

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850	Right Cheek Middle	2019/01/30
2	GSM850/GPRS4Tx	Body Back, Middle ,10mm	2019/01/30
3	GSM1900	Left Cheek Middle	2019/02/01
4	GSM1900/GPRS4Tx	Body Back Middle ,10mm	2019/02/01
5	GSM1900/GPRS4Tx	Edge C Middle ,10mm	2019/02/01
6	WCDMA850	Left Cheek Middle	2019/01/30
7	WCDMA850	Body Back, Middle ,10mm	2019/01/30
8	WCDMA1900	Right Cheek Middle	2019/02/01
9	WCDMA1900	Body Back, Middle ,10mm	2019/02/01
10	WCDMA1900	Edge C Middle ,10mm	2019/02/01
11	WCDMA1700	Right Cheek Middle	2019/01/31
12	WCDMA1700	Body Back, Middle ,10mm	2019/01/31
13	LTE Band2	Right Cheek Middle	2019/02/01
14	LTE Band2	Body Face, Middle ,10mm	2019/02/01
15	LTE Band4	Right Cheek Middle	2019/01/31
16	LTE Band4	Body Back, Middle ,10mm	2019/01/31
17	LTE Band5	Right Cheek Middle	2019/01/30
18	LTE Band5	Body Back, Middle ,10mm	2019/01/30

19	LTE Band7	Left Cheek Middle	2019/02/11
20	LTE Band7	Body Back, Middle ,10mm	2019/02/11
21	LTE Band12	Right Cheek Middle	2019/02/12
22	LTE Band12	Body Back, Middle ,10mm	2019/02/12
23	LTE Band17	Left Cheek Middle	2019/02/12
24	LTE Band17	Body Back, Middle ,10mm	2019/02/12
25	WIFI 2.4G 802 11b	Right Cheek Middle	2019/02/02
26	WIFI 2.4G 802 11b	Edge A Middle ,10mm	2019/02/02

Plot 1: GSM850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 01/30/2019

Measurement duration: 22 minutes 31 seconds

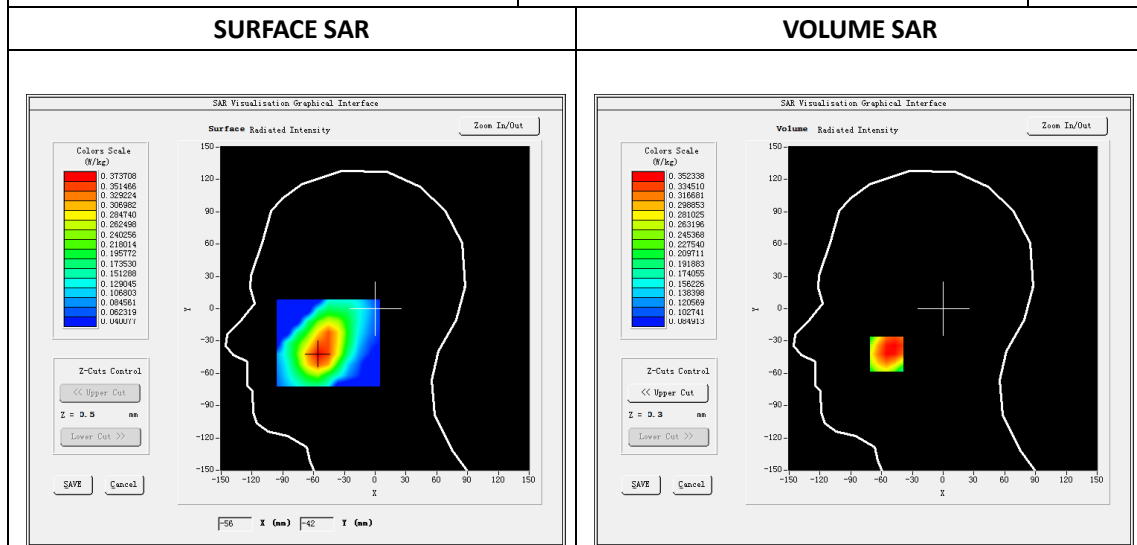
Mobile Phone IMEI number: --

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

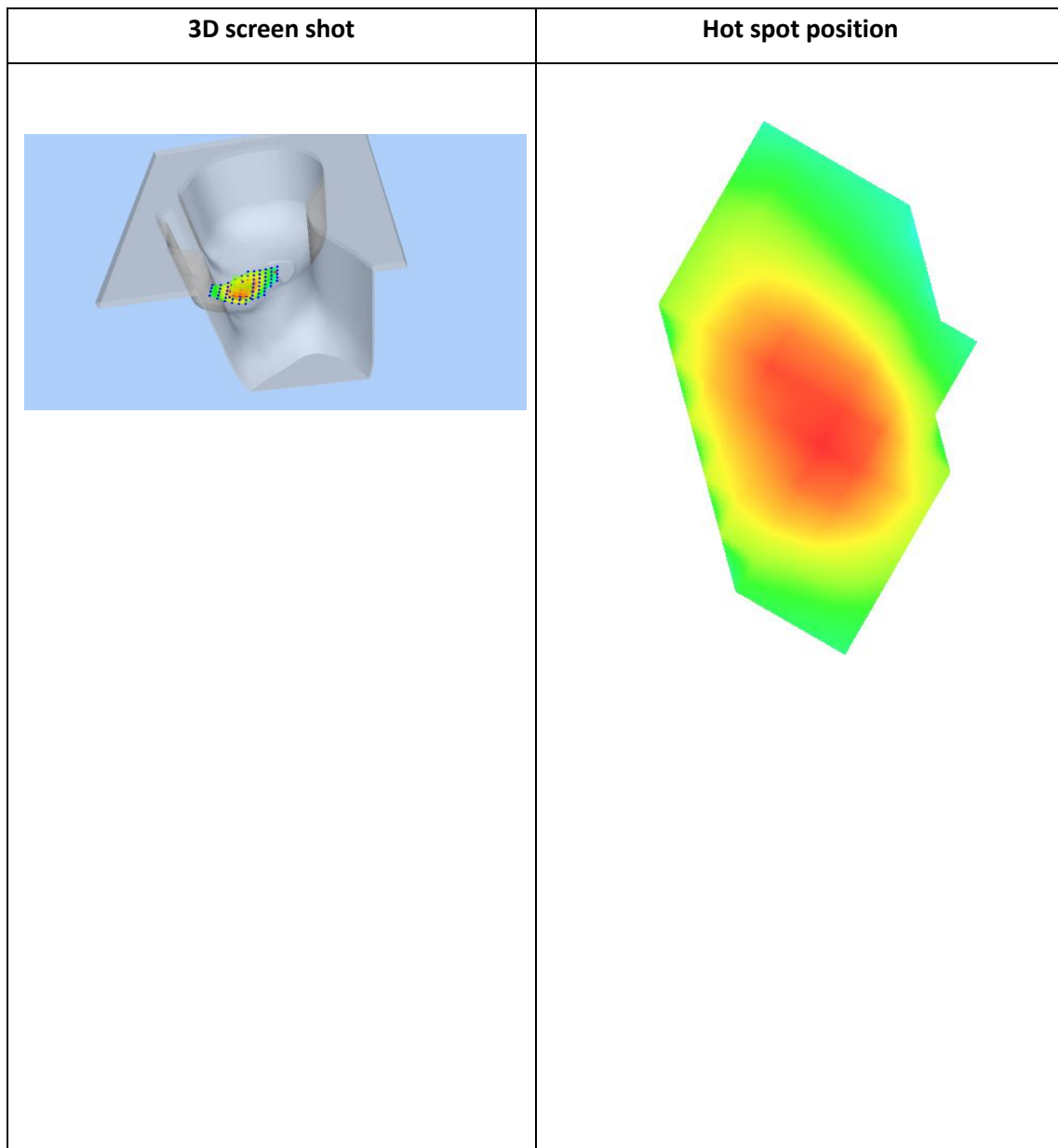
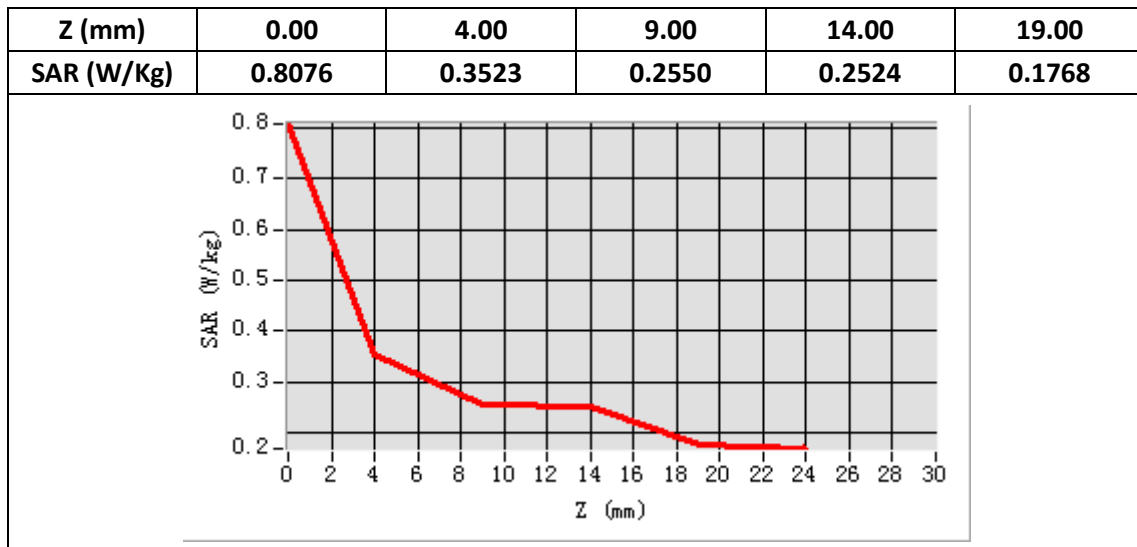
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	836.6
Relative permittivity (real part)	41.46
Relative permittivity (imaginary part)	18.88
Conductivity (S/m)	0.91
Variation (%)	0.71
ConvF:	5.85



Maximum location: X=-55.00, Y=-42.00

SAR Peak: 0.40W/kg

SAR 10g (W/Kg)	0.279983
SAR 1g (W/Kg)	0.352384



Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/30/2019

Measurement duration: 22 minutes 31 seconds

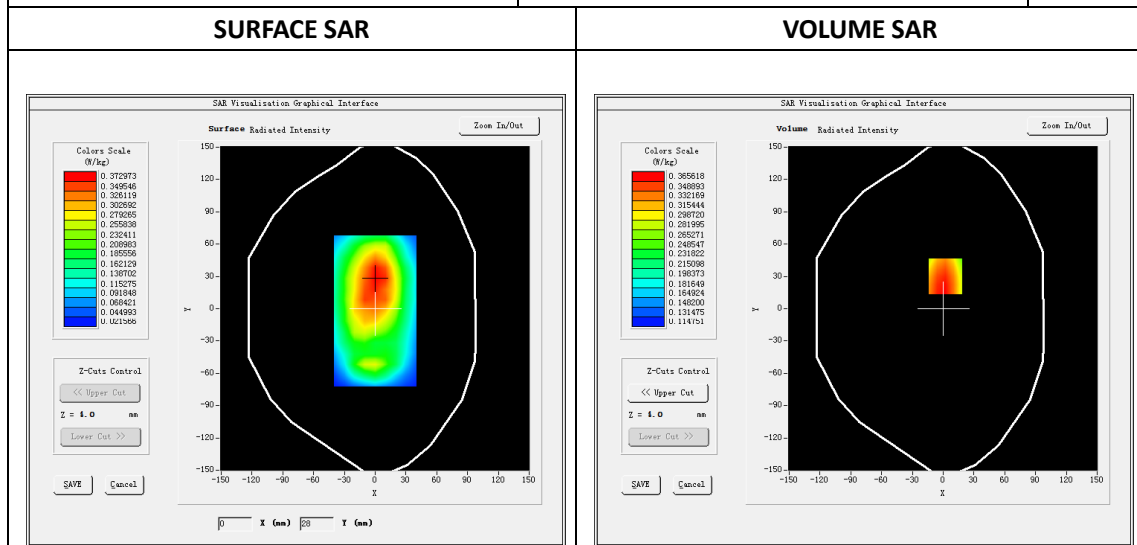
Mobile Phone IMEI number: --

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

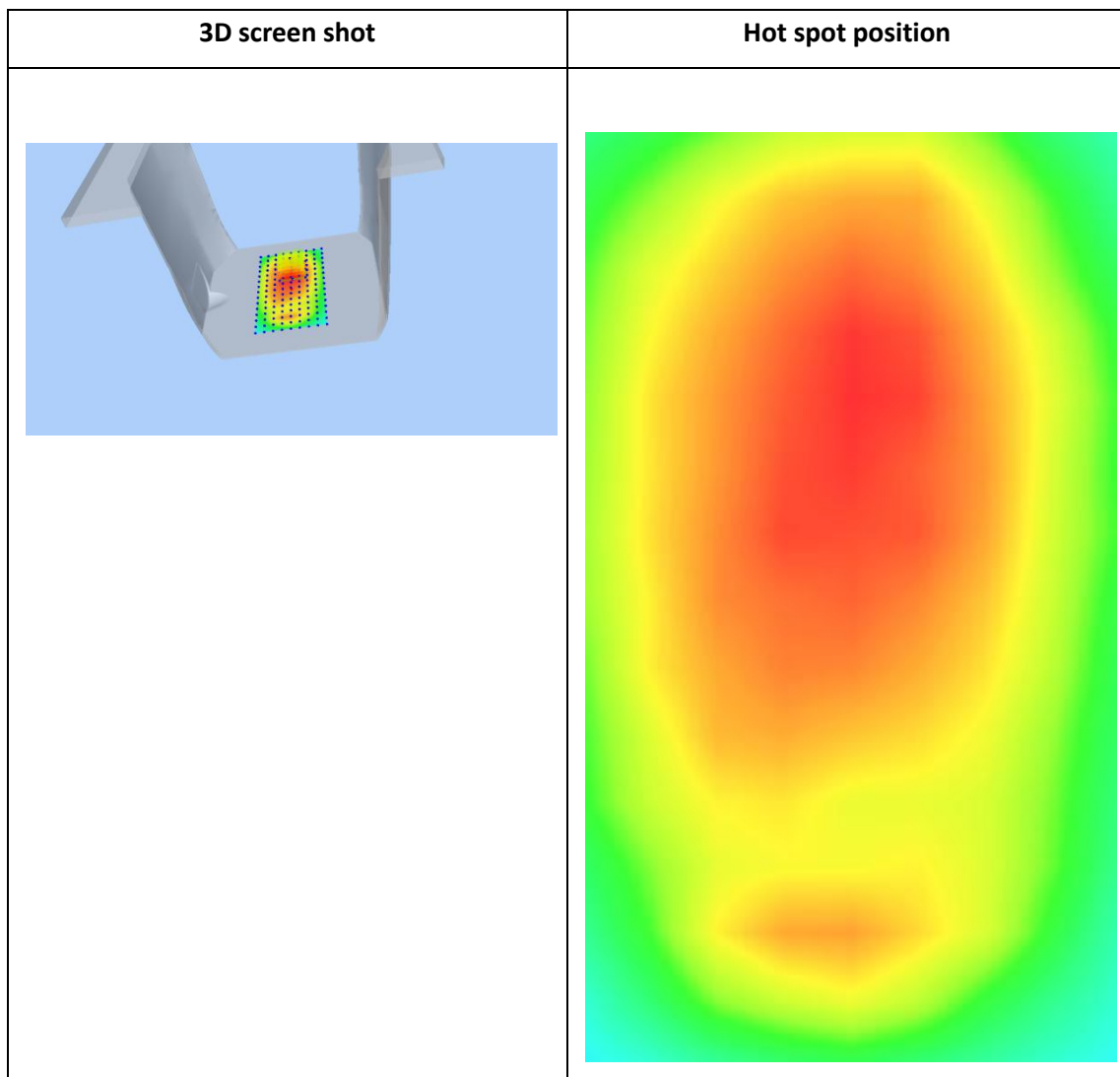
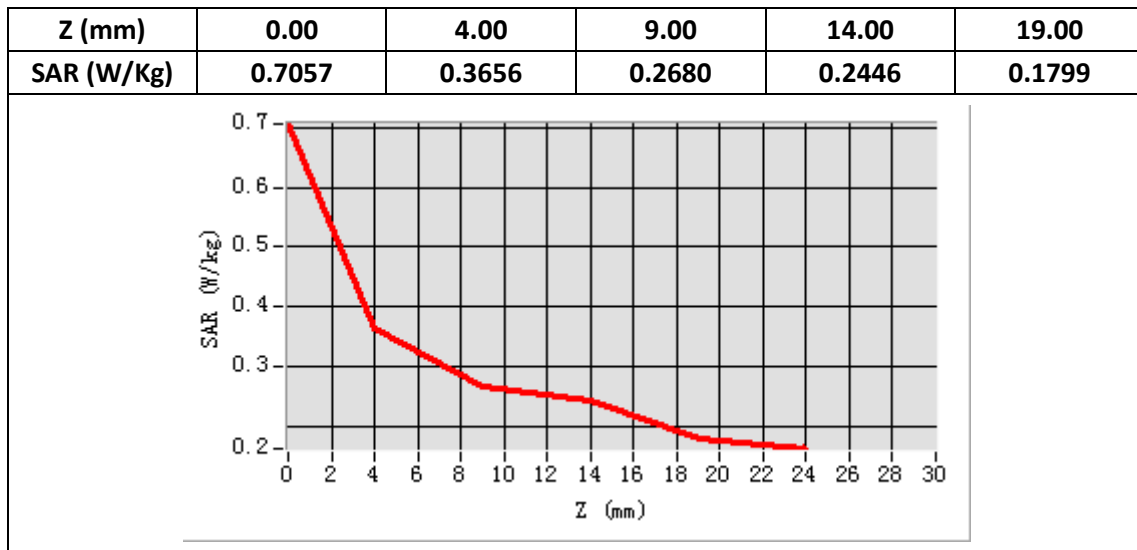
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	836.6
Relative permittivity (real part)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	0.73
ConvF:	6.17



Maximum location: X=2.00, Y=30.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.285374
SAR 1g (W/Kg)	0.361938



Plot3: GSM1900, Right Cheek Middle

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 31 seconds

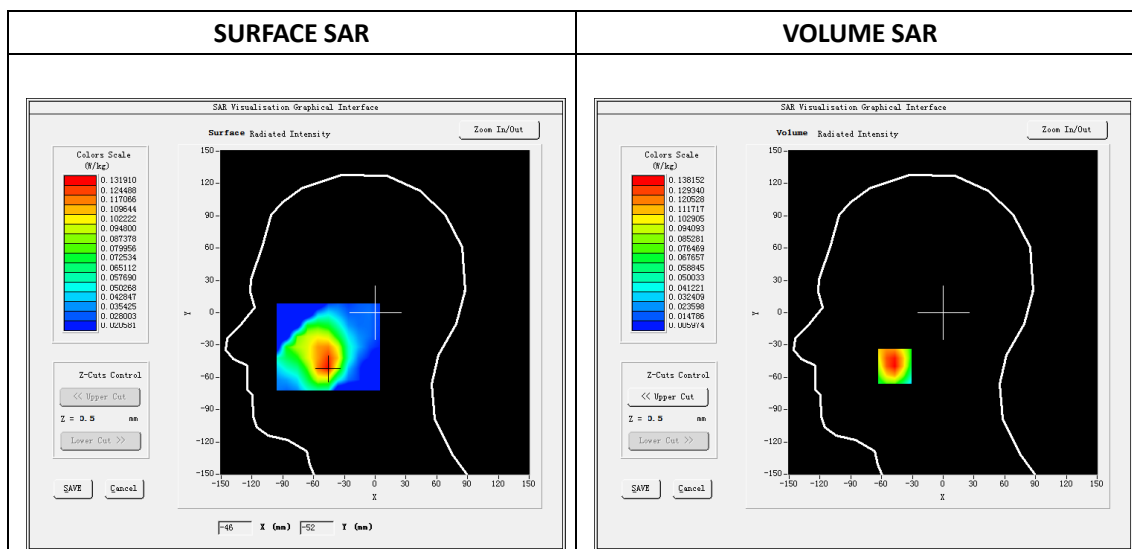
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

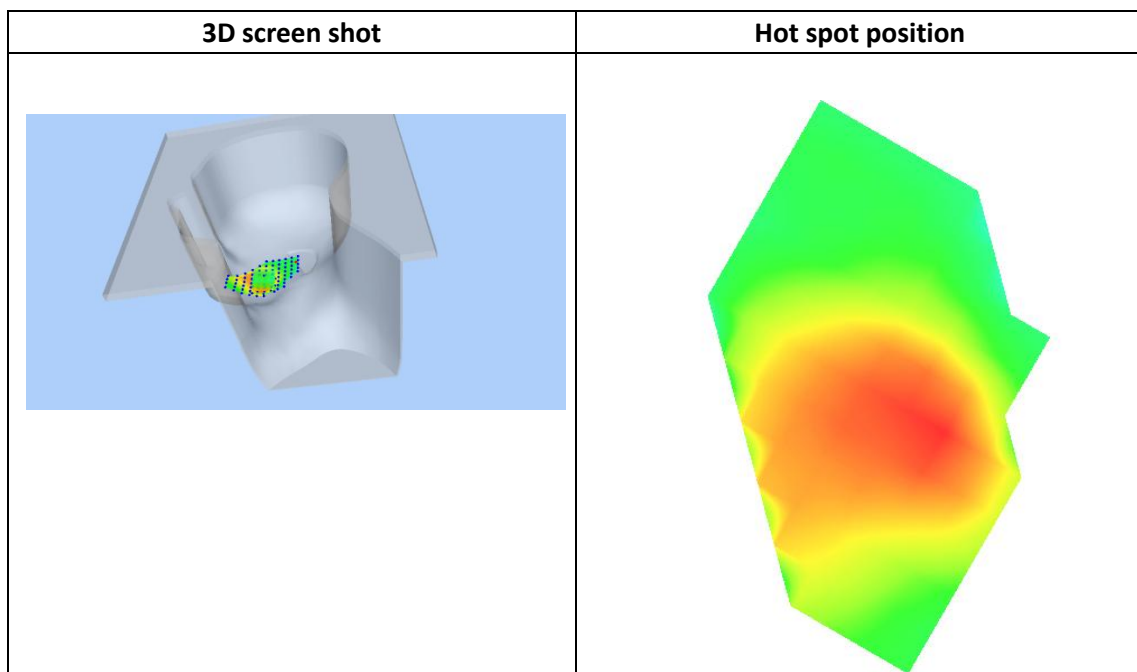
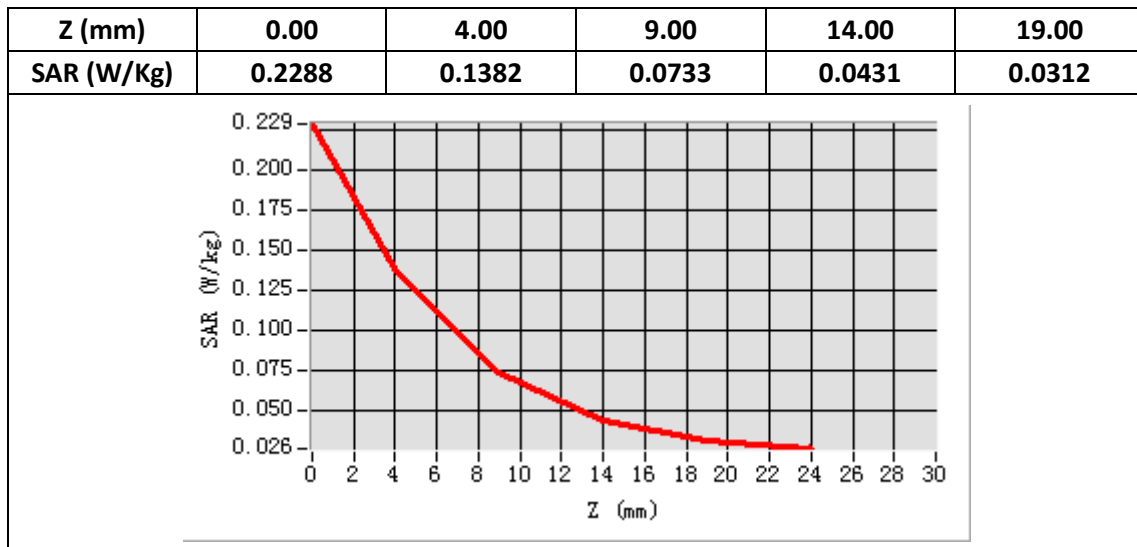
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	13.35
Conductivity (S/m)	1.42
Variation (%)	1.35
ConvF:	5.90



Maximum location: X=-47.00, Y=-50.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.077631
SAR 1g (W/Kg)	0.133686



Plot4: GPRS1900, Back Middle ,10mm

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 35 seconds

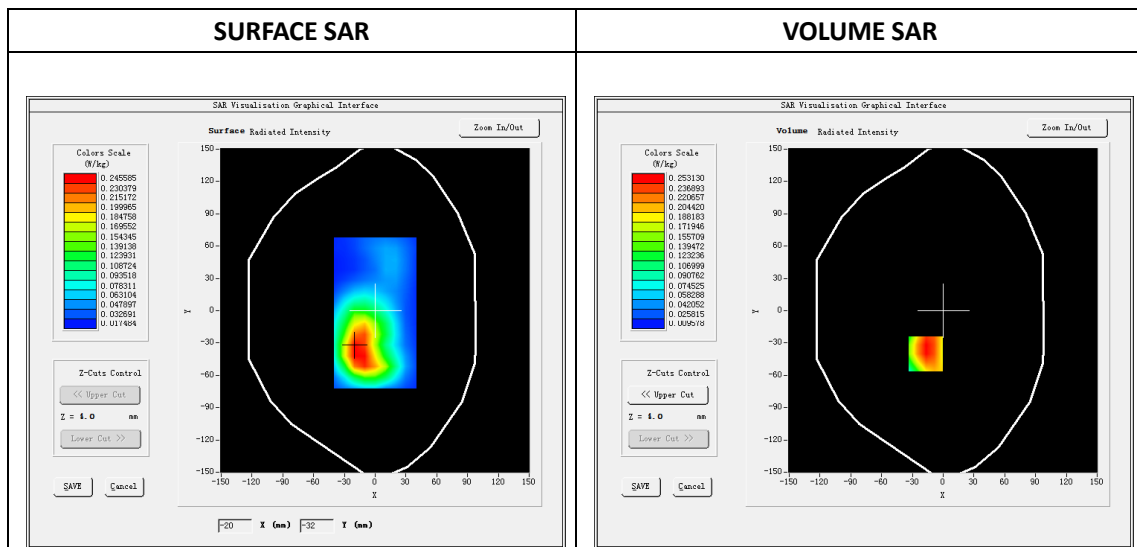
Mobile Phone IMEI number: --

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

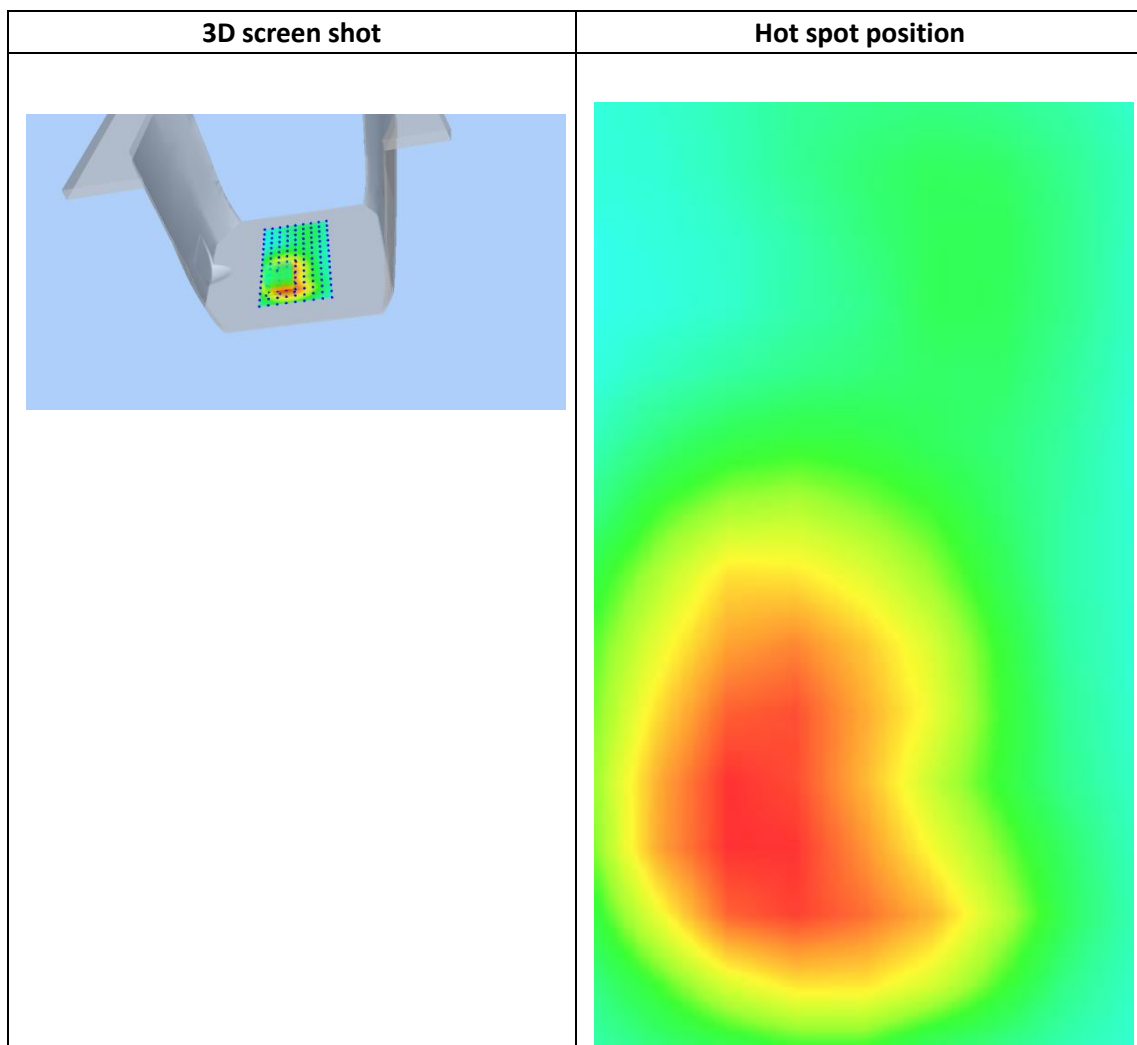
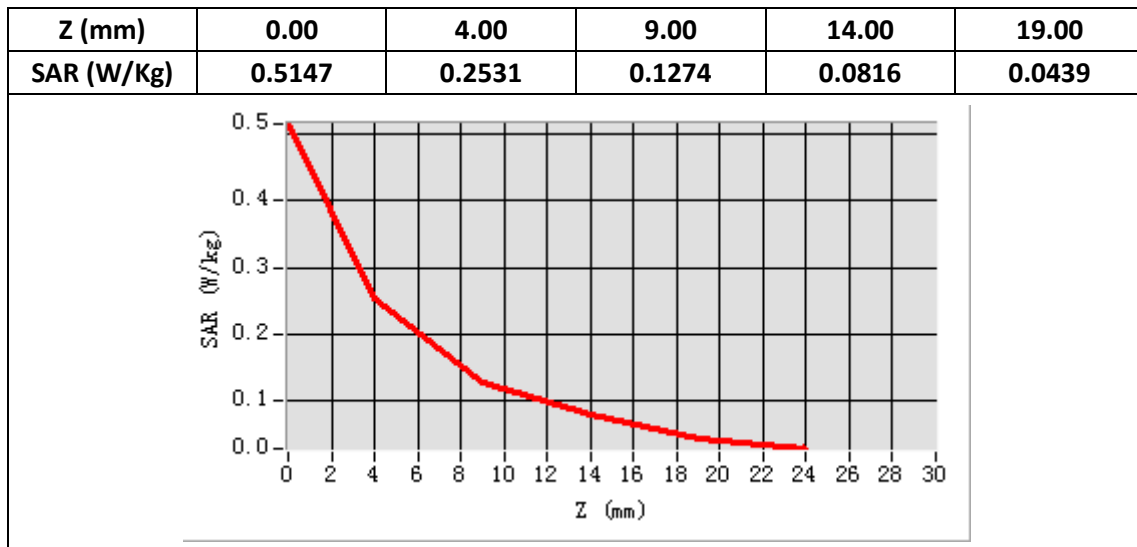
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-0.01
ConvF:	6.10



Maximum location: X=-17.00, Y=-40.00

SAR Peak: 0.40W/kg

SAR 10g (W/Kg)	0.140201
SAR 1g (W/Kg)	0.242808



Plot5: GPRS1900, Edge C Middle ,10mm

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 35 seconds

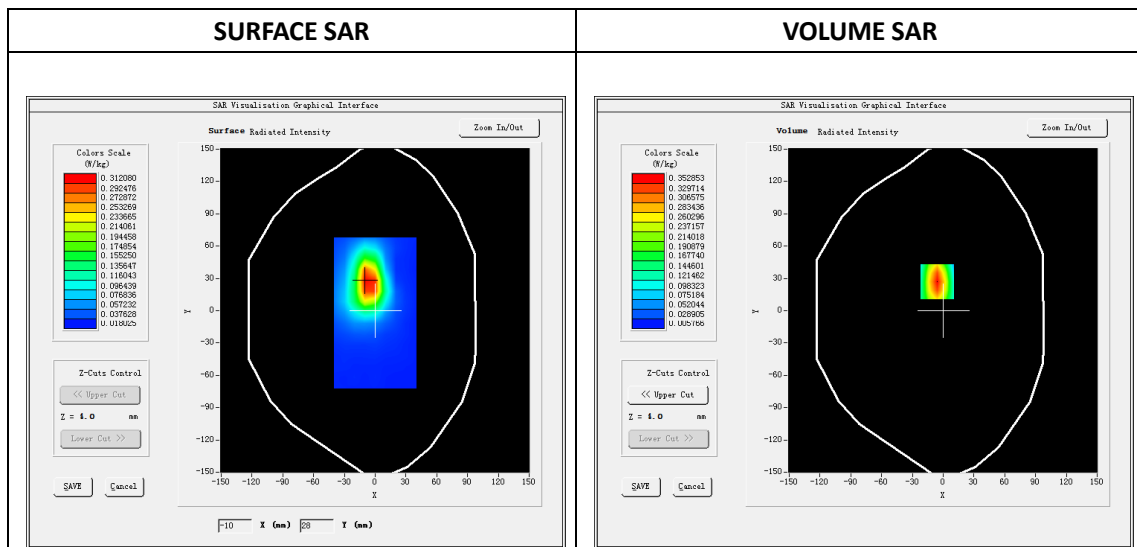
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

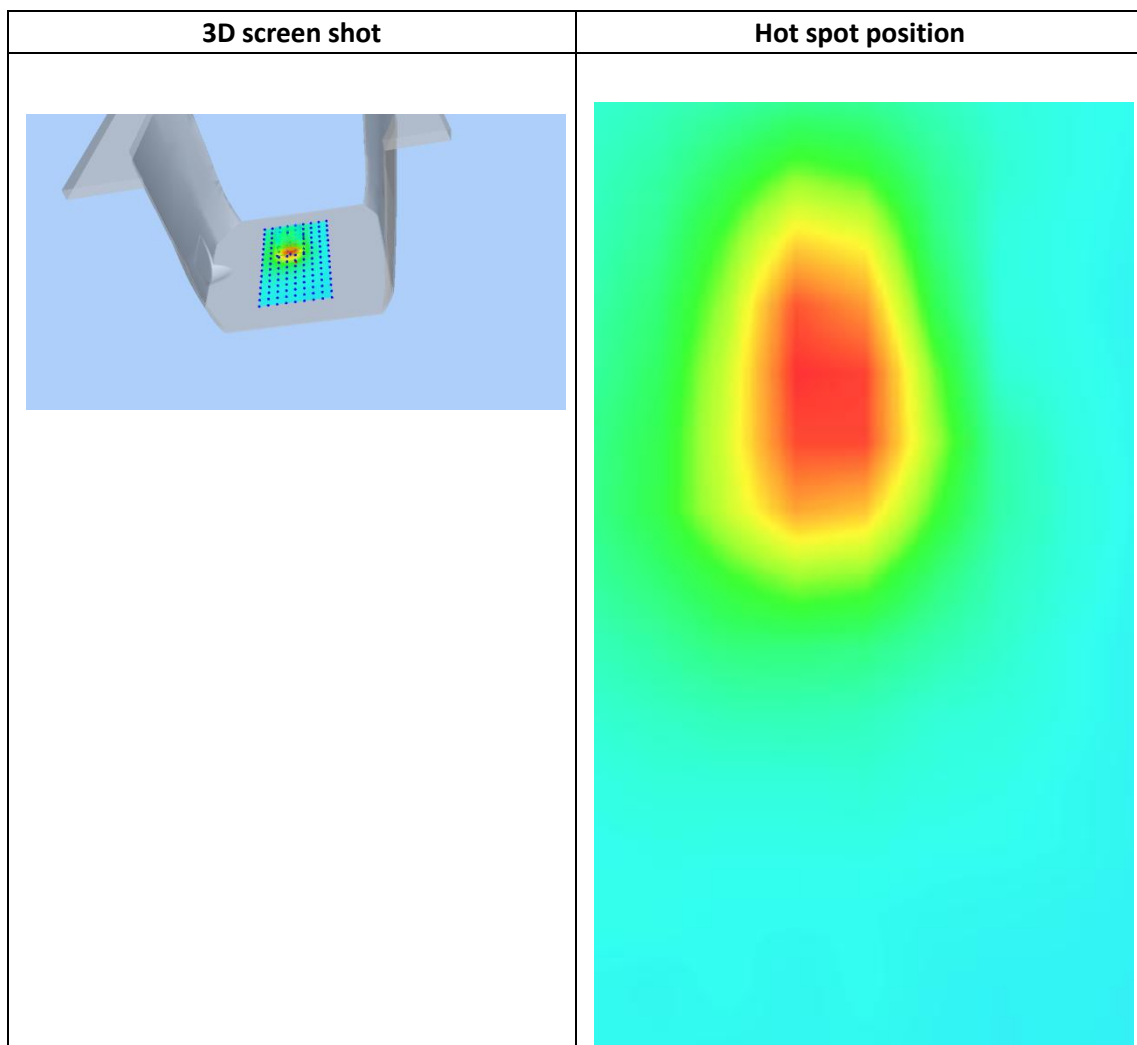
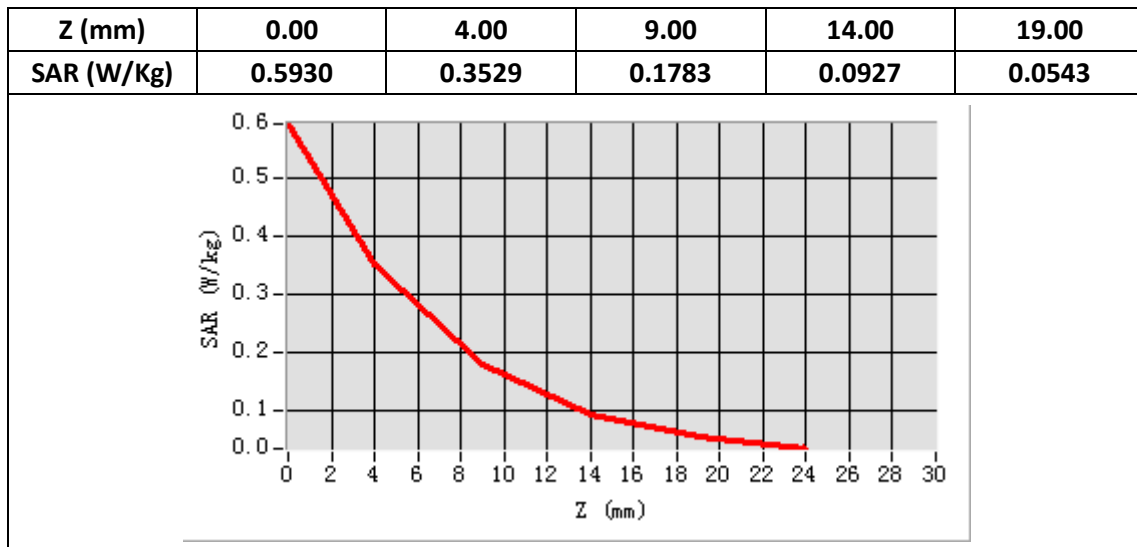
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-4.55
ConvF:	6.10



Maximum location: X=-6.00, Y=27.00

SAR Peak: 0.59W/kg

SAR 10g (W/Kg)	0.165450
SAR 1g (W/Kg)	0.327268



Plot 6: WCDMA850, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 01/30/2019

Measurement duration: 22 minutes 44 seconds

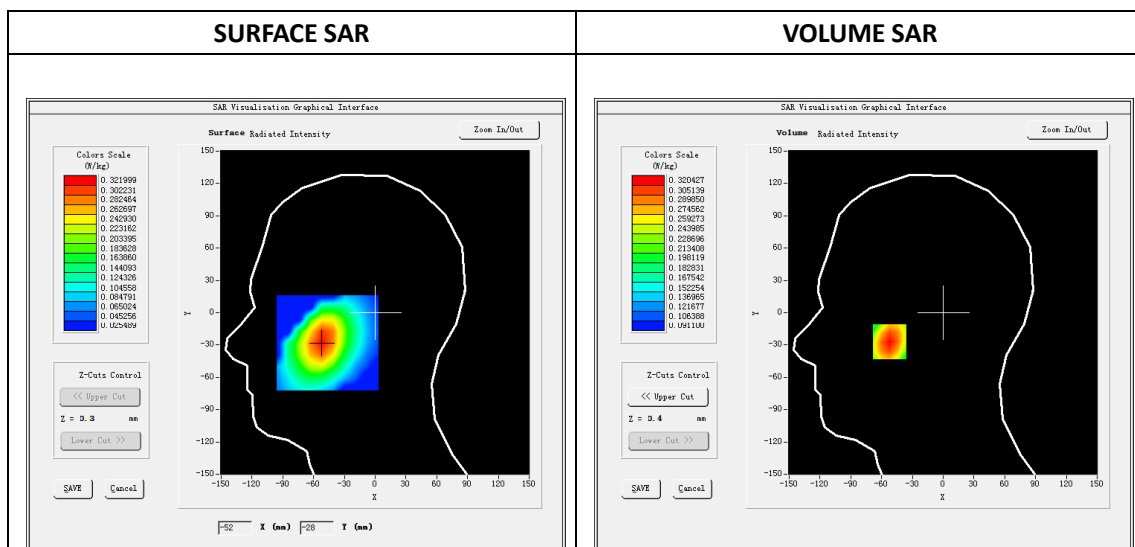
Mobile Phone IMEI number: --

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	Band5_WCDMA850
Channels	4183
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

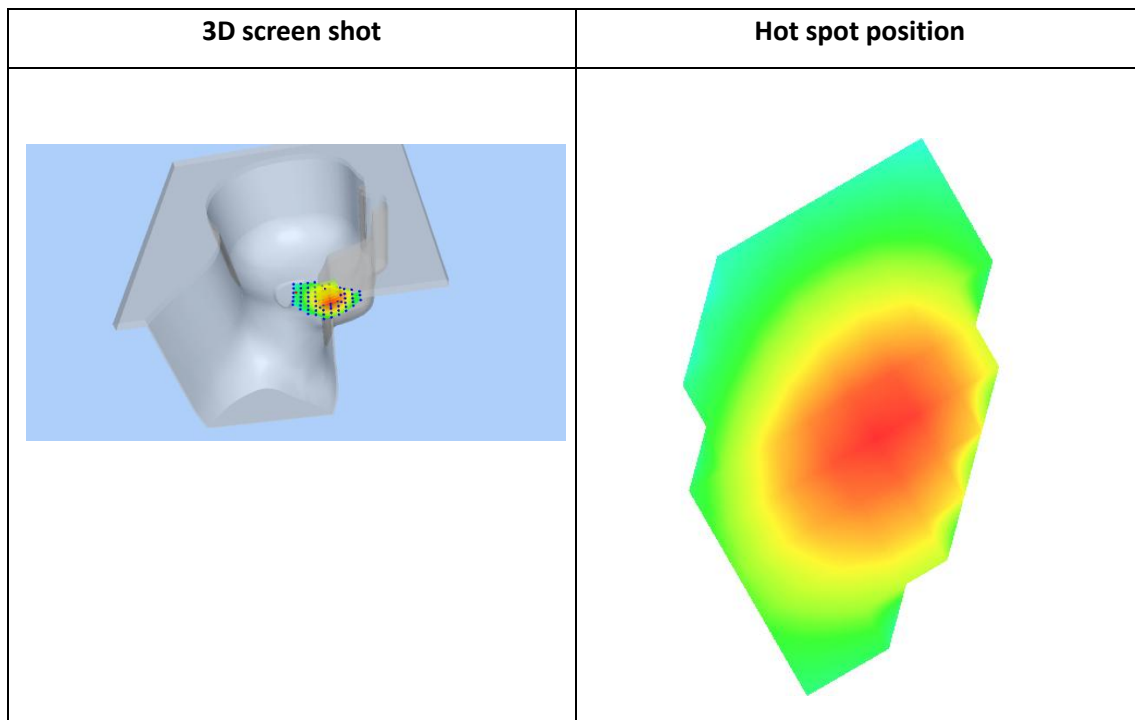
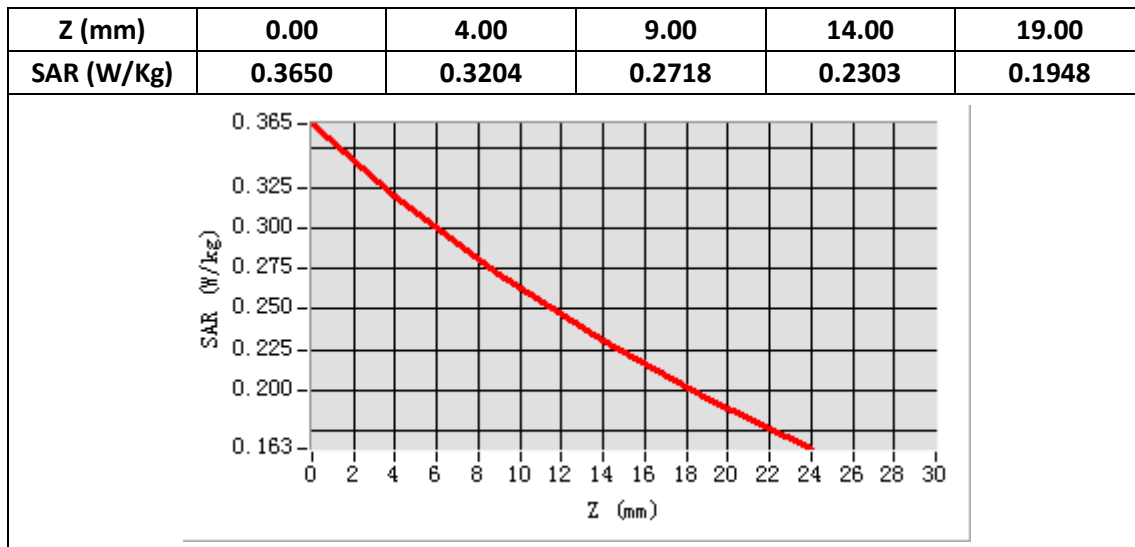
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	836.6
Relative permittivity (real part)	41.46
Relative permittivity (imaginary part)	18.88
Conductivity (S/m)	0.91
Variation (%)	-0.83
ConvF:	5.85



Maximum location: X=-52.00, Y=-27.00

SAR Peak: 0.37W/kg

SAR 10g (W/Kg)	0.246780
SAR 1g (W/Kg)	0.314325



Plot 7: WCDMA850, BACK, Middle,10mm

Type: Phone measurement

Date of measurement: 01/30/2019

Measurement duration: 22 minutes 22 seconds

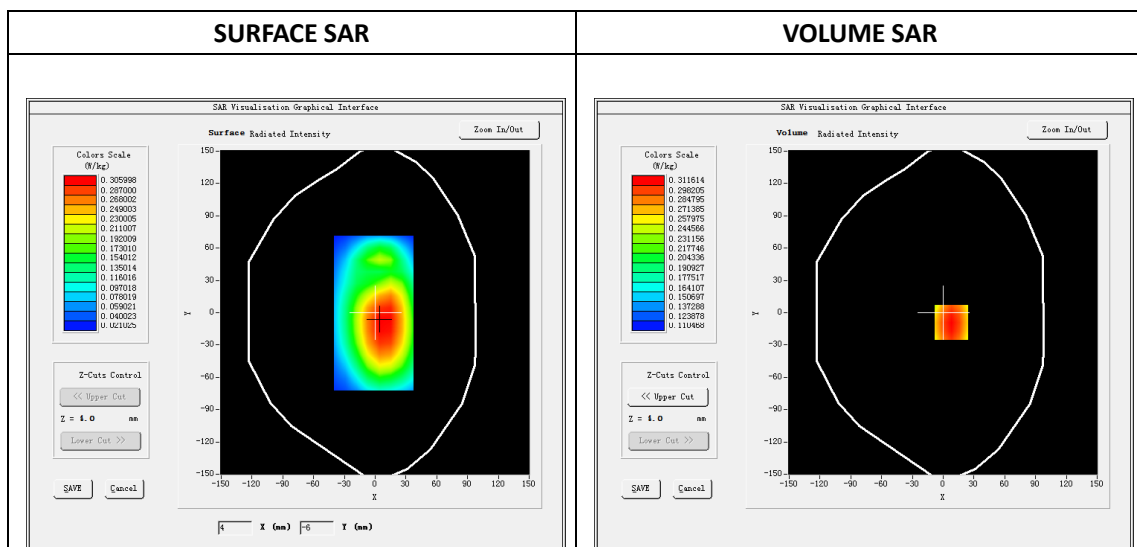
Mobile Phone IMEI number: --

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

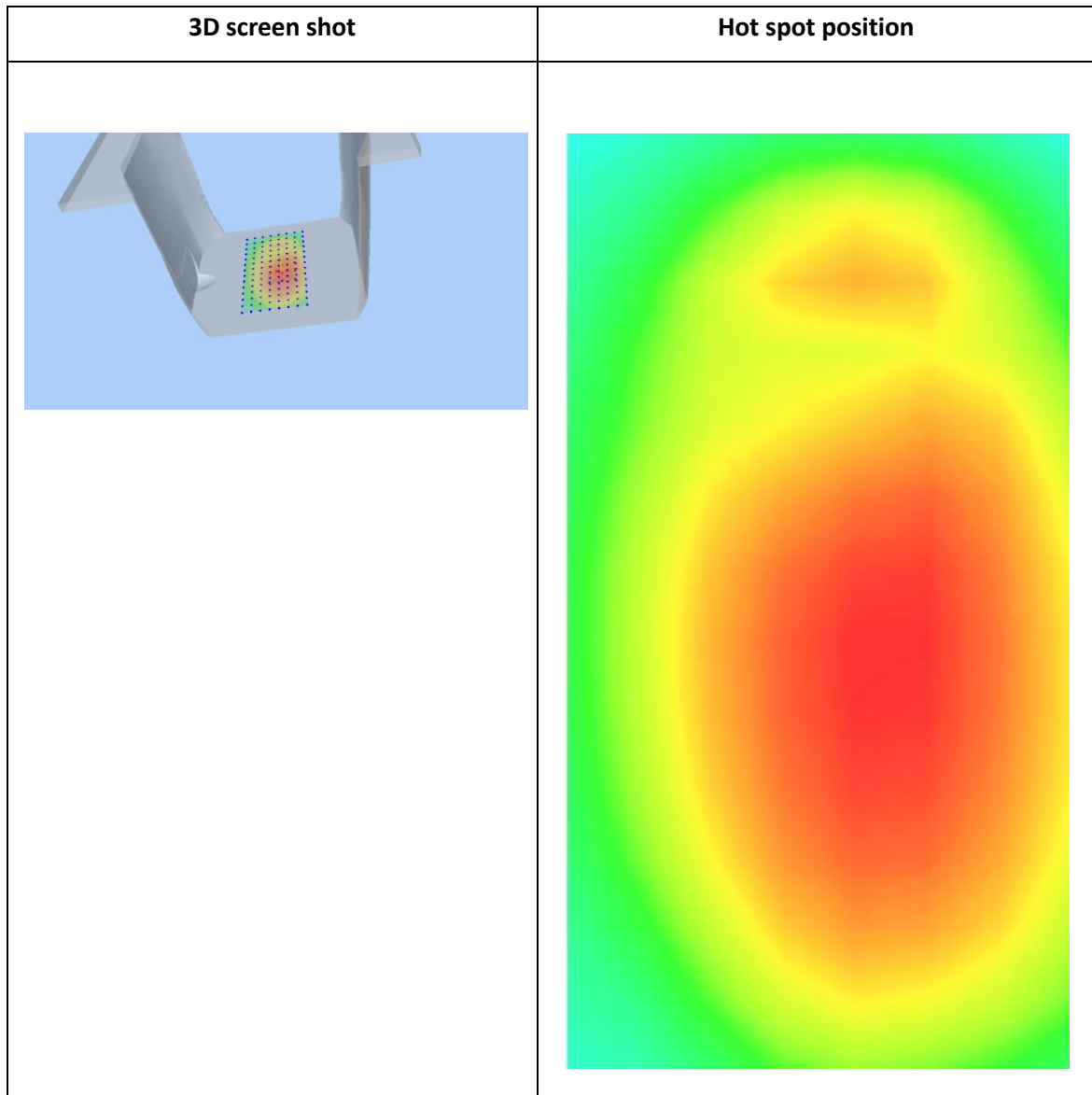
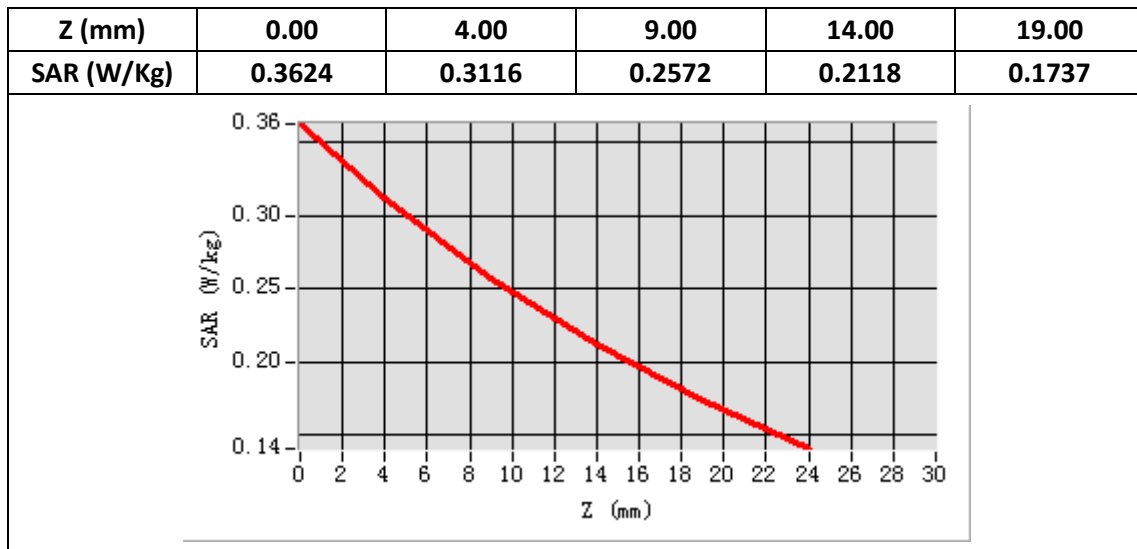
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	836.6
Relative permittivity (real part)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	-0.79
ConvF:	6.17



Maximum location: X=8.00, Y=-9.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.241096
SAR 1g (W/Kg)	0.307297



Plot 8: WCDMA1900, Right Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 34 seconds

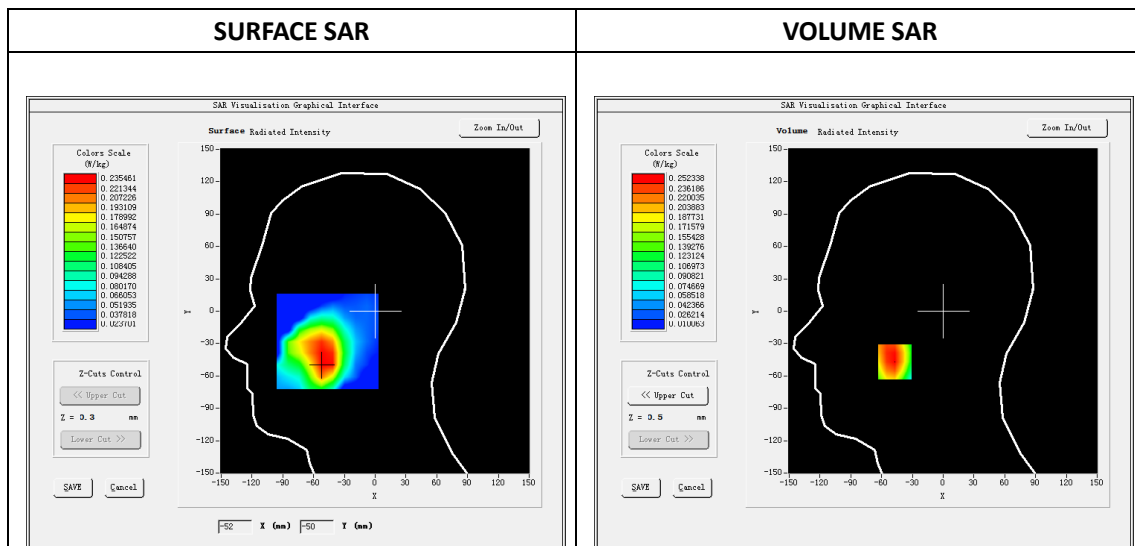
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

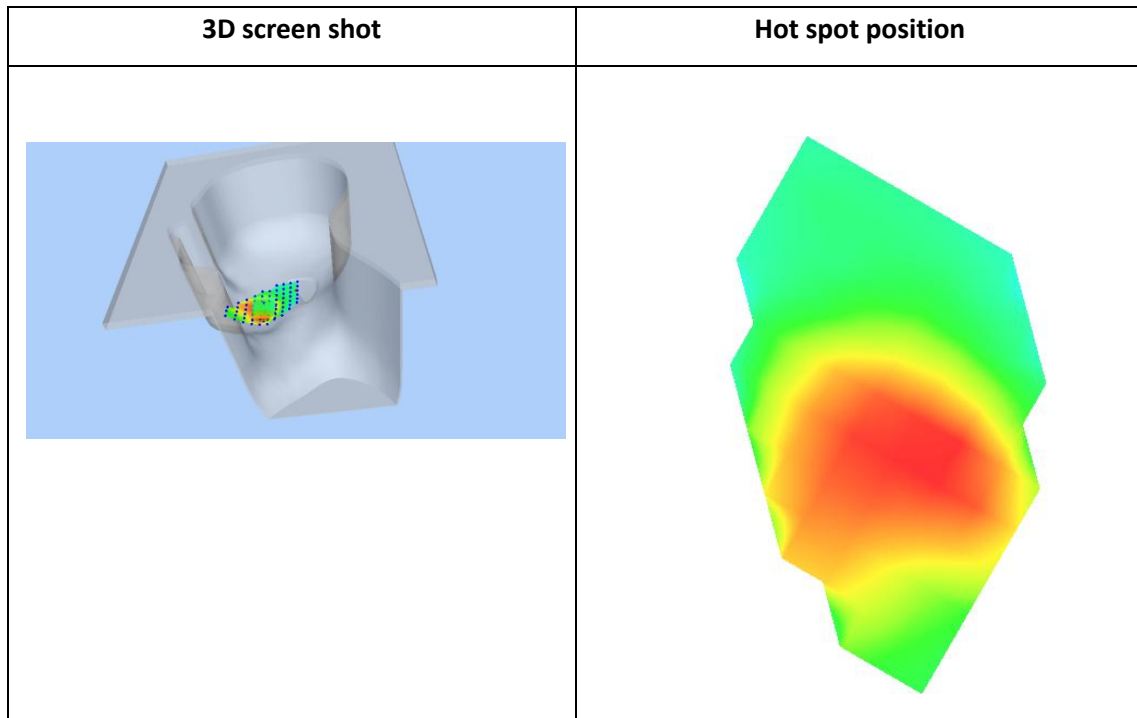
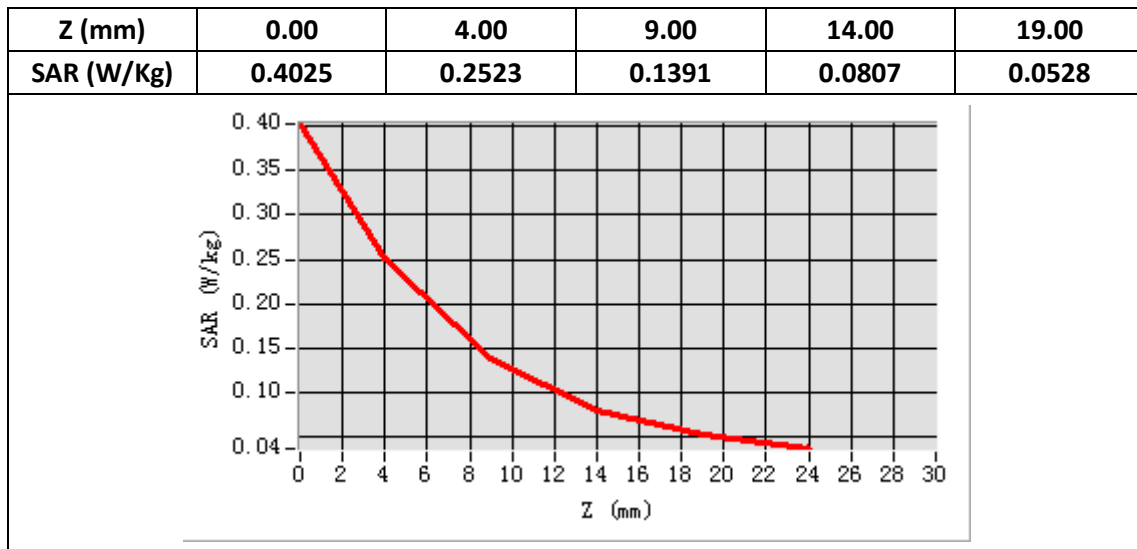
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	13.35
Conductivity (S/m)	1.42
Variation (%)	-0.74
ConvF:	5.90



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

SAR Peak: 0.41W/kg

SAR 10g (W/Kg)	0.143825
SAR 1g (W/Kg)	0.242732



Plot 9: WCDMA1900,Face, Middle,10mm

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 42 seconds

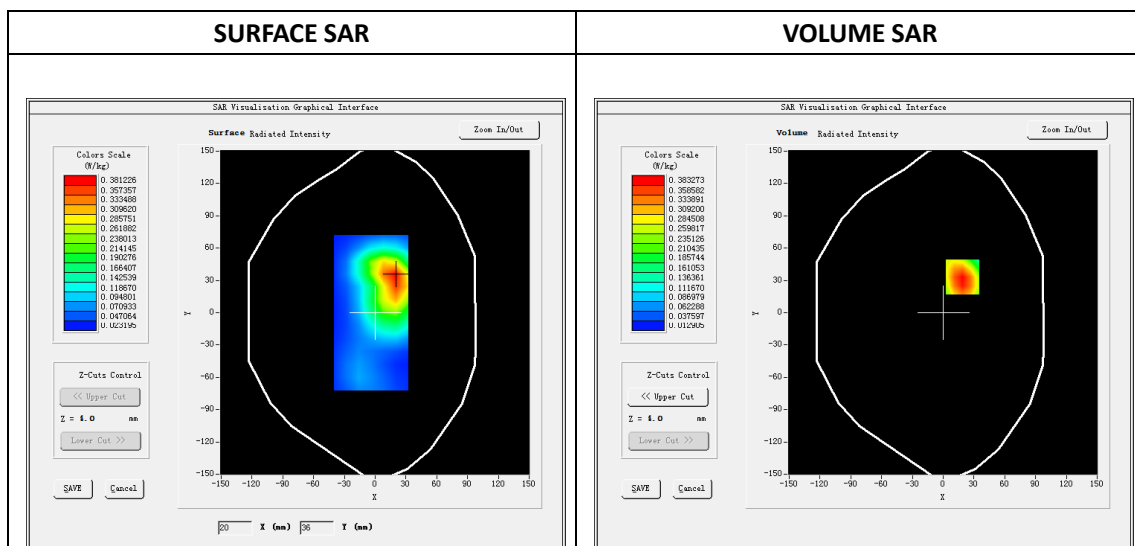
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

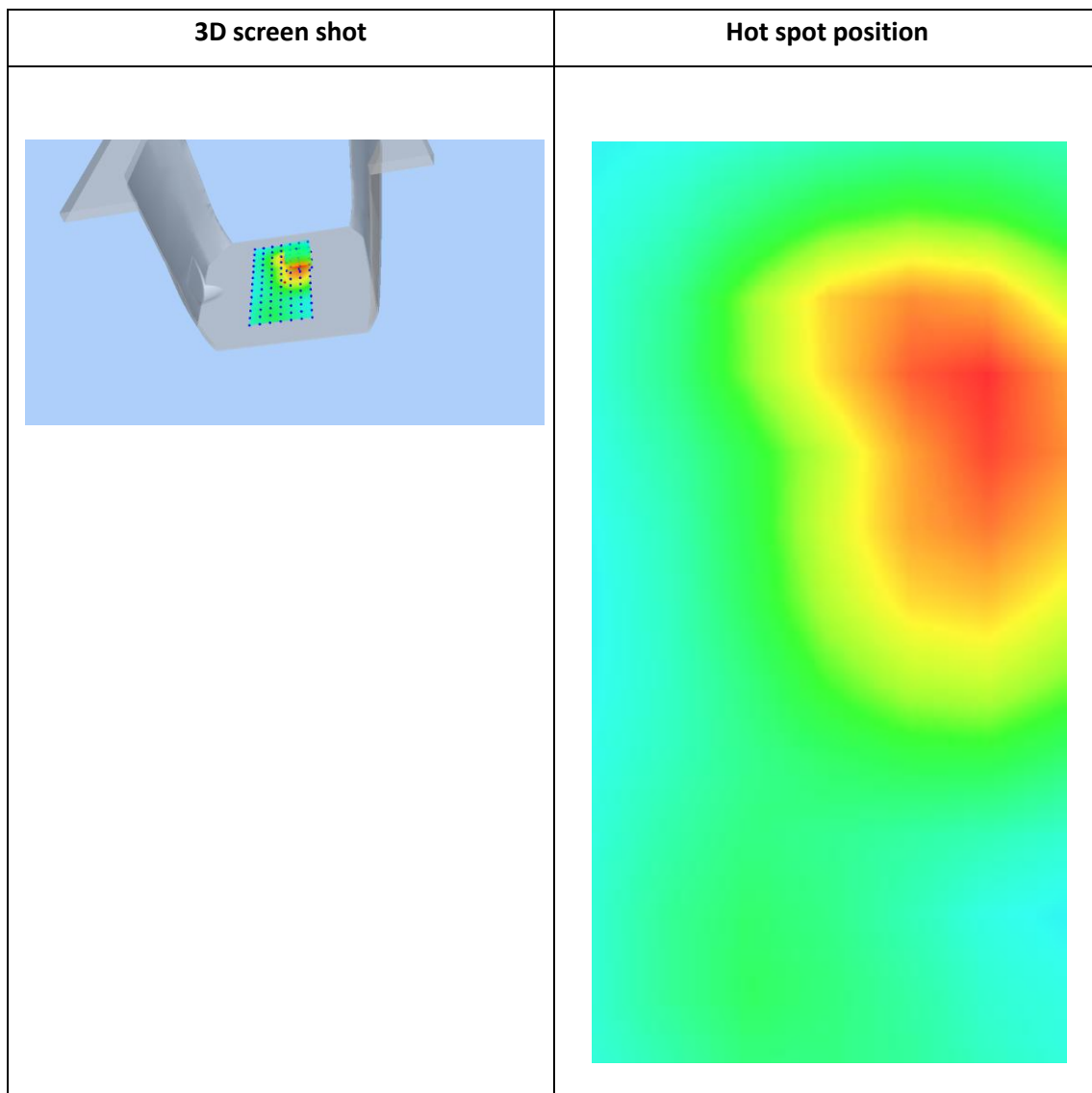
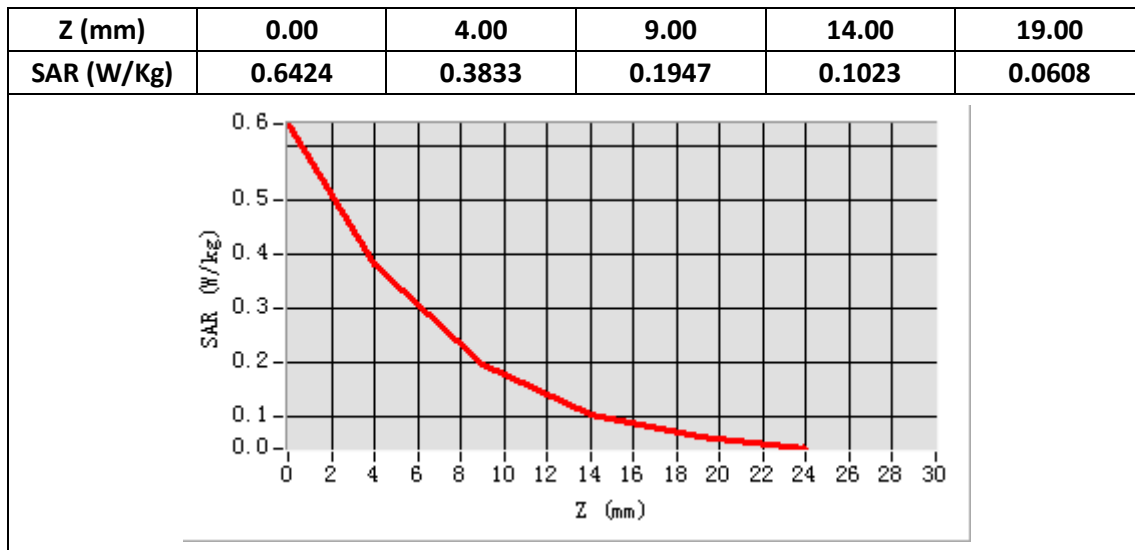
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-0.18
ConvF:	6.10



Maximum location: X=19.00, Y=33.00

SAR Peak: 0.65W/kg

SAR 10g (W/Kg)	0.201951
SAR 1g (W/Kg)	0.367007



Plot 10: WCDMA1900,Edge C, Middle,10mm

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 47 seconds

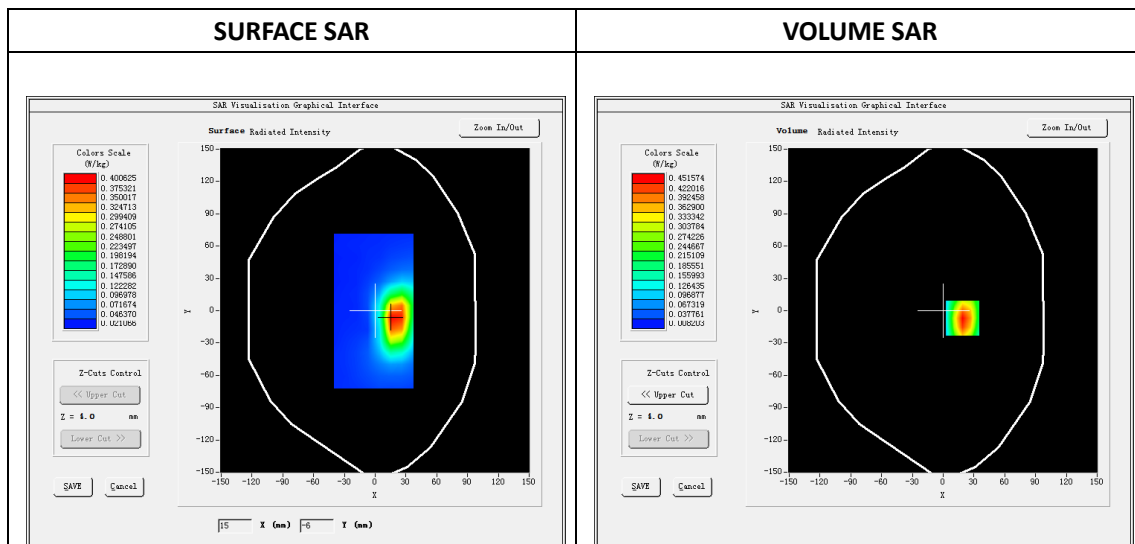
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

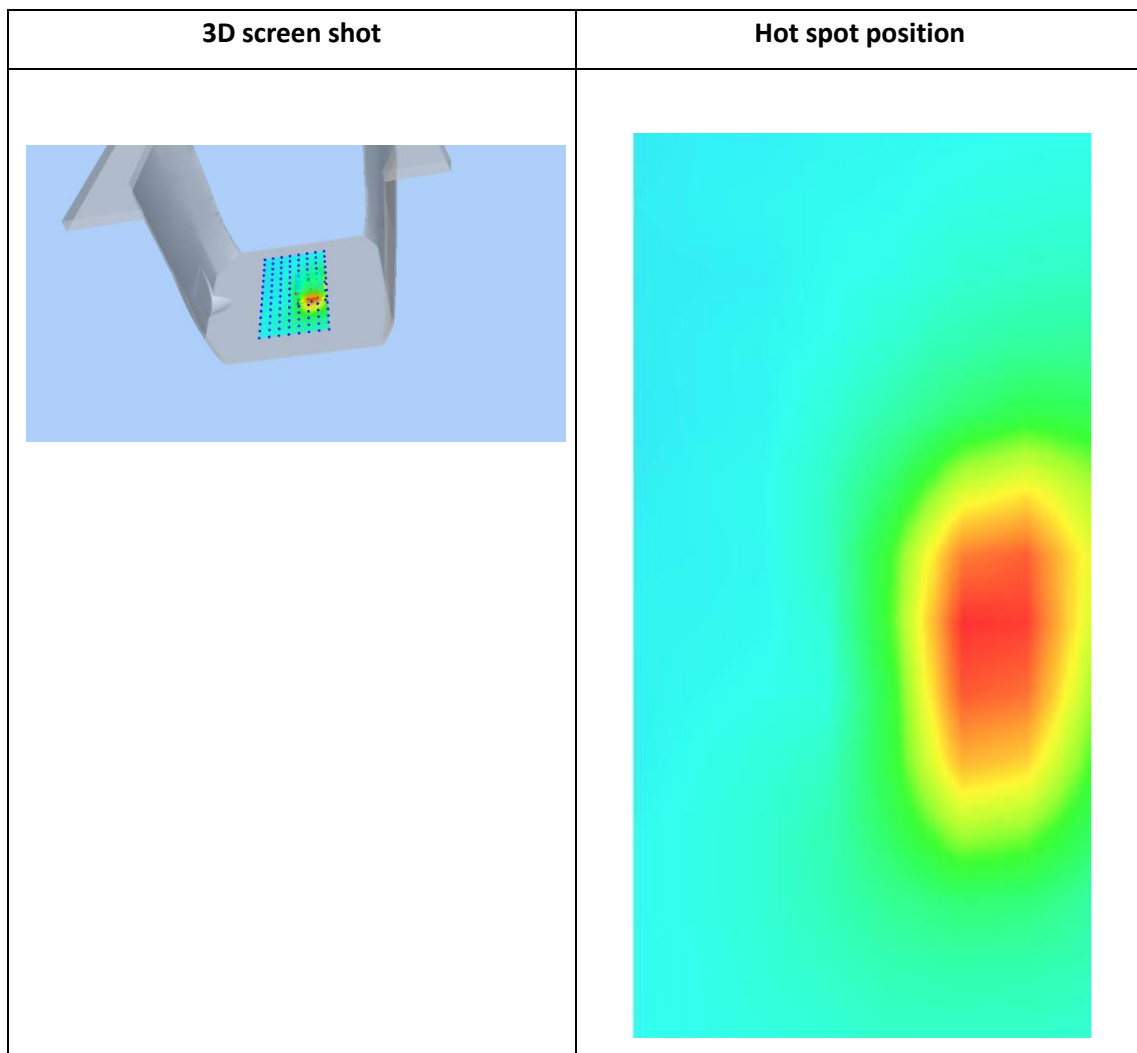
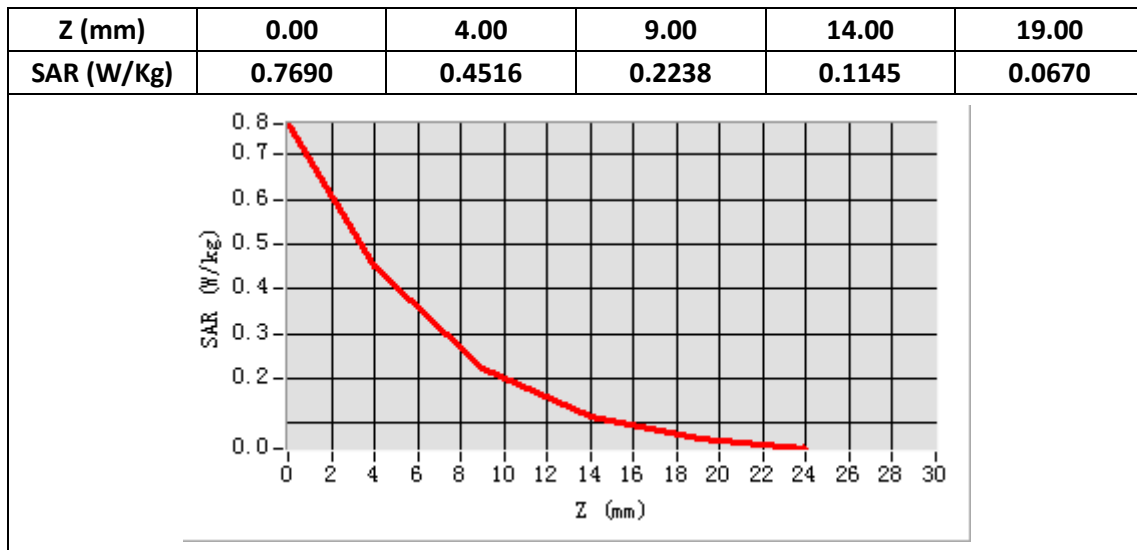
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-1.99
ConvF:	6.10



Maximum location: X=19.00, Y=-7.00

SAR Peak: 0.77W/kg

SAR 10g (W/Kg)	0.213830
SAR 1g (W/Kg)	0.424105



Plot 11: WCDMA1700, Right Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 01/31/2019

Measurement duration: 22 minutes 21 seconds

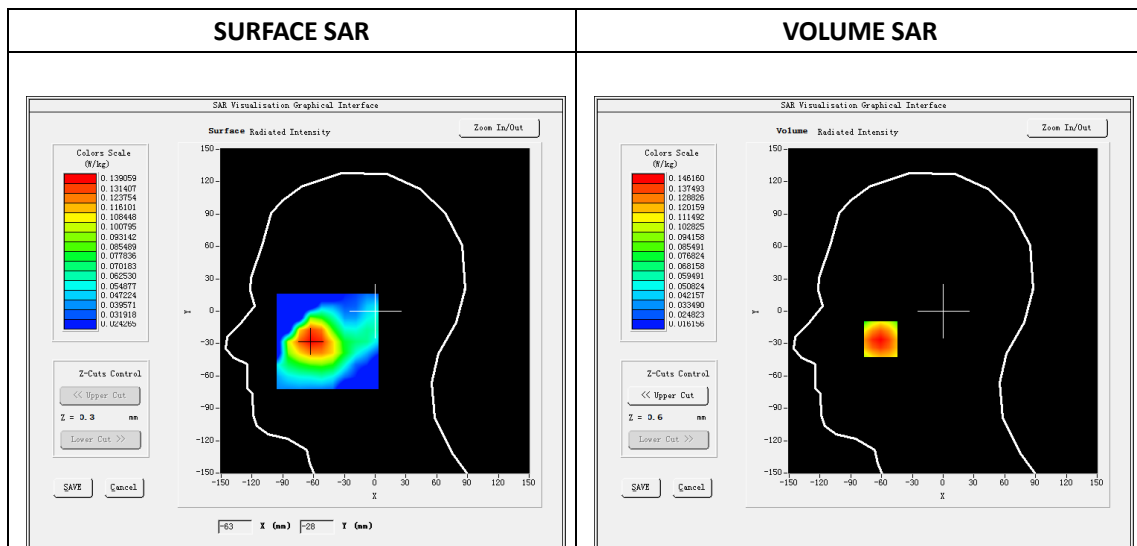
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

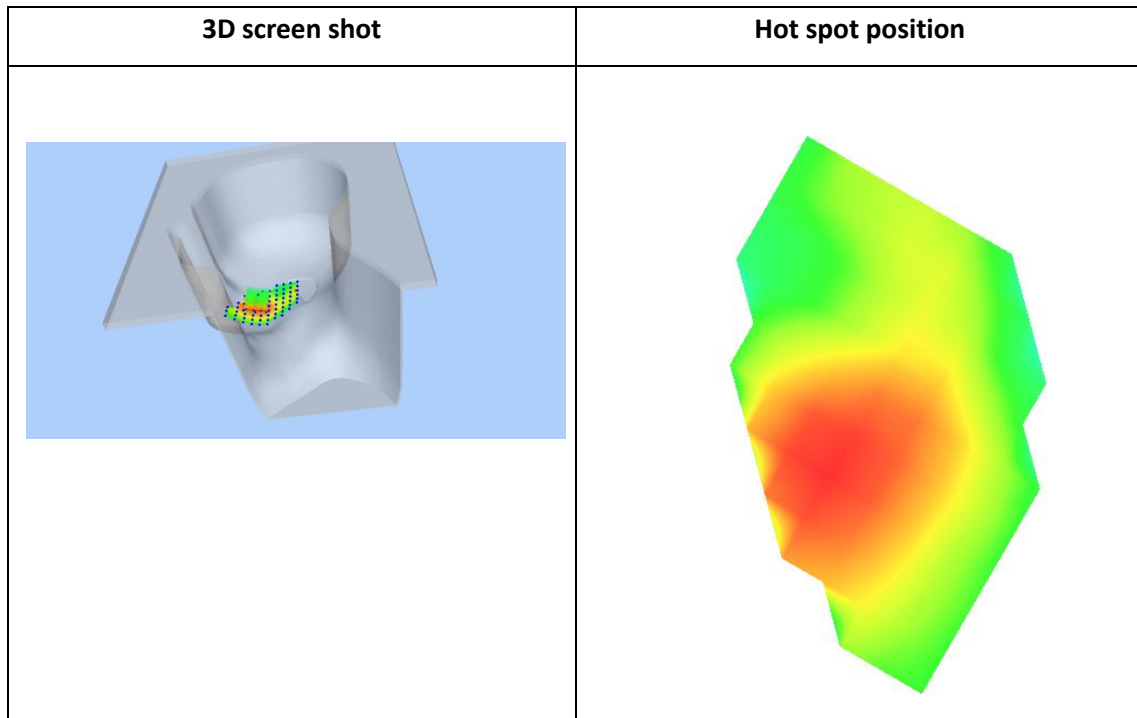
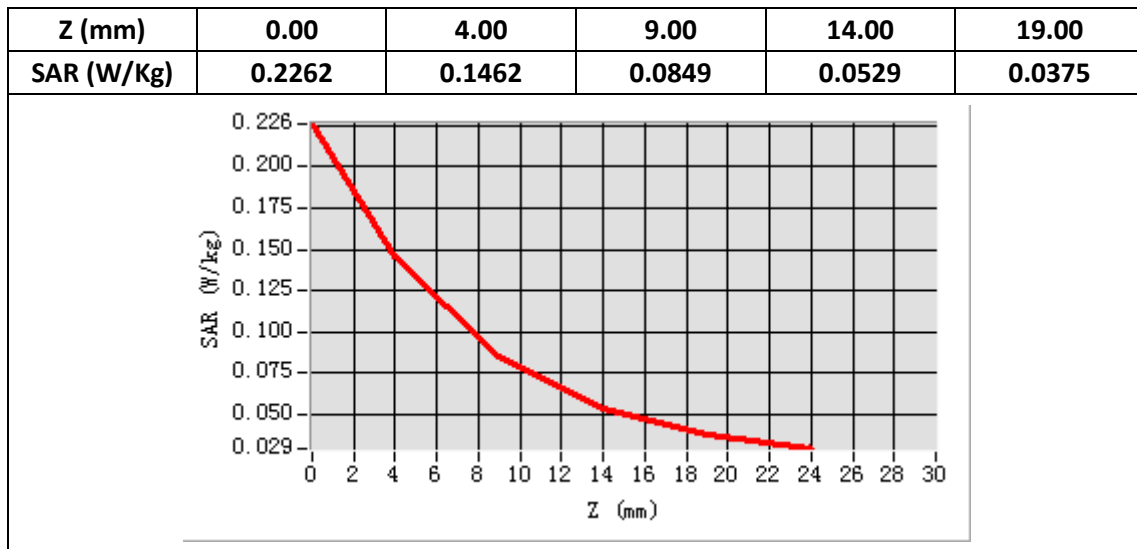
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1732.6
Relative permittivity (real part)	40.44
Relative permittivity (imaginary part)	14.15
Conductivity (S/m)	1.40
Variation (%)	-2.98
ConvF:	5.90



Maximum location: X=-61.00, Y=-26.00

SAR Peak: 0.23W/kg

SAR 10g (W/Kg)	0.086719
SAR 1g (W/Kg)	0.135052



Plot 12: WCDMA1700,Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/31/2019

Measurement duration: 22 minutes 35 seconds

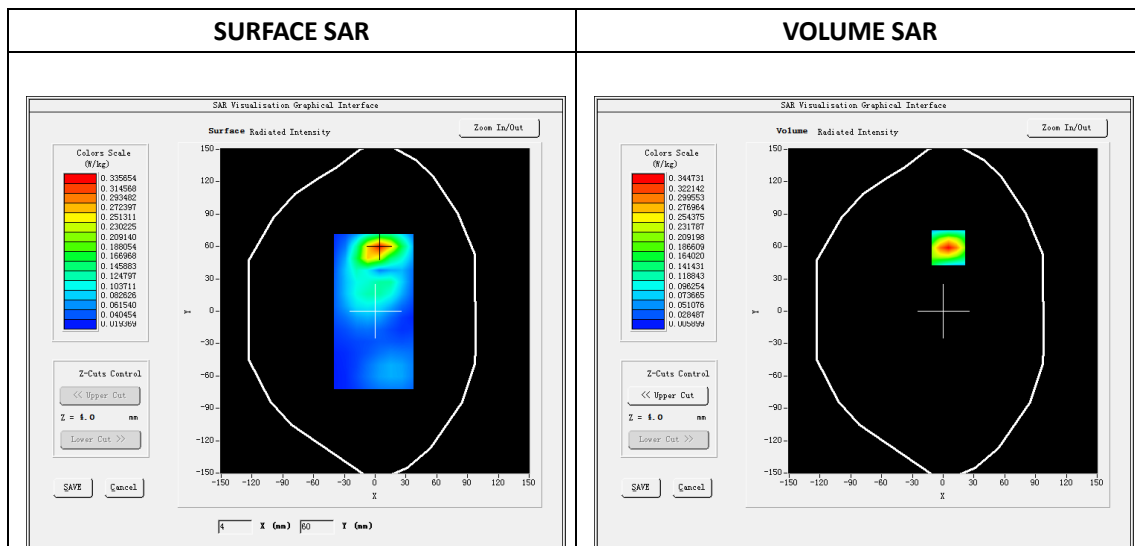
Mobile Phone IMEI number: --

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

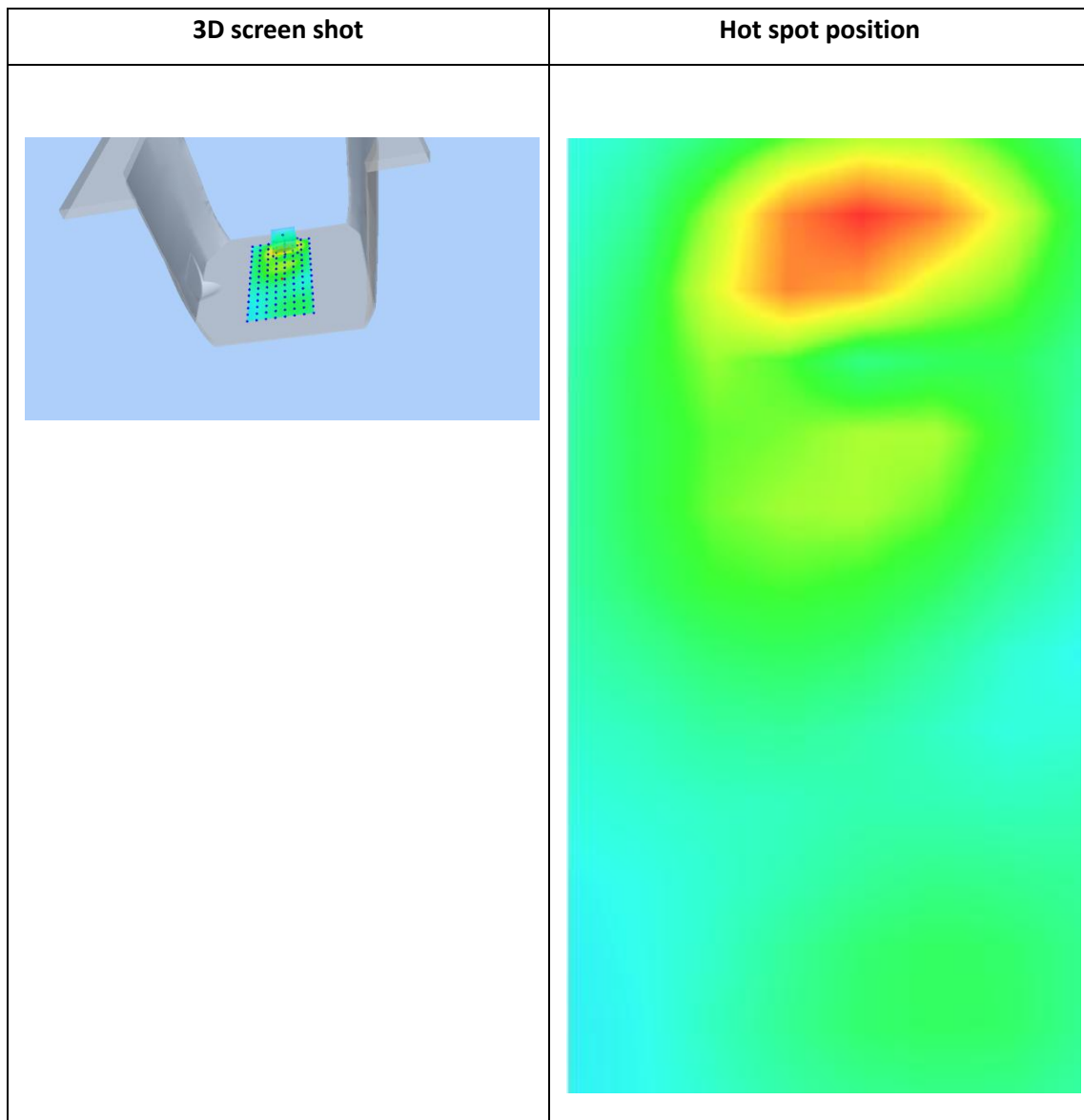
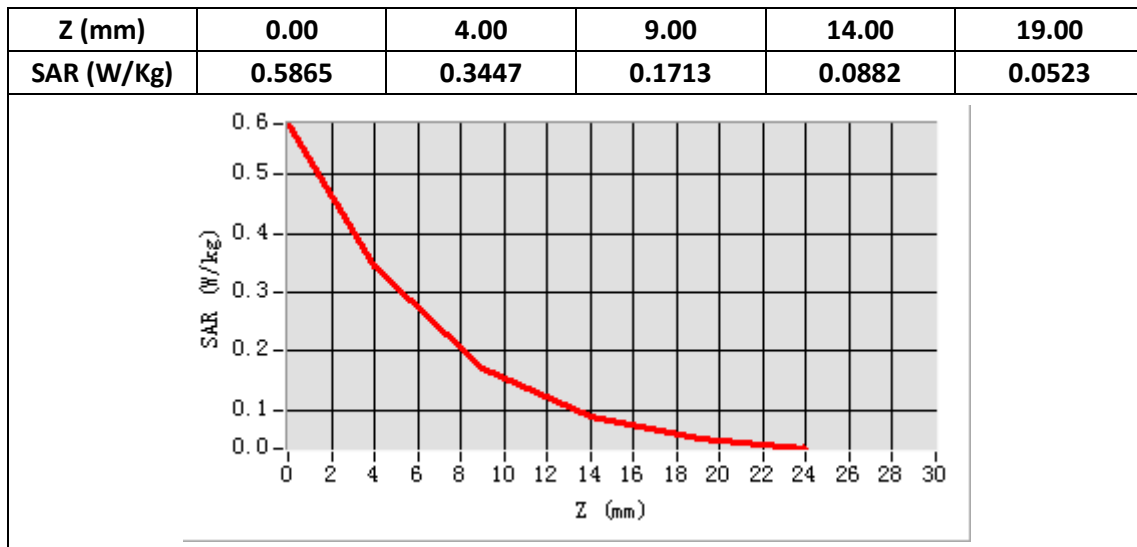
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1732.6
Relative permittivity (real part)	53.31
Relative permittivity (imaginary part)	15.21
Conductivity (S/m)	1.51
Variation (%)	-0.96
ConvF:	6.10



Maximum location: X=5.00, Y=59.00

SAR Peak: 0.59W/kg

SAR 10g (W/Kg)	0.154549
SAR 1g (W/Kg)	0.301087



Plot 13: LTE Band2, 20MHz, Right Cheek , Middle

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 25 seconds

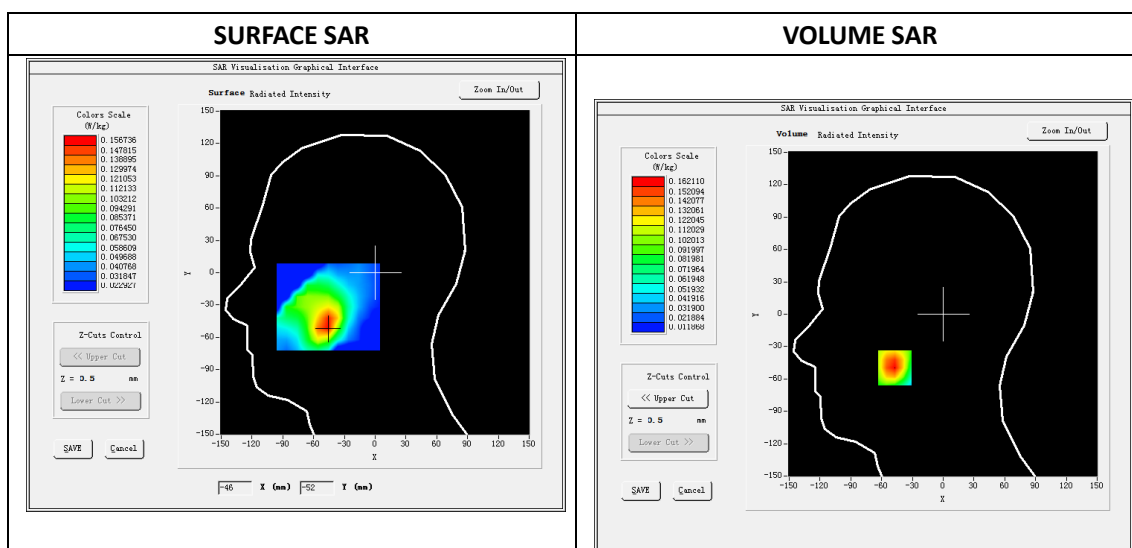
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

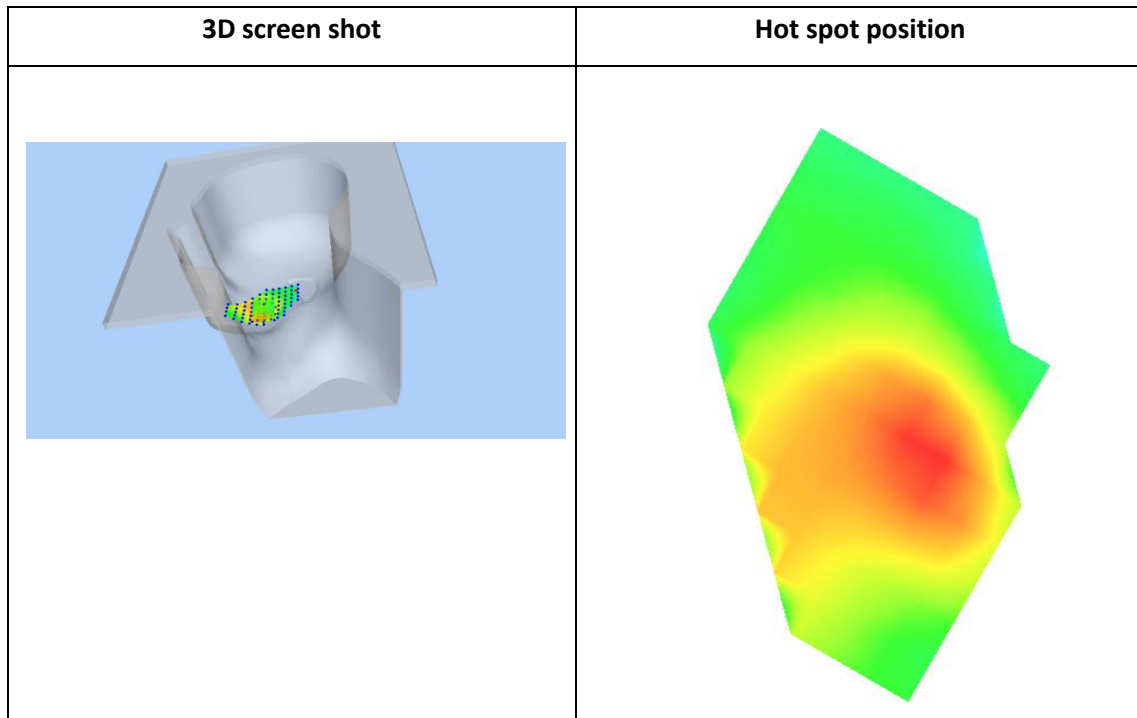
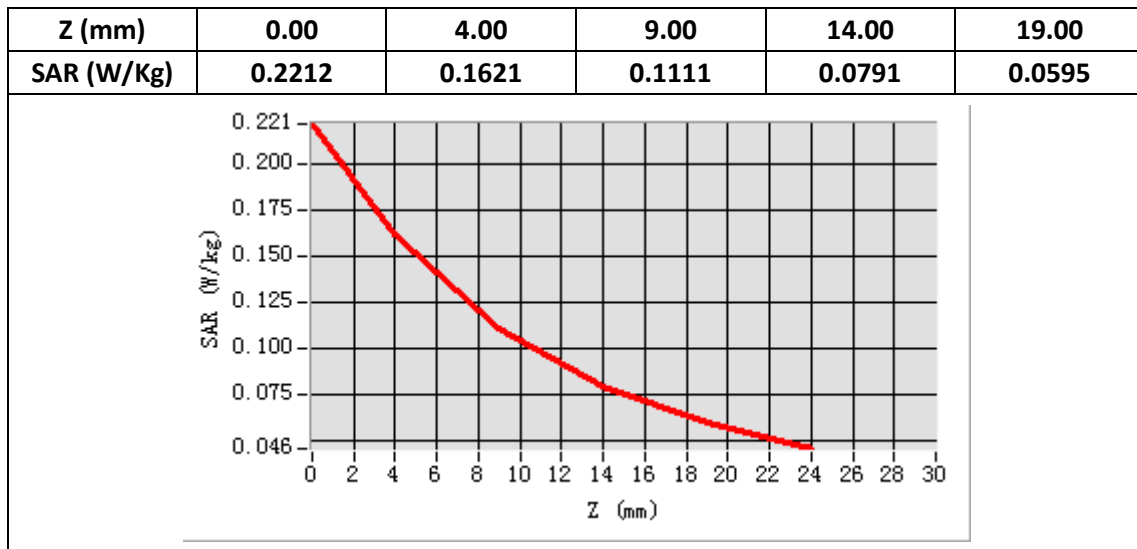
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	13.35
Conductivity (S/m)	1.42
Variation (%)	1.84
ConvF:	5.90



Maximum location: X=-47.00, Y=-50.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.099054
SAR 1g (W/Kg)	0.154555



Plot 14: LTE Band2, 20MHz, Face Middle,10mm

Type: Phone measurement

Date of measurement: 02/01/2019

Measurement duration: 22 minutes 43 seconds

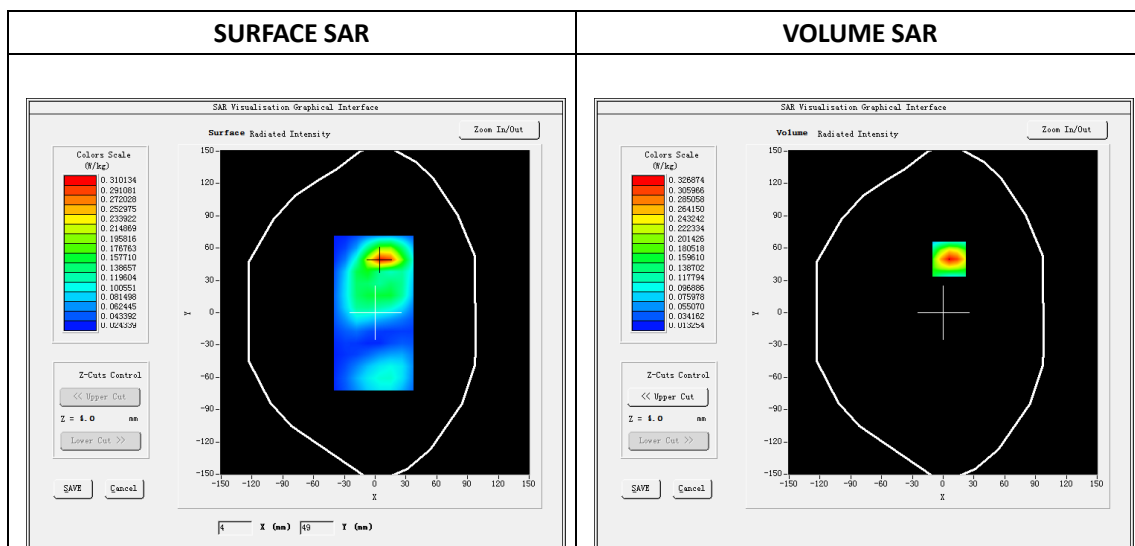
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

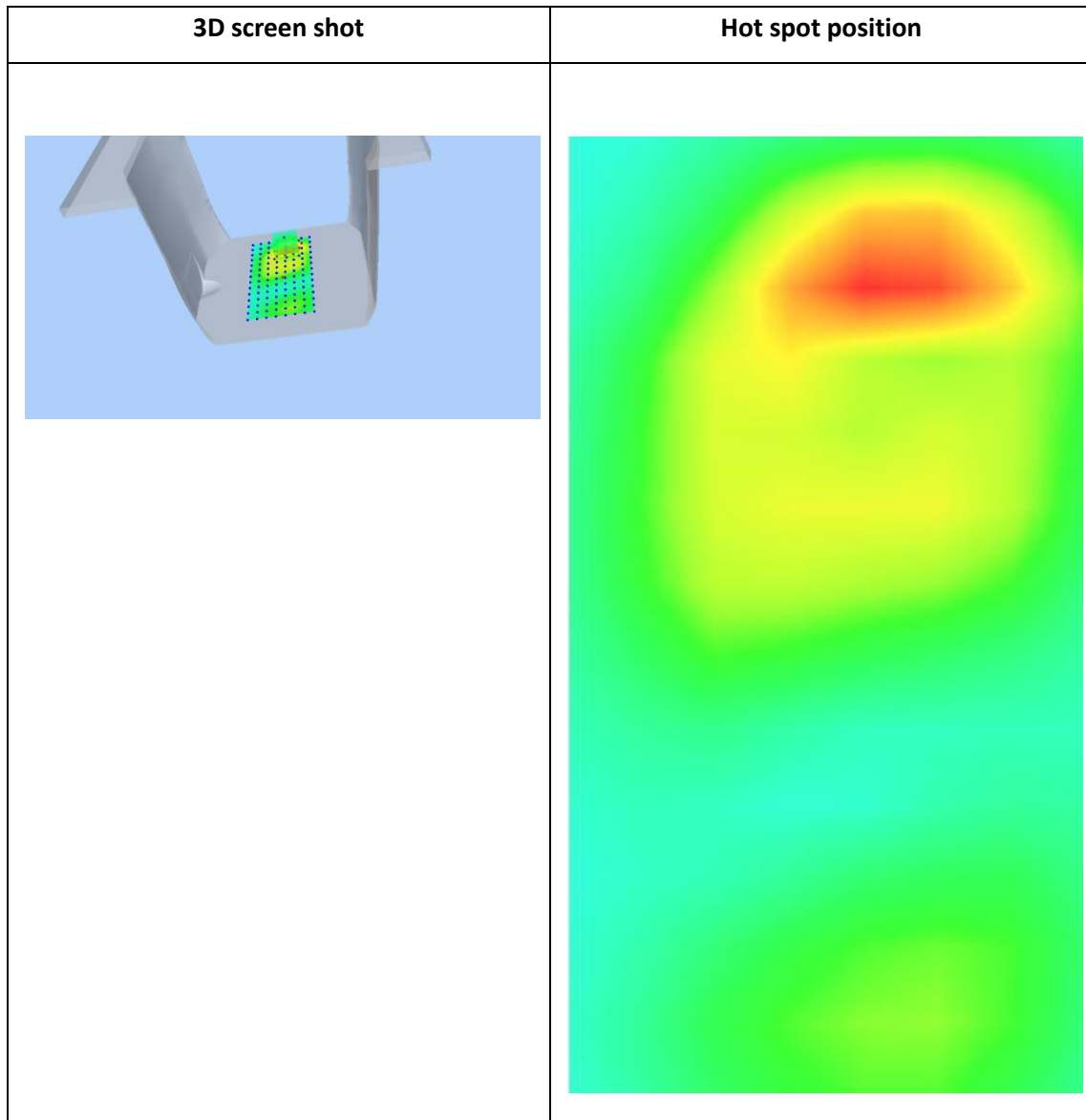
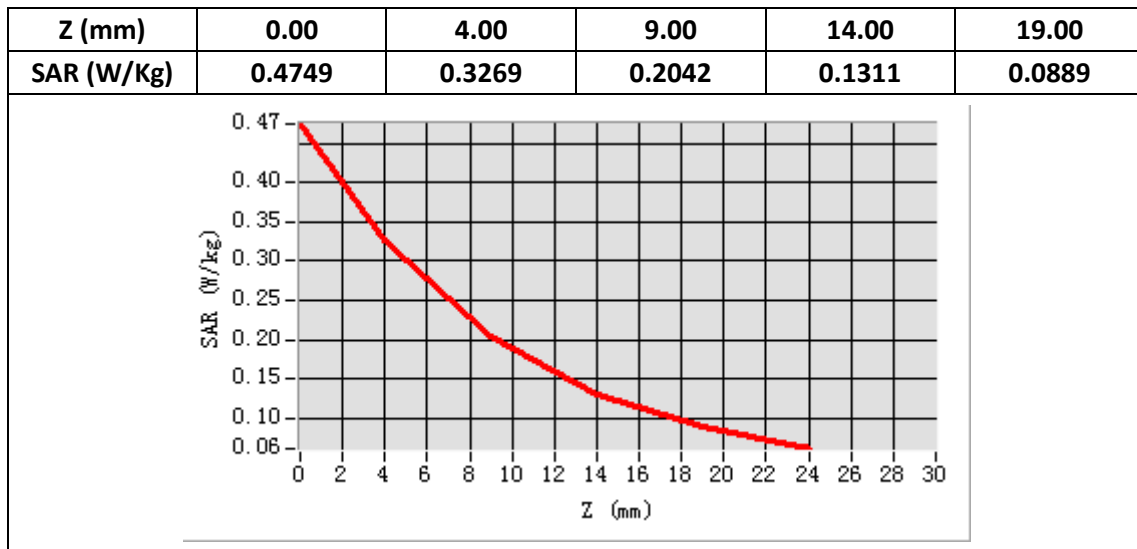
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	0.02
ConvF:	5.90



Maximum location: X=6.00, Y=50.00

SAR Peak: 0.48W/kg

SAR 10g (W/Kg)	0.169646
SAR 1g (W/Kg)	0.303093



Plot 15: LTE Band4, 20MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 01/31/2019

Measurement duration: 22 minutes 26 seconds

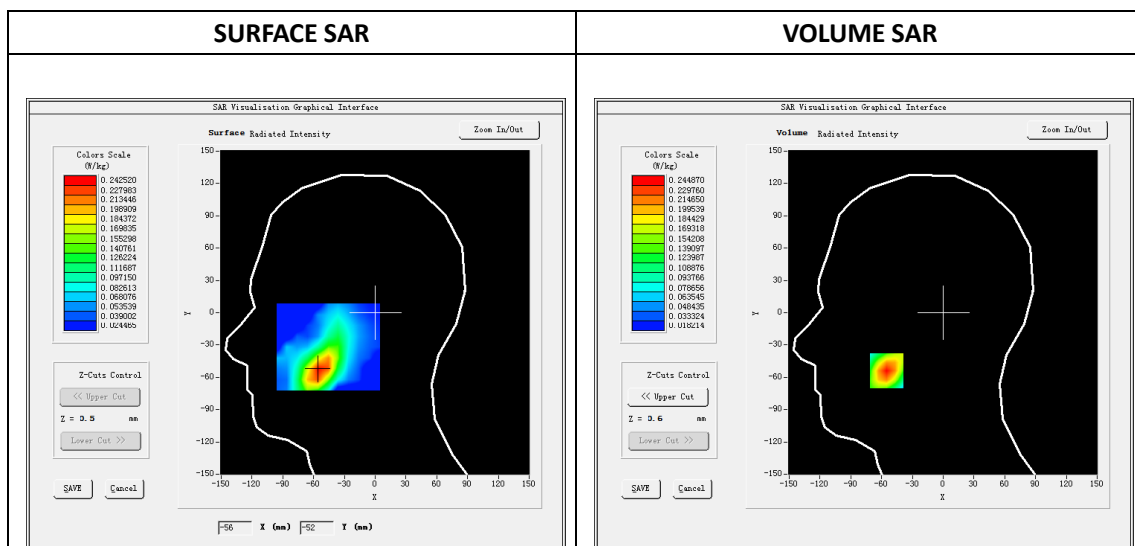
Mobile Phone IMEI number: --

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 4
Channels	20175
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

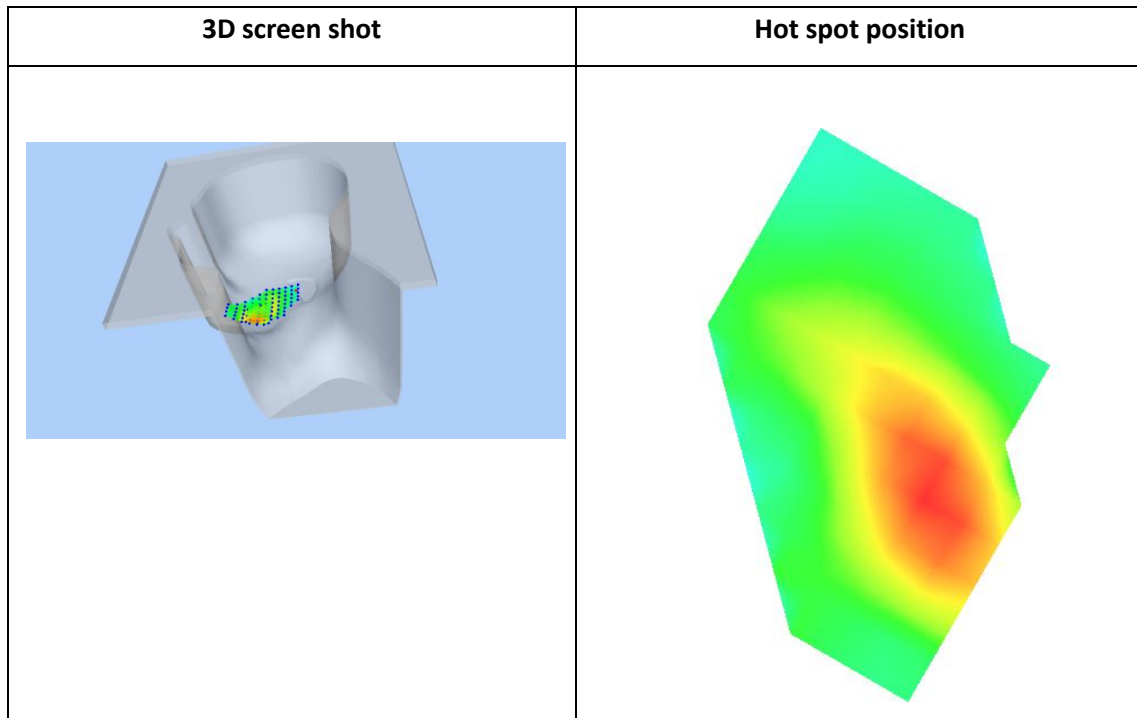
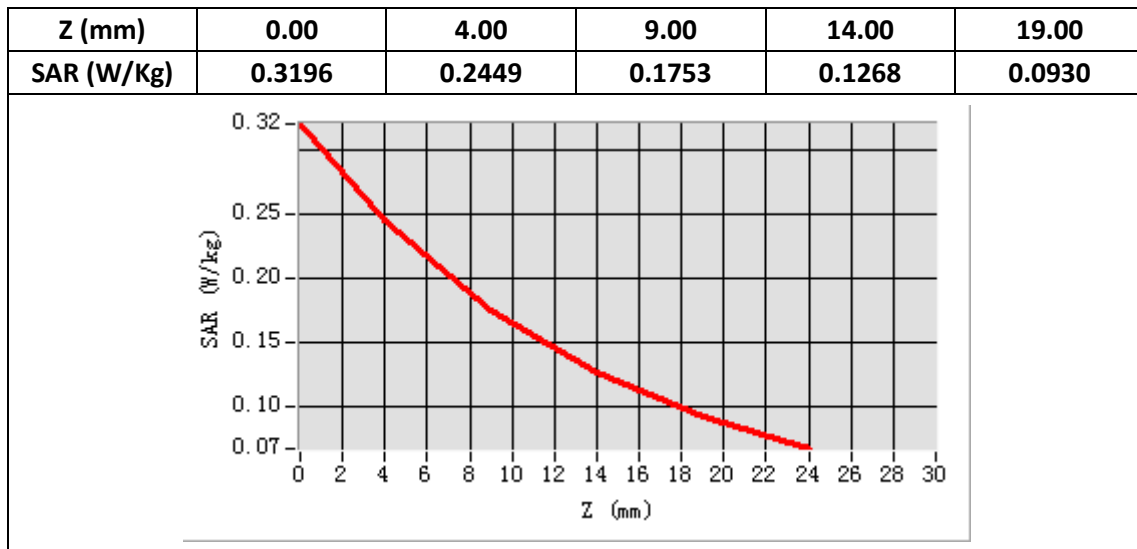
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1732.5
Relative permittivity (real part)	40.44
Relative permittivity (imaginary part)	14.15
Conductivity (S/m)	1.40
Variation (%)	-2.82
ConvF:	5.43



Maximum location: X=-55.00, Y=-54.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.148760
SAR 1g (W/Kg)	0.234195



Plot 16: LTE Band4, 20MHz, Face, Middle,10mm

Type: Phone measurement

Date of measurement: 01/31/2019

Measurement duration: 22 minutes 46 seconds

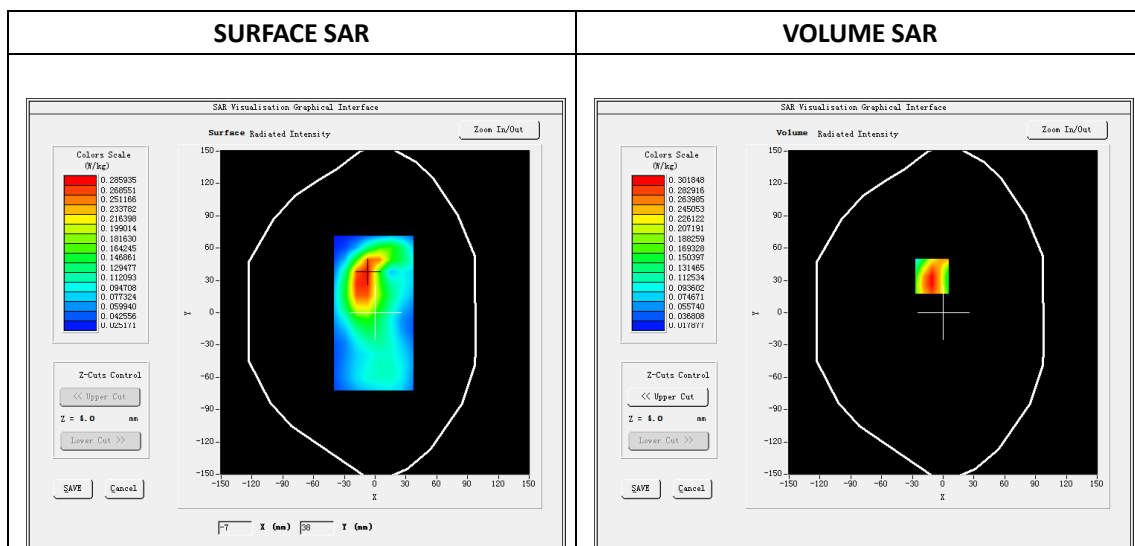
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

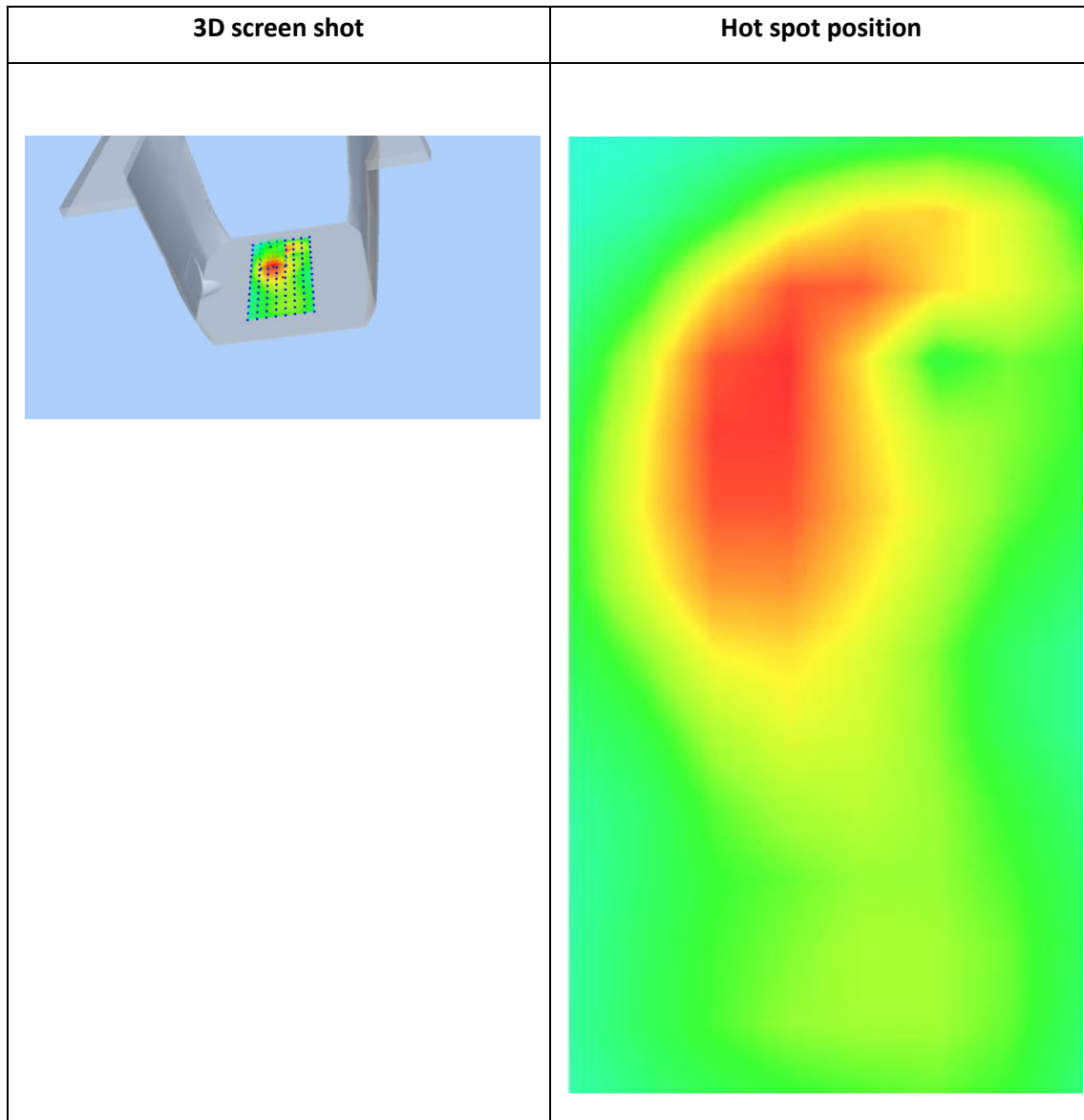
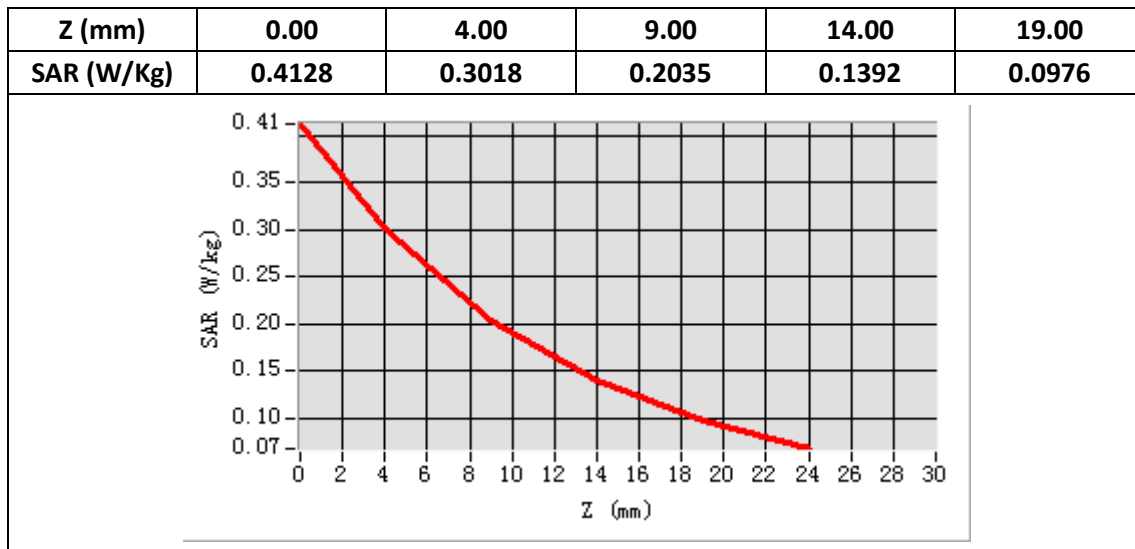
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.31
Relative permittivity (imaginary part)	15.21
Conductivity (S/m)	1.51
Variation (%)	-2.24
ConvF:	5.60



Maximum location: X=-11.00, Y=34.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.180364
SAR 1g (W/Kg)	0.371457



Plot 17 LTE Band5, 10MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 01/30/2019

Measurement duration: 22 minutes 23seconds

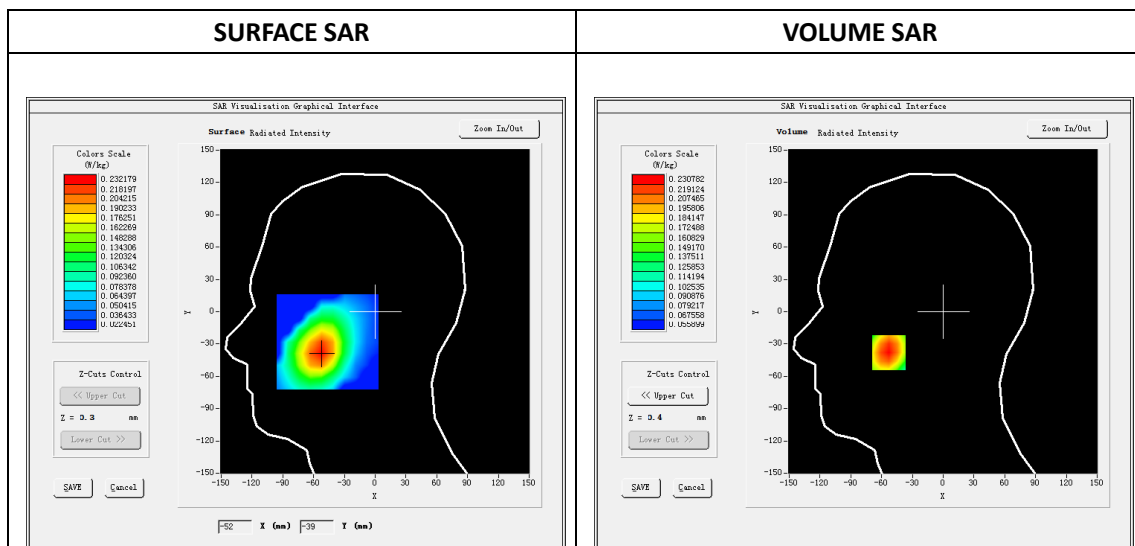
Mobile Phone IMEI number: --

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 5
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

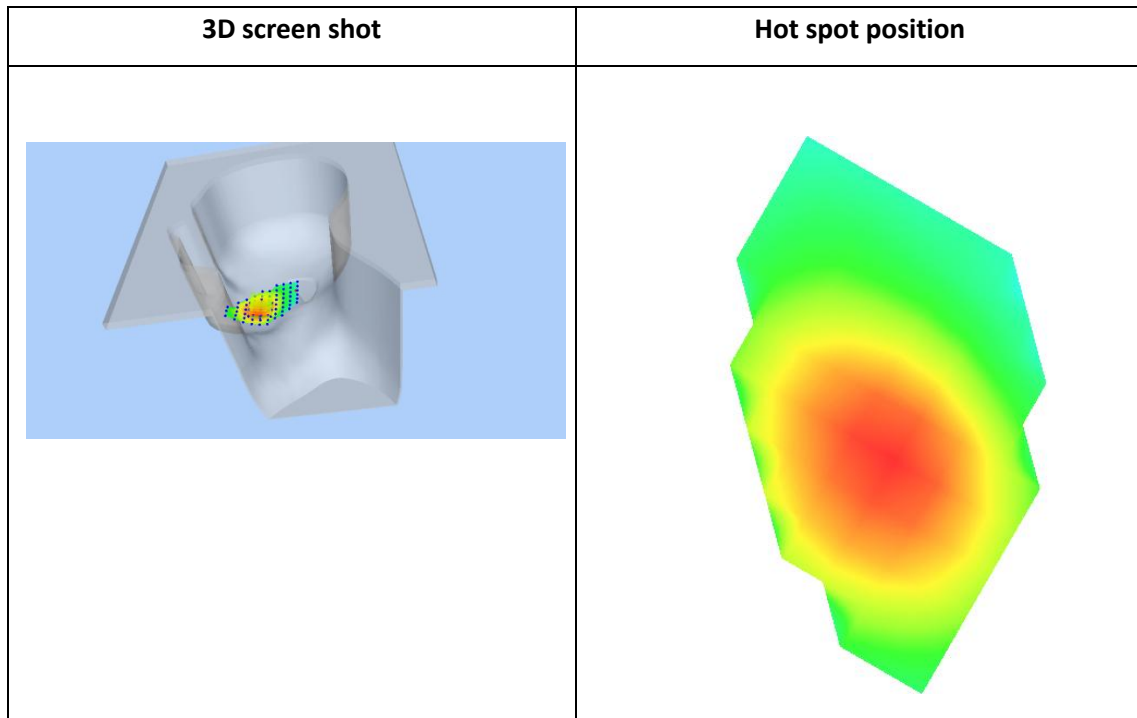
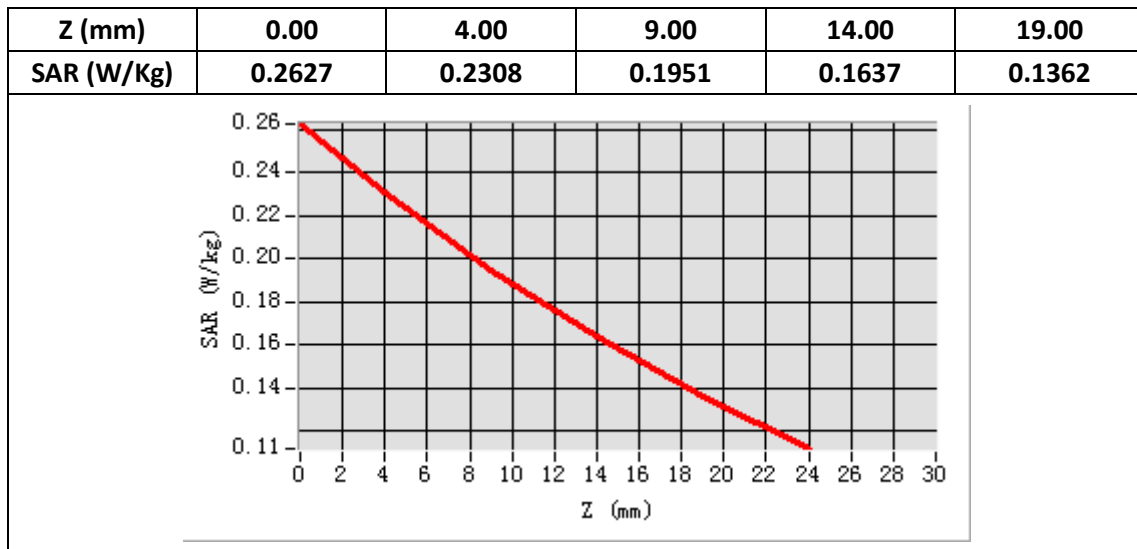
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	836.5
Relative permittivity (real part)	41.46
Relative permittivity (imaginary part)	18.88
Conductivity (S/m)	0.91
Variation (%)	-1.29
ConvF:	5.85



Maximum location: X=-53.00, Y=-38.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.175314
SAR 1g (W/Kg)	0.226208



Plot 18 LTE Band5, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/30/2019

Measurement duration: 22 minutes 48 seconds

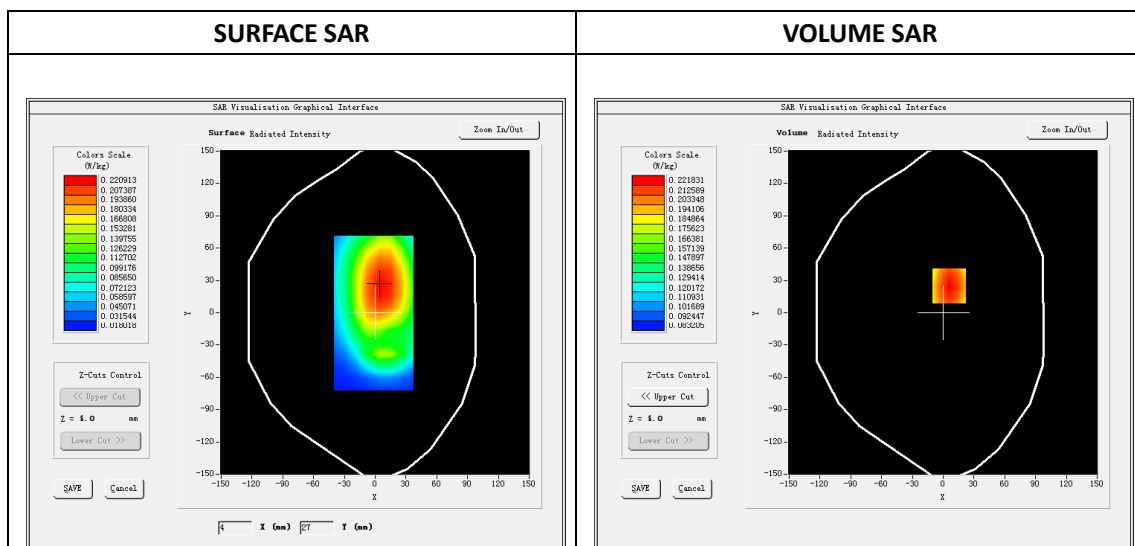
Mobile Phone IMEI number: --

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

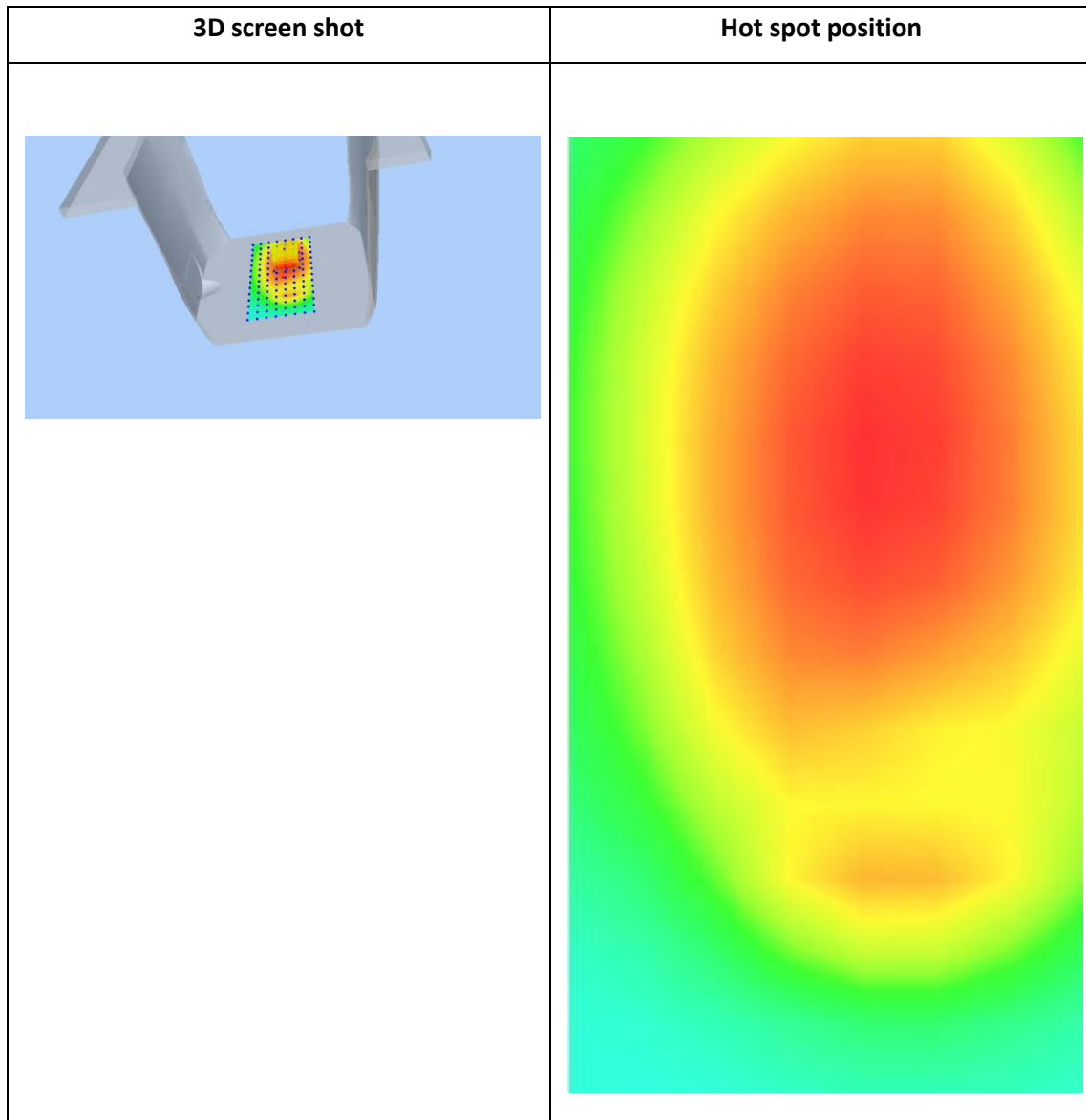
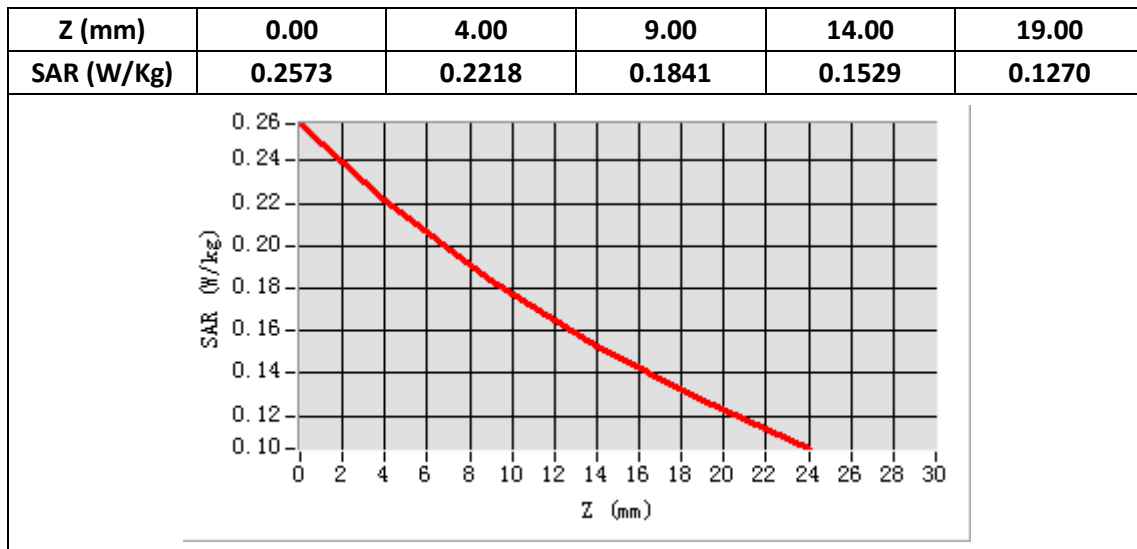
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	836.5
Relative permittivity (real part)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	-0.81
ConvF:	6.17



Maximum location: X=6.00, Y=25.00

SAR Peak: 0.26W/kg

SAR 10g (W/Kg)	0.173548
SAR 1g (W/Kg)	0.218994



Plot 19: LTE Band7, 20MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 02/11/2019

Measurement duration: 22 minutes 02 seconds

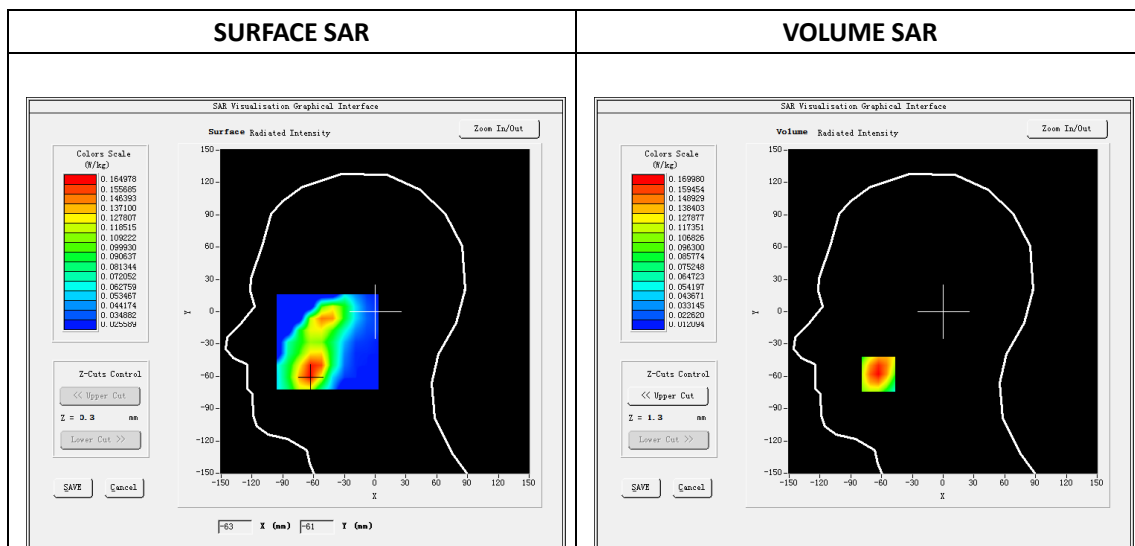
Mobile Phone IMEI number: --

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 7
Channels	21100
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

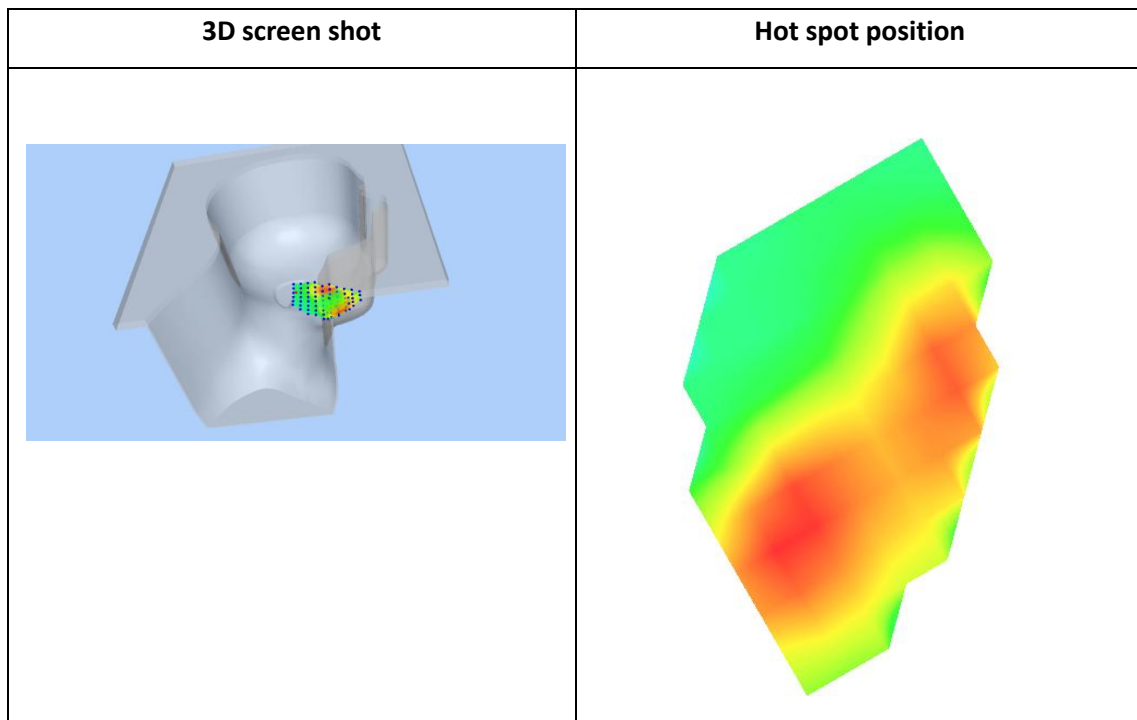
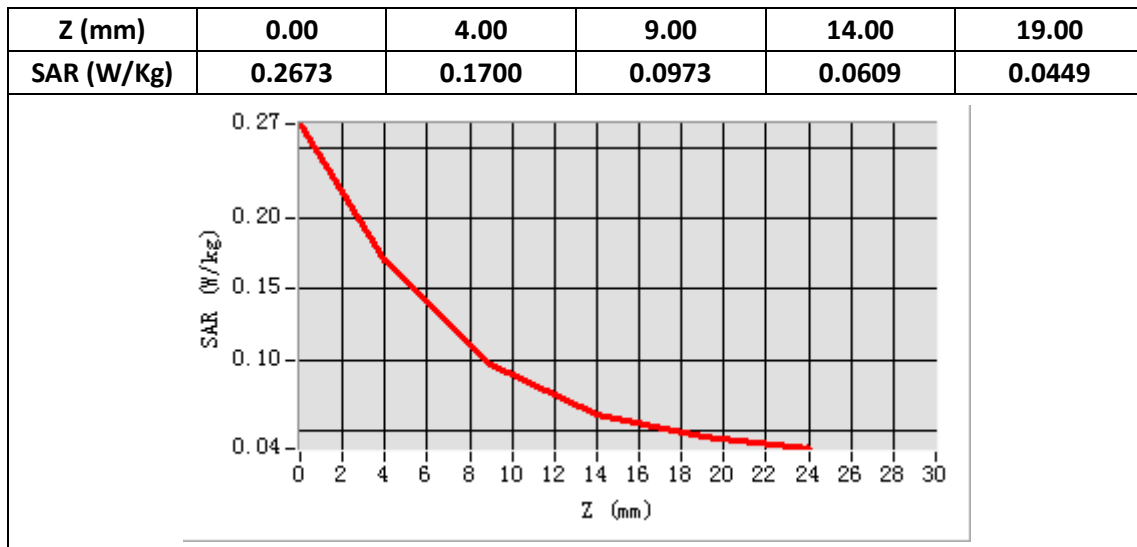
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	2535
Relative permittivity (real part)	39.15
Relative permittivity (imaginary part)	13.25
Conductivity (S/m)	1.96
Variation (%)	-2.35
ConvF:	5.25



Maximum location: X=-63.00, Y=-58.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.098602
SAR 1g (W/Kg)	0.162544



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

Type: Phone measurement

Date of measurement: 02/11/2019

Measurement duration: 22 minutes 12 seconds

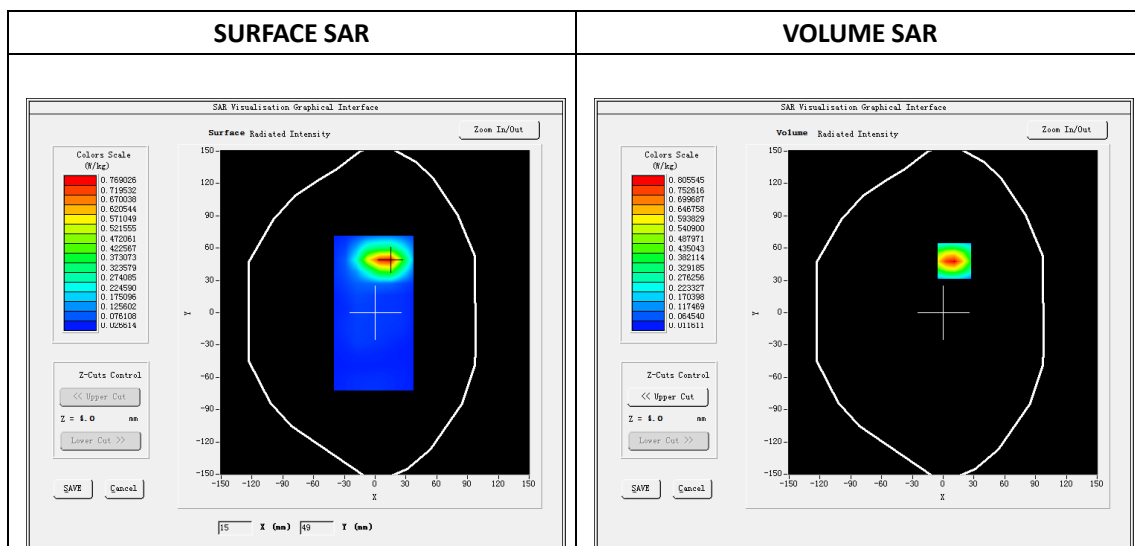
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge C
Band	LTE Band 7
Channels	21100
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

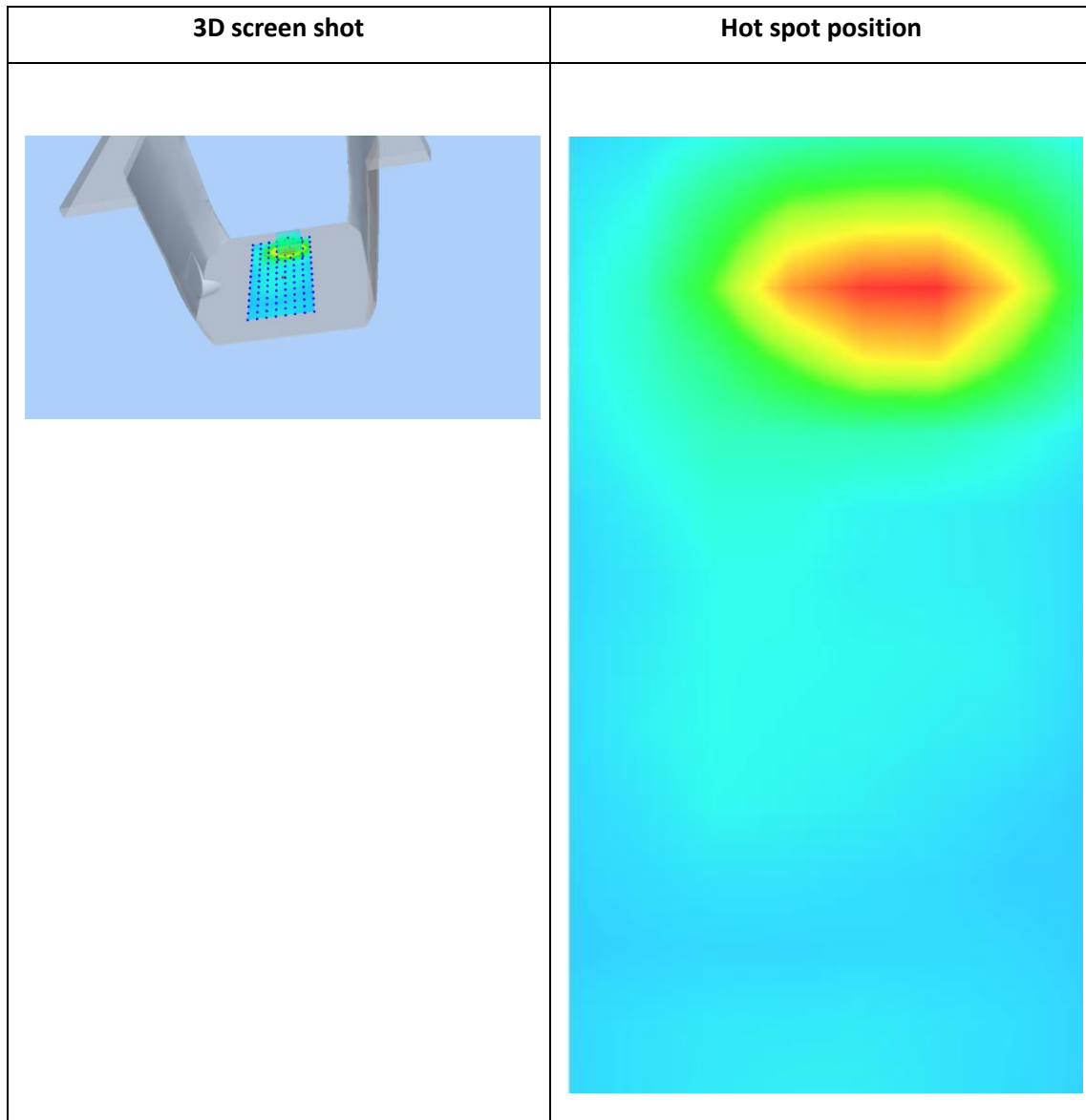
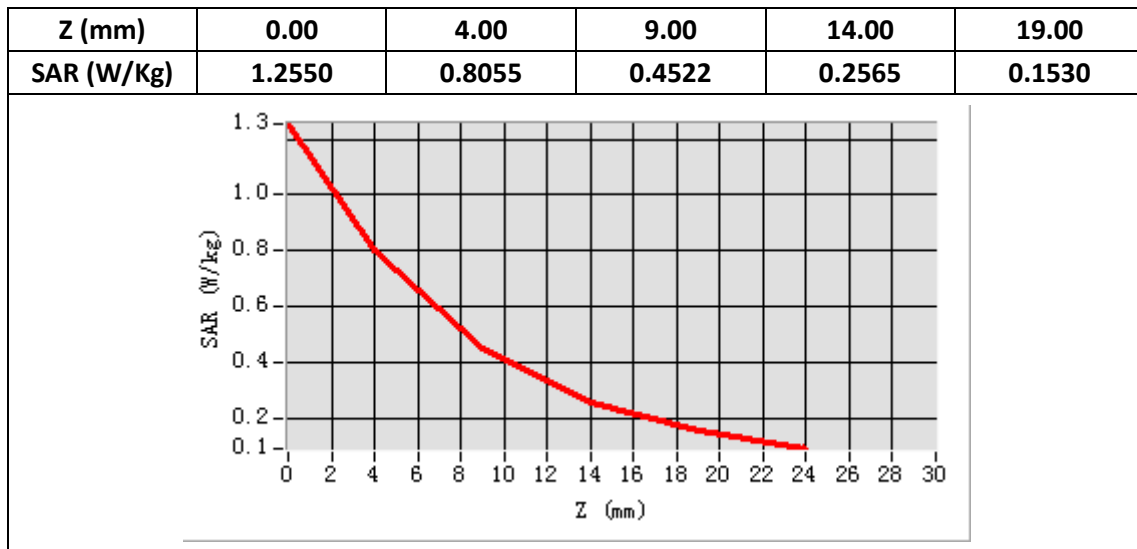
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	2535
Relative permittivity (real part)	52.51
Relative permittivity (imaginary part)	14.75
Conductivity (S/m)	2.14
Variation (%)	4.60
ConvF:	5.28



Maximum location: X=11.00, Y=48.00

SAR Peak: 1.27W/kg

SAR 10g (W/Kg)	0.377170
SAR 1g (W/Kg)	0.745026



Plot 21 LTE Band12, 10MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 02/12/2019

Measurement duration: 22 minutes 15 seconds

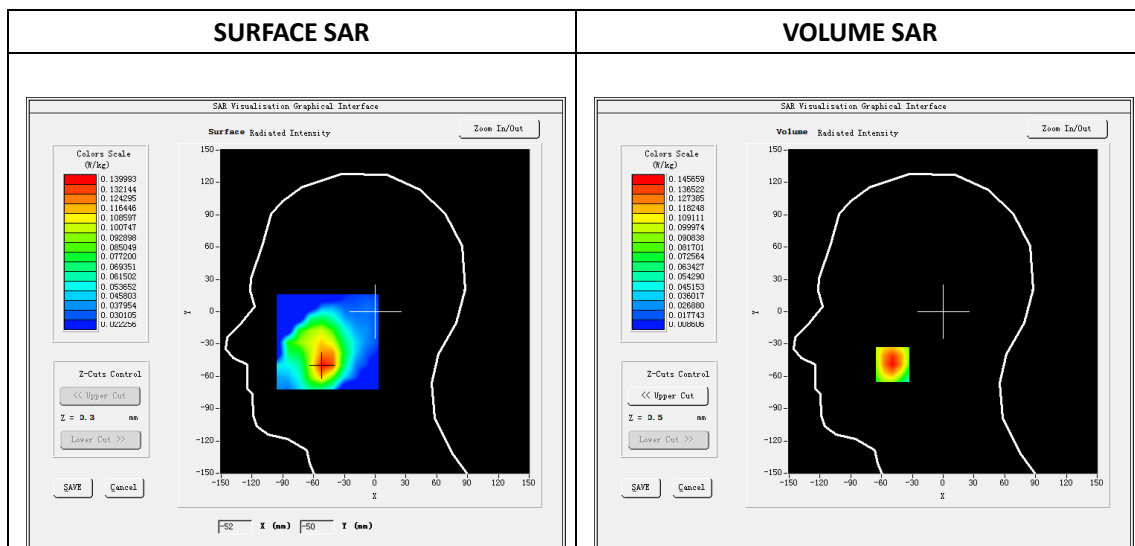
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

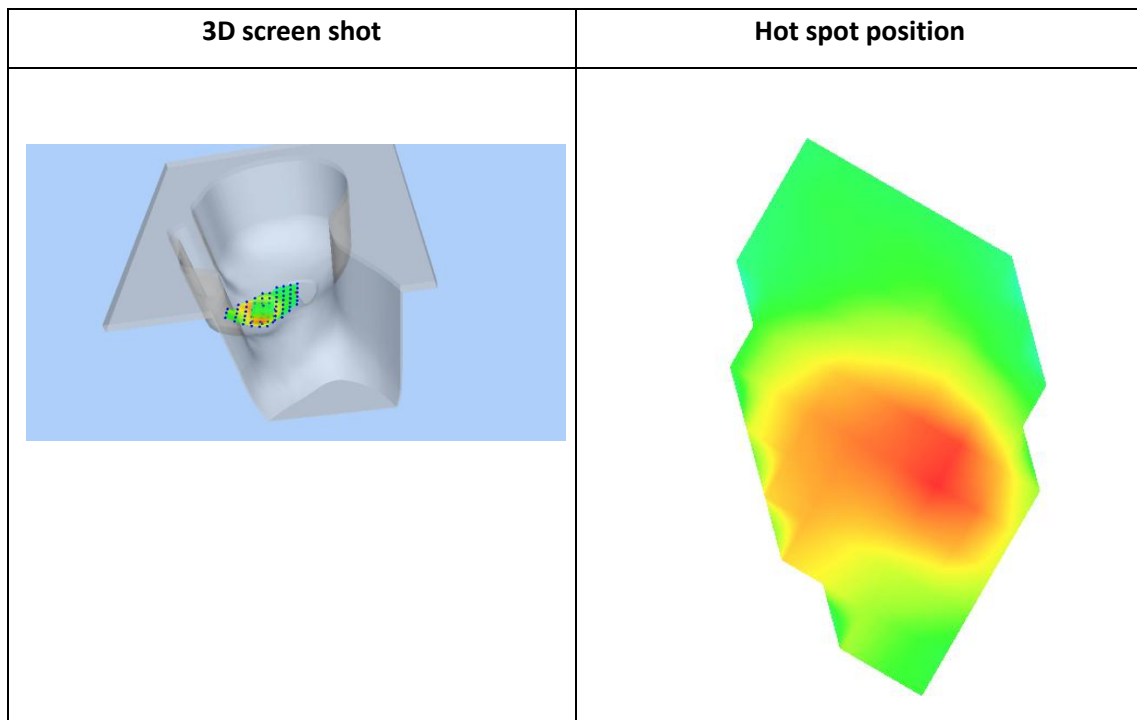
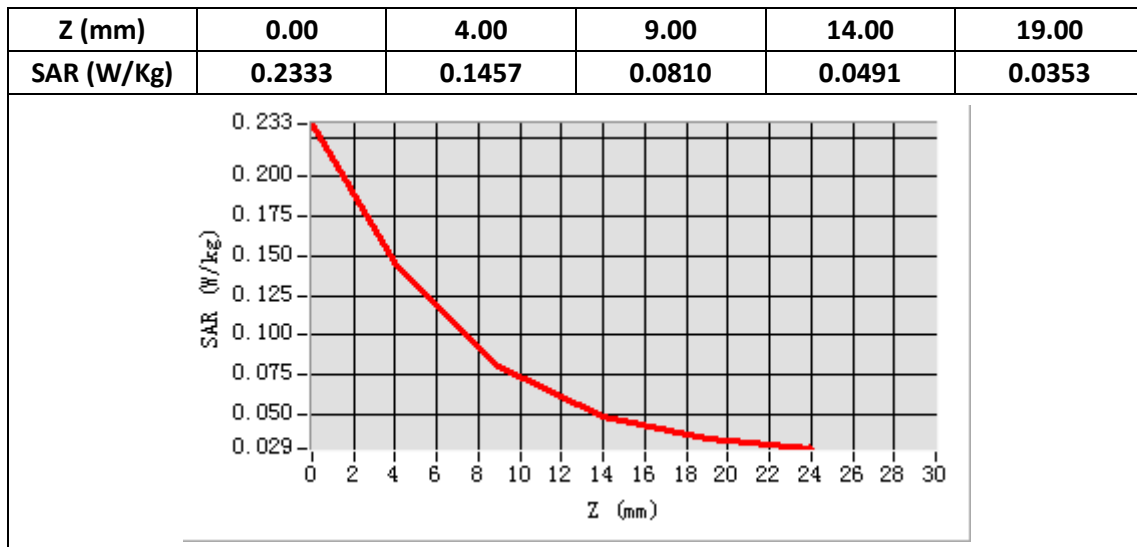
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	707.5
Relative permittivity (real part)	41.85
Relative permittivity (imaginary part)	21.43
Conductivity (S/m)	0.88
Variation (%)	-1.99
ConvF:	5.73



Maximum location: X=-49.00, Y=49.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.082960
SAR 1g (W/Kg)	0.141656



Plot 22LTE Band12, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 02/12/2019

Measurement duration: 22 minutes 16 seconds

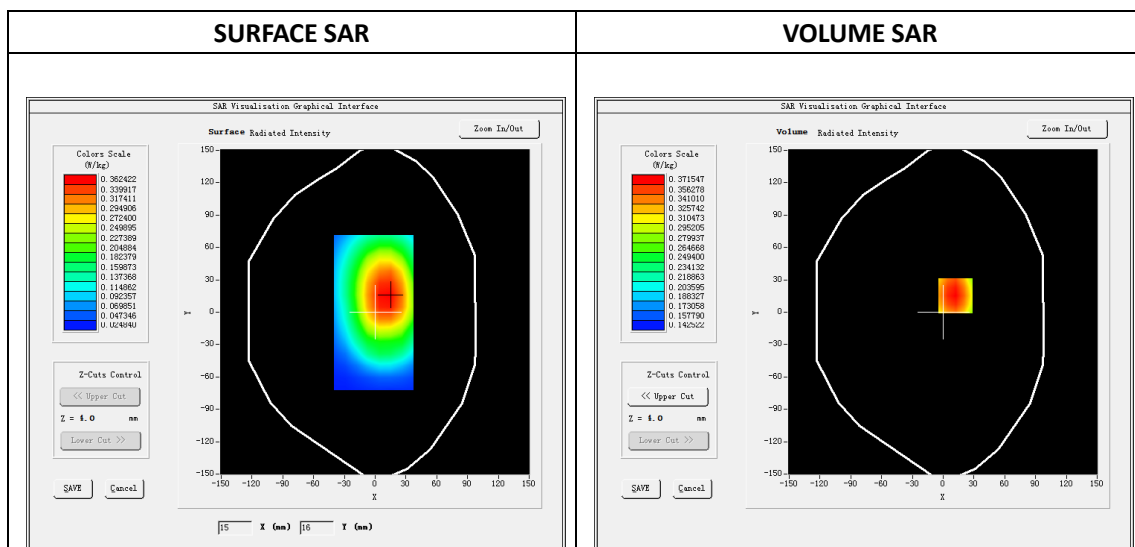
Mobile Phone IMEI number: --

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

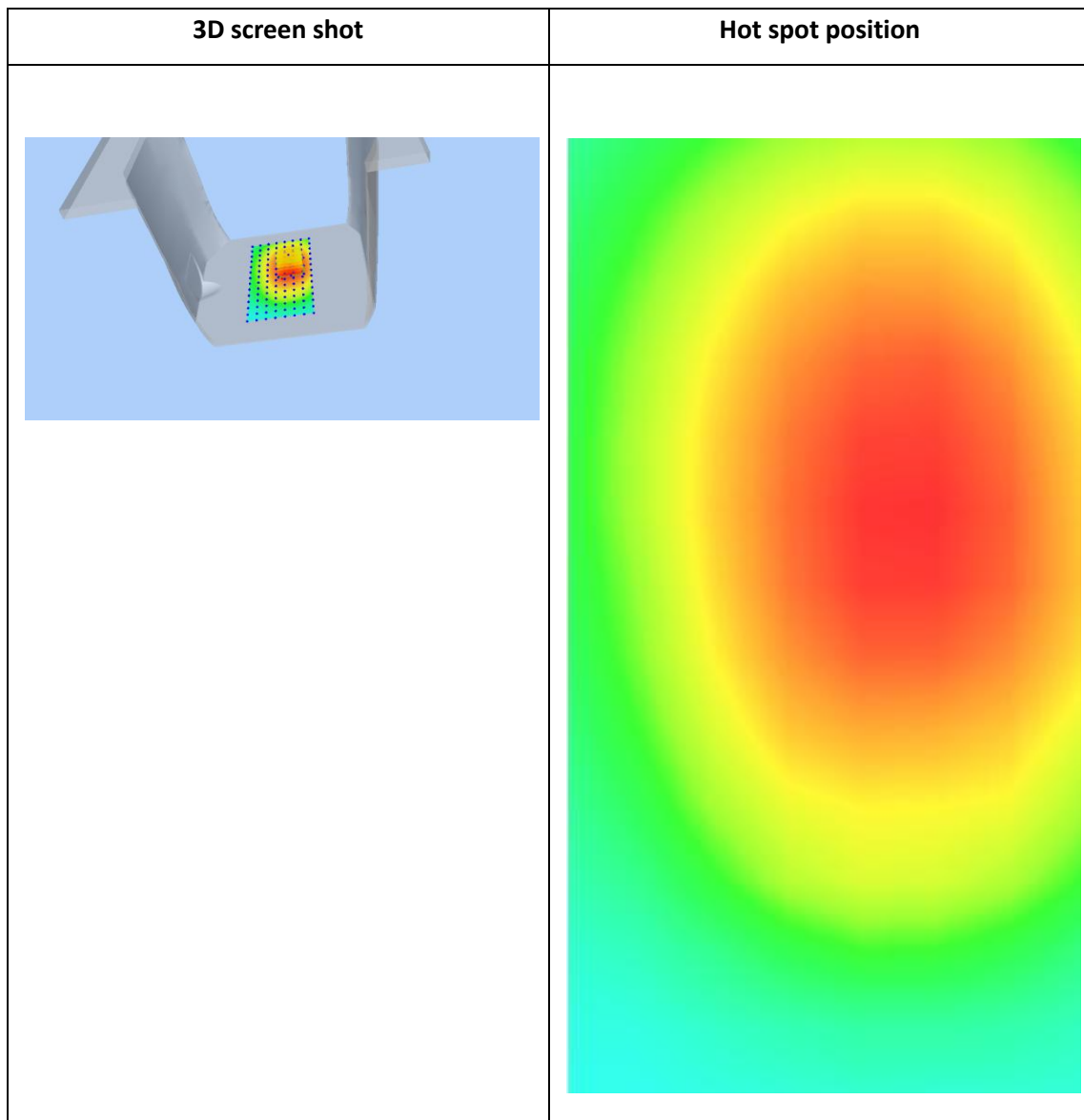
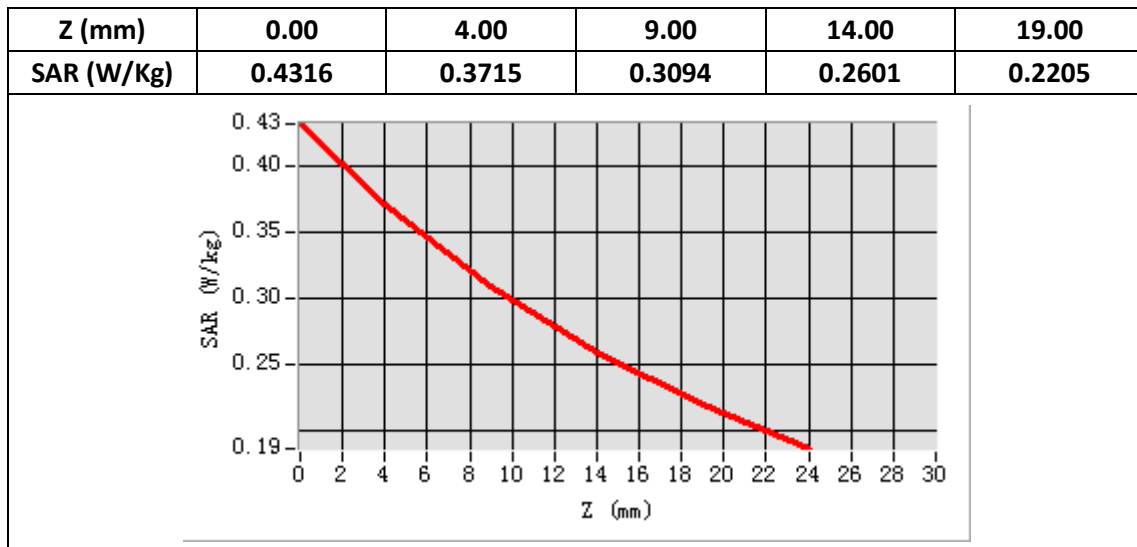
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	707.5
Relative permittivity (real part)	55.43
Relative permittivity (imaginary part)	22.15
Conductivity (S/m)	0.95
Variation (%)	0
ConvF:	5.90



Maximum location: X=12.00, Y=15.00

SAR Peak: 0.43W/kg

SAR 10g (W/Kg)	0.294671
SAR 1g (W/Kg)	0.369261



Plot 23:LTE Band17, 10MHz,Left Check, Middle

Type: Phone measurement

Date of measurement: 02/12/2019

Measurement duration: 22 minutes 21 seconds

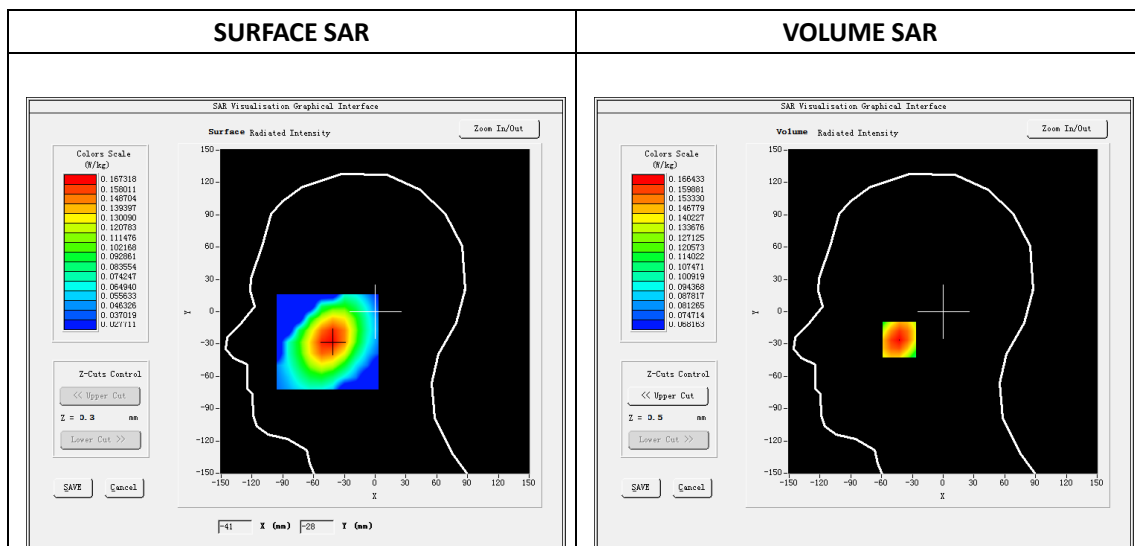
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

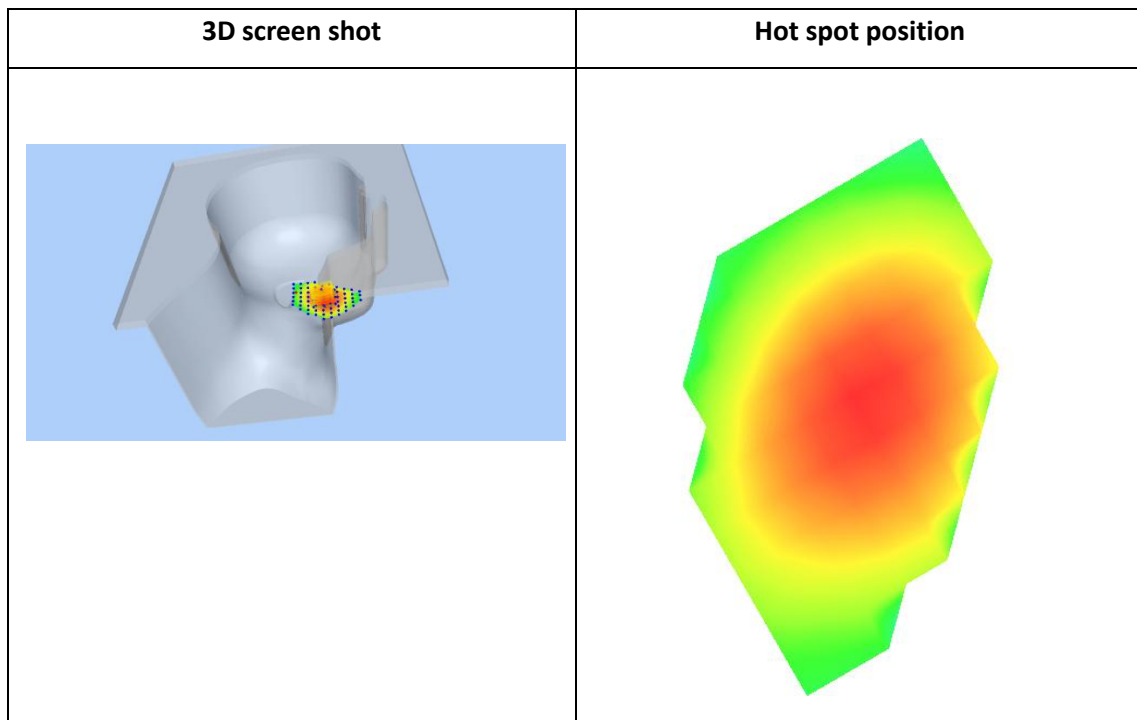
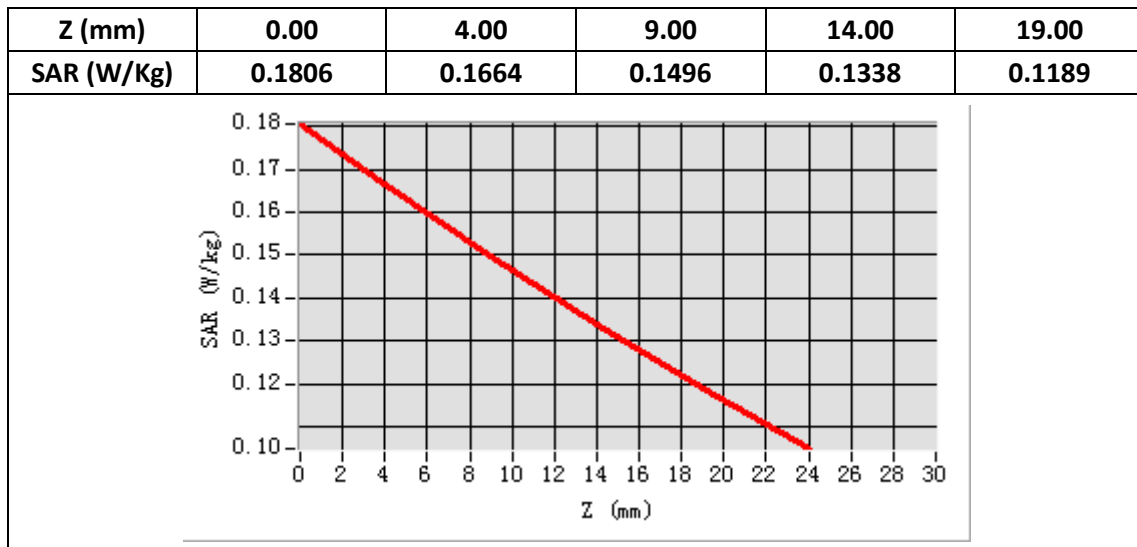
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	710
Relative permittivity (real part)	41.85
Relative permittivity (imaginary part)	21.43
Conductivity (S/m)	0.88
Variation (%)	0.26
ConvF:	5.73



Maximum location: X=-43.00, Y=-26.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.139849
SAR 1g (W/Kg)	0.165719



Plot 24 LTE Band17, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 02/12/2019

Measurement duration: 22 minutes 03 seconds

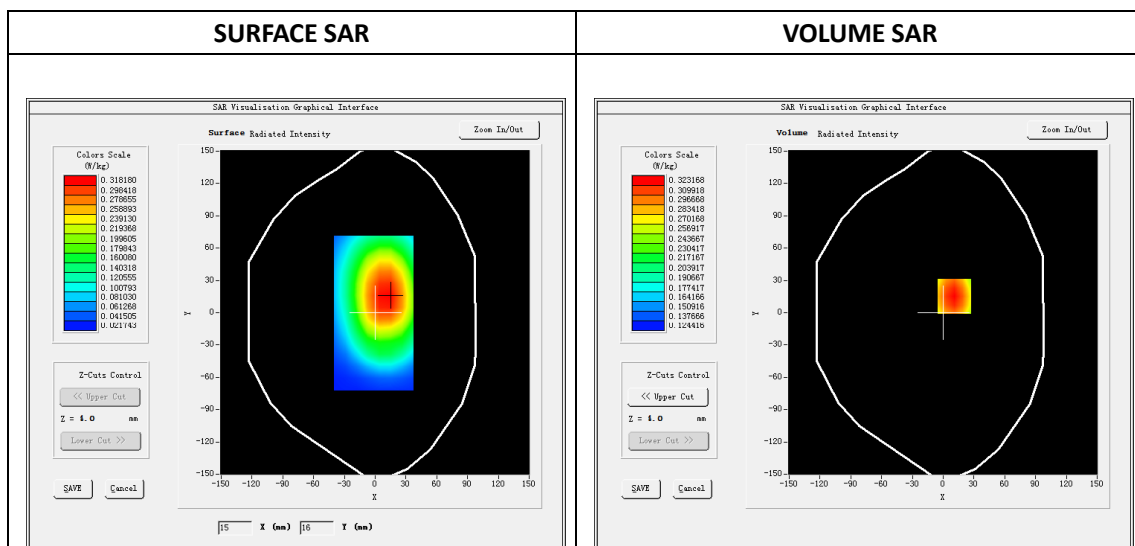
Mobile Phone IMEI number: --

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

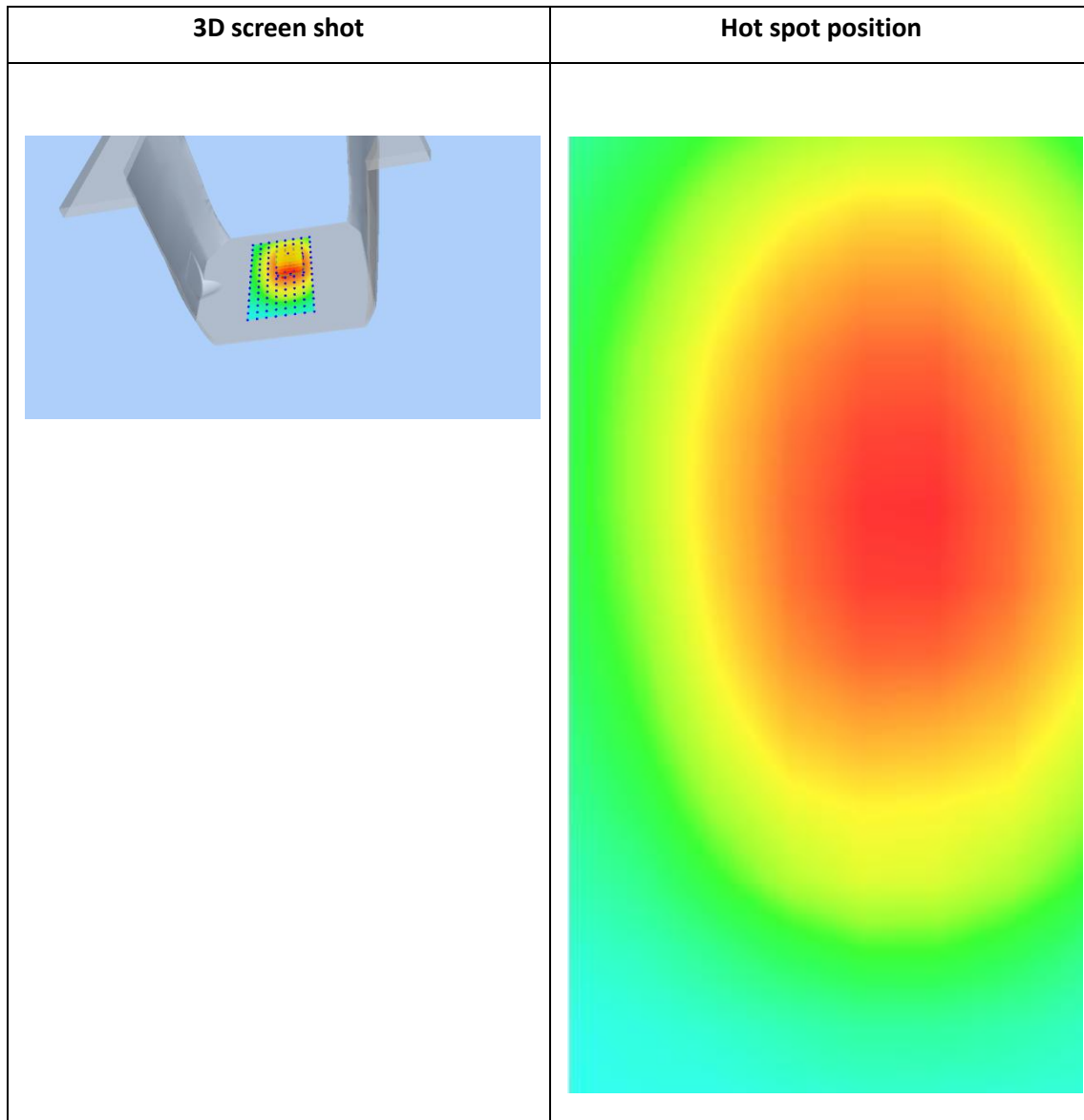
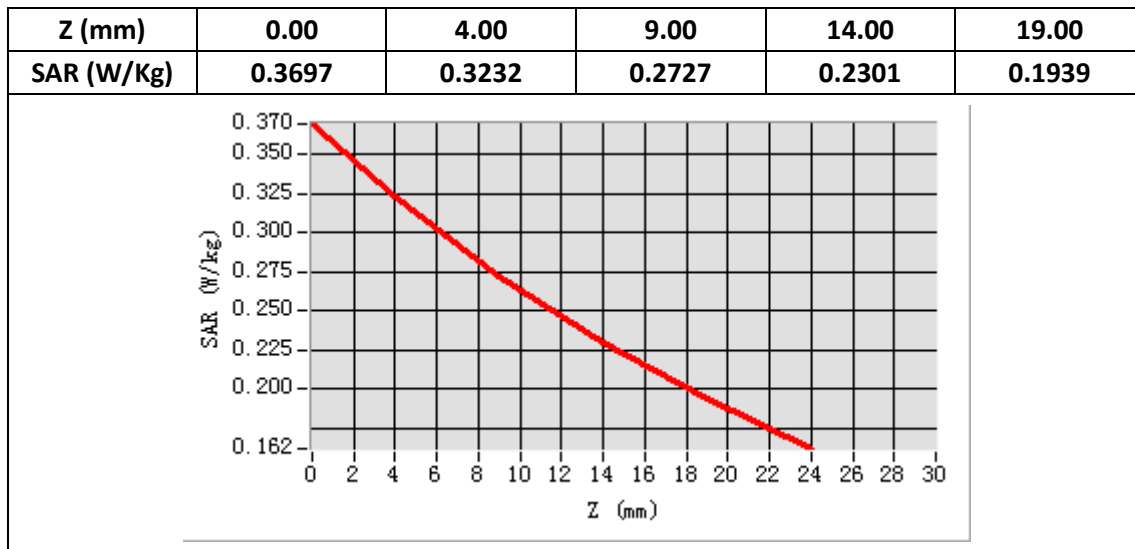
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	710
Relative permittivity (real part)	55.43
Relative permittivity (imaginary part)	22.15
Conductivity (S/m)	0.95
Variation (%)	-1.36
ConvF:	5.90



Maximum location: X=11.00, Y=15.00

SAR Peak: 0.37W/kg

SAR 10g (W/Kg)	0.264327
SAR 1g (W/Kg)	0.332304



Plot 25: WIFI 2.4G 802.11b, Right Cheek, Low

Type: Phone measurement

Date of measurement: 02/02/2019

Measurement duration: 22 minutes 15 seconds

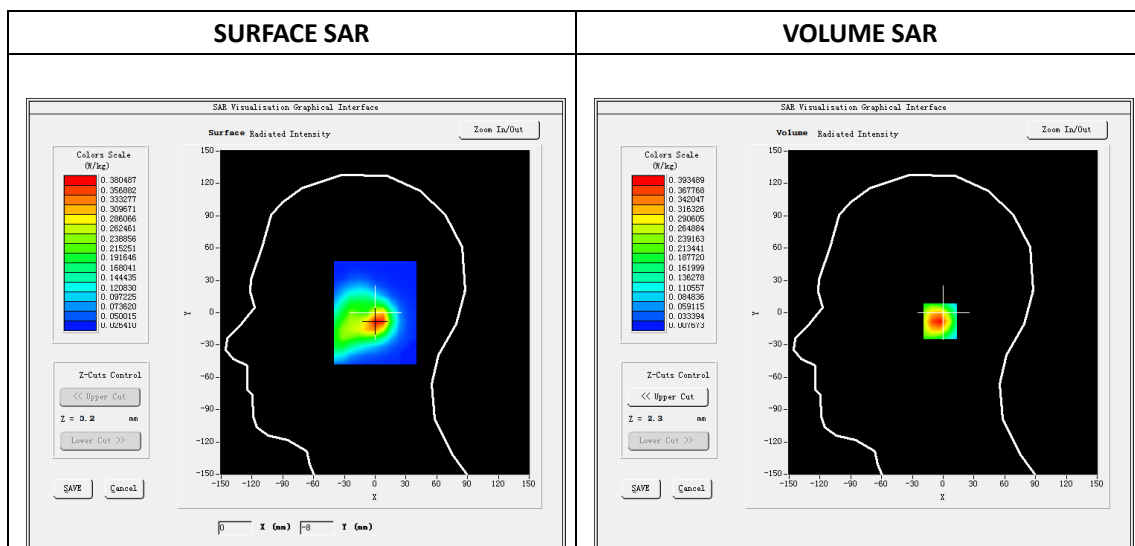
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

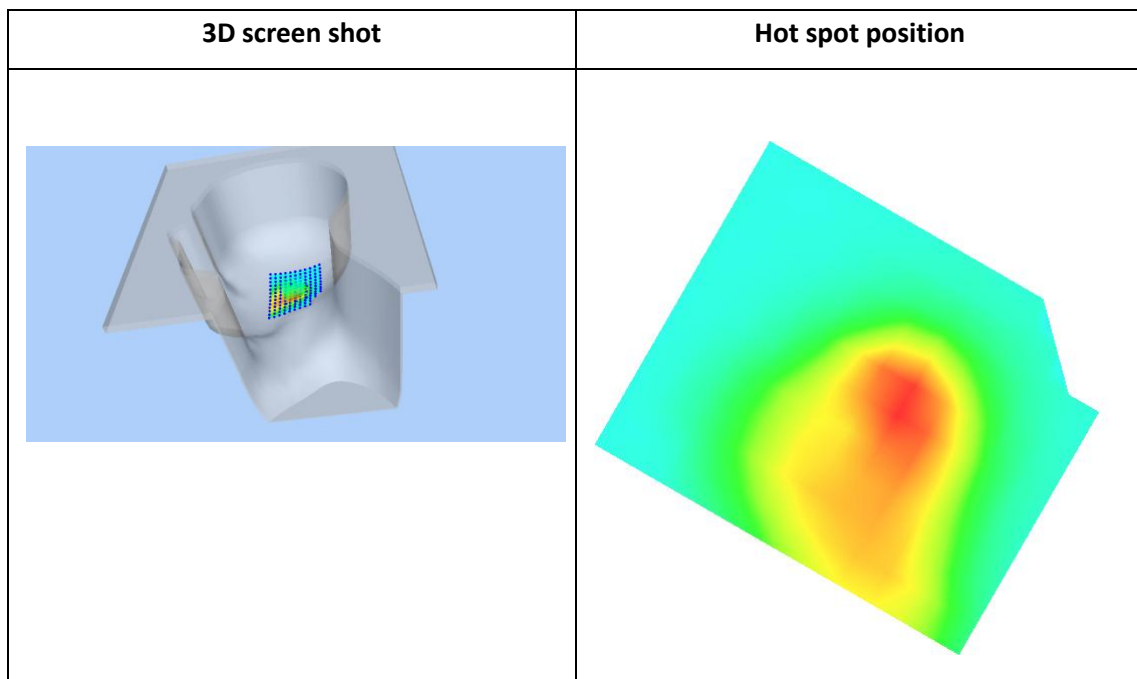
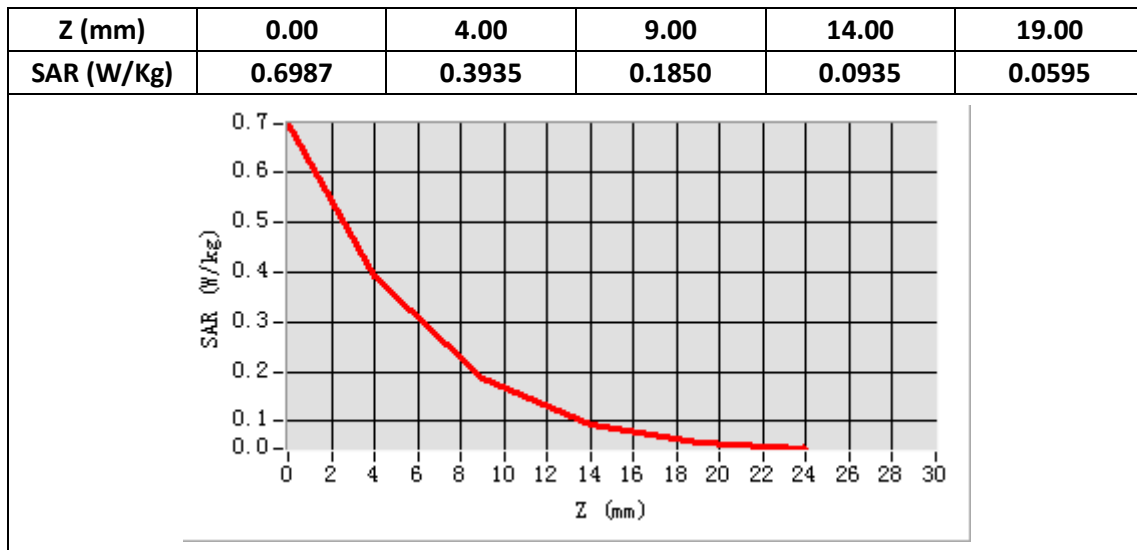
E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	2412
Relative permittivity (real part)	39.23
Relative permittivity (imaginary part)	13.65
Conductivity (S/m)	1.81
Variation (%)	-3.39
ConvF:	5.35



Maximum location: X=2.00, Y=-8.00

SAR Peak: 0.70W/kg

SAR 10g (W/Kg)	0.195518
SAR 1g (W/Kg)	0.399082



Plot 26: WIFI 2.4G 802.11b, Face ,Low, 10mm

Type: Phone measurement

Date of measurement: 02/02/2019

Measurement duration: 22 minutes 24 seconds

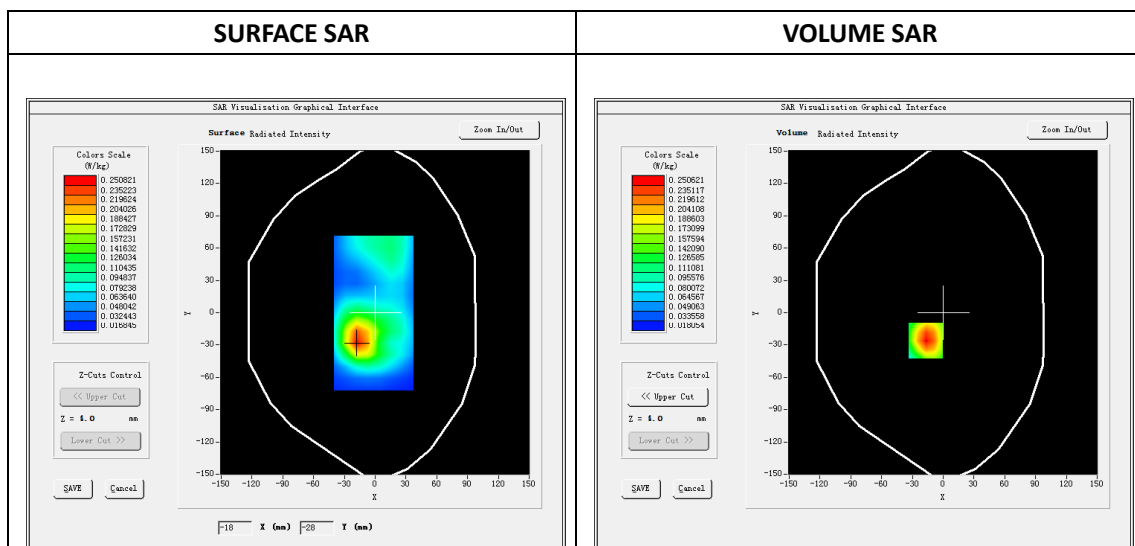
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge A
Band	WIFI
Channels	1
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_04/13_EP166
Frequency (MHz)	2412
Relative permittivity (real part)	52.73
Relative permittivity (imaginary part)	14.15
Conductivity (S/m)	1.92
Variation (%)	0.23
ConvF:	5.56



Maximum location: X=-17.00, Y=-26.00

SAR Peak: 0.35W/kg

SAR 10g (W/Kg)	0.147394
SAR 1g (W/Kg)	0.236784

