

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850	Right Cheek Middle	2019/07/04
2	GSM850/GPRS4Tx	Body Back, Middle ,10mm	2019/07/04
3	GSM1900	Left Cheek Middle	2019/07/08
4	GSM1900/GPRS4Tx	Body Back Middle ,10mm	2019/07/08
5	WCDMA1900	Left Cheek Middle	2019/07/08
6	WCDMA1900	Body Back, Middle ,10mm	2019/07/08
7	WCDMA1700	Left Cheek Middle	2019/07/05
8	WCDMA1700	Body Back, Middle ,10mm	2019/07/05
9	WCDMA850	Right Cheek Middle	2019/07/04
10	WCDMA850	Body Back, Middle ,10mm	2019/07/04
11	LTE Band2	Left Cheek Middle	2019/07/08
12	LTE Band2	Body Back, Middle ,10mm	2019/07/08
13	LTE Band4	Left Cheek Middle	2019/07/05
14	LTE Band4	Body Back, Middle ,10mm	2019/07/05
15	LTE Band5	Left Cheek Middle	2019/07/04
16	LTE Band5	Body Back, Middle ,10mm	2019/07/04
17	LTE Band7	Left Cheek Middle	2019/07/10
18	LTE Band7	Body Back, Middle ,10mm	2019/07/10
19	LTE Band12	Right Cheek Middle	2019/07/03
20	LTE Band12	Body Back, Middle ,10mm	2019/07/03
21	LTE Band17	Right Cheek Middle	2019/07/03
22	LTE Band17	Body Back, Middle ,10mm	2019/07/03
23	LTE Band25	Left Cheek Middle	2019/07/08
24	LTE Band25	Body Back, Middle ,10mm	2019/07/08
25	LTE Band66	Right Cheek Middle	2019/07/05
26	LTE Band66	Body Back, Middle ,10mm	2019/07/05
27	WIFI 2.4G 802.11b	Right Cheek Middle	2019/07/09
28	WIFI 2.4G 802.11b	Body Back, Middle ,10mm	2019/07/09
29	BT 3.0 GFCK	Left Cheek Middle	2019/07/09
30	BT 3.0 GFCK	Body Back, Middle ,10mm	2019/07/09
31	WIFI 5G 802.11ac	Right Cheek Middle	2019/07/11
32	WIFI 5G 802.11ac	Body Back, Middle ,10mm	2019/07/11
33	UHF	Edge A, Middle ,10mm	2019/07/04

Plot 1: GSM850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 01 seconds

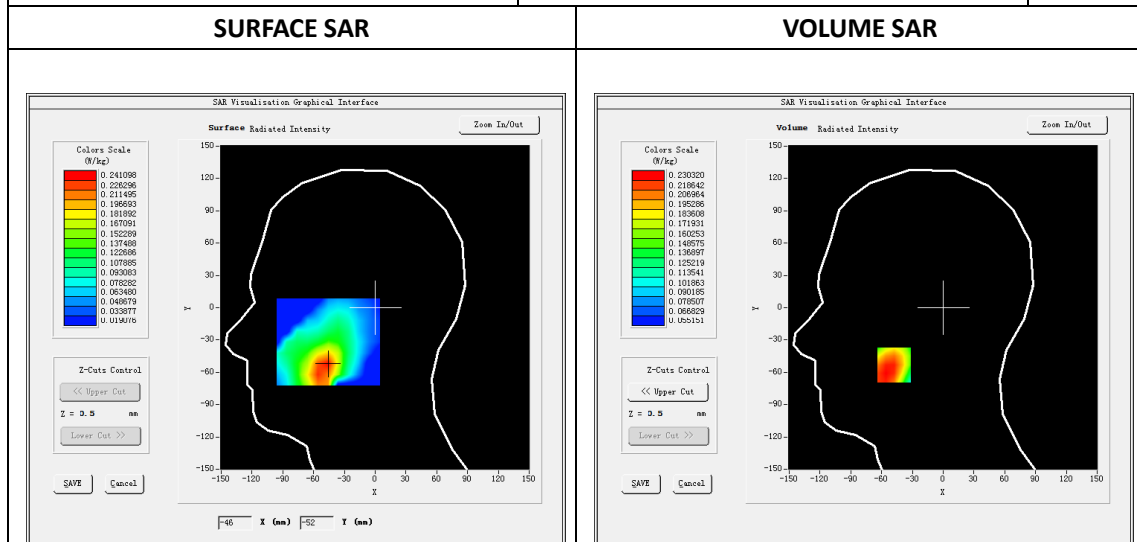
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	GSM850
Channels	190
Signal	GSM (Duty cycle: 1:8.3)

B. SAR Measurement Results

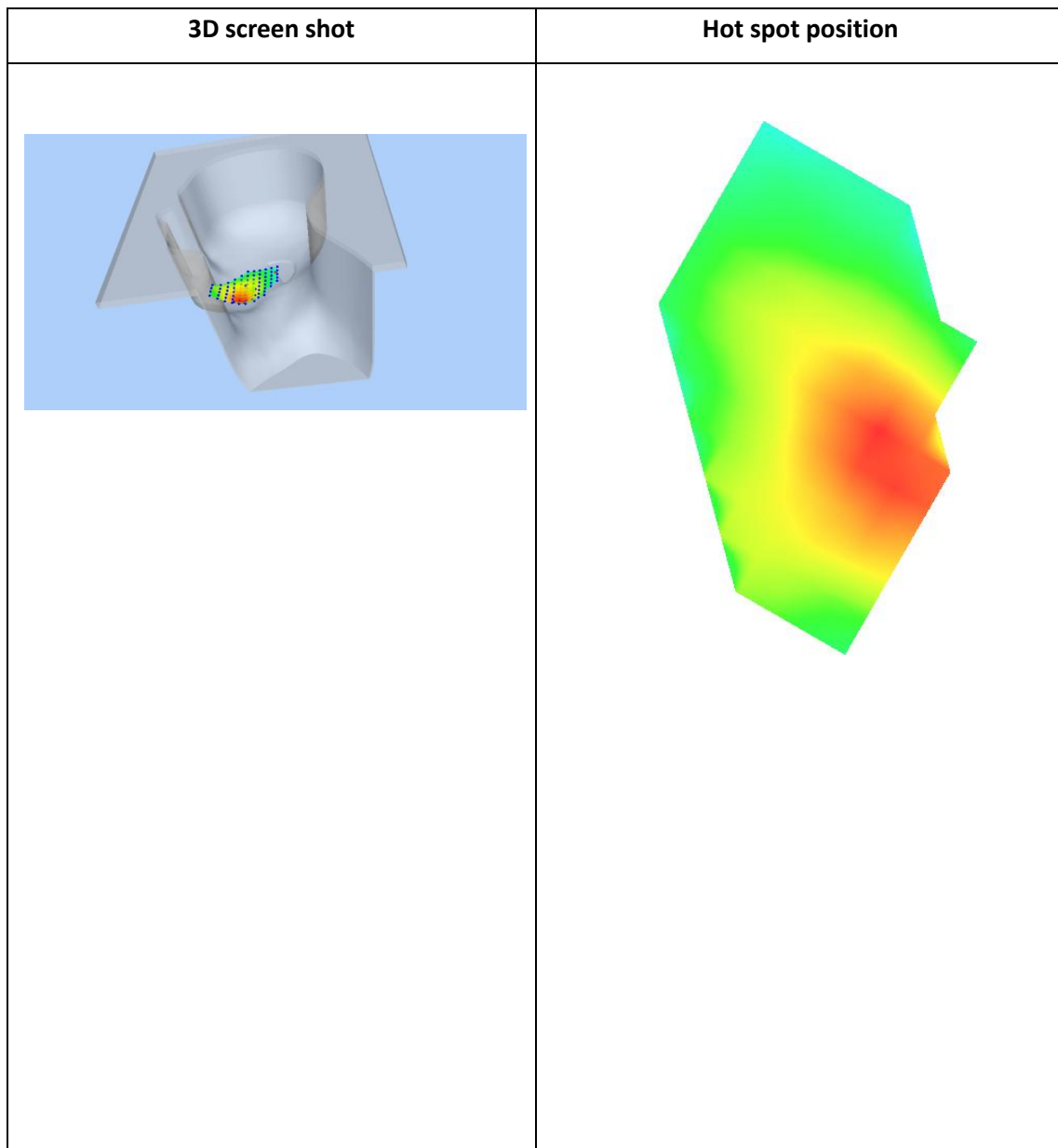
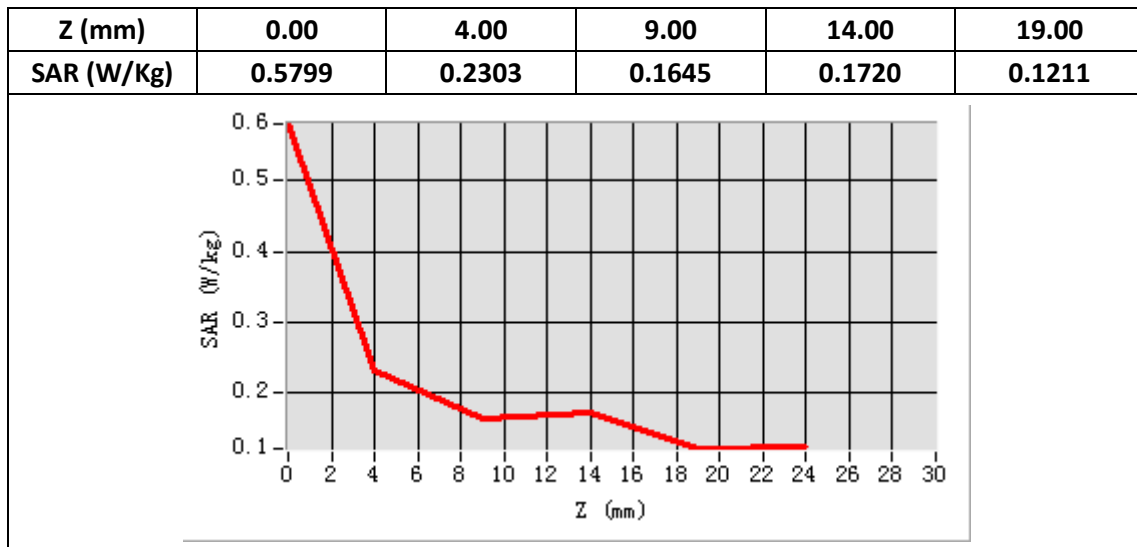
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.45
Relative permittivity (imaginary part)	19.27
Conductivity (S/m)	0.91
Variation (%)	-2.70
ConvF:	1.92



Maximum location: X=-48.00, Y=-53.00

SAR Peak: 0.26W/kg

SAR 10g (W/Kg)	0.185594
SAR 1g (W/Kg)	0.228482



Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 05 seconds

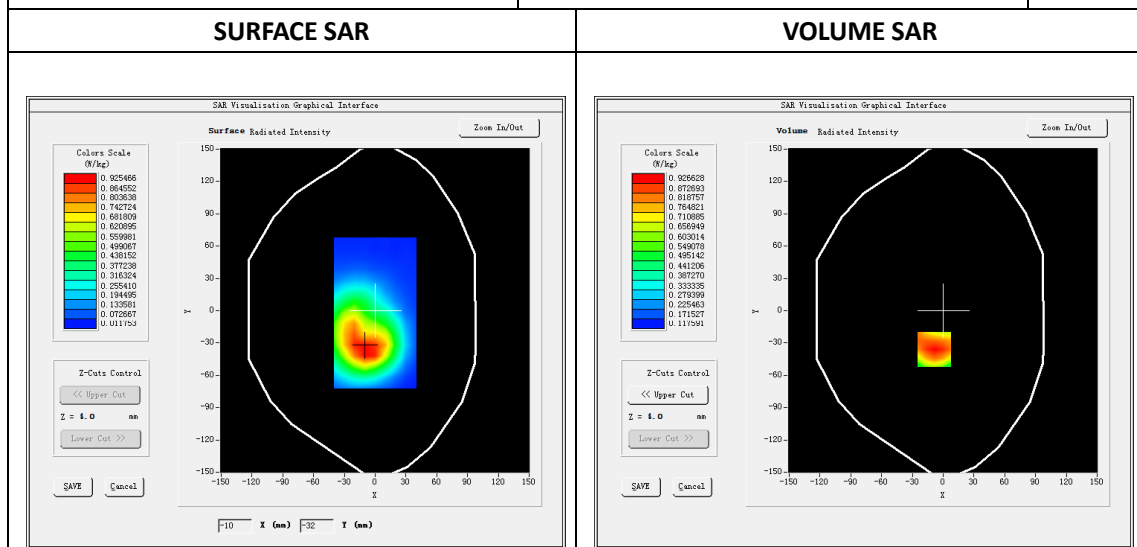
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	GSPRS850_4Tx
Channels	190
Signal	GPRS(Duty cycle: 1:2)

B. SAR Measurement Results

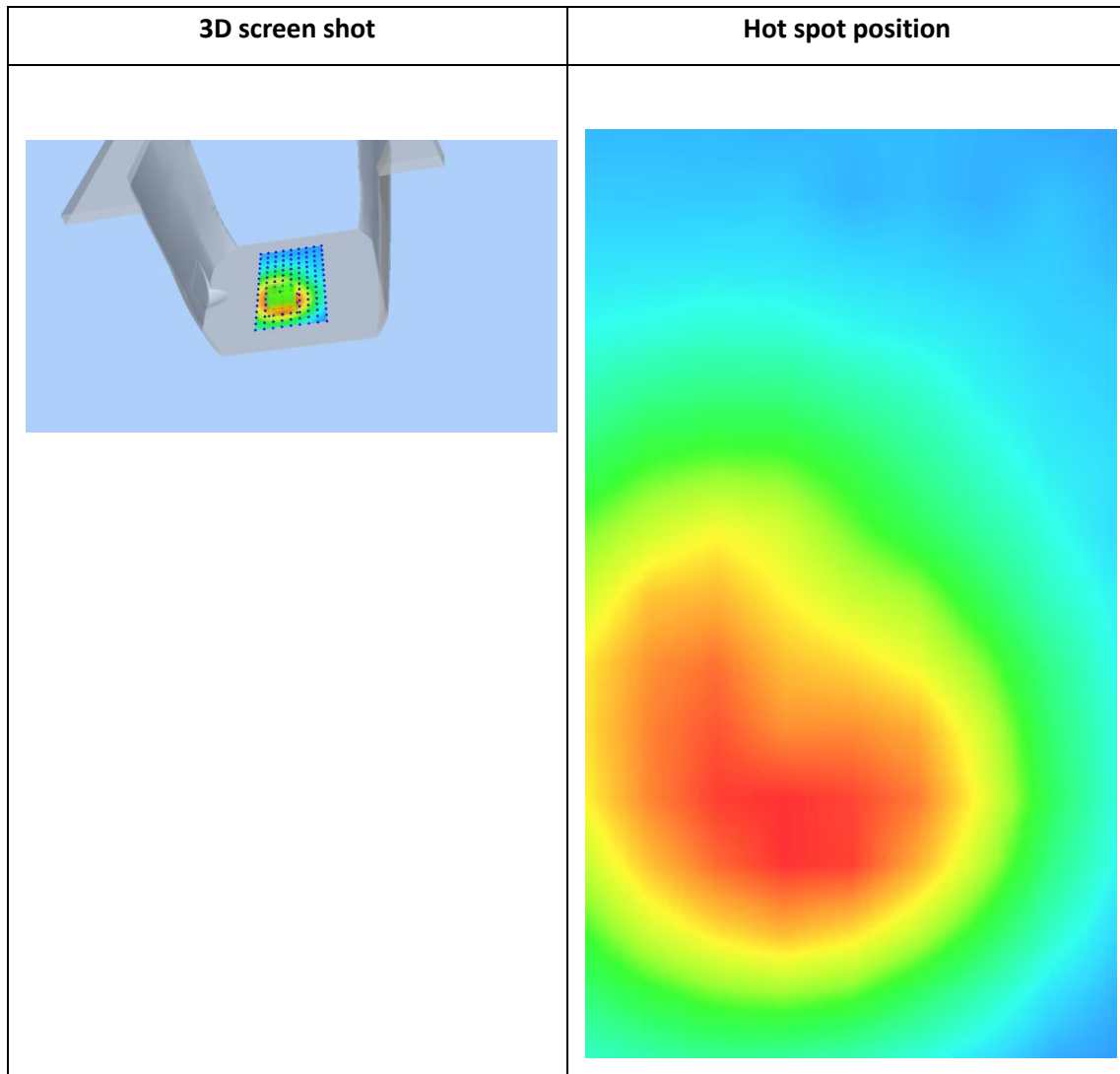
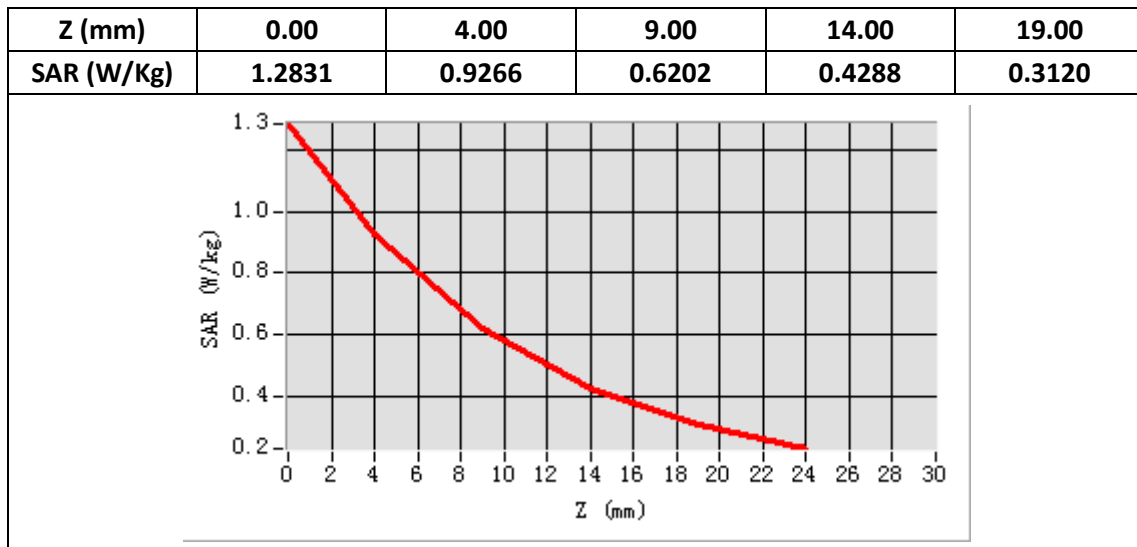
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	55.20
Relative permittivity (imaginary part)	20.48
Conductivity (S/m)	0.95
Variation (%)	-1.15
ConvF:	1.99



Maximum location: X=-9.00, Y=-36.00

SAR Peak: 1.28 W/kg

SAR 10g (W/Kg)	0.589464
SAR 1g (W/Kg)	0.900198



Plot3: GSM1900, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 02 seconds

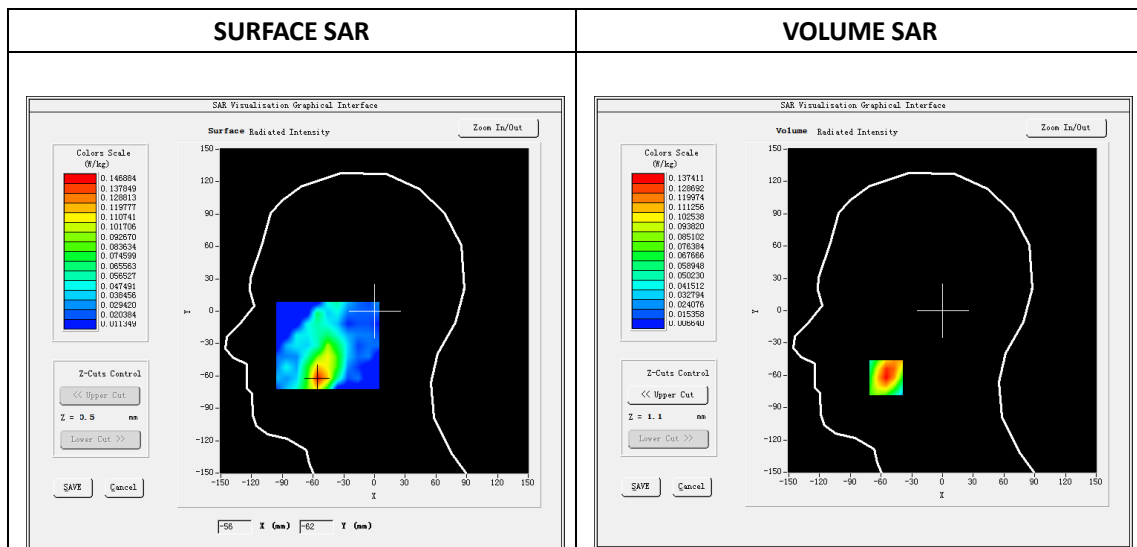
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	GSM1900
Channels	661
Signal	GSM (Duty cycle: 1:8.3)

B. SAR Measurement Results

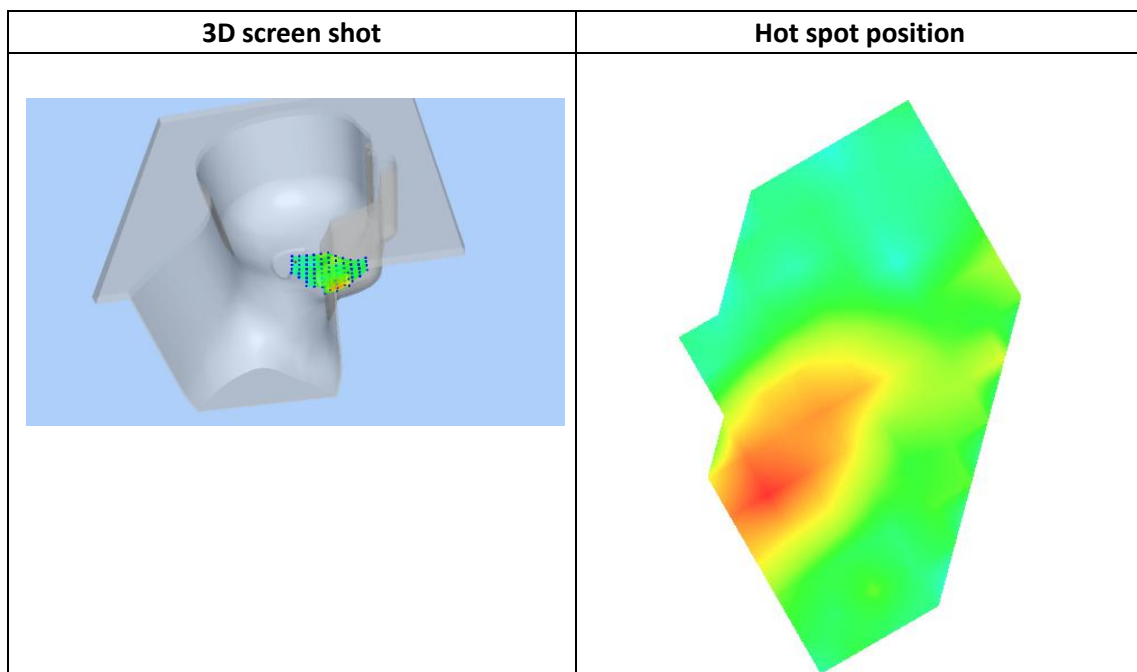
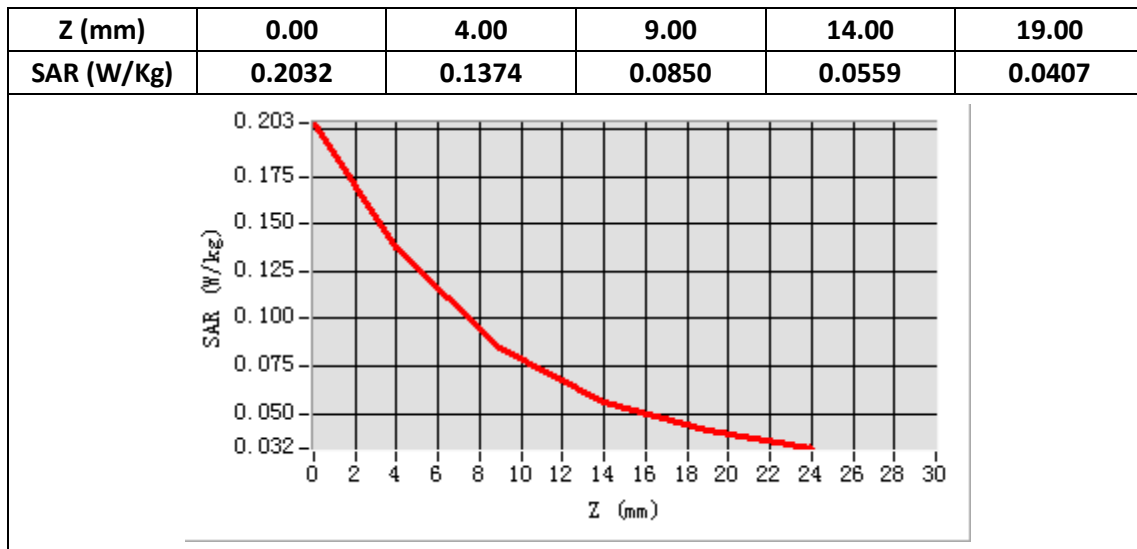
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.35
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	4.47
ConvF:	2.34



Maximum location: X=-55.00, Y=-62.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.080661
SAR 1g (W/Kg)	0.135124



Plot4: GPRS1900, Back, Middle ,10mm

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 03 seconds

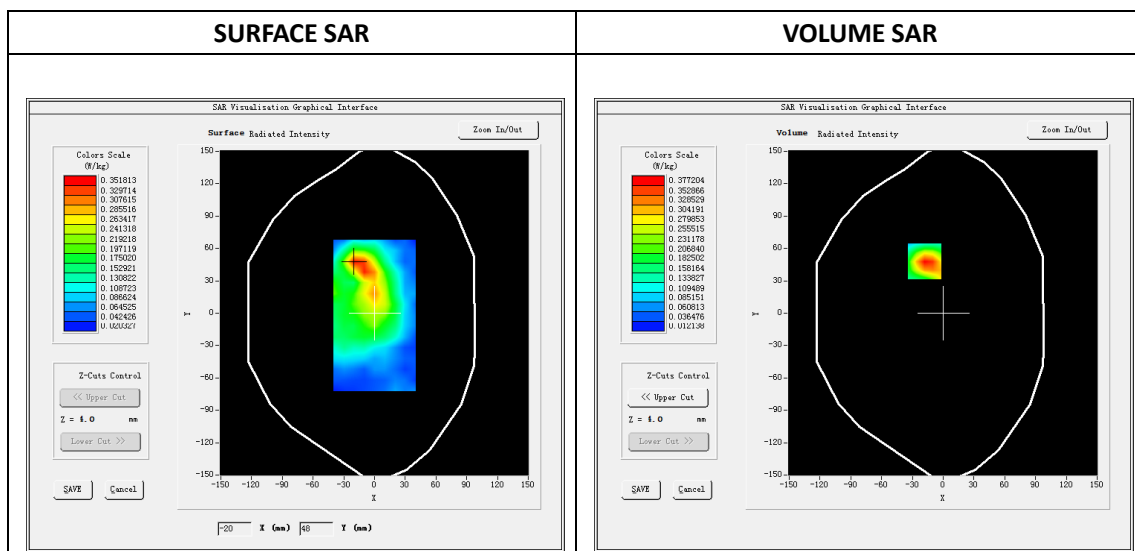
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	GPRS1900_4Tx
Channels	661
Signal	GPRS(Duty cycle: 1:2)

B. SAR Measurement Results

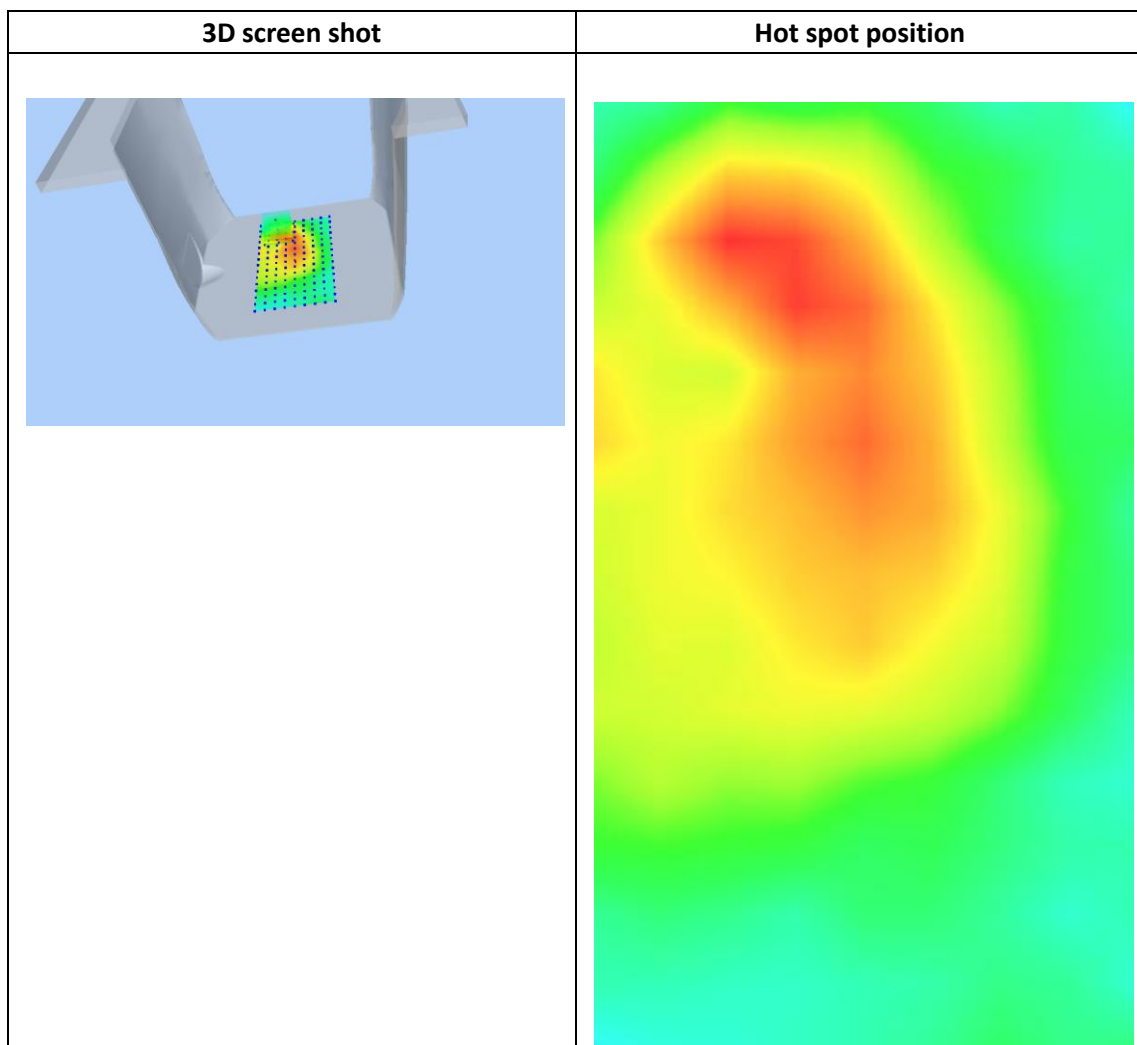
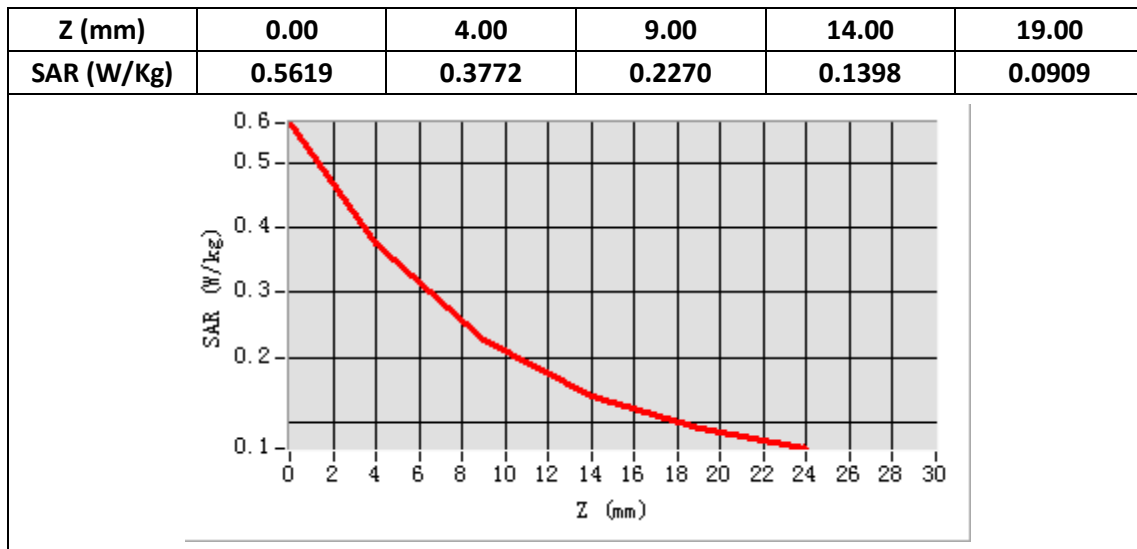
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.24
Relative permittivity (imaginary part)	14.31
Conductivity (S/m)	1.51
Variation (%)	3.04
ConvF:	2.39



Maximum location: X=-18.00, Y=48.00

SAR Peak: 0.57W/kg

SAR 10g (W/Kg)	0.198603
SAR 1g (W/Kg)	0.354403



Plot 5: WCDMA1900, Left Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 04 seconds

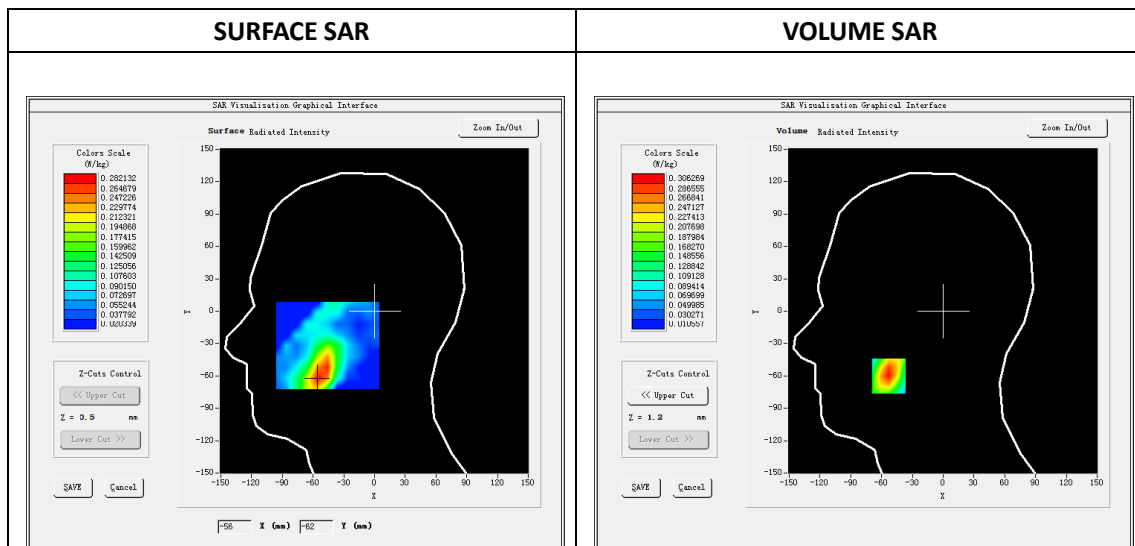
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

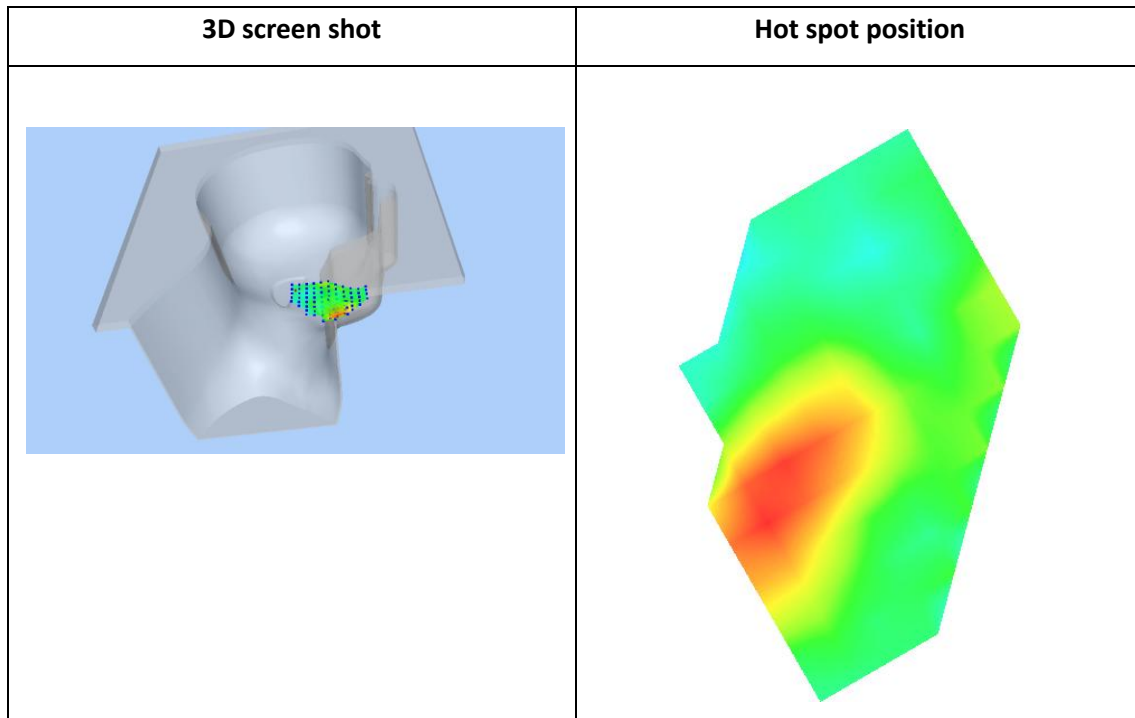
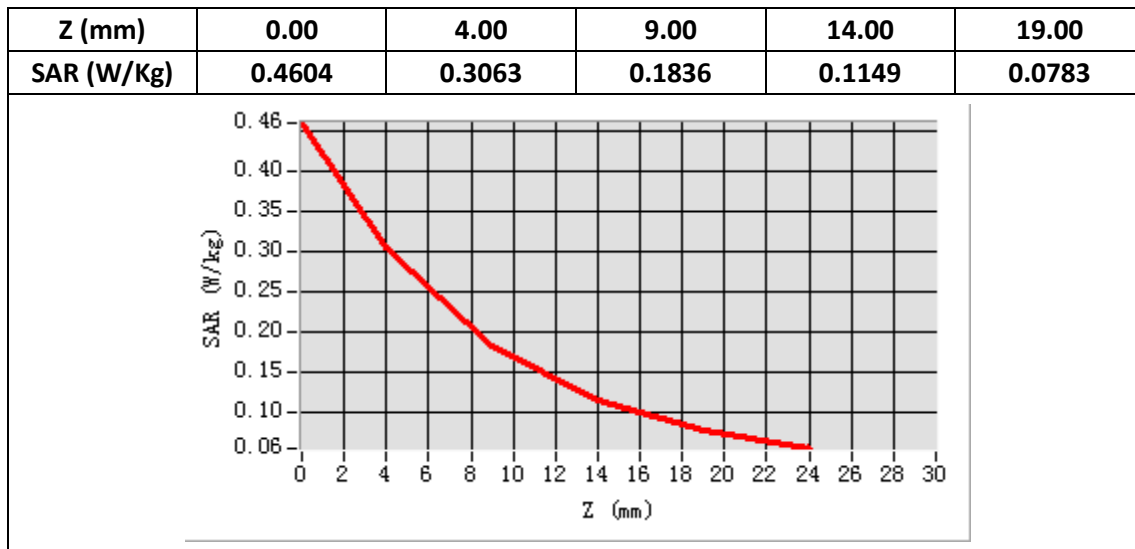
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.35
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	4.86
ConvF:	2.34



Maximum location: X=-53.00, Y=-60.00

SAR Peak: 0.46W/kg

SAR 10g (W/Kg)	0.162869
SAR 1g (W/Kg)	0.287076



Plot 6: WCDMA1900, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 08 seconds

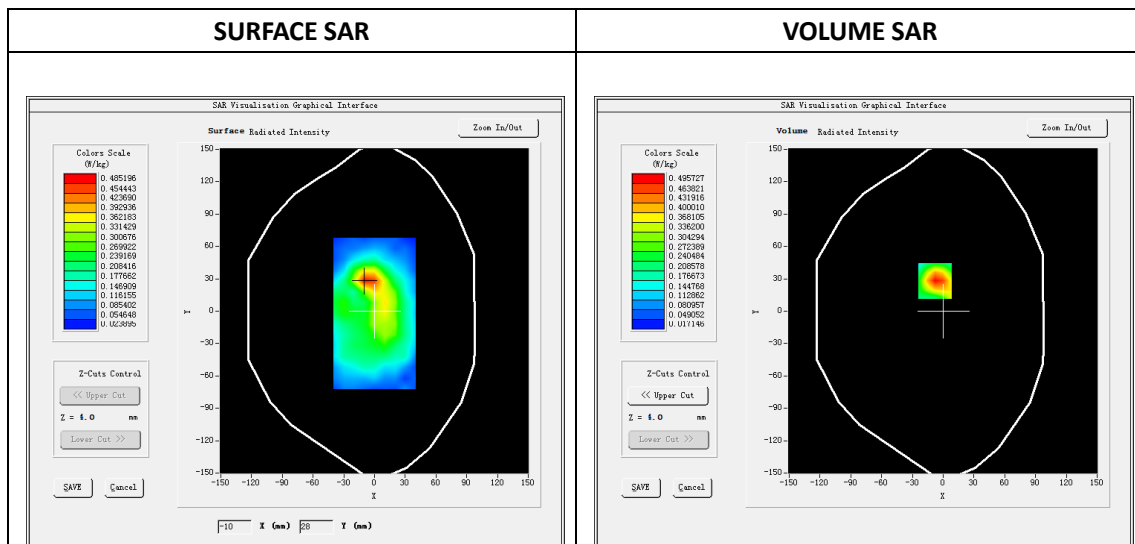
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

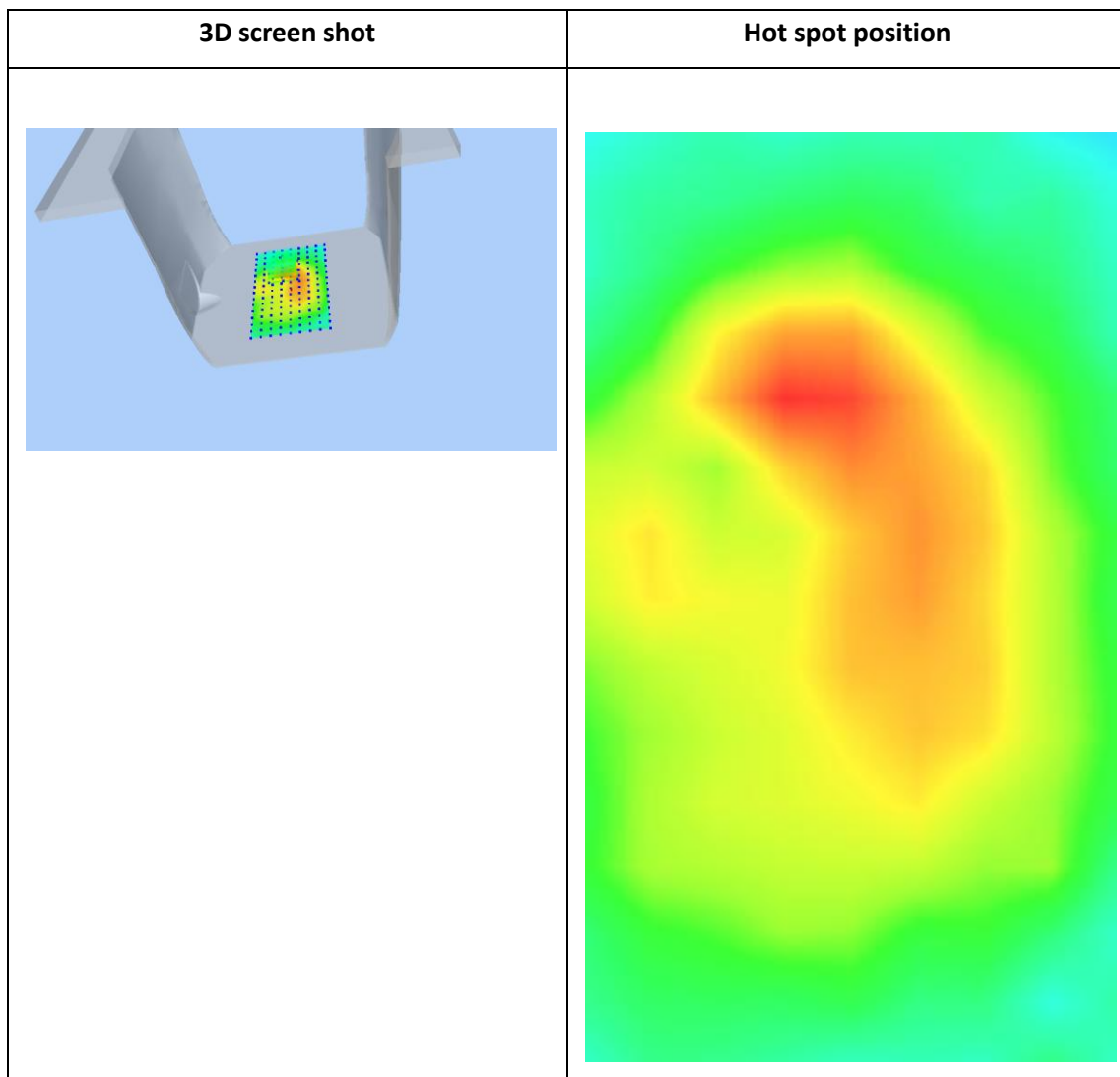
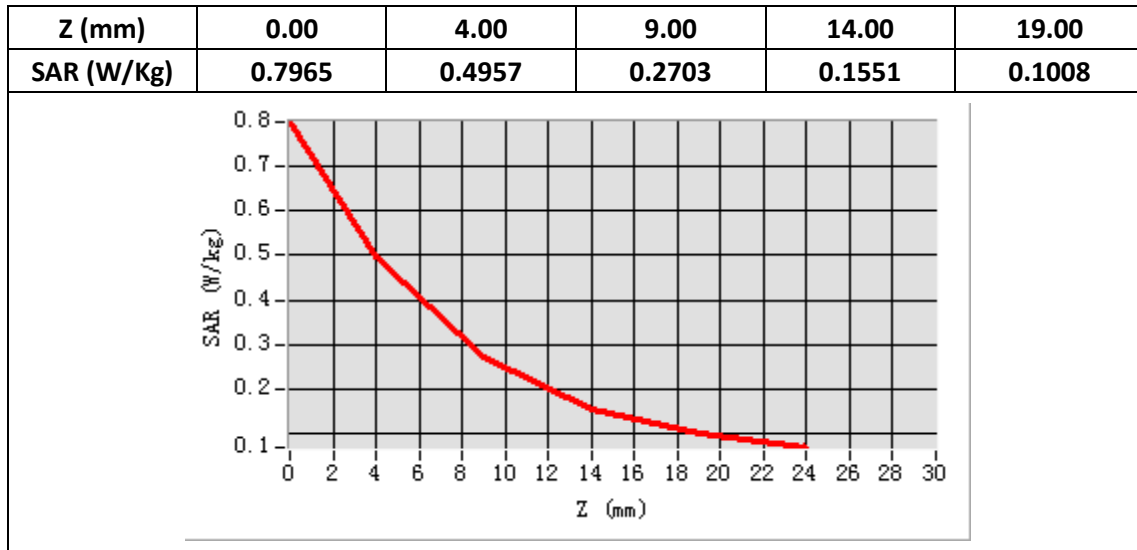
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.24
Relative permittivity (imaginary part)	14.31
Conductivity (S/m)	1.51
Variation (%)	3.96
ConvF:	2.39



Maximum location: X=-8.00, Y=28.00

SAR Peak: 0.80W/kg

SAR 10g (W/Kg)	0.250740
SAR 1g (W/Kg)	0.465915



Plot 7: WCDMA1700, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/05/2019

Measurement duration: 22 minutes 06 seconds

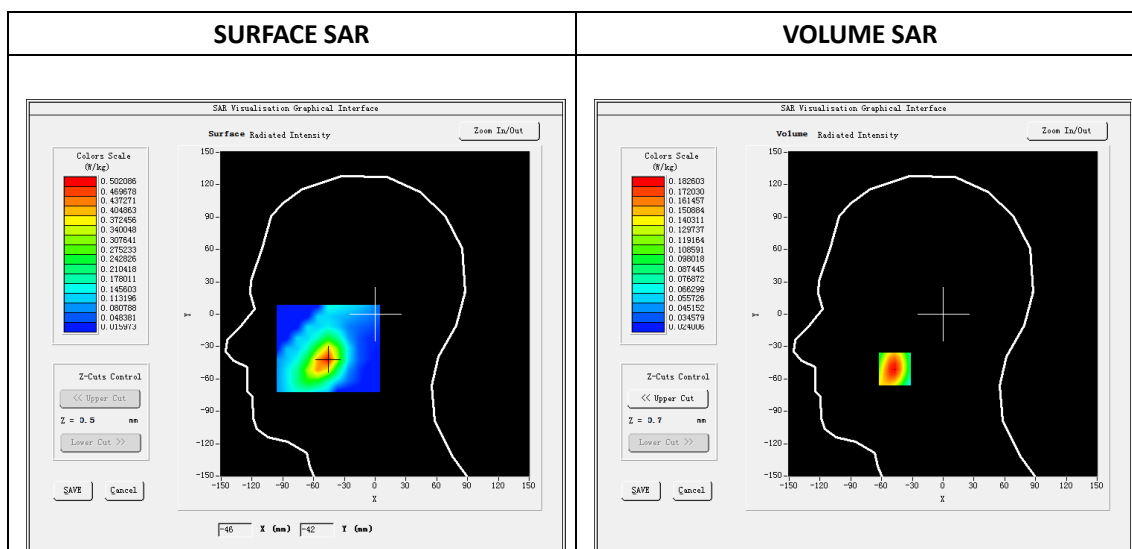
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	Band2_WCDMA1700
Channels	1413
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

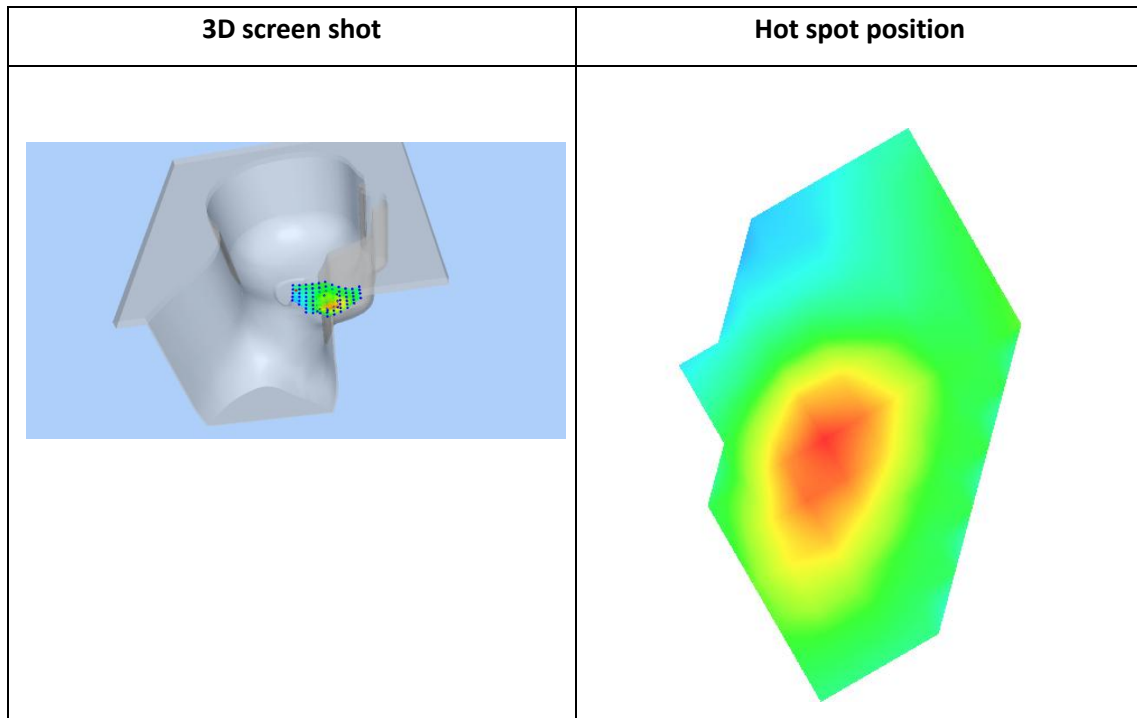
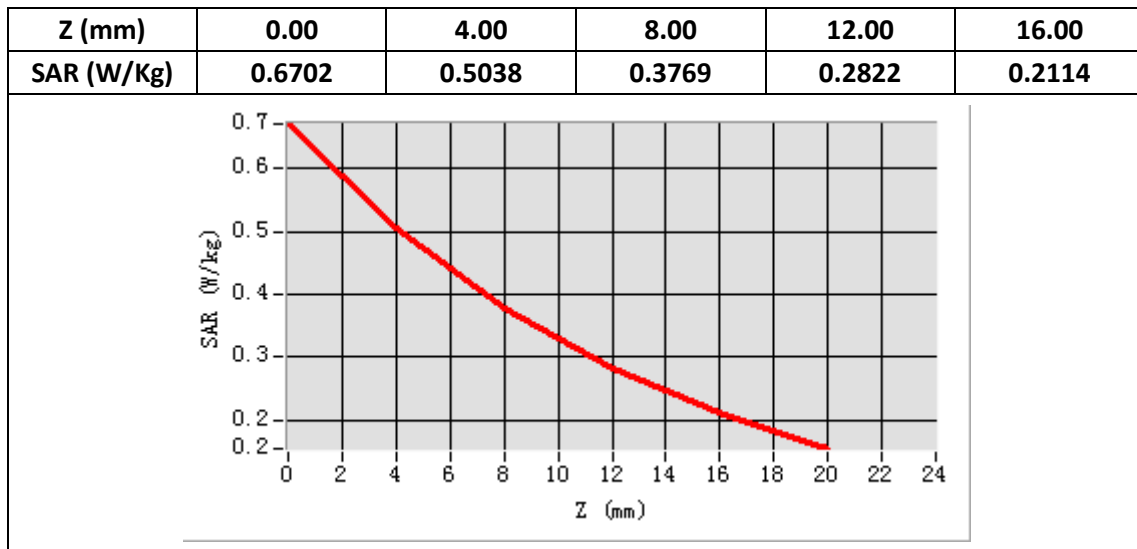
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.6
Relative permittivity (real part)	40.60
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.38
Variation (%)	-0.09
ConvF:	2.14



Maximum location: X=-47.00, Y=-42.00

SAR Peak: 0.67W/kg

SAR 10g (W/Kg)	0.287000
SAR 1g (W/Kg)	0.473710



Plot 8: WCDMA1700,Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/05/2019

Measurement duration: 22 minutes 09 seconds

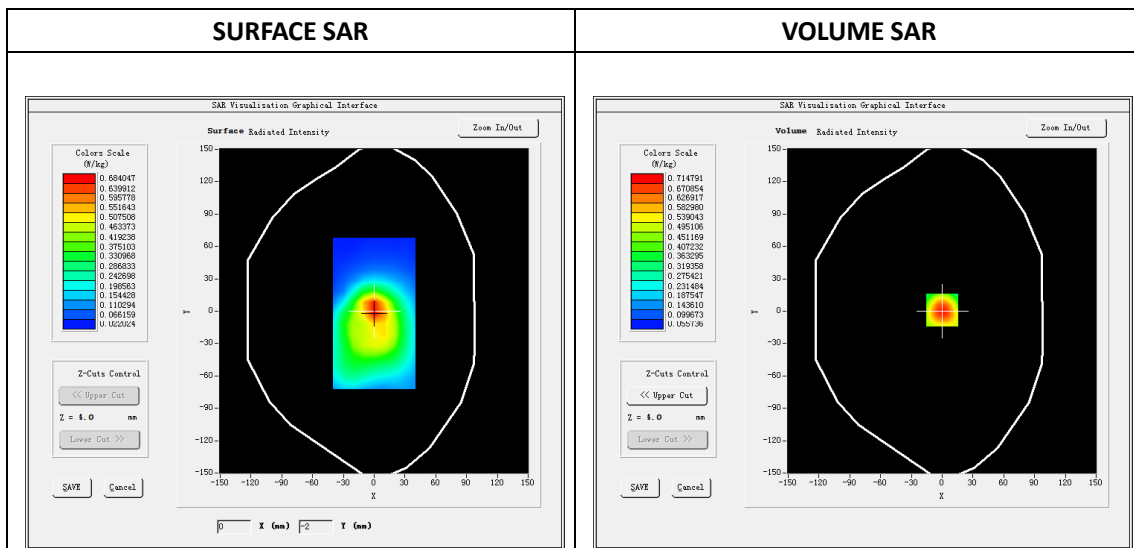
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	Band2_WCDMA1700
Channels	1413
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

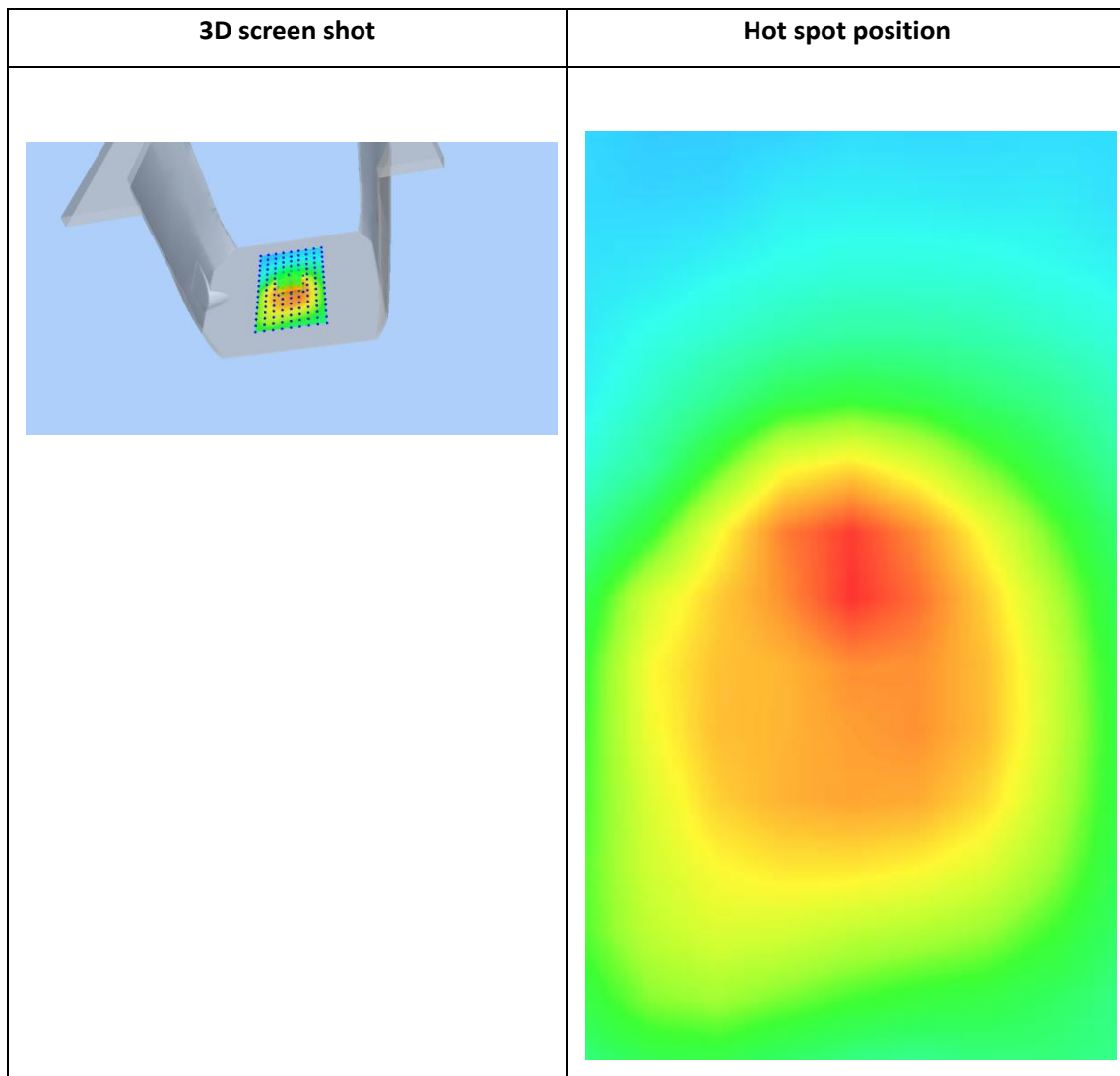
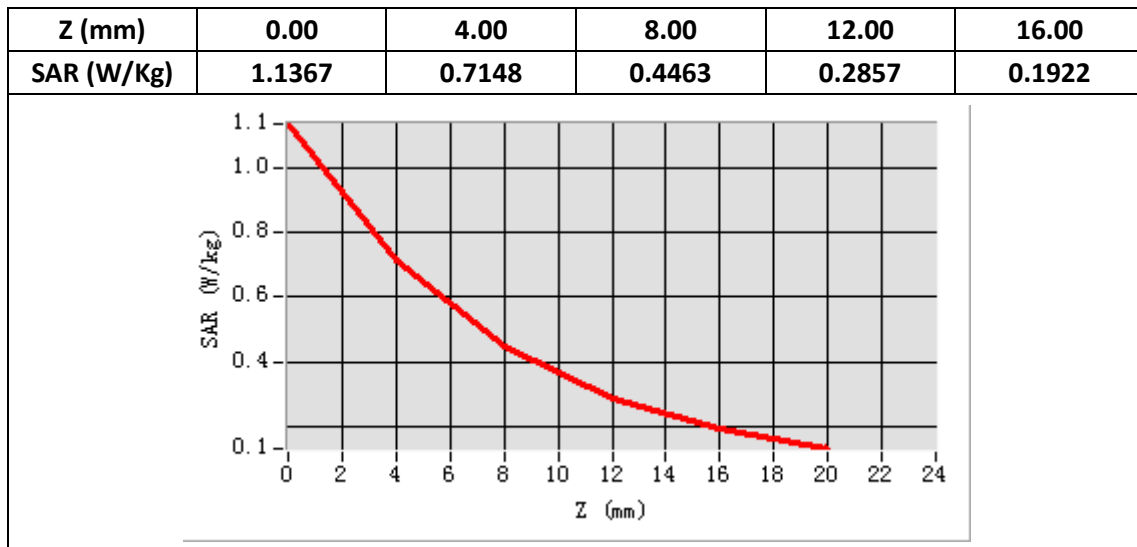
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.6
Relative permittivity (real part)	53.52
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	0.29
ConvF:	2.22



Maximum location: X=0.00, Y=1.00

SAR Peak: 1.14W/kg

SAR 10g (W/Kg)	0.376225
SAR 1g (W/Kg)	0.667212



Plot 9: WCDMA850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 11 seconds

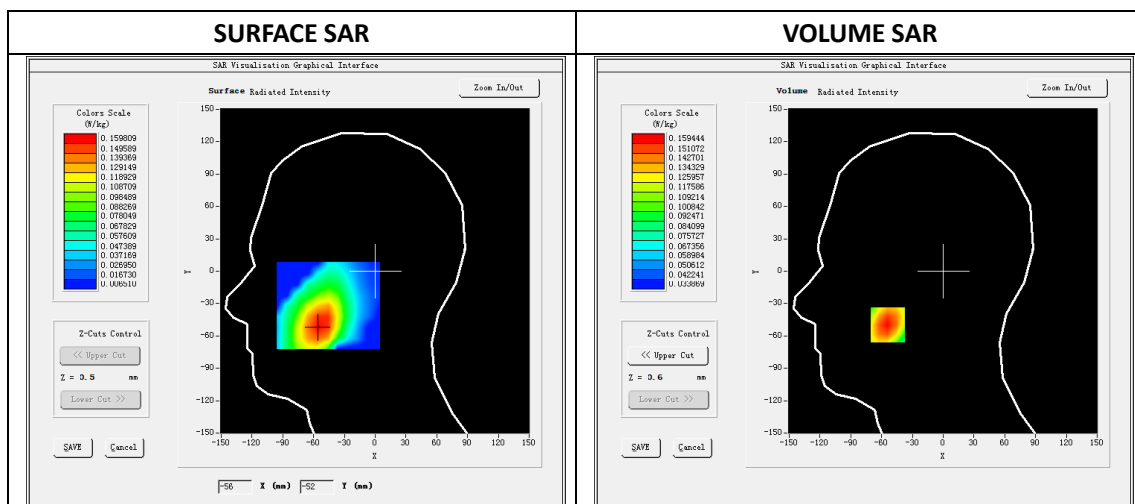
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	Band5_WCDMA850
Channels	4183
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

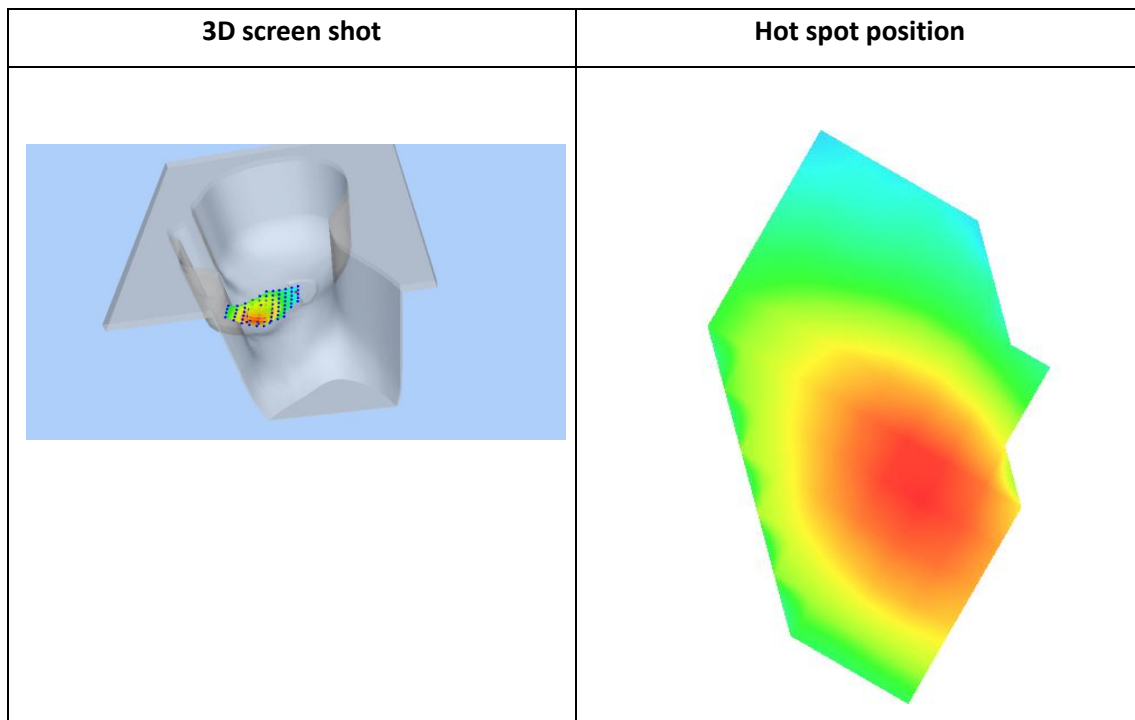
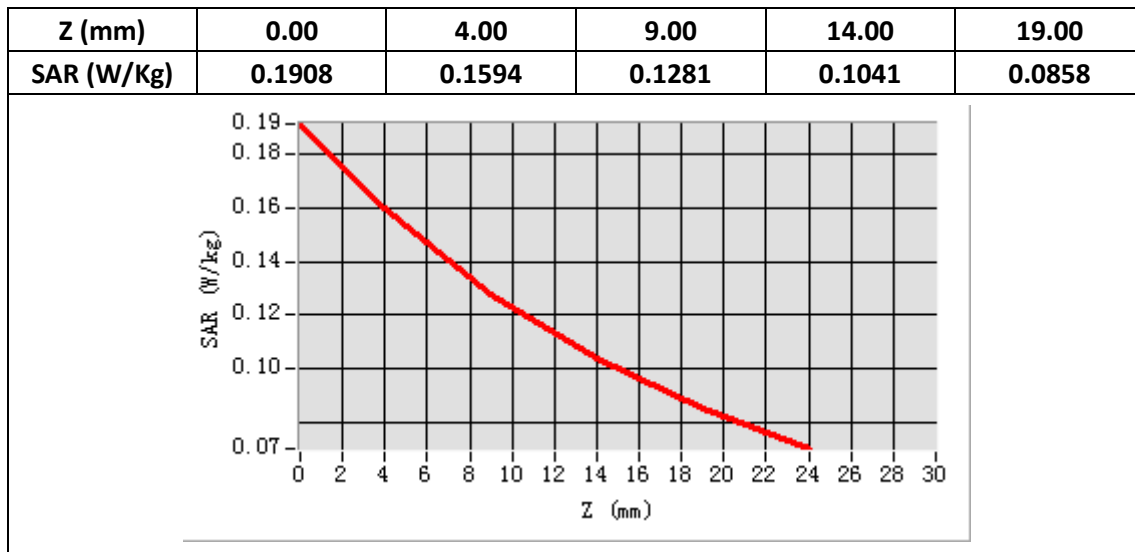
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.45
Relative permittivity (imaginary part)	19.27
Conductivity (S/m)	0.91
Variation (%)	-4.26
ConvF:	1.92



Maximum location: X=-54.00, Y=-50.00

SAR Peak: 0.19W/kg

SAR 10g (W/Kg)	0.117019
SAR 1g (W/Kg)	0.155718



Plot 10: WCDMA850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 10 seconds

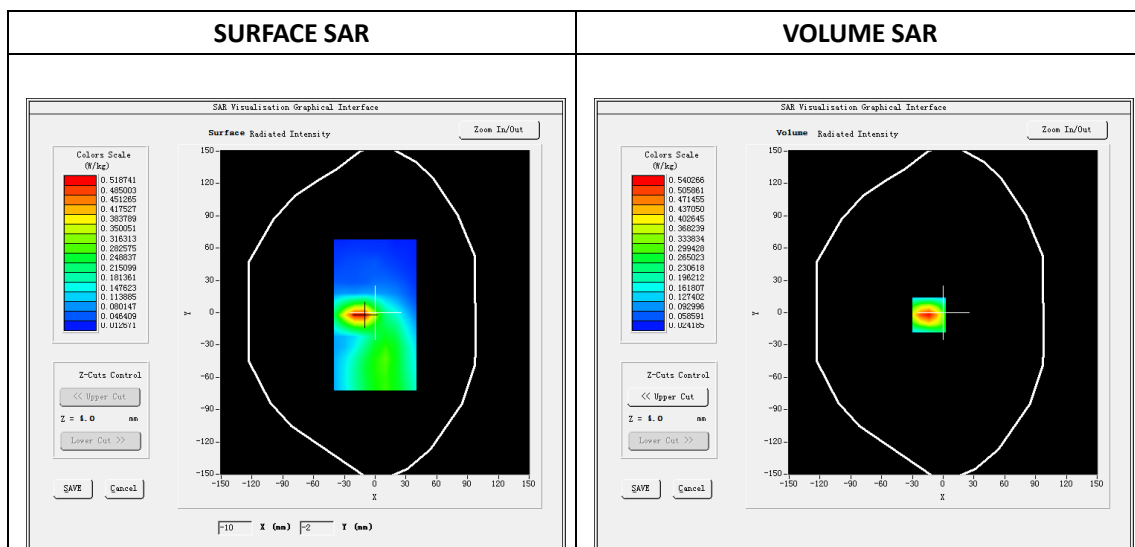
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	Band5_WCDMA850
Channels	4183
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

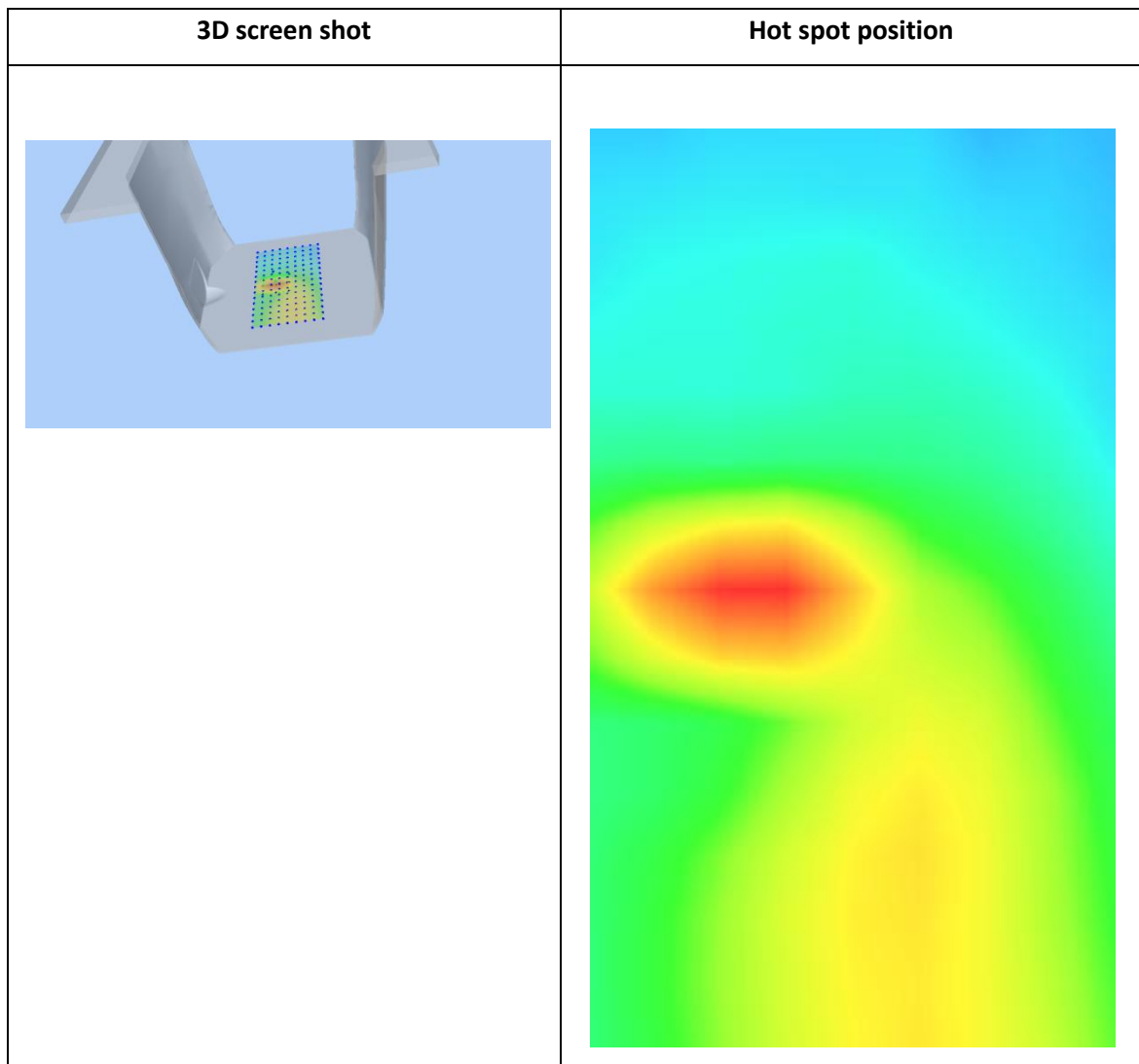
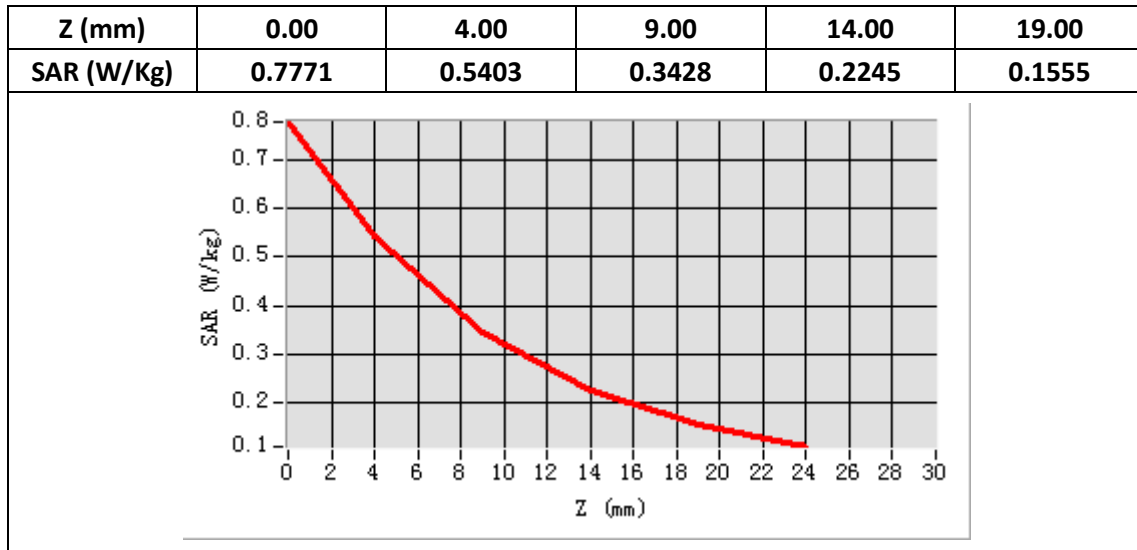
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	55.20
Relative permittivity (imaginary part)	20.48
Conductivity (S/m)	0.95
Variation (%)	-1.06
ConvF:	1.99



Maximum location: X=-14.00, Y=-2.00

SAR Peak: 0.78W/kg

SAR 10g (W/Kg)	0.284154
SAR 1g (W/Kg)	0.507521



Plot 11: LTE Band2, 20MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 12 econds

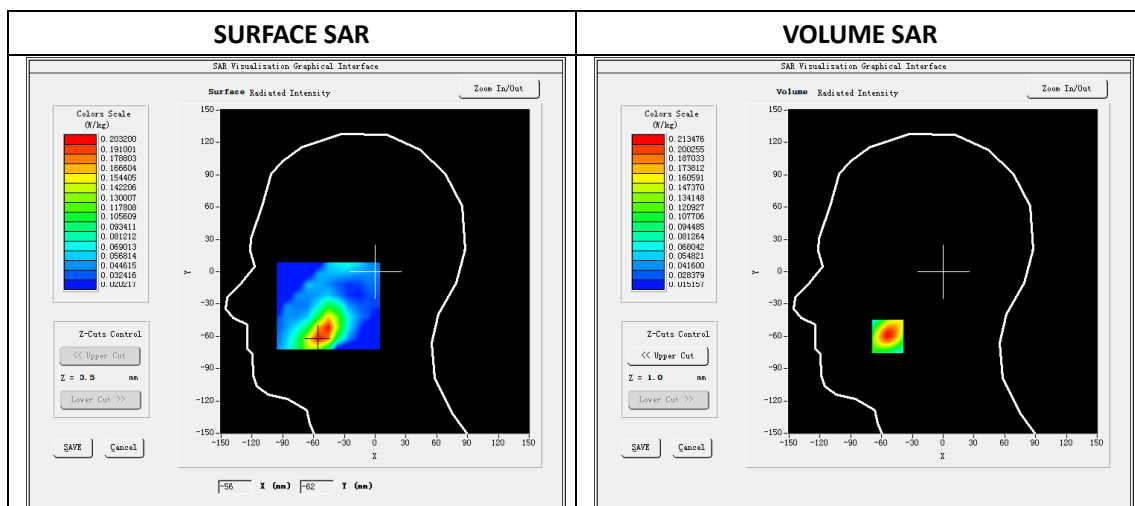
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 2
Channels	18900
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

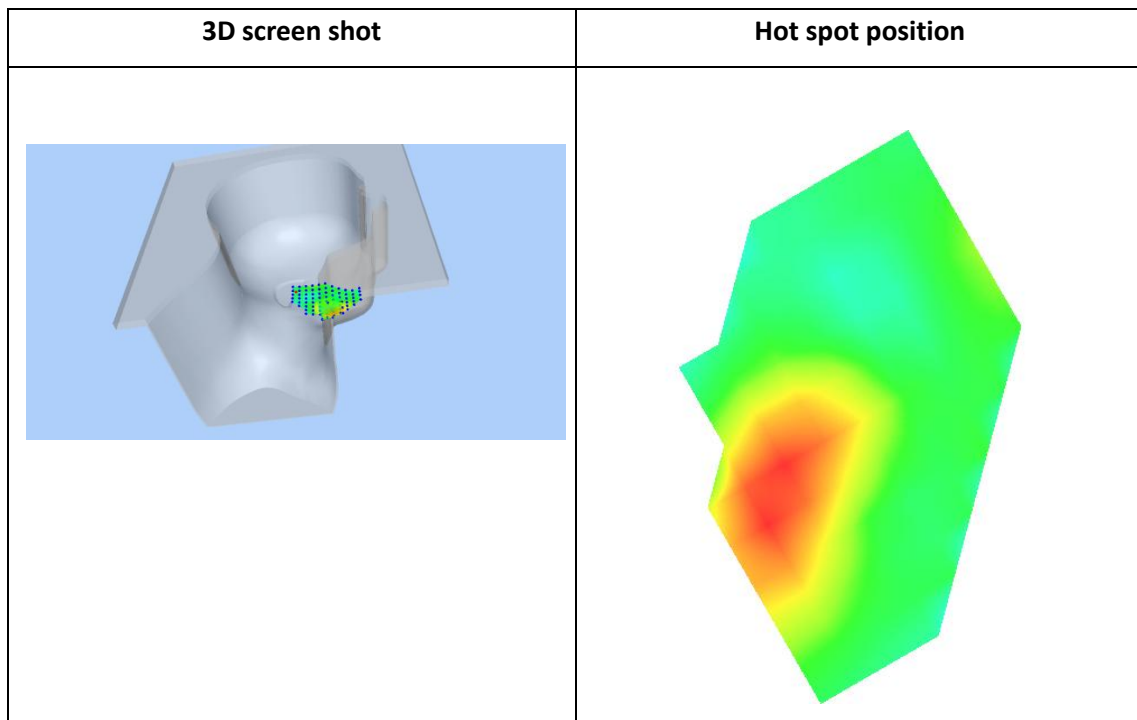
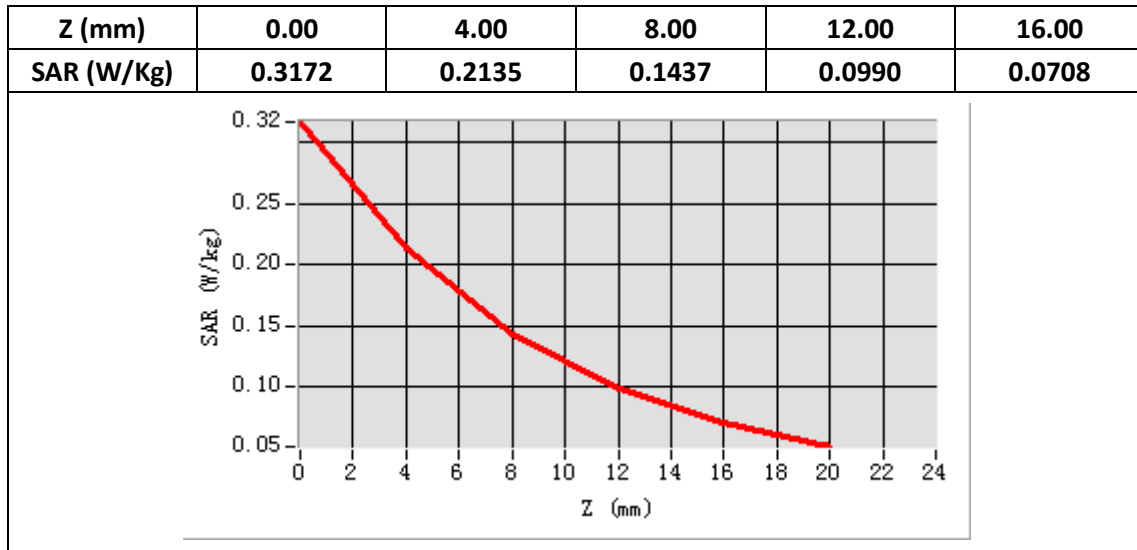
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.35
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	-4.34
ConvF:	2.34



Maximum location: X=-54.00, Y=-60.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.113445
SAR 1g (W/Kg)	0.198070



Plot 12: LTE Band2, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 13 seconds

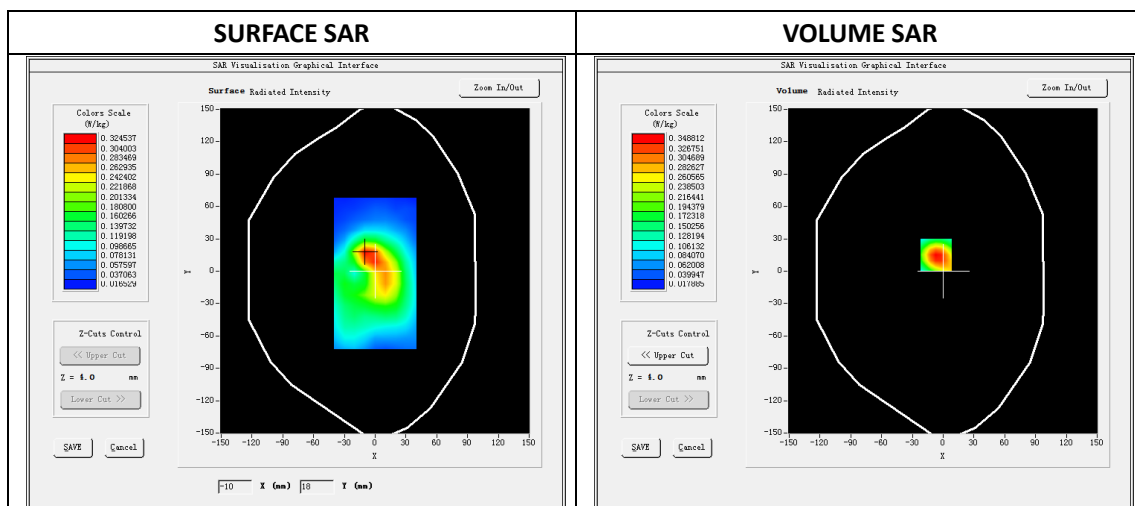
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 2
Channels	18900
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

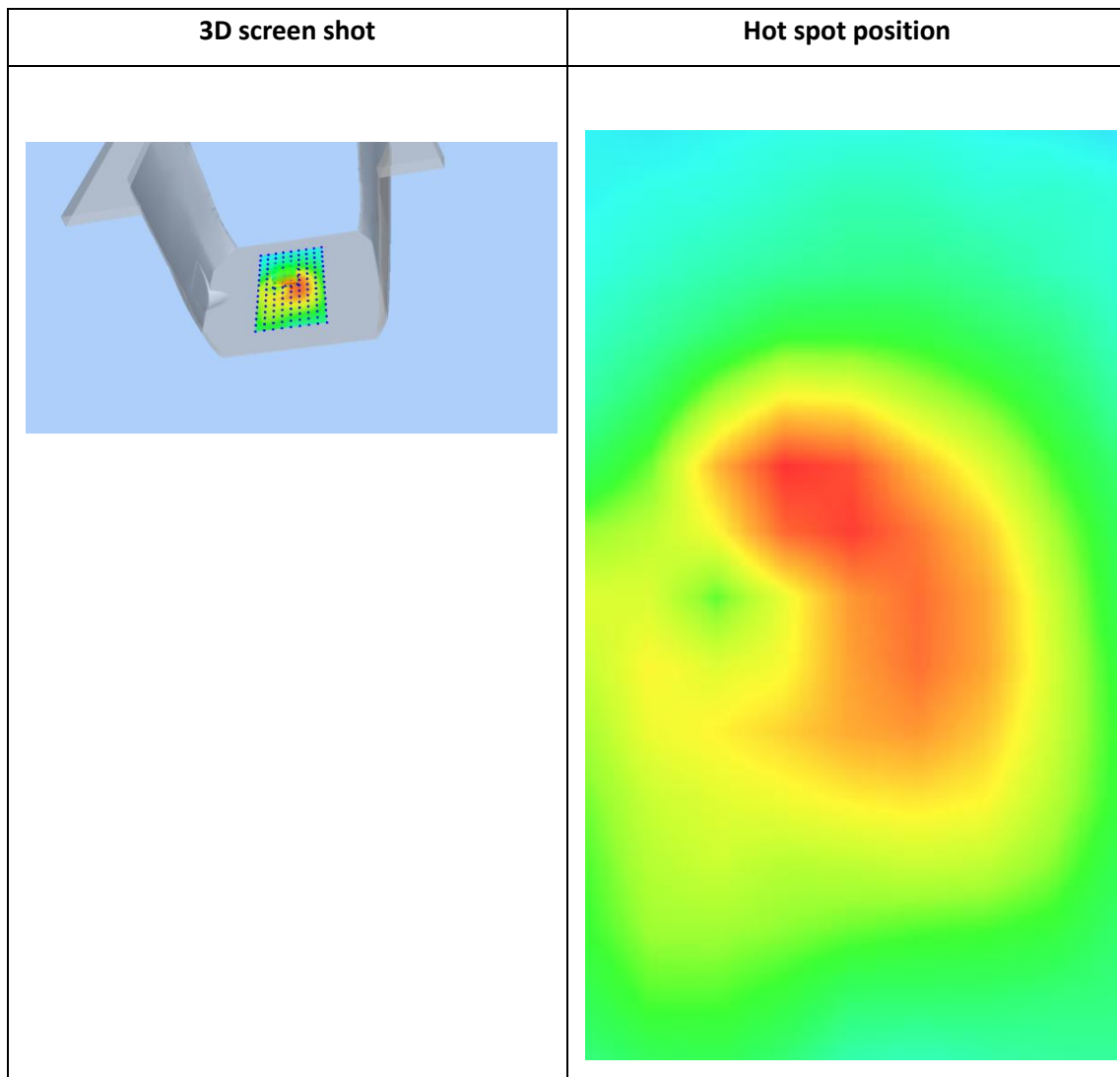
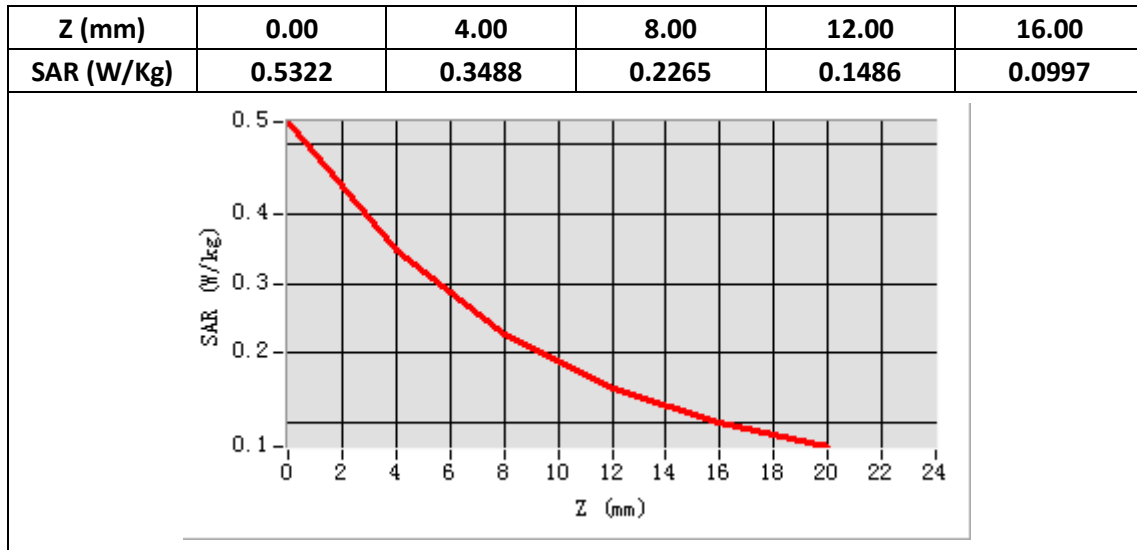
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.24
Relative permittivity (imaginary part)	14.31
Conductivity (S/m)	1.51
Variation (%)	-0.18
ConvF:	2.39



Maximum location: X=-7.00, Y=15.00

SAR Peak: 0.54W/kg

SAR 10g (W/Kg)	0.178787
SAR 1g (W/Kg)	0.323478



Plot 13: LTE Band4, 20MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/05/2019

Measurement duration: 22 minutes 15 econds

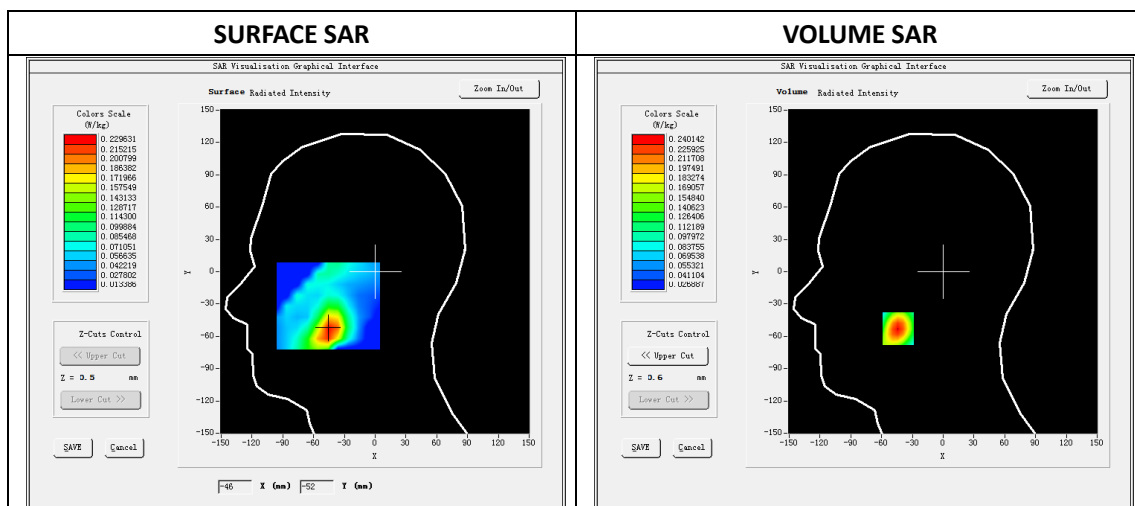
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 4
Channels	20175
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

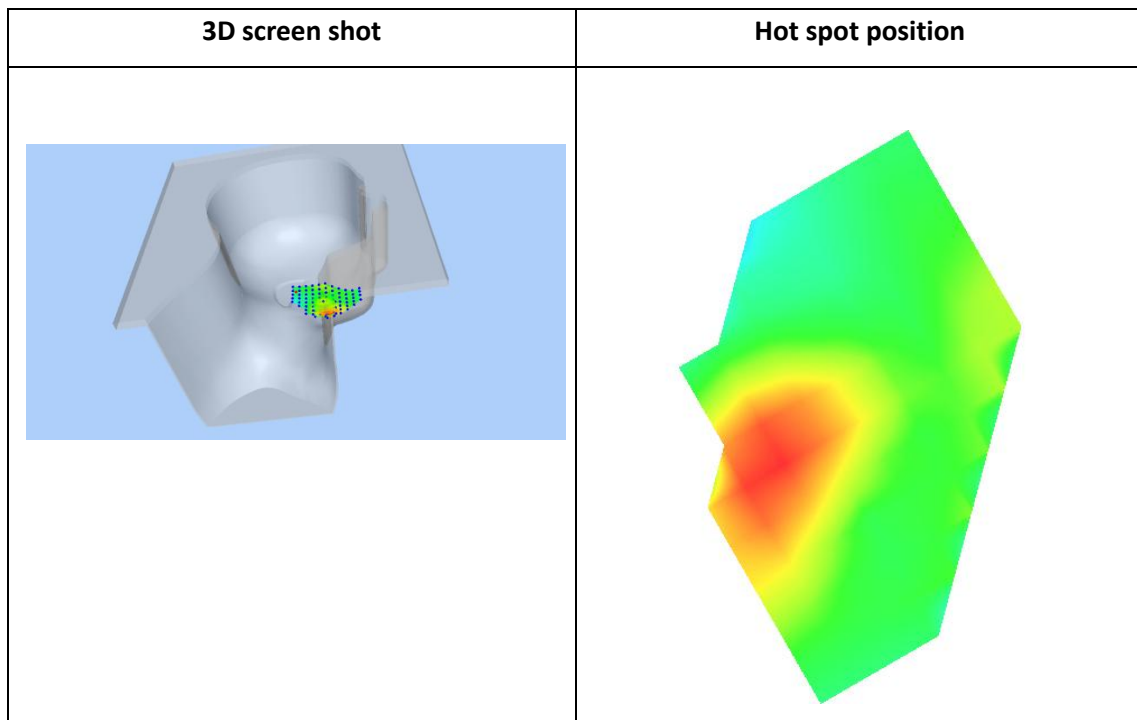
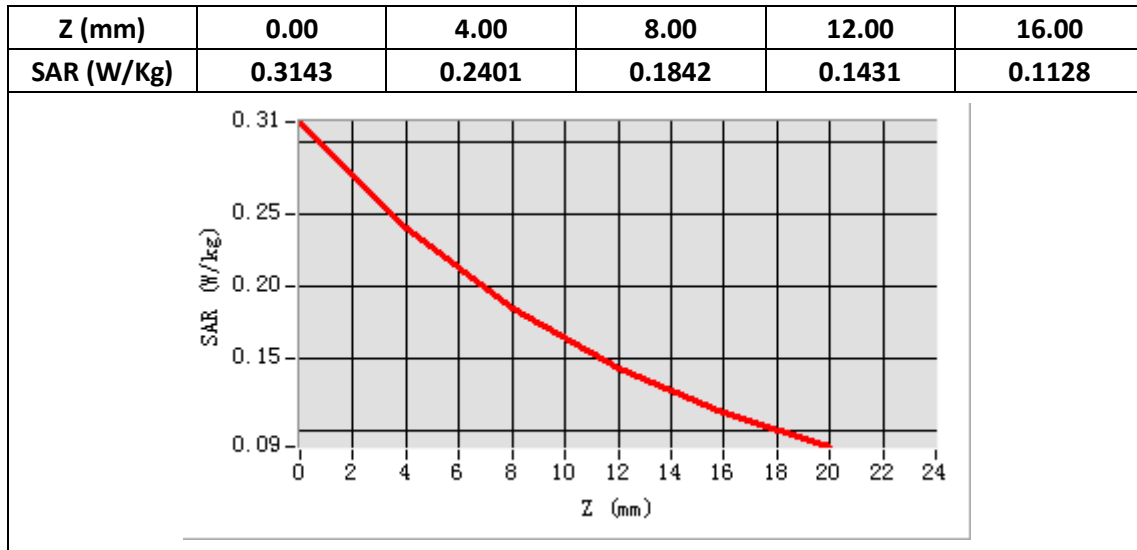
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	40.60
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.38
Variation (%)	-4.43
ConvF:	2.14



Maximum location: X=-44.00, Y=-53.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.145497
SAR 1g (W/Kg)	0.226711



Plot 14: LTE Band4, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/05/2019

Measurement duration: 22 minutes 14 seconds

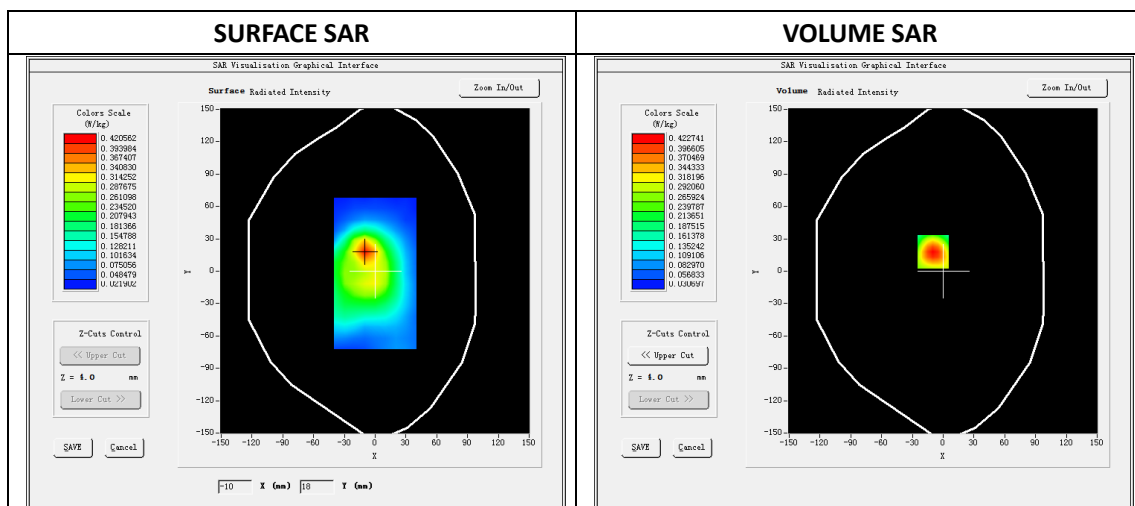
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 4
Channels	20175
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

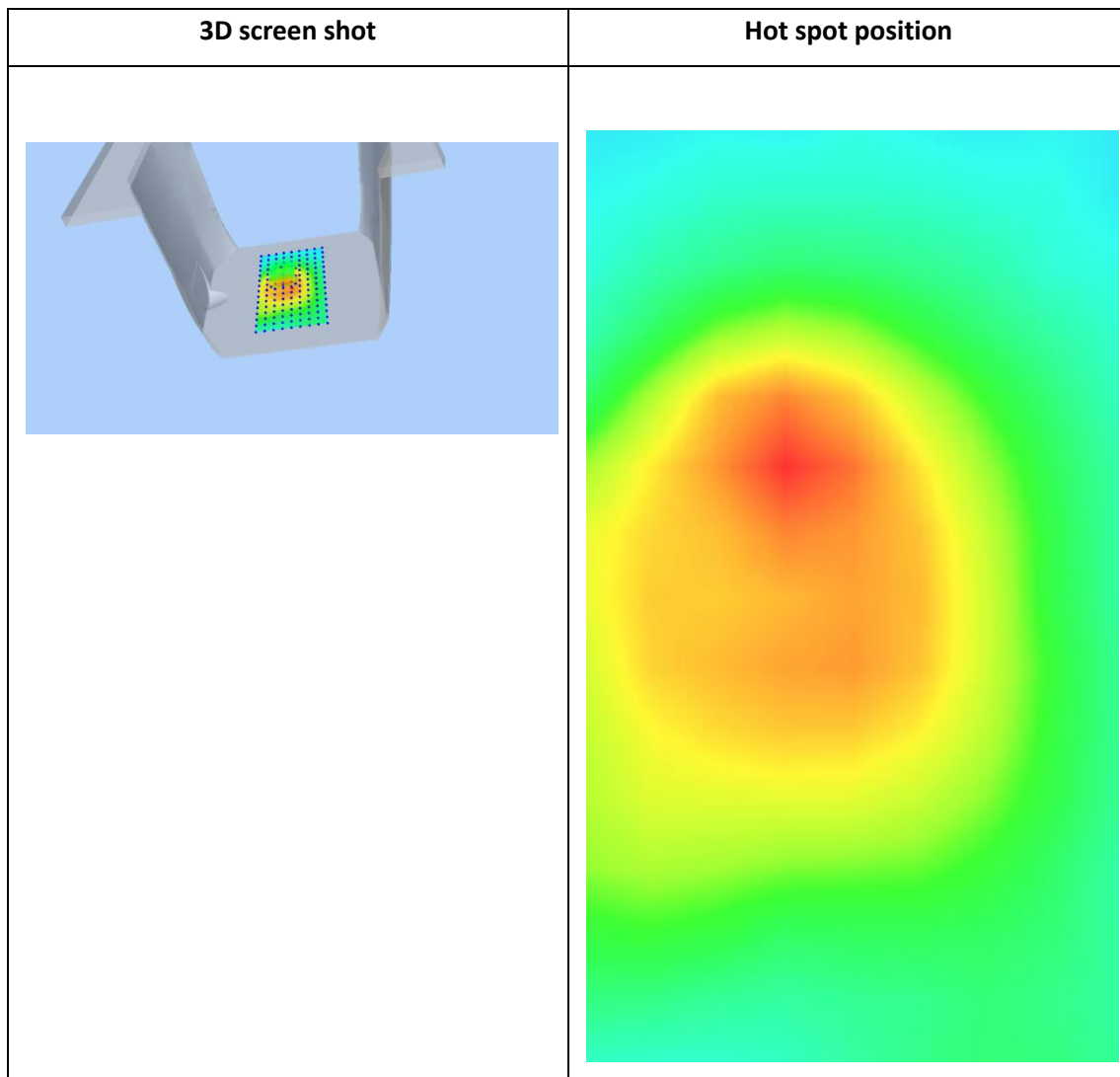
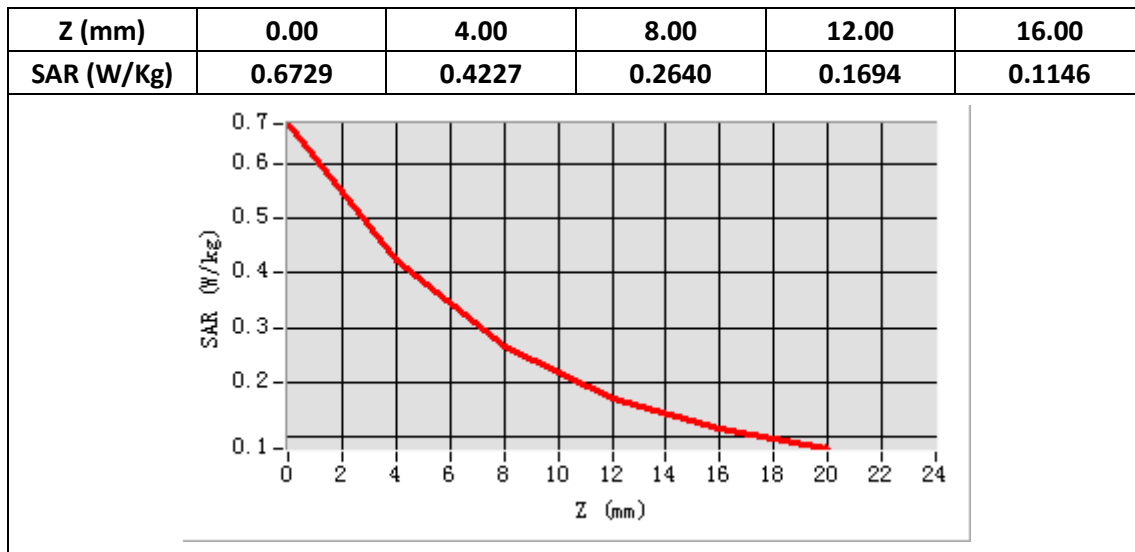
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.52
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	-2.37
ConvF:	2.22



Maximum location: X=-10.00, Y=18.00

SAR Peak: 0.67W/kg

SAR 10g (W/Kg)	0.220944
SAR 1g (W/Kg)	0.393871



Plot 15: LTE Band5, 10MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 18 seconds

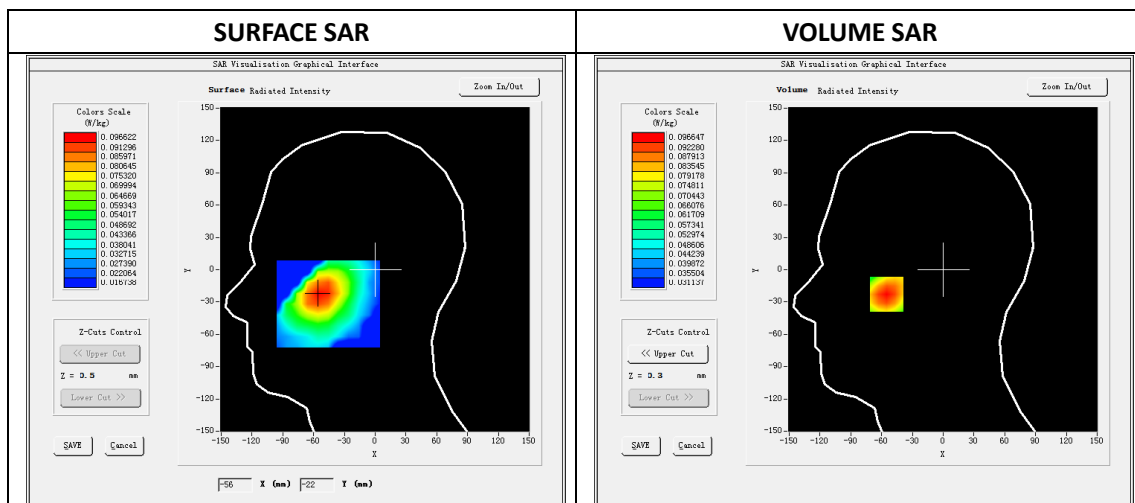
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 5
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

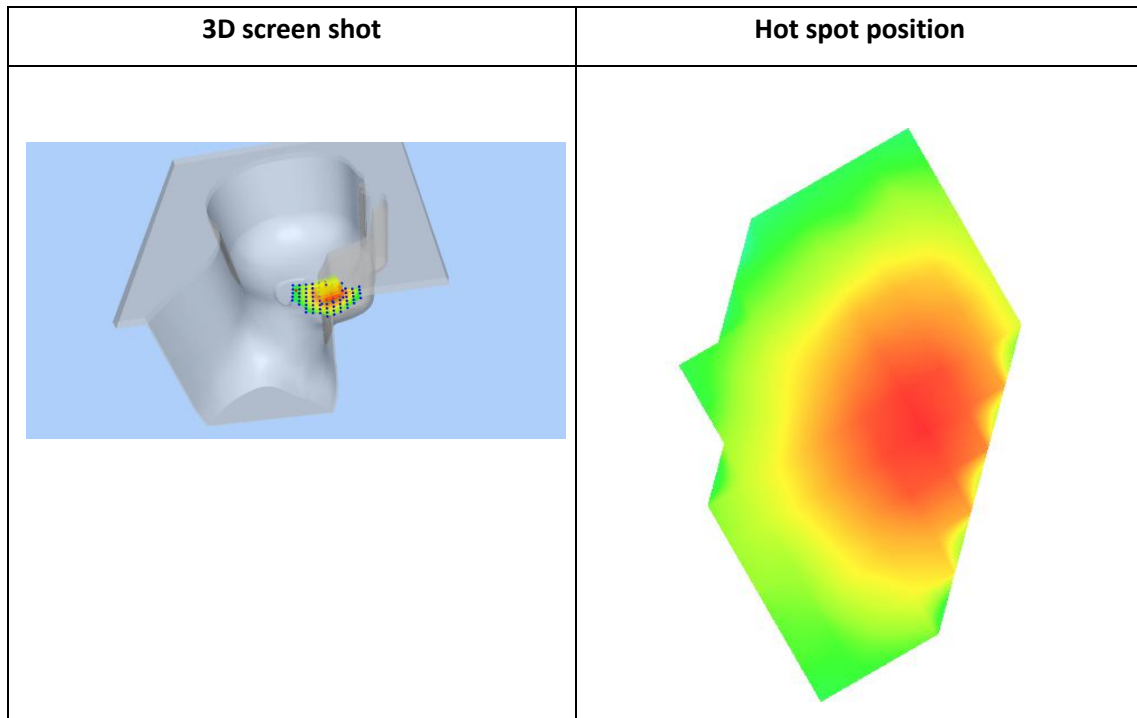
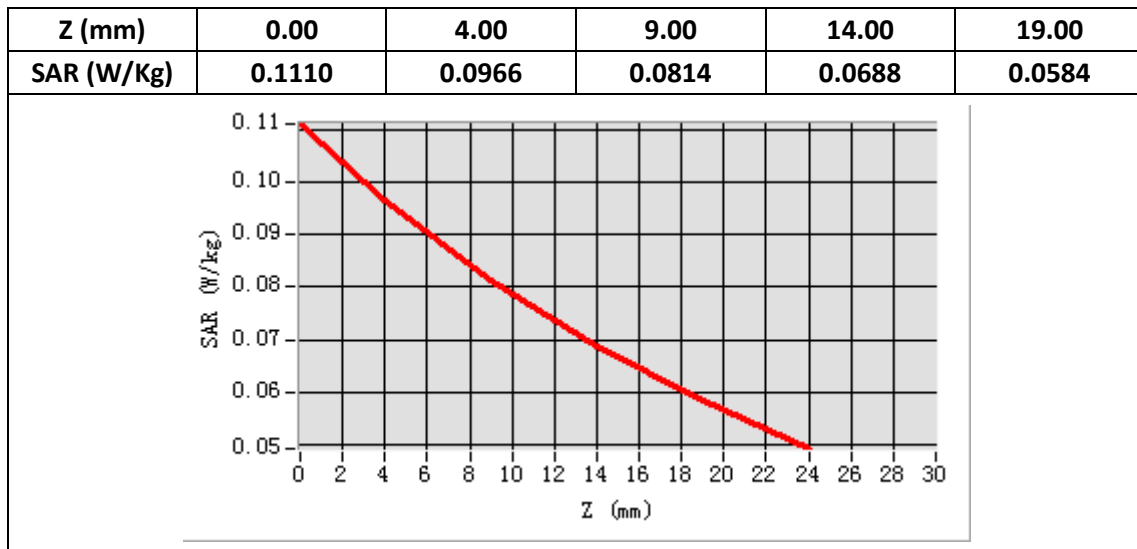
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	41.45
Relative permittivity (imaginary part)	19.27
Conductivity (S/m)	0.91
Variation (%)	3.67
ConvF:	1.92



Maximum location: X=-55.00, Y=-23.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.075097
SAR 1g (W/Kg)	0.094992



Plot 16: LTE Band5, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 17 seconds

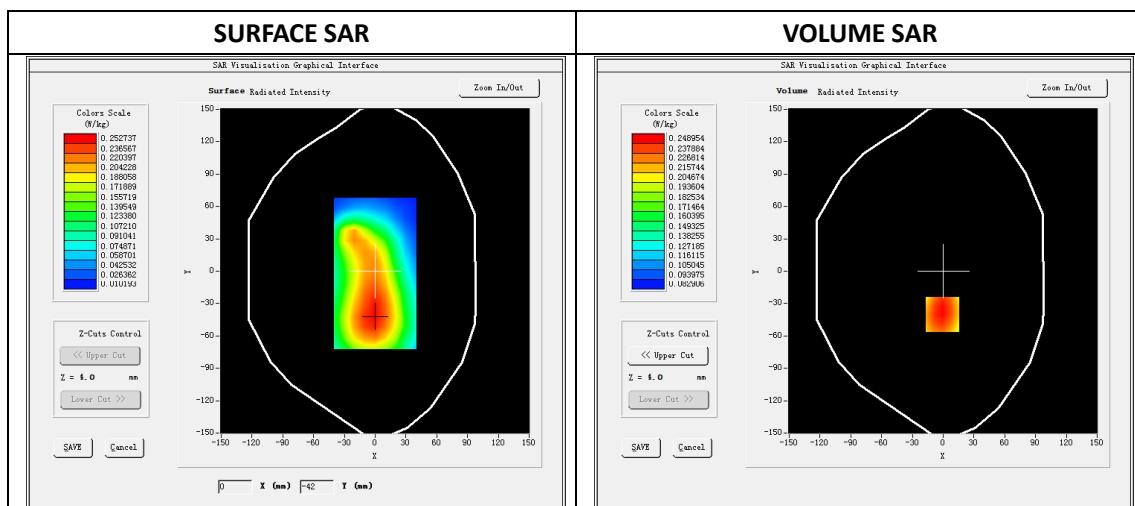
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 5
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

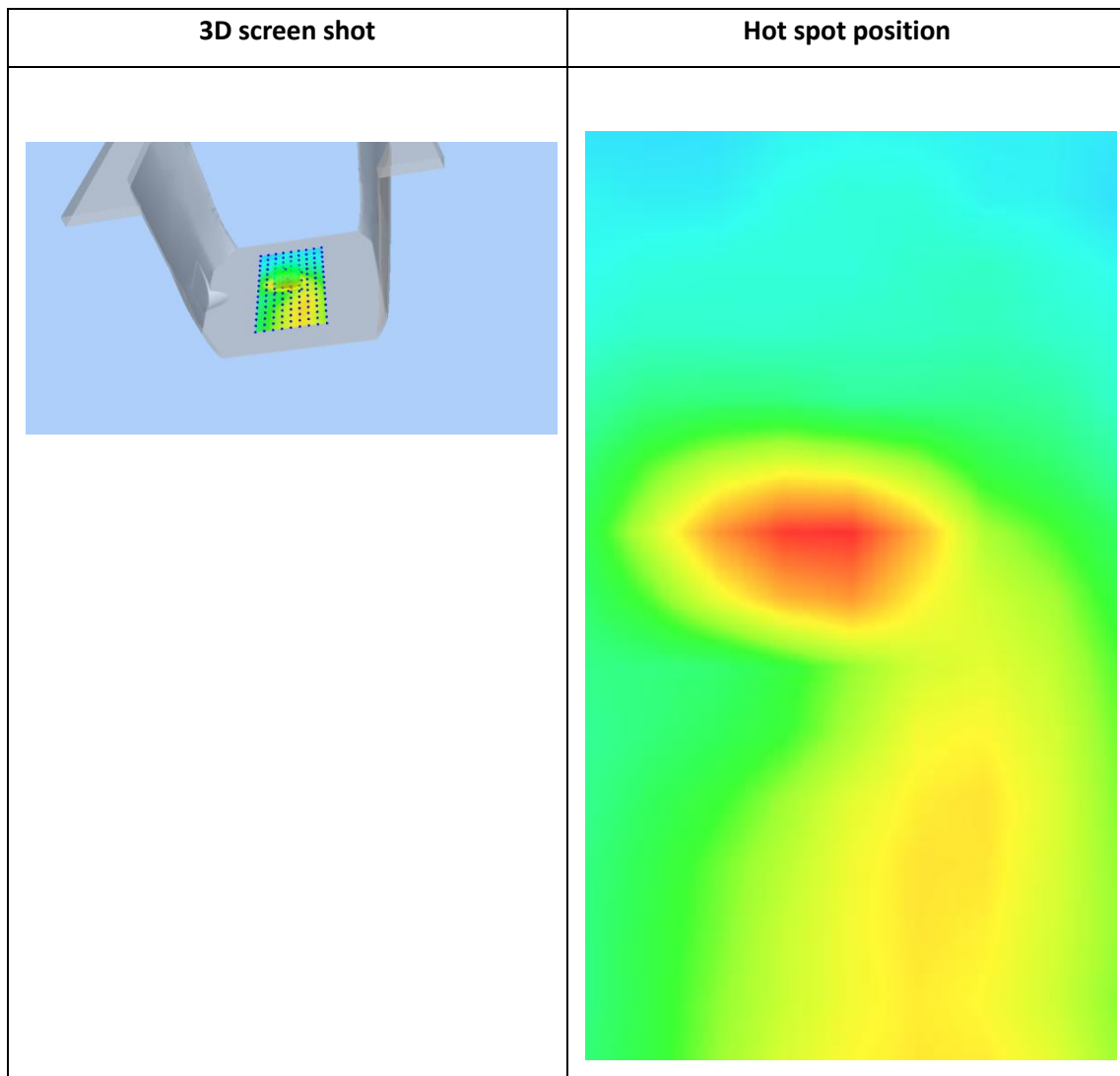
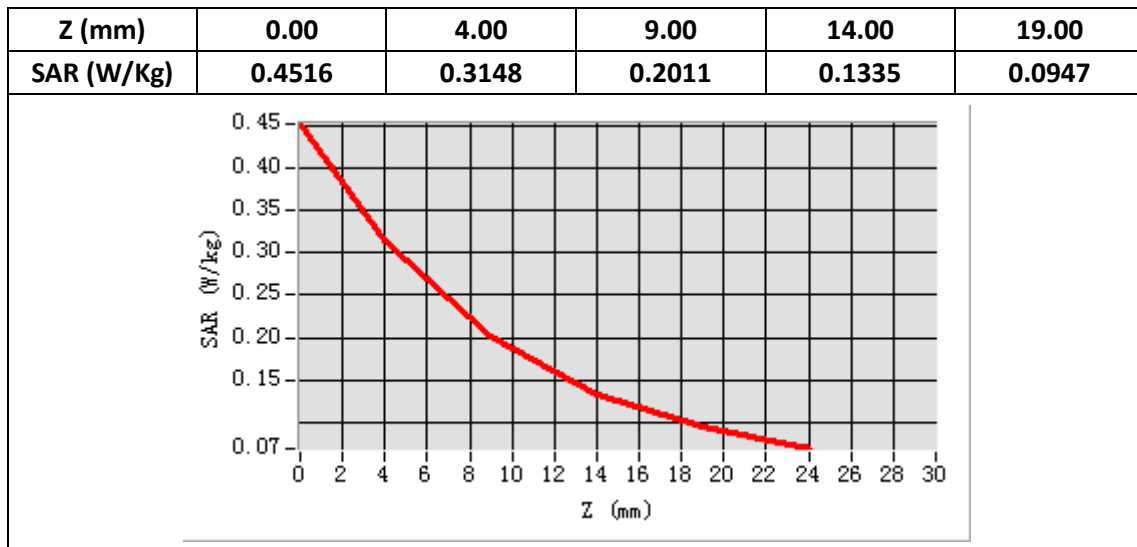
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	55.20
Relative permittivity (imaginary part)	20.48
Conductivity (S/m)	0.95
Variation (%)	-2.19
ConvF:	1.99



Maximum location: X=-3.00, Y=7.00

SAR Peak: 0.45W/kg

SAR 10g (W/Kg)	0.168384
SAR 1g (W/Kg)	0.297926



Plot 17: LTE Band7, 20MHz,Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/10/2019

Measurement duration: 22 minutes 20 seconds

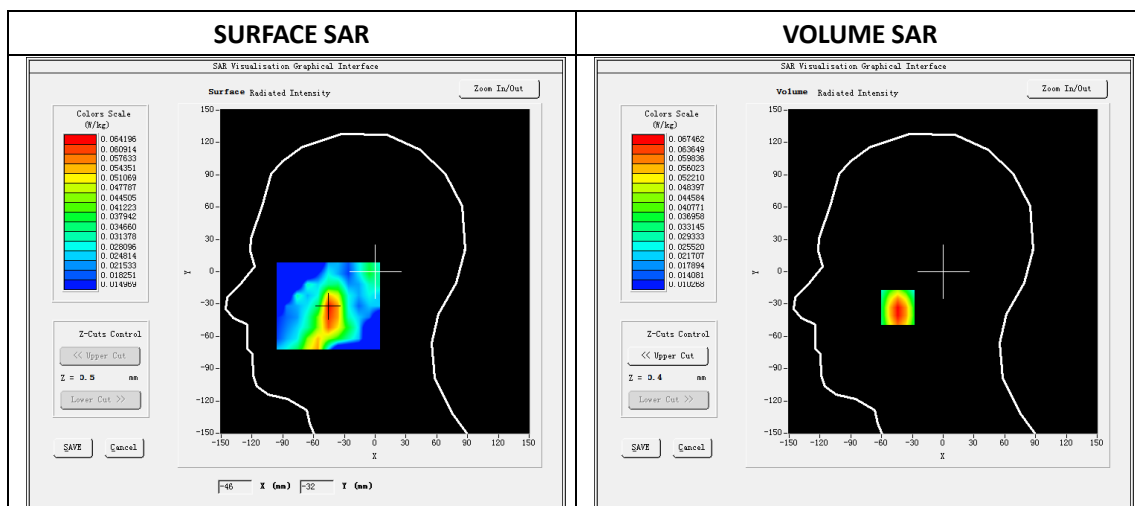
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 7
Channels	21100
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

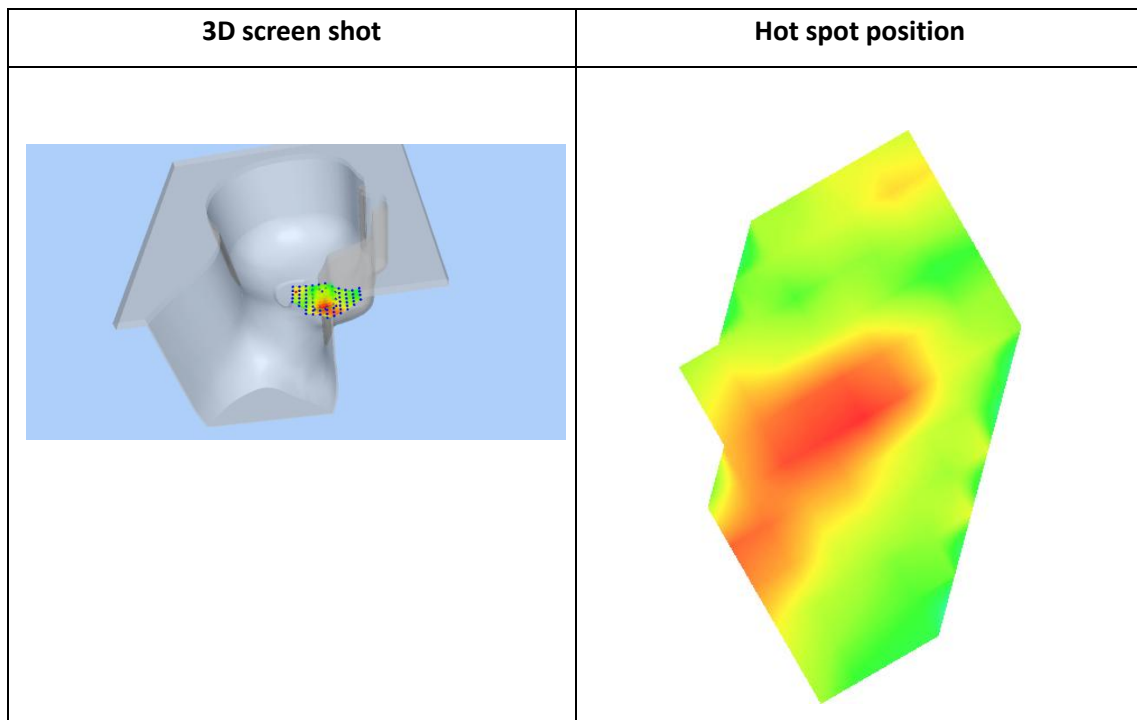
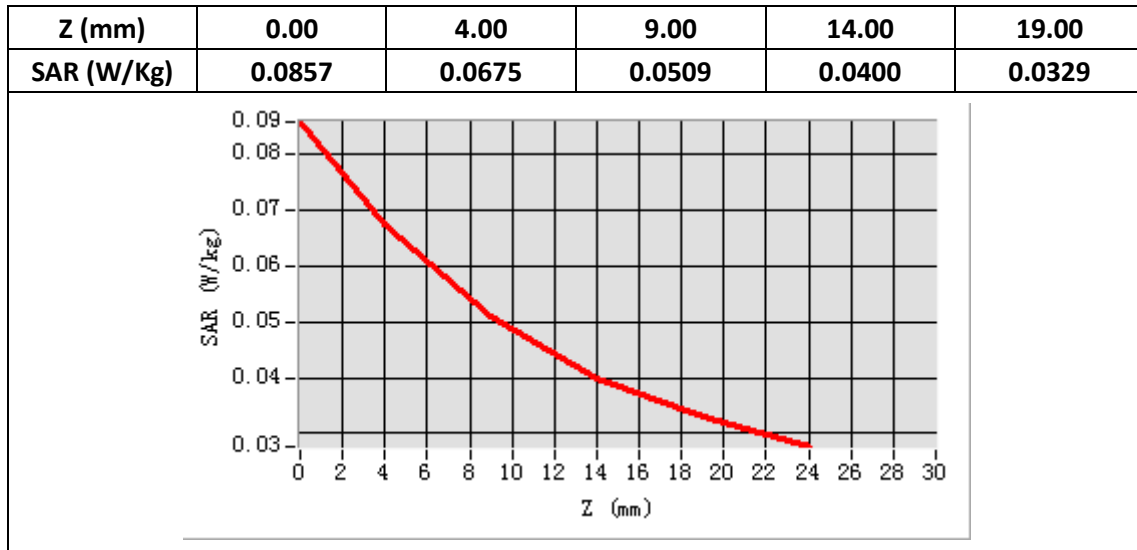
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2535
Relative permittivity (real part)	39.27
Relative permittivity (imaginary part)	13.43
Conductivity (S/m)	1.94
Variation (%)	-3.94
ConvF:	2.35



Maximum location: X=-44.00 Y=-33.00

SAR Peak: 0.09W/kg

SAR 10g (W/Kg)	0.045551
SAR 1g (W/Kg)	0.064800



Plot 18: LTE Band7, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/10/2019

Measurement duration: 22 minutes 22 seconds

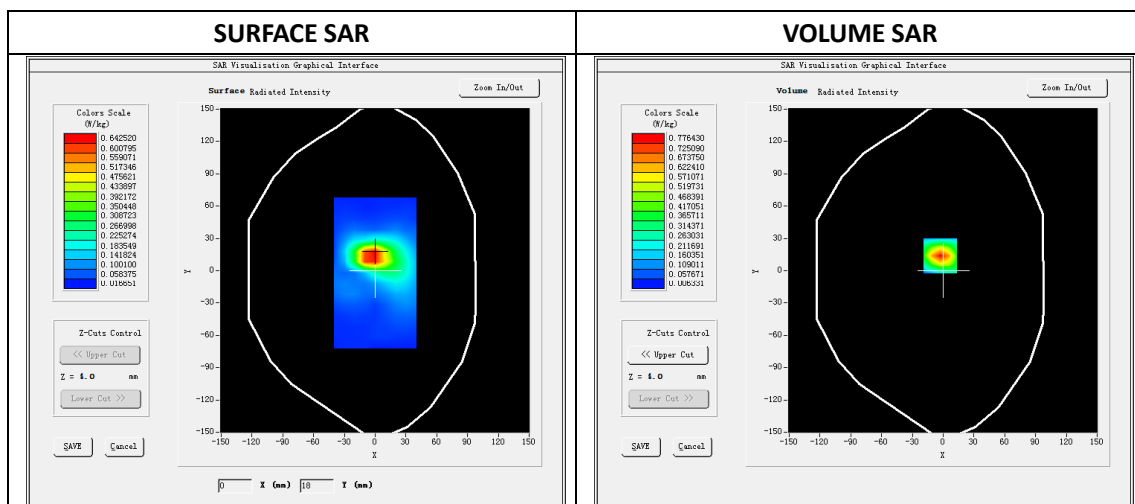
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 7
Channels	21100
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

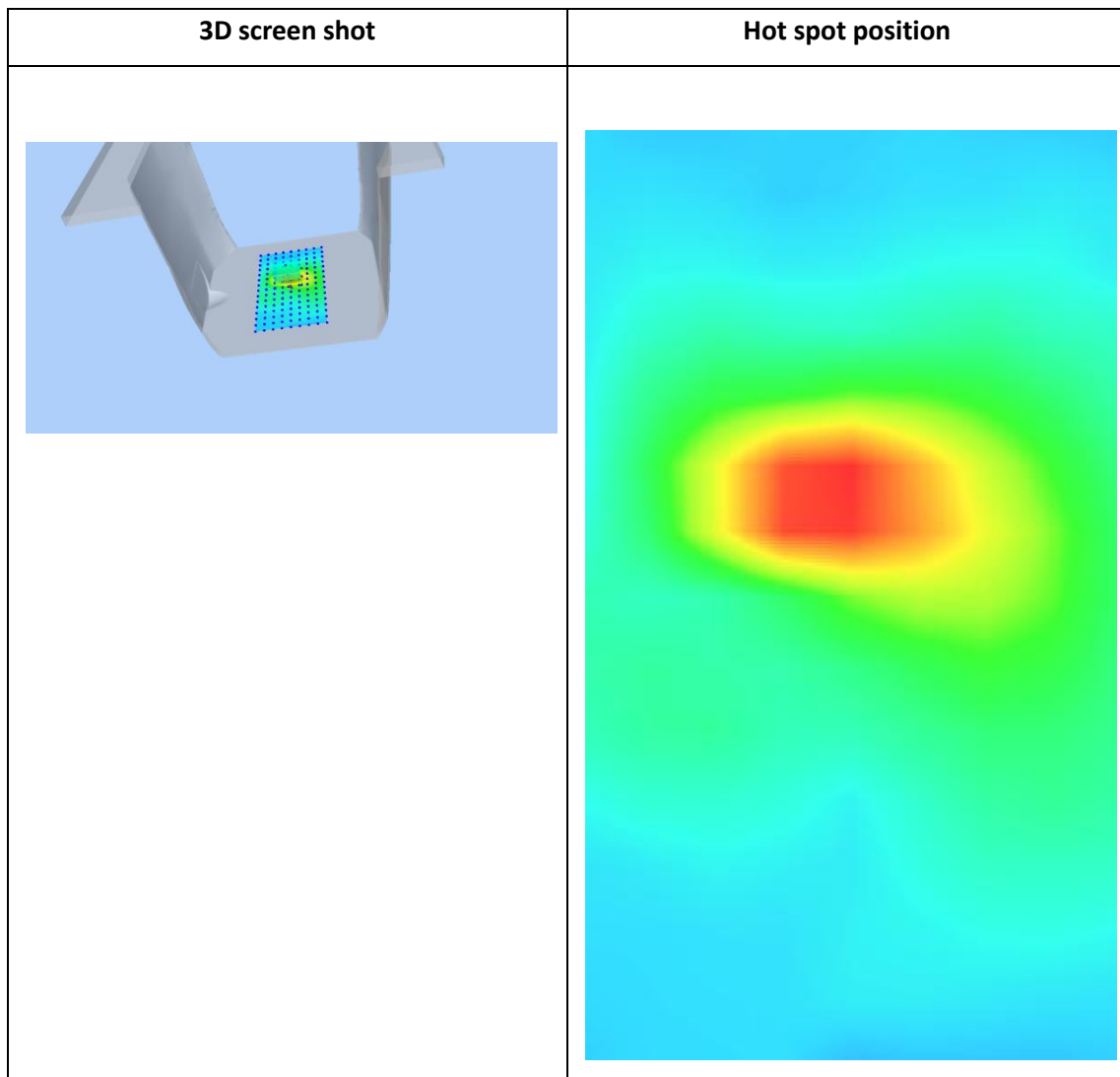
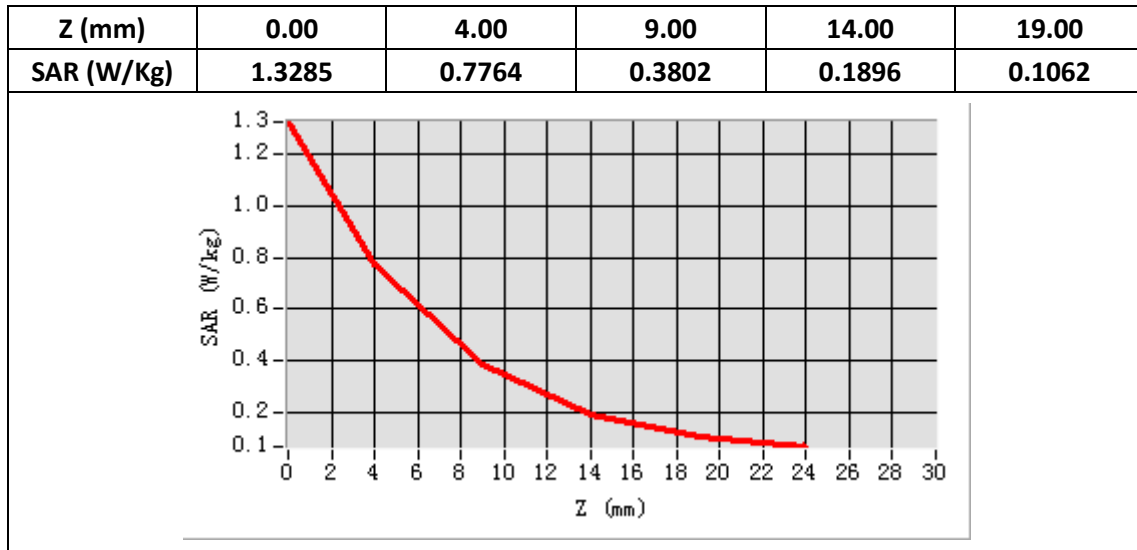
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2535
Relative permittivity (real part)	52.81
Relative permittivity (imaginary part)	14.88
Conductivity (S/m)	2.15
Variation (%)	-2.83
ConvF:	2.43



Maximum location: X=-3.00 Y=14.00

SAR Peak: 1.33 W/kg

SAR 10g (W/Kg)	0.330090
SAR 1g (W/Kg)	0.706995



Plot 19: LTE Band12, 10MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 07/03/2019

Measurement duration: 22 minutes 23 seconds

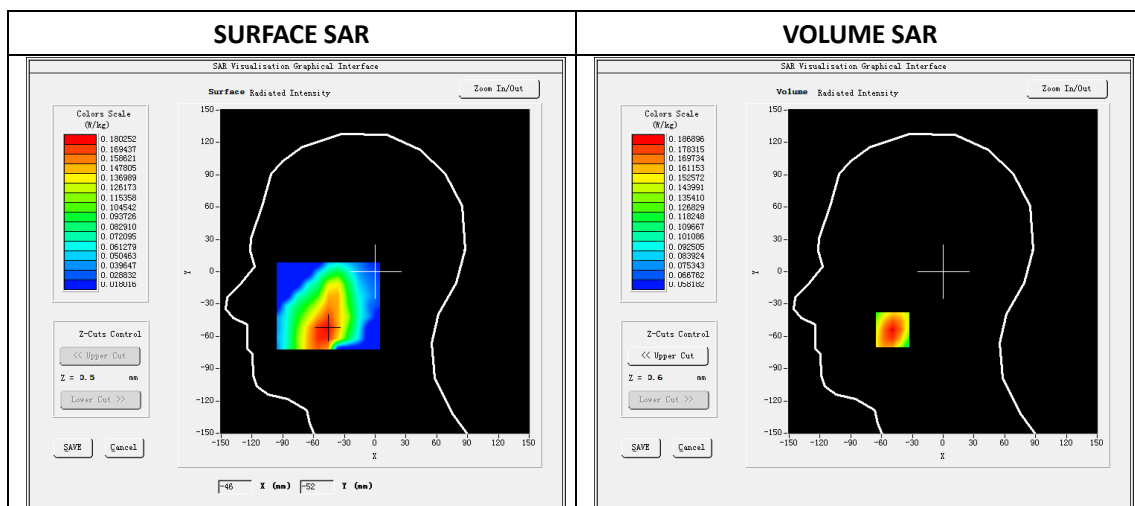
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	LTE Band 12
Channels	23095
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

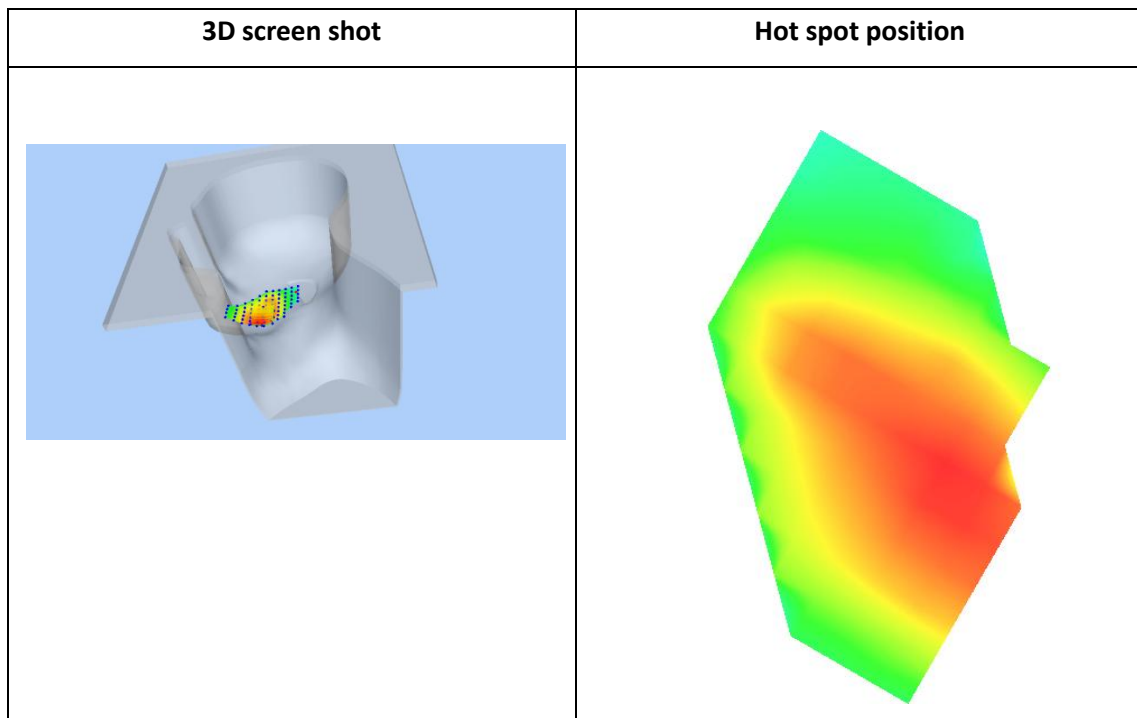
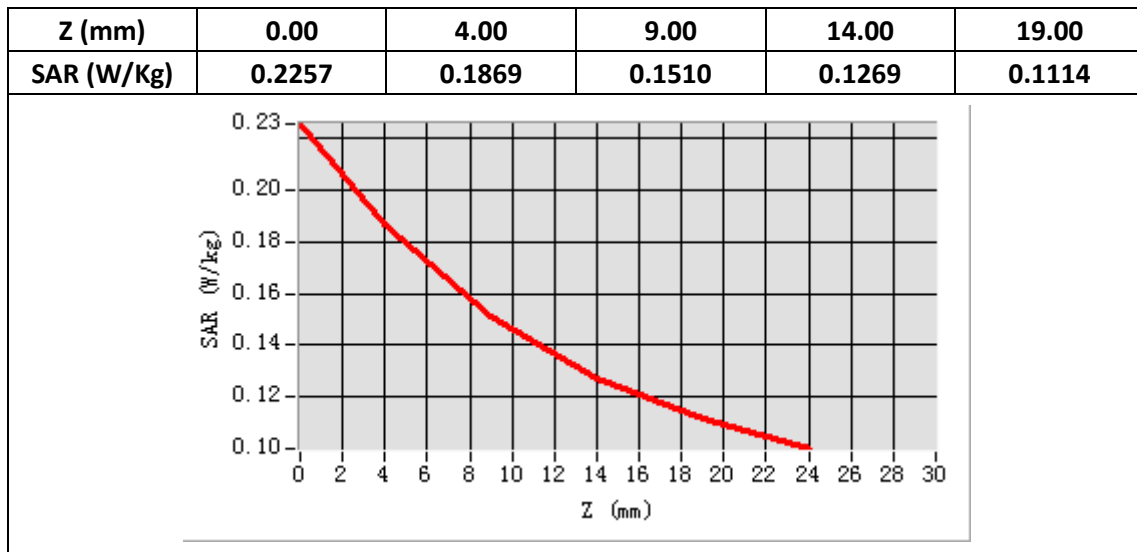
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	707.5
Relative permittivity (real part)	41.62
Relative permittivity (imaginary part)	22.08
Conductivity (S/m)	0.92
Variation (%)	-3.67
ConvF:	1.87



Maximum location: X=-49.00, Y=-54.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.143962
SAR 1g (W/Kg)	0.184393



Plot 20: LTE Band12, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/03/2019

Measurement duration: 22 minutes 21 seconds

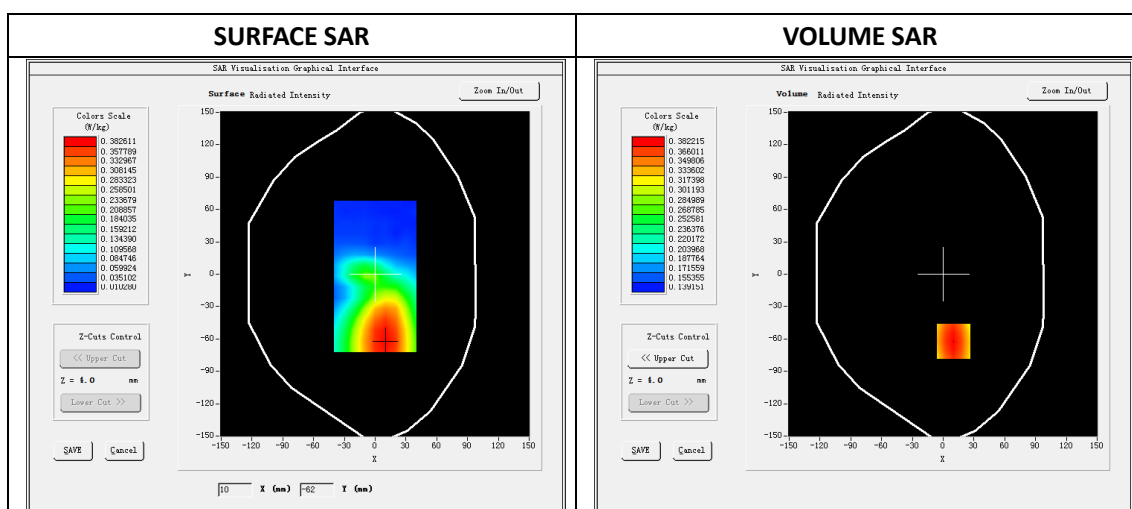
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 12
Channels	23095
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

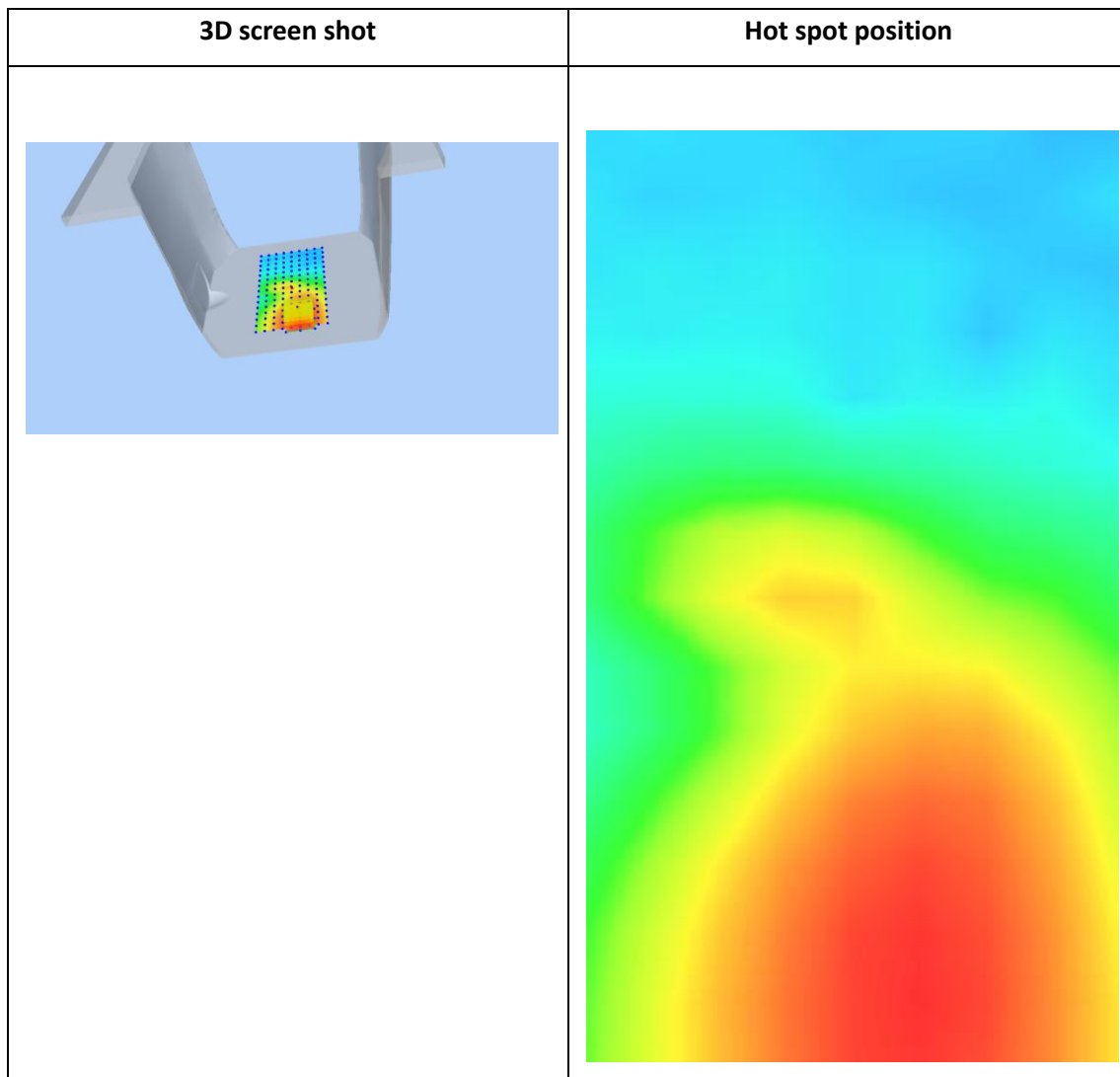
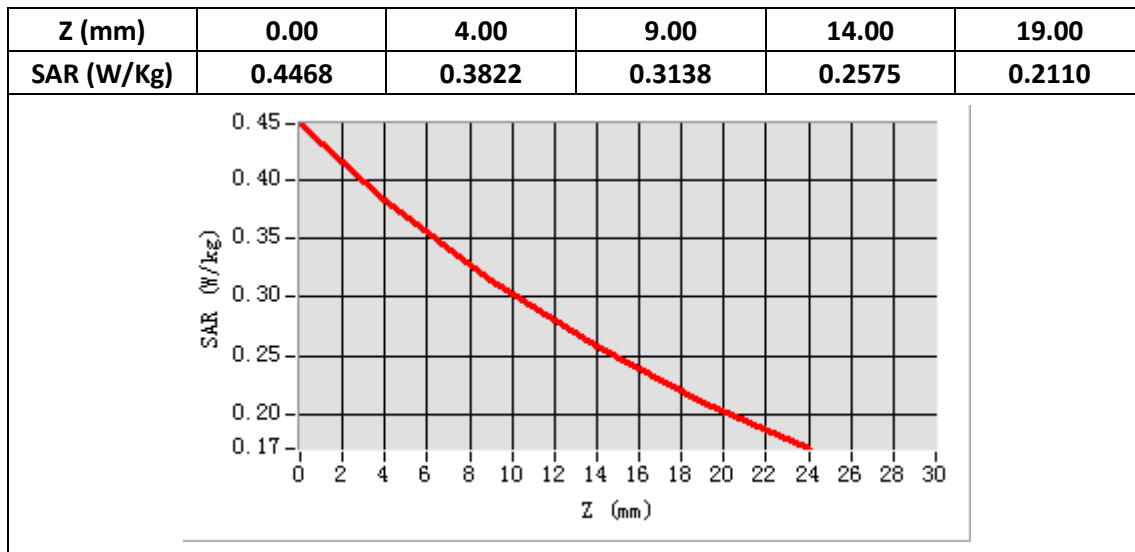
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	707.5
Relative permittivity (real part)	55.49
Relative permittivity (imaginary part)	23.04
Conductivity (S/m)	0.96
Variation (%)	-0.67
ConvF:	1.93



Maximum location: X=10.00, Y=-62.00

SAR Peak: 0.45W/kg

SAR 10g (W/Kg)	0.297033
SAR 1g (W/Kg)	0.378891



Plot 21: LTE Band17, 10MHz,Right Check, Middle

Type: Phone measurement

Date of measurement: 07/03/2019

Measurement duration: 22 minutes 25 seconds

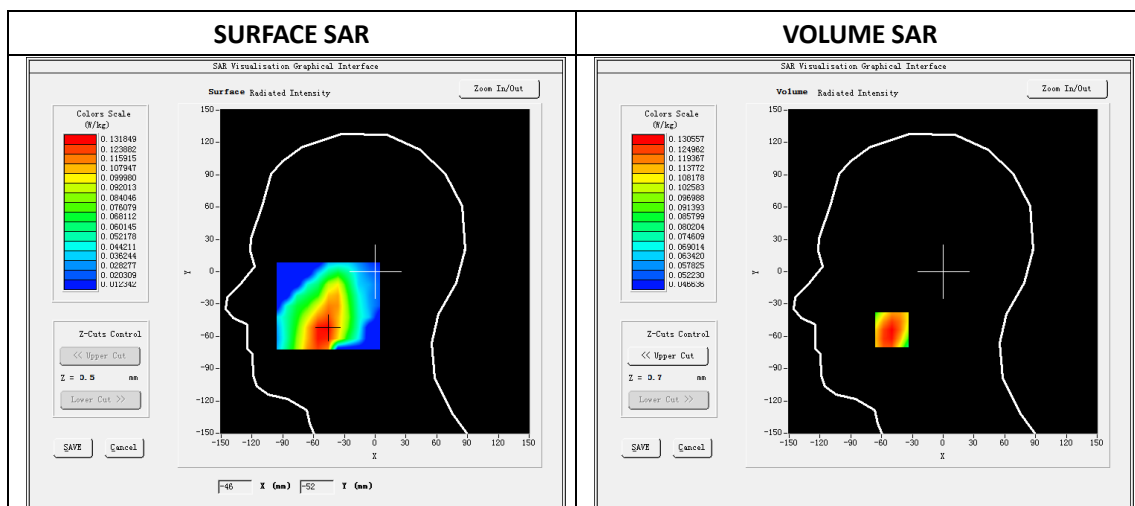
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Check
Band	LTE Band 17
Channels	23790
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

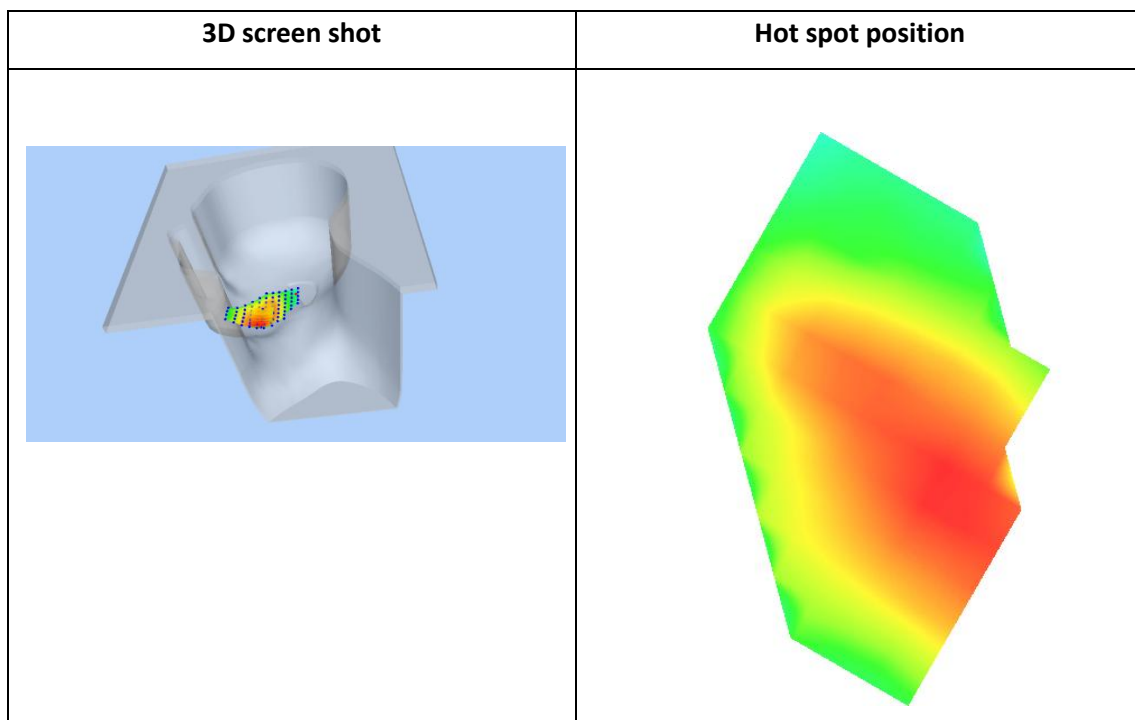
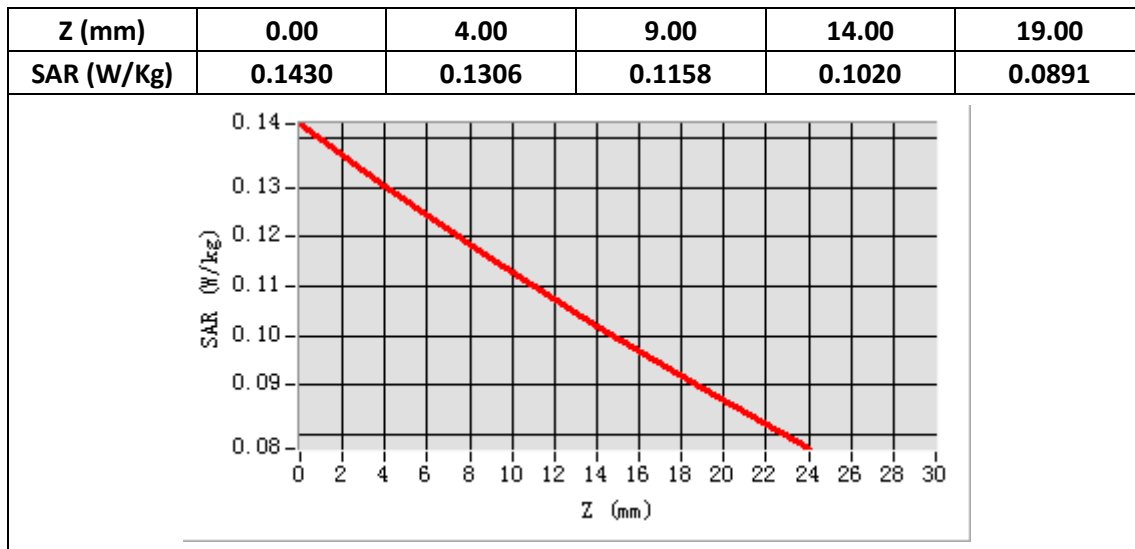
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	710
Relative permittivity (real part)	41.62
Relative permittivity (imaginary part)	22.08
Conductivity (S/m)	0.92
Variation (%)	-4.26
ConvF:	1.87



Maximum location: X=-50.00, Y=-54.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.106499
SAR 1g (W/Kg)	0.127708



Plot 22: LTE Band17, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/03/2019

Measurement duration: 22 minutes 24 seconds

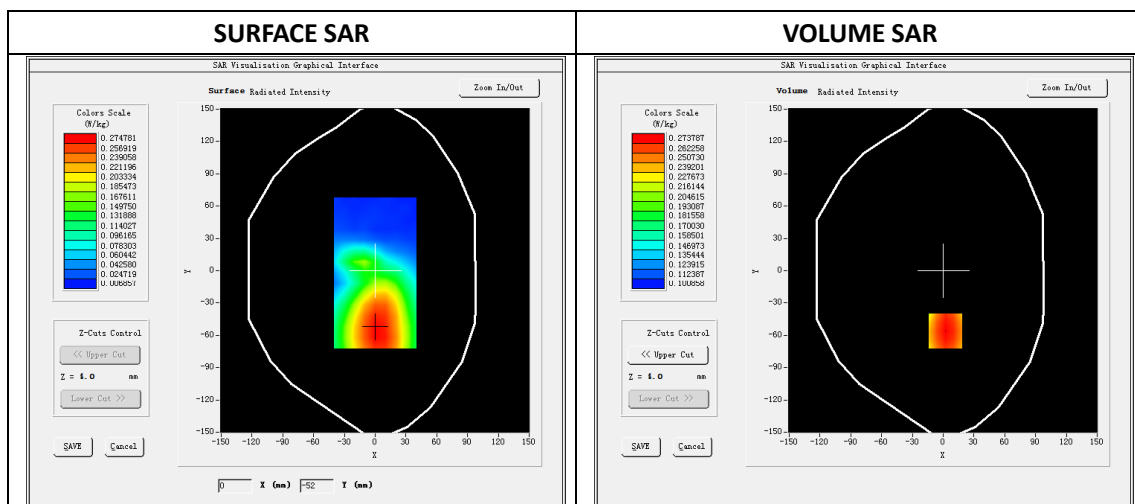
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 17
Channels	23790
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

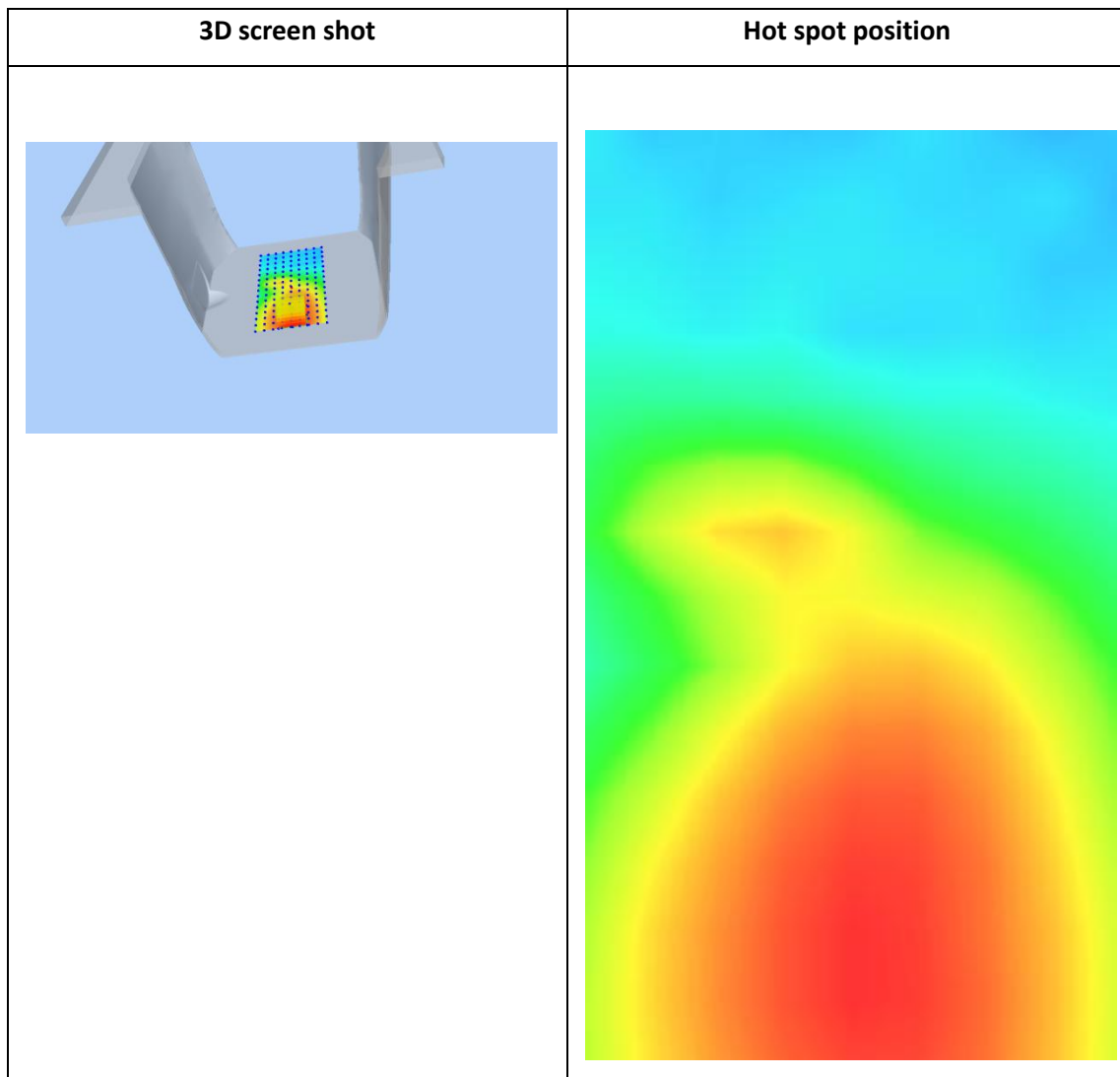
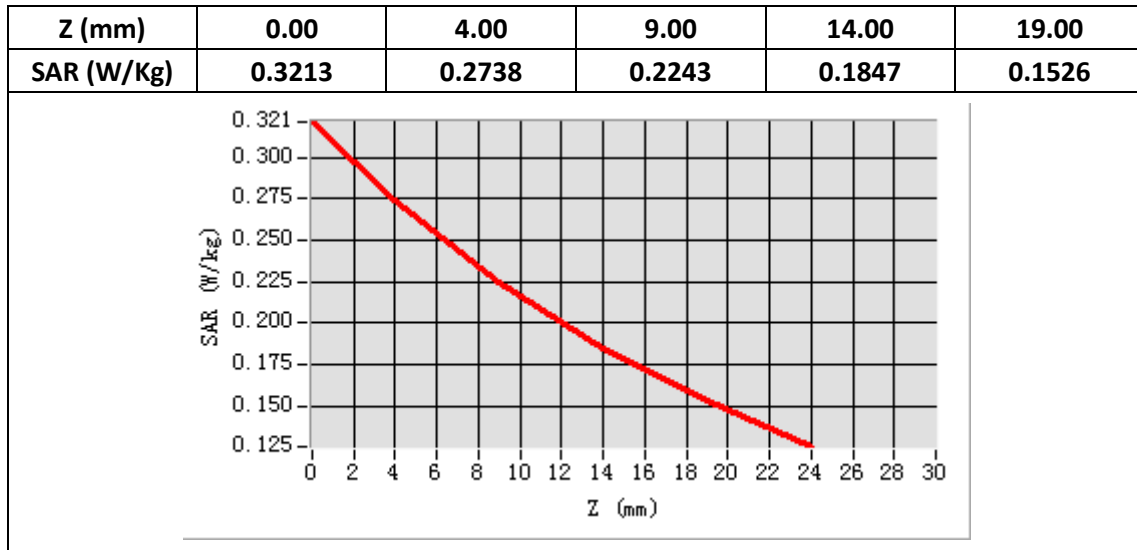
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	710
Relative permittivity (real part)	55.49
Relative permittivity (imaginary part)	23.04
Conductivity (S/m)	0.96
Variation (%)	-1.61
ConvF:	1.93



Maximum location: X=2.00, Y=-56.00

SAR Peak: 0.32W/kg

SAR 10g (W/Kg)	0.211212
SAR 1g (W/Kg)	0.266287



Plot 23: LTE Band25, 20MHz,Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 28 seconds

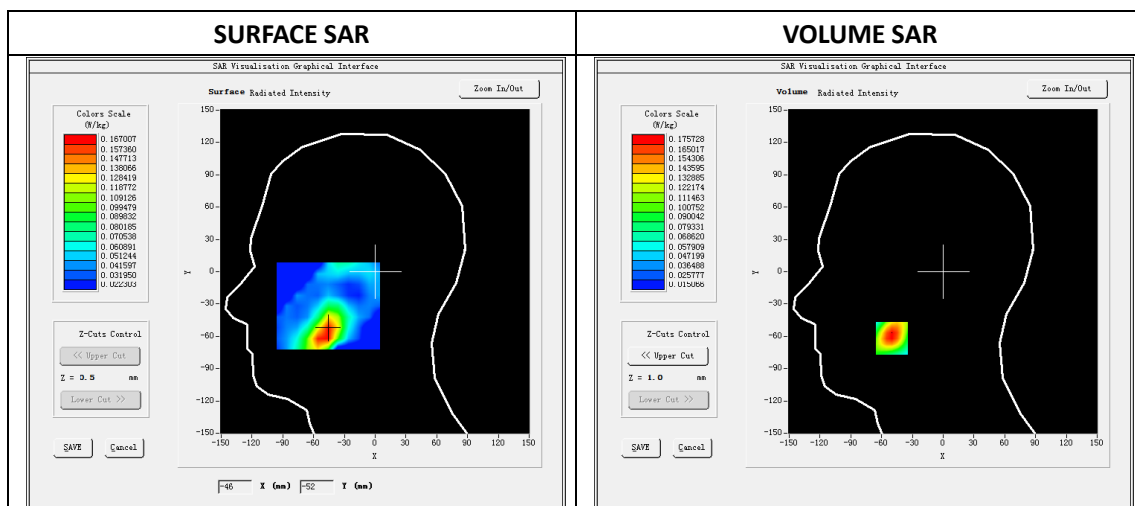
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 25
Channels	26365
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

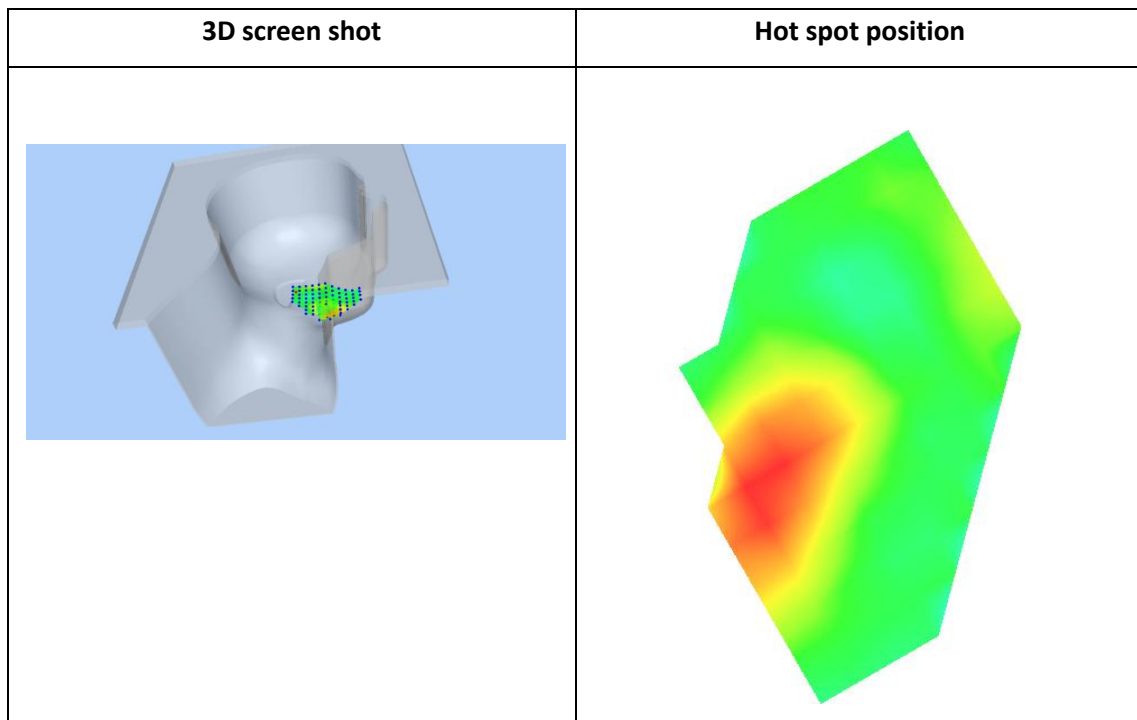
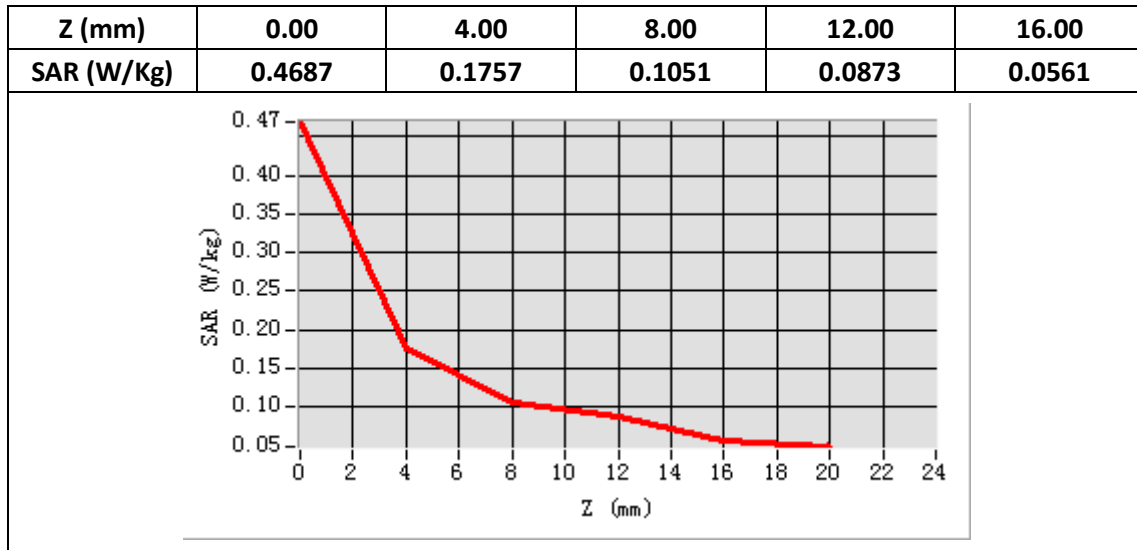
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1882.5
Relative permittivity (real part)	40.35
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	-4.85
ConvF:	2.34



Maximum location: X=-50.00, Y=-62.00

SAR Peak: 0.26W/kg

SAR 10g (W/Kg)	0.098947
SAR 1g (W/Kg)	0.168130



Plot 24: LTE Band25, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 27 seconds

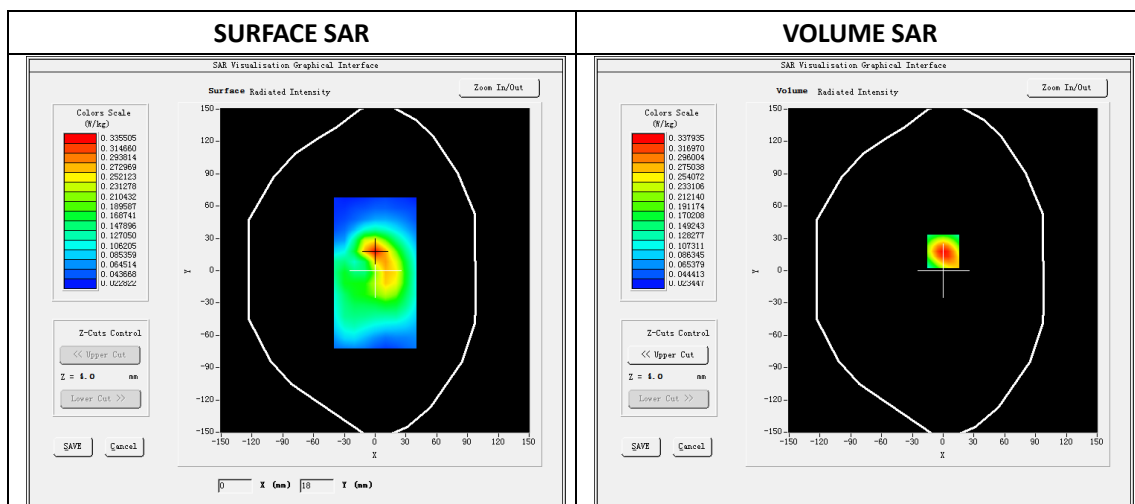
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 25
Channels	26365
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

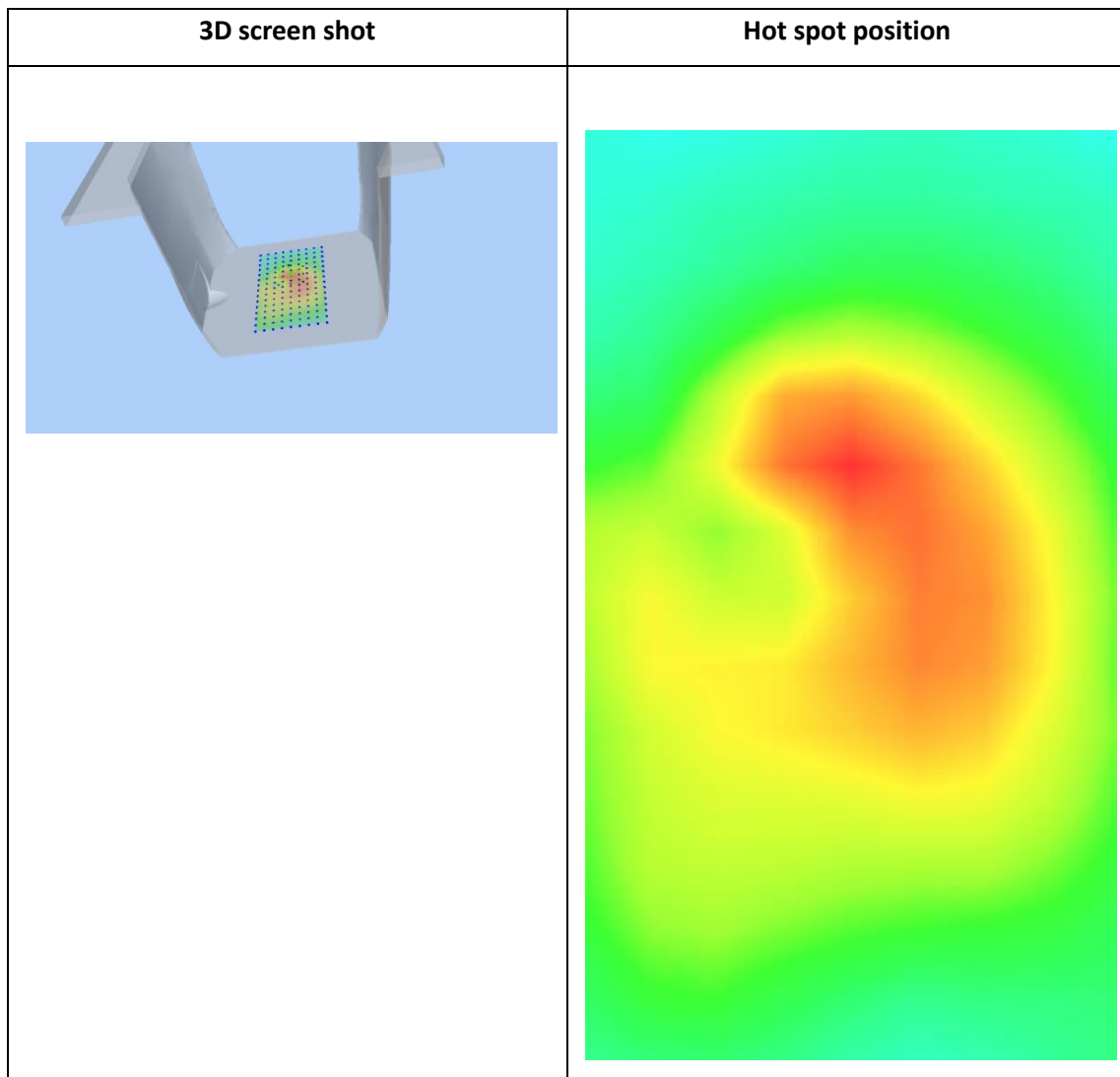
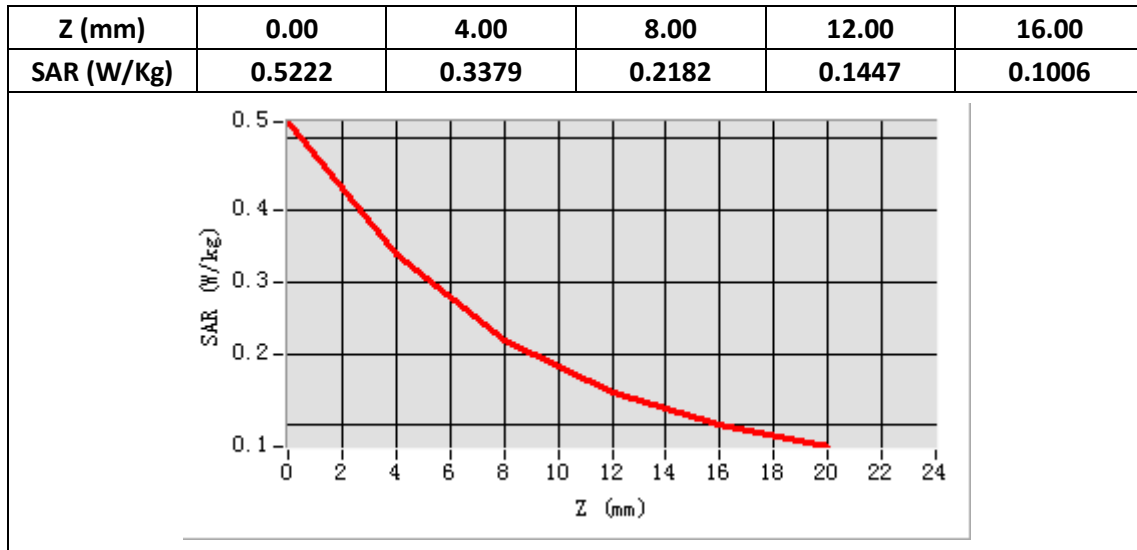
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1882.5
Relative permittivity (real part)	53.24
Relative permittivity (imaginary part)	14.31
Conductivity (S/m)	1.51
Variation (%)	-1.25
ConvF:	2.39



Maximum location: X=0.00, Y=18.00

SAR Peak: 0.52W/kg

SAR 10g (W/Kg)	0.186836
SAR 1g (W/Kg)	0.334486



Plot 25: LTE Band66, 20MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 07/05/2019

Measurement duration: 22 minutes 29 seconds

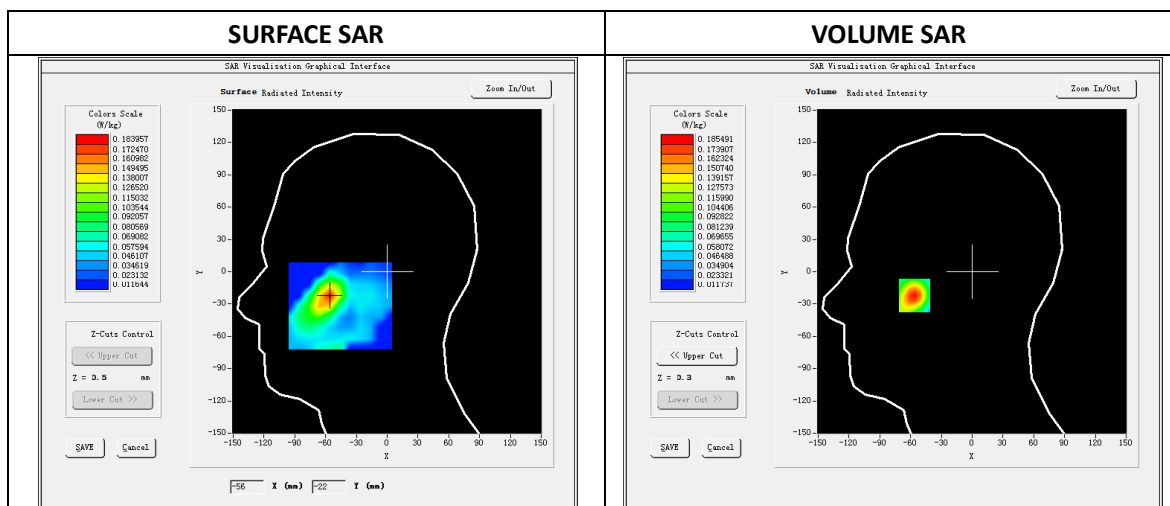
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	LTE Band 66
Channels	132197
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

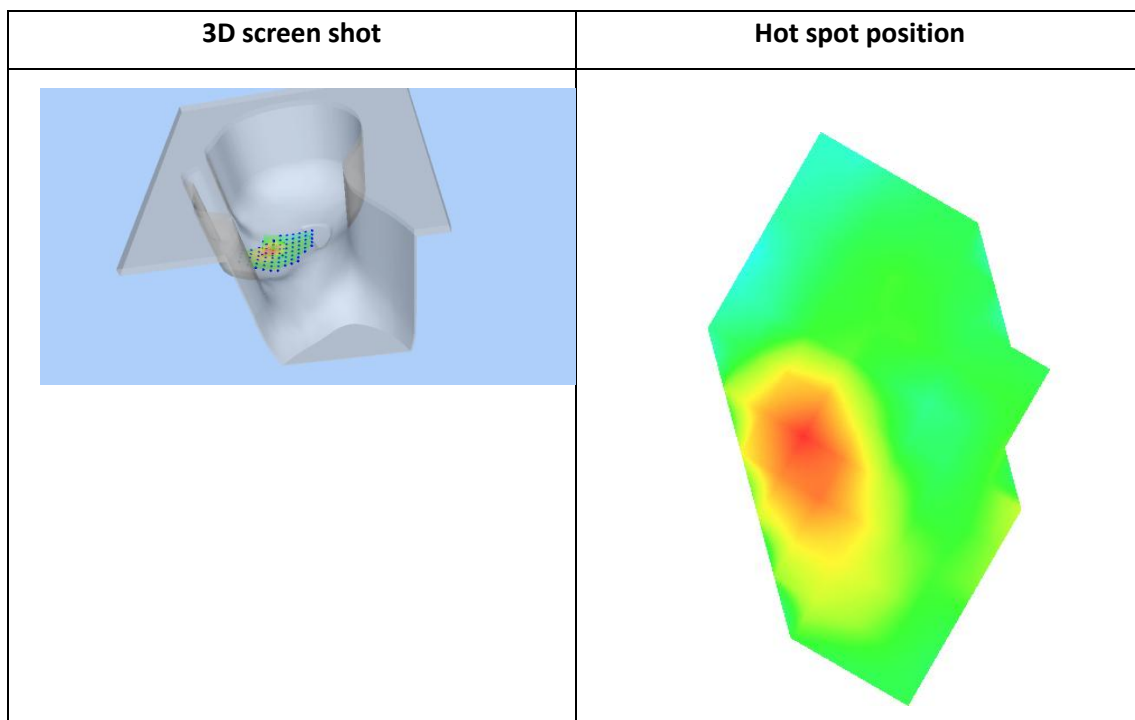
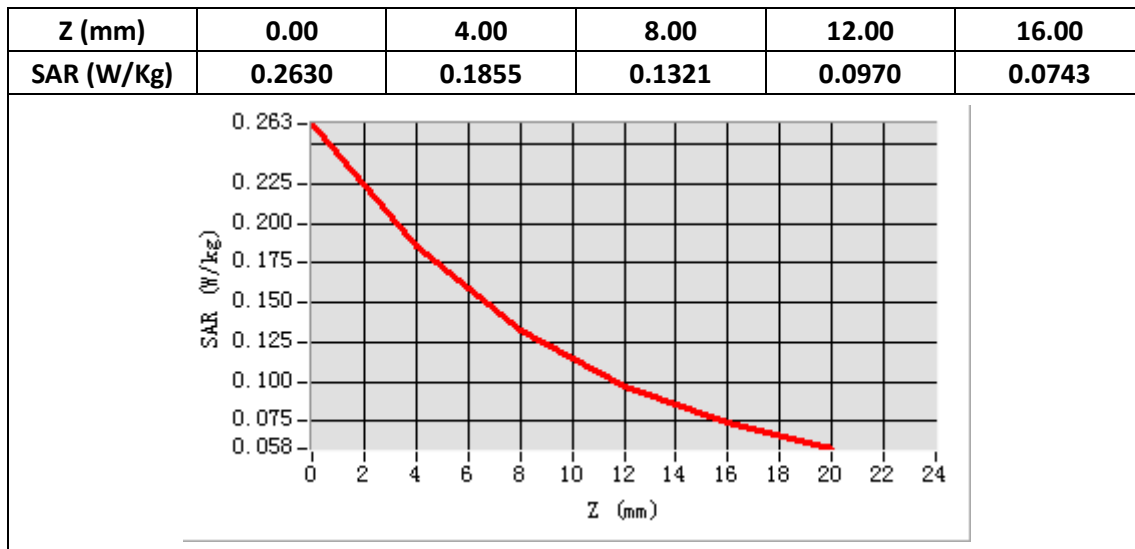
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	40.60
Relative permittivity (imaginary part)	13.80
Conductivity (S/m)	1.38
Variation (%)	-1.80
ConvF:	2.14



Maximum location: X=-56.00, Y=-22.00

SAR Peak: 0.26W/kg

SAR 10g (W/Kg)	0.103582
SAR 1g (W/Kg)	0.173336



Plot 26: LTE Band66, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 07/05/2019

Measurement duration: 22 minutes 30 seconds

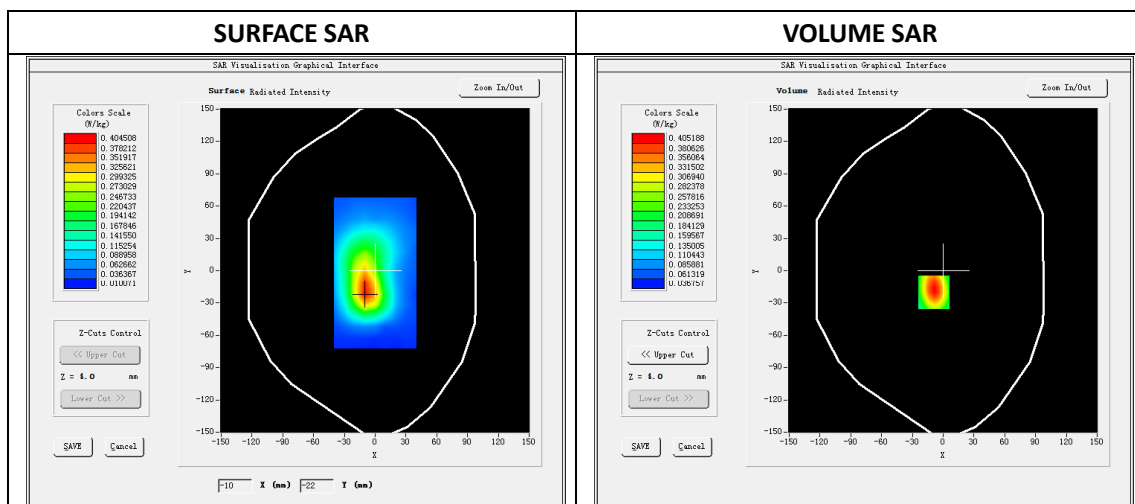
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 66
Channels	132197
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

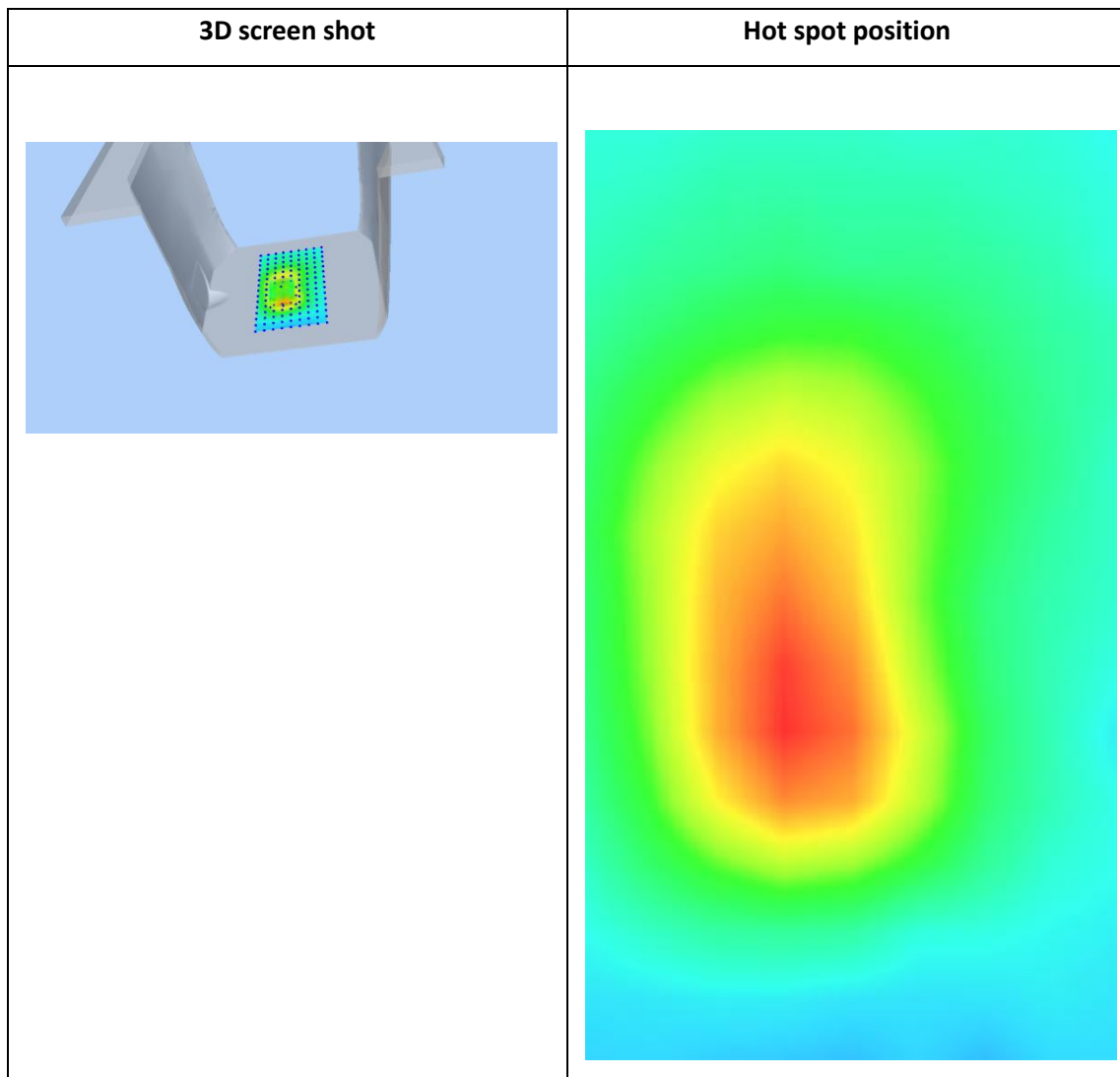
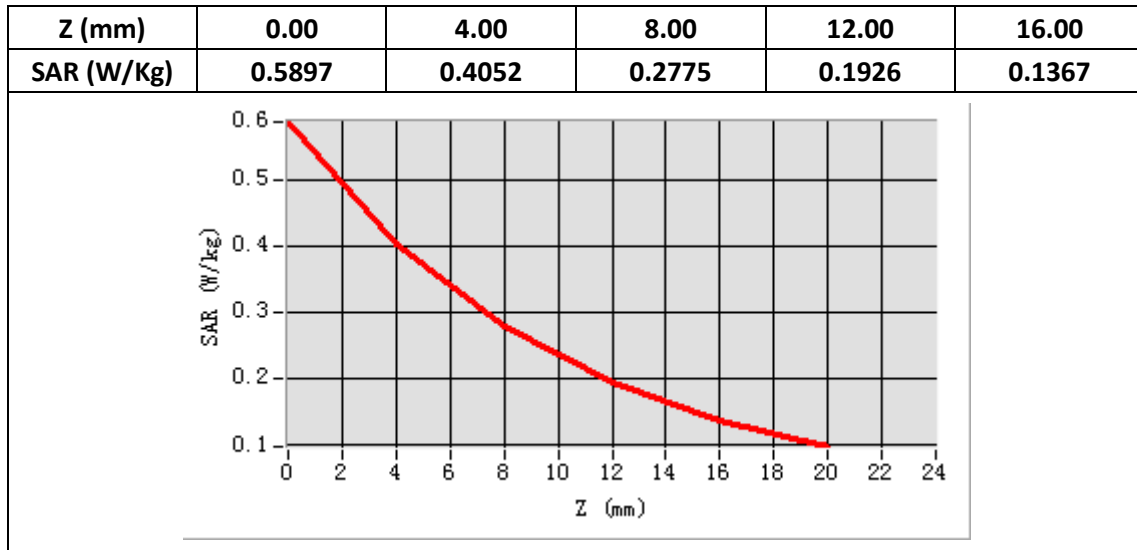
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.52
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	-0.46
ConvF:	2.22



Maximum location: X=-9.00, Y=-20.00

SAR Peak: 0.59W/kg

SAR 10g (W/Kg)	0.224424
SAR 1g (W/Kg)	0.380014



Plot 27: Wi-Fi 802.11b Right Cheek, Middle

Type: Phone measurement

Date of measurement: 07/09/2019

Measurement duration: 22 minutes 31 seconds

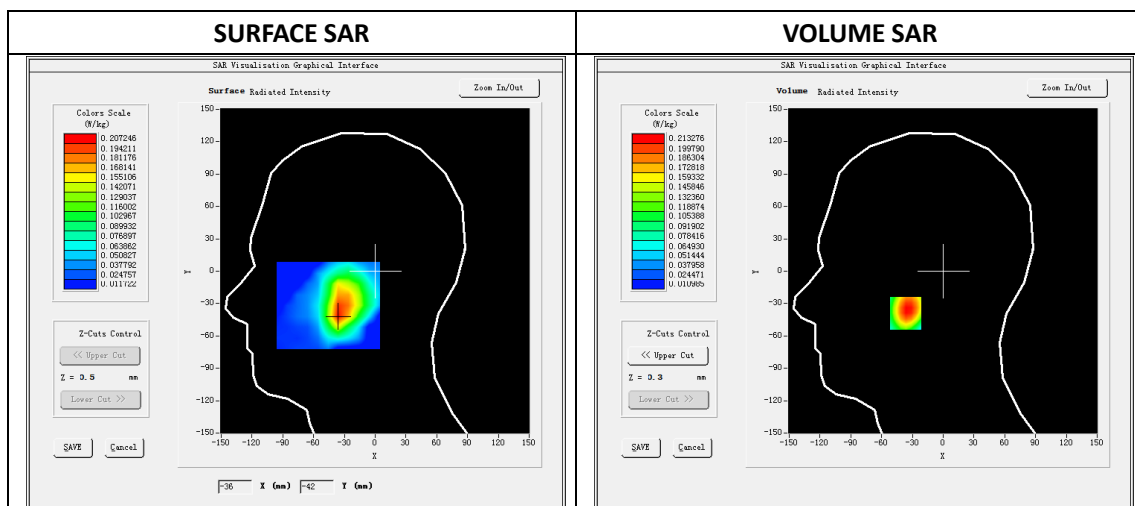
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Right Cheek
Band	WIFI
Channels	6
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

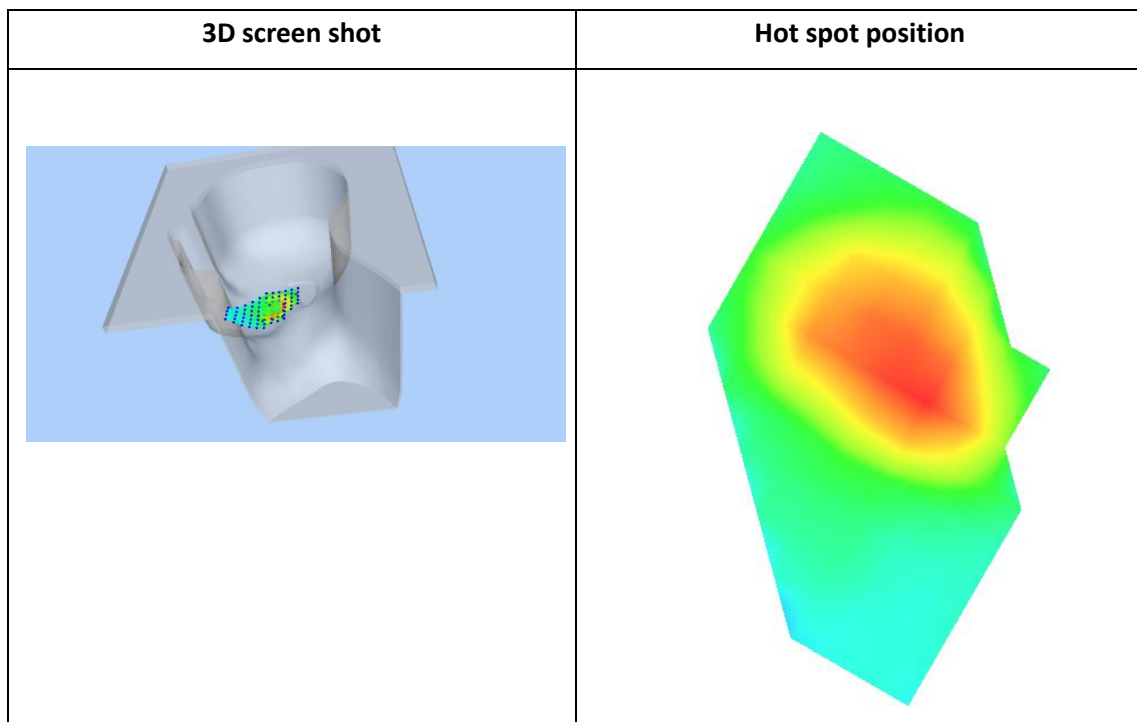
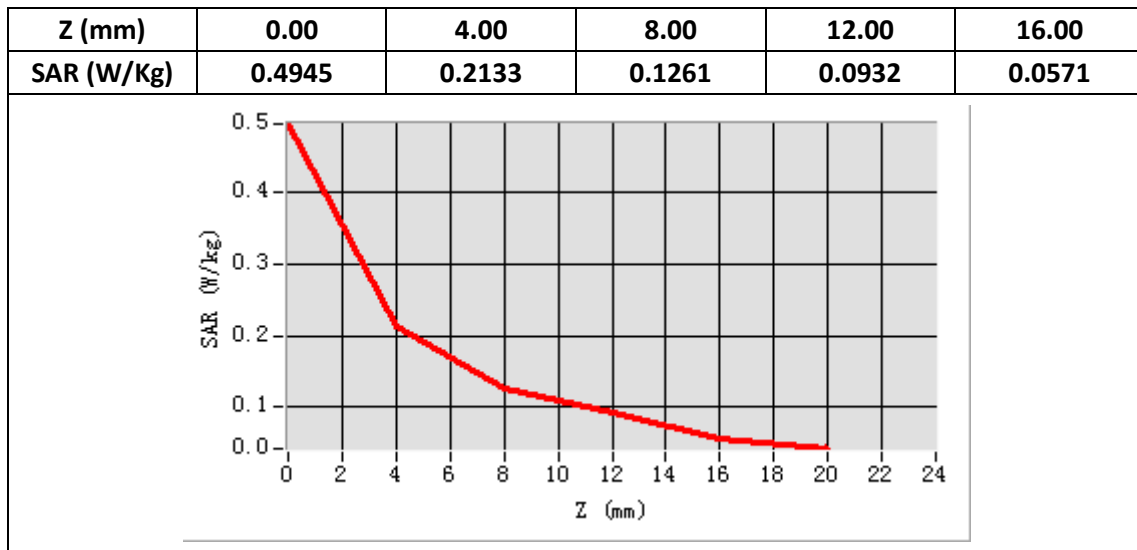
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	39.56
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.81
Variation (%)	-2.73
ConvF:	2.37



Maximum location: X=-34.00 Y=-39.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.115481
SAR 1g (W/Kg)	0.202213



Plot 28: Wi-Fi 802.11b, Back ,Middle, 10mm

Type: Phone measurement

Date of measurement: 07/09/2019

Measurement duration: 22 minutes 32 seconds

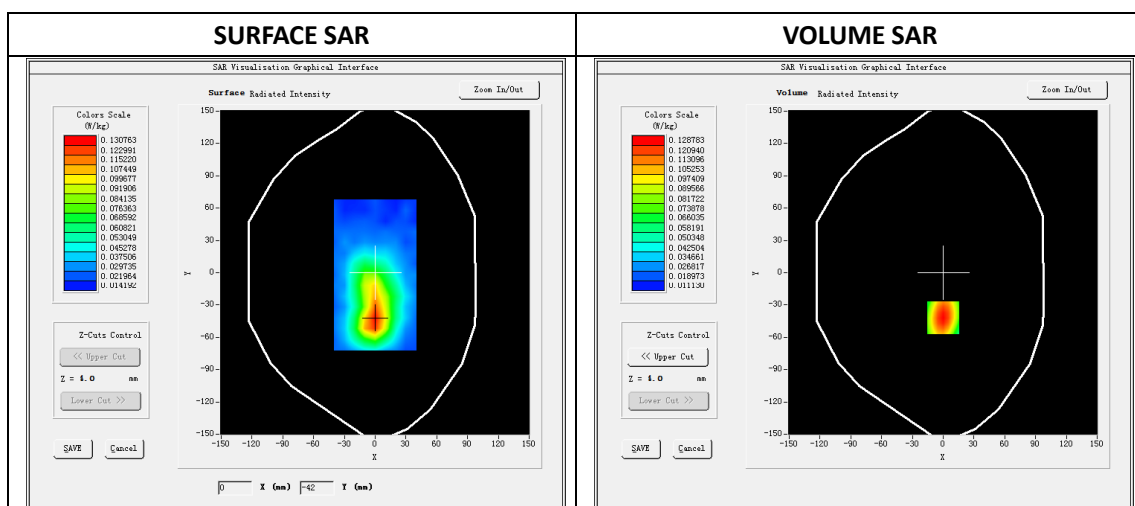
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Back
Band	WIFI
Channels	6
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

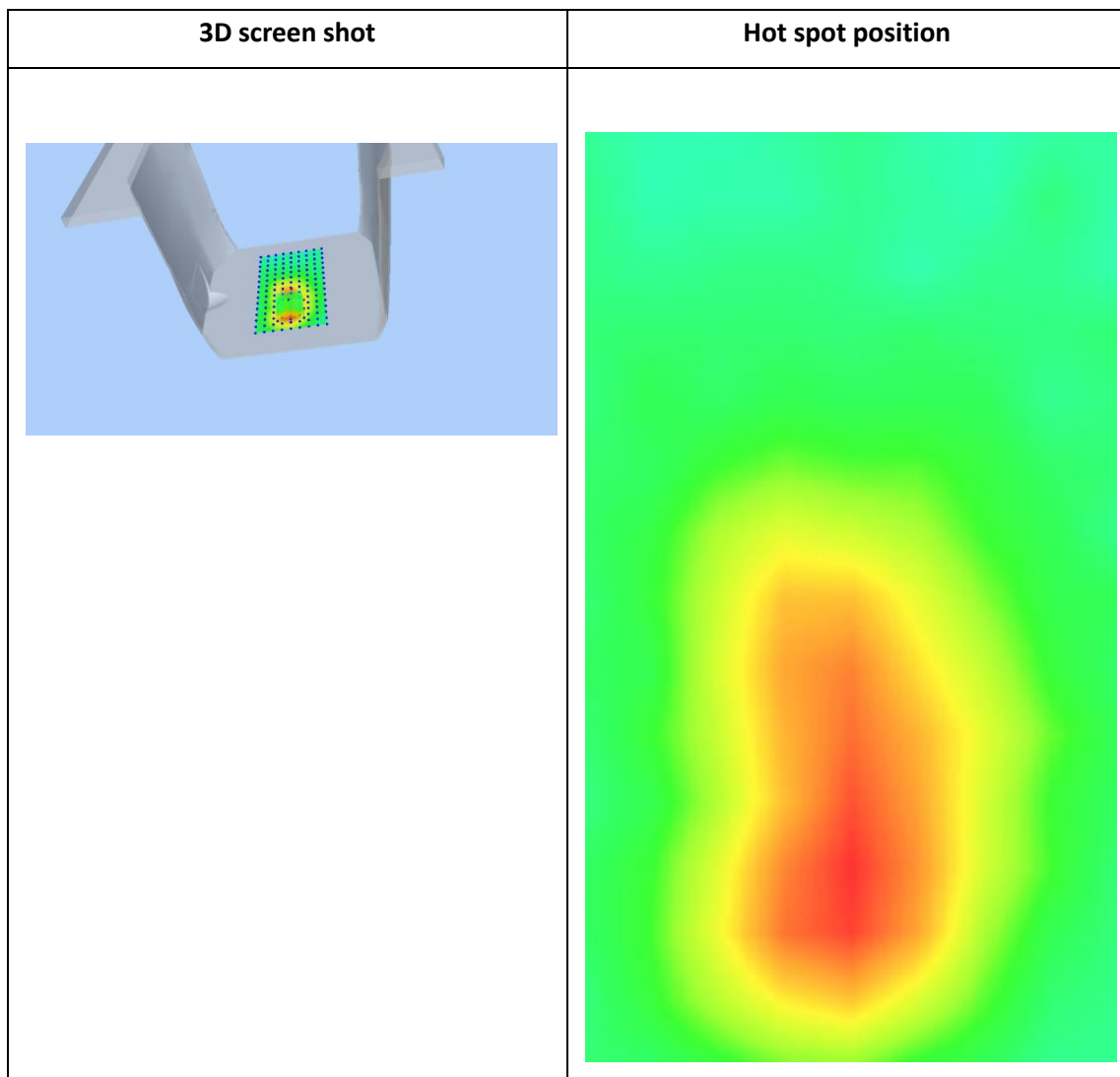
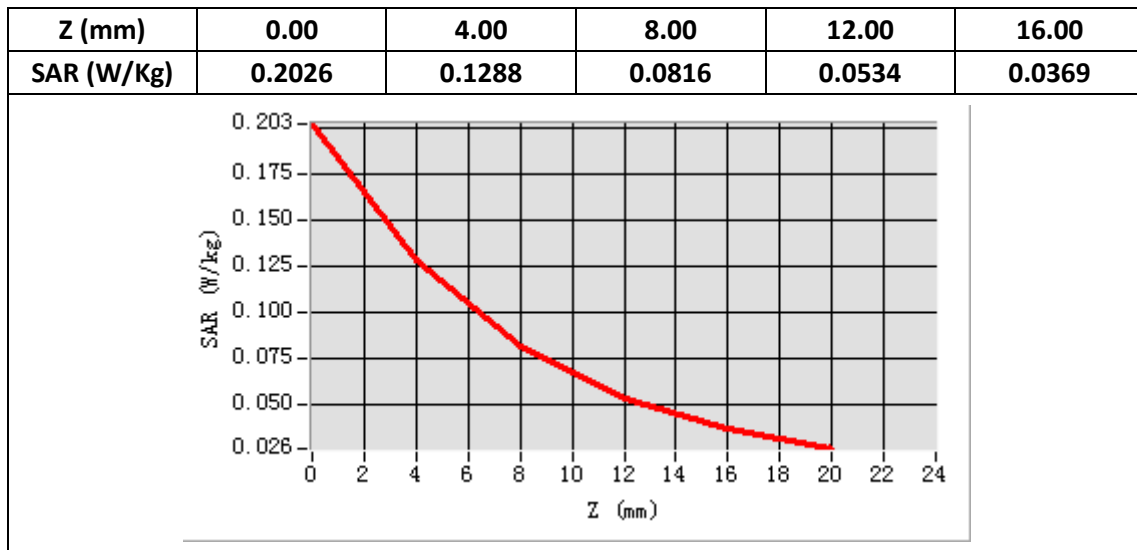
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	53.04
Relative permittivity (imaginary part)	14.33
Conductivity (S/m)	1.95
Variation (%)	-4.73
ConvF:	2.46



Maximum location: X=0.00 Y=-42.00

SAR Peak: 0.20W/kg

SAR 10g (W/Kg)	0.070382
SAR 1g (W/Kg)	0.122100



Plot 29: BT3.0 GFSK, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 07/09/2019

Measurement duration: 22 minutes 34 seconds

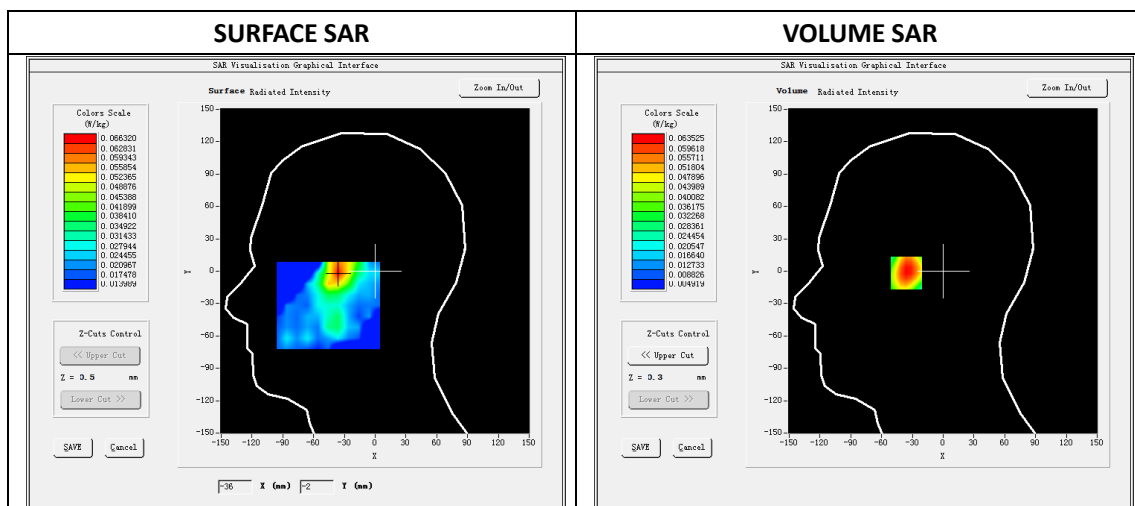
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	BT3.0
Channels	39
Signal	GFSK (Duty cycle: 1:1)

B. SAR Measurement Results

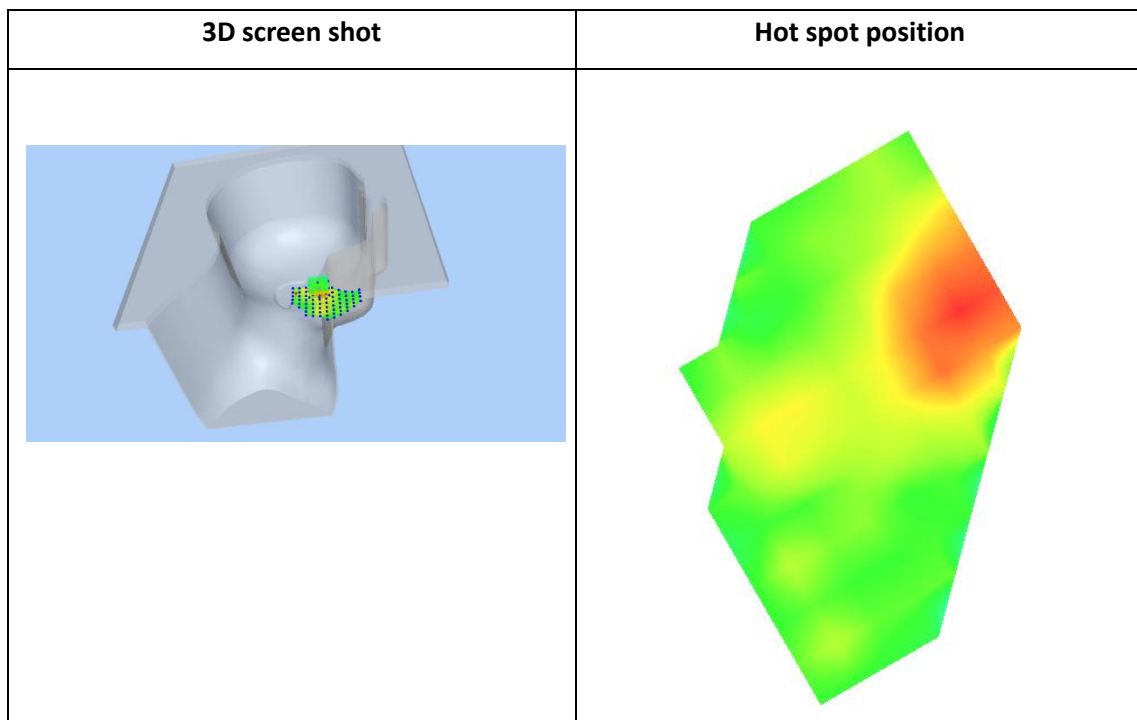
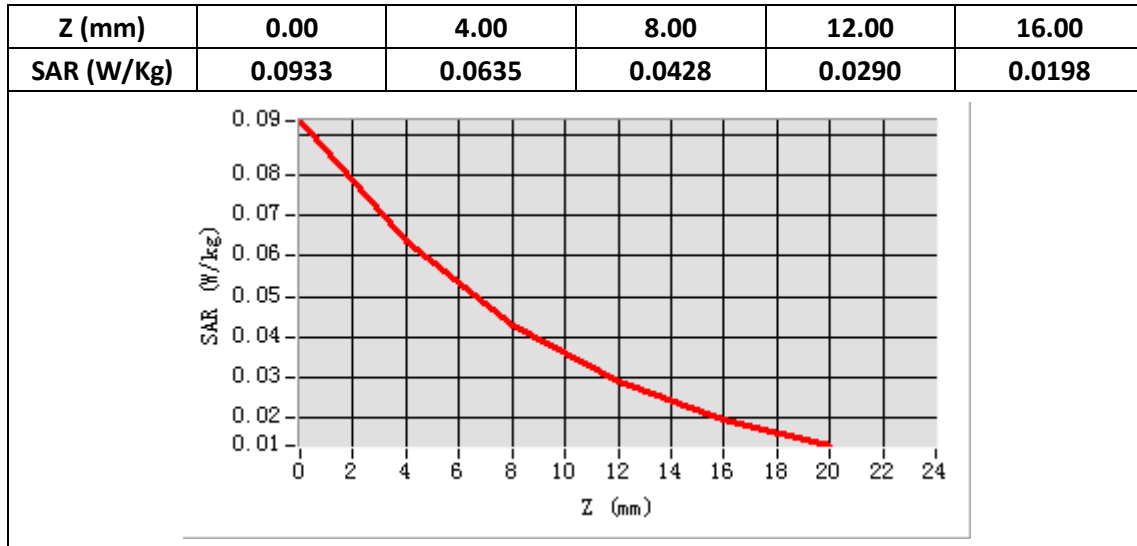
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2441
Relative permittivity (real part)	39.56
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.81
Variation (%)	1.96
ConvF:	2.35



Maximum location: X=-36.00 Y=-1.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.035459
SAR 1g (W/Kg)	0.060158



Plot 30: BT3.0 GFSK, Back,Middle, 10mm

Type: Phone measurement

Date of measurement: 07/09/2019

Measurement duration: 22 minutes 33 seconds

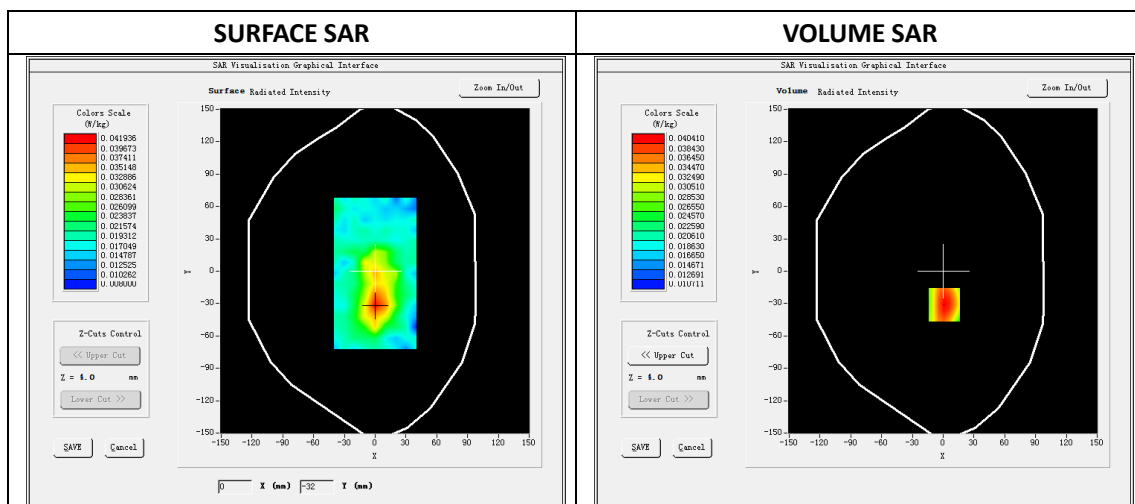
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	BT3.0
Channels	39
Signal	GFSK (Duty cycle: 1:1)

B. SAR Measurement Results

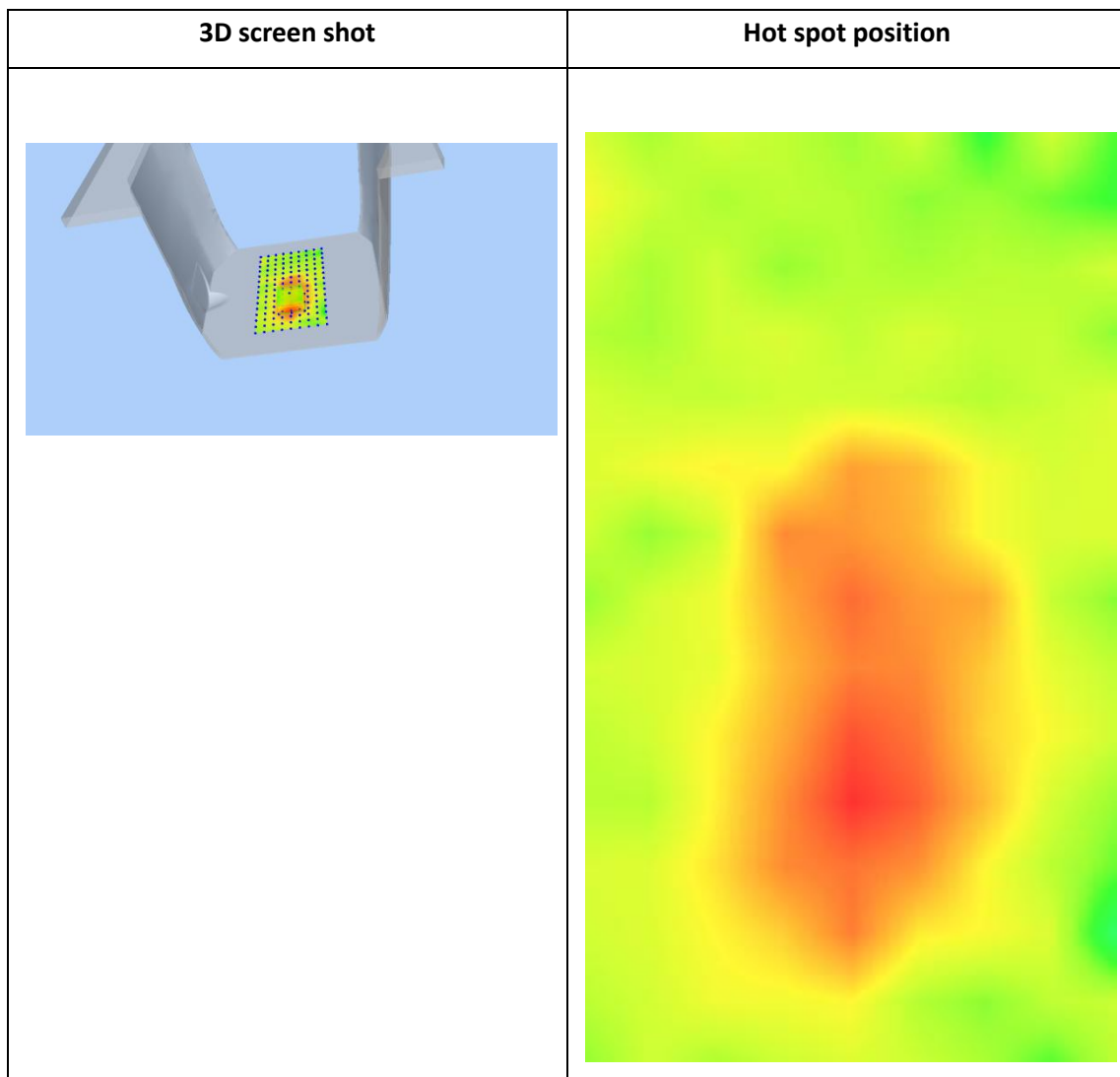
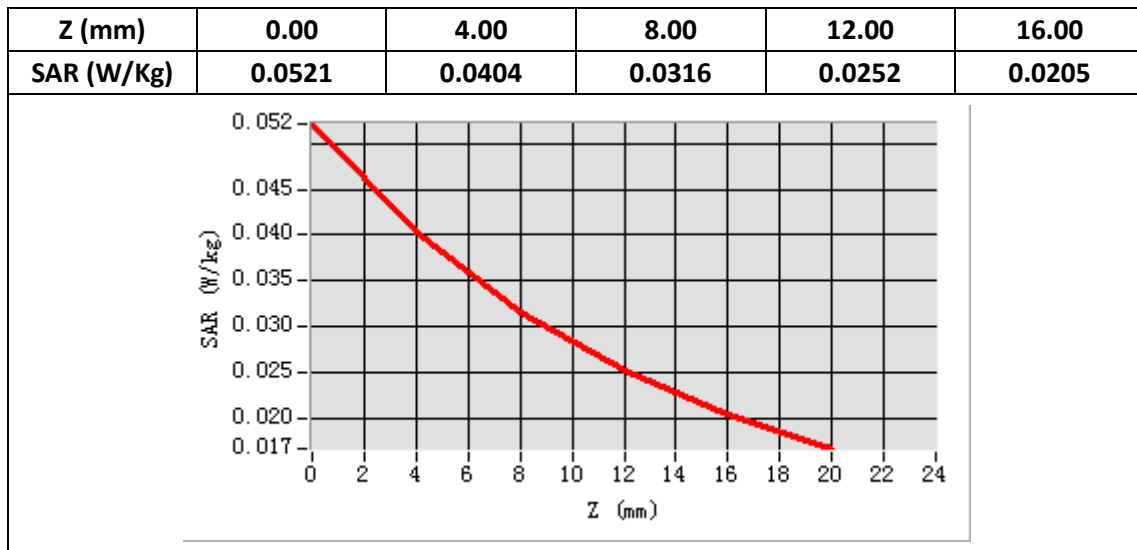
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2441
Relative permittivity (real part)	53.04
Relative permittivity (imaginary part)	14.33
Conductivity (S/m)	1.95
Variation (%)	-3.57
ConvF:	2.43



Maximum location: X=1.00 Y=-31.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.027636
SAR 1g (W/Kg)	0.039053



Plot 31: WIFI 5G 802.11a(20MHZ), Right Cheek,Middle

Type: Phone measurement

Date of measurement: 07/11/2019

Measurement duration: 22 minutes 34 seconds

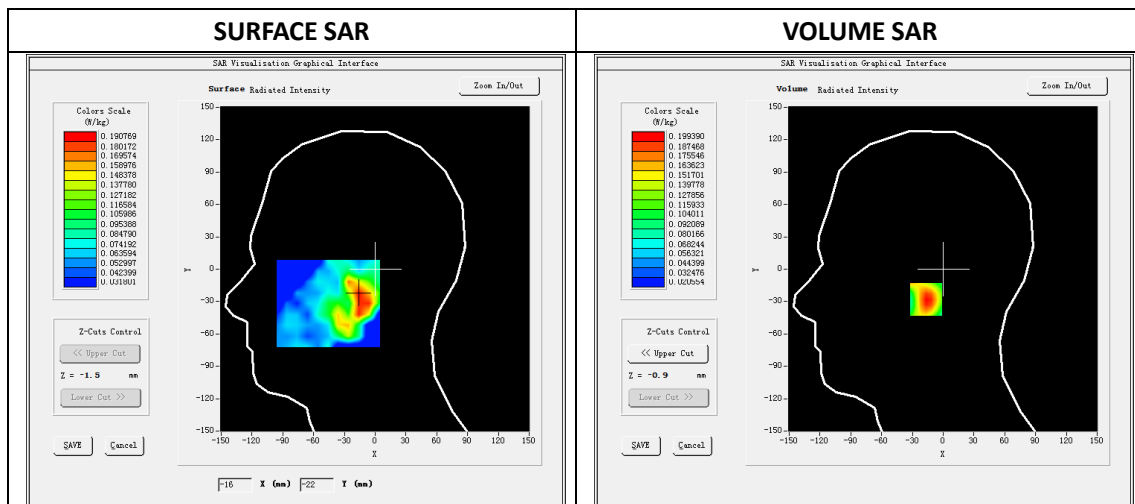
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Right Cheek
Band	WIFI 5G
Channels	48
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

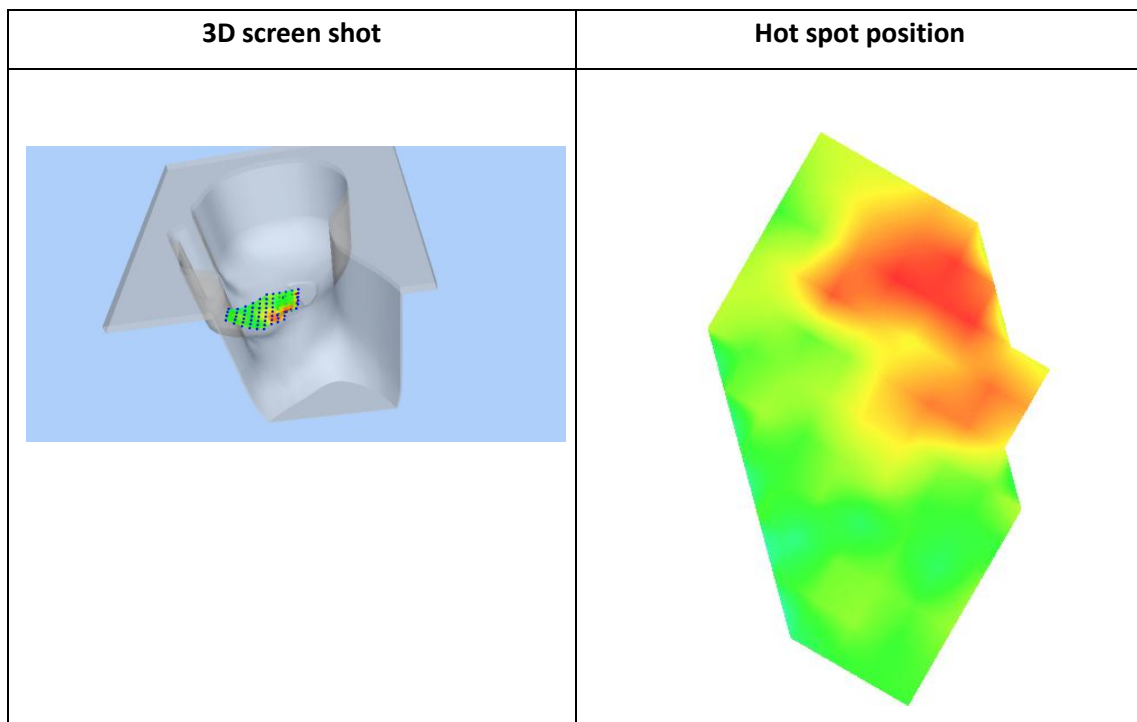
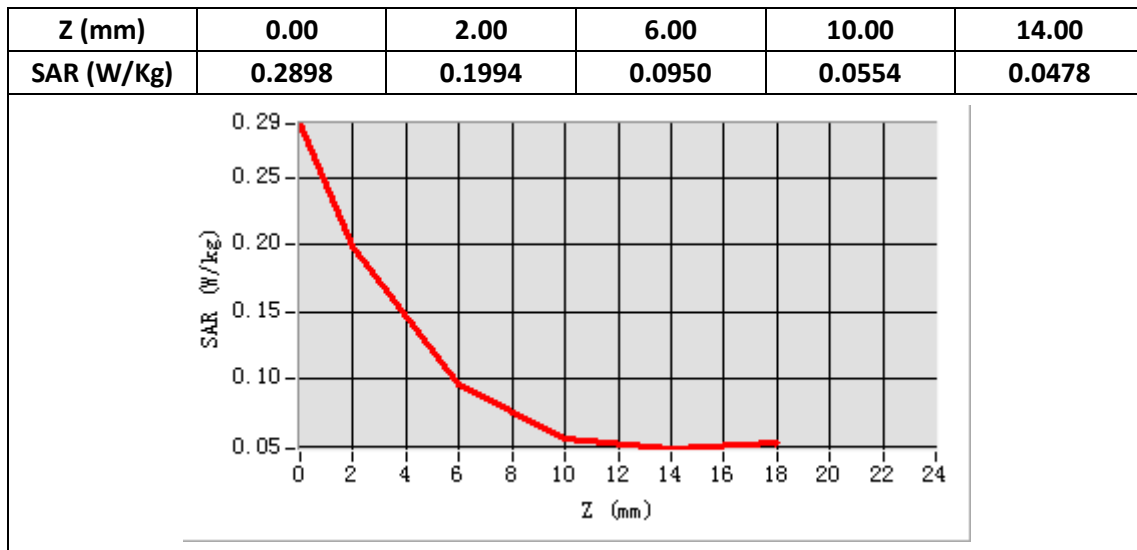
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5240
Relative permittivity (real part)	36.53
Relative permittivity (imaginary part)	16.96
Conductivity (S/m)	4.90
Variation (%)	-2.85
ConvF:	2.15



Maximum location: X=-13.00 Y=-28.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.104089
SAR 1g (W/Kg)	0.192315



Plot 32: WIFI 5G 802.11a(20MHz), Back , Middle,10mm

Type: Phone measurement

Date of measurement: 07/11/2019

Measurement duration: 22 minutes 35 seconds

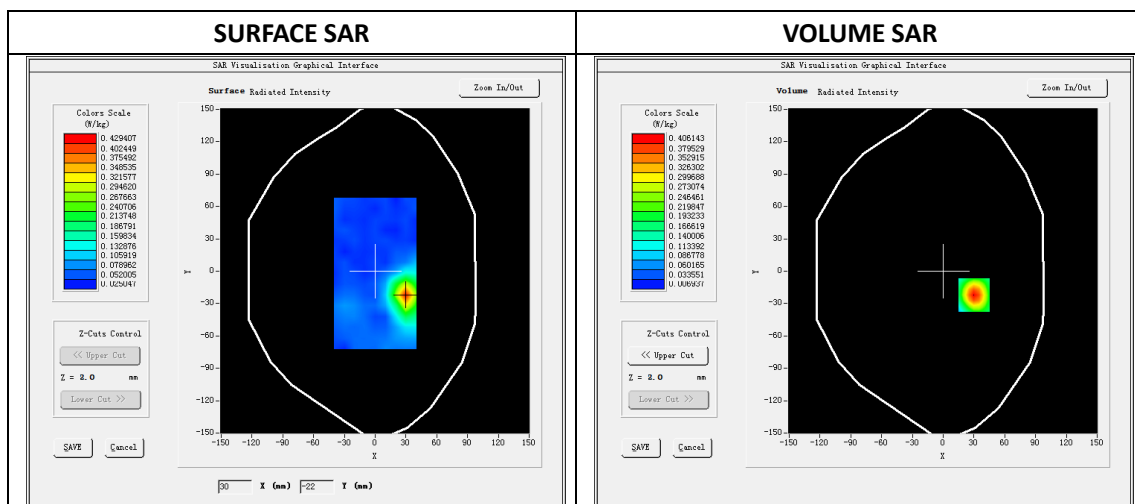
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 5G
Channels	48
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

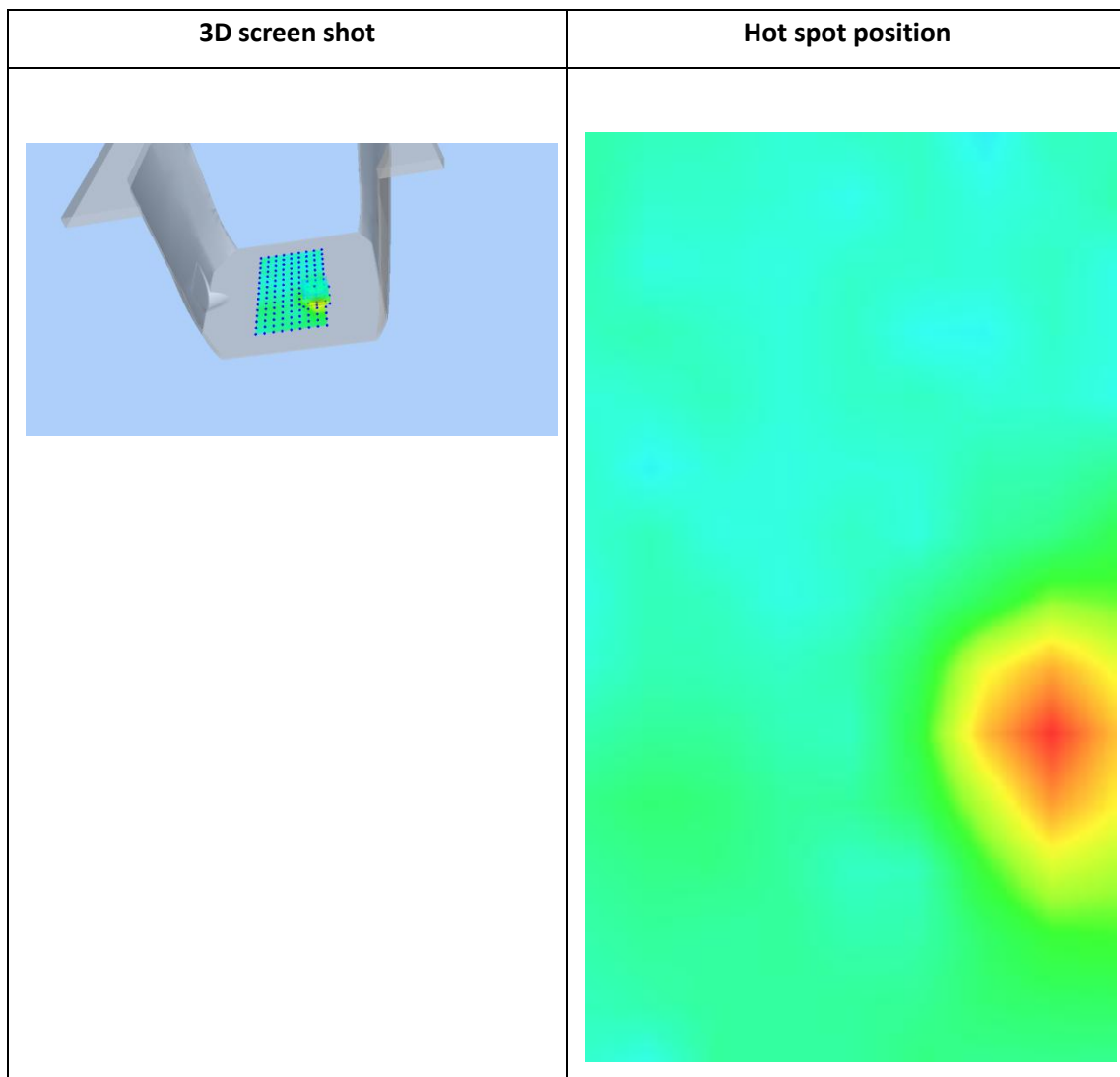
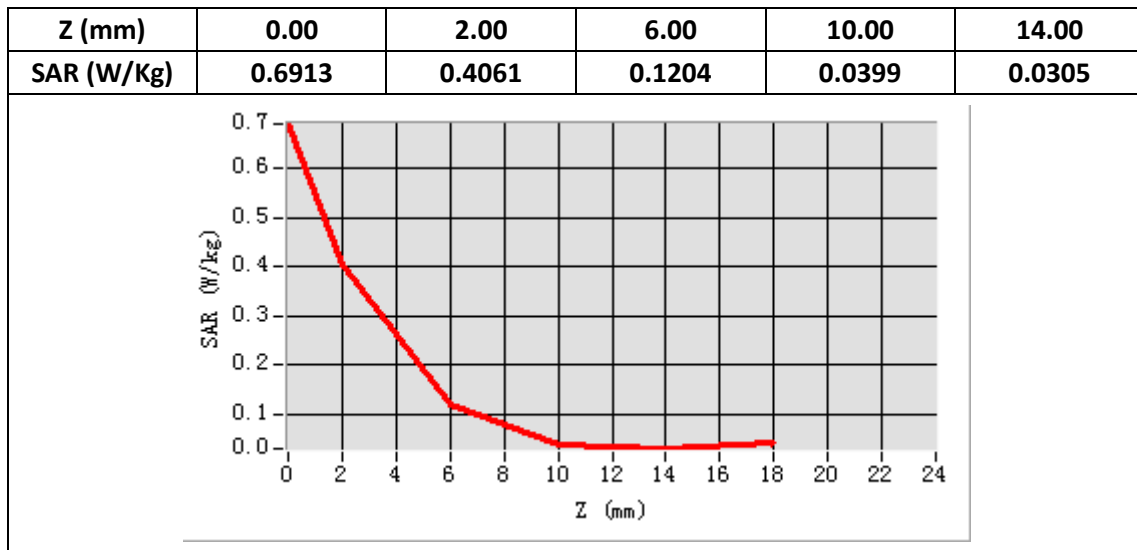
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5240
Relative permittivity (real part)	50.68
Relative permittivity (imaginary part)	18.21
Conductivity (S/m)	5.26
Variation (%)	-4.69
ConvF:	2.21



Maximum location: X=30.00 Y=-22.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.118964
SAR 1g (W/Kg)	0.260666



Plot 33: UHF, Edge A, Middle,10mm

Type: Phone measurement

Date of measurement: 07/04/2019

Measurement duration: 22 minutes 15 seconds

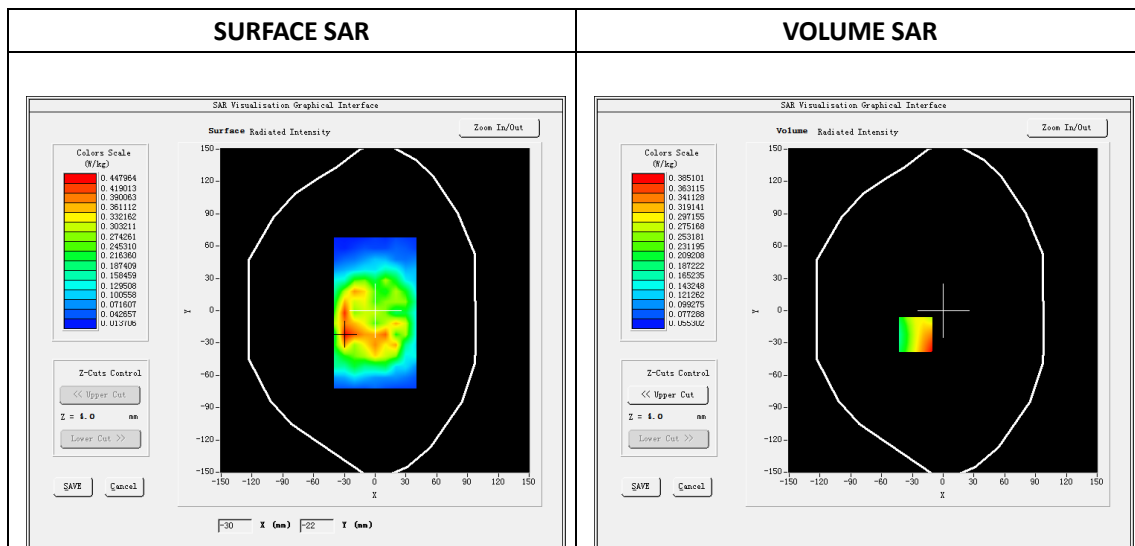
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	UHF
Channels	26
Signal	UHF

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	915.25
Relative permittivity (real part)	55.20
Relative permittivity (imaginary part)	20.48
Conductivity (S/m)	0.95
Variation (%)	-4.91
ConvF:	1.99



Maximum location: X=-27.00, Y=-22.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.235403
SAR 1g (W/Kg)	0.344622

