

Test Laboratory: AGC Lab

Date: Mar. 02,2019

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

DUT: Smart phone; Type: JAX M

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: $f = 835\text{MHz}$; $\sigma = 0.98\text{ mho/m}$; $\epsilon_r = 55.75$; $\rho = 1000\text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 21.7, Liquid temperature ($^{\circ}\text{C}$): 20.9

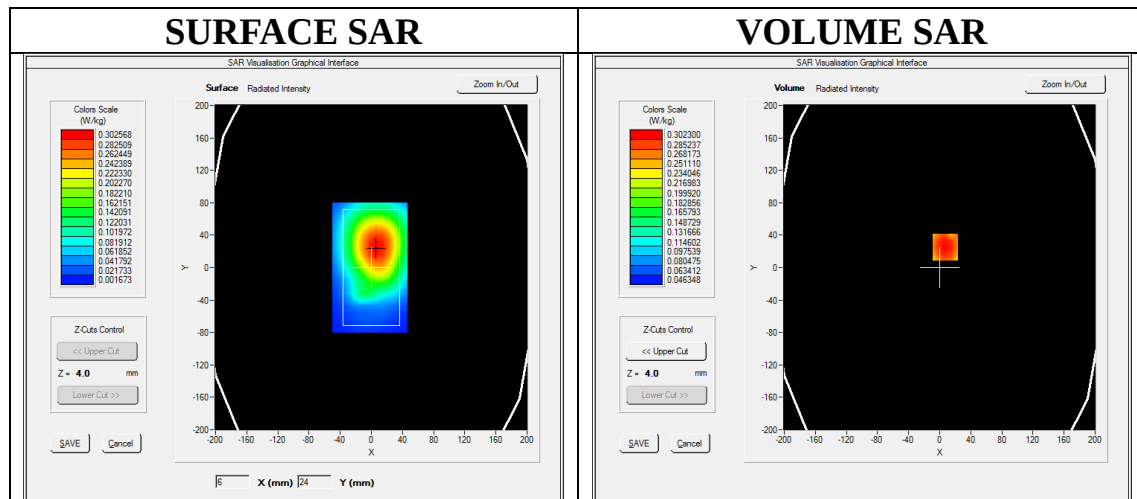
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

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

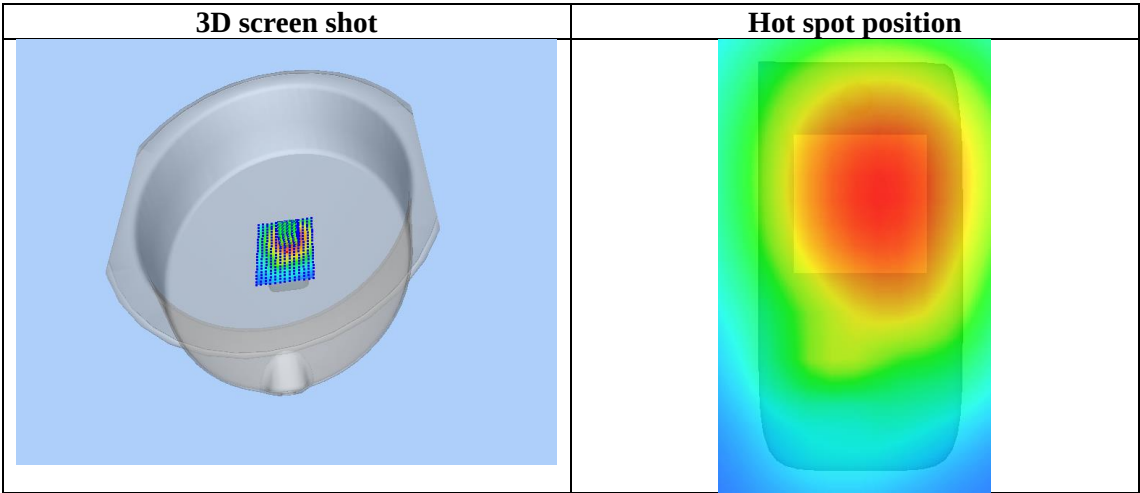
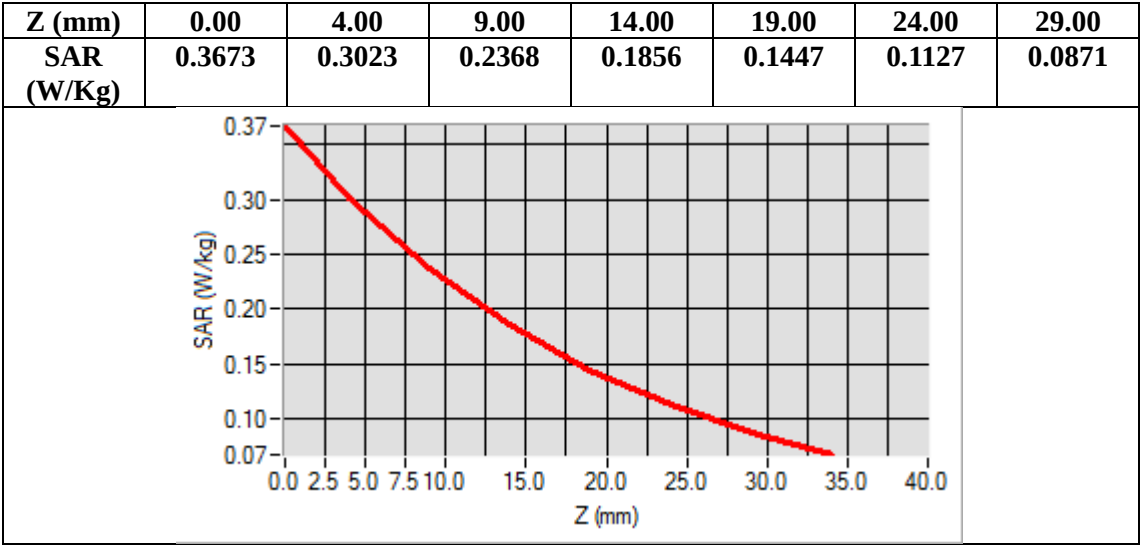
Area Scan	$dx=8\text{mm}$ $dy=8\text{mm}$, $h= 5.00\text{ mm}$
ZoomScan	$5\times 5\times 7$, $dx=8\text{mm}$ $dy=8\text{mm}$ $dz=5\text{mm}$
Phantom	ELLI
Device Position	Body Back
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=7.00, Y=25.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.218101
SAR 1g (W/Kg)	0.286646



Test Laboratory: AGC Lab
LTE Band II Mid-Touch-Right (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Mar. 04,2019

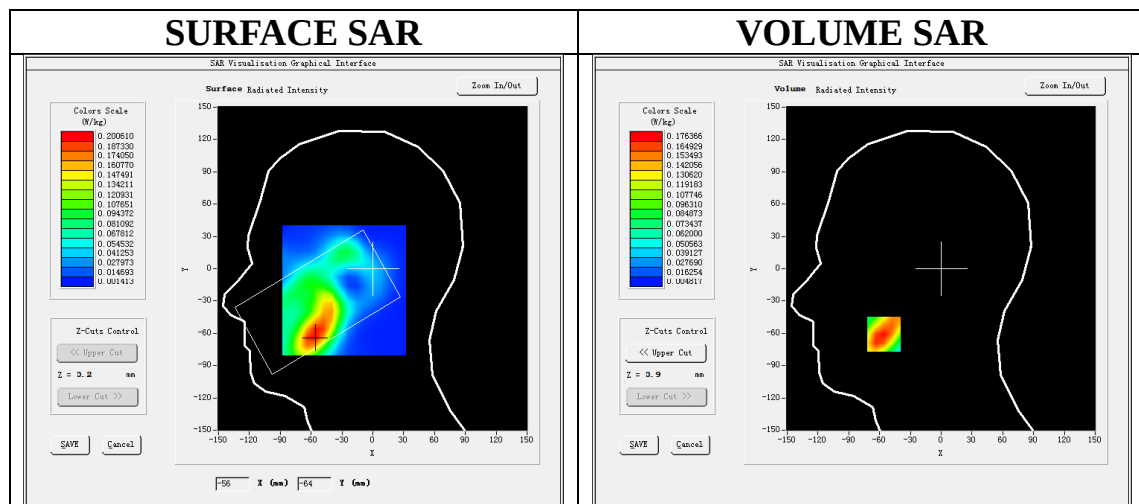
Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.24;
Frequency:1880MHz; Medium parameters used: $f=1900$ MHz; $\sigma=1.42$ mho/m; $\epsilon_r=41.45$; $\rho=1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.5, Liquid temperature (°C): 20.6

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_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;

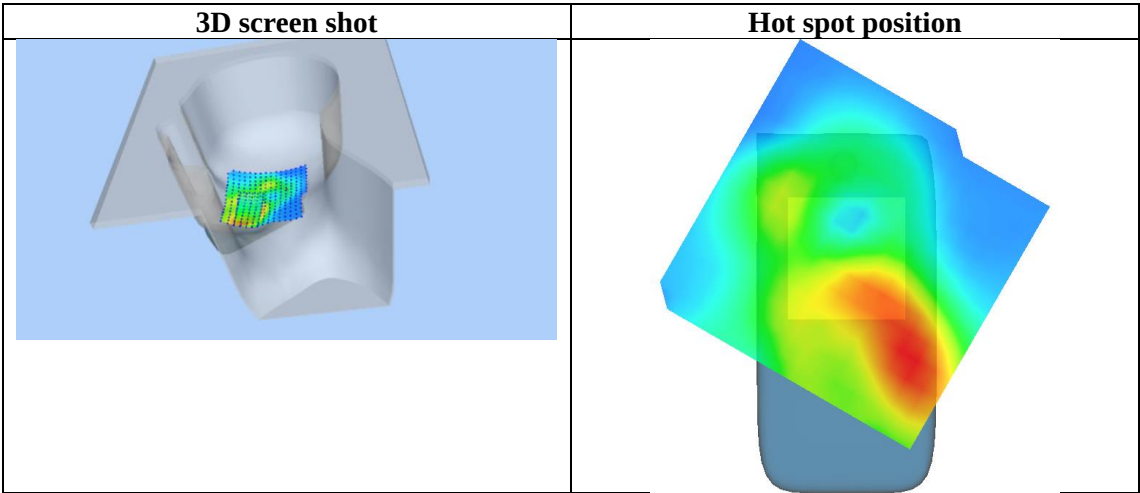
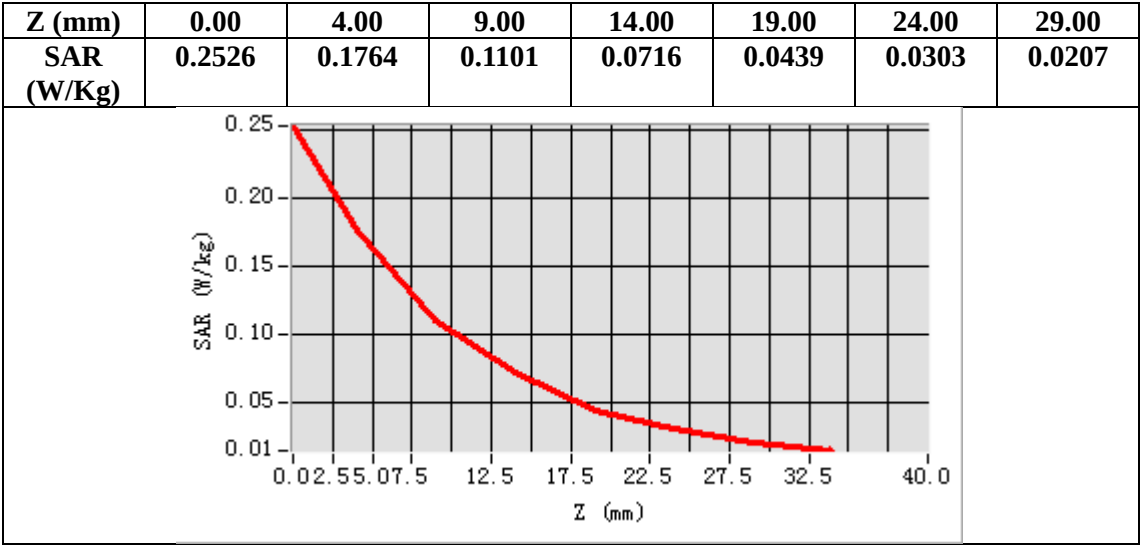
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-56.00, Y=-61.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.100233
SAR 1g (W/Kg)	0.169271



Test Laboratory: AGC Lab
LTE Band II Mid- Edge 3 (1 RB#0)
DUT: Smart phone; Type: JAX M

Date: Mar. 04,2019

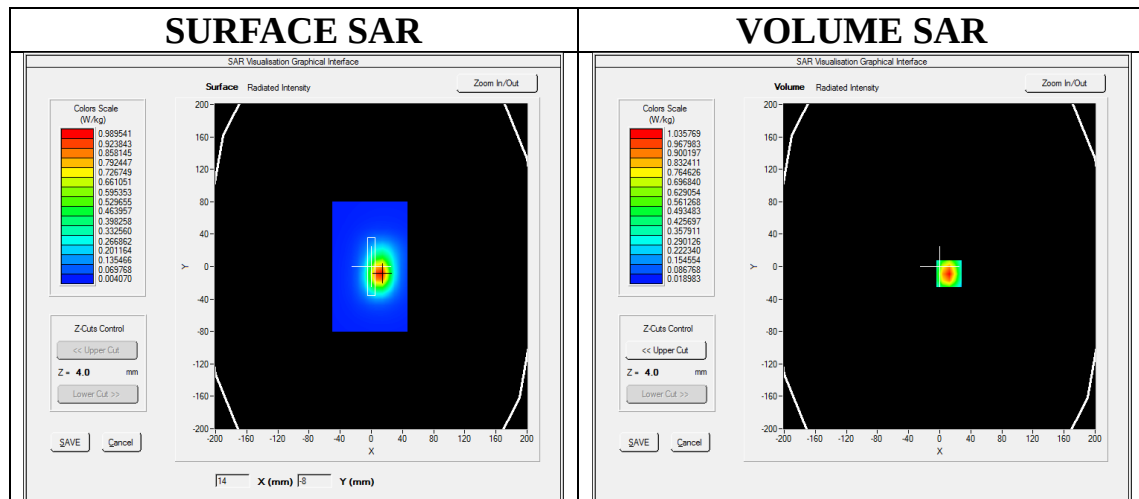
Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.39;
Frequency:1880MHz; Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.62$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 21.5, Liquid temperature ($^{\circ}\text{C}$): 20.4

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band II Mid- Edge 3/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$
Configuration/ LTE Band II Mid- Edge 3/Zoom Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$;

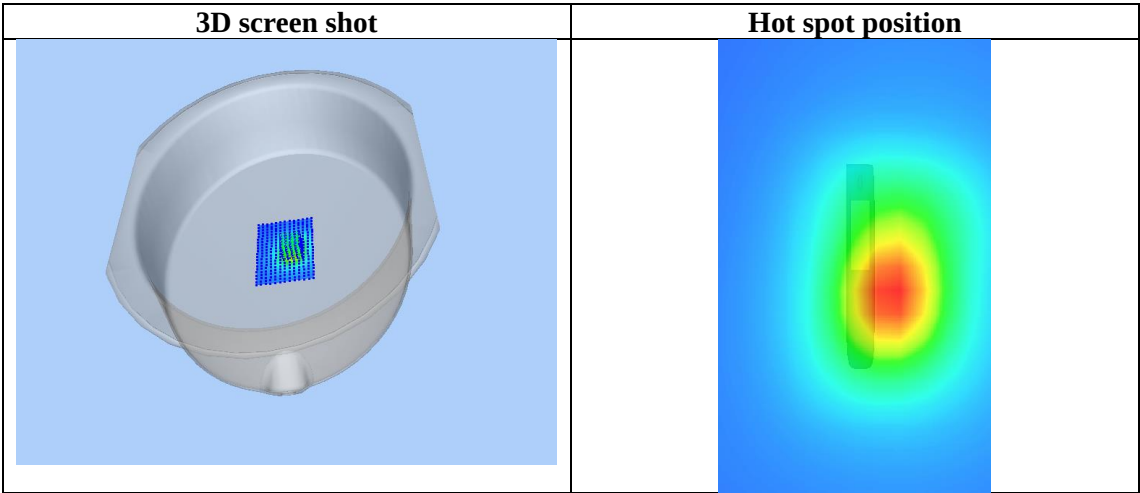
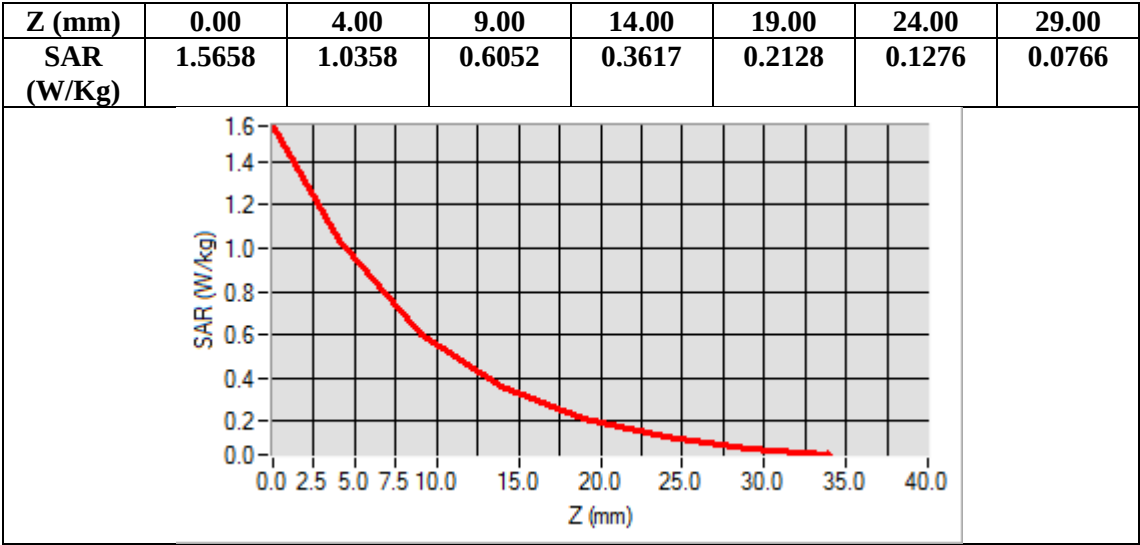
Area Scan	$dx=8\text{mm}$ $dy=8\text{mm}$, $h= 5.00 \text{ mm}$
Zoom Scan	$5 \times 5 \times 7$, $dx=8\text{mm}$ $dy=8\text{mm}$ $dz=5\text{mm}$
Phantom	ELLI
Device Position	Edge 3
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=12.00, Y=-9.00

SAR Peak: 1.56 W/kg

SAR 10g (W/Kg)	0.512977
SAR 1g (W/Kg)	0.968455



Test Laboratory: AGC Lab

Date: Mar.03,2019

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

DUT: Smart phone; Type: JAX M

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; $\sigma = 1.38$ mho/m; $\epsilon_r = 41.22$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 21.4, Liquid temperature (°C): 20.3

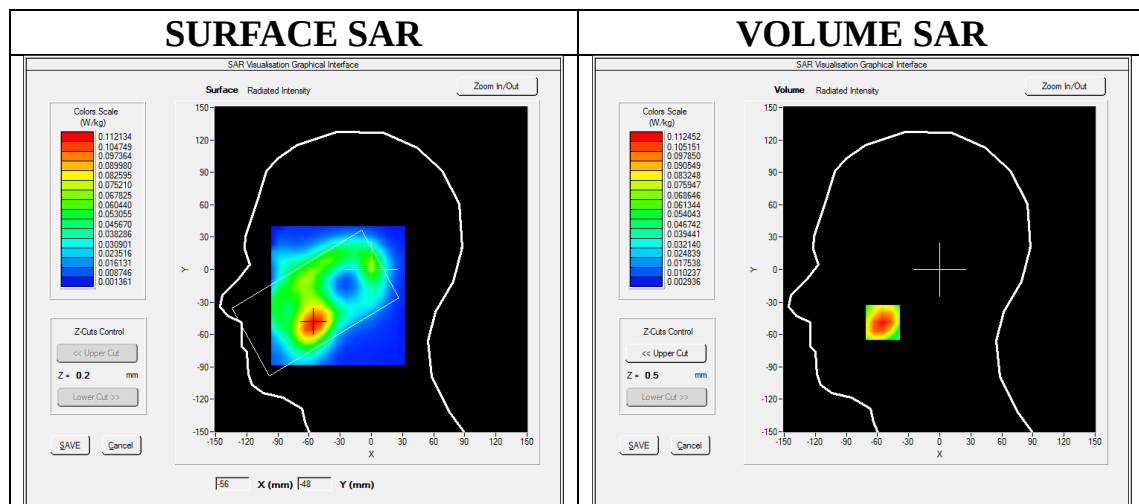
SATIMO Configuration:

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

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

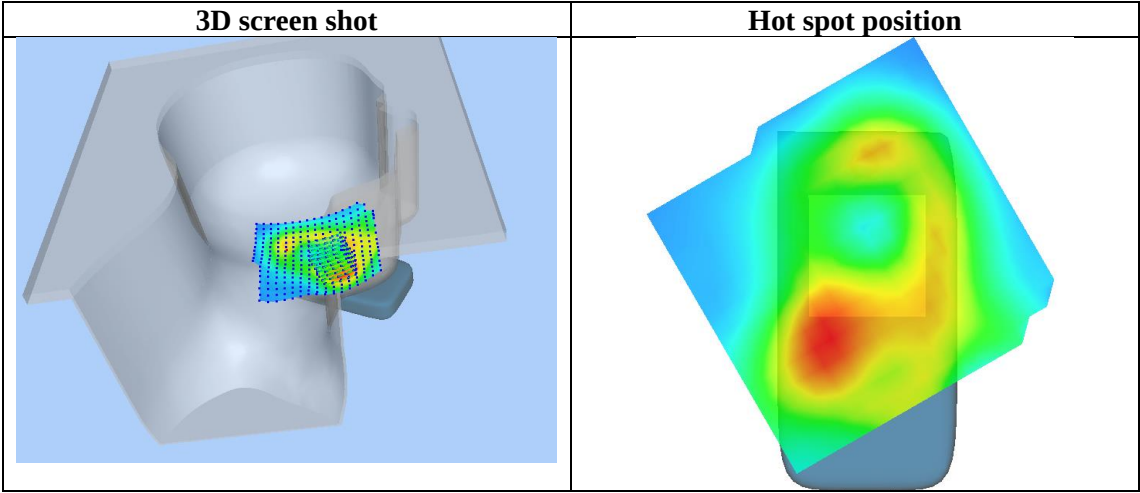
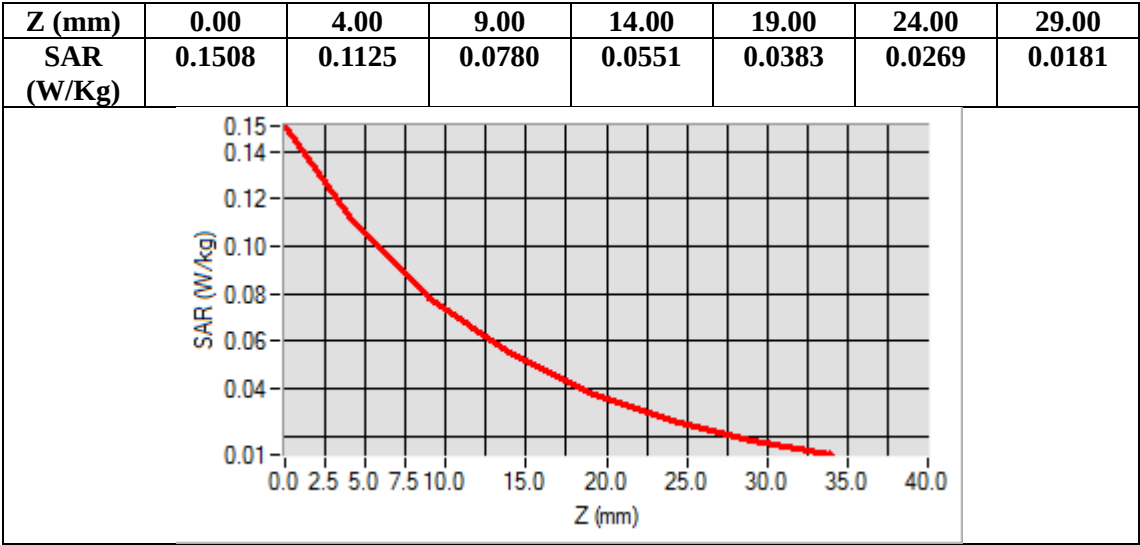
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band IV
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-55.00, Y=-49.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.067292
SAR 1g (W/Kg)	0.107689



Test Laboratory: AGC Lab
LTE Band IV Mid-Edge 3 (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Mar.03,2019

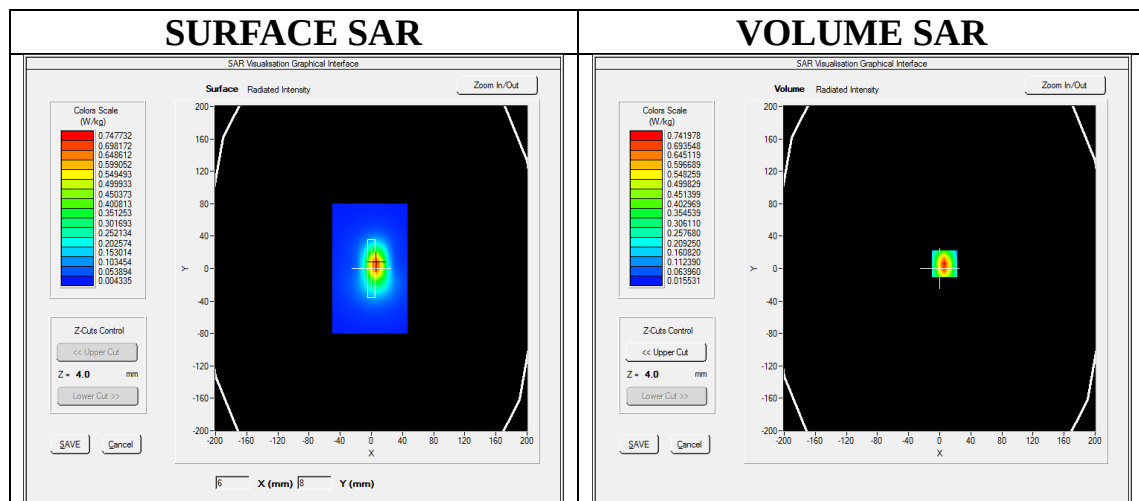
Communication System: LTE; Communication System Band: LTE Band IV; Duty Cycle:1:1; Conv.F=4.81;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.31$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.4, Liquid temperature (°C): 20.1

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

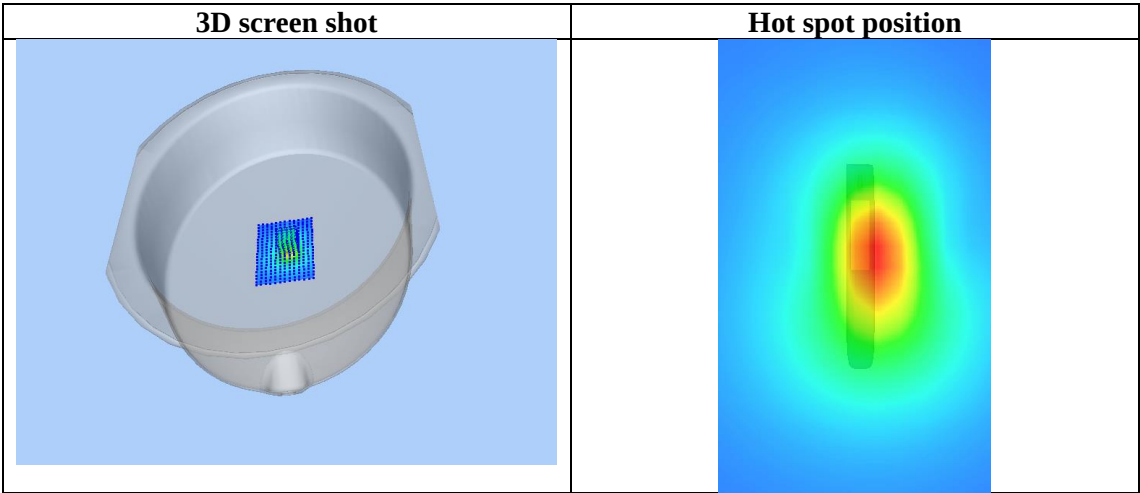
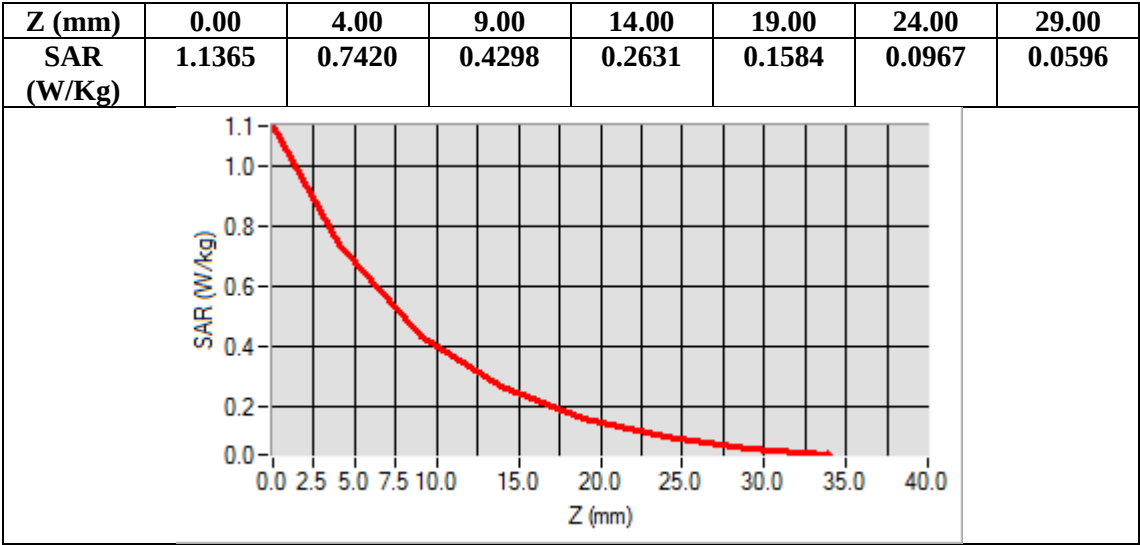
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Edge 3
Band	LTE Band IV
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=6.00, Y=6.00

SAR Peak: 1.13 W/kg

SAR 10g (W/Kg)	0.359497
SAR 1g (W/Kg)	0.686442



Test Laboratory: AGC Lab
LTE Band V Mid-Touch-Right (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Mar. 02,2019

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; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.23$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 20.6

SATIMO Configuration:

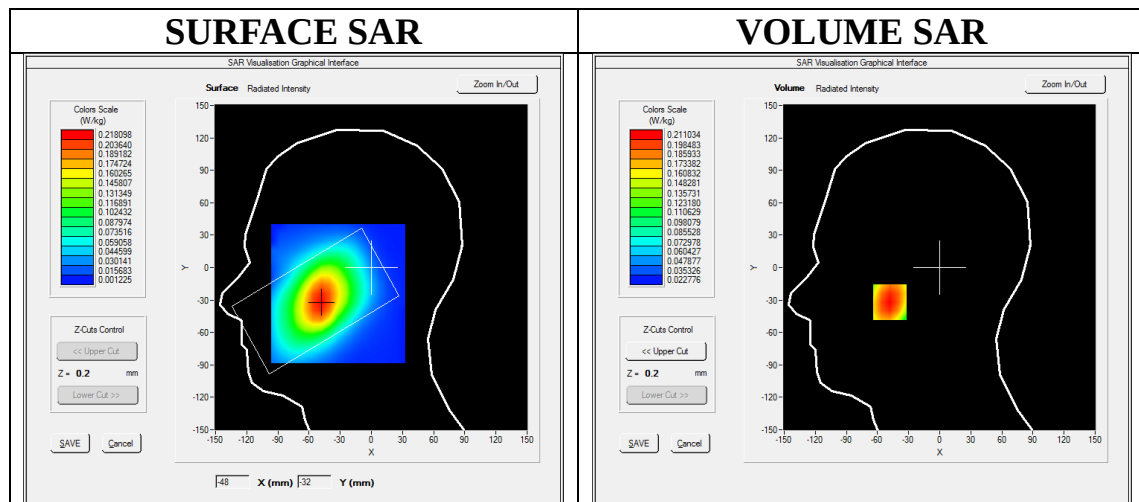
Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159

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

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;

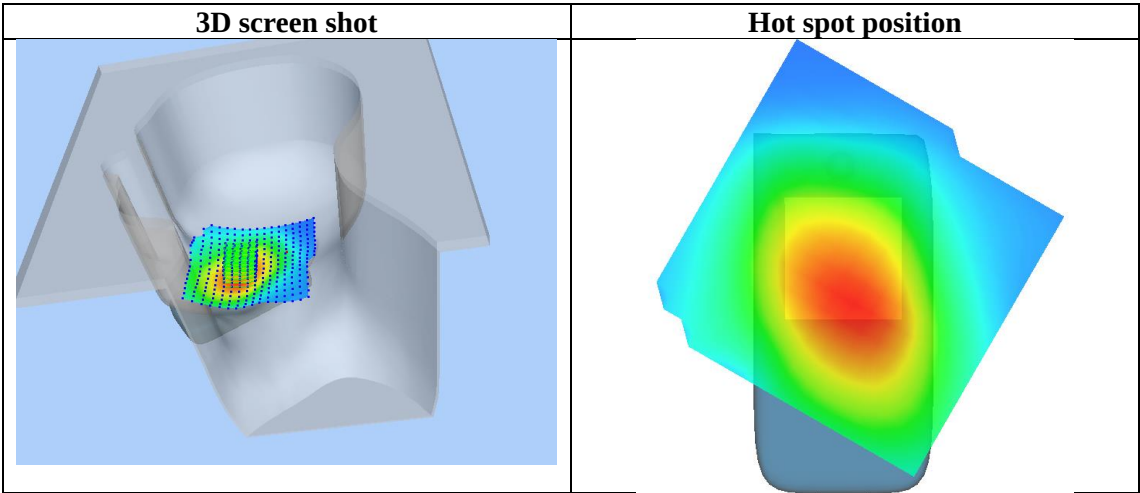
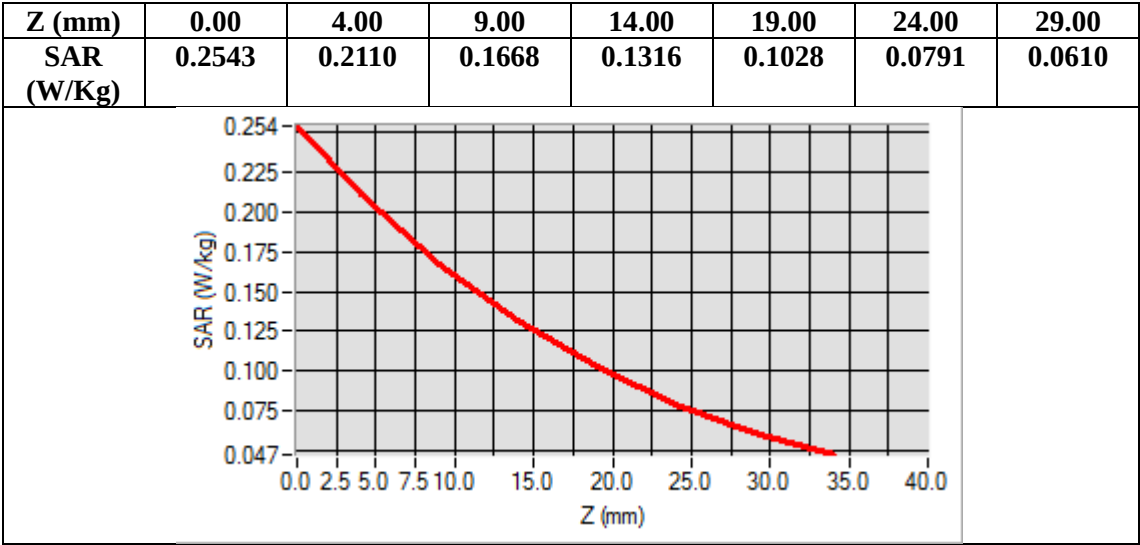
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band V
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-48.00, Y=-32.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.151804
SAR 1g (W/Kg)	0.204167



Test Laboratory: AGC Lab
LTE Band V Mid-Body-Back (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Mar. 02,2019

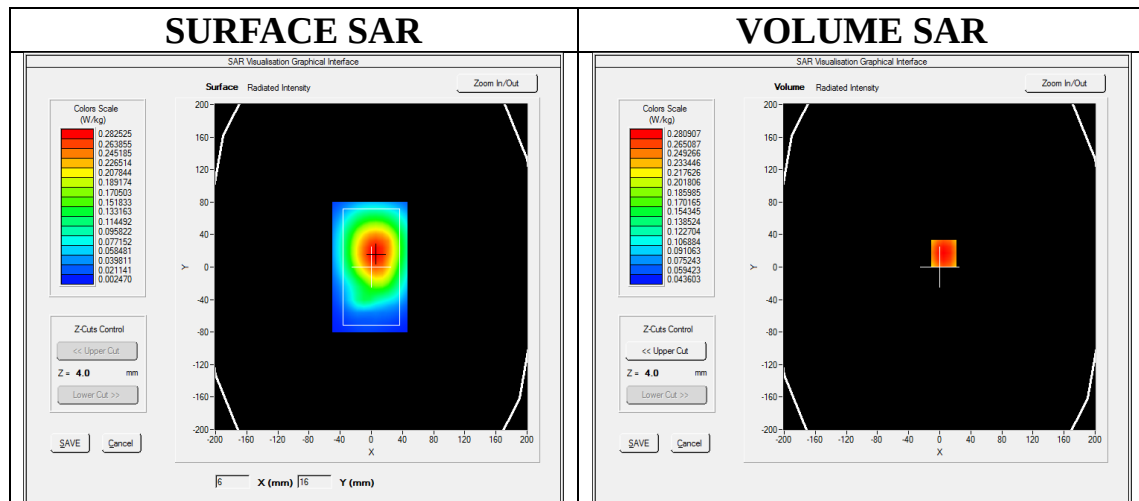
Communication System: LTE; Communication System Band: LTE Band V; Duty Cycle:1:1; Conv.F=5.49
Frequency:836.5 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.75$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 20.9

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

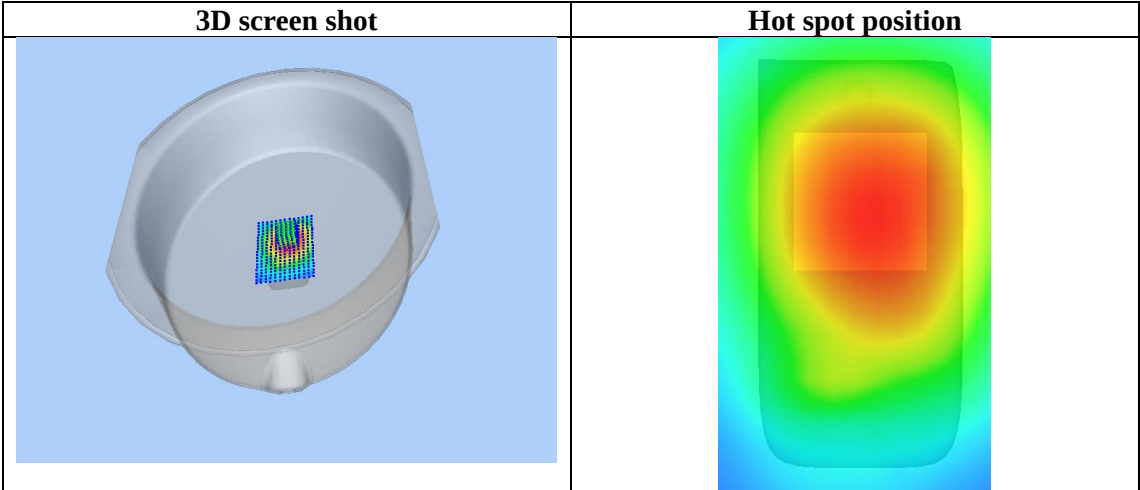
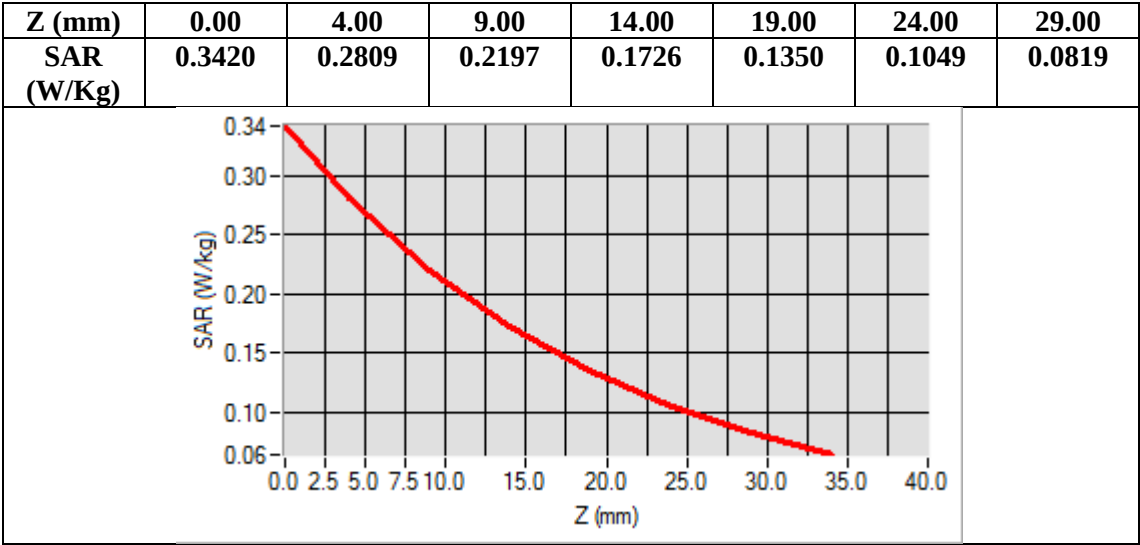
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Body Back
Band	LTE Band V
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=5.00, Y=17.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.202994
SAR 1g (W/Kg)	0.273885



Test Laboratory: AGC Lab
LTE Band XII Mid-Touch-Right (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Feb. 28,2019

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; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.08$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.0

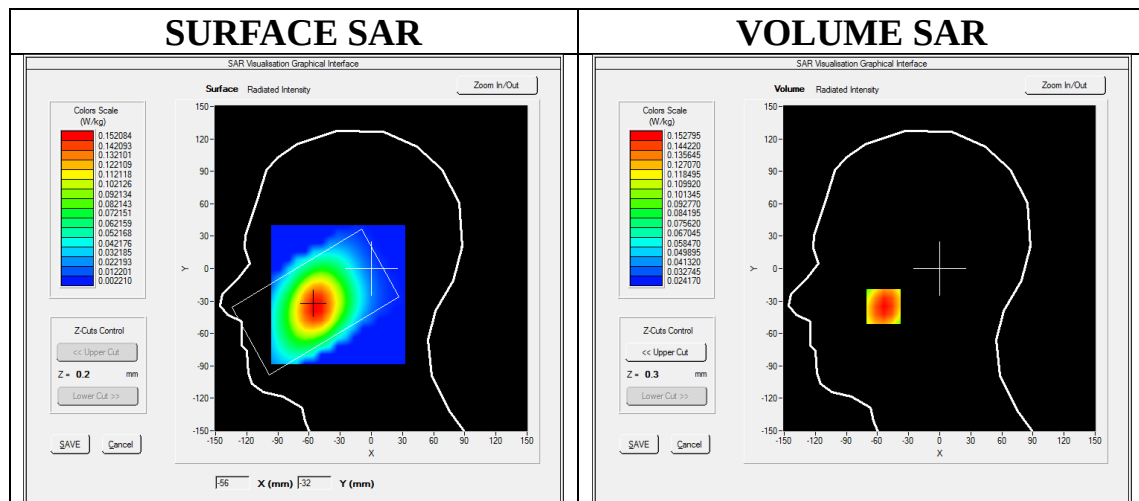
SATIMO Configuration:

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

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

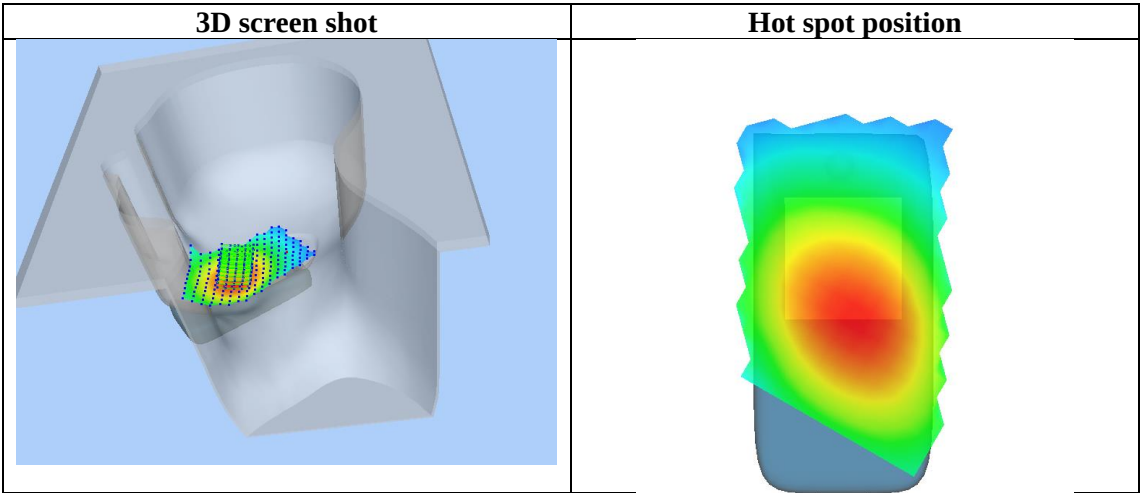
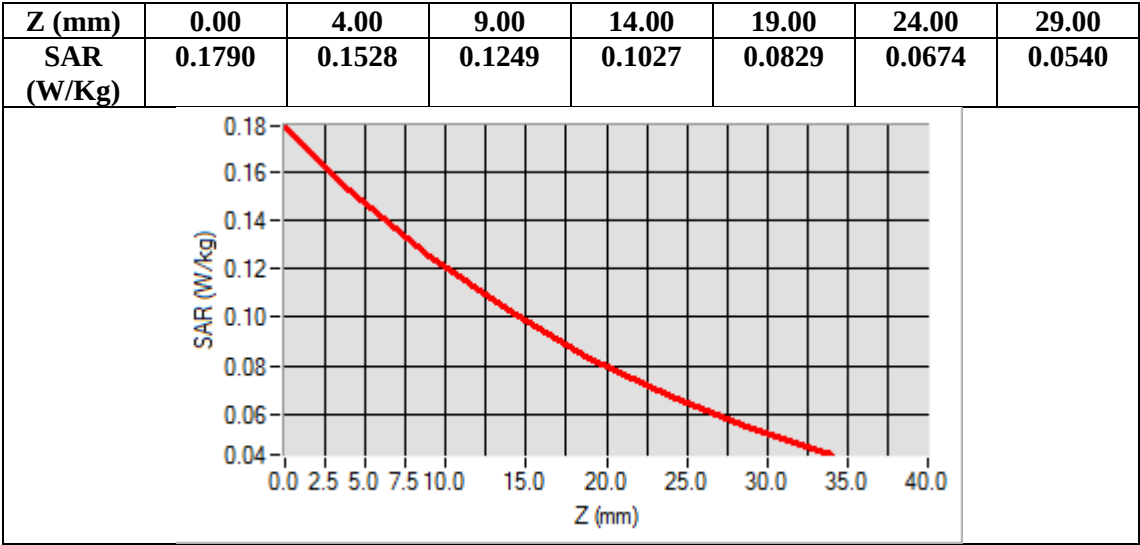
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band XII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-54.00, Y=-35.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.115257
SAR 1g (W/Kg)	0.151254



Test Laboratory: AGC Lab
LTE Band XII Mid-Edge 2(1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Feb. 28,2019

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; $\sigma = 0.94$ mho/m; $\epsilon_r = 55.38$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.2

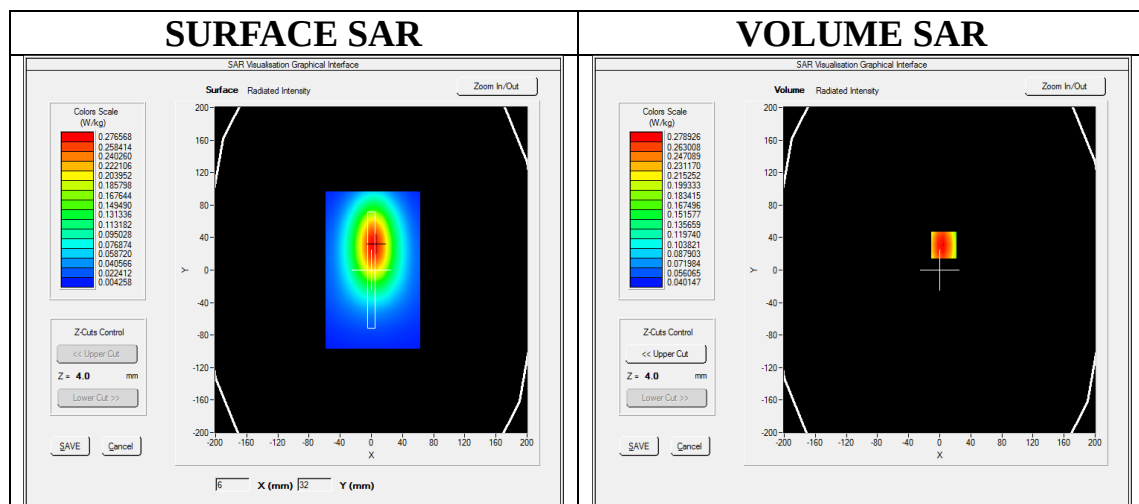
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band XII Mid-Edge 2/Area Scan: Measurement grid: dx=8mm, dy=8mm

Configuration/ LTE Band XII Mid-Edge 2/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

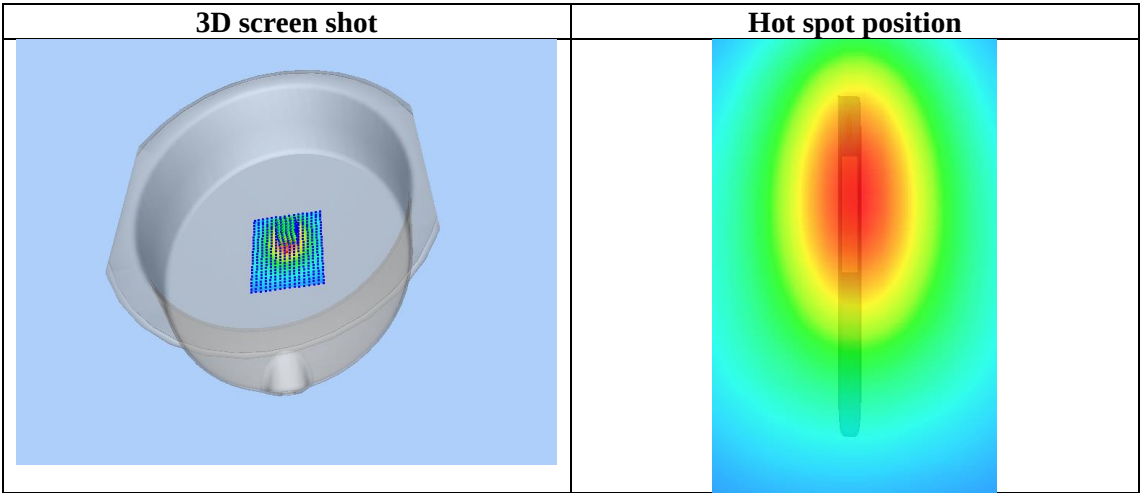
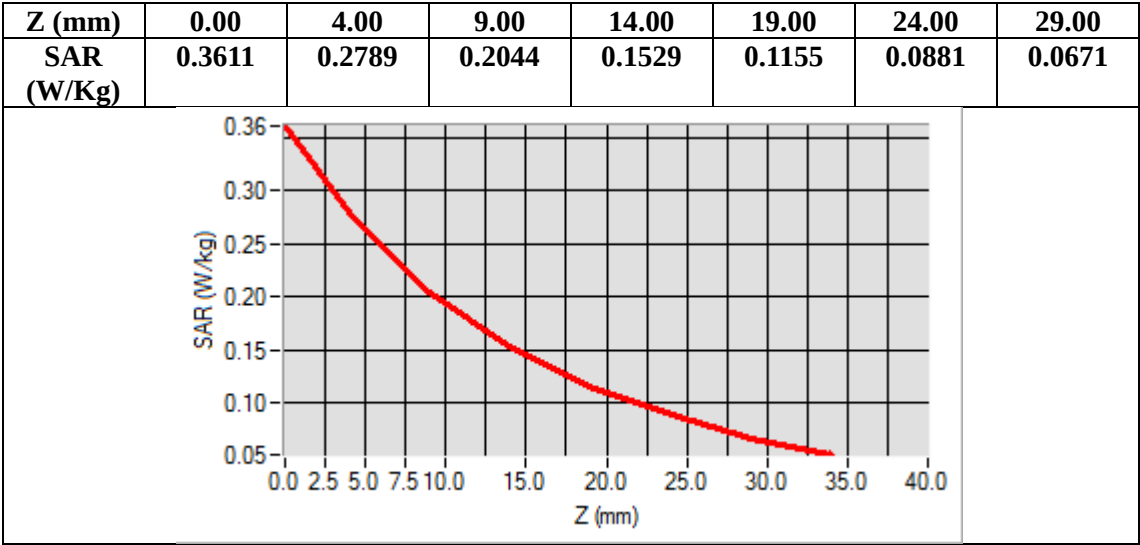
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Edge 2
Band	LTE Band XII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=5.00, Y=31.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.200235
SAR 1g (W/Kg)	0.286842



Test Laboratory: AGC Lab
LTE Band XIII Mid-Touch-Right (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Feb. 28,2019

Communication System: LTE; Communication System Band: LTE Band XIII; Duty Cycle:1:1; Conv.F=5.20
Frequency: 782 MHz; Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 40.32$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Right Section
Ambient temperature ($^{\circ}\text{C}$): 21.7, Liquid temperature ($^{\circ}\text{C}$): 21.0

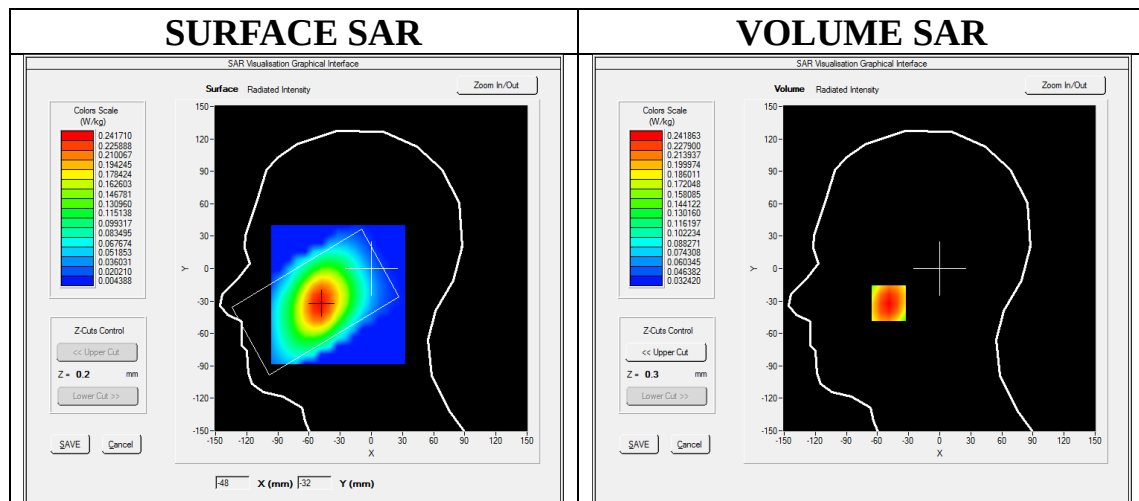
SATIMO Configuration:

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

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

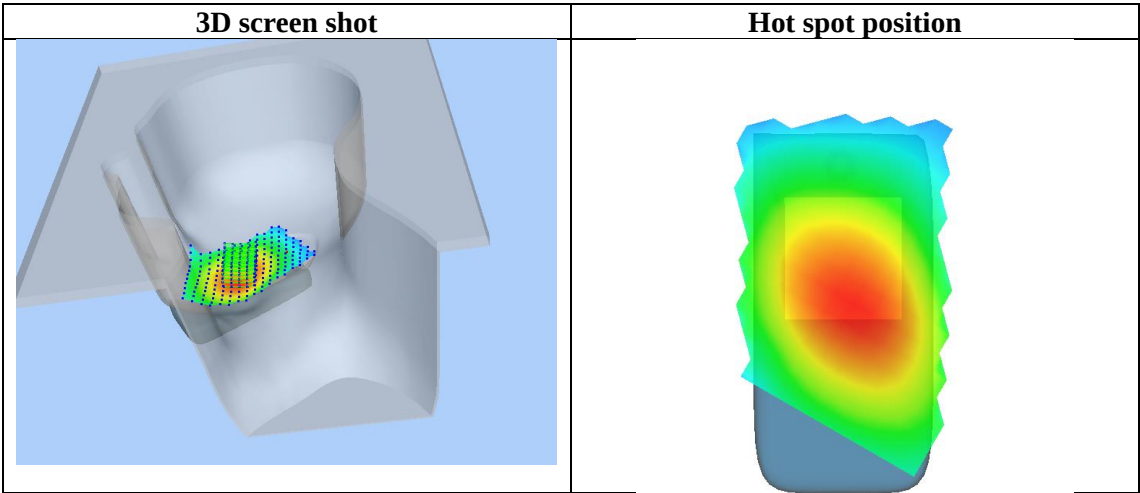
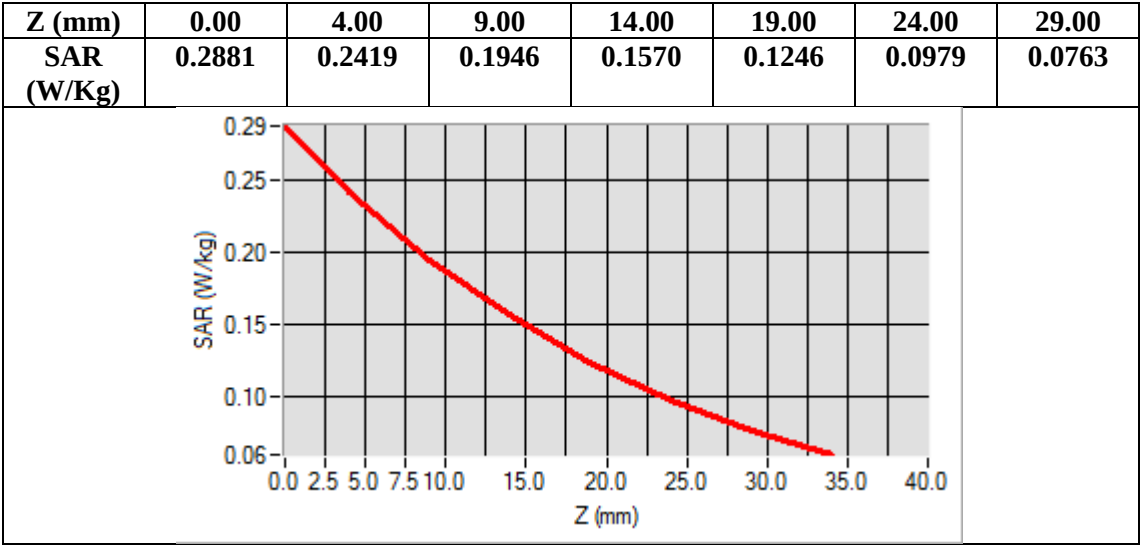
Area Scan	$dx=8\text{mm}$ $dy=8\text{mm}$, $h= 5.00 \text{ mm}$
Zoom Scan	$5\times 5\times 7$, $dx=8\text{mm}$ $dy=8\text{mm}$ $dz=5\text{mm}$
Phantom	Right head
Device Position	Cheek
Band	LTE Band XIII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-49.00, Y=-32.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.176388
SAR 1g (W/Kg)	0.234645



Test Laboratory: AGC Lab
LTE Band XIII Mid-Body-Back (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Feb. 28,2019

Communication System: LTE; Communication System Band: LTE Band XIII; Duty Cycle:1:1; Conv.F=5.40;
Frequency: 782 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.08$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.2

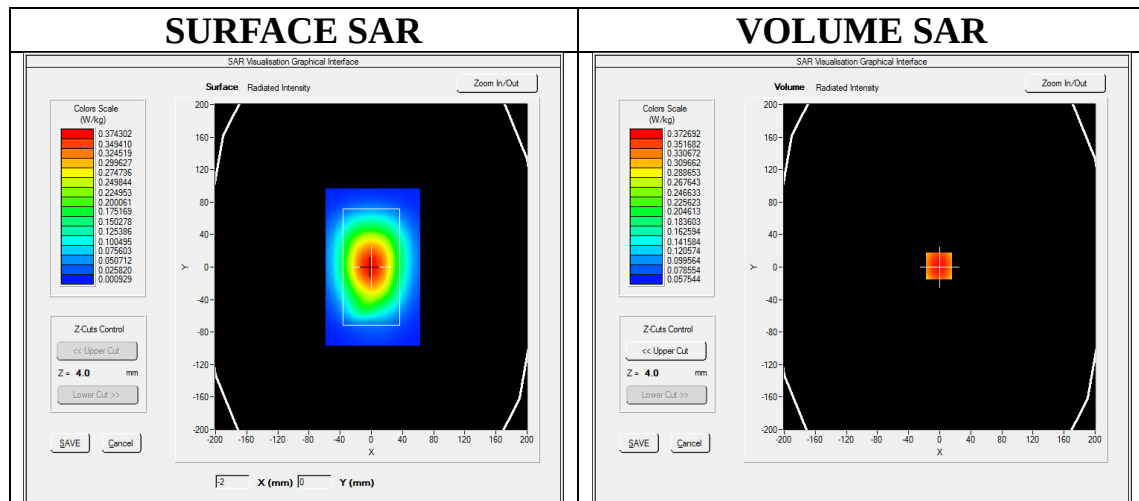
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

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

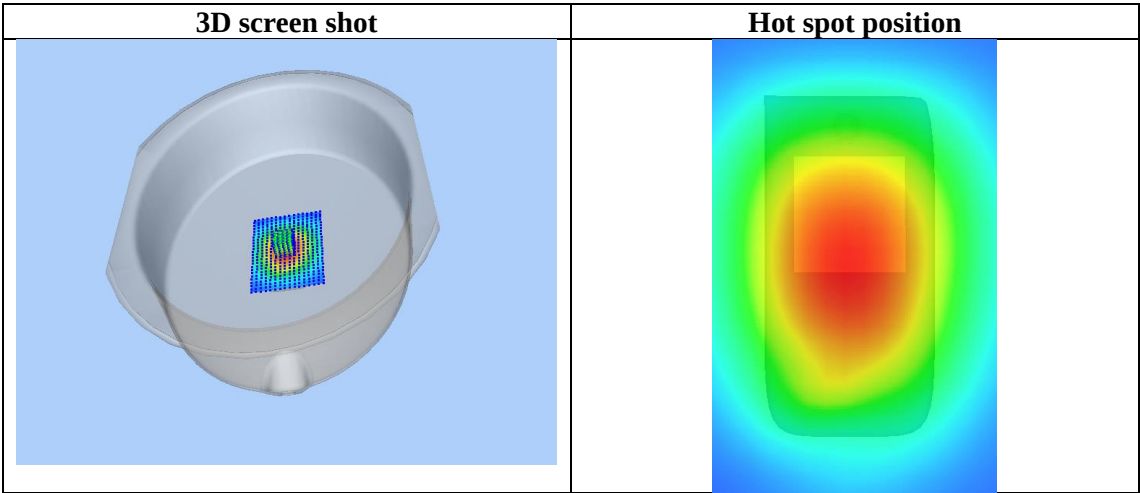
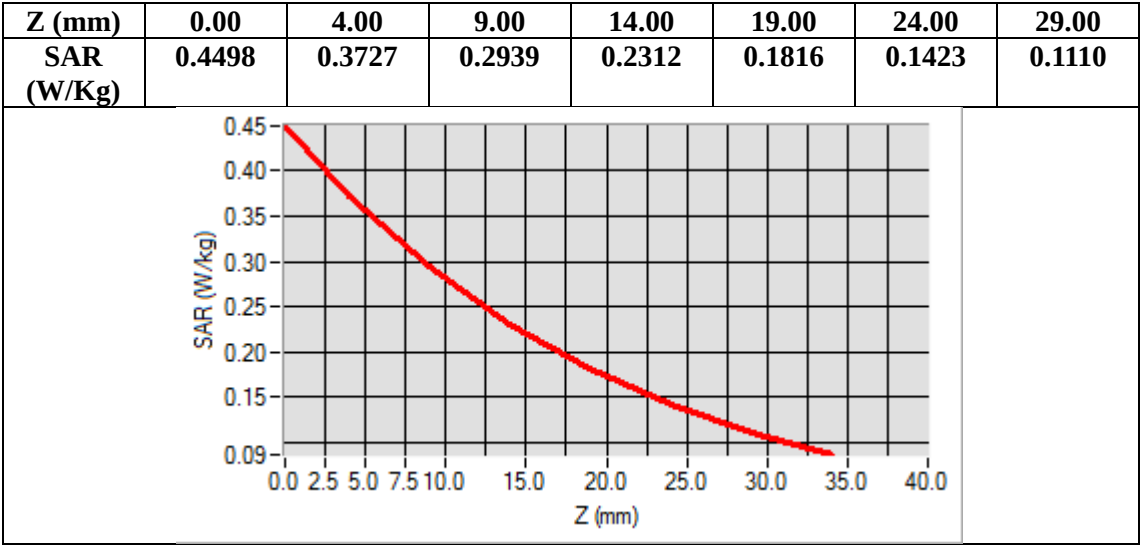
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Body Back
Band	LTE Band XIII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-1.00, Y=1.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.273162
SAR 1g (W/Kg)	0.361632



Test Laboratory: AGC Lab
LTE Band XVII Mid-Touch-Right (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Feb. 28,2019

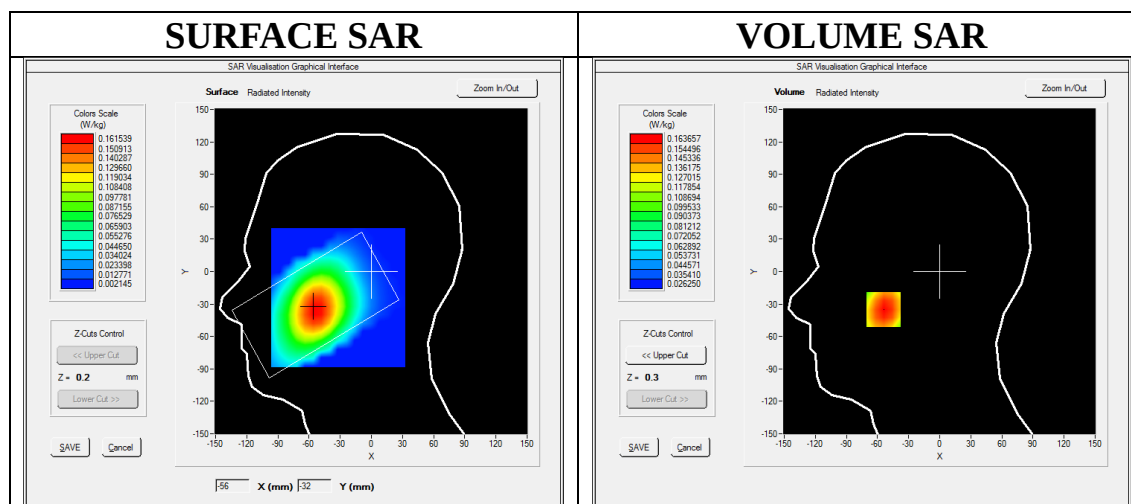
Communication System: LTE; Communication System Band: LTE Band XVII; Duty Cycle:1:1; Conv.F=5.20
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.01$; $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.0

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

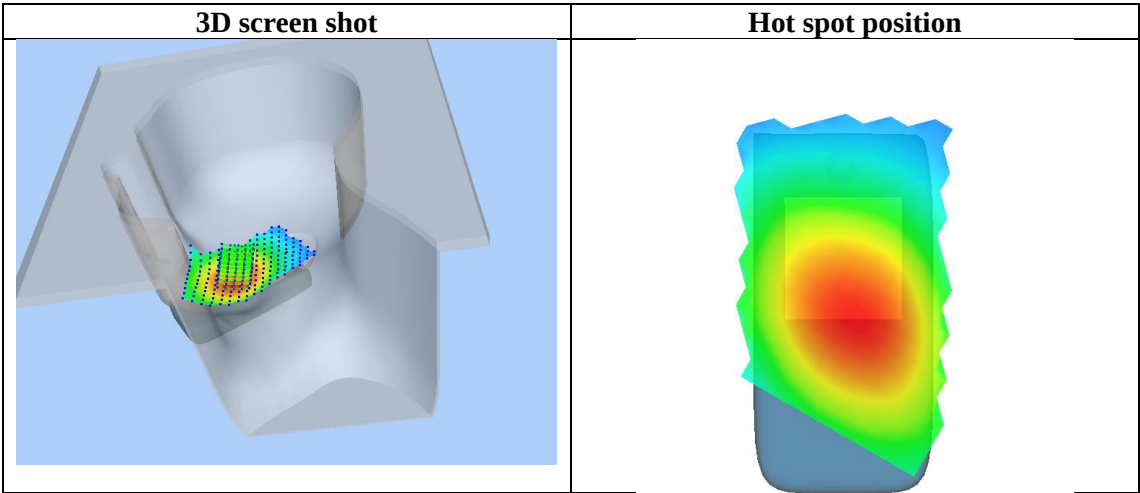
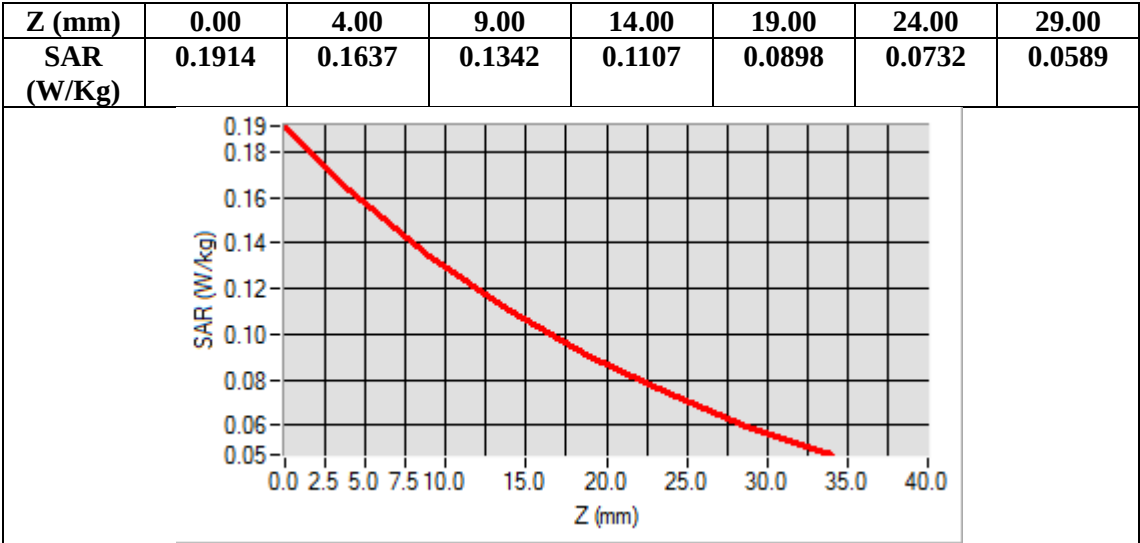
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band XVII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-54.00, Y=-35.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.124008
SAR 1g (W/Kg)	0.161839



Test Laboratory: AGC Lab
LTE Band XVII Mid-Body-Back (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Feb. 28,2019

Communication System: LTE; Communication System Band: LTE Band XVII; Duty Cycle:1:1; Conv.F=5.40;
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.96$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.2

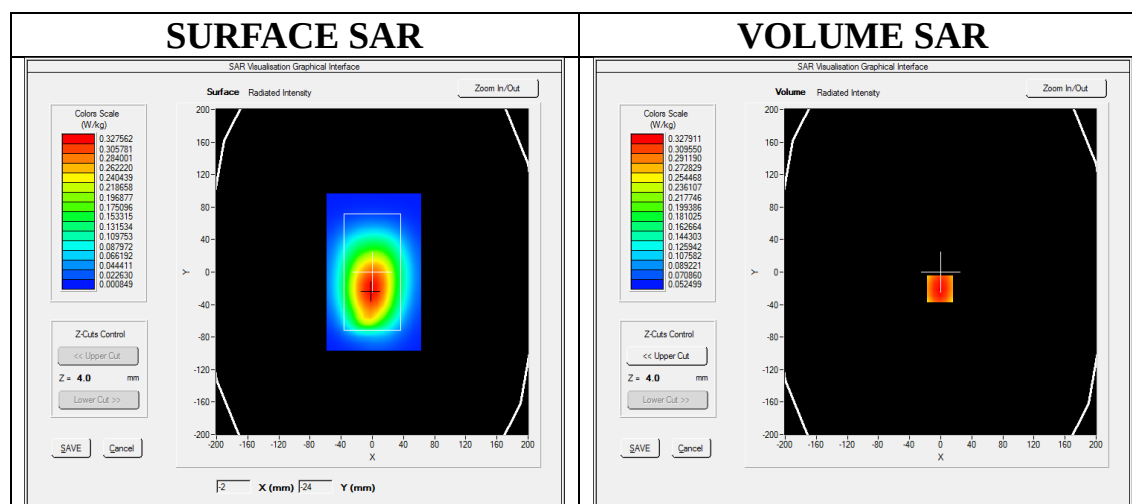
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

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

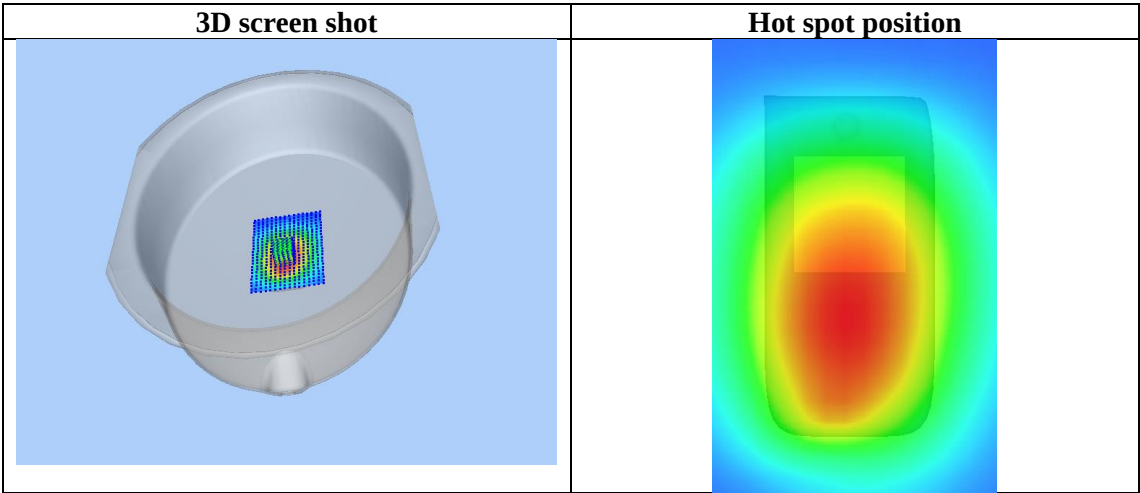
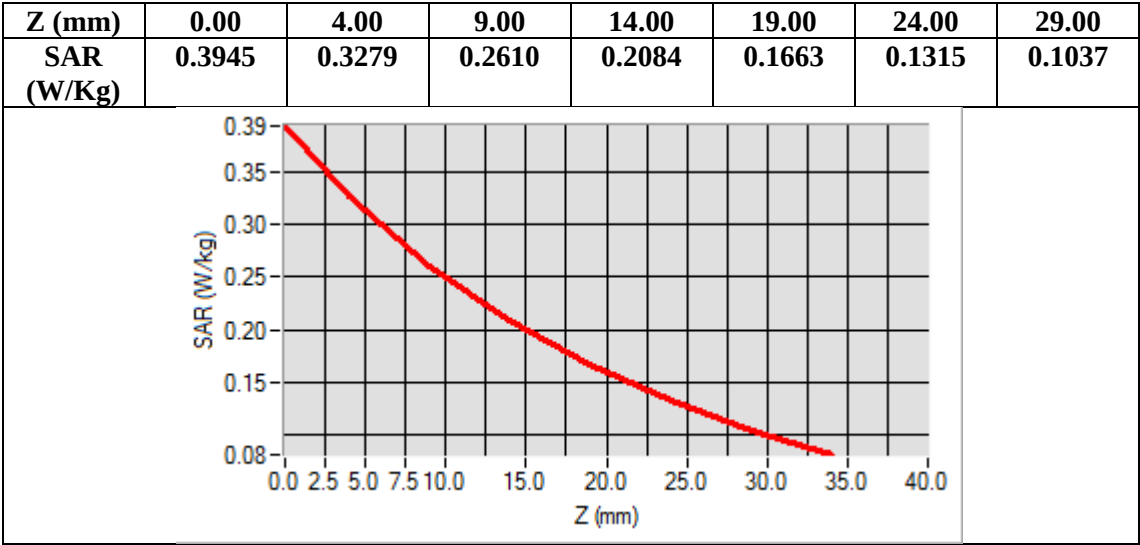
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Body Back
Band	LTE Band XVII
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-1.00, Y=-21.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.254583
SAR 1g (W/Kg)	0.337201



WIFI MODE

Test Laboratory: AGC Lab
802.11b Mid-Touch-Right
DUT: Smart phone; Type: JAX M

Date: Mar. 01,2019

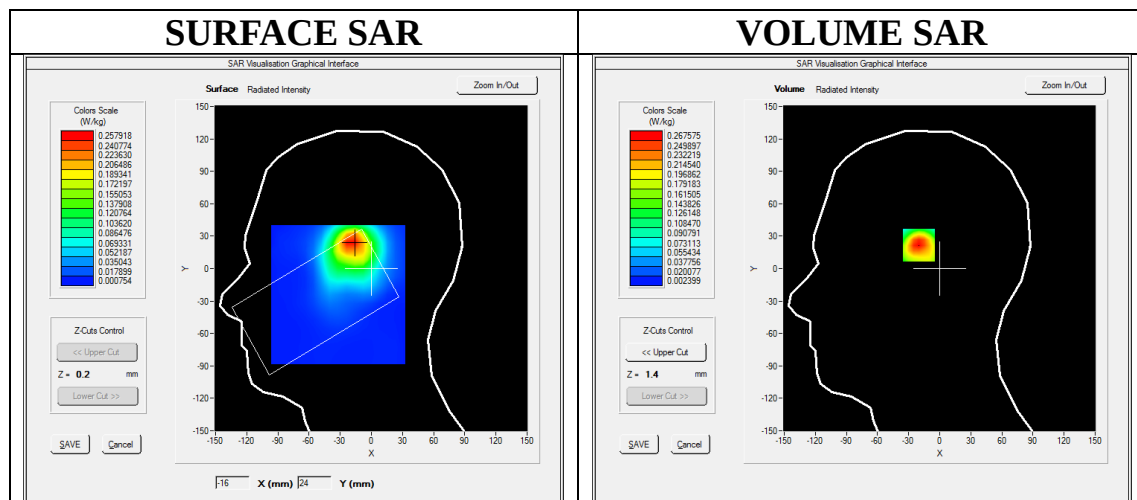
Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=4.90;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40.34$, $\rho = 1000$ kg/m³ ;
Phantom section: Right Section
Ambient temperature (°C):21.2, Liquid temperature (°C): 20.3

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

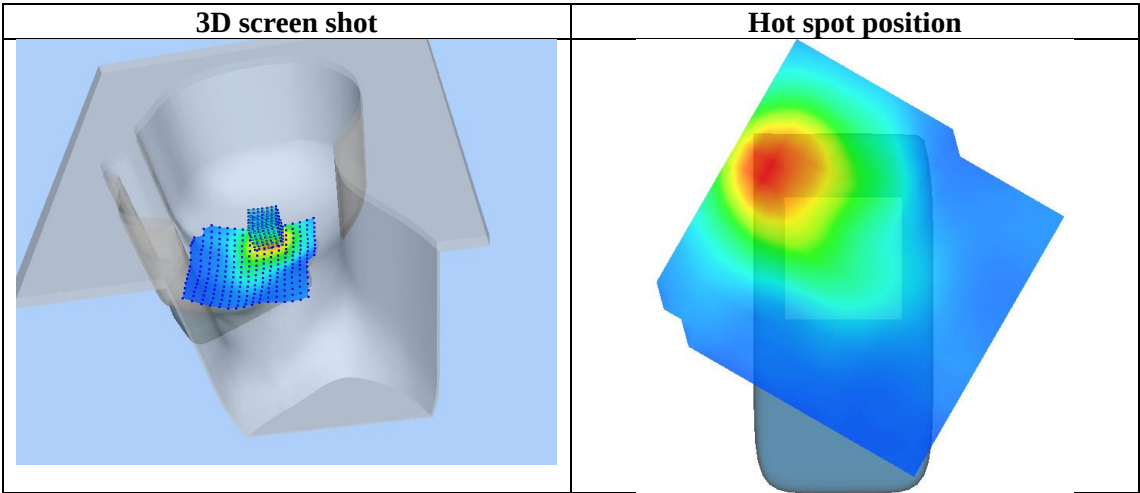
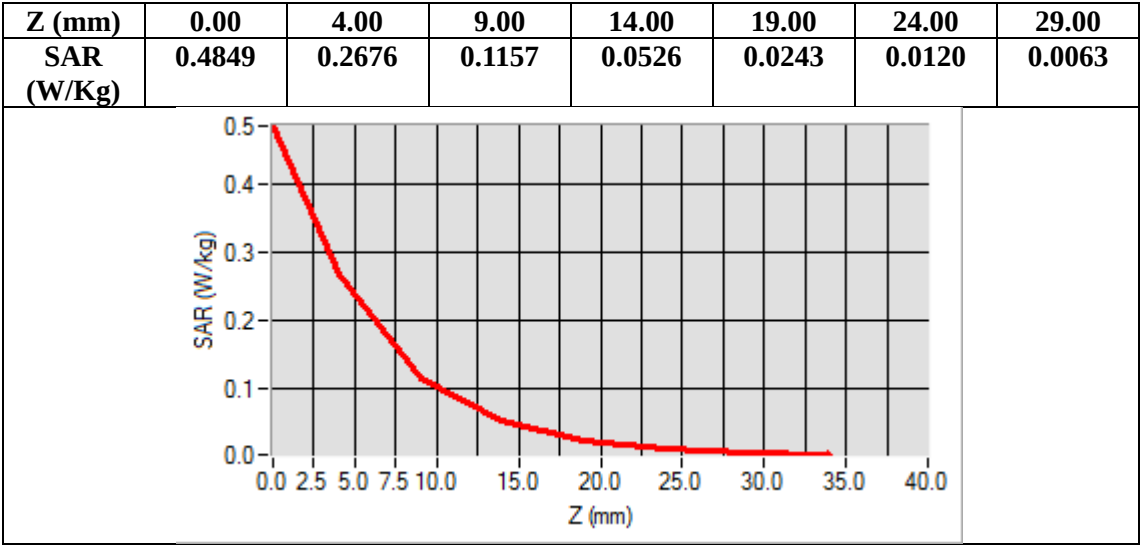
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



Maximum location: X=-19.00, Y=24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.120545
SAR 1g (W/Kg)	0.254295



Test Laboratory: AGC Lab
802.11b Mid-Body-Worn- Back
DUT: Smart phone; Type: JAX M

Date: Mar. 01,2019

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; $\sigma = 1.96$ mho/m; $\epsilon_r = 53.26$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):21.2, Liquid temperature (°C): 20.5

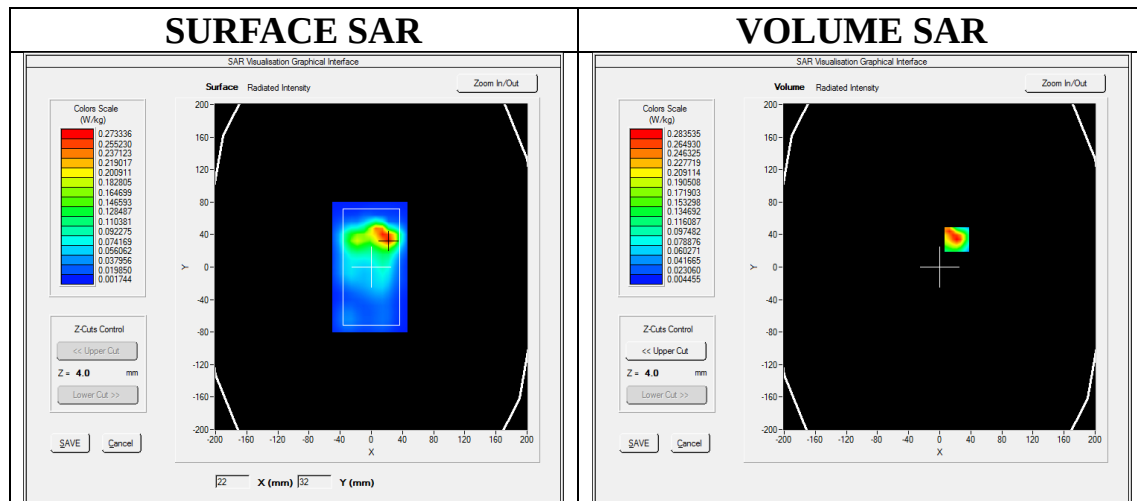
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

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

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

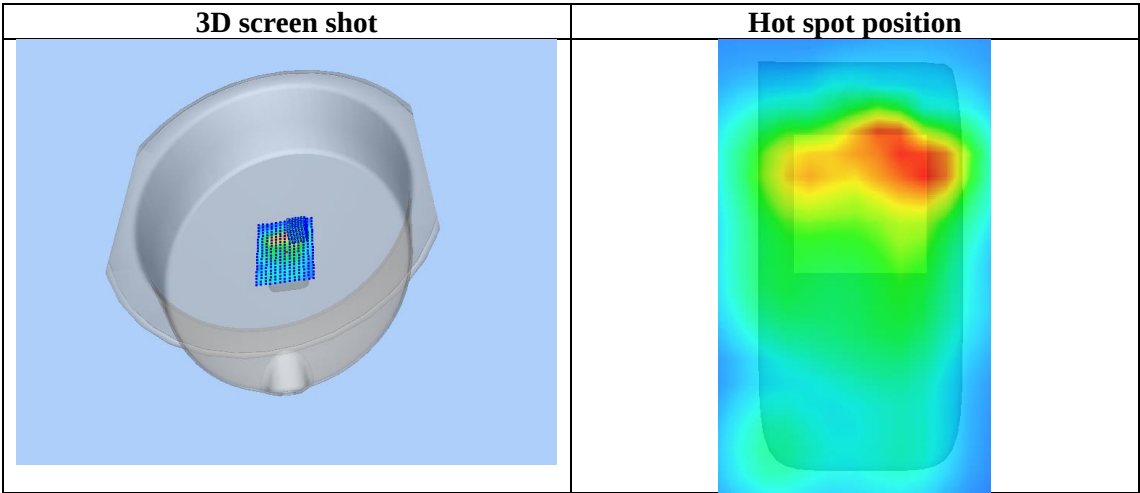
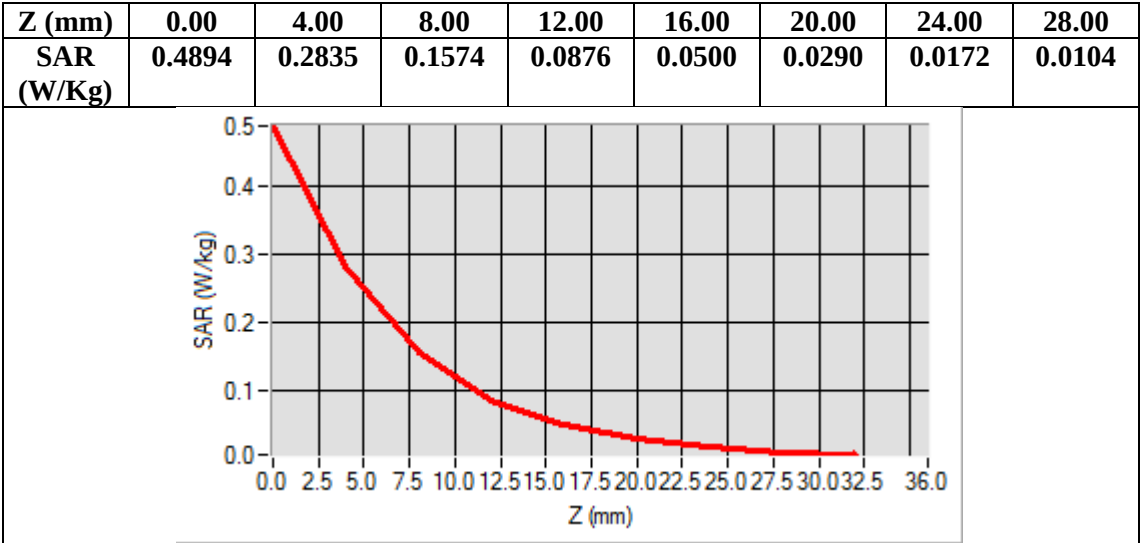
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	ELLI
Device Position	Body Back
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



Maximum location: X=22.00, Y=34.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.125962
SAR 1g (W/Kg)	0.262111



Repeated SAR

Test Laboratory: AGC Lab
GPRS 1900 High-Edge 3(3up)
DUT: Smart phone; Type: JAX M

Date: Mar. 04,2019

Communication System: GPRS-3Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7; Conv.F=5.39;
Frequency: 1909.8 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.08$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.5, Liquid temperature (°C): 20.4

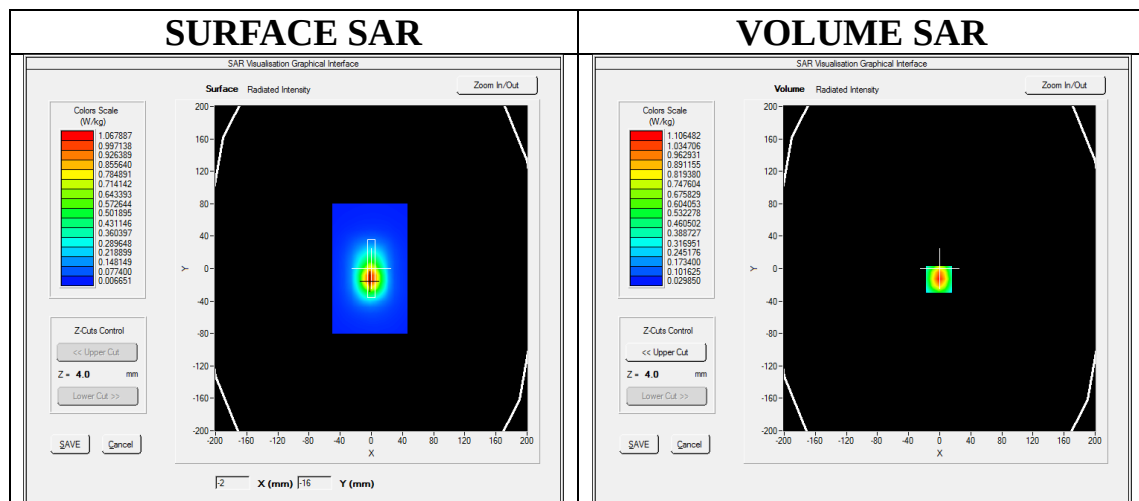
SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/GPRS1900 High-Edge 3/Area Scan: Measurement grid: dx=8mm, dy=8mm

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

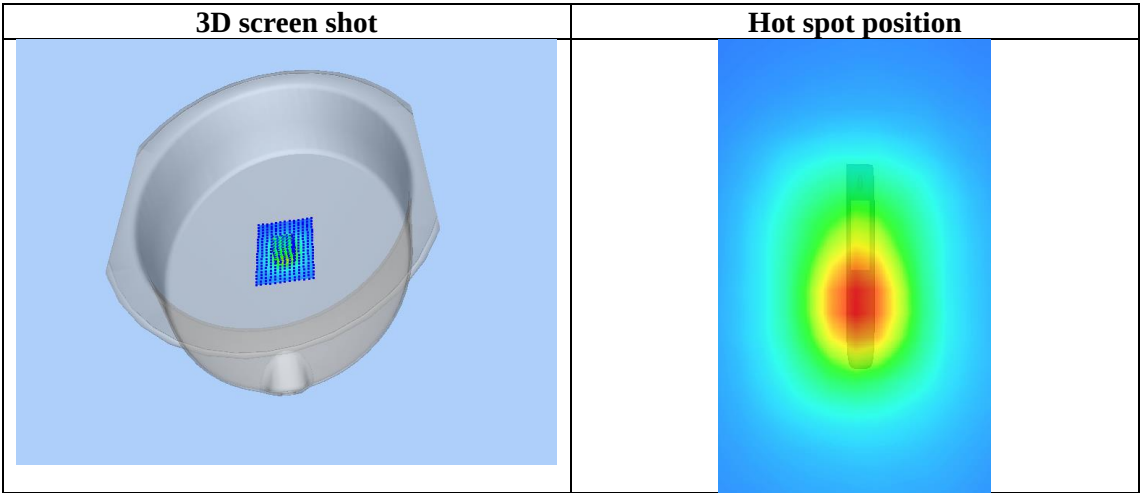
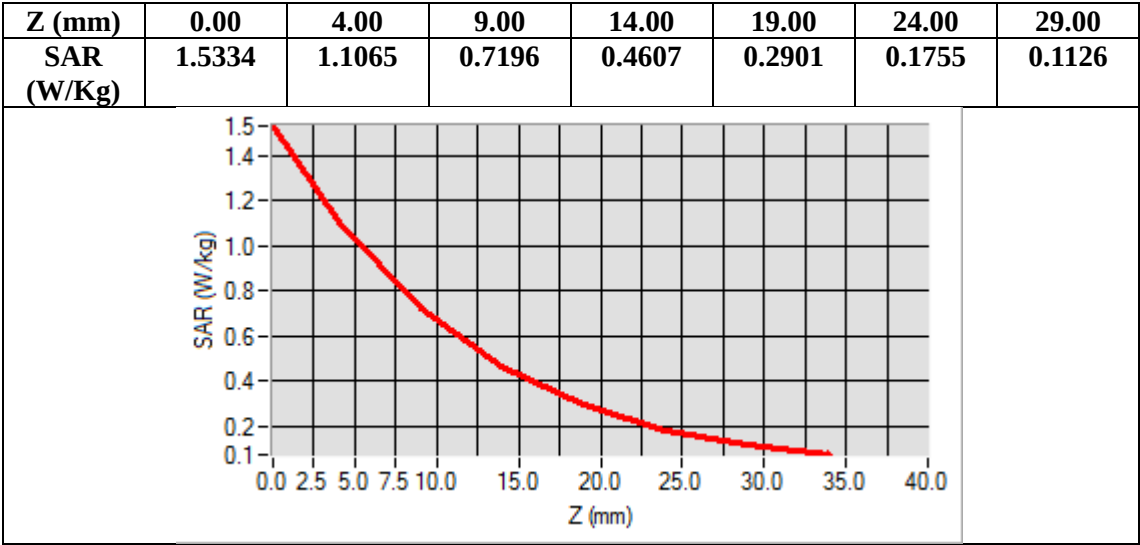
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Edge 3
Band	PCS 1900
Channels	High
Signal	TDMA (Crest factor: 2.7)



Maximum location: X=-1.00, Y=-13.00

SAR Peak: 1.54 W/kg

SAR 10g (W/Kg)	0.580415
SAR 1g (W/Kg)	1.024017



Test Laboratory: AGC Lab
WCDMA Band II Mid-Edge 3(RMC)
DUT: Smart phone; Type: JAX M

Date: Mar. 04,2019

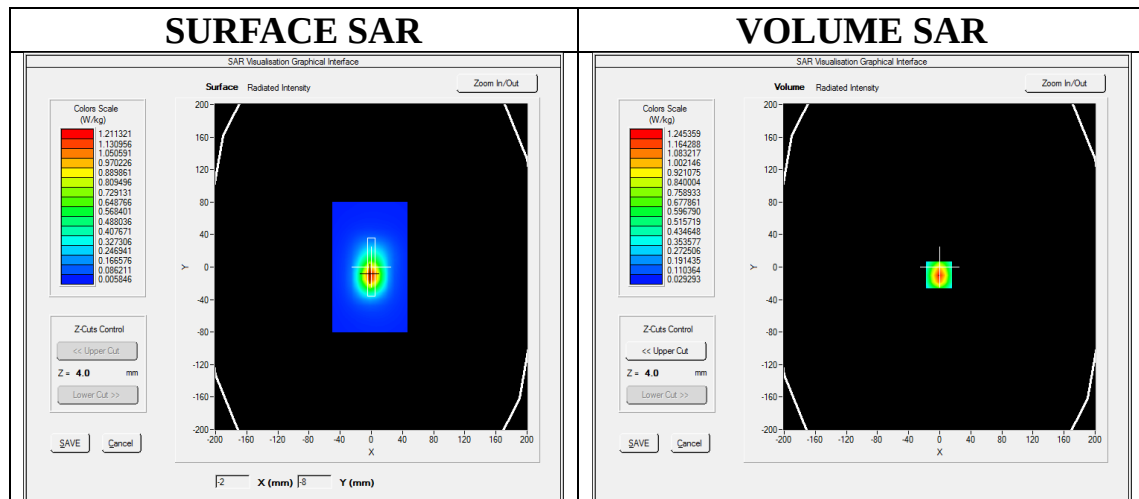
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=5.39
Frequency: 1880 MHz; Medium parameters used: $f = 1850$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.62$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.5, Liquid temperature (°C): 20.4

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 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;

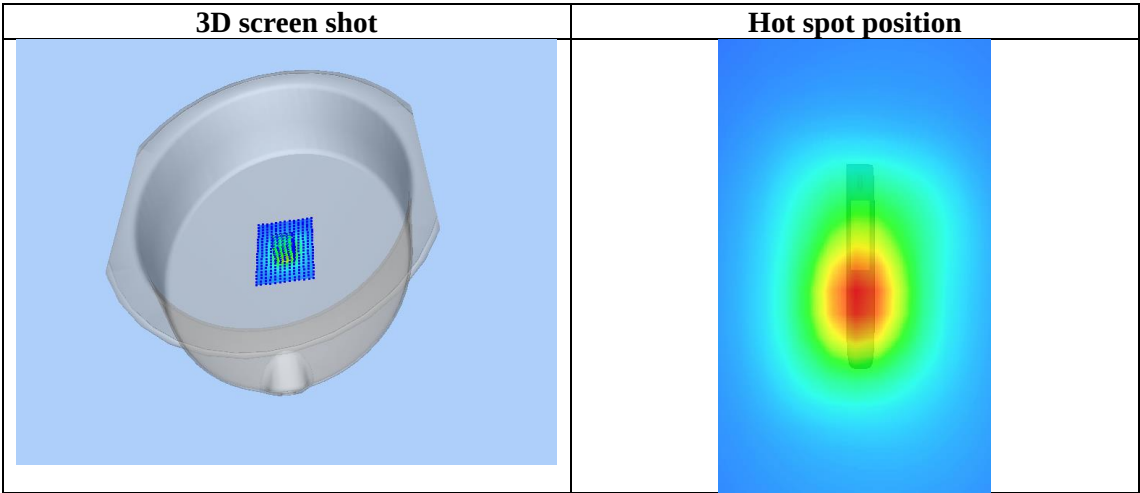
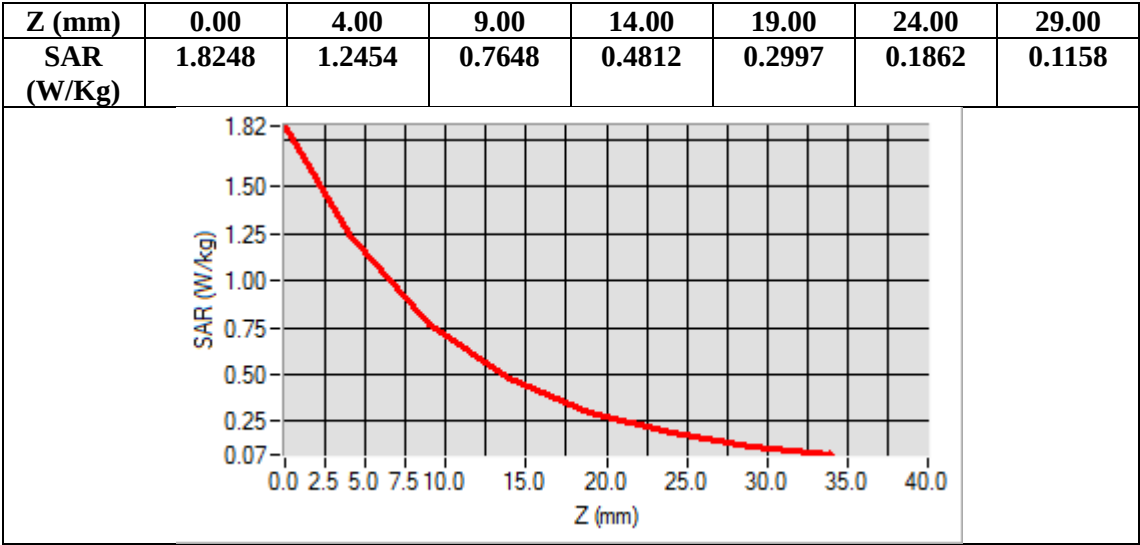
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	ELLI
Device Position	Edge 3
Band	WCDMA band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)



Maximum location: X=-1.00, Y=-10.00

SAR Peak: 1.83 W/kg

SAR 10g (W/Kg)	0.630409
SAR 1g (W/Kg)	1.157893



Test Laboratory: AGC Lab
LTE Band II Mid- Edge 3 (1 RB#0)
DUT: Smart phone; **Type:** JAX M

Date: Mar. 04,2019

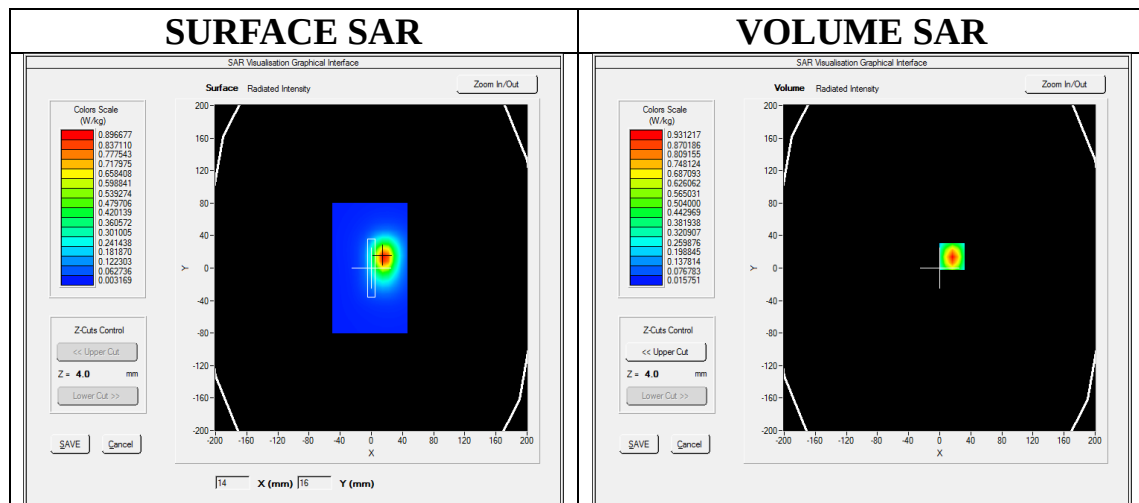
Communication System: LTE; Communication System Band: LTE Band II; Duty Cycle:1:1; Conv.F=5.39;
Frequency:1880MHz; Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.62$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 21.5, Liquid temperature ($^{\circ}\text{C}$): 20.4

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 08,2018; Serial No.: SN 22/12 EP159
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band II Mid- Edge 3/Area Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$
Configuration/ LTE Band II Mid- Edge 3/Zoom Scan: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$;

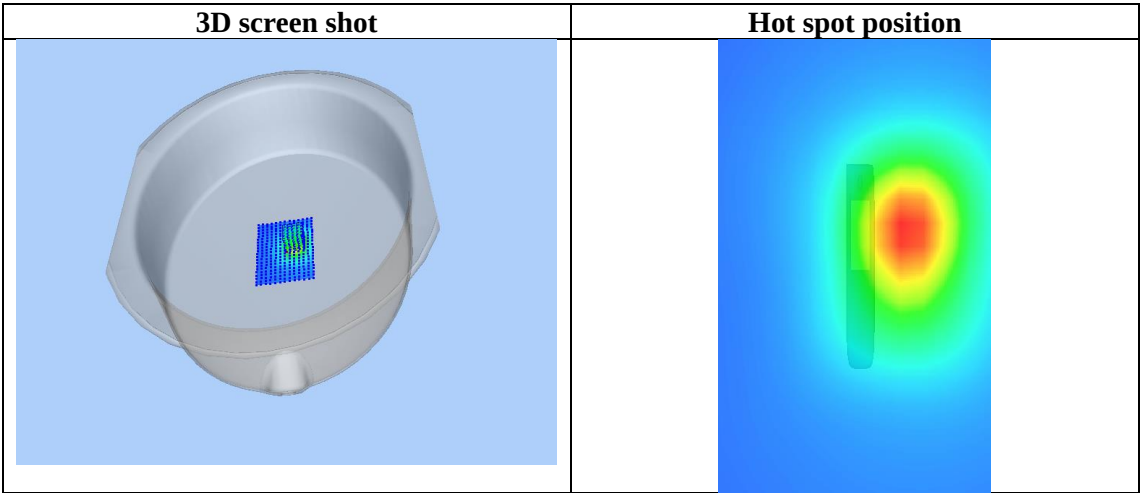
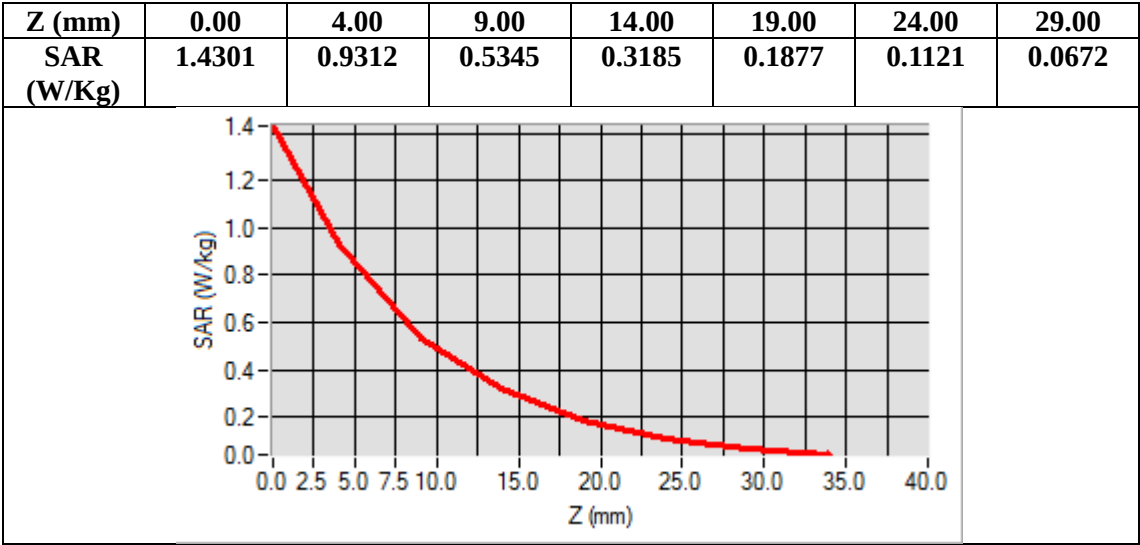
Area Scan	$dx=8\text{mm}$ $dy=8\text{mm}$, $h= 5.00 \text{ mm}$
Zoom Scan	$5 \times 5 \times 7$, $dx=8\text{mm}$ $dy=8\text{mm}$ $dz=5\text{mm}$
Phantom	ELLI
Device Position	Edge 3
Band	LTE Band II
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=16.00, Y=14.00

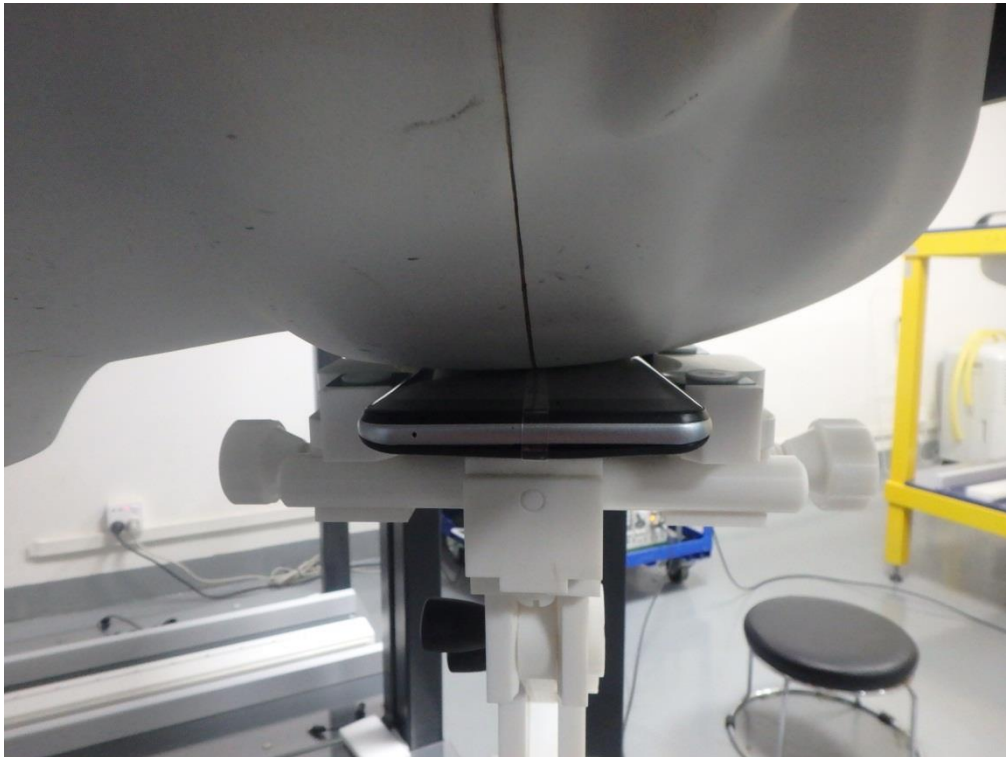
SAR Peak: 1.42 W/kg

SAR 10g (W/Kg)	0.455038
SAR 1g (W/Kg)	0.867307

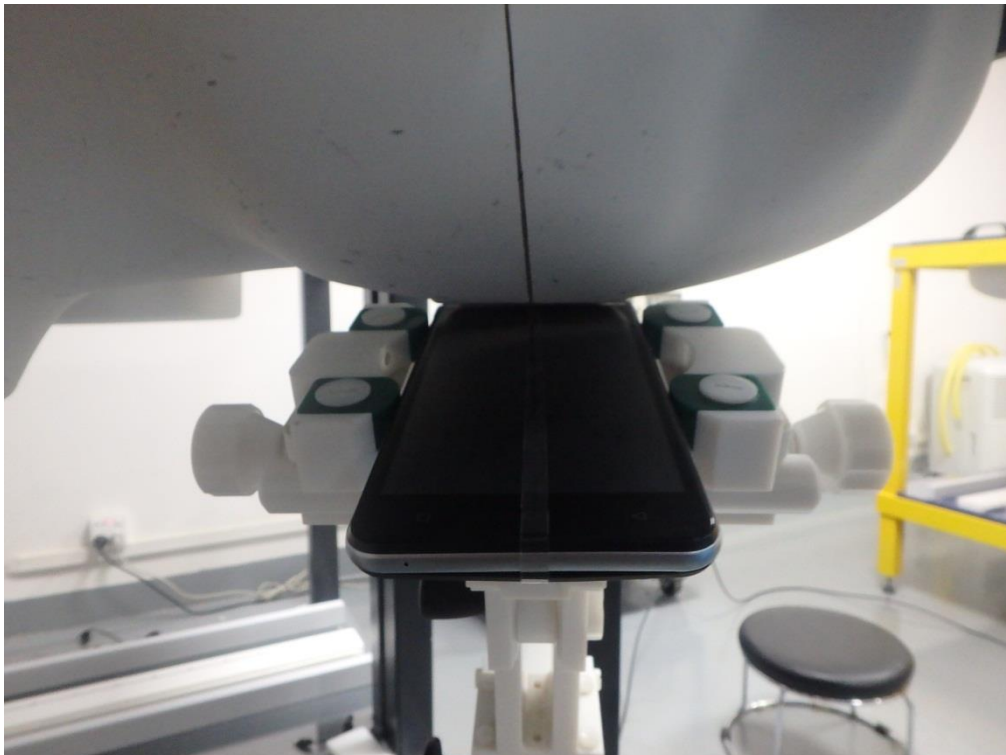


APPENDIX C. TEST SETUP PHOTOGRAPHS

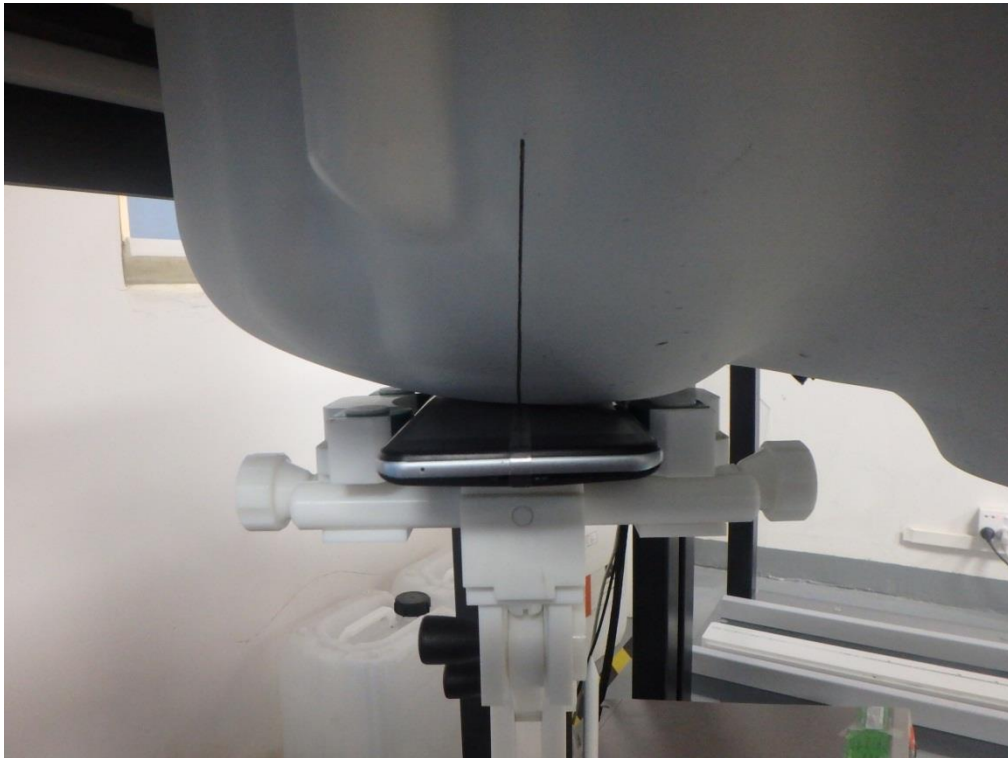
LEFT-CHEEK TOUCH



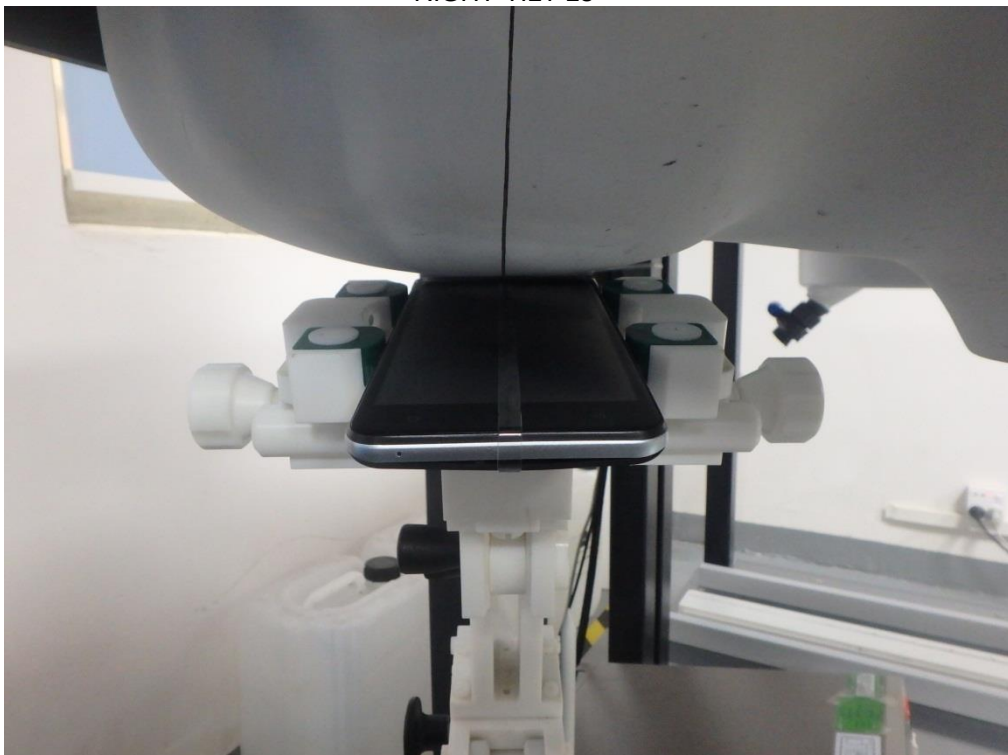
LEFT-TILT 15°



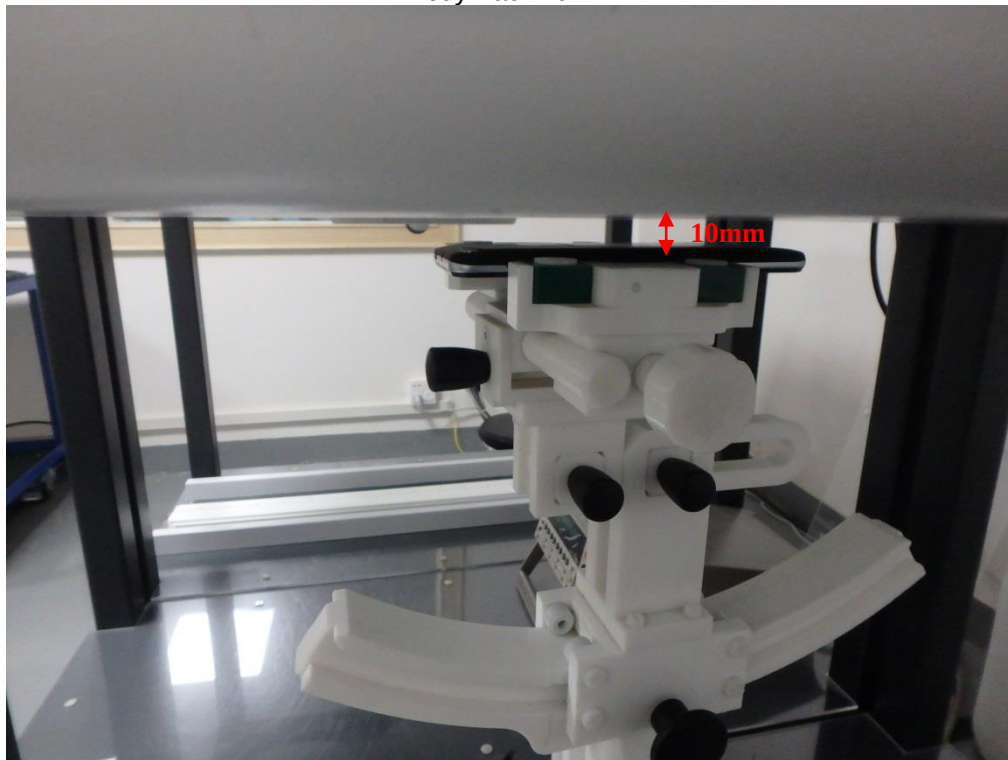
RIGHT- CHEEK TOUCH



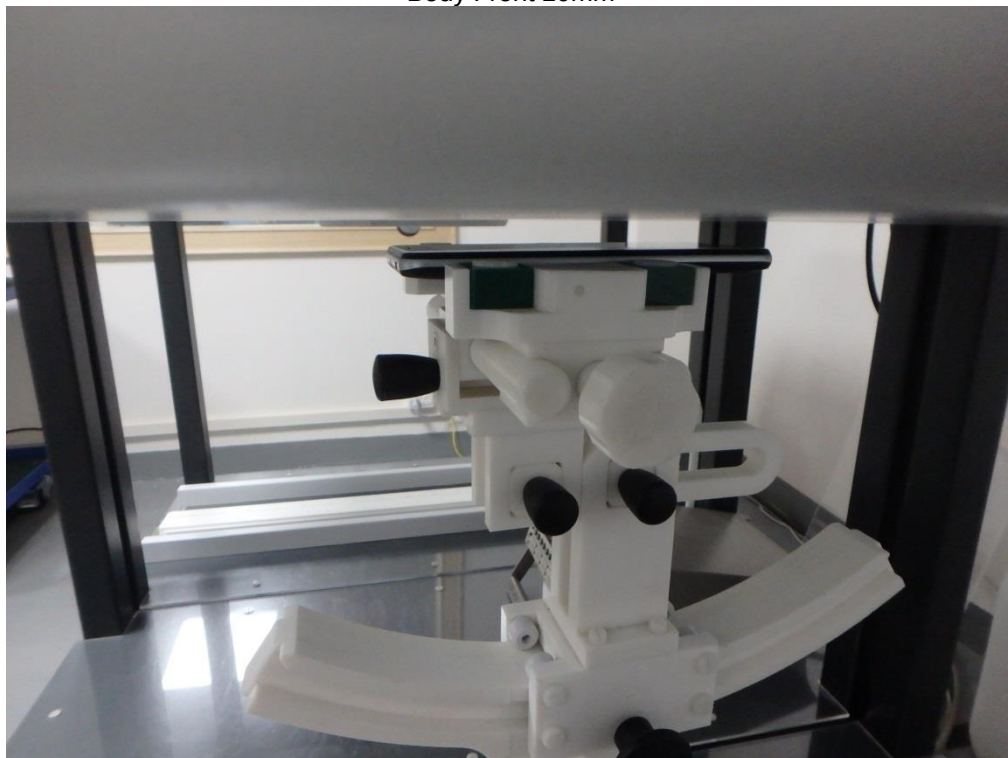
RIGHT-TILT 15°



Body Back 10mm



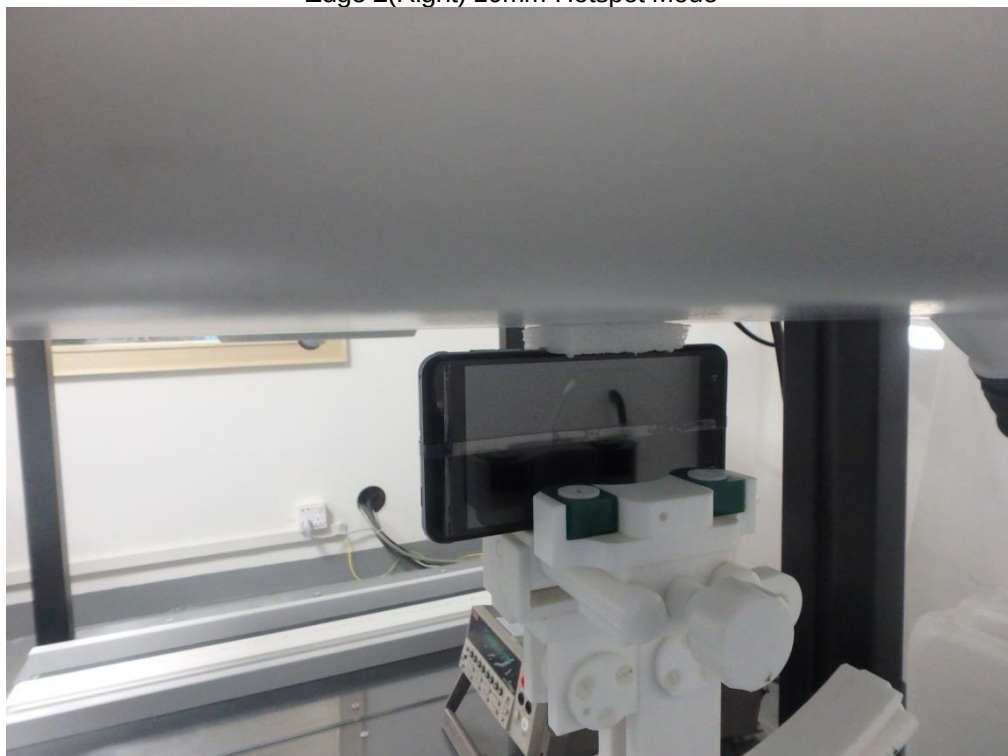
Body Front 10mm



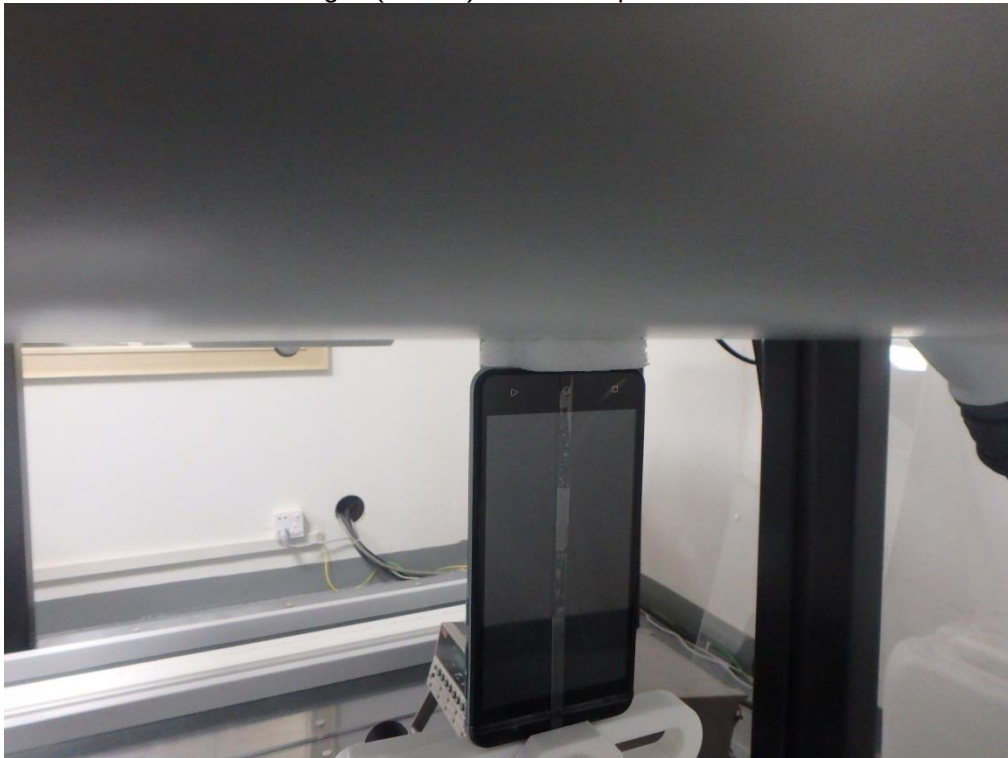
Edge 1(Top) 10mm-Hotspot Mode



Edge 2(Right) 10mm-Hotspot Mode



Edge 3(Bottom) 10mm-Hotspot Mode



Edge 4(Left) 10mm-Hotspot Mode



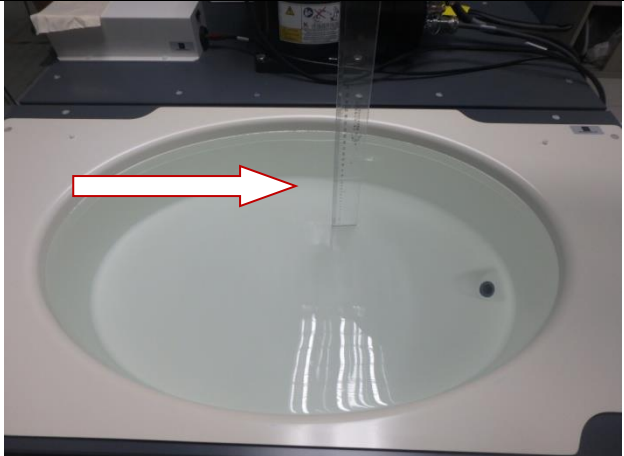
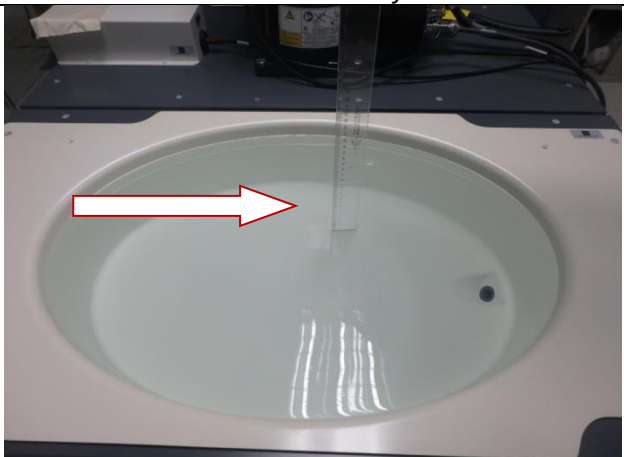
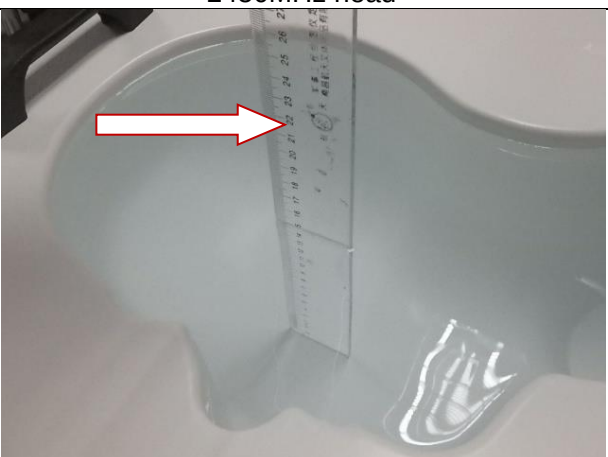
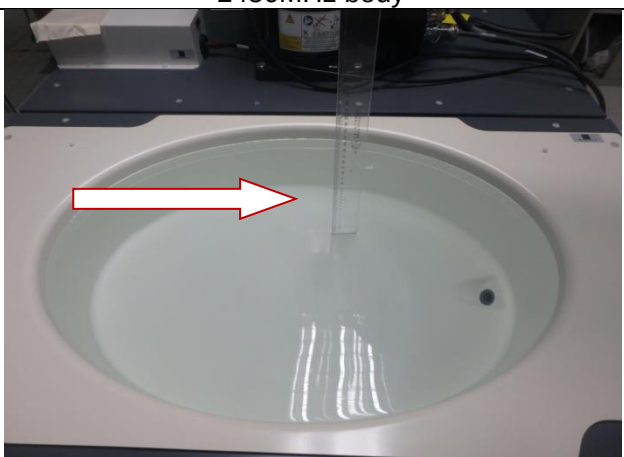
Sample label

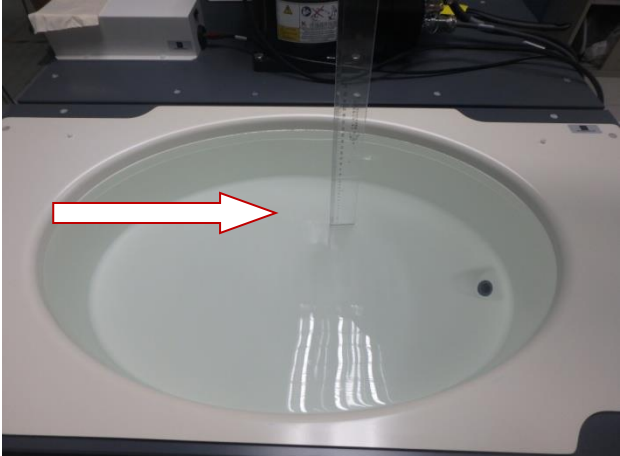
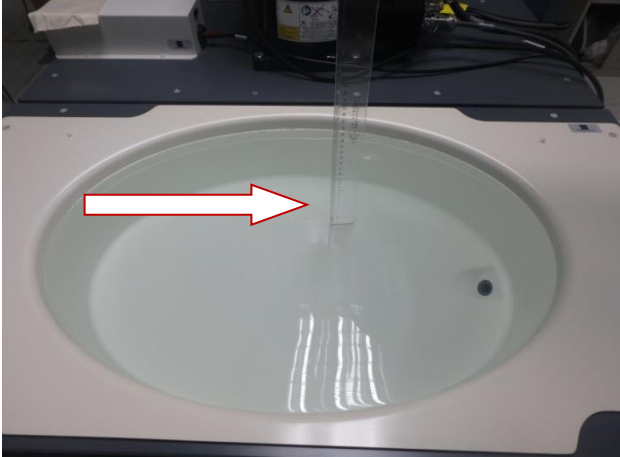


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DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

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

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

750MHz head  A photograph of a 750MHz head coil submerged in a tank of water. A vertical ruler is placed next to the coil for scale. A red arrow points to the ruler.	750MHz body  A photograph of a 750MHz body coil submerged in a tank of water. A vertical ruler is placed next to the coil for scale. A red arrow points to the ruler.
1750MHz head  A photograph of a 1750MHz head coil submerged in a tank of water. A vertical ruler is placed next to the coil for scale. A red arrow points to the ruler.	1750MHz body  A photograph of a 1750MHz body coil submerged in a tank of water. A vertical ruler is placed next to the coil for scale. A red arrow points to the ruler.

APPENDIX D. CALIBRATION DATA

Refer to Attached files.