

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850	Left Cheek Middle	2021/01/19
2	GSM850/GPRS4Tx	Body Back, Middle ,10mm	2021/01/19
3	GSM1900	Left Cheek Middle	2021/01/21
4	GSM1900/GPRS4Tx	Body Back, Middle ,10mm	2021/01/21
5	WCDMA1900	Left Cheek Middle	2021/01/21
6	WCDMA1900	Body Back, Middle ,10mm	2021/01/21
7	WCDMA1700	Left Cheek Middle	2021/01/20
8	WCDMA1700	Body Back, Middle ,10mm	2021/01/20
9	WCDMA1700	Edge C, Middle ,10mm	2021/01/20
10	WCDMA850	Right Cheek Middle	2021/01/19
11	WCDMA850	Body Back, Middle ,10mm	2021/01/19
12	WCDMA850	Edge B, Middle ,10mm	2021/01/19
13	LTE Band2	Left Cheek Middle	2021/01/21
14	LTE Band2	Body Back, Middle ,10mm	2021/01/21
15	LTE Band2	Edge C, Middle ,10mm	2021/01/21
16	LTE Band4	Left Cheek Middle	2021/01/20
17	LTE Band4	Body Back, Middle ,10mm	2021/01/20
18	LTE Band4	Edge C, Middle ,10mm	2021/01/20
19	LTE Band5	Right Cheek Middle	2021/01/19
20	LTE Band5	Body Back, Middle ,10mm	2021/01/19
21	LTE Band5	Edge B, Middle ,10mm	2021/01/19
22	LTE Band7	Left Cheek Middle	2021/01/23
23	LTE Band7	Body Back, Middle ,10mm	2021/01/23
24	LTE Band7	Edge C, Middle ,10mm	2021/01/23
25	LTE Band12	Left Cheek Middle	2021/01/18
26	LTE Band12	Body Back, Middle ,10mm	2021/01/18
27	LTE Band17	Left Cheek Middle	2021/01/18
28	LTE Band17	Body Back, Middle ,10mm	2021/01/18
29	WIFI 2.4G 802.11b	Left Cheek Middle	2021/01/22
30	WIFI 2.4G 802.11b	Body Face, Middle ,10mm	2021/01/22
31	BT	Left Cheek Middle	2021/01/22
32	BT	Body Face, Middle ,10mm	2021/01/22
33	WIFI 5G 802.11a	Left Cheek Middle	2021/01/24
34	WIFI 5G 802.11a	Body Back, Middle ,10mm	2021/01/24
35	CDMA BC0	Right Cheek Middle	2021/01/19
36	CDMA BC0	Body Back, Middle ,10mm	2021/01/19
37	CDMA BC1	Left Cheek Middle	2021/01/21
38	CDMA BC1	Body Back, Middle ,10mm	2021/01/21

Plot 1: GSM850, Left Cheek, Middle

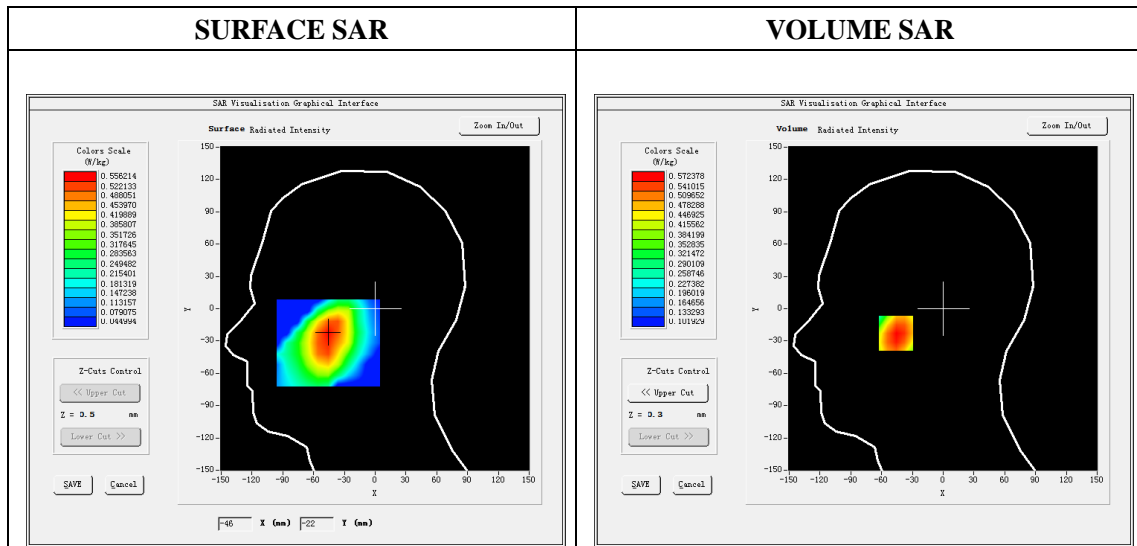
Type: Phone measurement
 Date of measurement: 01/19/2021
 Measurement duration: 22 minutes 03 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.51
Relative permittivity (imaginary part)	19.40
Conductivity (S/m)	0.90
Variation (%)	-2.00
ConvF:	1.86

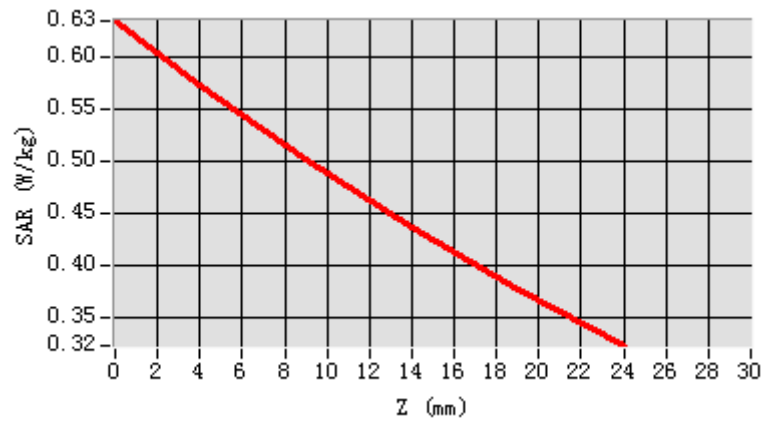


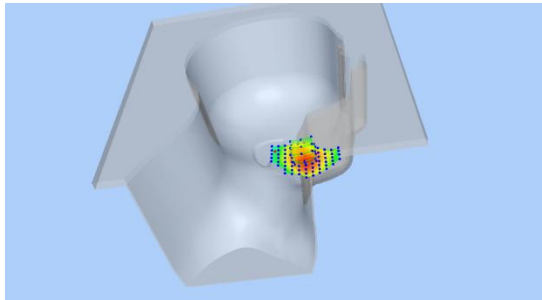
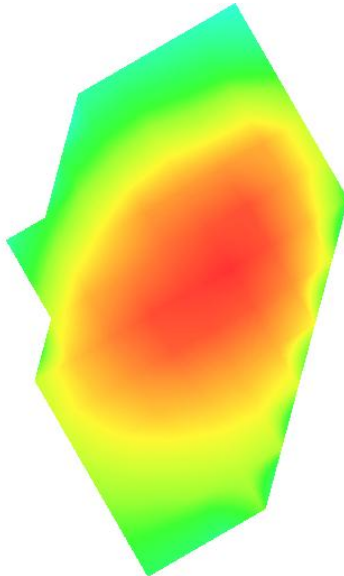
Maximum location: X=-46.00, Y=-23.00

SAR Peak: 0.64W/kg

SAR 10g (W/Kg)	0.453059
SAR 1g (W/Kg)	0.558203

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6340	0.5724	0.5011	0.4361	0.3768



3D screen shot	Hot spot position
	

Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/19/2021

Measurement duration: 22 minutes 01 seconds

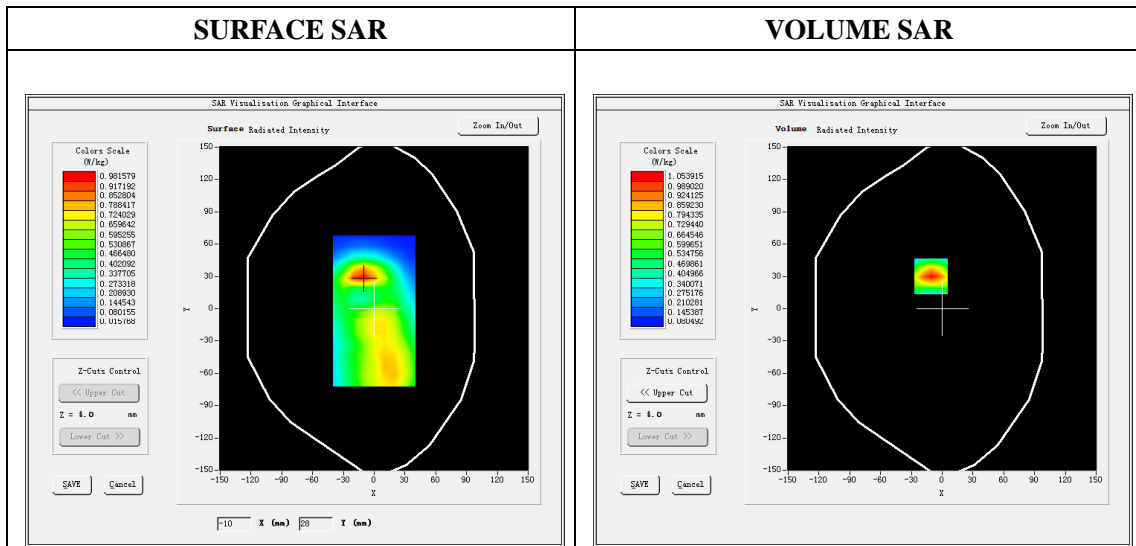
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	55.19
Relative permittivity (imaginary part)	20.91
Conductivity (S/m)	0.97
Variation (%)	0.39
ConvF:	1.90

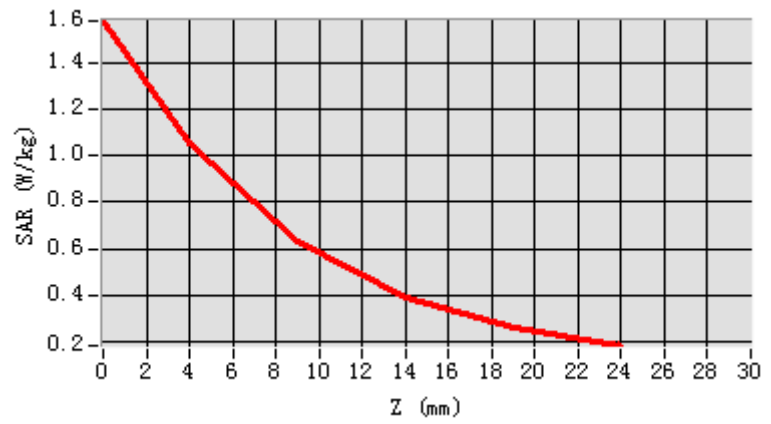


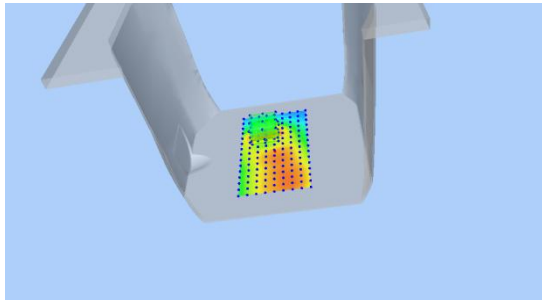
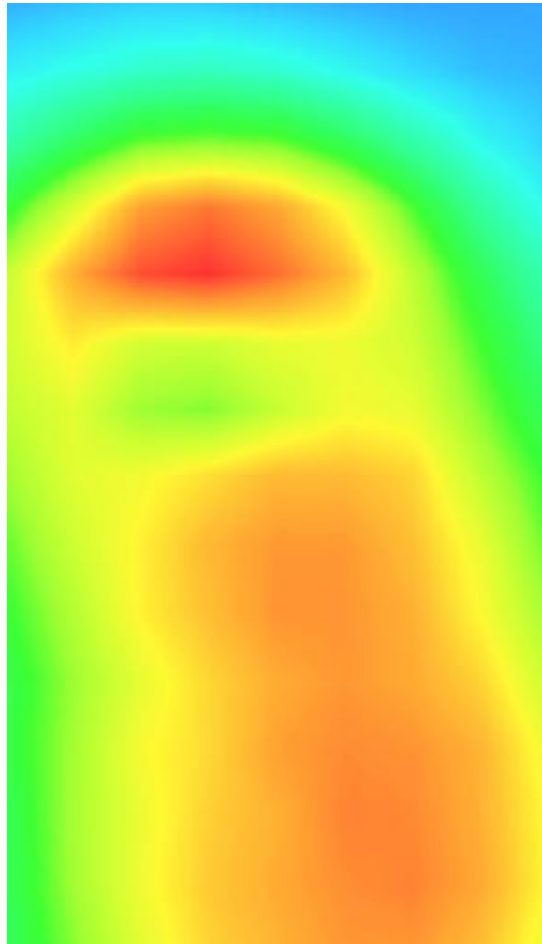
Maximum location: X=-11.00, Y=30.00

SAR Peak: 1.58 W/kg

SAR 10g (W/Kg)	0.559071
SAR 1g (W/Kg)	0.977899

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.5795	1.0539	0.6327	0.3941	0.2648



3D screen shot	Hot spot position
	

Plot 3: GSM1900, Left Cheek, Middle

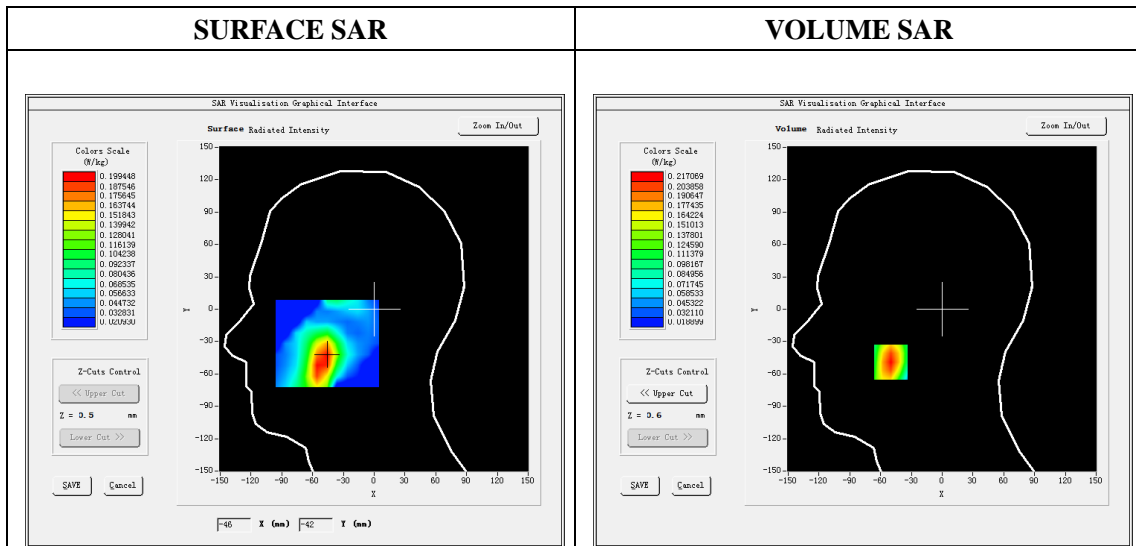
Type: Phone measurement
 Date of measurement: 01/21/2021
 Measurement duration: 22 minutes 02 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.46
Relative permittivity (imaginary part)	12.98
Conductivity (S/m)	1.37
Variation (%)	-0.67
ConvF:	2.20

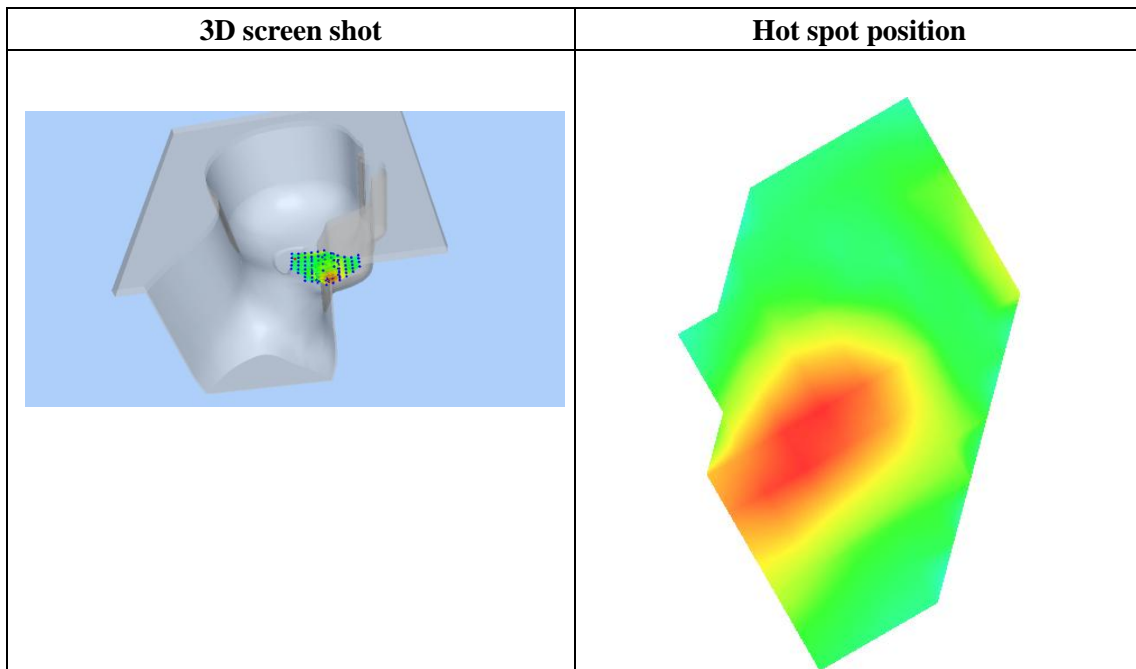
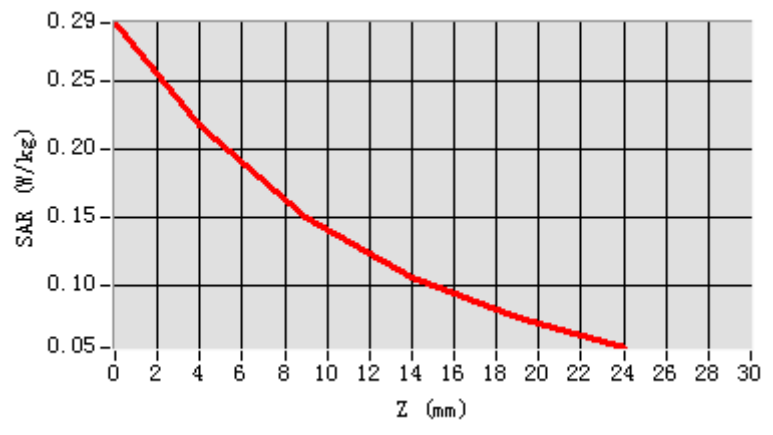


Maximum location: X=-50.00, Y=-49.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.130751
SAR 1g (W/Kg)	0.204329

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2920	0.2171	0.1499	0.1053	0.0759



Plot 4: GPRS1900, Back, Middle ,10mm

Type: Phone measurement

Date of measurement: 01/21/2021

Measurement duration: 22 minutes 04 seconds

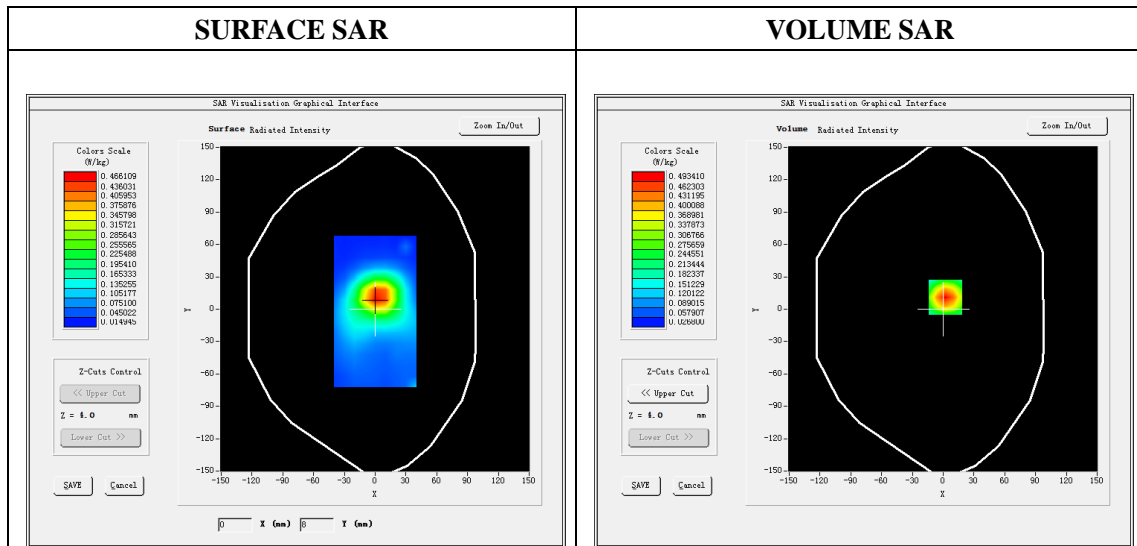
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.30
Relative permittivity (imaginary part)	14.40
Conductivity (S/m)	1.52
Variation (%)	-4.03
ConvF:	2.26

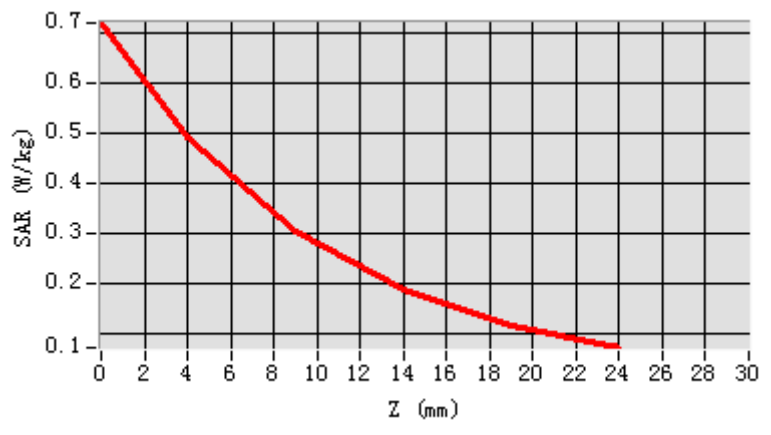


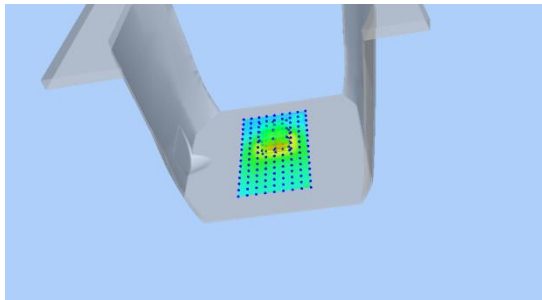
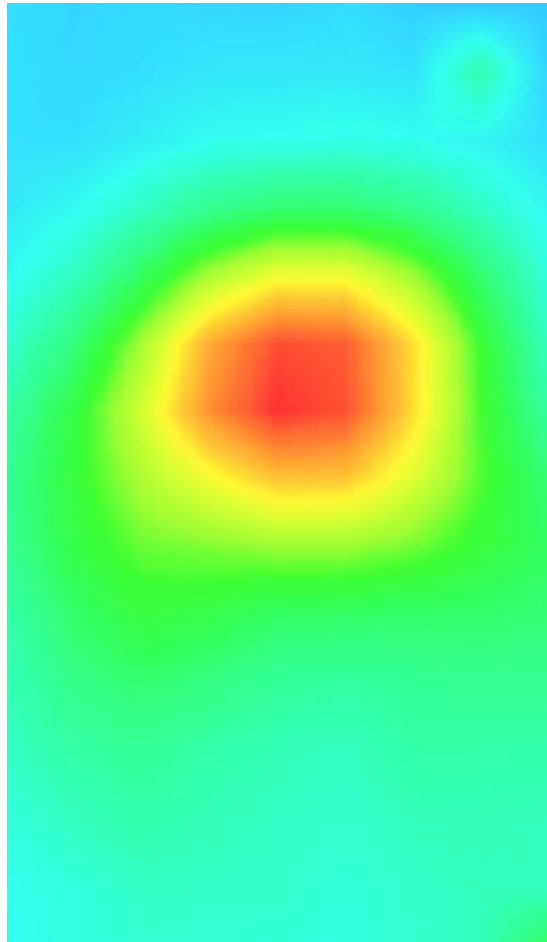
Maximum location: X=2.00, Y=11.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.263276
SAR 1g (W/Kg)	0.459651

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7204	0.4934	0.3030	0.1871	0.1184



3D screen shot	Hot spot position
	

Plot 5: WCDMA1900, Left Cheek, Middle

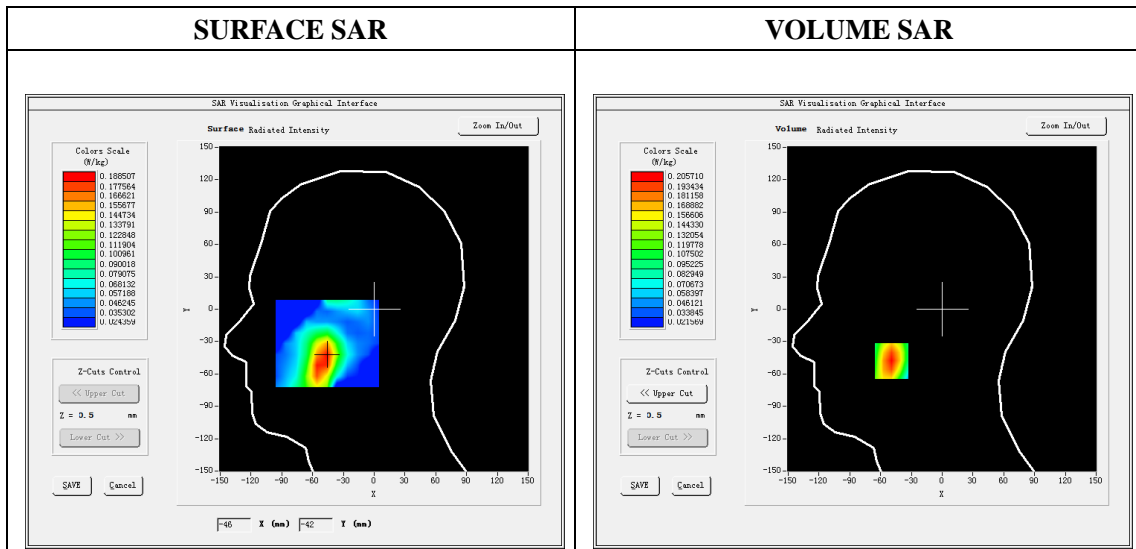
Type: Phone measurement
 Date of measurement: 01/21/2021
 Measurement duration: 22 minutes 05 seconds
 Mobile Phone IMEI number: --

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	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

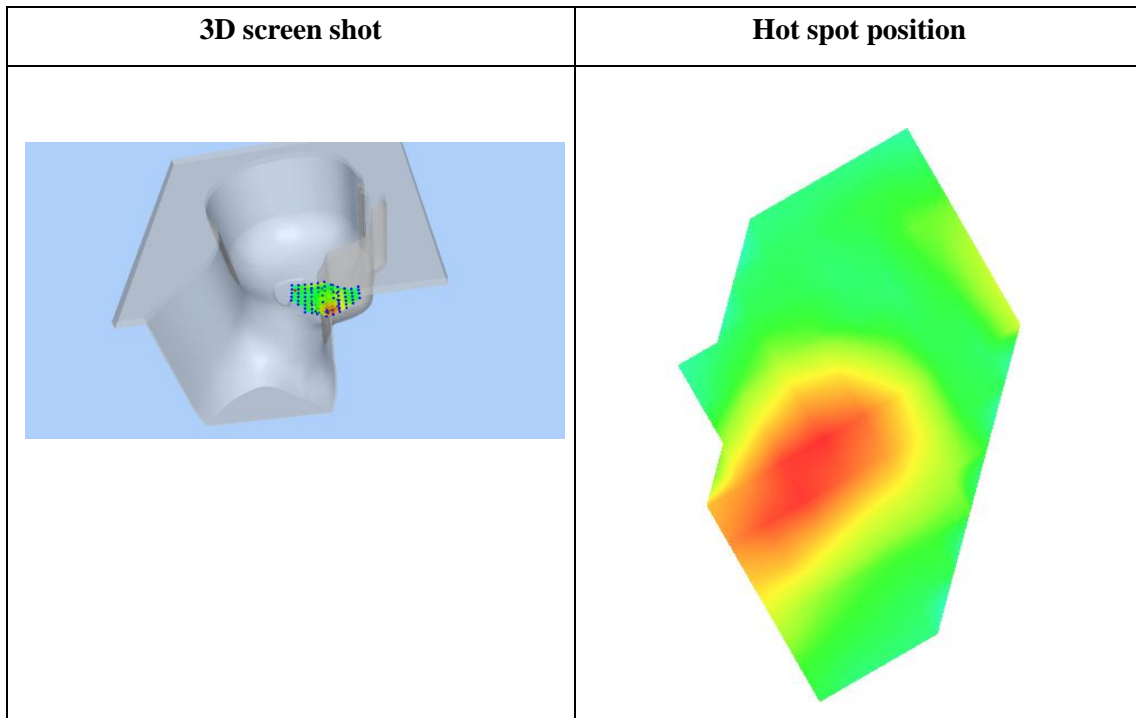
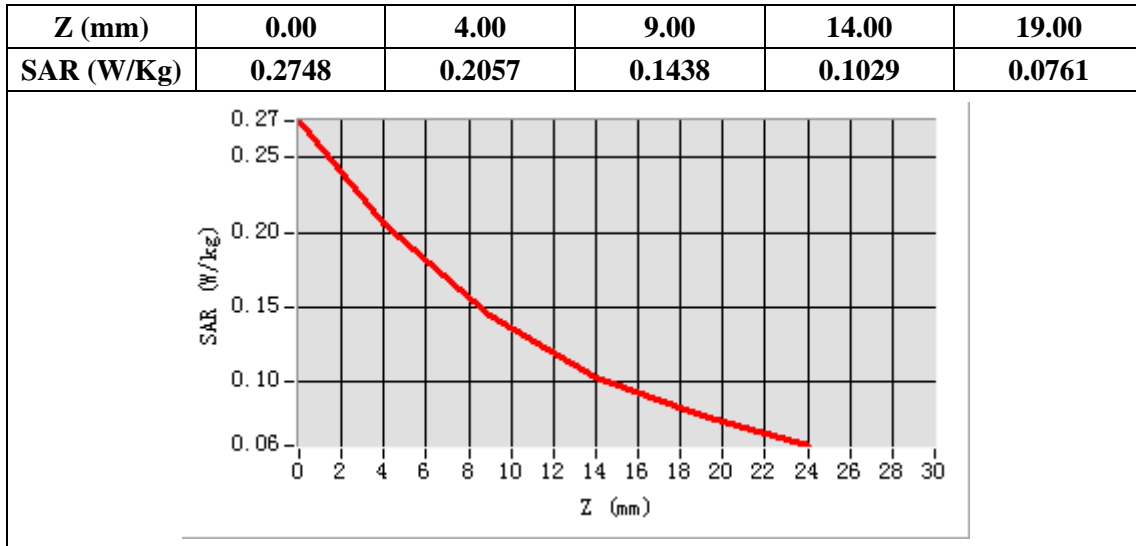
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.46
Relative permittivity (imaginary)	12.98
Conductivity (S/m)	1.37
Variation (%)	-4.15
ConvF:	2.20



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

SAR Peak: 0.28W/kg

SAR 10g (W/Kg)	0.126174
SAR 1g (W/Kg)	0.194232



Plot 6: WCDMA1900, Back, Middle,10mm

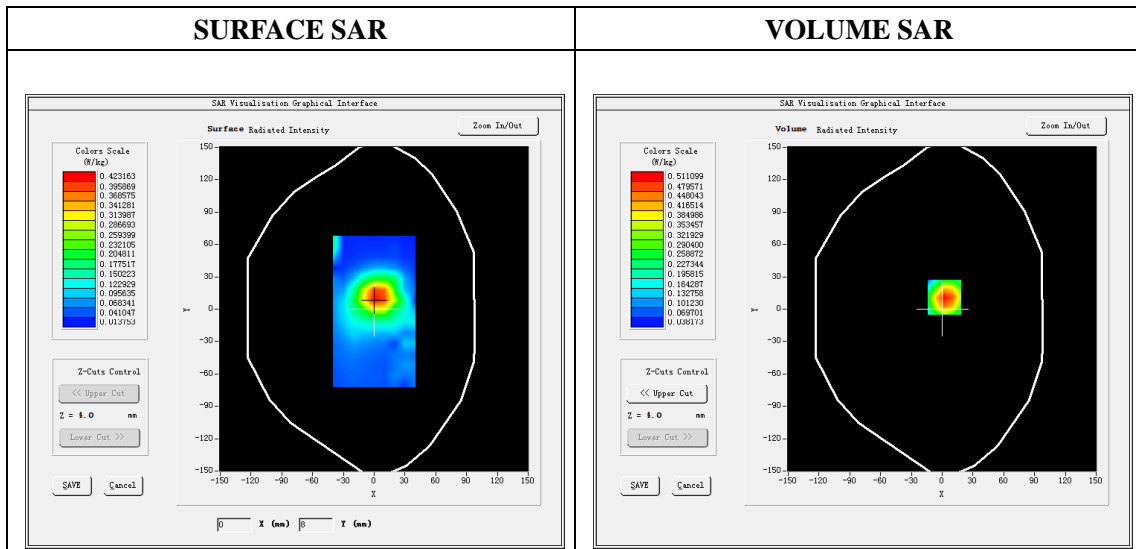
Type: Phone measurement
 Date of measurement: 01/21/2021
 Measurement duration: 22 minutes 07 seconds
 Mobile Phone IMEI number: --

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)	53.30
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.52
Variation (%)	-4.65
ConvF:	2.26

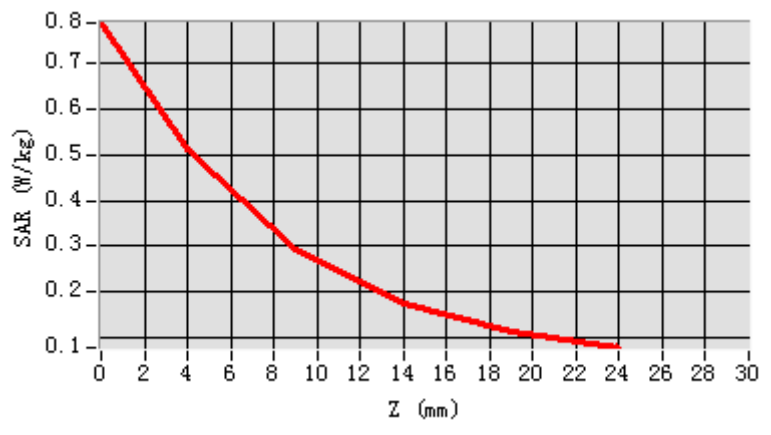


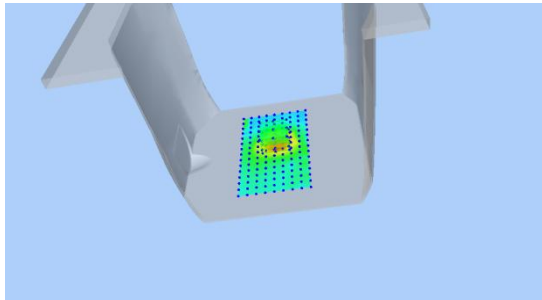
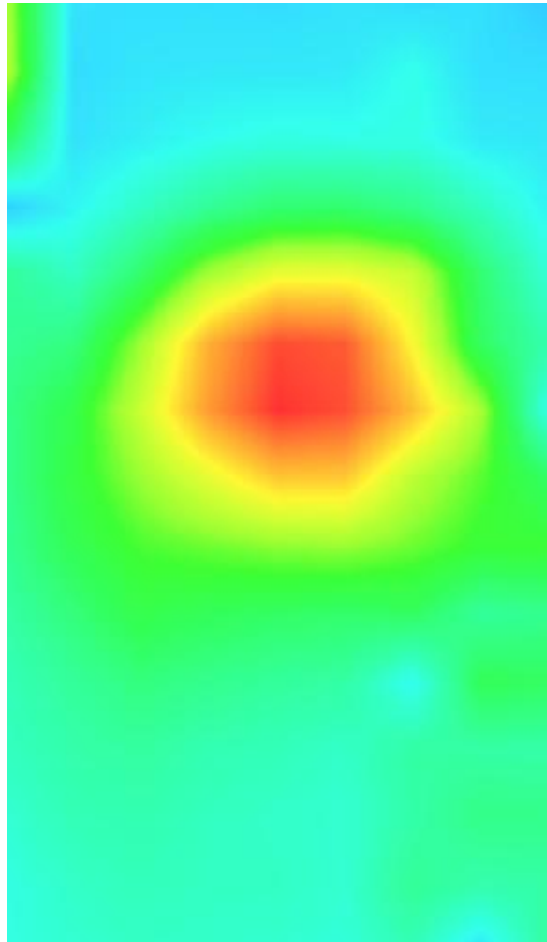
Maximum location: X=2.00, Y=11.00

SAR Peak: 0.81W/kg

SAR 10g (W/Kg)	0.269779
SAR 1g (W/Kg)	0.483487

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7889	0.5111	0.2941	0.1756	0.1144



3D screen shot	Hot spot position
	

Plot 7: WCDMA1700, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 01/20/2021

Measurement duration: 22 minutes 06 seconds

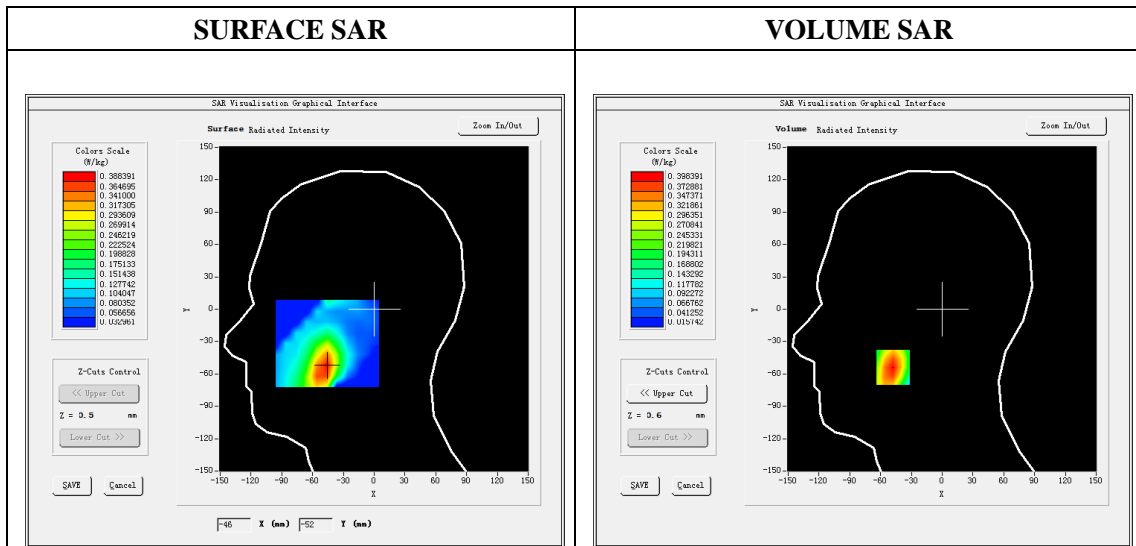
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	Band2_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)	40.53
Relative permittivity (imaginary)	14.30
Conductivity (S/m)	1.43
Variation (%)	-4.31
ConvF:	2.04

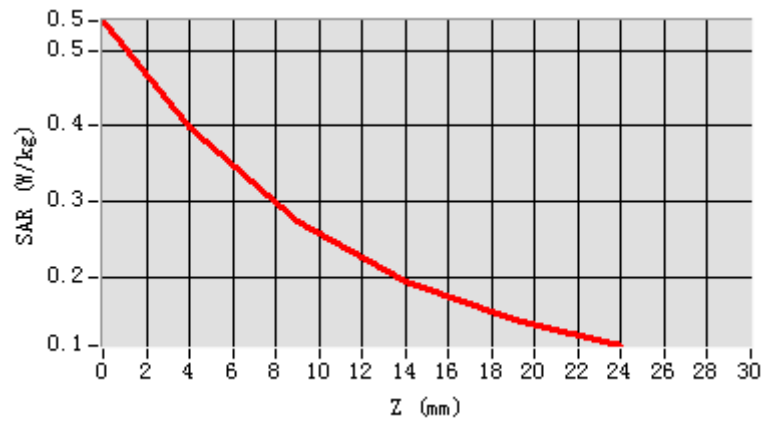


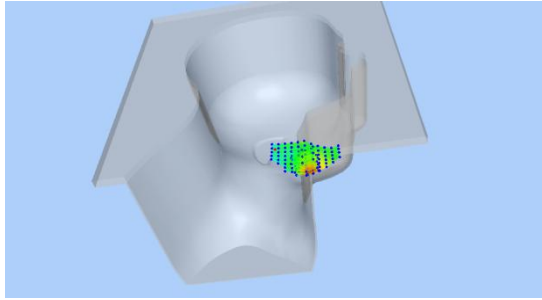
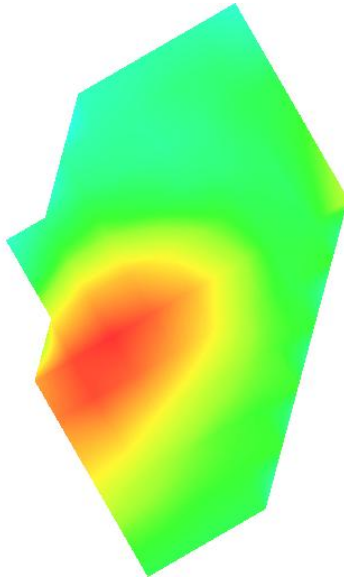
Maximum location: X=-48.00, Y=-54.00

SAR Peak: 0.54W/kg

SAR 10g (W/Kg)	0.248515
SAR 1g (W/Kg)	0.384955

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5385	0.3984	0.2753	0.1963	0.1464



3D screen shot	Hot spot position
	

Plot 8: WCDMA1700, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/20/2021

Measurement duration: 22 minutes 09 seconds

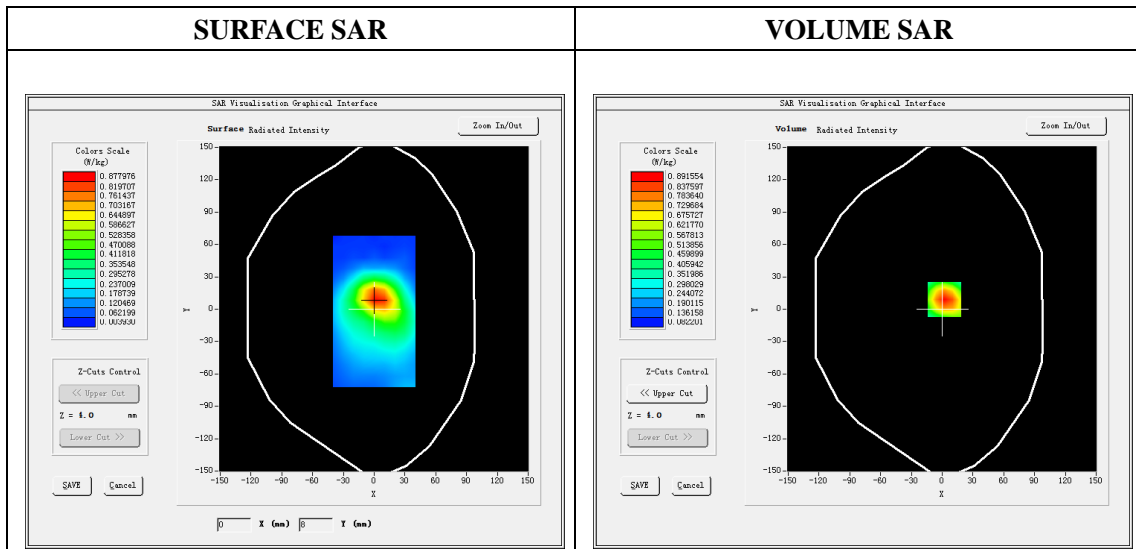
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	Band2_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)	53.35
Relative permittivity (imaginary)	15.70
Conductivity (S/m)	1.57
Variation (%)	-3.80
ConvF:	2.09

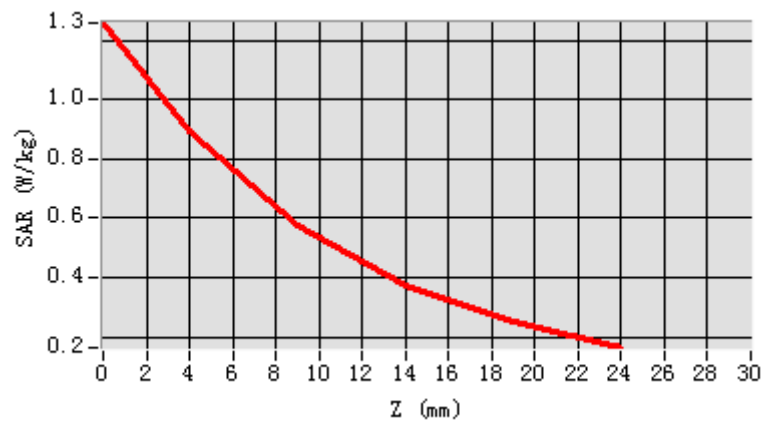


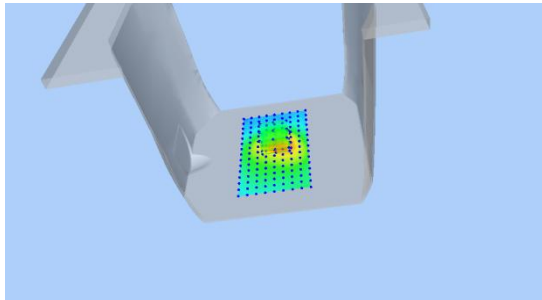
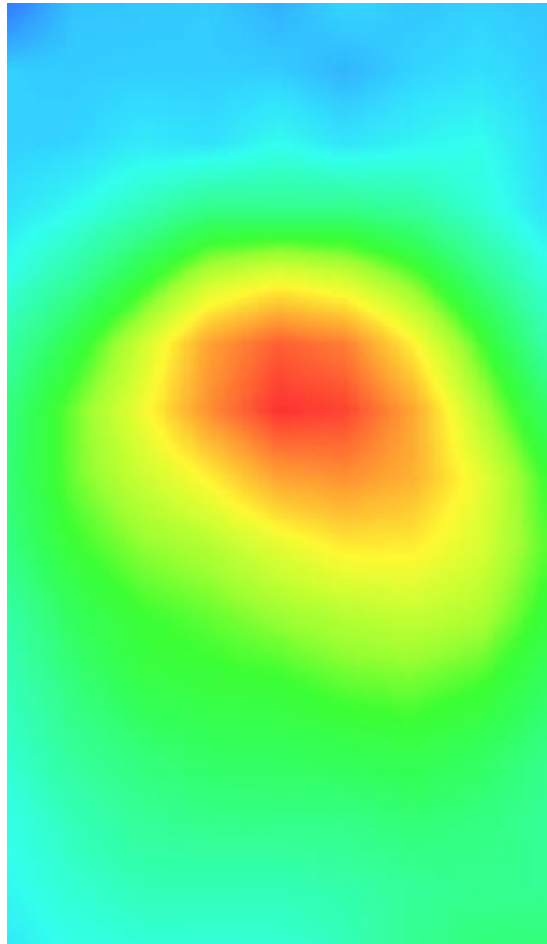
Maximum location: X=2.00, Y=9.00

SAR Peak: 1.26W/kg

SAR 10g (W/Kg)	0.512144
SAR 1g (W/Kg)	0.853285

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.2579	0.8916	0.5750	0.3746	0.2497



3D screen shot	Hot spot position
	

Plot 9: WCDMA1700, Edge C, Middle,10mm

Type: Phone measurement

Date of measurement: 01/20/2021

Measurement duration: 22 minutes 08 seconds

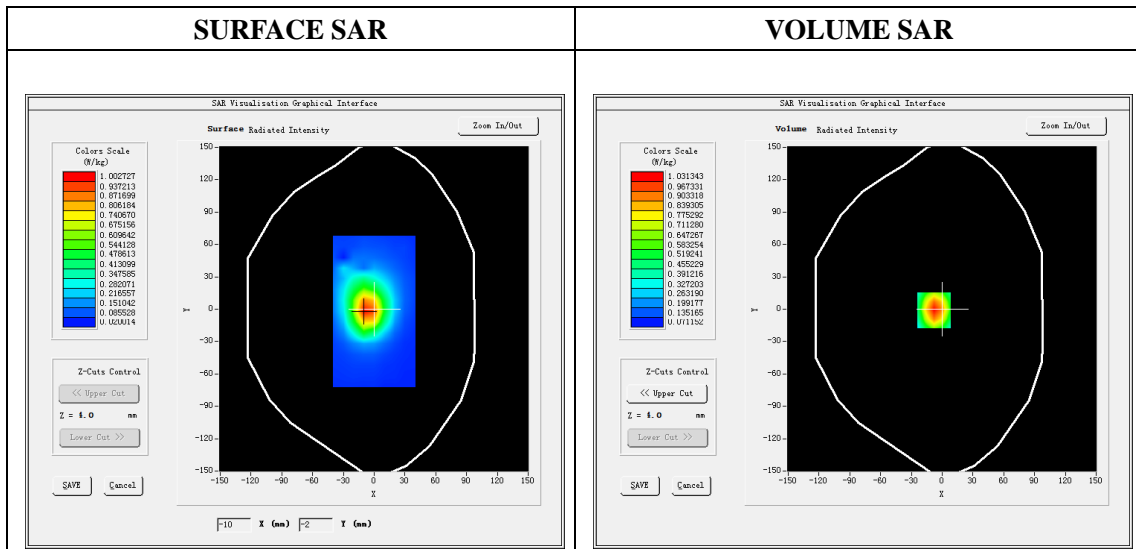
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge C
Band	Band2_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)	53.35
Relative permittivity (imaginary)	15.70
Conductivity (S/m)	1.57
Variation (%)	-3.39
ConvF:	2.09

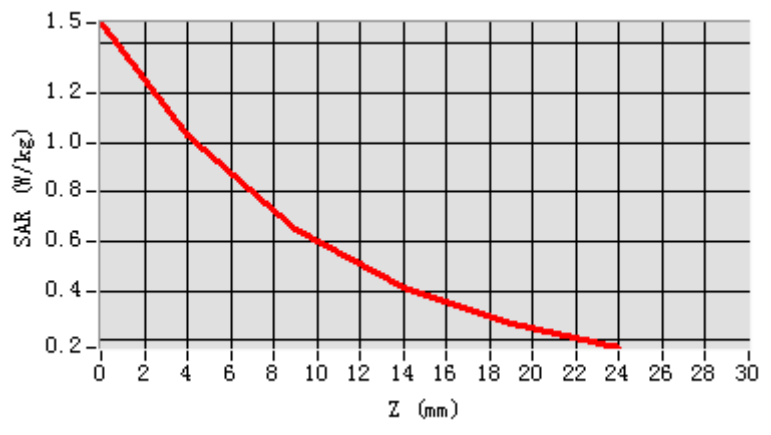


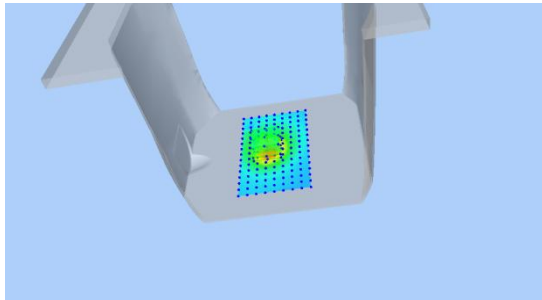
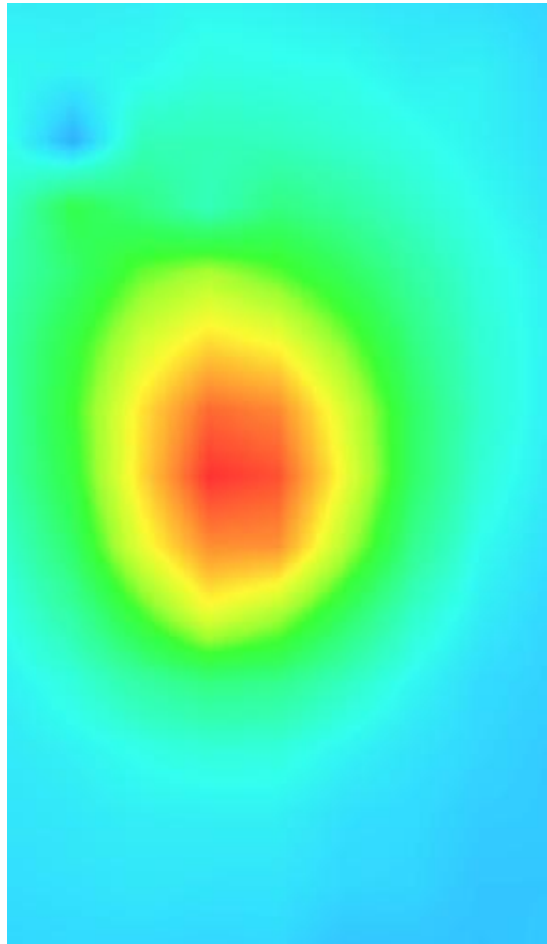
Maximum location: X=-8.00, Y=-1.00

SAR Peak: 1.49W/kg

SAR 10g (W/Kg)	0.566697
SAR 1g (W/Kg)	0.982279

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.4831	1.0313	0.6479	0.4111	0.2678



3D screen shot	Hot spot position
	

Plot 10: WCDMA850, Right Cheek, Middle

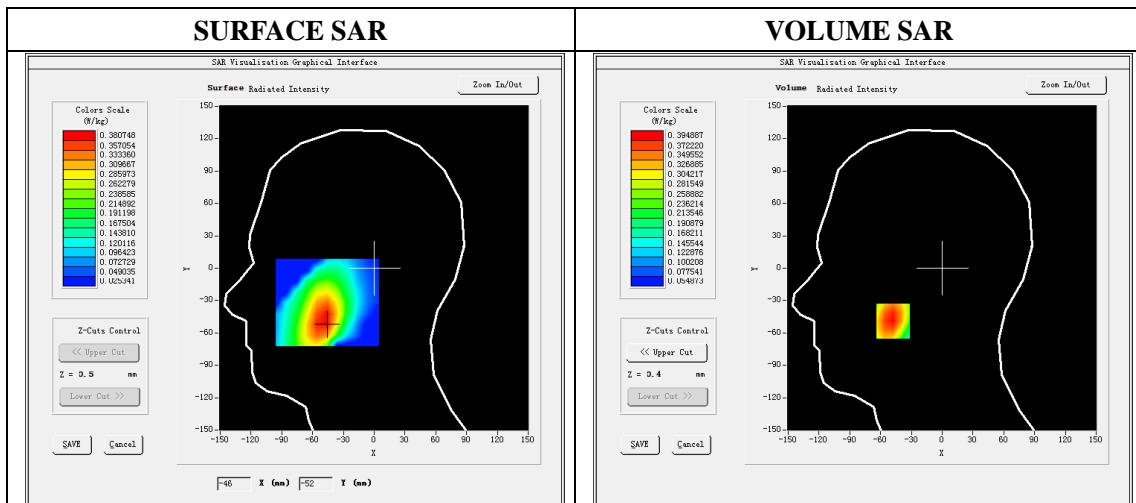
Type: Phone measurement
 Date of measurement: 01/19/2021
 Measurement duration: 22 minutes 10 seconds
 Mobile Phone IMEI number: --

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

B. SAR Measurement Results

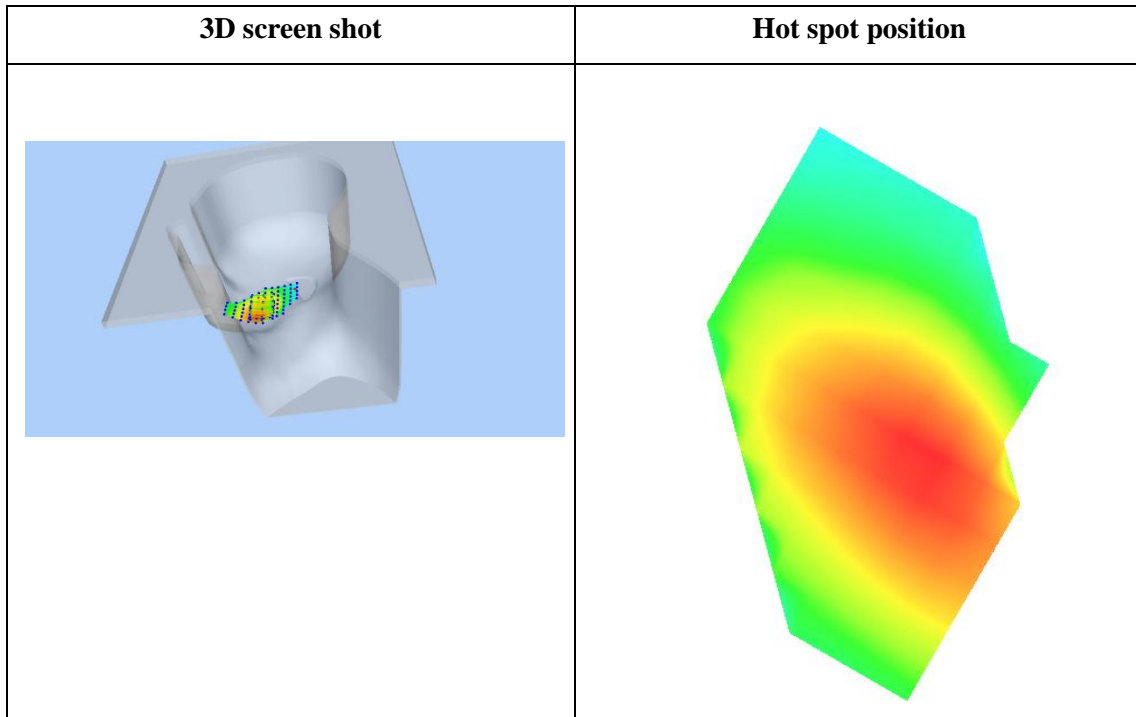
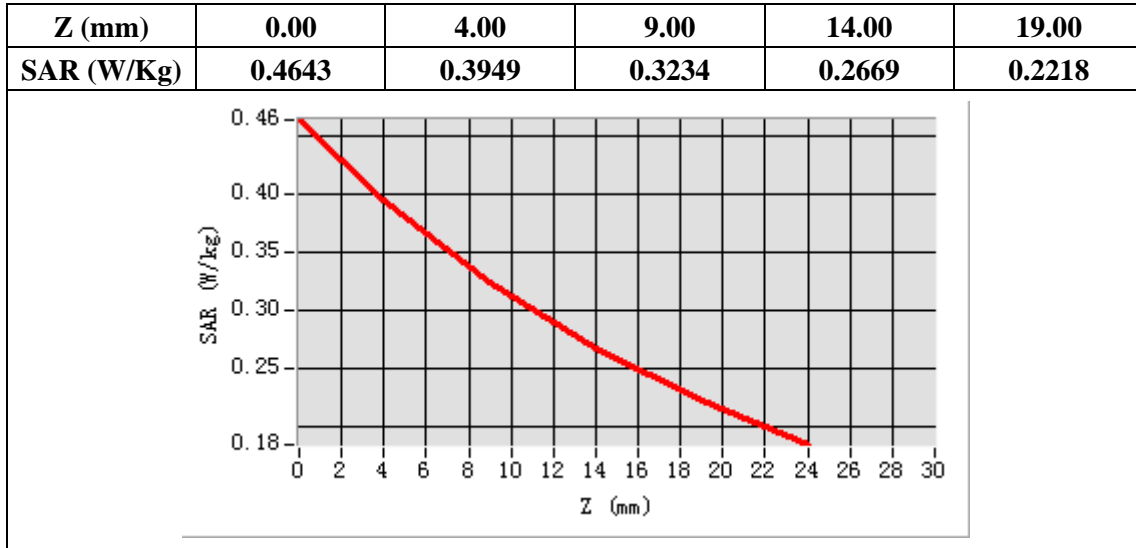
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.51
Relative permittivity (imaginary)	19.40
Conductivity (S/m)	0.90
Variation (%)	3.34
ConvF:	1.86



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

SAR Peak: 0.46W/kg

SAR 10g (W/Kg)	0.297441
SAR 1g (W/Kg)	0.383119



Plot 11: WCDMA850, Back, Middle,10mm

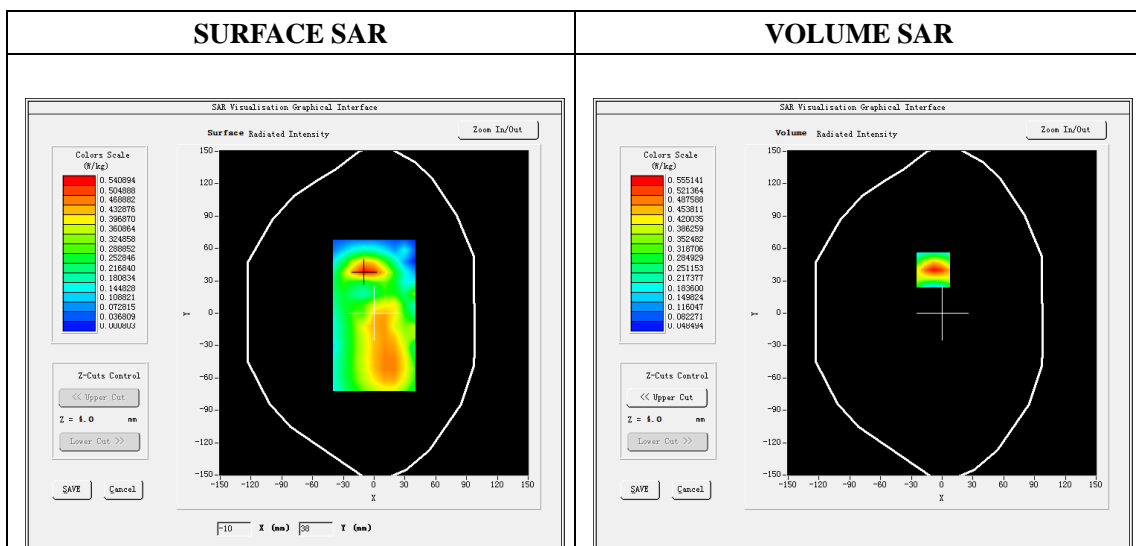
Type: Phone measurement
 Date of measurement: 01/19/2021
 Measurement duration: 22 minutes 12 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	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)	55.19
Relative permittivity (imaginary)	20.91
Conductivity (S/m)	0.97
Variation (%)	-0.56
ConvF:	1.90

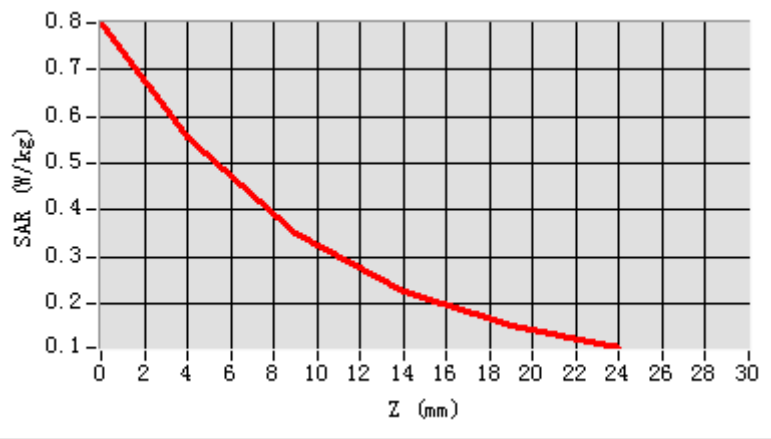


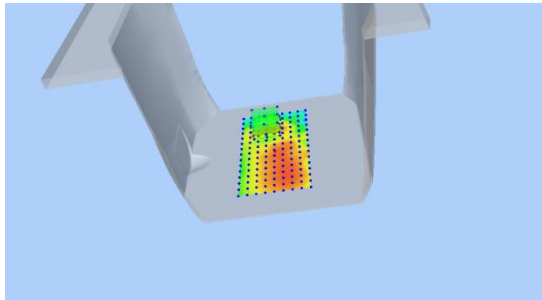
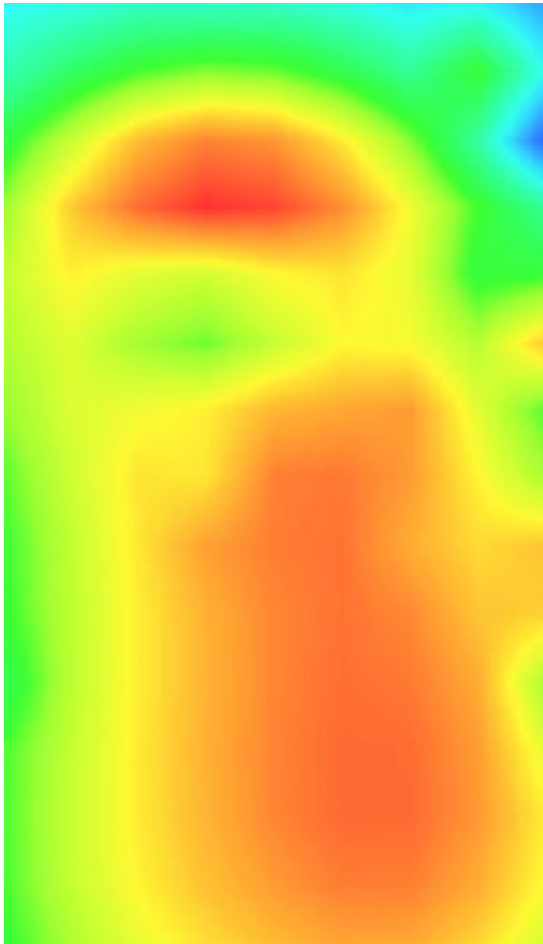
Maximum location: X=-9.00, Y=40.00

SAR Peak: 0.80W/kg

SAR 10g (W/Kg)	0.306691
SAR 1g (W/Kg)	0.517478

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7995	0.5551	0.3507	0.2274	0.1550



3D screen shot	Hot spot position
	

Plot 12: WCDMA850, Edge B, Middle,10mm

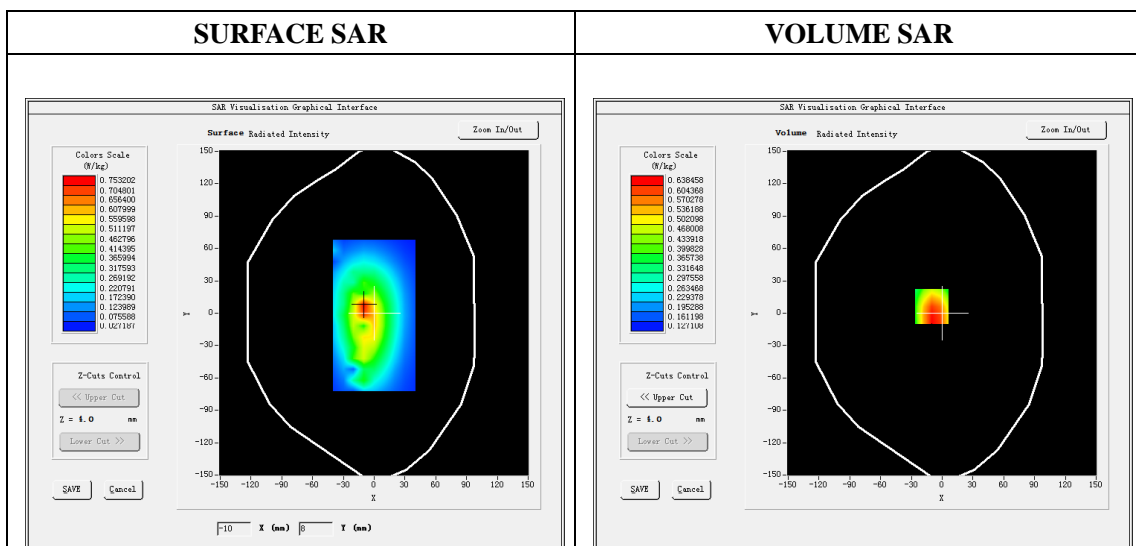
Type: Phone measurement
 Date of measurement: 01/19/2021
 Measurement duration: 22 minutes 13 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge B
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)	55.19
Relative permittivity (imaginary)	20.91
Conductivity (S/m)	0.97
Variation (%)	-3.83
ConvF:	1.90

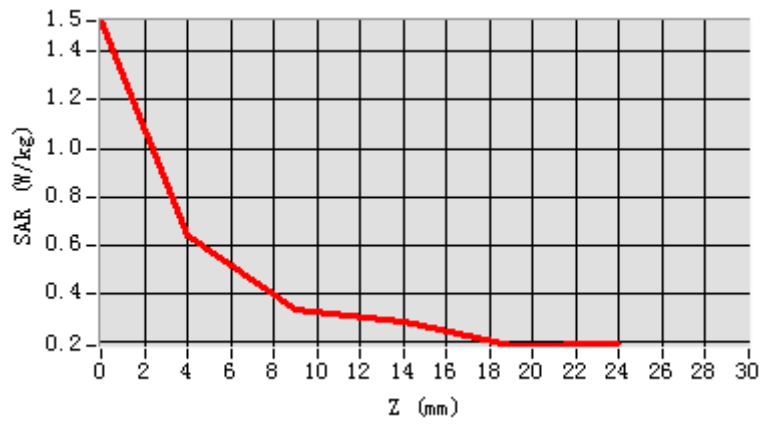


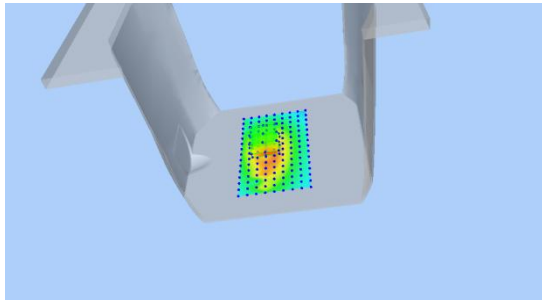
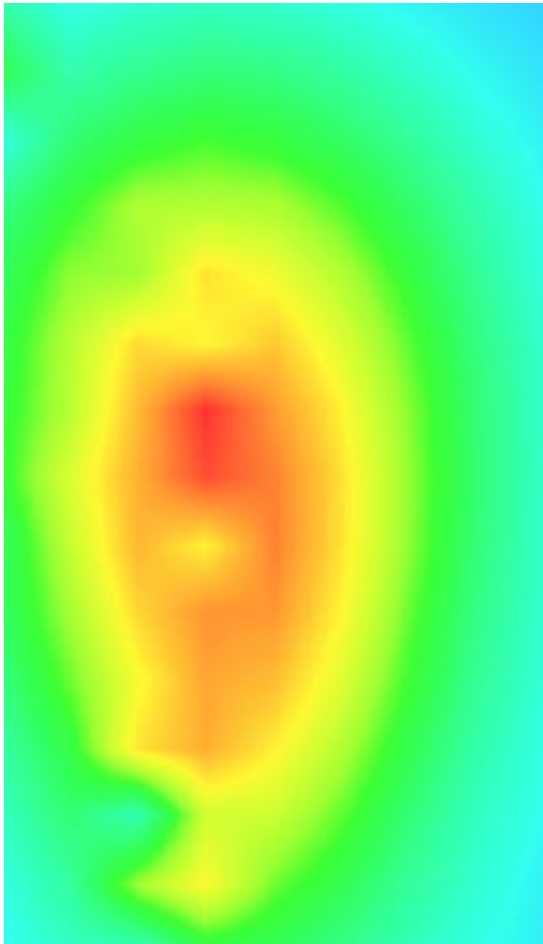
Maximum location: X=-10.00, Y=6.00

SAR Peak: 0.94W/kg

SAR 10g (W/Kg)	0.412420
SAR 1g (W/Kg)	0.615091

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.5276	0.6385	0.3348	0.2787	0.1824



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 01/21/2021

Measurement duration: 22 minutes 11 seconds

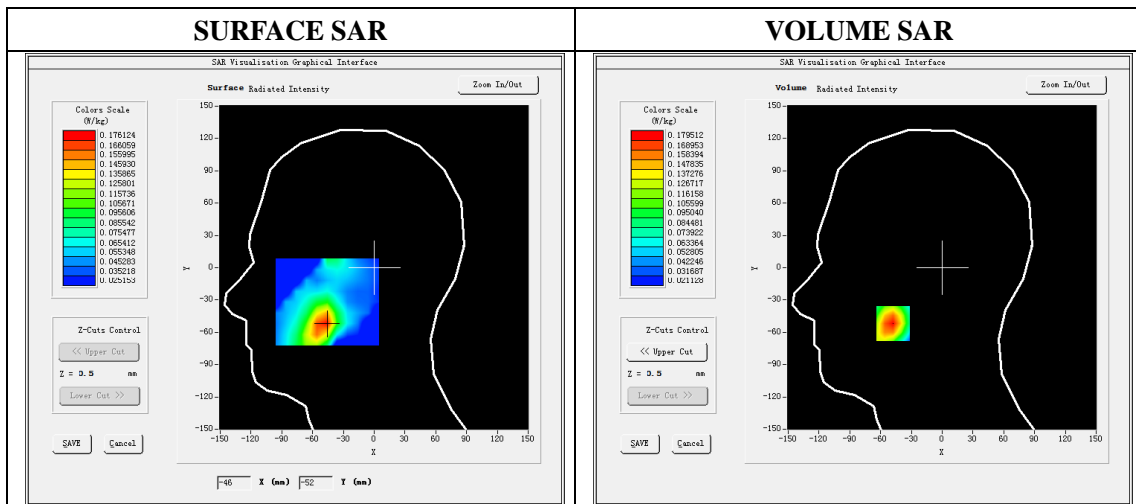
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left 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)	40.46
Relative permittivity (imaginary)	12.98
Conductivity (S/m)	1.37
Variation (%)	-4.94
ConvF:	2.20

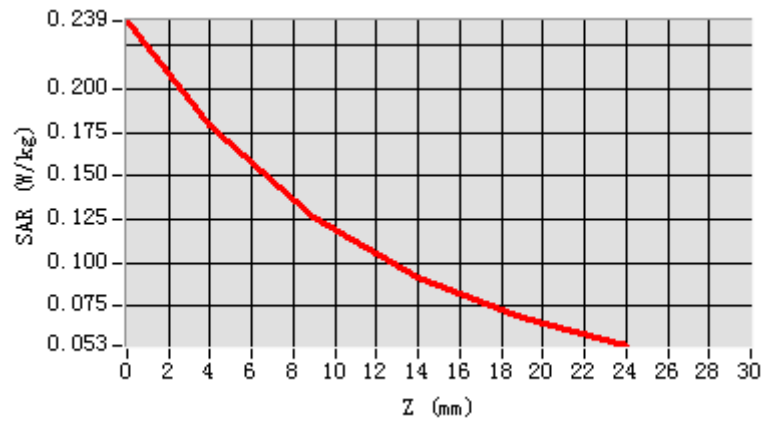


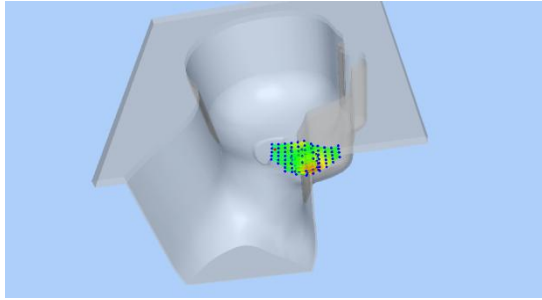
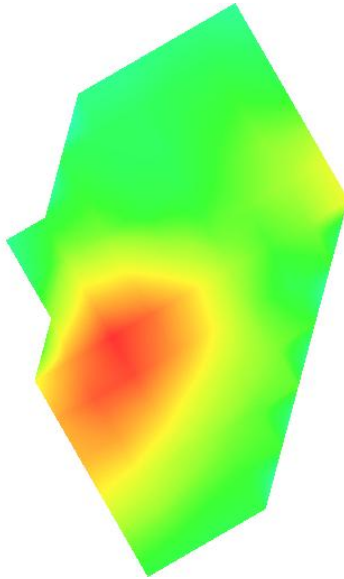
Maximum location: X=-48.00, Y=-52.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.110398
SAR 1g (W/Kg)	0.170191

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2390	0.1795	0.1264	0.0916	0.0690



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 01/21/2021

Measurement duration: 22 minutes 14 seconds

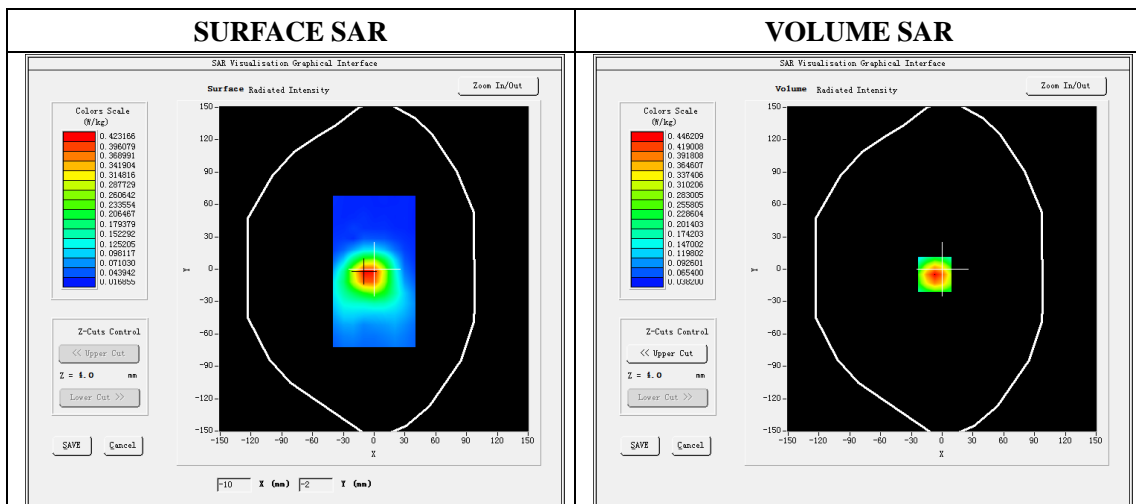
Mobile Phone IMEI number: --

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

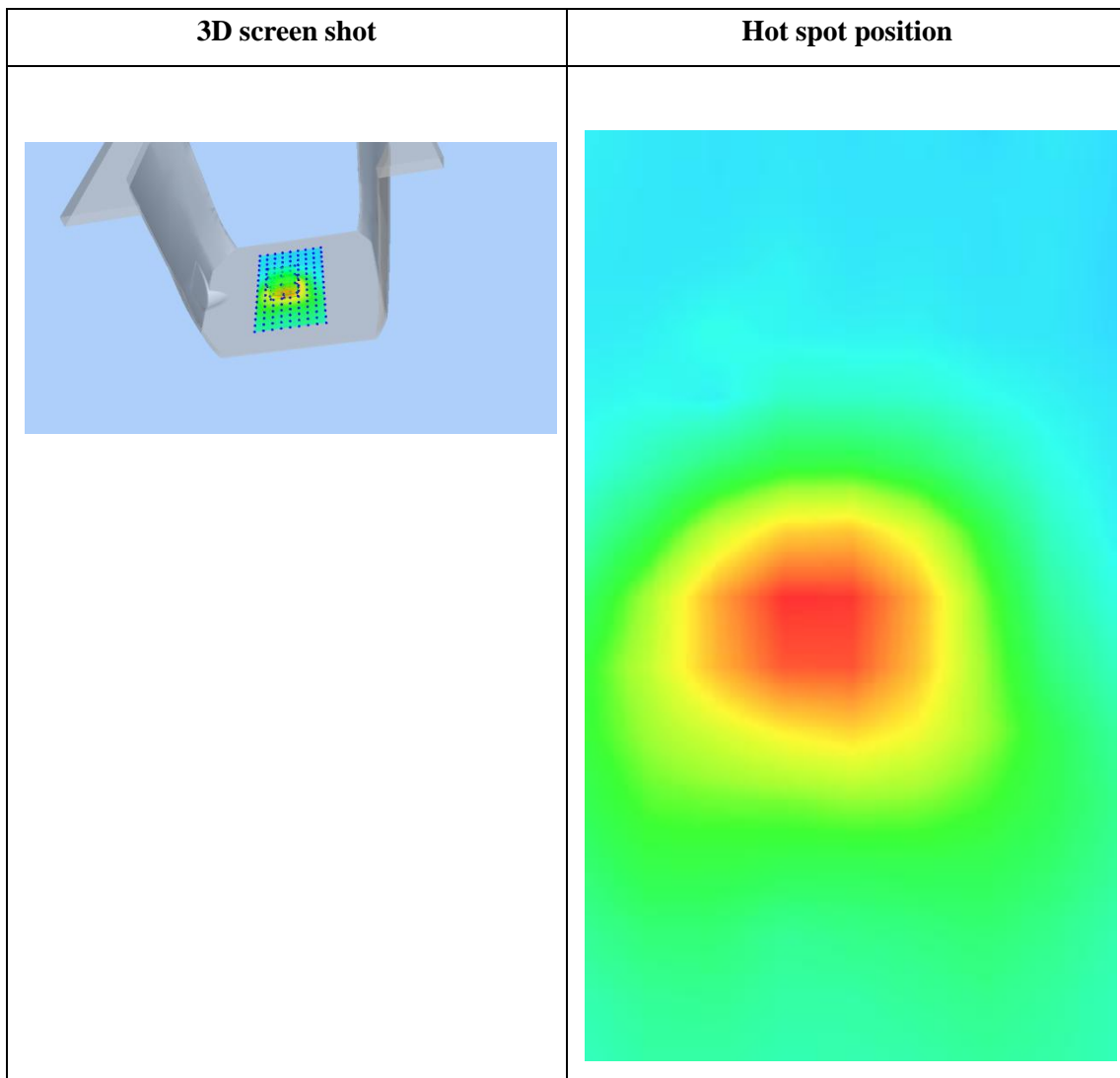
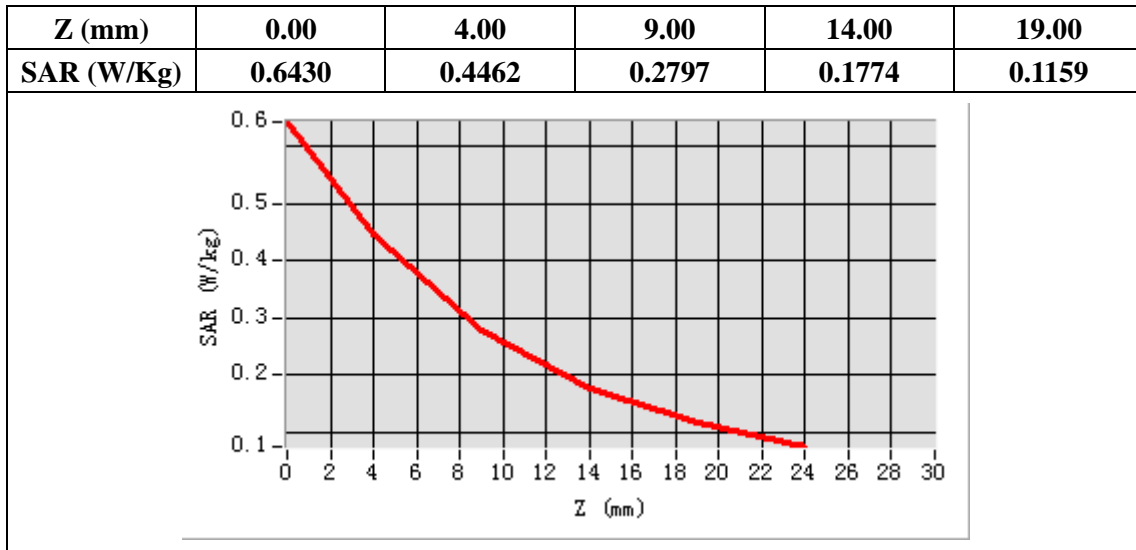
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.30
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.52
Variation (%)	-0.57
ConvF:	2.26



Maximum location: X=-7.00, Y=-5.00

SAR Peak: 0.64W/kg

SAR 10g (W/Kg)	0.244161
SAR 1g (W/Kg)	0.417618



Plot 15: LTE Band2, 20MHz, Edge C, Middle,10mm

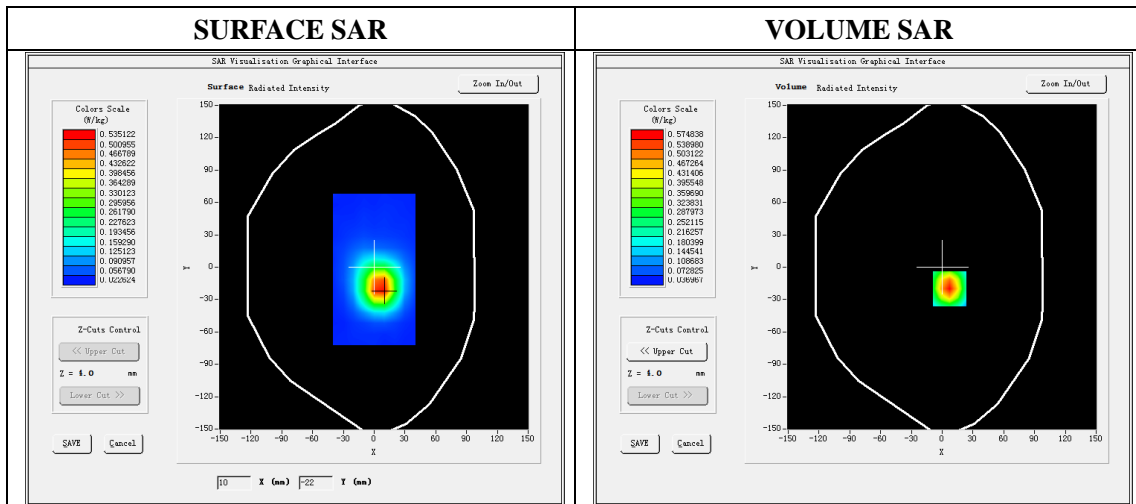
Type: Phone measurement
 Date of measurement: 01/21/2021
 Measurement duration: 22 minutes 17 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

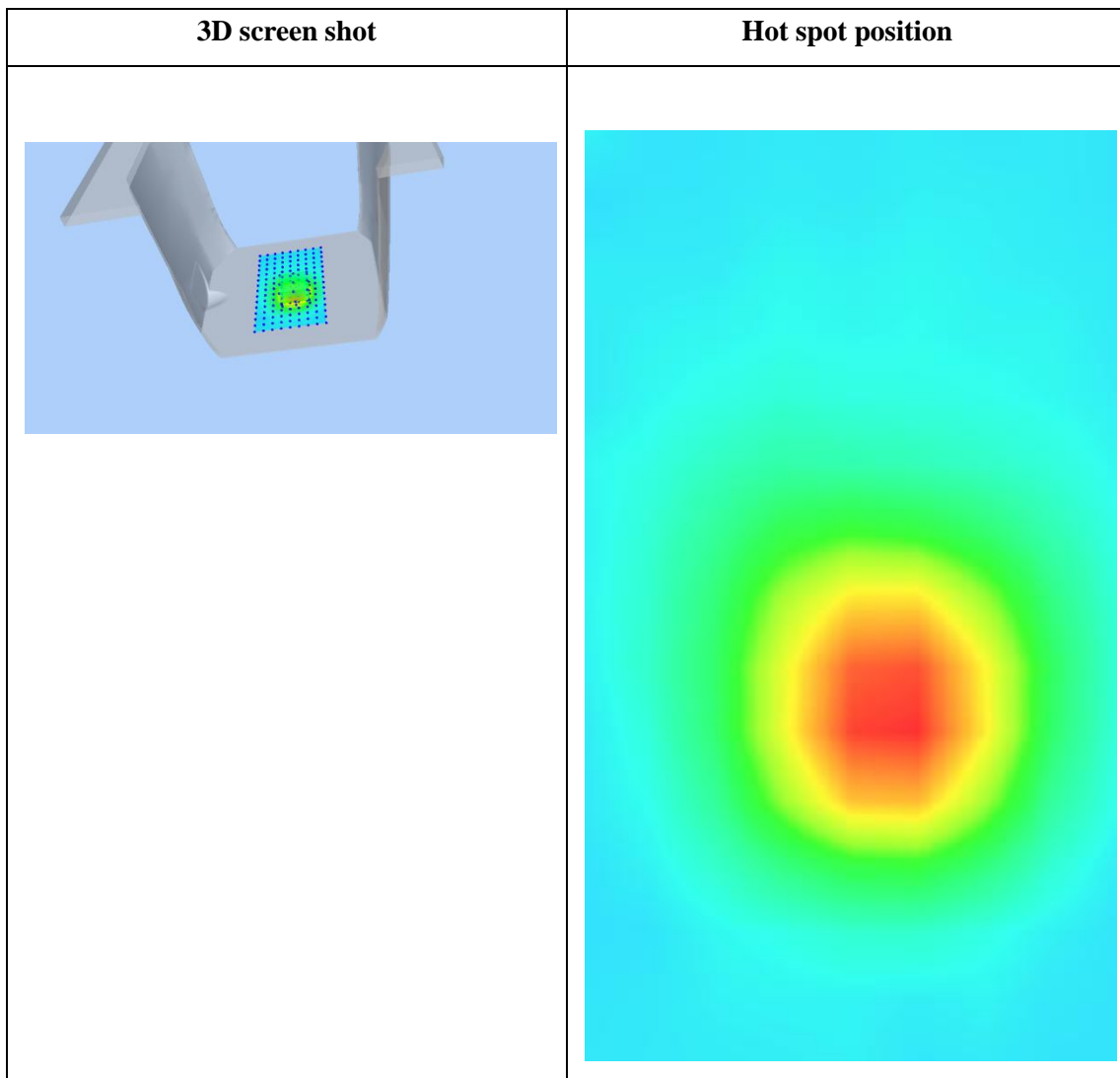
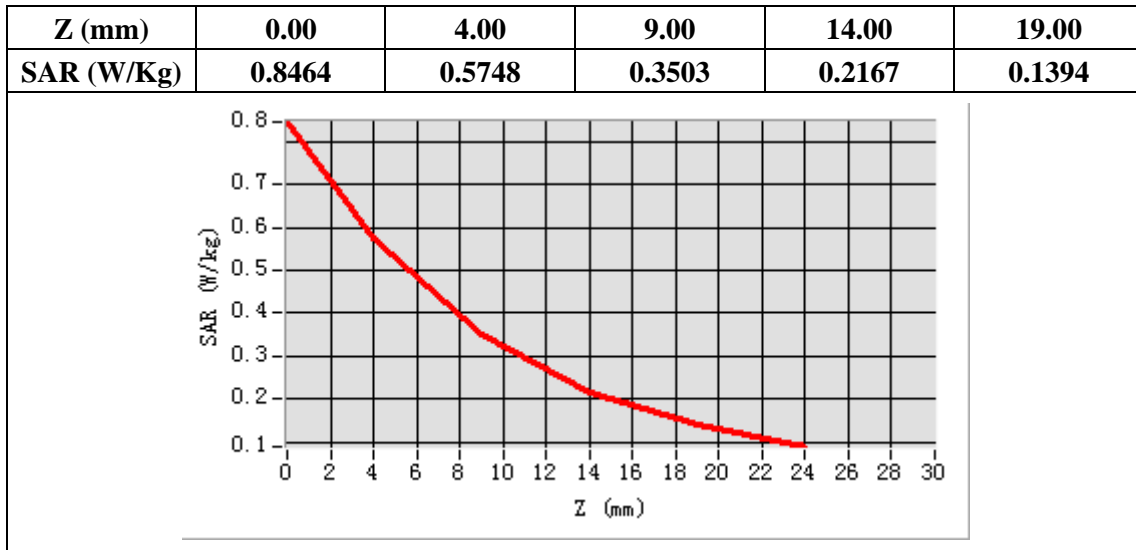
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.30
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.52
Variation (%)	-1.14
ConvF:	2.26



Maximum location: X=7.00, Y=-20.00

SAR Peak:0.85W/kg

SAR 10g (W/Kg)	0.298251
SAR 1g (W/Kg)	0.534501



Plot 16: LTE Band4, 20MHz, Left Cheek, Middle

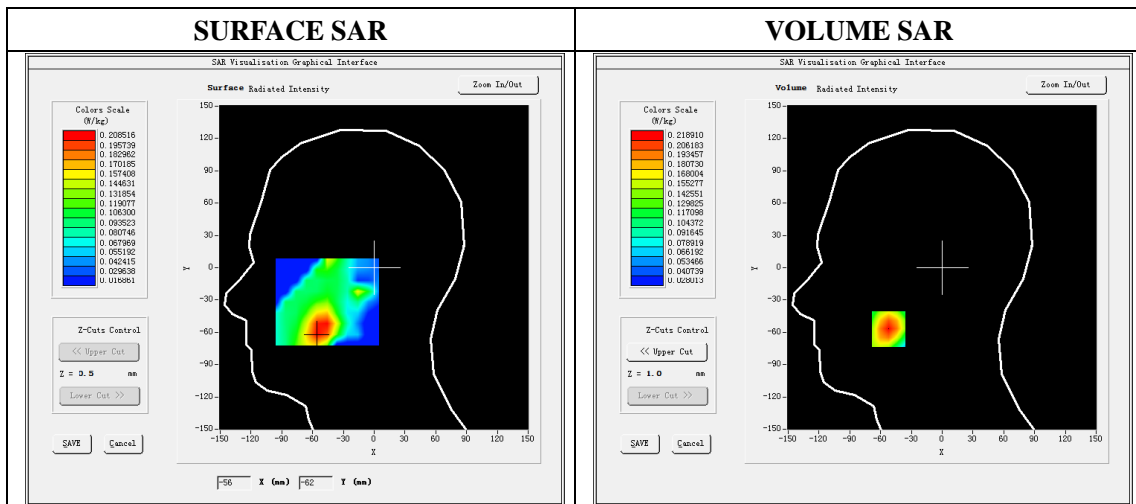
Type: Phone measurement
 Date of measurement: 01/20/2021
 Measurement duration: 22 minutes 15 seconds
 Mobile Phone IMEI number: --

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)	40.53
Relative permittivity (imaginary)	14.30
Conductivity (S/m)	1.43
Variation (%)	-2.07
ConvF:	2.04

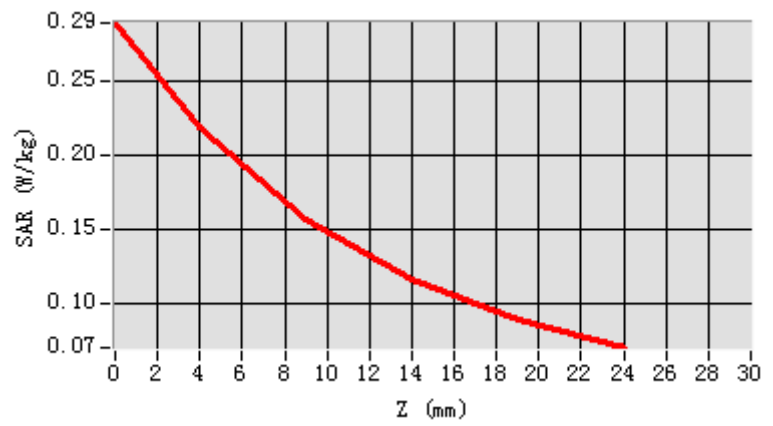


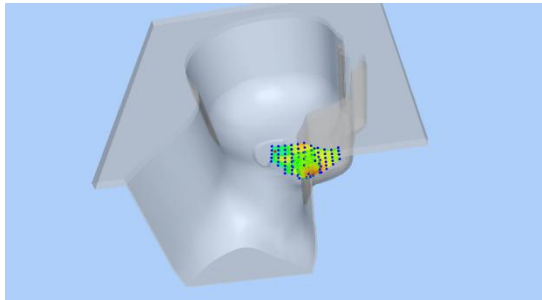
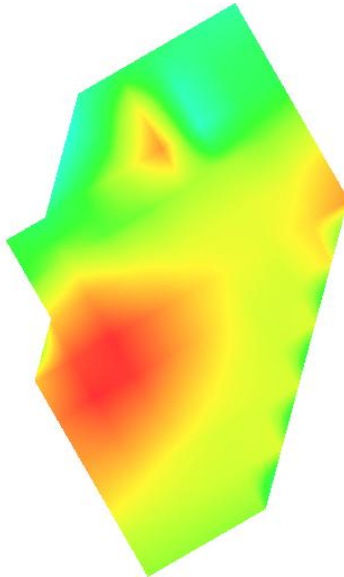
Maximum location: X=-52.00, Y=-57.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.141314
SAR 1g (W/Kg)	0.211780

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2894	0.2189	0.1561	0.1150	0.0887



3D screen shot	Hot spot position
	

Plot 17: LTE Band4, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/20/2021

Measurement duration: 22 minutes 18 seconds

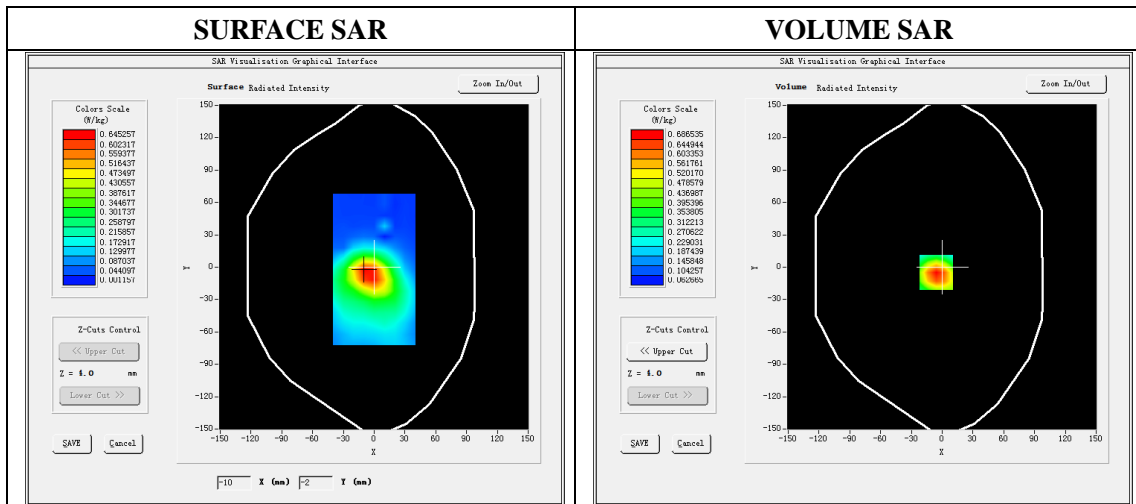
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

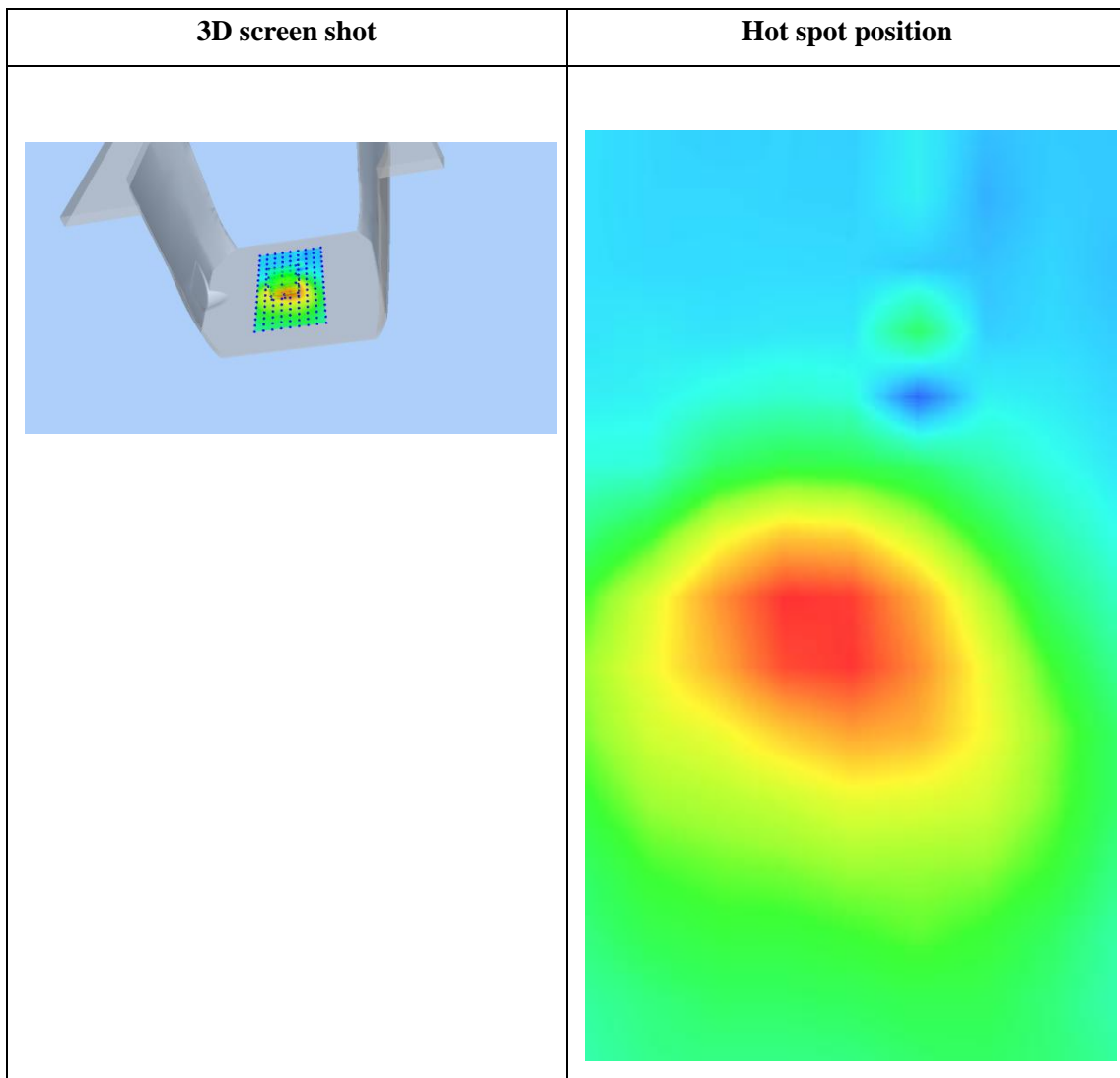
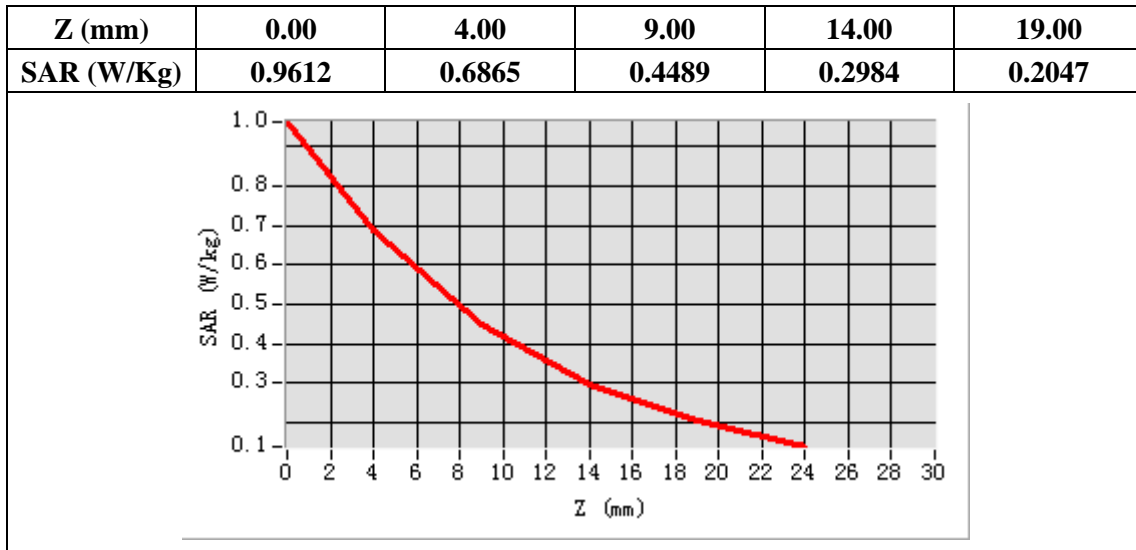
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.35
Relative permittivity (imaginary)	15.70
Conductivity (S/m)	1.57
Variation (%)	-1.41
ConvF:	2.09



Maximum location: X=-6.00, Y=-5.00

SAR Peak: 0.97W/kg

SAR 10g (W/Kg)	0.400747
SAR 1g (W/Kg)	0.660760



Plot 18: LTE Band4, 20MHz, Edge C, Middle,10mm

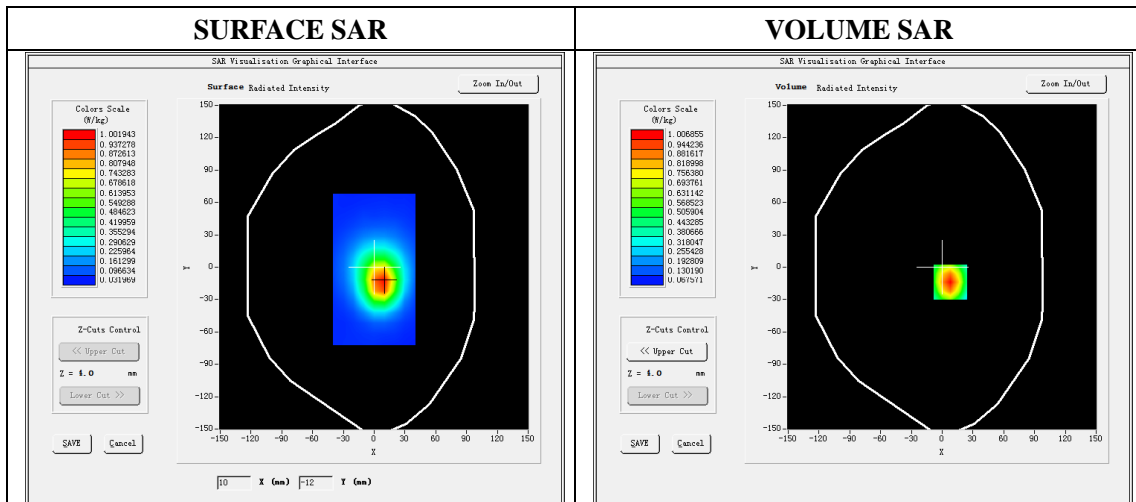
Type: Phone measurement
 Date of measurement: 01/20/2021
 Measurement duration: 22 minutes 19 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

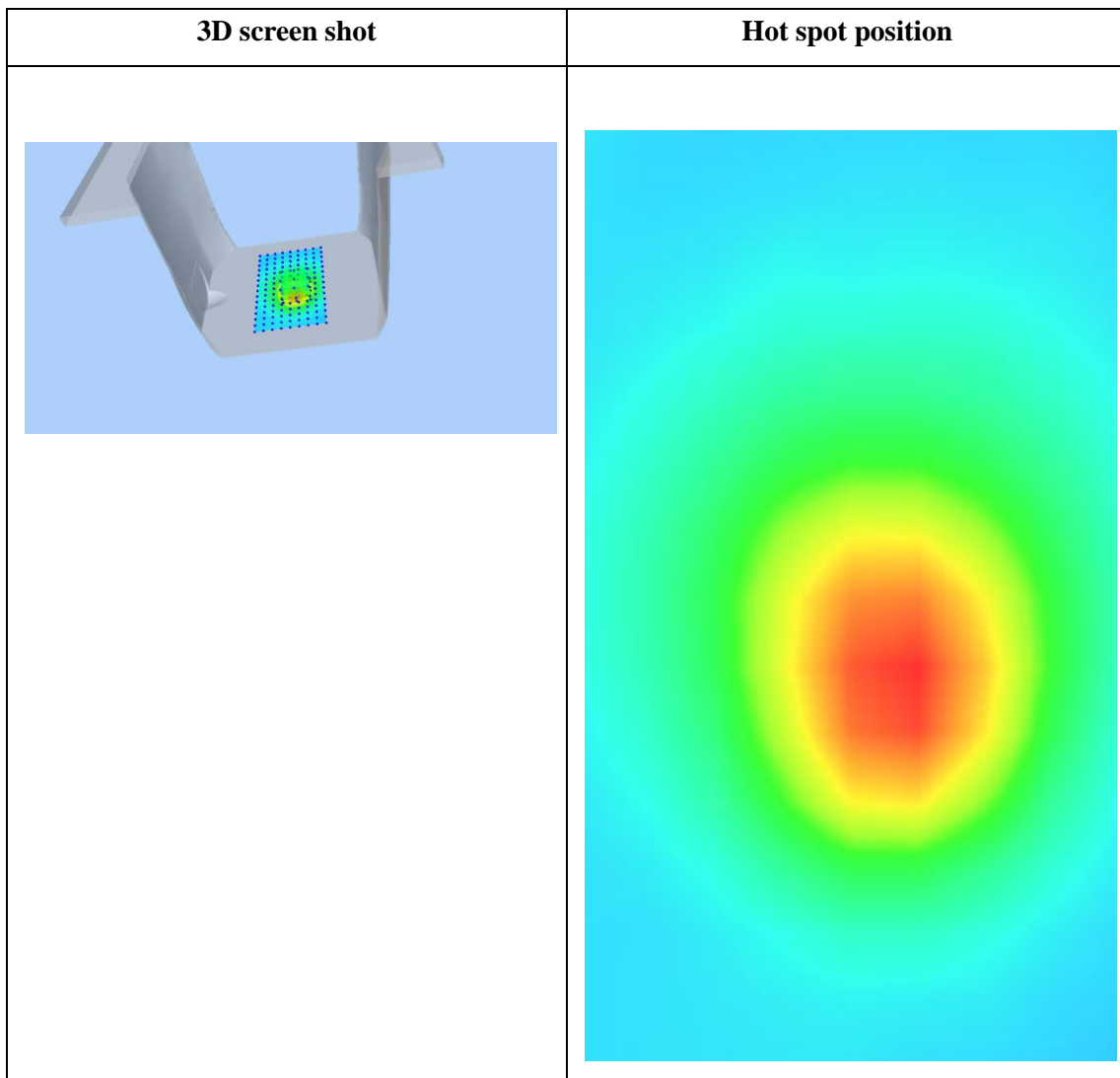
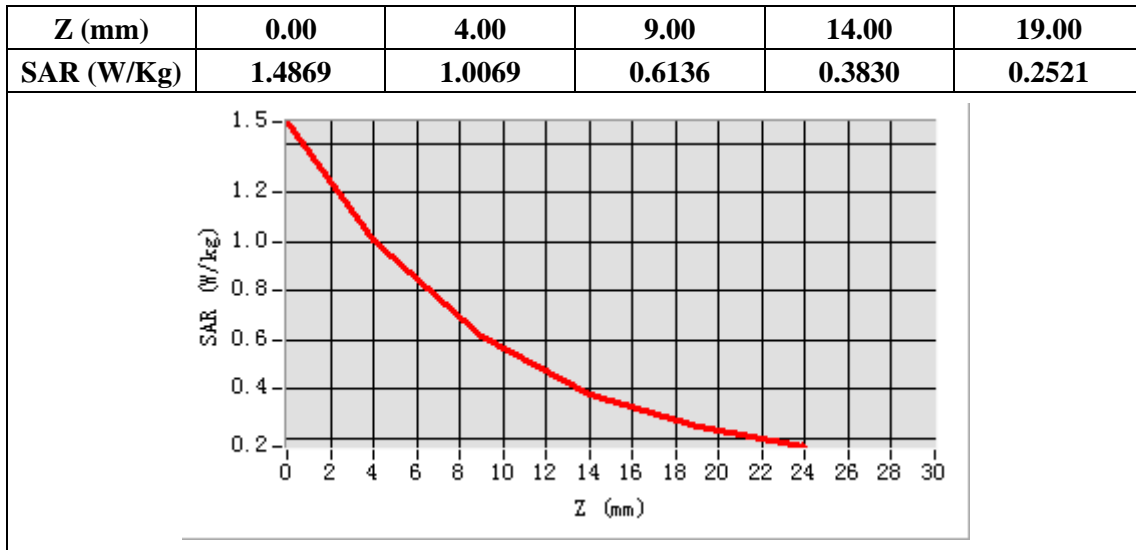
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.35
Relative permittivity (imaginary)	15.70
Conductivity (S/m)	1.57
Variation (%)	-2.86
ConvF:	2.09



Maximum location: X=8.00, Y=-14.00

SAR Peak: 1.49W/kg

SAR 10g (W/Kg)	0.547717
SAR 1g (W/Kg)	0.958733



Plot 19: LTE Band5, 10MHz, Right Cheek, Middle

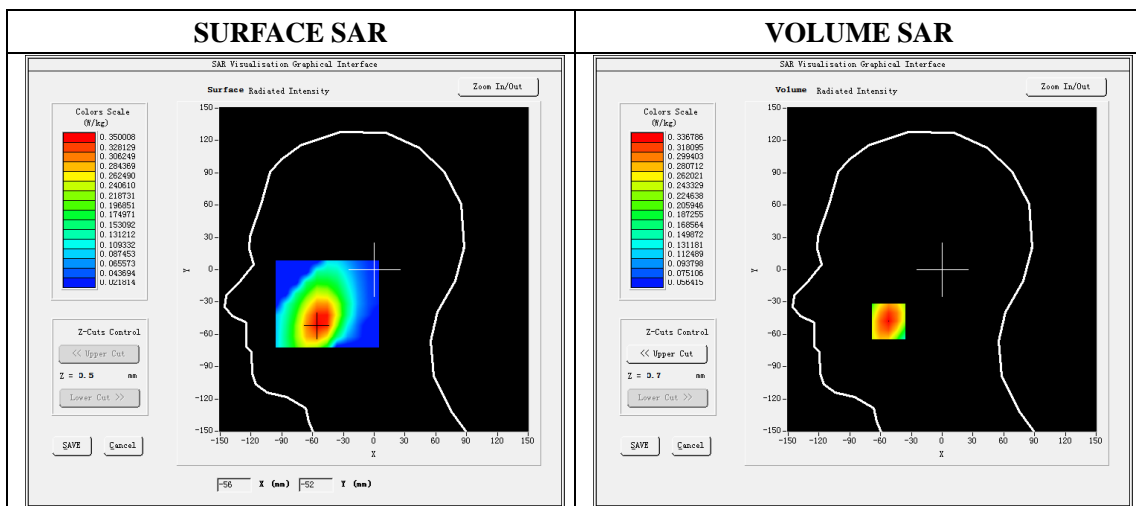
Type: Phone measurement
 Date of measurement: 01/19/2021
 Measurement duration: 22 minutes 16 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	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)	41.51
Relative permittivity (imaginary)	19.40
Conductivity (S/m)	0.90
Variation (%)	-2.01
ConvF:	1.86

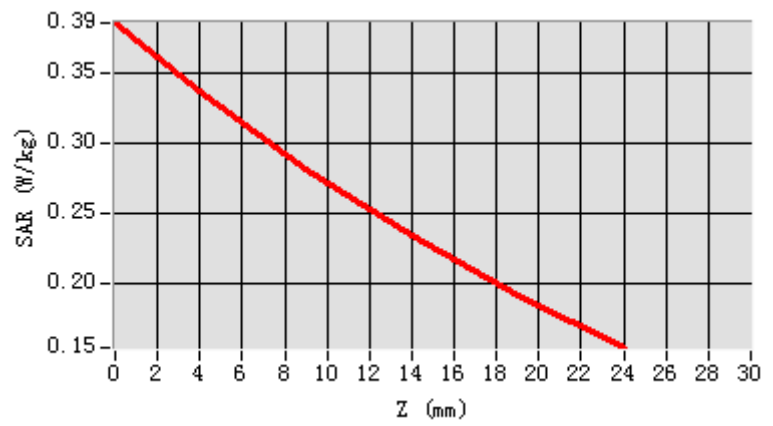


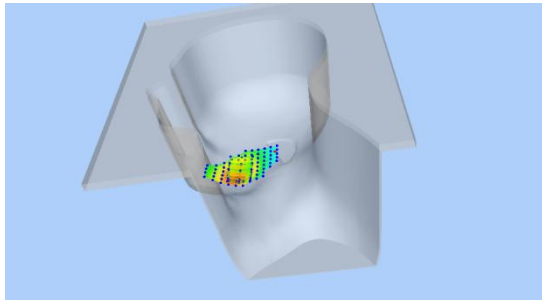
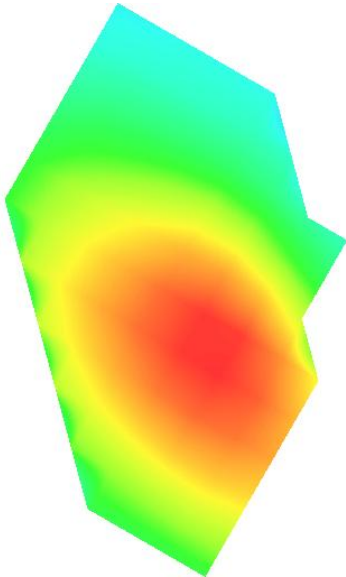
Maximum location: X=-52.00, Y=-48.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.253379
SAR 1g (W/Kg)	0.325434

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3857	0.3368	0.2820	0.2338	0.1915



3D screen shot	Hot spot position
	

Plot 20: LTE Band5, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/19/2021

Measurement duration: 22 minutes 20 seconds

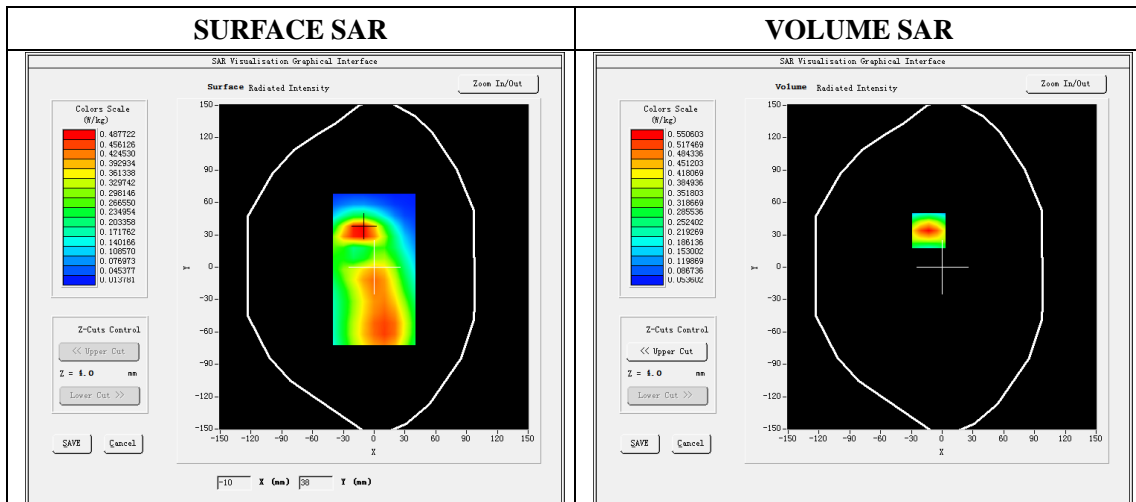
Mobile Phone IMEI number: --

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)	55.19
Relative permittivity (imaginary)	20.91
Conductivity (S/m)	0.97
Variation (%)	-0.52
ConvF:	1.90

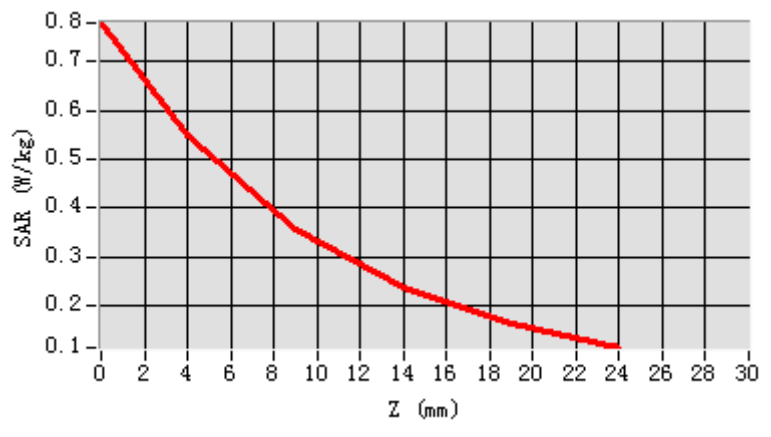


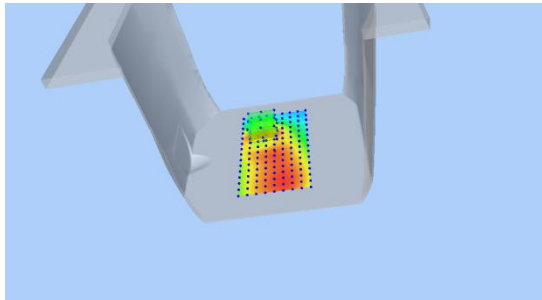
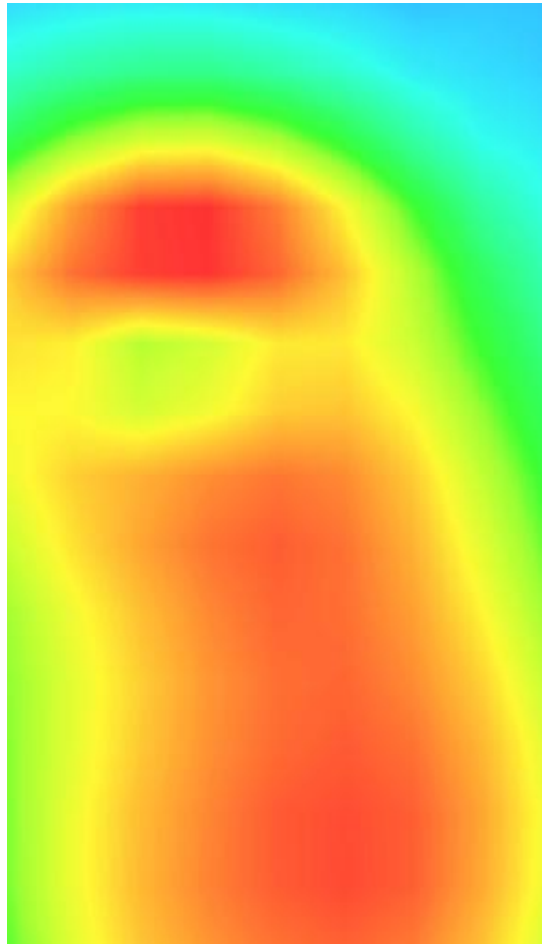
Maximum location: X=-13.00, Y=34.00

SAR Peak: 0.78W/kg

SAR 10g (W/Kg)	0.305458
SAR 1g (W/Kg)	0.511404

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7798	0.5506	0.3559	0.2359	0.1636



3D screen shot	Hot spot position
	

Plot 21: LTE Band5, 10MHz, Edge B, Middle,10mm

Type: Phone measurement

Date of measurement: 01/19/2021

Measurement duration: 22 minutes 21 seconds

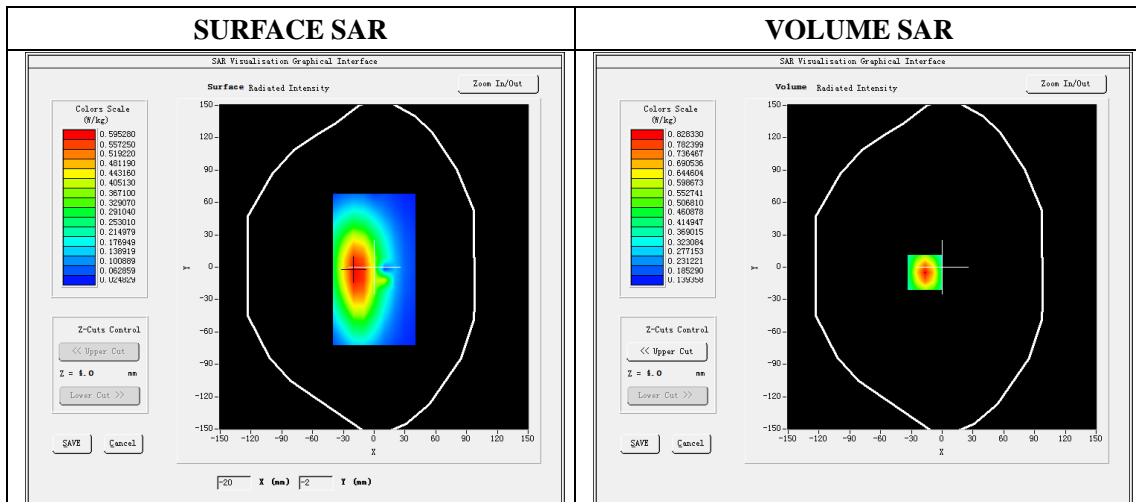
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Edge B
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)	55.19
Relative permittivity (imaginary)	20.91
Conductivity (S/m)	0.97
Variation (%)	-1.86
ConvF:	1.90

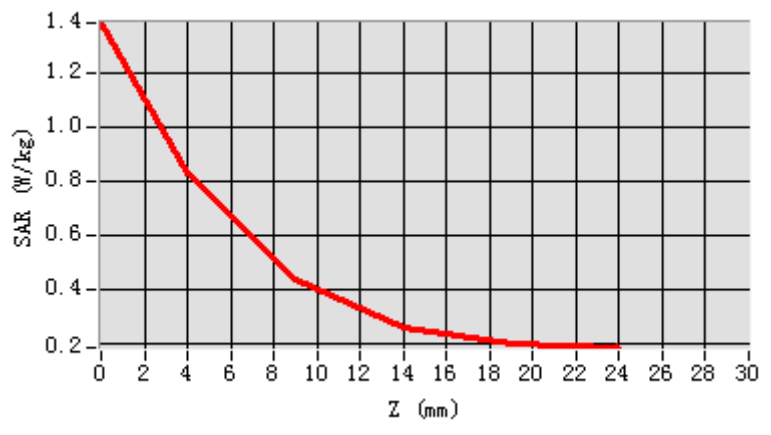


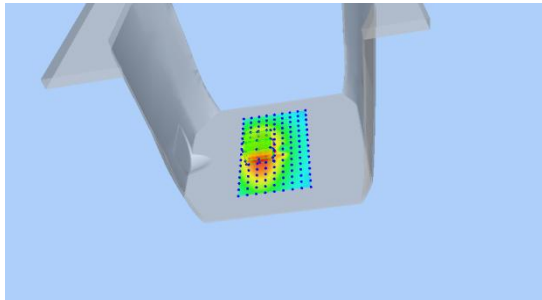
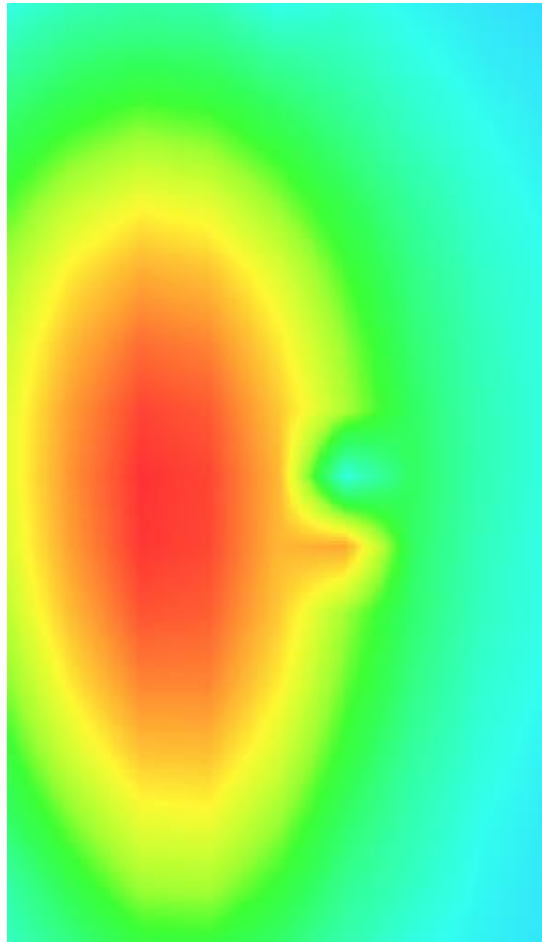
Maximum location: X=-17.00, Y=-5.00

SAR Peak: 1.38W/kg

SAR 10g (W/Kg)	0.449822
SAR 1g (W/Kg)	0.780302

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3871	0.8283	0.4367	0.2621	0.2018



3D screen shot	Hot spot position
	

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

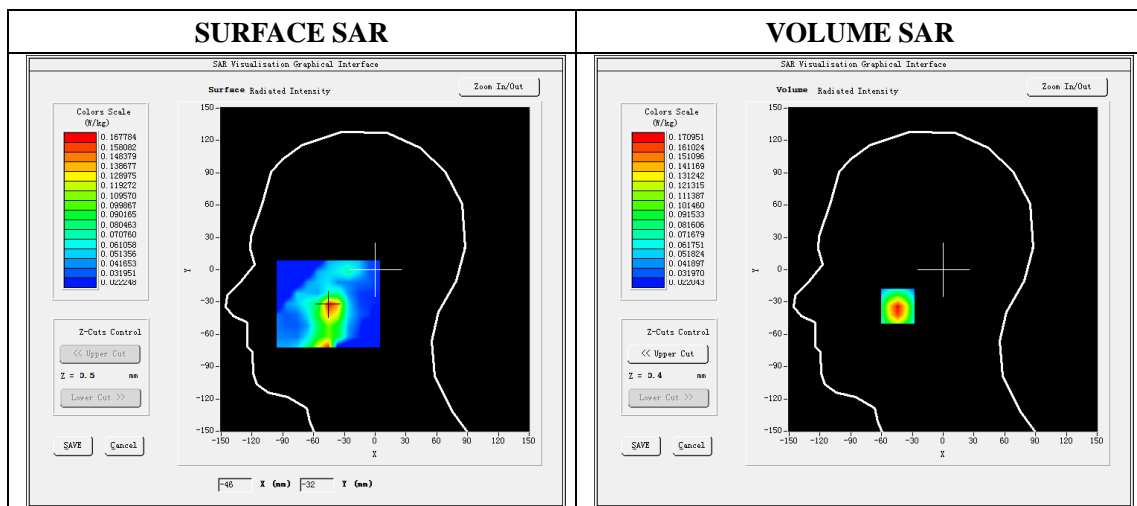
Type: Phone measurement
 Date of measurement: 01/23/2021
 Measurement duration: 22 minutes 24 seconds
 Mobile Phone IMEI number: --

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	21350
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2560
Relative permittivity (real part)	38.99
Relative permittivity (imaginary)	13.50
Conductivity (S/m)	1.95
Variation (%)	-3.41
ConvF:	2.07

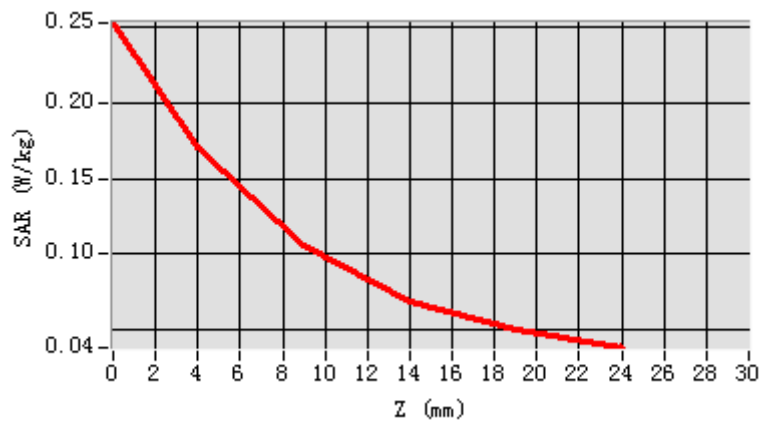


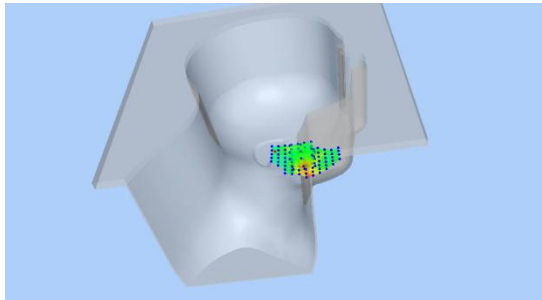
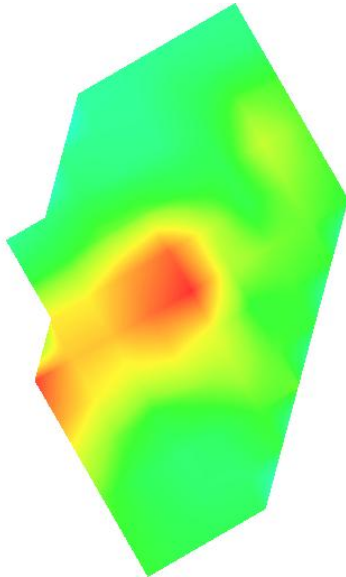
Maximum location: X=-44.00 Y=-34.00

SAR Peak: 0.26W/kg

SAR 10g (W/Kg)	0.091818
SAR 1g (W/Kg)	0.161256

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2529	0.1710	0.1055	0.0690	0.0498



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 01/23/2021

Measurement duration: 22 minutes 25 seconds

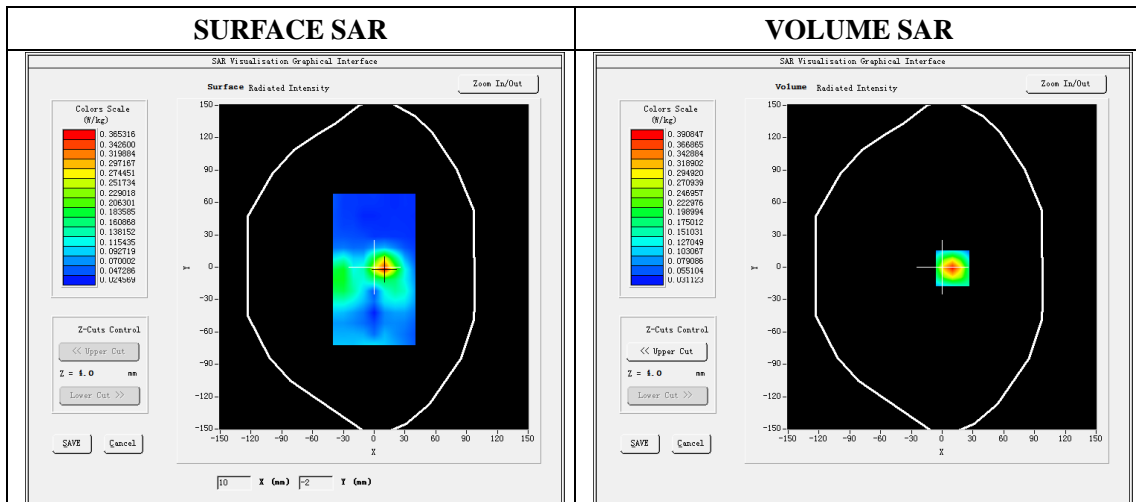
Mobile Phone IMEI number: --

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 7
Channels	21350
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2560
Relative permittivity (real part)	52.49
Relative permittivity (imaginary)	14.95
Conductivity (S/m)	2.16
Variation (%)	-1.21
ConvF:	2.25

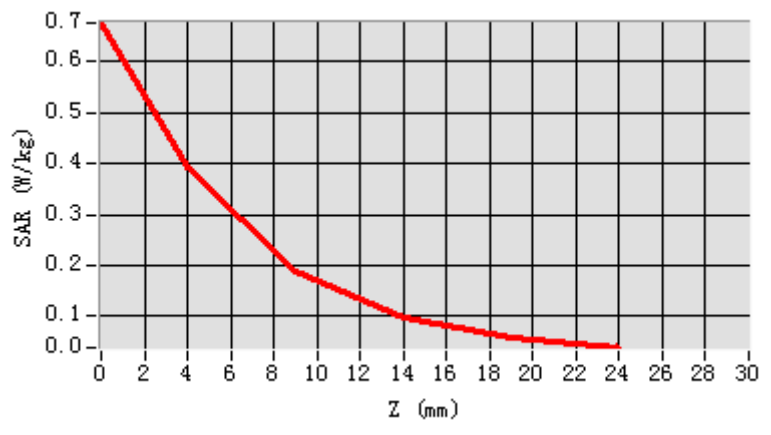


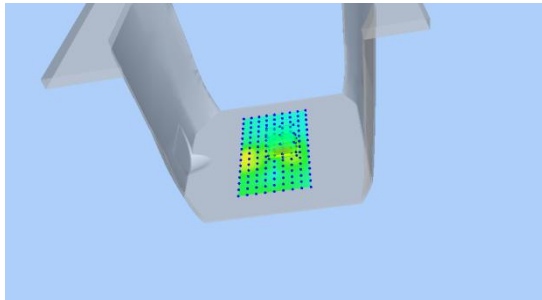
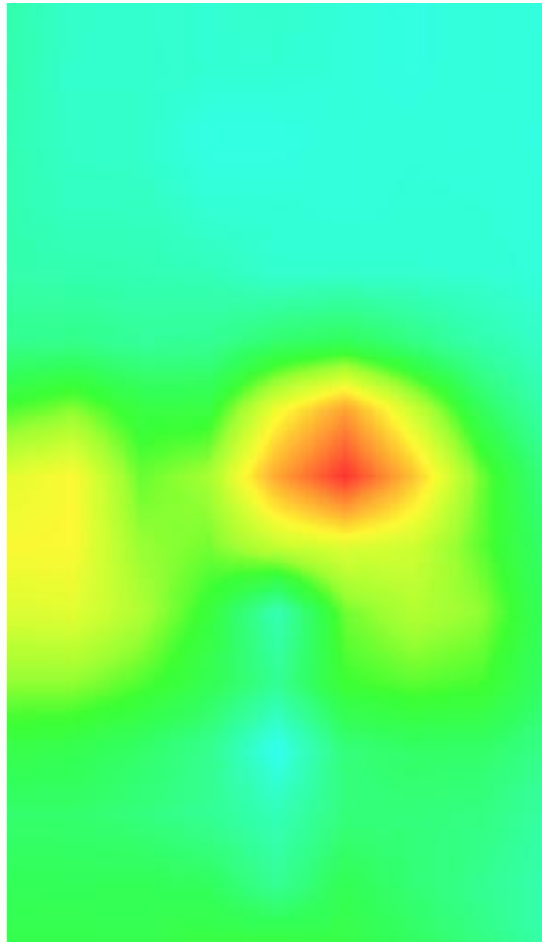
Maximum location: X=10.00 Y=-1.00

SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.174596
SAR 1g (W/Kg)	0.359001

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6763	0.3908	0.1896	0.0959	0.0571



3D screen shot	Hot spot position
	

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

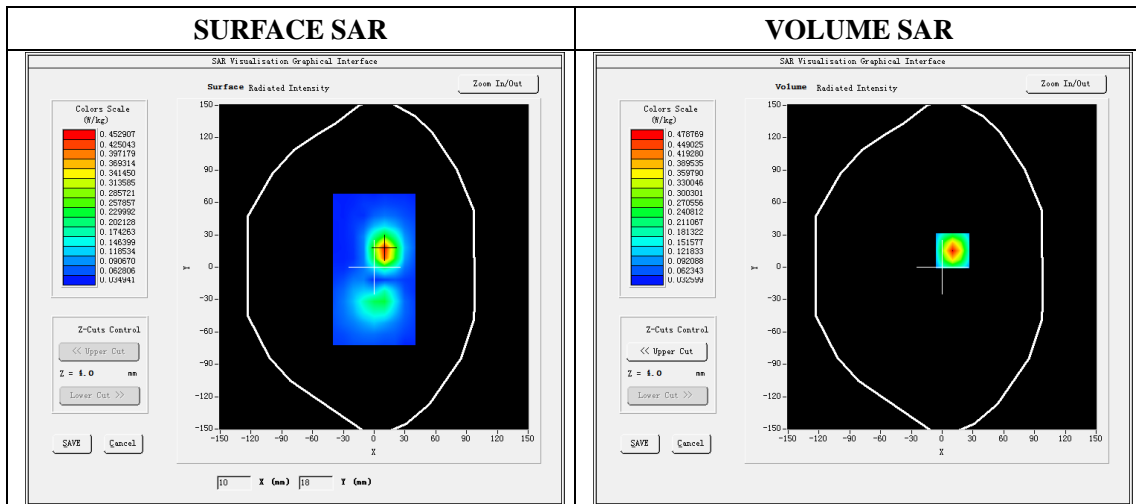
Type: Phone measurement
 Date of measurement: 01/23/2021
 Measurement duration: 22 minutes 22 seconds
 Mobile Phone IMEI number: --

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	21350
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2560
Relative permittivity (real part)	52.49
Relative permittivity (imaginary)	14.95
Conductivity (S/m)	2.16
Variation (%)	-1.09
ConvF:	2.25

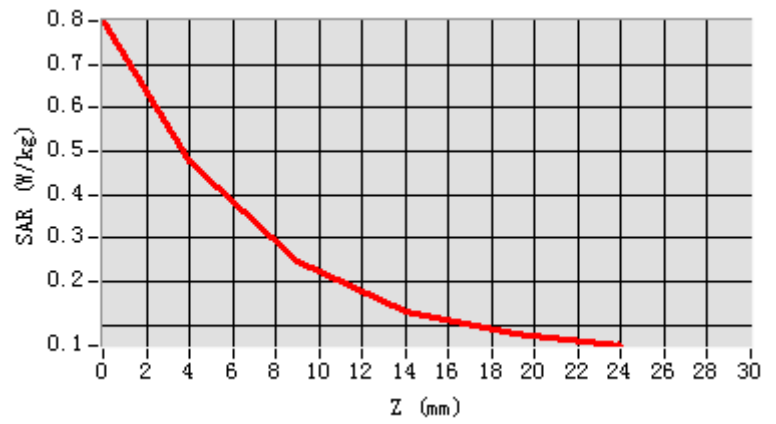


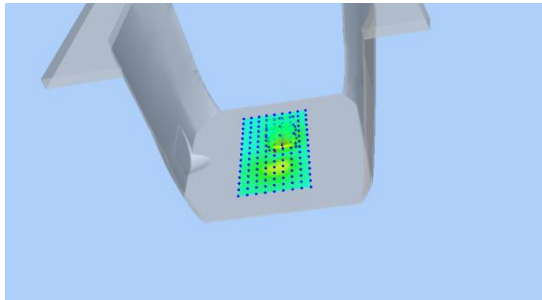
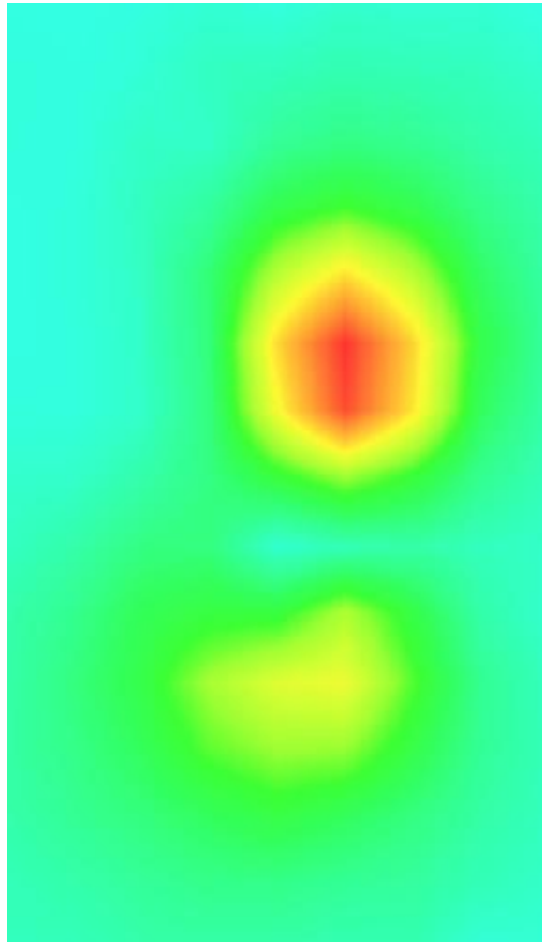
Maximum location: X=10.00 Y=15.00

SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.212117
SAR 1g (W/Kg)	0.436299

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8012	0.4788	0.2443	0.1297	0.0786



3D screen shot	Hot spot position
	

Plot 25: LTE Band12, 10MHz, Left Cheek, Middle

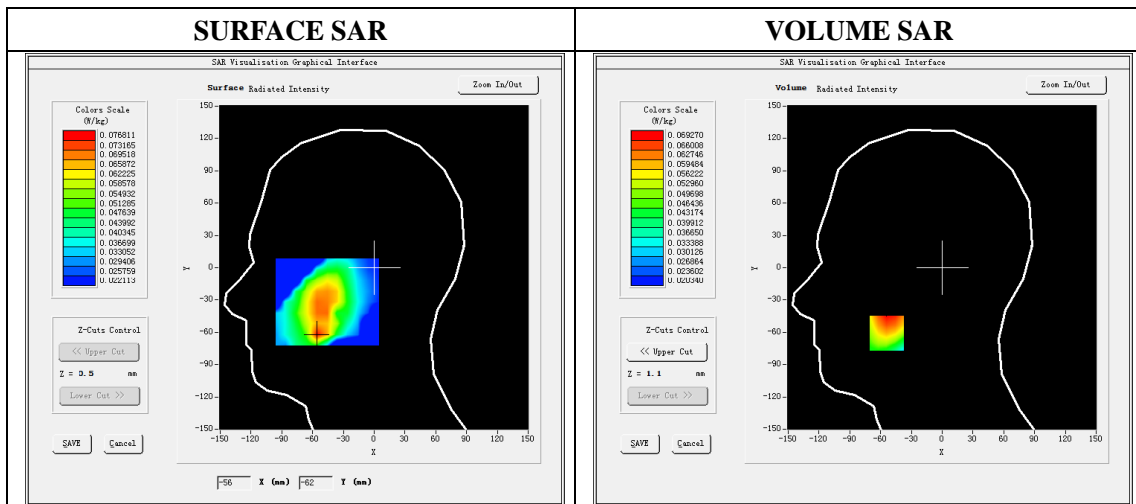
Type: Phone measurement
 Date of measurement: 01/18/2021
 Measurement duration: 22 minutes 23 seconds
 Mobile Phone IMEI number: --

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

B. SAR Measurement Results

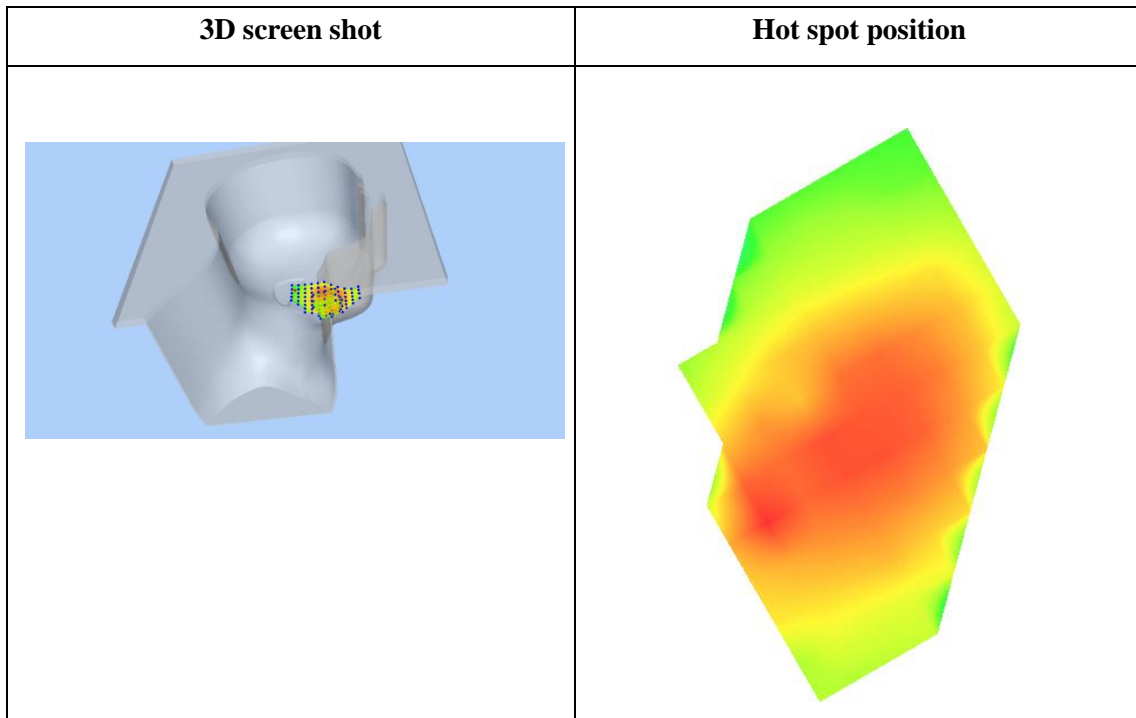
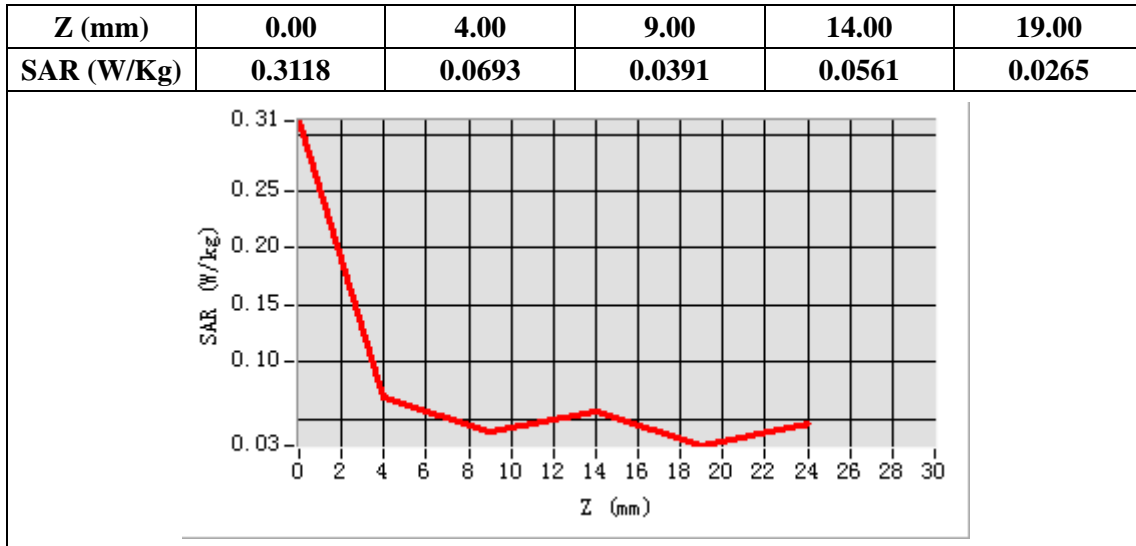
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	707.5
Relative permittivity (real part)	41.92
Relative permittivity (imaginary)	21.84
Conductivity (S/m)	0.91
Variation (%)	-4.49
ConvF:	1.78



Maximum location: X=-54.00, Y=-61.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.055641
SAR 1g (W/Kg)	0.068092



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

Type: Phone measurement

Date of measurement: 01/18/2021

Measurement duration: 22 minutes 26 seconds

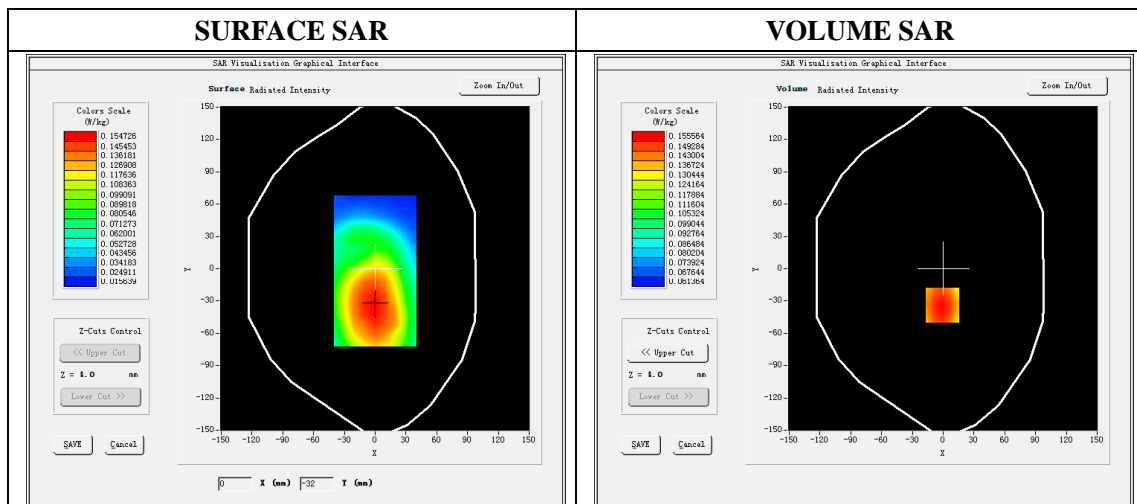
Mobile Phone IMEI number: --

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 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)	55.49
Relative permittivity (imaginary)	23.04
Conductivity (S/m)	0.96
Variation (%)	-1.34
ConvF:	1.88

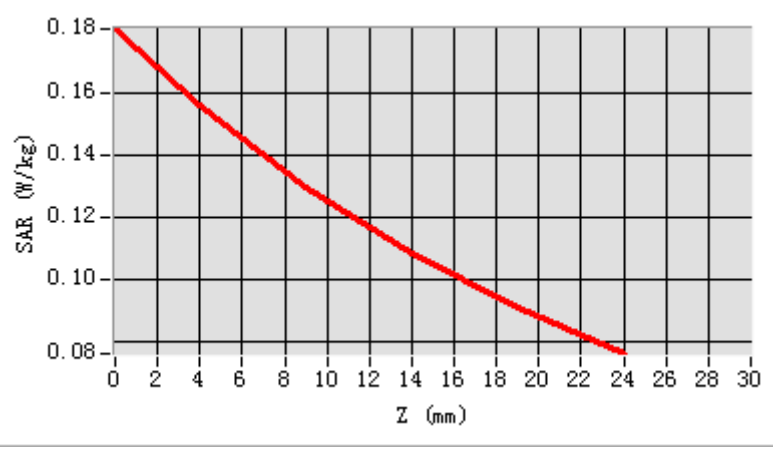


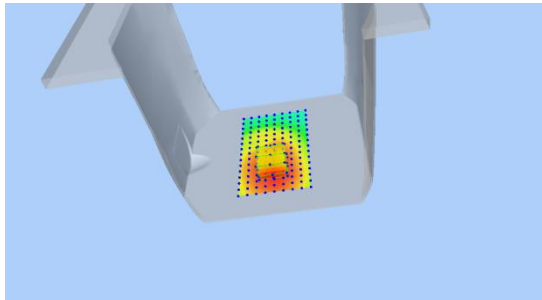
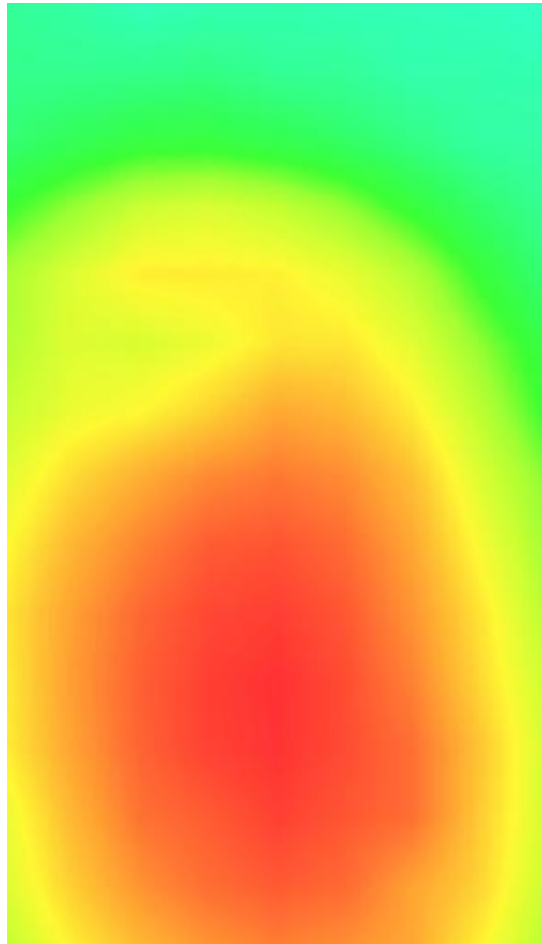
Maximum location: X=-1.00, Y=-34.00

SAR Peak: 0.18W/kg

SAR 10g (W/Kg)	0.124077
SAR 1g (W/Kg)	0.154923

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1803	0.1556	0.1296	0.1084	0.0911



3D screen shot	Hot spot position
	

Plot 27: LTE Band17, 10MHz,Left Check, Middle

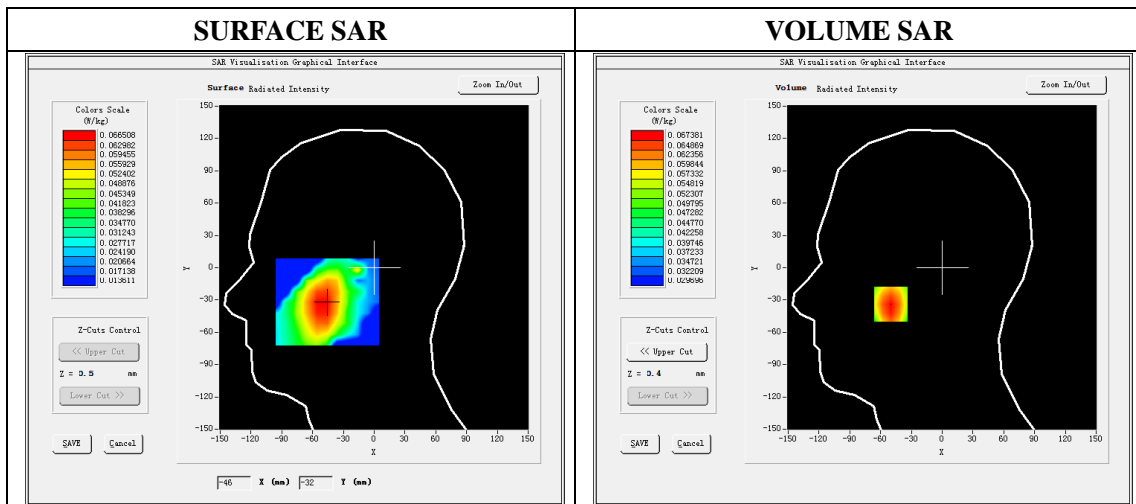
Type: Phone measurement
 Date of measurement: 01/18/2021
 Measurement duration: 22 minutes 28 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left 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)	41.92
Relative permittivity (imaginary)	21.84
Conductivity (S/m)	0.91
Variation (%)	-3.16
ConvF:	1.78

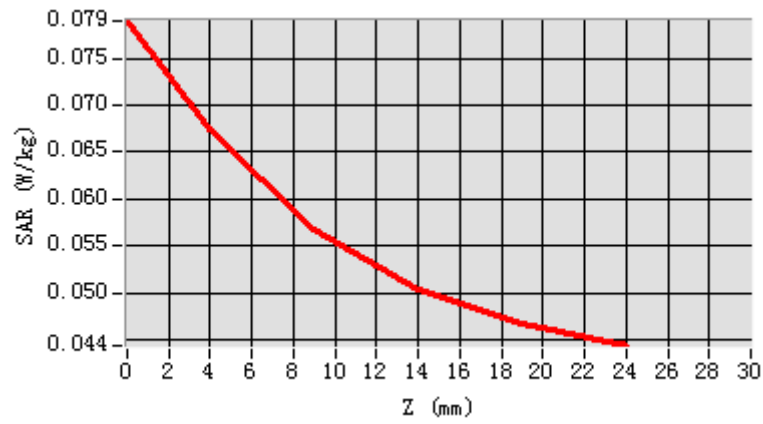


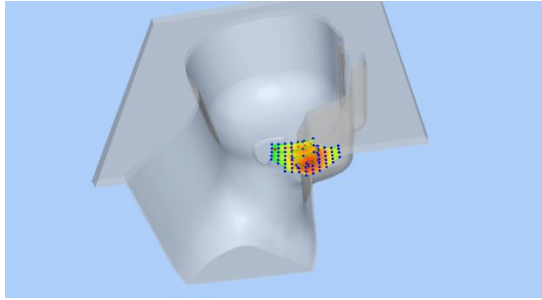
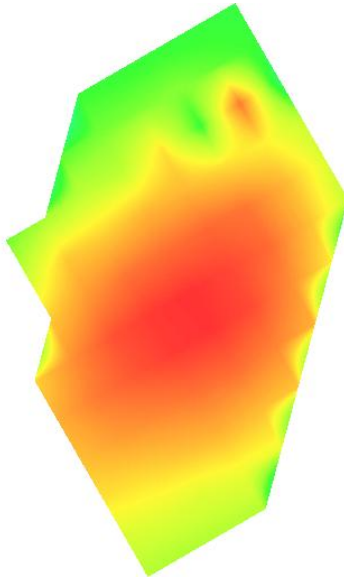
Maximum location: X=-50.00, Y=-34.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.054832
SAR 1g (W/Kg)	0.065778

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0790	0.0674	0.0568	0.0503	0.0466



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 01/18/2021

Measurement duration: 22 minutes 29 seconds

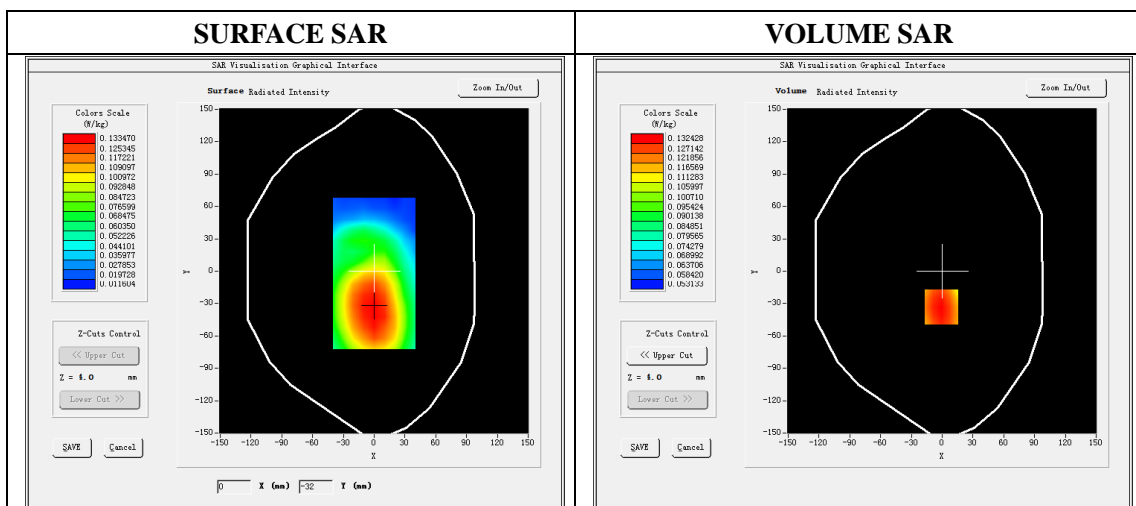
Mobile Phone IMEI number: --

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)	55.49
Relative permittivity (imaginary)	23.04
Conductivity (S/m)	0.96
Variation (%)	0.80
ConvF:	1.88

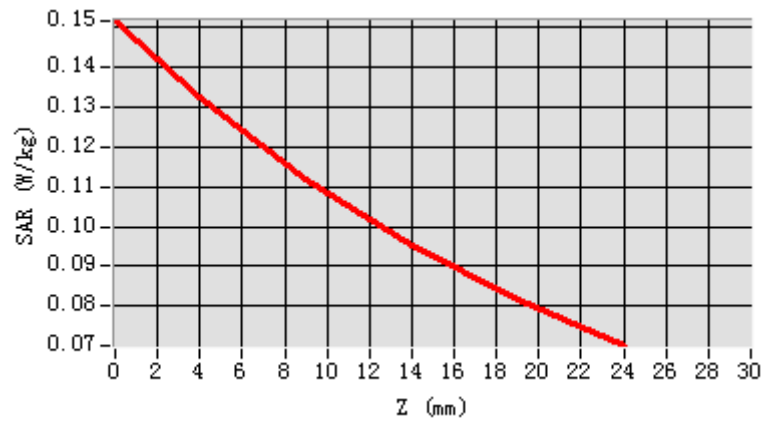


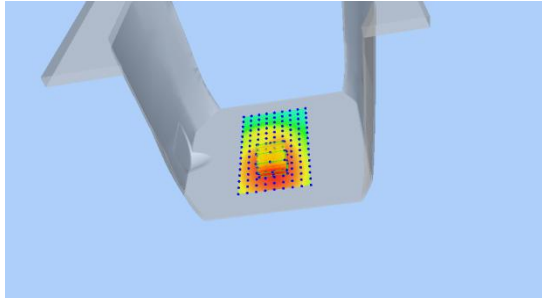
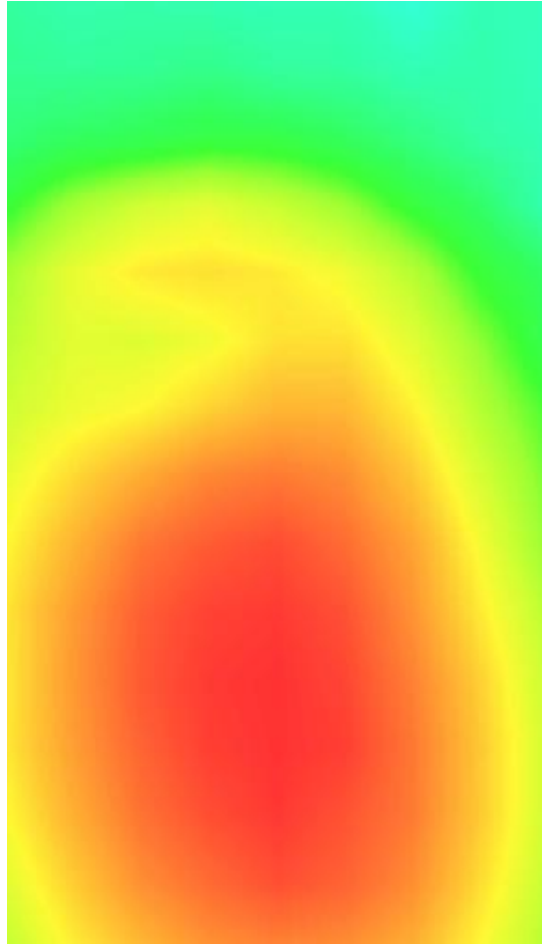
Maximum location: X=-1.00, Y=-33.00

SAR Peak: 0.15W/kg

SAR 10g (W/Kg)	0.105605
SAR 1g (W/Kg)	0.129324

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1517	0.1324	0.1121	0.0955	0.0819



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 01/22/2020

Measurement duration: 22 minutes 27 seconds

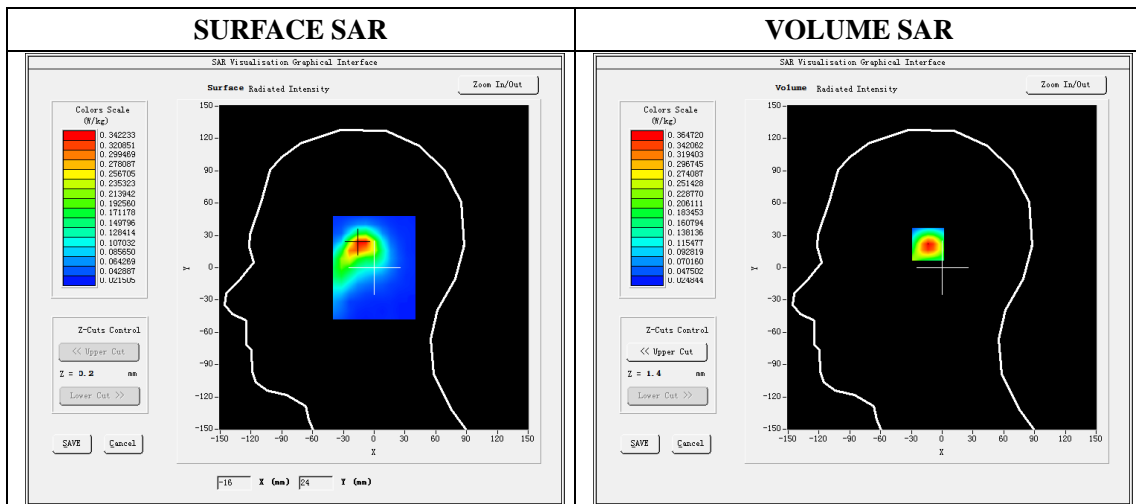
Mobile Phone IMEI number: --

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	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	39.18
Relative permittivity (imaginary)	13.15
Conductivity (S/m)	1.79
Variation (%)	-3.40
ConvF:	2.18

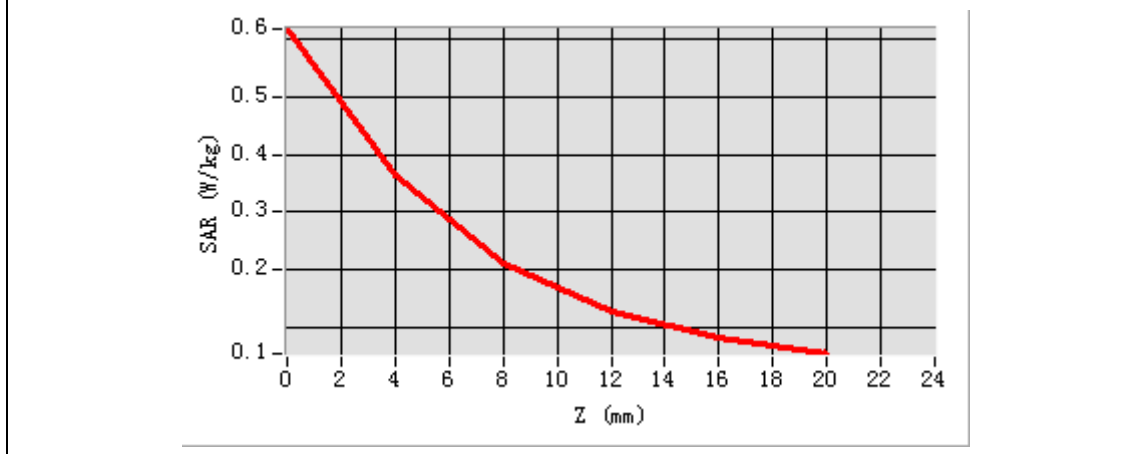


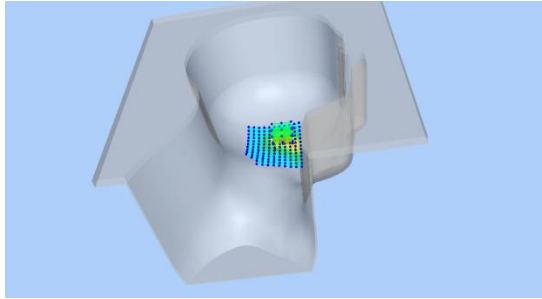
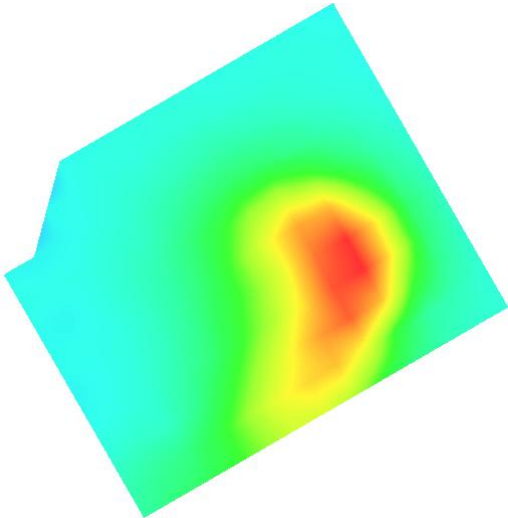
Maximum location: X=-13.00 Y=23.00

SAR Peak:0.62 W/kg

SAR 10g (W/Kg)	0.168007
SAR 1g (W/Kg)	0.332358

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6174	0.3647	0.2124	0.1275	0.0823



3D screen shot	Hot spot position
	

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

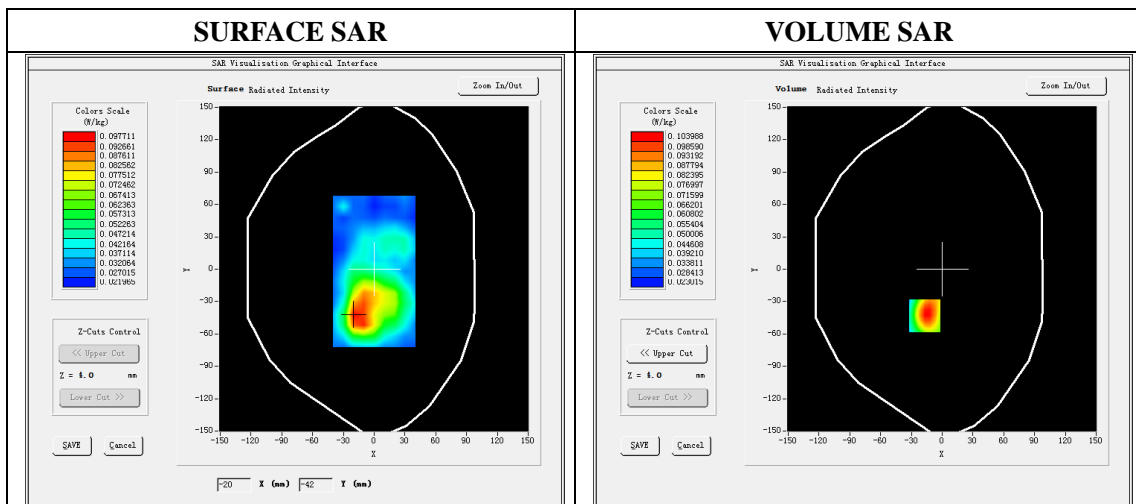
Type: Phone measurement
 Date of measurement: 01/22/2021
 Measurement duration: 22 minutes 30 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

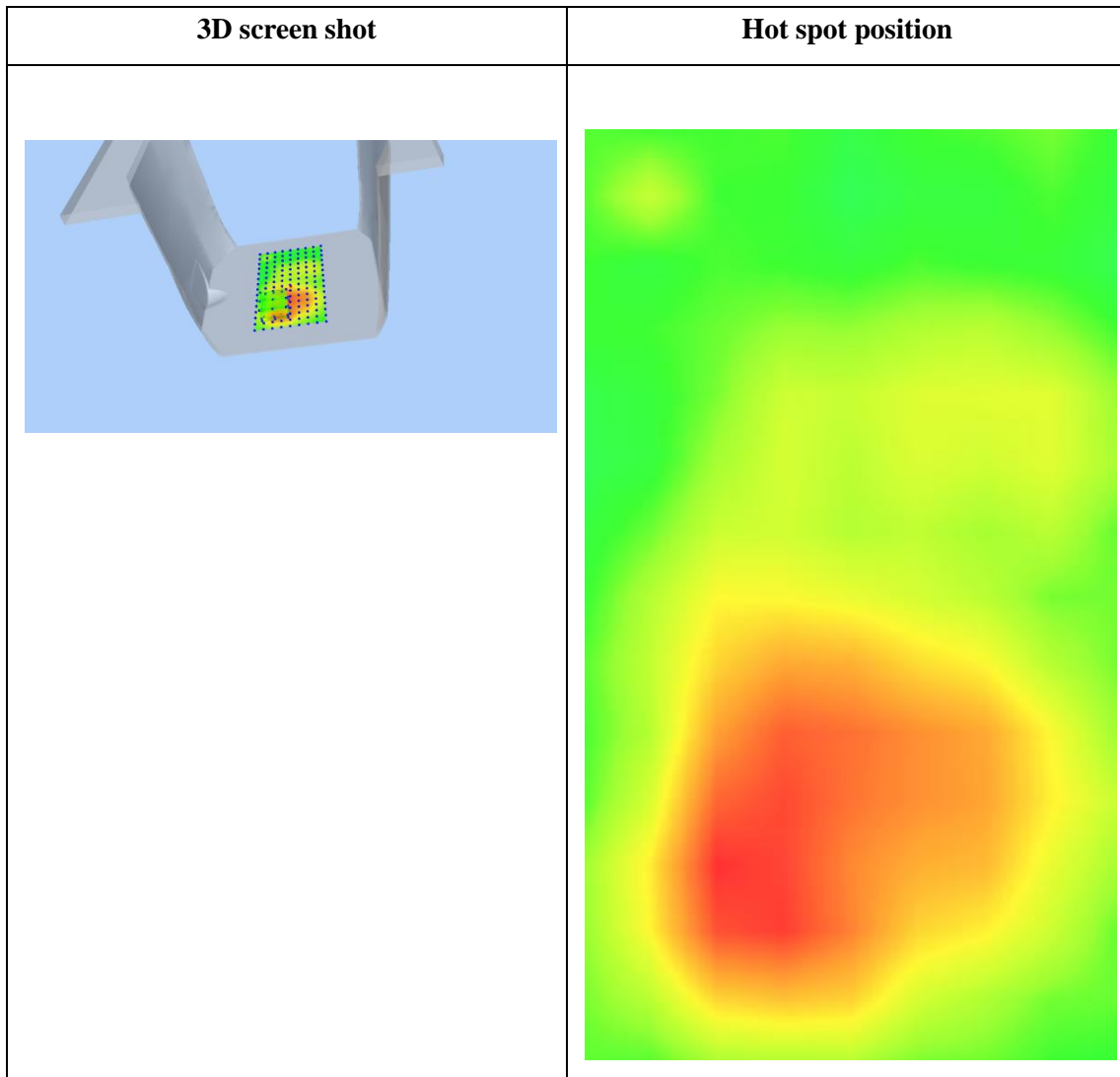
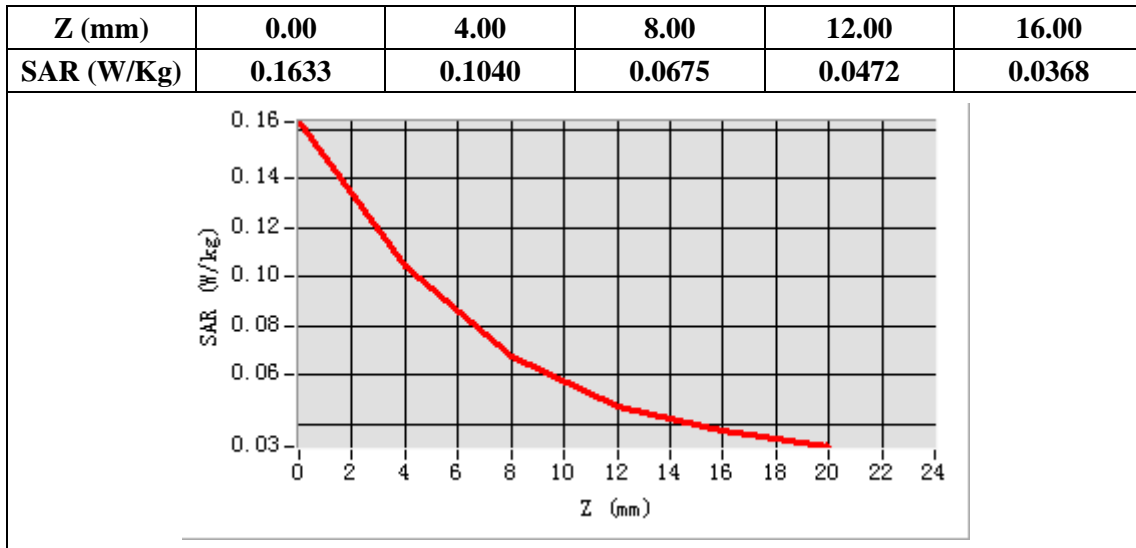
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	52.71
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.96
Variation (%)	-4.51
ConvF:	2.47



Maximum location: X=-17.00 Y=-43.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.061480
SAR 1g (W/Kg)	0.099827



Plot 31: BT, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 01/22/2021

Measurement duration: 22 minutes 31 seconds

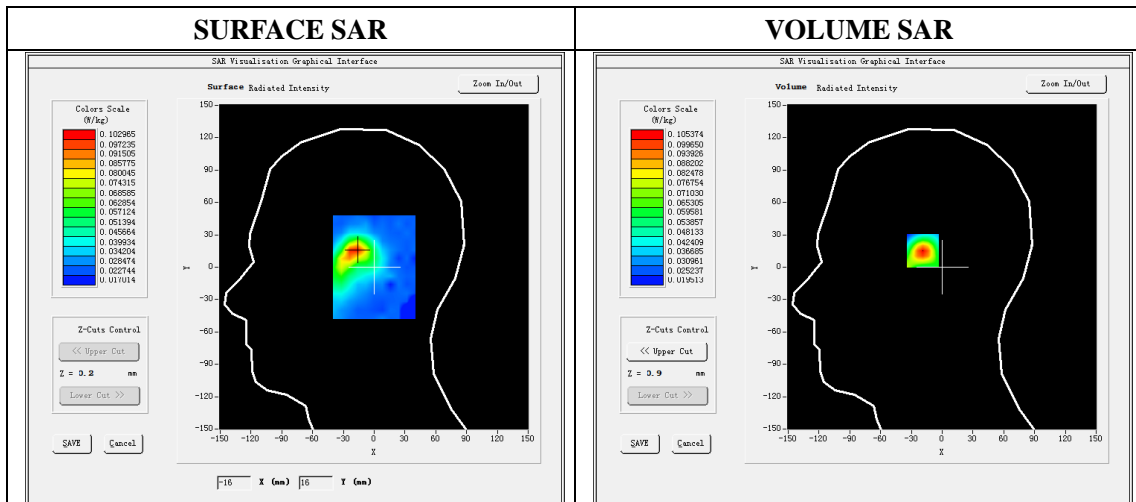
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	BT
Channels	39
Signal	GFSK (Duty cycle: 1:1)

B. SAR Measurement Results

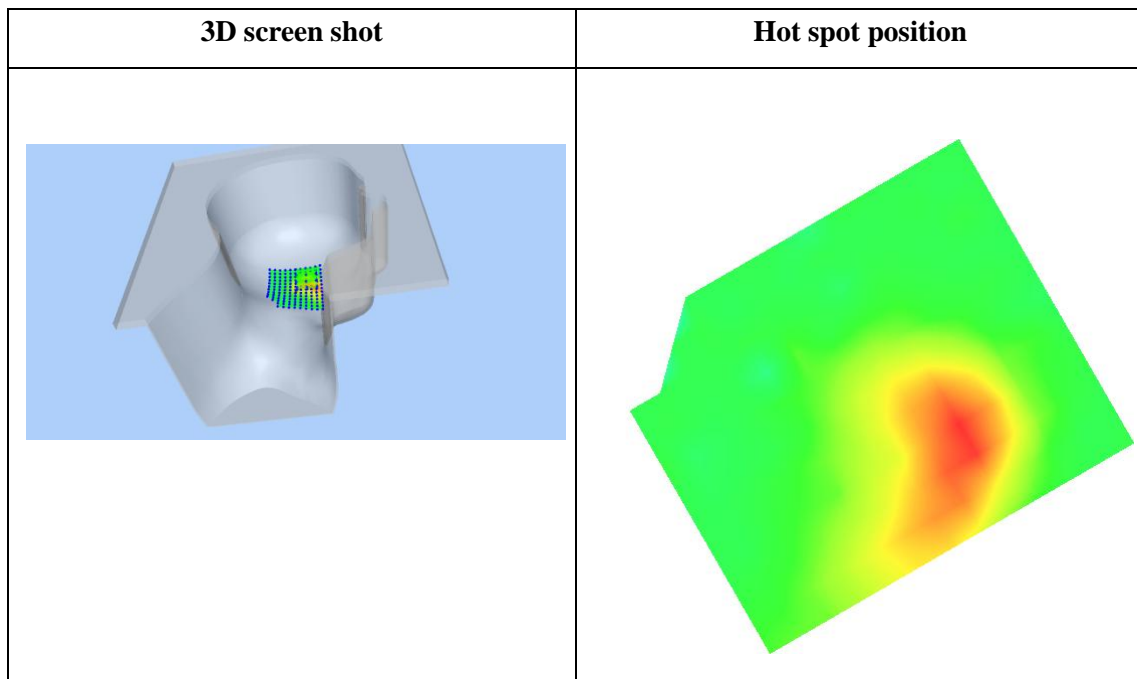
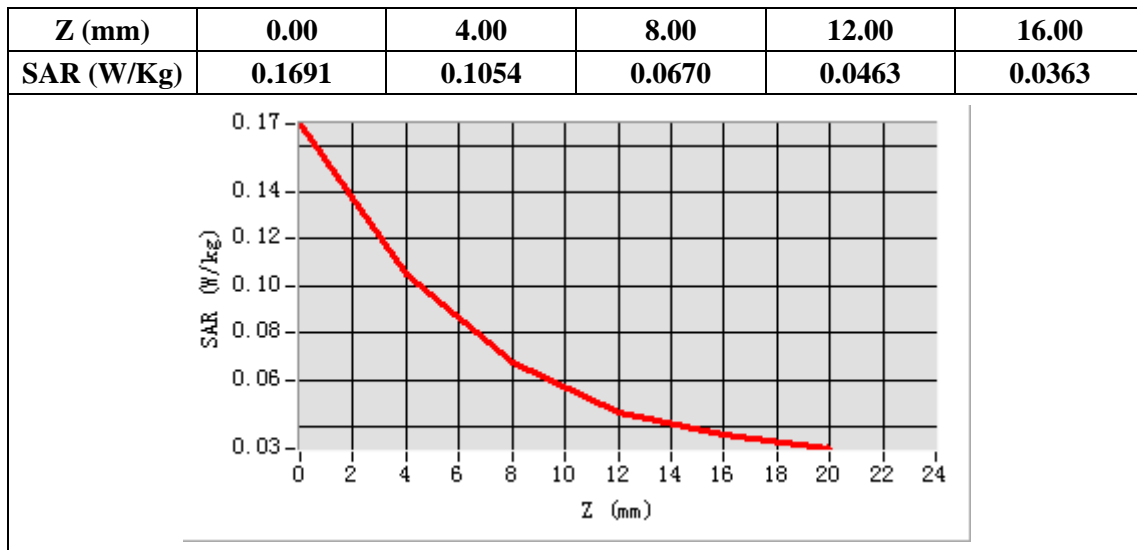
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2441
Relative permittivity (real part)	39.18
Relative permittivity (imaginary)	13.15
Conductivity (S/m)	1.79
Variation (%)	-4.12
ConvF:	2.18



Maximum location: X=-18.00 Y=16.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.056632
SAR 1g (W/Kg)	0.096528



Plot 32: BT, Face, Middle, 10mm

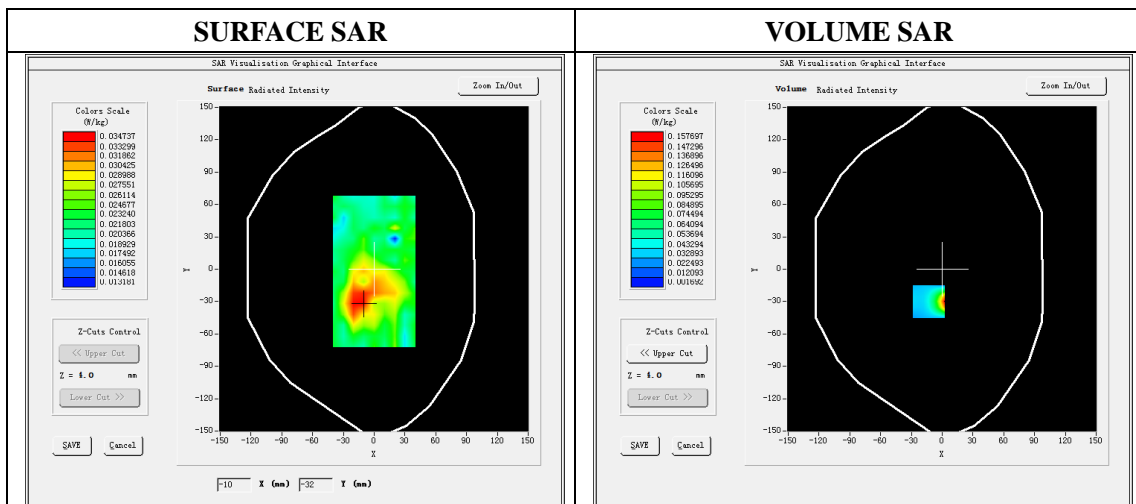
Type: Phone measurement
 Date of measurement: 01/22/2021
 Measurement duration: 22 minutes 33 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face
Band	BT3.0
Channels	39
Signal	GFSK (Duty cycle: 1:1)

B. SAR Measurement Results

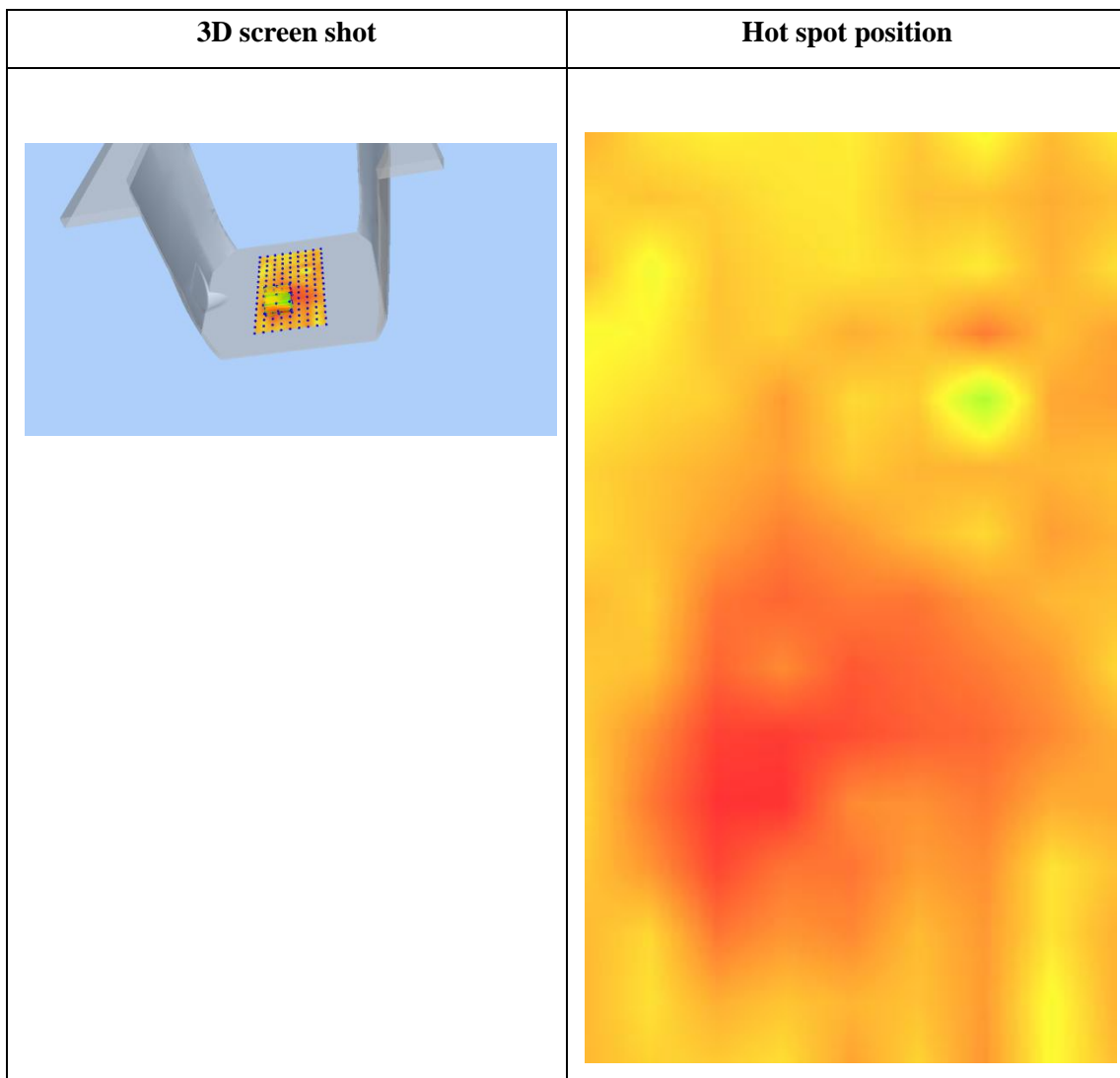
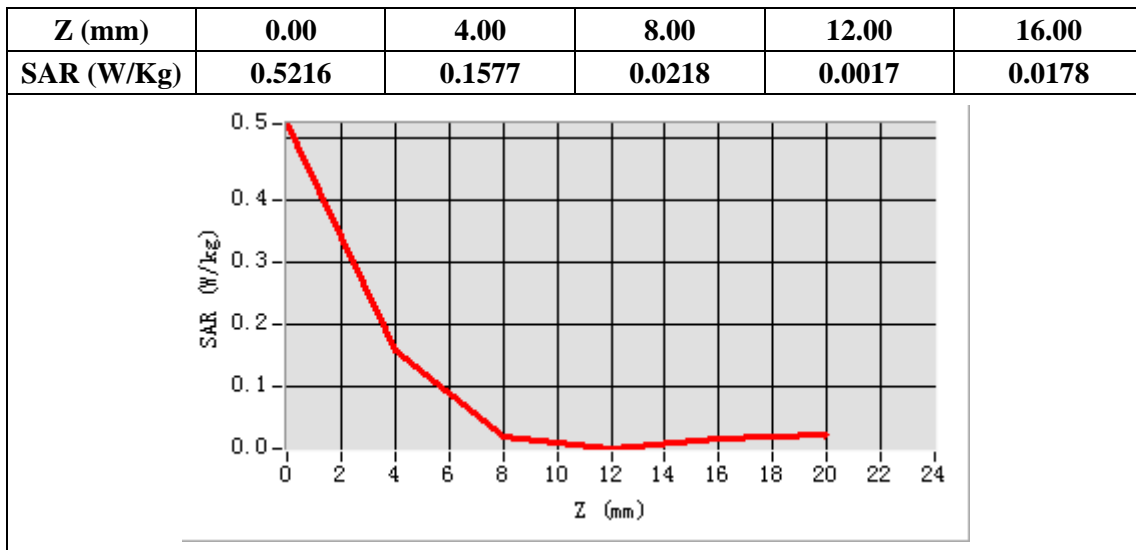
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2441
Relative permittivity (real part)	52.71
Relative permittivity (imaginary)	14.40
Conductivity (S/m)	1.96
Variation (%)	-1.09
ConvF:	2.47



Maximum location: X=-13.00 Y=-30.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.043289
SAR 1g (W/Kg)	0.130415



Plot 33: WIFI 5G 802.11a(20MHZ), Left Cheek, Middle

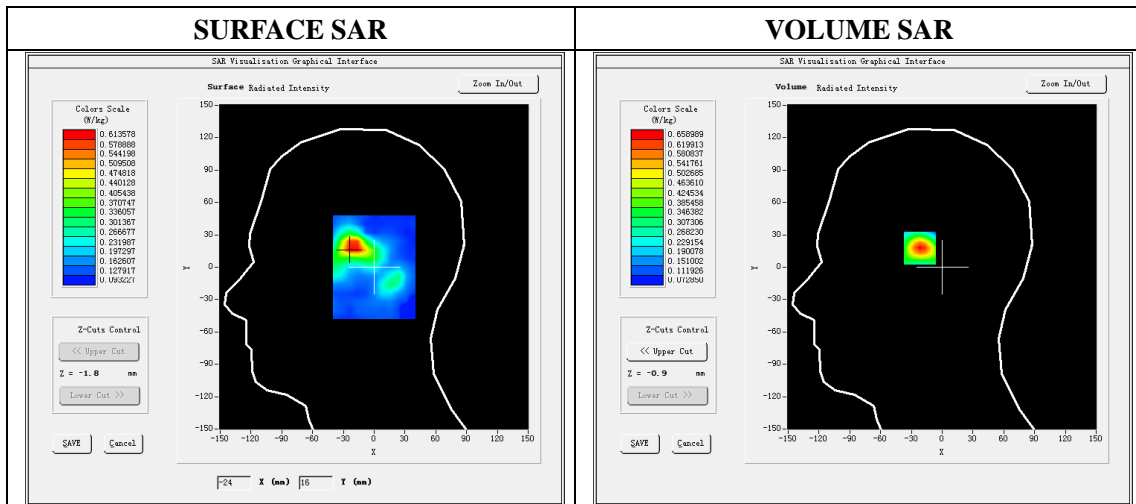
Type: Phone measurement
 Date of measurement: 01/24/2021
 Measurement duration: 22 minutes32 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Left Cheek
Band	WIFI 5G
Channels	44
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5220
Relative permittivity (real part)	35.97
Relative permittivity (imaginary)	16.06
Conductivity (S/m)	4.64
Variation (%)	-4.16
ConvF:	2.02

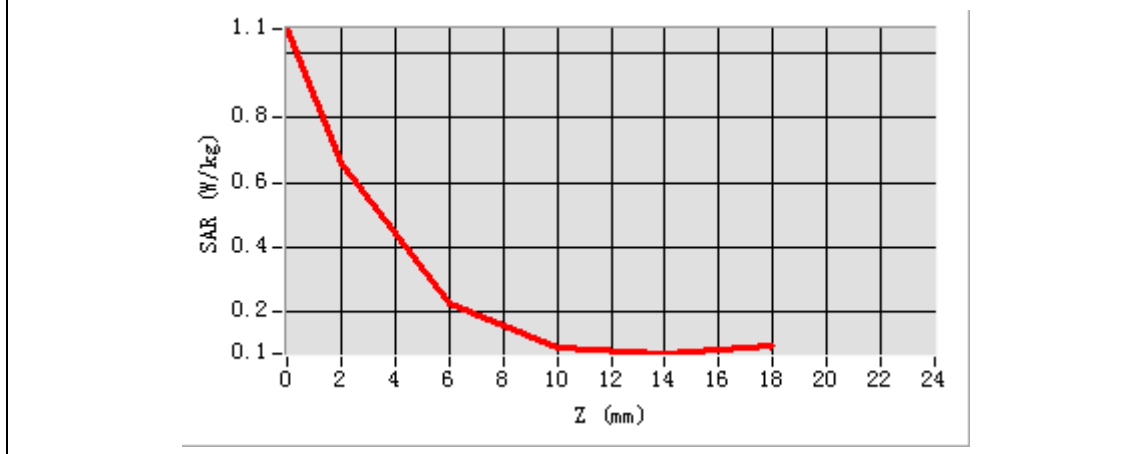


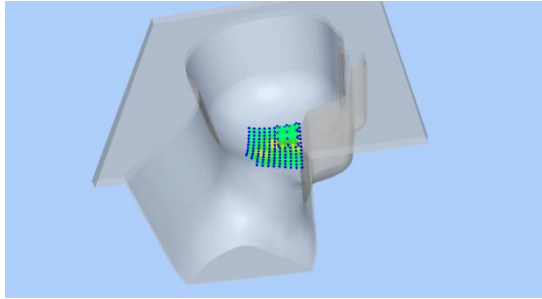
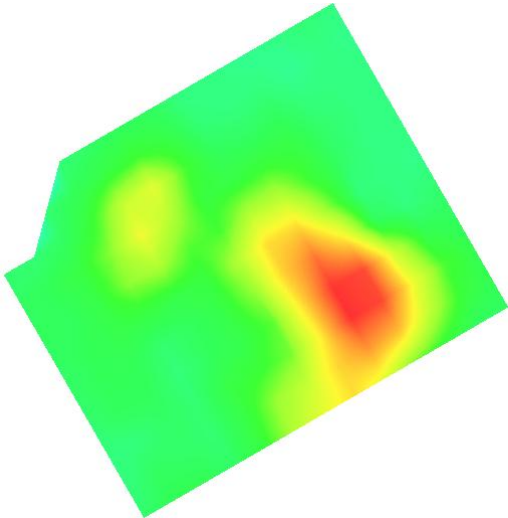
Maximum location: X=-21.00 Y=19.00

SAR Peak: 1.68 W/kg

SAR 10g (W/Kg)	0.292514
SAR 1g (W/Kg)	0.640746

Z (mm)	0.00	2.00	6.00	10.00	14.00
SAR (W/Kg)	1.0744	0.6590	0.2257	0.0914	0.0728



3D screen shot	Hot spot position
	

Plot 34: WIFI 5G 802.11a(20MHz), Back , Middle,10mm

Type: Phone measurement

Date of measurement: 01/24/2021

Measurement duration: 22 minutes 34 seconds

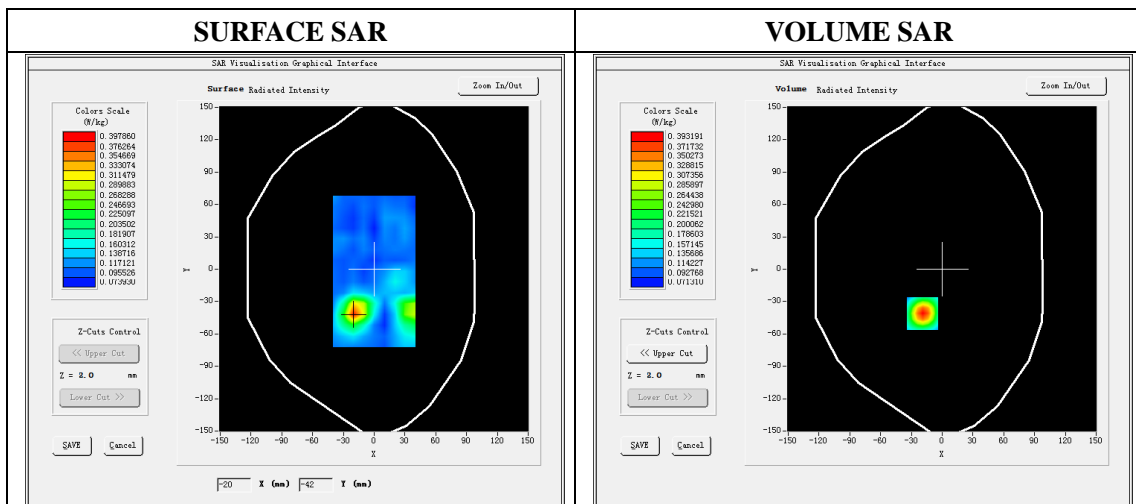
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 5G
Channels	44
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5220
Relative permittivity (real part)	49.03
Relative permittivity (imaginary)	18.38
Conductivity (S/m)	5.31
Variation (%)	-2.46
ConvF:	2.09

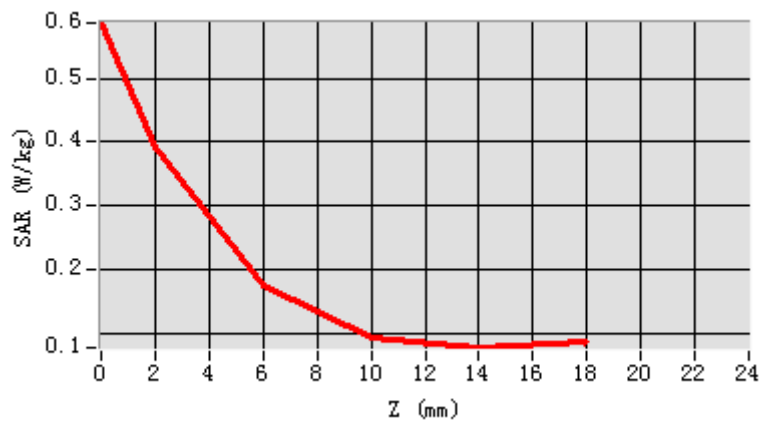


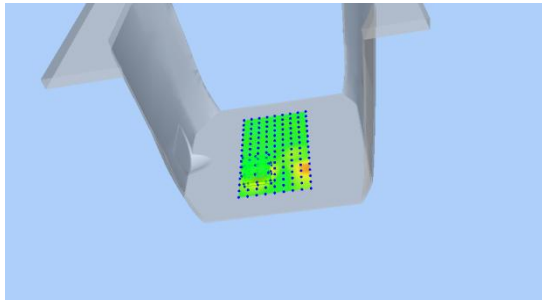
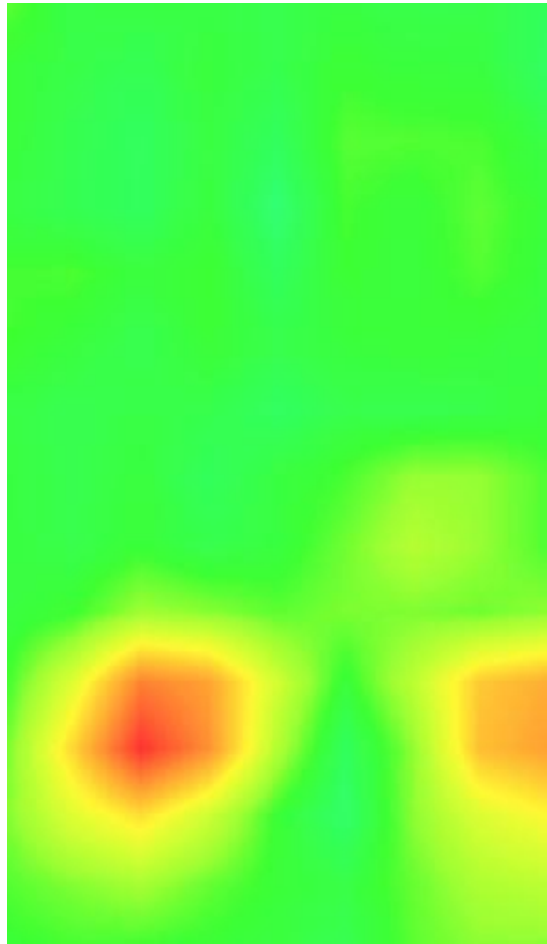
Maximum location: X=-19.00 Y=-41.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.142288
SAR 1g (W/Kg)	0.252003

Z (mm)	0.00	2.00	6.00	10.00	14.00
SAR (W/Kg)	0.5873	0.3932	0.1736	0.0928	0.0766



3D screen shot	Hot spot position
	

Plot 35: CDMA BC0, Right Cheek, Low

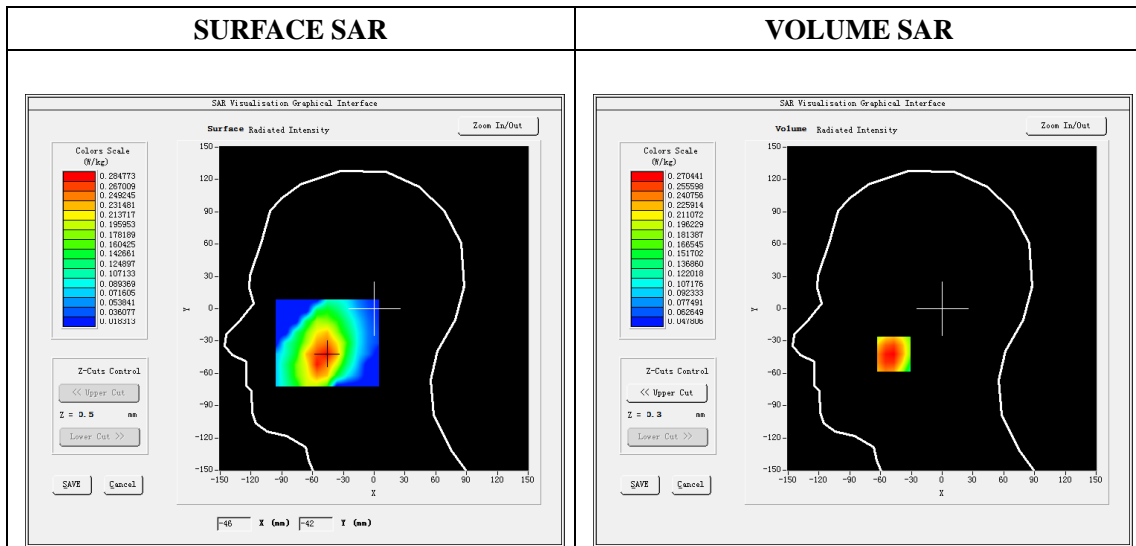
Type: Phone measurement
 Date of measurement: 01/19/2021
 Measurement duration: 22 minutes 38 seconds
 Mobile Phone IMEI number: --

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	1013
Signal	CDMA(Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	824.7
Relative permittivity (real part)	41.51
Relative permittivity (imaginary part)	19.40
Conductivity (S/m)	0.90
Variation (%)	-3.10
ConvF:	1.86

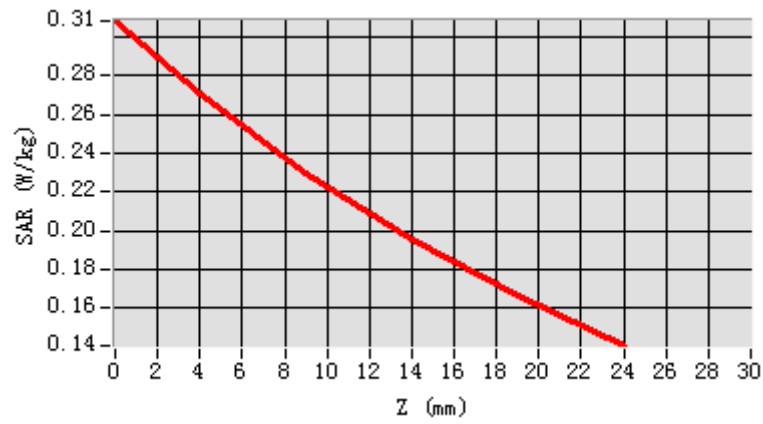


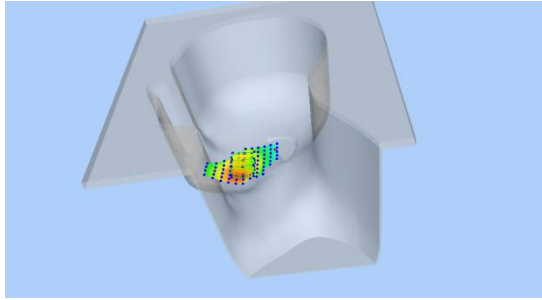
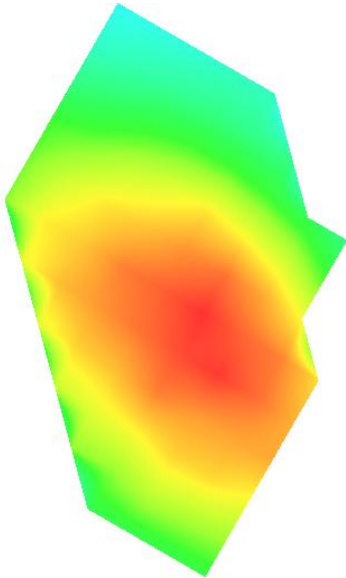
Maximum location: X=-47.00, Y=-42.00

SAR Peak: 0.32W/kg

SAR 10g (W/Kg)	0.212541
SAR 1g (W/Kg)	.0.265188

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3081	0.2704	0.2297	0.1954	0.1663



3D screen shot	Hot spot position
	

Plot 36: CDMA BC0, Back, Low,10mm

Type: Phone measurement

Date of measurement: 01/19/2021

Measurement duration: 22 minutes 37 seconds

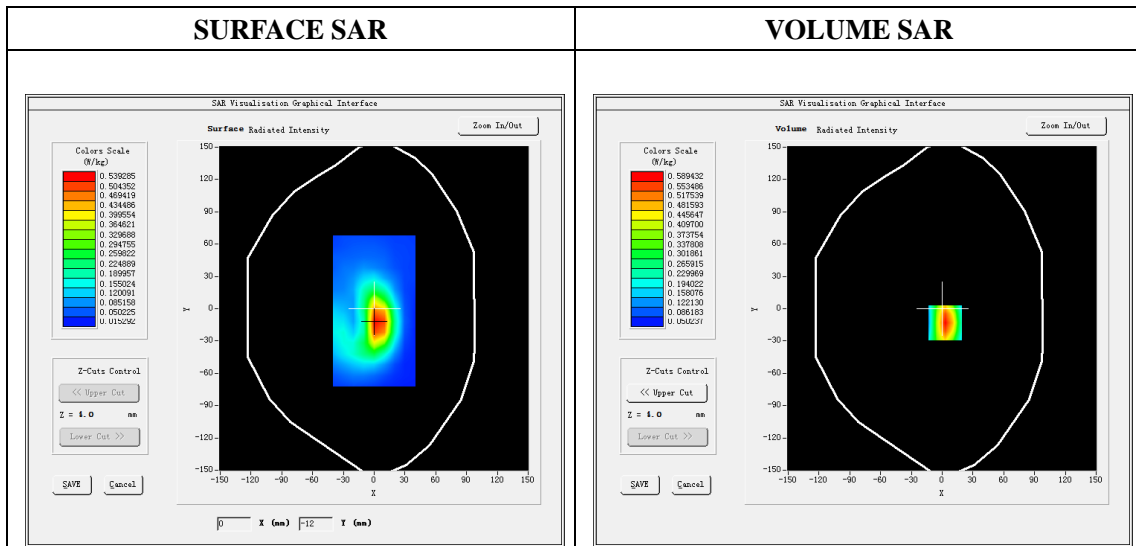
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	CDMA BC0
Channels	1013
Signal	QPSK(Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	824.7
Relative permittivity (real part)	55.19
Relative permittivity (imaginary part)	20.91
Conductivity (S/m)	0.97
Variation (%)	1.53
ConvF:	1.90

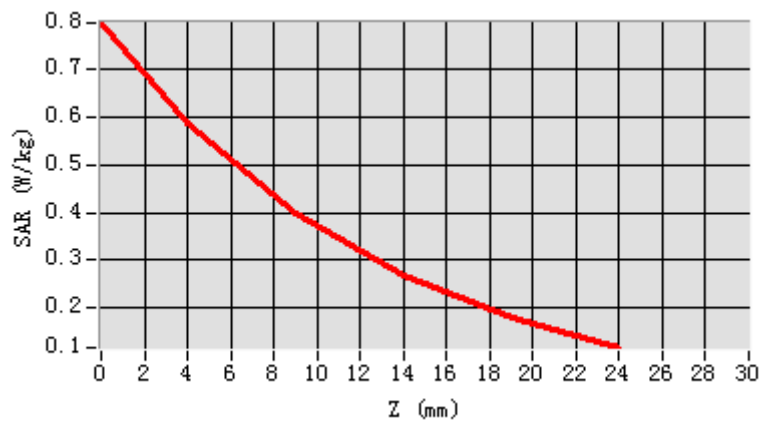


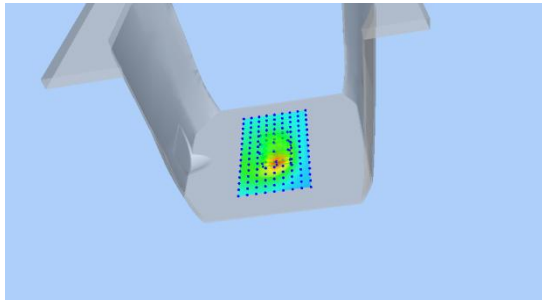
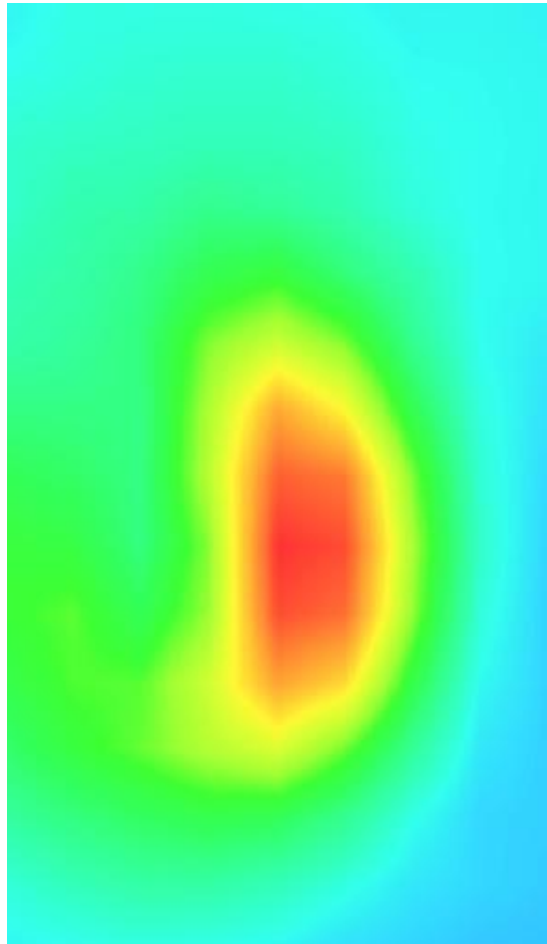
Maximum location: X=3.00, Y=-13.00

SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.326905
SAR 1g (W/Kg)	0.547113

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7985	0.5894	0.3987	0.2685	0.1805



3D screen shot	Hot spot position
	

Plot 37: CDMA BC1, Left Cheek, Middle

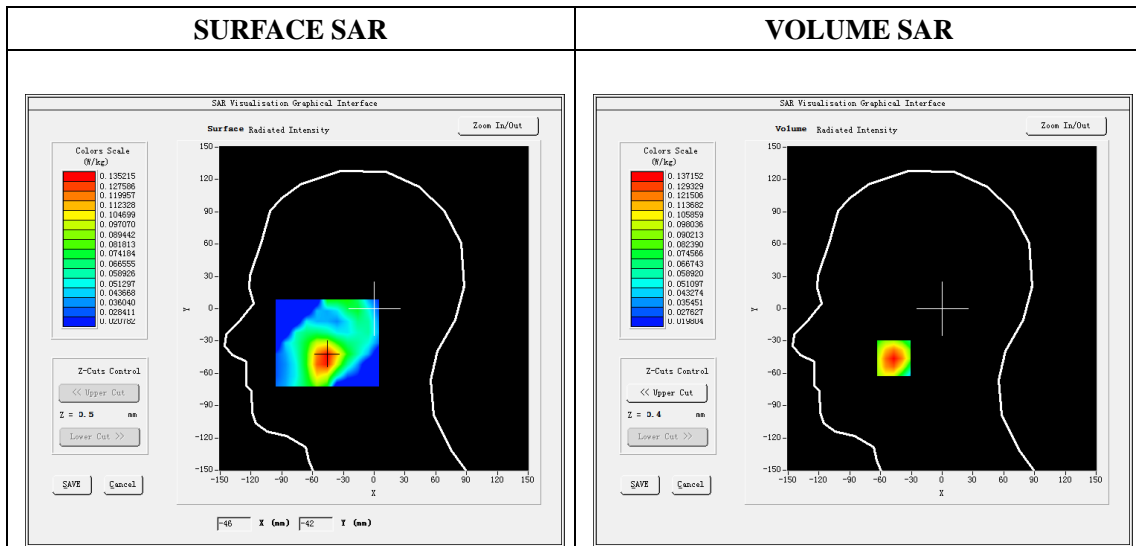
Type: Phone measurement
 Date of measurement: 01/21/2021
 Measurement duration: 22 minutes 39 seconds
 Mobile Phone IMEI number: --

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	CDMA BC1
Channels	1199
Signal	CDMA(Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1909.95
Relative permittivity (real part)	40.46
Relative permittivity (imaginary part)	12.98
Conductivity (S/m)	1.37
Variation (%)	-1.22
ConvF:	2.20

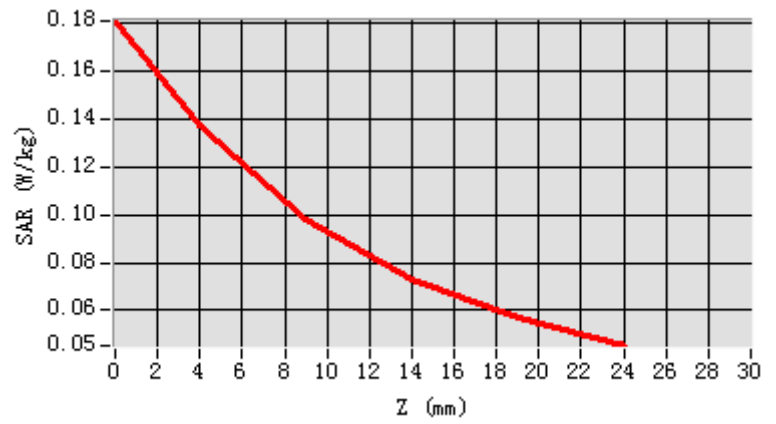


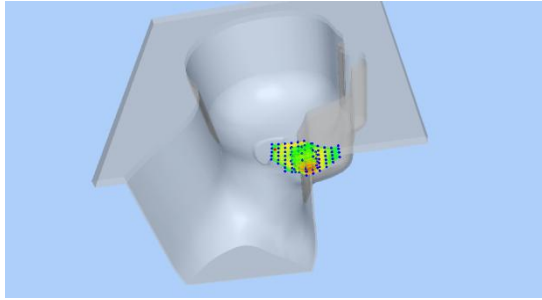
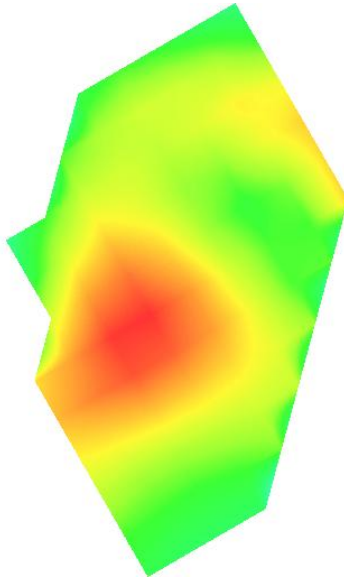
Maximum location: X=-47.00, Y=-46.00

SAR Peak: 0.18W/kg

SAR 10g (W/Kg)	0.087388
SAR 1g (W/Kg)	0.130133

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1810	0.1372	0.0982	0.0729	0.0568



3D screen shot	Hot spot position
	

Plot 38: CDMA BC1, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 01/21/2021

Measurement duration: 22 minutes 41 seconds

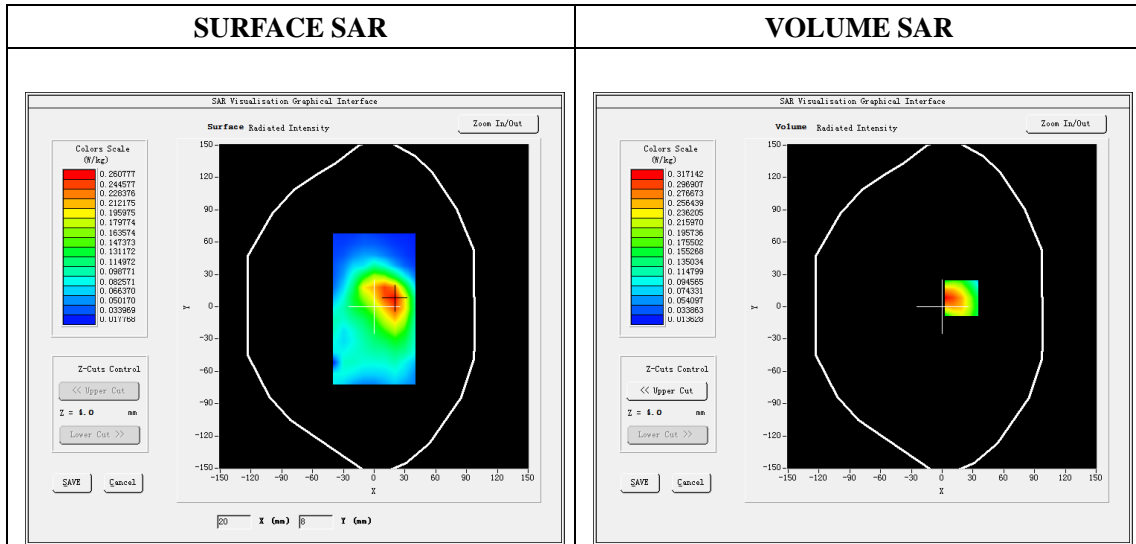
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	CDMA BC1
Channels	1199
Signal	QPSK(Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1909.95
Relative permittivity (real part)	53.30
Relative permittivity (imaginary part)	14.40
Conductivity (S/m)	1.52
Variation (%)	-2.98
ConvF:	2.26

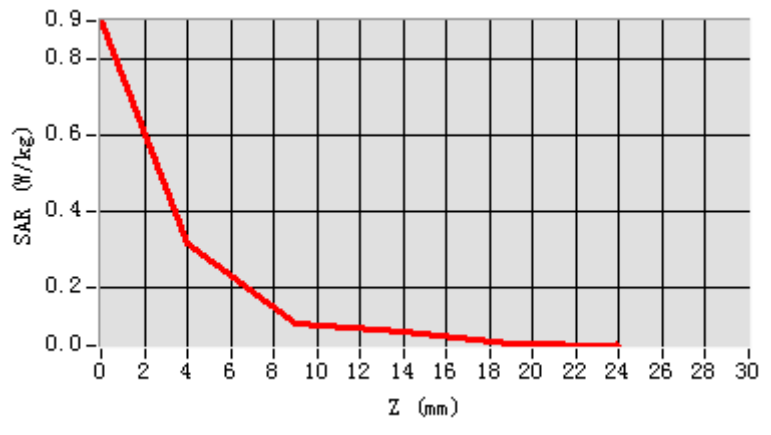


Maximum location: X=19.00, Y=8.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.165631
SAR 1g (W/Kg)	0.291720

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9023	0.3171	0.1072	0.0846	0.0522



3D screen shot	Hot spot position
