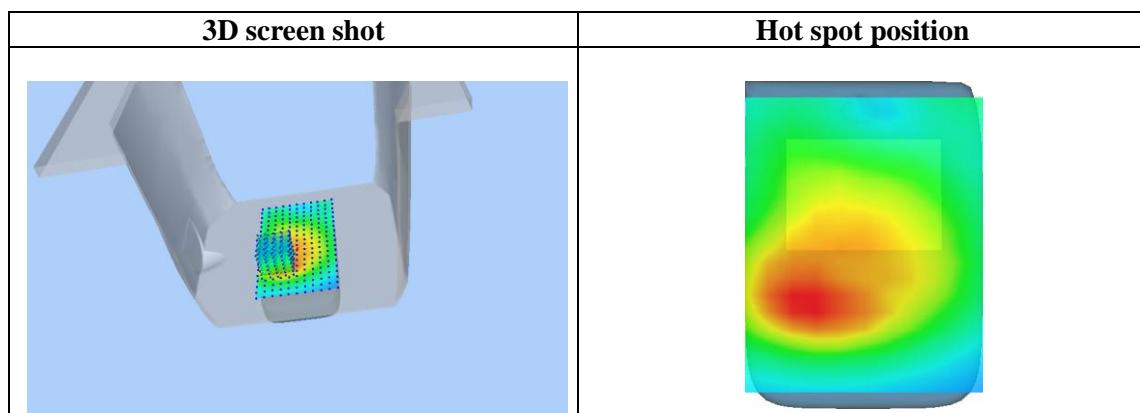
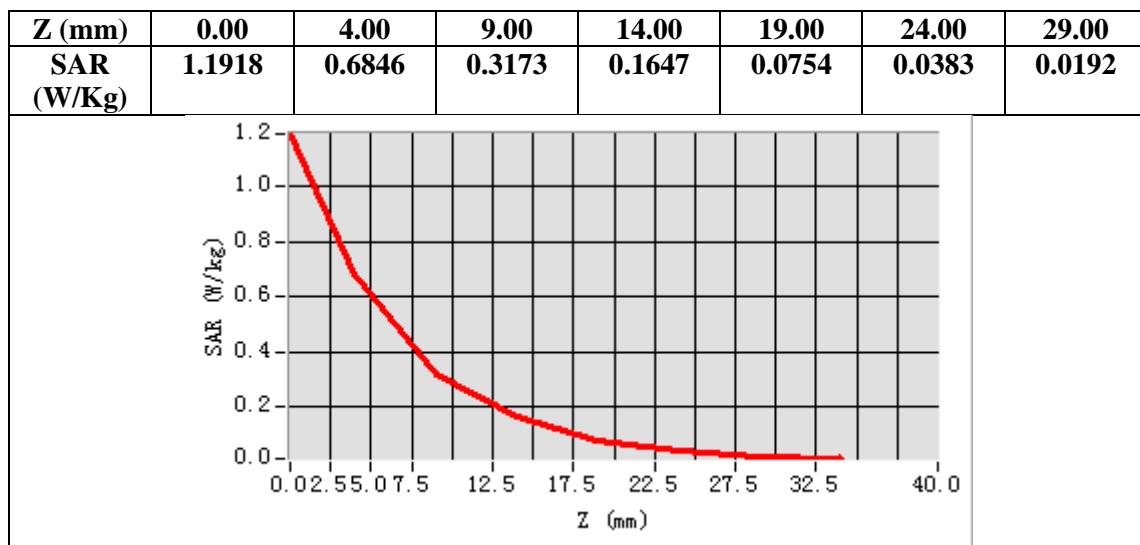
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-19.00, Y=-29.00

SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.326750
SAR 1g (W/Kg)	0.658905



Test Laboratory: AGC Lab

Date: May 16,2017

WCDMA Band V Mid-Touch-Left (RMC)

DUT: 4G Smart Phone; Type: AGM A8

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD ; Duty Cycle:1: 1; Conv.F=5.72; Frequency: 836.6 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma=0.91 \text{ mho/m}$; $\epsilon_r =41.43$; $\rho= 1000 \text{ kg/m}^3$;

Phantom section: Left Section

Ambient temperature ($^{\circ}\text{C}$): 22.6, Liquid temperature ($^{\circ}\text{C}$): 21.5

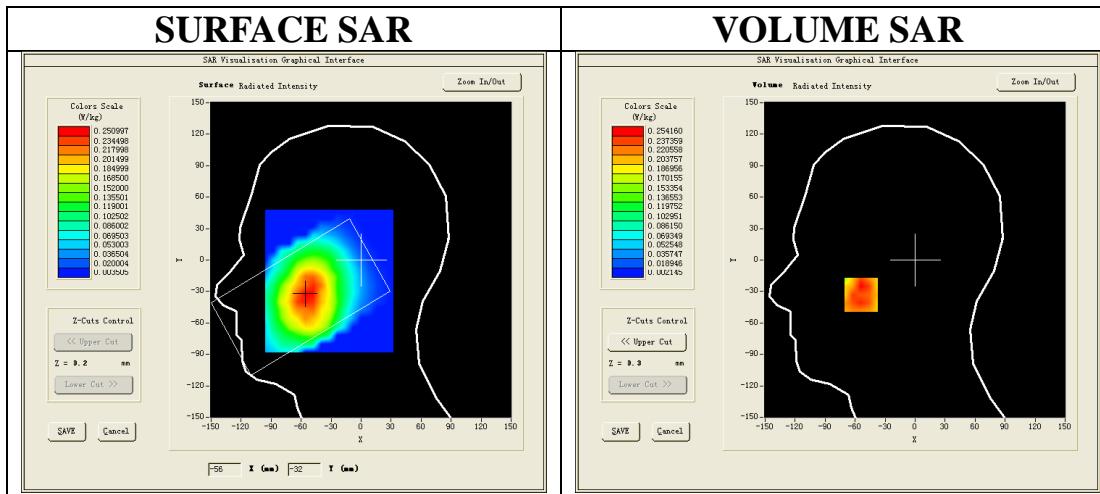
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

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

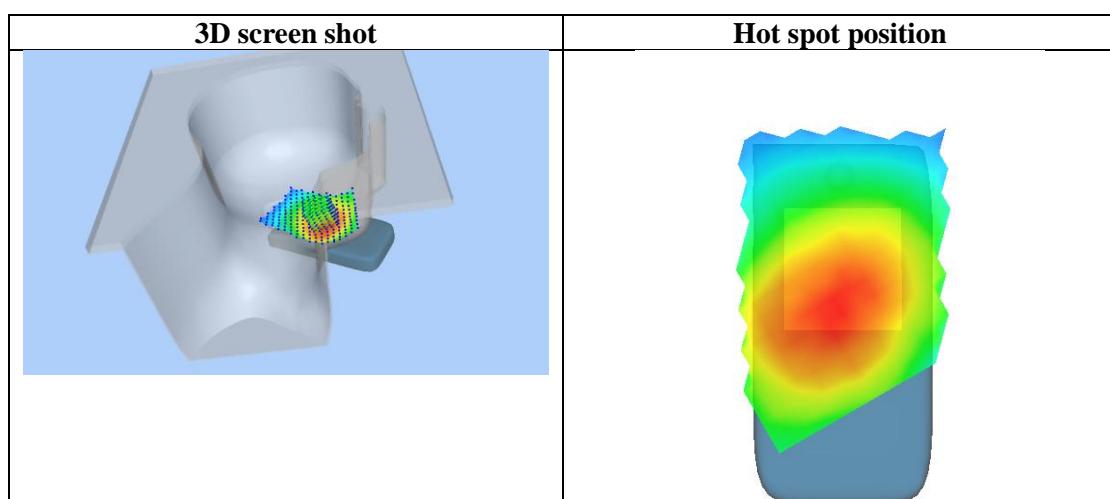
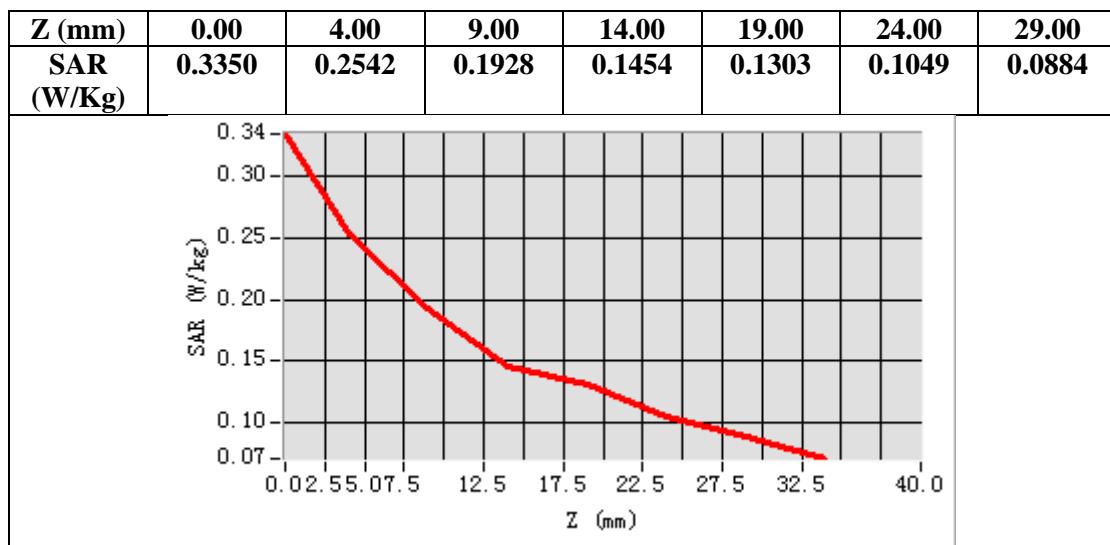
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-54.00, Y=-33.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.180560
SAR 1g (W/Kg)	0.258599



Test Laboratory: AGC Lab

Date: May 16,2017

WCDMA Band V Mid- Edge 4 (RMC)

DUT: 4G Smart Phone; Type: AGM A8

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=5.94; Frequency: 836.6 MHz; Medium parameters used: $f = 835\text{MHz}$; $\sigma=0.96 \text{ mho/m}$; $\epsilon_r = 55.54$; $\rho= 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature ($^{\circ}\text{C}$): 22.6, Liquid temperature ($^{\circ}\text{C}$): 21.6

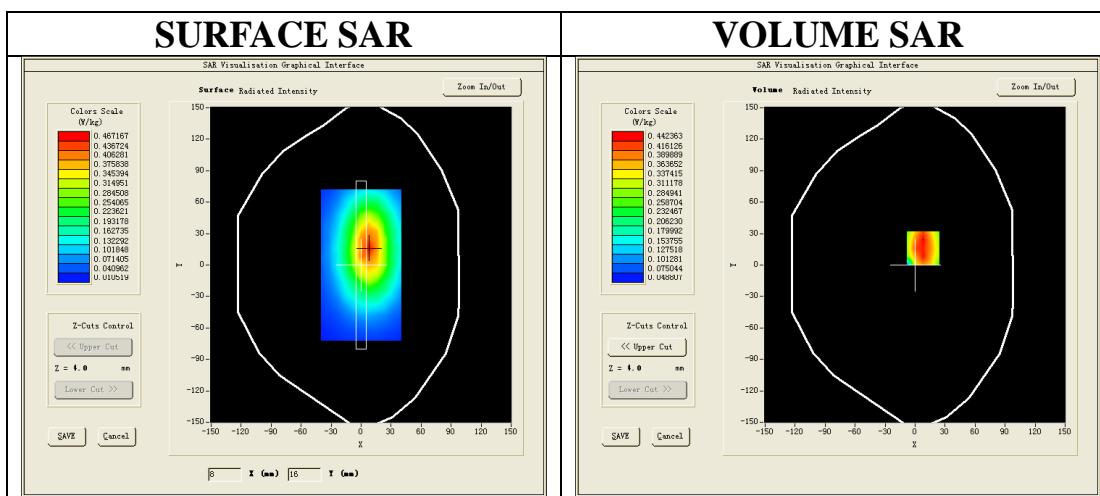
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ WCDMA Band V Mid- Edge 4/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

Configuration/ WCDMA Band V Mid- Edge 4/Zoom Scan: Measurement grid: $dx=8\text{mm}, dy=8\text{mm}$, $dz=5\text{mm}$;

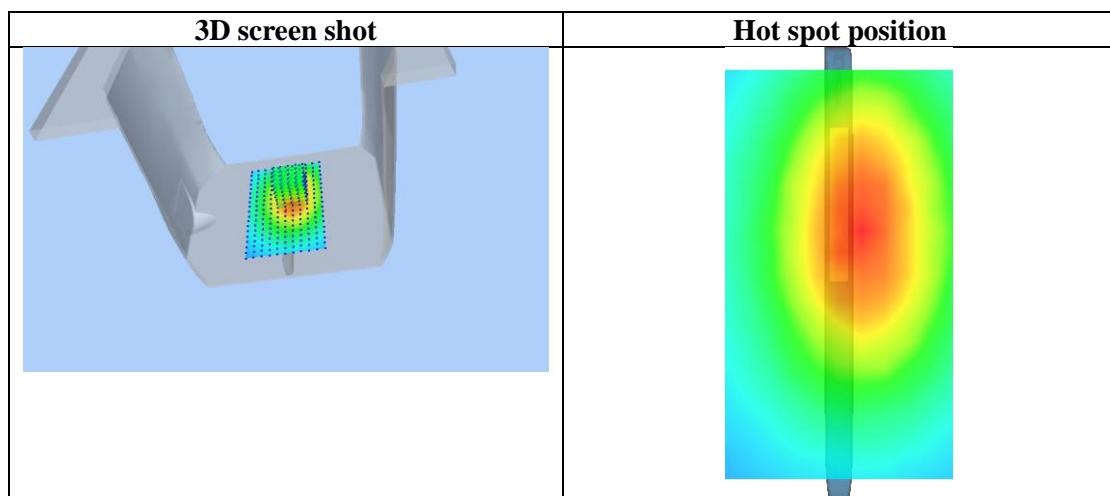
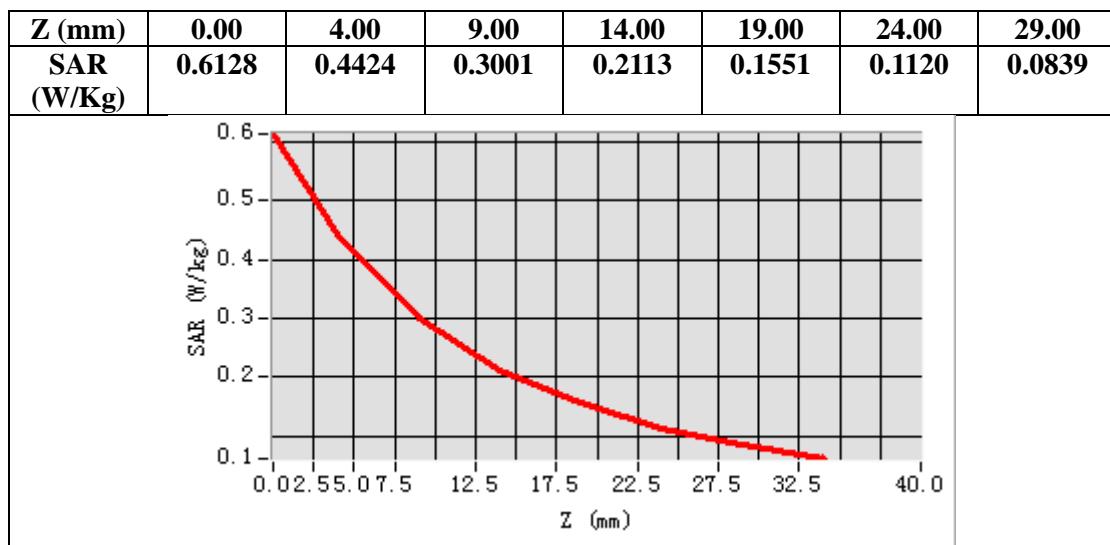
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Edge 4
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=8.00, Y=16.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.276456
SAR 1g (W/Kg)	0.421585



Test Laboratory: AGC Lab
LTE Band II Mid-Touch-Right (1 RB#50)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 15,2017

Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.14;
Frequency:1880MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.17$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.7

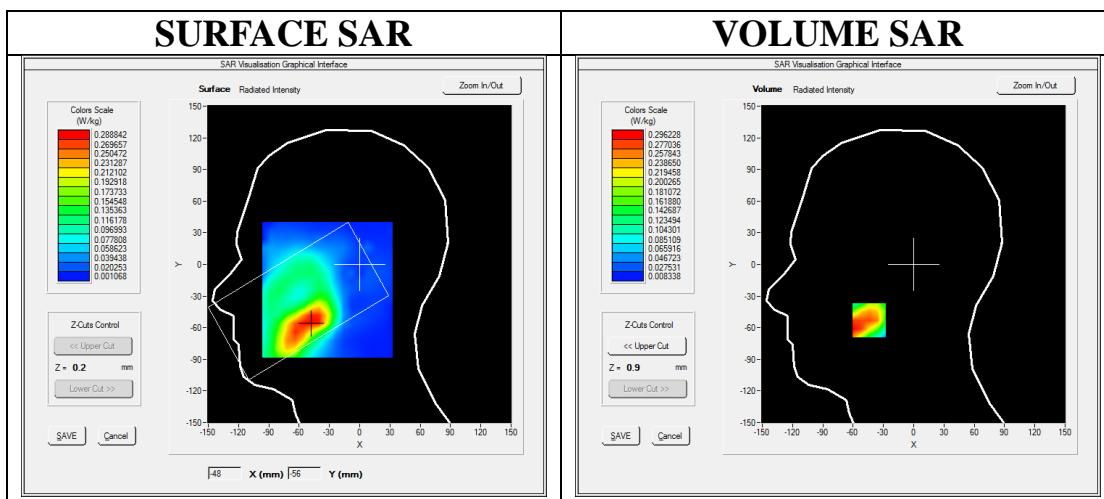
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- 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

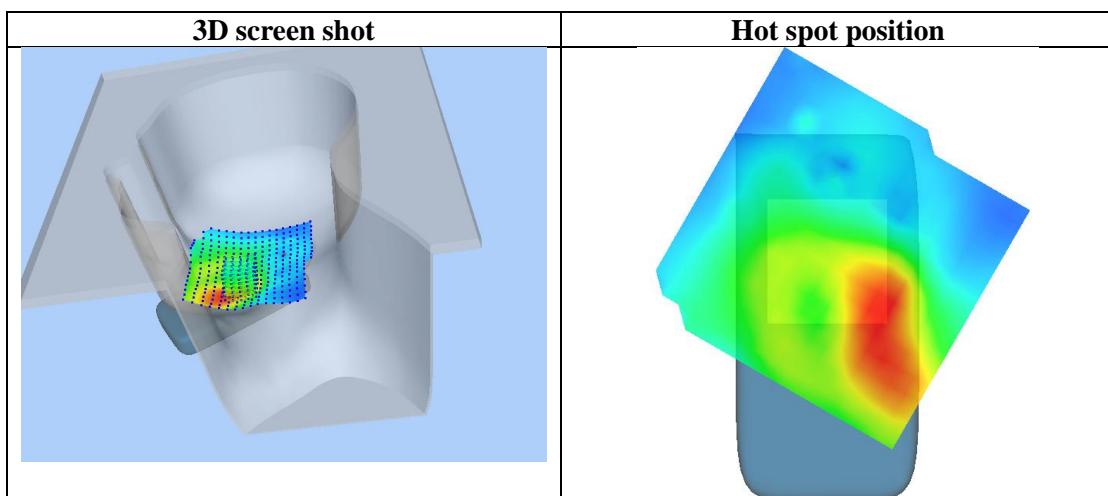
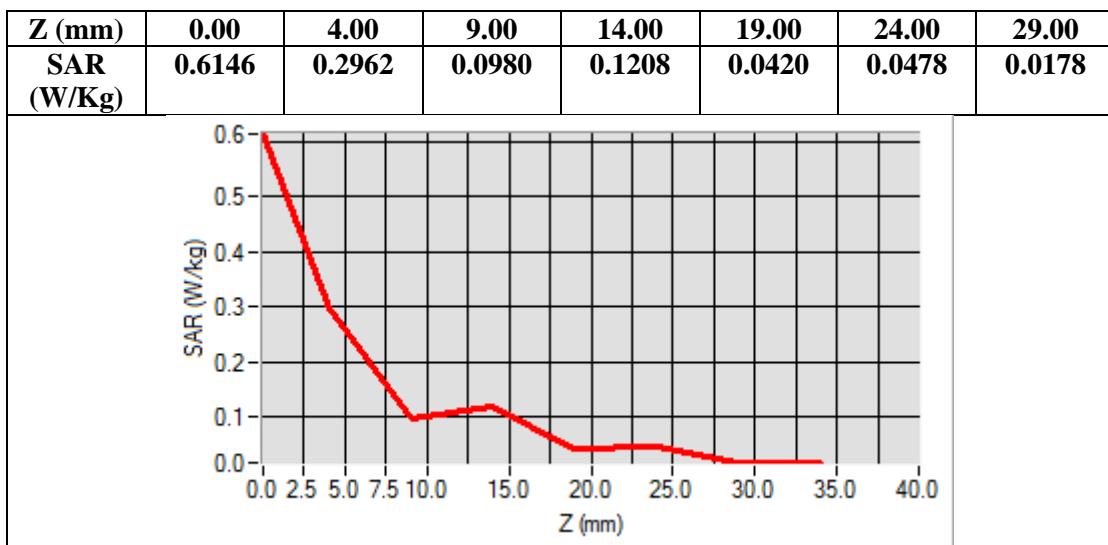
Configuration/ LTE Band II Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	sam_direct_droit2_surf8mm.txt
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=-44.00, Y=-53.00
SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.168032
SAR 1g (W/Kg)	0.280228



Test Laboratory: AGC Lab
LTE Band II Mid-Body-Back (1 RB#50)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 15,2017

Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.34;
Frequency:1880MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.15$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.6

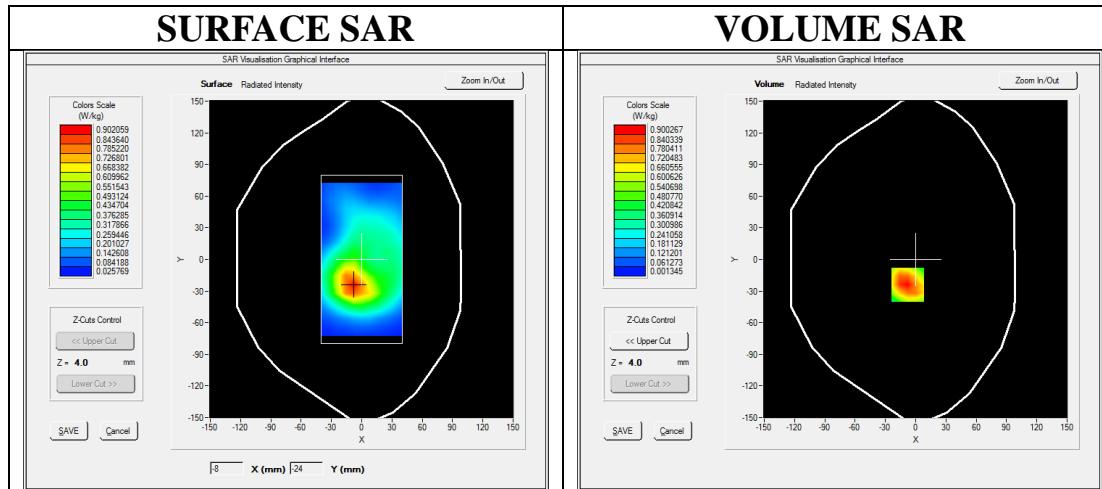
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

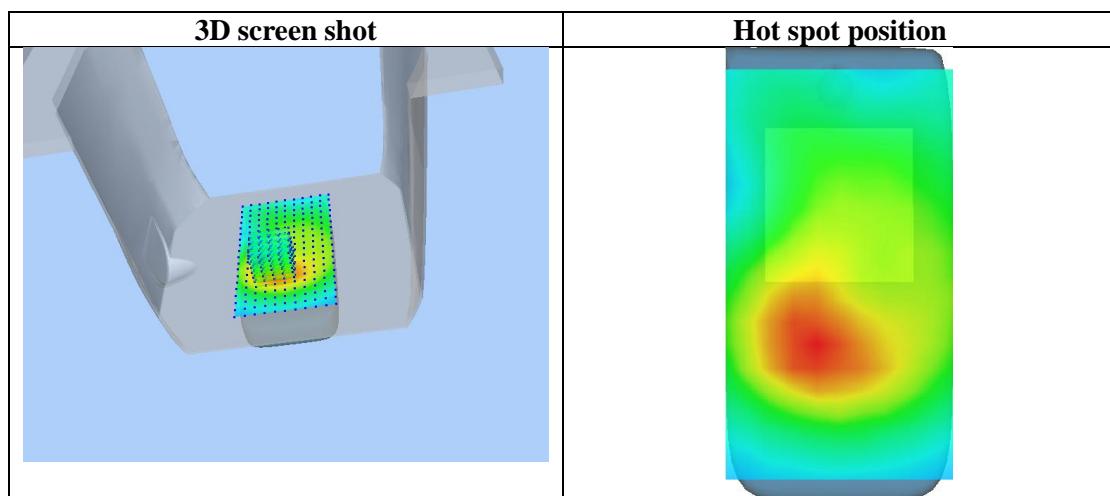
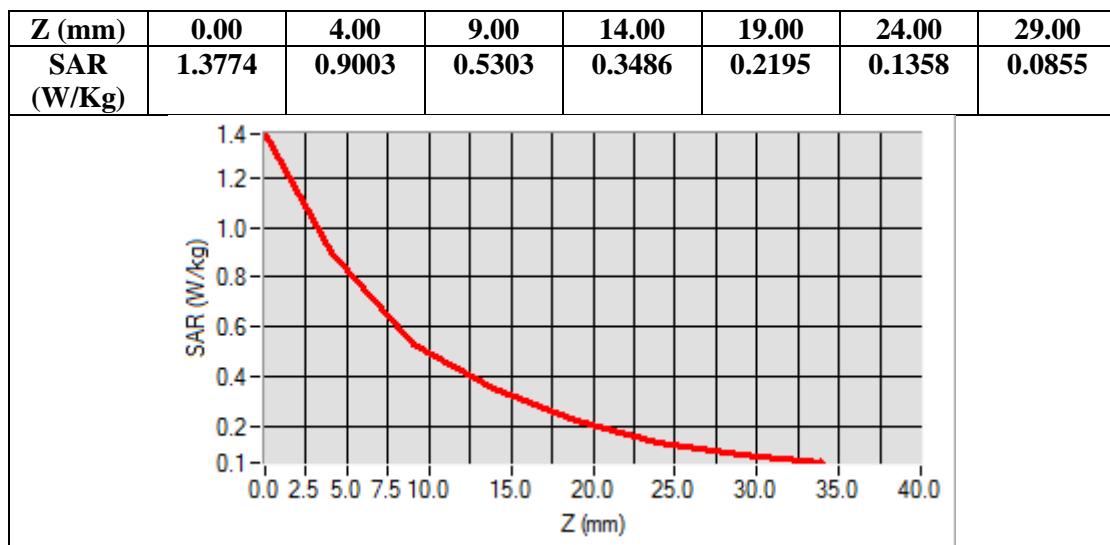
Configuration/ LTE Band II Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-8.00, Y=-24.00
SAR Peak: 1.39 W/kg

SAR 10g (W/Kg)	0.502254
SAR 1g (W/Kg)	0.860668



Test Laboratory: AGC Lab

Date: May 23,2017

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

DUT: 4G Smart Phone; Type: AGM A8

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=4.92;
Frequency:1745 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.72$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.9, Liquid temperature (°C): 21.0

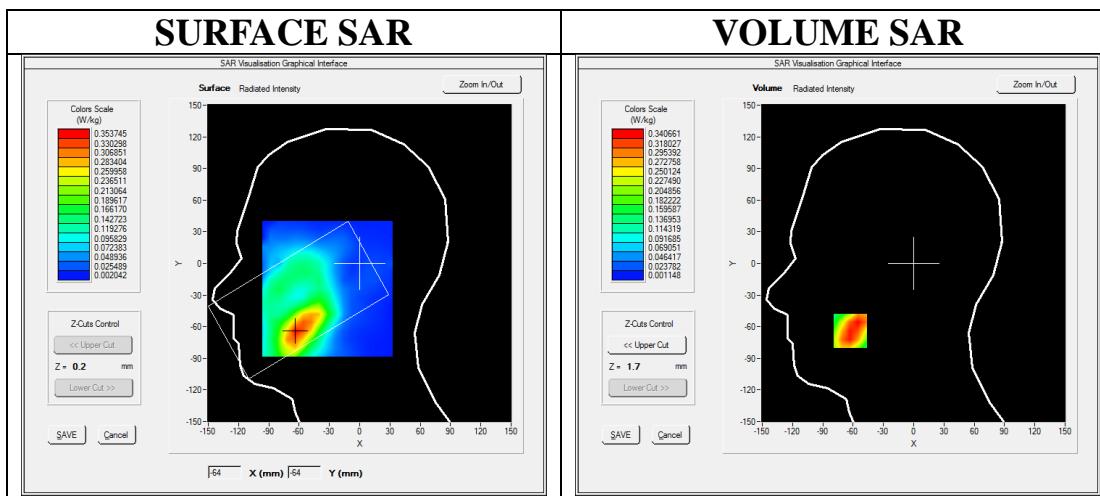
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

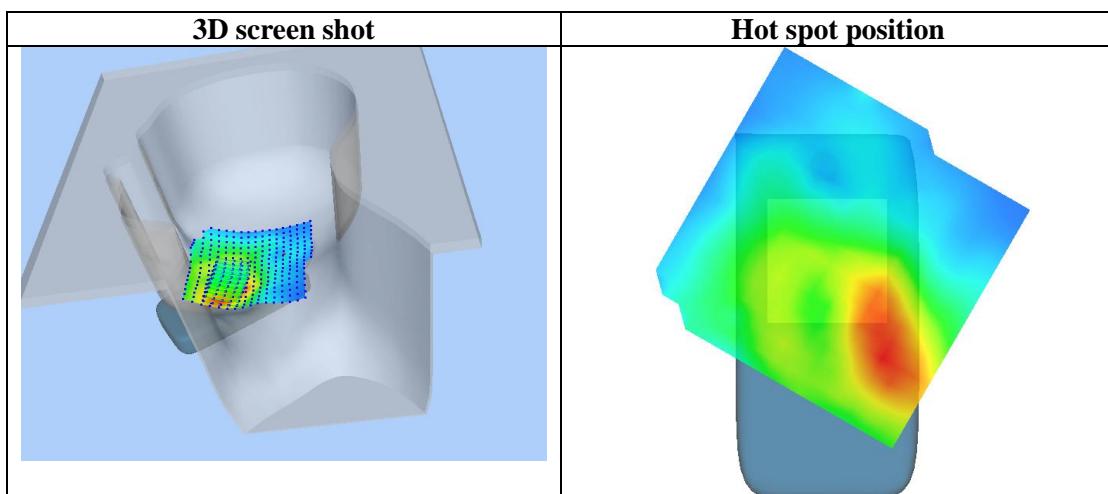
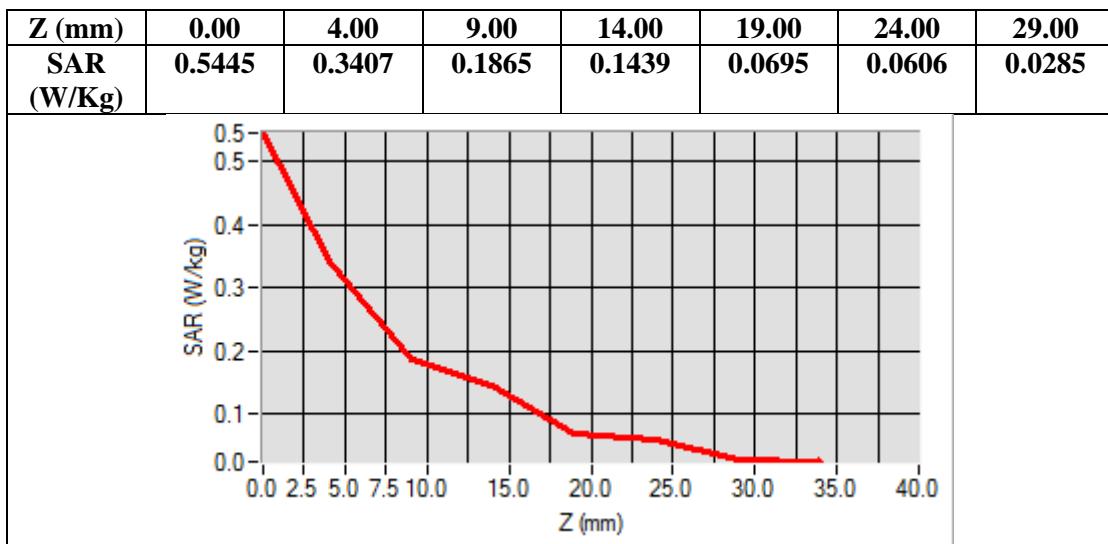
Configuration/ LTE Band IVHigh - Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

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



Maximum location: X=-63.00, Y=-64.00
SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.195391
SAR 1g (W/Kg)	0.327676



Test Laboratory: AGC Lab

Date: May 23,2017

LTE Band IV Mid-Body-Back (1 RB#0)

DUT: 4G Smart Phone; Type: AGM A8

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=5.06;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.66$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.9, Liquid temperature (°C): 20.9

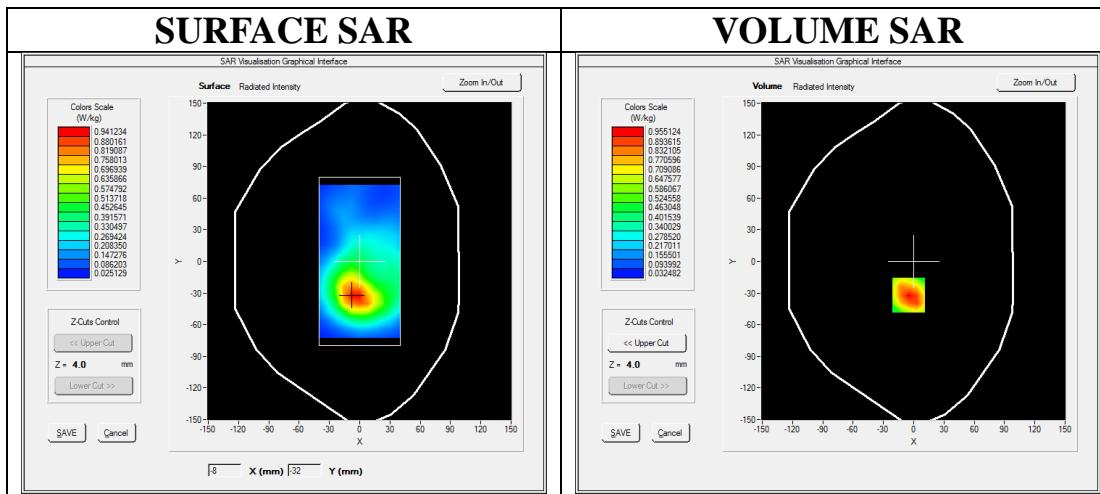
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

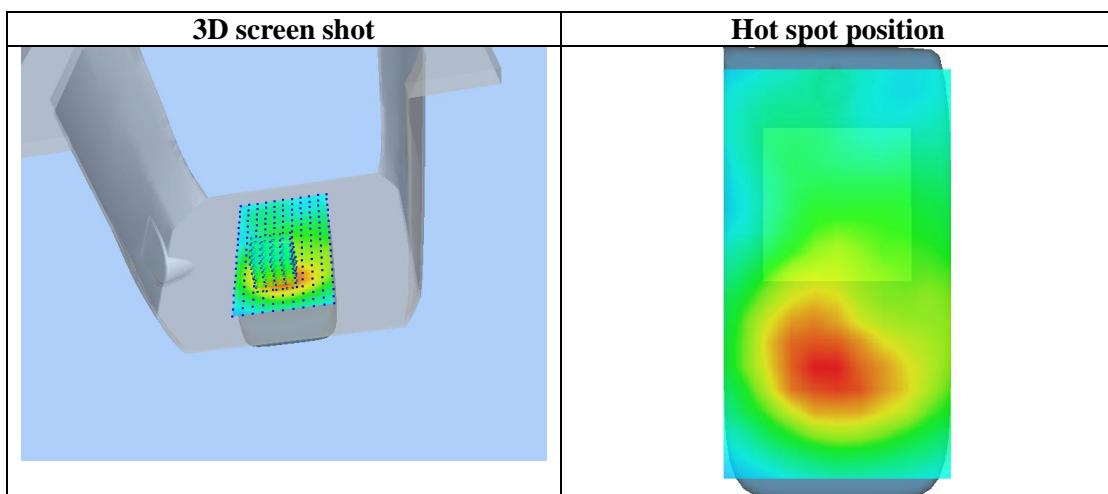
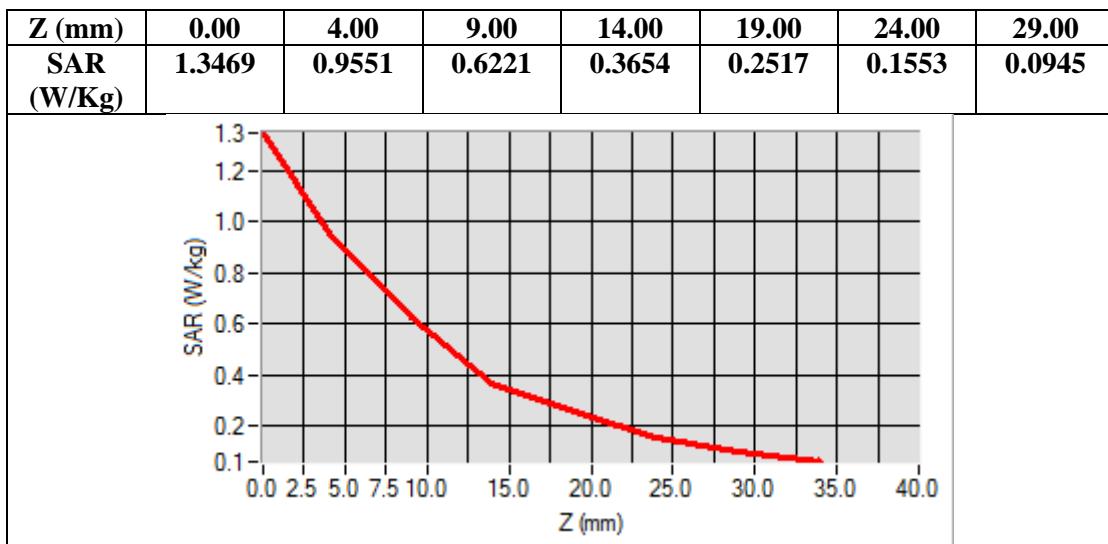
Configuration/ LTE Band IV Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band IV
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-5.00, Y=-32.00
SAR Peak: 2.48 W/kg

SAR 10g (W/Kg)	0.542399
SAR 1g (W/Kg)	1.060176



Test Laboratory: AGC Lab
LTE Band XII Low-Touch-Left (1 RB#25)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 24,2017

Communication System: LTE; Communication System Band: LTE Band XII; Duty Cycle:1:1; Conv.F=5.11
Frequency: 704 MHz; Medium parameters used: $f = 750 \text{ MHz}$; $\sigma=0.86 \text{ mho/m}$; $\epsilon_r = 43.15$ $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Left Section
Ambient temperature ($^{\circ}\text{C}$): 22.7, Liquid temperature ($^{\circ}\text{C}$): 21.6

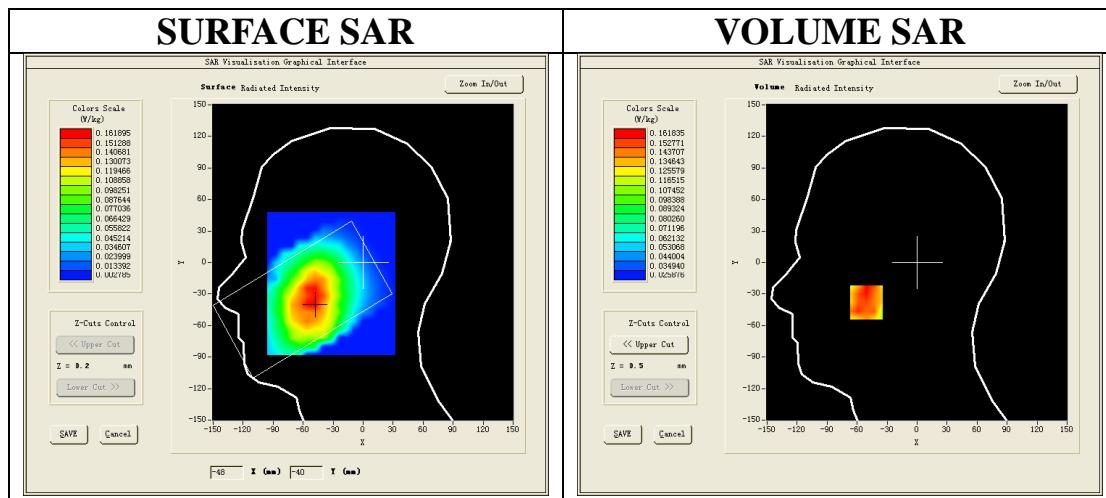
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

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

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

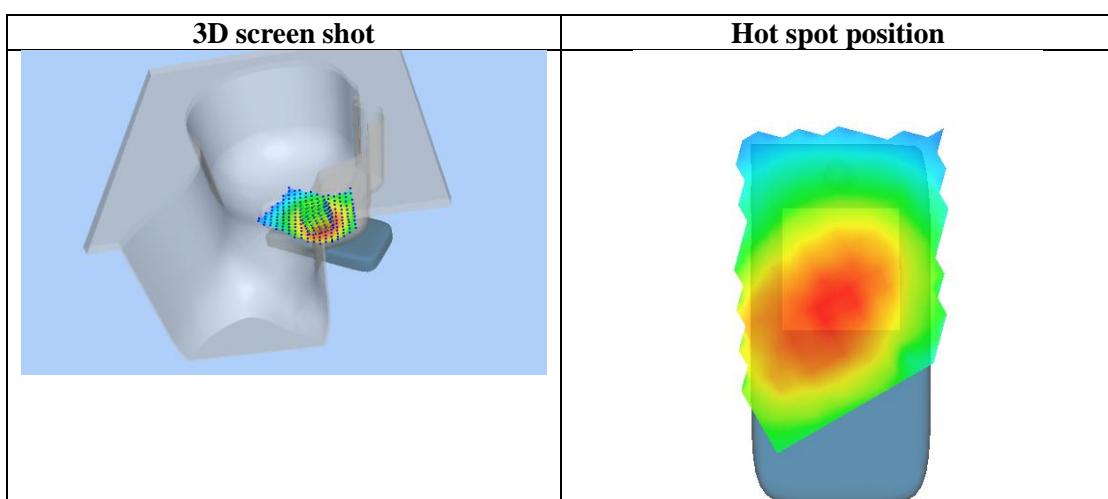
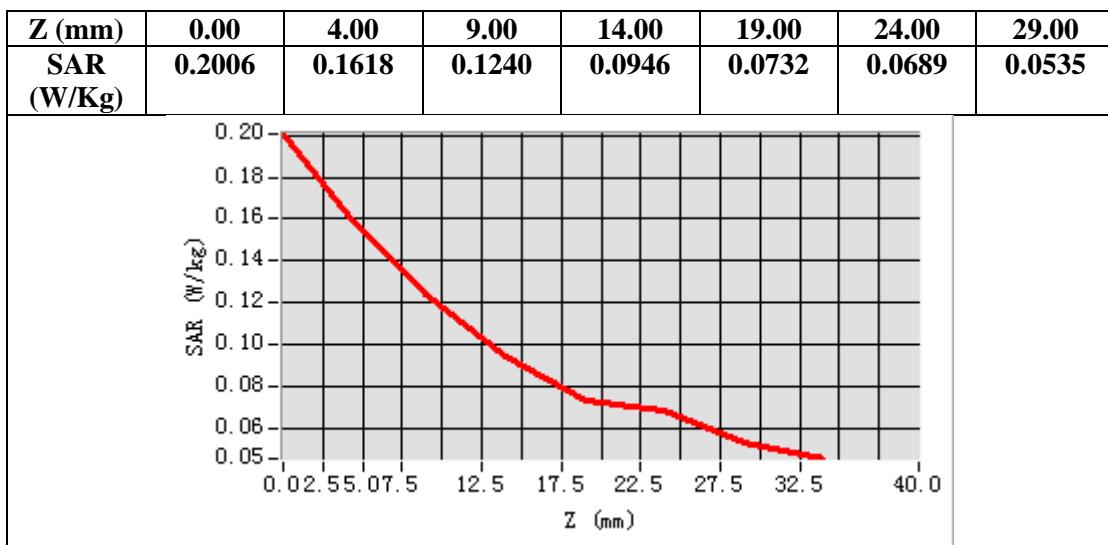
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band XII
Channels	Low
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-51.00, Y=-38.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.120394
SAR 1g (W/Kg)	0.163097



Test Laboratory: AGC Lab
LTE Band XII Low - Edge 4 (1 RB#25)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 24,2017

Communication System: LTE; Communication System Band: LTE Band XII; Duty Cycle:1:1; Conv.F=5.30;
Frequency: 704 MHz; Medium parameters used: $f = 750$ MHz; $\sigma=0.93\text{mho/m}$; $\epsilon_r = 56.07$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 22.7, Liquid temperature ($^{\circ}\text{C}$): 21.9

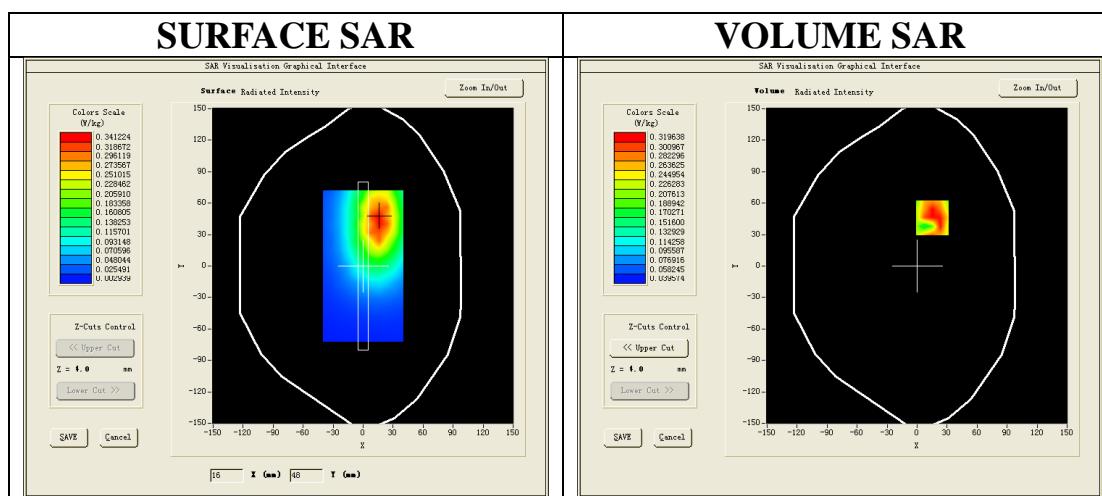
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band XII Low - Edge 4/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band XII Low - Edge 4/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

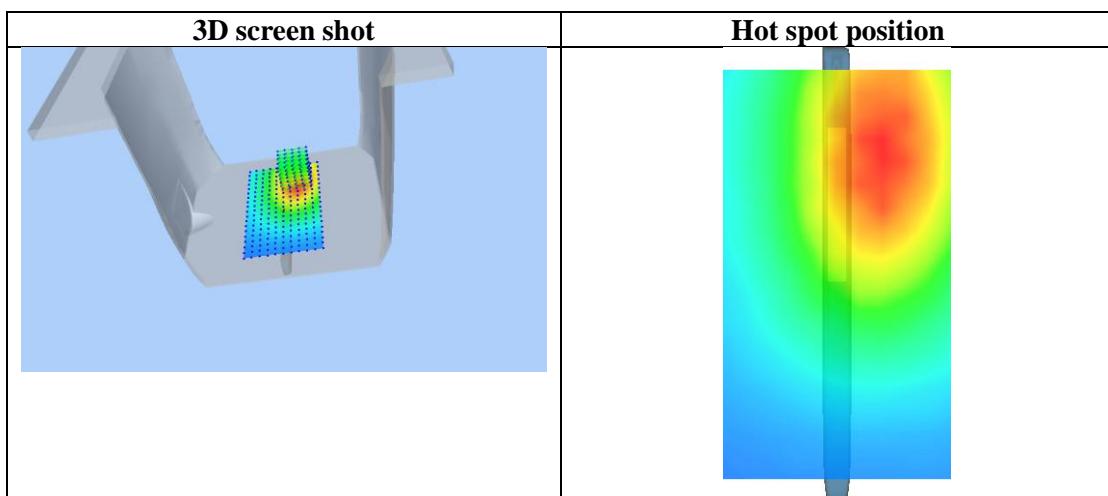
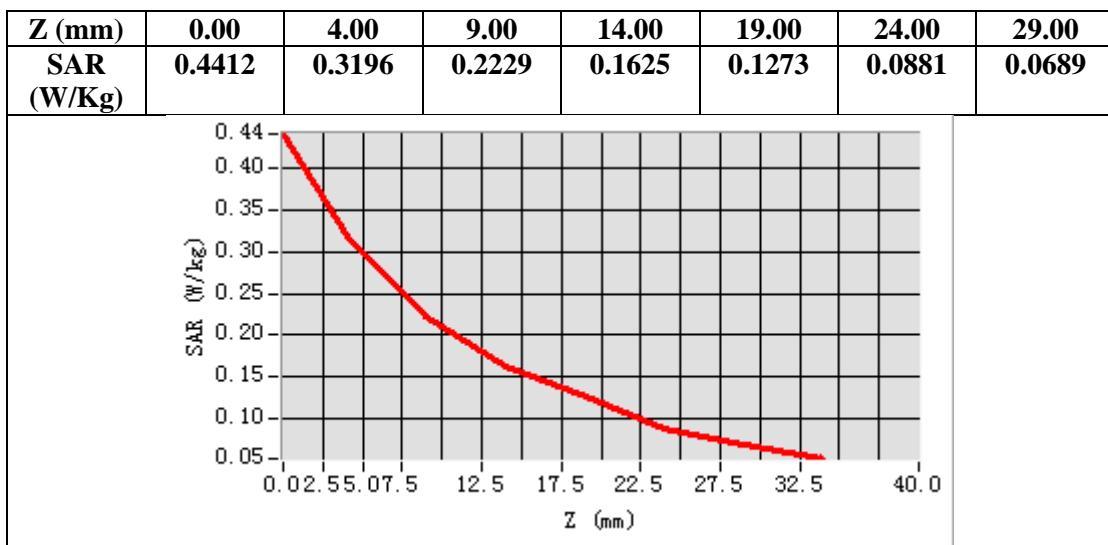
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge 4
Band	LTE Band XII
Channels	Low
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=15.00, Y=46.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.218122
SAR 1g (W/Kg)	0.332175



Test Laboratory: AGC Lab
LTE Band XVII High- Tilt -Left (1 RB#49)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 24,2017

Communication System: LTE; Communication System Band: LTE Band XVII; Duty Cycle:1:1; Conv.F=5.11
Frequency: 711 MHz; Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41.88$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Left Section
Ambient temperature ($^{\circ}\text{C}$): 22.7, Liquid temperature ($^{\circ}\text{C}$): 21.6

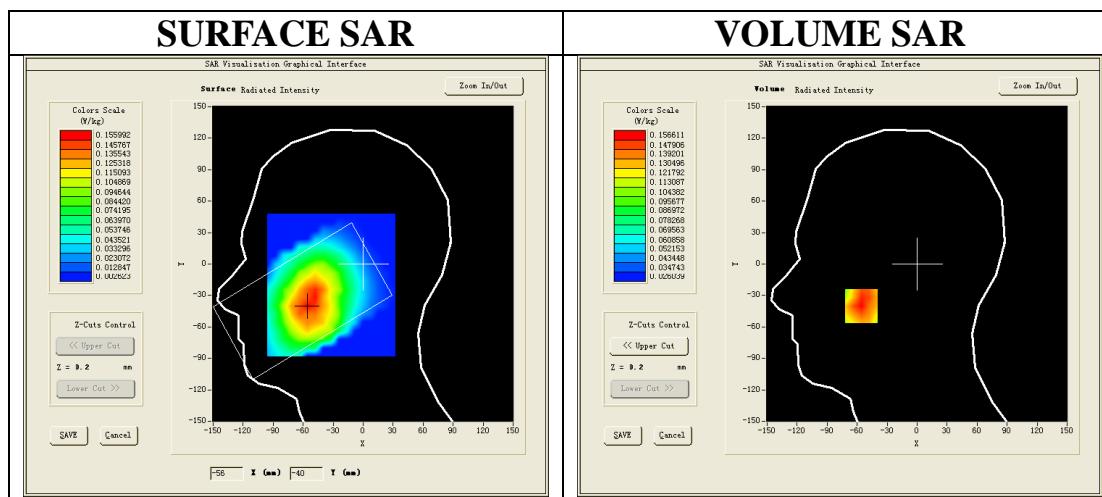
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band XVII High - Tilt -Left /Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

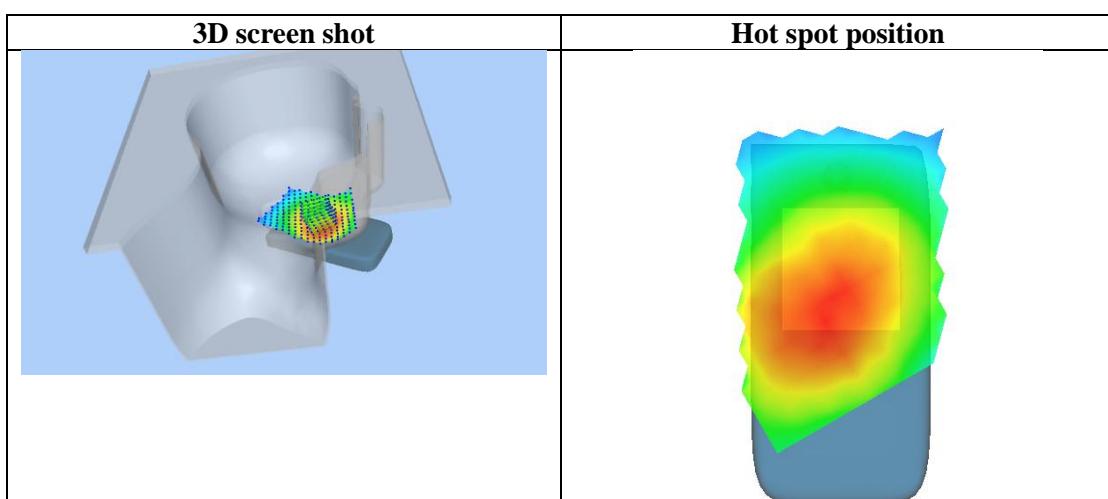
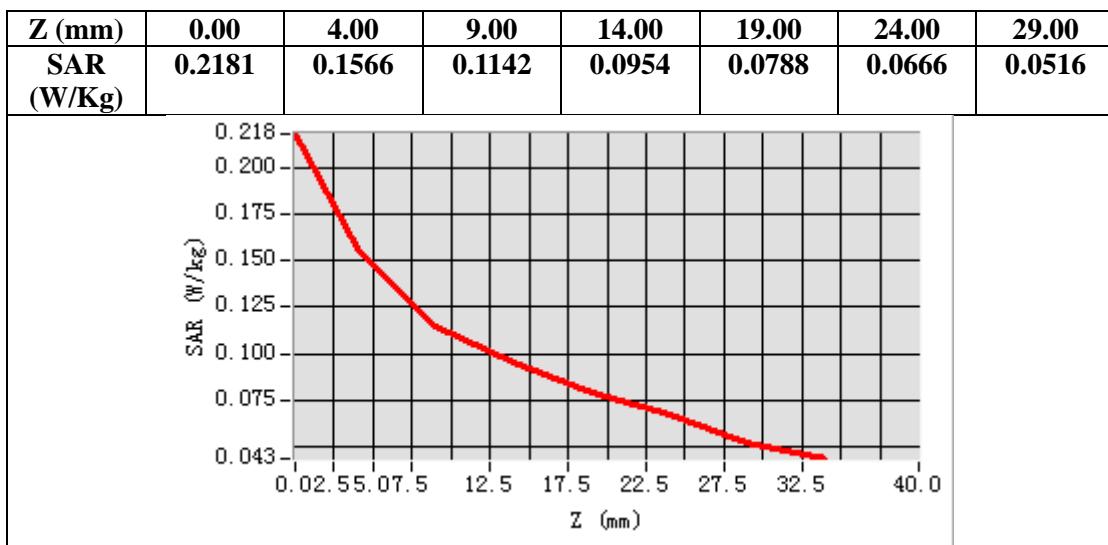
Configuration/ LTE Band XVII High - Tilt -Left /Zoom Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Tilt
Band	LTE Band XVII
Channels	High
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-56.00, Y=-40.00
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.112941
SAR 1g (W/Kg)	0.152820



Test Laboratory: AGC Lab
LTE Band XVII High - Edge 2 (1 RB#49)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 24,2017

Communication System: LTE; Communication System Band: LTE Band XVII; Duty Cycle:1:1; Conv.F=5.30;
Frequency: 711 MHz; Medium parameters used: $f = 750 \text{ MHz}$; $\sigma=0.96 \text{ mho/m}$; $\epsilon_r = 54.28$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 22.7, Liquid temperature ($^{\circ}\text{C}$): 21.9

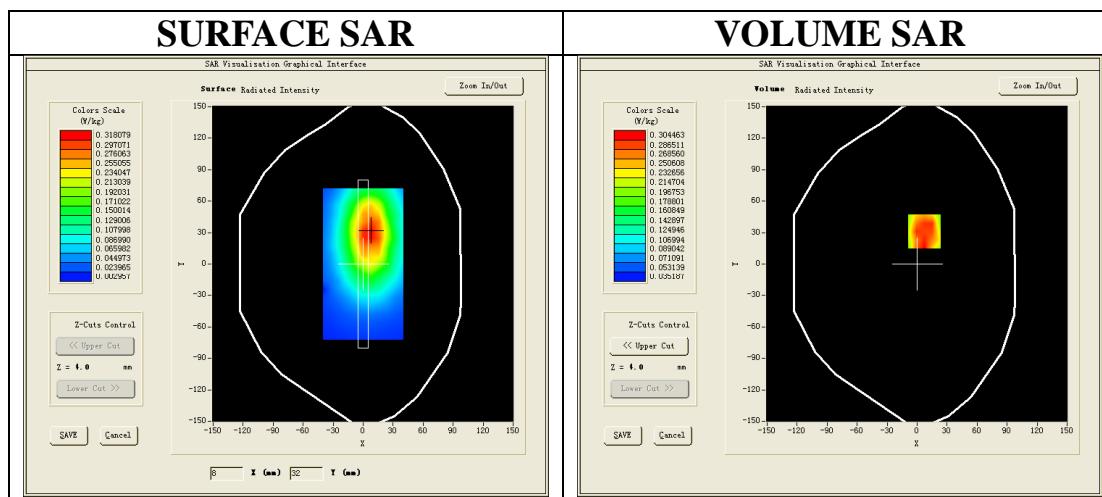
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band XVII High - Edge 2/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

Configuration/ LTE Band XVII High - Edge 2/Zoom Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{m}$;

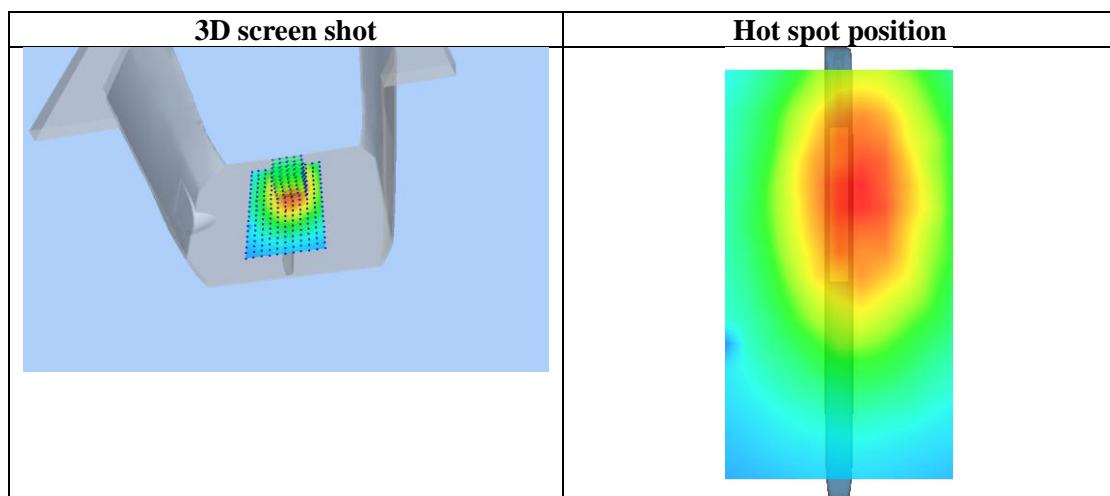
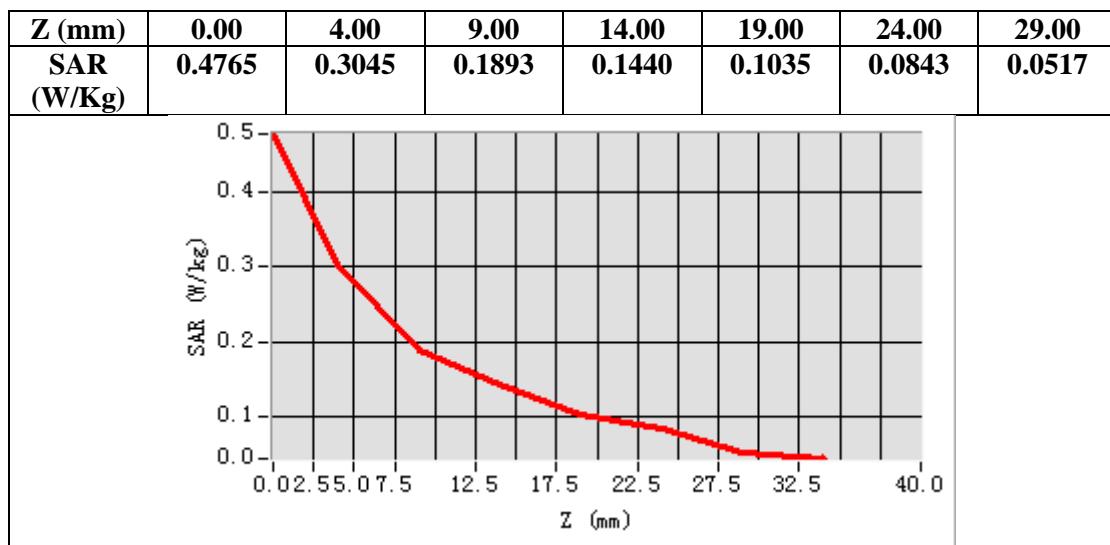
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge 2
Band	LTE Band XVII
Channels	High
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=7.00, Y=31.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.210293
SAR 1g (W/Kg)	0.308195



WIFI MODE

Test Laboratory: AGC Lab

802.11b Low- Tilt -Left

DUT: 4G Smart Phone; Type: AGM A8

Date: May 02,2017

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=5.19;
Frequency: 2412 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.74\text{mho/m}$; $\epsilon_r = 40.72$ $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Left Section
Ambient temperature ($^{\circ}\text{C}$): 22.1, Liquid temperature ($^{\circ}\text{C}$): 21.2

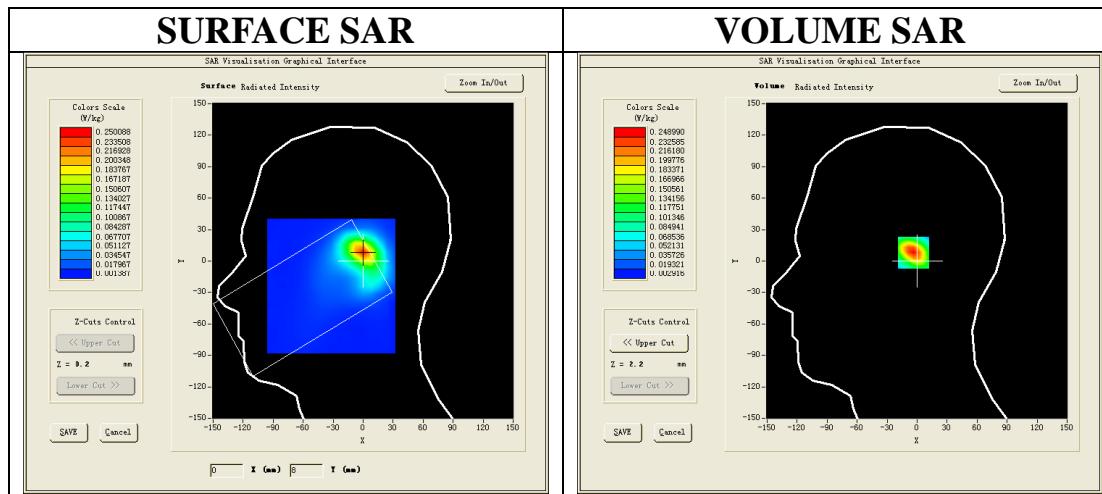
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/802.11b Low - Tilt -Left/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$

Configuration/802.11b Low - Tilt -Left/Zoom Scan: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

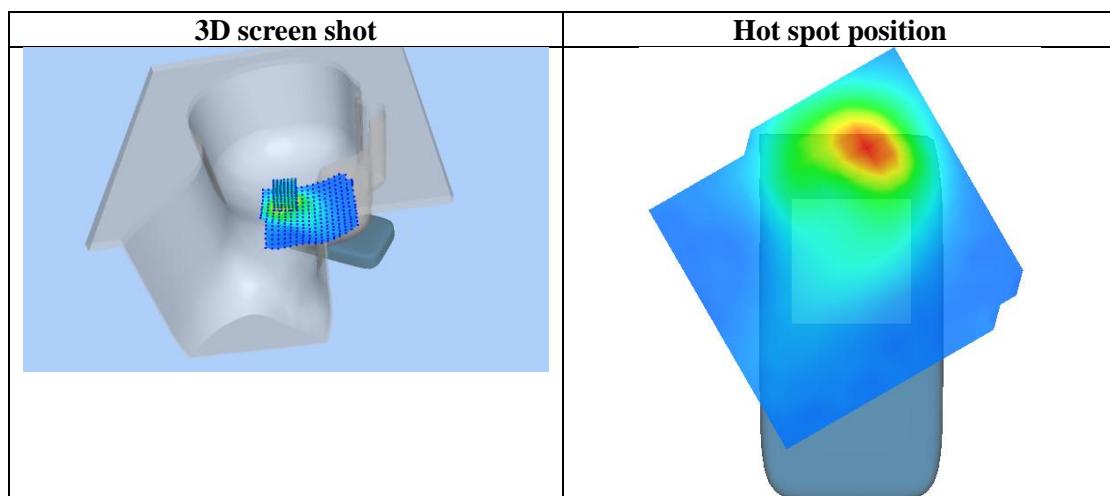
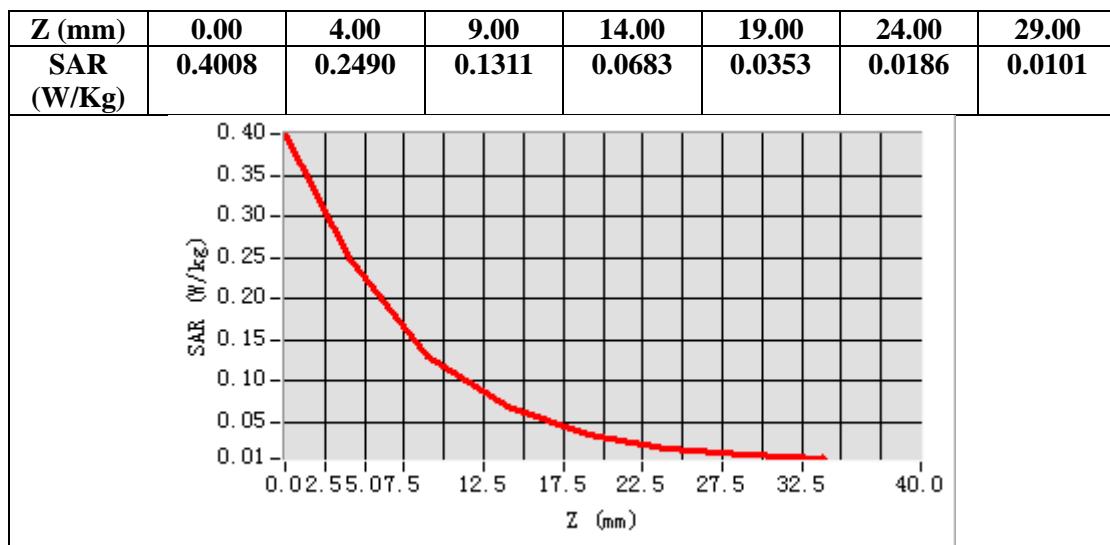
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Tilt
Band	2450MHz
Channels	Low
Signal	Crest factor: 1.0



Maximum location: X=0.00, Y=8.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.109271
SAR 1g (W/Kg)	0.226168



Test Laboratory: AGC Lab
802.11b Low -Body-Worn- Back
DUT: 4G Smart Phone; Type: AGM A8

Date: May 02,2017

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=5.33;
Frequency: 2412 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.87\text{mho/m}$; $\epsilon_r = 53.91$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 22.1, Liquid temperature ($^{\circ}\text{C}$): 20.9

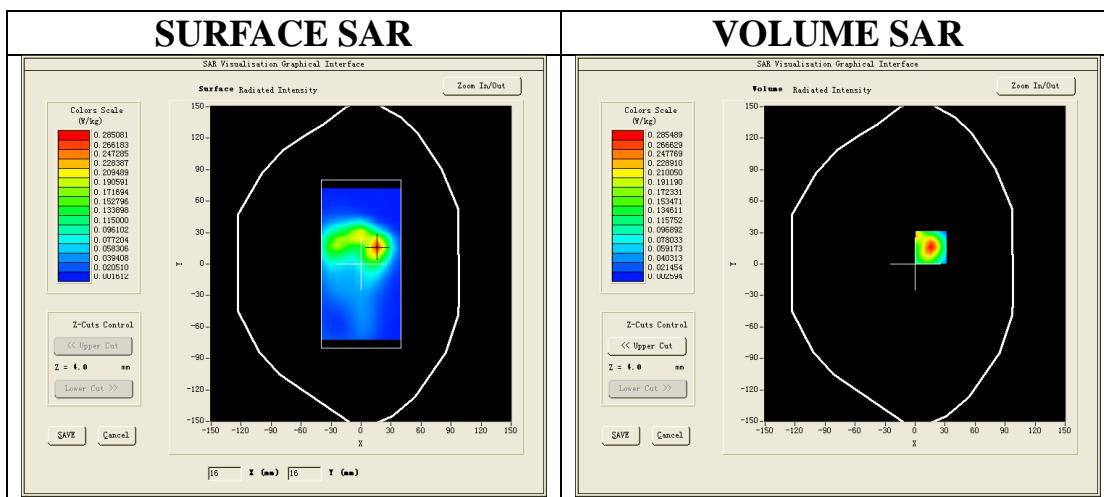
SATIMO Configuration:

- Probe: SSE5; Calibrated: 12/05/2016; Serial No.: SN 14/16 EP308
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/802.11b Low - Body- Back /Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/802.11b Low - Body- Back /Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm;

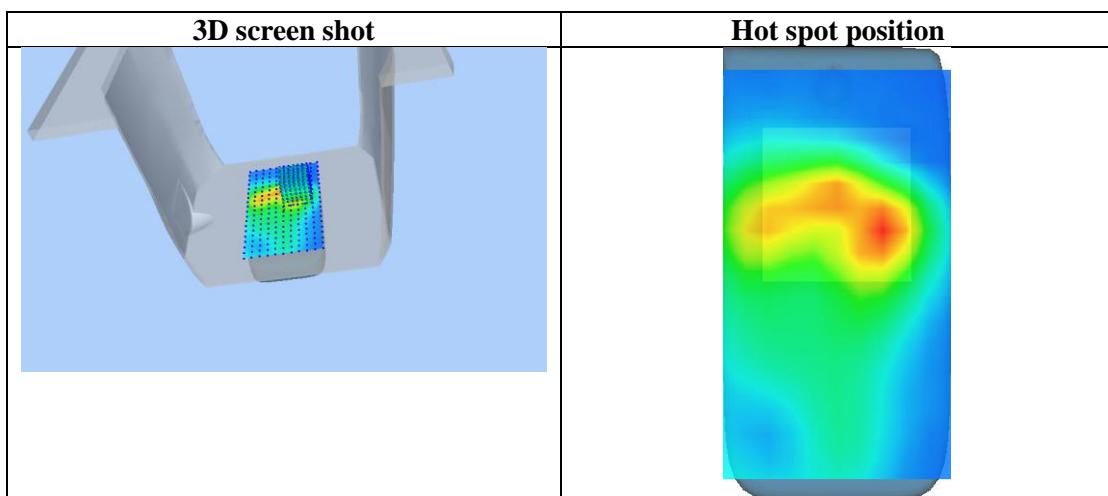
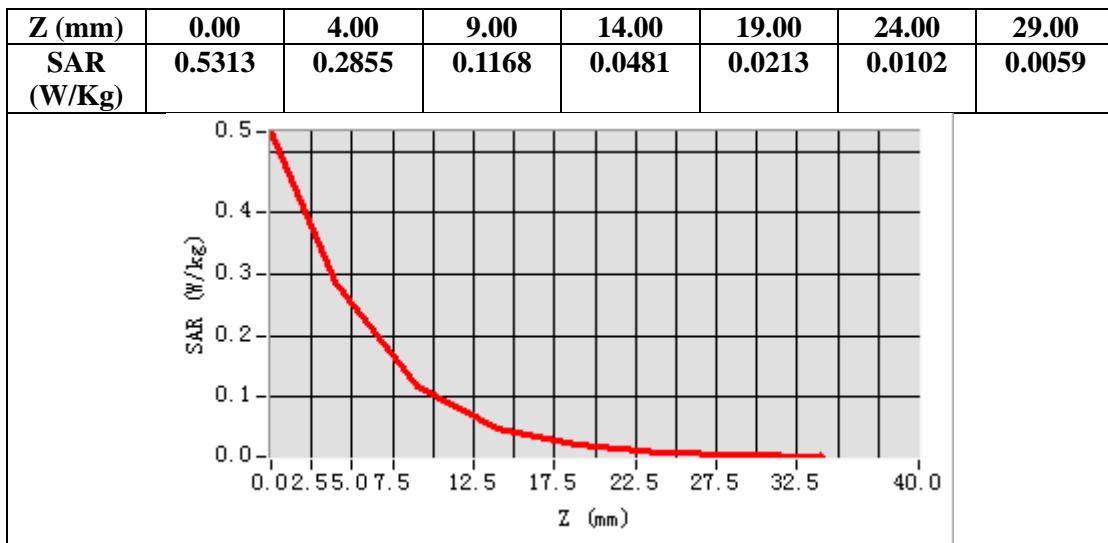
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	2450MHz
Channels	Low
Signal	Crest factor: 1.0



Maximum location: X=16.00, Y=16.00

SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)	0.111785
SAR 1g (W/Kg)	0.259582



Repeated SAR

Test Laboratory: AGC Lab

Date: May 04,2017

PCS 1900 Mid-Body-Back (MS)<SIM 1>

DUT: 4G Smart Phone; Type: AGM A8

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=5.34; Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.50$ mho/m; $\epsilon_r = 53.12$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

Ambient temperature (°C): 22.0 , Liquid temperature (°C): 20.9

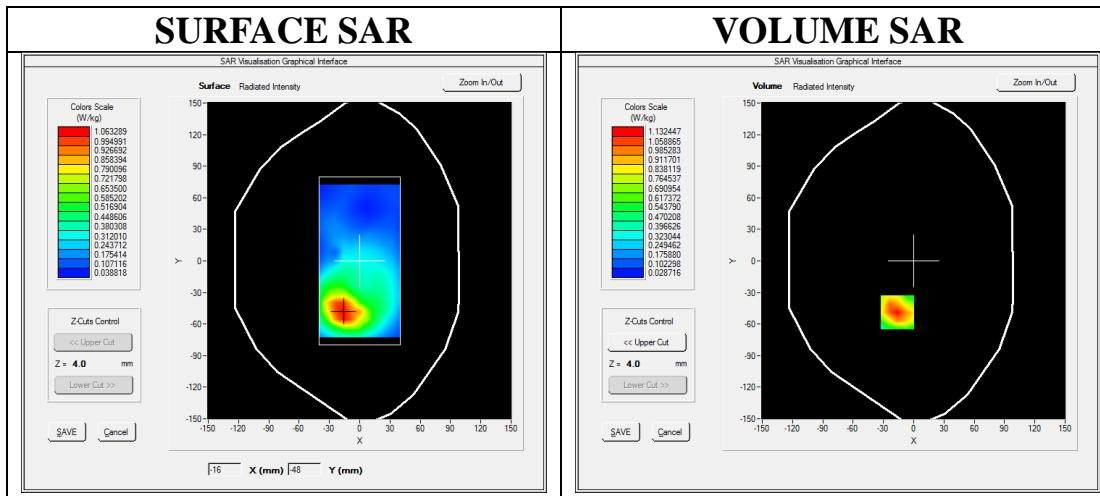
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

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

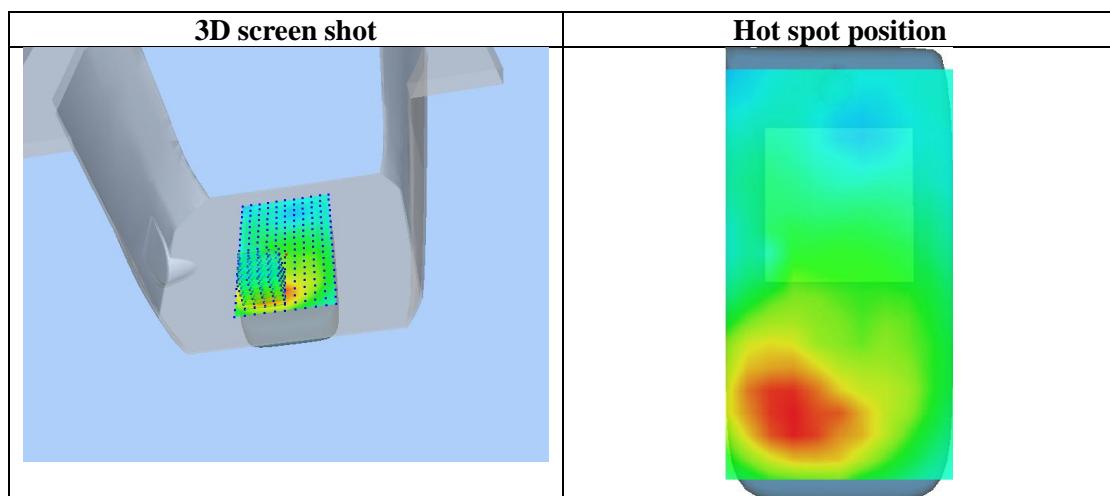
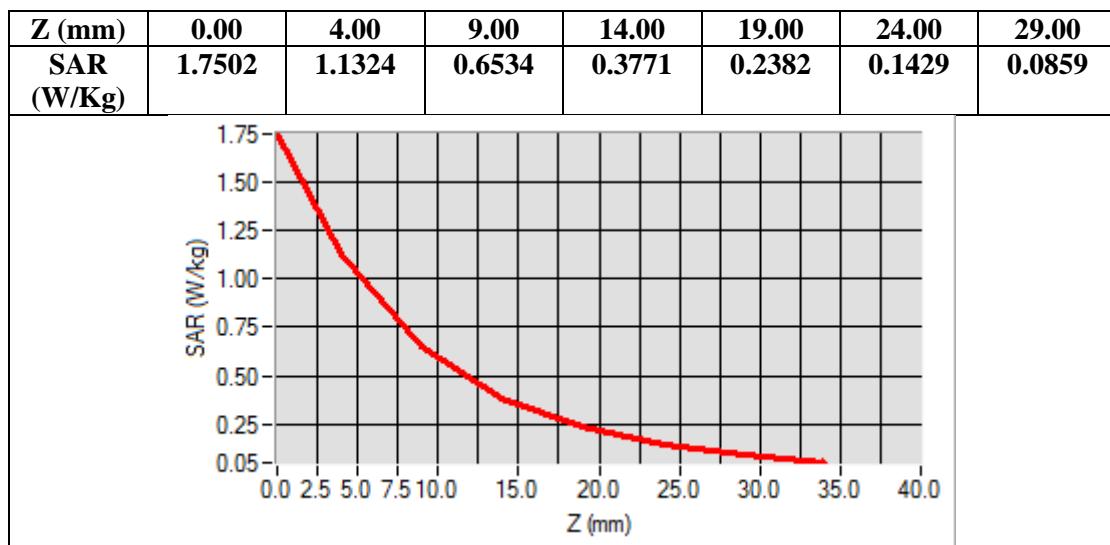
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=-16.00, Y=-49.00

SAR Peak: 1.81 W/kg

SAR 10g (W/Kg)	0.586710
SAR 1g (W/Kg)	1.068676



Test Laboratory: AGC Lab
LTE Band II Mid-Body-Back (1 RB#50)
DUT: 4G Smart Phone; Type: AGM A8

Date: May 15,2017

Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.34;
Frequency:1880MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.15$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 22.6, Liquid temperature (°C): 21.6

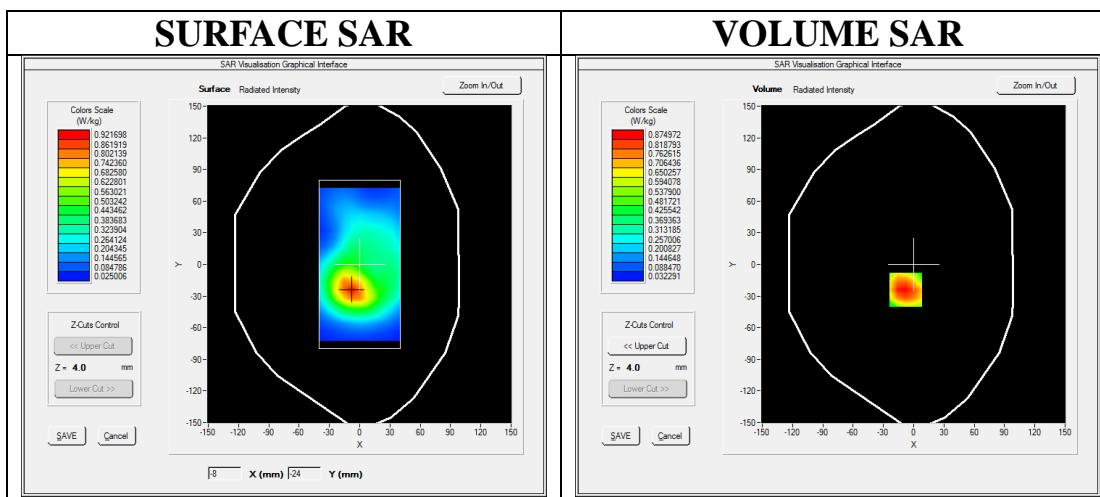
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

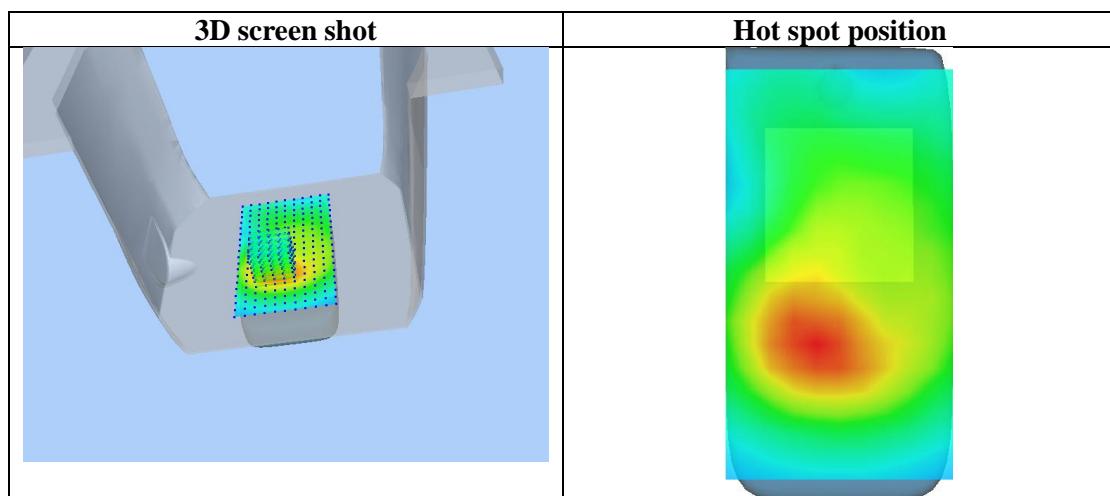
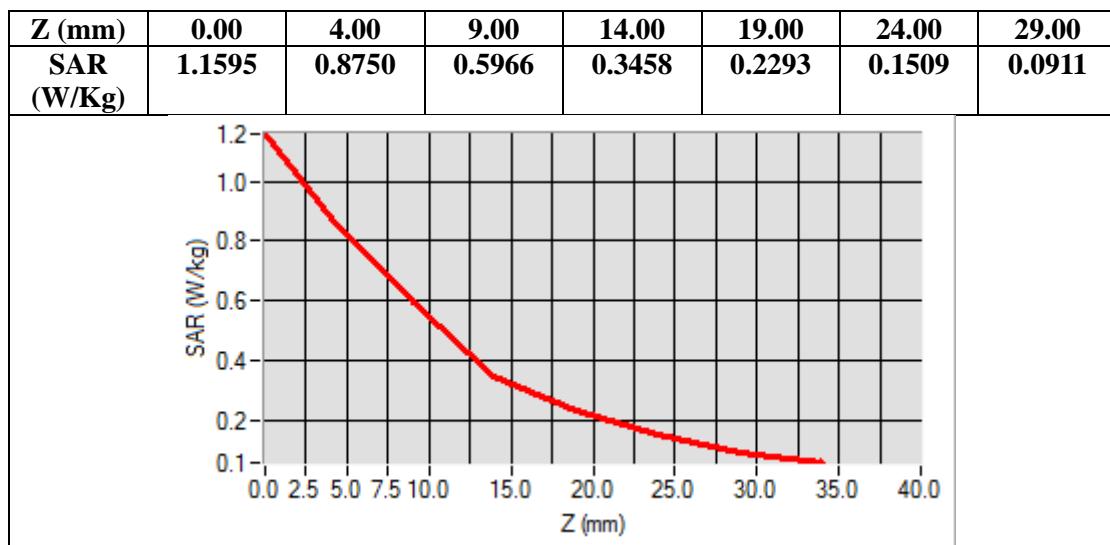
Configuration/ LTE Band II Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-8.00, Y=-24.00
SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.493312
SAR 1g (W/Kg)	0.829018



Test Laboratory: AGC Lab

Date: May 23,2017

LTE Band IV Mid-Body-Back (1 RB#0)

DUT: 4G Smart Phone; Type: AGM A8

Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=5.06; Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.66$; $\rho = 1000$ kg/m³ ; Phantom section: Flat Section

Ambient temperature (°C): 21.9, Liquid temperature (°C): 20.9

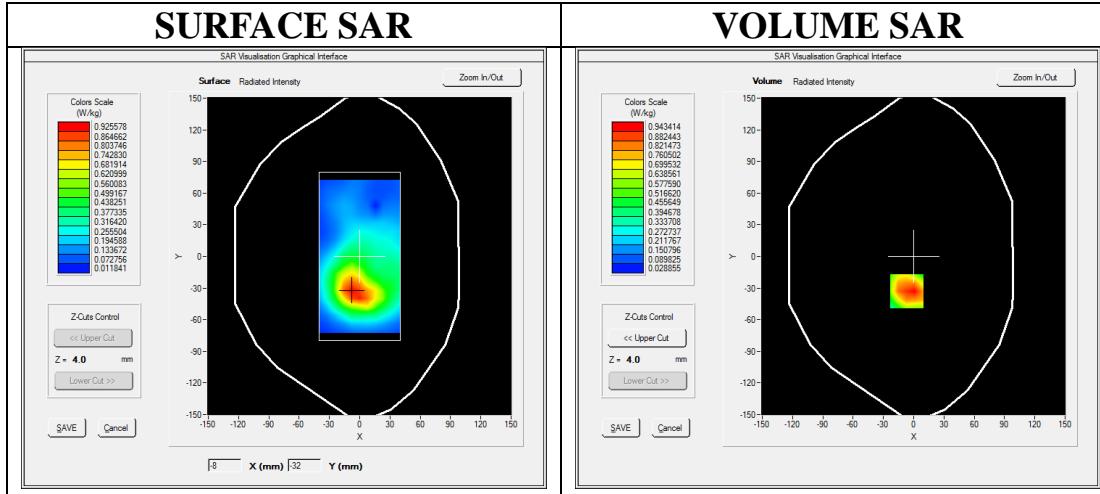
SATIMO Configuration:

- Probe: SSE5; Calibrated: 07/05/2016; Serial No.: SN 14/16 EP307
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

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

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

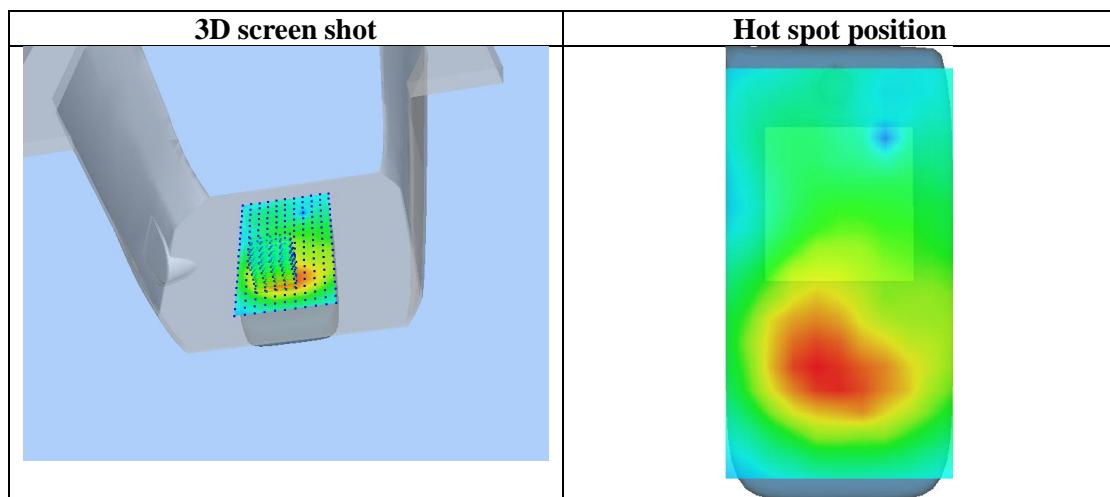
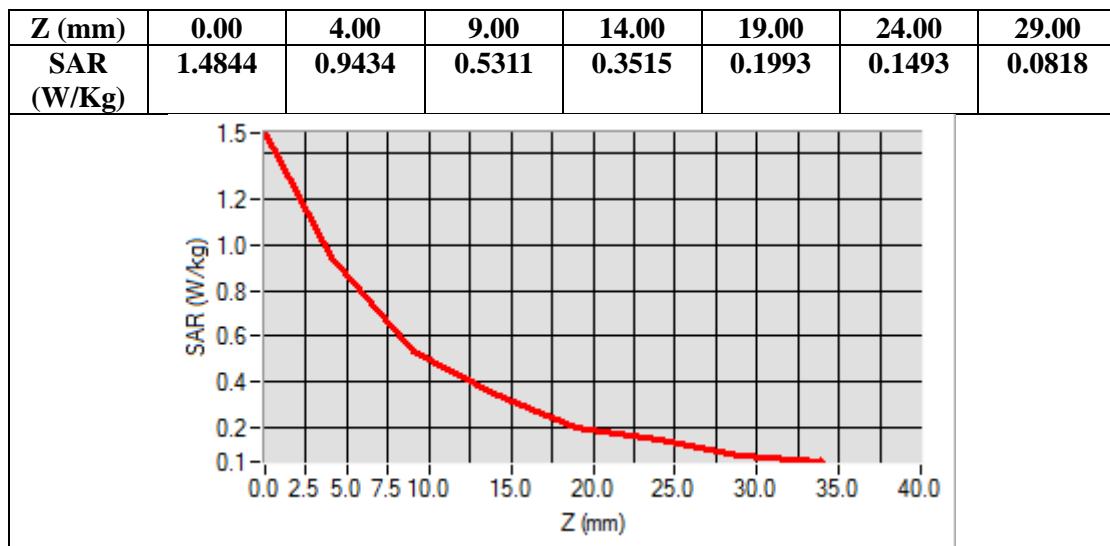
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band IV
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-7.00, Y=-33.00

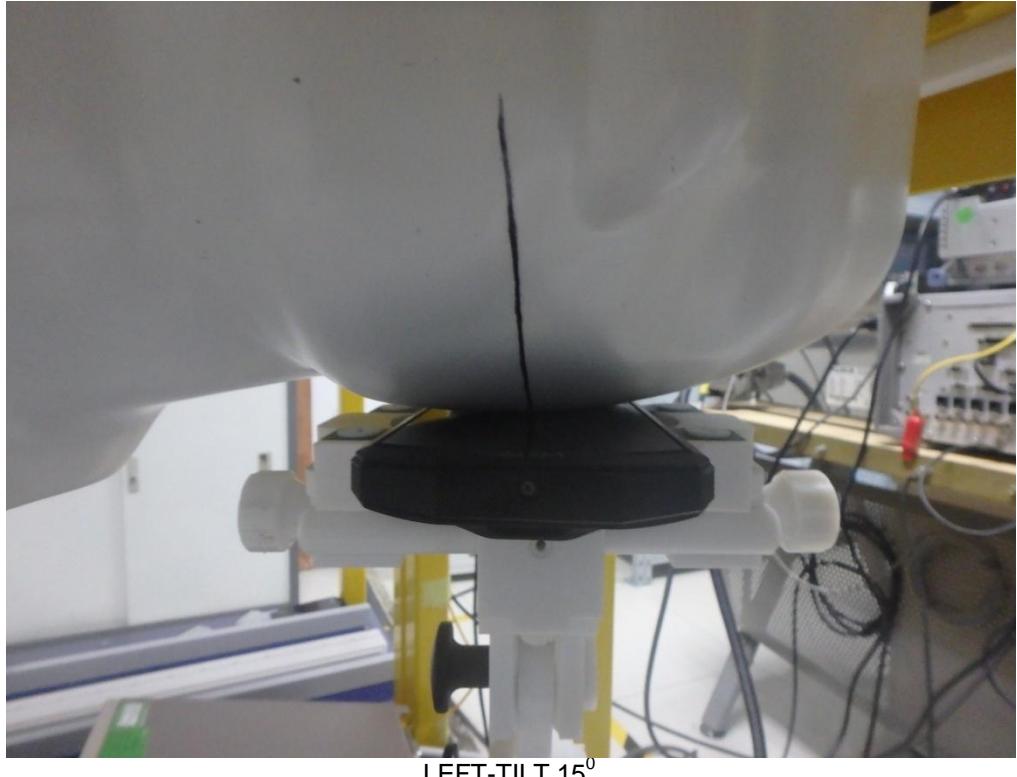
SAR Peak: 1.41 W/kg

SAR 10g (W/Kg)	0.532995
SAR 1g (W/Kg)	0.886097



APPENDIX C. TEST SETUP PHOTOGRAPHS

Test Setup Photographs LEFT-CHEEK TOUCH

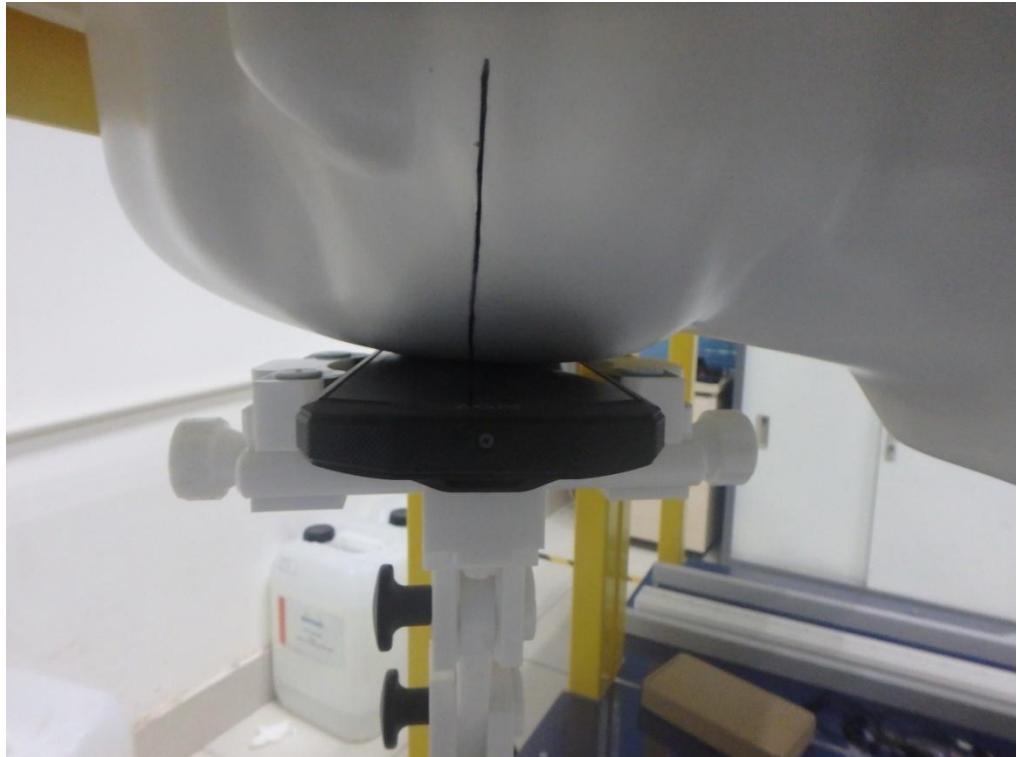


LEFT-TILT 15°

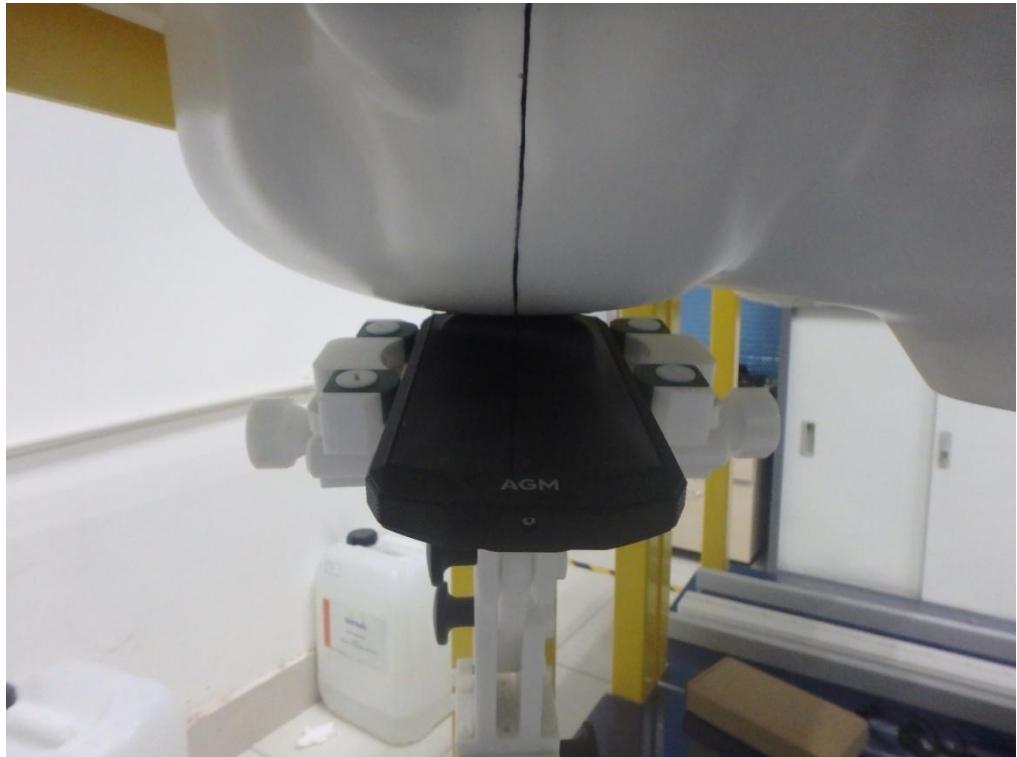


1

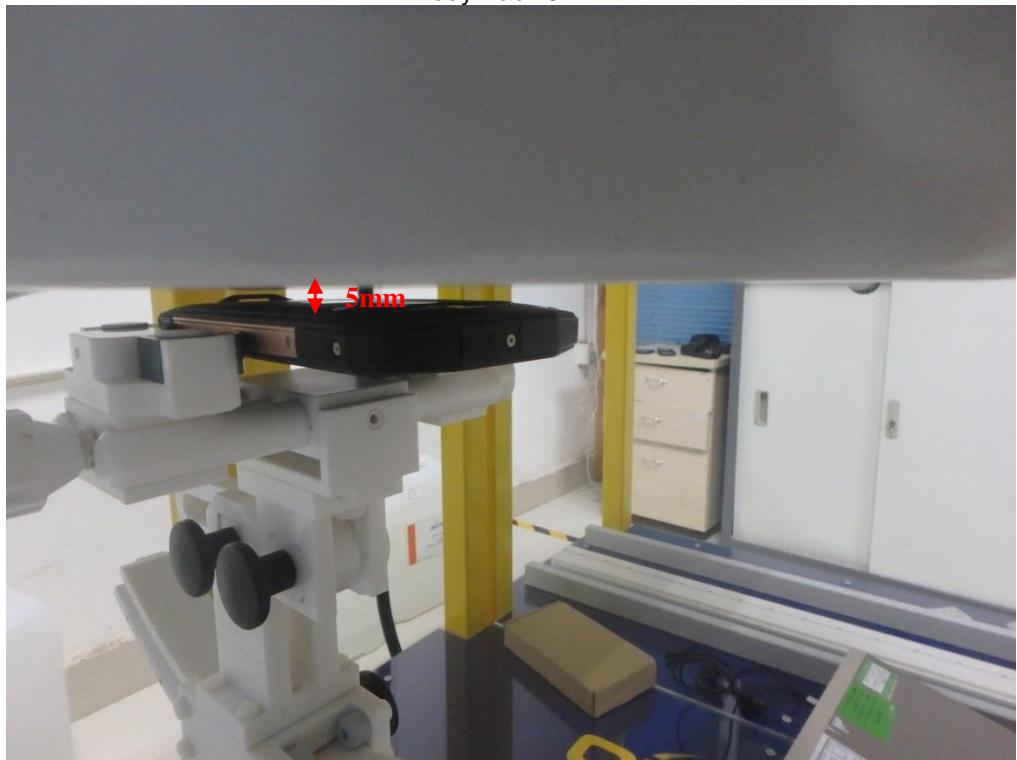
RIGHT- CHEEK TOUCH



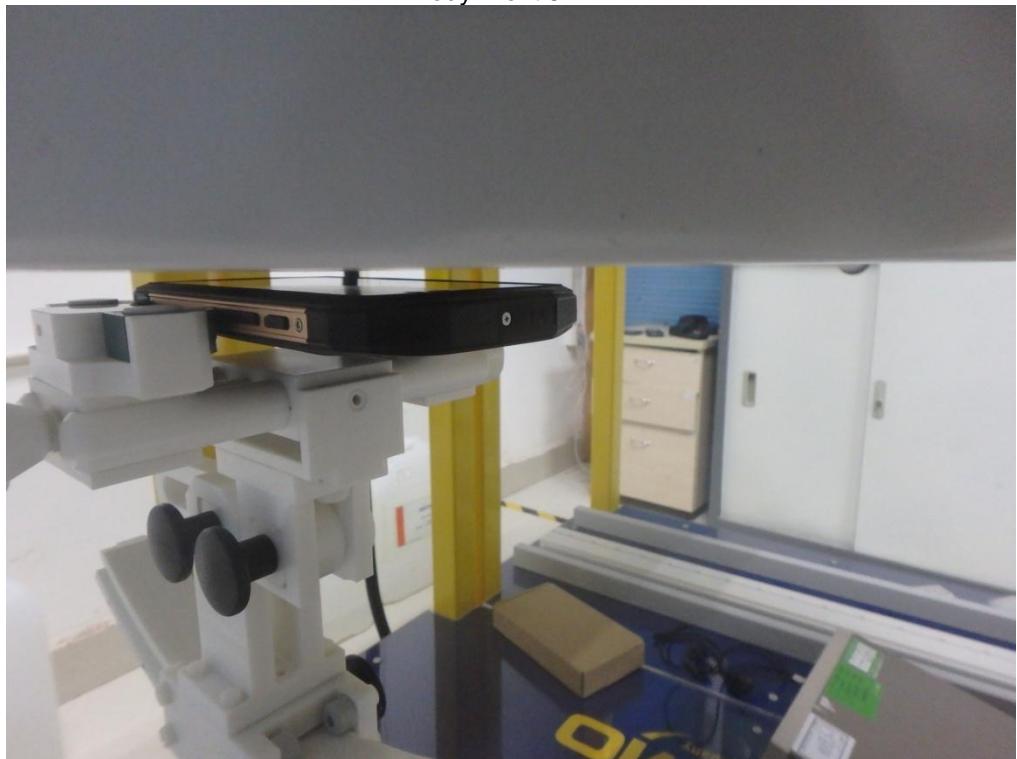
RIGHT-TILT 15⁰



Body Back 5mm



Body Front 5mm



Edge 1(Top) 10mm-Hotspot Mode



Edge 2(Right) 10mm-Hotspot Mode



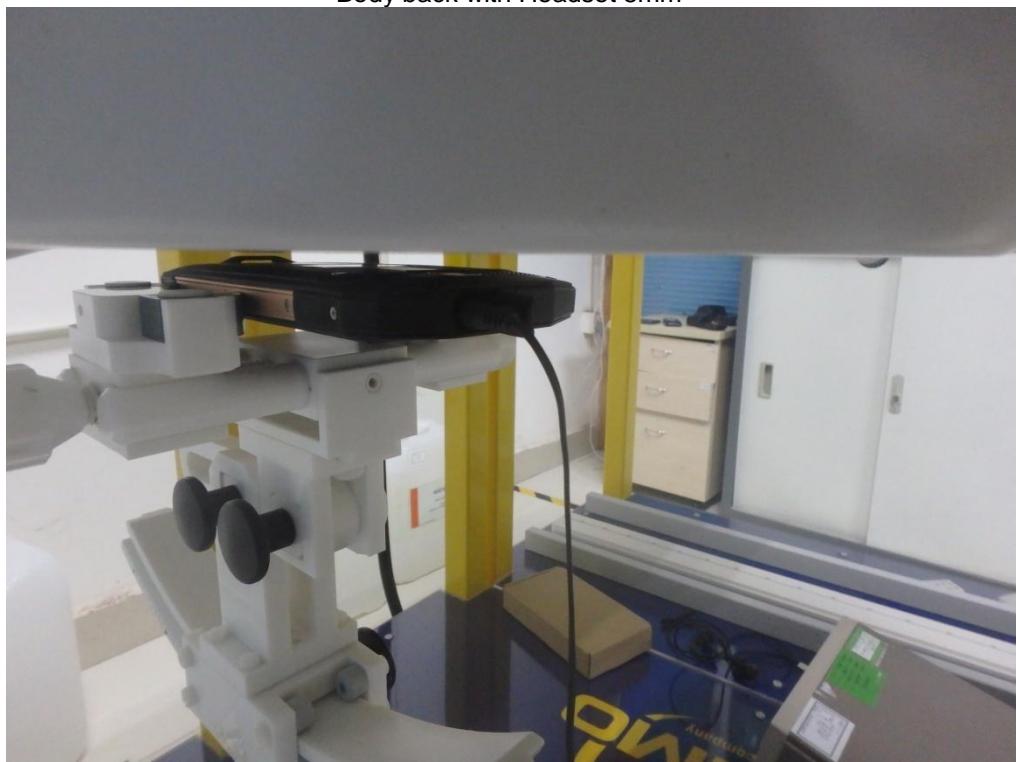
Edge 3(Bottom) 10mm-Hotspot Mode



Edge 4(Left) 10mm-Hotspot Mode



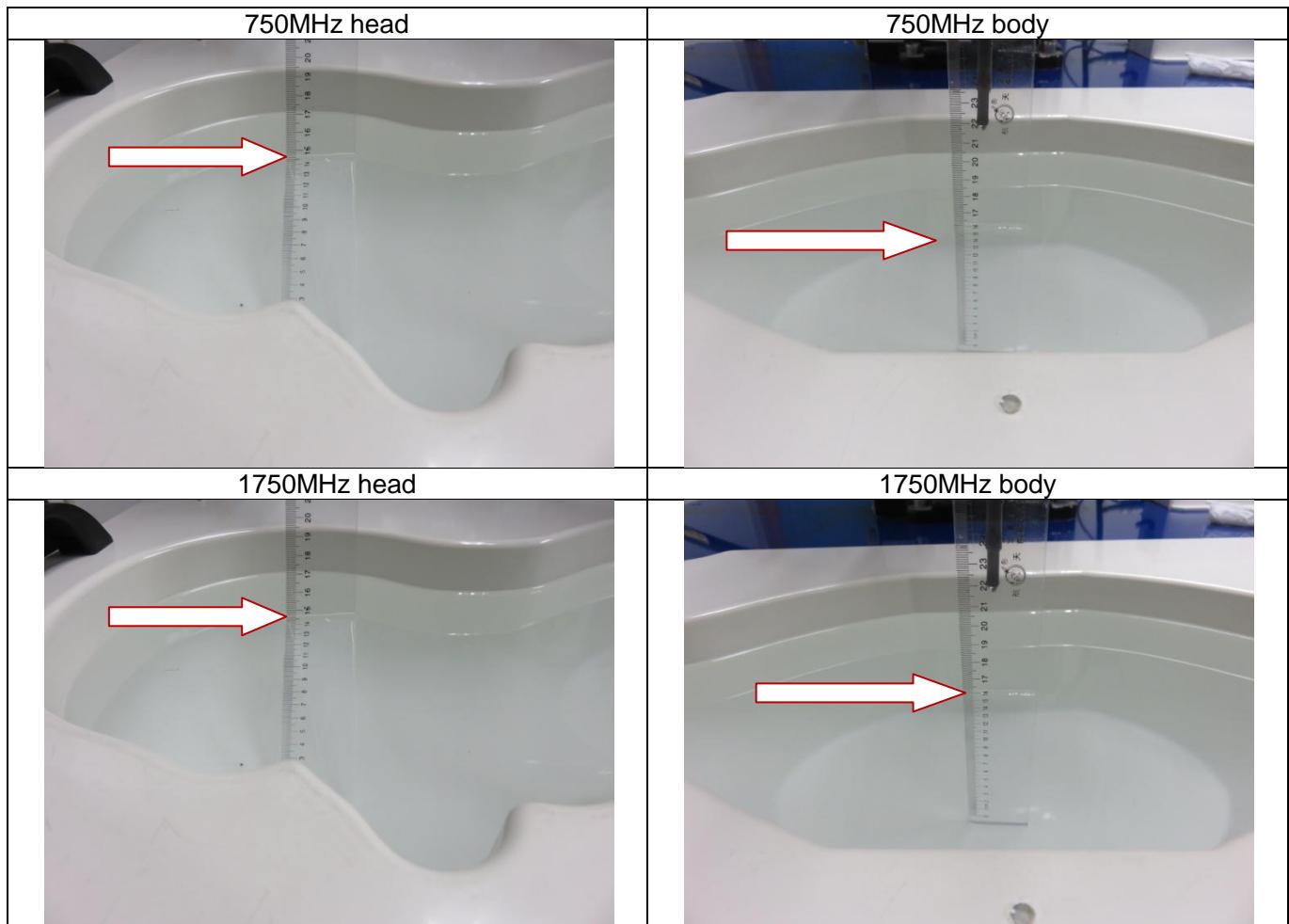
Body back with Headset 5mm



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, anatomically shaped phantom containing a clear liquid. A vertical ruler is positioned next to the phantom's neck. A red arrow points to the liquid level, which is approximately at the 18 cm mark on the ruler.	 A photograph of a white, anatomically shaped phantom containing a clear liquid. A vertical ruler is positioned next to the phantom's neck. A red arrow points to the liquid level, which is approximately at the 18 cm mark on the ruler.
1900MHz head	1900MHz body
 A photograph of a white, anatomically shaped phantom containing a clear liquid. A vertical ruler is positioned next to the phantom's neck. A red arrow points to the liquid level, which is approximately at the 18 cm mark on the ruler.	 A photograph of a white, anatomically shaped phantom containing a clear liquid. A vertical ruler is positioned next to the phantom's neck. A red arrow points to the liquid level, which is approximately at the 18 cm mark on the ruler.
2450MHz head	2450MHz body
 A photograph of a white, anatomically shaped phantom containing a clear liquid. A vertical ruler is positioned next to the phantom's neck. A red arrow points to the liquid level, which is approximately at the 18 cm mark on the ruler.	 A photograph of a white, anatomically shaped phantom containing a clear liquid. A vertical ruler is positioned next to the phantom's neck. A red arrow points to the liquid level, which is approximately at the 18 cm mark on the ruler.



APPENDIX D. CALIBRATION DATA

Refer to Attached files.