

## Appendix B: SAR Measurement results Plots

<b>Plot</b>	<b>Frequency/Mode</b>	<b>Testing Position and Channel</b>	<b>Test Date</b>
1	GSM850	Left Cheek Middle	2020/05/14
2	GSM850/GPRS4Tx	Body Back, Middle ,10mm	2020/05/14
3	GSM1900	Left Cheek Middle	2020/05/17
4	GSM1900/GPRS4Tx	Body Back, Middle ,10mm	2020/05/17
5	WCDMA850	Left Tilt15 °Middle	2020/05/14
6	WCDMA850	Body Back, Middle ,10mm	2020/05/14
7	LTE Band5	Left Cheek Middle	2020/05/14
8	LTE Band5	Body Back, Middle ,10mm	2020/05/14
9	LTE Band17	Left Cheek Middle	2020/05/13
10	LTE Band17	Body Back, Middle ,10mm	2020/05/13
11	WIFI 2.4G	Left Cheek Middle	2020/05/18
12	WIFI 2.4G	Edge A, Middle ,10mm	2020/05/18
13	WIFI 5G	Left Cheek Middle	2020/05/19
14	WIFI 5G	Body Back, Middle ,10mm	2020/05/19
15	BT	Right Cheek Middle	2020/05/18
16	BT	Body Back, Middle ,10mm	2020/05/18

## Plot 1: GSM850, Left Cheek, Middle

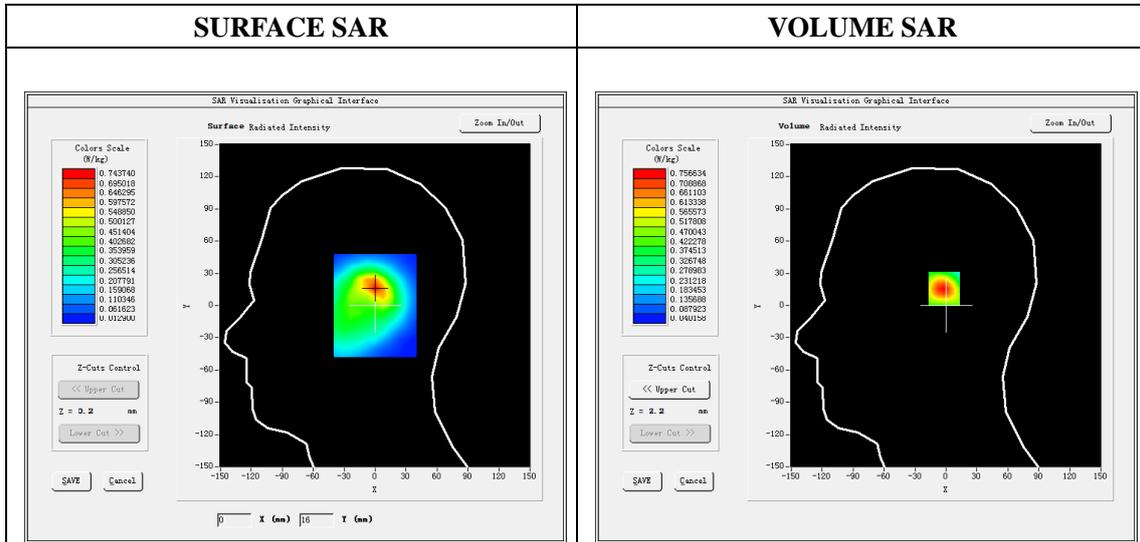
Type: Phone measurement  
 Date of measurement: 05/14/2020  
 Measurement duration: 22 minutes 05 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	41.53
<b>Relative permittivity (imaginary part)</b>	19.48
<b>Conductivity (S/m)</b>	0.92
<b>Variation (%)</b>	-0.66
<b>ConvF:</b>	1.60

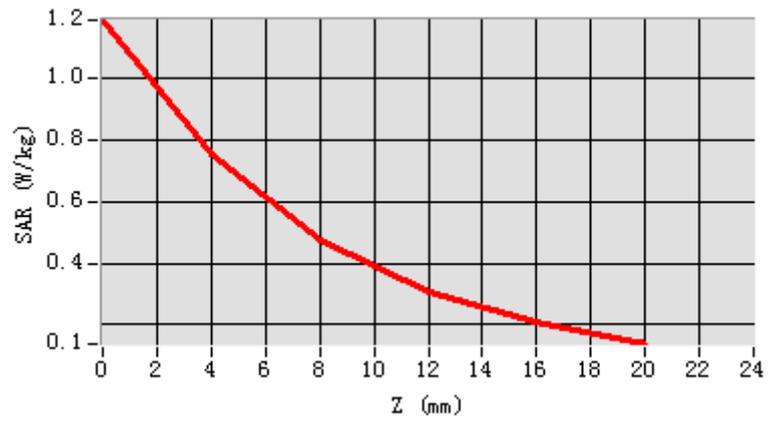


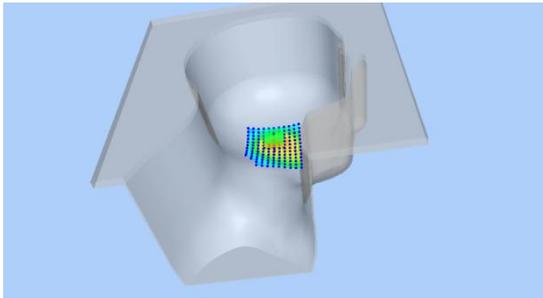
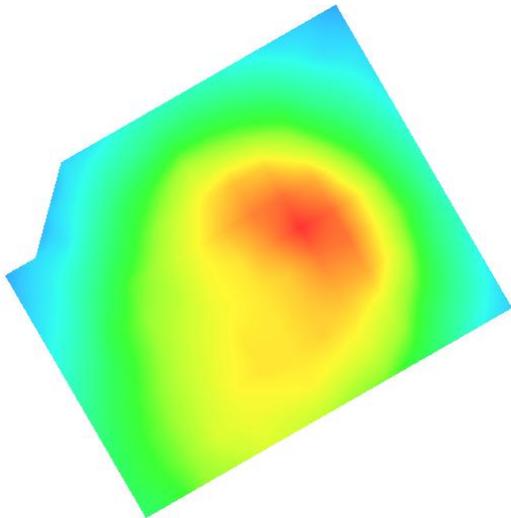
**Maximum location: X=0.00, Y=16.00**

**SAR Peak: 1.19W/kg**

<b>SAR 10g (W/Kg)</b>	0.385075
<b>SAR 1g (W/Kg)</b>	0.697762

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1884	0.7566	0.4777	0.3074	0.2058



3D screen shot	Hot spot position
	

## Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/14/2020

Measurement duration: 22 minutes 02 seconds

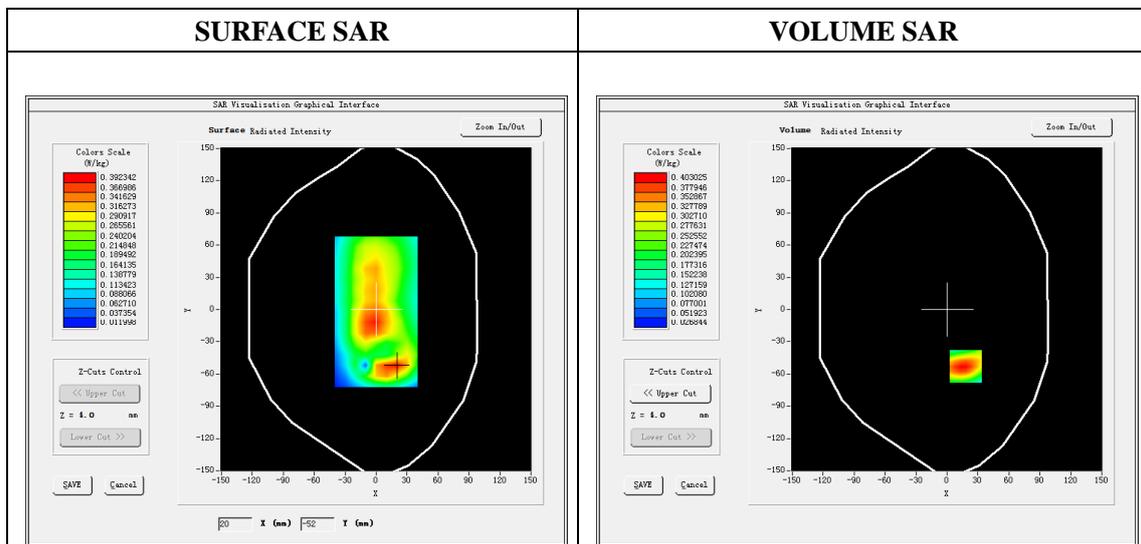
Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	55.20
<b>Relative permittivity (imaginary part)</b>	20.91
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	-1.48
<b>ConvF:</b>	1.64

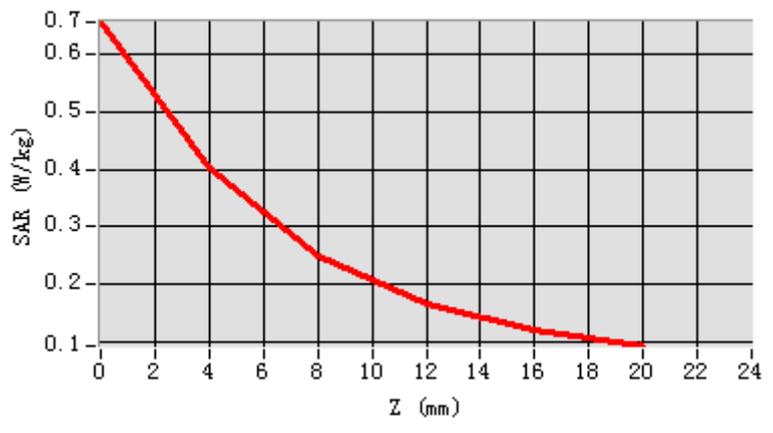


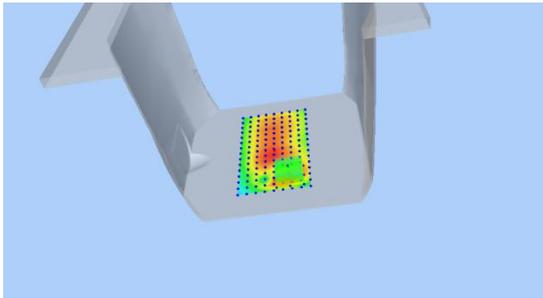
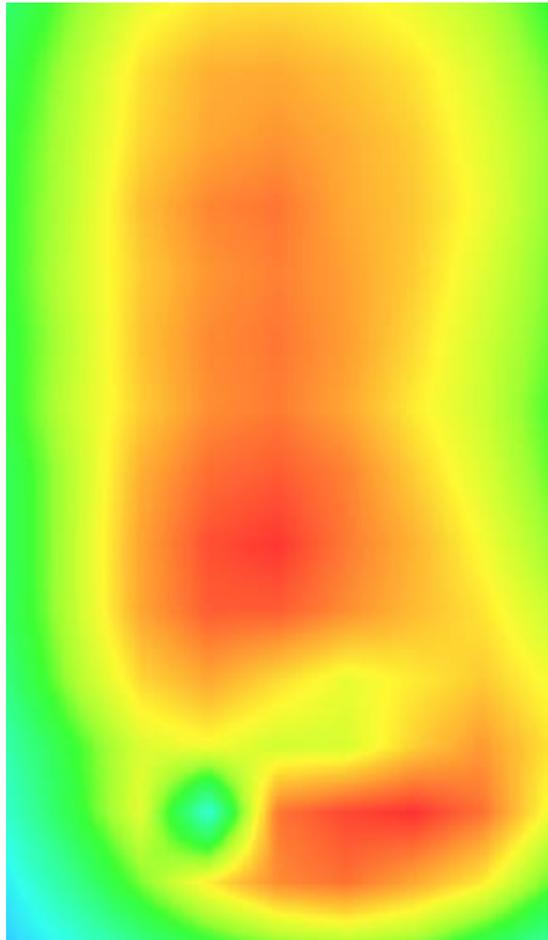
**Maximum location: X=18.00, Y=-53.00**

**SAR Peak: 0.66 W/kg**

<b>SAR 10g (W/Kg)</b>	0.214564
<b>SAR 1g (W/Kg)</b>	0.377565

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>8.00</b>	<b>12.00</b>	<b>16.00</b>
<b>SAR (W/Kg)</b>	<b>0.6577</b>	<b>0.4030</b>	<b>0.2486</b>	<b>0.1629</b>	<b>0.1184</b>



3D screen shot	Hot spot position
	

### Plot 3: GSM1900, Left Cheek, Middle

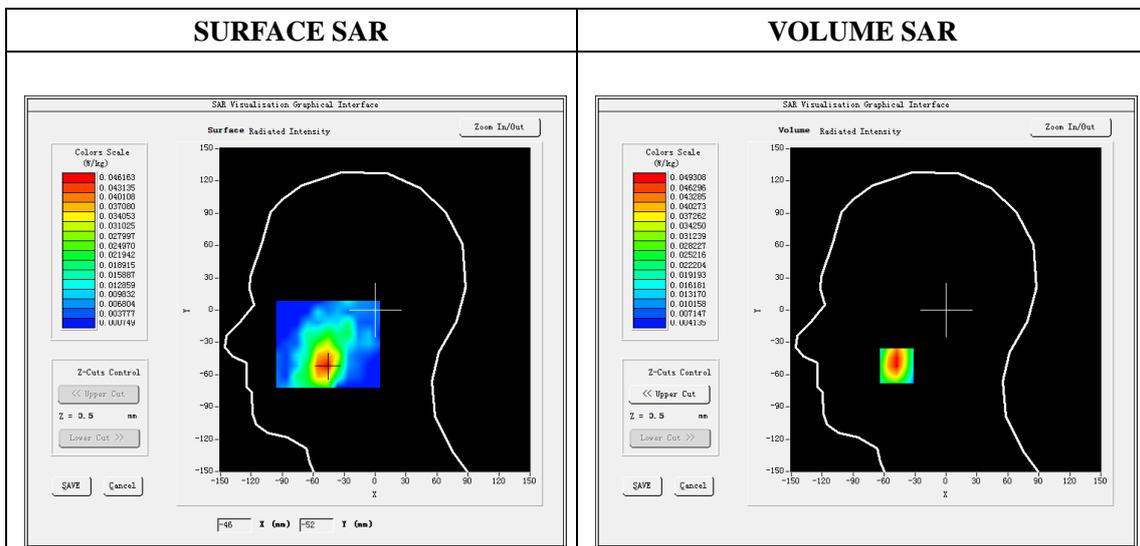
Type: Phone measurement  
 Date of measurement: 05/17/2020  
 Measurement duration: 22 minutes 01 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	40.46
<b>Relative permittivity (imaginary part)</b>	13.26
<b>Conductivity (S/m)</b>	1.40
<b>Variation (%)</b>	-3.33
<b>ConvF:</b>	2.03

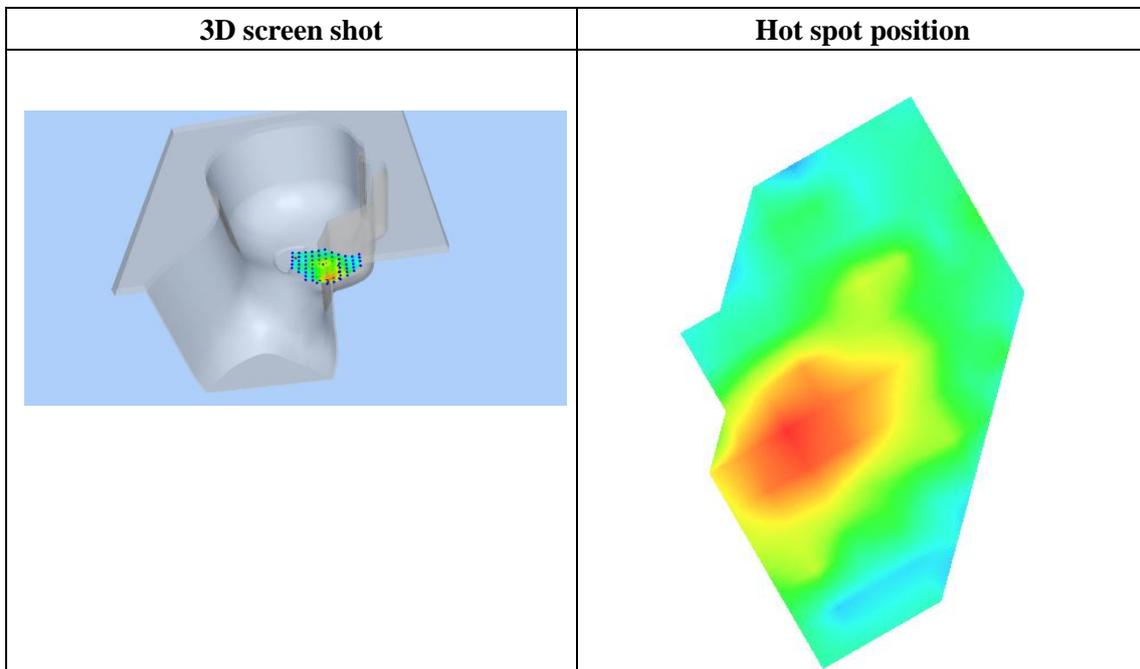
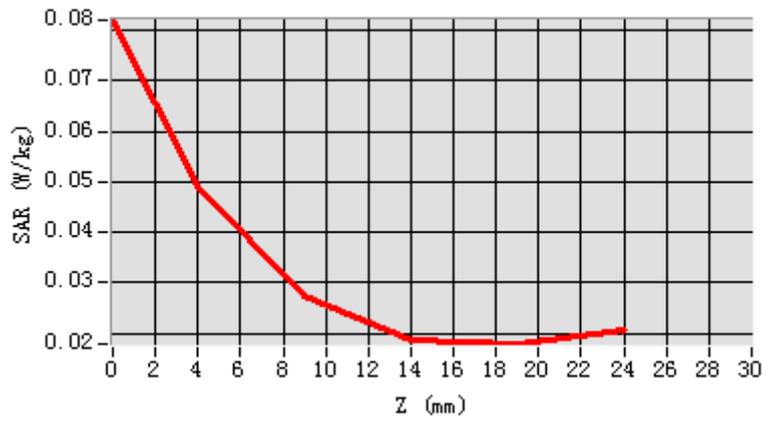


**Maximum location: X=-48.00, Y=-52.00**

**SAR Peak: 0.08 W/kg**

<b>SAR 10g (W/Kg)</b>	0.029949
<b>SAR 1g (W/Kg)</b>	0.048711

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0820	0.0493	0.0272	0.0187	0.0179



**Plot 4: GPRS1900, Back, Middle ,10mm**

Type: Phone measurement

Date of measurement: 05/17/2020

Measurement duration: 22 minutes 03 seconds

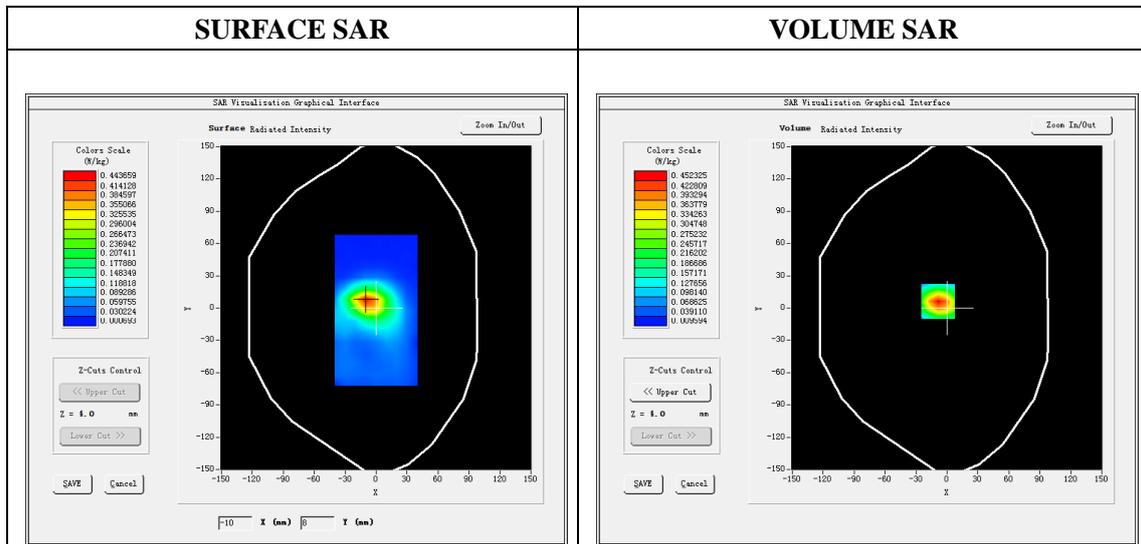
Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.27
<b>Relative permittivity (imaginary part)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	-2.85
<b>ConvF:</b>	2.08

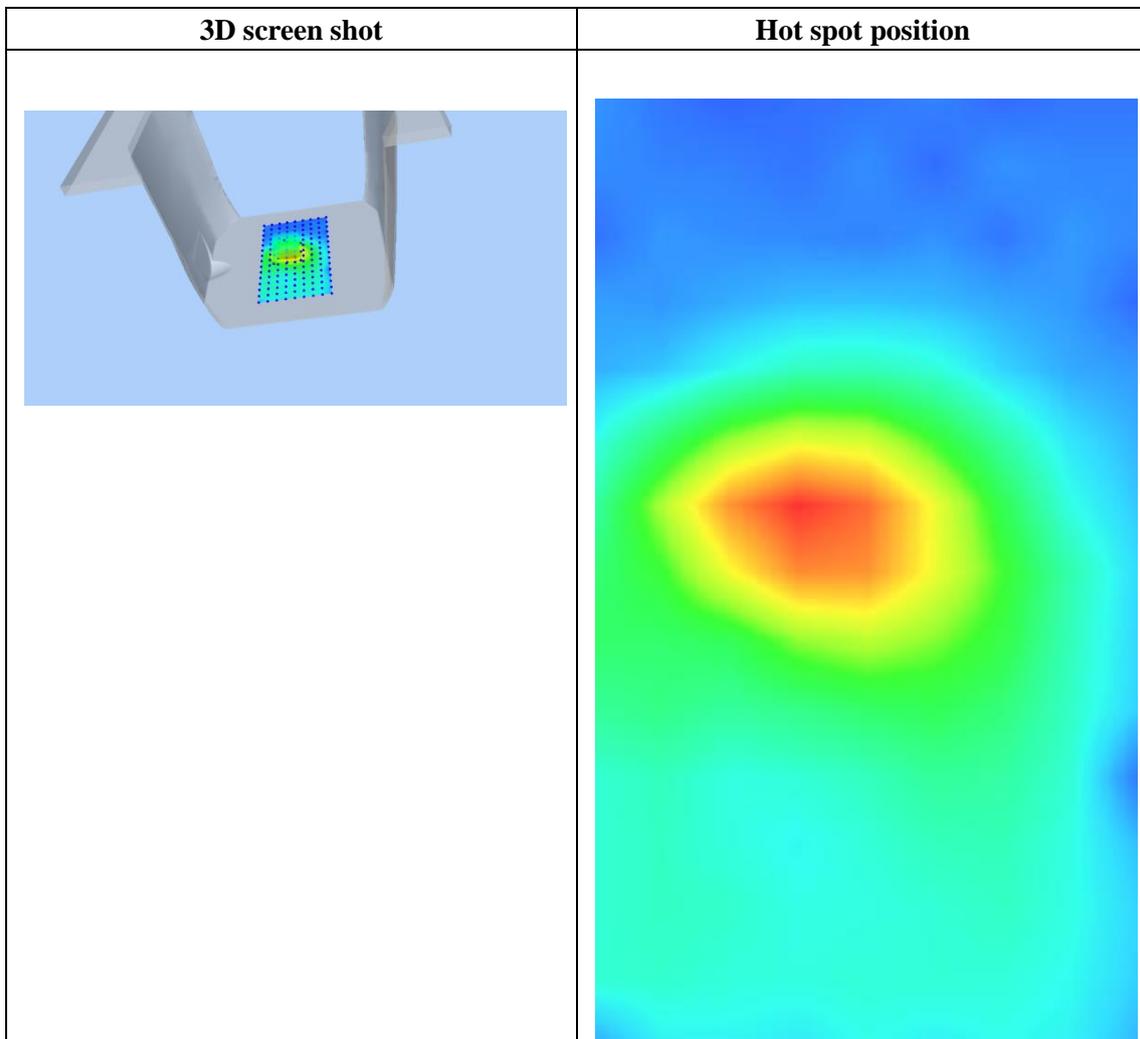
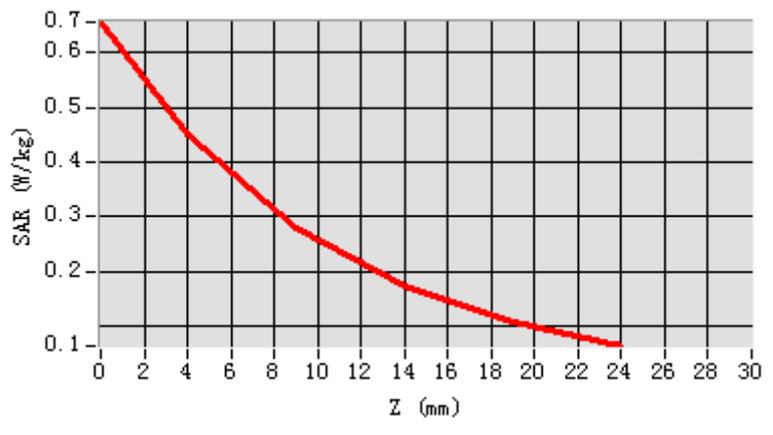


**Maximum location: X=-9.00, Y=6.00**

**SAR Peak: 0.66 W/kg**

<b>SAR 10g (W/Kg)</b>	0.225928
<b>SAR 1g (W/Kg)</b>	0.417543

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6560	0.4523	0.2792	0.1717	0.1065



## Plot 5: WCDMA850, Left Tilt15 °, Middle

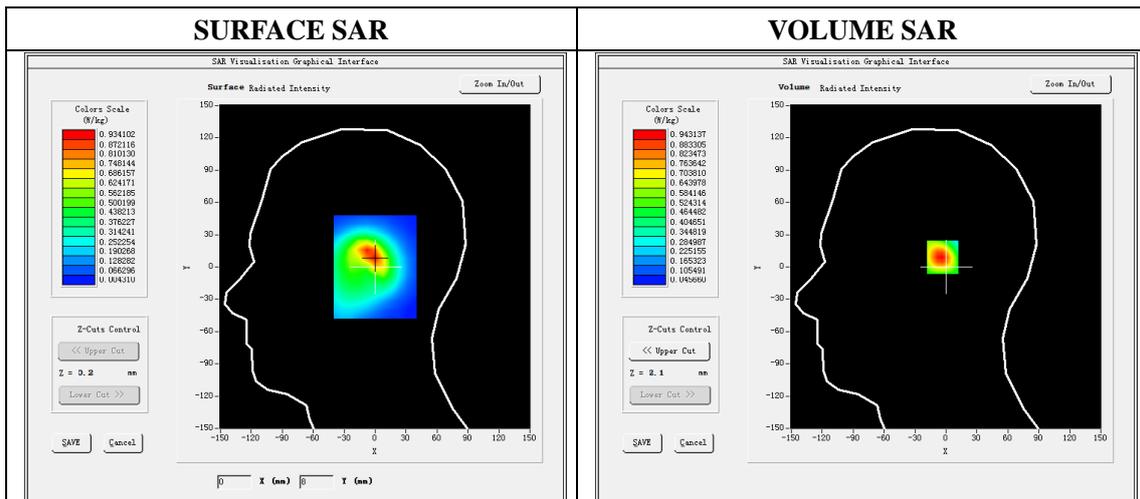
Type: Phone measurement  
 Date of measurement: 05/14/2020  
 Measurement duration: 22 minutes 09 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

<b>Area Scan</b>	dx=8mm dy=8mm
<b>ZoomScan</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Left Tilt 15 °
<b>Band</b>	Band5_WCDMA850
<b>Channels</b>	4183
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

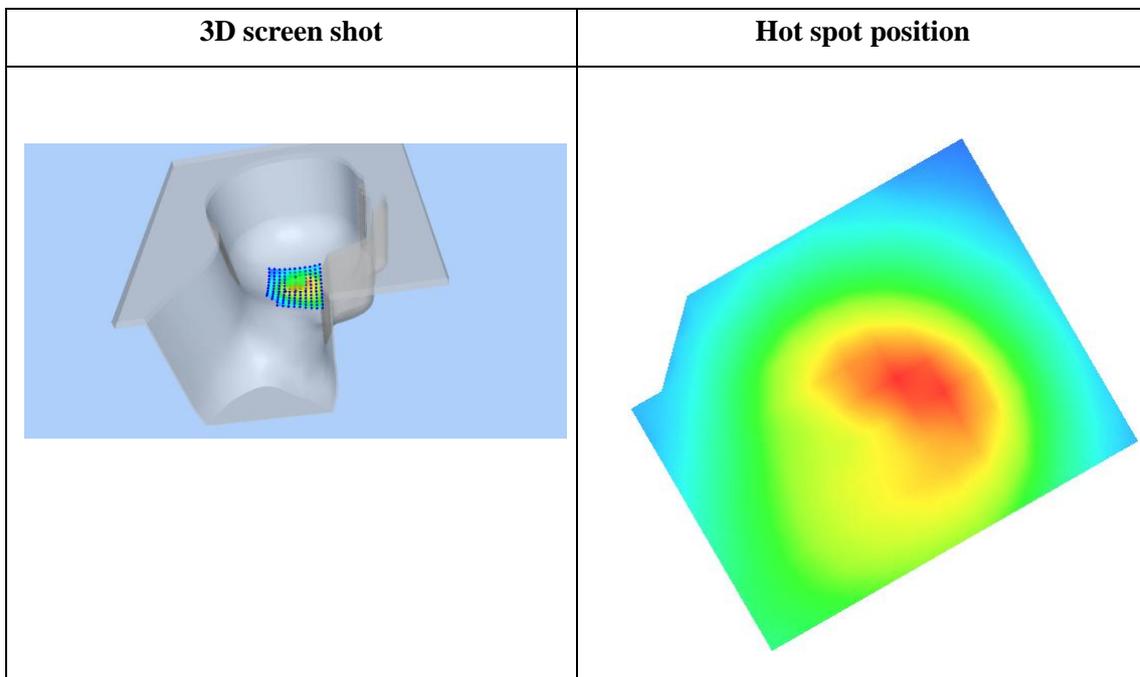
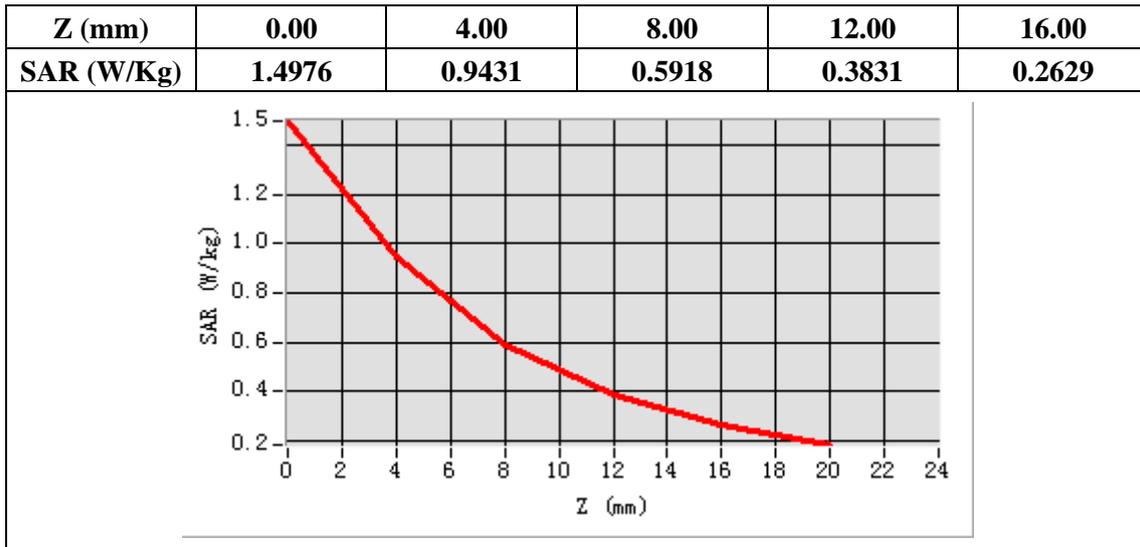
<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	41.53
<b>Relative permittivity (imaginary)</b>	19.48
<b>Conductivity (S/m)</b>	0.92
<b>Variation (%)</b>	-0.33
<b>ConvF:</b>	1.60



**Maximum location: X=-1.00, Y=9.00**

**SAR Peak: 1.50W/kg**

<b>SAR 10g (W/Kg)</b>	0.481944
<b>SAR 1g (W/Kg)</b>	0.872182



## Plot 6: WCDMA850, Back, Middle,10mm

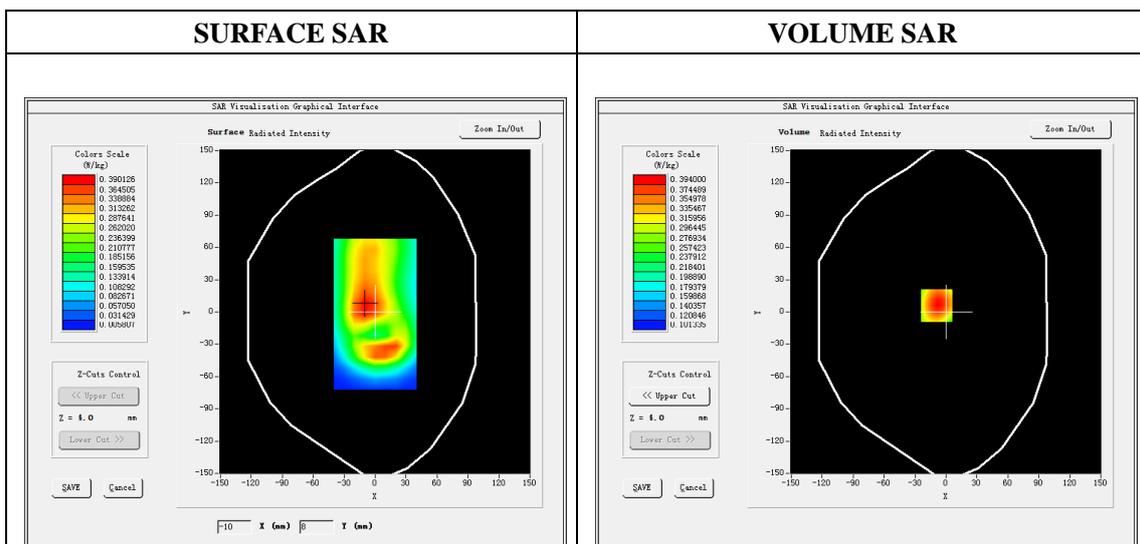
Type: Phone measurement  
 Date of measurement: 05/14/2020  
 Measurement duration: 22 minutes 14 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	55.20
<b>Relative permittivity (imaginary)</b>	20.91
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	-1.18
<b>ConvF:</b>	1.64

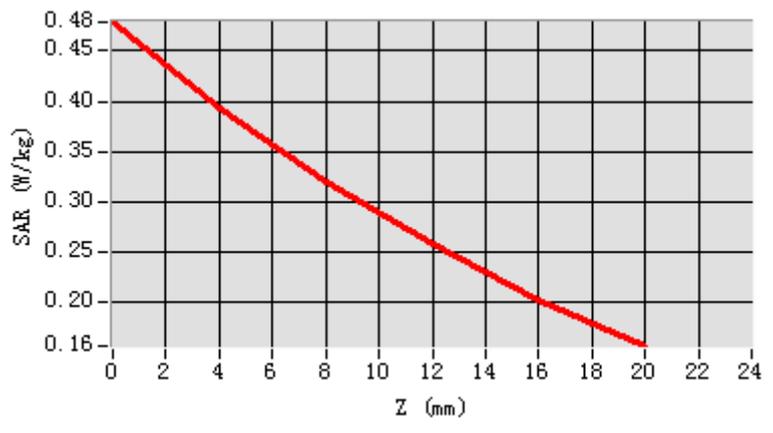


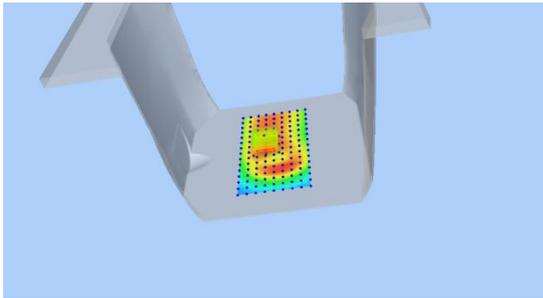
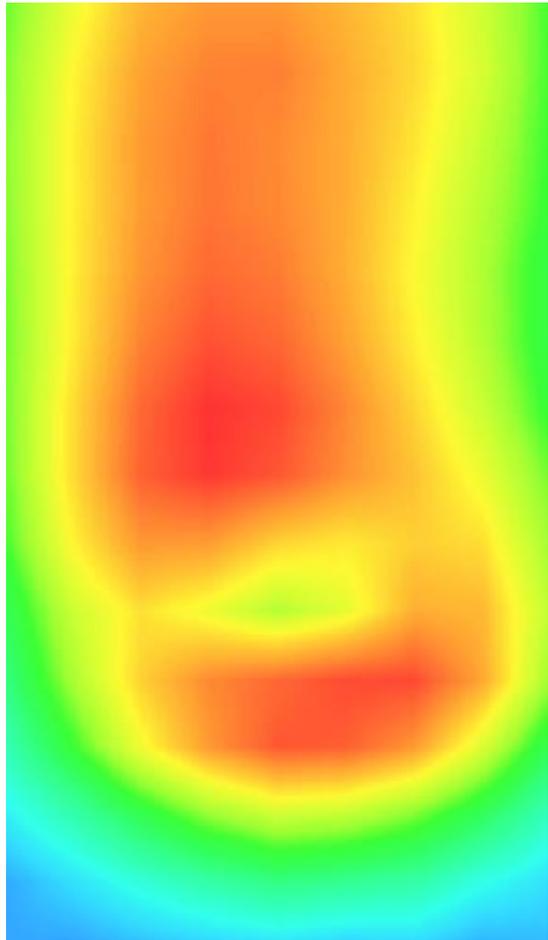
**Maximum location: X=-9.00, Y=6.00**

**SAR Peak: 0.48W/kg**

<b>SAR 10g (W/Kg)</b>	0.268641
<b>SAR 1g (W/Kg)</b>	0.376901

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4788	0.3940	0.3205	0.2575	0.2035



3D screen shot	Hot spot position
	

## Plot 7: LTE Band5, 10MHz, Left Cheek, Middle

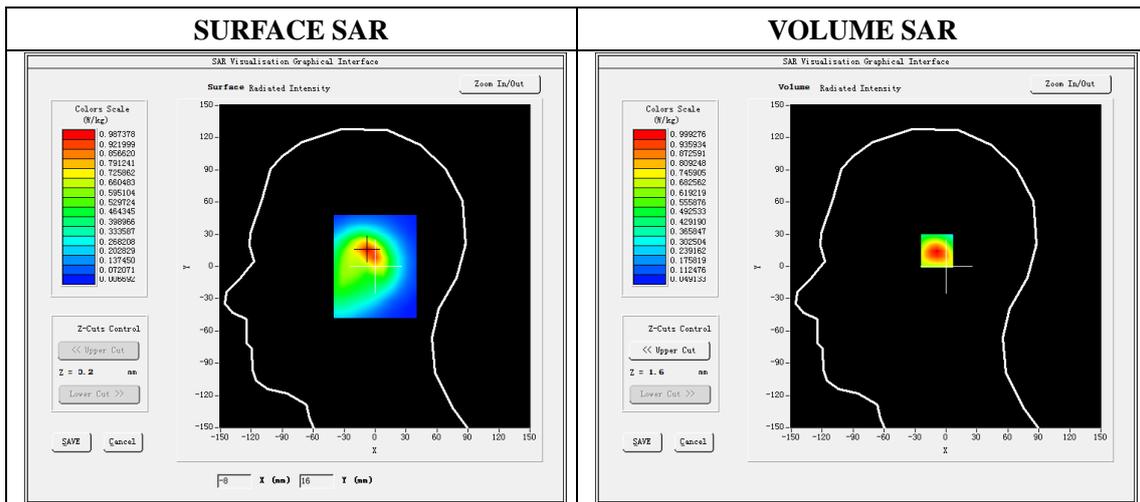
Type: Phone measurement  
 Date of measurement: 05/14/2020  
 Measurement duration: 22 minutes 17 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	836.5
<b>Relative permittivity (real part)</b>	41.53
<b>Relative permittivity (imaginary)</b>	19.48
<b>Conductivity (S/m)</b>	0.92
<b>Variation (%)</b>	-0.26
<b>ConvF:</b>	1.60

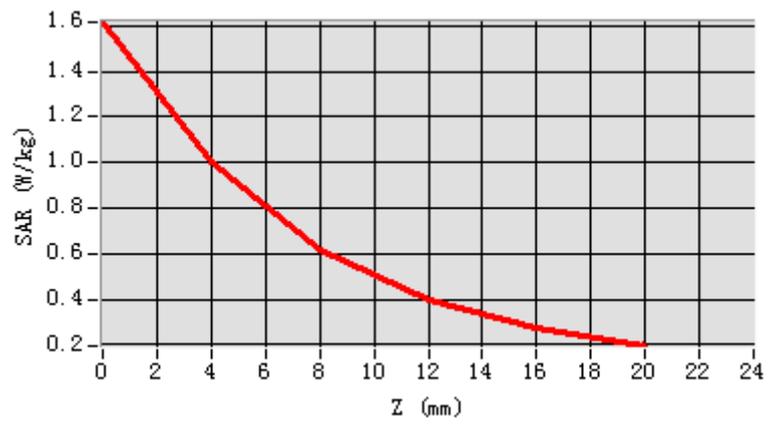


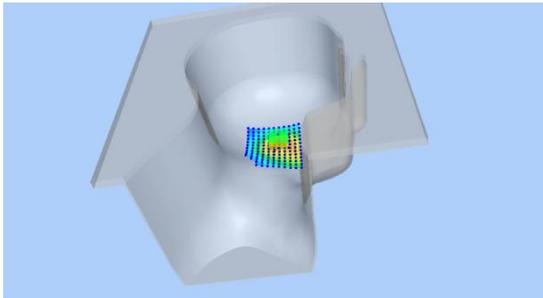
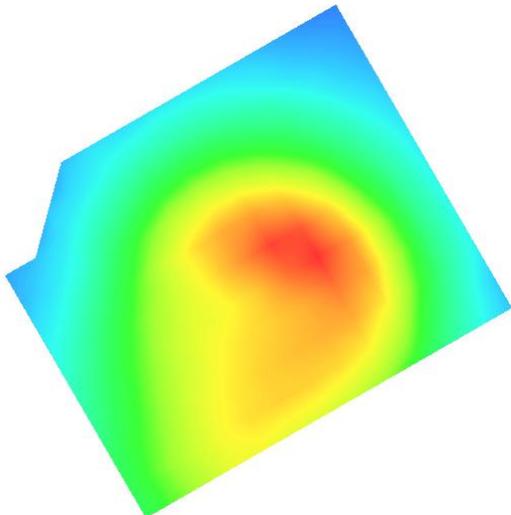
**Maximum location: X=-7.00, Y=15.00**

**SAR Peak: 1.62 W/kg**

<b>SAR 10g (W/Kg)</b>	0.513058
<b>SAR 1g (W/Kg)</b>	0.926536

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.6166	0.9993	0.6161	0.3949	0.2722



3D screen shot	Hot spot position
	

## Plot 8: LTE Band5, 10MHz, Back, Middle,10mm

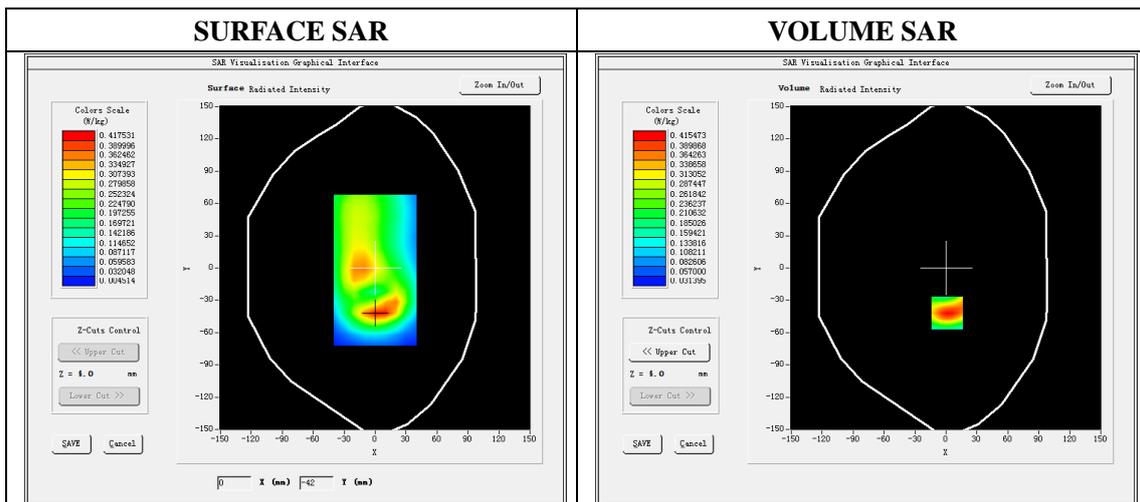
Type: Phone measurement  
 Date of measurement: 05/14/2020  
 Measurement duration: 22 minutes 15 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	836.5
<b>Relative permittivity (real part)</b>	55.20
<b>Relative permittivity (imaginary)</b>	20.91
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	-1.96
<b>ConvF:</b>	1.64

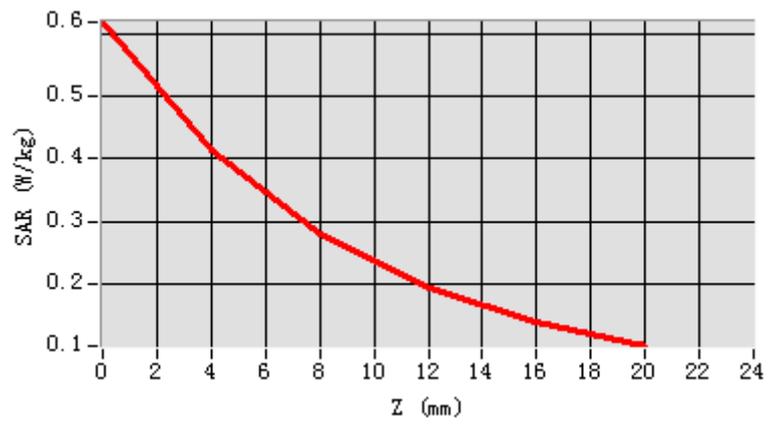


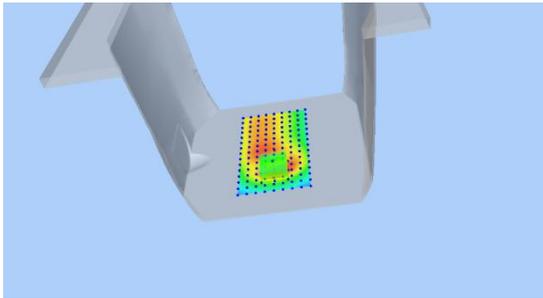
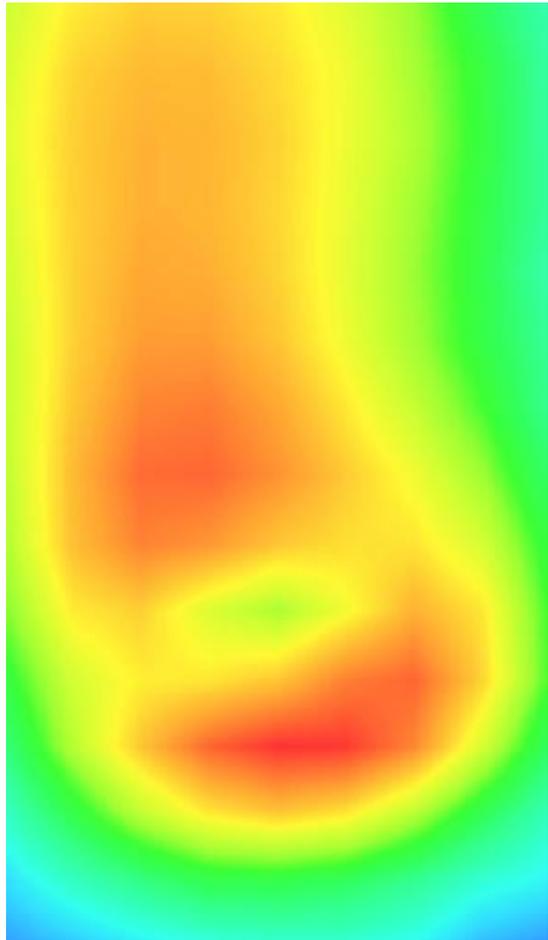
**Maximum location: X=1.00, Y=-42.00**

**SAR Peak: 0.62W/kg**

<b>SAR 10g (W/Kg)</b>	0.223585
<b>SAR 1g (W/Kg)</b>	0.384844

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6181	0.4155	0.2798	0.1936	0.1396



3D screen shot	Hot spot position
	

## Plot 9: LTE Band17, 10MHz, Left Check, Middle

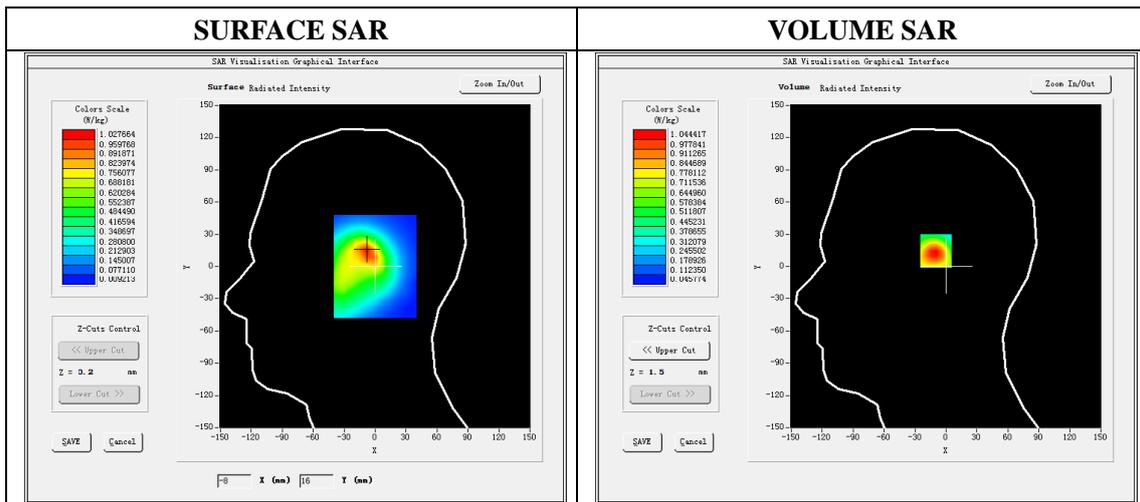
Type: Phone measurement  
 Date of measurement: 05/13/2020  
 Measurement duration: 22 minutes 21 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	710
<b>Relative permittivity (real part)</b>	41.87
<b>Relative permittivity (imaginary)</b>	21.60
<b>Conductivity (S/m)</b>	0.90
<b>Variation (%)</b>	-1.41
<b>ConvF:</b>	1.54

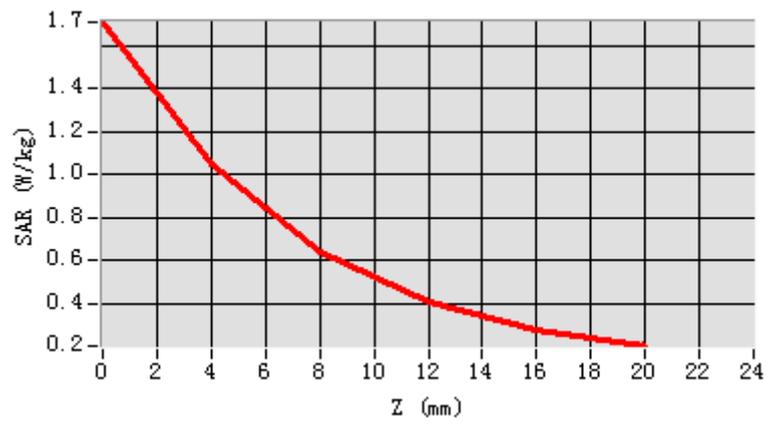


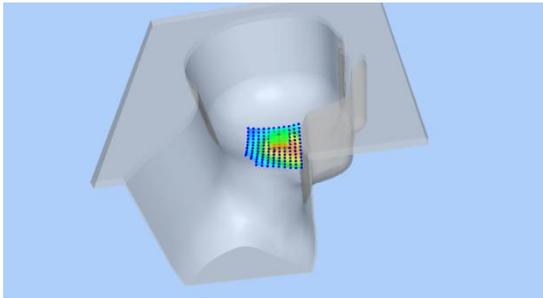
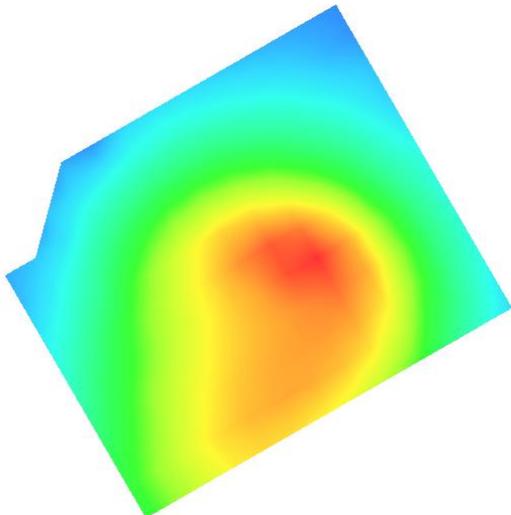
**Maximum location: X=-8.00, Y=15.00**

**SAR Peak: 1.73 W/kg**

<b>SAR 10g (W/Kg)</b>	0.542198
<b>SAR 1g (W/Kg)</b>	0.982906

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.7075	1.0444	0.6379	0.4072	0.2823



3D screen shot	Hot spot position
	

**Plot 10: LTE Band 17, 10MHz, Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 05/13/2020

Measurement duration: 22 minutes 24 seconds

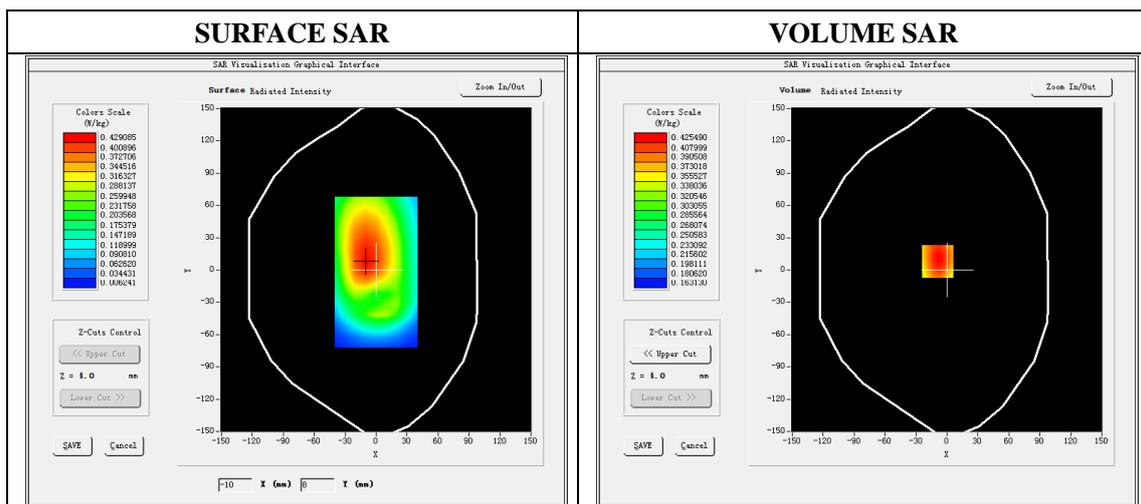
Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	710
<b>Relative permittivity (real part)</b>	55.49
<b>Relative permittivity (imaginary)</b>	22.80
<b>Conductivity (S/m)</b>	0.95
<b>Variation (%)</b>	-0.24
<b>ConvF:</b>	1.59

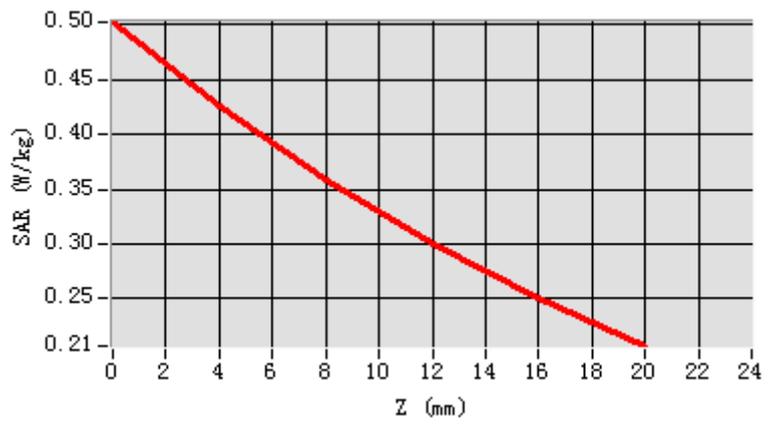


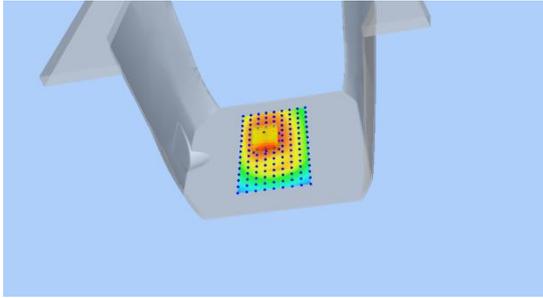
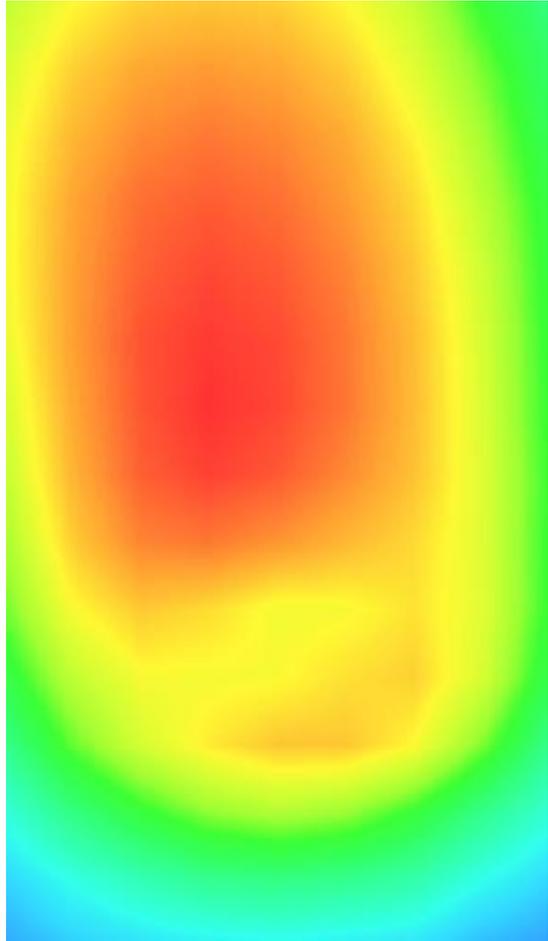
**Maximum location: X=-9.00, Y=8.00**

**SAR Peak: 0.50W/kg**

<b>SAR 10g (W/Kg)</b>	0.316313
<b>SAR 1g (W/Kg)</b>	0.411559

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5027	0.4255	0.3585	0.3008	0.2510



3D screen shot	Hot spot position
	

## Plot 11: Wi-Fi 802.11b Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/18/2020

Measurement duration: 22 minutes 28 seconds

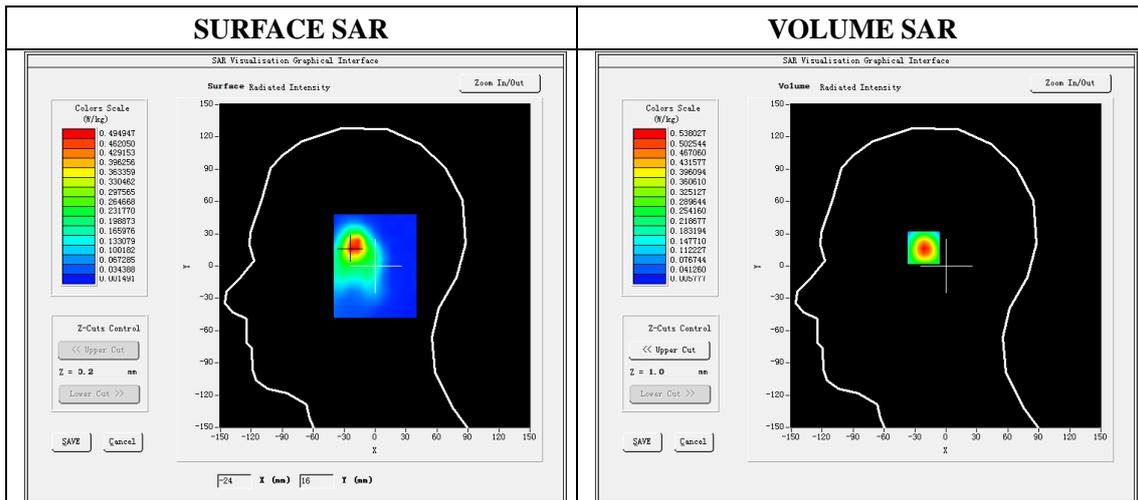
Mobile Phone IMEI number: --

### A. Experimental conditions.

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

### B. SAR Measurement Results

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	2437
<b>Relative permittivity (real part)</b>	39.24
<b>Relative permittivity (imaginary)</b>	13.44
<b>Conductivity (S/m)</b>	1.83
<b>Variation (%)</b>	-2.07
<b>ConvF:</b>	2.05

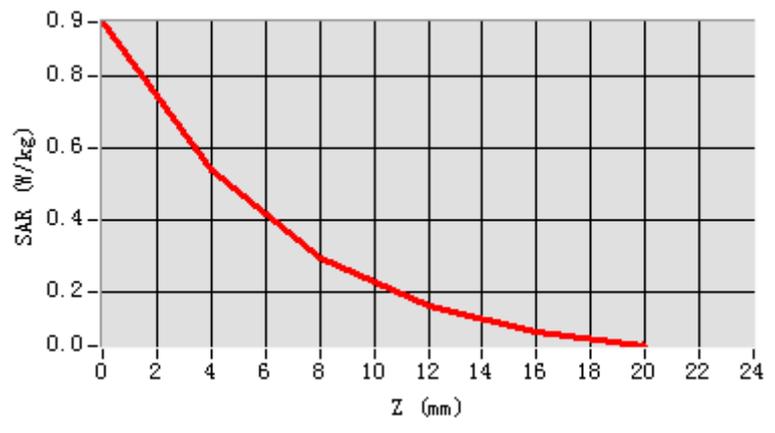


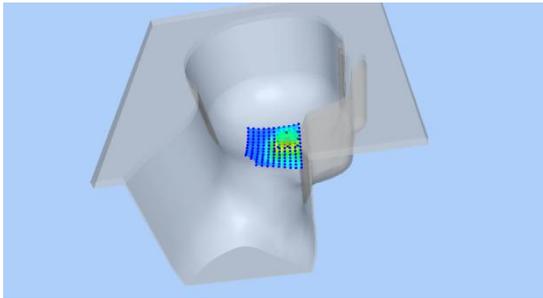
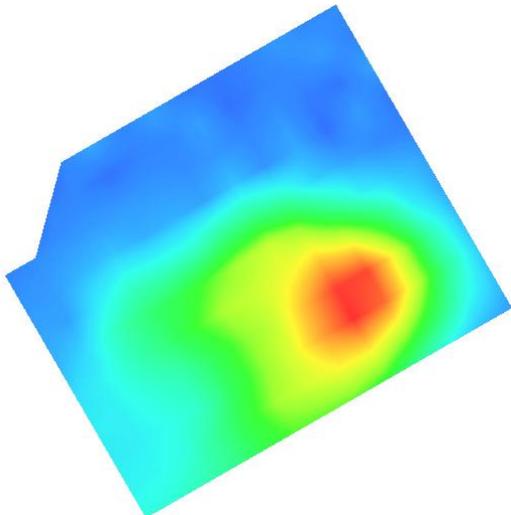
**Maximum location: X=-21.00 Y=18.00**

**SAR Peak:0.95 W/kg**

<b>SAR 10g (W/Kg)</b>	0.226242
<b>SAR 1g (W/Kg)</b>	0.488112

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9481	0.5380	0.2940	0.1594	0.0887



3D screen shot	Hot spot position
	

## Plot 12: Wi-Fi 802.11b,Edge A ,Middle, 10mm

Type: Phone measurement

Date of measurement: 05/18/2020

Measurement duration: 22 minutes 32 seconds

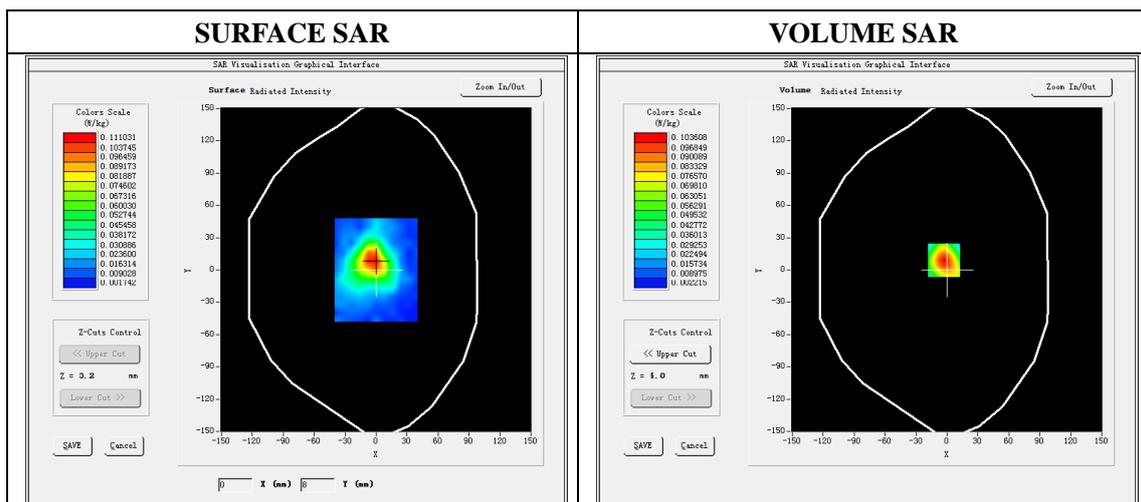
Mobile Phone IMEI number: --

**A. Experimental conditions.**

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

**B. SAR Measurement Results**

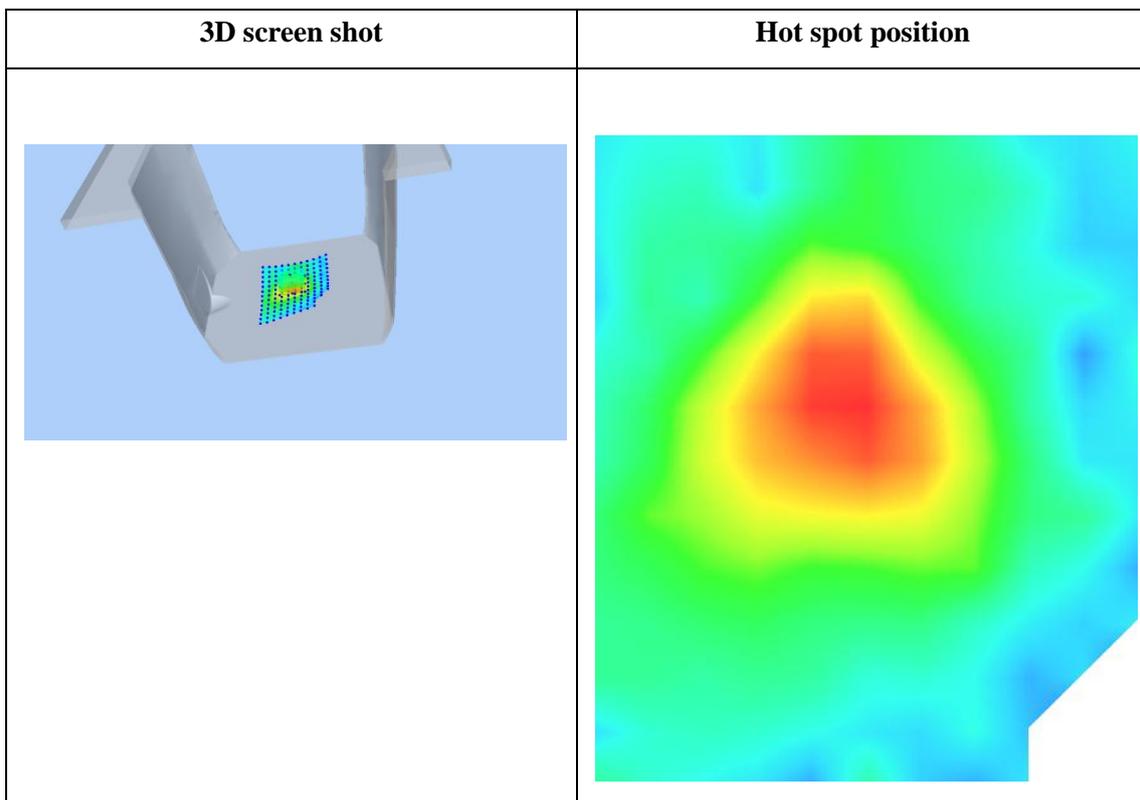
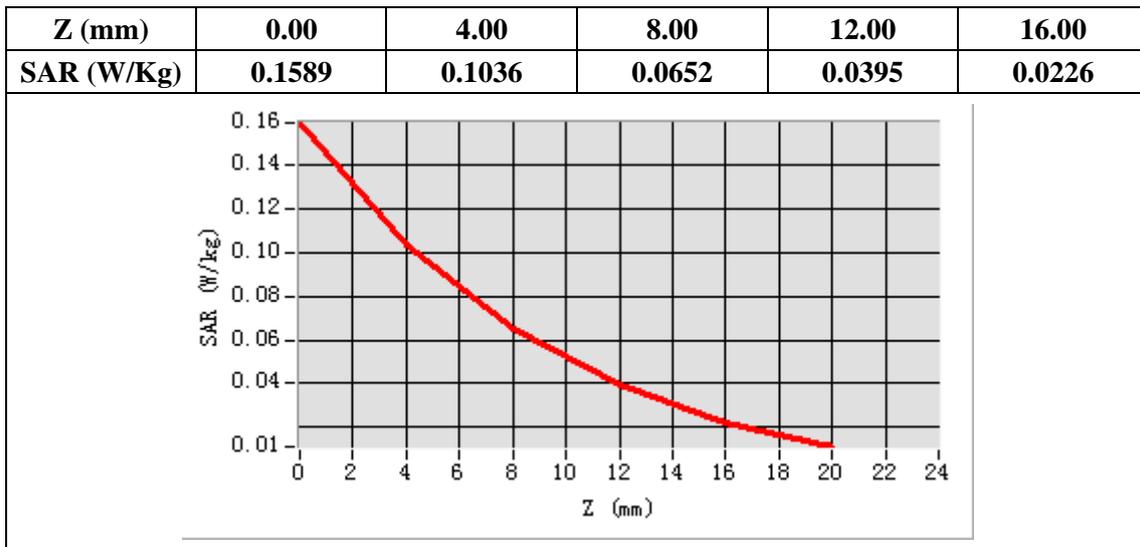
<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	2437
<b>Relative permittivity (real part)</b>	52.72
<b>Relative permittivity (imaginary)</b>	14.47
<b>Conductivity (S/m)</b>	1.97
<b>Variation (%)</b>	-2.61
<b>ConvF:</b>	2.12



**Maximum location: X=-3.00 Y=9.00**

**SAR Peak: 0.16 W/kg**

<b>SAR 10g (W/Kg)</b>	0.049141
<b>SAR 1g (W/Kg)</b>	0.094605



## Plot 13: WIFI 5G 802.11ac(40MHZ), Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/19/2020

Measurement duration: 22 minutes 31 seconds

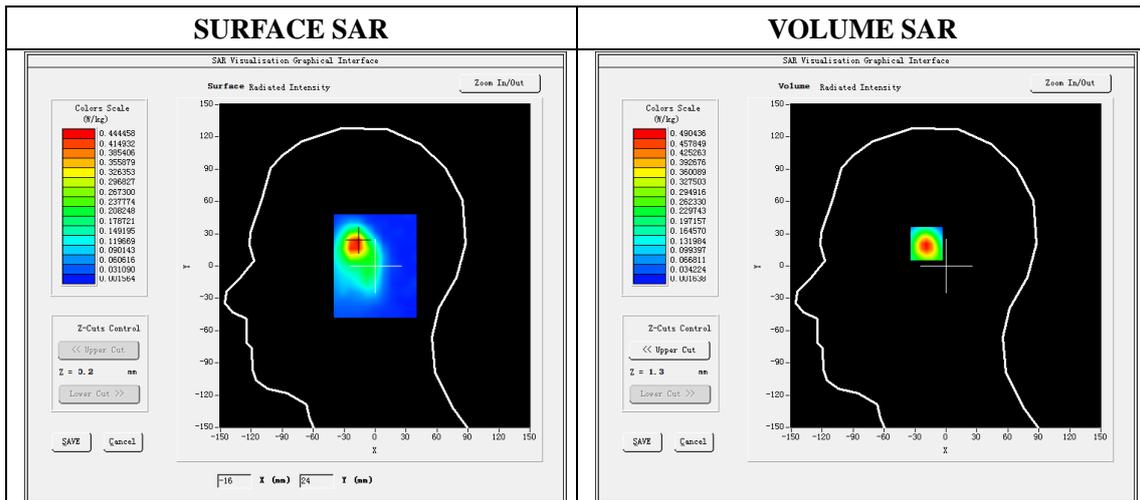
Mobile Phone IMEI number: --

**A. Experimental conditions.**

<b>Area Scan</b>	dx=4mm,dy=4mm
<b>ZoomScan</b>	7x7x12,dx=4m, dy=4mm, dz=2mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Left Cheek
<b>Band</b>	WIFI 5G
<b>Channels</b>	38
<b>Signal</b>	OFDM (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	5190
<b>Relative permittivity (real part)</b>	36.01
<b>Relative permittivity (imaginary)</b>	16.17
<b>Conductivity (S/m)</b>	4.67
<b>Variation (%)</b>	-2.51
<b>ConvF:</b>	2.15

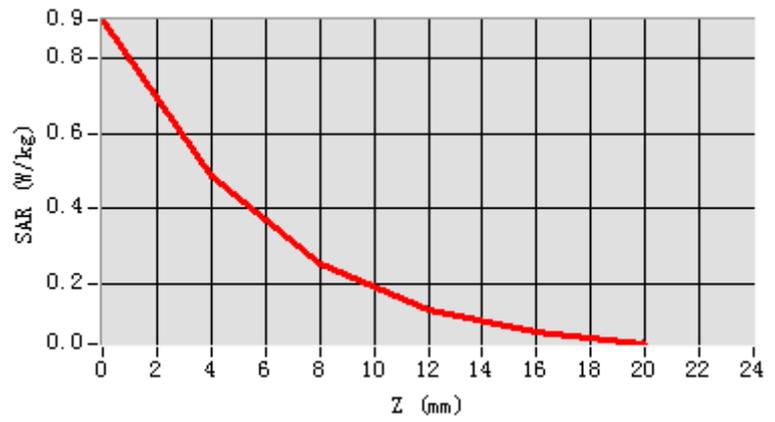


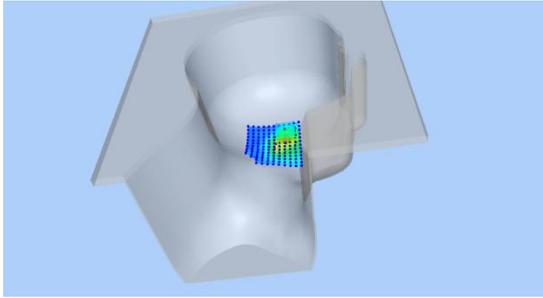
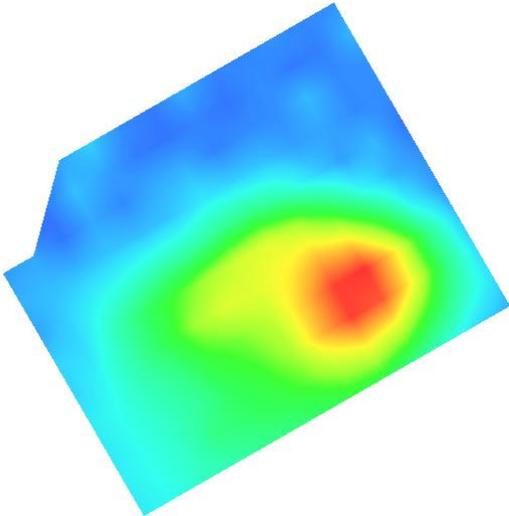
**Maximum location: X=-18.00 Y=22.00**

**SAR Peak: 0.91 W/kg**

<b>SAR 10g (W/Kg)</b>	0.200525
<b>SAR 1g (W/Kg)</b>	0.447414

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9034	0.4904	0.2551	0.1330	0.0735



3D screen shot	Hot spot position
	

**Plot 14: WIFI 5G 802.11ac(40MHz), Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 05/19/2020

Measurement duration: 22 minutes 30 seconds

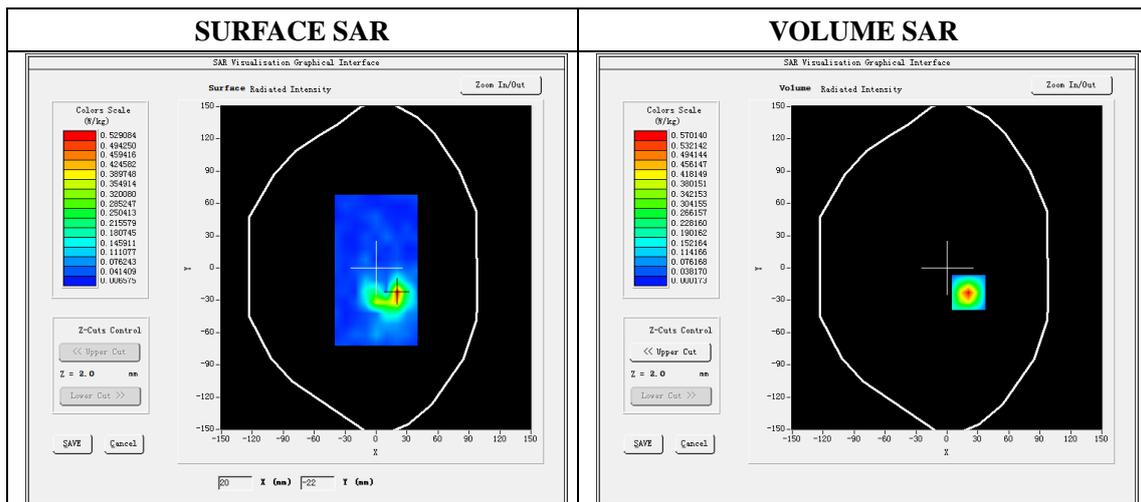
Mobile Phone IMEI number: --

**A. Experimental conditions.**

<b>Area Scan</b>	dx=4mm,dy=4mm
<b>ZoomScan</b>	7x7x12,dx=4m, dy=4mm, dz=2mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Back
<b>Band</b>	WIFI 5G
<b>Channels</b>	38
<b>Signal</b>	OFDM (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	5190
<b>Relative permittivity (real part)</b>	49.03
<b>Relative permittivity (imaginary)</b>	18.38
<b>Conductivity (S/m)</b>	5.31
<b>Variation (%)</b>	-2.42
<b>ConvF:</b>	2.21

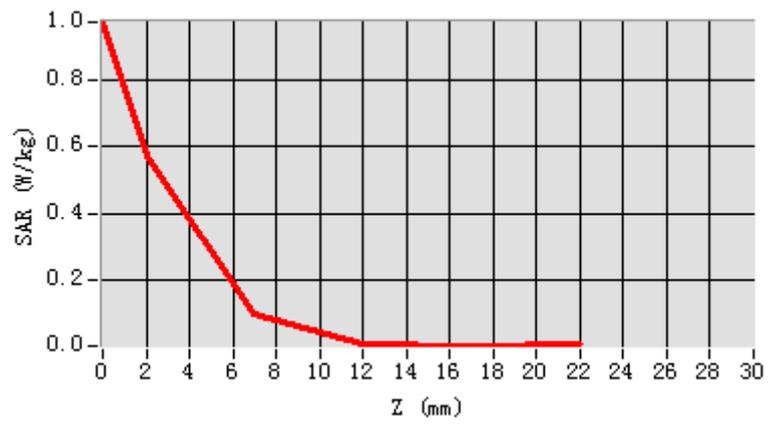


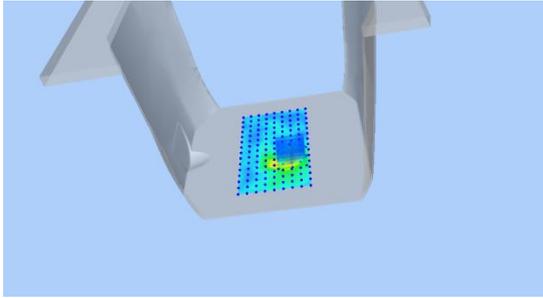
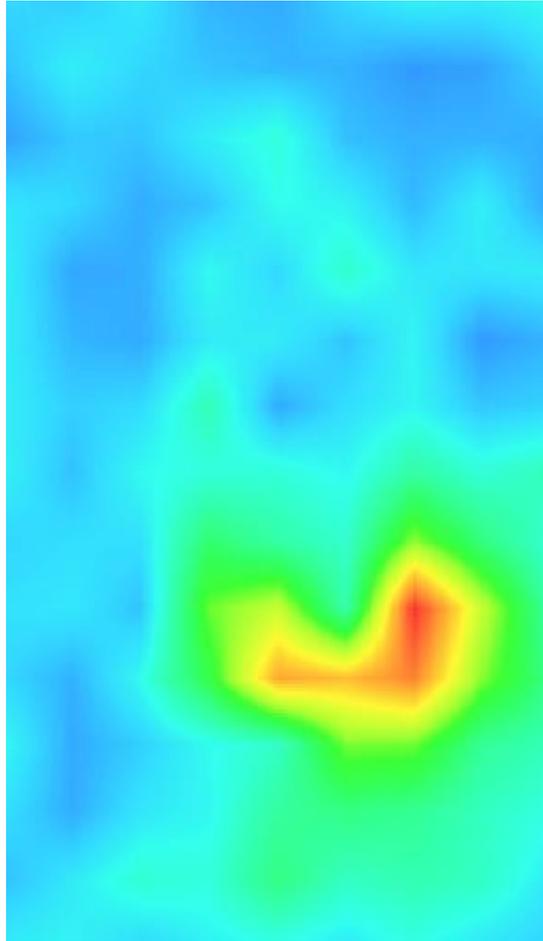
**Maximum location: X=21.00 Y=-23.00**

**SAR Peak: 1.02 W/kg**

<b>SAR 10g (W/Kg)</b>	0.114344
<b>SAR 1g (W/Kg)</b>	0.317016

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.9750	0.5701	0.0975	0.0068	0.0013



3D screen shot	Hot spot position
	

### Plot 15: BT, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/18/2020

Measurement duration: 22 minutes 40 seconds

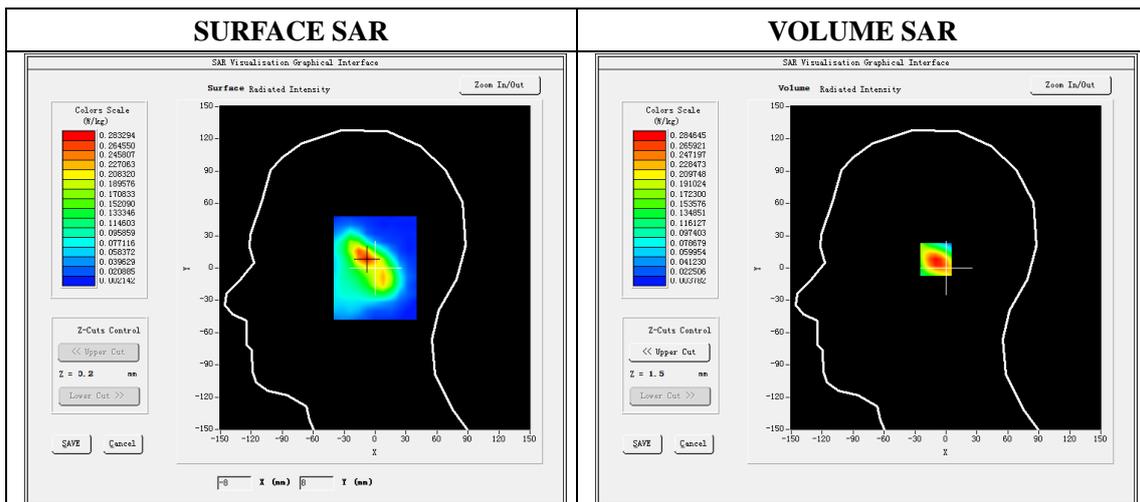
Mobile Phone IMEI number: --

**A. Experimental conditions.**

<b>Area Scan</b>	dx=5mm,dy=5mm
<b>ZoomScan</b>	7x7x8,dx=5mm dy=5mm dz=4mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Right Cheek
<b>Band</b>	BT
<b>Channels</b>	39
<b>Signal</b>	GFSK (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	2441
<b>Relative permittivity (real part)</b>	39.22
<b>Relative permittivity (imaginary)</b>	13.44
<b>Conductivity (S/m)</b>	1.83
<b>Variation (%)</b>	-2.64
<b>ConvF:</b>	2.05

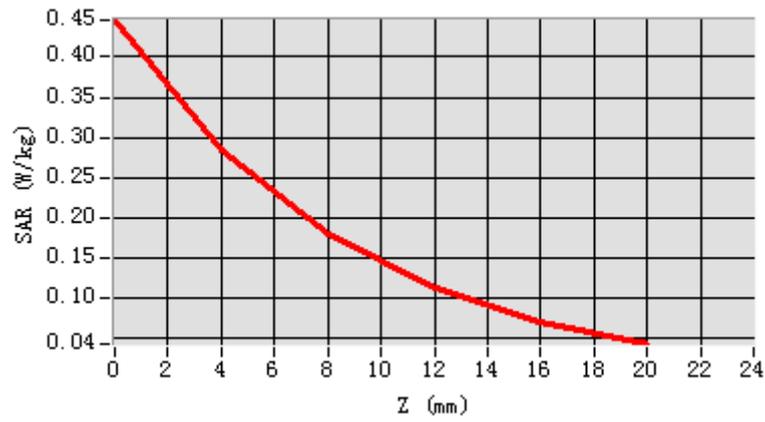


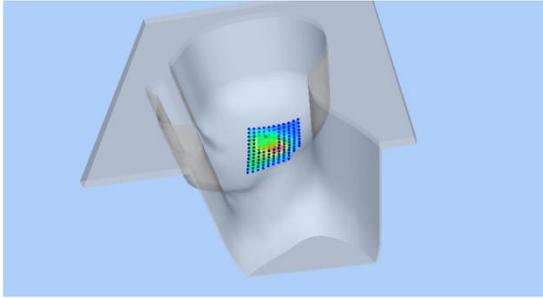
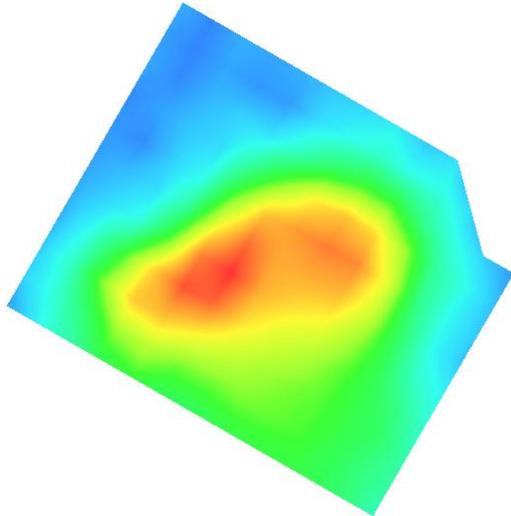
**Maximum location: X=-8.00 Y=8.00**

**SAR Peak:0.45 W/kg**

<b>SAR 10g (W/Kg)</b>	0.138326
<b>SAR 1g (W/Kg)</b>	0.263286

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4461	0.2846	0.1782	0.1112	0.0700



3D screen shot	Hot spot position
	

## Plot 16:BT, Back ,Middle, 10mm

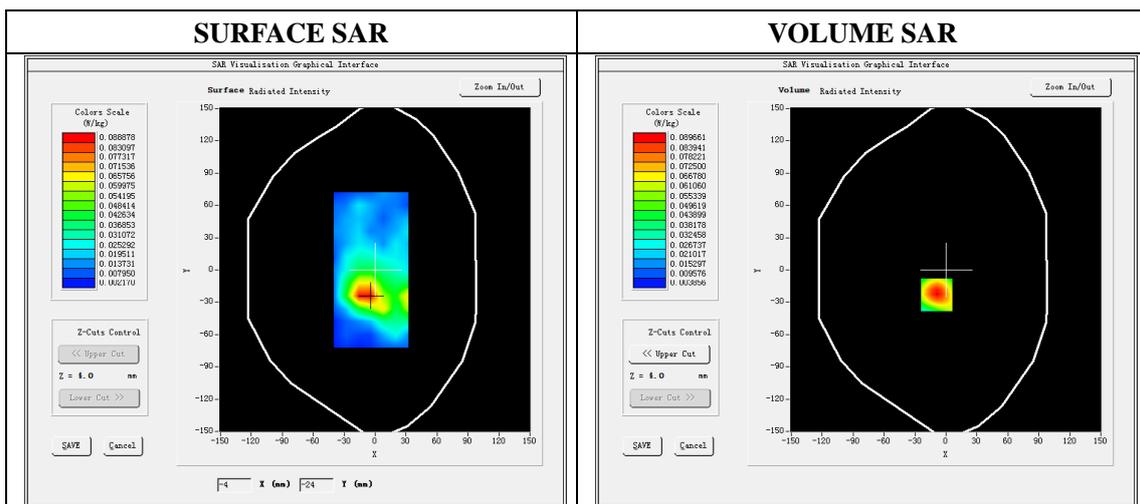
Type: Phone measurement  
 Date of measurement: 05/18/2020  
 Measurement duration: 22 minutes 41 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

<b>Area Scan</b>	dx=5mm,dy=5mm
<b>ZoomScan</b>	7x7x8,dx=5mm dy=5mm dz=4mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Back
<b>Band</b>	BT
<b>Channels</b>	39
<b>Signal</b>	GFSK (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_41/18_EPG0330
<b>Frequency (MHz)</b>	2441
<b>Relative permittivity (real part)</b>	52.71
<b>Relative permittivity (imaginary)</b>	14.47
<b>Conductivity (S/m)</b>	1.97
<b>Variation (%)</b>	-2.85
<b>ConvF:</b>	2.12

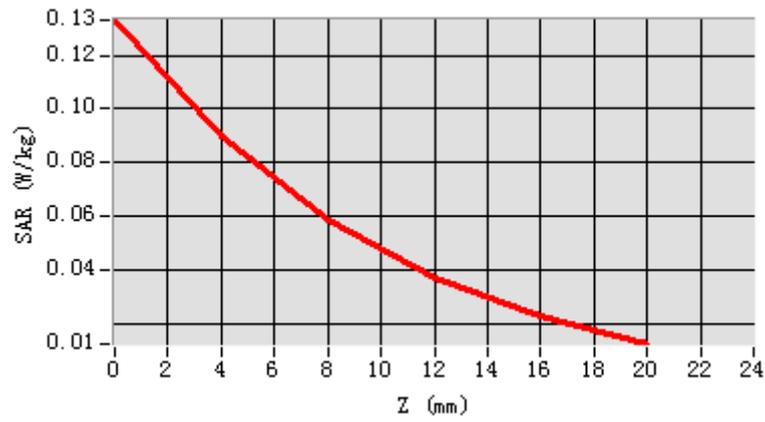


**Maximum location: X=-9.00 Y=-23.00**

**SAR Peak: 0.13 W/kg**

<b>SAR 10g (W/Kg)</b>	0.045444
<b>SAR 1g (W/Kg)</b>	0.083302

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1331	0.0897	0.0586	0.0371	0.0225



3D screen shot	Hot spot position
