

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position& Channel	Test Date
1	GSM 850	Left Cheek, Middle	2018-05-16
2	GPRS 850	Body Back, Middle	2018-05-16
3	GSM 1900	Left Cheek, Middle	2018-05-17
4	GPRS 1900	Edge C, Middle	2018-05-17
5	WCDMA 1900	Left Cheek, Middle	2018-05-17
6	WCDMA 1900	Edge C, Middle	2018-05-17
7	WCDMA 850	Right Cheek, Middle	2018-05-16
8	WCDMA 850	Body Back, Middle	2018-05-16
9	LTE Band 2	Right Cheek, Middle	2018-05-17
10	LTE Band 2	Body Back, Middle	2018-05-17
11	LTE Band 4	Right Cheek, Middle	2018-05-16
12	LTE Band 4	Edge C, Middle	2018-05-16
13	LTE Band 5	Right Cheek, Middle	2018-05-16
14	LTE Band 5	Body Back, Middle	2018-05-16
15	LTE Band 7	Right Cheek, Middle	2018-05-21
16	LTE Band 7	Body Back, Middle	2018-05-21
17	WIFI 802.11b	Right Cheek, Middle	2018-05-15
18	WIFI 802.11b	Body Back, Middle	2018-05-15
19	WIFI 802.11a/20	Right Cheek, Middle	2018-06-05
20	WIFI 802.11a/20	Body Back, Middle	2018-06-05
21	WIFI 802.11n/40	Right Cheek, Middle	2018-06-05
22	WIFI 802.11n/40	Edge D, Middle	2018-06-05
23	WIFI 802.11a/20	Right Cheek, Middle	2018-06-06
24	WIFI 802.11a/20	Edge A, Middle	2018-06-06
25	WIFI 802.11n/40	Right Cheek, Middle	2018-06-06
26	WIFI 802.11n/40	Body Back, Middle	2018-06-06

Plot 1: GSM 850 Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 22 seconds

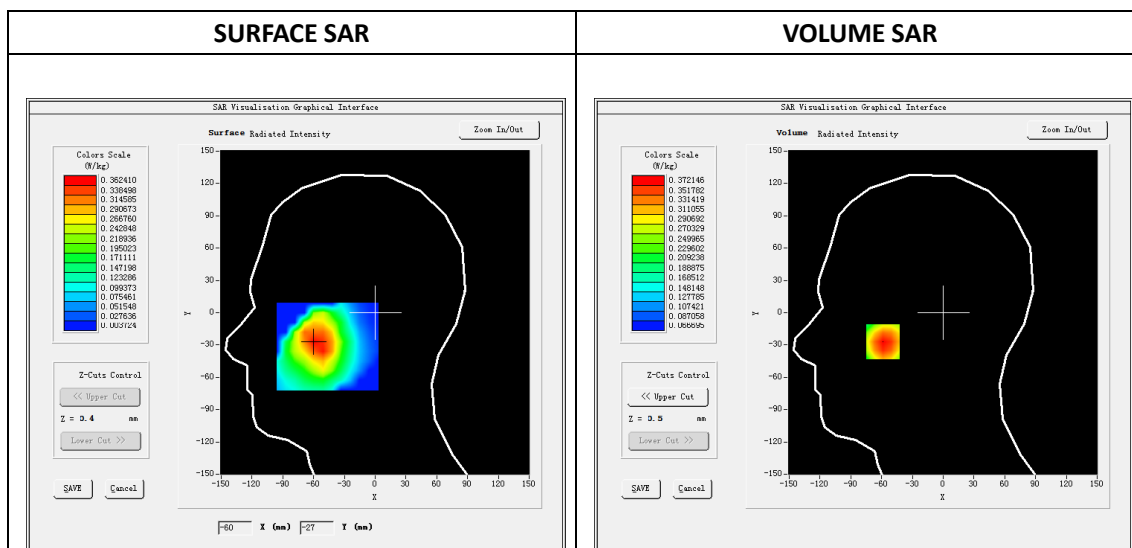
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

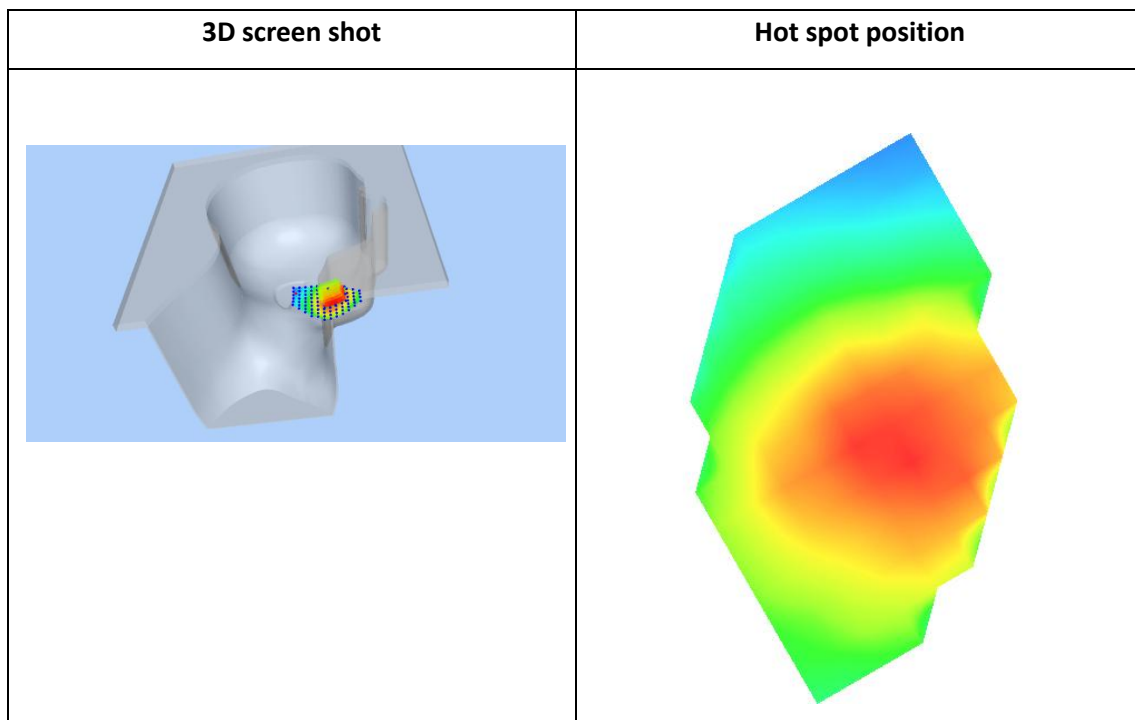
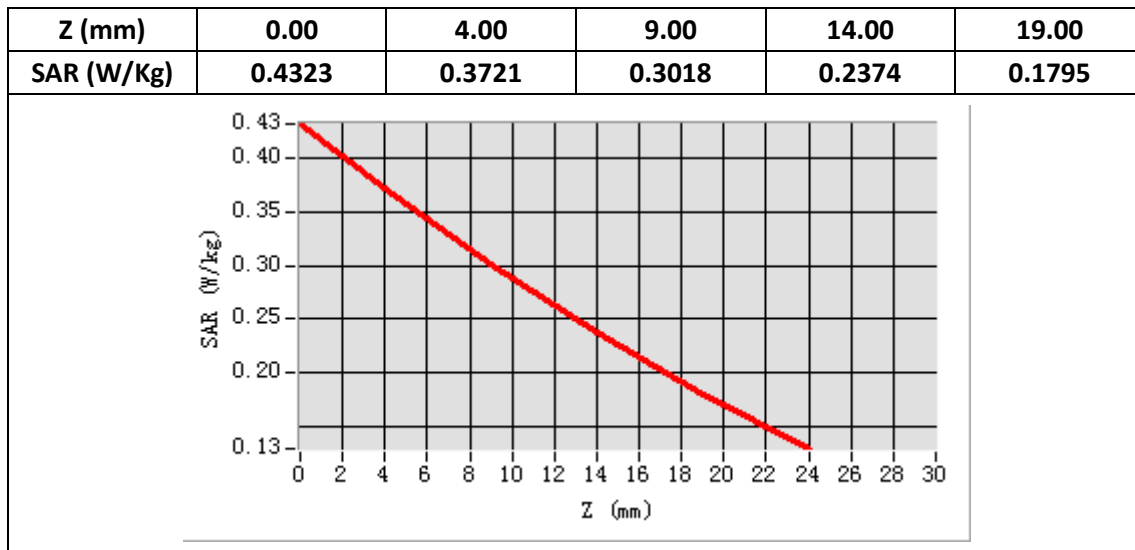
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	836.6
Relative permittivity (real part)	41.65
Relative permittivity (imaginary part)	19.44
Conductivity (S/m)	0.88
Variation (%)	-1.0
ConvF:	4.99



Maximum location: X=-59.00, Y=-27.00

SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.263727
SAR 1g (W/Kg)	0.360937



Plot 2:GPRS 850 , Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 31 seconds

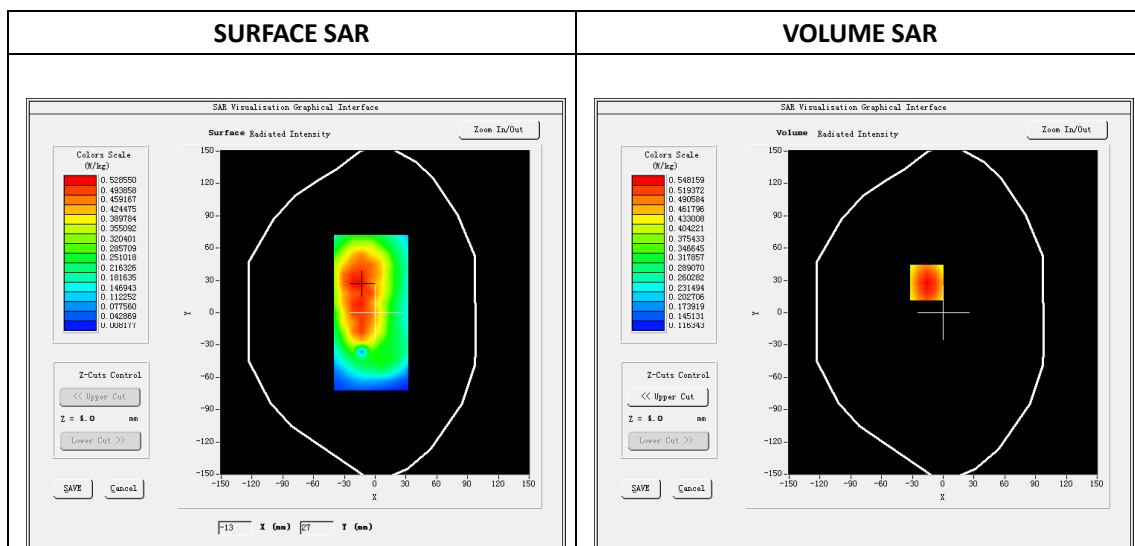
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	GPRS 850_4Tx
Channels	Middle
Signal	GPRS (Duty cycle: 1:2.08)

B. SAR Measurement Results

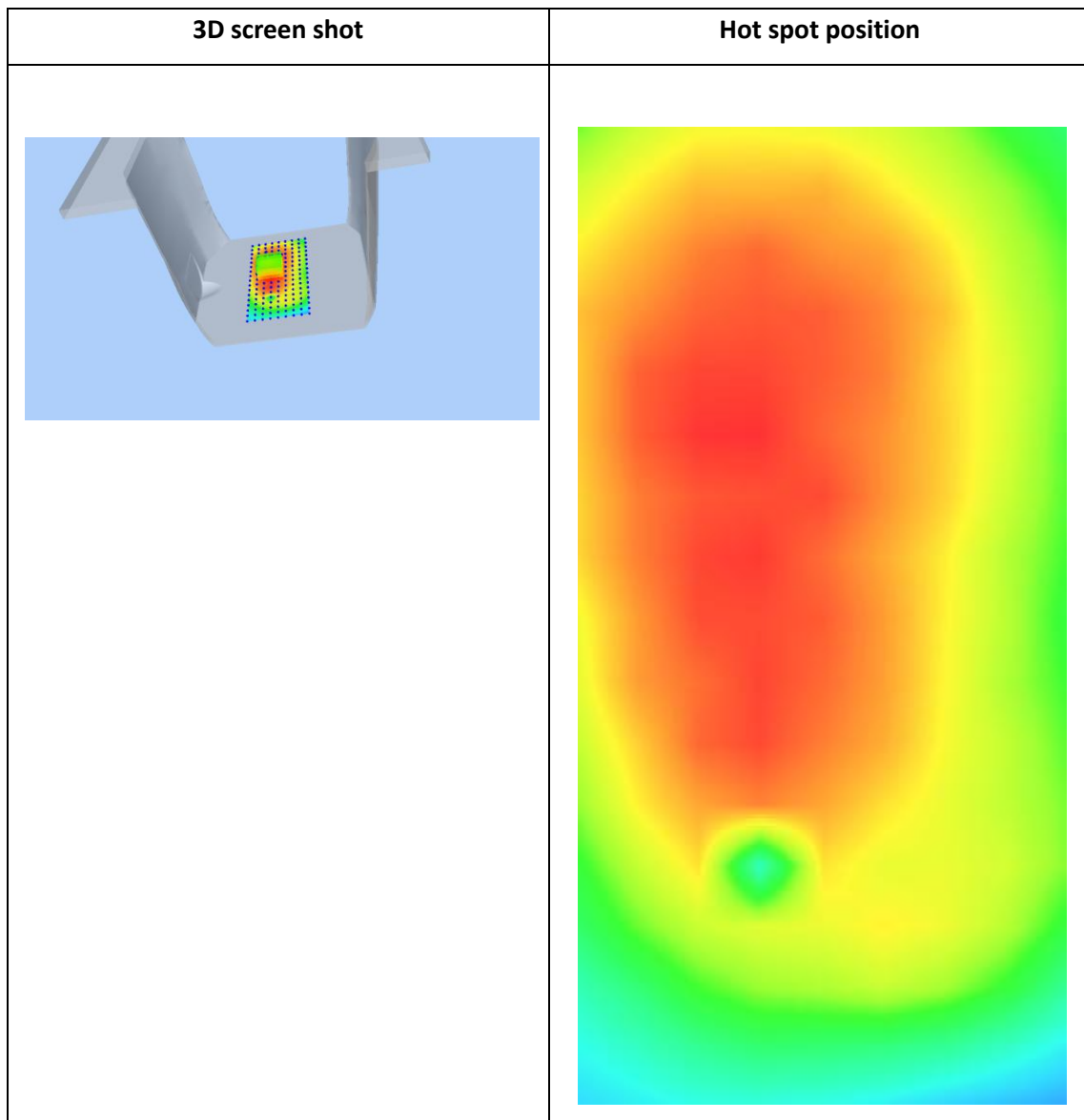
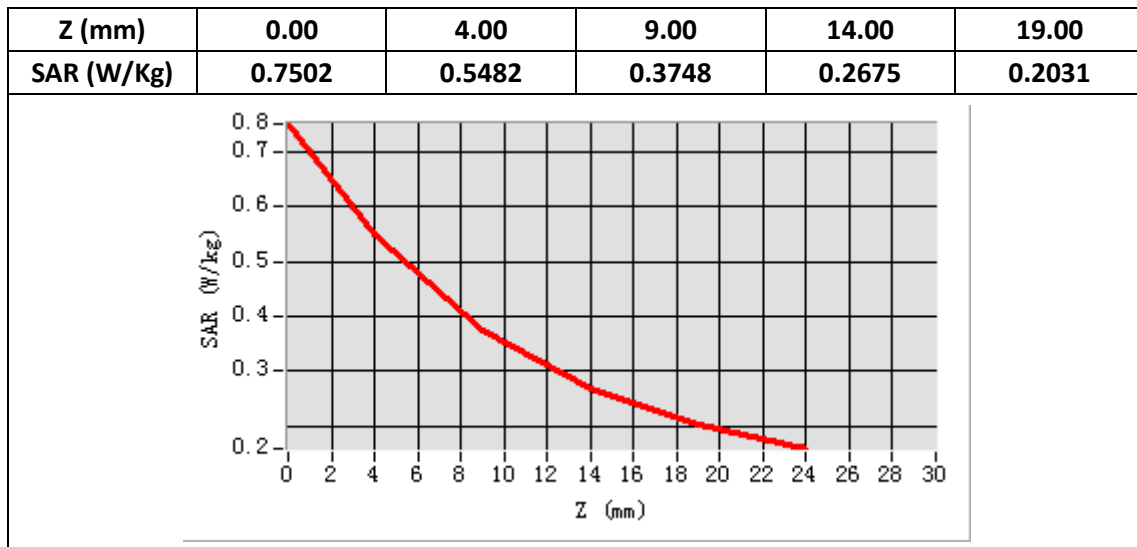
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	836.6
Relative permittivity (real part)	55.36
Relative permittivity (imaginary part)	20.47
Conductivity (S/m)	0.93
Variation (%)	0.67
ConvF:	5.18



Maximum location: X=-16.00, Y=28.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.366759
SAR 1g (W/Kg)	0.530788



Plot 3:GSM1900 Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/17/2018

Measurement duration: 22 minutes 22 seconds

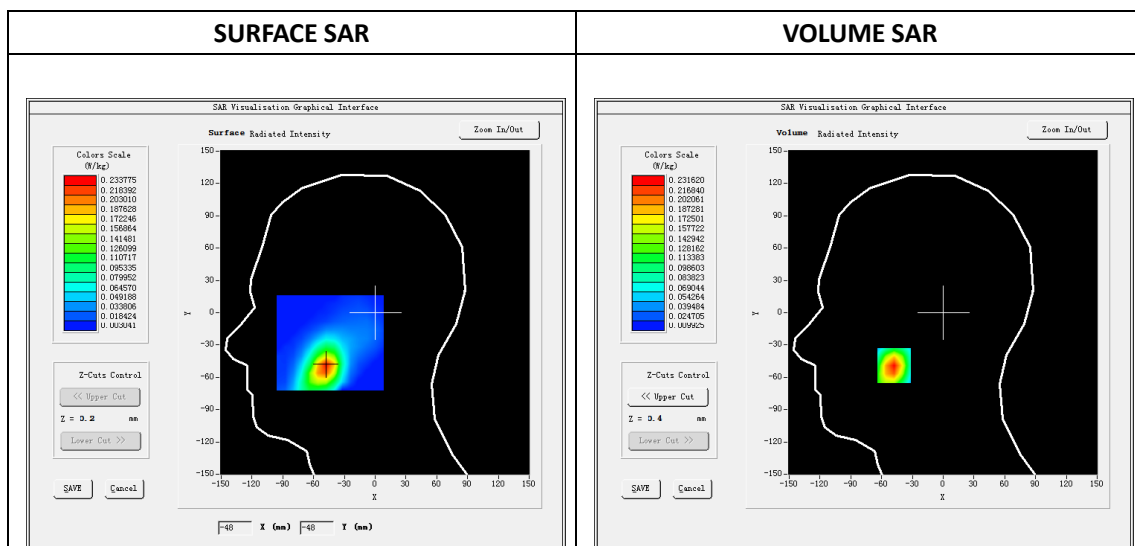
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	GSM
Channels	1900
Signal	GSM(Duty cycle: 1:8.3)

B. SAR Measurement Results

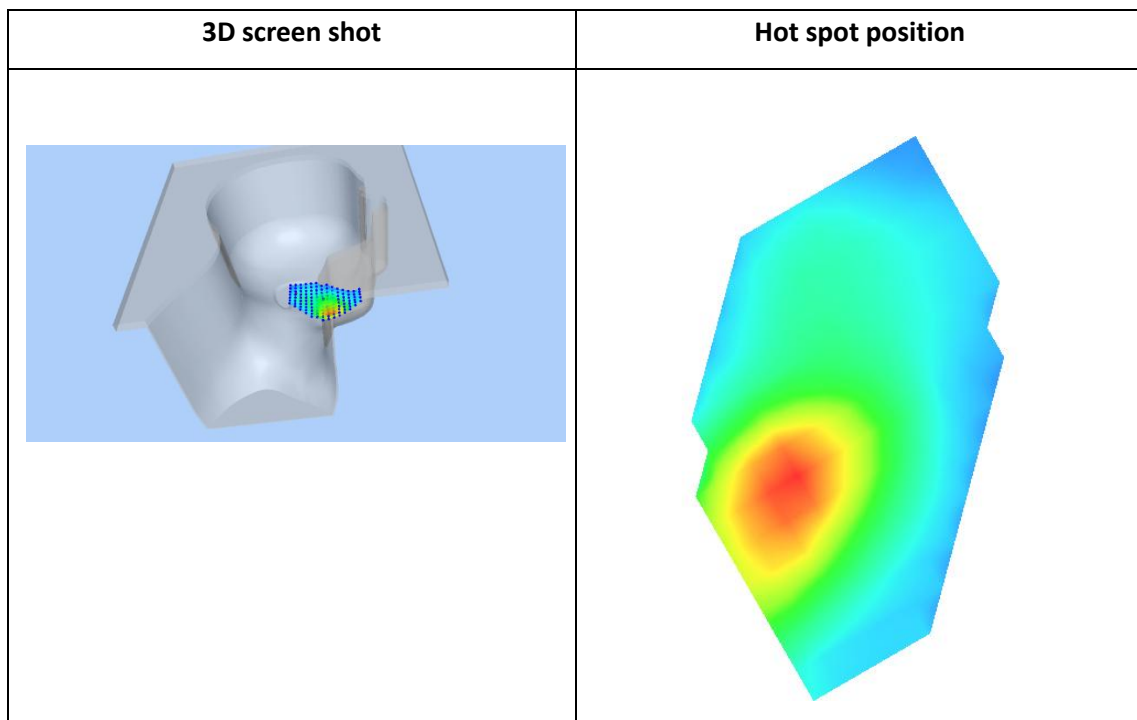
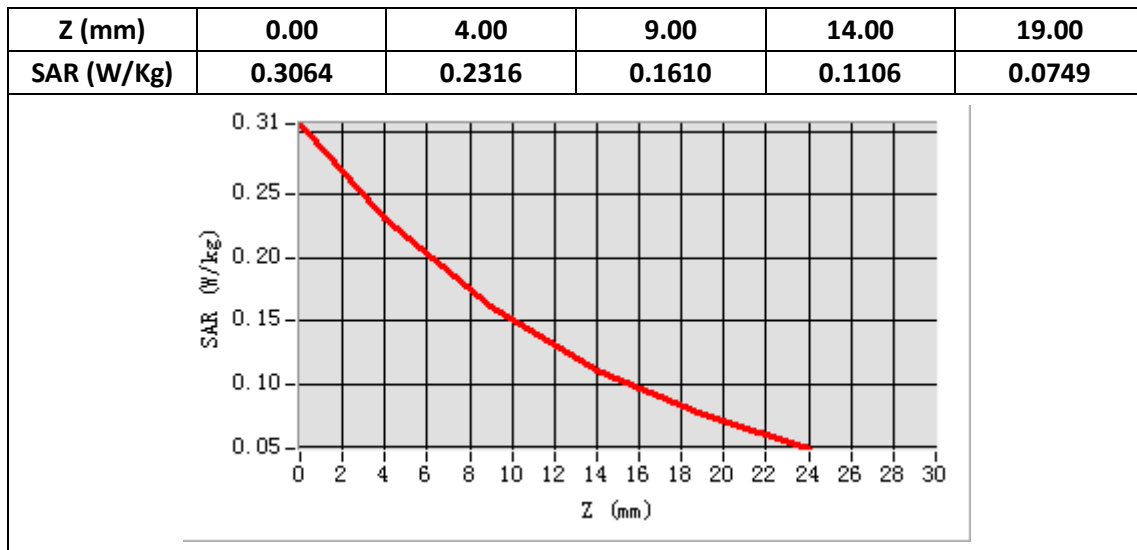
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1880
Relative permittivity (real part)	41.20
Relative permittivity (imaginary part)	12.78
Conductivity (S/m)	1.35
Variation (%)	1.97
ConvF:	4.73



Maximum location: X=-48.00, Y=-49.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.127376
SAR 1g (W/Kg)	0.216100



Plot 4:GPRS 1900 , Edge C Middle,10mm

Type: Phone measurement

Date of measurement: 05/17/2018

Measurement duration: 22 minutes 22 seconds

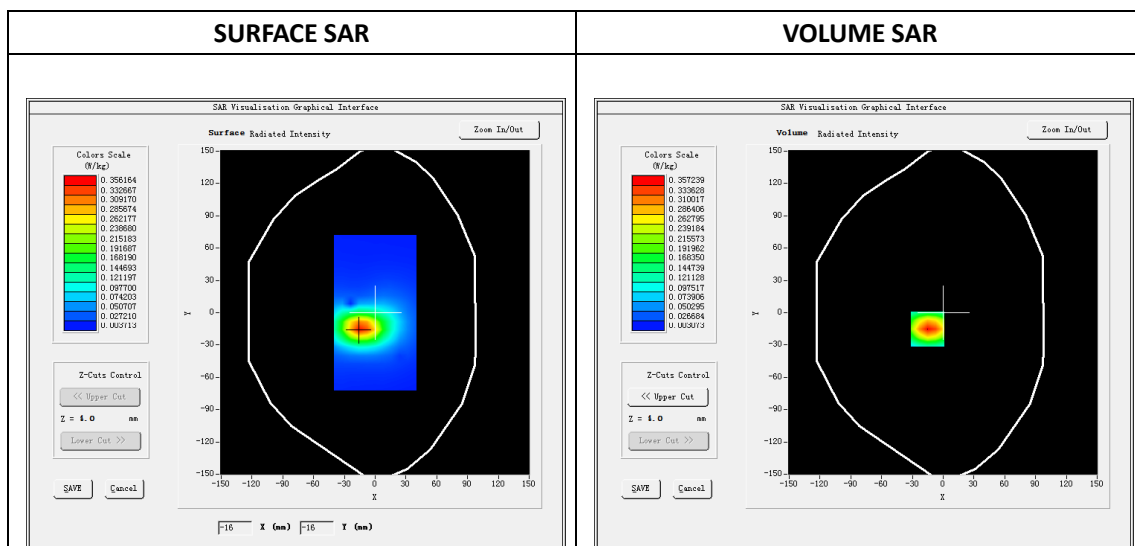
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge C
Band	GPRS_4Tx
Channels	Middle
Signal	GPRS (Duty cycle: 1:2.08)

B. SAR Measurement Results

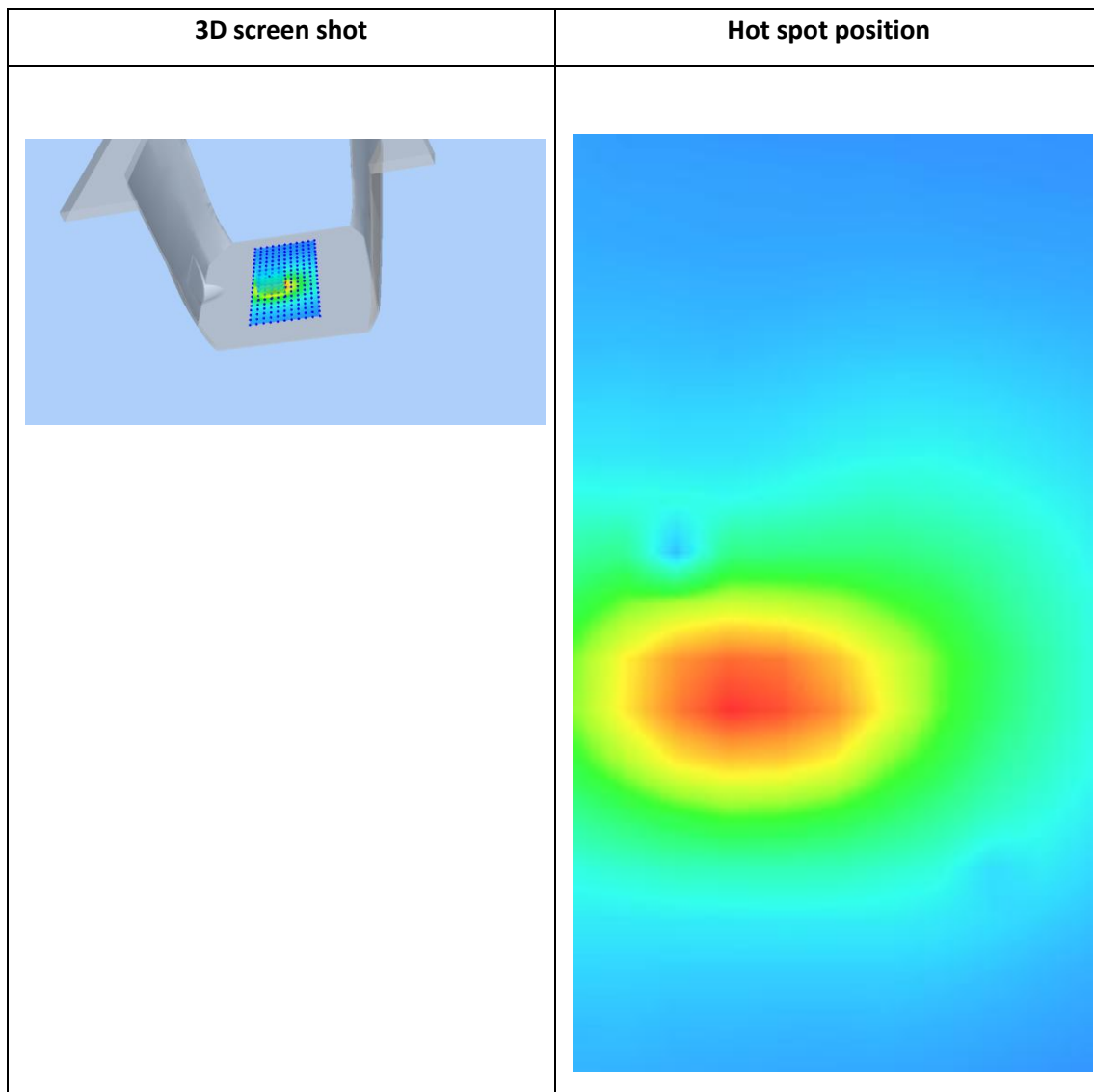
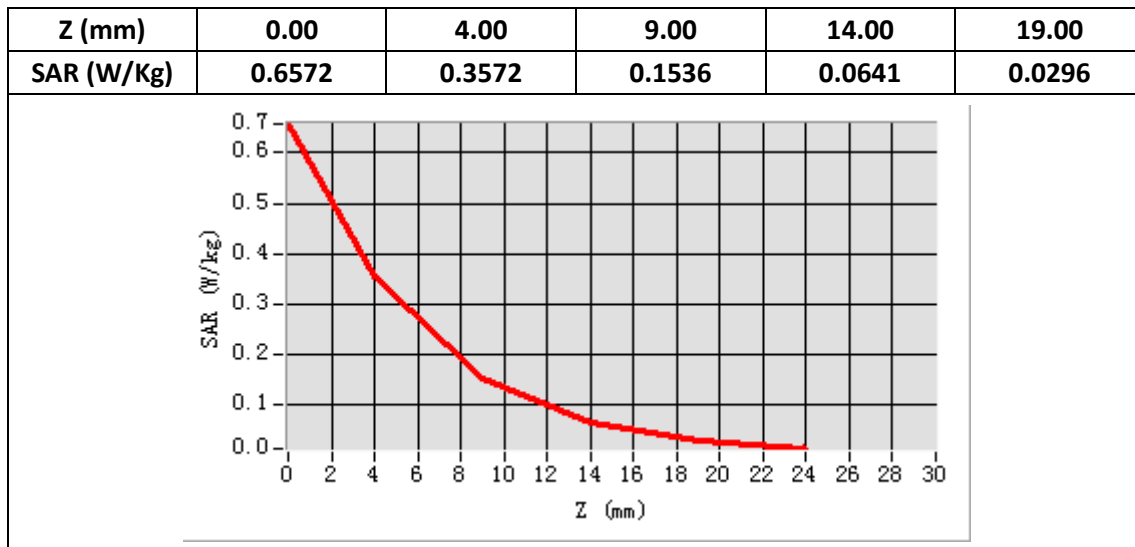
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1880
Relative permittivity (real part)	53.96
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-0.81
ConvF:	4.83



Maximum location: X=-15.00, Y=-15.00

SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.155586
SAR 1g (W/Kg)	0.334828



Plot 5: WCDMA 1900 Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/17/2018

Measurement duration: 22 minutes 03 seconds

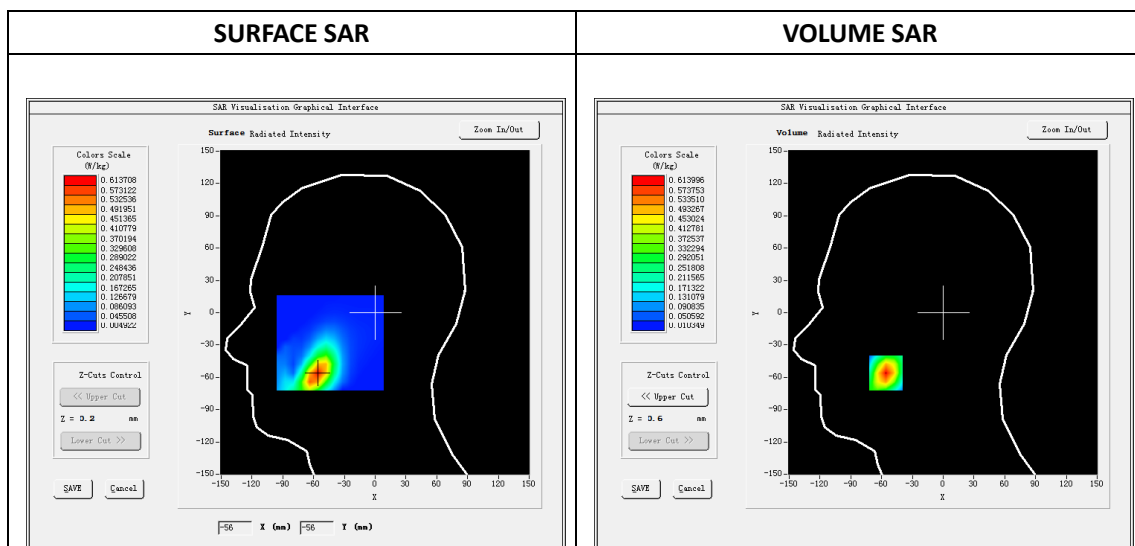
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	WCDMA 1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

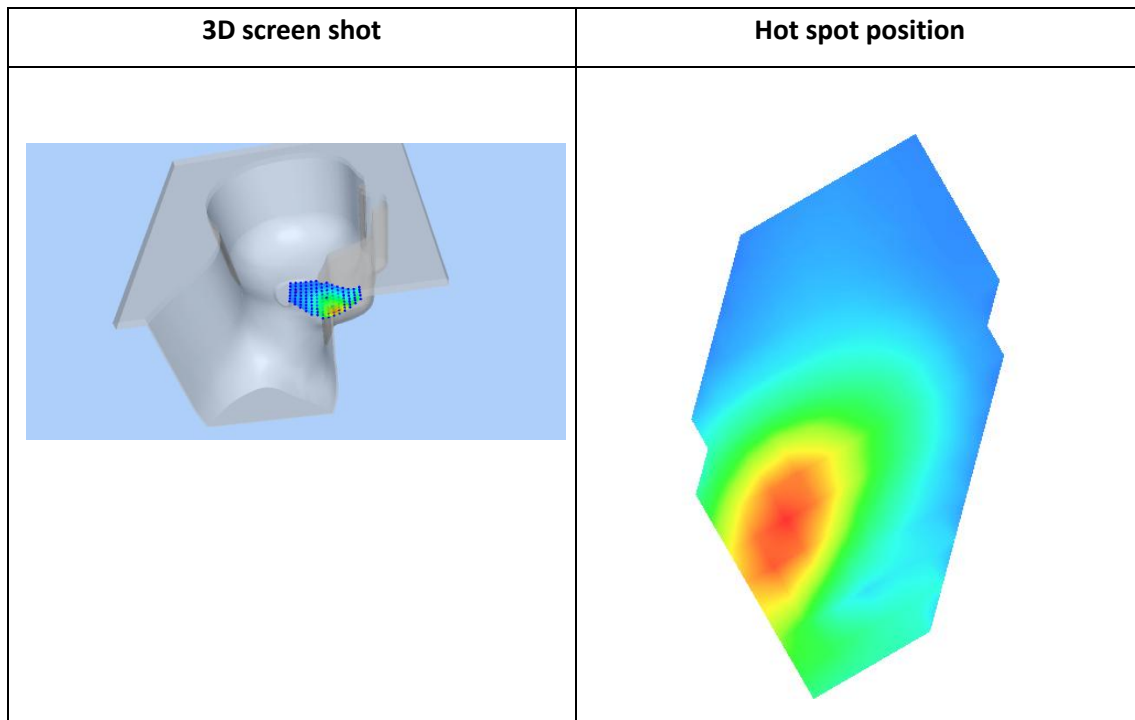
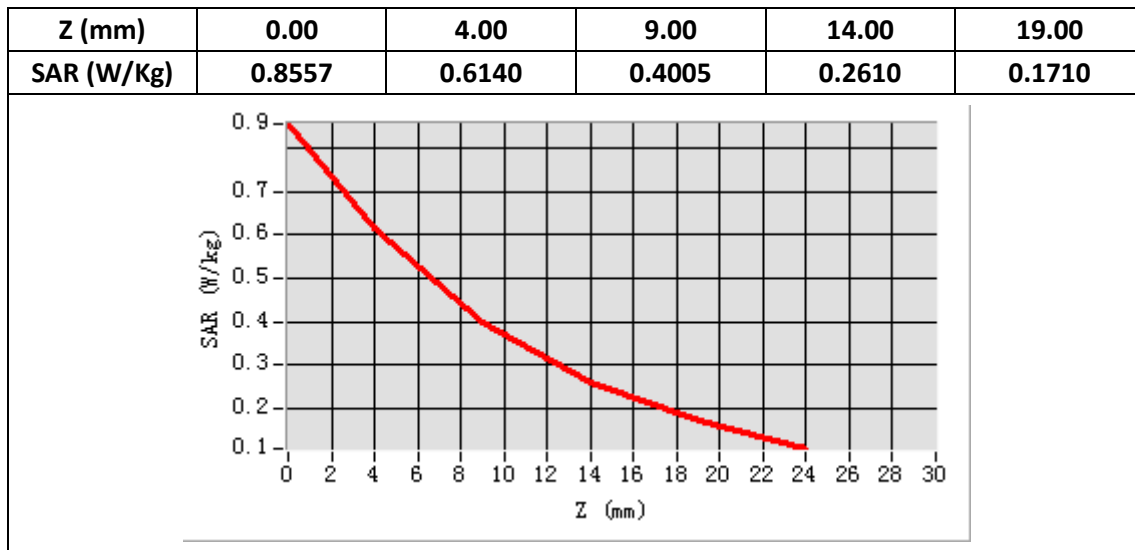
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1880
Relative permittivity (real part)	41.20
Relative permittivity (imaginary part)	12.78
Conductivity (S/m)	1.35
Variation (%)	-0.66
ConvF:	4.73



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

SAR Peak: 0.86 W/kg

SAR 10g (W/Kg)	0.313925
SAR 1g (W/Kg)	0.561687



Plot 6:WCDMA 1900 , Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/17/2018

Measurement duration: 22 minutes 11 seconds

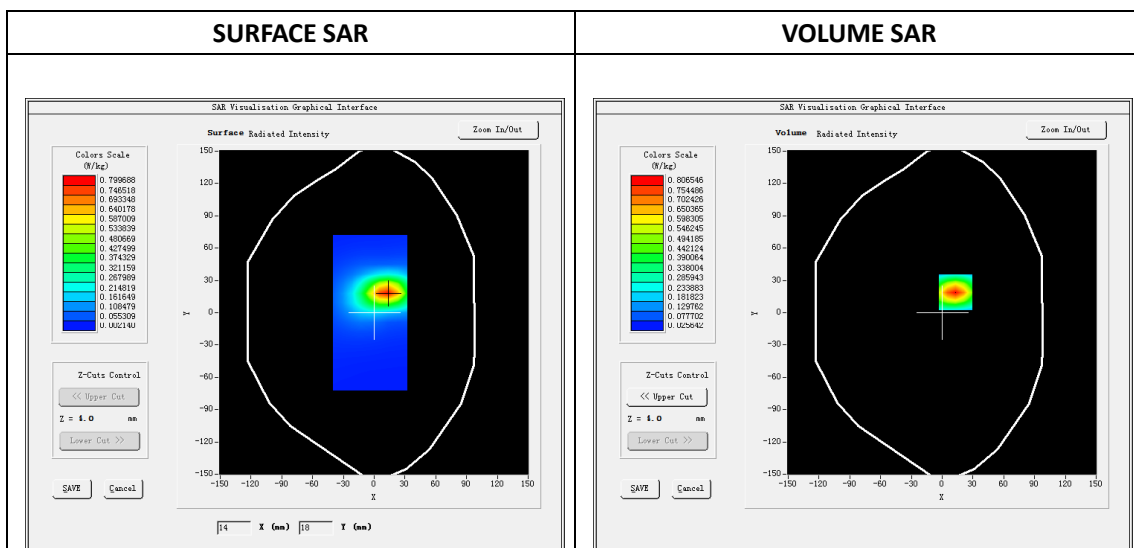
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WCDMA 1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

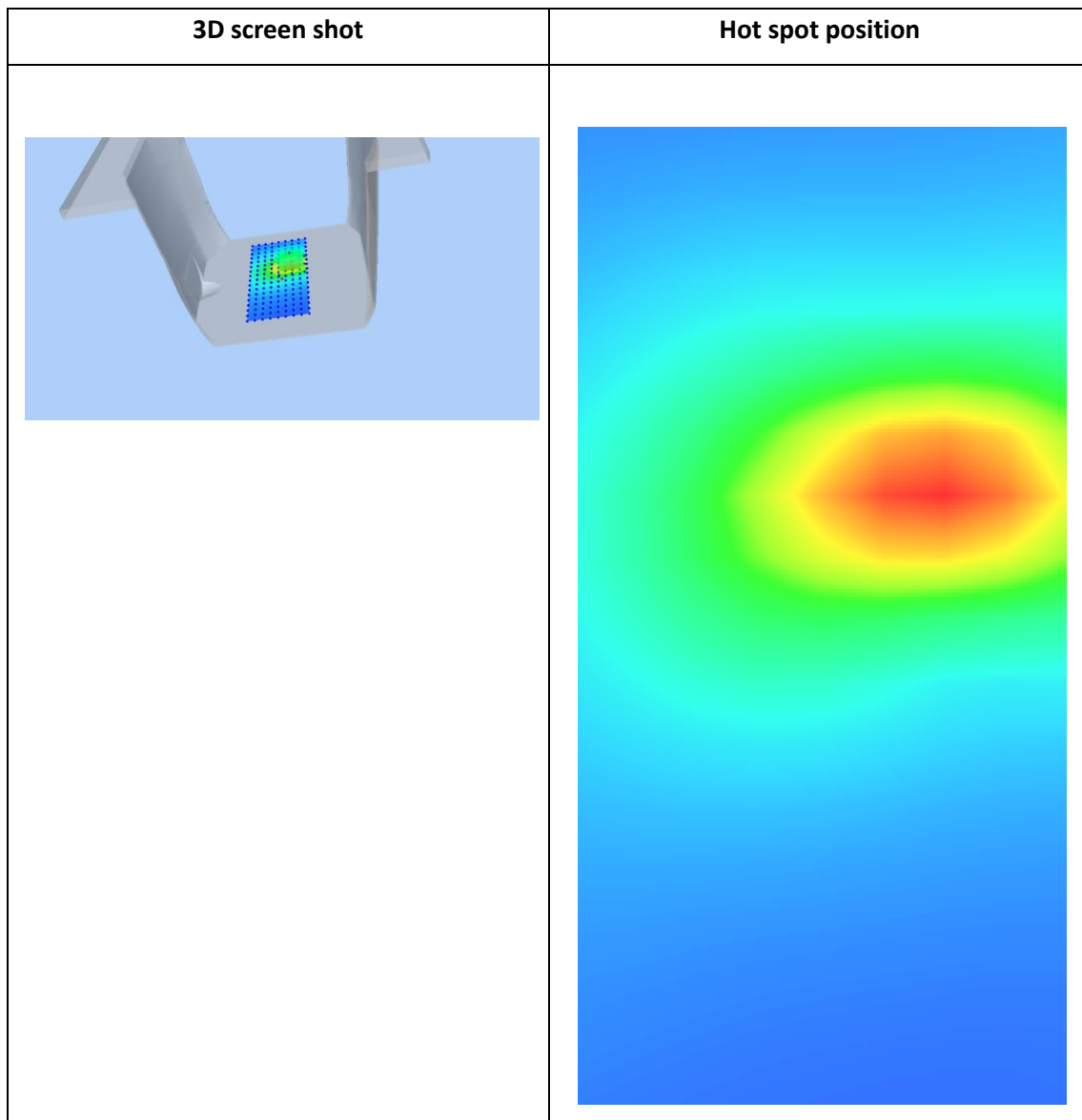
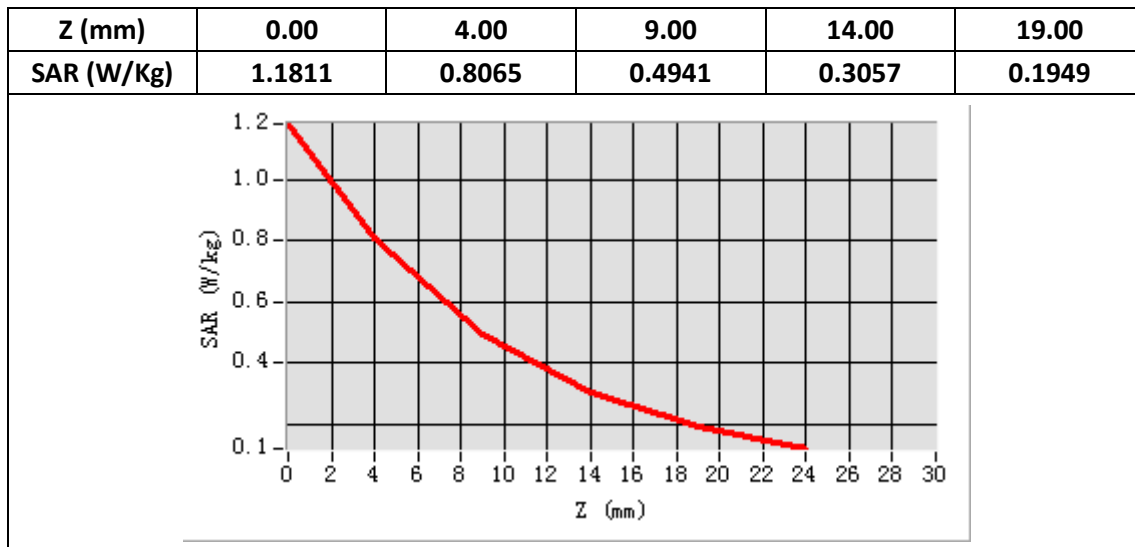
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1880
Relative permittivity (real part)	53.96
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-0.43
ConvF:	4.83



Maximum location: X=13.00, Y=19.00

SAR Peak: 1.18 W/kg

SAR 10g (W/Kg)	0.400238
SAR 1g (W/Kg)	0.741209



Plot 7: WCDMA 850 Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 11 seconds

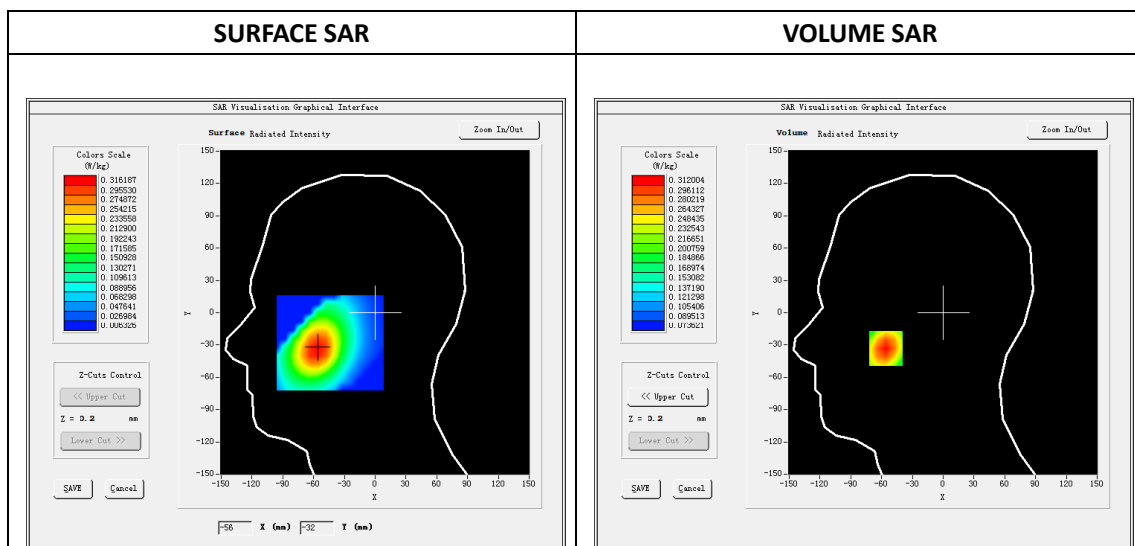
Mobile Phone IMEI number: --

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	WCDMA 850
Channels	Middle
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

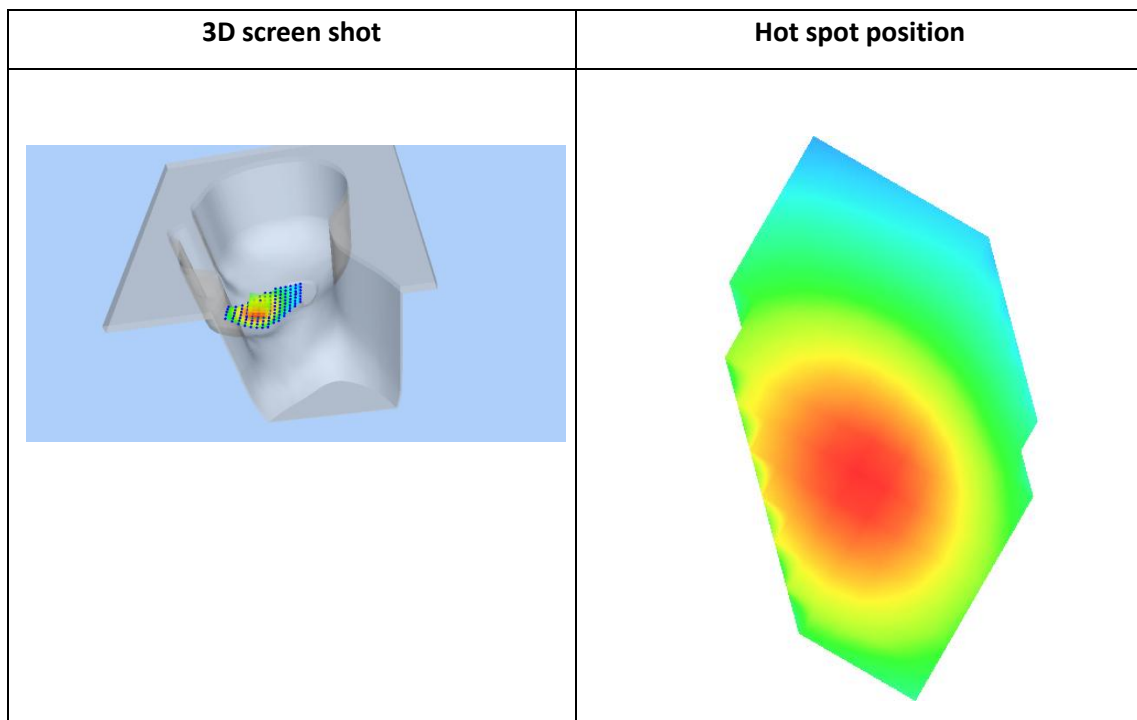
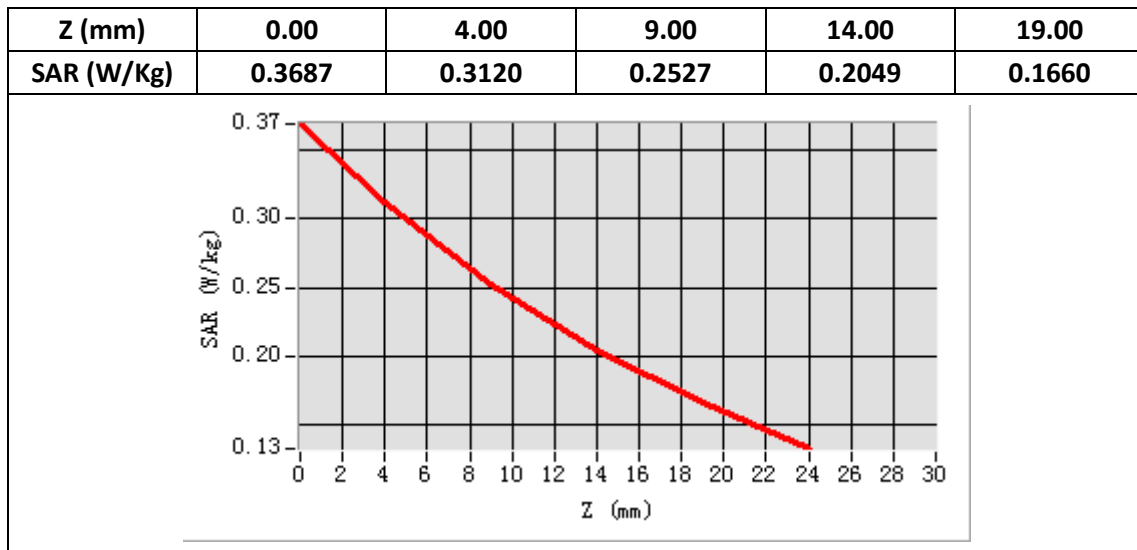
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	836.6
Relative permittivity (real part)	41.65
Relative permittivity (imaginary part)	19.44
Conductivity (S/m)	0.88
Variation (%)	-2.52
ConvF:	4.99



Maximum location: X=-56.00, Y=-33.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.225763
SAR 1g (W/Kg)	0.301732



Plot 8:WCDMA 850 , Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 03 seconds

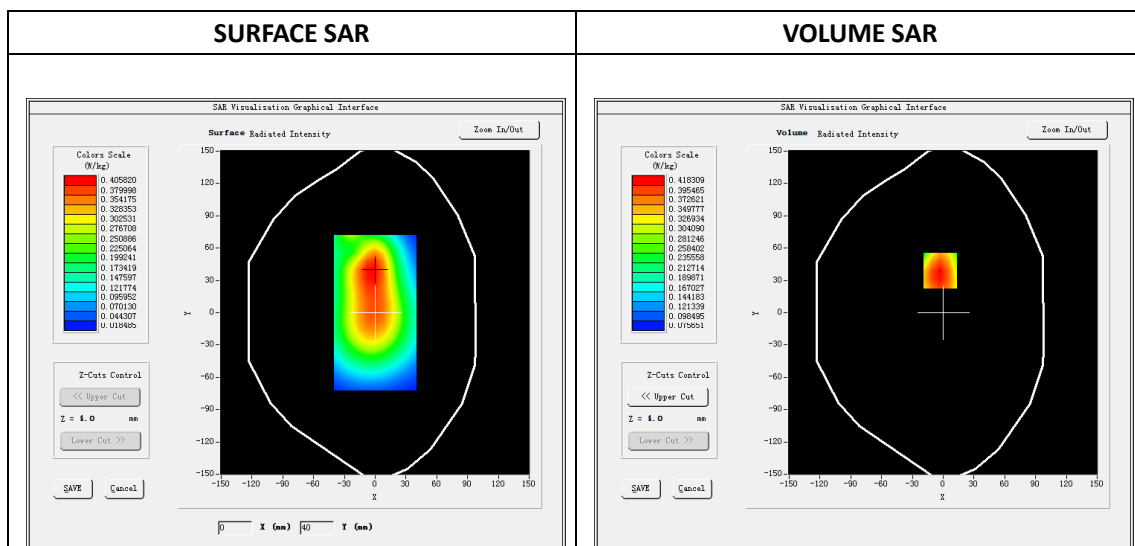
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WCDMA 850
Channels	Middle
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

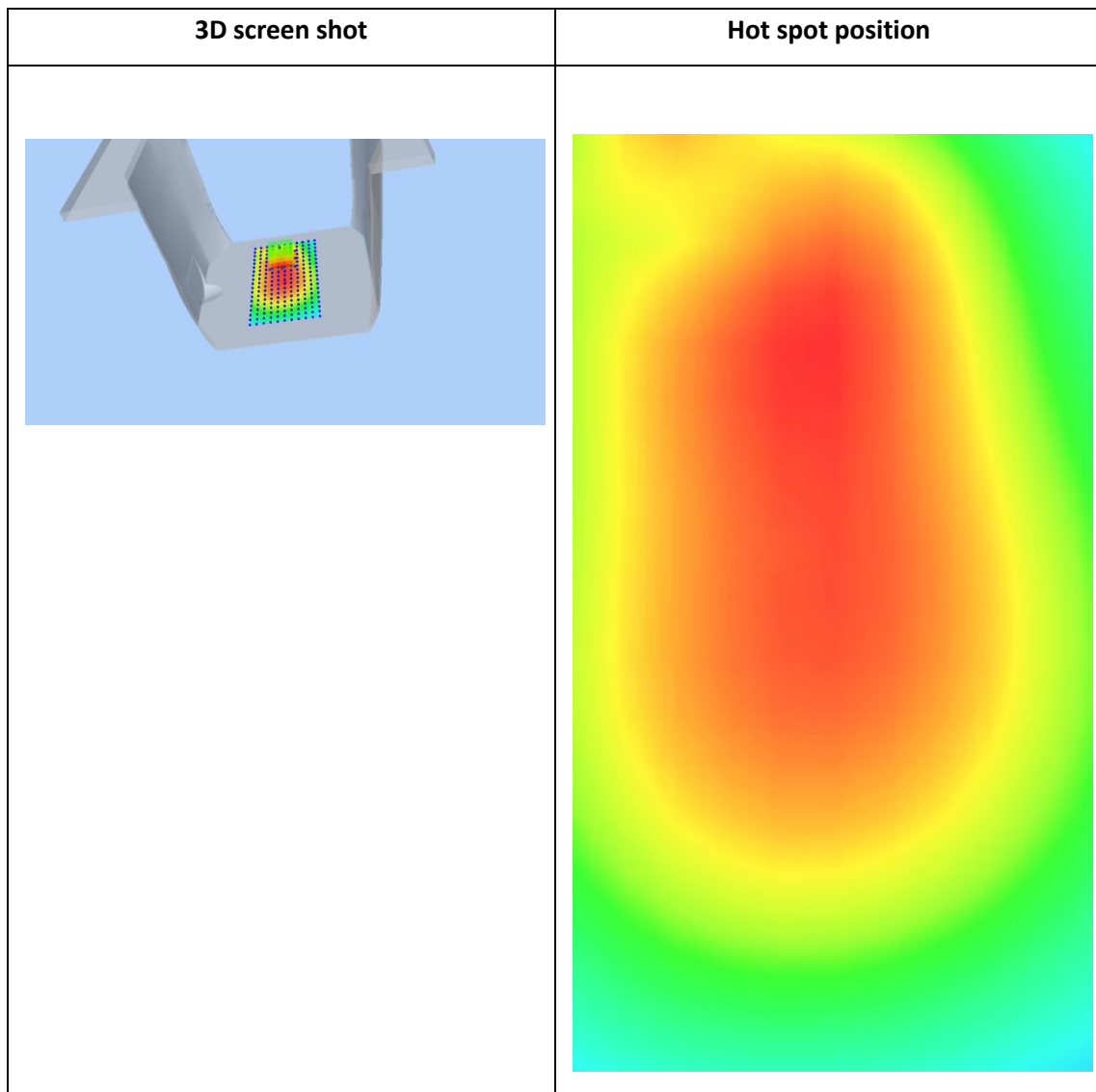
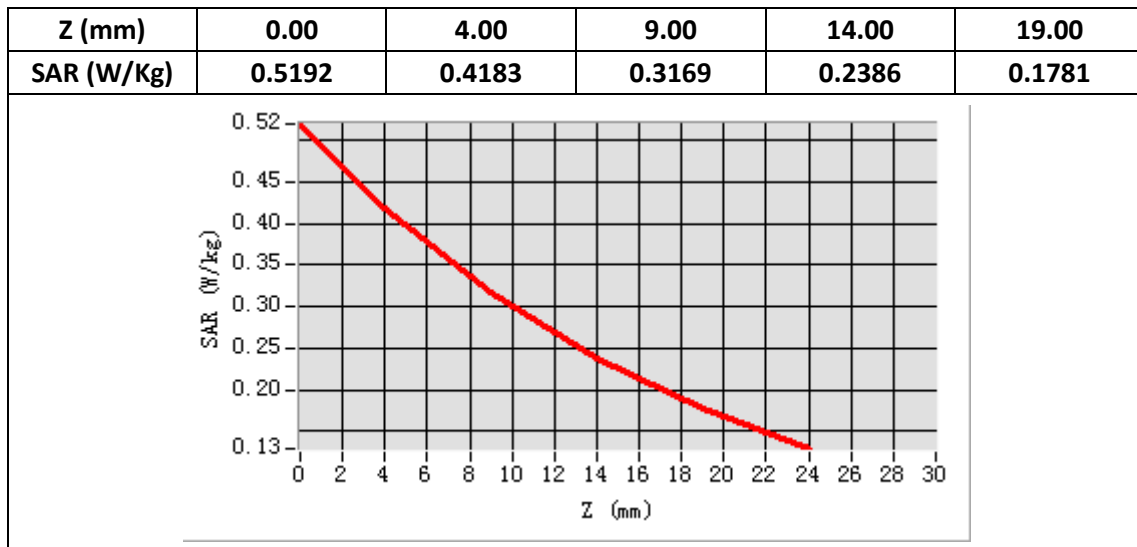
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	836.6
Relative permittivity (real part)	55.36
Relative permittivity (imaginary part)	20.47
Conductivity (S/m)	0.93
Variation (%)	-1.12
ConvF:	5.18



Maximum location: X=-3.00, Y=39.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.289753
SAR 1g (W/Kg)	0.406219



Plot 9: LTE Band2, 20MHz, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/17/2018

Measurement duration: 22 minutes 17 seconds

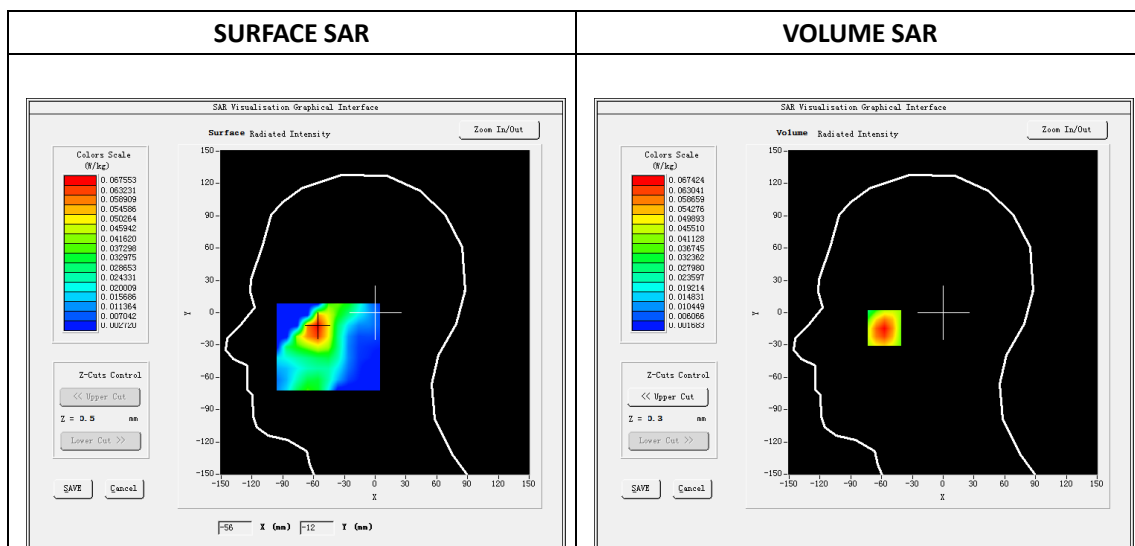
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

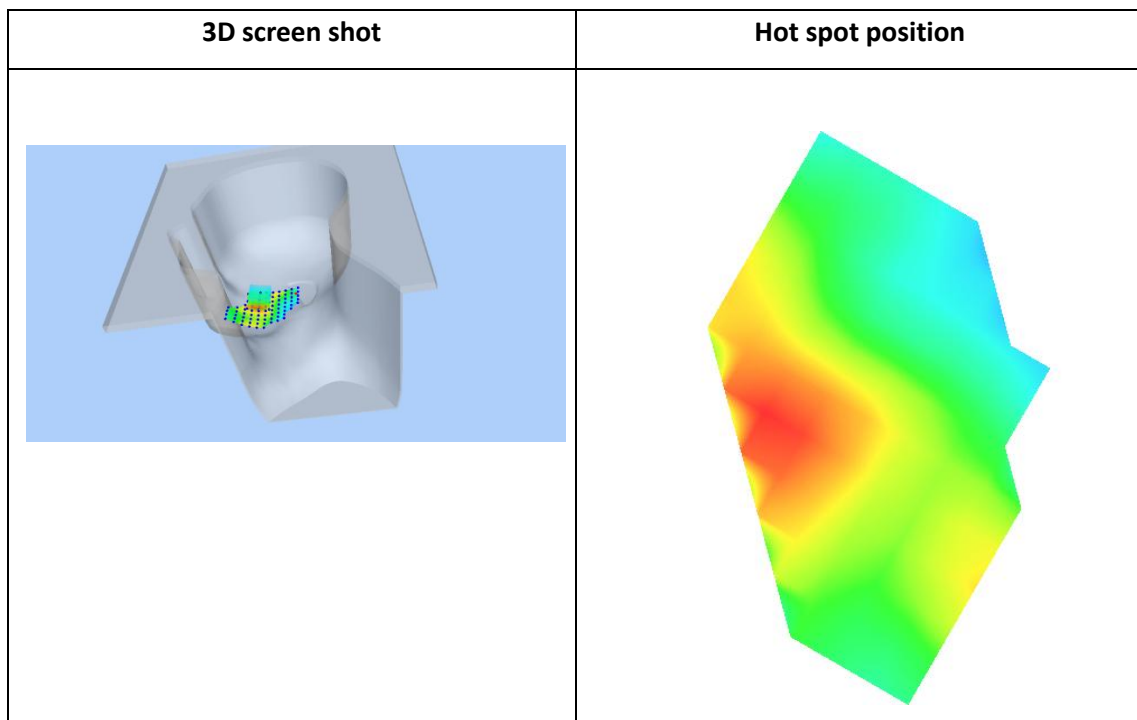
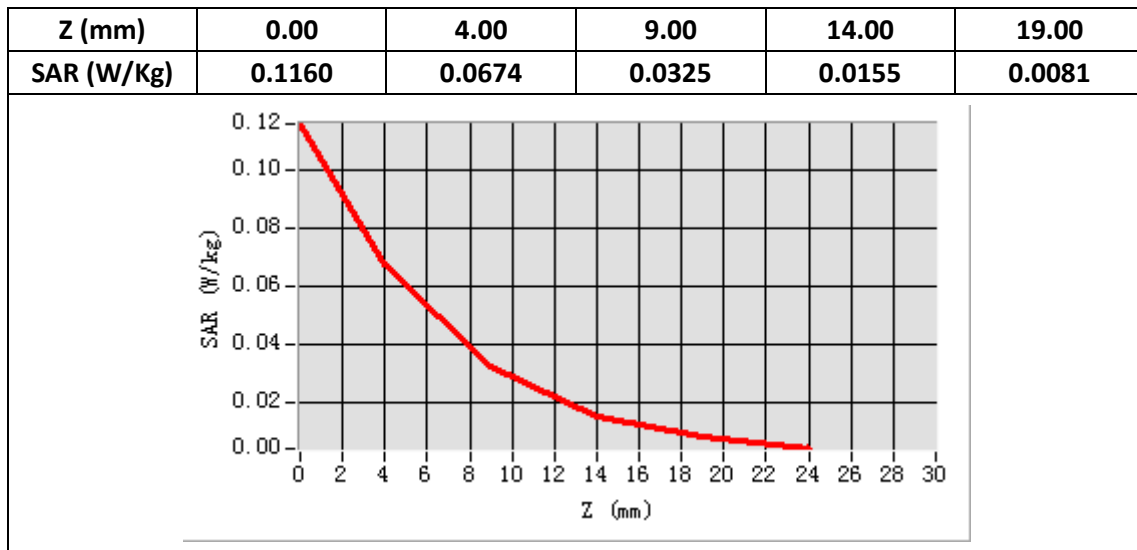
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1880
Relative permittivity (real part)	41.20
Relative permittivity (imaginary part)	12.78
Conductivity (S/m)	1.35
Variation (%)	1.50
ConvF:	4.73



Maximum location: X=-57.00, Y=-13.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.033361
SAR 1g (W/Kg)	0.064091



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

Type: Phone measurement

Date of measurement: 05/17/2018

Measurement duration: 22 minutes 15 seconds

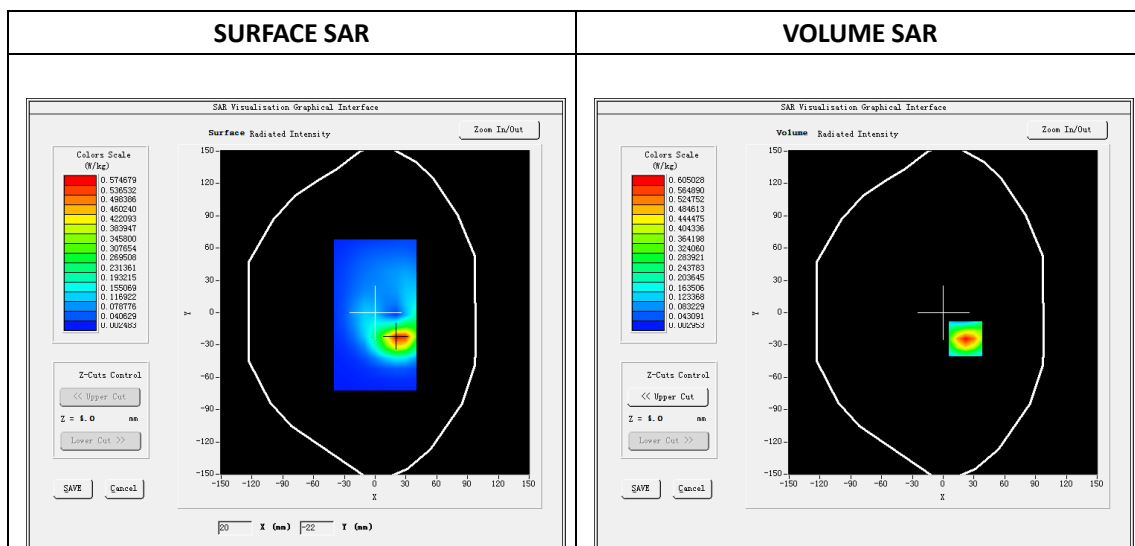
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

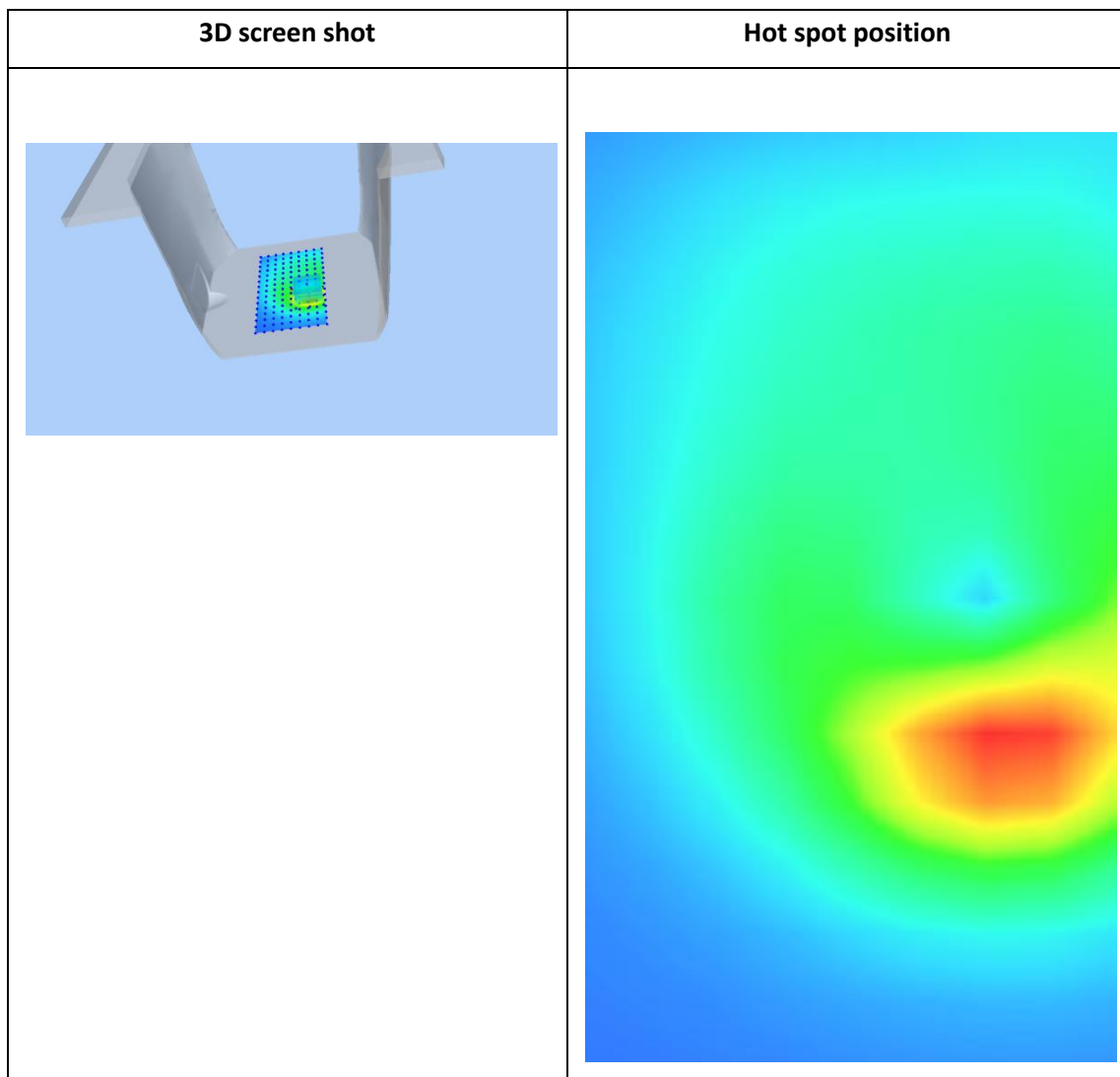
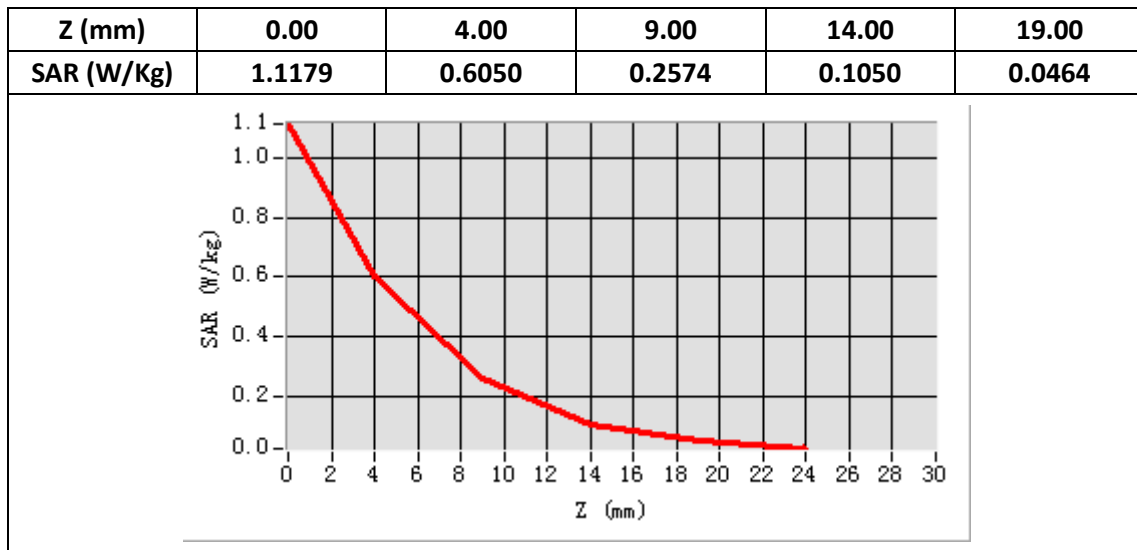
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1880
Relative permittivity (real part)	53.96
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	0.29
ConvF:	4.83



Maximum location: X=22.00, Y=-24.00

SAR Peak: 1.12 W/kg

SAR 10g (W/Kg)	0.246401
SAR 1g (W/Kg)	0.559762



Plot 11: LTE Band4, 20MHz, Right Cheek Middle

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 33 seconds

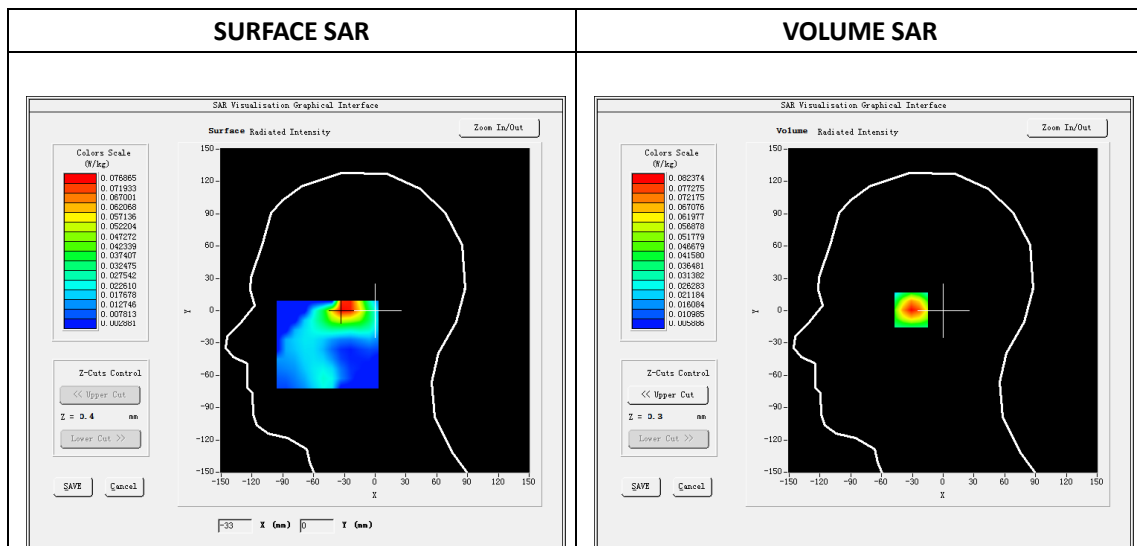
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

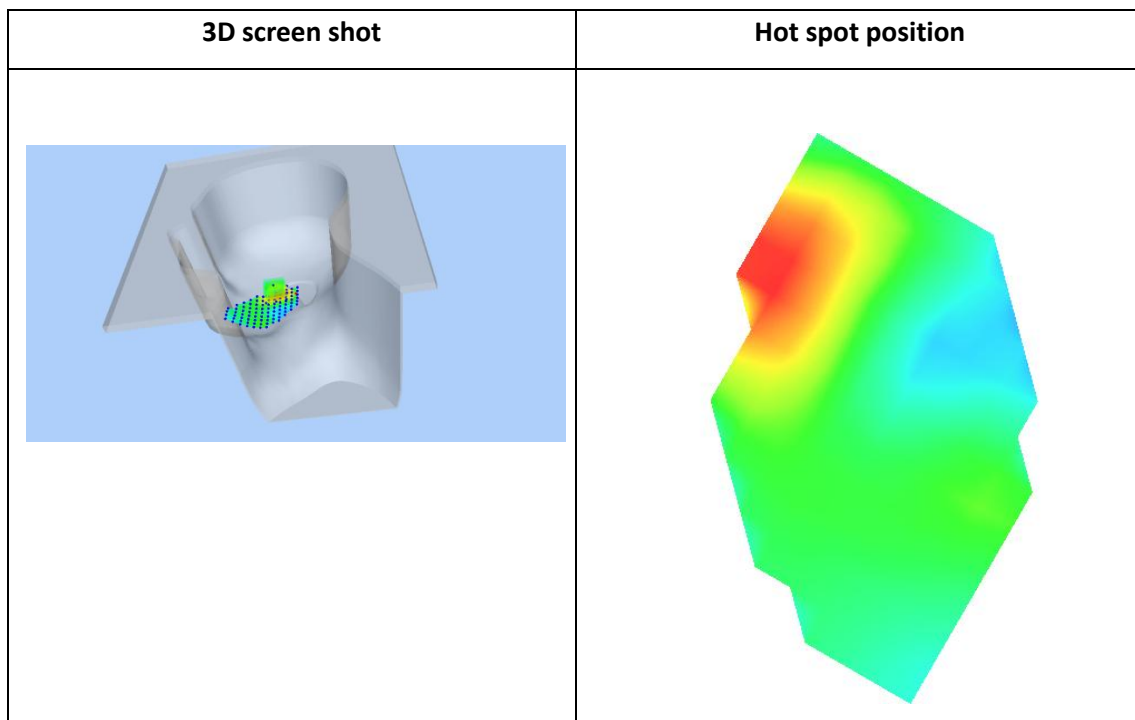
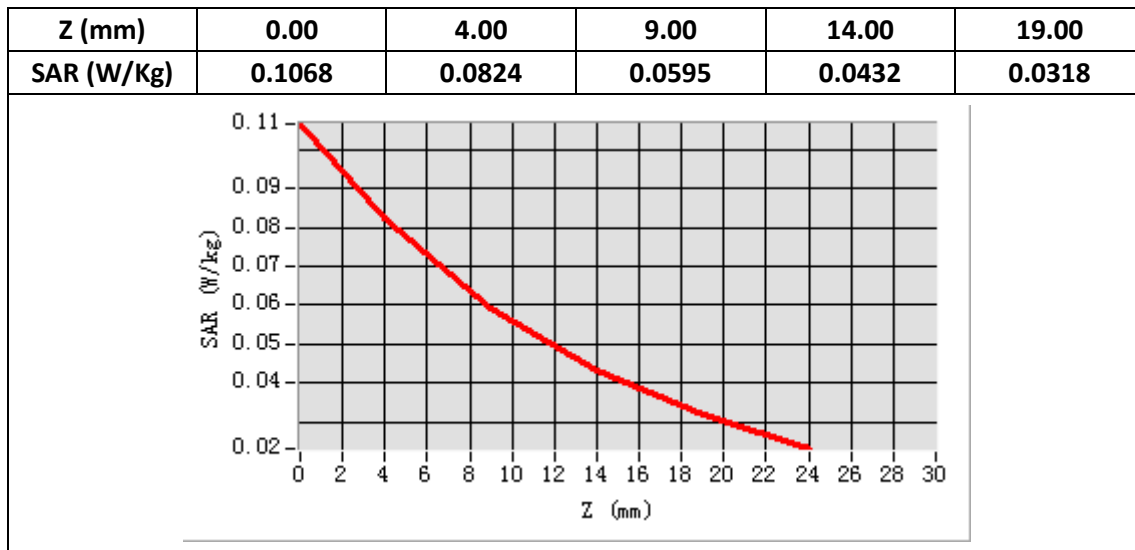
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1732.5
Relative permittivity (real part)	38.88
Relative permittivity (imaginary part)	13.70
Conductivity (S/m)	1.37
Variation (%)	1.42
ConvF:	4.29



Maximum location: X=-30.00, Y=2.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.049311
SAR 1g (W/Kg)	0.077879



Plot 12: LTE Band4, 20MHz,Edge C Middle,10mm

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 32 seconds

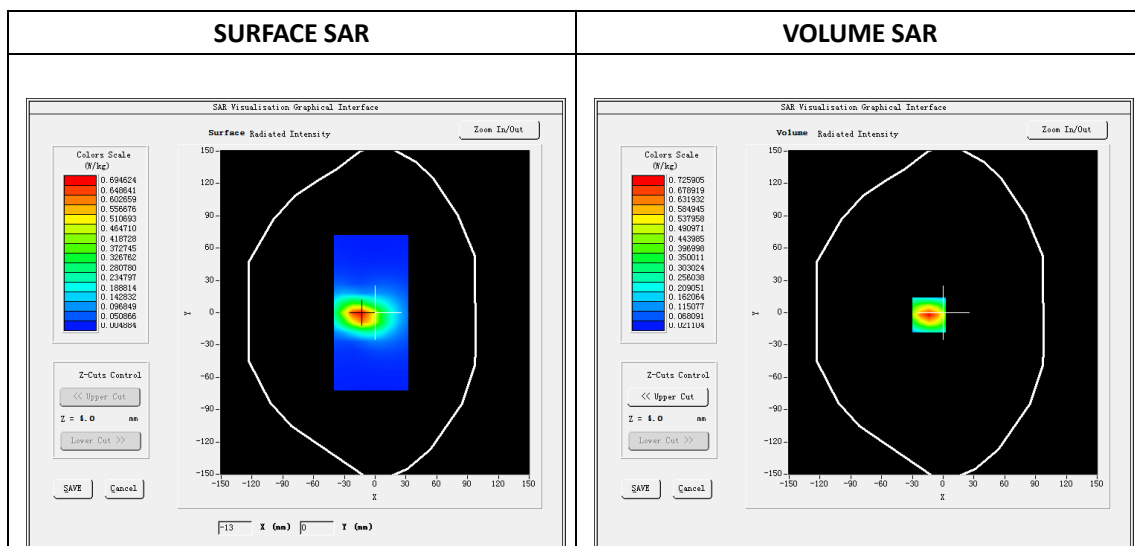
Mobile Phone IMEI number: --

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

B. SAR Measurement Results

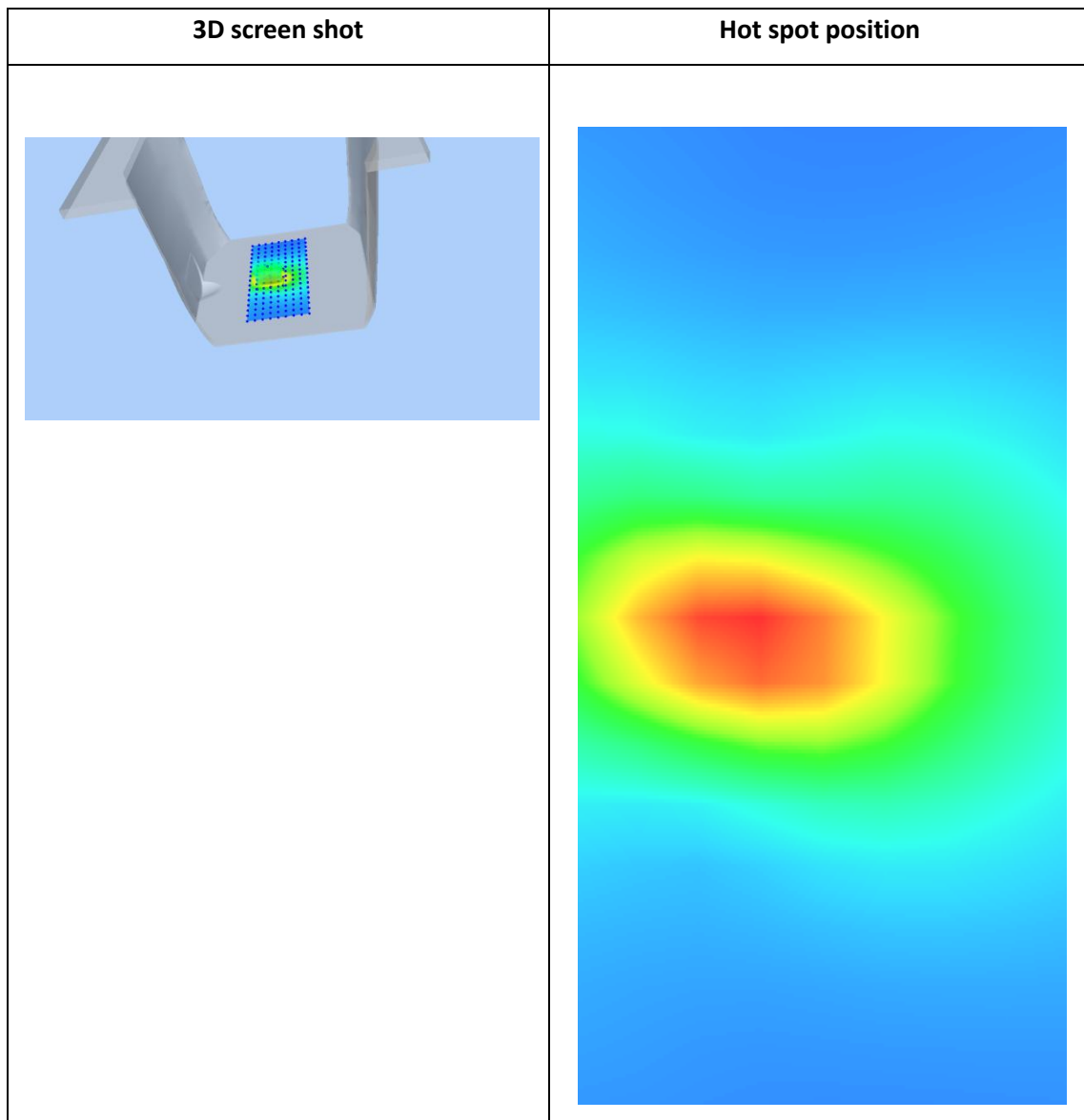
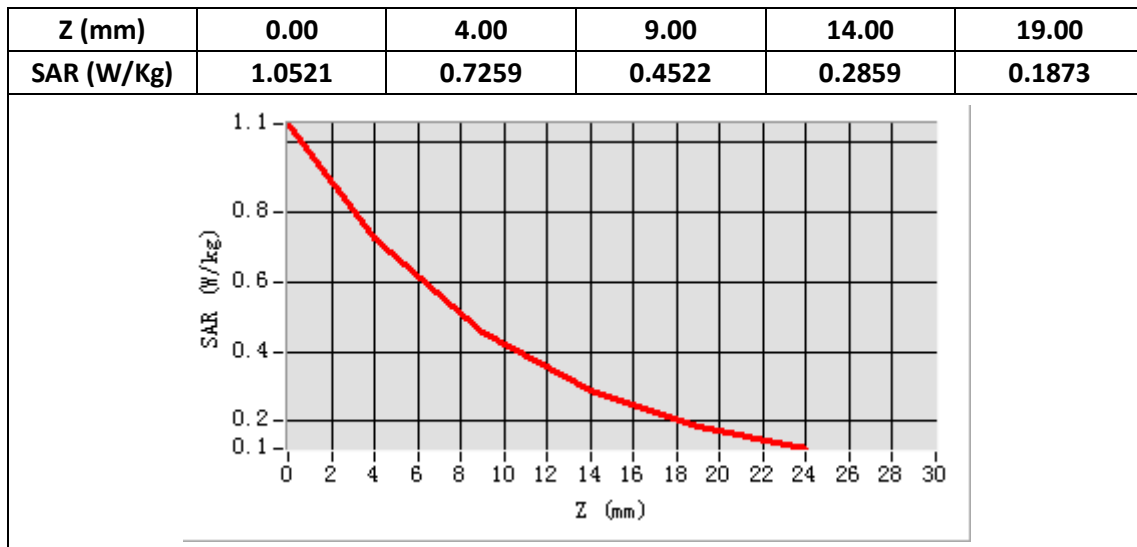
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.15
Relative permittivity (imaginary part)	14.80
Conductivity (S/m)	1.48
Variation (%)	-0.47
ConvF:	4.43



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

SAR Peak: 1.05 W/kg

SAR 10g (W/Kg)	0.365277
SAR 1g (W/Kg)	0.645360



Plot 13: LTE Band5, 10MHz, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 41 seconds

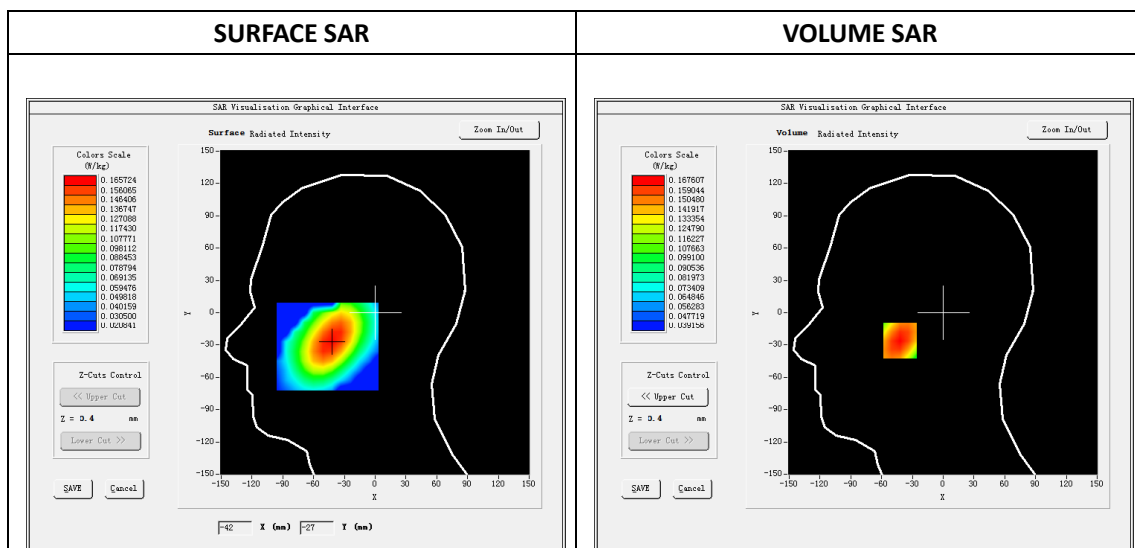
Mobile Phone IMEI number: --

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

B. SAR Measurement Results

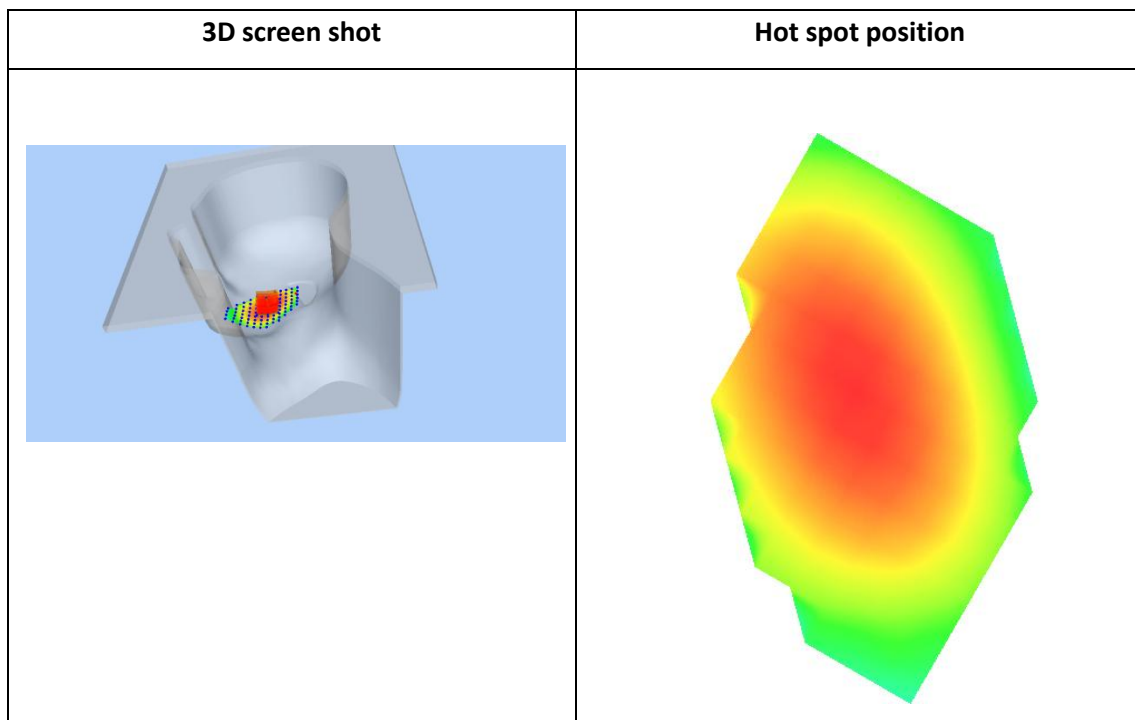
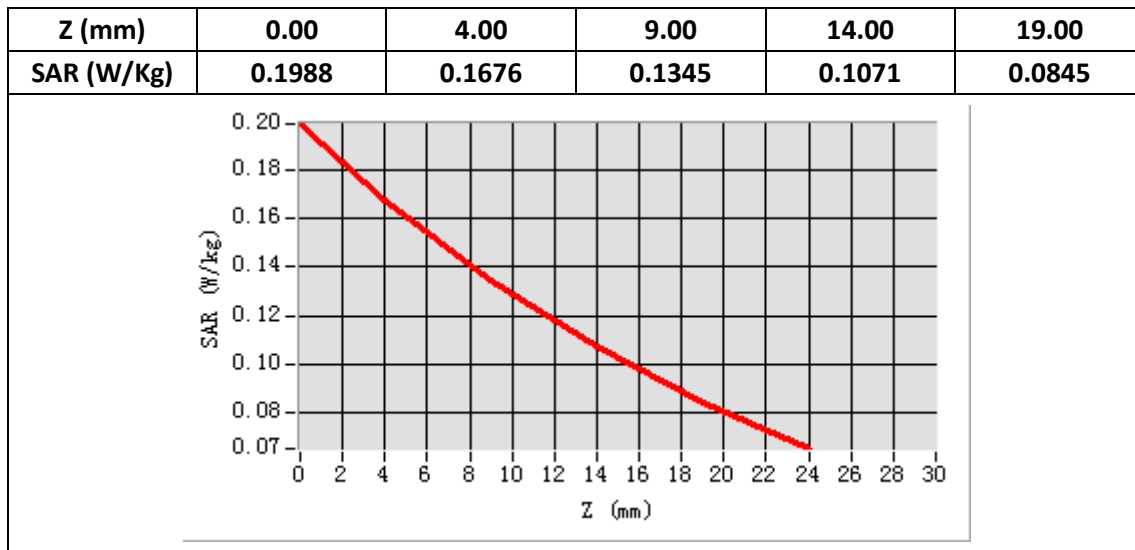
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	836.5
Relative permittivity (real part)	41.65
Relative permittivity (imaginary part)	19.44
Conductivity (S/m)	0.88
Variation (%)	-0.99
ConvF:	4.99



Maximum location: X=-42.00, Y=-26.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.123008
SAR 1g (W/Kg)	0.163047



Plot 14: LTE Band5, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 47 seconds

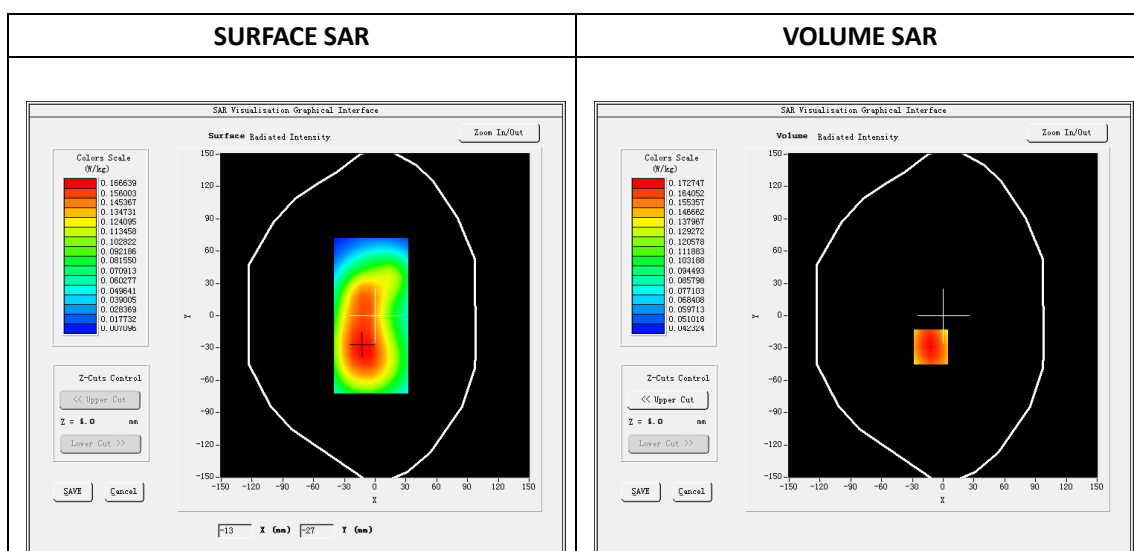
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

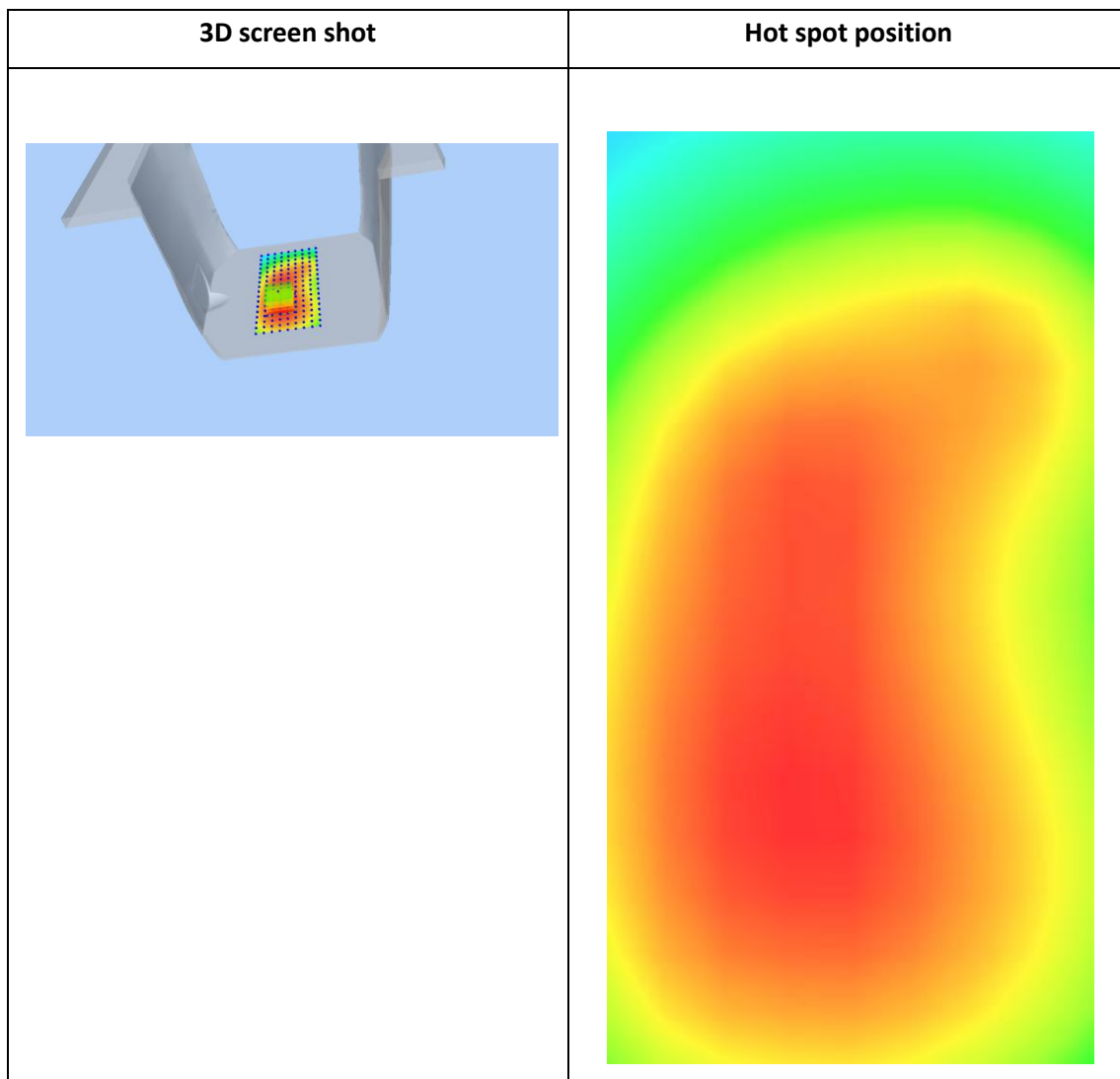
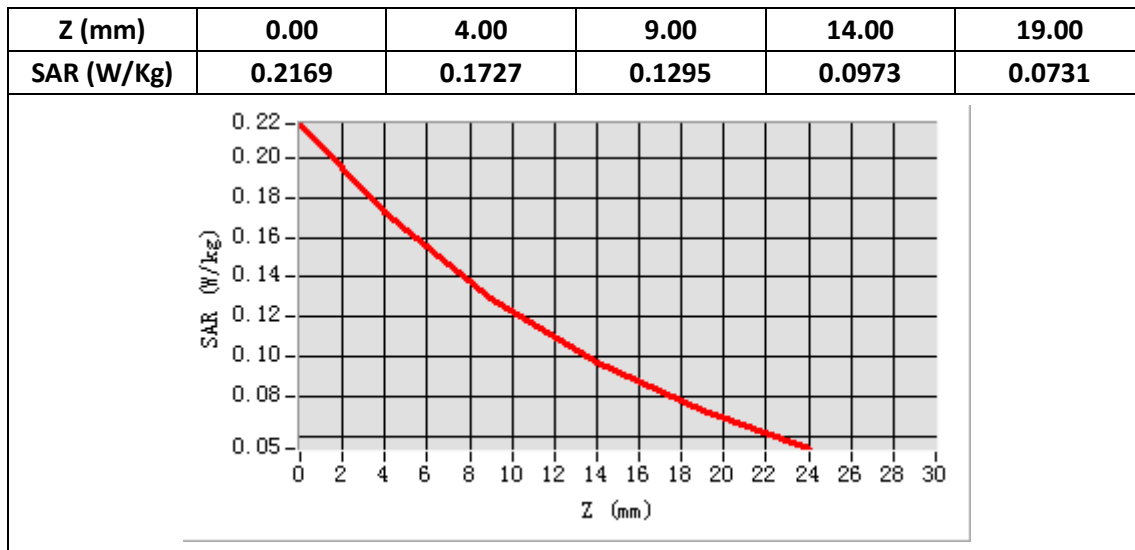
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	836.5
Relative permittivity (real part)	55.36
Relative permittivity (imaginary part)	20.47
Conductivity (S/m)	0.93
Variation (%)	1.19
ConvF:	5.18



Maximum location: X=-12.00, Y=-29.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.168497
SAR 1g (W/Kg)	0.230813



Plot 15: LTE Band7, 20MHz, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/21/2018

Measurement duration: 22 minutes 55 seconds

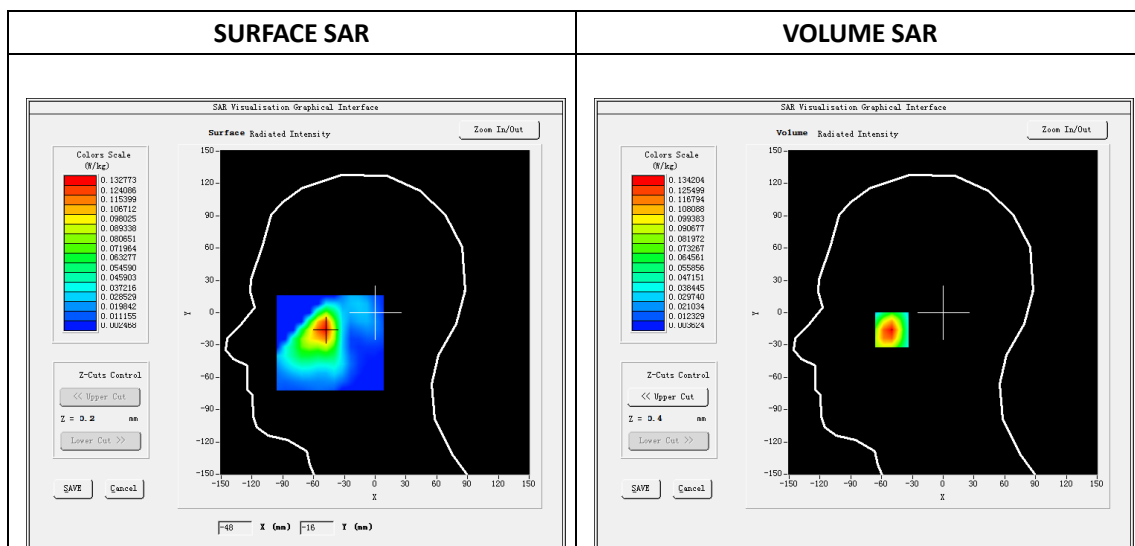
Mobile Phone IMEI number: --

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

B. SAR Measurement Results

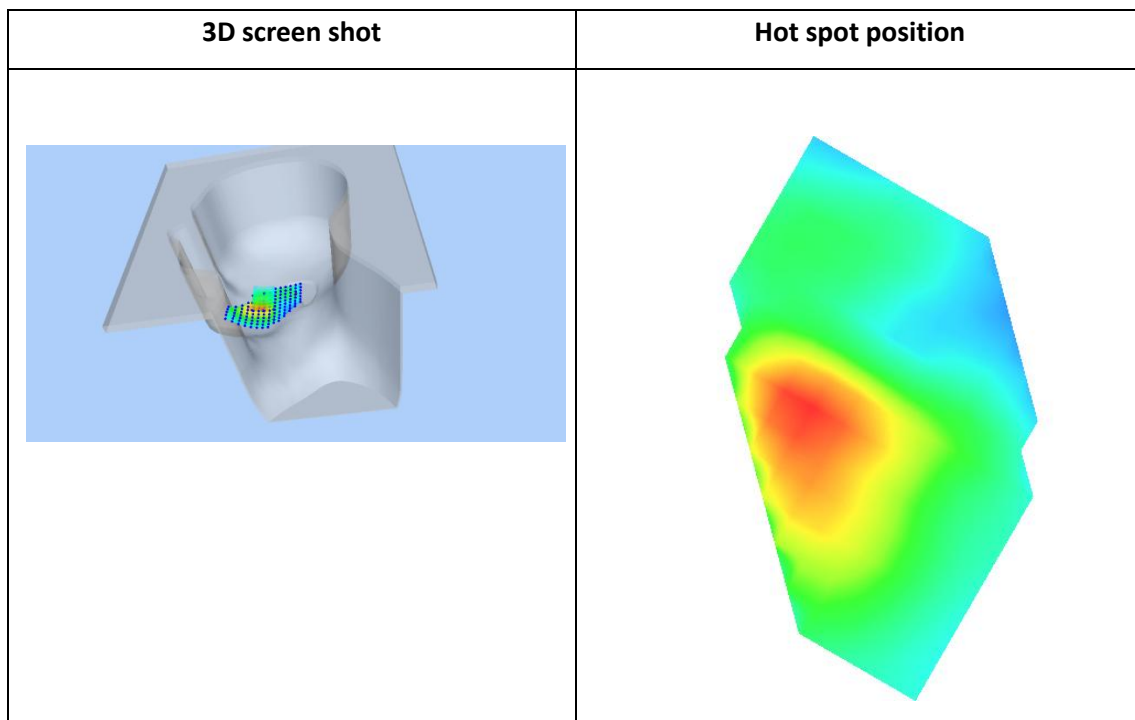
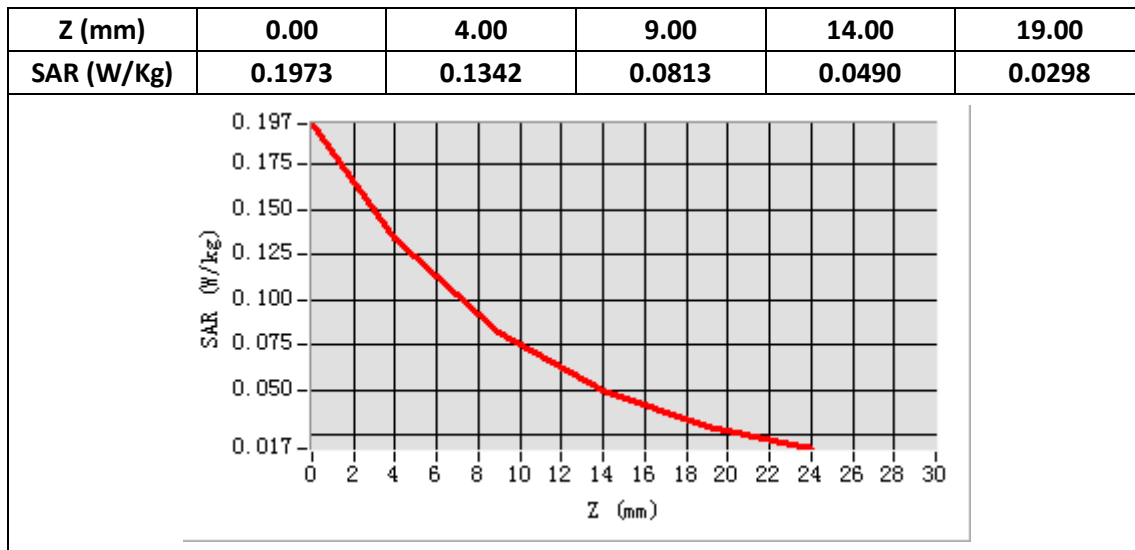
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	2535
Relative permittivity (real part)	38.12
Relative permittivity (imaginary part)	13.43
Conductivity (S/m)	1.94
Variation (%)	-0.64
ConvF:	4.16



Maximum location: X=-50.00, Y=-15.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.069673
SAR 1g (W/Kg)	0.126695



Plot 16: LTE Band7, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/21/2018

Measurement duration: 22 minutes 16 seconds

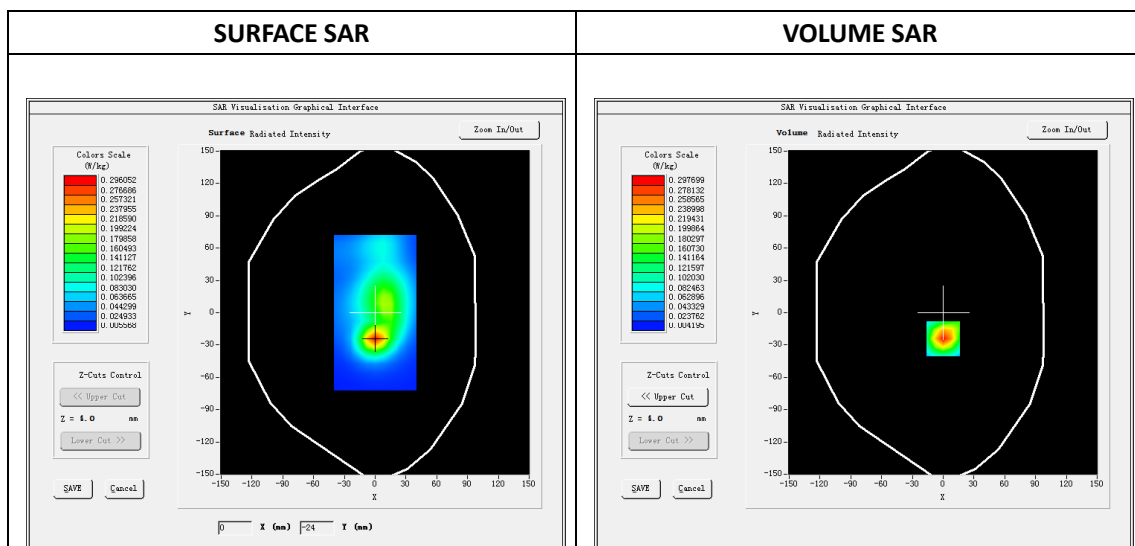
Mobile Phone IMEI number: --

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

B. SAR Measurement Results

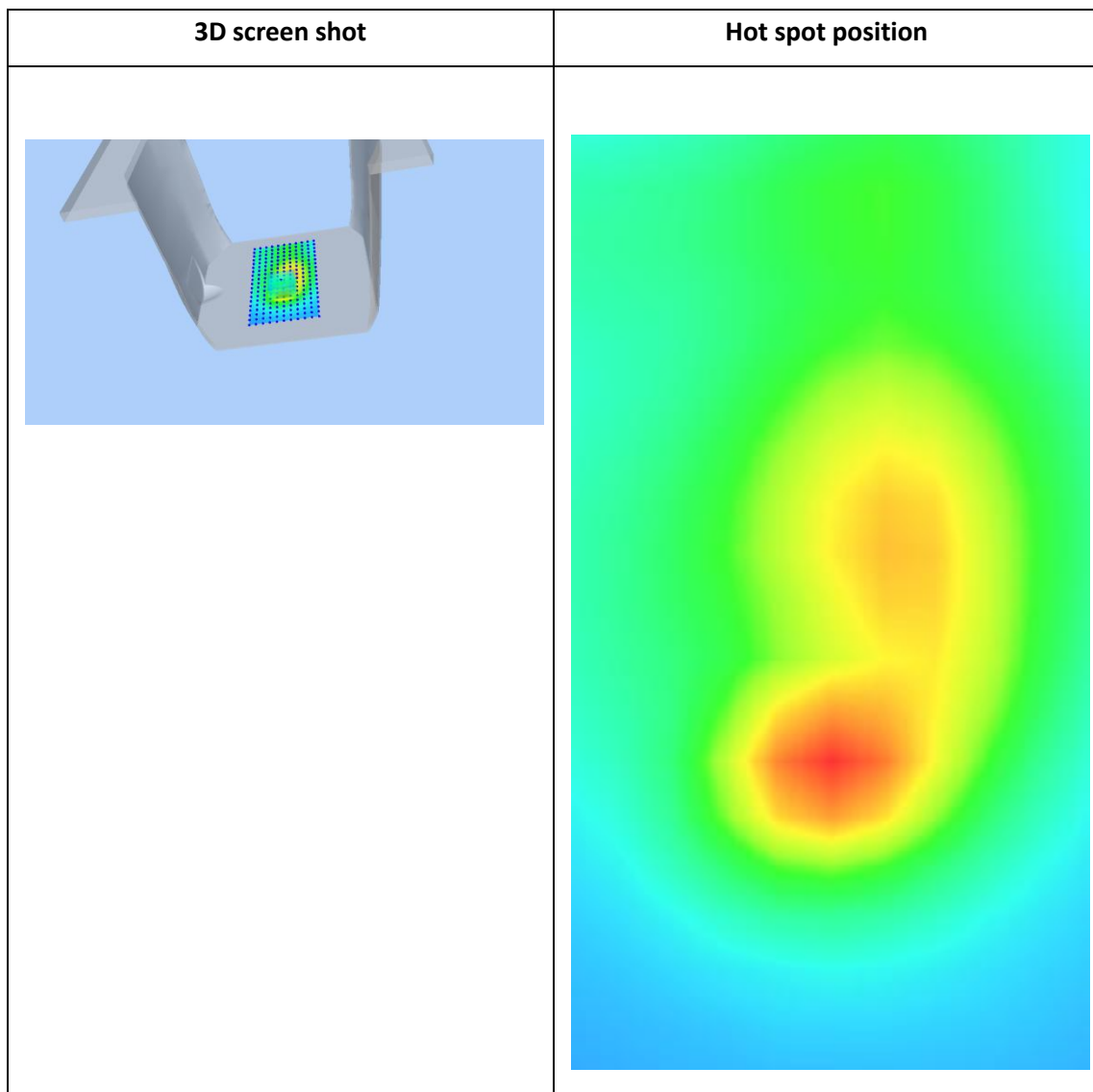
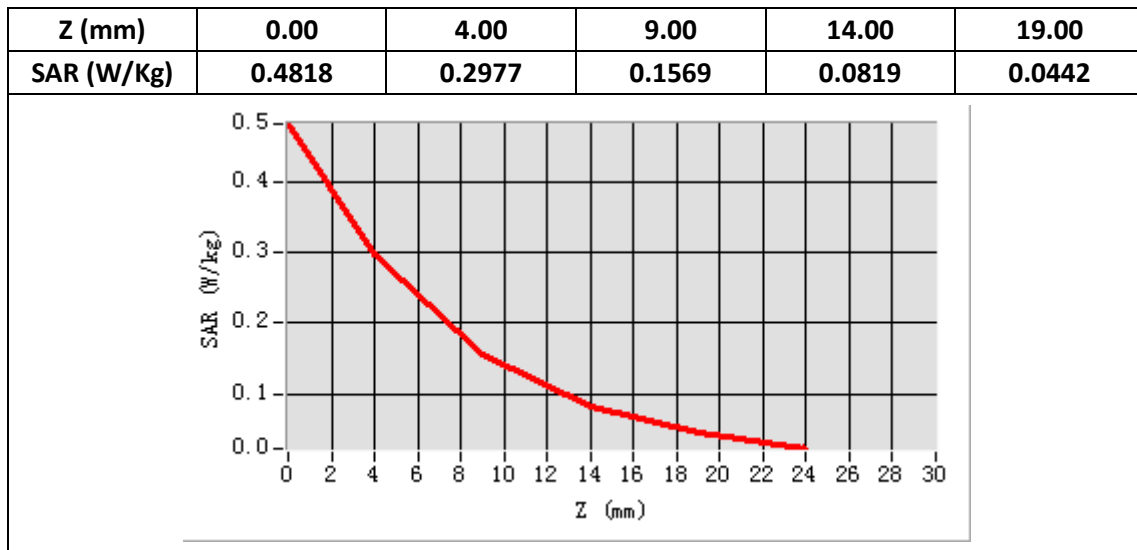
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	2535
Relative permittivity (real part)	52.41
Relative permittivity (imaginary part)	14.26
Conductivity (S/m)	2.06
Variation (%)	-0.41
ConvF:	4.28



Maximum location: X=0.00, Y=-24.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.134452
SAR 1g (W/Kg)	0.274033



Plot 17: WIFI 802.11b, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/15/2018

Measurement duration: 22 minutes 15 seconds

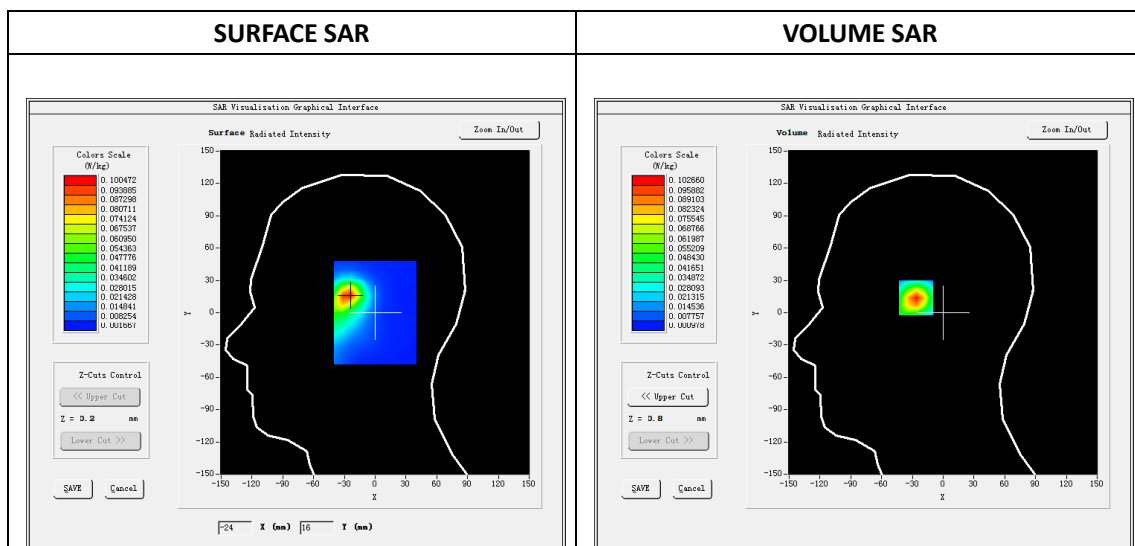
Mobile Phone IMEI number: --

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 802.11b
Channels	2437
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

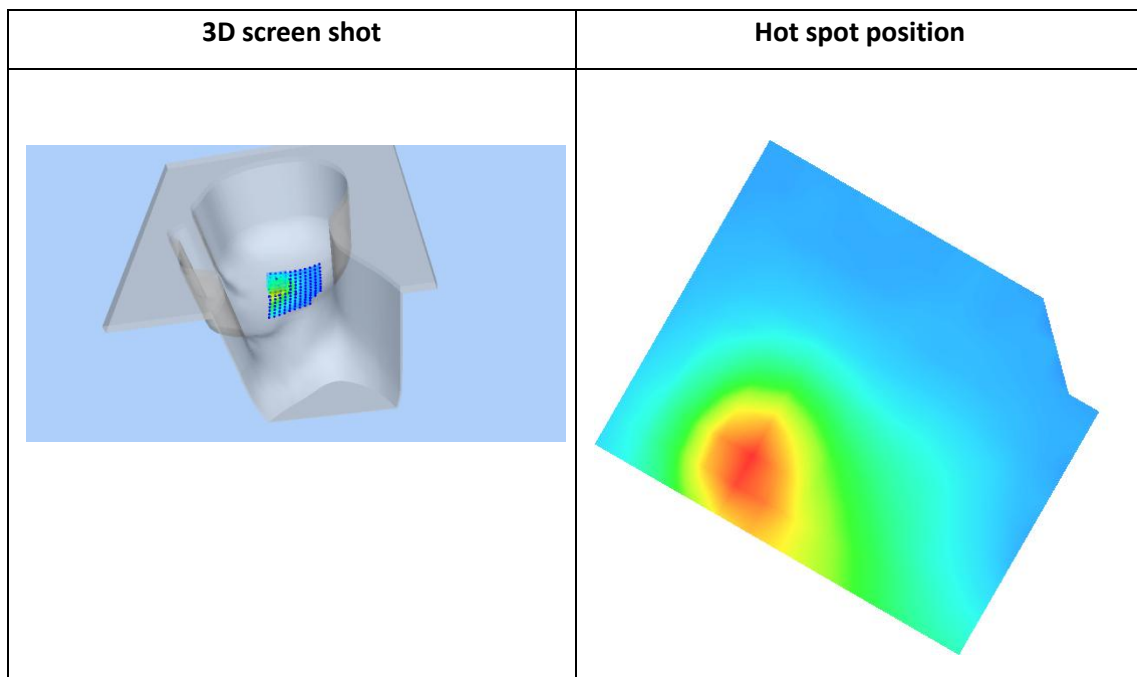
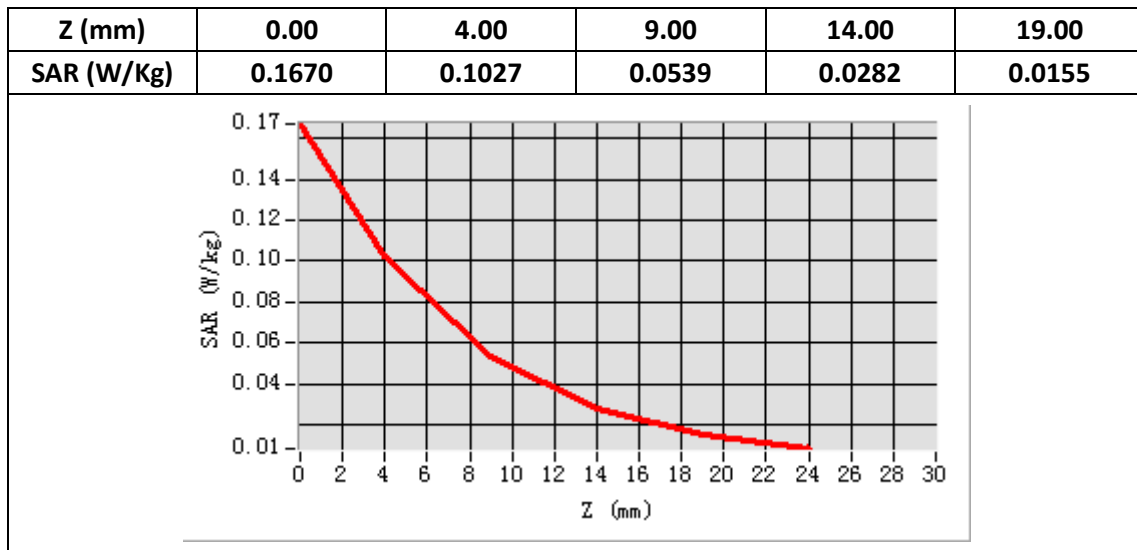
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	6
Relative permittivity (real part)	38.75
Relative permittivity (imaginary part)	12.93
Conductivity (S/m)	1.76
Variation (%)	0.56
ConvF:	4.46



Maximum location: X=-26.00, Y=16.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.047085
SAR 1g (W/Kg)	0.100702



Plot 18: WIFI 802.11b, Back, Middle ,10mm

Type: Phone measurement

Date of measurement: 05/15/2018

Measurement duration: 22 minutes 33 seconds

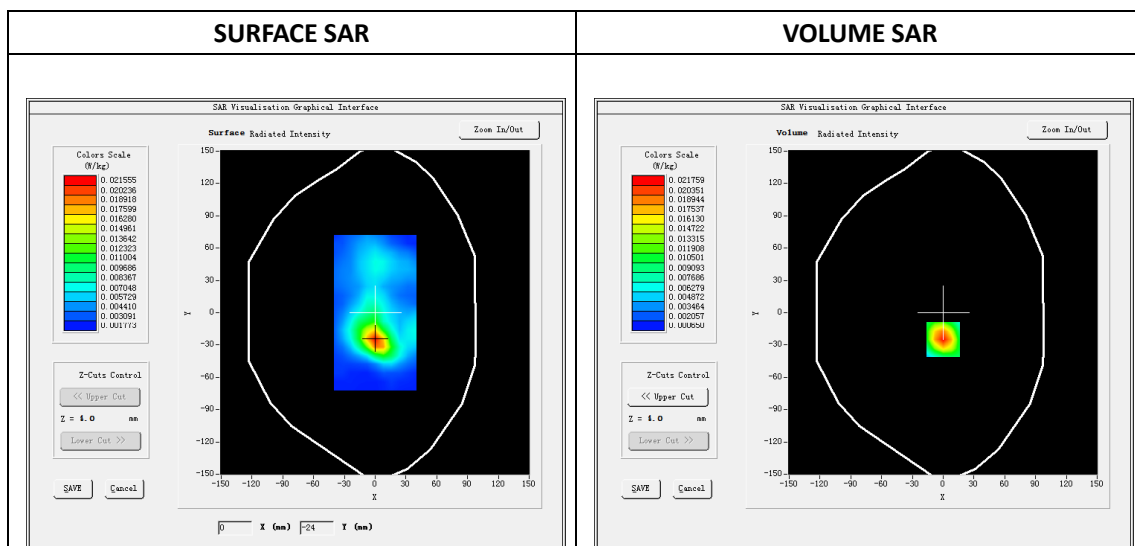
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 802.11b
Channels	2437
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

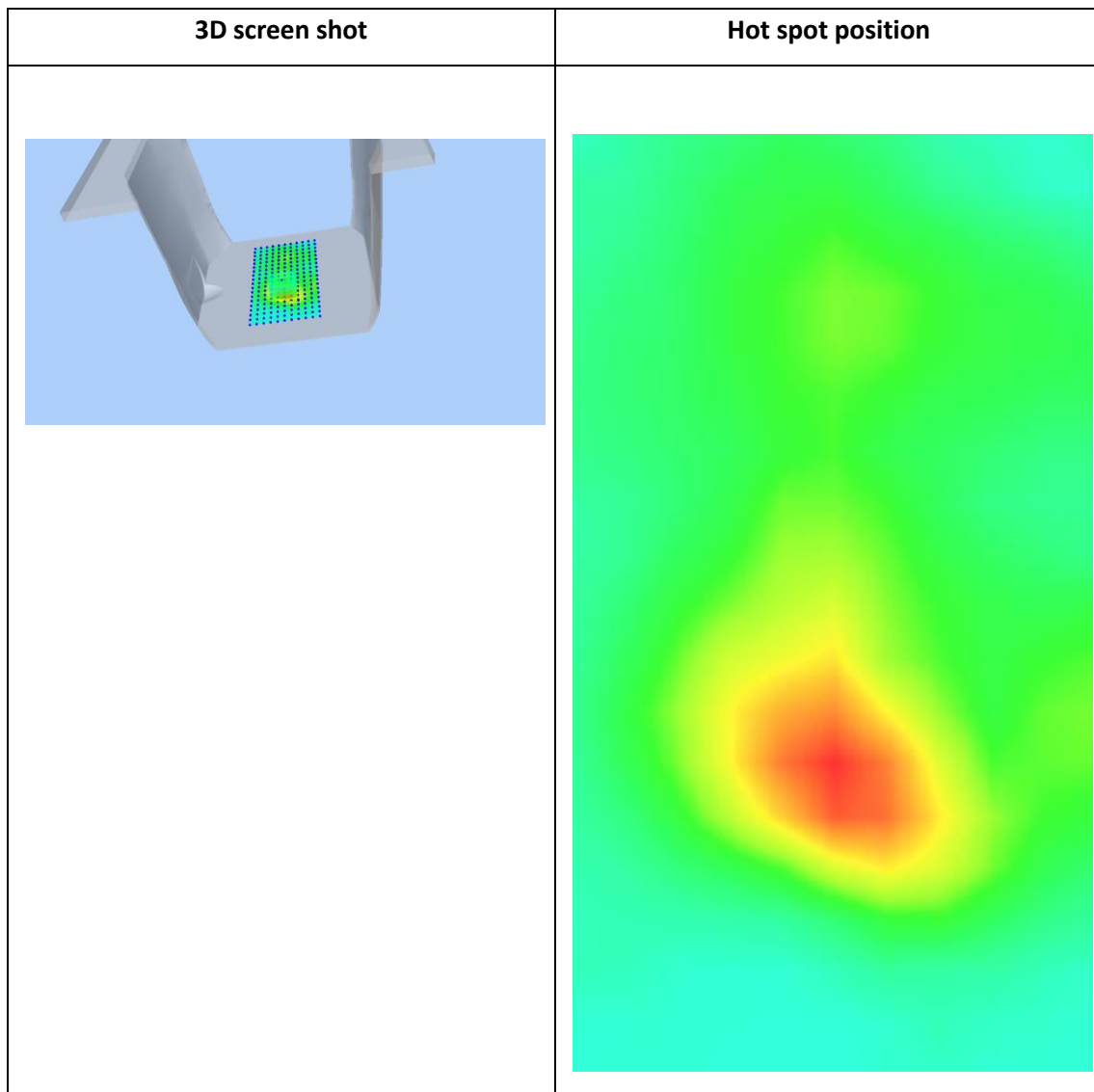
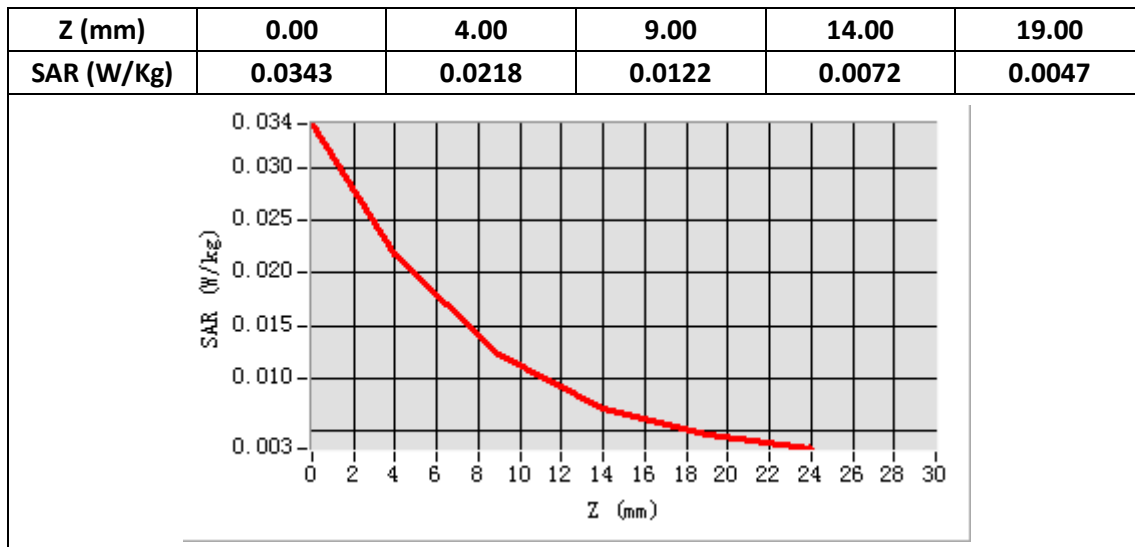
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	6
Relative permittivity (real part)	52.36
Relative permittivity (imaginary part)	15.04
Conductivity (S/m)	1.92
Variation (%)	2.70
ConvF:	4.61



Maximum location: X=0.00, Y=-25.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.011247
SAR 1g (W/Kg)	0.021634



Plot 19: WIFI 802.11a/20, Right Cheek

Type: Phone measurement

Date of measurement: 06/05/2018

Measurement duration: 22 minutes 11 seconds

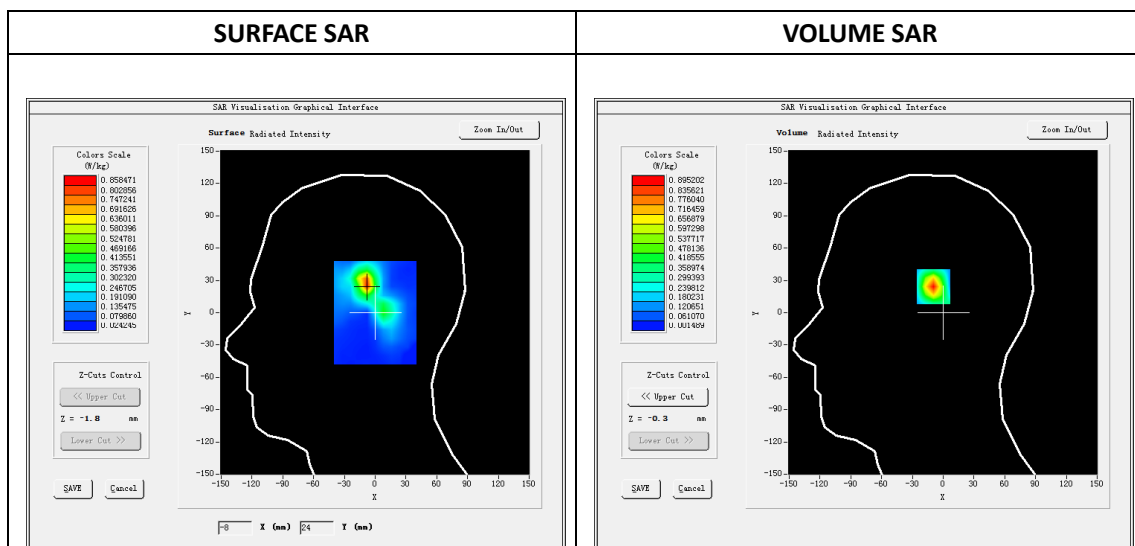
Mobile Phone IMEI number: --

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	WIFI 802.11a/20
Channels	36
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

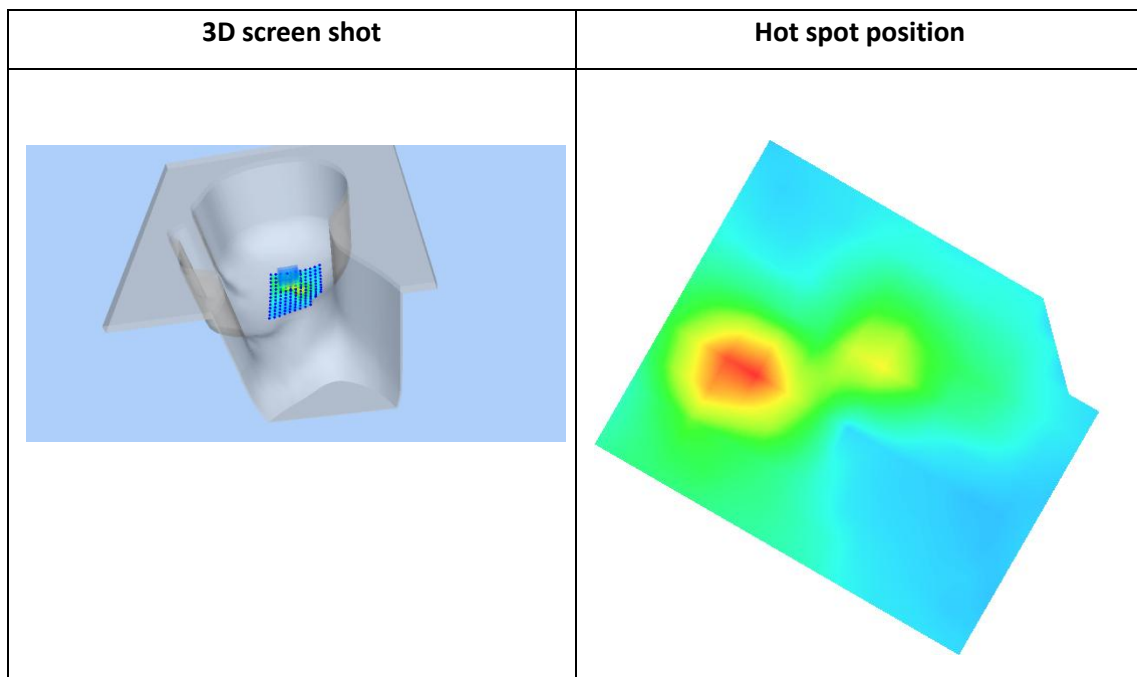
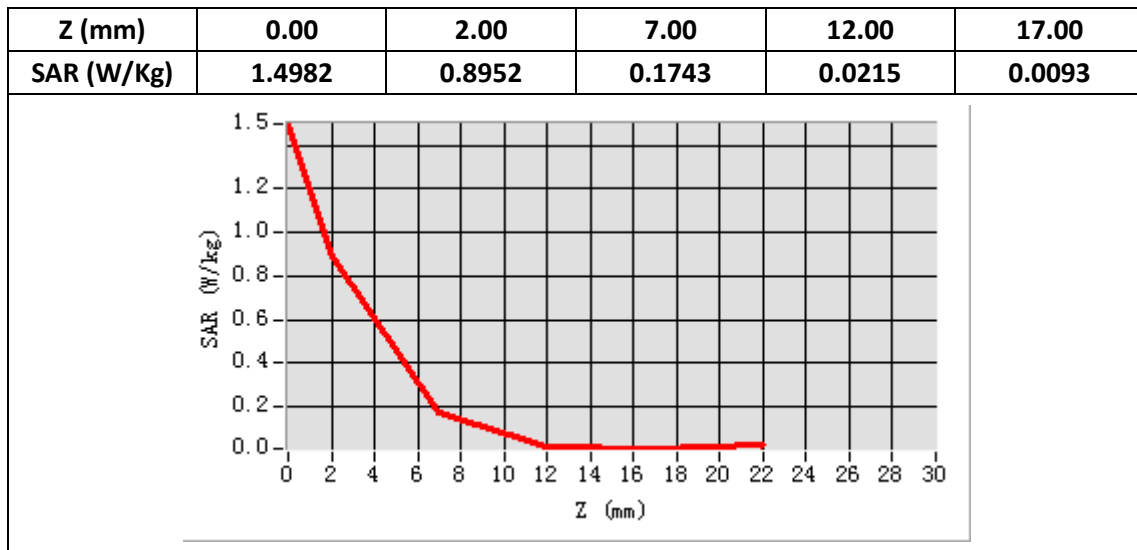
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5180
Relative permittivity (real part)	34.74
Relative permittivity (imaginary part)	14.68
Conductivity (S/m)	4.82
Variation (%)	-2.80
ConvF:	2.20



Maximum location: X=-8.00, Y=-26.00

SAR Peak: 2.34 W/kg

SAR 10g (W/Kg)	0.318987
SAR 1g (W/Kg)	0.872693



Plot 18: WIFI 802.11a/20, 20MHz, Back, 10mm

Type: Phone measurement

Date of measurement: 06/05/2018

Measurement duration: 22 minutes 55 seconds

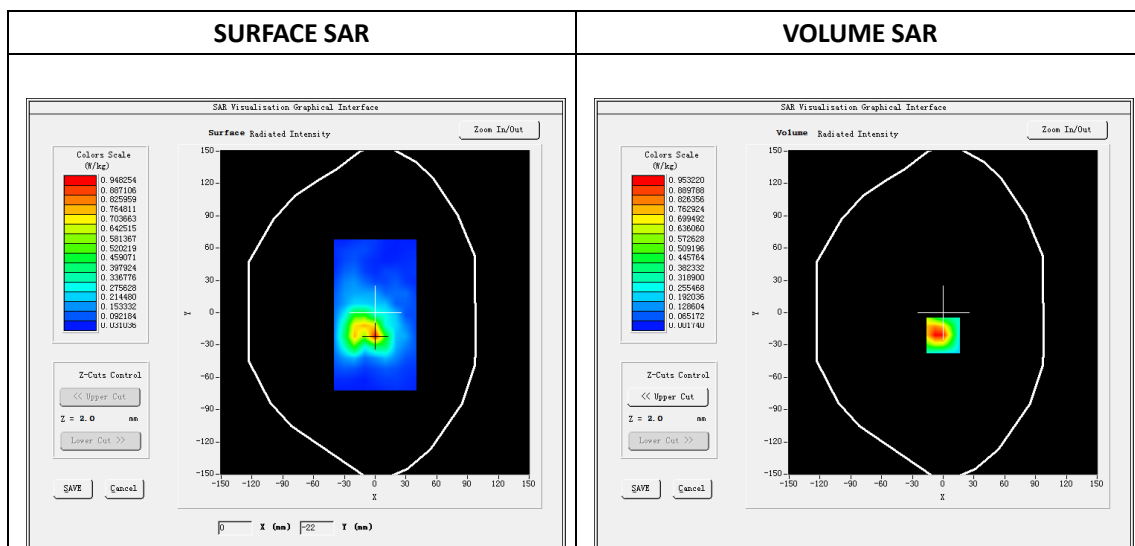
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 802.11a/20
Channels	36
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

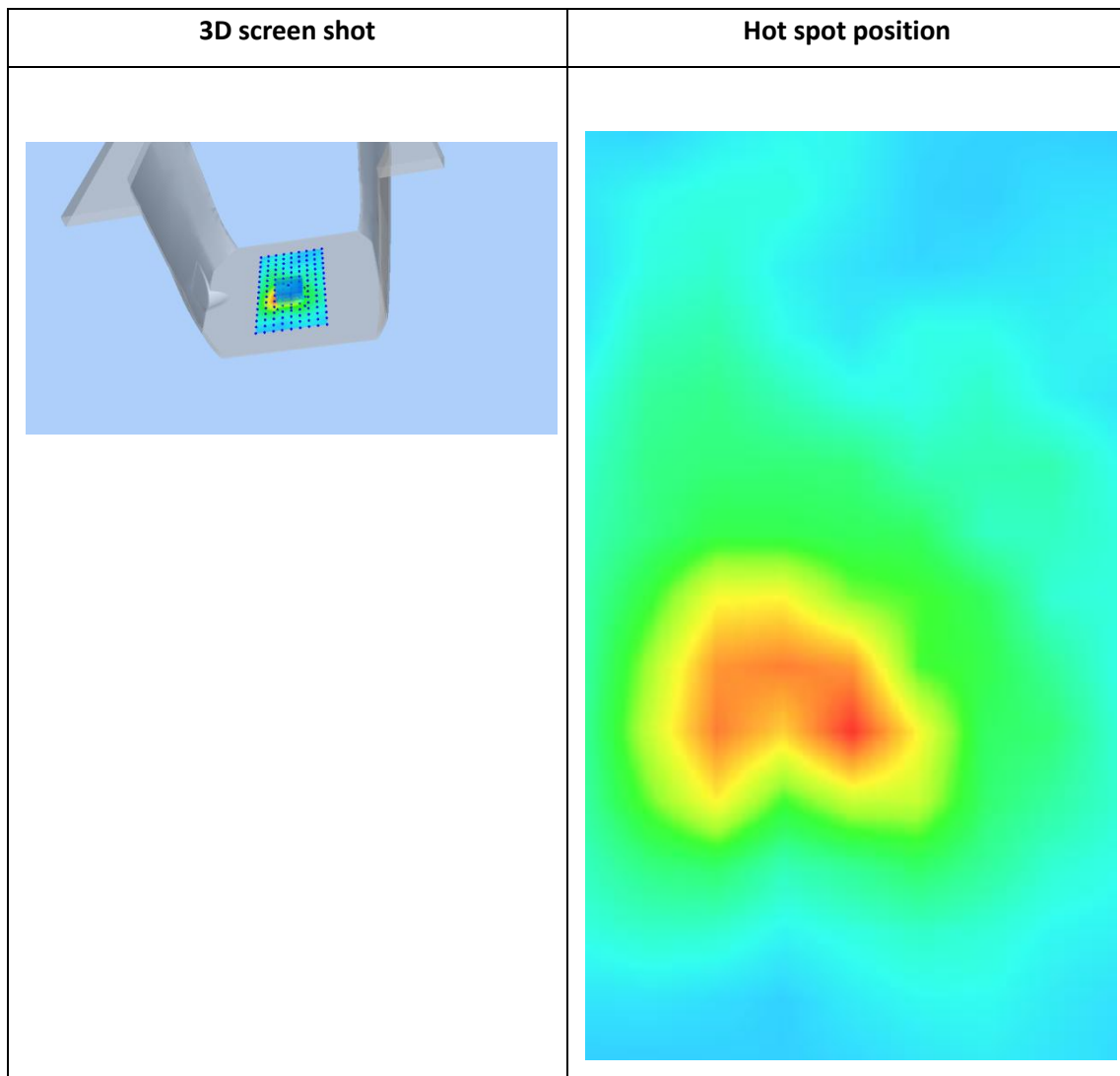
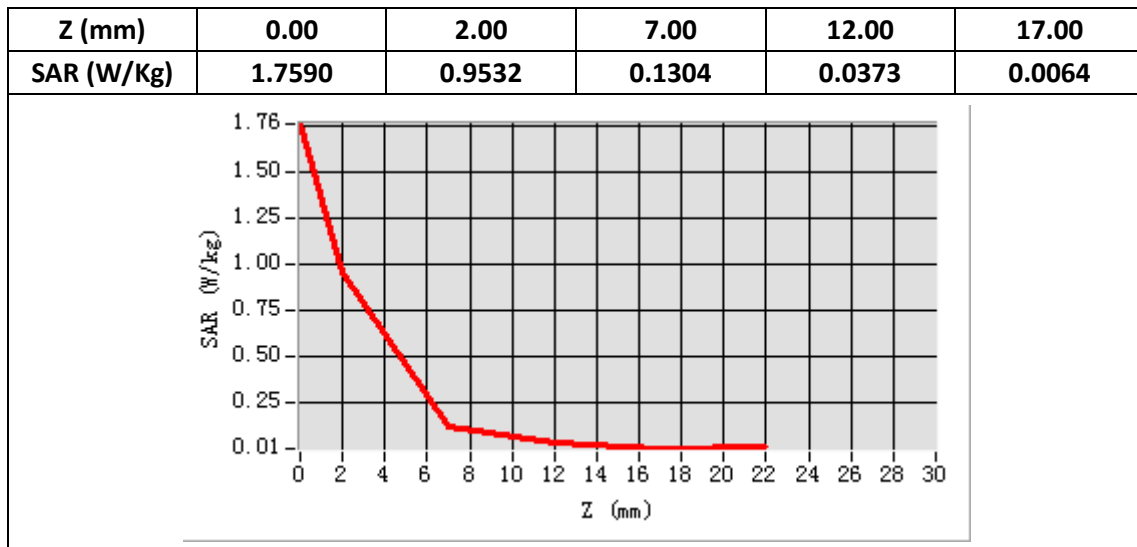
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5180
Relative permittivity (real part)	49.55
Relative permittivity (imaginary part)	18.43
Conductivity (S/m)	5.22
Variation (%)	-0.93
ConvF:	2.27



Maximum location: X=0.00, Y=-21.00

SAR Peak: 1.70 W/kg

SAR 10g (W/Kg)	0.242141
SAR 1g (W/Kg)	0.594623



Plot 21: WIFI 802.11n/40, Right Cheek

Type: Phone measurement

Date of measurement: 06/05/2018

Measurement duration: 22 minutes 22 seconds

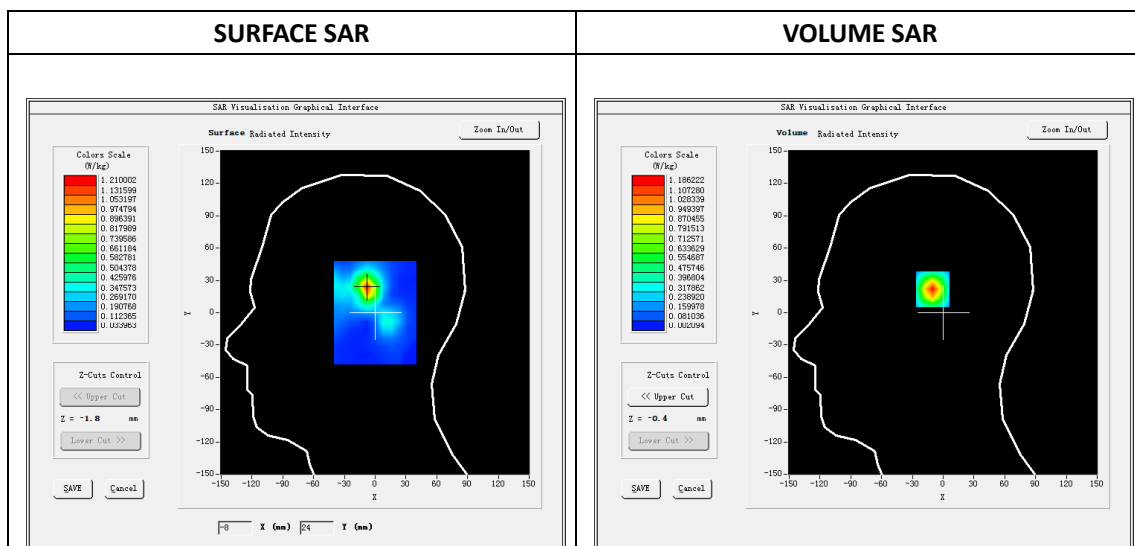
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Rightt Cheek
Band	WIFI 802.11n/40
Channels	54
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

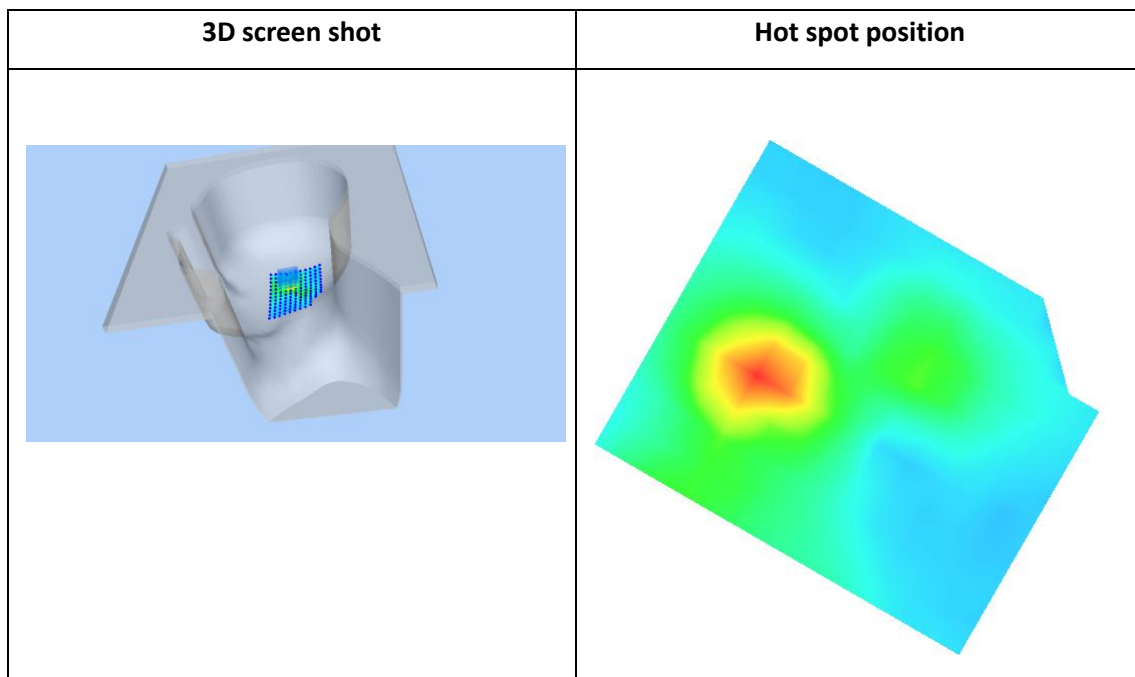
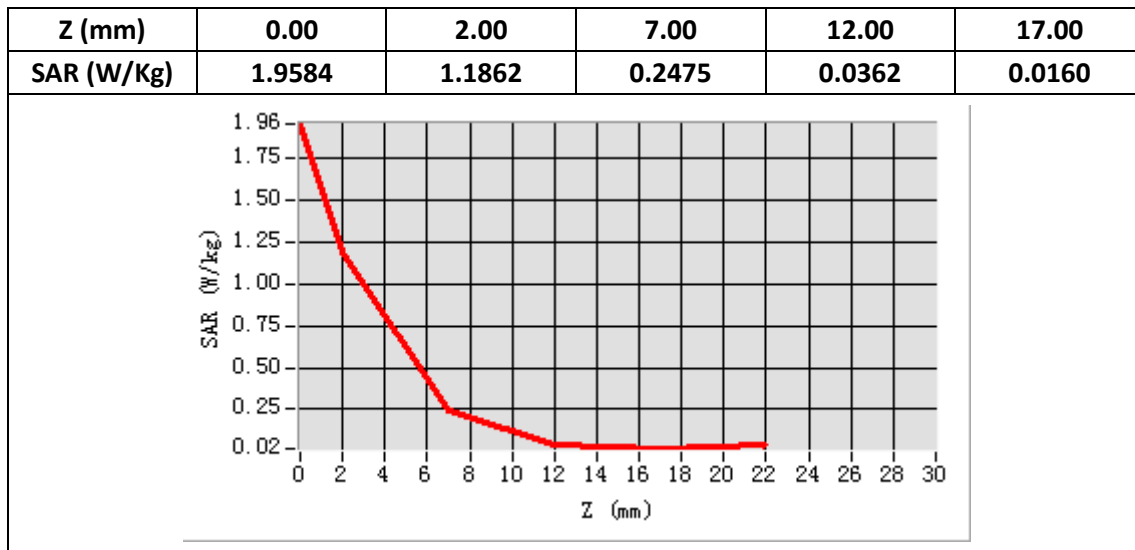
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5320
Relative permittivity (real part)	37.84
Relative permittivity (imaginary part)	16.70
Conductivity (S/m)	5.01
Variation (%)	-2.76
ConvF:	2.07



Maximum location: X=-8.00, Y=23.00

SAR Peak: 3.04 W/kg

SAR 10g (W/Kg)	0.429709
SAR 1g (W/Kg)	1.077607



Plot 22: WIFI 802.11a/40, Back, 10mm

Type: Phone measurement

Date of measurement: 06/05/2018

Measurement duration: 22 minutes 26 seconds

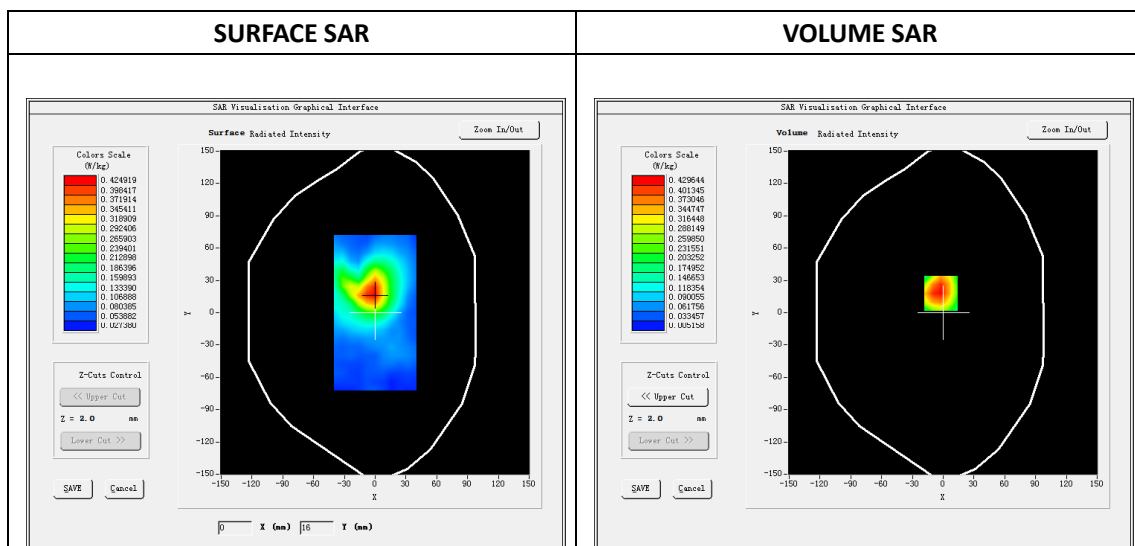
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 802.11a/40
Channels	120
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

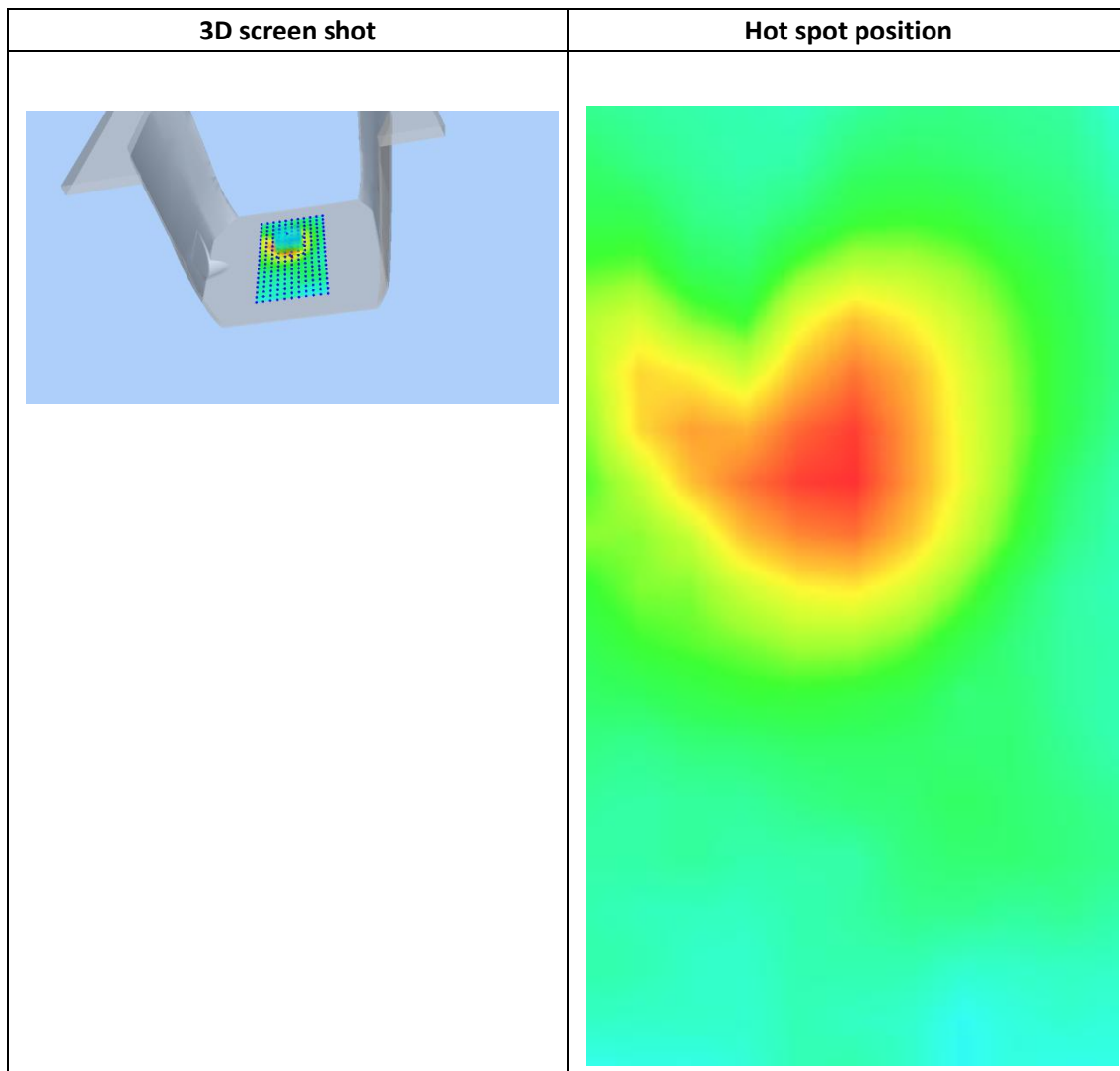
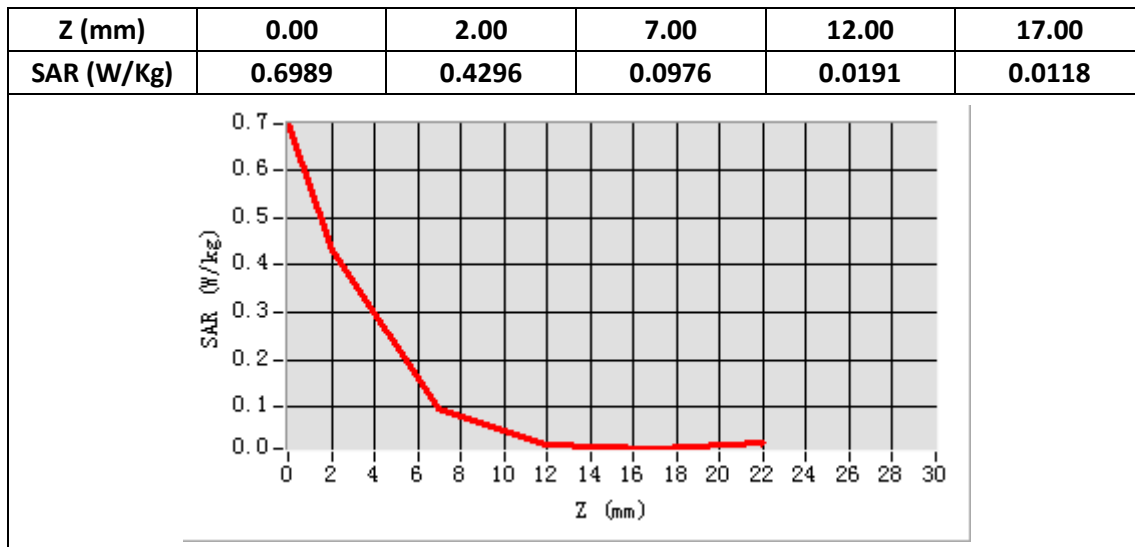
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5320
Relative permittivity (real part)	48.33
Relative permittivity (imaginary part)	18.20
Conductivity (S/m)	5.46
Variation (%)	-0.84
ConvF:	2.14



Maximum location: X=-2.00, Y=18.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.128527
SAR 1g (W/Kg)	0.282145



Plot 23: WIFI 802.11a/20, Right Cheek

Type: Phone measurement

Date of measurement: 06/06/2018

Measurement duration: 22 minutes 13 seconds

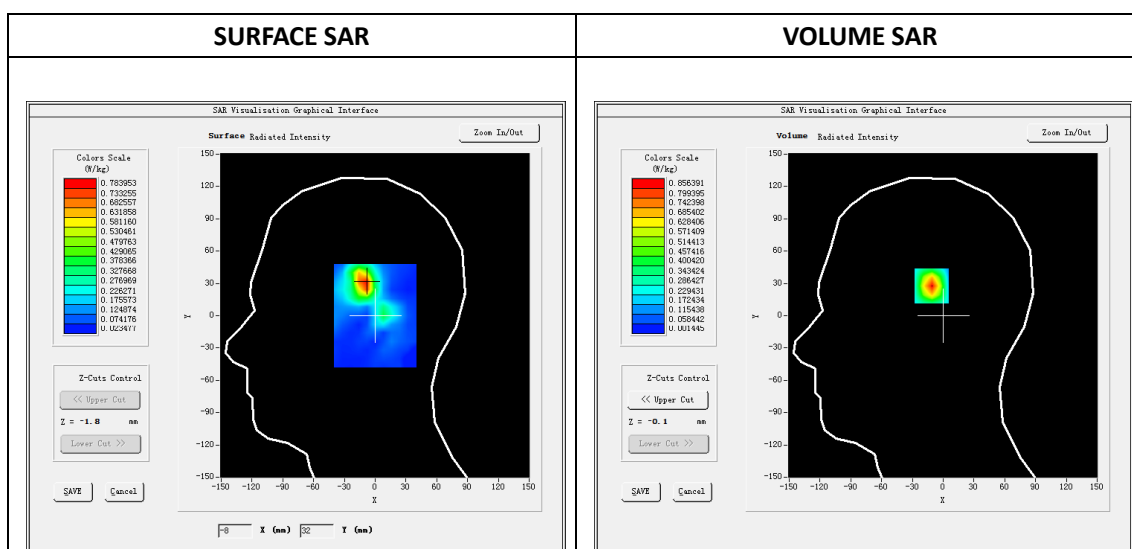
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	WIFI 802.11a/20
Channels	120
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

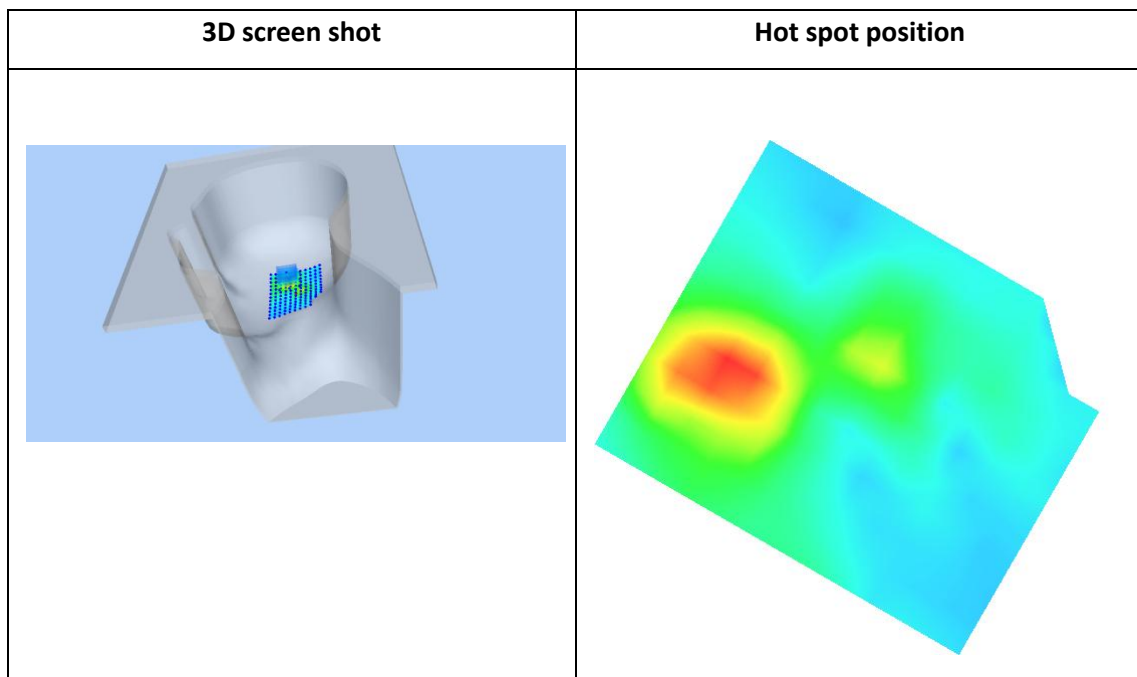
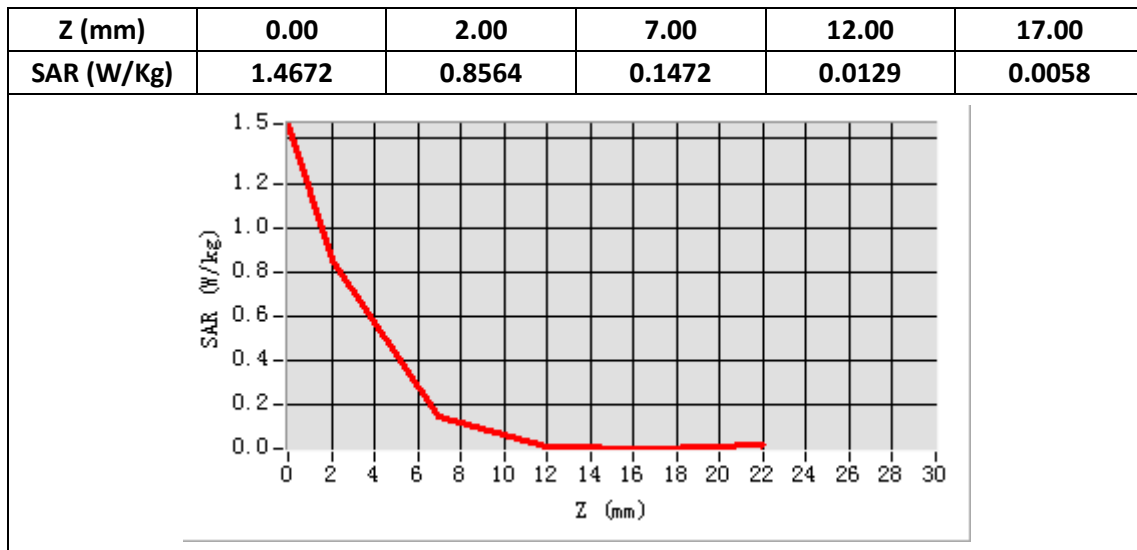
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	5600
Relative permittivity (real part)	36.39
Relative permittivity (imaginary part)	15.71
Conductivity (S/m)	-2.11
Variation (%)	-2.09
ConvF:	2.18



Maximum location: X=-10.00, Y=30.00

SAR Peak: 2.33 W/kg

SAR 10g (W/Kg)	0.315102
SAR 1g (W/Kg)	0.848549



Plot 24: WIFI 802.11a/20, Back, 10mm

Type: Phone measurement

Date of measurement: 06/06/2018

Measurement duration: 22 minutes 21 seconds

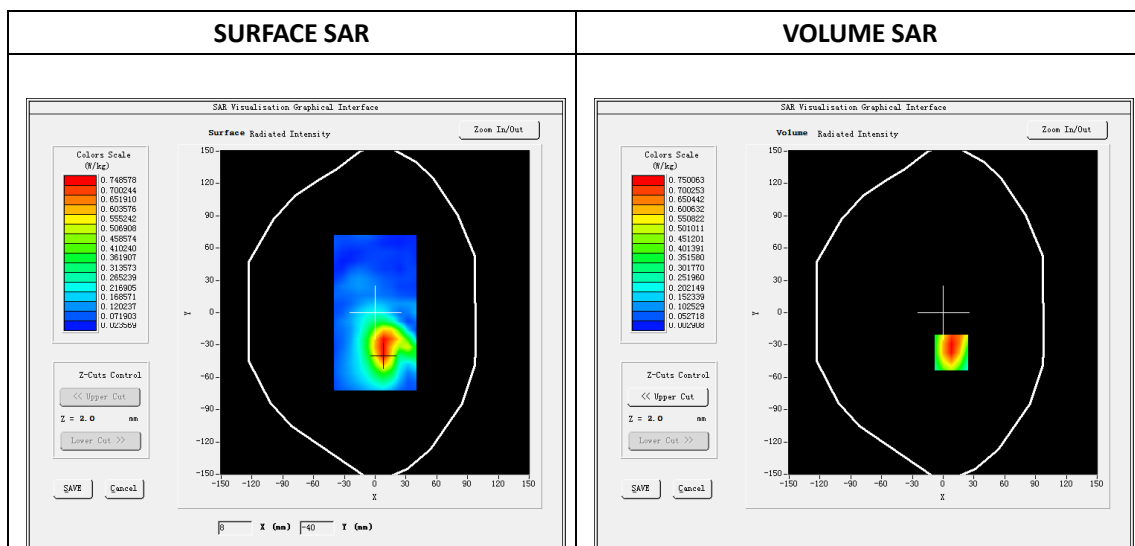
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 802.11a/20
Channels	120
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

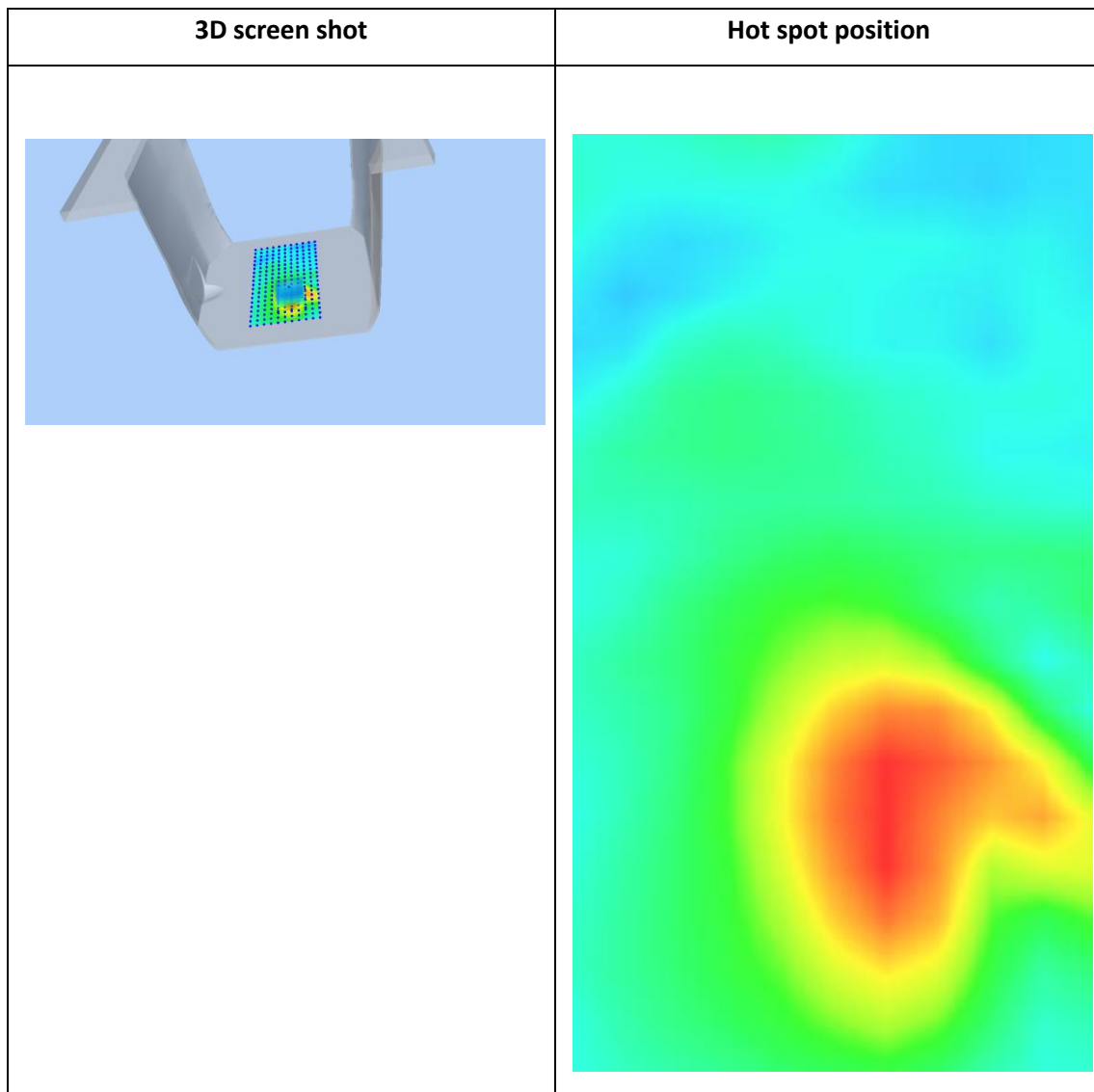
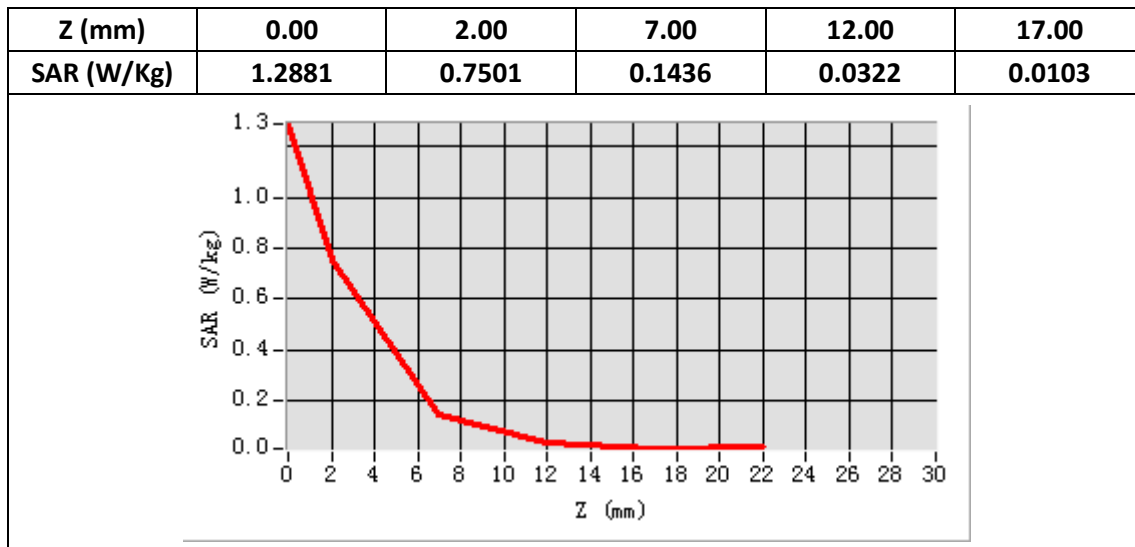
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5600
Relative permittivity (real part)	48.11
Relative permittivity (imaginary part)	17.13
Conductivity (S/m)	5.33
Variation (%)	-2.65
ConvF:	2.24



Maximum location: X=8.00, Y=-37.00

SAR Peak: 1.31 W/kg

SAR 10g (W/Kg)	0.207610
SAR 1g (W/Kg)	0.484120



Plot 25: WIFI 802.11n/40, Right Cheek

Type: Phone measurement

Date of measurement: 06/06/2018

Measurement duration: 22 minutes 26 seconds

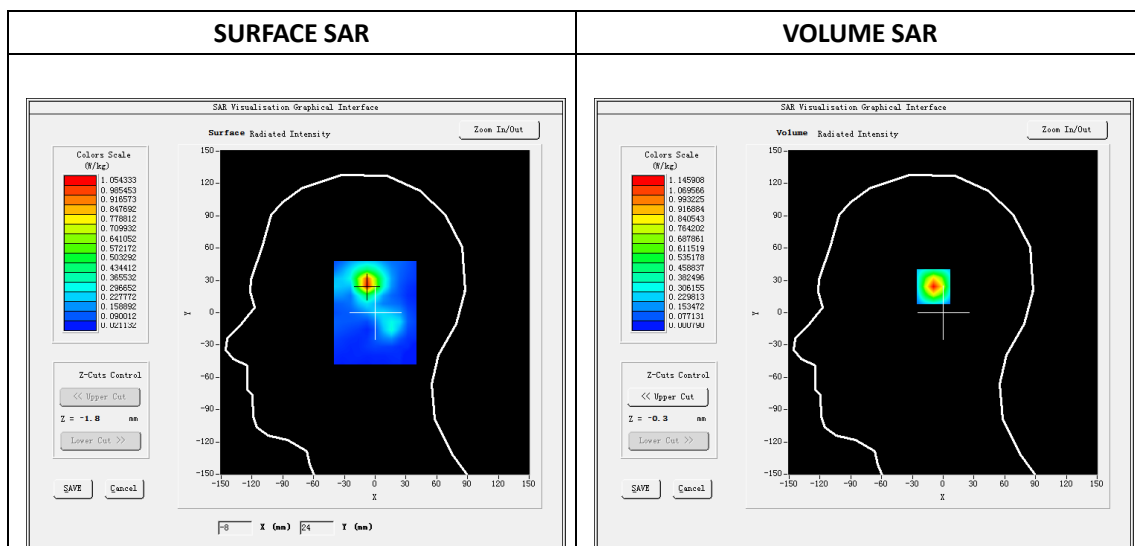
Mobile Phone IMEI number: --

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	WIFI 802.11n/40
Channels	155
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

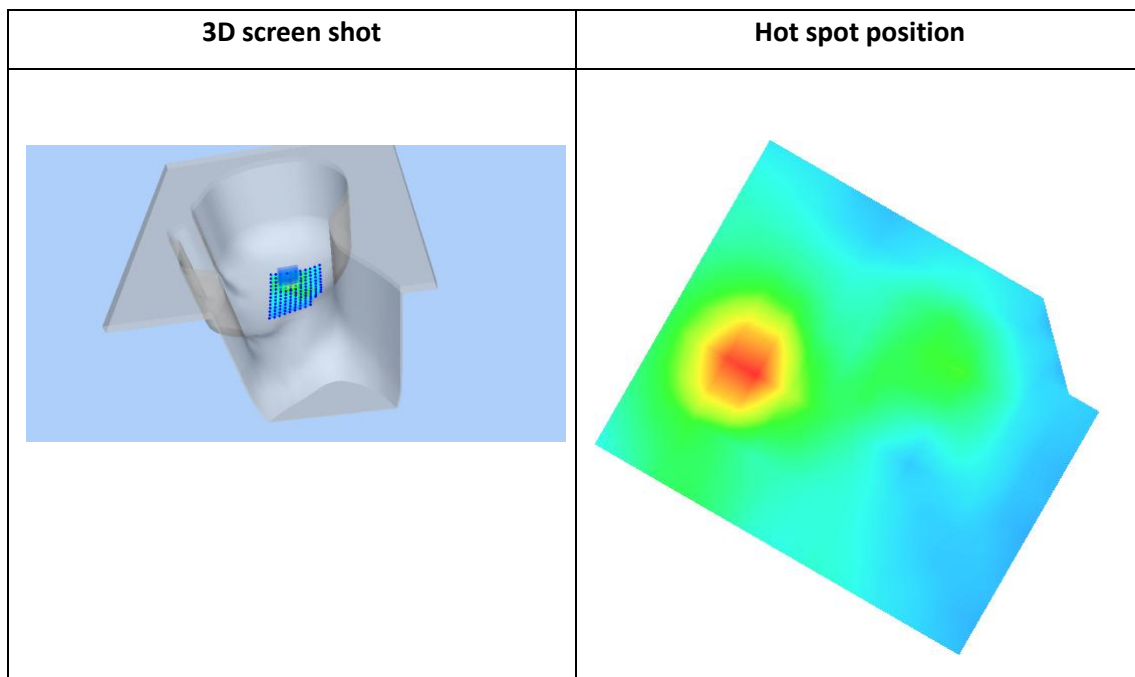
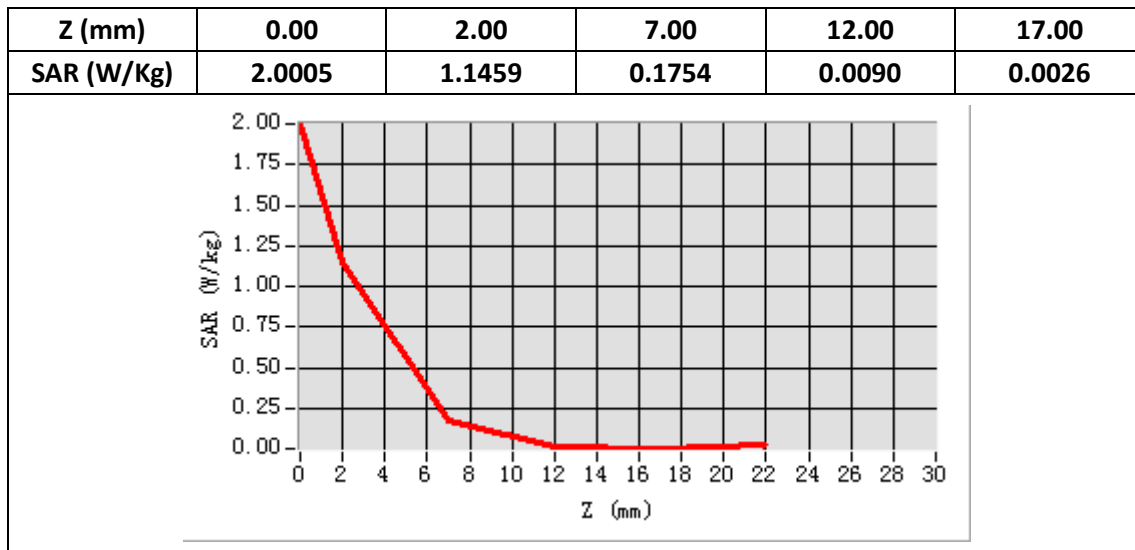
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5755
Relative permittivity (real part)	37.75
Relative permittivity (imaginary part)	16.44
Conductivity (S/m)	5.30
Variation (%)	2.50
ConvF:	2.26



Maximum location: X=-8.00, Y=26.00

SAR Peak: 3.22 W/kg

SAR 10g (W/Kg)	0.406379
SAR 1g (W/Kg)	1.140115



Plot 26: WIFI 802.11n/40 , Back, 10mm

Type: Phone measurement

Date of measurement: 06/06/2018

Measurement duration: 22 minutes 15 seconds

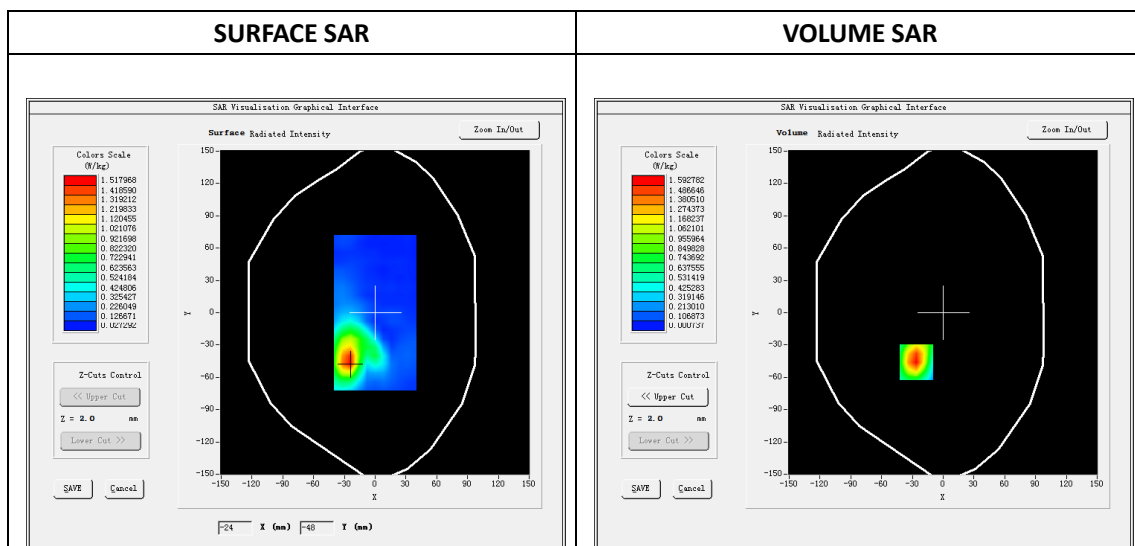
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 802.11n/40
Channels	155
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5755
Relative permittivity (real part)	48.21
Relative permittivity (imaginary part)	18.24
Conductivity (S/m)	5.88
Variation (%)	-2.70
ConvF:	2.32



Maximum location: X=-26.00, Y=46.00

SAR Peak: 2.90 W/kg

SAR 10g (W/Kg)	0.377942
SAR 1g (W/Kg)	0.837232

