

Plot 41: WCDMA850, Left Cheek, Middle

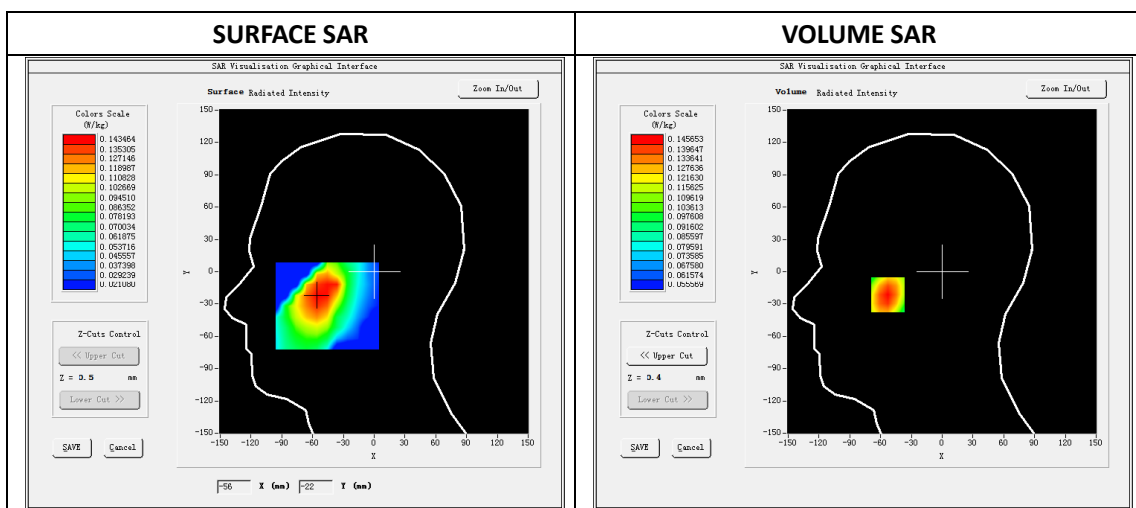
Type: Phone measurement
 Date of measurement: 03/16/2019
 Measurement duration: 22 minutes 25 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

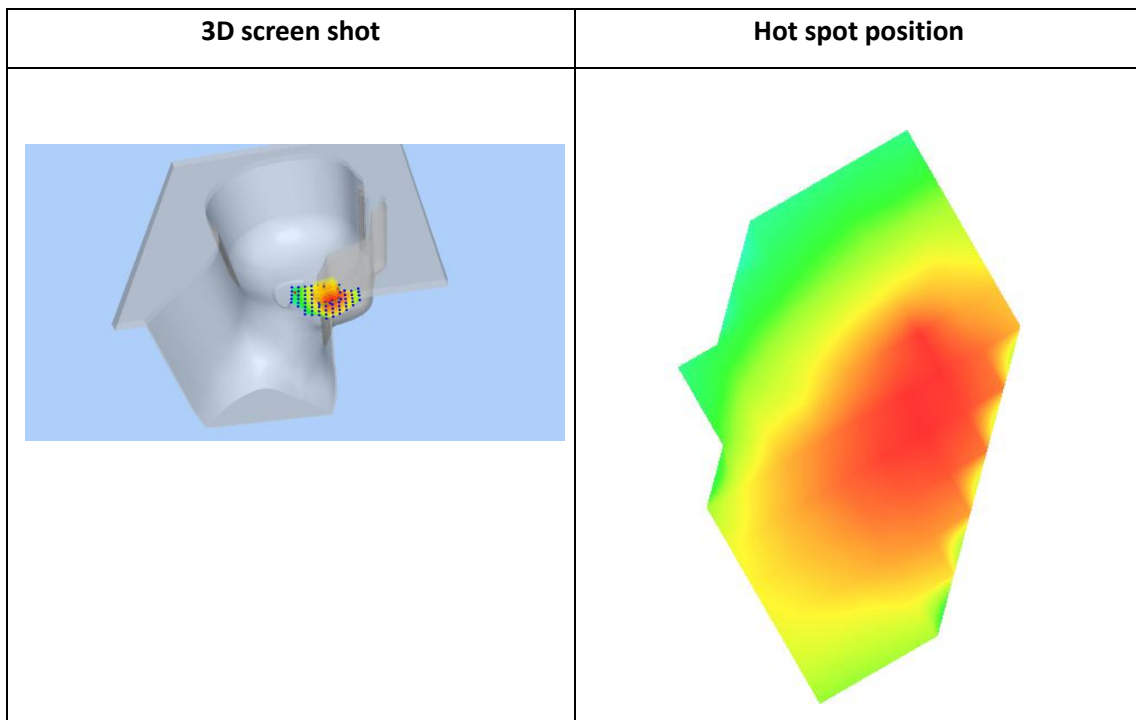
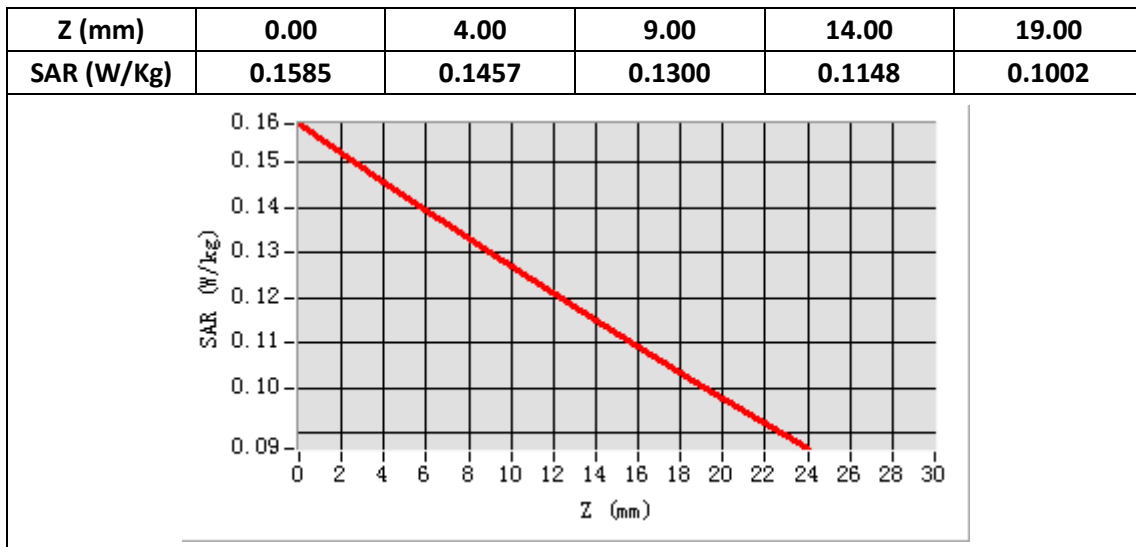
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.32
Relative permittivity (imaginary part)	18.42
Conductivity (S/m)	0.87
Variation (%)	-1.58
ConvF:	1.92



Maximum location: X=-53.00, Y=-21.00

SAR Peak: 0.16W/kg

SAR 10g (W/Kg)	0.119037
SAR 1g (W/Kg)	0.143971



Plot 42: WCDMA850, BACK, Middle,10mm

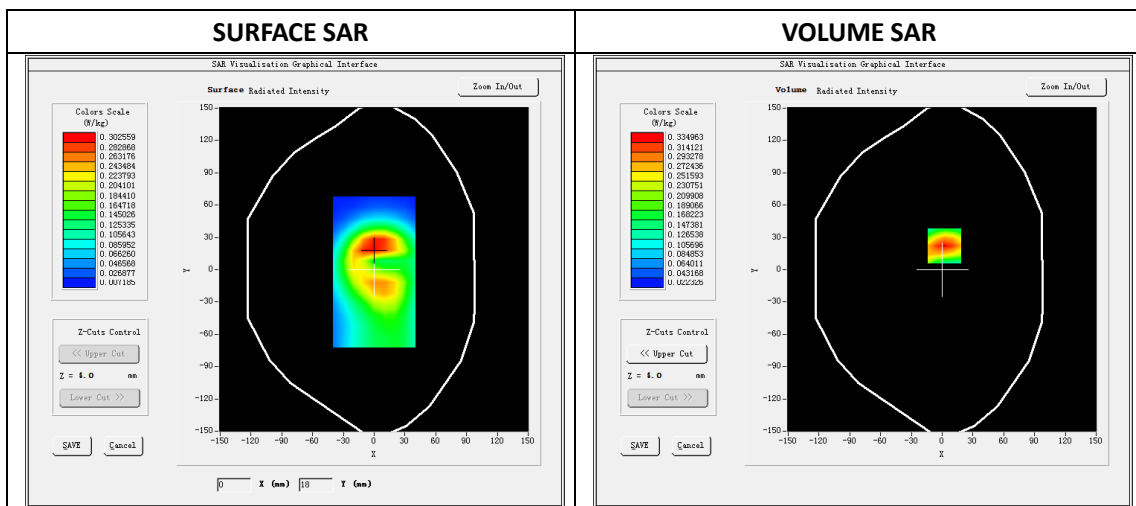
Type: Phone measurement
 Date of measurement: 03/16/2019
 Measurement duration: 22 minutes 17 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	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)	55.23
Relative permittivity (imaginary part)	2112
Conductivity (S/m)	0.98
Variation (%)	-1.42
ConvF:	1.99

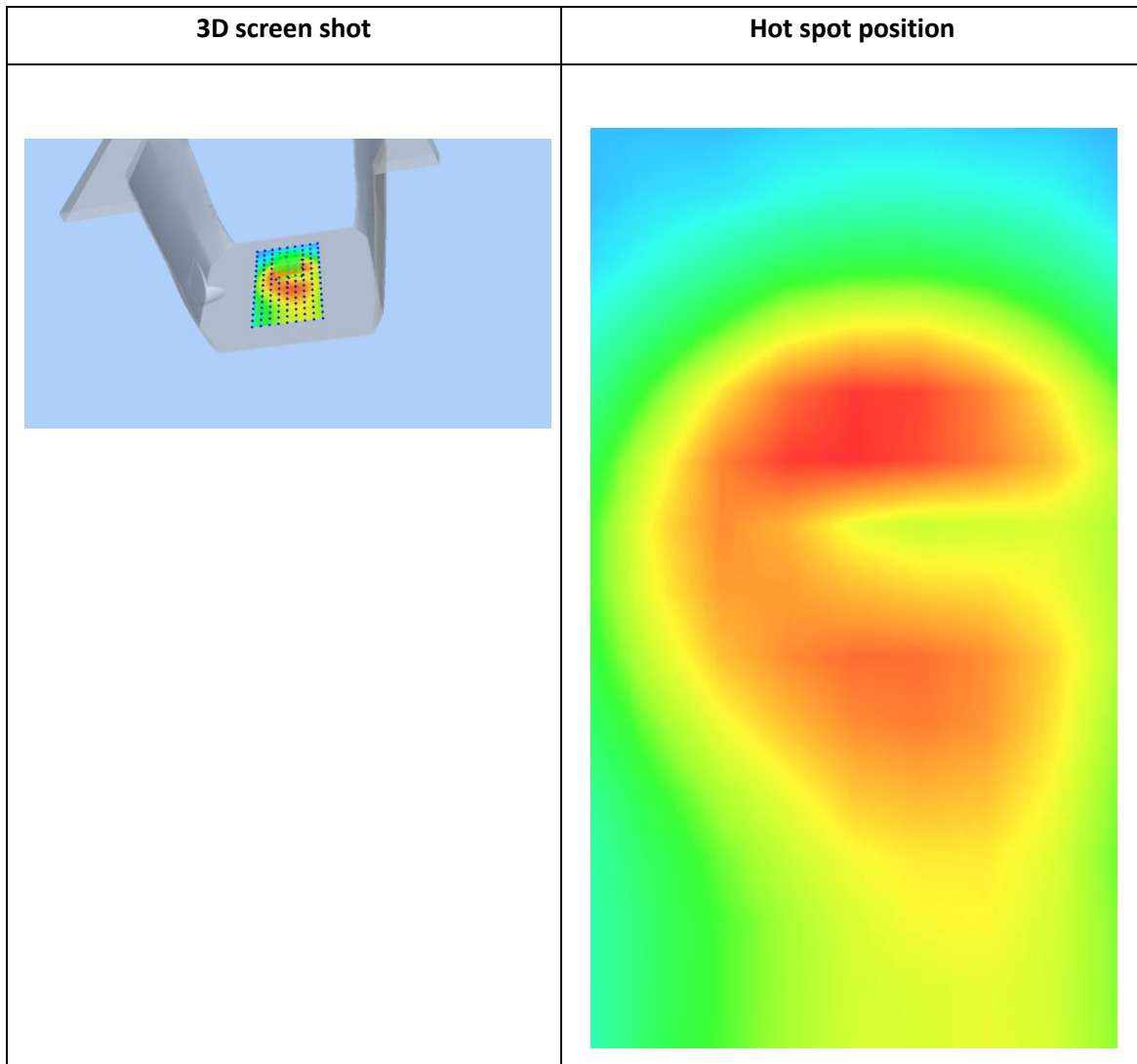
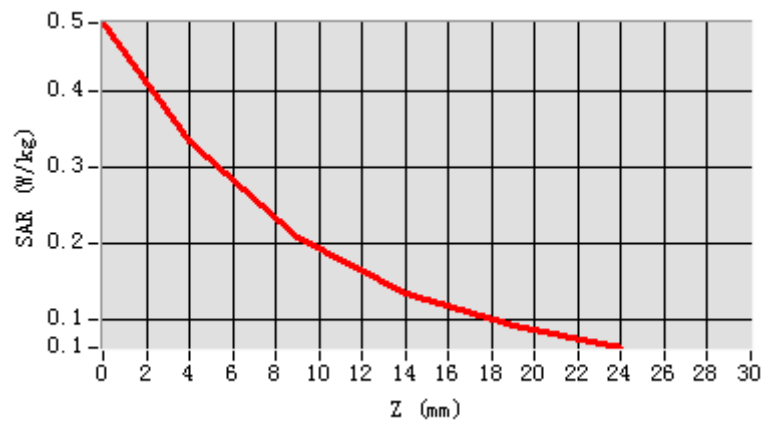


Maximum location: X=2.00, Y=22.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.188125
SAR 1g (W/Kg)	0.318970

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4888	0.3350	0.2083	0.1335	0.0909



Plot 43: WCDMA1900, Right Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 03/18/2019

Measurement duration: 22 minutes 18 seconds

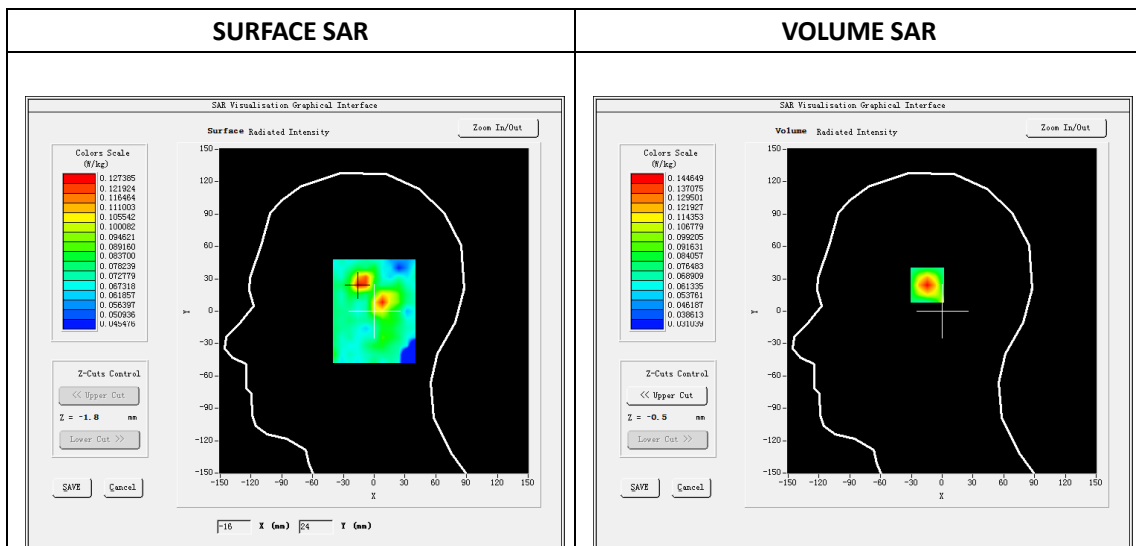
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right 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)	40.60
Relative permittivity (imaginary part)	13.16
Conductivity (S/m)	1.39
Variation (%)	-3.06
ConvF:	2.34

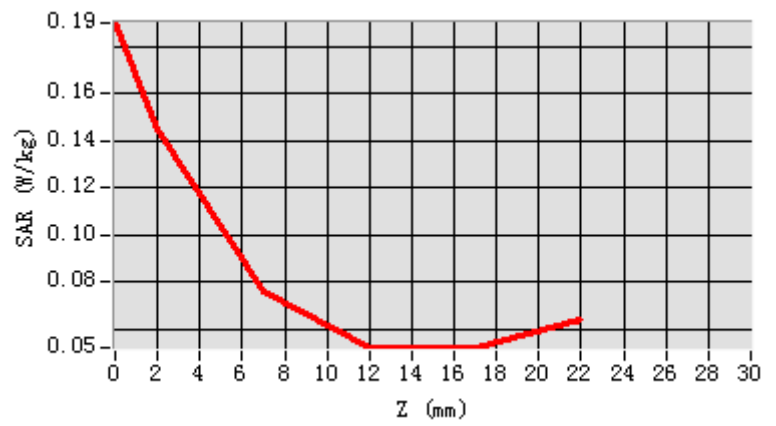


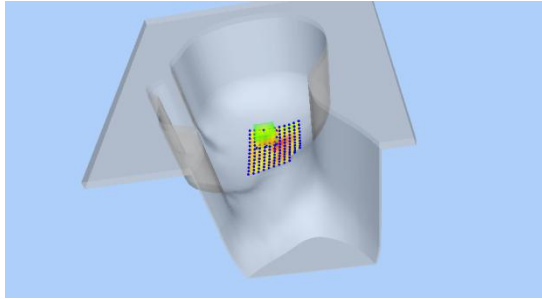
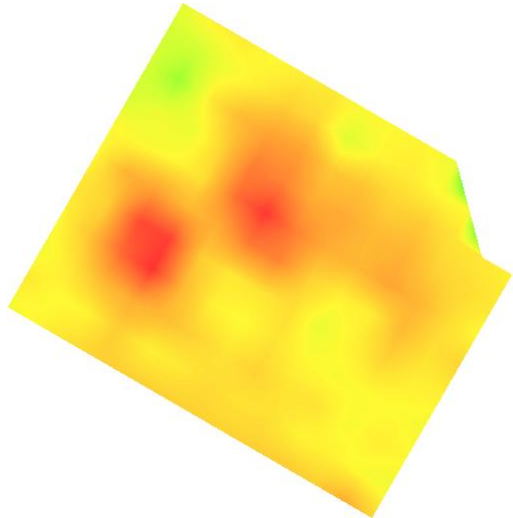
Maximum location: X=-13.00, Y=26.00

SAR Peak: 0.02W/kg

SAR 10g (W/Kg)	0.008461
SAR 1g (W/Kg)	0.018597

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.1903	0.1446	0.0762	0.0521	0.0523



3D screen shot	Hot spot position
	

Plot 44: WCDMA1900 Back, Middle,10mm

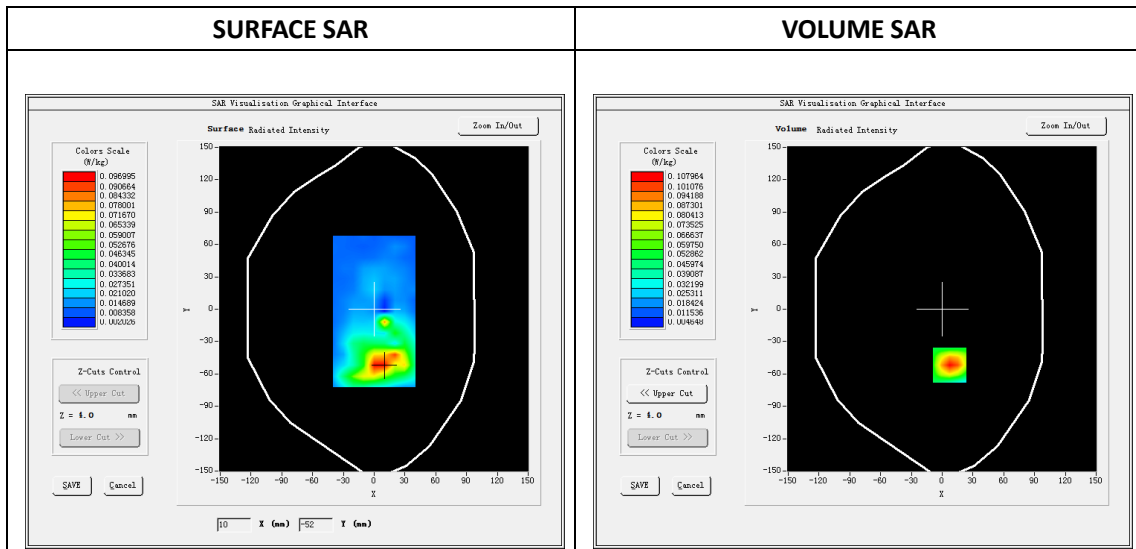
Type: Phone measurement
 Date of measurement: 03/18/2019
 Measurement duration: 22 minutes 51 seconds
 Mobile Phone IMEI number: --

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

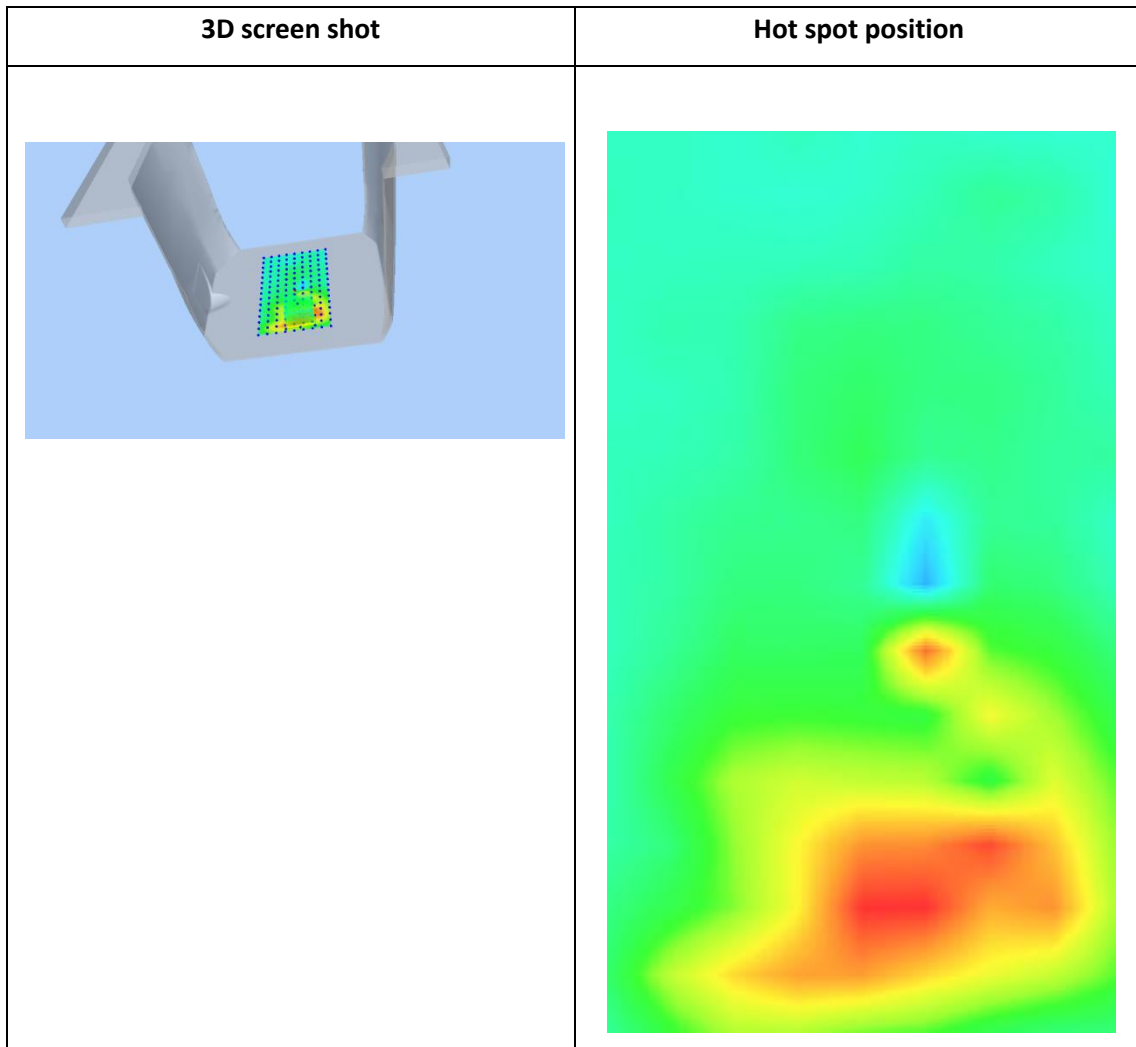
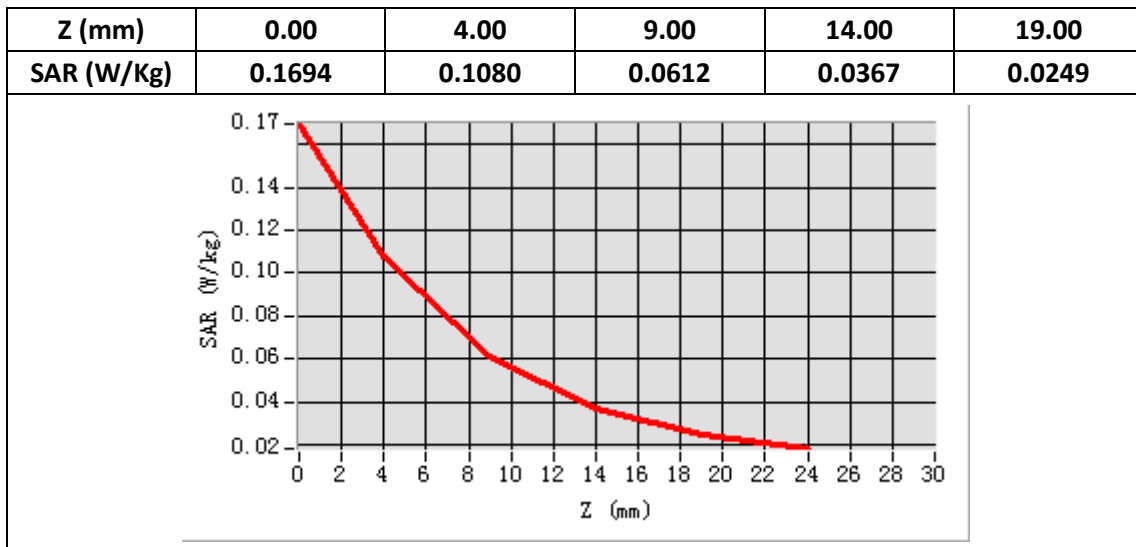
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.42
Relative permittivity (imaginary part)	14.30
Conductivity (S/m)	1.51
Variation (%)	-0.66
ConvF:	6.10



Maximum location: X=7.00, Y=-52.00

SAR Peak: 0.17W/kg

SAR 10g (W/Kg)	0.033415
SAR 1g (W/Kg)	0.074246



Plot 45: WCDMA1700, Left Cheek, Middle,10mm

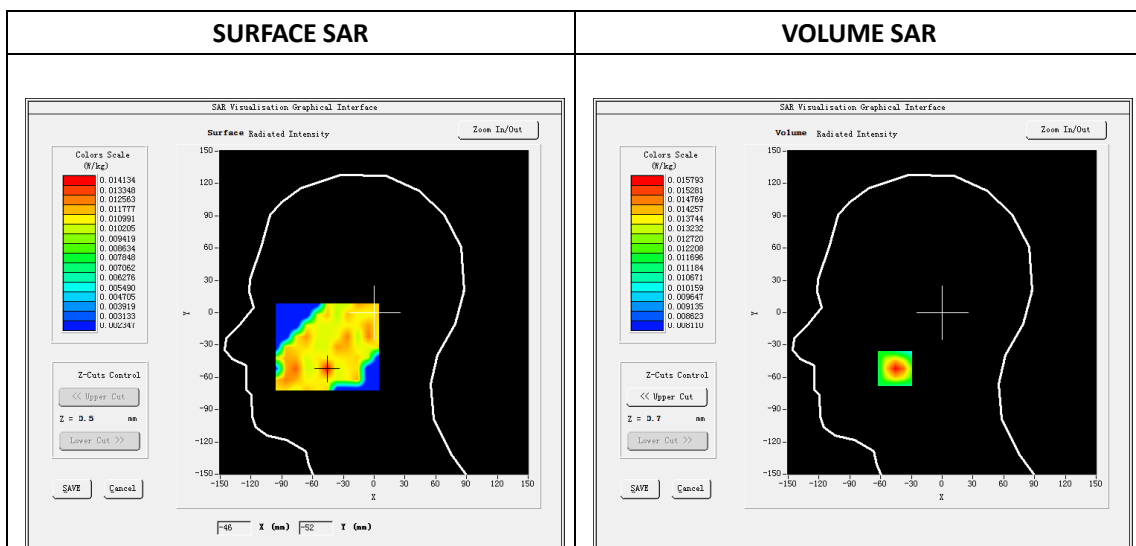
Type: Phone measurement
 Date of measurement: 03/17/2019
 Measurement duration: 22 minutes 21 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	BandIV_WCDMA1700
Channels	1413
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

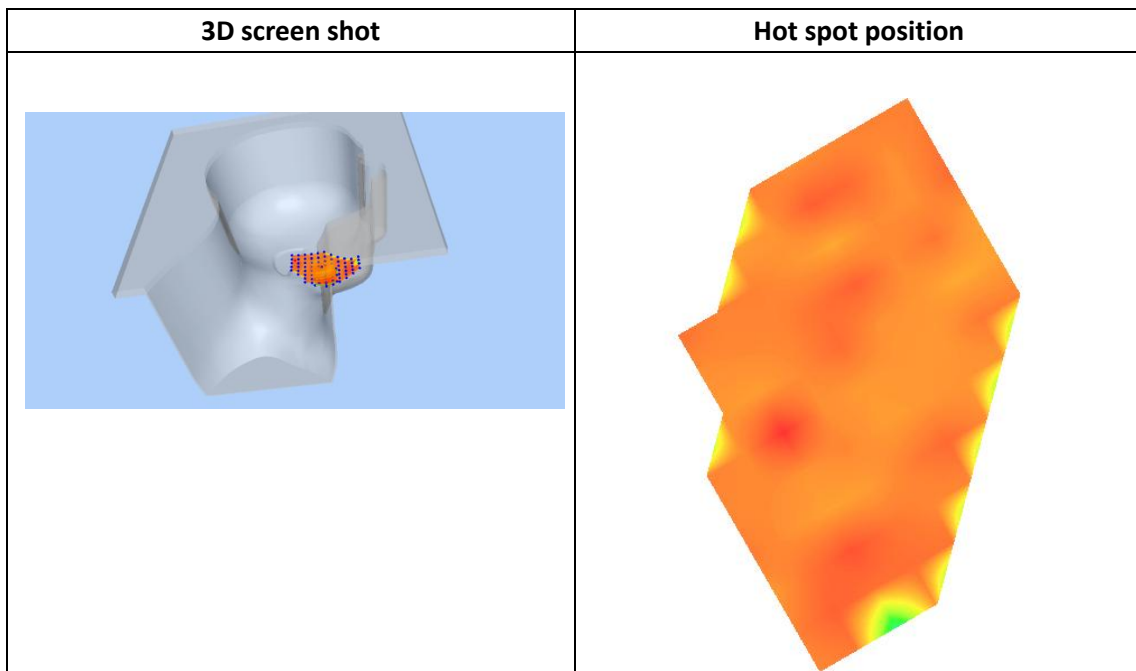
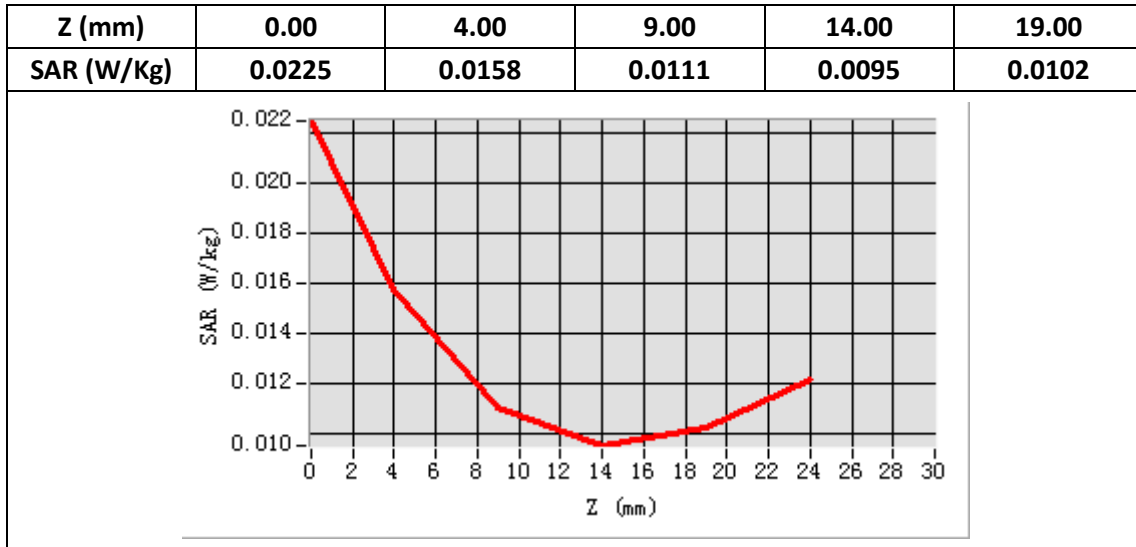
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.6
Relative permittivity (real part)	40.34
Relative permittivity (imaginary part)	13.10
Conductivity (S/m)	1.31
Variation (%)	-2.25
ConvF:	-1.80



Maximum location: X=-46.00, Y=-52.00

SAR Peak: 0.02 W/kg

SAR 10g (W/Kg)	0.012247
SAR 1g (W/Kg)	0.015642



Plot 46: WCDMA1700,Back, Middle,10mm

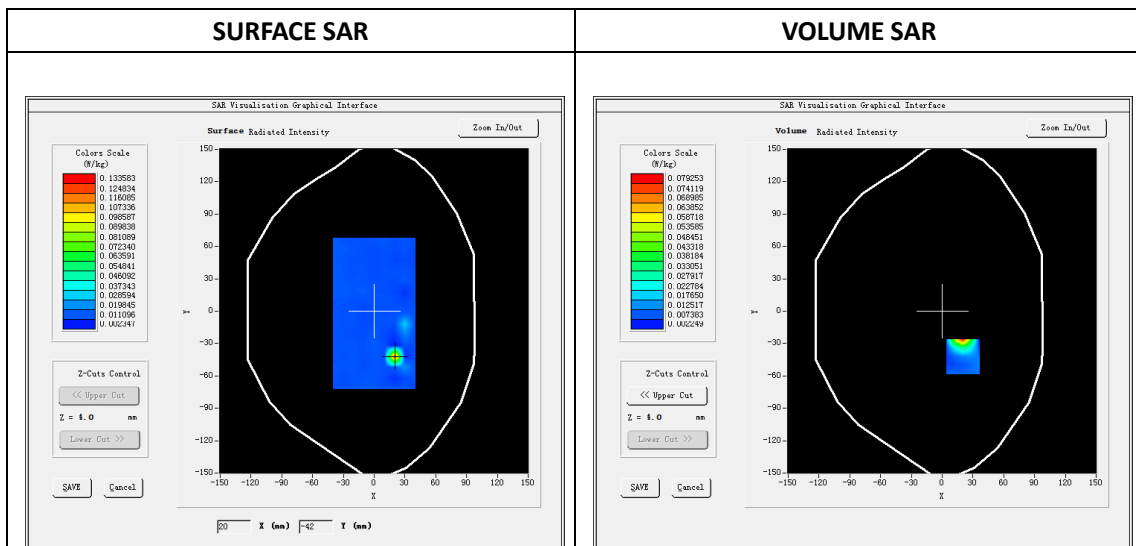
Type: Phone measurement
 Date of measurement: 03/17/2019
 Measurement duration: 22 minutes 35 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	BandIV_WCDMA1700
Channels	1413
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

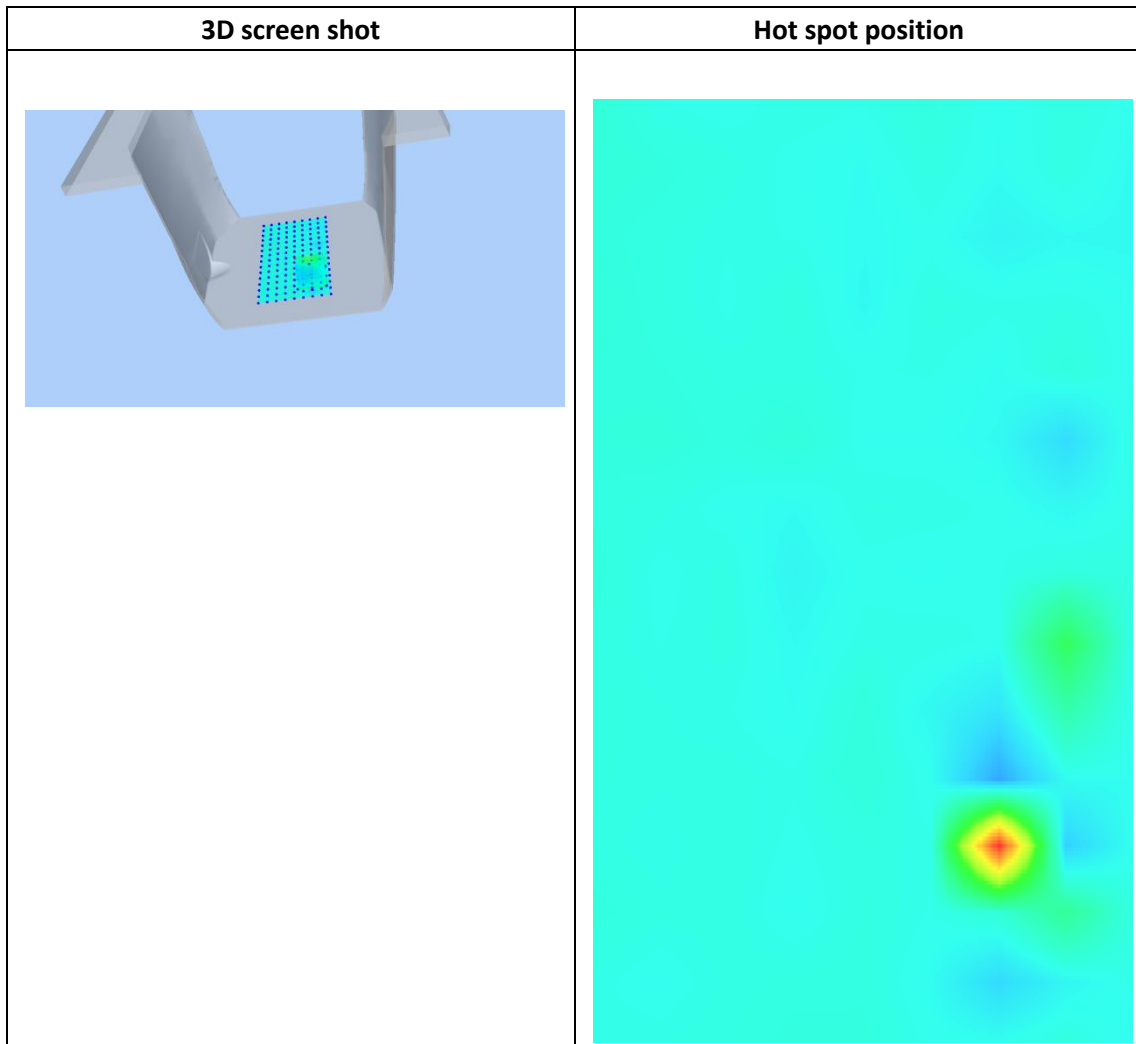
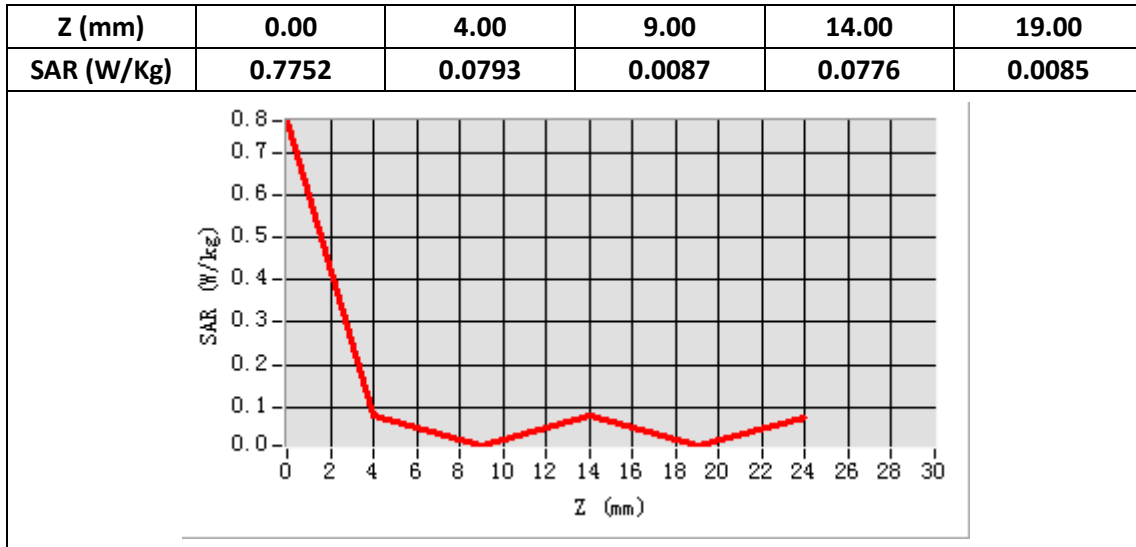
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.6
Relative permittivity (real part)	53.39
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	-2.95
ConvF:	-1.91



Maximum location: X=20.00, Y=-42.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.024581
SAR 1g (W/Kg)	0.053543



Plot 47:CDMA BC0, Right Cheek, Middle

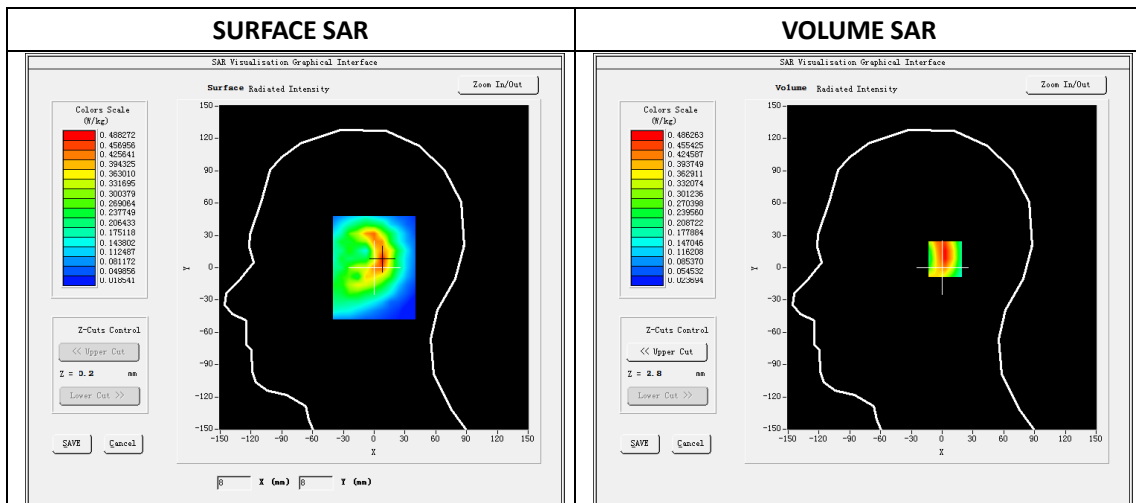
Type: Phone measurement
 Date of measurement: 03/22/2019
 Measurement duration: 22 minutes 11 seconds
 Mobile Phone IMEI number: --

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	CDMA BC0
Channels	384
Signal	CDMA

B. SAR Measurement Results

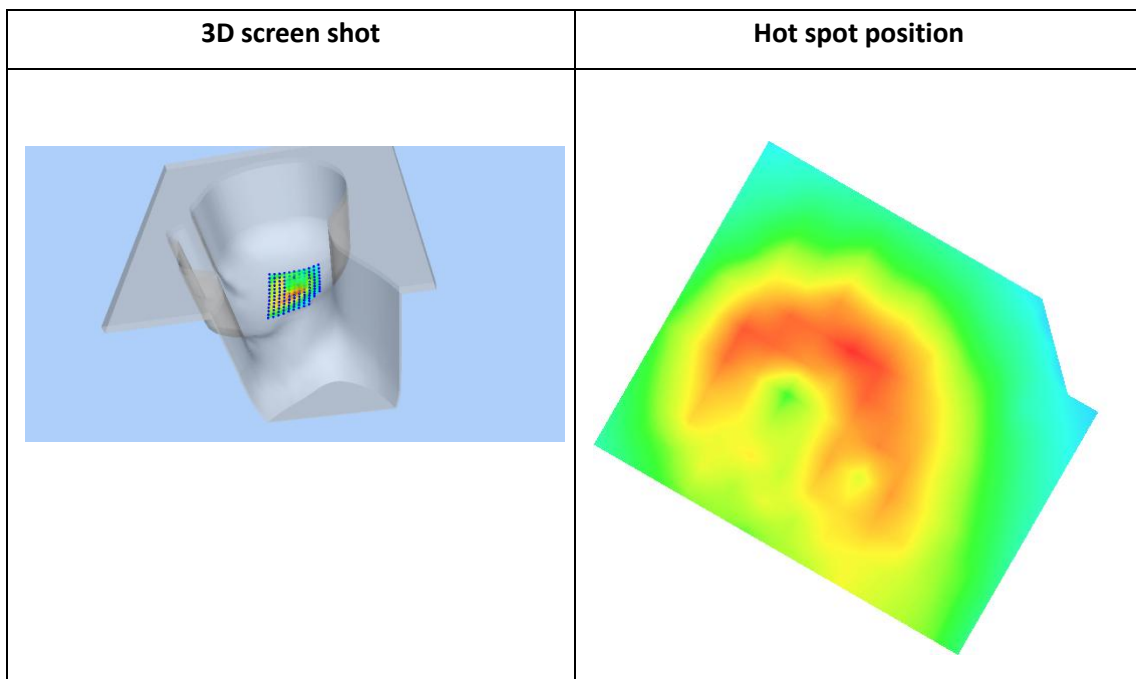
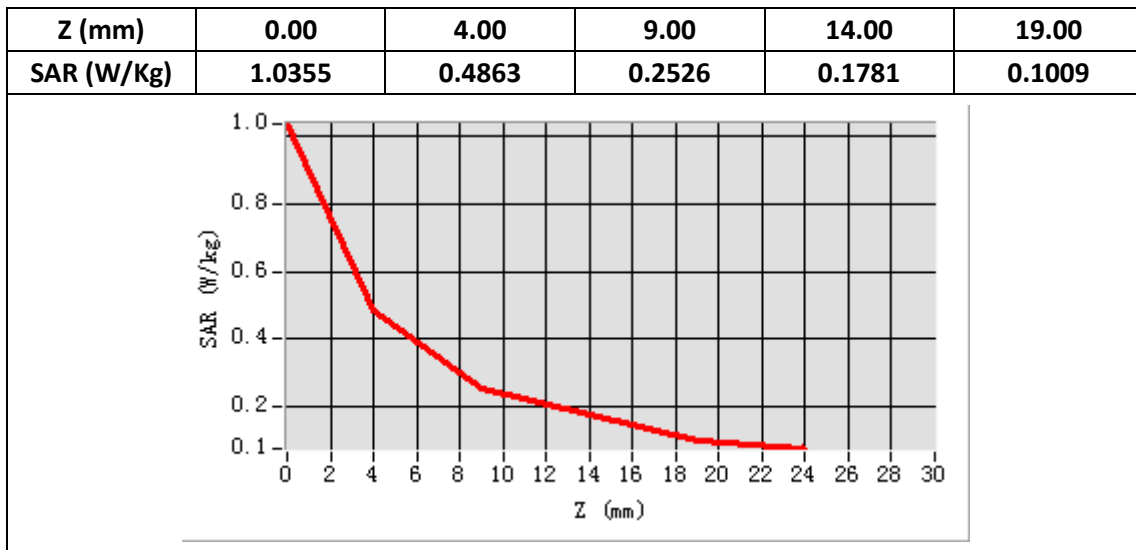
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	41.61
Relative permittivity (imaginary part)	19.90
Conductivity (S/m)	0.94
Variation (%)	0.19
ConvF:	1.92



Maximum location: X=8.00, Y=8.00

SAR Peak: 0.75W/kg

SAR 10g (W/Kg)	0.266899
SAR 1g (W/Kg)	0.466544



Plot 48: CDMA BC0,Back ,Middle, 10mm

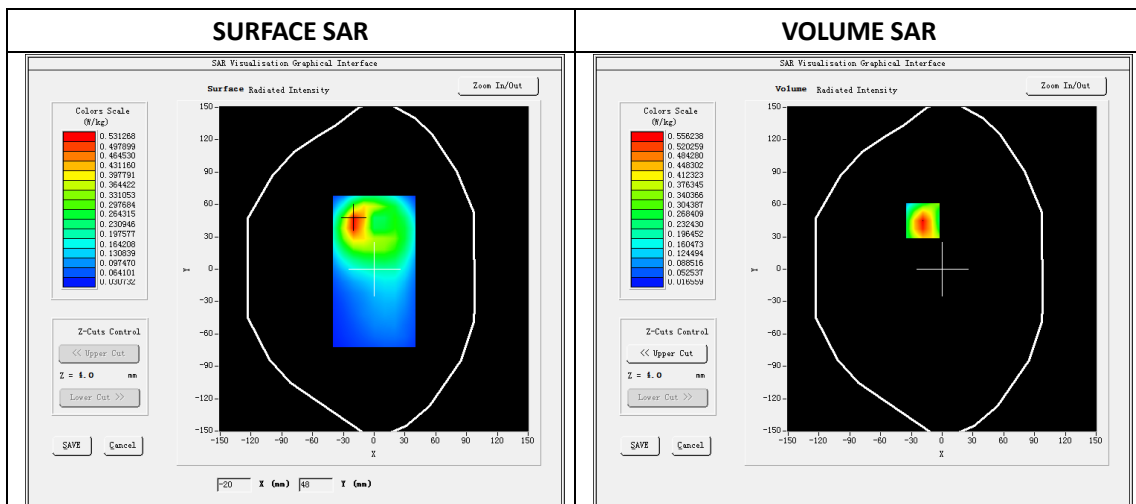
Type: Phone measurement
 Date of measurement: 03/22/2019
 Measurement duration: 22 minutes 34 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Middle
Band	CDMA BC0
Channels	386
Signal	CDMA

B. SAR Measurement Results

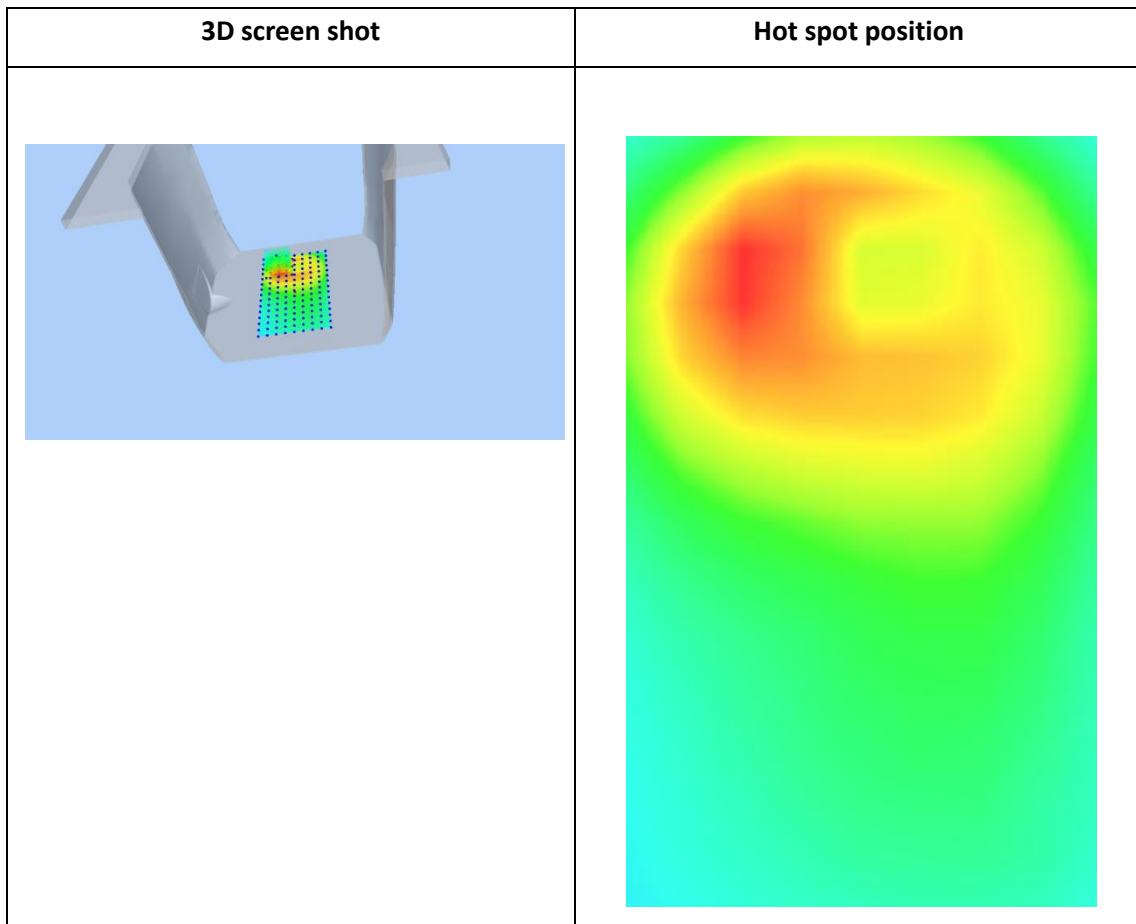
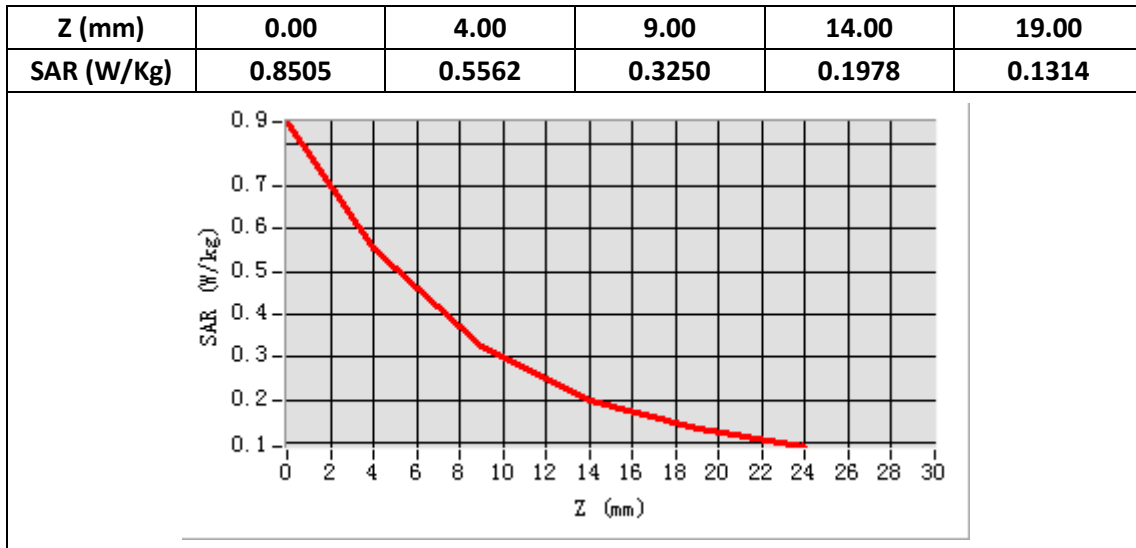
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	55.33
Relative permittivity (imaginary part)	21.12
Conductivity (S/m)	0.98
Variation (%)	-3.50
ConvF:	1.99



Maximum location: X=-19.00, Y=45.00

SAR Peak: 0.86W/kg

SAR 10g (W/Kg)	0.296926
SAR 1g (W/Kg)	0.532067



Plot 49:CDMA BC1, Right Cheek, Middle

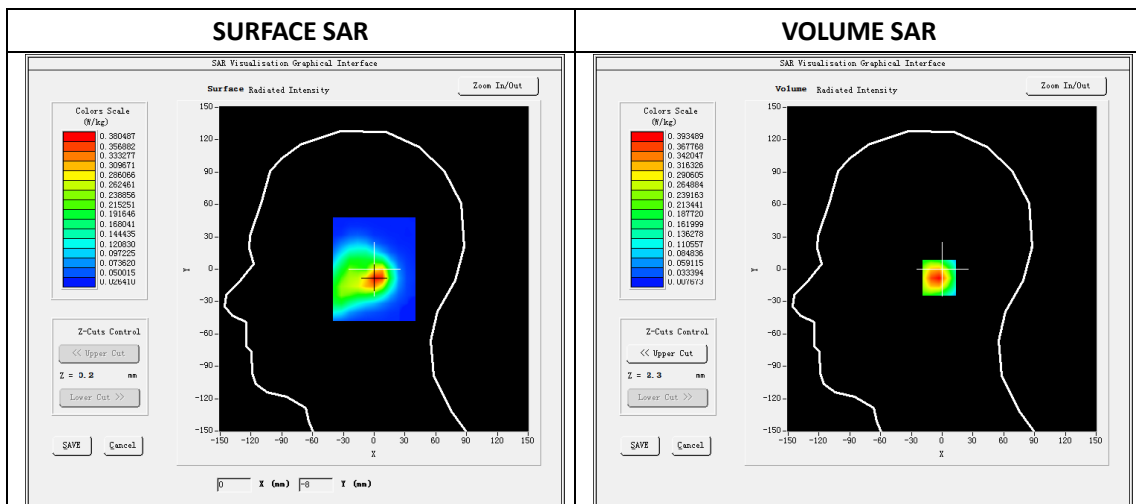
Type: Phone measurement
 Date of measurement: 03/23/2019
 Measurement duration: 22 minutes 19 seconds
 Mobile Phone IMEI number: --

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	CDMA BC1
Channels	600
Signal	CDMA

B. SAR Measurement Results

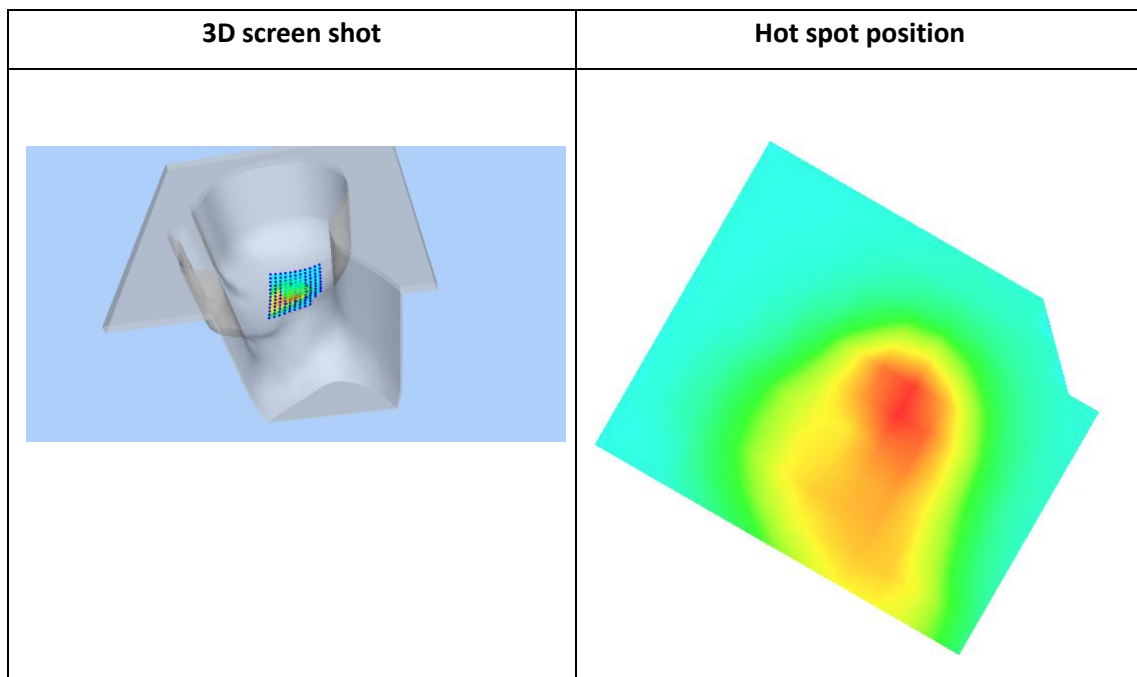
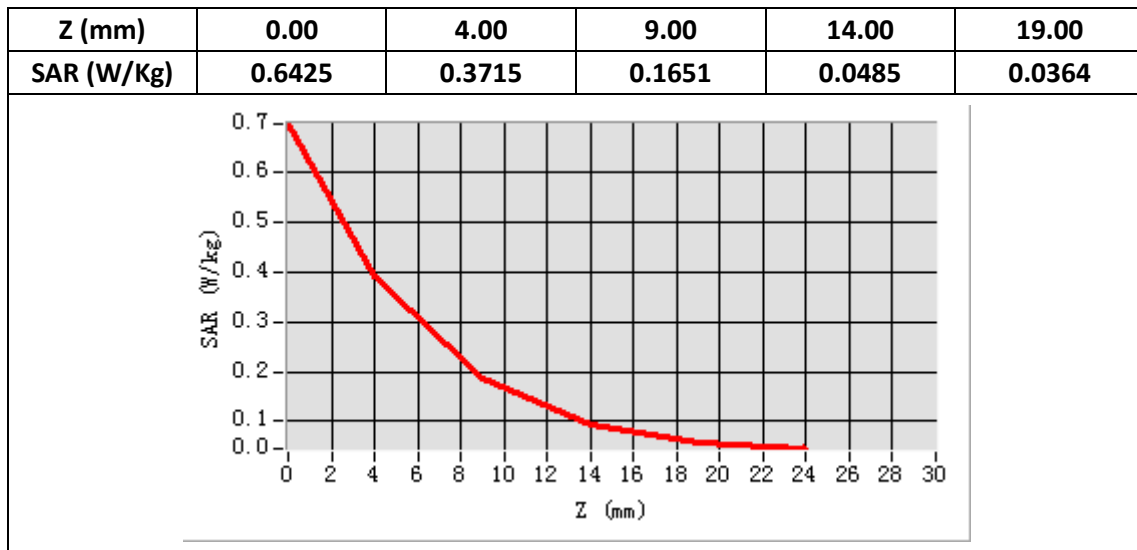
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	14.30
Conductivity (S/m)	1.43
Variation (%)	-2.78
ConvF:	2.14



Maximum location: X=3.00, Y=-7.00

SAR Peak: 0.65W/kg

SAR 10g (W/Kg)	0.235183
SAR 1g (W/Kg)	0.441660



Plot 50:CDMA BC1,Back ,Middle, 10mm

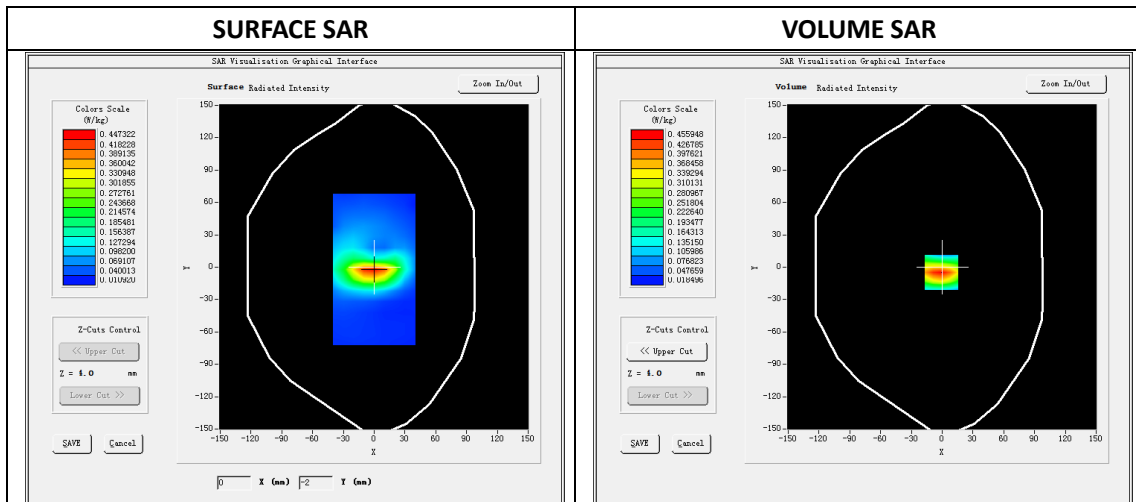
Type: Phone measurement
 Date of measurement: 03/23/2019
 Measurement duration: 22 minutes 36 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Middle
Band	CDMA BC1
Channels	600
Signal	CDMA

B. SAR Measurement Results

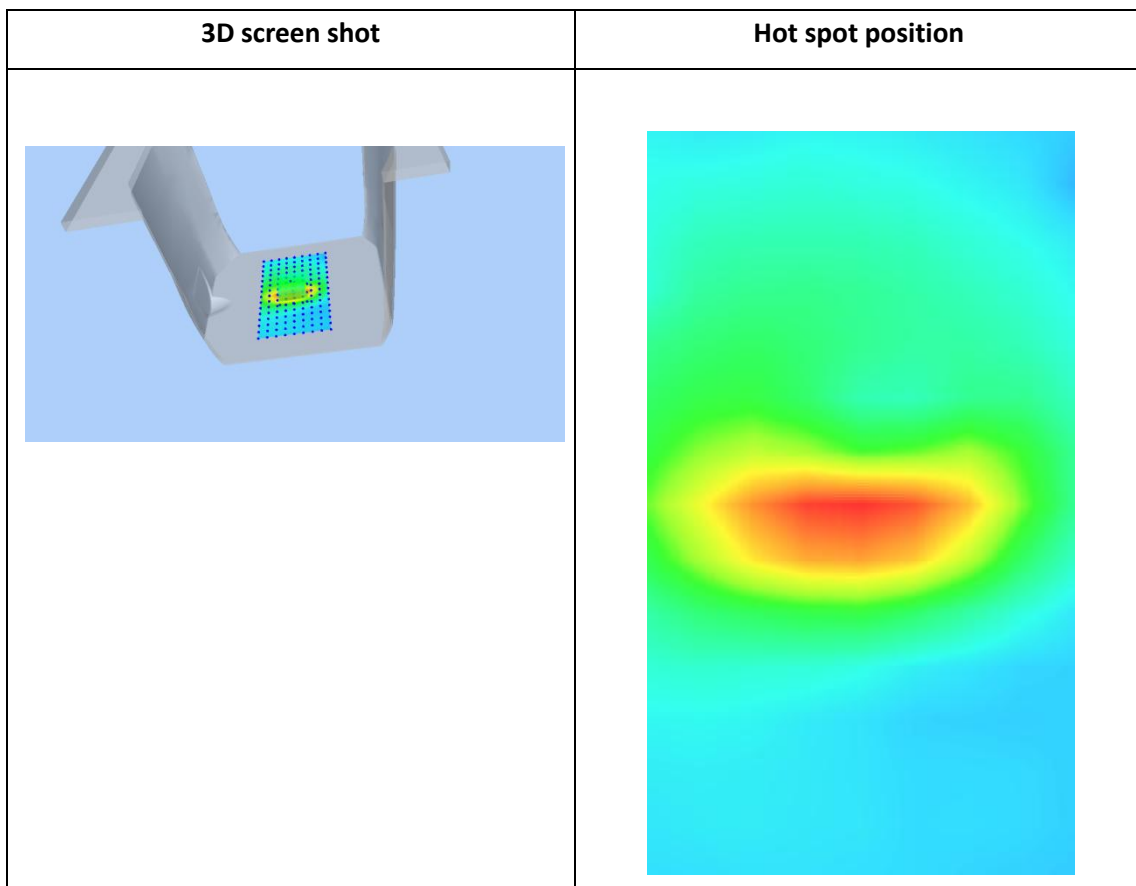
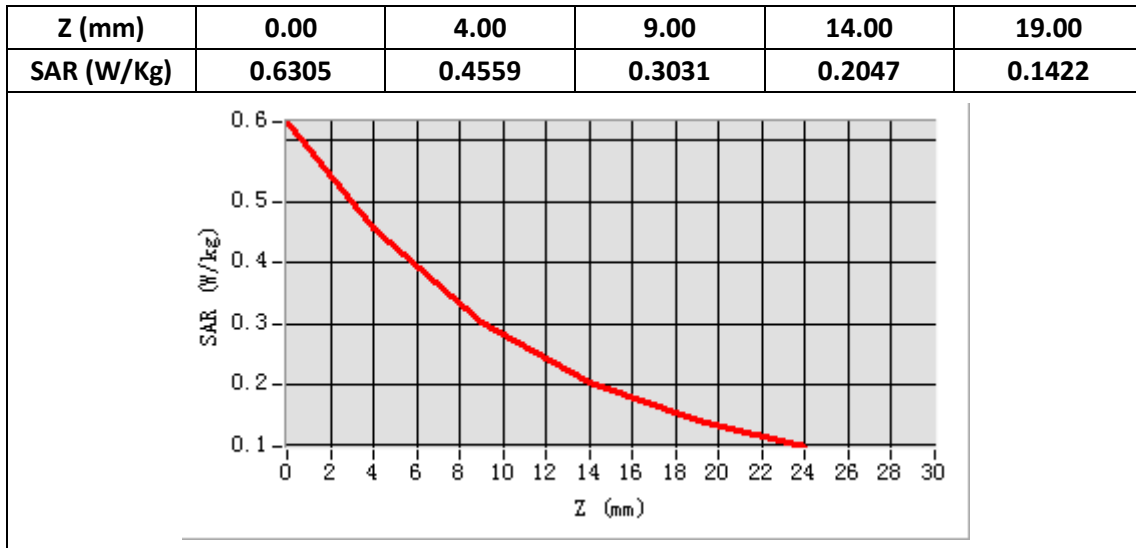
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	52.31
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	-2.20
ConvF:	2.22



Maximum location: X=-1.00, Y=-5.00

SAR Peak: 0.63W/kg

SAR 10g (W/Kg)	0.248033
SAR 1g (W/Kg)	0.430952



Plot 51: LTE Band2, 20MHz,Right Cheek , Middle

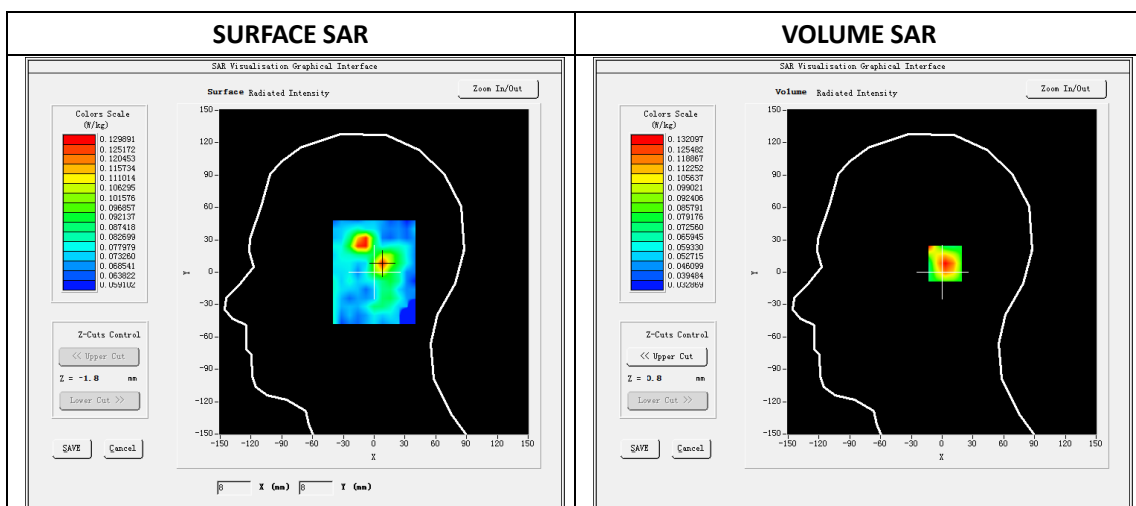
Type: Phone measurement
 Date of measurement: 03/18/2019
 Measurement duration: 22 minutes 12 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right 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)	40.60
Relative permittivity (imaginary part)	13.16
Conductivity (S/m)	1.39
Variation (%)	-1.64
ConvF:	2.34

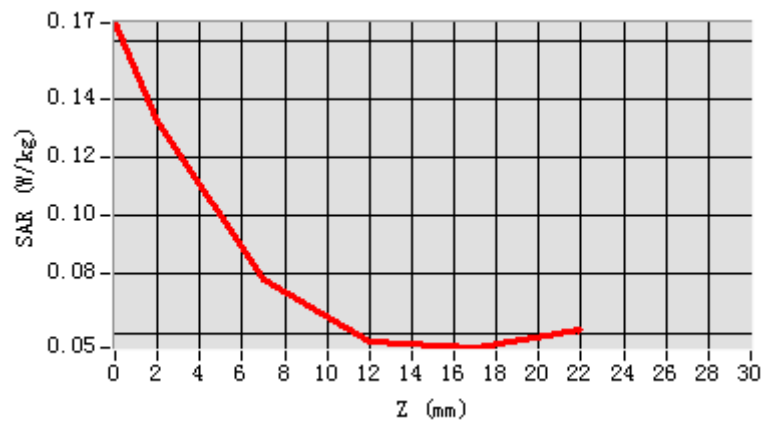


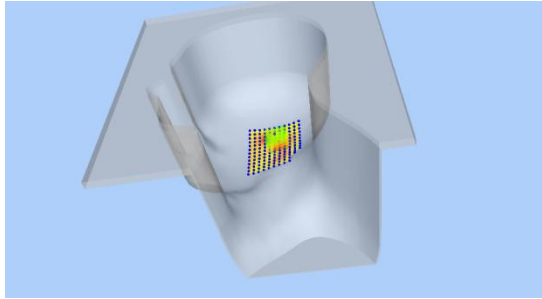
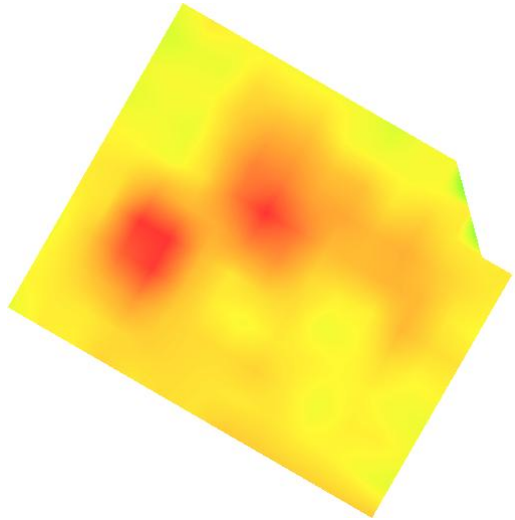
Maximum location: X=8.00, Y=8.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.080913
SAR 1g (W/Kg)	0.123651

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.1661	0.1321	0.0786	0.0572	0.0549



3D screen shot	Hot spot position
	

Plot 52: LTE Band2, 20MHz, Back Middle,10mm

Type: Phone measurement

Date of measurement: 03/18/2019

Measurement duration: 22 minutes 35 seconds

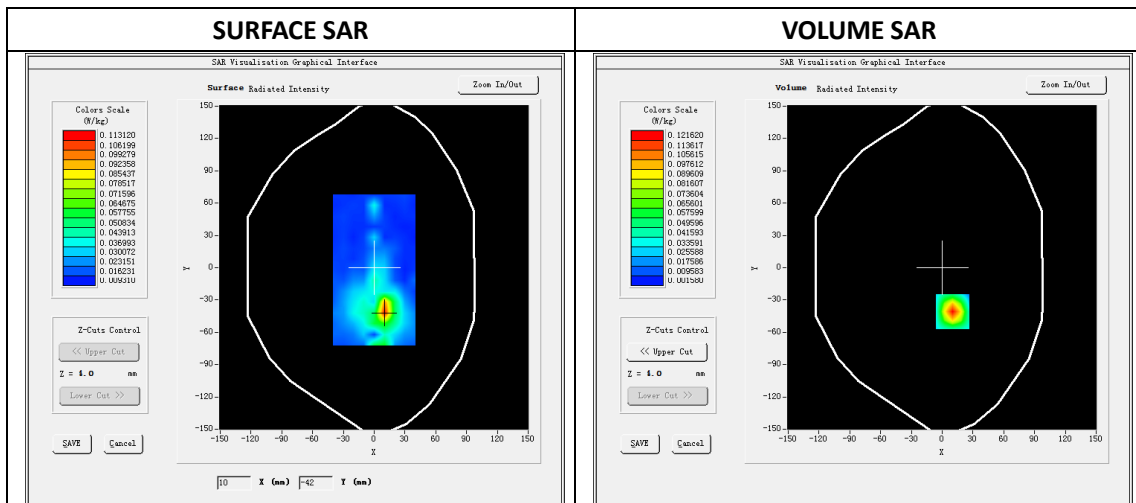
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	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)	53.42
Relative permittivity (imaginary part)	14.30
Conductivity (S/m)	1.51
Variation (%)	0.91
ConvF:	2.39

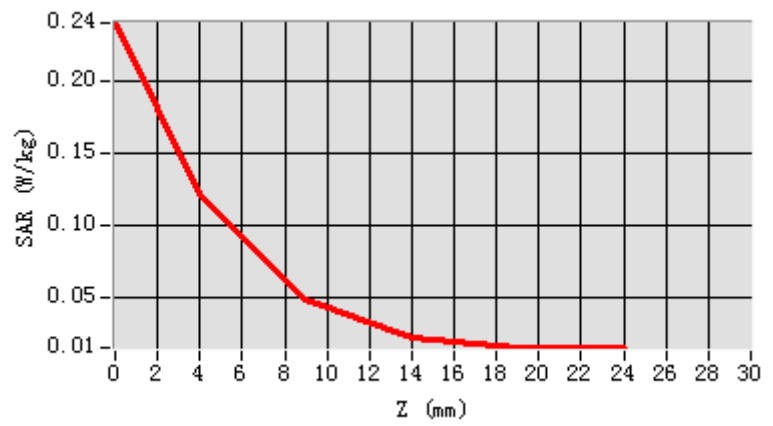


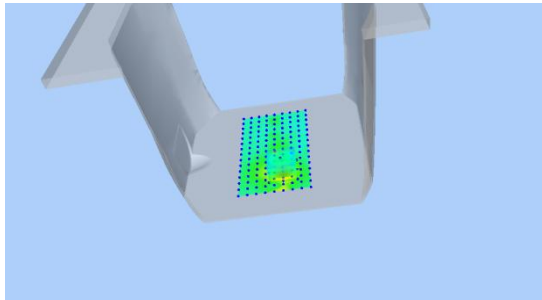
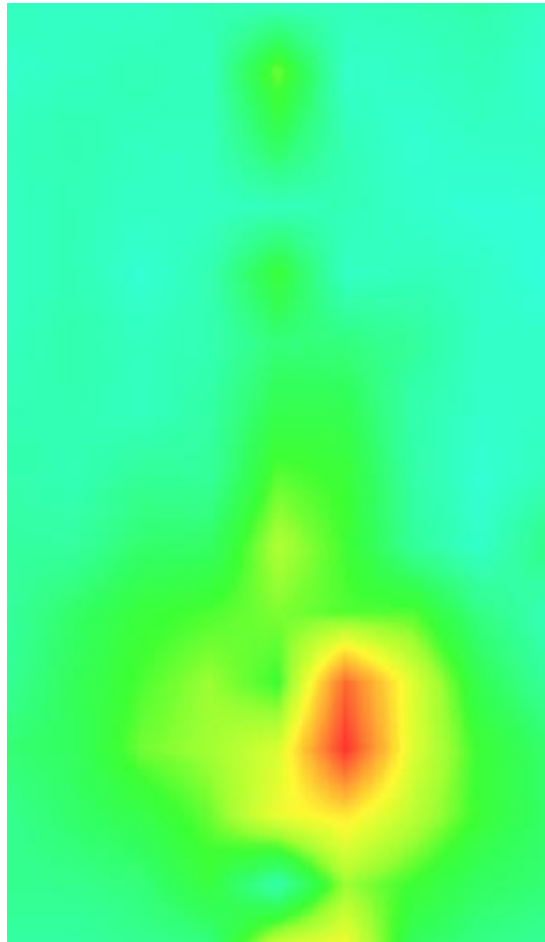
Maximum location: X=10.00, Y=-41.00

SAR Peak: 0.24W/kg

SAR 10g (W/Kg)	0.051978
SAR 1g (W/Kg)	0.120597

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2409	0.1216	0.0479	0.0212	0.0146



3D screen shot	Hot spot position
	

Plot 53: LTE Band4, 20MHz, Left Cheek, Middle

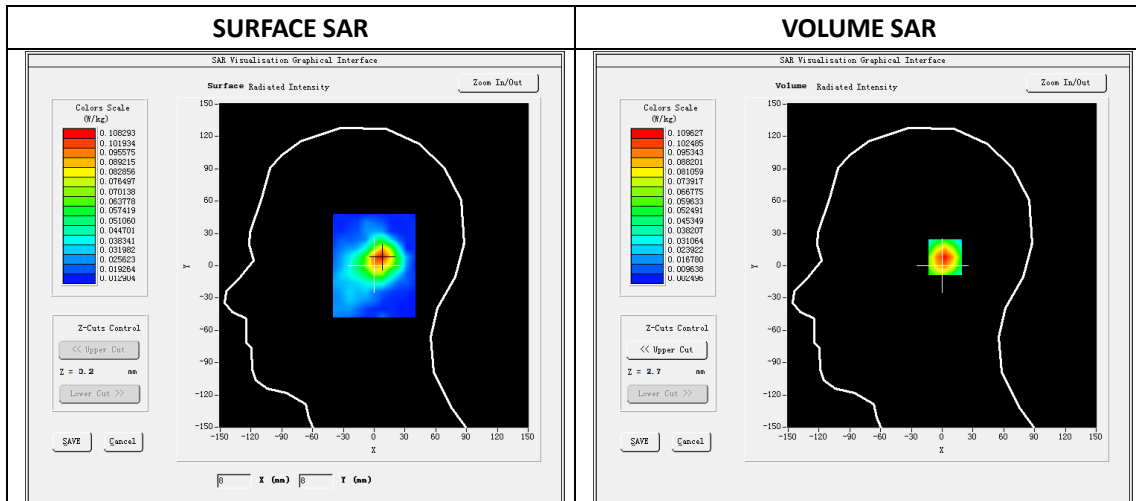
Type: Phone measurement
 Date of measurement: 03/17/2019
 Measurement duration: 22 minutes 15 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

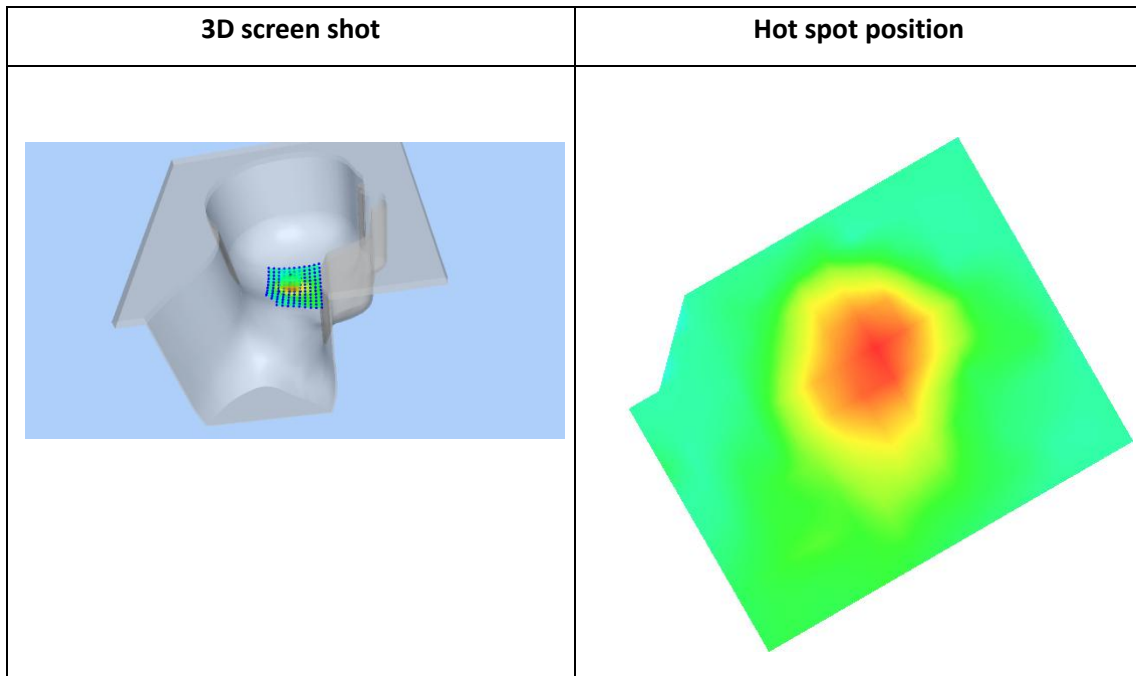
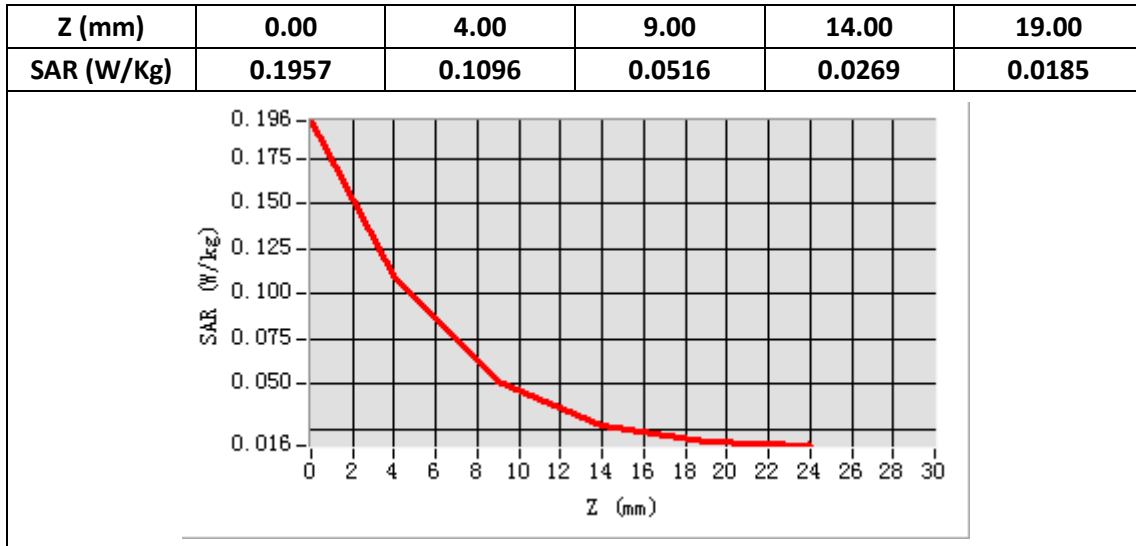
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	40.34
Relative permittivity (imaginary part)	13.10
Conductivity (S/m)	1.31
Variation (%)	-3.14
ConvF:	2.14



Maximum location: X=7.00, Y=8.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.055547
SAR 1g (W/Kg)	0.110785



Plot 54: LTE Band4, 20MHz, Back, Middle,10mm

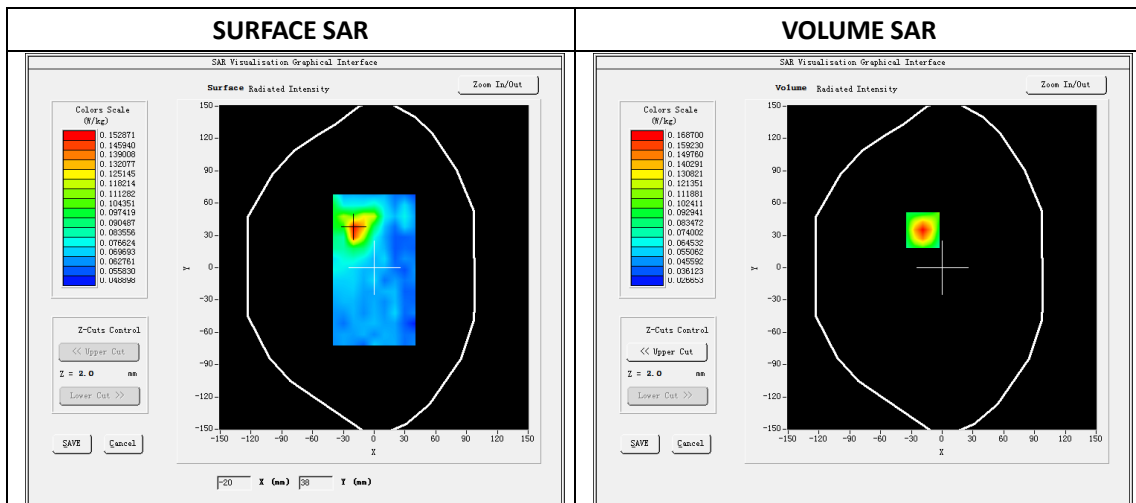
Type: Phone measurement
 Date of measurement: 03/17/2019
 Measurement duration: 22 minutes 35 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

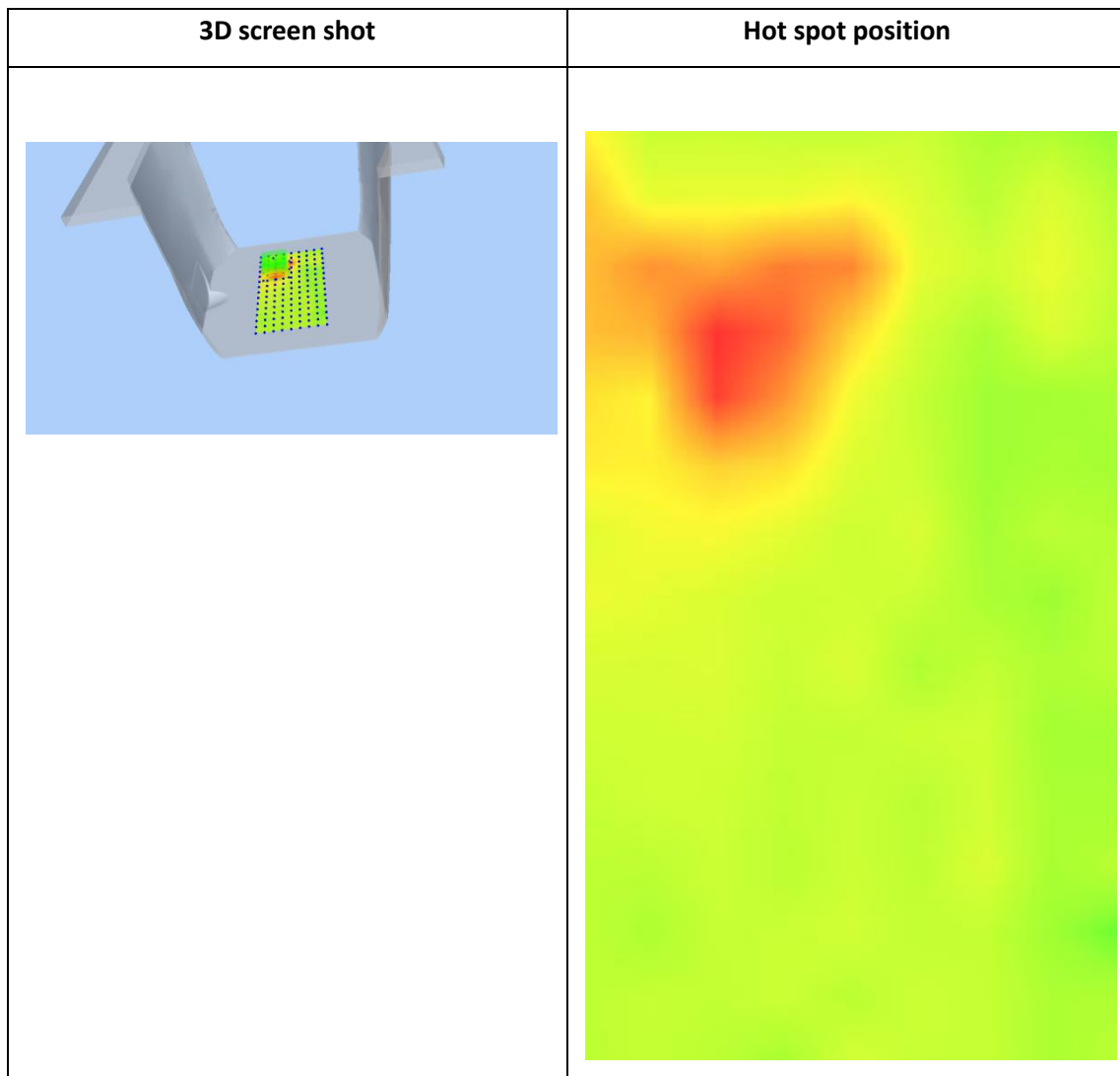
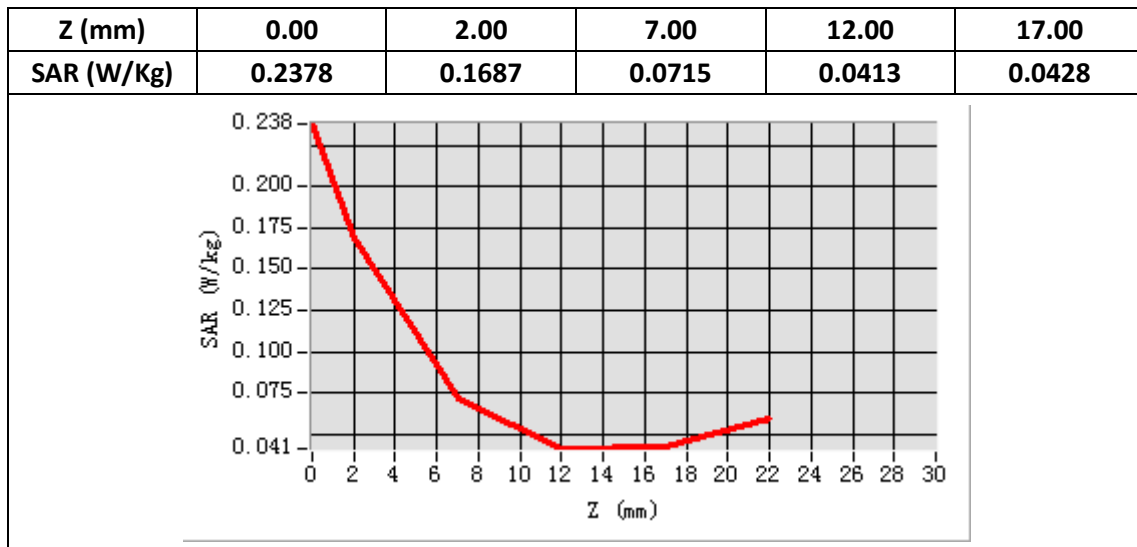
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.39
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	-2.80
ConvF:	2.22



Maximum location: X=-19.00, Y=35.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.074860
SAR 1g (W/Kg)	0.120883



Plot 55 LTE Band5, 10MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 03/16/2019

Measurement duration: 22 minutes 12 econds

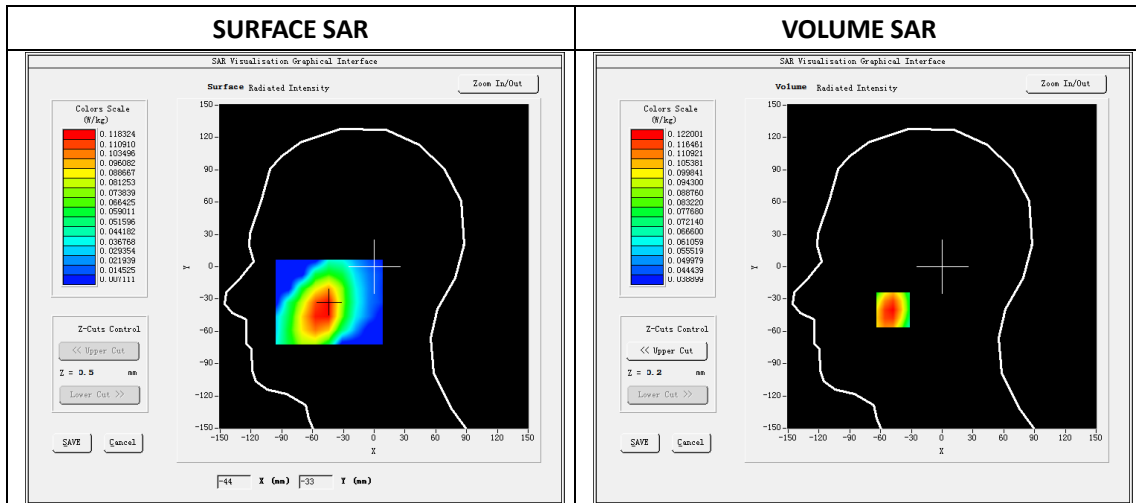
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

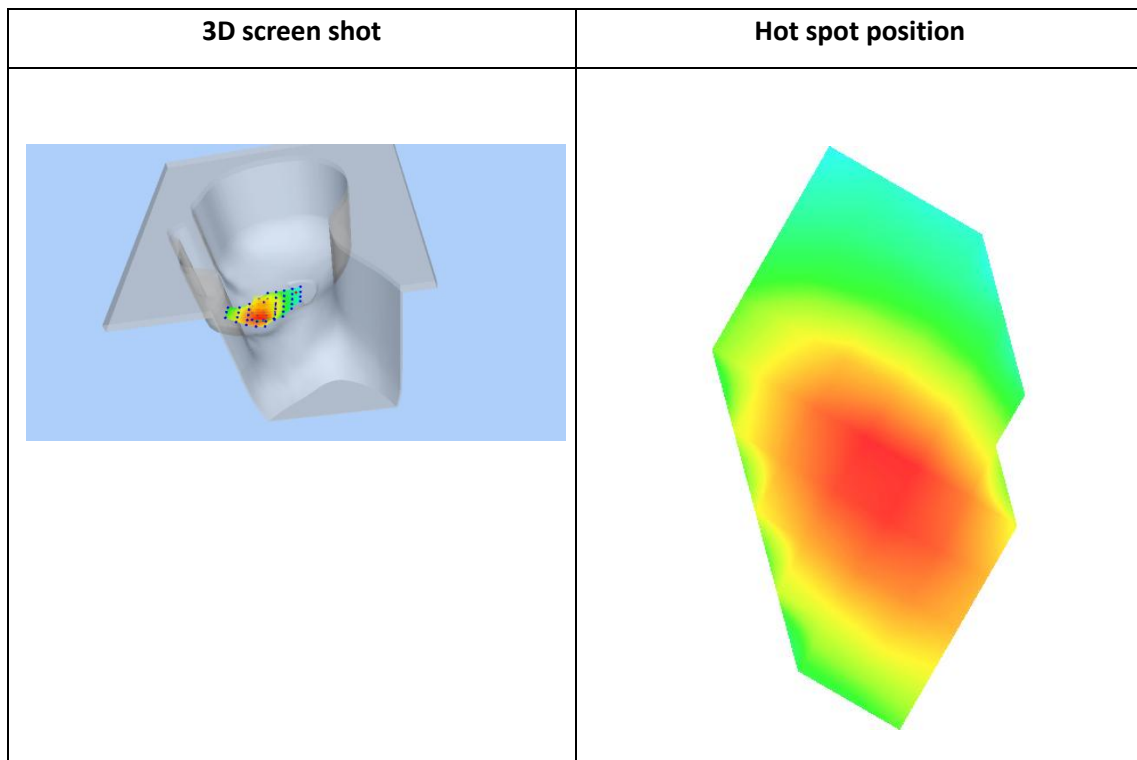
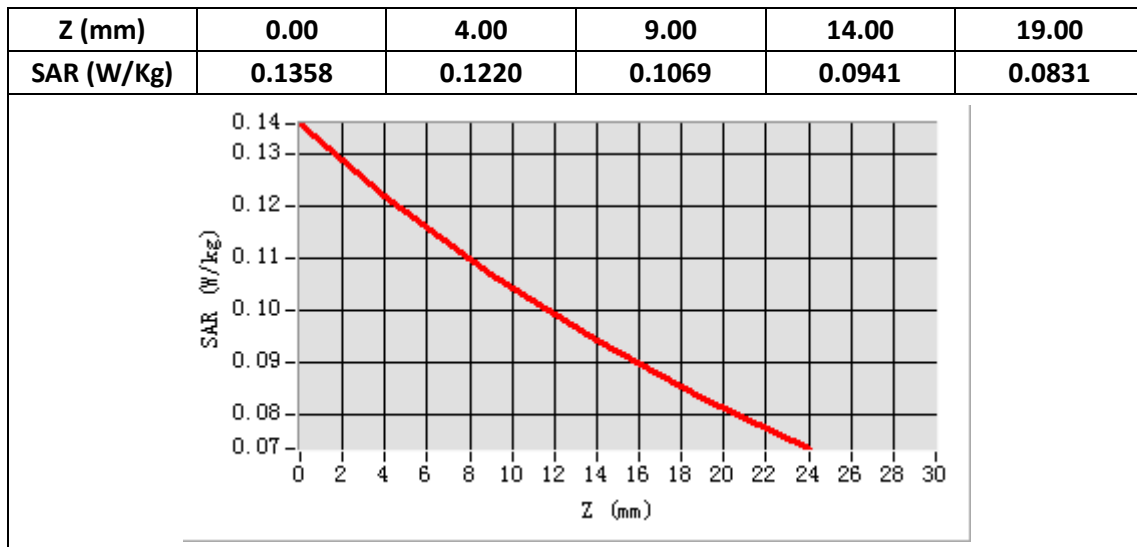
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	41.32
Relative permittivity (imaginary part)	18.42
Conductivity (S/m)	0.87
Variation (%)	-2.08
ConvF:	1.92



Maximum location: X=-48.00, Y=-40.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.098837
SAR 1g (W/Kg)	0.120957



Plot 56 LTE Band5, 10MHz, Back, Middle,10mm

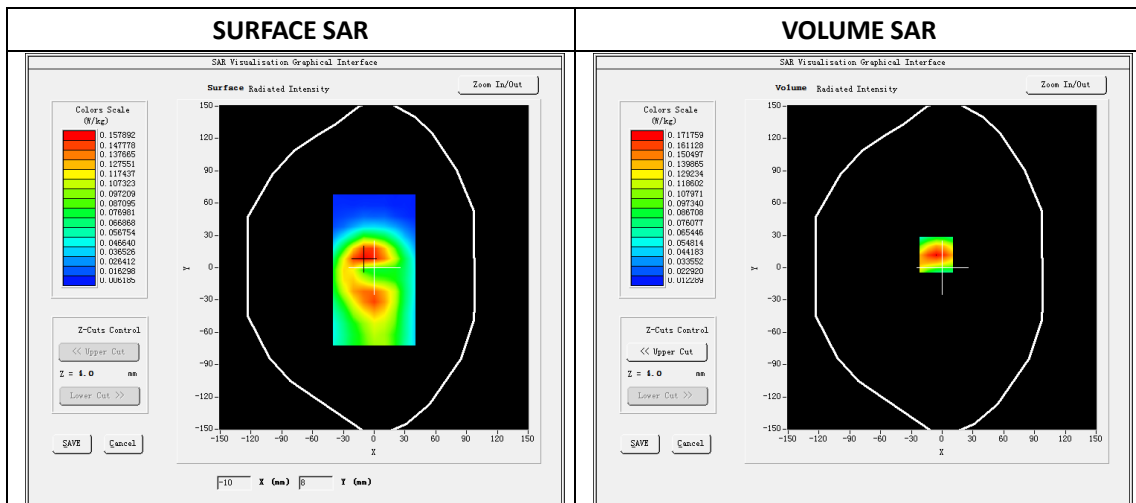
Type: Phone measurement
 Date of measurement: 03/16/2019
 Measurement duration: 22 minutes 37 seconds
 Mobile Phone IMEI number: --

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)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	-2.77
ConvF:	1.99

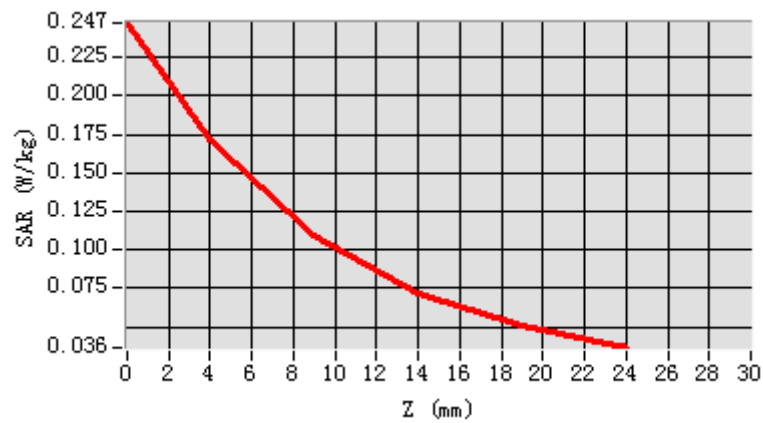


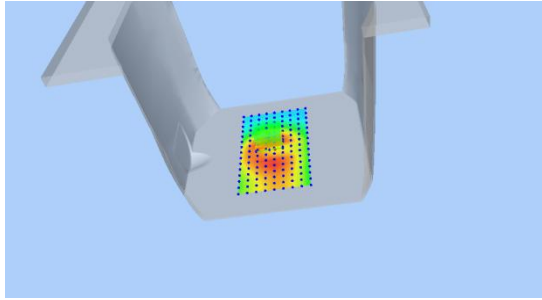
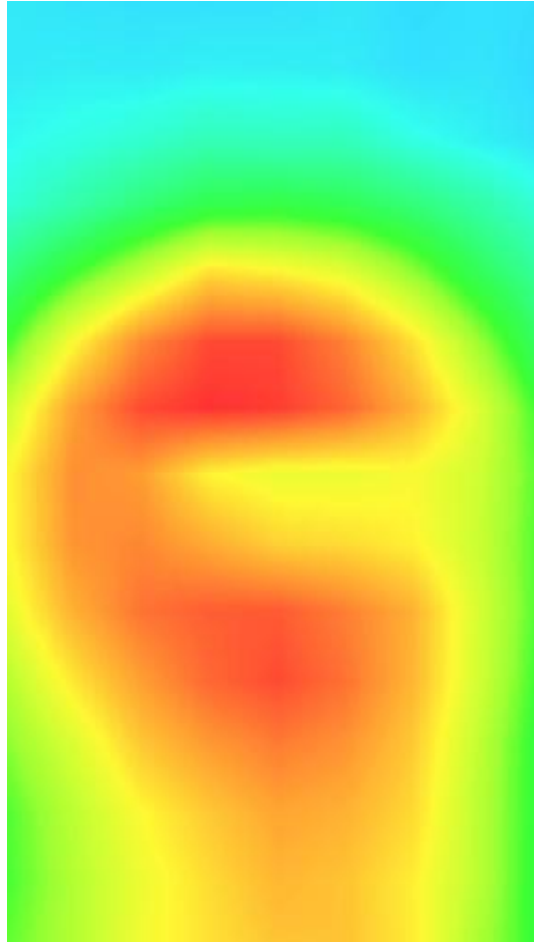
Maximum location: X=-6.00, Y=12.00

SAR Peak: 0.25W/kg

SAR 10g (W/Kg)	0.098685
SAR 1g (W/Kg)	0.163455

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2474	0.1718	0.1091	0.0718	0.0505



3D screen shot	Hot spot position
	

Plot 57: LTE Band7, 20MHz, Left Cheek, Middle

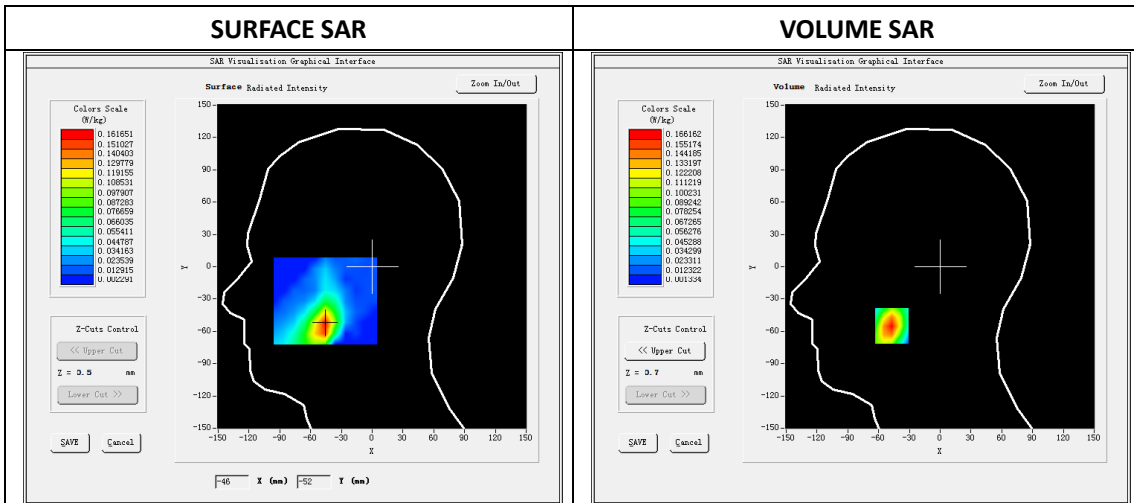
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 11 seconds
 Mobile Phone IMEI number: --

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)	39.11
Relative permittivity (imaginary part)	13.63
Conductivity (S/m)	1.97
Variation (%)	-2.80
ConvF:	2.35

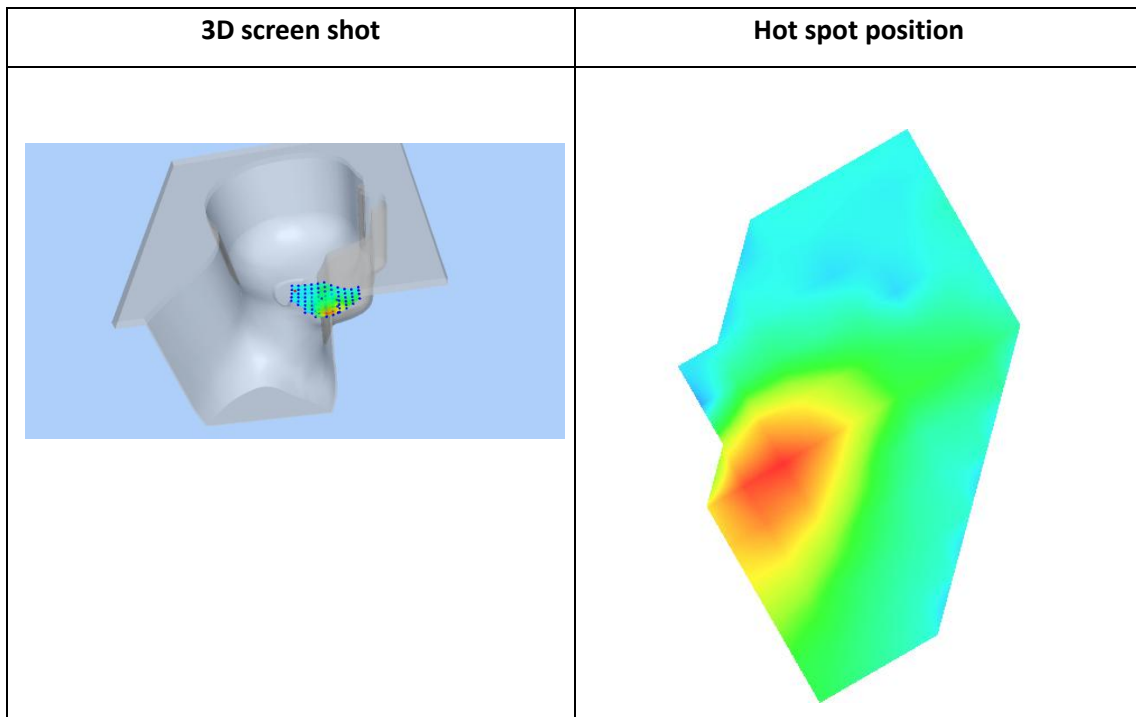
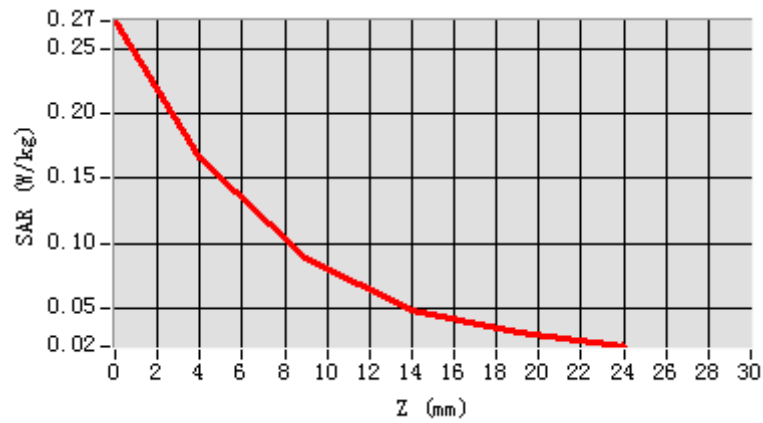


Maximum location: X=-47.00, Y=-55.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.080861
SAR 1g (W/Kg)	0.155169

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2710	0.1662	0.0883	0.0489	0.0305



Plot 58 LTE Band7, 20MHz, Back, Middle,10mm

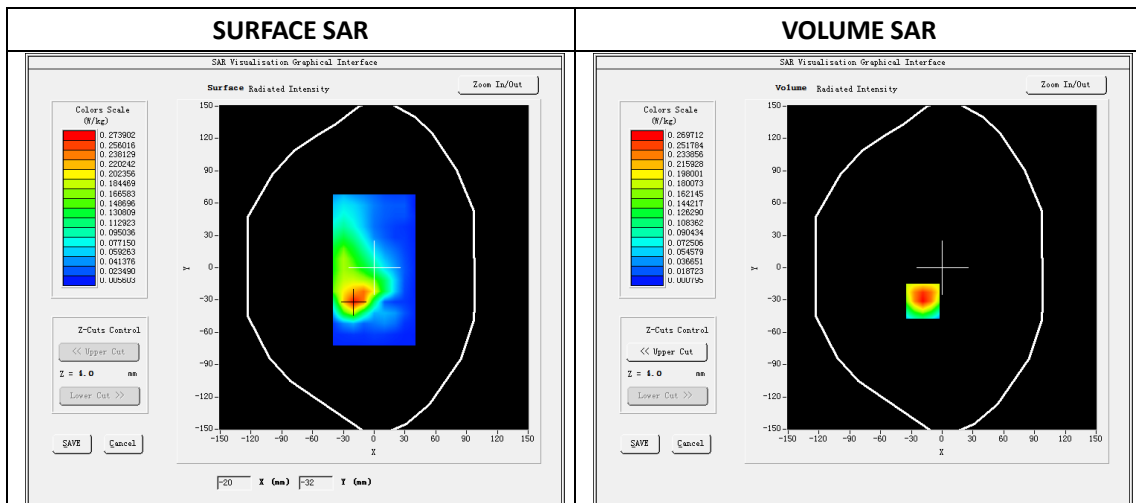
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 12 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Edge C
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)	52.28
Relative permittivity (imaginary part)	14.60
Conductivity (S/m)	2.11
Variation (%)	-3.91
ConvF:	2.43

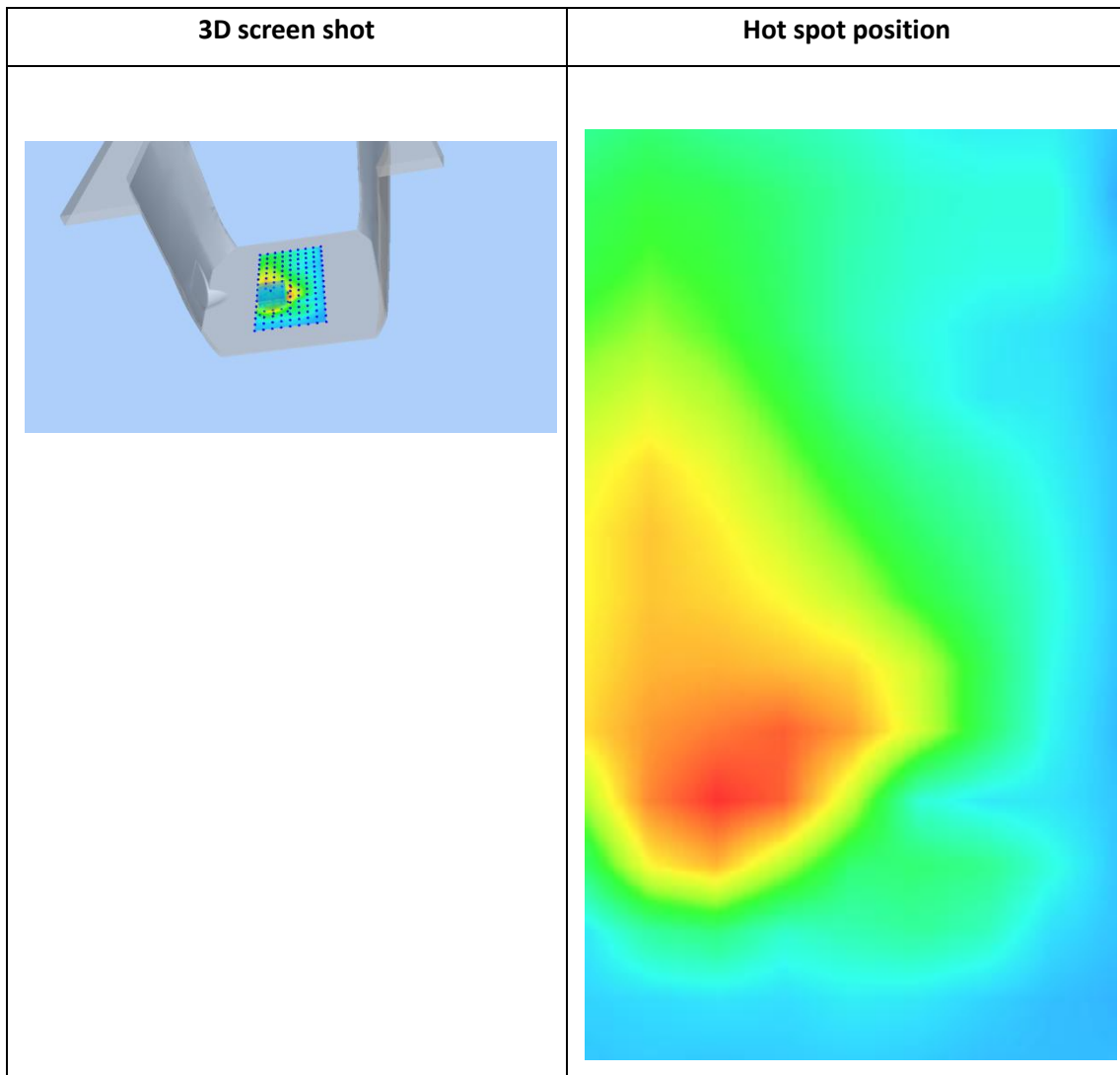
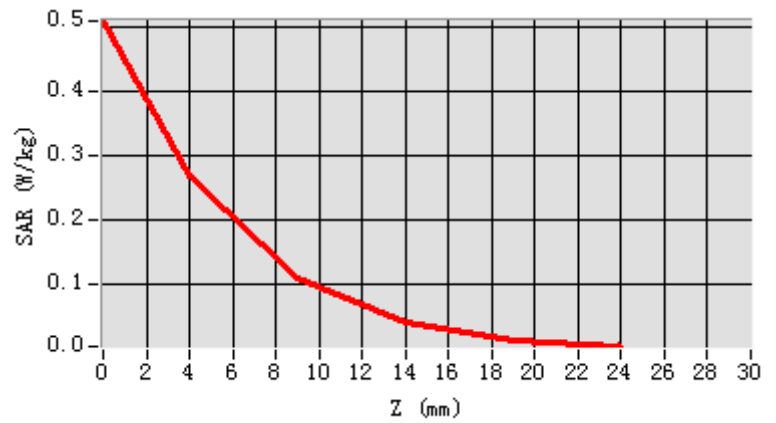


Maximum location: X=-19.00, Y=-31.00

SAR Peak: 0.52W/kg

SAR 10g (W/Kg)	0.120647
SAR 1g (W/Kg)	0.259576

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5081	0.2697	0.1091	0.0396	0.0138



Plot 59 LTE Band12, 10MHz,Right Cheek, Middle

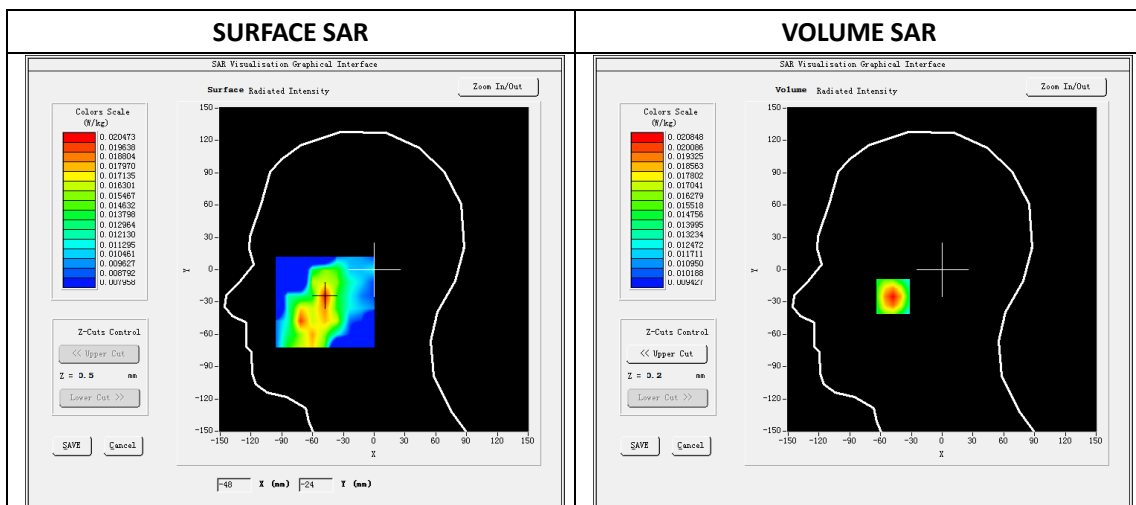
Type: Phone measurement
 Date of measurement: 03/15/2019
 Measurement duration: 22 minutes 26 seconds
 Mobile Phone IMEI number: --

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 12
Channels	23095
Signal	LTE (Duty cycle: 1:1)

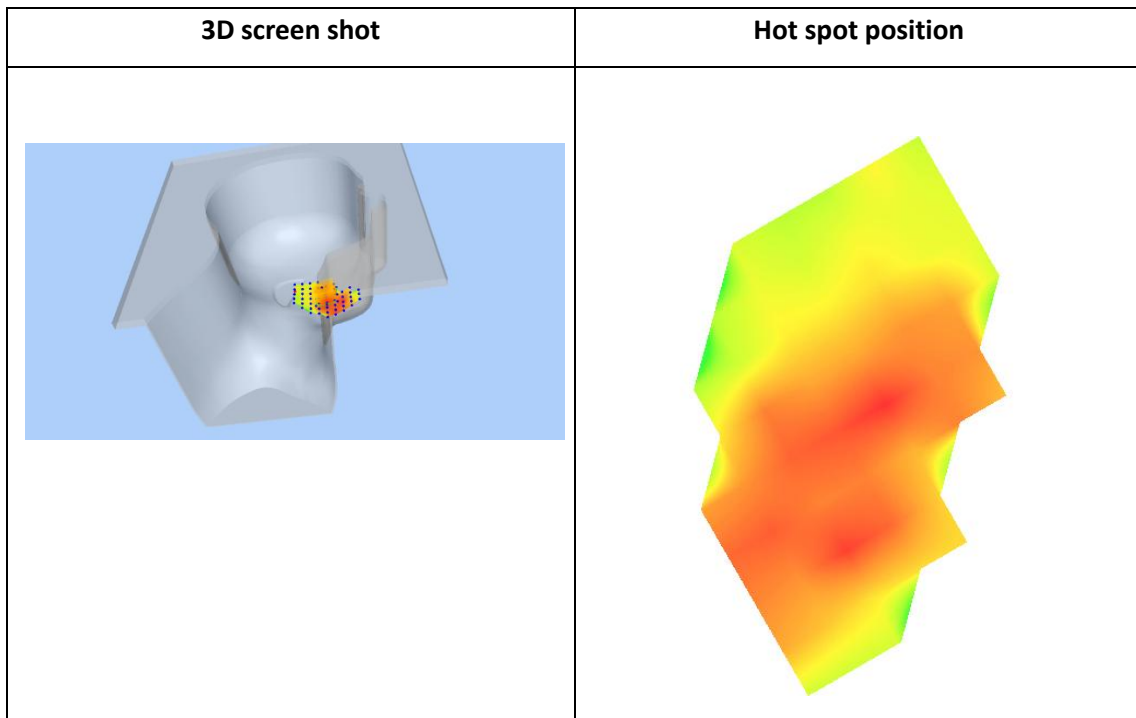
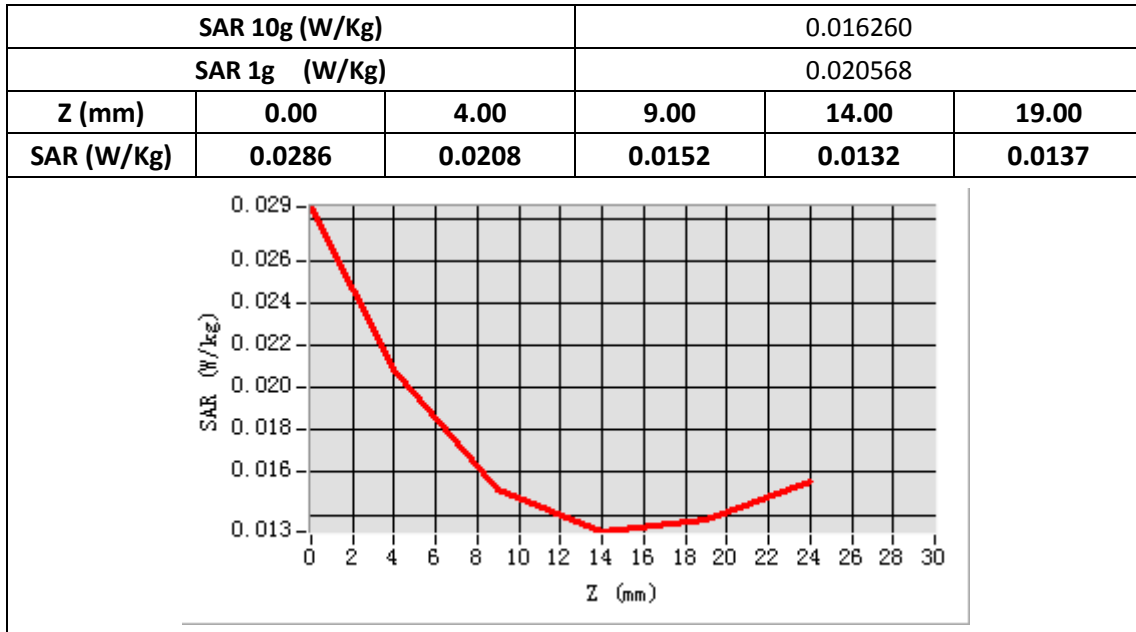
B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	707.5
Relative permittivity (real part)	41.95
Relative permittivity (imaginary part)	22.08
Conductivity (S/m)	0.92
Variation (%)	0.63
ConvF:	1.87



Maximum location: X=-48.00, Y=-25.00

SAR Peak: 0.03 W/kg



Plot 60 LTE Band12, 10MHz, Back, Middle,10mm

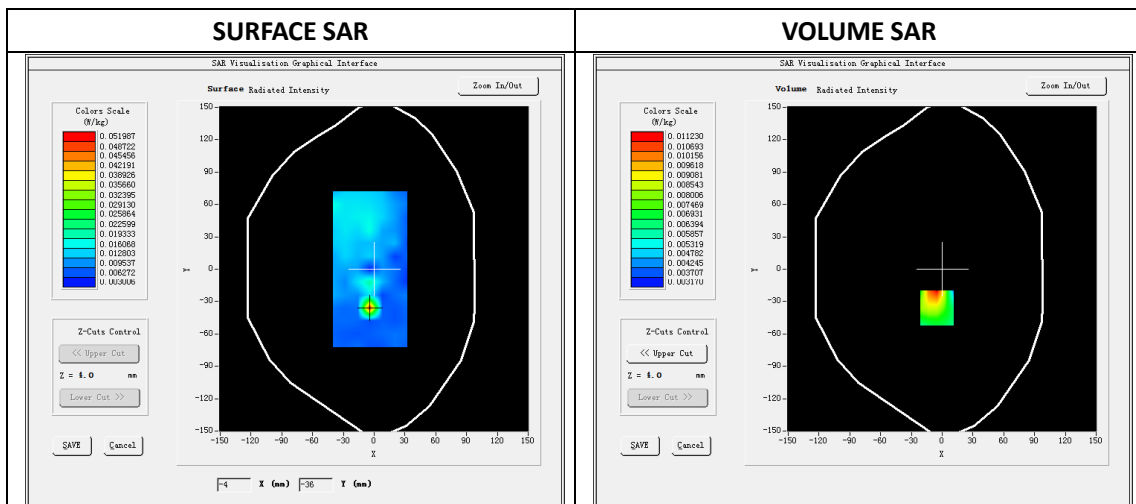
Type: Phone measurement
 Date of measurement: 03/15/2019
 Measurement duration: 22 minutes 12 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

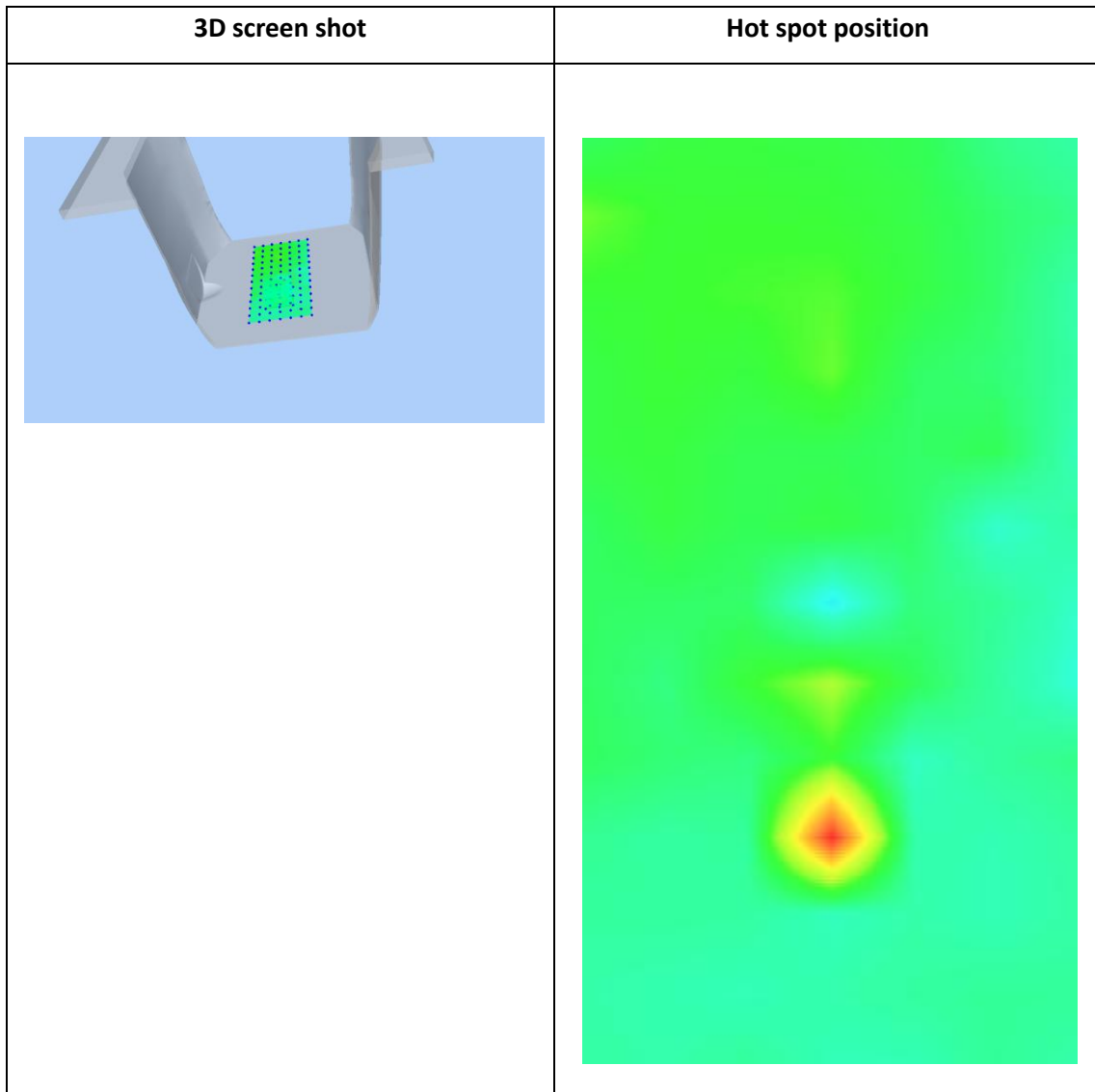
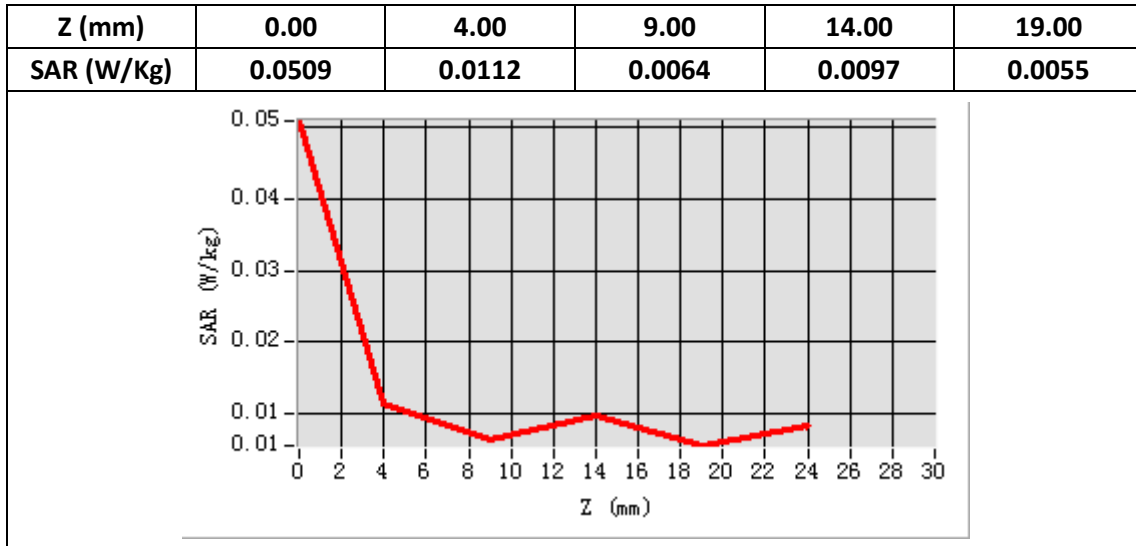
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	707.5
Relative permittivity (real part)	55.53
Relative permittivity (imaginary part)	22.80
Conductivity (S/m)	0.95
Variation (%)	-1.03
ConvF:	1.93



Maximum location: X=-5.00, Y=-36.00

SAR Peak: 0.01W/kg

SAR 10g (W/Kg)	0.008331
SAR 1g (W/Kg)	0.010584



Plot61 :LTE Band17, 10MHz,Right Check, Middle

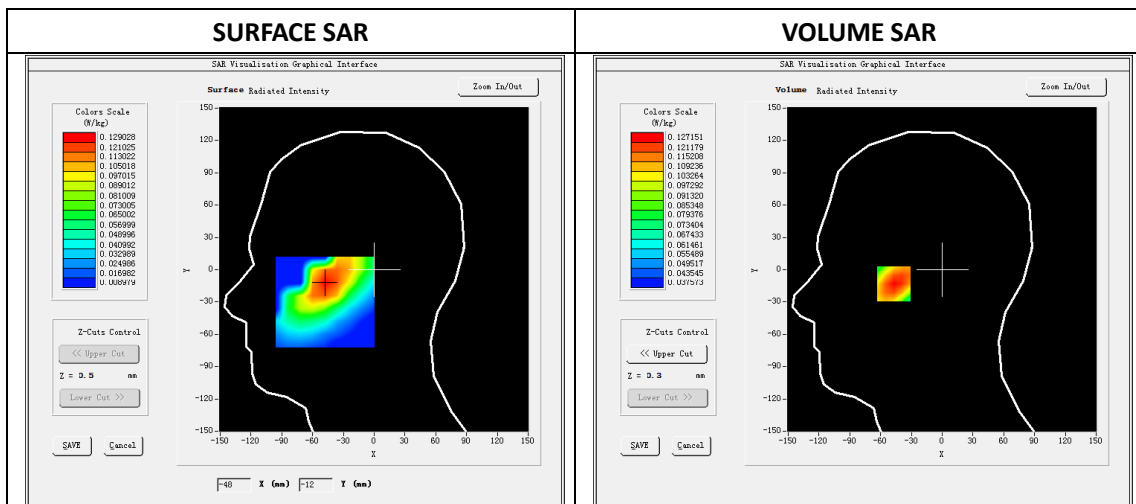
Type: Phone measurement
 Date of measurement: 03/15/2019
 Measurement duration: 22 minutes 43 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	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)	41.95
Relative permittivity (imaginary part)	22.08
Conductivity (S/m)	0.92
Variation (%)	-3.58
ConvF:	1.87

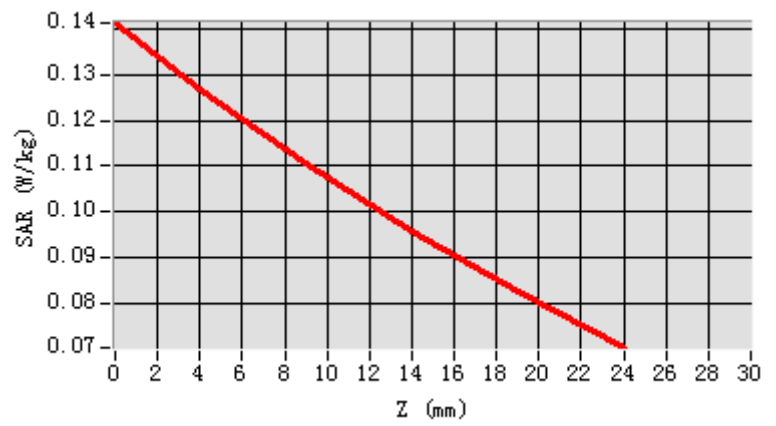


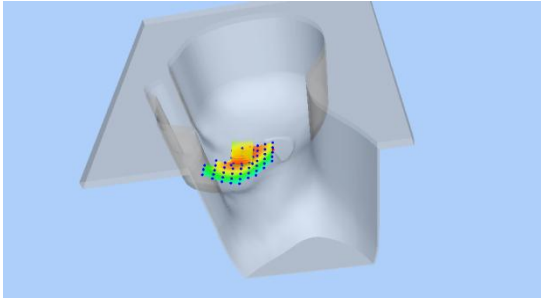
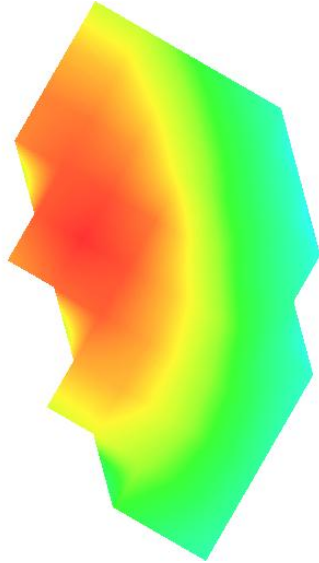
Maximum location: X=-47.00, Y=-12.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.040486
SAR 1g (W/Kg)	0.049359

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1415	0.1272	0.1107	0.0958	0.0824



3D screen shot	Hot spot position
	

Plot 62 LTE Band17, 10MHz, Back, Middle,10mm

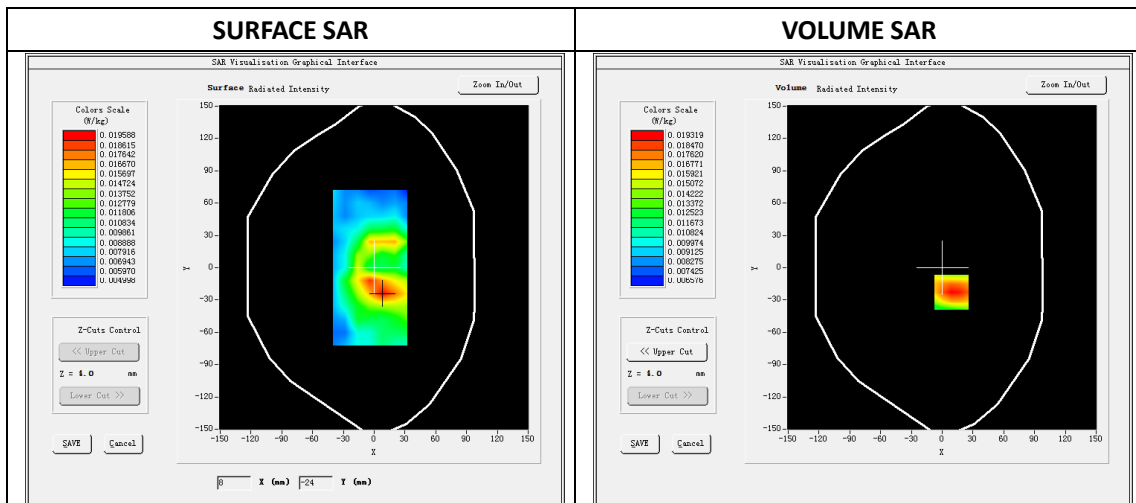
Type: Phone measurement
 Date of measurement: 03/15/2019
 Measurement duration: 22 minutes 09 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	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)	55.53
Relative permittivity (imaginary part)	22.80
Conductivity (S/m)	0.95
Variation (%)	-1.37
ConvF:	1.93

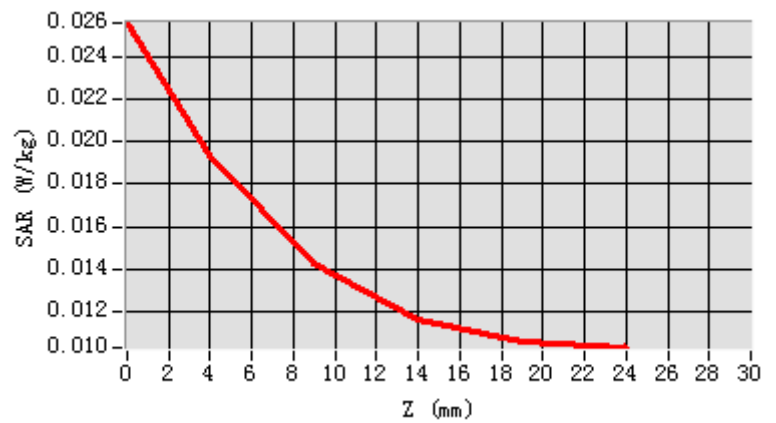


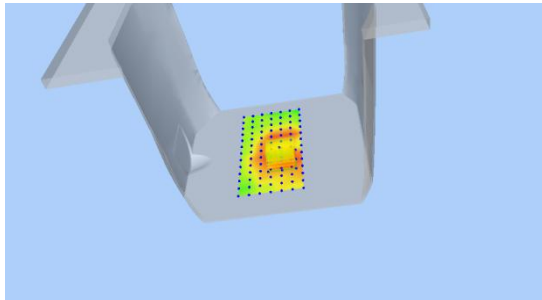
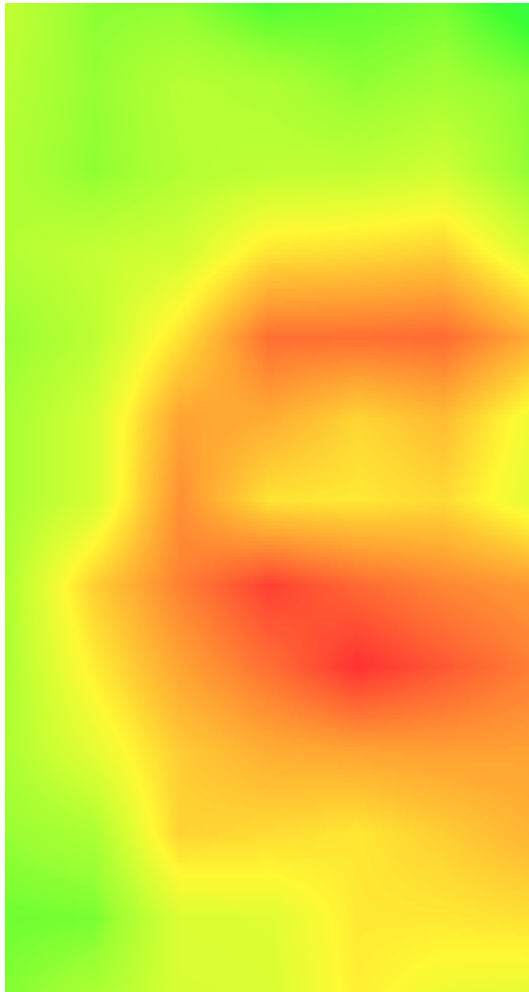
Maximum location: X=9.00, Y=-23.00

SAR Peak: 0.03W/kg

SAR 10g (W/Kg)	0.014586
SAR 1g (W/Kg)	0.019246

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0256	0.0193	0.0142	0.0116	0.0106



3D screen shot	Hot spot position
	

Plot 63: LTE Band25, 20MHz,Right Cheek, Middle

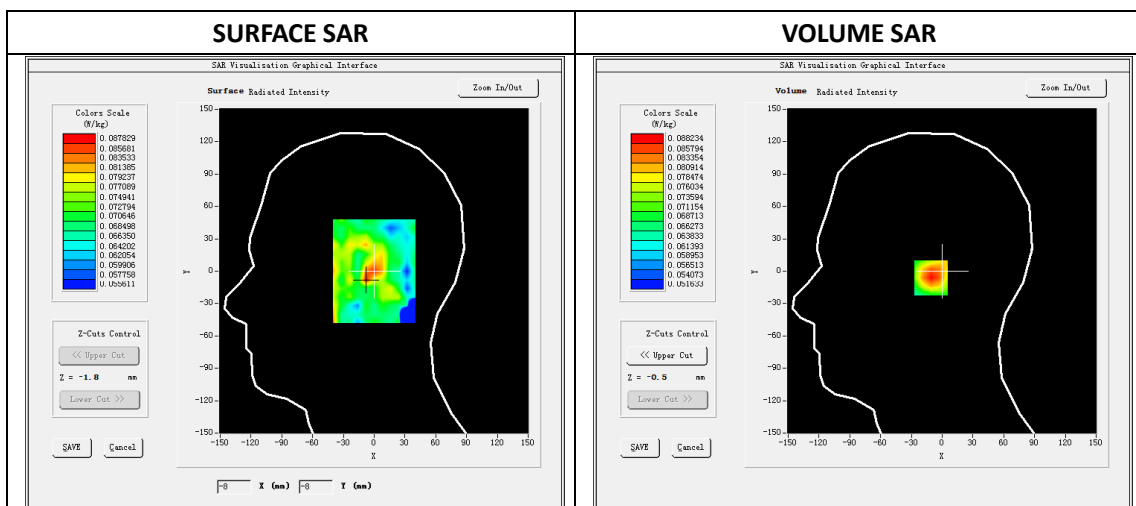
Type: Phone measurement
 Date of measurement: 03/18/2019
 Measurement duration: 22 minutes 06 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right 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)	40.60
Relative permittivity (imaginary part)	13.16
Conductivity (S/m)	1.39
Variation (%)	-1.72
ConvF:	2.34

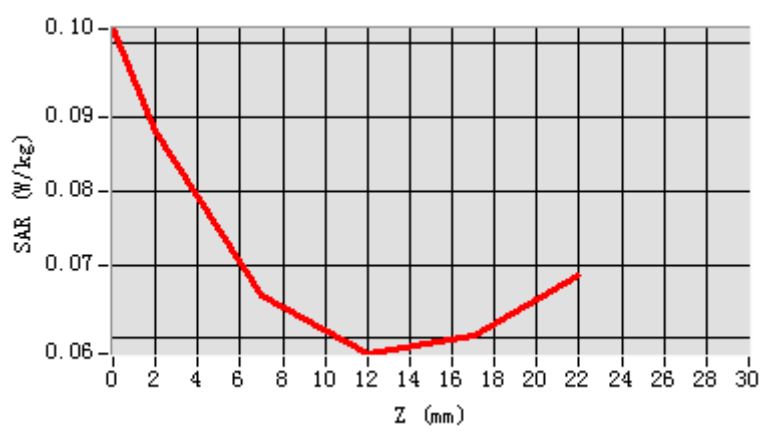


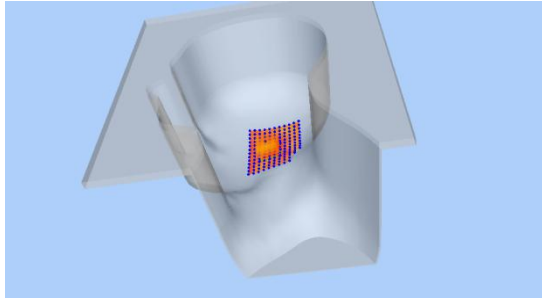
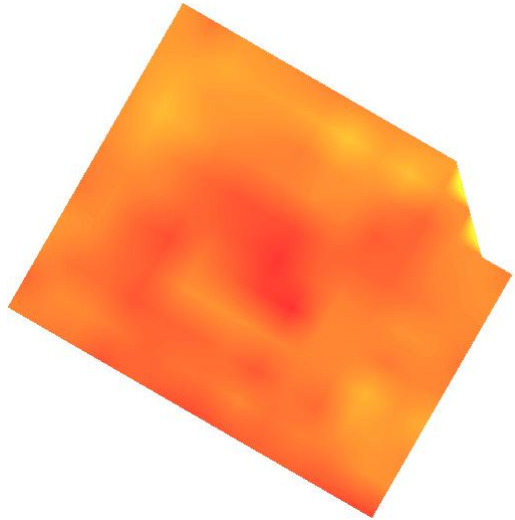
Maximum location: X=-7.00, Y=-6.00

SAR Peak: 0.12W/kg

SAR 10g (W/Kg)	0.008520
SAR 1g (W/Kg)	0.012812

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.1020	0.0882	0.0658	0.0580	0.0605



3D screen shot	Hot spot position
	

Plot 64: LTE Band25, 20MHz, Back, Middle,10mm

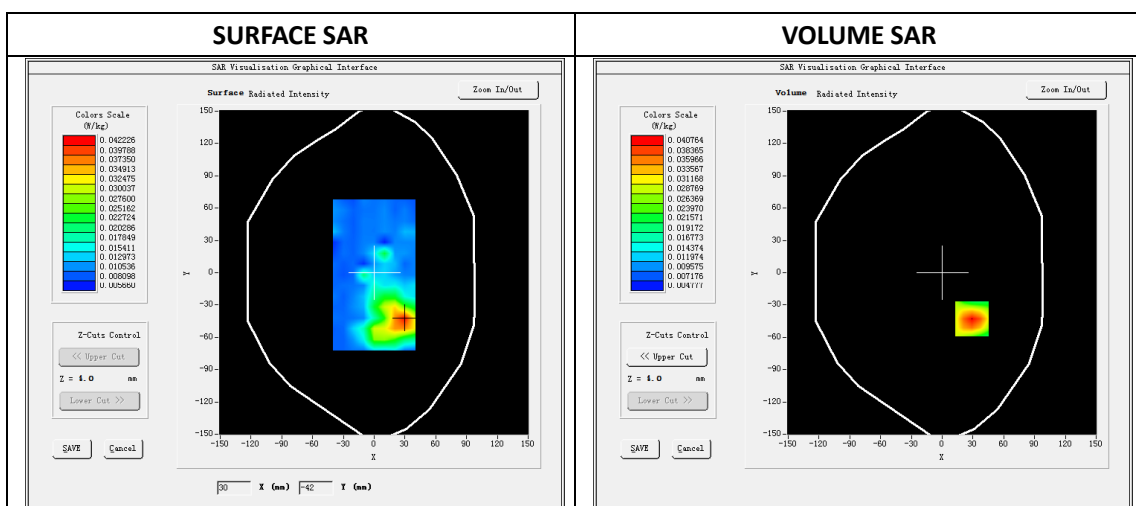
Type: Phone measurement
 Date of measurement: 03/18/2019
 Measurement duration: 22 minutes 17 seconds
 Mobile Phone IMEI number: --

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 25
Channels	26365
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

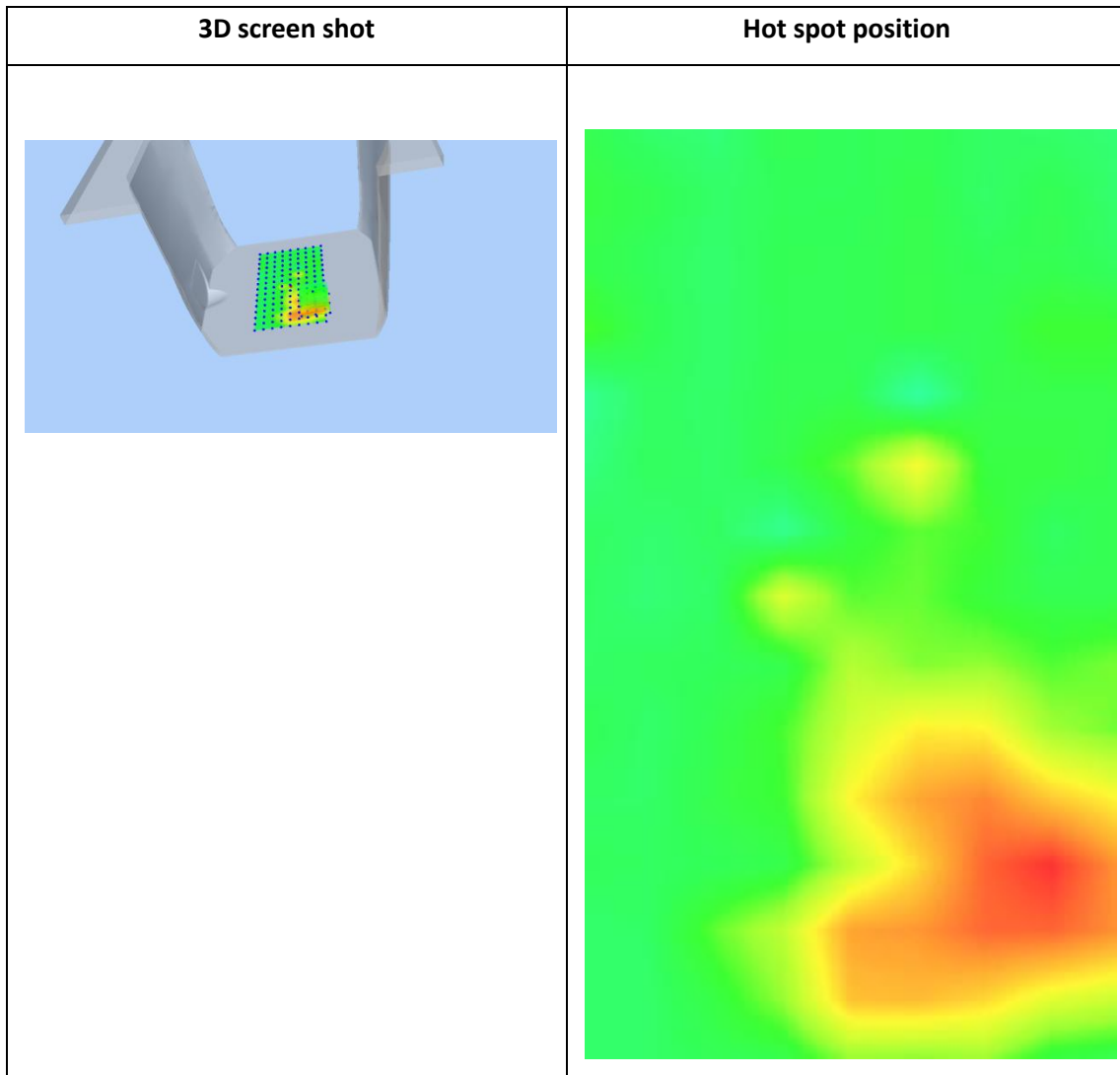
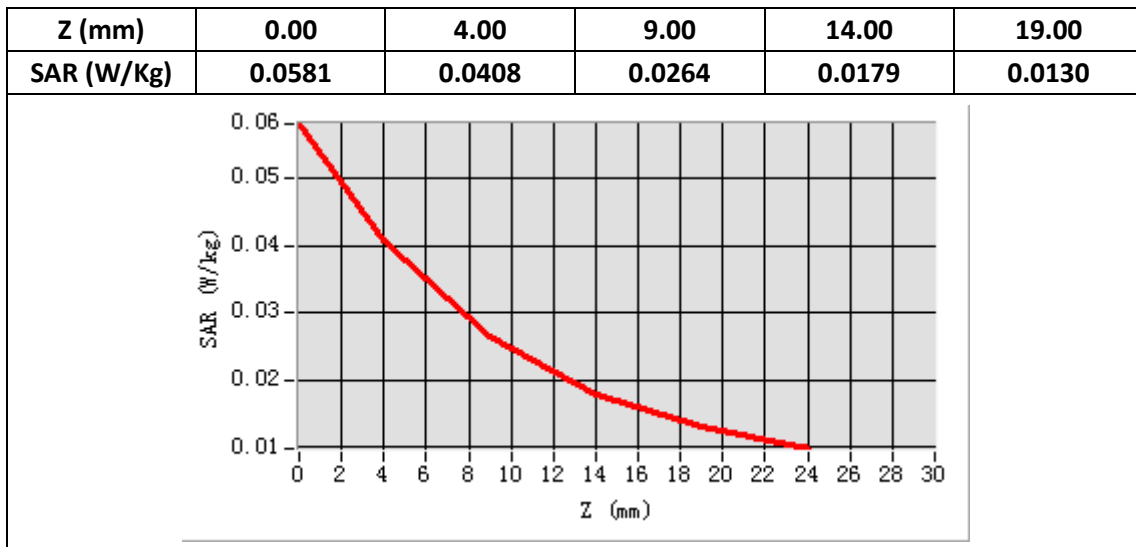
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1882.5
Relative permittivity (real part)	55.43
Relative permittivity (imaginary part)	22.15
Conductivity (S/m)	0.95
Variation (%)	-2.97
ConvF:	2.39



Maximum location: X=29.00, Y=-43.00

SAR Peak: 0.06W/kg

SAR 10g (W/Kg)	0.020219
SAR 1g (W/Kg)	0.030217



Plot 65: LTE Band26, 15MHz, Left Cheek, Middle

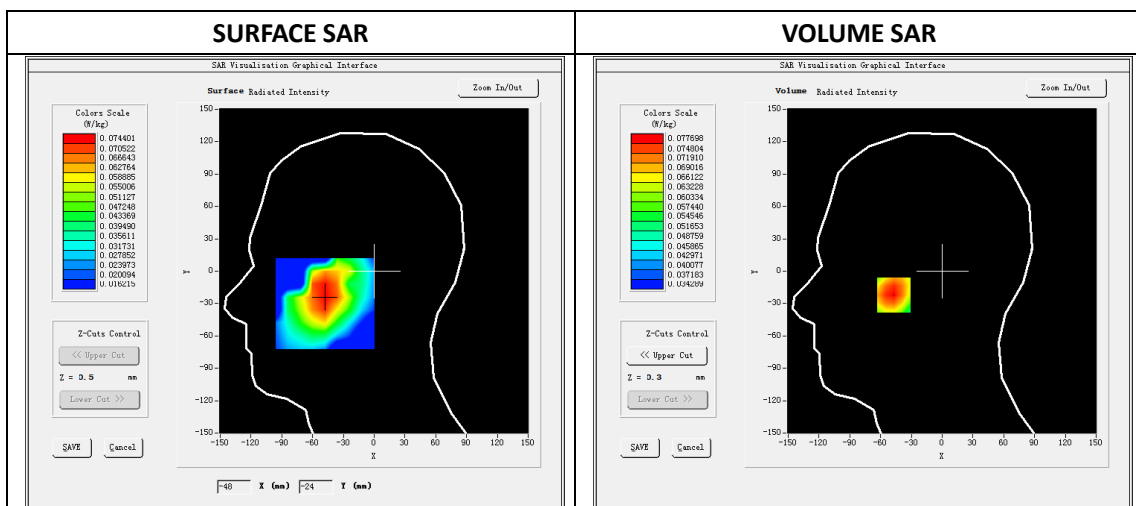
Type: Phone measurement
 Date of measurement: 03/16/2019
 Measurement duration: 22 minutes 24 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 26
Channels	26865
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

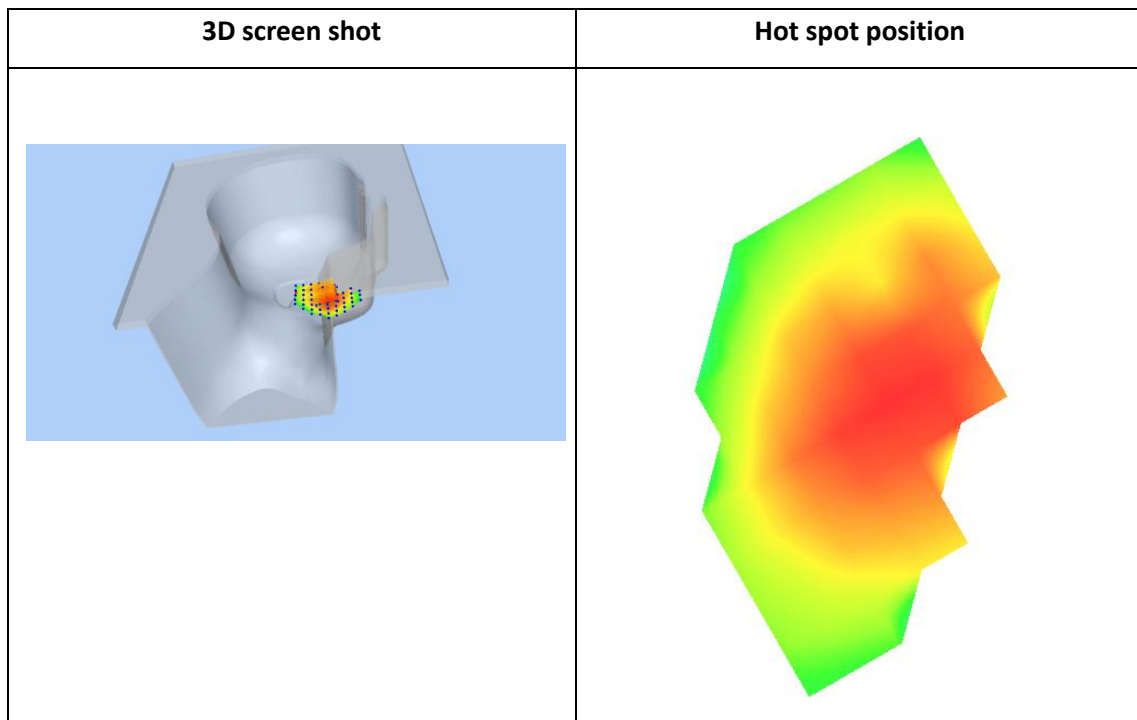
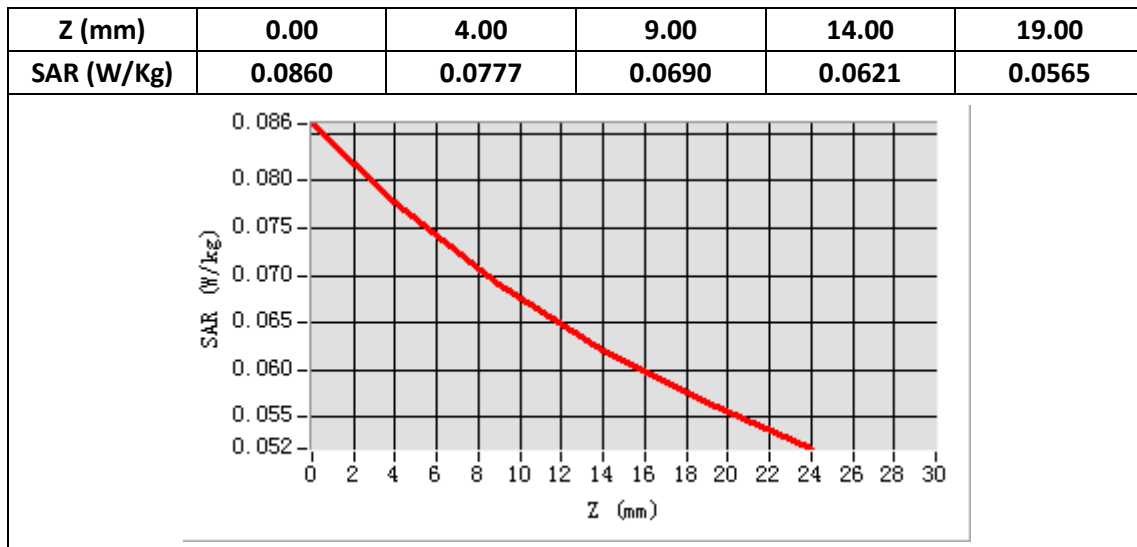
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	813.5
Relative permittivity (real part)	41.32
Relative permittivity (imaginary part)	18.42
Conductivity (S/m)	0.87
Variation (%)	-2.06
ConvF:	1.92



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

SAR Peak: 0.09W/kg

SAR 10g (W/Kg)	0.065649
SAR 1g (W/Kg)	0.077238



Plot 66: LTE Band26, 15MHz, Back, Middle,10mm

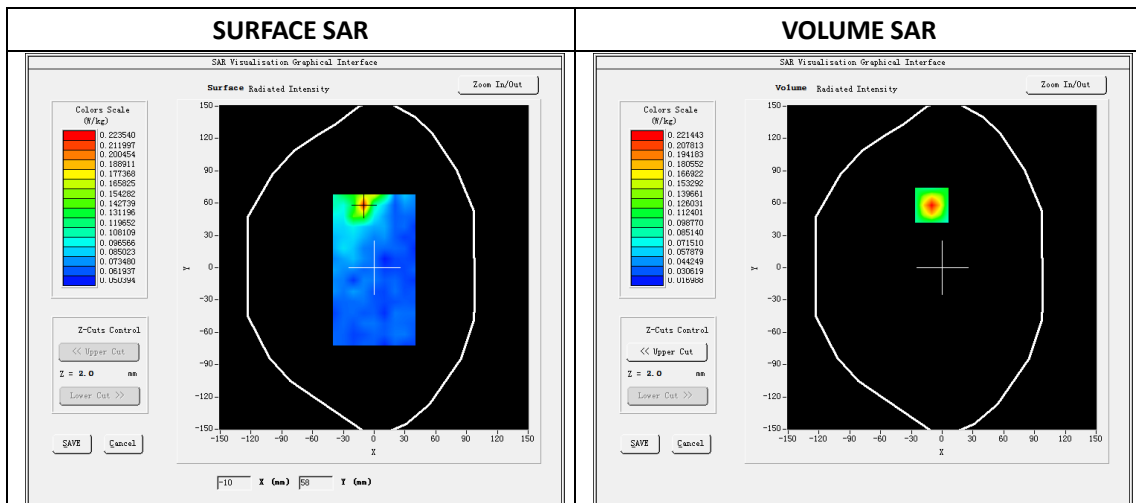
Type: Phone measurement
 Date of measurement: 03/16/2019
 Measurement duration: 22 minutes 34 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 26
Channels	26865
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	813.5
Relative permittivity (real part)	55.23
Relative permittivity (imaginary part)	22.12
Conductivity (S/m)	0.98
Variation (%)	-3.96
ConvF:	1.99

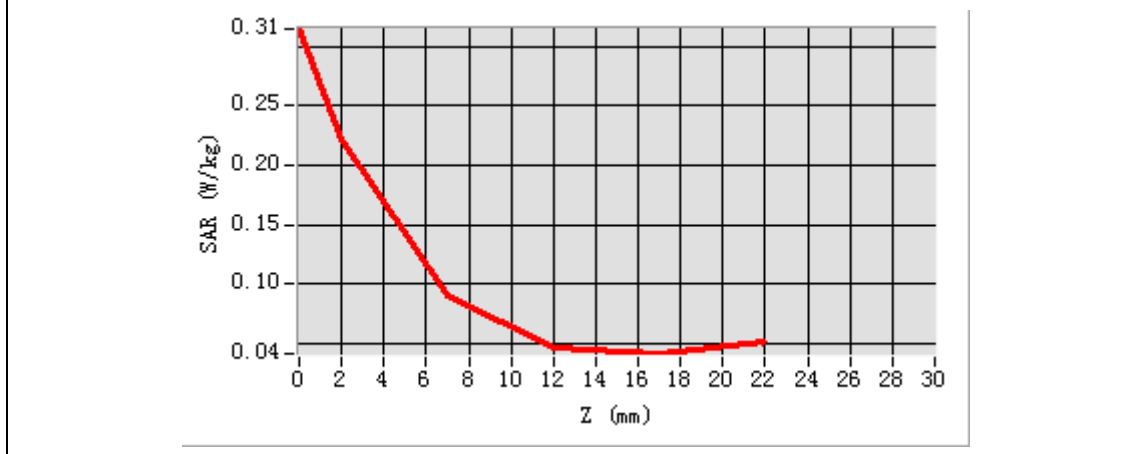


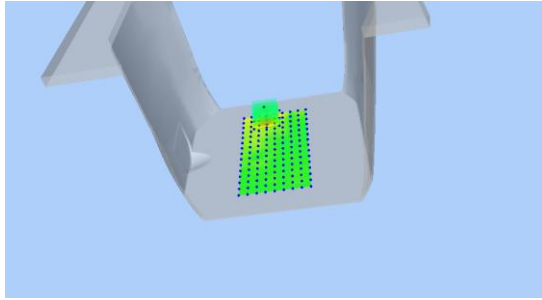
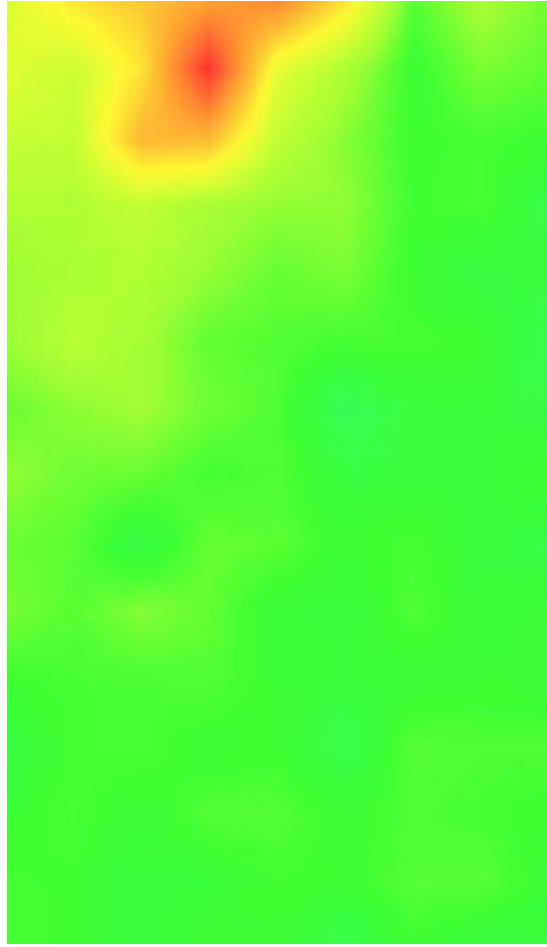
Maximum location: X=-10.00, Y=58.00

SAR Peak: 0.32W/kg

SAR 10g (W/Kg)	0.080895
SAR 1g (W/Kg)	0.148296

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.3145	0.2214	0.0898	0.0461	0.0413



3D screen shot	Hot spot position
	

Plot 67: LTE Band30, 10MHz,Right Cheek, Middle

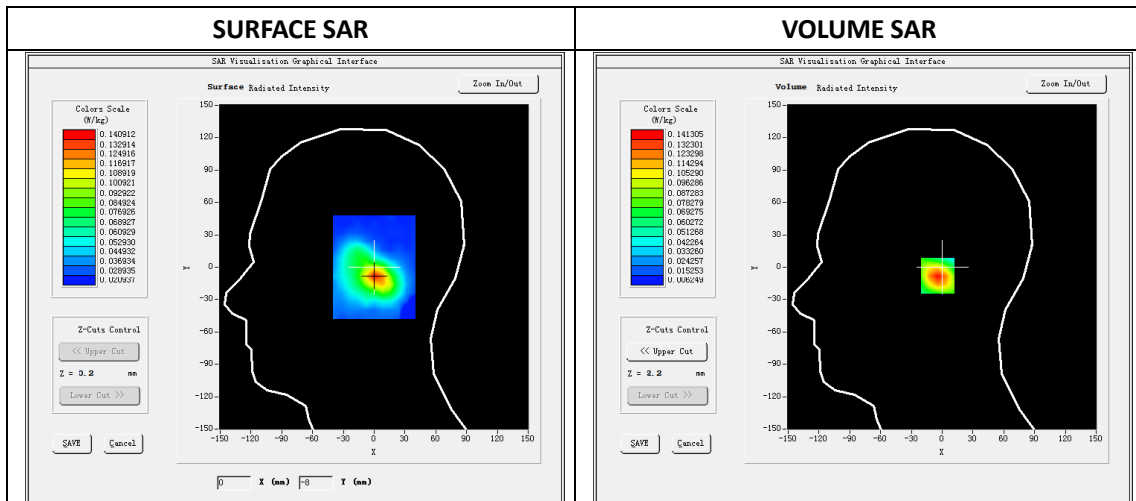
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 35 seconds
 Mobile Phone IMEI number: --

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	LTE Band 30
Channels	27110
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2310
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.81
Variation (%)	-3.09
ConvF:	2.37

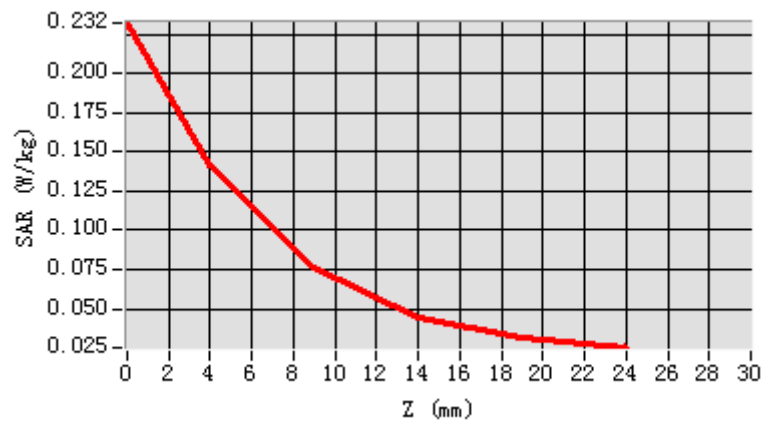


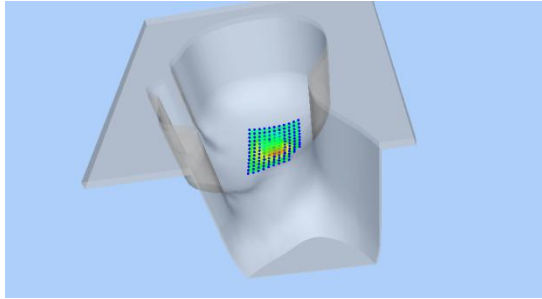
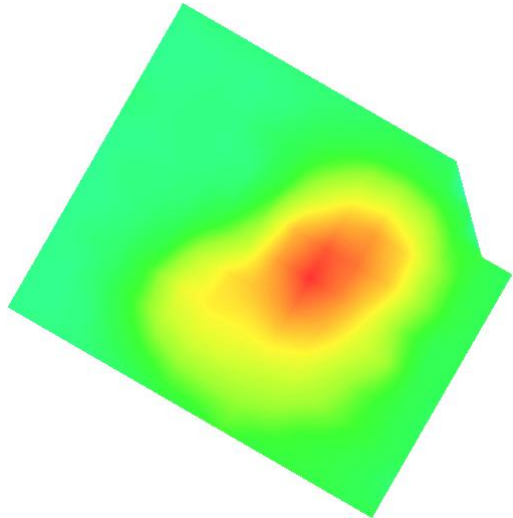
Maximum location: X=1.00, Y=-8.00

SAR Peak: 0.23W/kg

SAR 10g (W/Kg)	0.075104
SAR 1g (W/Kg)	0.141521

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2321	0.1413	0.0756	0.0442	0.0312



3D screen shot	Hot spot position
	

Plot 68: LTE Band30, 10MHz, Back, Middle,10mm

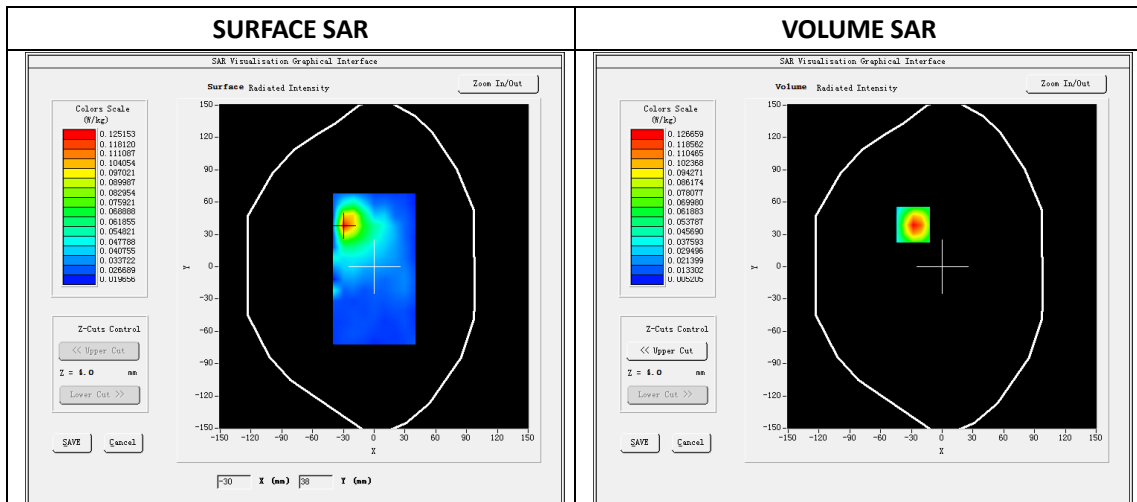
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 35 seconds
 Mobile Phone IMEI number: --

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 30
Channels	27110
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2310
Relative permittivity (real part)	52.61
Relative permittivity (imaginary part)	14.17
Conductivity (S/m)	1.93
Variation (%)	1.42
ConvF:	2.46

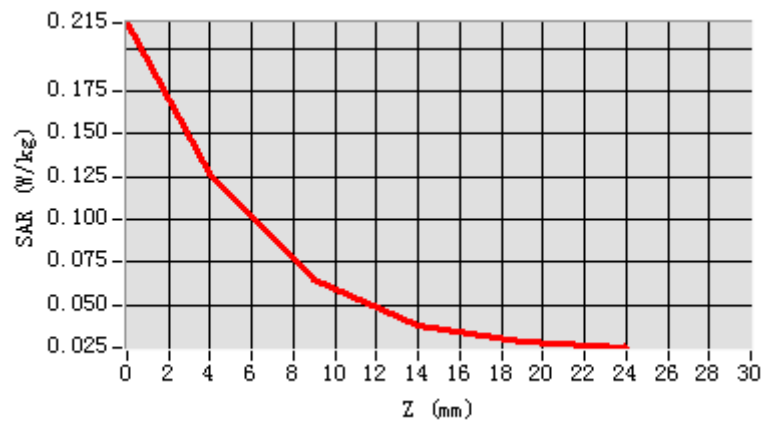


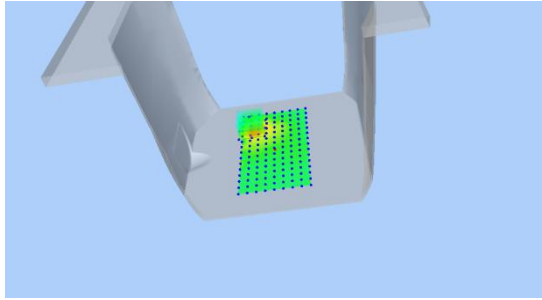
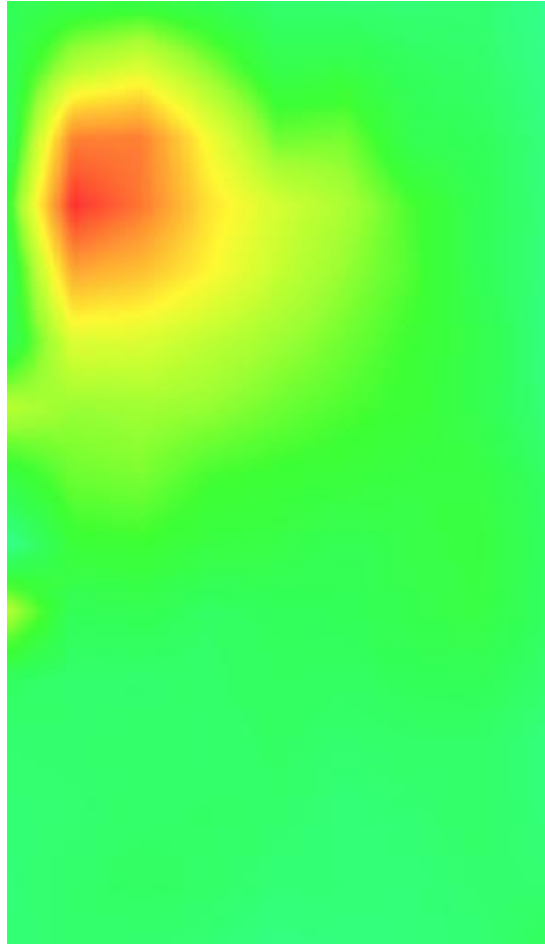
Maximum location: X=-28.00, Y=39.00

SAR Peak: 0.22W/kg

SAR 10g (W/Kg)	0.066465
SAR 1g (W/Kg)	0.127864

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2149	0.1267	0.0652	0.0378	0.0281



3D screen shot	Hot spot position
	

Plot 69: LTE Band41, 20MHz, Left Cheek, Middle

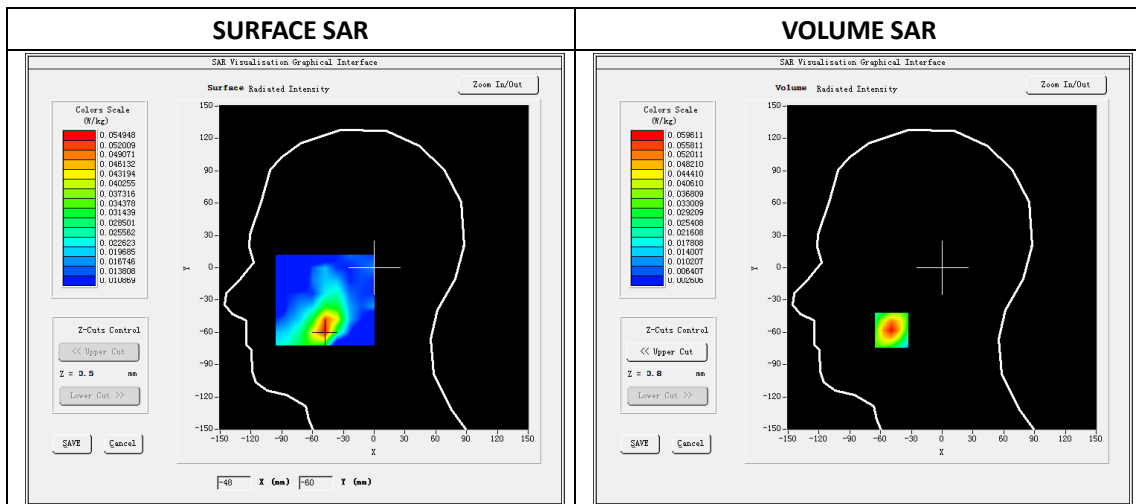
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 35 seconds
 Mobile Phone IMEI number: --

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 41
Channels	39150
Signal	LTE (Duty cycle: 63%)

B. SAR Measurement Results

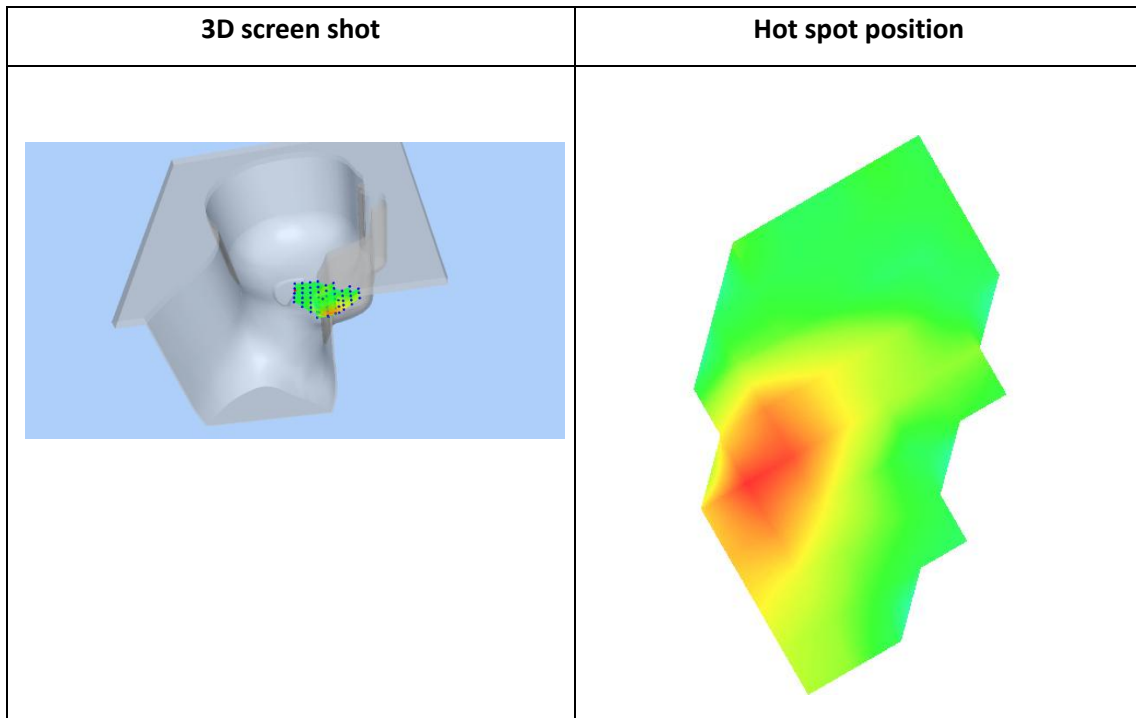
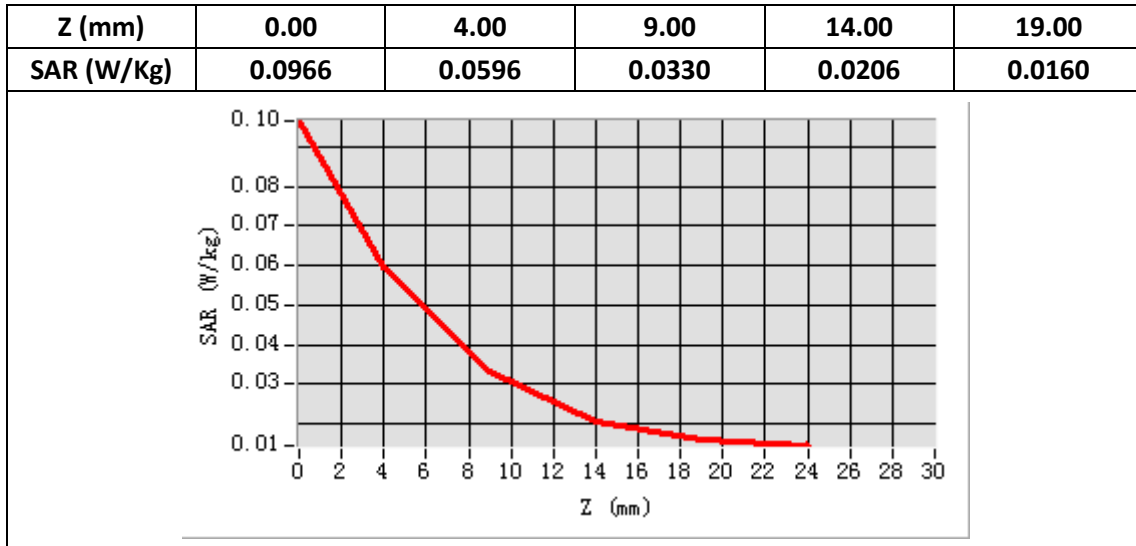
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2350
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.81
Variation (%)	-2.23
ConvF:	2.37



Maximum location: X=-49.00, Y=-58.00

SAR Peak: 0.10W/kg

SAR 10g (W/Kg)	0.031783
SAR 1g (W/Kg)	0.055932



Plot 70: LTE Band41, 20MHz, Back, Middle,10mm

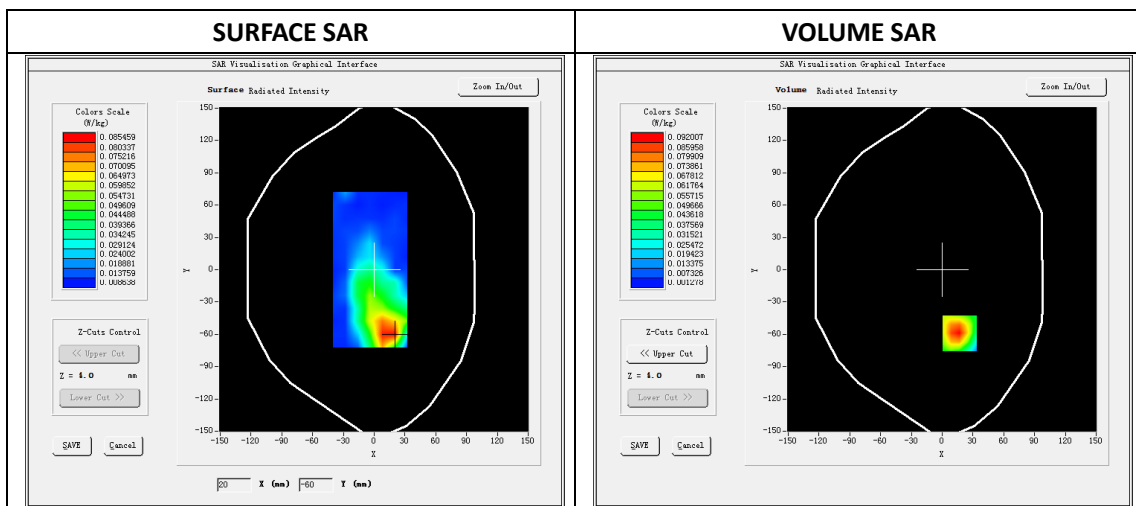
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 08 seconds
 Mobile Phone IMEI number: --

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 41
Channels	39150
Signal	LTE (Duty cycle: 63%)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2350
Relative permittivity (real part)	52.61
Relative permittivity (imaginary part)	14.17
Conductivity (S/m)	1.93
Variation (%)	-1.26
ConvF:	2.46

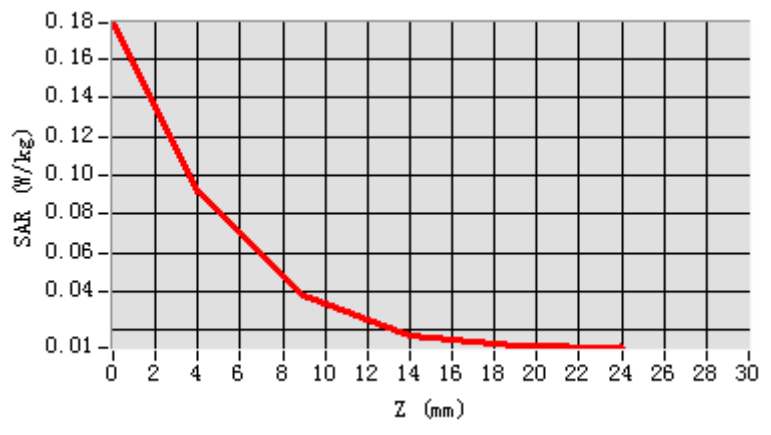


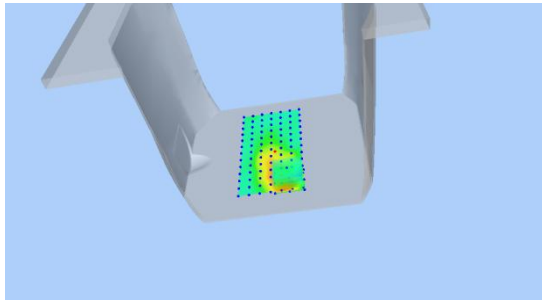
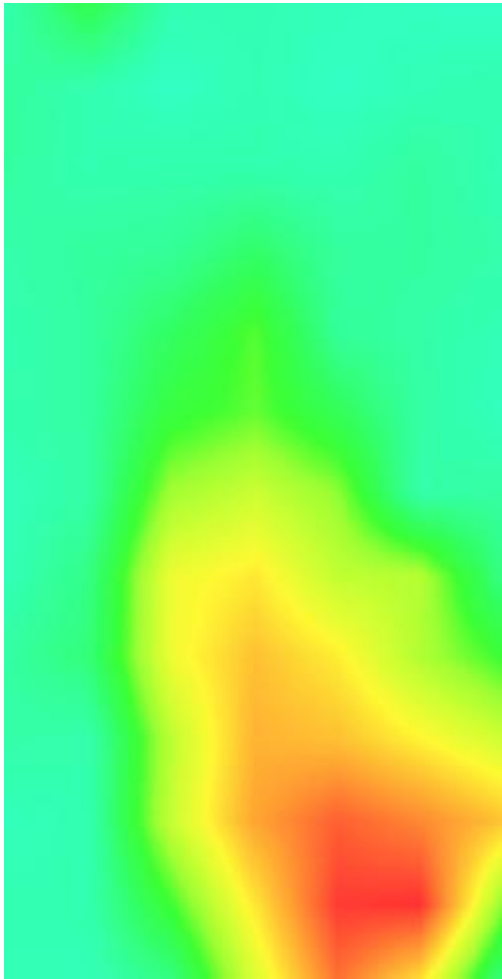
Maximum location: X=17.00, Y=-59.00

SAR Peak: 0.18W/kg

SAR 10g (W/Kg)	0.044627
SAR 1g (W/Kg)	0.088687

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1787	0.0920	0.0376	0.0172	0.0117



3D screen shot	Hot spot position
	

Plot 71: LTE Band66, 20MHz,Right Cheek, Middle

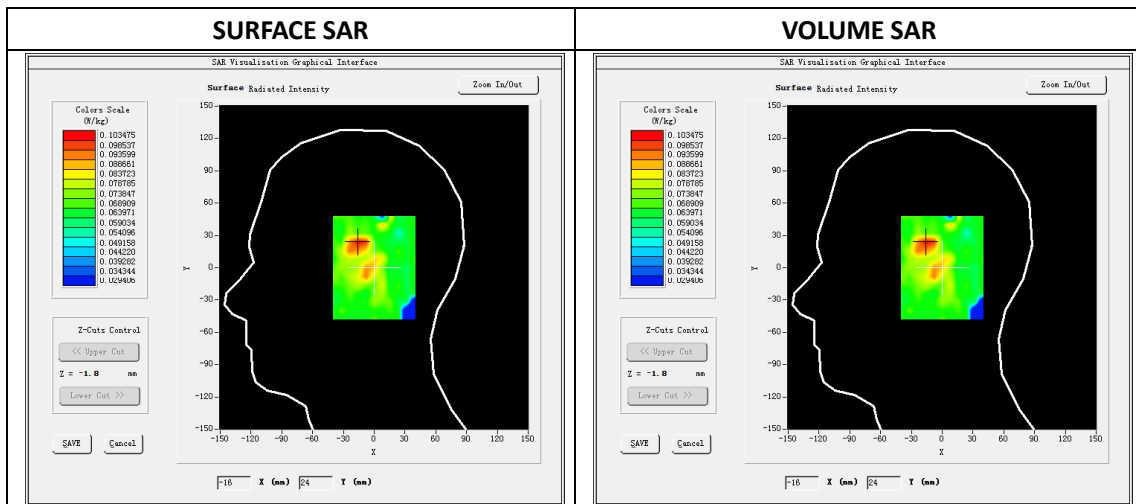
Type: Phone measurement
 Date of measurement: 03/17/2019
 Measurement duration: 22 minutes 11 seconds
 Mobile Phone IMEI number: --

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	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)	40.34
Relative permittivity (imaginary part)	13.10
Conductivity (S/m)	1.31
Variation (%)	-3.31
ConvF:	5.73

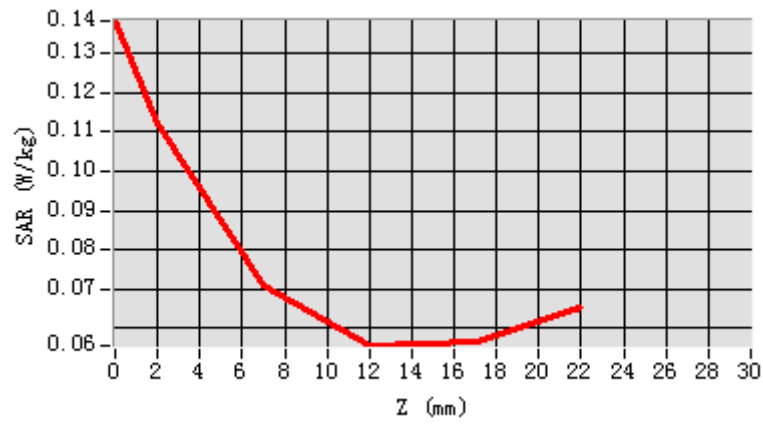


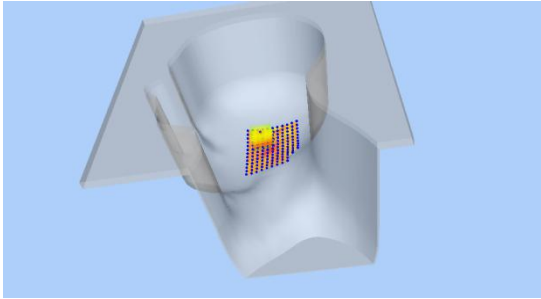
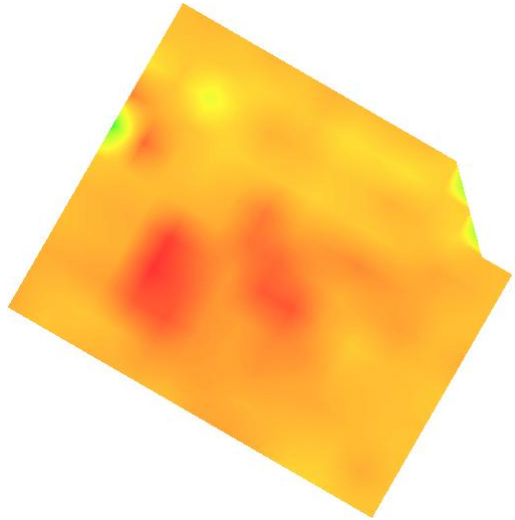
Maximum location: X=-15.00, Y=23.00

SAR Peak: 0.17W/kg

SAR 10g (W/Kg)	0.075332
SAR 1g (W/Kg)	0.106716

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.1381	0.1121	0.0710	0.0557	0.0566



3D screen shot	Hot spot position
	

Plot 72: LTE Band66, 20MHz, Back, Middle,10mm

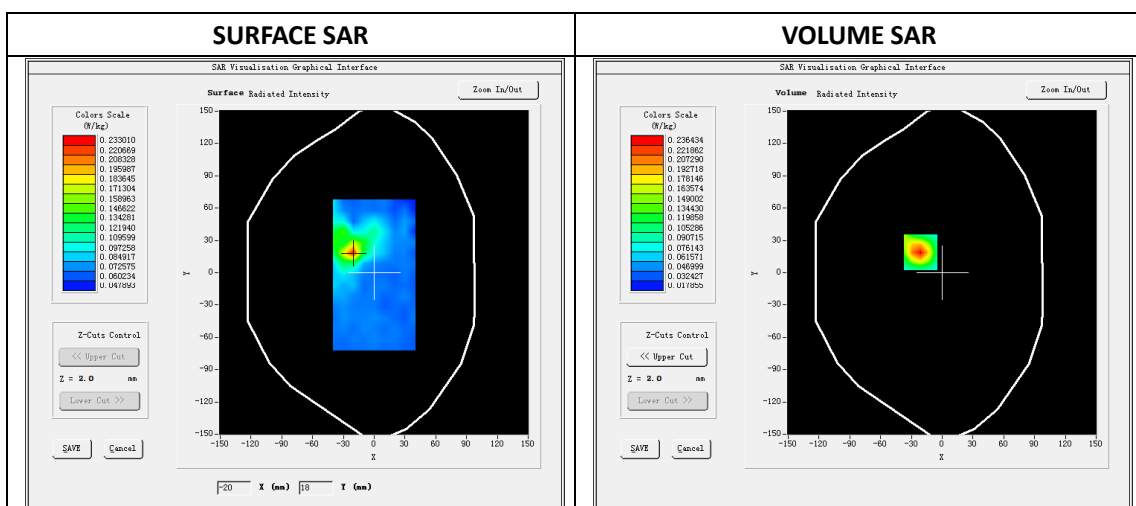
Type: Phone measurement
 Date of measurement: 03/17/2019
 Measurement duration: 22 minutes 44 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	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)	55.39
Relative permittivity (imaginary part)	15.20
Conductivity (S/m)	1.52
Variation (%)	-2.01
ConvF:	2.14

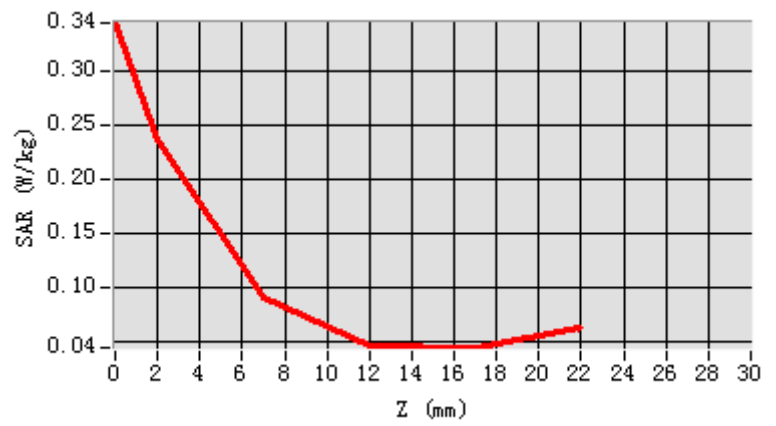


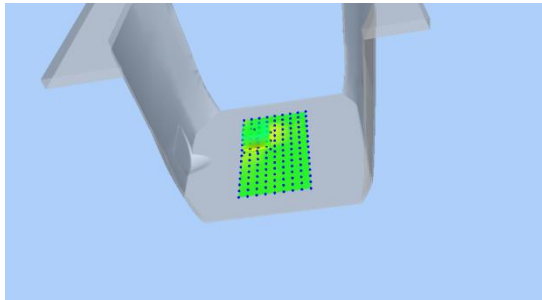
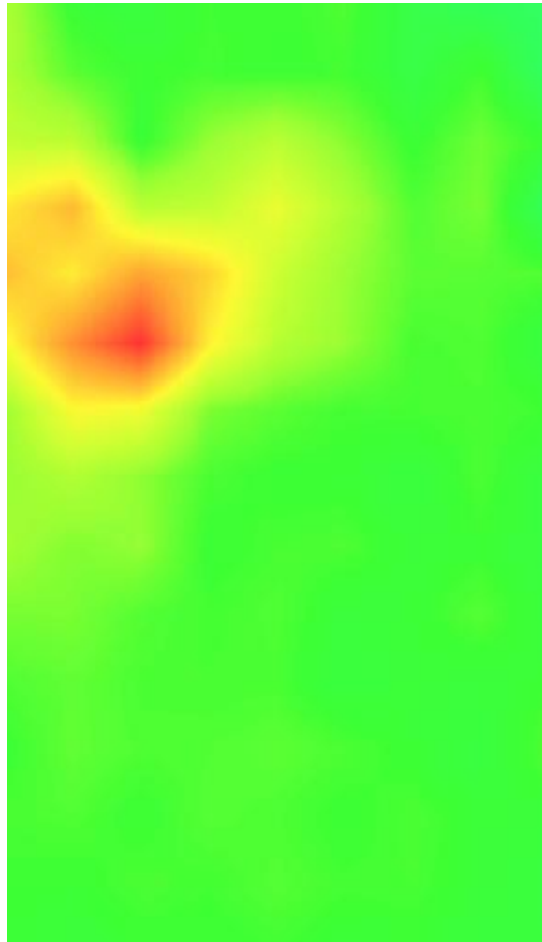
Maximum location: X=-21.00, Y=19.00

SAR Peak: 0.35W/kg

SAR 10g (W/Kg)	0.092364
SAR 1g (W/Kg)	0.163748

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.3435	0.2364	0.0894	0.0446	0.0436



3D screen shot	Hot spot position
	

Plot 73: Wi-Fi 802.11n-40-A0+1, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 03/19/2019

Measurement duration: 22 minutes 12 seconds

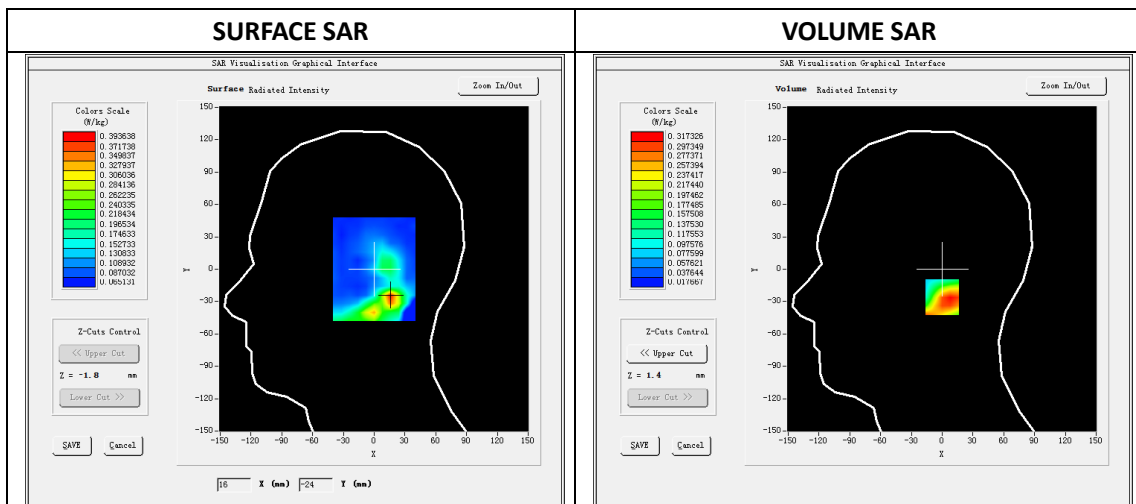
Mobile Phone IMEI number: --

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	WIFI
Channels	6
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

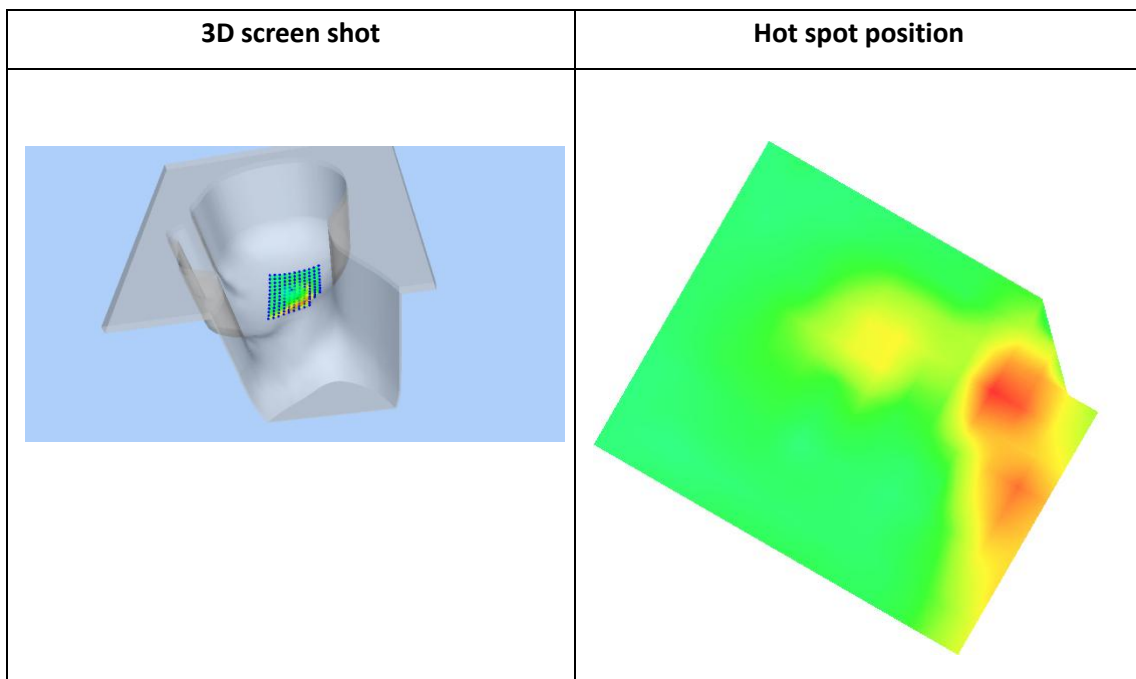
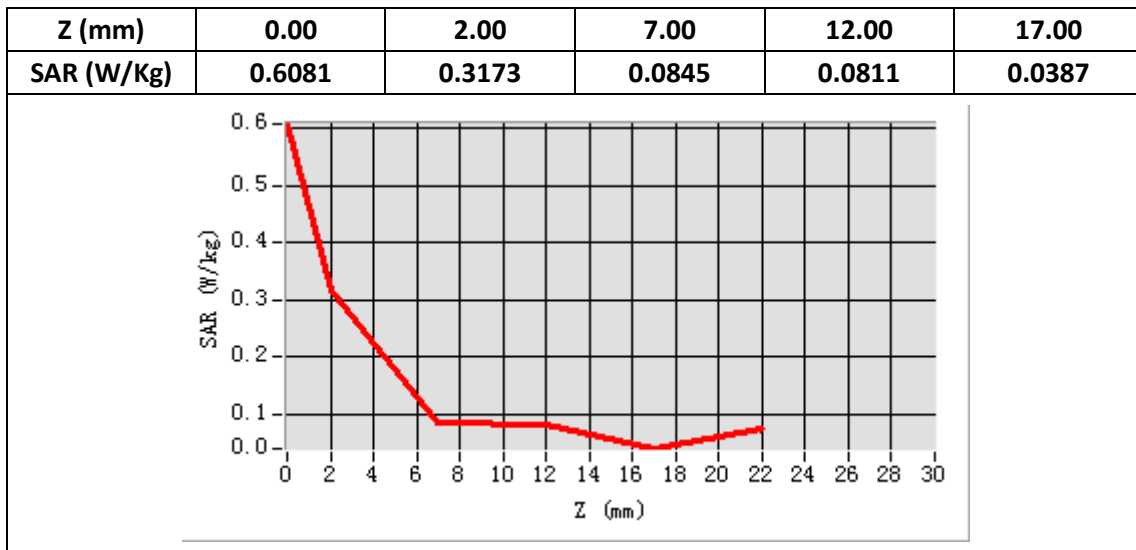
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.81
Variation (%)	1.88
ConvF:	2.37



Maximum location: X=8.00, Y=-26.00

SAR Peak: 0.64W/kg

SAR 10g (W/Kg)	0.222305
SAR 1g (W/Kg)	0.414021



Plot 74: Wi-Fi 802.11n-40-A0+1,Back ,Middle, 10mm

Type: Phone measurement

Date of measurement: 03/19/2019

Measurement duration: 22 minutes 28 seconds

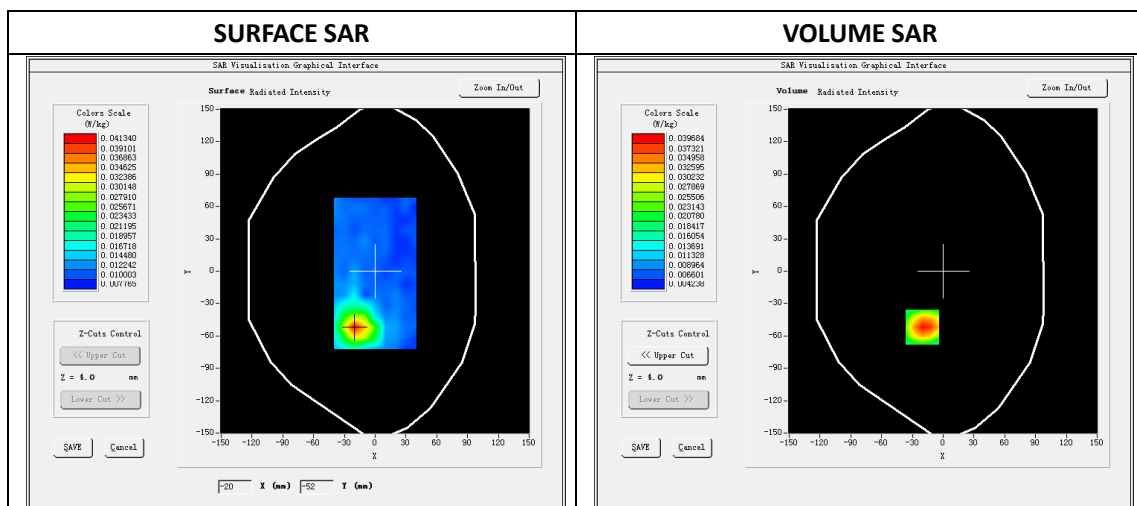
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

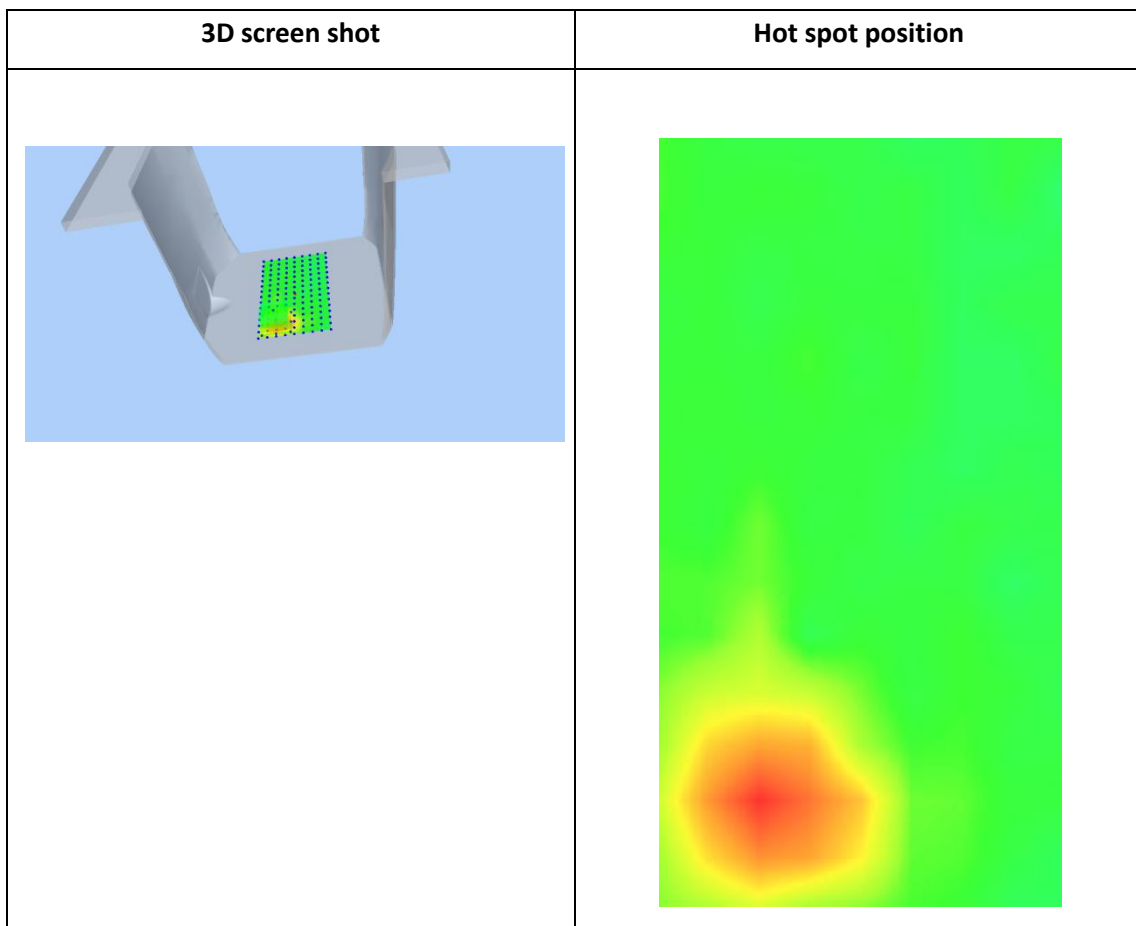
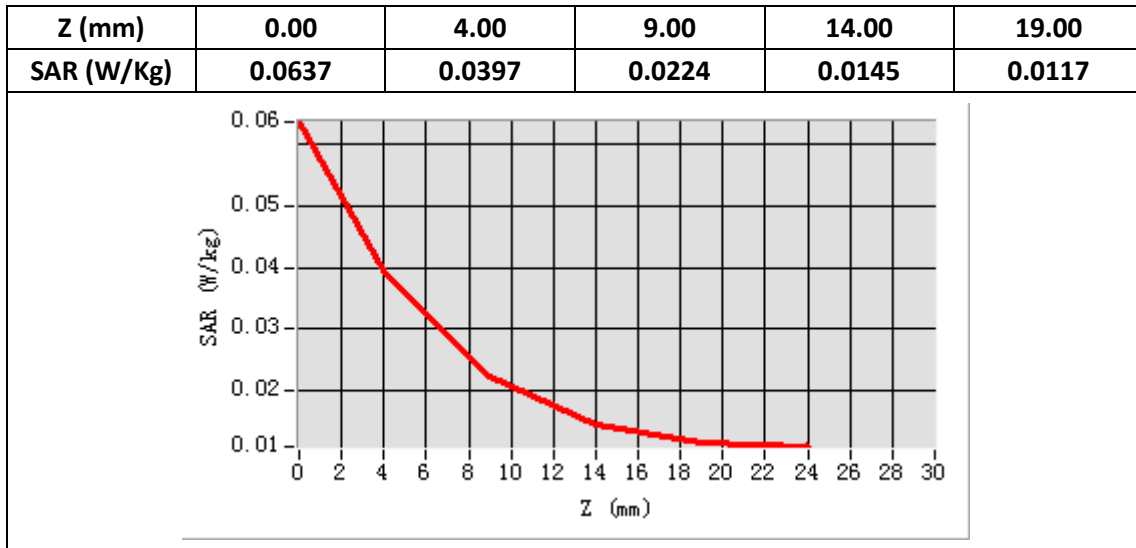
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	52.61
Relative permittivity (imaginary part)	14.17
Conductivity (S/m)	1.93
Variation (%)	-2.02
ConvF:	2.46



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

SAR Peak: 0.35W/kg

SAR 10g (W/Kg)	0.031541
SAR 1g (W/Kg)	0.062417



Plot 75: Wi-Fi 802.11ac-VHT40-A0, BACK,5190

Type: Phone measurement

Date of measurement: 03/25/2019

Measurement duration: 22 minutes 26 seconds

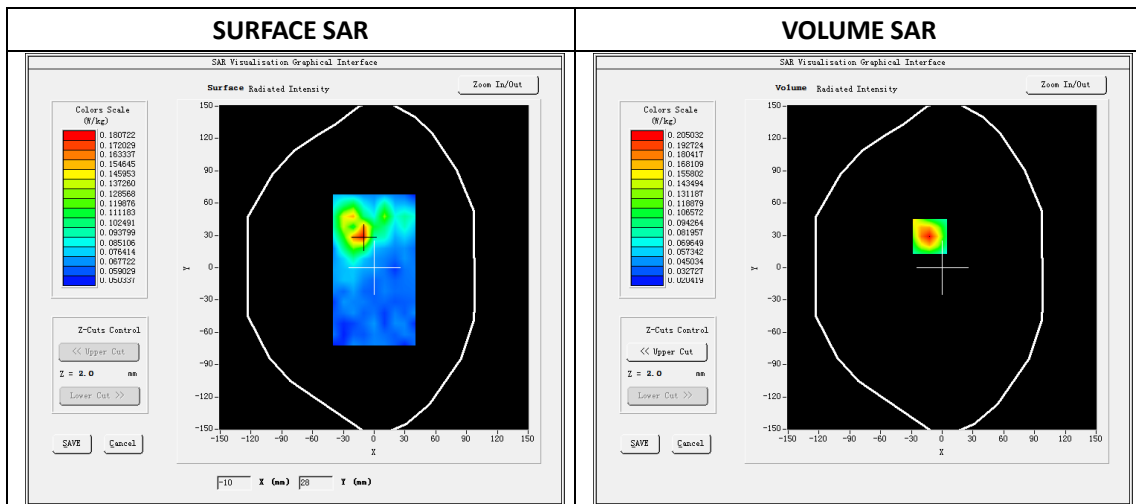
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Back
Band	Wi-Fi 802.11ACVHT40-0
Channels	38
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

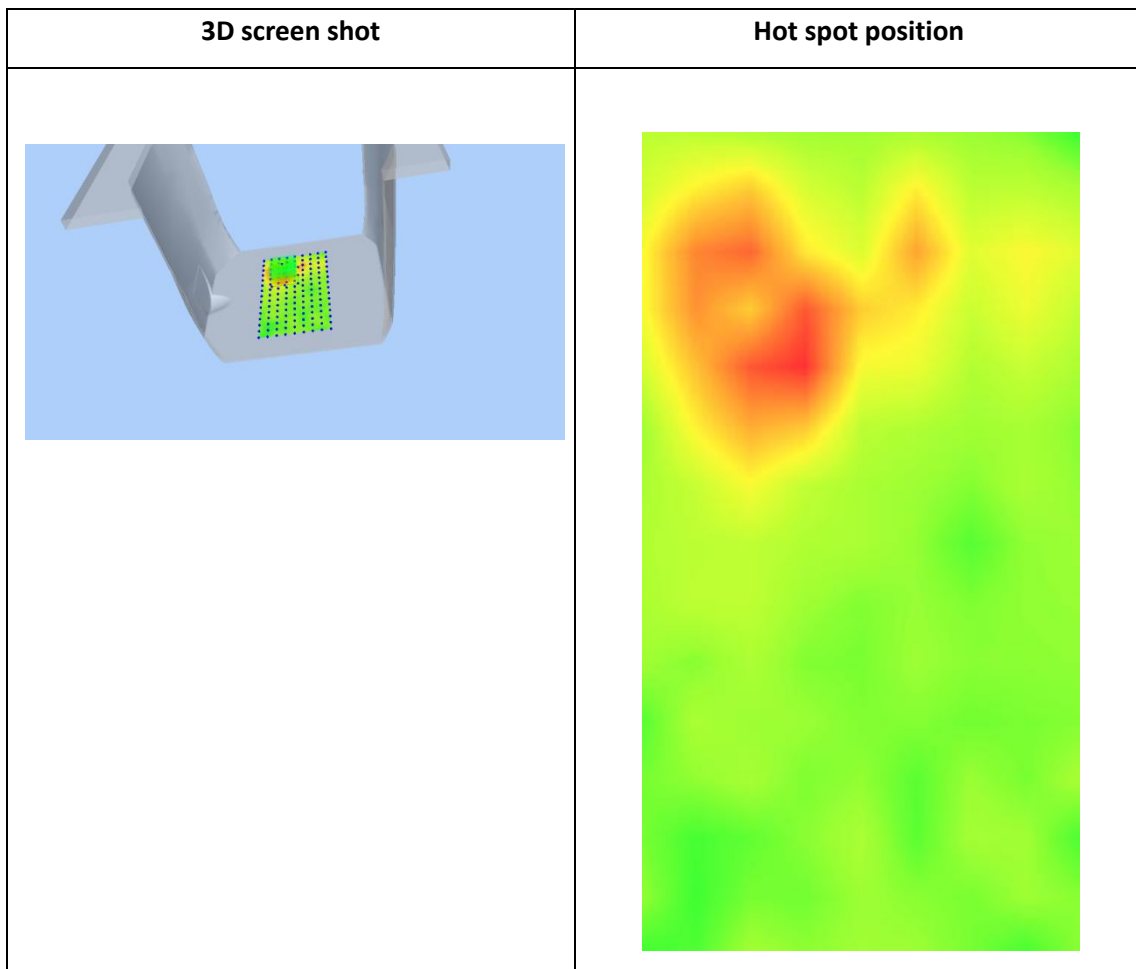
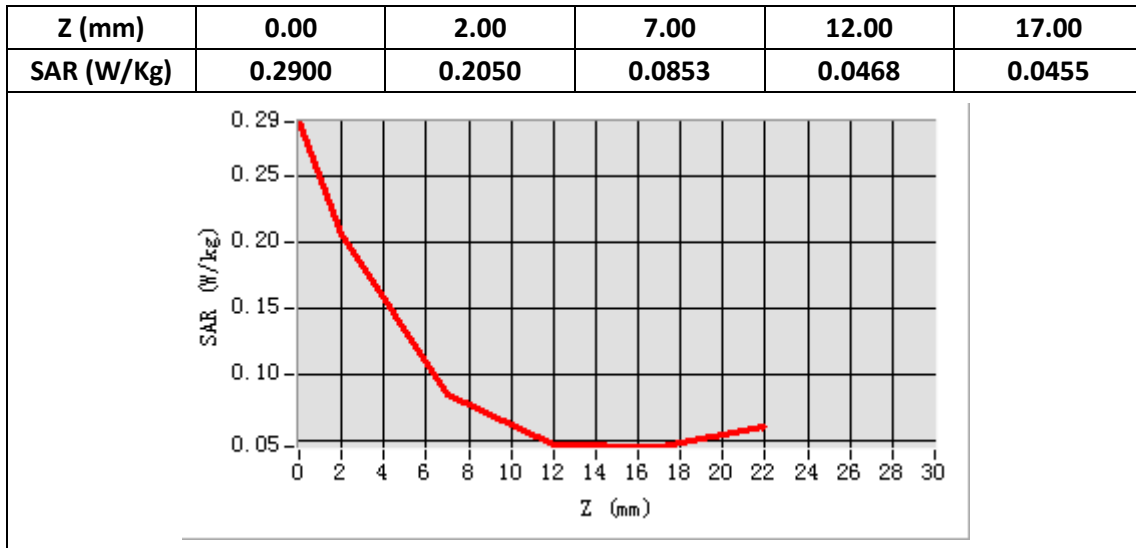
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5190
Relative permittivity (real part)	49.12
Relative permittivity (imaginary part)	18.38
Conductivity (S/m)	5.31
Variation (%)	-0.61
ConvF:	2.21



Maximum location: X=-12.00, Y=29.00

SAR Peak: 0.29W/kg

SAR 10g (W/Kg)	0.113811
SAR 1g (W/Kg)	0.181354



Plot 76: Wi-Fi 802.11 n-HT40-A0,Right Cheek Middle

Type: Phone measurement

Date of measurement: 03/25/2019

Measurement duration: 22 minutes 43 seconds

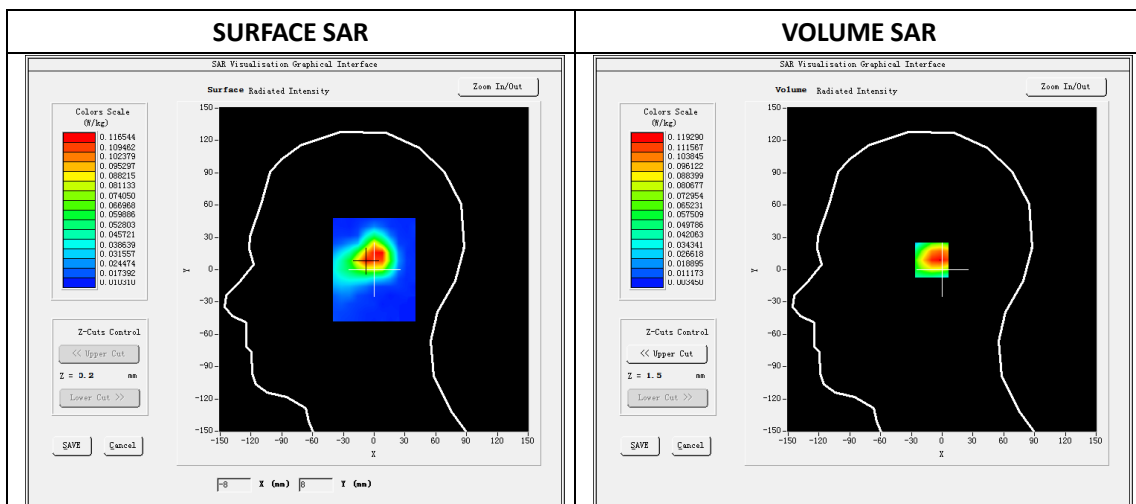
Mobile Phone IMEI number: --

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
Channels	54
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

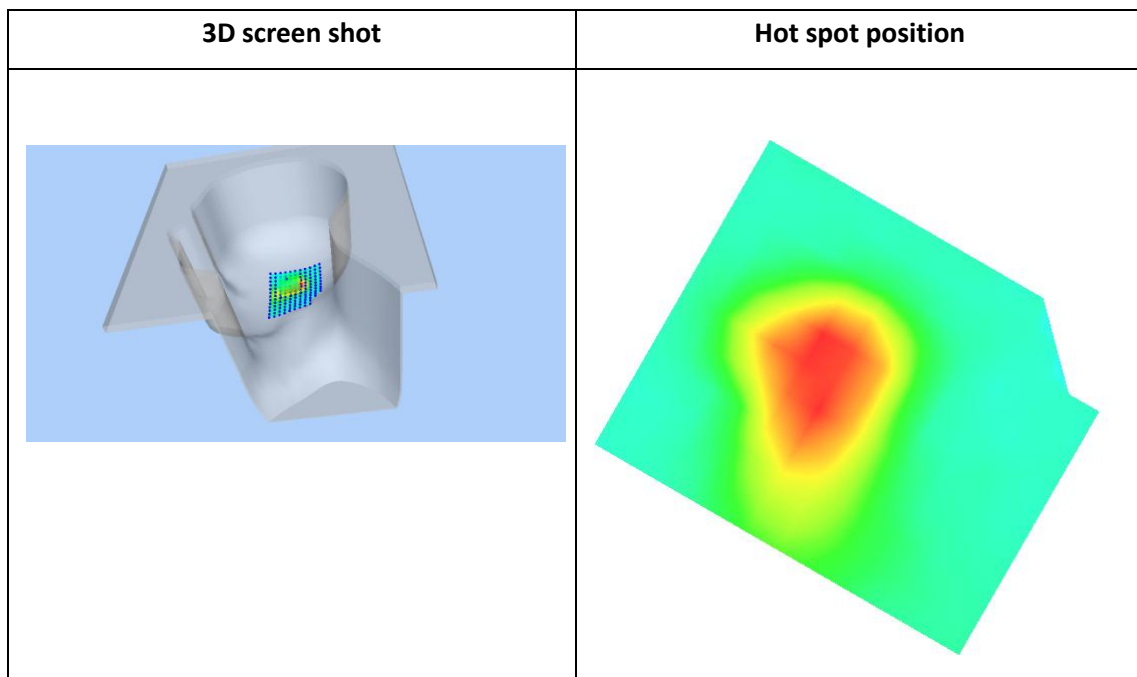
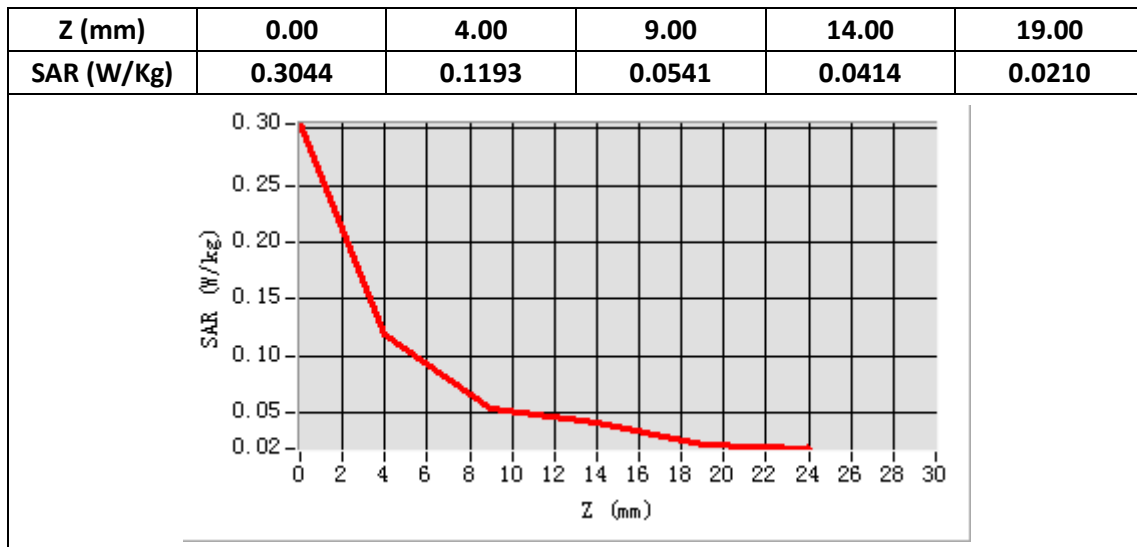
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5270
Relative permittivity (real part)	35.71
Relative permittivity (imaginary part)	16.03
Conductivity (S/m)	4.81
Variation (%)	4.48
ConvF:	2.10



Maximum location: X=-7.00, Y=9.00

SAR Peak: 0.24W/kg

SAR 10g (W/Kg)	0.175194
SAR 1g (W/Kg)	0.384284



Plot 77: BT 3.0 GFSK ,Right Cheek, High

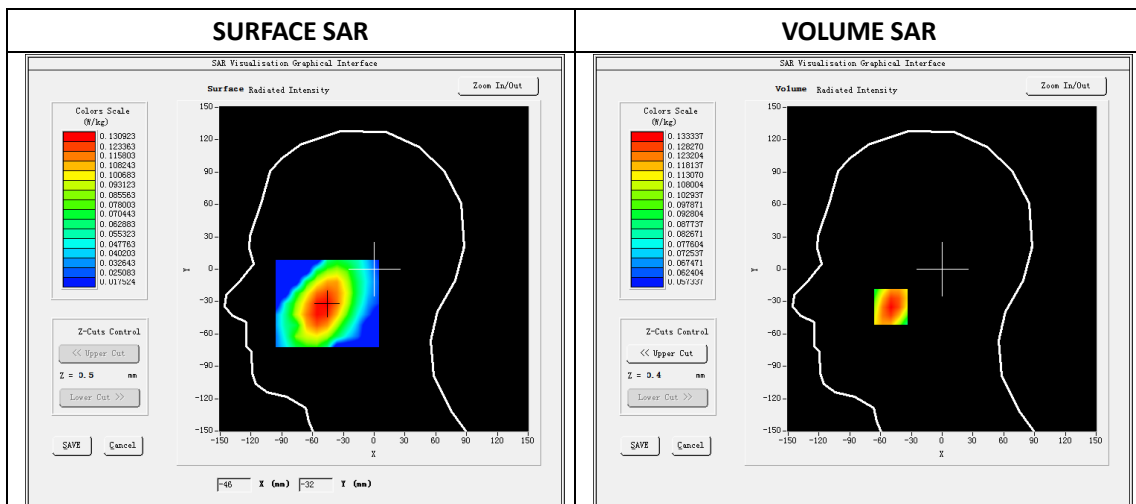
Type: Phone measurement
 Date of measurement: 03/19/2019
 Measurement duration: 22 minutes 56 seconds
 Mobile Phone IMEI number: --

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	BT
Channels	78
Signal	GFSK

B. SAR Measurement Results

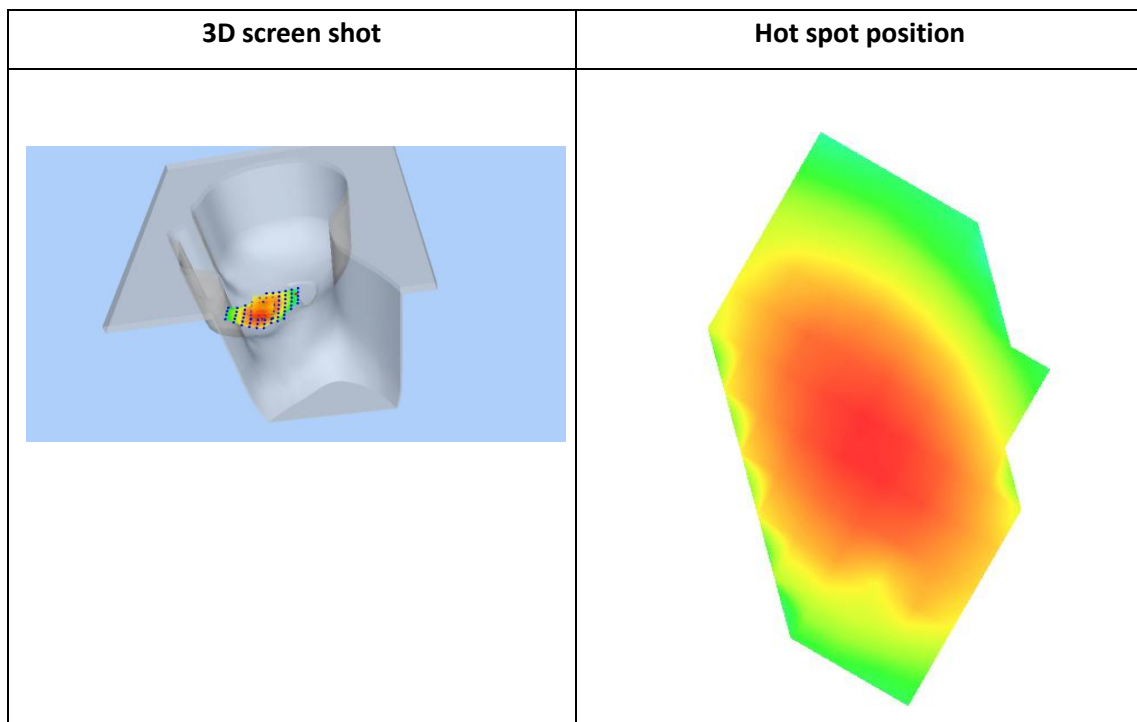
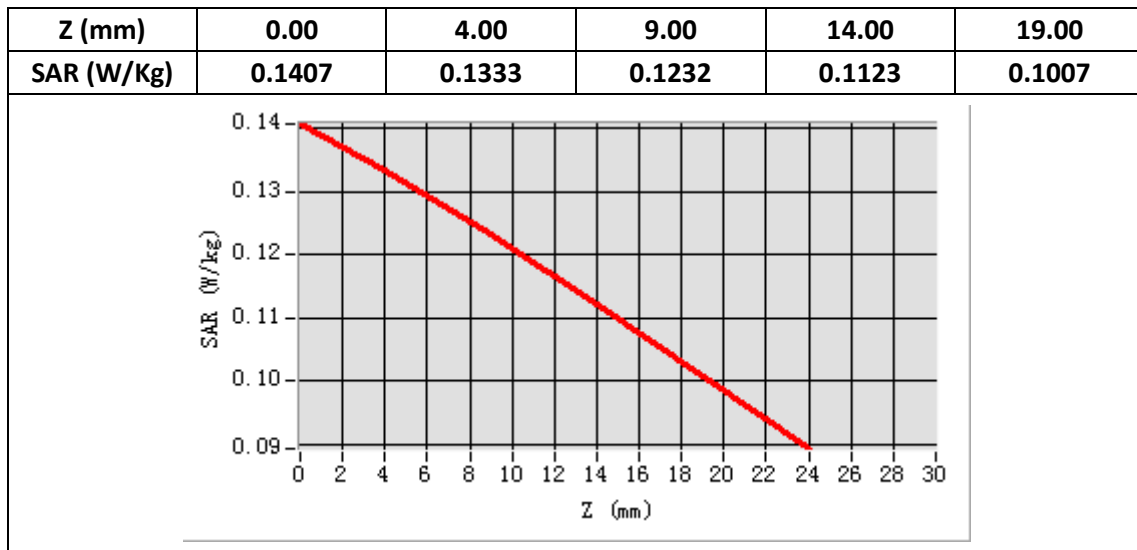
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2480
Relative permittivity (real part)	39.26
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.81
Variation (%)	-2.95
ConvF:	2.37



Maximum location: X=-50.00, Y=-35.00

SAR Peak: 0.14W/kg

SAR 10g (W/Kg)	0.093333
SAR 1g (W/Kg)	0.114317



Plot 78: BT 3.0 GFSK, Back,High, 10mm

Type: Phone measurement

Date of measurement: 03/19/2019

Measurement duration: 22 minutes 43 seconds

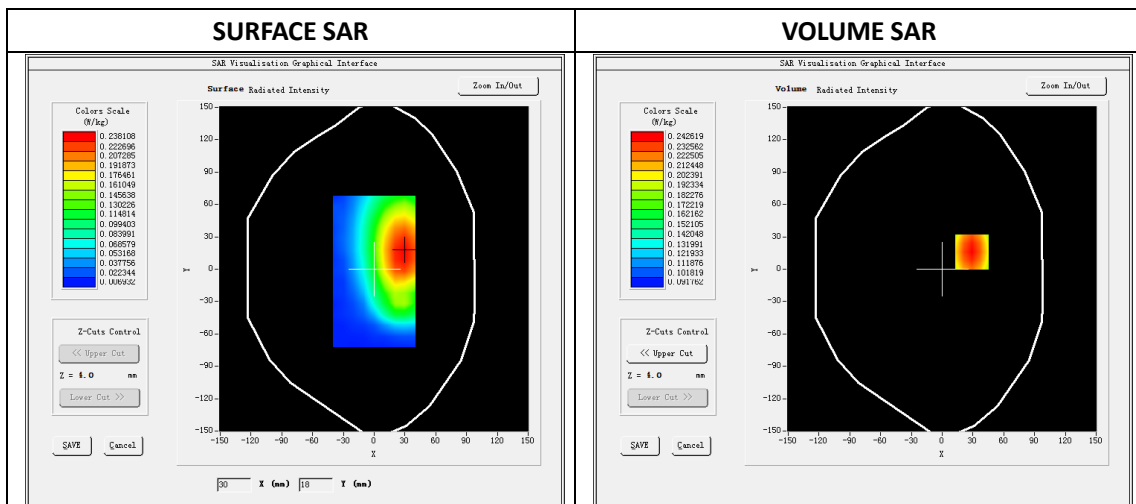
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Middle
Band	BT
Channels	78
Signal	GFSK

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2480
Relative permittivity (real part)	52.61
Relative permittivity (imaginary part)	14.17
Conductivity (S/m)	1.93
Variation (%)	-4.70
ConvF:	2.46



Maximum location: X=29.00, Y=16.00

SAR Peak: 0.28W/kg

SAR 10g (W/Kg)	0.075685
SAR 1g (W/Kg)	0.135965

