

## Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850	Right Cheek Middle	2021/01/25
2	GSM850/GPRS4Tx	Body Back, Middle ,10mm	2021/01/25
3	GSM1900	Right Cheek Middle	2021/01/28
4	GSM1900/GPRS4Tx	Body Back, Middle ,10mm	2021/01/28
5	GSM1900/GPRS4Tx	Edge C, Middle ,10mm	2021/01/28
6	WCDMA1900	Right Cheek Middle	2021/01/28
7	WCDMA1900	Body Back, Middle ,10mm	2021/01/28
8	WCDMA1900	Edge C, Middle ,10mm	2021/01/28
9	WCDMA1700	Right Cheek Middle	2021/01/27
10	WCDMA1700	Body Back, Middle ,10mm	2021/01/27
11	WCDMA1700	Edge C, Middle ,10mm	2021/01/27
12	WCDMA850	Right Cheek Middle	2021/01/25
13	WCDMA850	Body Back, Middle ,10mm	2021/01/25
14	LTE Band2	Right Cheek Middle	2021/01/28
15	LTE Band2	Body Back, Middle ,10mm	2021/01/28
16	LTE Band2	Edge C, Middle ,10mm	2021/01/28
17	LTE Band4	Right Cheek Middle	2021/01/27
18	LTE Band4	Body Face, Middle ,10mm	2021/01/27
19	LTE Band4	Edge C, Middle ,10mm	2021/01/27
20	LTE Band5	Right Cheek Middle	2021/01/25
21	LTE Band5	Body Back, Middle ,10mm	2021/01/25
22	LTE Band7	Left Cheek Middle	2021/01/30
23	LTE Band7	Body Back, Middle ,10mm	2021/01/30
24	LTE Band7	Edge C, Middle ,10mm	2021/01/30
25	LTE Band12	Right Cheek Middle	2021/01/31
26	LTE Band12	Body Back, Middle ,10mm	2021/01/31
27	LTE Band17	Right Cheek Middle	2021/01/31
28	LTE Band17	Body Back, Middle ,10mm	2021/01/31
29	WIFI 2.4G 802.11b	Left Cheek Middle	2021/01/29
30	WIFI 2.4G 802.11b	Body Face, Middle ,10mm	2021/01/29
31	BT	Left Cheek Middle	2021/01/29
32	BT	Body Face, Middle ,10mm	2021/01/29

## Plot 1: GSM850, Right Cheek, Middle

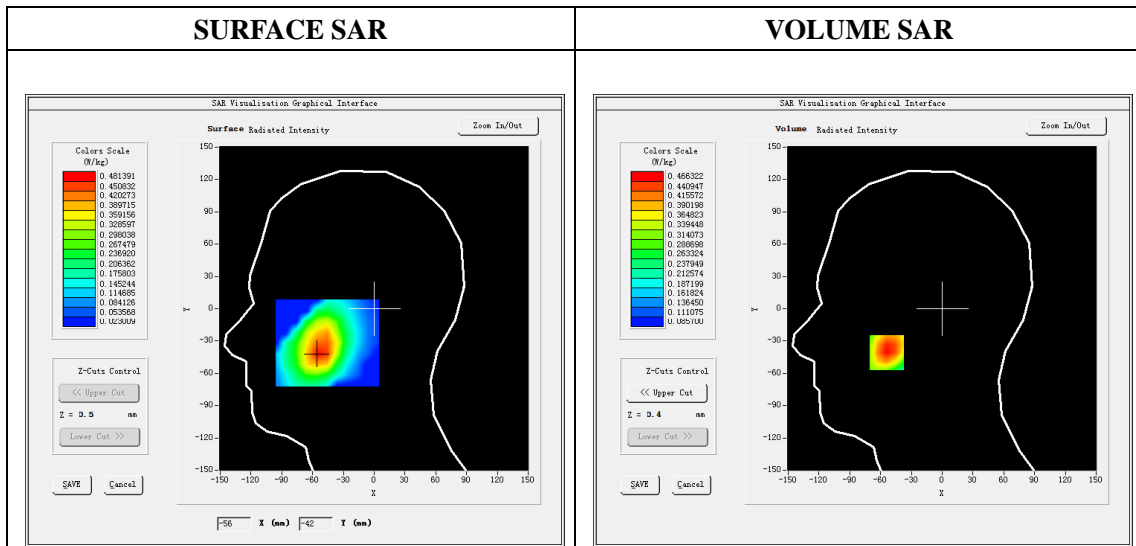
Type: Phone measurement  
 Date of measurement: 01/25/2021  
 Measurement duration: 22 minutes 02 seconds  
 Mobile Phone IMEI number: --

**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>	Right 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_27/15_EPG0261
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	41.53
<b>Relative permittivity (imaginary part)</b>	19.83
<b>Conductivity (S/m)</b>	0.92
<b>Variation (%)</b>	-4.49
<b>ConvF:</b>	1.86

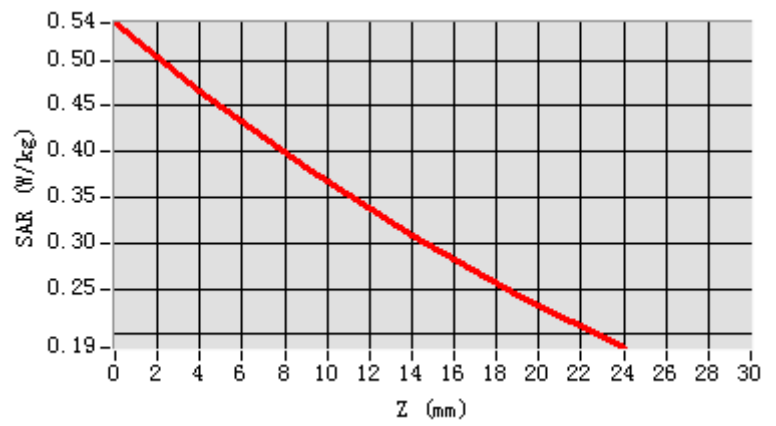


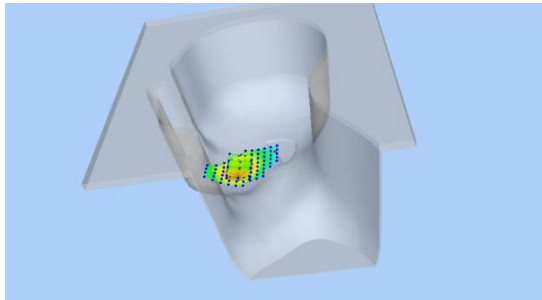
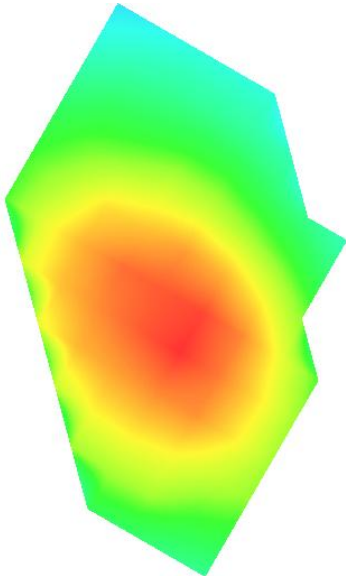
**Maximum location: X=-54.00, Y=-41.00**

**SAR Peak: 0.55W/kg**

<b>SAR 10g (W/Kg)</b>	0.339364
<b>SAR 1g (W/Kg)</b>	0.450661

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5407	0.4663	0.3823	0.3079	0.2425



3D screen shot	Hot spot position
	

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

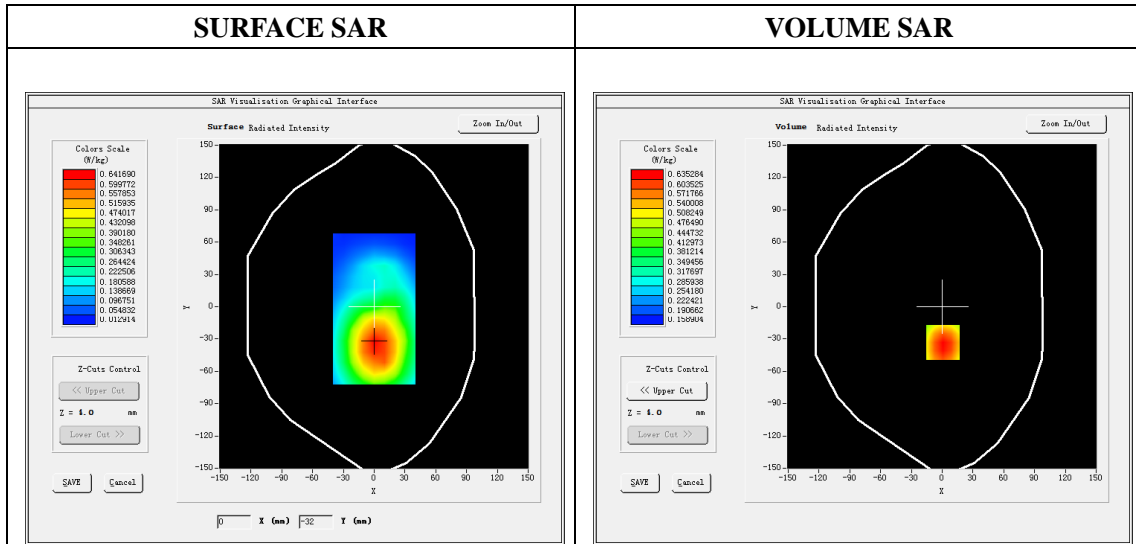
Type: Phone measurement  
 Date of measurement: 01/25/2021  
 Measurement duration: 22 minutes 01 seconds  
 Mobile Phone IMEI number: --

**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_27/15_EPG0261
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	55.21
<b>Relative permittivity (imaginary part)</b>	20.91
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	-2.00
<b>ConvF:</b>	1.90

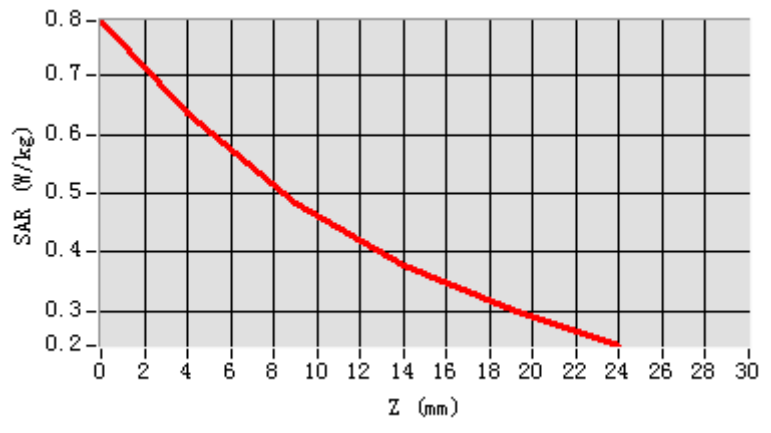


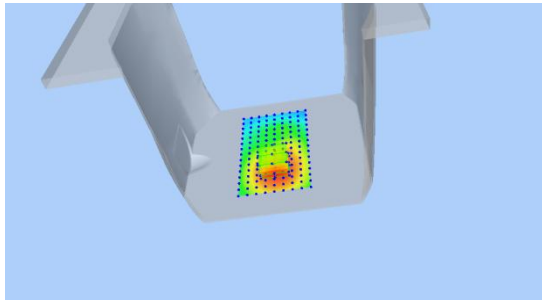
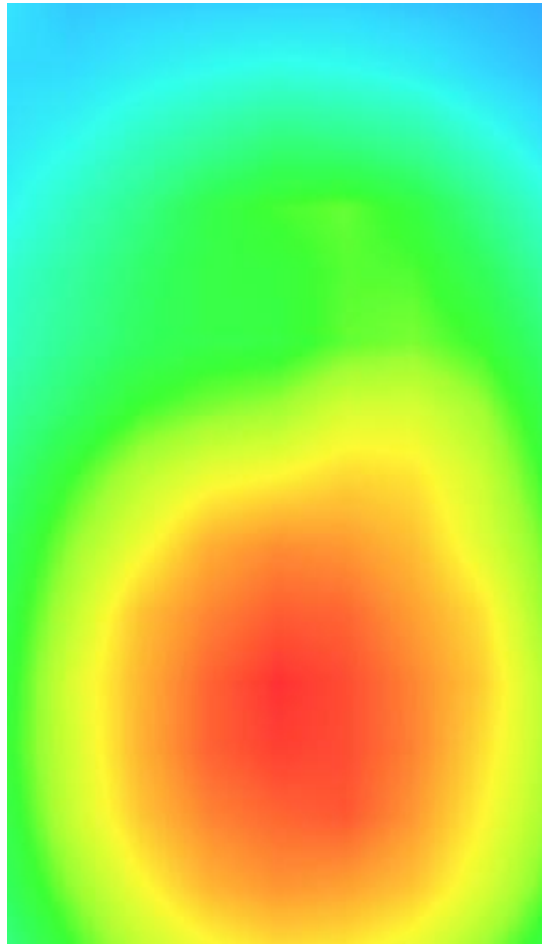
**Maximum location: X=1.00, Y=-33.00**

**SAR Peak: 0.80 W/kg**

<b>SAR 10g (W/Kg)</b>	0.457334
<b>SAR 1g (W/Kg)</b>	0.615939

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7935	0.6353	0.4848	0.3775	0.3010



3D screen shot	Hot spot position
	

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

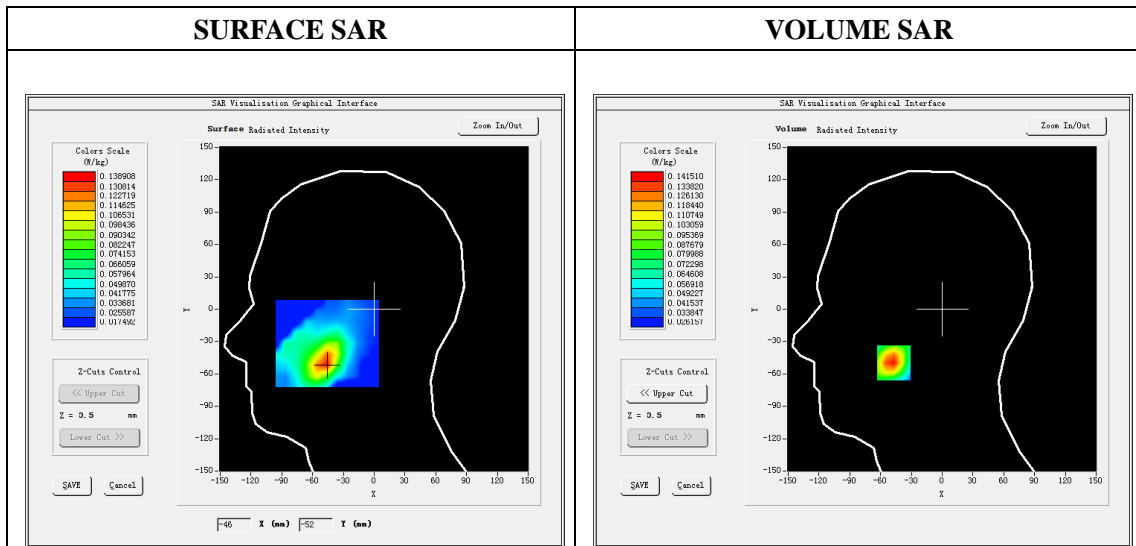
Type: Phone measurement  
 Date of measurement: 01/28/2021  
 Measurement duration: 22 minutes 04 seconds  
 Mobile Phone IMEI number: --

**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>	Right 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_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	40.49
<b>Relative permittivity (imaginary part)</b>	13.17
<b>Conductivity (S/m)</b>	1.39
<b>Variation (%)</b>	-1.45
<b>ConvF:</b>	2.20

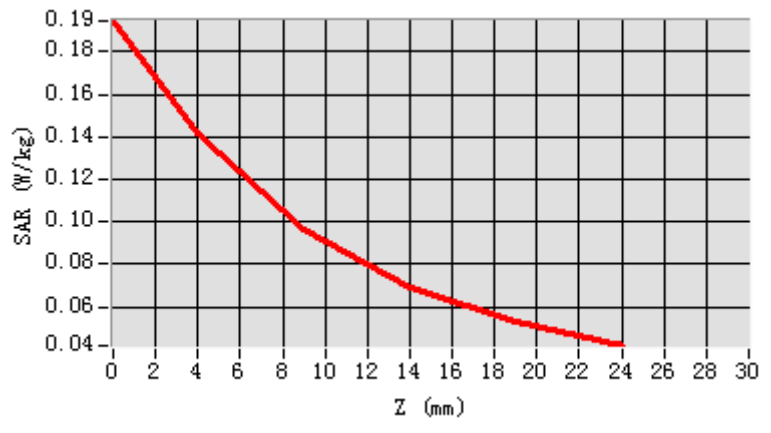


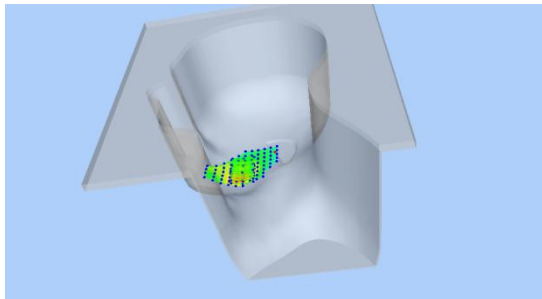
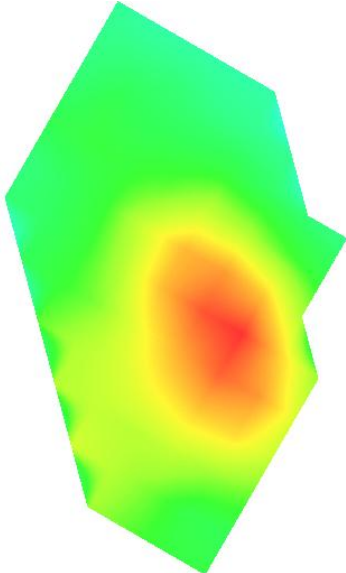
**Maximum location: X=-47.00, Y=-50.00**

**SAR Peak: 0.20 W/kg**

<b>SAR 10g (W/Kg)</b>	0.085762
<b>SAR 1g (W/Kg)</b>	0.134350

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1944	0.1415	0.0965	0.0690	0.0528



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 01/28/2021

Measurement duration: 22 minutes 05 seconds

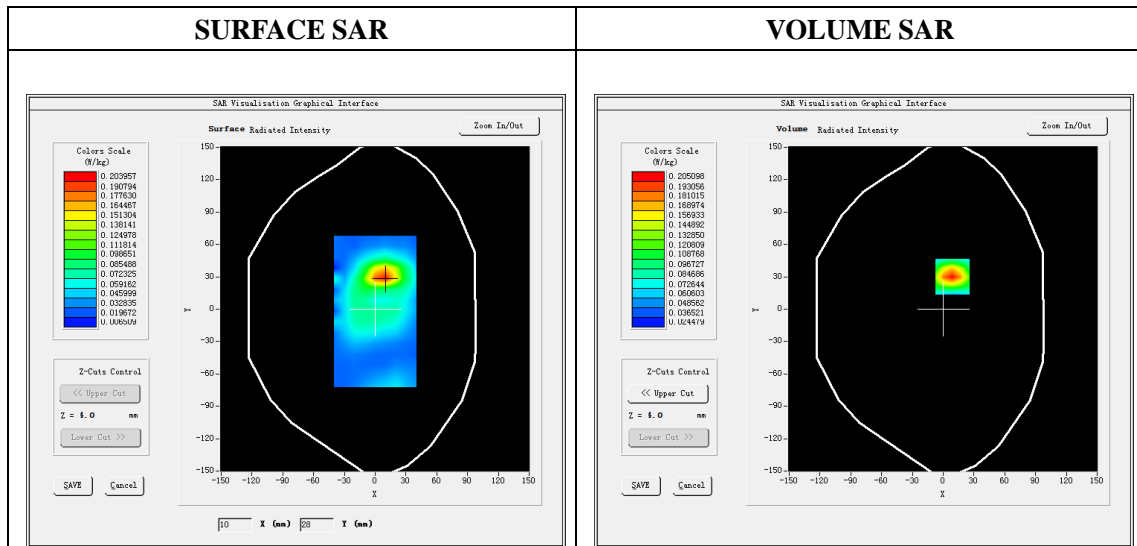
Mobile Phone IMEI number: --

**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_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.28
<b>Relative permittivity (imaginary part)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	0.35
<b>ConvF:</b>	2.26



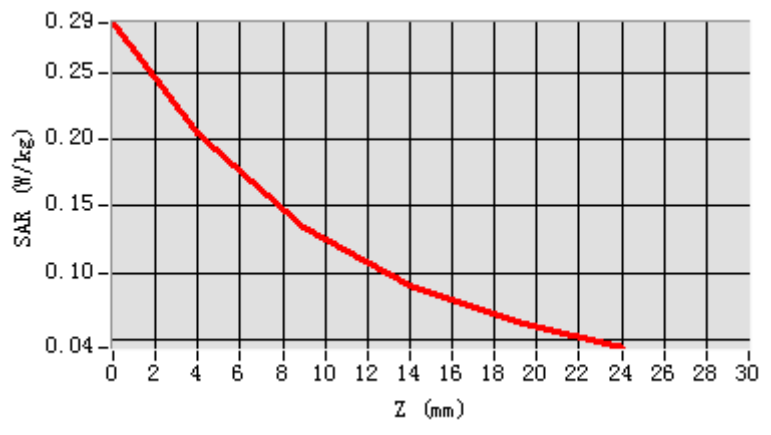
**Maximum location: X=9.00, Y=30.00**

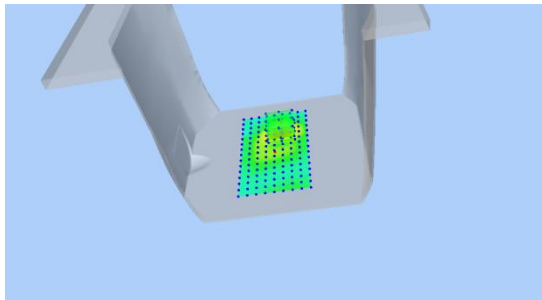
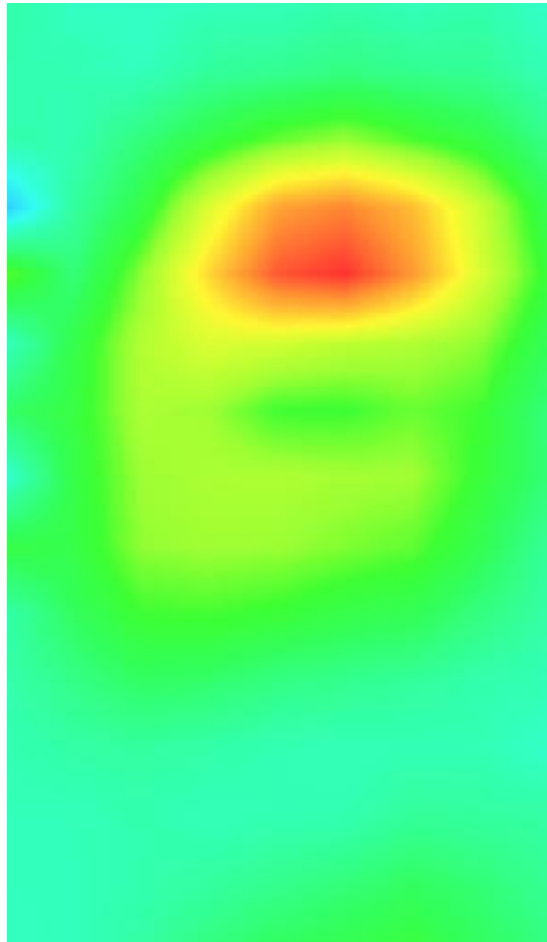
**SAR Peak: 0.29 W/kg**

<b>SAR 10g (W/Kg)</b>	0.112473
<b>SAR 1g (W/Kg)</b>	0.189930



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2873	0.2051	0.1344	0.0900	0.0627



3D screen shot	Hot spot position
	

**Plot 5: GPRS1900, Edge C, Middle ,10mm**

Type: Phone measurement

Date of measurement: 01/28/2021

Measurement duration: 22 minutes 06 seconds

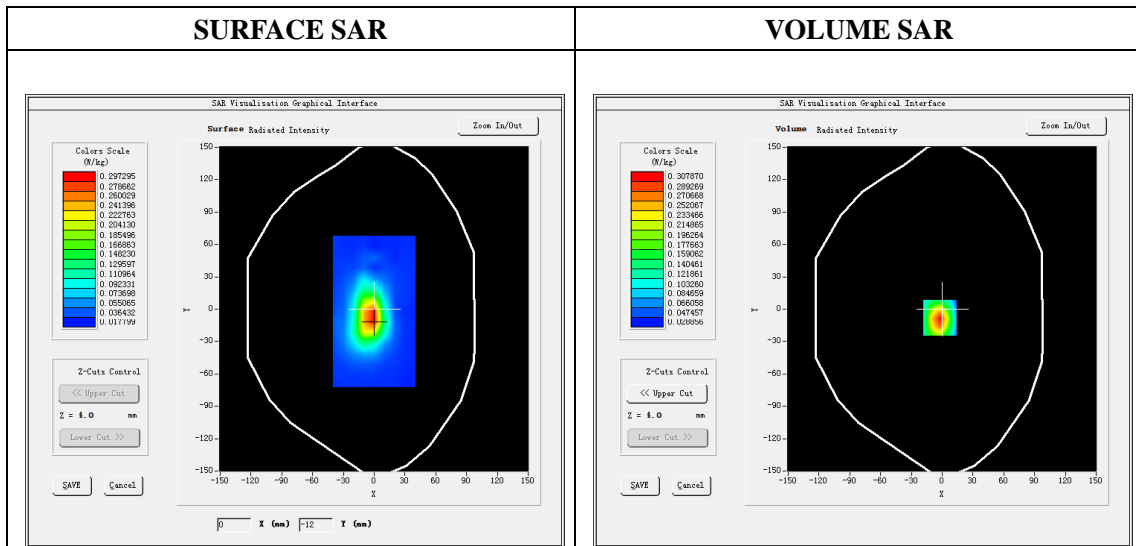
Mobile Phone IMEI number: --

**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>	Edge C
<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_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.28
<b>Relative permittivity (imaginary part)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	-2.84
<b>ConvF:</b>	2.26

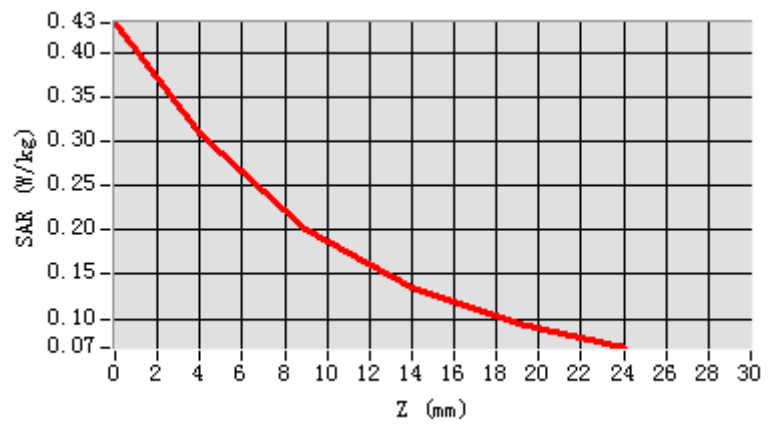


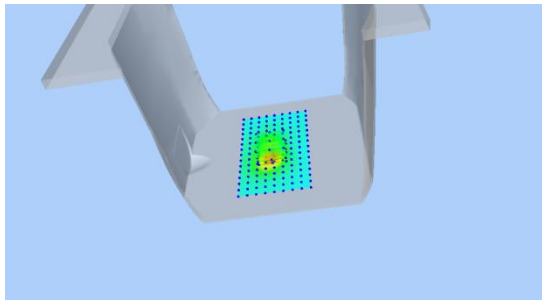
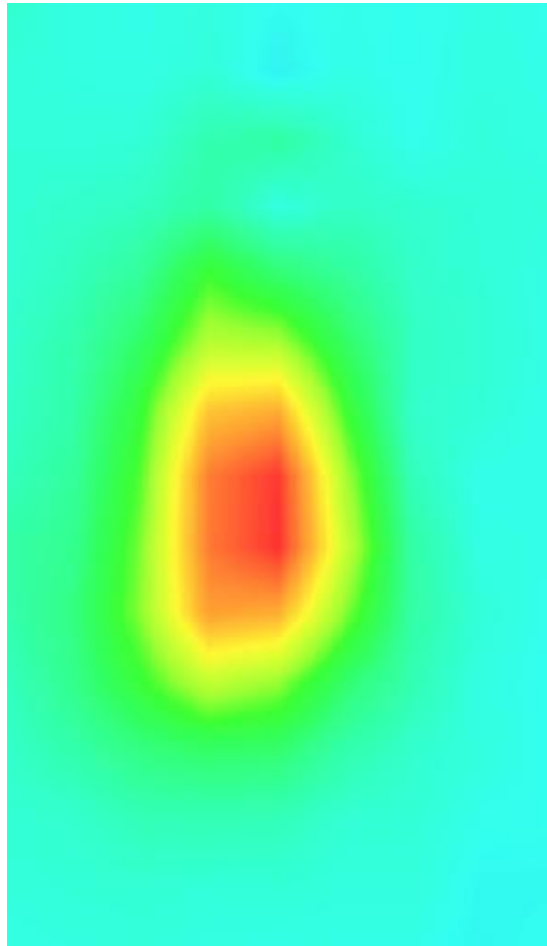
**Maximum location: X=-2.00, Y=-8.00**

**SAR Peak: 0.44 W/kg**

<b>SAR 10g (W/Kg)</b>	0.166333
<b>SAR 1g (W/Kg)</b>	0.285675

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4330	0.3079	0.2011	0.1350	0.0949



3D screen shot	Hot spot position
	

**Plot 6: WCDMA1900, Right Cheek, Middle**

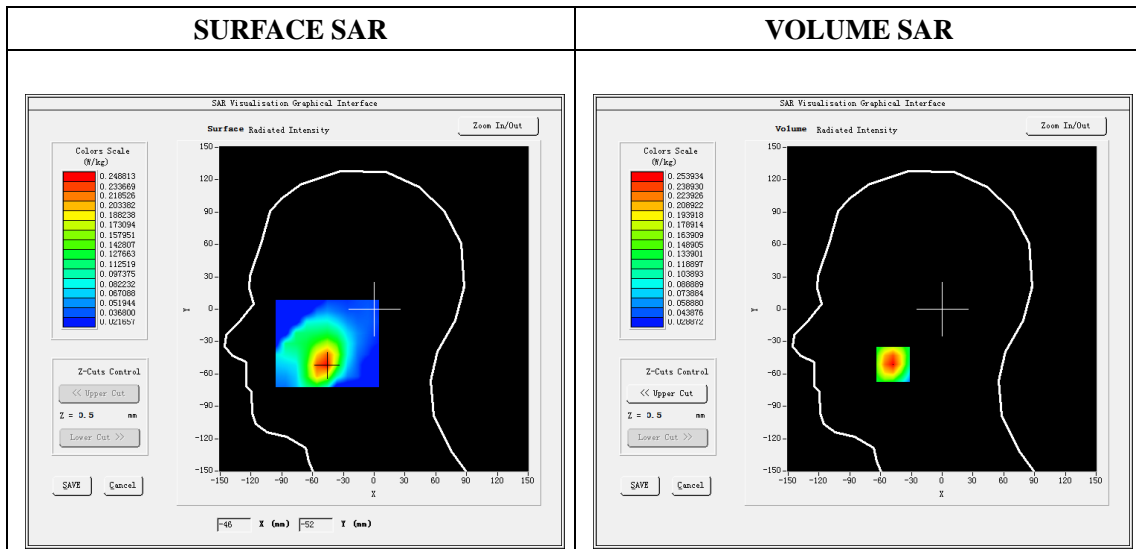
Type: Phone measurement  
 Date of measurement: 01/28/2021  
 Measurement duration: 22 minutes 03 seconds  
 Mobile Phone IMEI number: --

**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>	Band2_WCDMA1900
<b>Channels</b>	9400
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	40.49
<b>Relative permittivity (imaginary)</b>	13.17
<b>Conductivity (S/m)</b>	1.39
<b>Variation (%)</b>	4.21
<b>ConvF:</b>	2.20

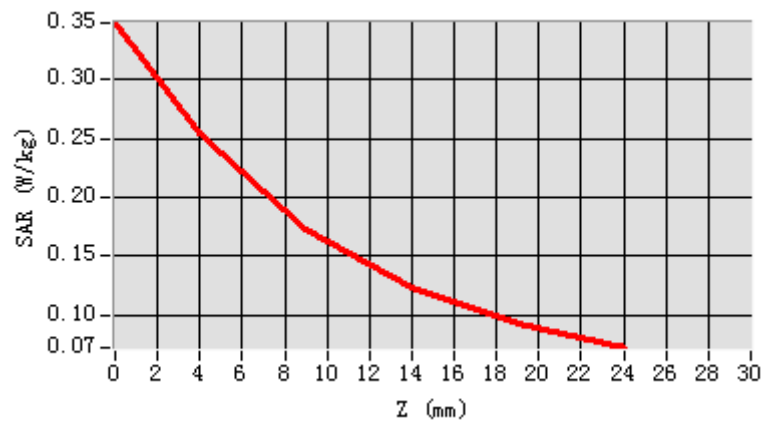


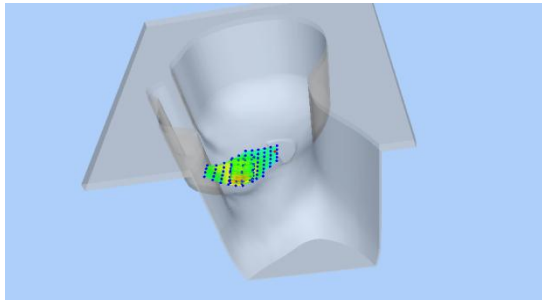
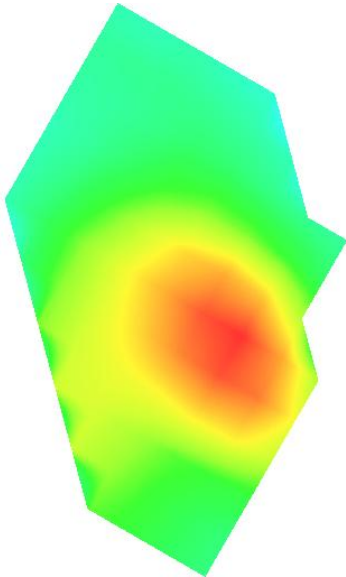
**Maximum location: X=-48.00, Y=-51.00**

**SAR Peak: 0.35W/kg**

<b>SAR 10g (W/Kg)</b>	0.154383
<b>SAR 1g (W/Kg)</b>	0.240290

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3477	0.2539	0.1735	0.1236	0.0935



3D screen shot	Hot spot position
	

**Plot 7: WCDMA1900, Back, Middle,10mm**

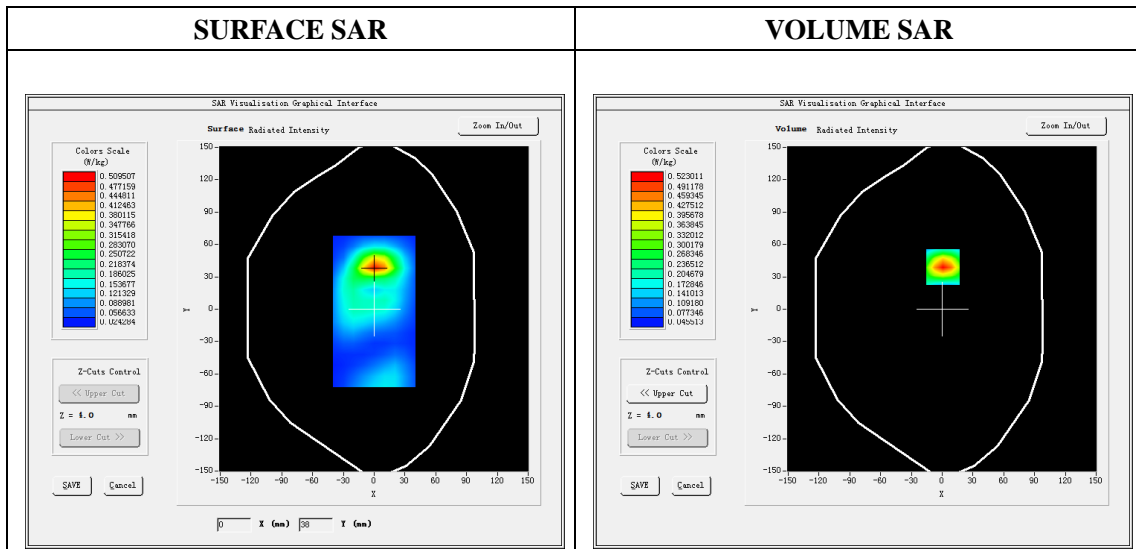
Type: Phone measurement  
 Date of measurement: 01/28/2021  
 Measurement duration: 22 minutes 07 seconds  
 Mobile Phone IMEI number: --

**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>	Band2_WCDMA1900
<b>Channels</b>	9400
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.28
<b>Relative permittivity (imaginary)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	-2.10
<b>ConvF:</b>	2.26

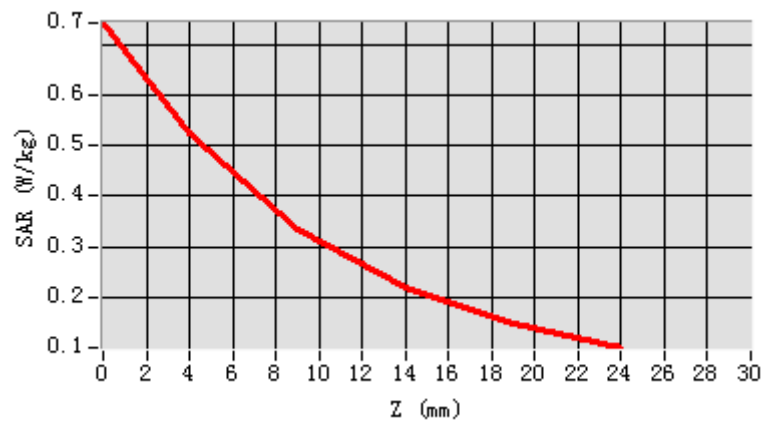


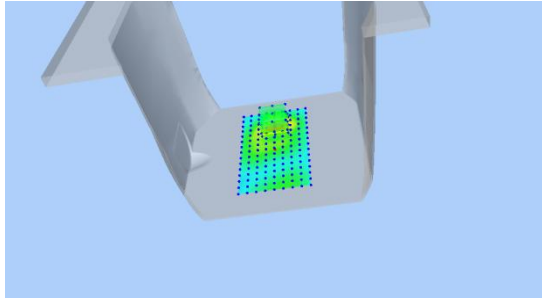
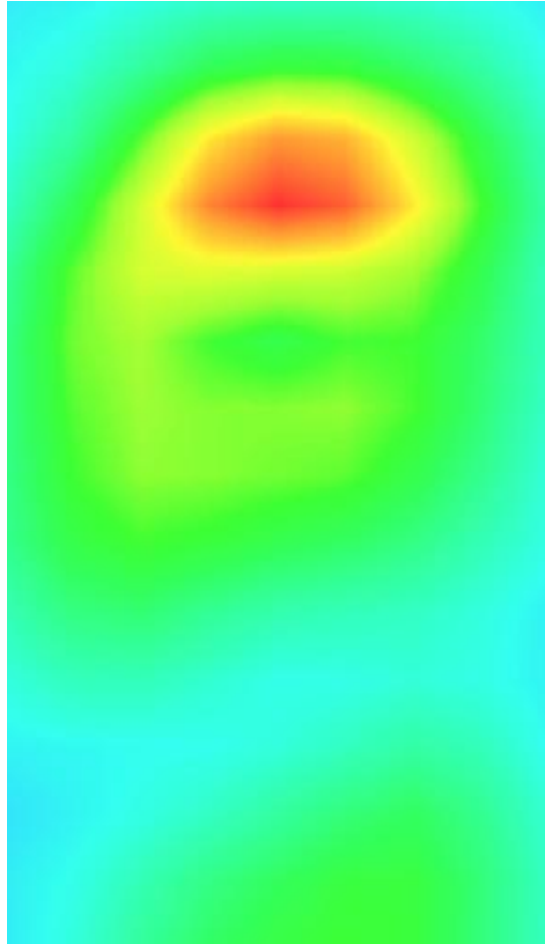
**Maximum location: X=1.00, Y=39.00**

**SAR Peak: 0.74W/kg**

<b>SAR 10g (W/Kg)</b>	0.276611
<b>SAR 1g (W/Kg)</b>	0.481868

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7431	0.5230	0.3355	0.2193	0.1487



3D screen shot	Hot spot position
	

**Plot 8: WCDMA1900, Edge C, Middle,10mm**

Type: Phone measurement

Date of measurement: 03/27/2020

Measurement duration: 22 minutes 08 seconds

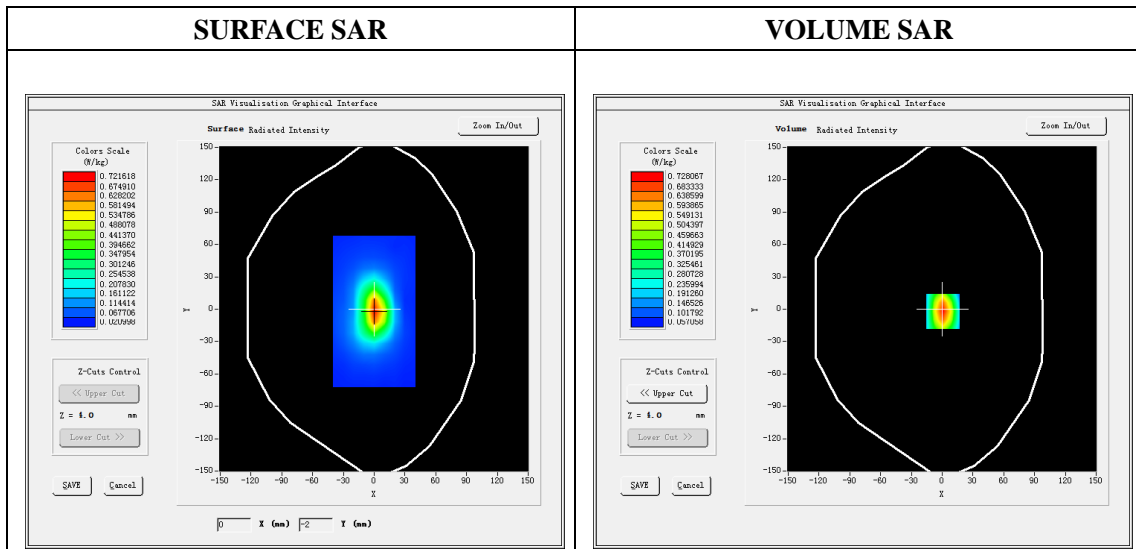
Mobile Phone IMEI number: --

**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>	Edge C
<b>Band</b>	Band2_WCDMA1900
<b>Channels</b>	9400
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.28
<b>Relative permittivity (imaginary)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	-0.77
<b>ConvF:</b>	2.26



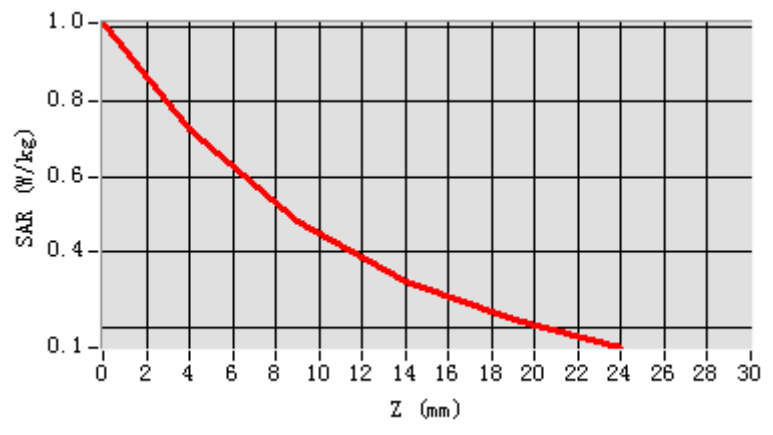
**Maximum location: X=1.00, Y=-2.00**

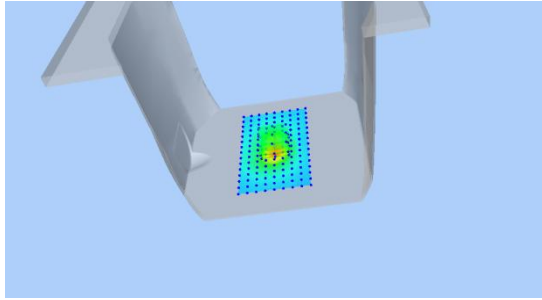
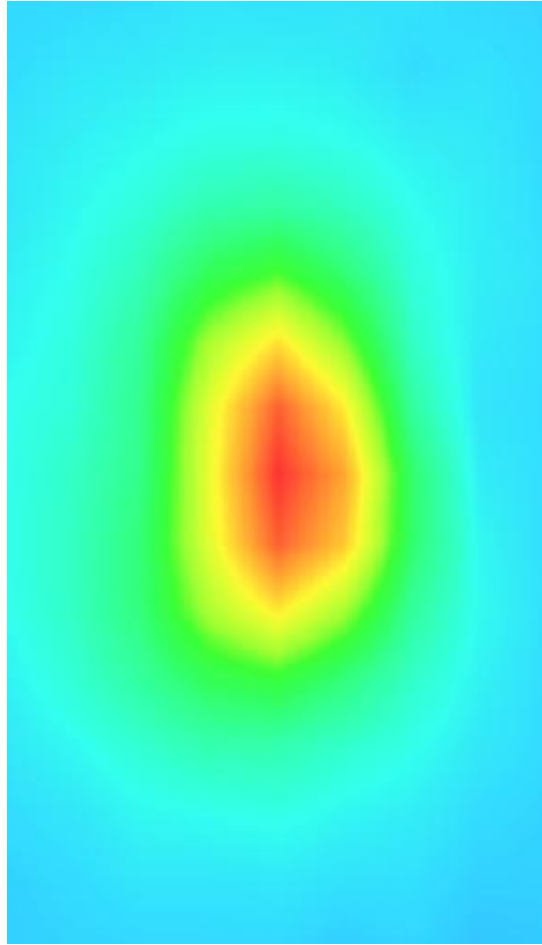
**SAR Peak: 1.01W/kg**

<b>SAR 10g (W/Kg)</b>	0.387902
<b>SAR 1g (W/Kg)</b>	0.670343



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.0096</b>	<b>0.7281</b>	<b>0.4809</b>	<b>0.3211</b>	<b>0.2190</b>



3D screen shot	Hot spot position
	

**Plot 9: WCDMA1700, Right Cheek, Middle**

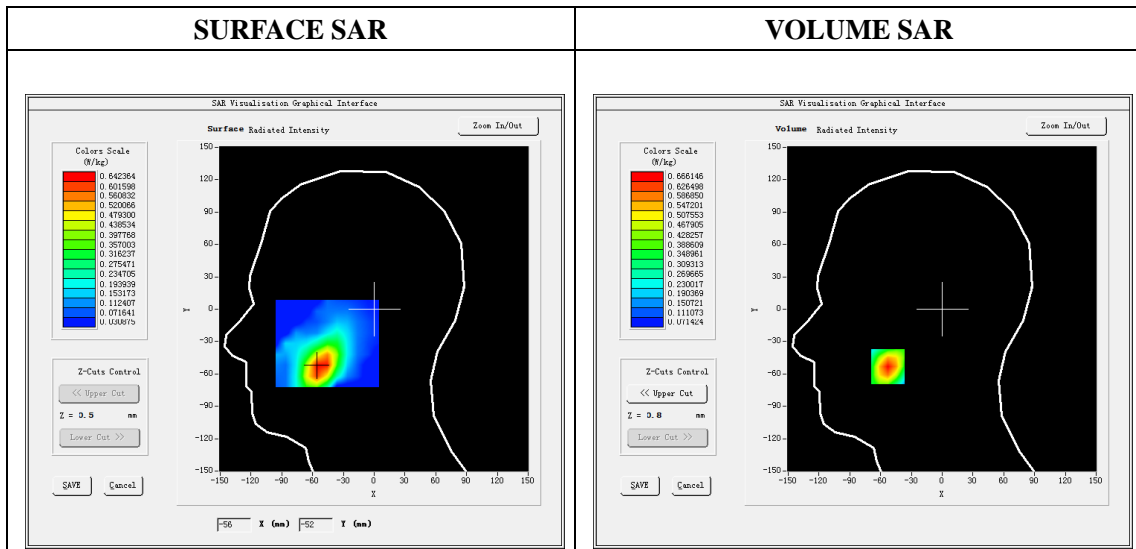
Type: Phone measurement  
 Date of measurement: 01/27/2021  
 Measurement duration: 22 minutes 10 seconds  
 Mobile Phone IMEI number: --

**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>	Band2_WCDMA1700
<b>Channels</b>	1413
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1732.6
<b>Relative permittivity (real part)</b>	40.55
<b>Relative permittivity (imaginary)</b>	14.50
<b>Conductivity (S/m)</b>	1.45
<b>Variation (%)</b>	-4.99
<b>ConvF:</b>	2.04

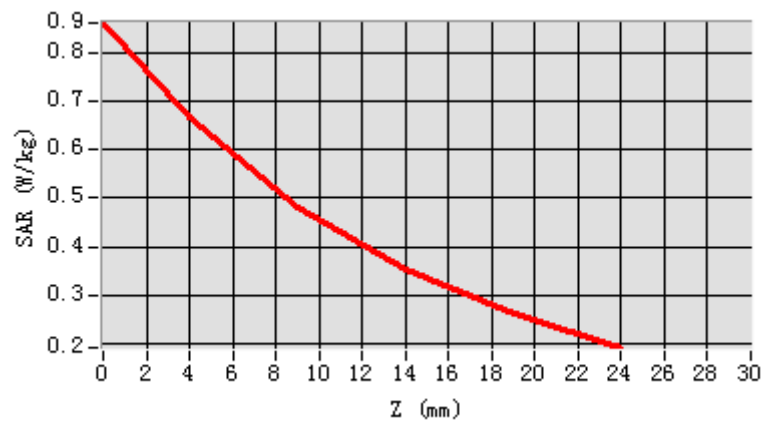


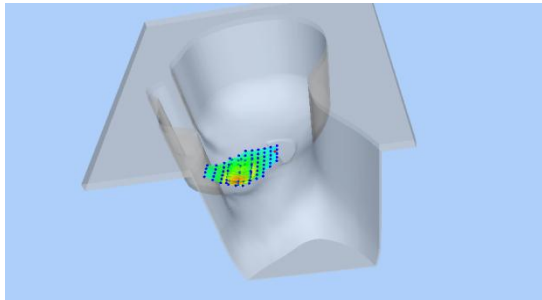
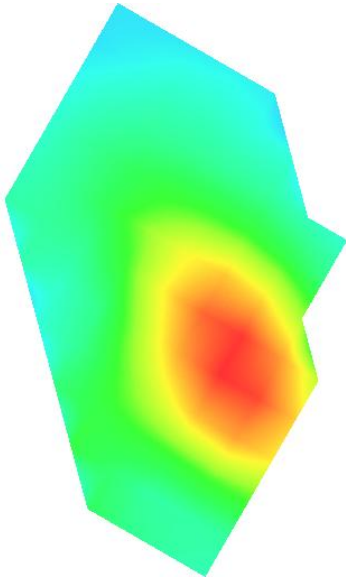
**Maximum location: X=-53.00, Y=-53.00**

**SAR Peak: 0.87W/kg**

<b>SAR 10g (W/Kg)</b>	0.406825
<b>SAR 1g (W/Kg)</b>	0.636495

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8625	0.6661	0.4820	0.3522	0.2608



3D screen shot	Hot spot position
	

**Plot 10: WCDMA1700, Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/27/2021

Measurement duration: 22 minutes 09 seconds

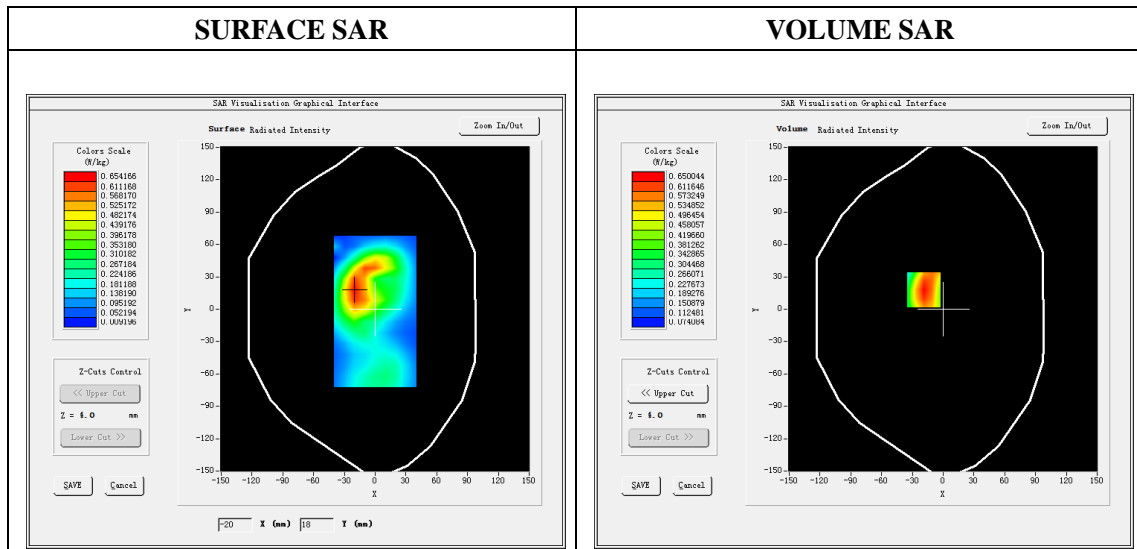
Mobile Phone IMEI number: --

**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>	Back
<b>Band</b>	Band2_WCDMA1700
<b>Channels</b>	1413
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1732.6
<b>Relative permittivity (real part)</b>	53.34
<b>Relative permittivity (imaginary)</b>	15.60
<b>Conductivity (S/m)</b>	1.56
<b>Variation (%)</b>	-1.93
<b>ConvF:</b>	2.09

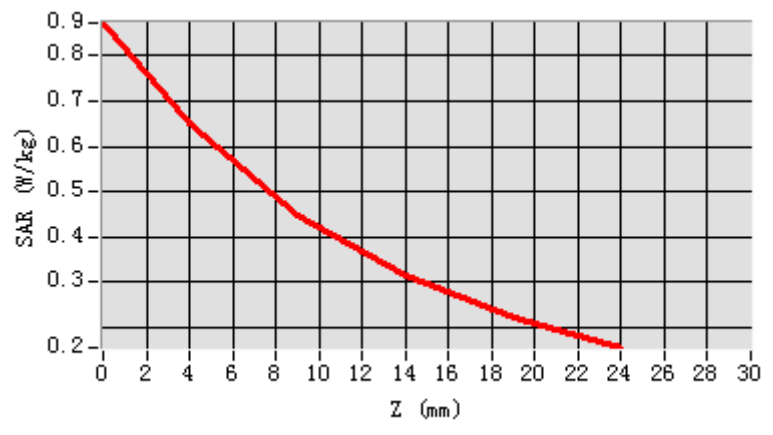


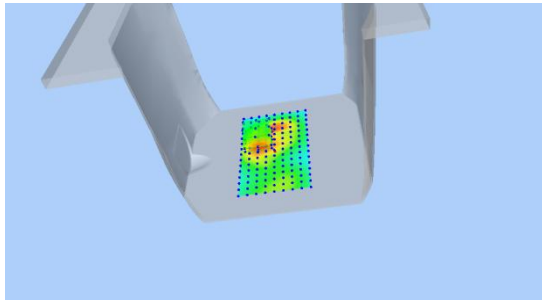
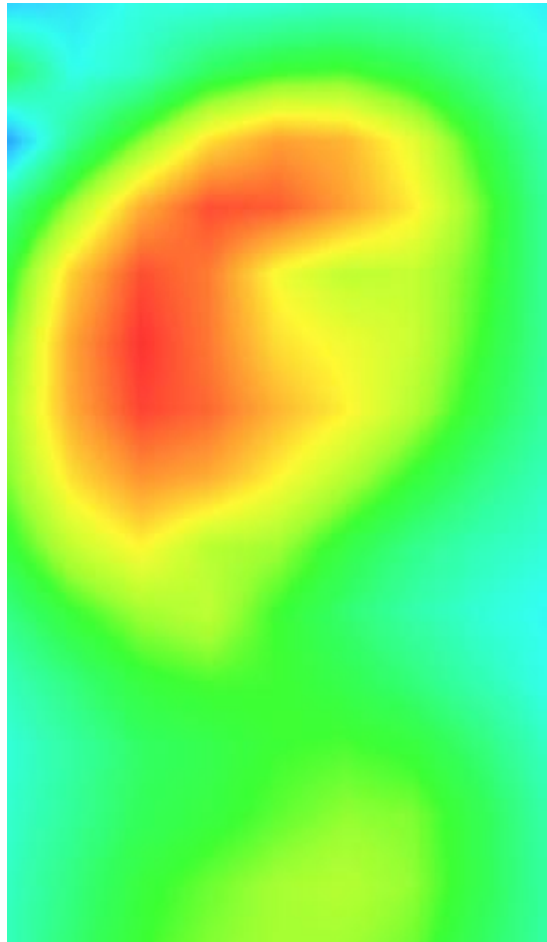
**Maximum location: X=-19.00, Y=18.00**

**SAR Peak: 0.88W/kg**

<b>SAR 10g (W/Kg)</b>	0.407137
<b>SAR 1g (W/Kg)</b>	0.629105

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8721	0.6500	0.4489	0.3134	0.2227



3D screen shot	Hot spot position
	

**Plot 11: WCDMA1700, Edge C, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/27/2021

Measurement duration: 22 minutes 11 seconds

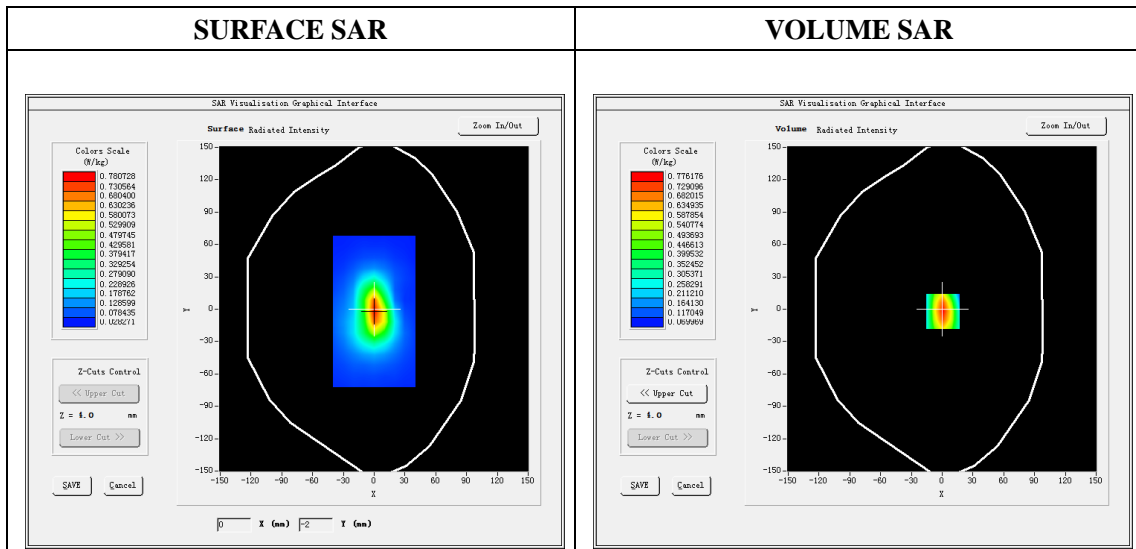
Mobile Phone IMEI number: --

**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>	Edge C
<b>Band</b>	Band2_WCDMA1700
<b>Channels</b>	1413
<b>Signal</b>	WCDMA (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1732.6
<b>Relative permittivity (real part)</b>	53.34
<b>Relative permittivity (imaginary)</b>	15.60
<b>Conductivity (S/m)</b>	1.56
<b>Variation (%)</b>	-1.97
<b>ConvF:</b>	2.09

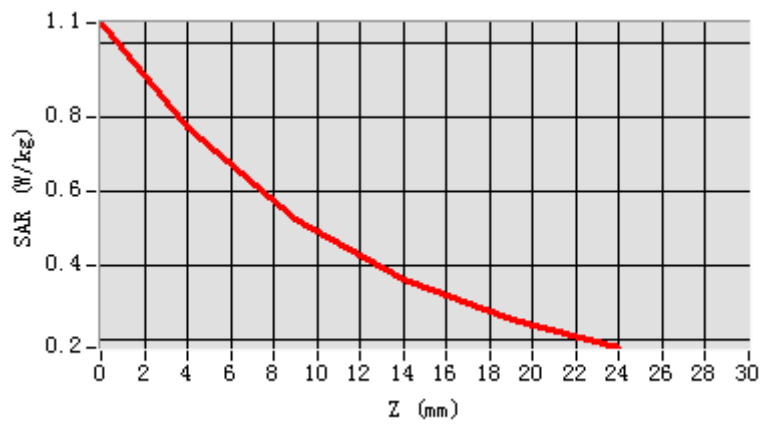


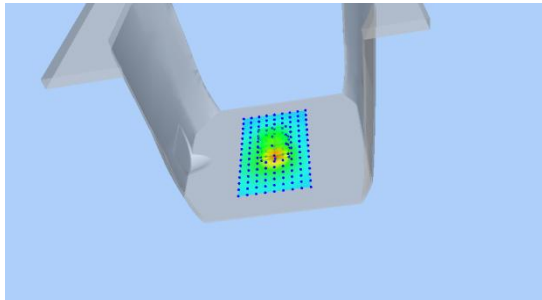
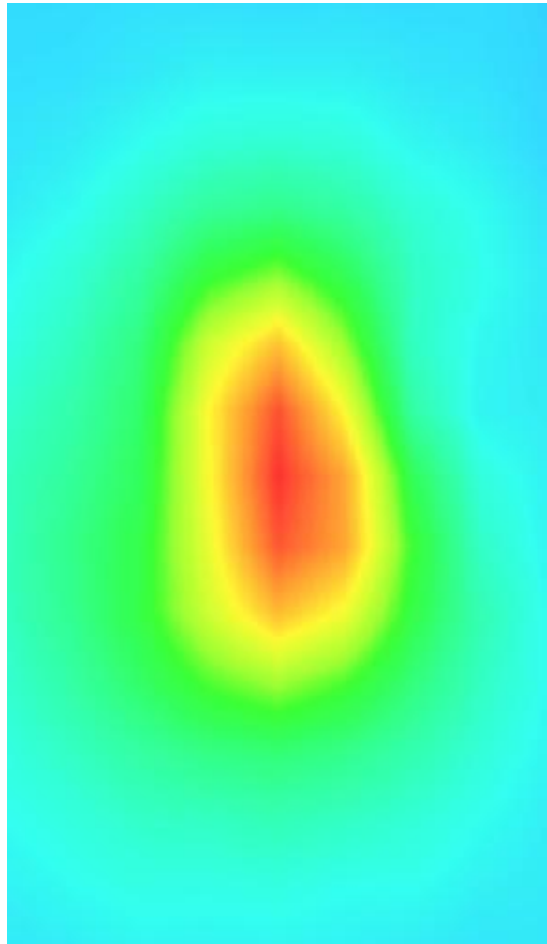
**Maximum location: X=1.00, Y=-2.00**

**SAR Peak: 1.06W/kg**

<b>SAR 10g (W/Kg)</b>	0.440587
<b>SAR 1g (W/Kg)</b>	0.733859

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.0550</b>	<b>0.7762</b>	<b>0.5275</b>	<b>0.3633</b>	<b>0.2560</b>



3D screen shot	Hot spot position
	

**Plot 12: WCDMA850, Right Cheek, Middle**

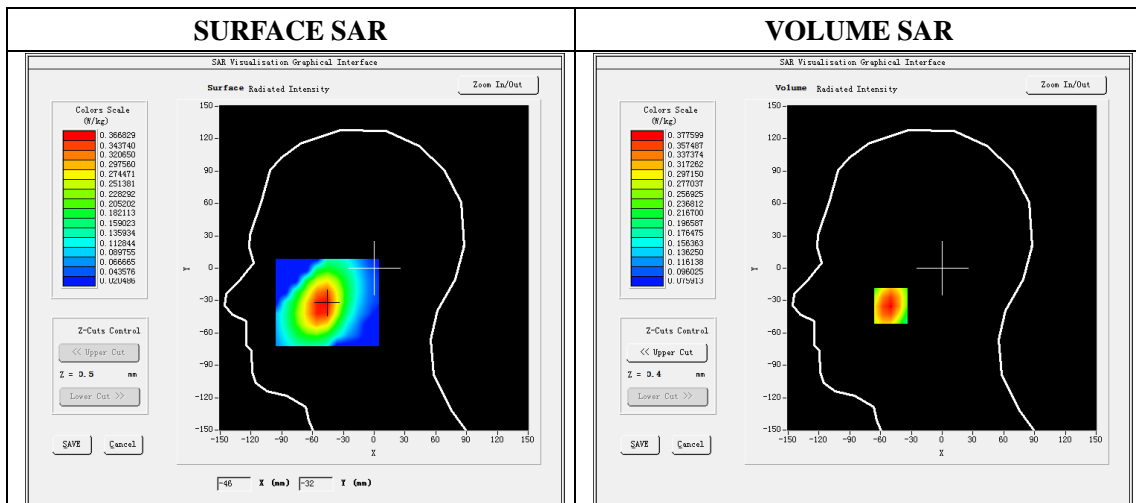
Type: Phone measurement  
 Date of measurement: 01/25/2021  
 Measurement duration: 22 minutes 14 seconds  
 Mobile Phone IMEI number: --

**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>	Right Cheek
<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_27/15_EPG0261
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	41.53
<b>Relative permittivity (imaginary)</b>	19.83
<b>Conductivity (S/m)</b>	0.92
<b>Variation (%)</b>	-4.39
<b>ConvF:</b>	1.86

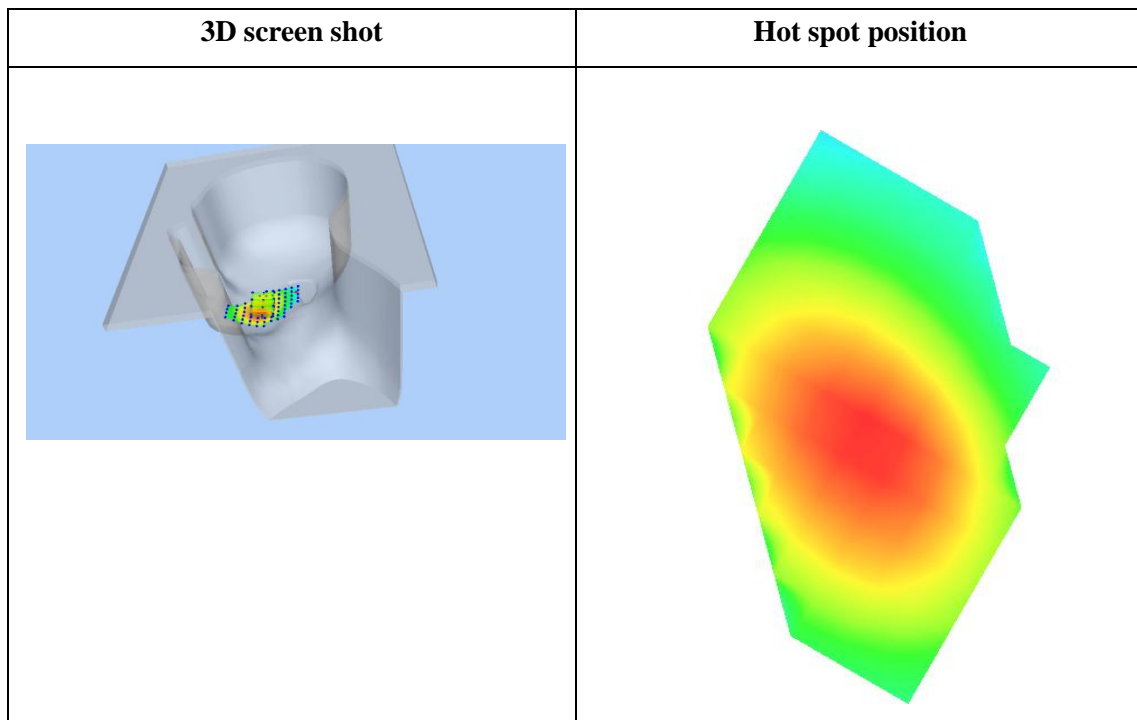
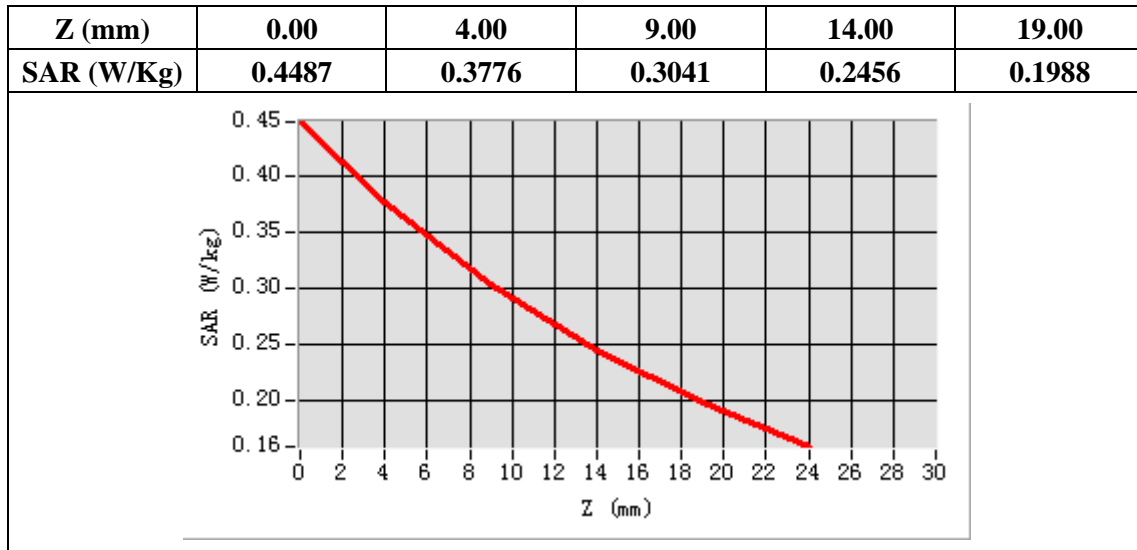


**Maximum location: X=-50.00, Y=-35.00**

**SAR Peak: 0.45W/kg**

<b>SAR 10g (W/Kg)</b>	0.272691
<b>SAR 1g (W/Kg)</b>	0.363870





**Plot 13: WCDMA850, Back, Middle,10mm**

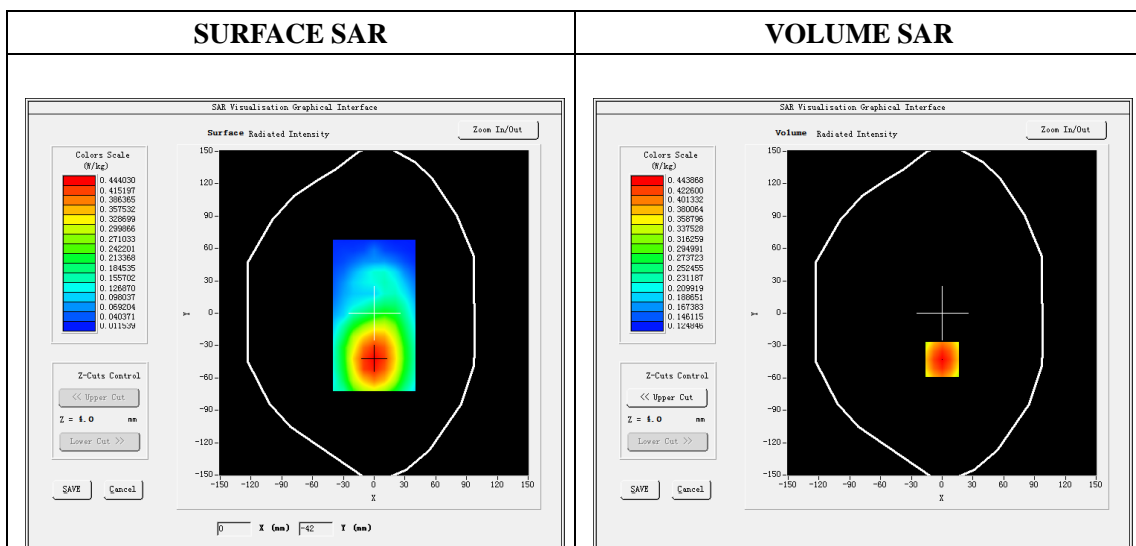
Type: Phone measurement  
 Date of measurement: 01/25/2021  
 Measurement duration: 22 minutes 17 seconds  
 Mobile Phone IMEI number: --

**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>	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_27/15_EPG0261
<b>Frequency (MHz)</b>	836.6
<b>Relative permittivity (real part)</b>	55.21
<b>Relative permittivity (imaginary)</b>	20.91
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	-1.48
<b>ConvF:</b>	1.90

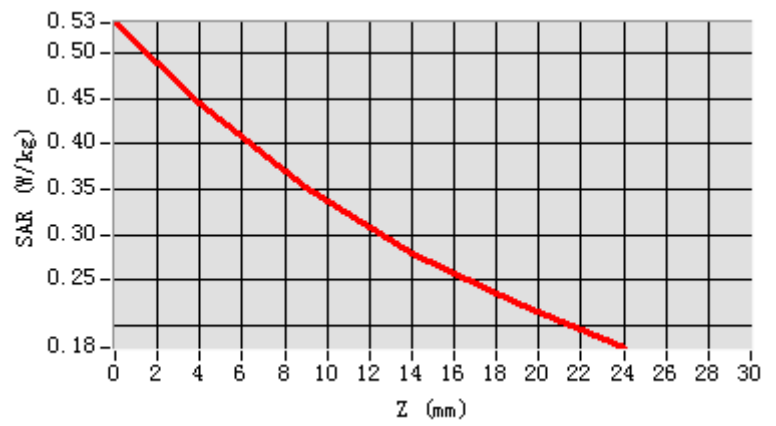


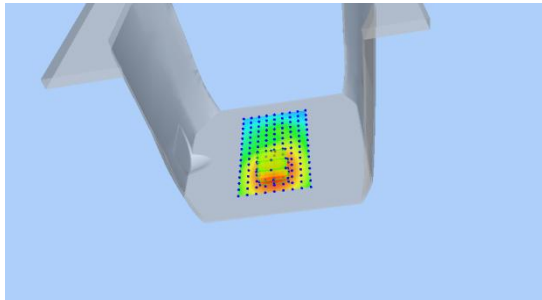
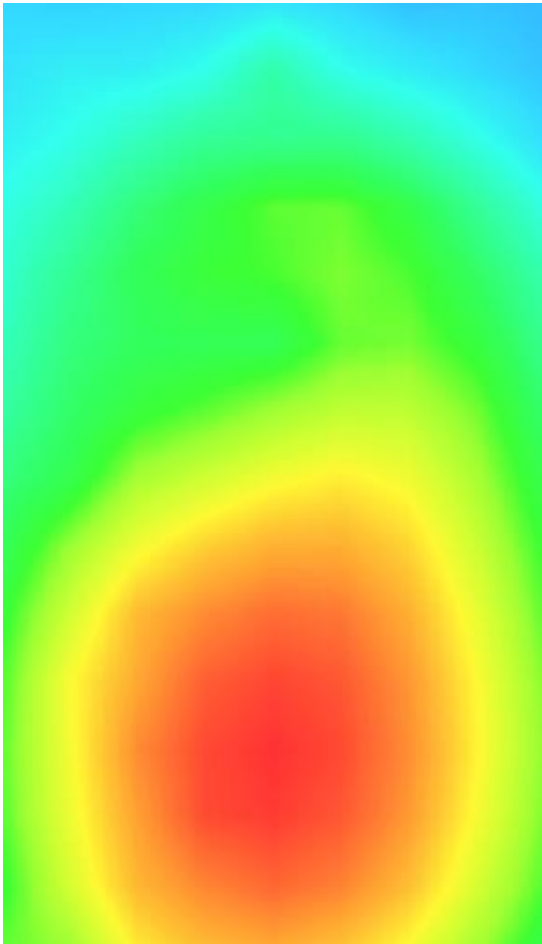
**Maximum location: X=0.00, Y=-43.00**

**SAR Peak: 0.53W/kg**

<b>SAR 10g (W/Kg)</b>	0.323435
<b>SAR 1g (W/Kg)</b>	0.428613

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5331	0.4439	0.3524	0.2803	0.2232



3D screen shot	Hot spot position
	

**Plot 14: LTE Band2, 20MHz, Right Cheek, Middle**

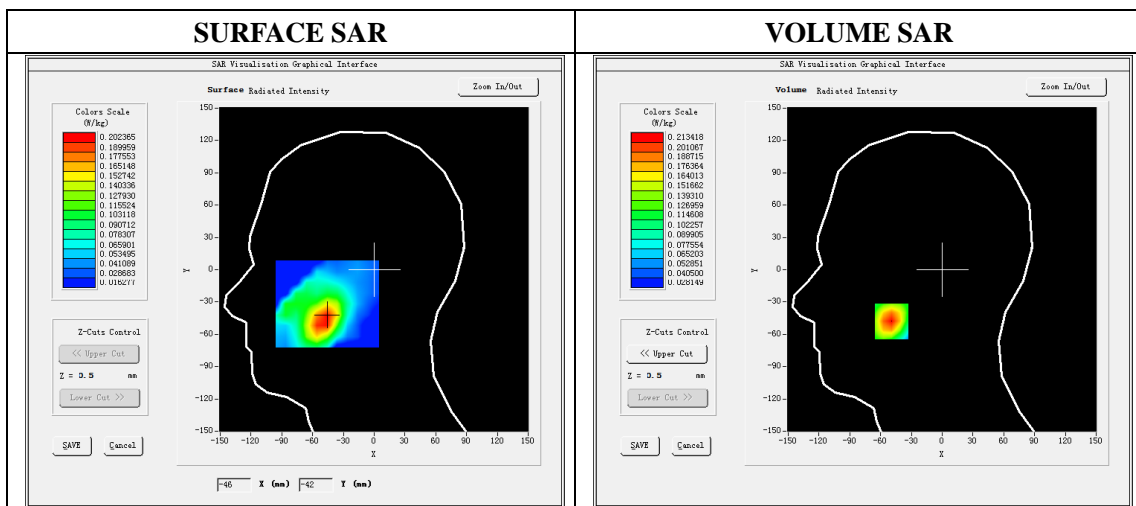
Type: Phone measurement  
 Date of measurement: 01/28/2021  
 Measurement duration: 22 minutes 12 seconds  
 Mobile Phone IMEI number: --

**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 2
<b>Channels</b>	18900
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	40.49
<b>Relative permittivity (imaginary)</b>	13.17
<b>Conductivity (S/m)</b>	1.39
<b>Variation (%)</b>	-2.59
<b>ConvF:</b>	2.20

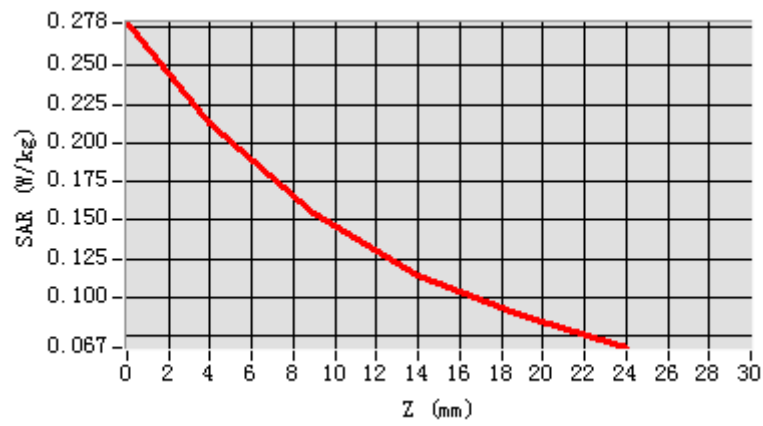


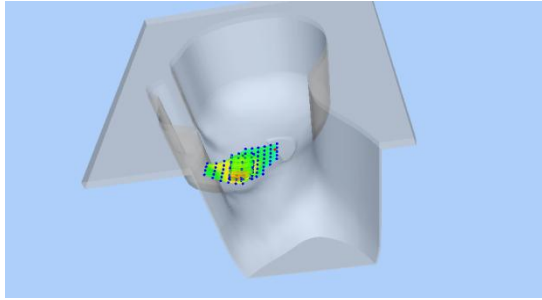
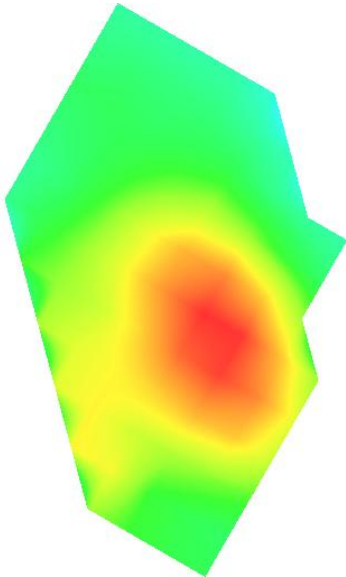
**Maximum location: X=-49.00, Y=-48.00**

**SAR Peak: 0.28 W/kg**

<b>SAR 10g (W/Kg)</b>	0.134384
<b>SAR 1g (W/Kg)</b>	0.201720

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2778	0.2134	0.1545	0.1145	0.0875



3D screen shot	Hot spot position
	

**Plot 15: LTE Band2, 20MHz, Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/28/2021

Measurement duration: 22 minutes 16 seconds

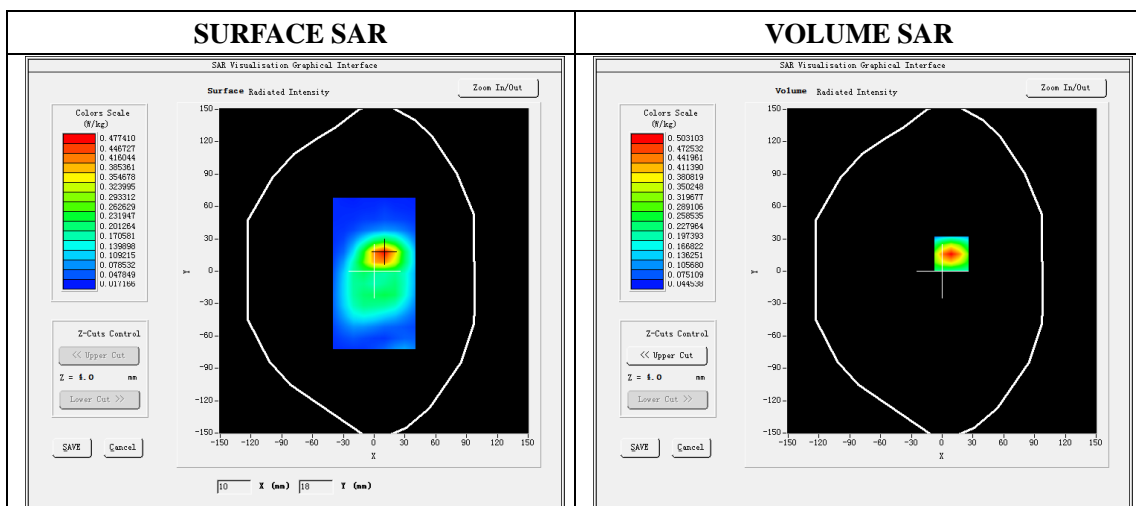
Mobile Phone IMEI number: --

**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 2
<b>Channels</b>	18900
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

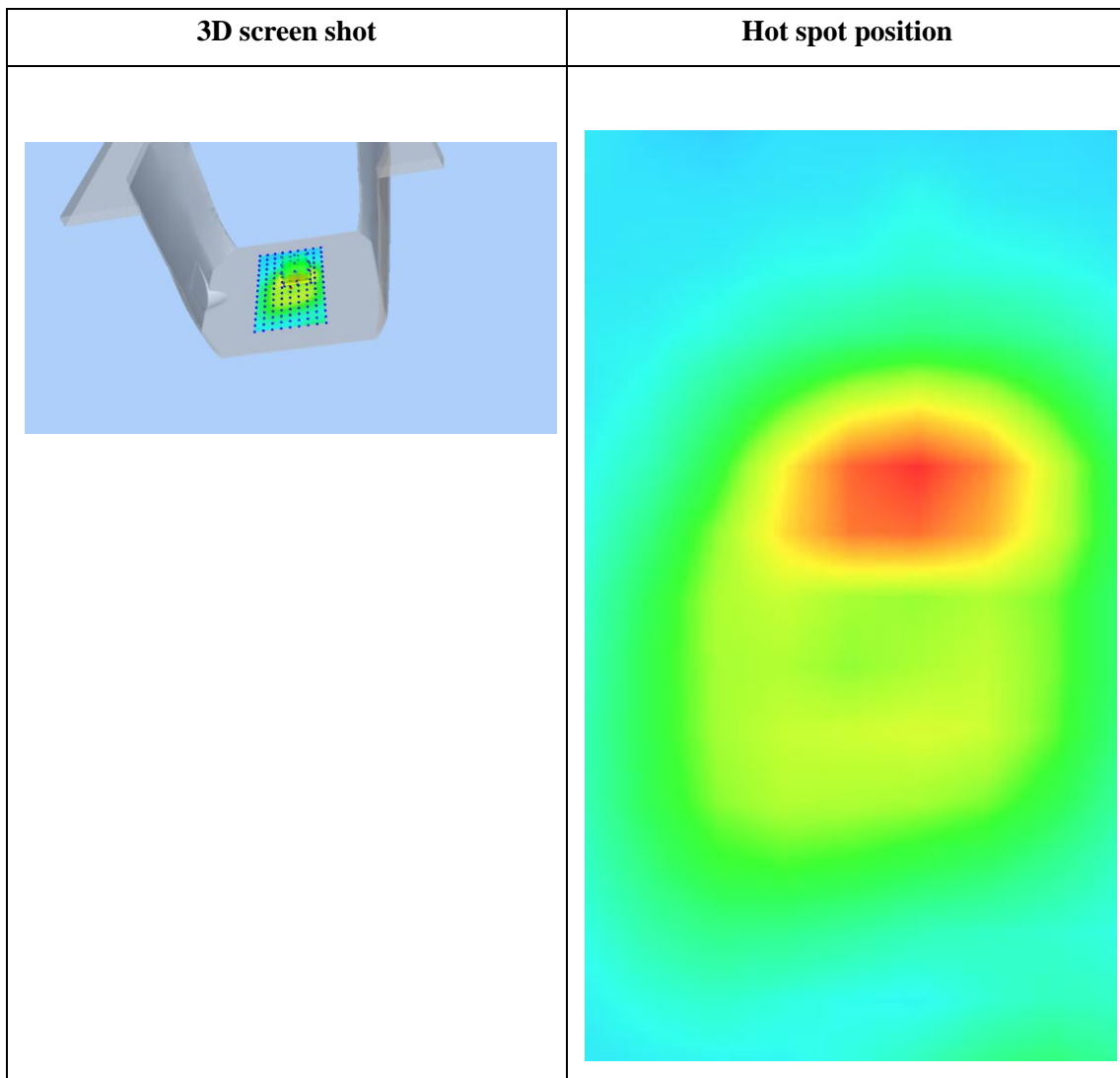
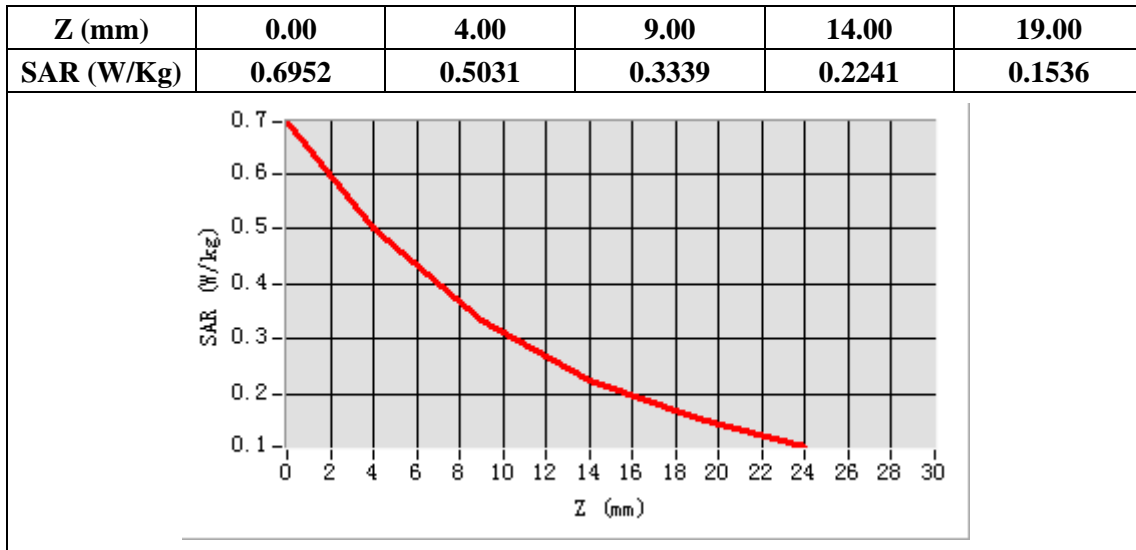
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.28
<b>Relative permittivity (imaginary)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	-1.04
<b>ConvF:</b>	2.26



**Maximum location: X=9.00, Y=16.00**

**SAR Peak: 0.70W/kg**

<b>SAR 10g (W/Kg)</b>	0.271549
<b>SAR 1g (W/Kg)</b>	0.465112



**Plot 16: LTE Band2, 20MHz, Edge C, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/28/2021

Measurement duration: 22 minutes 18 seconds

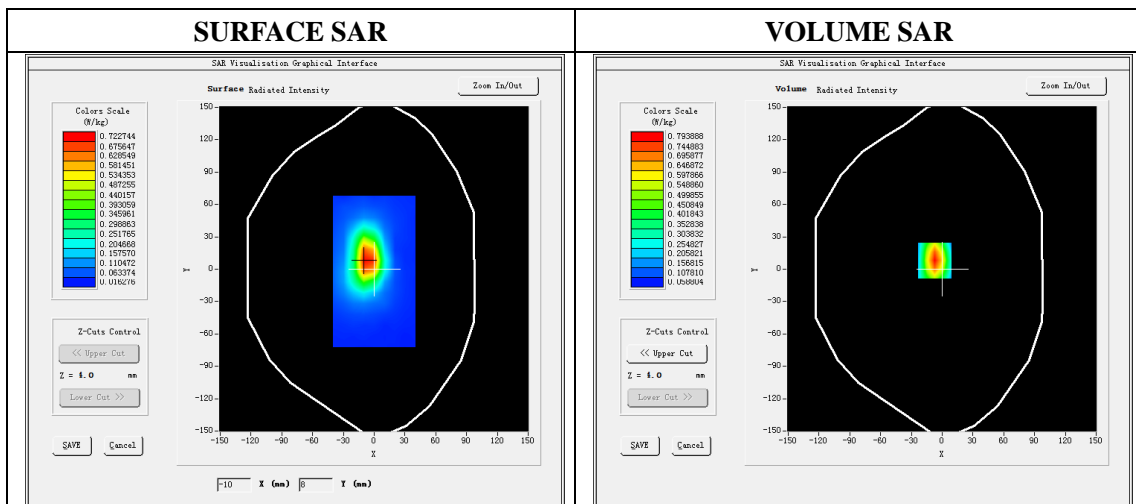
Mobile Phone IMEI number: --

**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>	Edge C
<b>Band</b>	LTE Band 2
<b>Channels</b>	18900
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1880
<b>Relative permittivity (real part)</b>	53.28
<b>Relative permittivity (imaginary)</b>	14.21
<b>Conductivity (S/m)</b>	1.50
<b>Variation (%)</b>	-0.34
<b>ConvF:</b>	2.26



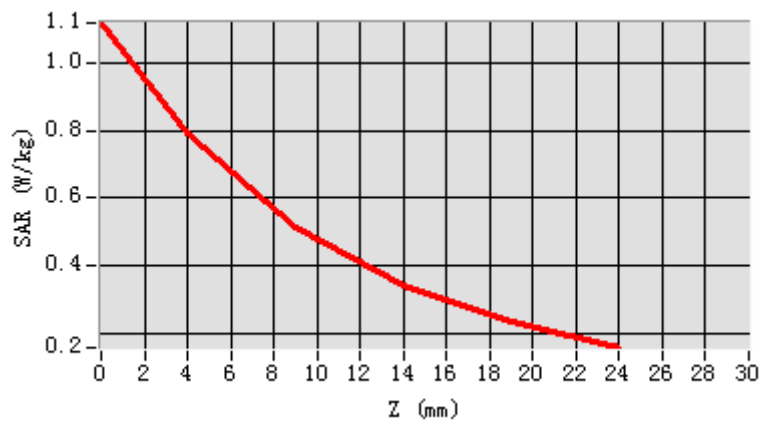
**Maximum location: X=-7.00, Y=8.00**

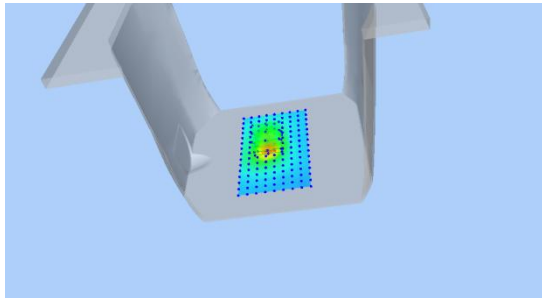
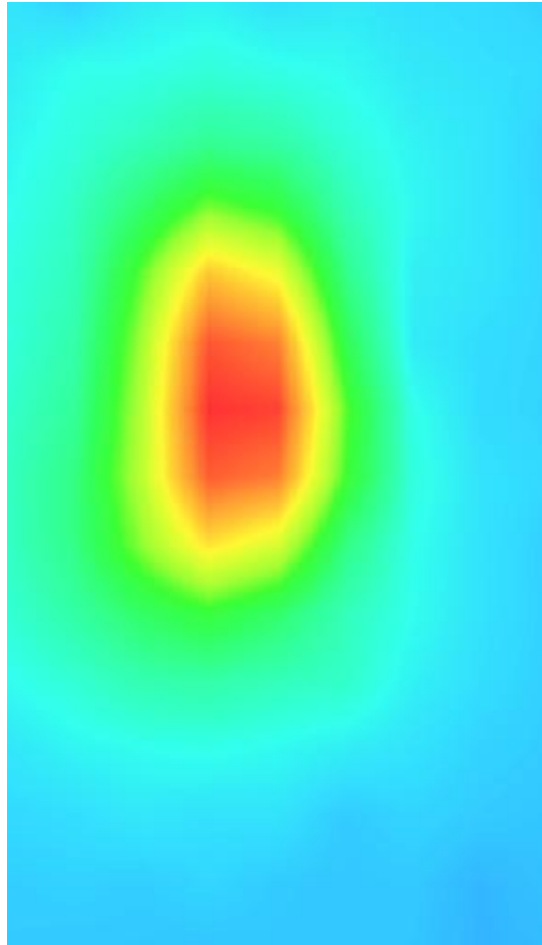
**SAR Peak: 1.12W/kg**

<b>SAR 10g (W/Kg)</b>	0.418825
<b>SAR 1g (W/Kg)</b>	0.730418



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.1188	0.7939	0.5148	0.3398	0.2321



3D screen shot	Hot spot position
	

**Plot 17: LTE Band4, 20MHz, Right Cheek, Middle**

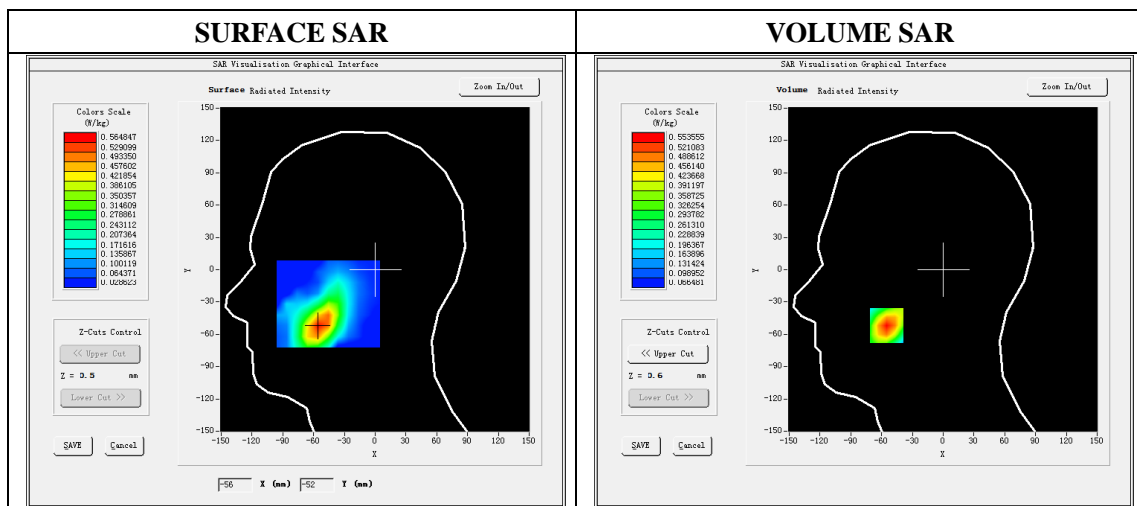
Type: Phone measurement  
 Date of measurement: 01/27/2021  
 Measurement duration: 22 minutes 15 seconds  
 Mobile Phone IMEI number: --

**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>	Right Cheek
<b>Band</b>	LTE Band 4
<b>Channels</b>	20175
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1732.5
<b>Relative permittivity (real part)</b>	40.55
<b>Relative permittivity (imaginary)</b>	14.50
<b>Conductivity (S/m)</b>	1.45
<b>Variation (%)</b>	-3.42
<b>ConvF:</b>	2.04

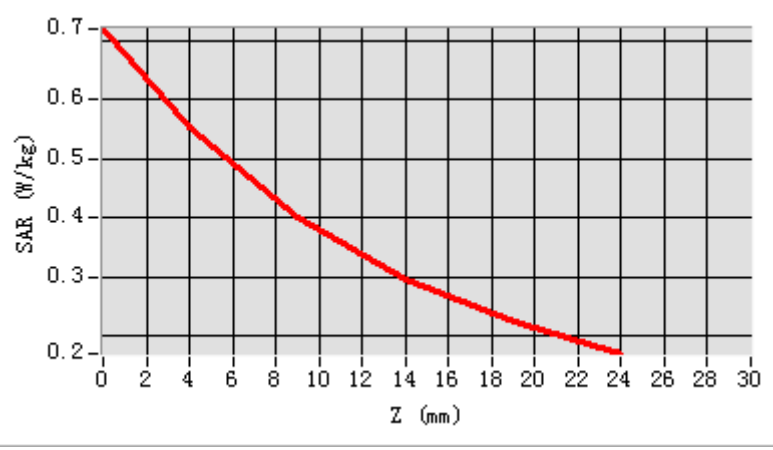


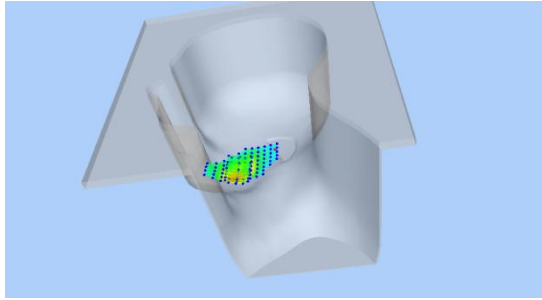
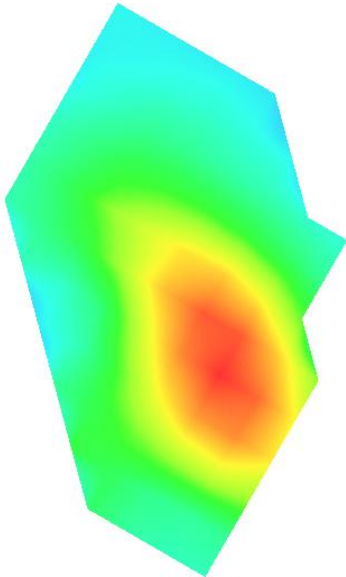
**Maximum location: X=-55.00, Y=-52.00**

**SAR Peak: 0.73 W/kg**

<b>SAR 10g (W/Kg)</b>	0.344609
<b>SAR 1g (W/Kg)</b>	0.531312

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.7208</b>	<b>0.5536</b>	<b>0.3998</b>	<b>0.2946</b>	<b>0.2229</b>



3D screen shot	Hot spot position
	

**Plot 18: LTE Band4, 20MHz, Face, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/27/2021

Measurement duration: 22 minutes 13 seconds

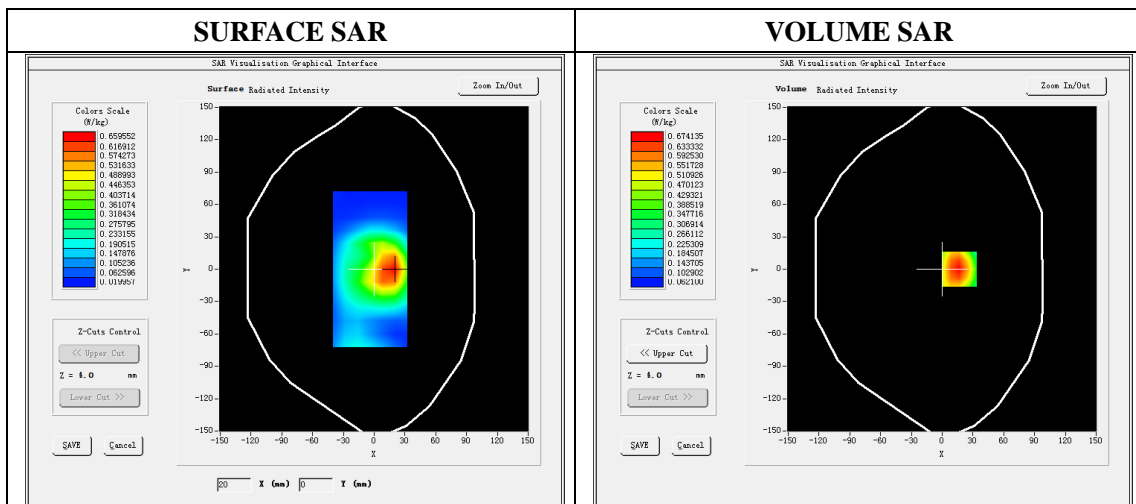
Mobile Phone IMEI number: --

**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>	Face
<b>Band</b>	LTE Band 4
<b>Channels</b>	20175
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

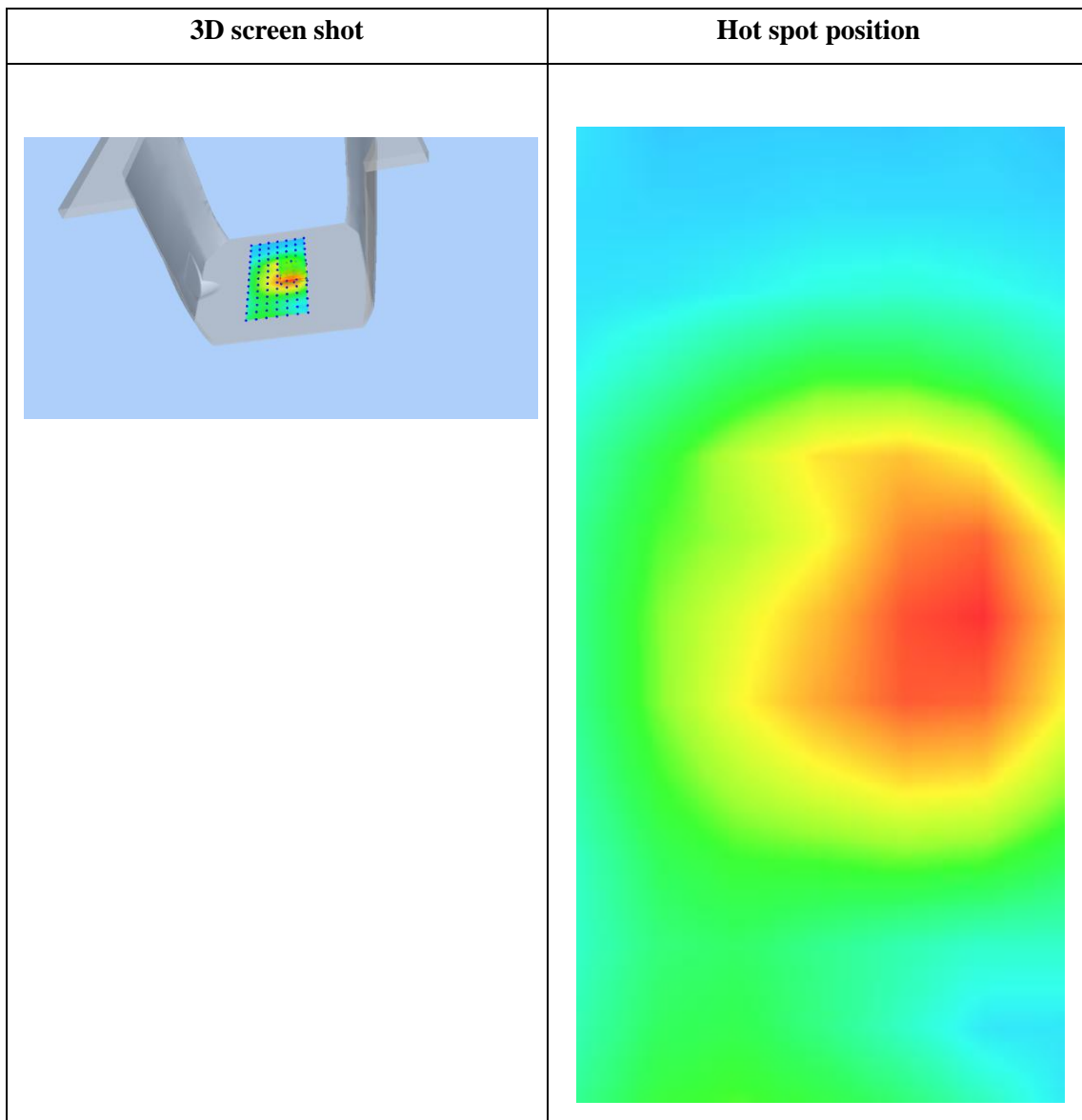
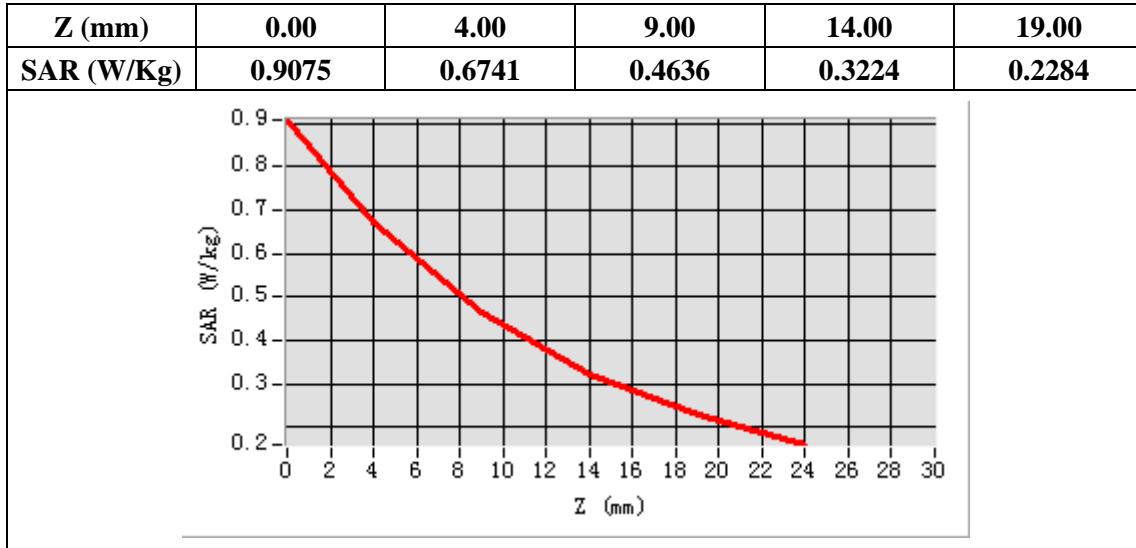
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1732.5
<b>Relative permittivity (real part)</b>	53.34
<b>Relative permittivity (imaginary)</b>	15.60
<b>Conductivity (S/m)</b>	1.56
<b>Variation (%)</b>	-0.09
<b>ConvF:</b>	2.09



**Maximum location: X=17.00, Y=0.00**

**SAR Peak: 0.91W/kg**

<b>SAR 10g (W/Kg)</b>	0.419845
<b>SAR 1g (W/Kg)</b>	0.654440



**Plot 19: LTE Band4, 20MHz, Edge C, Middle,10mm**

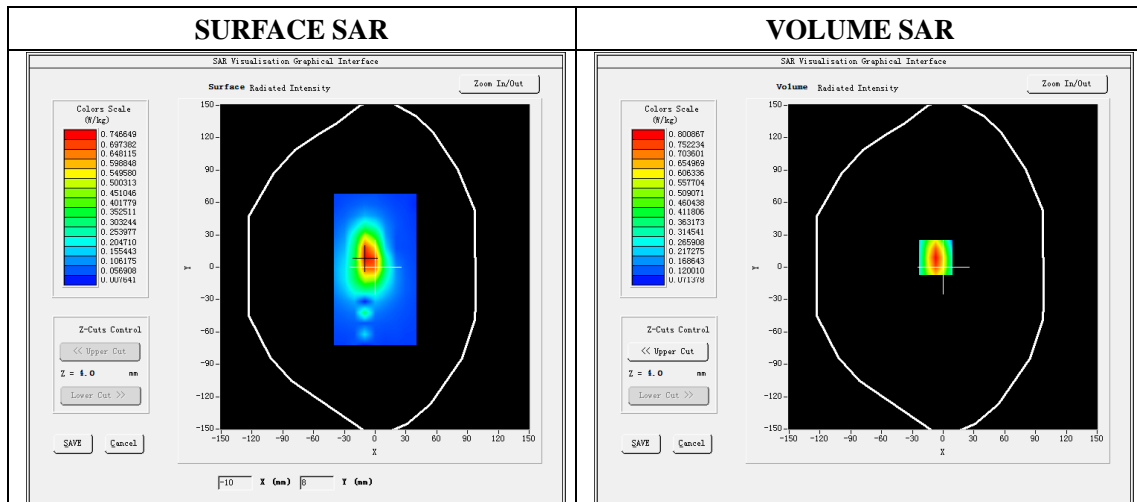
Type: Phone measurement  
 Date of measurement: 01/27/2021  
 Measurement duration: 22 minutes 19 seconds  
 Mobile Phone IMEI number: --

**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>	Edge C
<b>Band</b>	LTE Band 4
<b>Channels</b>	20175
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

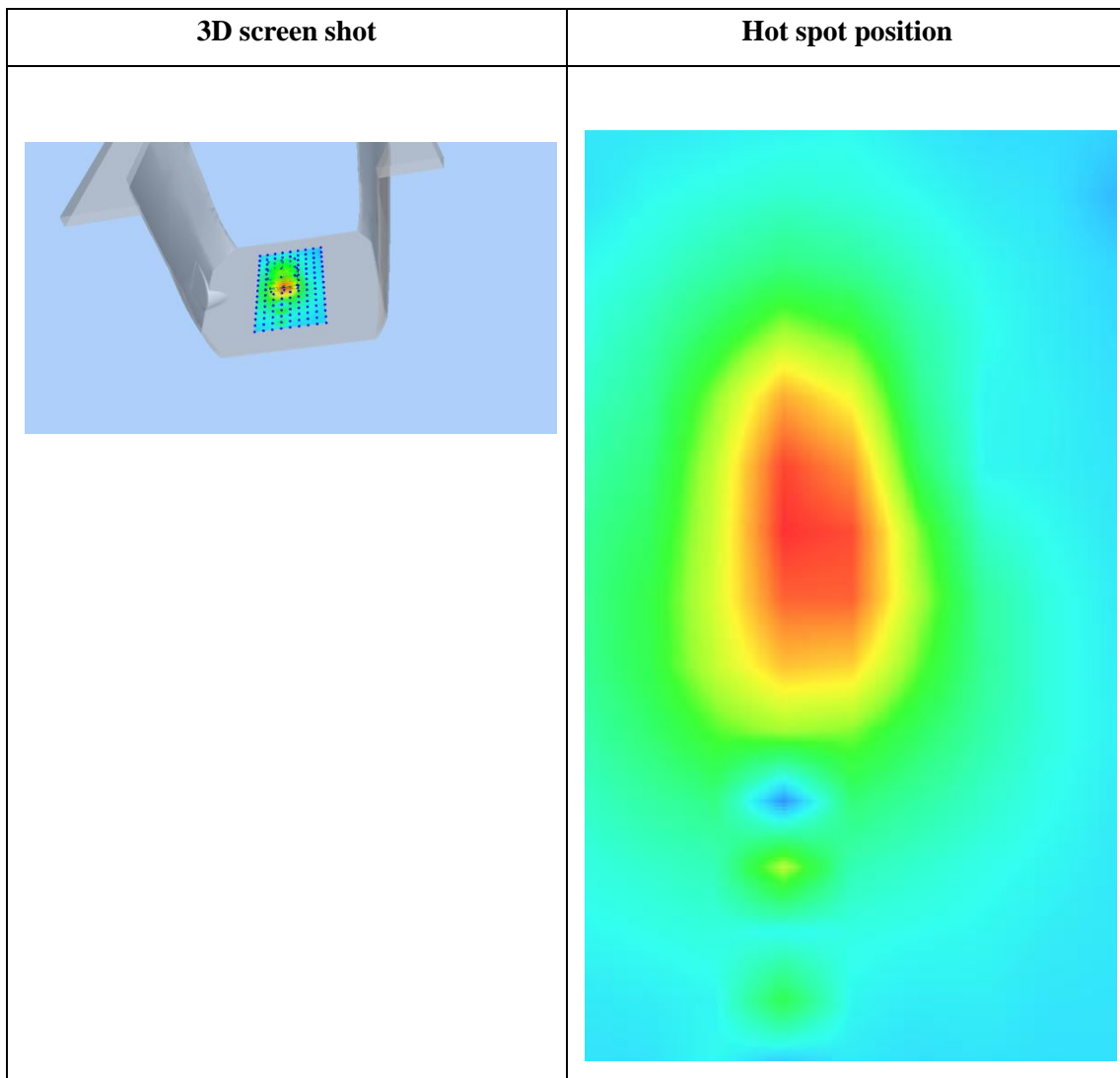
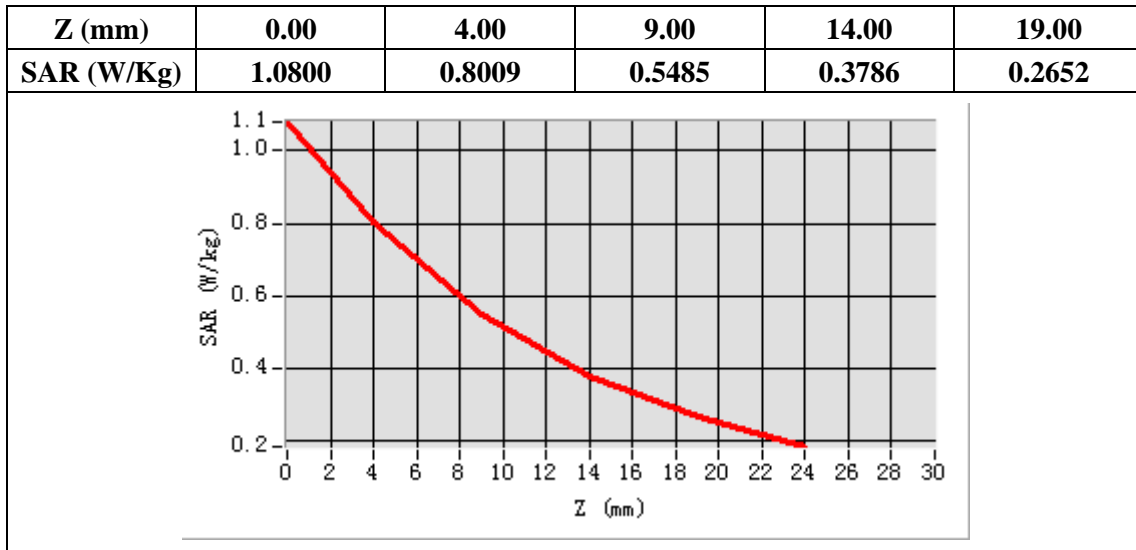
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	1732.5
<b>Relative permittivity (real part)</b>	53.34
<b>Relative permittivity (imaginary)</b>	15.60
<b>Conductivity (S/m)</b>	1.56
<b>Variation (%)</b>	-0.60
<b>ConvF:</b>	2.09



**Maximum location: X=-7.00, Y=9.00**

**SAR Peak: 1.08W/kg**

<b>SAR 10g (W/Kg)</b>	0.457136
<b>SAR 1g (W/Kg)</b>	0.758666



**Plot 20: LTE Band5, 10MHz,Right Cheek, Middle**

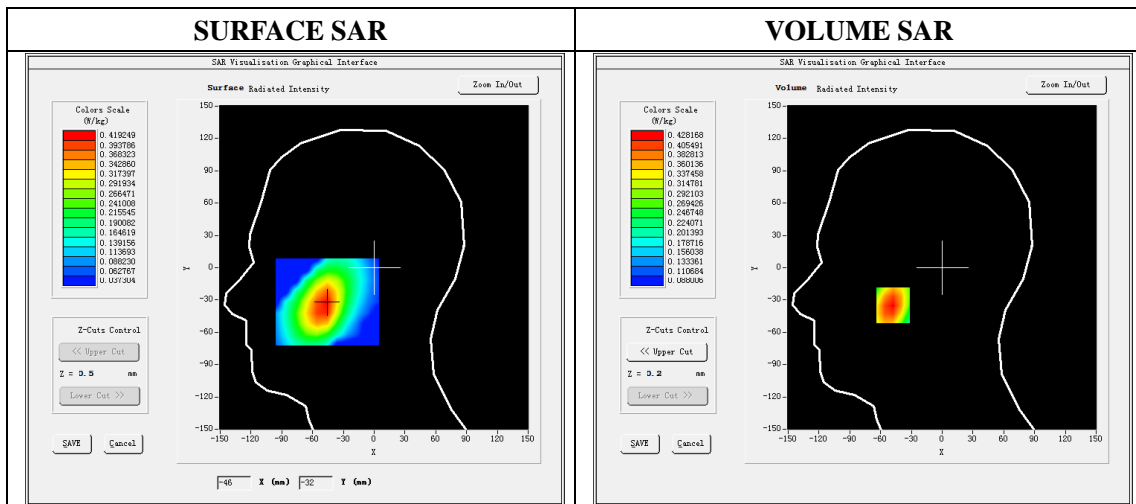
Type: Phone measurement  
 Date of measurement: 01/25/2021  
 Measurement duration: 22 minutes 20 seconds  
 Mobile Phone IMEI number: --

**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_27/15_EPG0261
<b>Frequency (MHz)</b>	836.5
<b>Relative permittivity (real part)</b>	41.53
<b>Relative permittivity (imaginary)</b>	19.83
<b>Conductivity (S/m)</b>	0.92
<b>Variation (%)</b>	-1.76
<b>ConvF:</b>	1.86



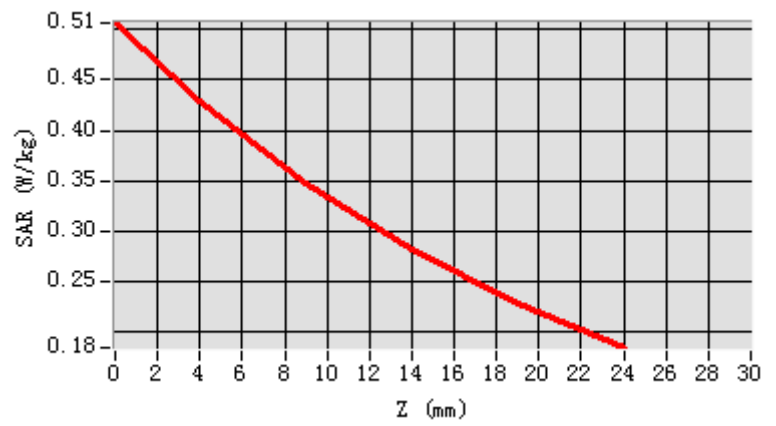
**Maximum location: X=-48.00, Y=-35.00**

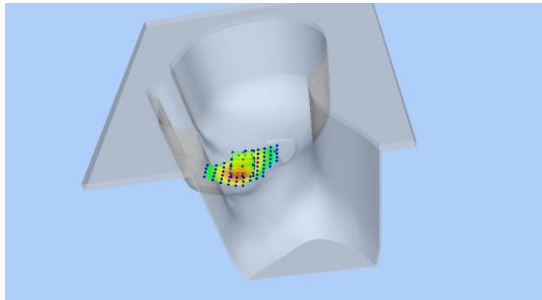
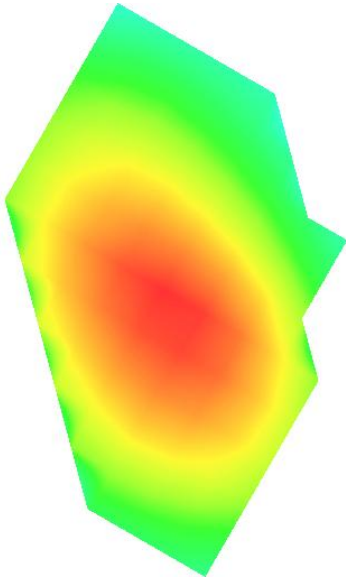
**SAR Peak: 0.51 W/kg**

<b>SAR 10g (W/Kg)</b>	0.309668
<b>SAR 1g (W/Kg)</b>	0.412973



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5065	0.4282	0.3469	0.2817	0.2292



3D screen shot	Hot spot position
	

**Plot 21: LTE Band5, 10MHz, Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/25/2021

Measurement duration: 22 minutes 22 seconds

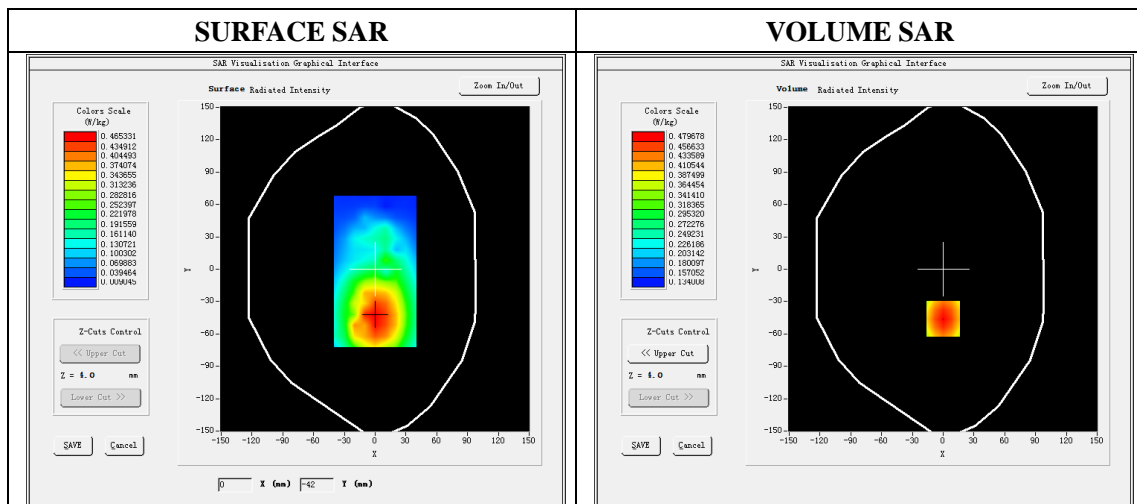
Mobile Phone IMEI number: --

**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_27/15_EPG0261
<b>Frequency (MHz)</b>	836.5
<b>Relative permittivity (real part)</b>	55.21
<b>Relative permittivity (imaginary)</b>	20.91
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	-0.74
<b>ConvF:</b>	1.90

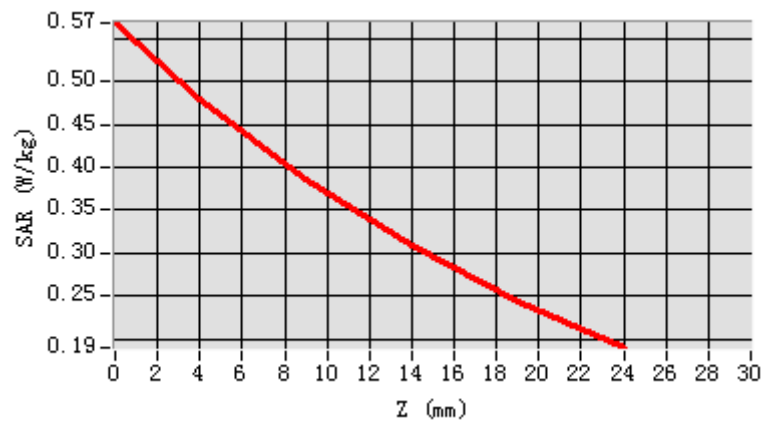


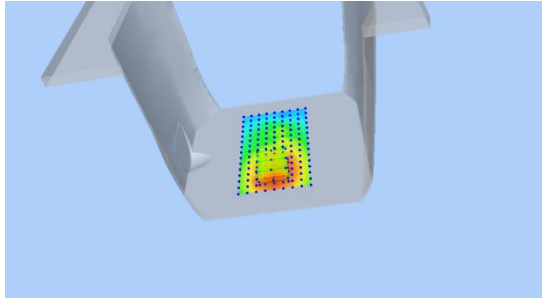
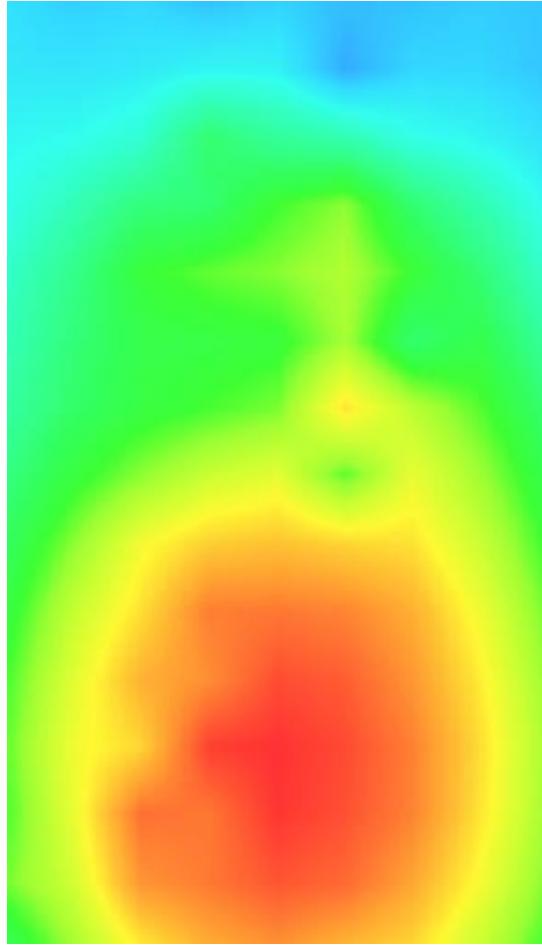
**Maximum location: X=0.00, Y=-46.00**

**SAR Peak: 0.57W/kg**

<b>SAR 10g (W/Kg)</b>	0.350290
<b>SAR 1g (W/Kg)</b>	0.463397

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5684	0.4797	0.3856	0.3081	0.2442



3D screen shot	Hot spot position
	

**Plot 22: LTE Band7, 20MHz, Left Cheek, Middle**

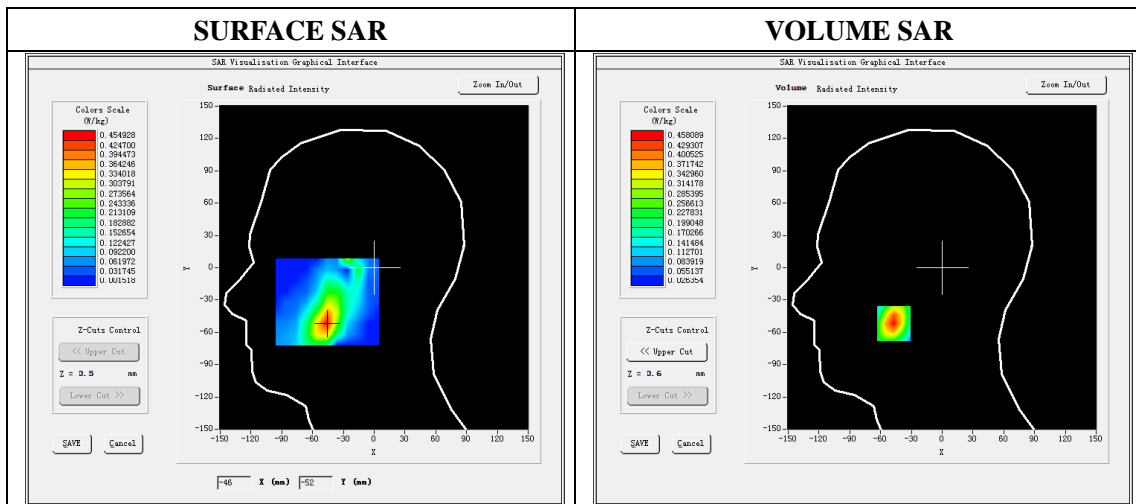
Type: Phone measurement  
 Date of measurement: 01/30/2021  
 Measurement duration: 22 minutes 24 seconds  
 Mobile Phone IMEI number: --

**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>	LTE Band 7
<b>Channels</b>	21350
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

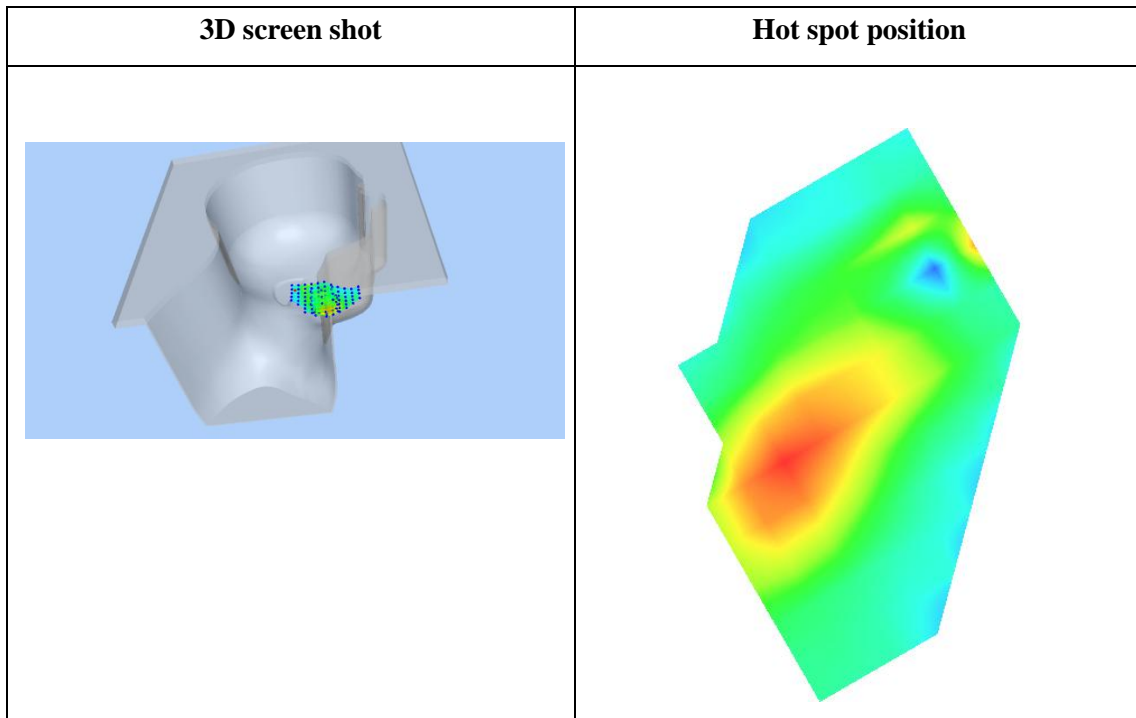
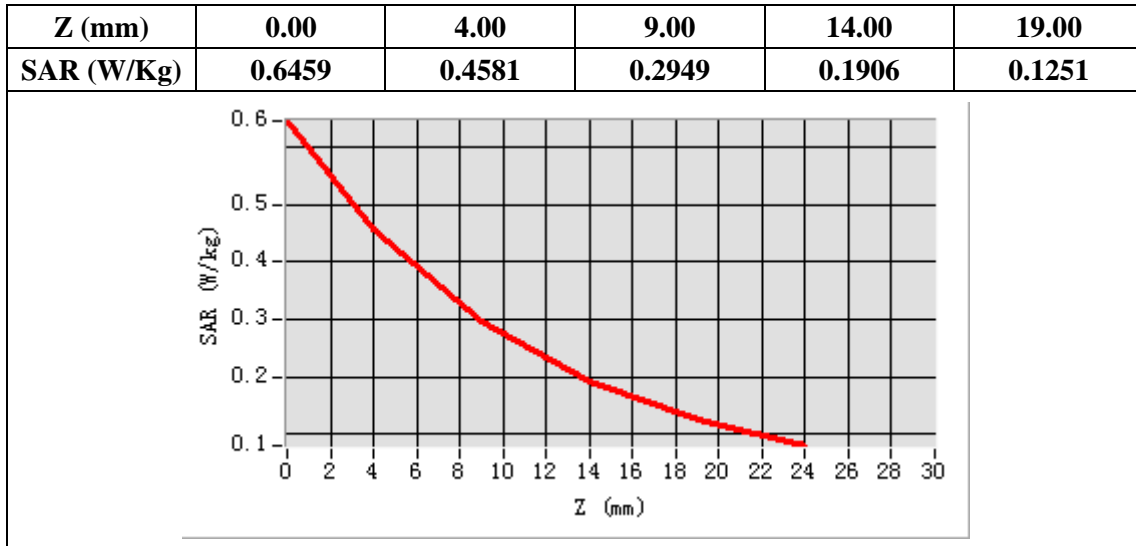
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	2560
<b>Relative permittivity (real part)</b>	39.00
<b>Relative permittivity (imaginary)</b>	13.57
<b>Conductivity (S/m)</b>	1.96
<b>Variation (%)</b>	-1.72
<b>ConvF:</b>	2.07



**Maximum location: X=-47.00 Y=-52.00**

**SAR Peak: 0.65W/kg**

<b>SAR 10g (W/Kg)</b>	0.244864
<b>SAR 1g (W/Kg)</b>	0.426529



**Plot 23: LTE Band7, 20MHz, Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/30/2021

Measurement duration: 22 minutes 21 seconds

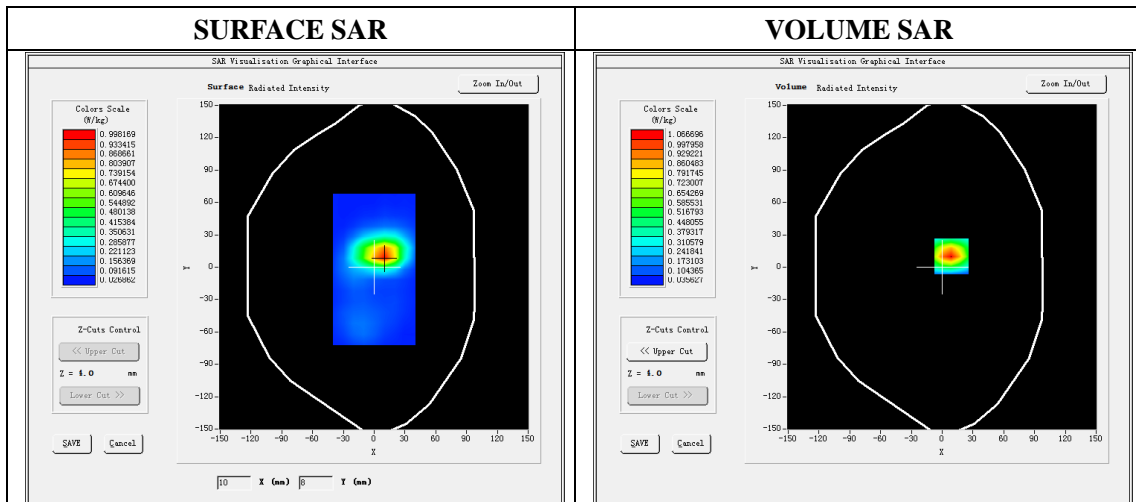
Mobile Phone IMEI number: --

**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>	LTE Band 7
<b>Channels</b>	21350
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	2560
<b>Relative permittivity (real part)</b>	52.53
<b>Relative permittivity (imaginary)</b>	15.09
<b>Conductivity (S/m)</b>	2.18
<b>Variation (%)</b>	-0.62
<b>ConvF:</b>	2.25

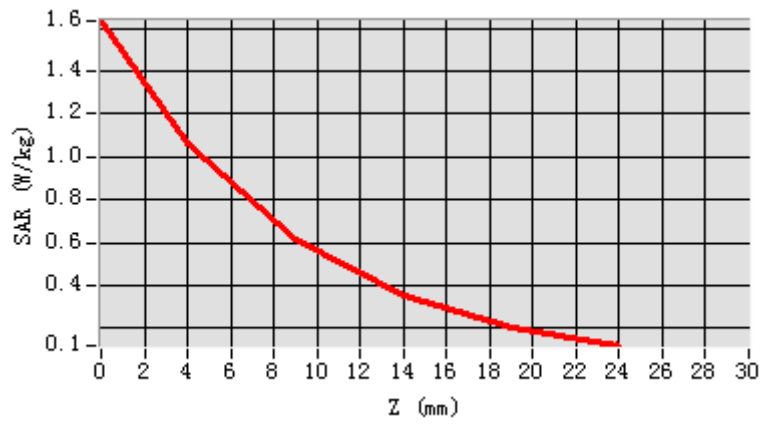


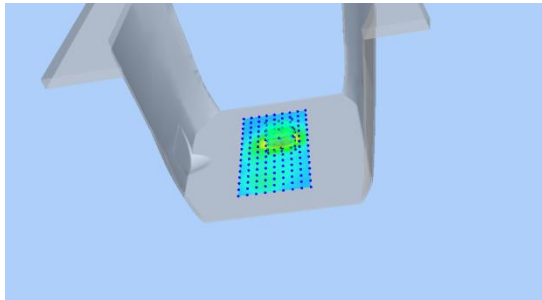
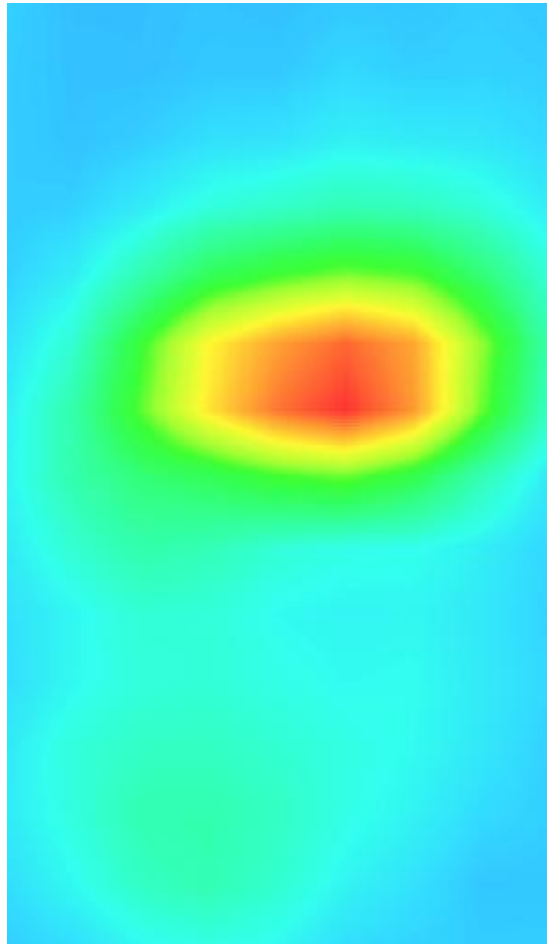
**Maximum location: X=9.00 Y=10.00**

**SAR Peak: 1.66 W/kg**

<b>SAR 10g (W/Kg)</b>	0.504939
<b>SAR 1g (W/Kg)</b>	0.985219

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.6334	1.0667	0.6116	0.3513	0.2079



3D screen shot	Hot spot position
	

**Plot 24: LTE Band7, 20MHz, Edge C, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/30/2021

Measurement duration: 22 minutes 25 seconds

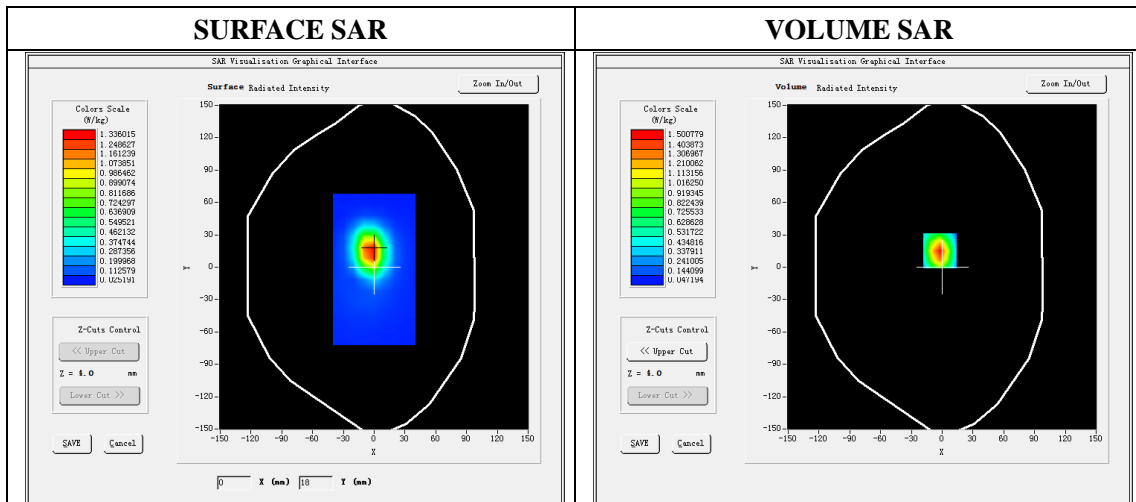
Mobile Phone IMEI number: --

**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 C
<b>Band</b>	LTE Band 7
<b>Channels</b>	21350
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	2560
<b>Relative permittivity (real part)</b>	52.53
<b>Relative permittivity (imaginary)</b>	15.09
<b>Conductivity (S/m)</b>	2.18
<b>Variation (%)</b>	0.90
<b>ConvF:</b>	2.25



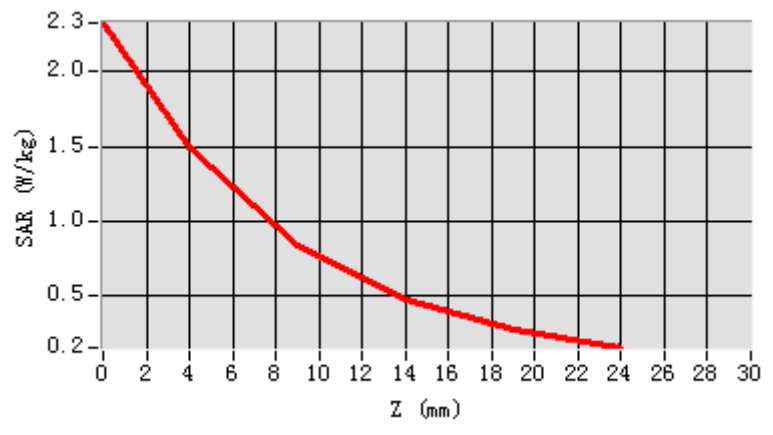
**Maximum location: X=-2.00 Y=15.00**

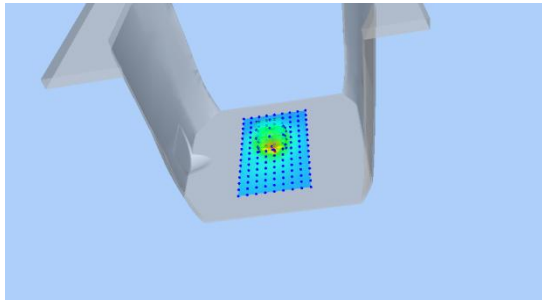
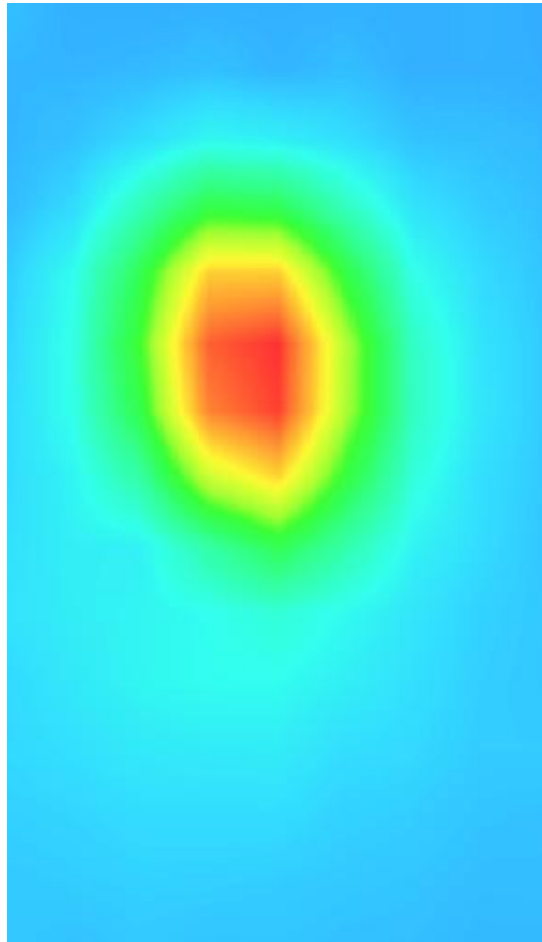
**SAR Peak: 2.34 W/kg**

<b>SAR 10g (W/Kg)</b>	0.691329
<b>SAR 1g (W/Kg)</b>	1.375891



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.3278	1.5008	0.8448	0.4762	0.2777



3D screen shot	Hot spot position
	

**Plot 25: LTE Band12, 10MHz,Right Cheek, Middle**

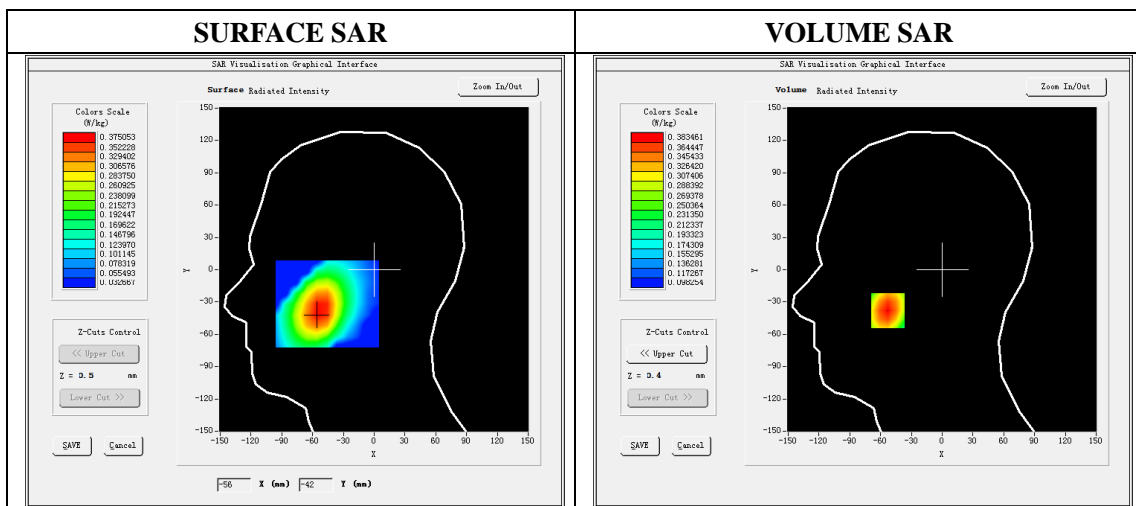
Type: Phone measurement  
 Date of measurement: 01/31/2021  
 Measurement duration: 22 minutes 27 seconds  
 Mobile Phone IMEI number: --

**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 12
<b>Channels</b>	23095
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	707.5
<b>Relative permittivity (real part)</b>	41.94
<b>Relative permittivity (imaginary)</b>	22.32
<b>Conductivity (S/m)</b>	0.93
<b>Variation (%)</b>	-2.60
<b>ConvF:</b>	1.78

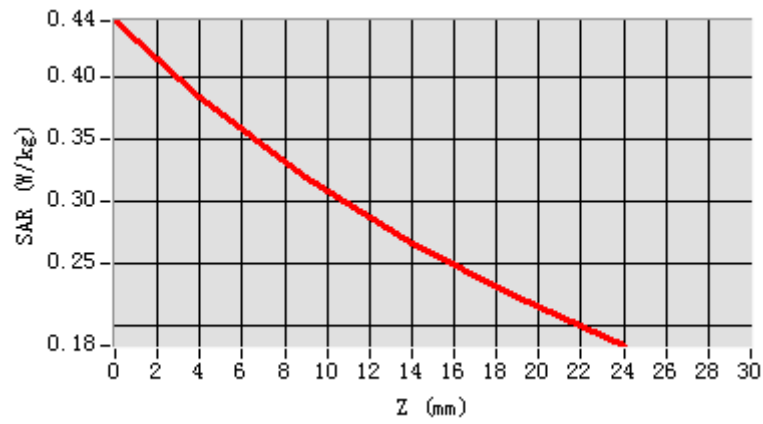


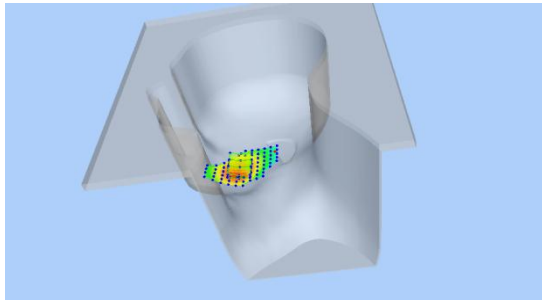
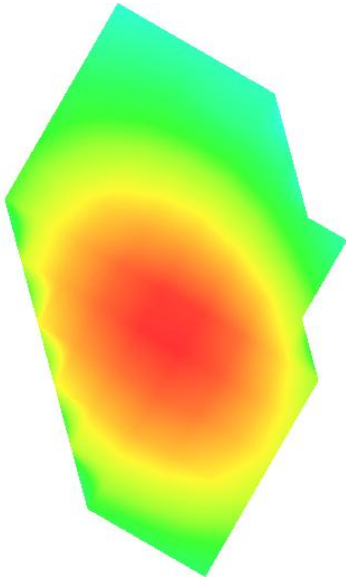
**Maximum location: X=-53.00, Y=-38.00**

**SAR Peak: 0.44 W/kg**

<b>SAR 10g (W/Kg)</b>	0.291985
<b>SAR 1g (W/Kg)</b>	0.378401

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4442	0.3835	0.3190	0.2658	0.2218



3D screen shot	Hot spot position
	

**Plot 26: LTE Band12, 10MHz, Back, Middle,10mm**

Type: Phone measurement

Date of measurement: 01/31/2021

Measurement duration: 22 minutes 23 seconds

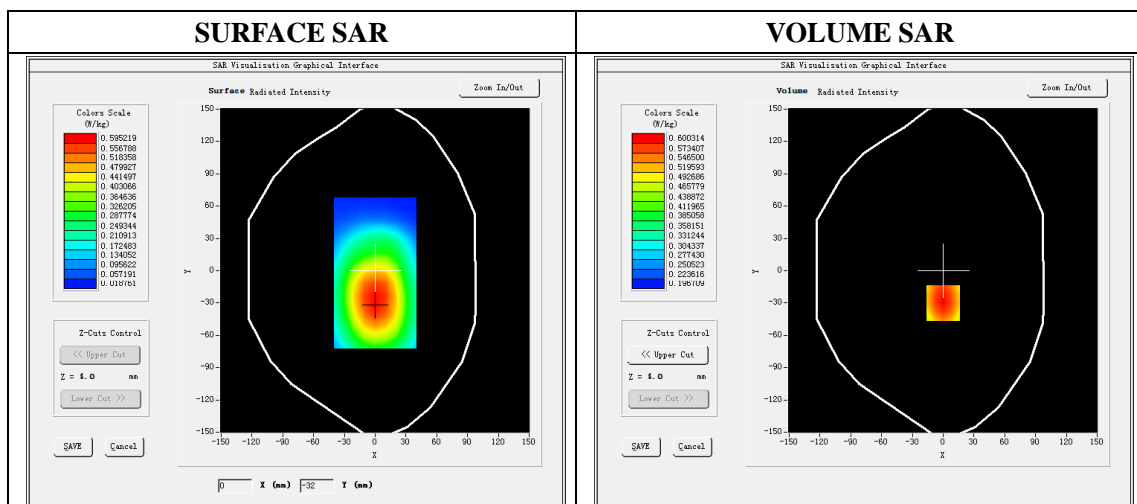
Mobile Phone IMEI number: --

**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 12
<b>Channels</b>	23095
<b>Signal</b>	LTE (Duty cycle: 1:1)

**B. SAR Measurement Results**

<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	707.5
<b>Relative permittivity (real part)</b>	55.52
<b>Relative permittivity (imaginary)</b>	23.28
<b>Conductivity (S/m)</b>	0.97
<b>Variation (%)</b>	2.58
<b>ConvF:</b>	1.88

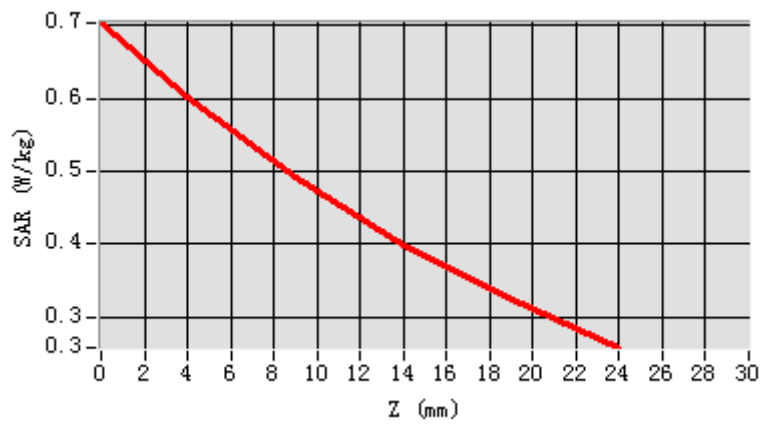


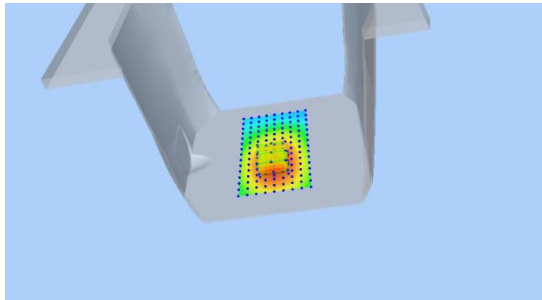
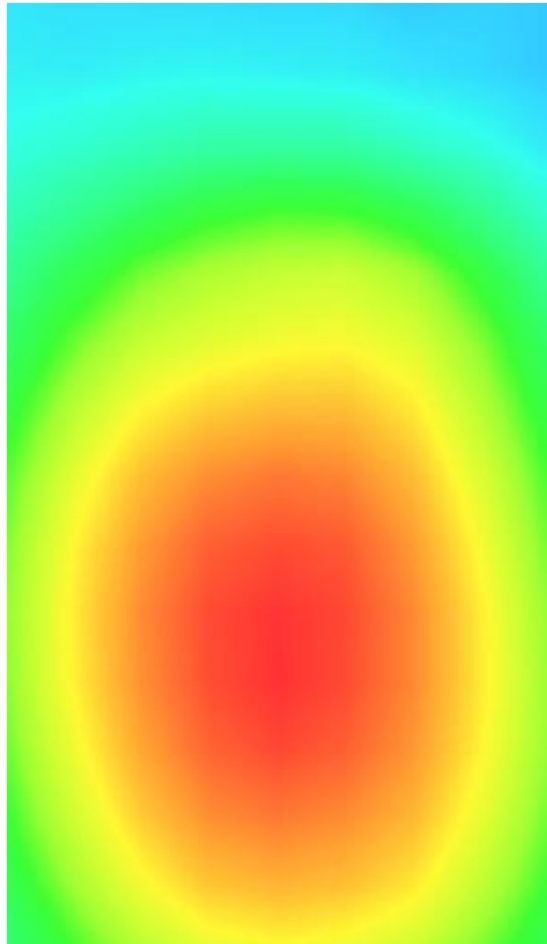
**Maximum location: X=0.00, Y=-30.00**

**SAR Peak: 0.70W/kg**

<b>SAR 10g (W/Kg)</b>	0.459864
<b>SAR 1g (W/Kg)</b>	0.595315

<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.7032</b>	<b>0.6003</b>	<b>0.4906</b>	<b>0.3995</b>	<b>0.3237</b>



3D screen shot	Hot spot position
	

**Plot 27: LTE Band17, 10MHz,Right Check, Middle**

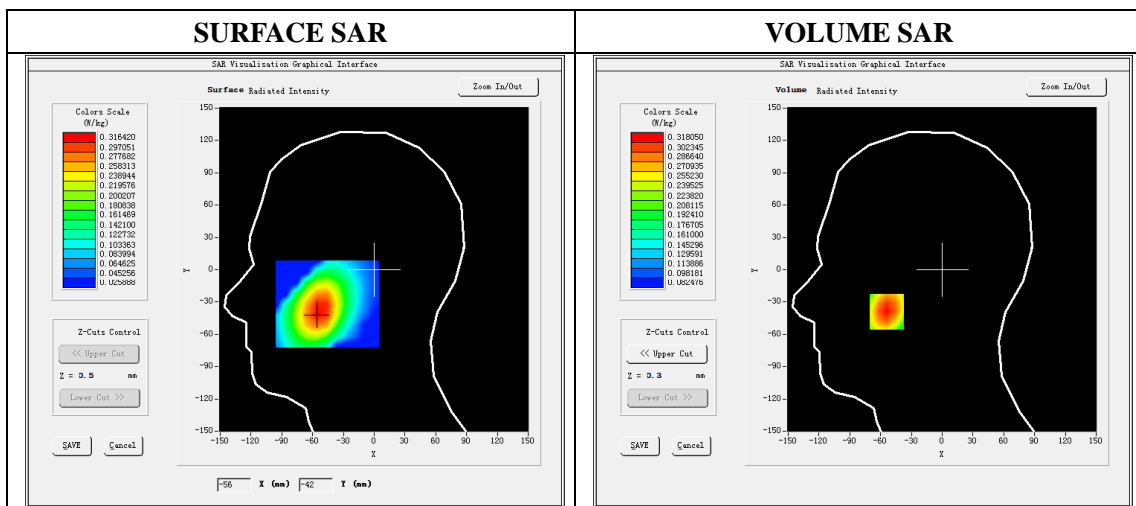
Type: Phone measurement  
 Date of measurement: 01/31/2021  
 Measurement duration: 22 minutes 28 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	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)	41.94
Relative permittivity (imaginary)	22.32
Conductivity (S/m)	0.93
Variation (%)	-3.69
ConvF:	1.78

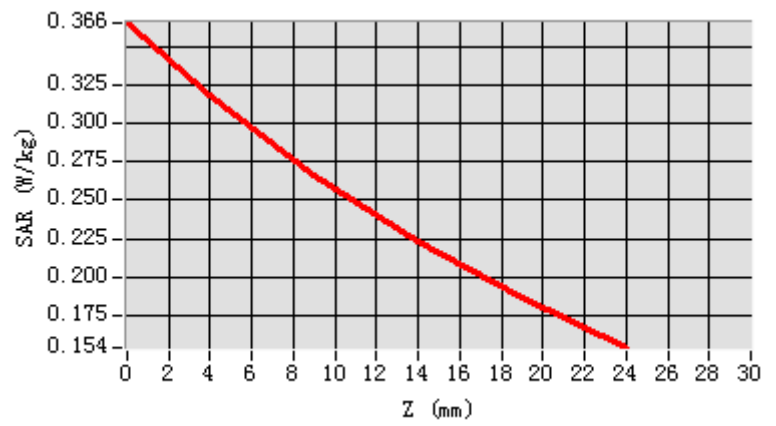


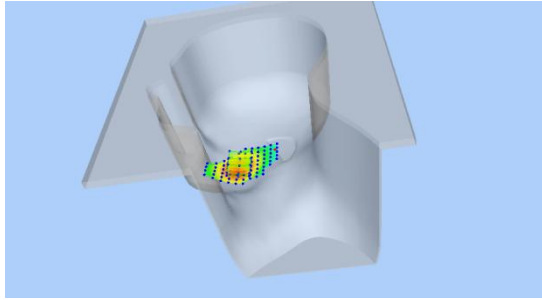
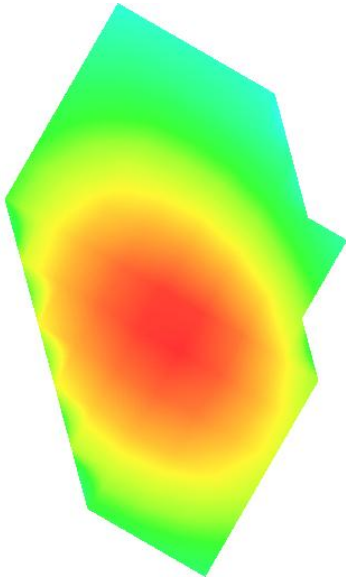
**Maximum location: X=-54.00, Y=-39.00**

**SAR Peak: 0.37 W/kg**

SAR 10g (W/Kg)	0.239764
SAR 1g (W/Kg)	0.307269

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3658	0.3180	0.2664	0.2229	0.1860



3D screen shot	Hot spot position
	

**Plot 28: LTE Band 17, 10MHz, Back, Middle,10mm**

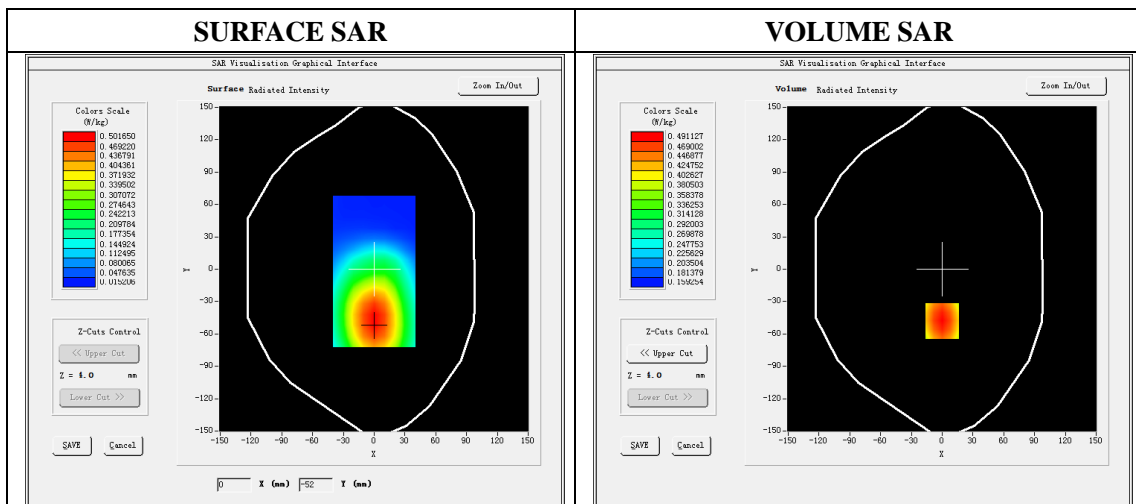
Type: Phone measurement  
 Date of measurement: 01/31/2021  
 Measurement duration: 22 minutes 26 seconds  
 Mobile Phone IMEI number: --

**A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	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)	55.52
Relative permittivity (imaginary)	23.28
Conductivity (S/m)	0.97
Variation (%)	-1.55
ConvF:	1.88



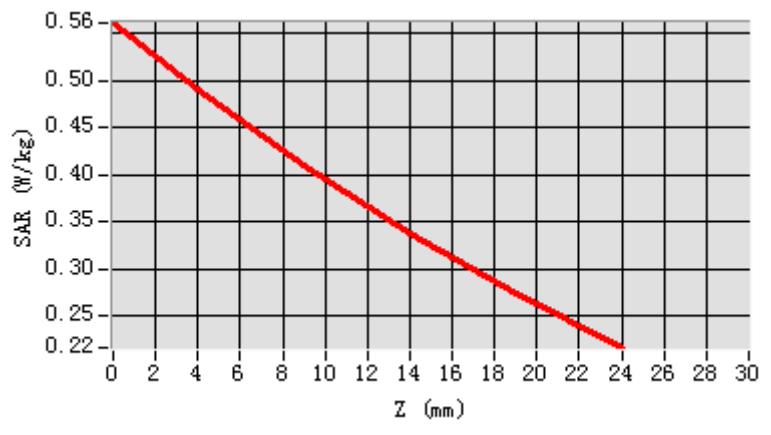
Maximum location: X=0.00, Y=-48.00

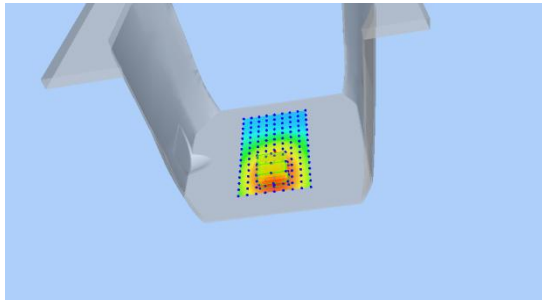
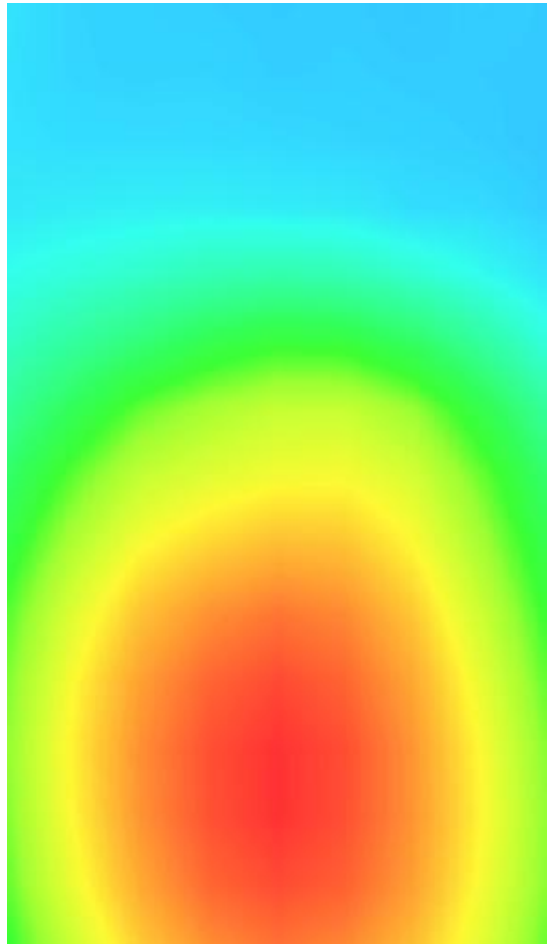
SAR Peak: 0.56W/kg

SAR 10g (W/Kg)	0.373791
SAR 1g (W/Kg)	0.476125



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5614	0.4911	0.4107	0.3382	0.2734



3D screen shot	Hot spot position
	

## Plot 29: Wi-Fi 802.11b Left Cheek, Middle

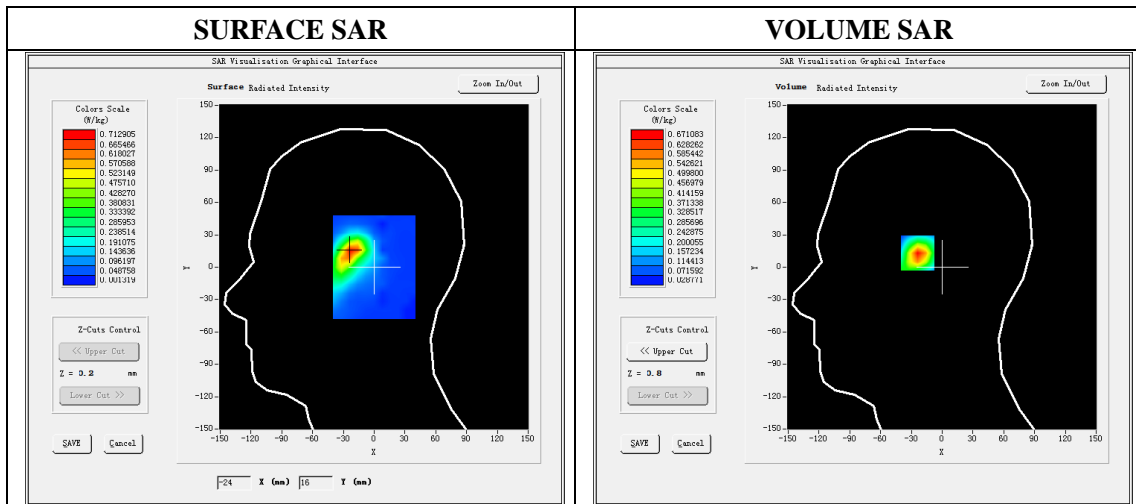
Type: Phone measurement  
 Date of measurement: 01/29/2021  
 Measurement duration: 22 minutes 29 seconds  
 Mobile Phone IMEI number: --

**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**

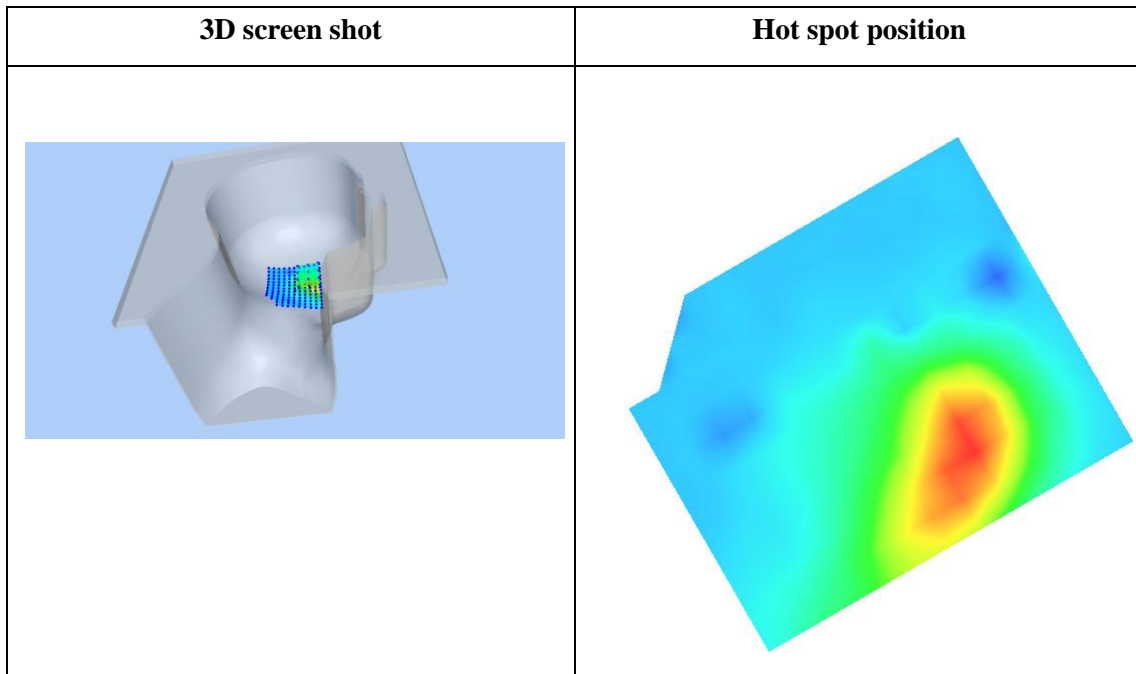
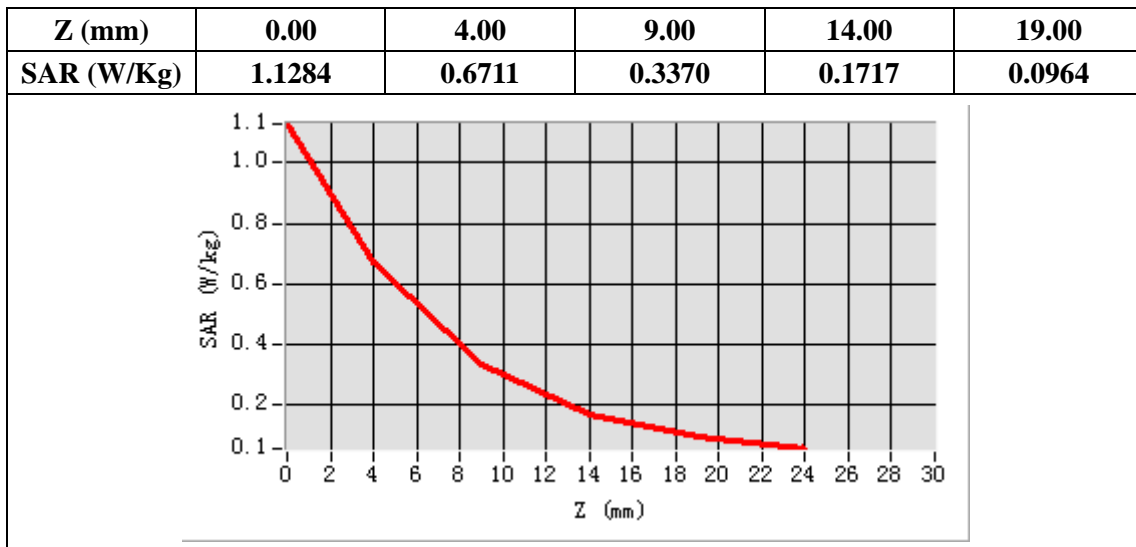
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	2437
<b>Relative permittivity (real part)</b>	39.21
<b>Relative permittivity (imaginary)</b>	13.30
<b>Conductivity (S/m)</b>	1.81
<b>Variation (%)</b>	-2.94
<b>ConvF:</b>	2.18



**Maximum location: X=-23.00 Y=15.00**

**SAR Peak:1.14 W/kg**

<b>SAR 10g (W/Kg)</b>	0.301894
<b>SAR 1g (W/Kg)</b>	0.620389



## Plot 30: Wi-Fi 802.11b, Face ,Middle, 10mm

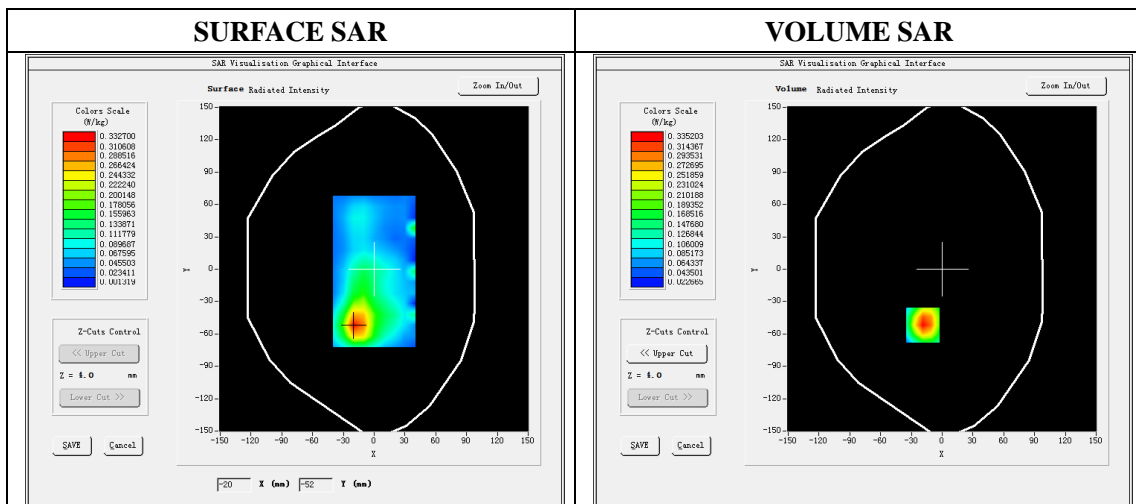
Type: Phone measurement  
 Date of measurement: 01/29/2021  
 Measurement duration: 22 minutes 30 seconds  
 Mobile Phone IMEI number: --

**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>	Face
<b>Band</b>	WIFI
<b>Channels</b>	6
<b>Signal</b>	DSSS (Duty cycle: 1:1)

**B. SAR Measurement Results**

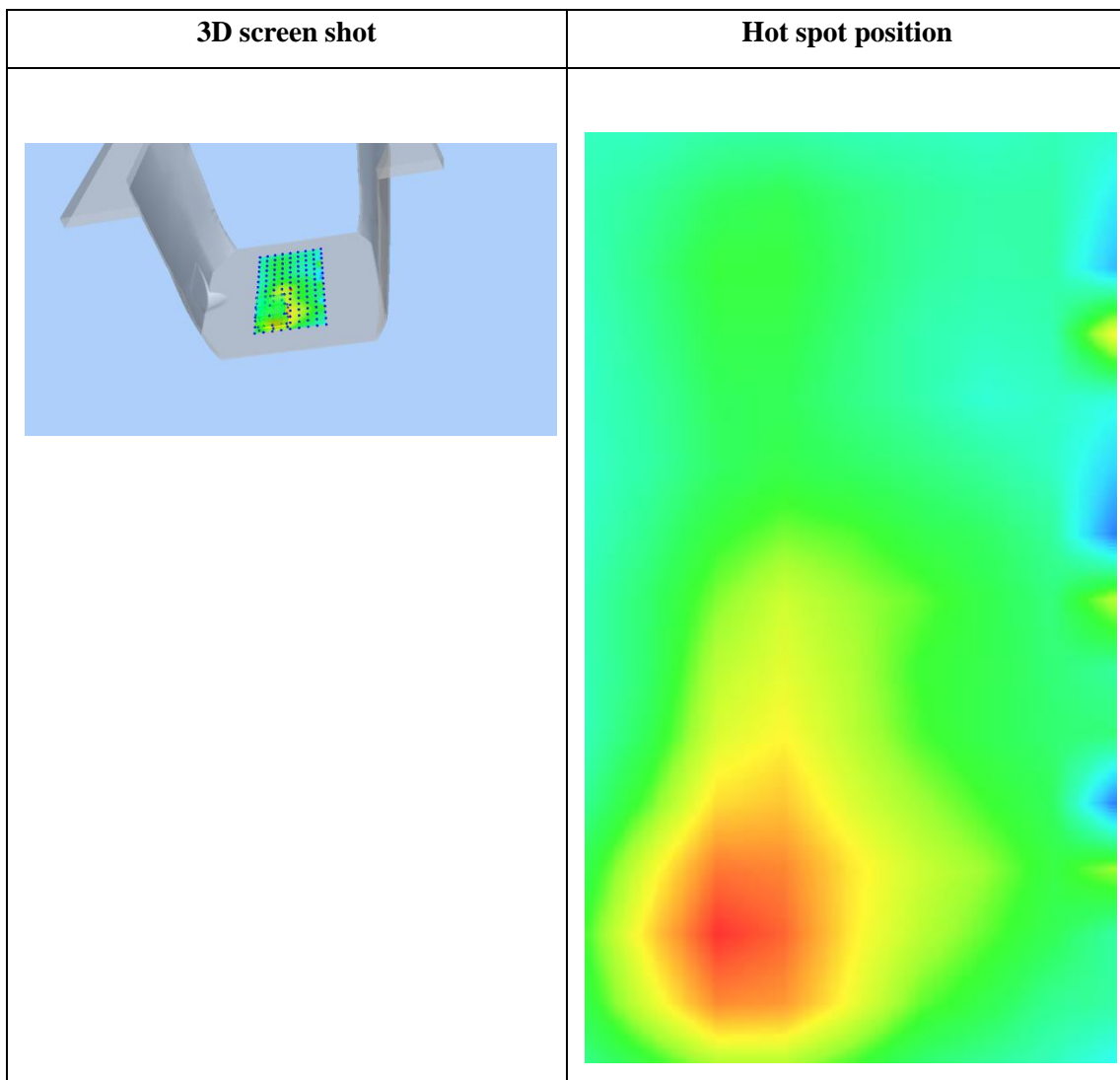
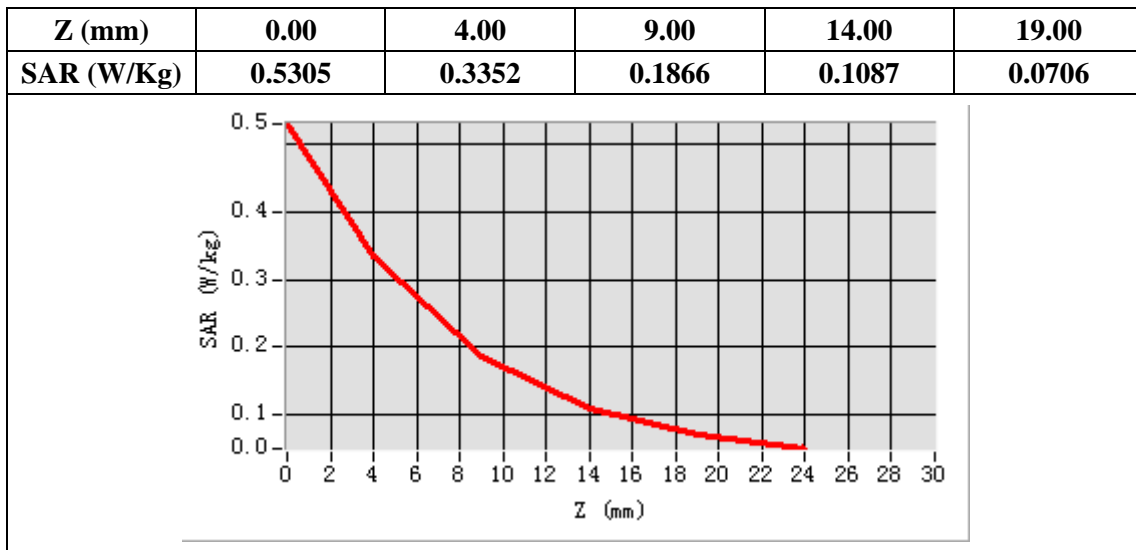
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	2437
<b>Relative permittivity (real part)</b>	52.69
<b>Relative permittivity (imaginary)</b>	14.33
<b>Conductivity (S/m)</b>	1.95
<b>Variation (%)</b>	2.84
<b>ConvF:</b>	2.47



**Maximum location: X=-19.00 Y=-52.00**

**SAR Peak: 0.54 W/kg**

<b>SAR 10g (W/Kg)</b>	0.174055
<b>SAR 1g (W/Kg)</b>	0.315983



### Plot 31: BT, Left Cheek, Middle

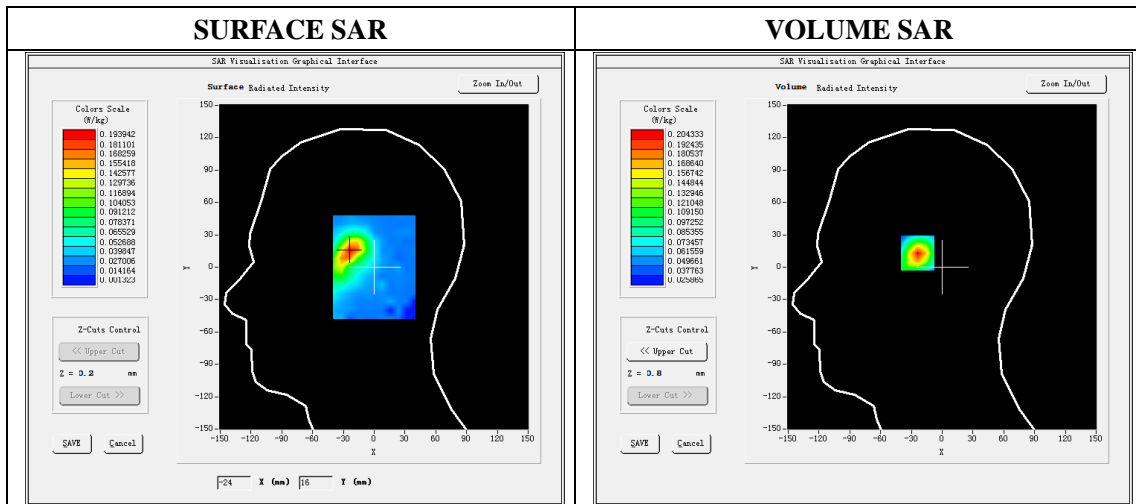
Type: Phone measurement  
 Date of measurement: 01/29/2021  
 Measurement duration: 22 minutes 31 seconds  
 Mobile Phone IMEI number: --

**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>	BT
<b>Channels</b>	39
<b>Signal</b>	GFSK (Duty cycle: 1:1)

**B. SAR Measurement Results**

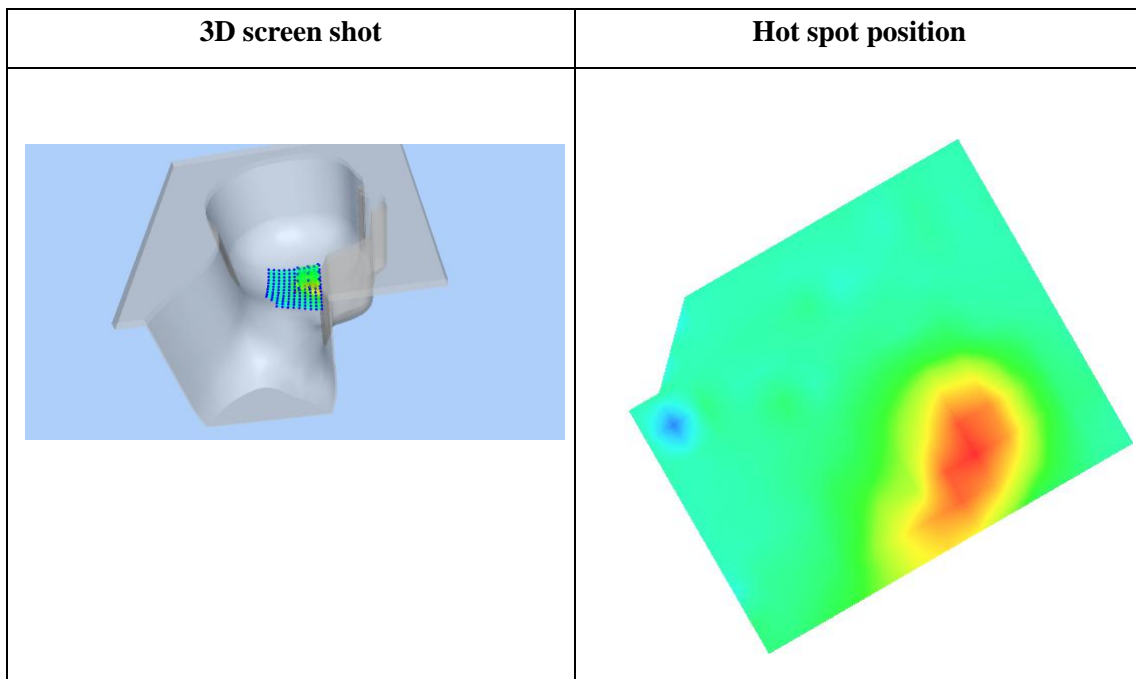
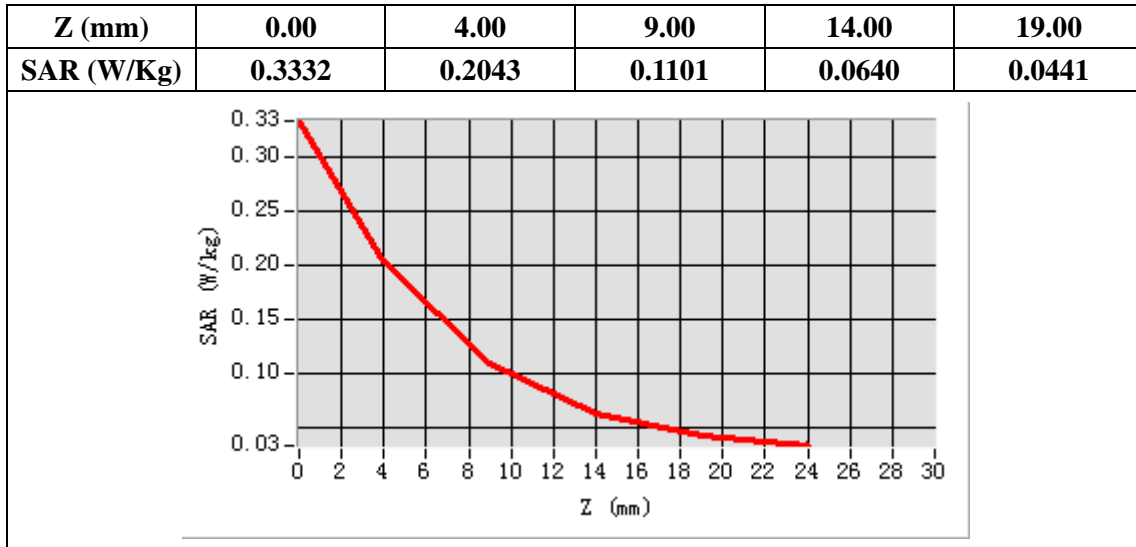
<b>E-Field Probe</b>	SATIMO SN_27/15_EPG0261
<b>Frequency (MHz)</b>	2441
<b>Relative permittivity (real part)</b>	39.21
<b>Relative permittivity (imaginary)</b>	13.30
<b>Conductivity (S/m)</b>	1.81
<b>Variation (%)</b>	-4.25
<b>ConvF:</b>	2.18



**Maximum location: X=-23.00 Y=15.00**

**SAR Peak: 0.34 W/kg**

<b>SAR 10g (W/Kg)</b>	0.100421
<b>SAR 1g (W/Kg)</b>	0.188812



## Plot 32: BT, Face, Middle, 10mm

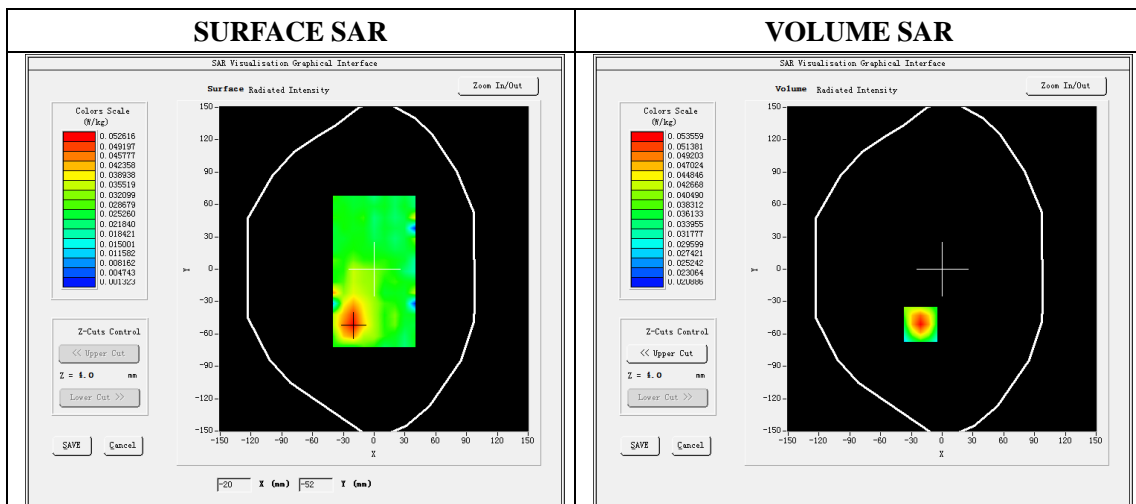
Type: Phone measurement  
 Date of measurement: 01/29/2021  
 Measurement duration: 22 minutes 32 seconds  
 Mobile Phone IMEI number: --

**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>	Face
<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_27/15_EPG0261
<b>Frequency (MHz)</b>	2441
<b>Relative permittivity (real part)</b>	52.69
<b>Relative permittivity (imaginary)</b>	14.33
<b>Conductivity (S/m)</b>	1.95
<b>Variation (%)</b>	2.73
<b>ConvF:</b>	2.47



**Maximum location: X=-21.00 Y=-51.00**

**SAR Peak: 0.08 W/kg**

<b>SAR 10g (W/Kg)</b>	0.036553
<b>SAR 1g (W/Kg)</b>	0.051173



