Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850	Right Cheek Middle	2019/03/07
2	GSM850/GPRS2Tx	Body Back, Middle ,10mm	2019/03/07
3	GSM1900	Left Cheek Middle	2019/03/11
4	GSM1900/GPRS2Tx	Body Back Middle ,10mm	2019/03/11
5	WCDMA850	Right Cheek Middle	2019/03/07
6	WCDMA850	Body Back, Middle ,10mm	2019/03/07
7	WCDMA1900	Left Cheek Middle	2019/03/11
8	WCDMA1900	Body Back, Middle ,10mm	2019/03/11
9	LTE Band2	Left Cheek Middle	2019/03/11
10	LTE Band2	Body Back, Middle ,10mm	2019/03/11
11	LTE Band4	Left Cheek Middle	2019/03/08
12	LTE Band4	Body Back, Middle ,10mm	2019/03/08
13	LTE Band5	Right Cheek Middle	2019/03/07
14	LTE Band5	Body Back, Middle ,10mm	2019/03/07
15	LTE Band12	Left Cheek Middle	2019/03/06
16	LTE Band12	Body Back, Middle ,10mm	2019/03/06
17	LTE Band13	Right Cheek Middle	2019/03/06
18	LTE Band13	Body Back, Middle ,10mm	2019/03/06
19	LTE Band17	Left Cheek Middle	2019/03/06
20	LTE Band17	Body Back, Middle ,10mm	2019/03/06
21	WIFI 2.4G 802 11b	Left Cheek Middle	2019/03/12
22	WIFI 2.4G 802 11b	Body Back Middle ,10mm	2019/03/12

Plot 1: GSM850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 03/07/2019

Measurement duration: 22 minutes 25 seconds

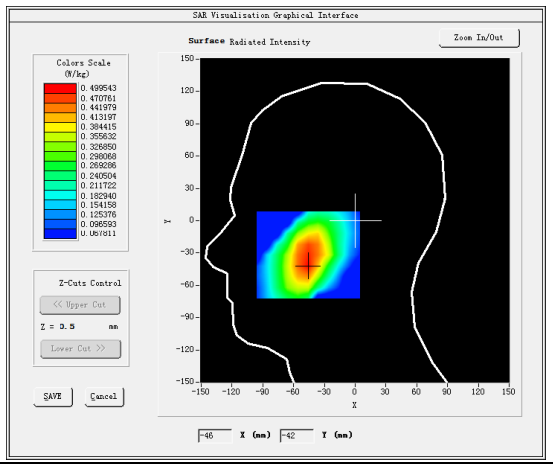
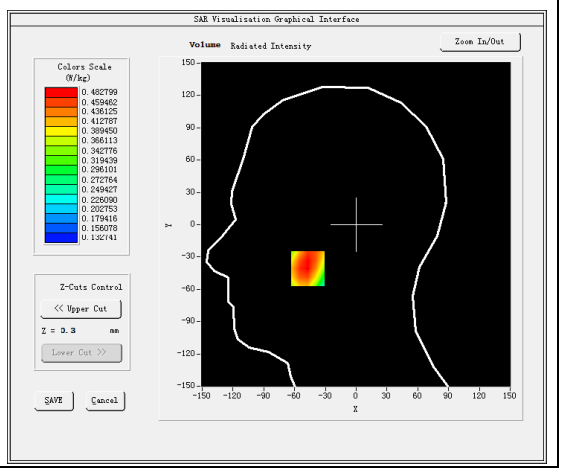
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SN_27/15_EPGO261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.46
Relative permittivity (imaginary part)	18.88
Conductivity (S/m)	0.91
Variation (%)	0.10
ConvF:	1.92

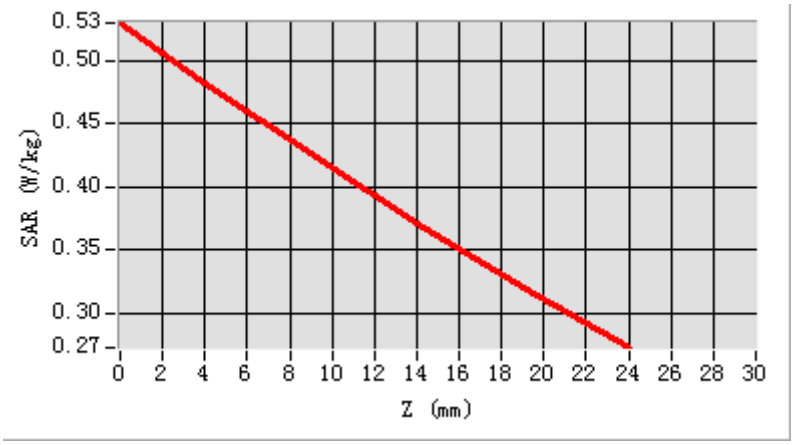
SURFACE SAR	**VOLUME SAR**
	

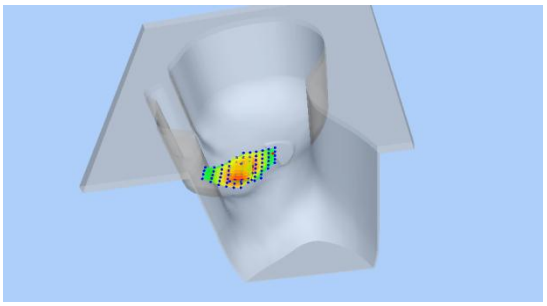
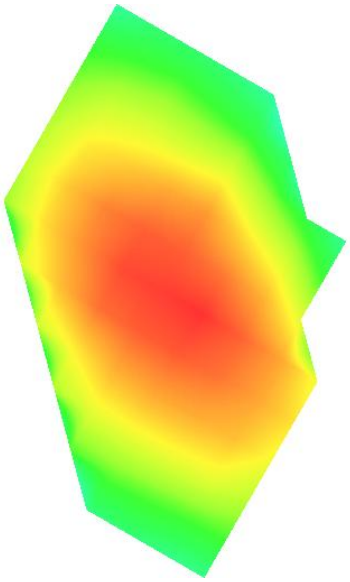
Maximum location: X=-47.00, Y=-41.00

SAR Peak: 0.54W/kg

SAR 10g (W/Kg)	0.394449
SAR 1g (W/Kg)	0.483155

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5299	0.4828	0.4260	0.3718	0.3204



3D screen shot	Hot spot position
	

Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 03/07/2019

Measurement duration: 22 minutes 25 seconds

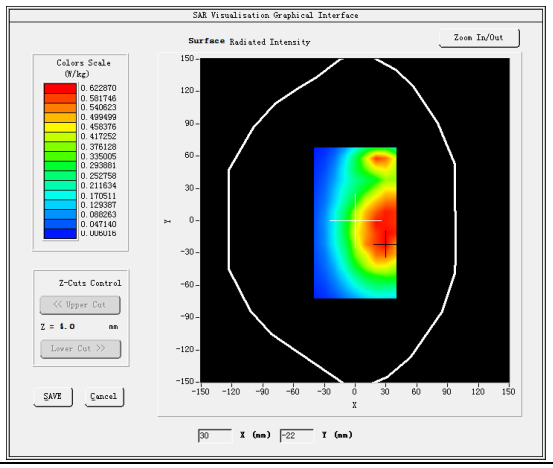
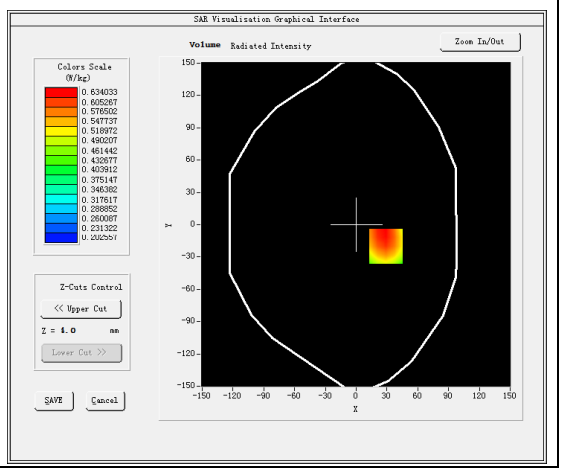
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	GSPRS850_2Tx
Channels	190
Signal	GPRS(Duty cycle: 1:4)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	836.6
Relative permittivity (real part)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	-3.19
ConvF:	1.99

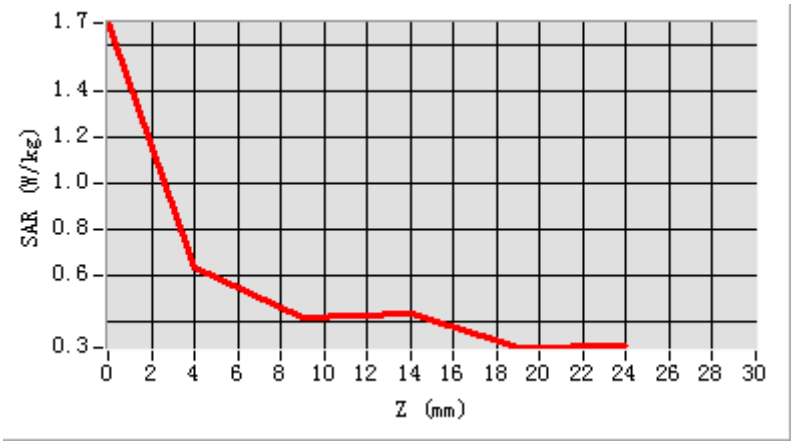
SURFACE SAR	**VOLUME SAR**
	

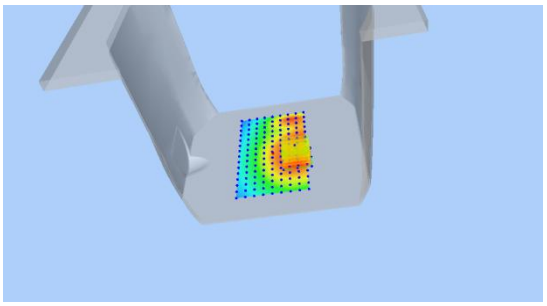
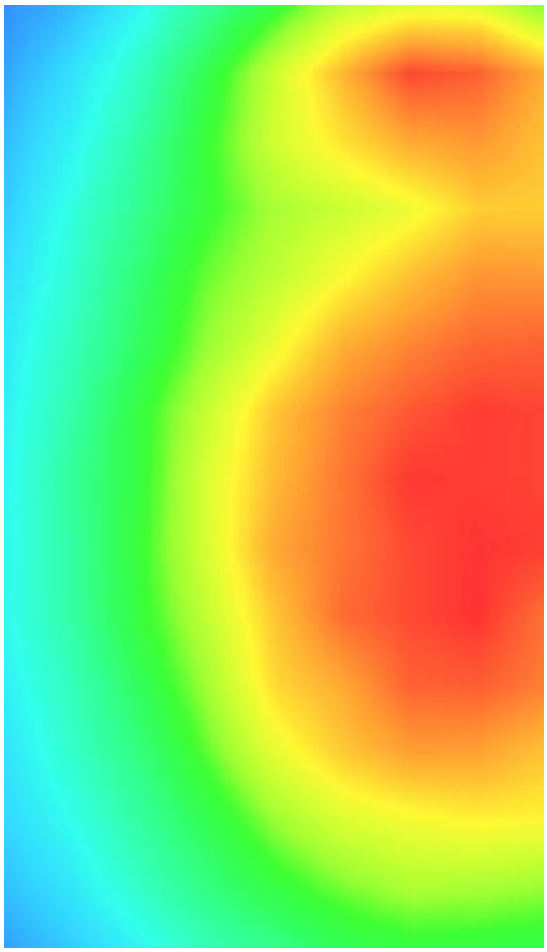
Maximum location: X=29.00, Y=-20.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.486703
SAR 1g (W/Kg)	0.625808

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.6933	0.6340	0.4174	0.4327	0.2858



3D screen shot	Hot spot position
	

Plot3: GSM1900, Left Cheek Middle

Type: Phone measurement

Date of measurement: 03/11/2019

Measurement duration: 22 minutes 22 seconds

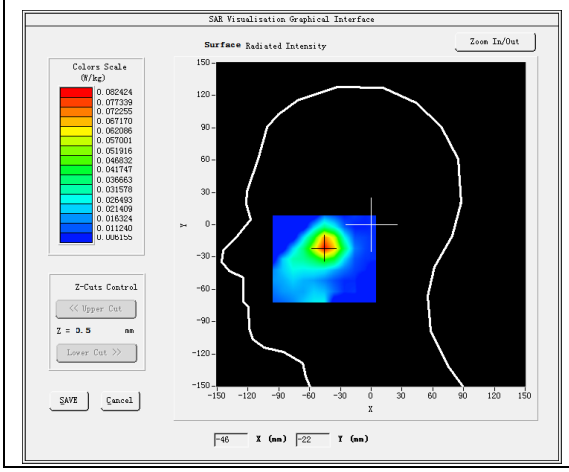
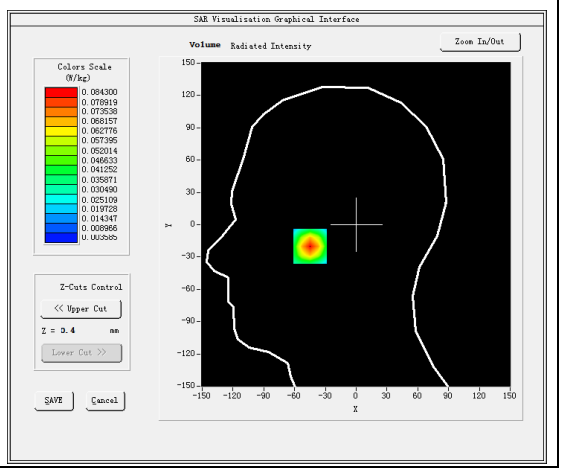
Mobile Phone IMEI number: --

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_EPGO261
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	13.35
Conductivity (S/m)	1.42
Variation (%)	-1.30
ConvF:	2.34

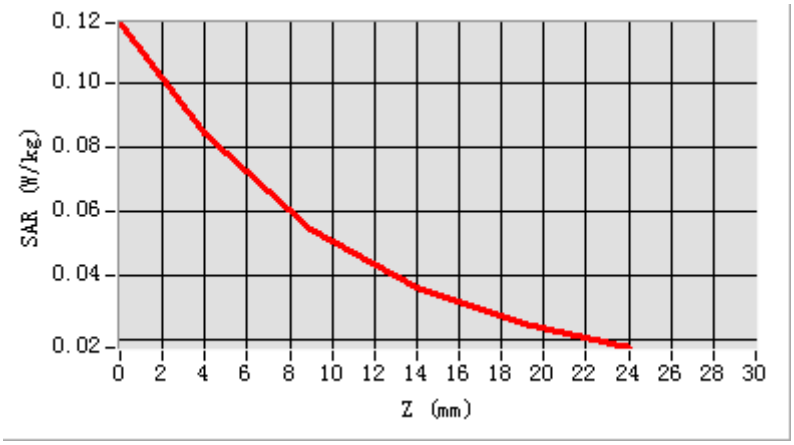
SURFACE SAR	**VOLUME SAR**
	

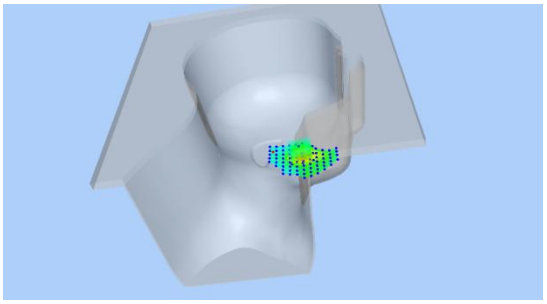
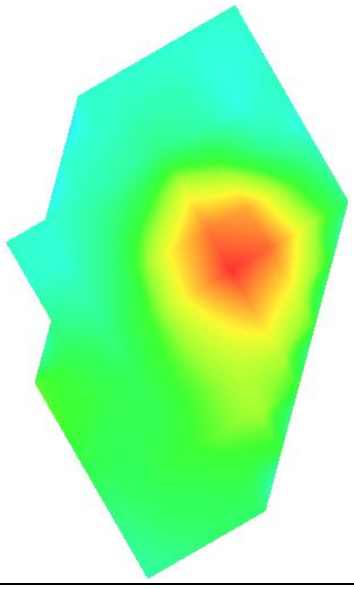
Maximum location: X=-45.00, Y=-20.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.044356
SAR 1g (W/Kg)	0.077578

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1188	0.0843	0.0548	0.0365	0.0254



3D screen shot	Hot spot position
	

Plot4: GPRS1900, Back Middle ,10mm

Type: Phone measurement

Date of measurement: 03/11/2019

Measurement duration: 22 minutes 32 seconds

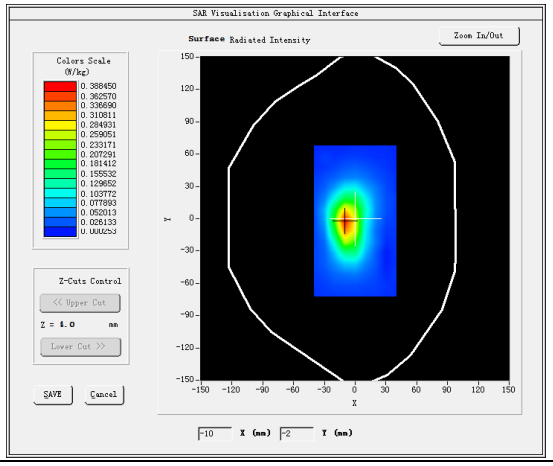
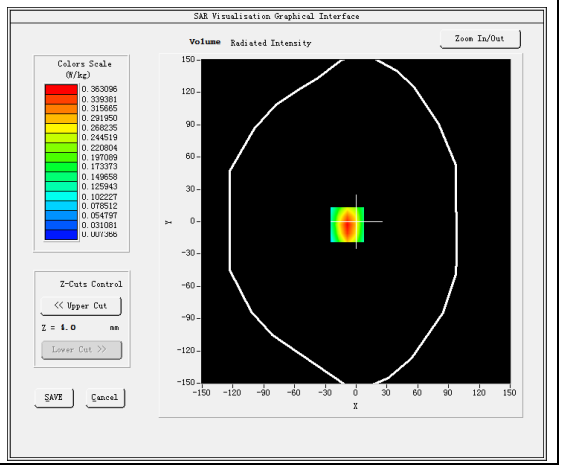
Mobile Phone IMEI number: --

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_2Tx
Channels	661
Signal	GPRS(Duty cycle: 1:4)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	2.61
ConvF:	2.39

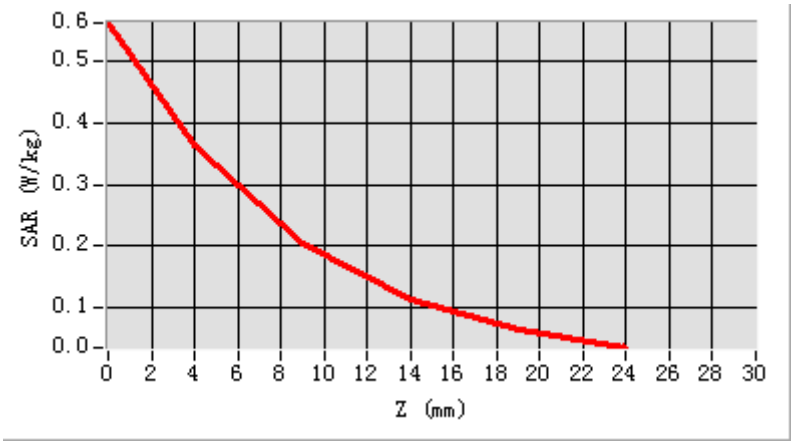
SURFACE SAR	**VOLUME SAR**
	

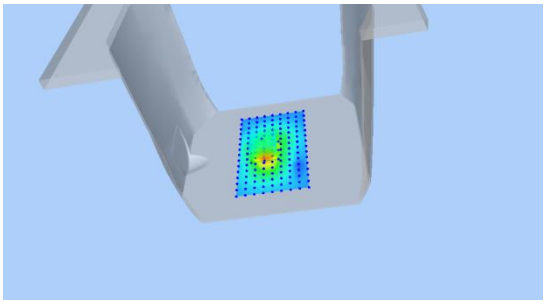
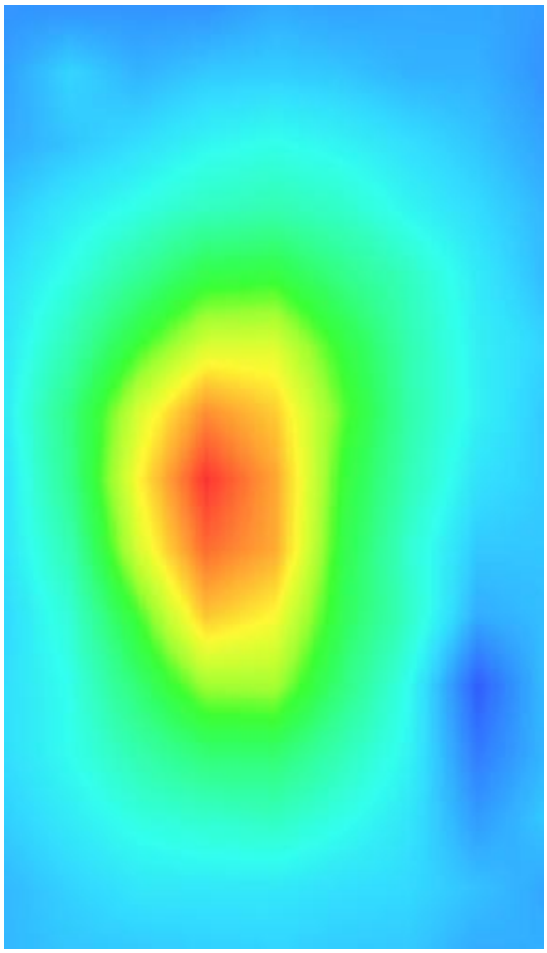
Maximum location: X=-9.00, Y=-3.00

SAR Peak: 0.56W/kg

SAR 10g (W/Kg)	0.178754
SAR 1g (W/Kg)	0.336957

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5624	0.3631	0.2042	0.1143	0.0654



3D screen shot	Hot spot position
	

Plot 5: WCDMA850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 03/07/2019

Measurement duration: 22 minutes 38 seconds

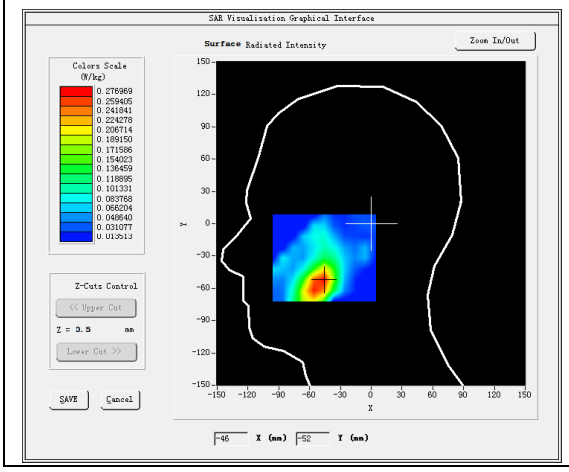
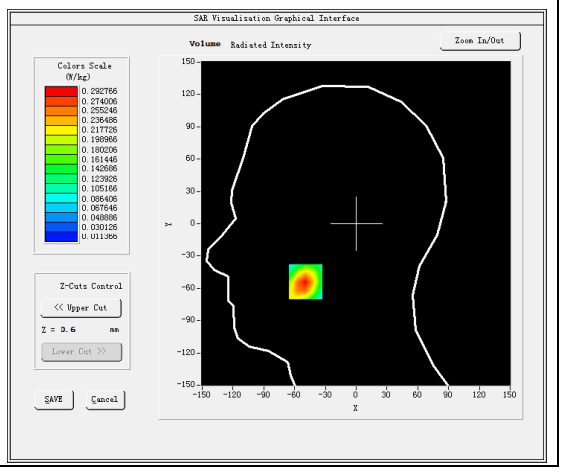
Mobile Phone IMEI number: --

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.46
Relative permittivity (imaginary part)	18.88
Conductivity (S/m)	0.91
Variation (%)	-2.56
ConvF:	1.92

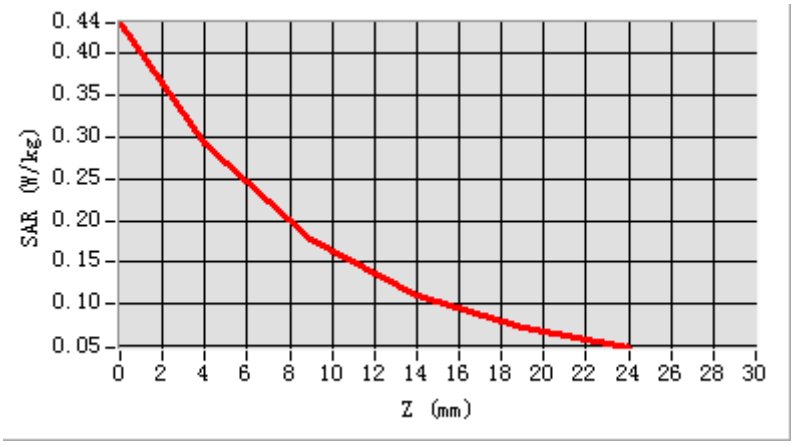
SURFACE SAR	**VOLUME SAR**
	

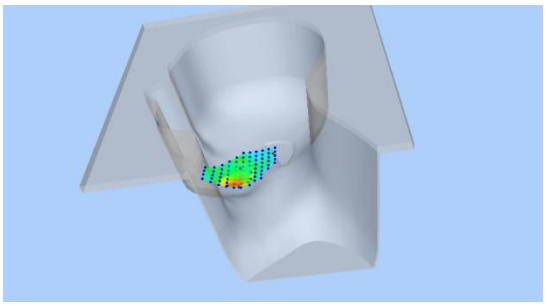
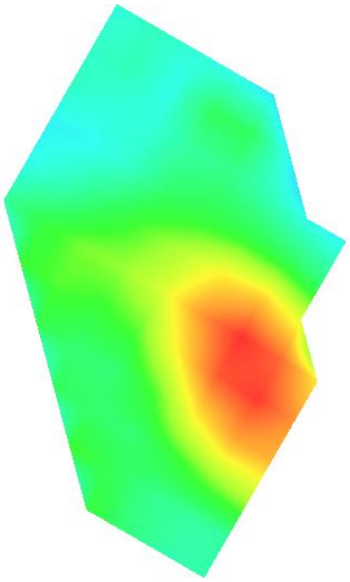
Maximum location: X=-49.00, Y=-54.00

SAR Peak: 0.44W/kg

SAR 10g (W/Kg)	0.157969
SAR 1g (W/Kg)	0.279243

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4368	0.2928	0.1761	0.1087	0.0713



3D screen shot	Hot spot position
	

Plot 6: WCDMA850, BACK, Middle,10mm

Type: Phone measurement

Date of measurement: 03/07/2019

Measurement duration: 22 minutes 18 seconds

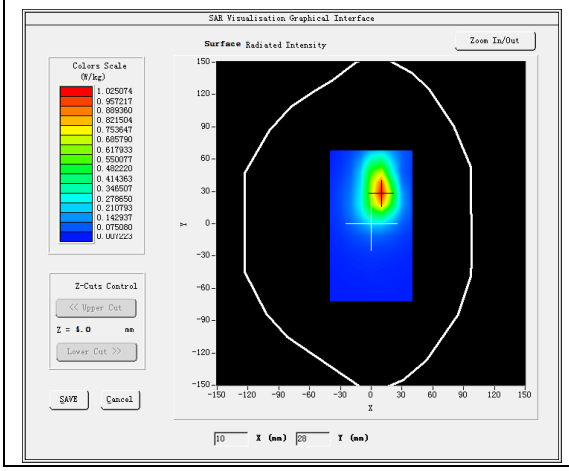
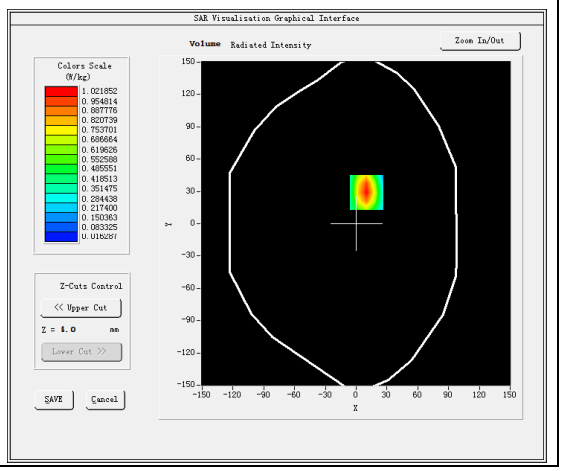
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	836.6
Relative permittivity (real part)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	1.48
ConvF:	1.99

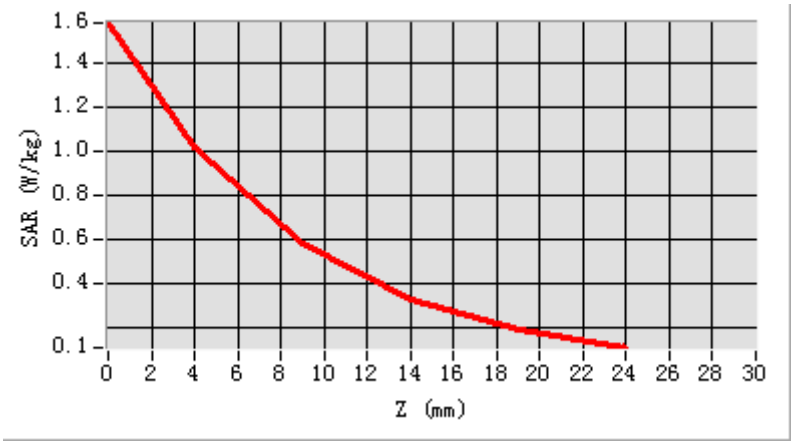
SURFACE SAR	**VOLUME SAR**
	

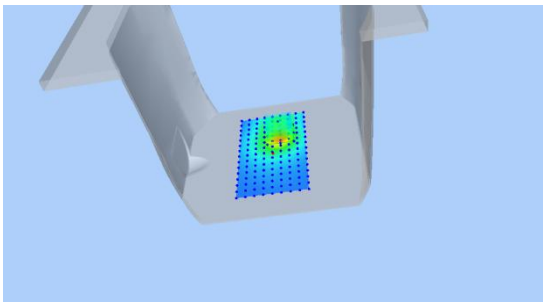
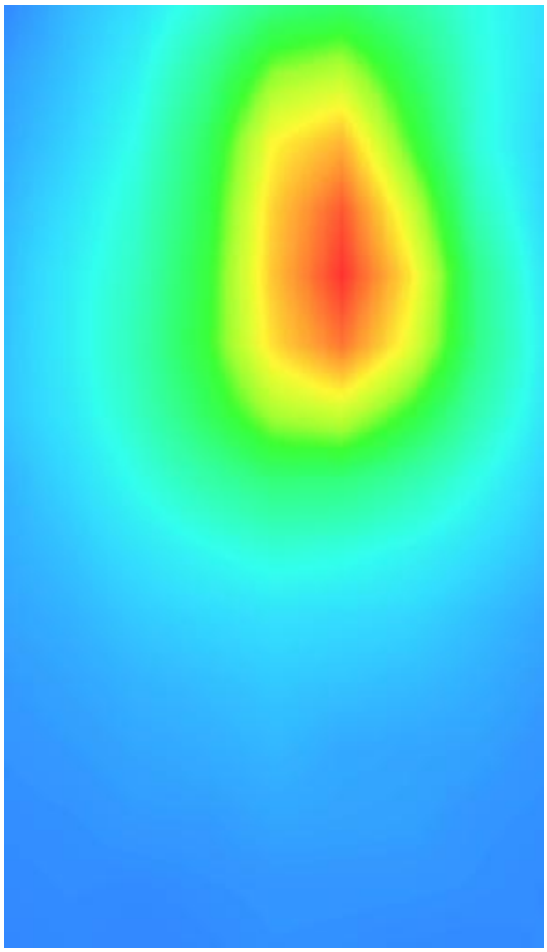
Maximum location: X=10.00, Y=29.00

SAR Peak: 1.59 W/kg

SAR 10g (W/Kg)	0.499869
SAR 1g (W/Kg)	0.959782

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.5803	1.0219	0.5780	0.3280	0.1929



3D screen shot	Hot spot position
	

Plot 7: WCDMA1900, Left Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 03/11/2019

Measurement duration: 22 minutes 28 seconds

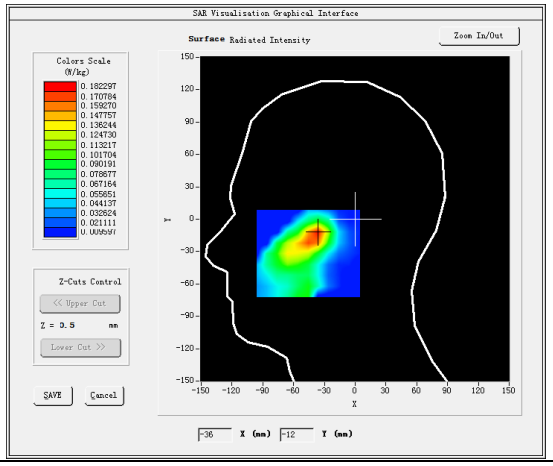
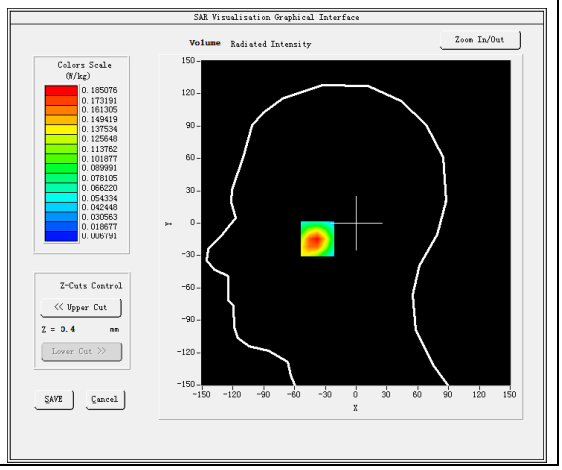
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	13.35
Conductivity (S/m)	1.42
Variation (%)	-4.86
ConvF:	2.34

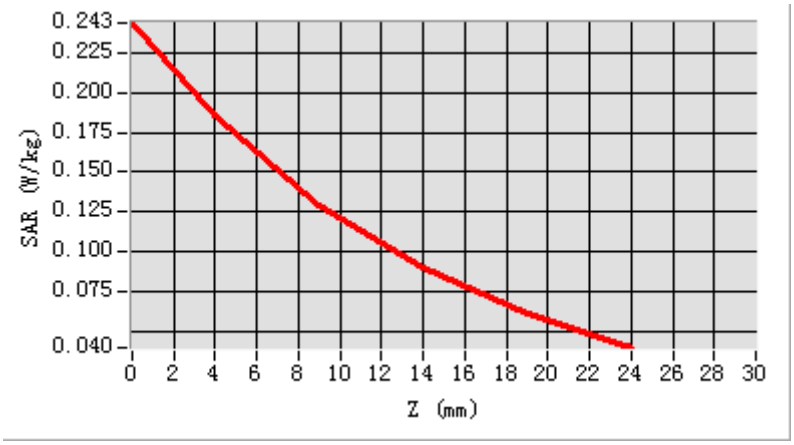
SURFACE SAR	**VOLUME SAR**
	

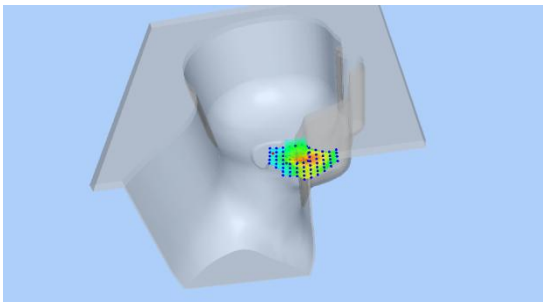
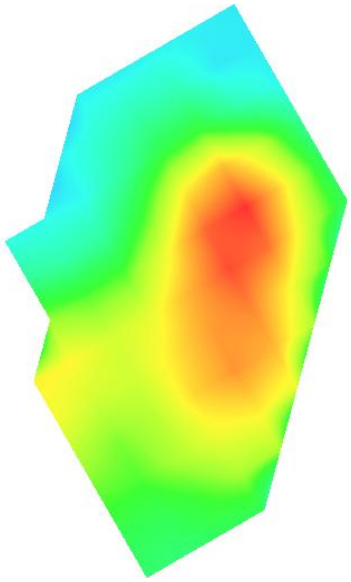
Maximum location: X=-37.00, Y=-14.00

SAR Peak: 0.25W/kg

SAR 10g (W/Kg)	0.104906
SAR 1g (W/Kg)	0.174801

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2434	0.1851	0.1297	0.0899	0.0615



3D screen shot	Hot spot position
	

Plot 8: WCDMA1900,Back, Middle,10mm

Type: Phone measurement

Date of measurement: 03/11/2019

Measurement duration: 22 minutes 21 seconds

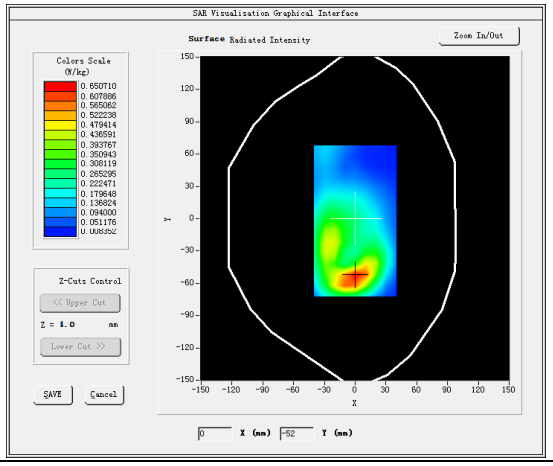
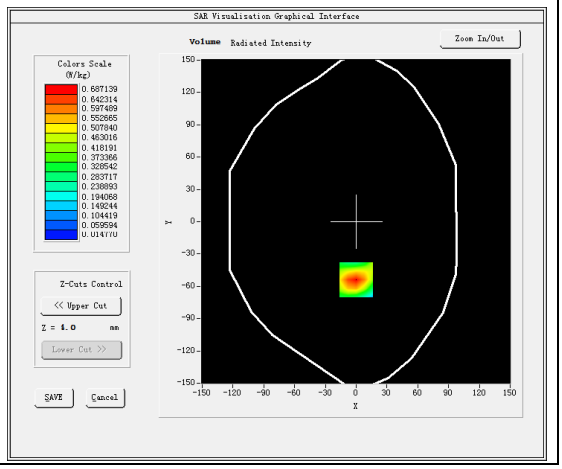
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-2.96
ConvF:	2.39

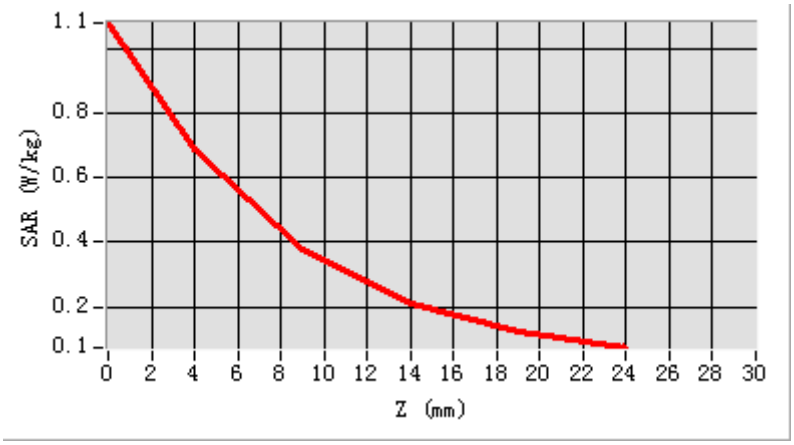
SURFACE SAR	**VOLUME SAR**
	

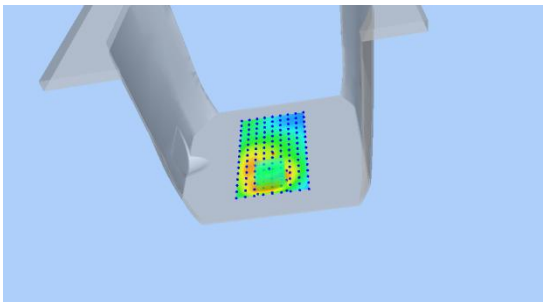
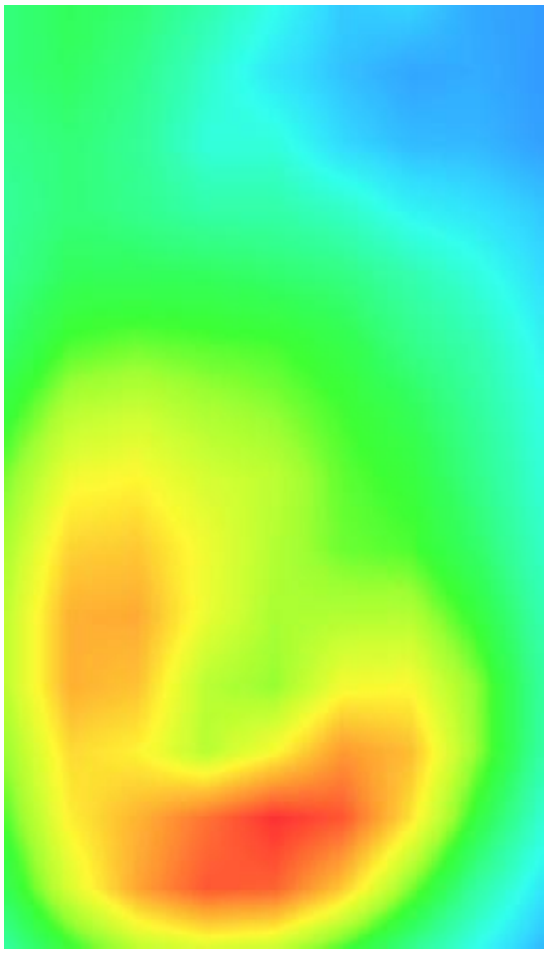
Maximum location: X=0.00, Y=-54.00

SAR Peak: 1.08W/kg

SAR 10g (W/Kg)	0.339139
SAR 1g (W/Kg)	0.641244

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0829	0.6871	0.3793	0.2113	0.1242



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 03/11/2019

Measurement duration: 22 minutes 21 seconds

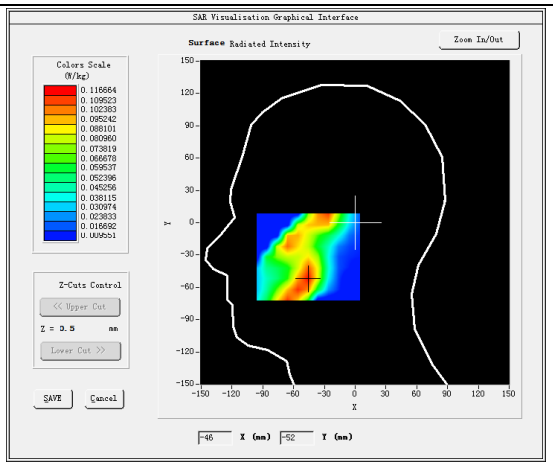
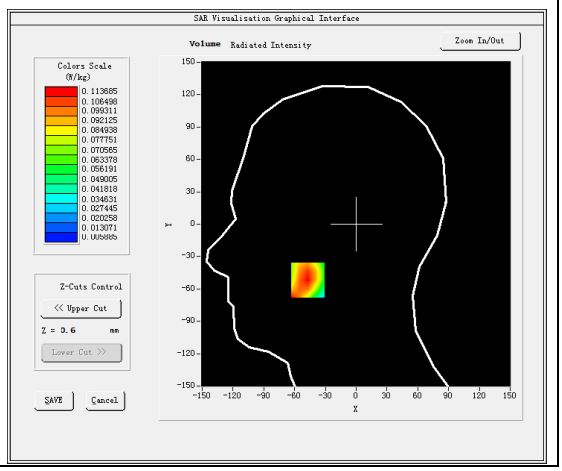
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1880
Relative permittivity (real part)	40.58
Relative permittivity (imaginary part)	13.35
Conductivity (S/m)	1.42
Variation (%)	1.84
ConvF:	2.34

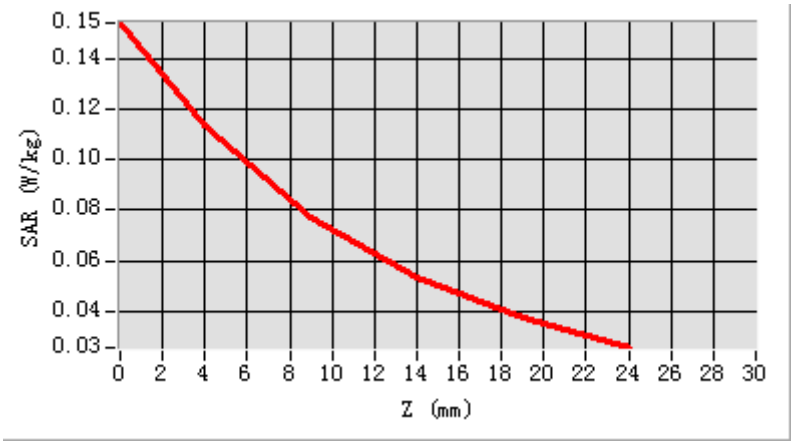
SURFACE SAR	**VOLUME SAR**
	

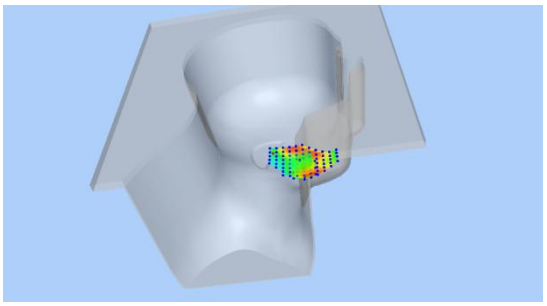
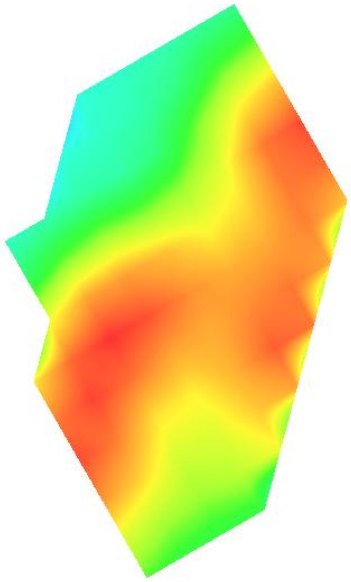
Maximum location: X=-47.00, Y=-52.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.068532
SAR 1g (W/Kg)	0.107980

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1543	0.1137	0.0773	0.0531	0.0371



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 03/11/2019

Measurement duration: 22 minutes 35 seconds

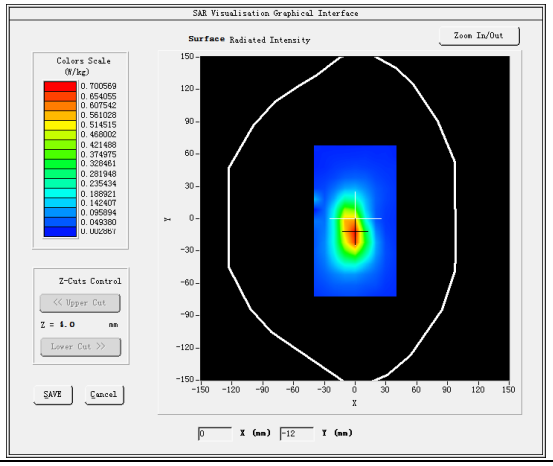
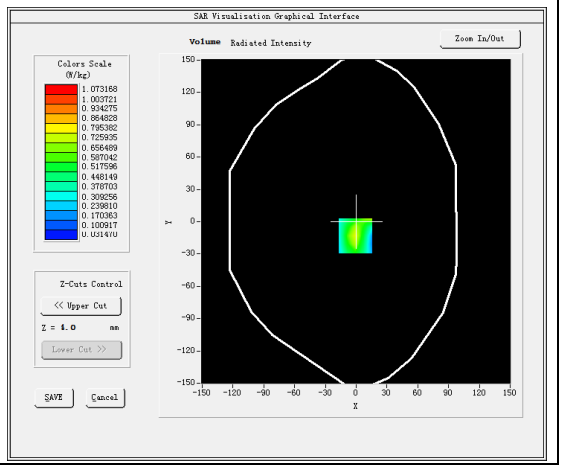
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1880
Relative permittivity (real part)	53.35
Relative permittivity (imaginary part)	14.21
Conductivity (S/m)	1.50
Variation (%)	-2.27
ConvF:	2.39

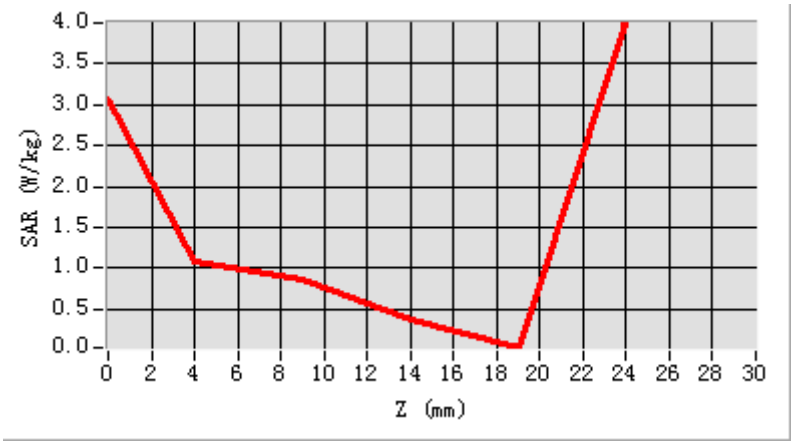
SURFACE SAR	**VOLUME SAR**
	

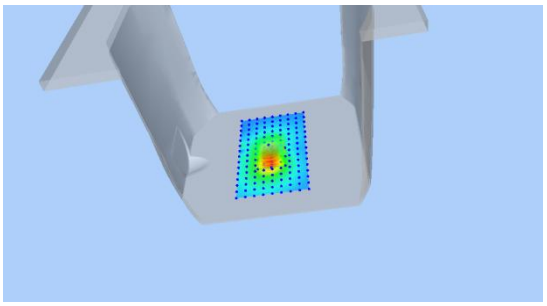
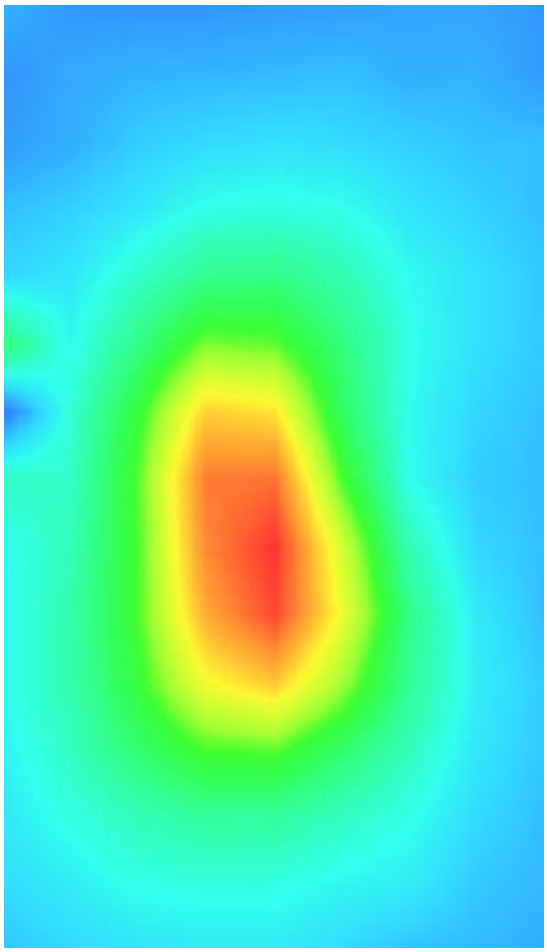
Maximum location: X=-1.00, Y=-13.00

SAR Peak: 0.88W/kg

SAR 10g (W/Kg)	0.561470
SAR 1g (W/Kg)	0.801958

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	3.0637	1.0732	0.8753	0.3748	0.0315



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 03/08/2019

Measurement duration: 22 minutes 21 seconds

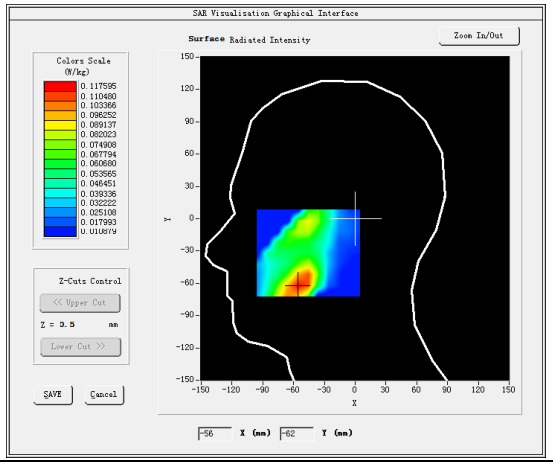
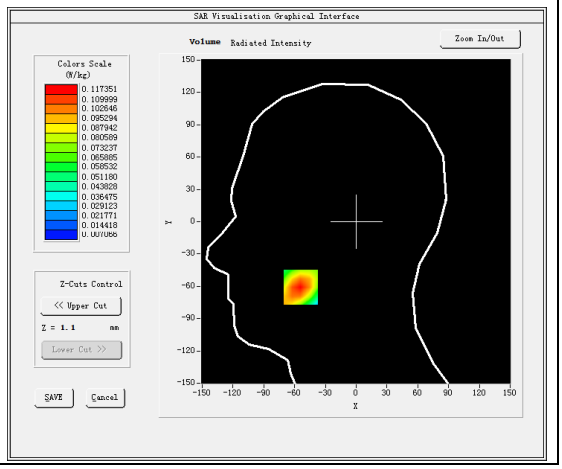
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1732.5
Relative permittivity (real part)	40.44
Relative permittivity (imaginary part)	14.15
Conductivity (S/m)	1.40
Variation (%)	-1.87
ConvF:	2.14

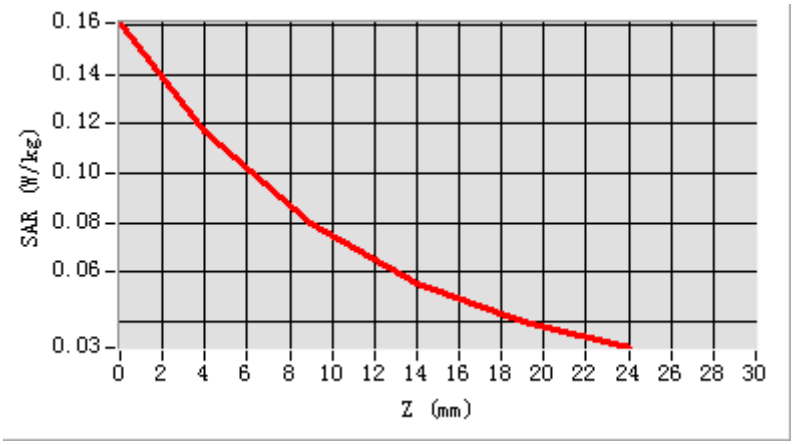
SURFACE SAR	**VOLUME SAR**
	

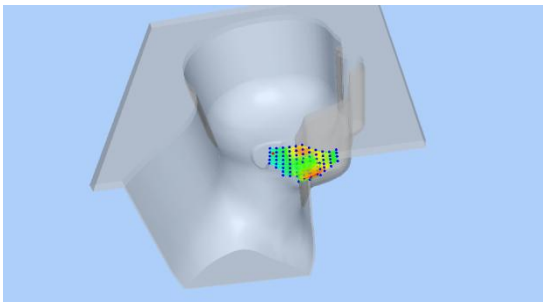
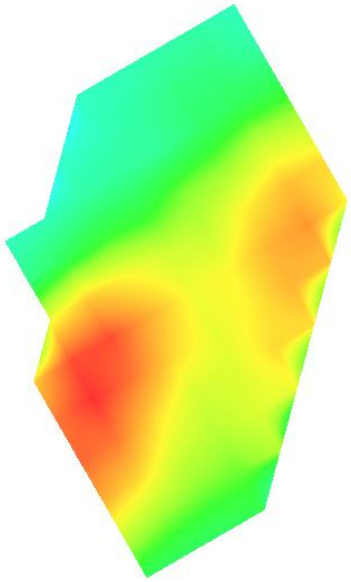
Maximum location: X=-54.00, Y=-61.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.071506
SAR 1g (W/Kg)	0.113054

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1610	0.1174	0.0794	0.0552	0.0401



3D screen shot	Hot spot position
	

Plot 12: LTE Band4, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 03/08/2019

Measurement duration: 22 minutes 41 seconds

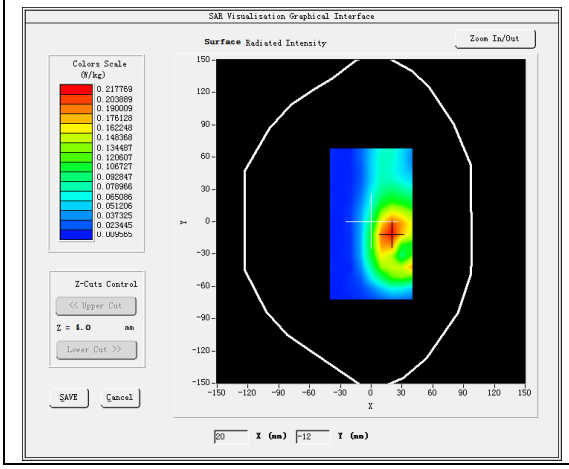
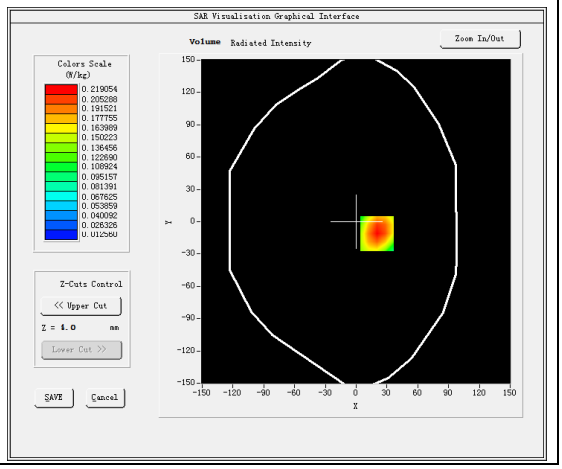
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.31
Relative permittivity (imaginary part)	15.21
Conductivity (S/m)	1.51
Variation (%)	-3.06
ConvF:	2.22

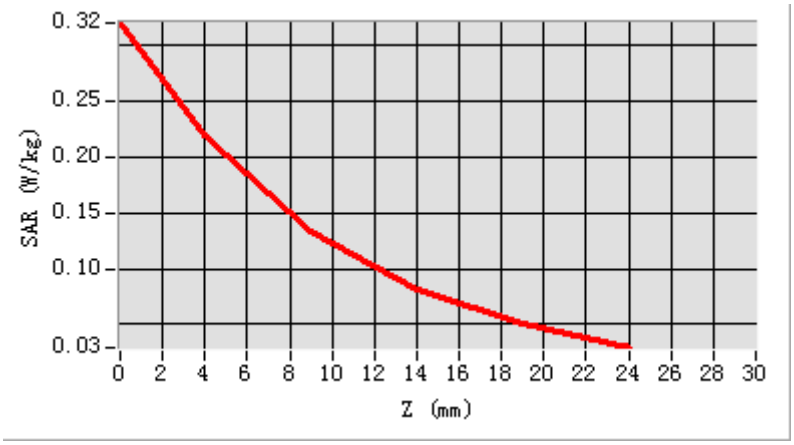
SURFACE SAR	**VOLUME SAR**
	

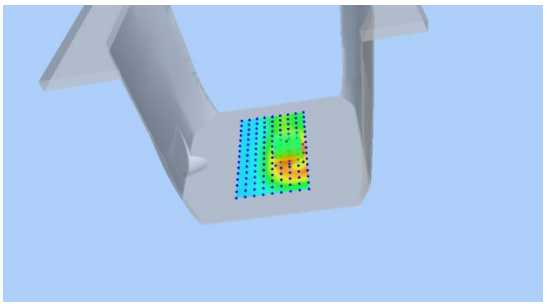
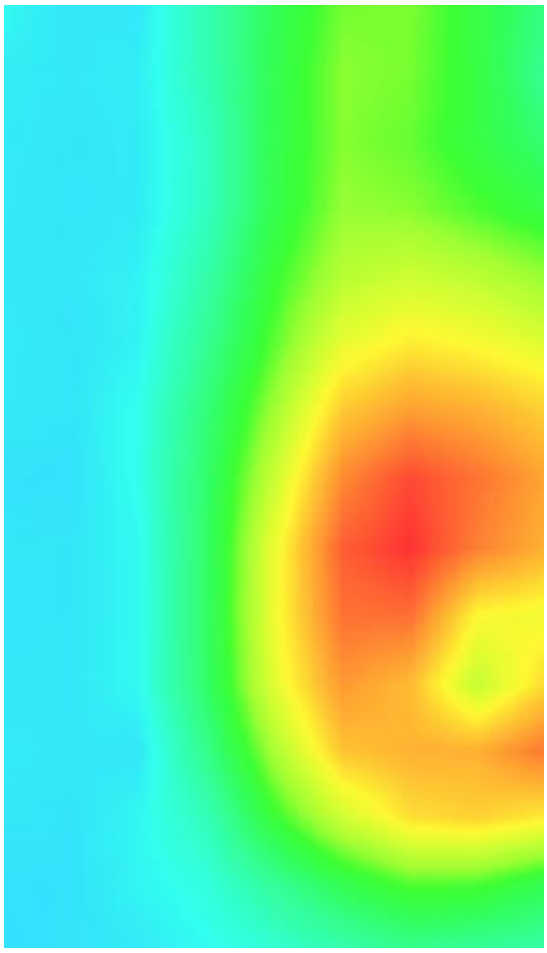
Maximum location: X=20.00, Y=-11.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.124336
SAR 1g (W/Kg)	0.211590

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3202	0.2191	0.1337	0.0812	0.0498



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 03/07/2019

Measurement duration: 22 minutes 16econds

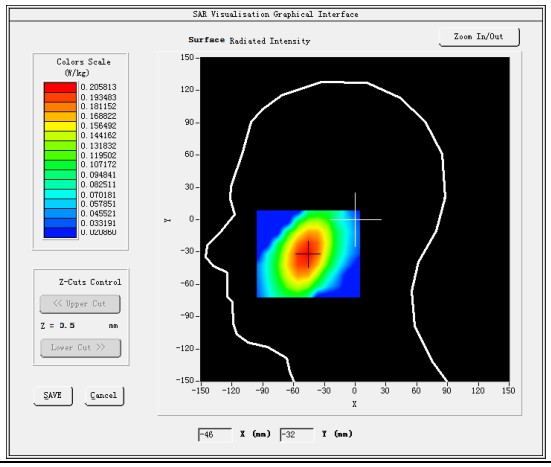
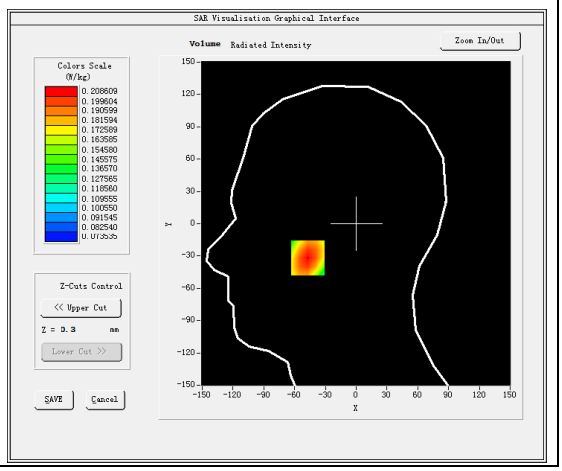
Mobile Phone IMEI number: --

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_EPGO261
Frequency (MHz)	836.5
Relative permittivity (real part)	41.46
Relative permittivity (imaginary part)	18.88
Conductivity (S/m)	0.91
Variation (%)	-2.97
ConvF:	1.92

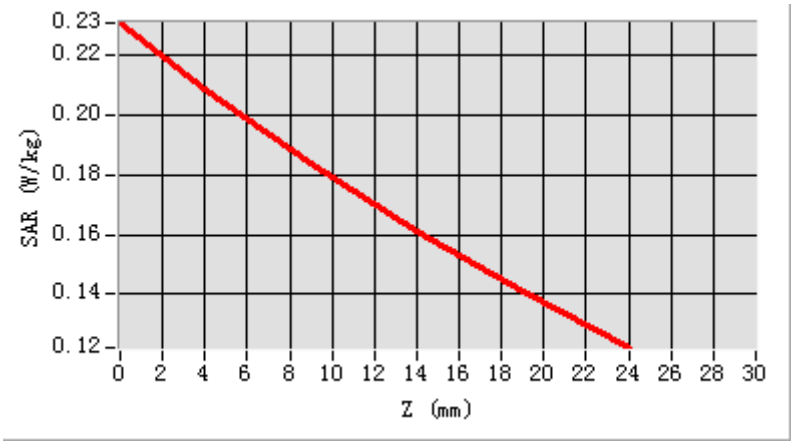
SURFACE SAR	**VOLUME SAR**
	

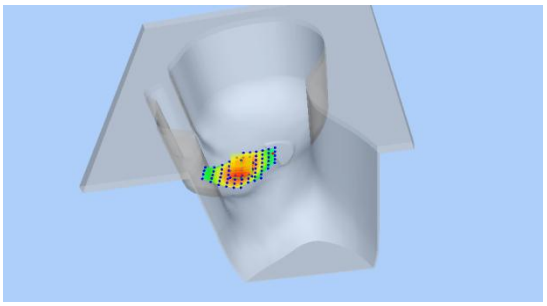
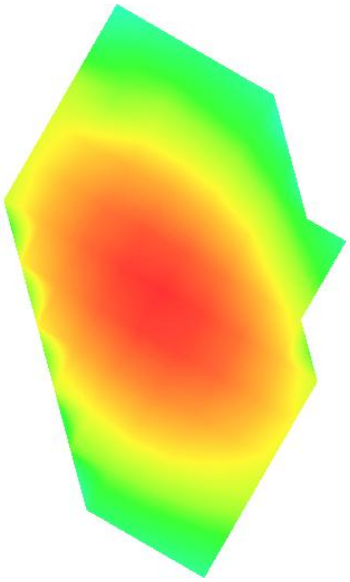
Maximum location: X=-47.00, Y=-32.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.169765
SAR 1g (W/Kg)	0.206119

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2307	0.2086	0.1835	0.1610	0.1407



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 03/07/2019

Measurement duration: 22 minutes 42 seconds

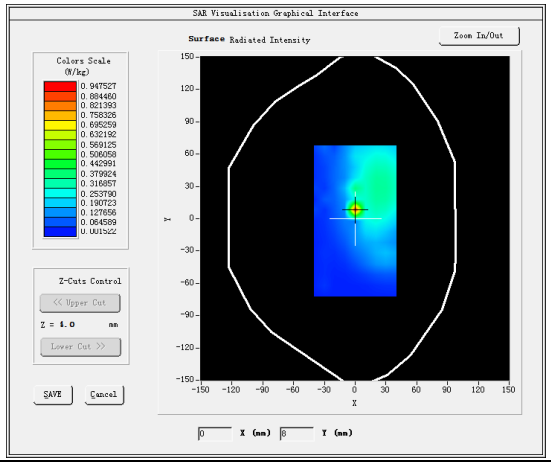
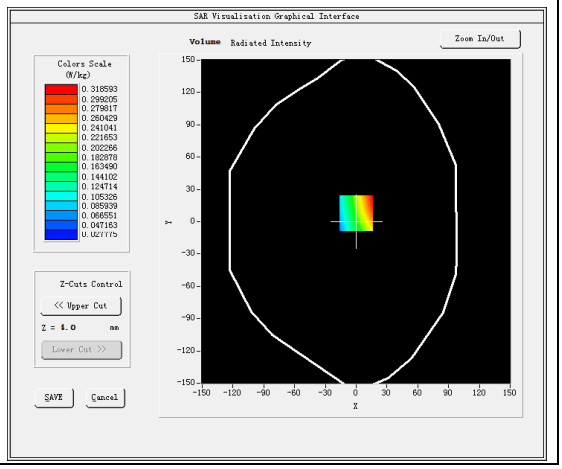
Mobile Phone IMEI number: --

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_EPGO261
Frequency (MHz)	836.5
Relative permittivity (real part)	55.22
Relative permittivity (imaginary part)	20.15
Conductivity (S/m)	0.94
Variation (%)	-3.07
ConvF:	1.99

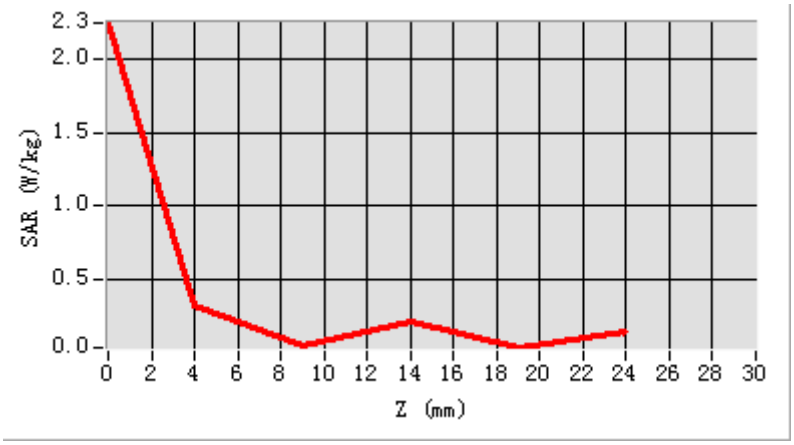
SURFACE SAR	**VOLUME SAR**
	

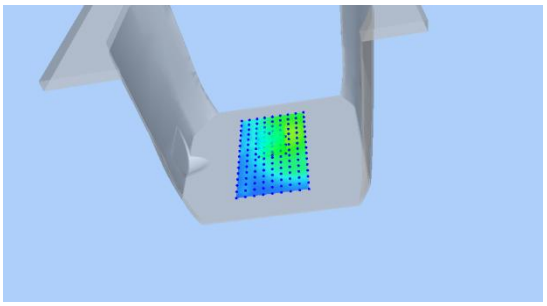
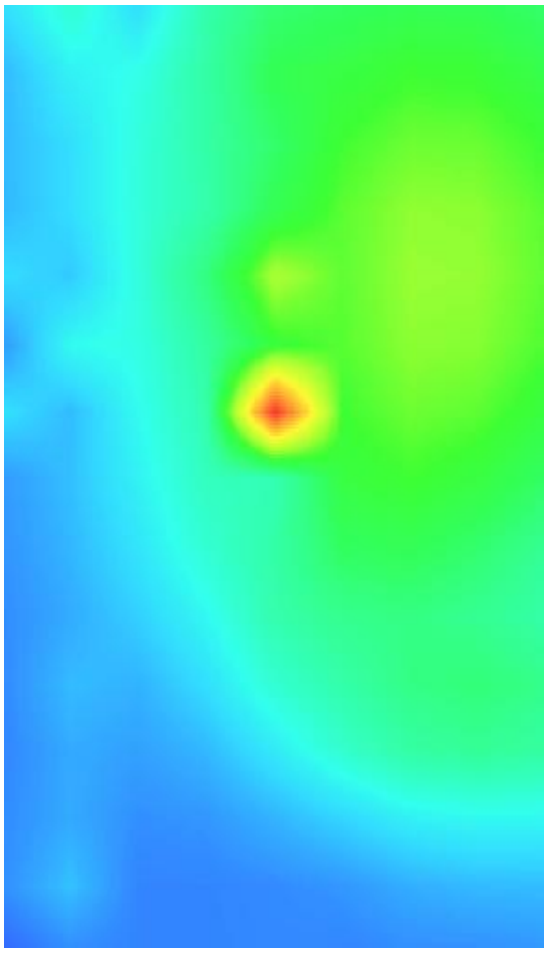
Maximum location: X=0.00, Y=8.00

SAR Peak: 0.37W/kg

SAR 10g (W/Kg)	0.193850
SAR 1g (W/Kg)	0.288566

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.2508	0.3186	0.0510	0.2129	0.0342



3D screen shot	Hot spot position
	

Plot 15 LTE Band12, 10MHz,Left Cheek, Middle

Type: Phone measurement

Date of measurement: 03/06/2019

Measurement duration: 22 minutes 18 seconds

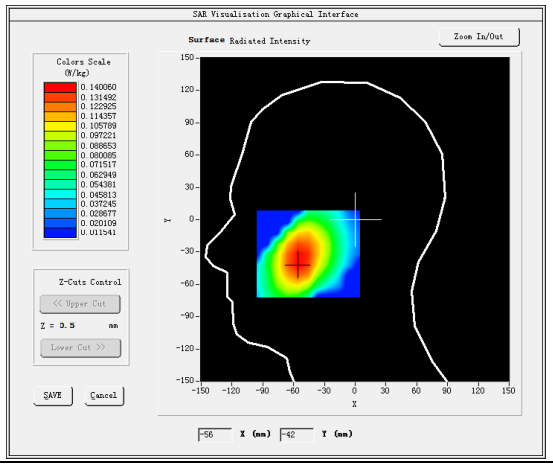
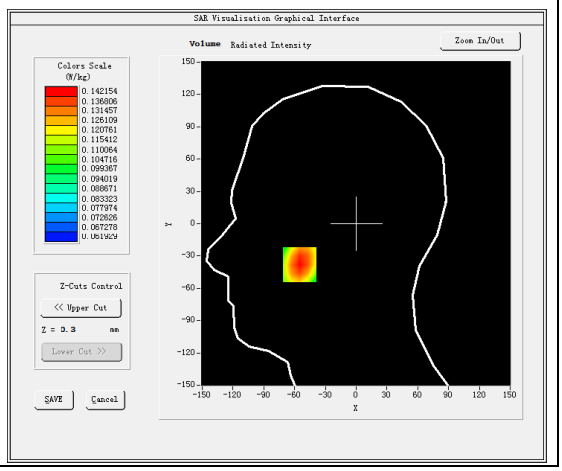
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	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_EPGO261
Frequency (MHz)	707.5
Relative permittivity (real part)	41.85
Relative permittivity (imaginary part)	21.43
Conductivity (S/m)	0.88
Variation (%)	-1.01
ConvF:	1.87

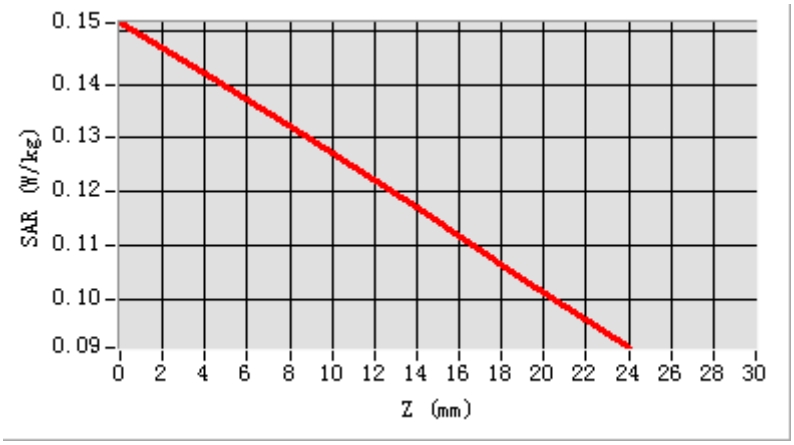
SURFACE SAR	**VOLUME SAR**
	

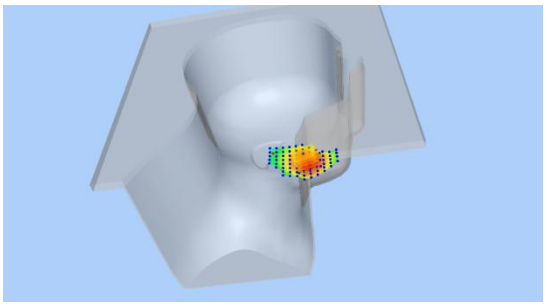
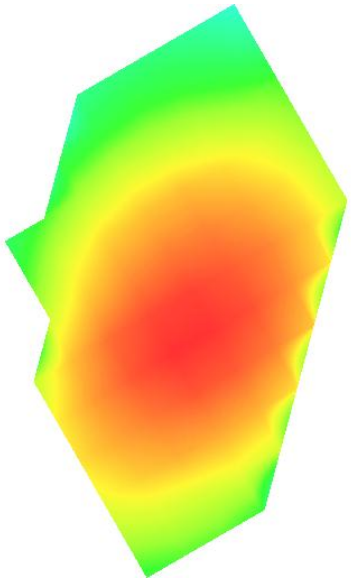
Maximum location: X=--55.00, Y=-38.00

SAR Peak: 0.15W/kg

SAR 10g (W/Kg)	0.120332
SAR 1g (W/Kg)	0.141990

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1514	0.1422	0.1299	0.1171	0.1039



3D screen shot	Hot spot position
	

Plot 16LTE Band12, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 03/06/2019

Measurement duration: 22 minutes 31 seconds

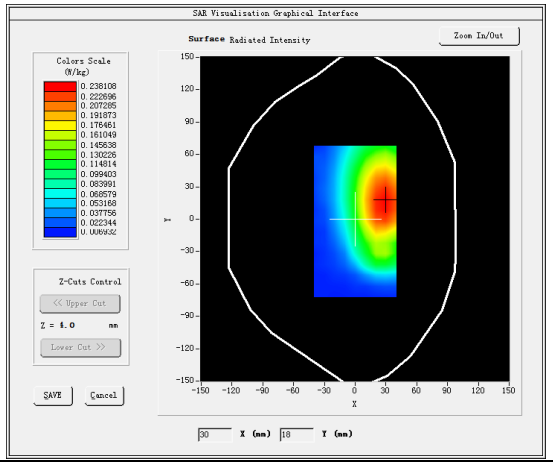
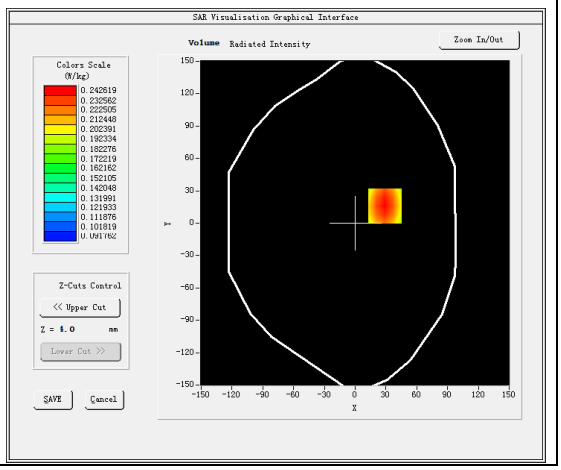
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	707.5
Relative permittivity (real part)	55.43
Relative permittivity (imaginary part)	22.15
Conductivity (S/m)	0.95
Variation (%)	4.71
ConvF:	1.93

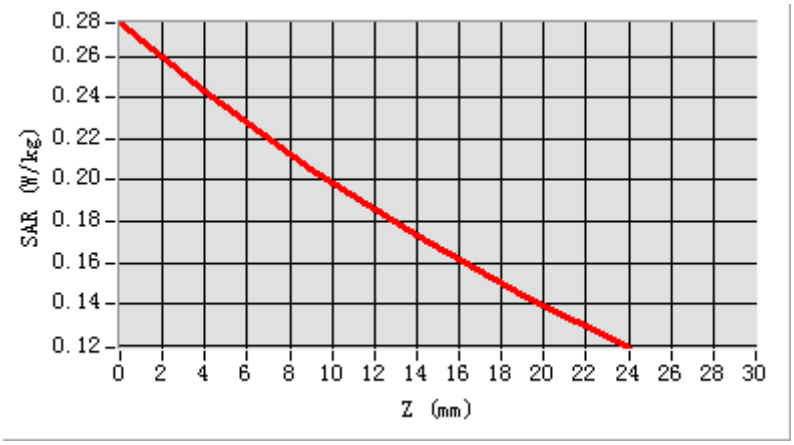
SURFACE SAR	**VOLUME SAR**
	

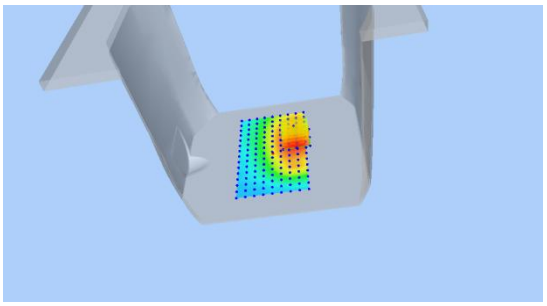
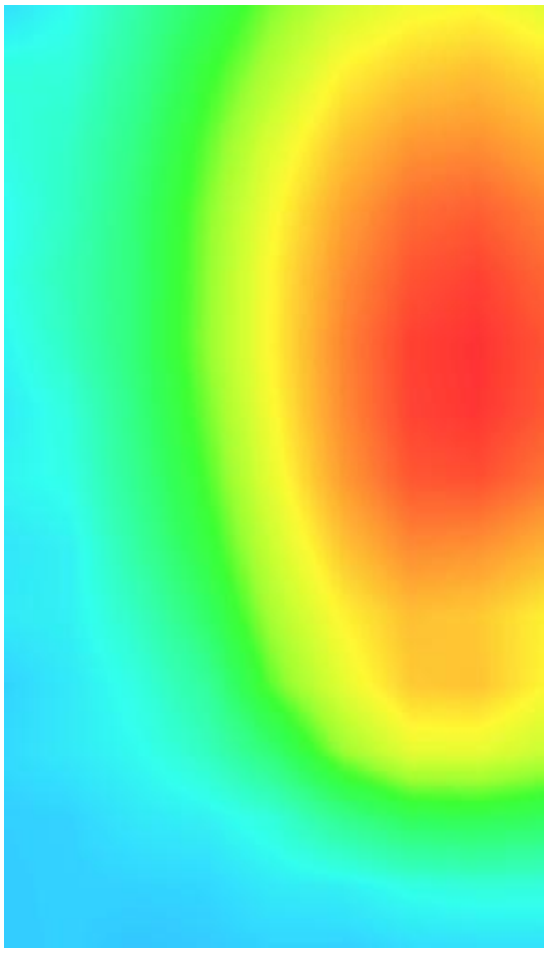
Maximum location: X=29.00, Y=16.00

SAR Peak: 0.28W/kg

SAR 10g (W/Kg)	0.191685
SAR 1g (W/Kg)	0.240965

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2761	0.2426	0.2054	0.1728	0.1443



3D screen shot	Hot spot position
	

Plot 17 LTE Band13, 10MHz,Right Cheek, Middle

Type: Phone measurement

Date of measurement: 03/06/2019

Measurement duration: 22 minutes 23 seconds

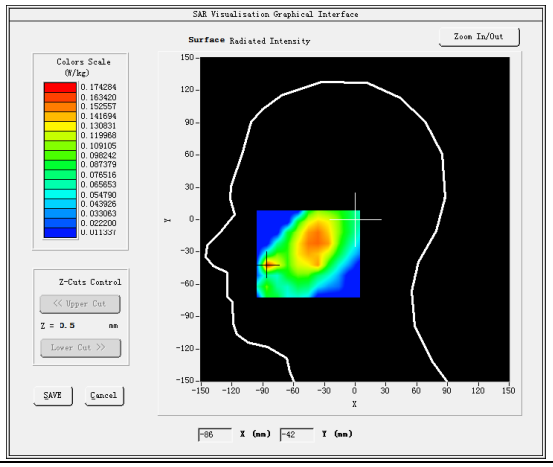
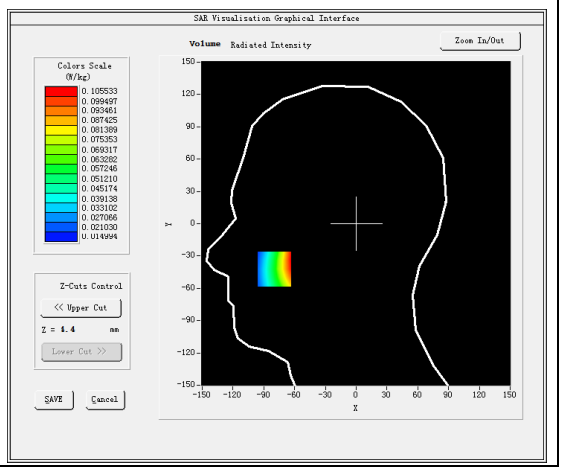
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	LTE Band 13
Channels	23230
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	782
Relative permittivity (real part)	41.85
Relative permittivity (imaginary part)	21.43
Conductivity (S/m)	0.88
Variation (%)	-3.97
ConvF:	1.87

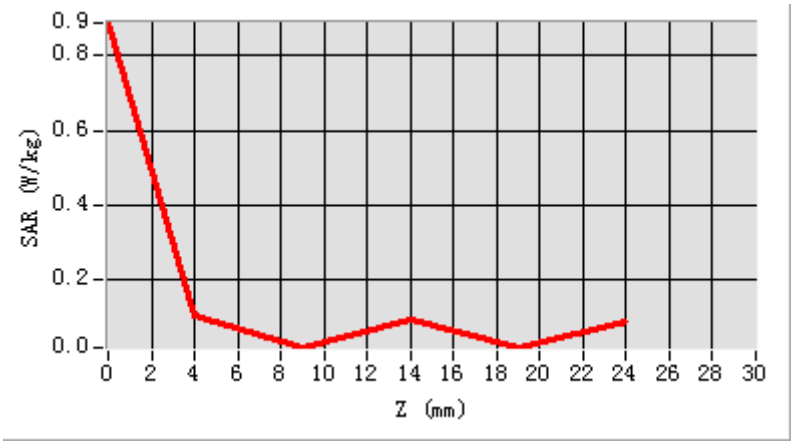
SURFACE SAR	**VOLUME SAR**
	

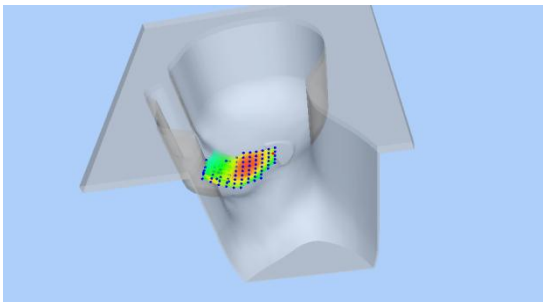
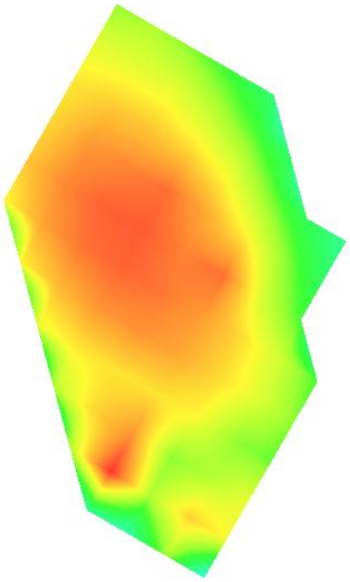
Maximum location: X=--80.00, Y=-42.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.074586
SAR 1g (W/Kg)	0.096740

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8873	0.1055	0.0212	0.0965	0.0194



3D screen shot	Hot spot position
	

Plot 18 LTE Band13, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 03/06/2019

Measurement duration: 22 minutes 18 seconds

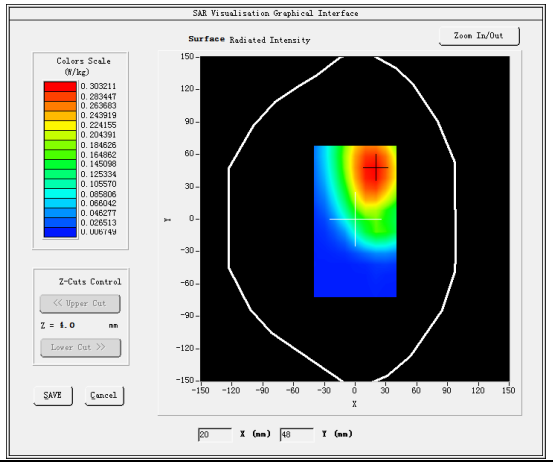
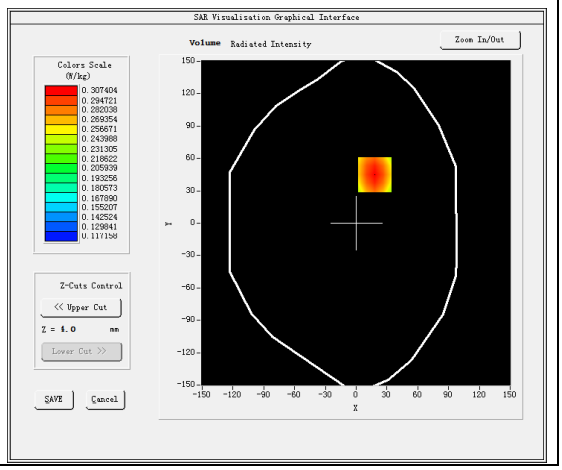
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 13
Channels	23230
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	782
Relative permittivity (real part)	55.43
Relative permittivity (imaginary part)	22.15
Conductivity (S/m)	0.95
Variation (%)	-3.34
ConvF:	1.93

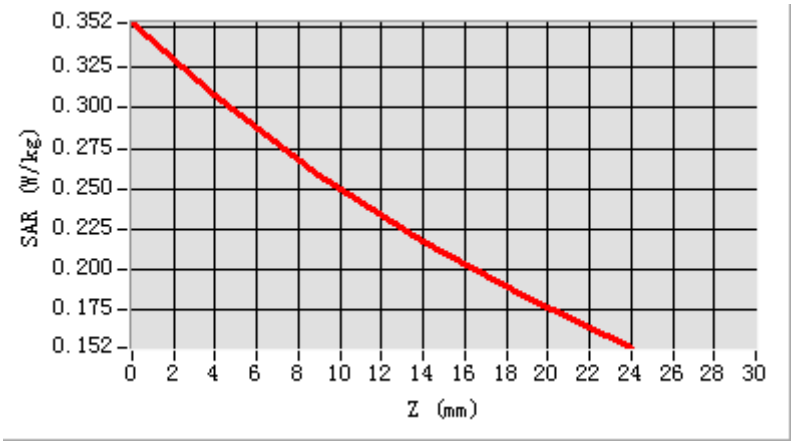
SURFACE SAR	**VOLUME SAR**
	

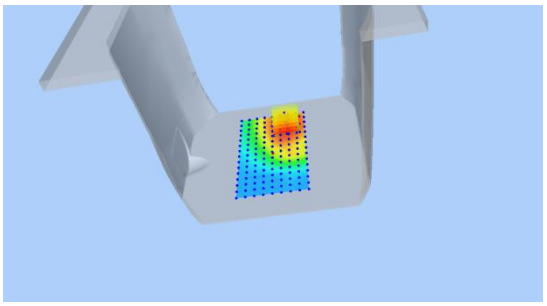
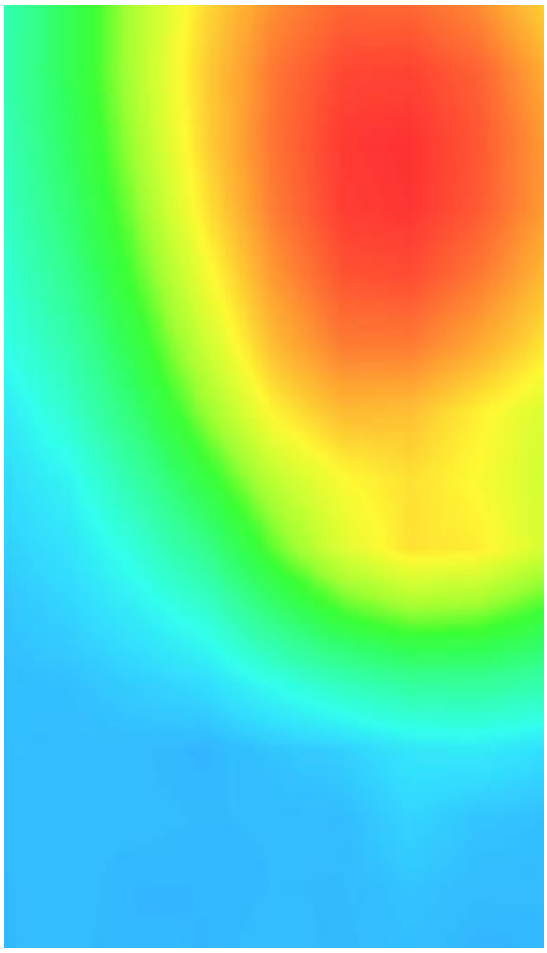
Maximum location: X=18.00, Y=45.00

SAR Peak: 0.35W/kg

SAR 10g (W/Kg)	0.239499
SAR 1g (W/Kg)	0.298693

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3525	0.3074	0.2586	0.2175	0.1827



3D screen shot	Hot spot position
	

Plot 19:LTE Band17, 10MHz,Left Check, Middle

Type: Phone measurement

Date of measurement: 03/06/2019

Measurement duration: 22 minutes 28 seconds

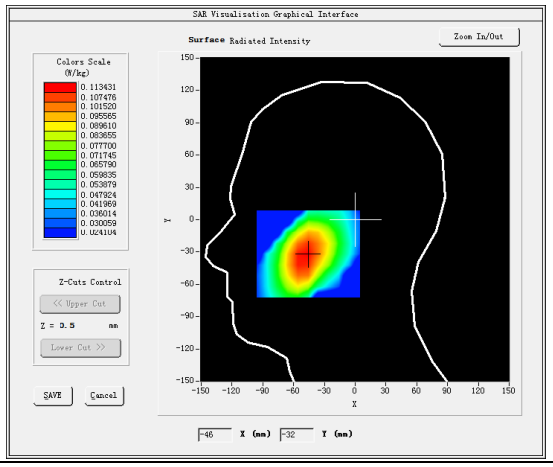
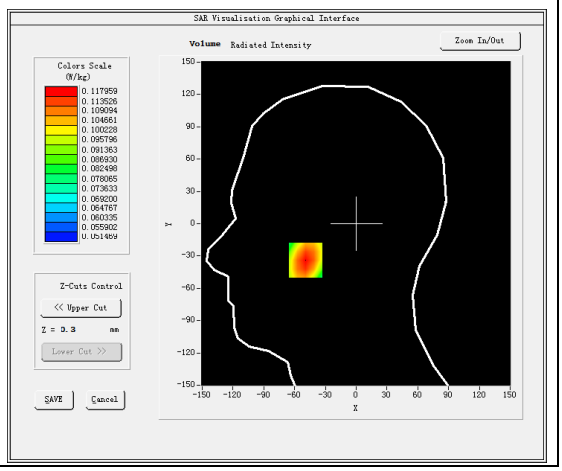
Mobile Phone IMEI number: --

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_EPGO261
Frequency (MHz)	710
Relative permittivity (real part)	41.85
Relative permittivity (imaginary part)	21.43
Conductivity (S/m)	0.88
Variation (%)	-3.17
ConvF:	1.87

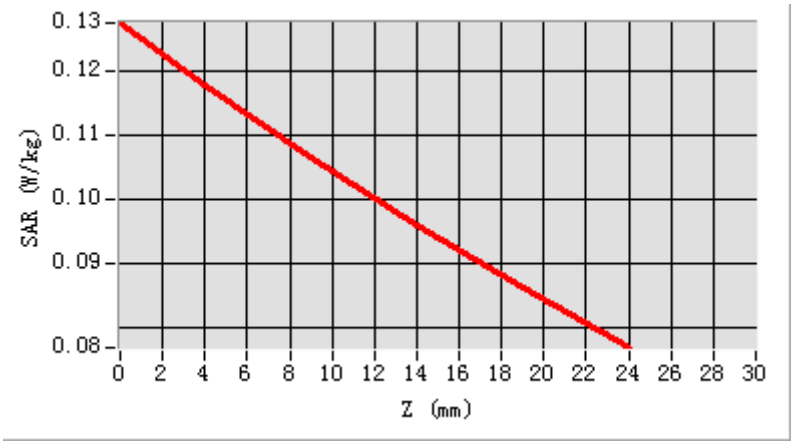
SURFACE SAR	**VOLUME SAR**
	

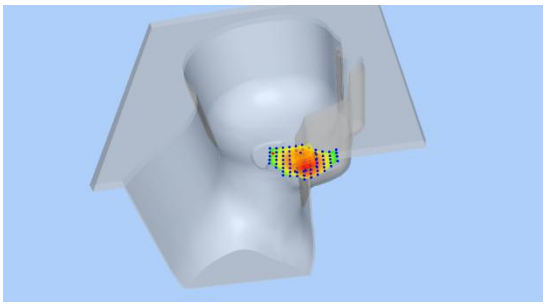
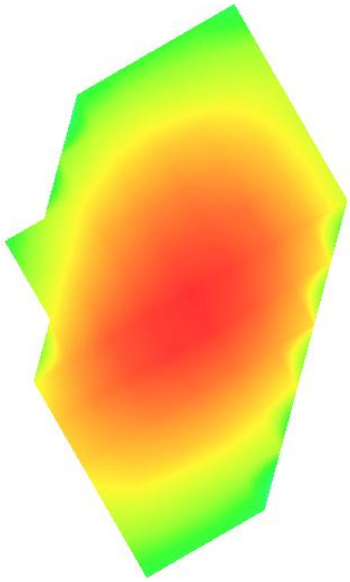
Maximum location: X=--49.00, Y=-34.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.099649
SAR 1g (W/Kg)	0.117369

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1276	0.1180	0.1066	0.0960	0.0861



3D screen shot	Hot spot position
	

Plot 20 LTE Band17, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 03/06/2019

Measurement duration: 22 minutes 21 seconds

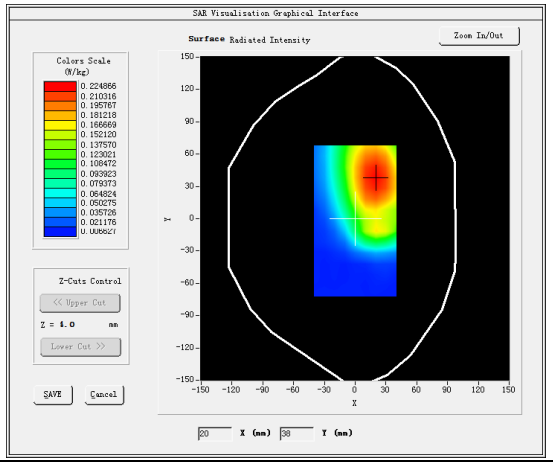
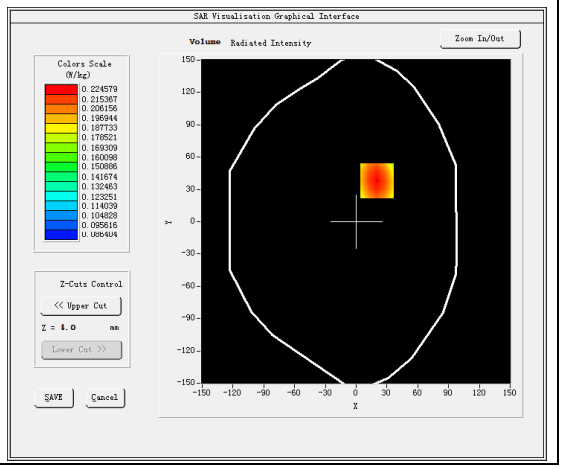
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	710
Relative permittivity (real part)	55.43
Relative permittivity (imaginary part)	22.15
Conductivity (S/m)	0.95
Variation (%)	-3.02
ConvF:	1.93

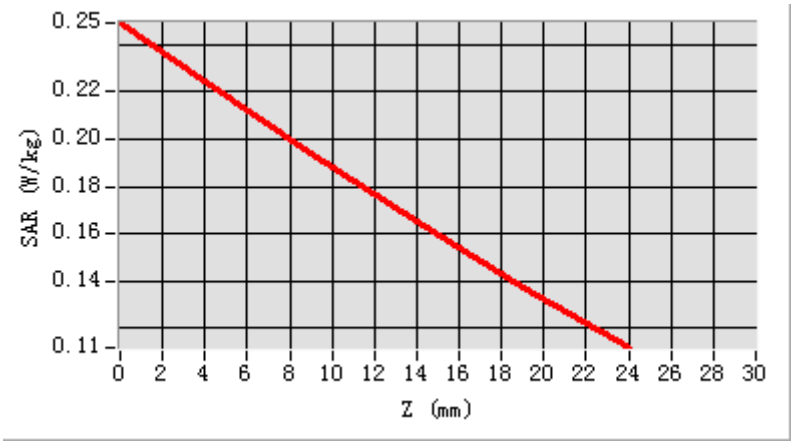
SURFACE SAR	**VOLUME SAR**
	

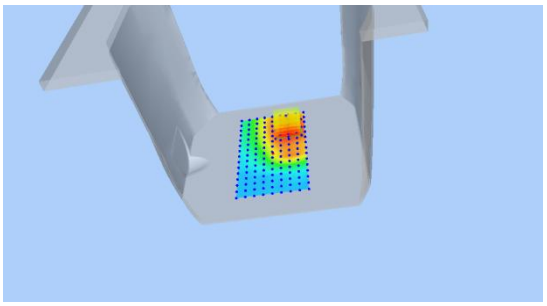
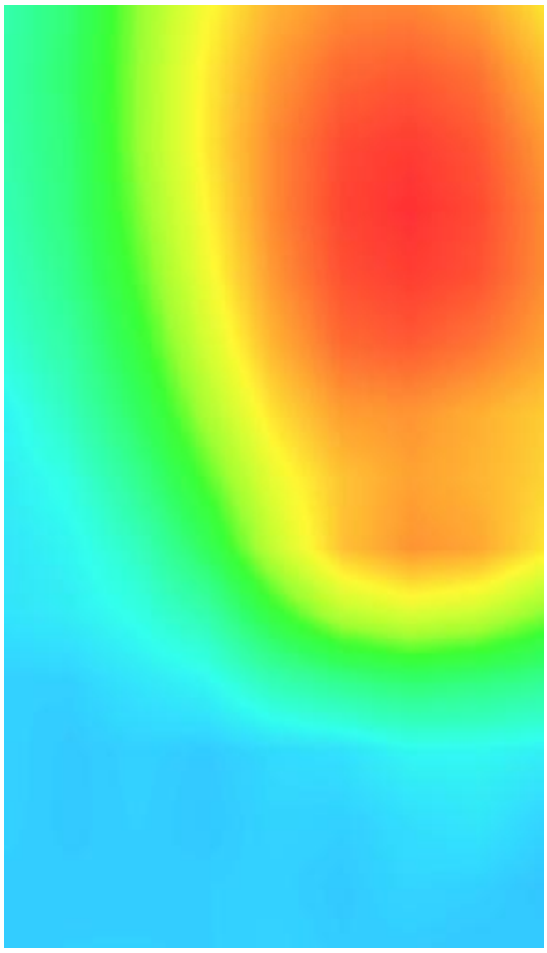
Maximum location: X=20.00, Y=38.00

SAR Peak: 0.25W/kg

SAR 10g (W/Kg)	0.180187
SAR 1g (W/Kg)	0.222812

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2492	0.2246	0.1945	0.1653	0.1375



3D screen shot	Hot spot position
	

Plot 21: WIFI 2.4G 802.11b,Left Cheek, Middle

Type: Phone measurement

Date of measurement: 03/12/2019

Measurement duration: 22 minutes 19 seconds

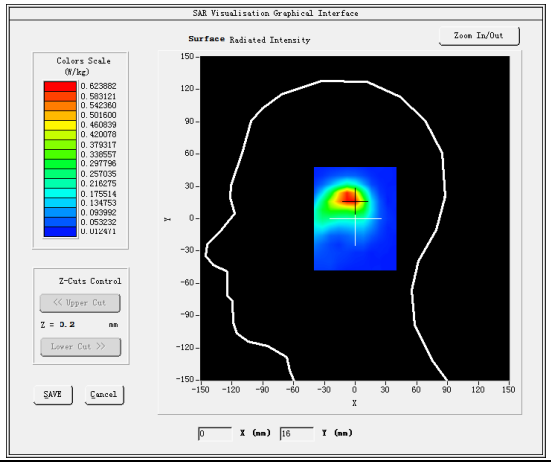
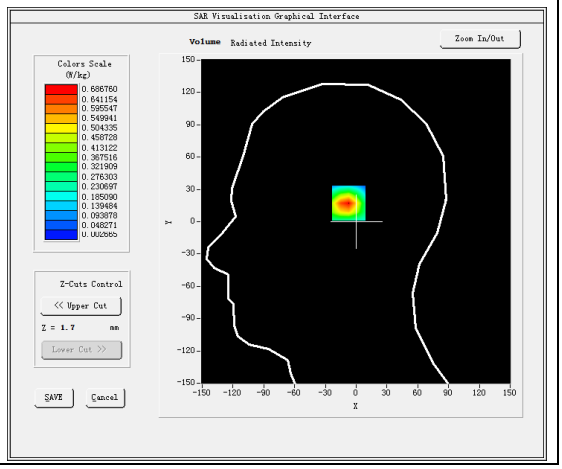
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	WIFI
Channels	6
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	2437
Relative permittivity (real part)	39.23
Relative permittivity (imaginary part)	13.65
Conductivity (S/m)	1.81
Variation (%)	1.03
ConvF:	2.37

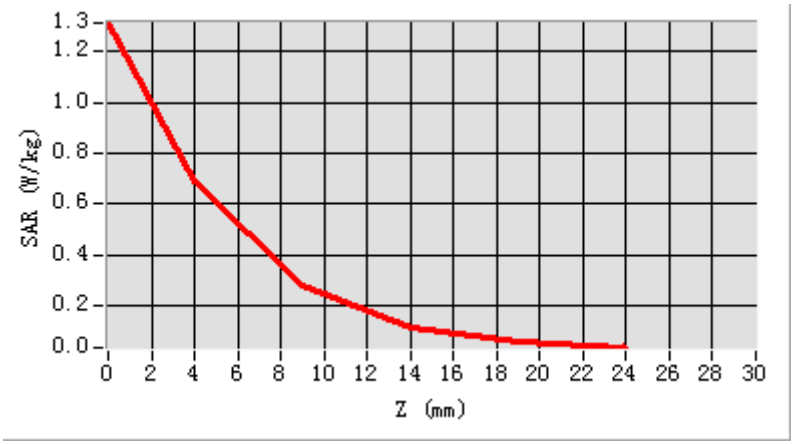
SURFACE SAR	**VOLUME SAR**
	

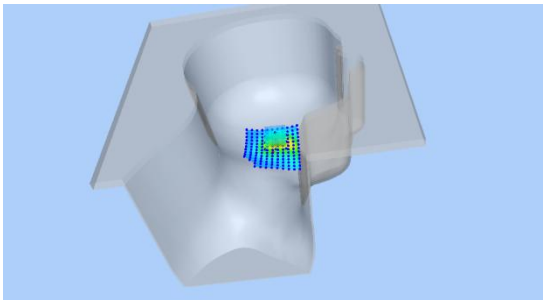
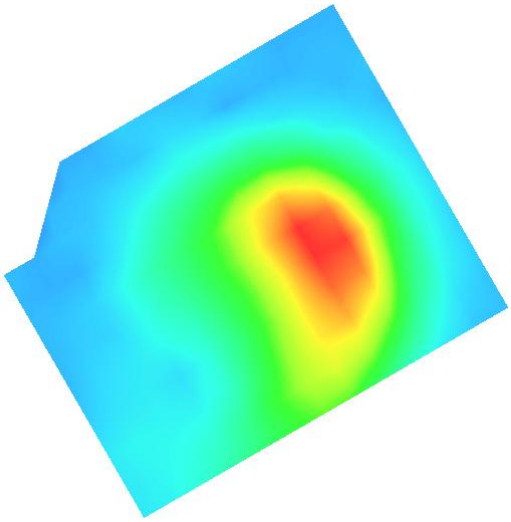
Maximum location: X=-5.00, Y=18.00

SAR Peak: 1.32W/kg

SAR 10g (W/Kg)	0.298398
SAR 1g (W/Kg)	0.690535

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3106	0.6868	0.2808	0.1159	0.0598



3D screen shot	Hot spot position
	

Plot 22: WIFI 2.4G 802.11b, Body Back, 10mm

Type: Phone measurement

Date of measurement: 03/12/2019

Measurement duration: 22 minutes 19 seconds

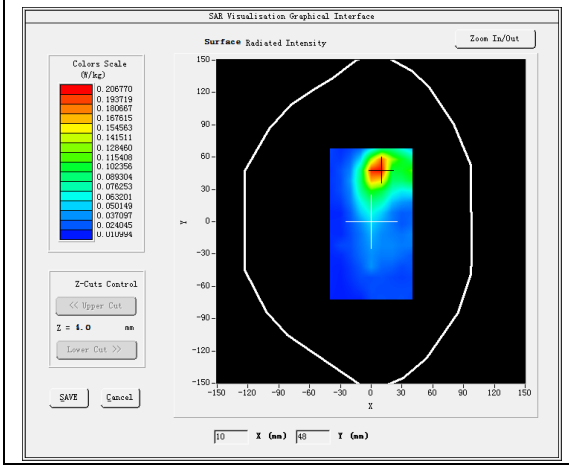
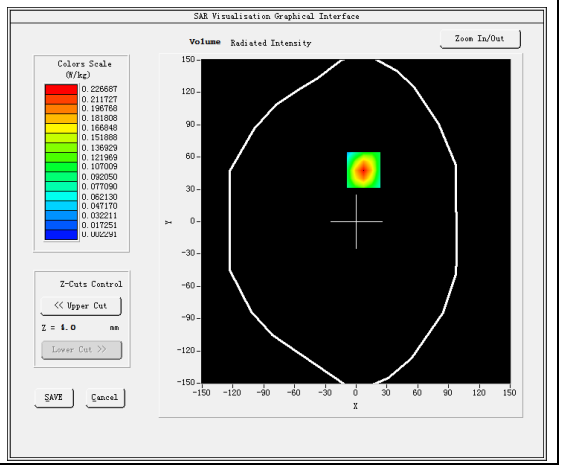
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPGO261
Frequency (MHz)	2437
Relative permittivity (real part)	52.73
Relative permittivity (imaginary part)	14.15
Conductivity (S/m)	1.92
Variation (%)	-2.30
ConvF:	2.46

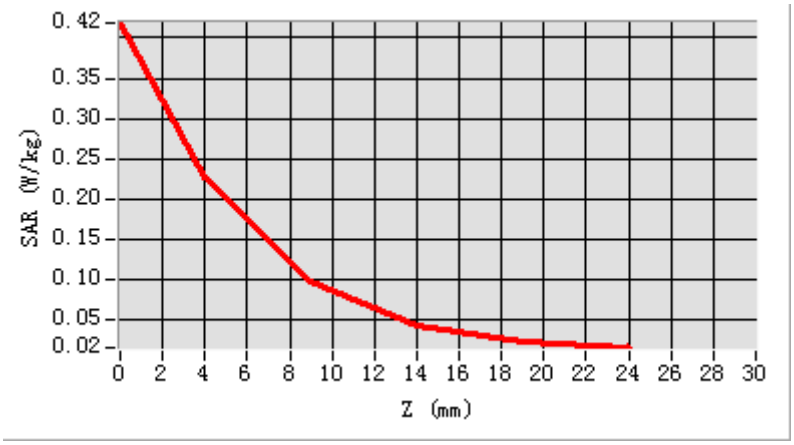
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=7.00, Y=48.00

SAR Peak: 0.42W/kg

SAR 10g (W/Kg)	0.103736
SAR 1g (W/Kg)	0.226501

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4185	0.2267	0.0985	0.0440	0.0242



3D screen shot	Hot spot position