Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850/GPRS4Tx	Left Side, Middle ,10mm	2020/09/22
2	GSM1900/GPRS4Tx	Left Side, Middle ,10mm	2020/09/23
3	WCDMA1900	Left Side, Middle ,10mm	2020/09/23
4	WCDMA1700	Left Side, Middle ,10mm	2020/09/23
5	WCDMA850	Left Side, Middle ,10mm	2020/09/22
6	LTE Band2	Left Side, Middle ,10mm	2020/09/23
7	LTE Band4	Left Side, Middle ,10mm	2020/09/23
8	LTE Band5	Left Side, Middle ,10mm	2020/09/22
9	LTE Band7	Left Side, Middle ,10mm	2020/09/24
10	LTE Band12	Body Back, Middle ,10mm	2020/09/22
11	LTE Band13	Body Back, Middle ,10mm	2020/09/22
12	LTE Band25	Left Side, Middle ,10mm	2020/09/23
13	LTE Band26	Left Side, Middle ,10mm	2020/09/22
14	LTE Band66	Left Side, Middle ,10mm	2020/09/23
15	LTE Band71	Left Side, Middle ,10mm	2020/09/22
16	WIFI 2.4G 802.11b	Left Side, Middle ,10mm	2020/09/24
17	WIFI 5G 802.11a	Left Side, Middle ,10mm	2020/09/25
18	BT	Left Side, Middle ,10mm	2020/09/24

Plot 1: GPRS850, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/22/2020

Measurement duration: 22 minutes 10 seconds

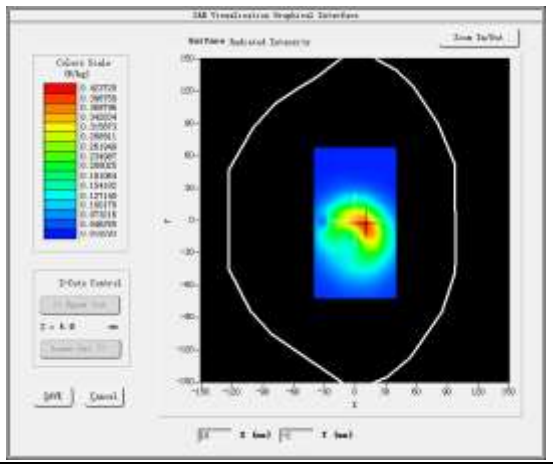
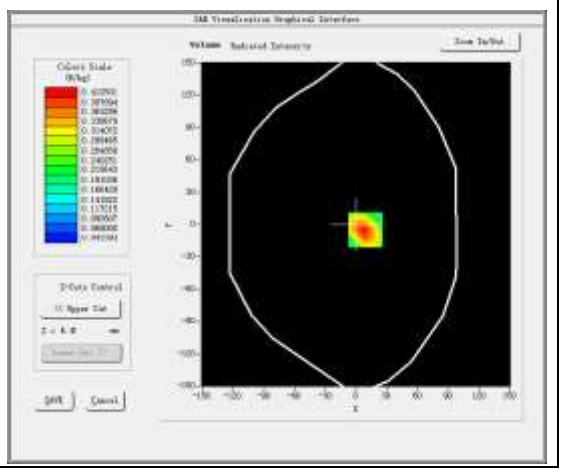
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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 (%)	-1.46
ConvF:	1.90

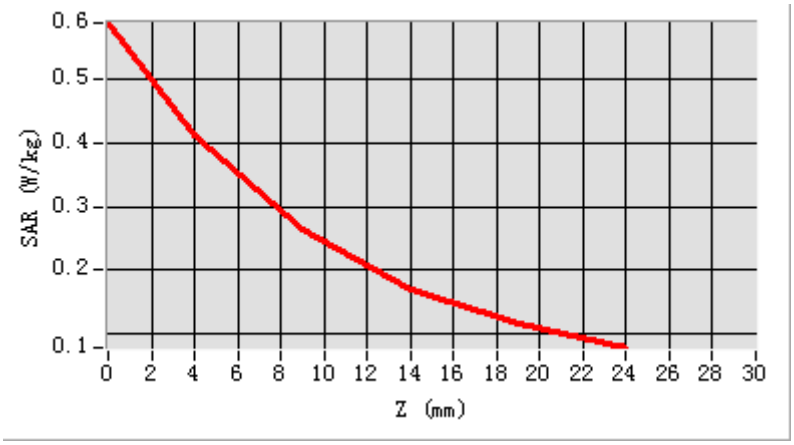
SURFACE SAR	**VOLUME SAR**
	

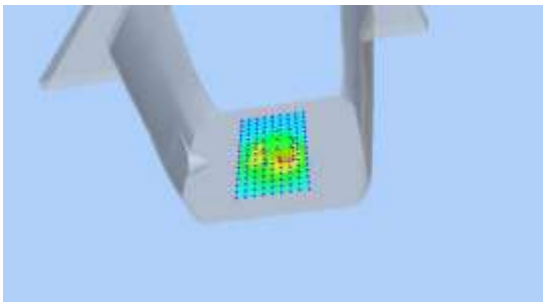
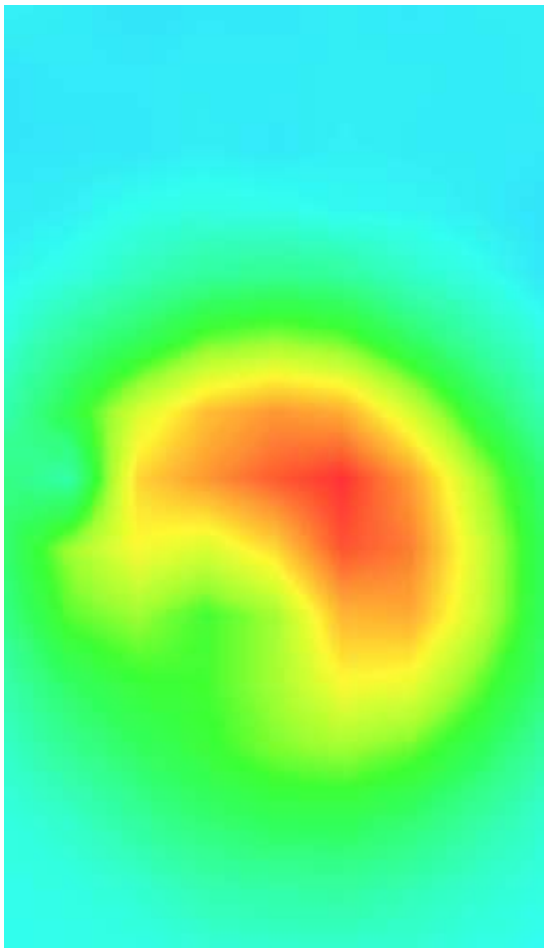
Maximum location: X=9.00, Y=-5.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.237584
SAR 1g (W/Kg)	0.390128

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5894	0.4125	0.2627	0.1706	0.1152



3D screen shot	Hot spot position
	

Plot 2: GPRS1900, Left Side, Middle ,10mm

Type: Phone measurement

Date of measurement: 09/23/2020

Measurement duration: 22 minutes 08 seconds

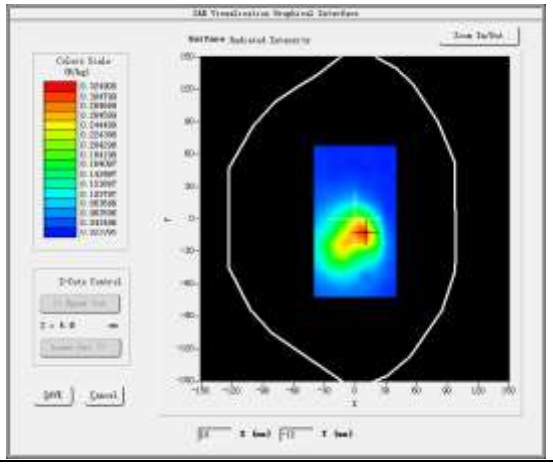
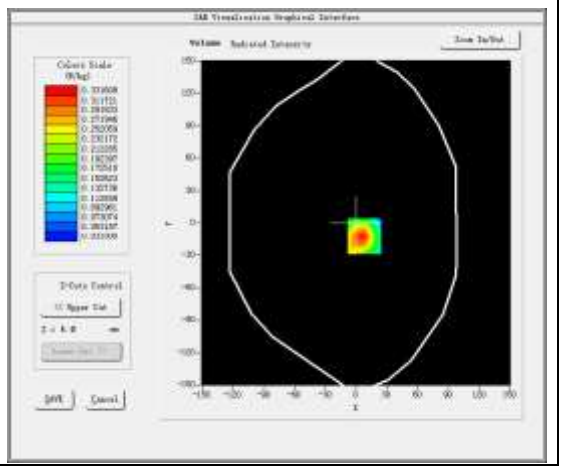
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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)	53.28
Relative permittivity (imaginary part)	14.31
Conductivity (S/m)	1.51
Variation (%)	-0.80
ConvF:	2.26

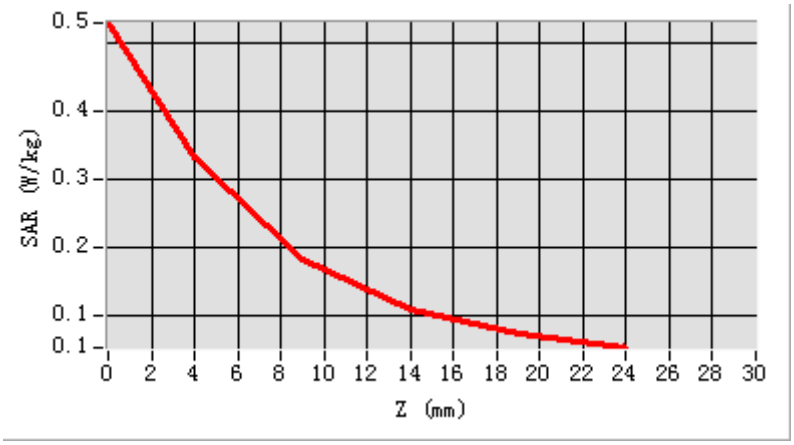
SURFACE SAR	**VOLUME SAR**
	

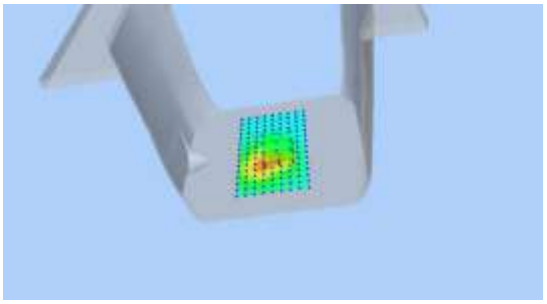
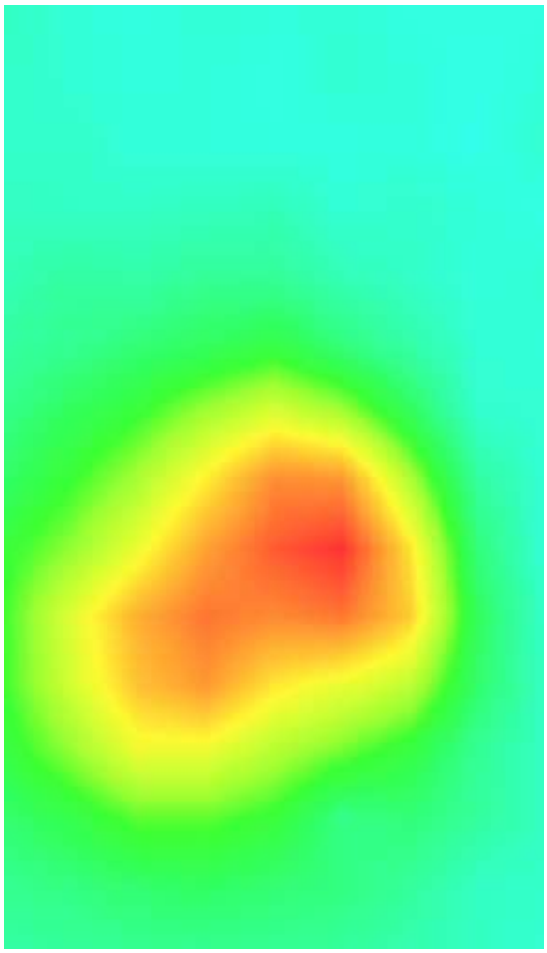
Maximum location: X=8.00, Y=-12.00

SAR Peak: 0.54 W/kg

SAR 10g (W/Kg)	0.177919
SAR 1g (W/Kg)	0.316975

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5305	0.3316	0.1825	0.1065	0.0709



3D screen shot	Hot spot position
	

Plot 3: WCDMA1900, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/23/2020

Measurement duration: 22 minutes 11 seconds

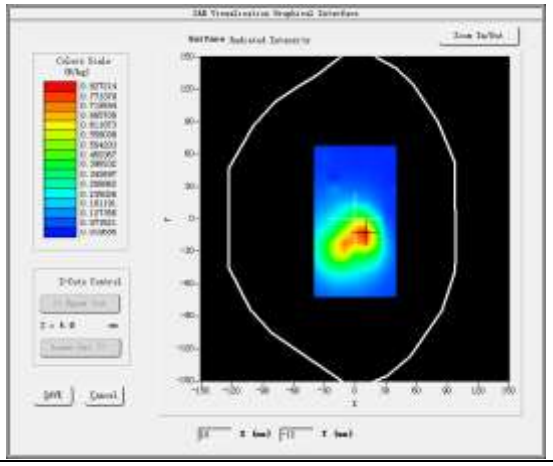
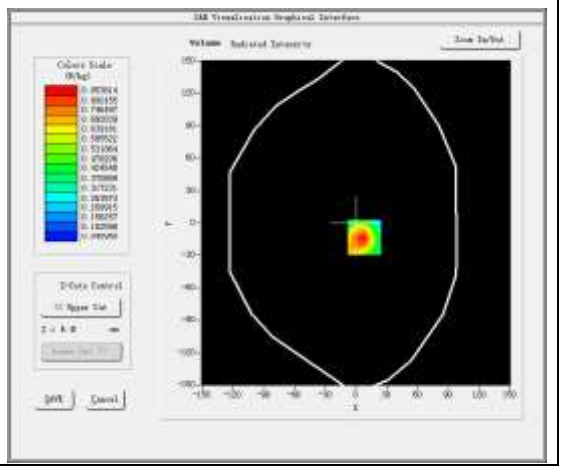
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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)	53.28
Relative permittivity (imaginary	14.31
Conductivity (S/m)	1.51
Variation (%)	-3.14
ConvF:	2.26

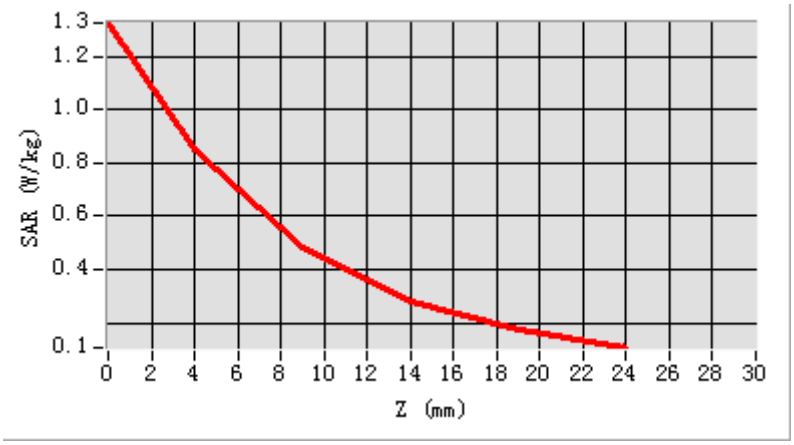
SURFACE SAR	**VOLUME SAR**
	

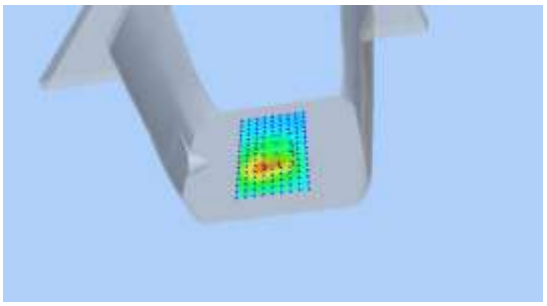
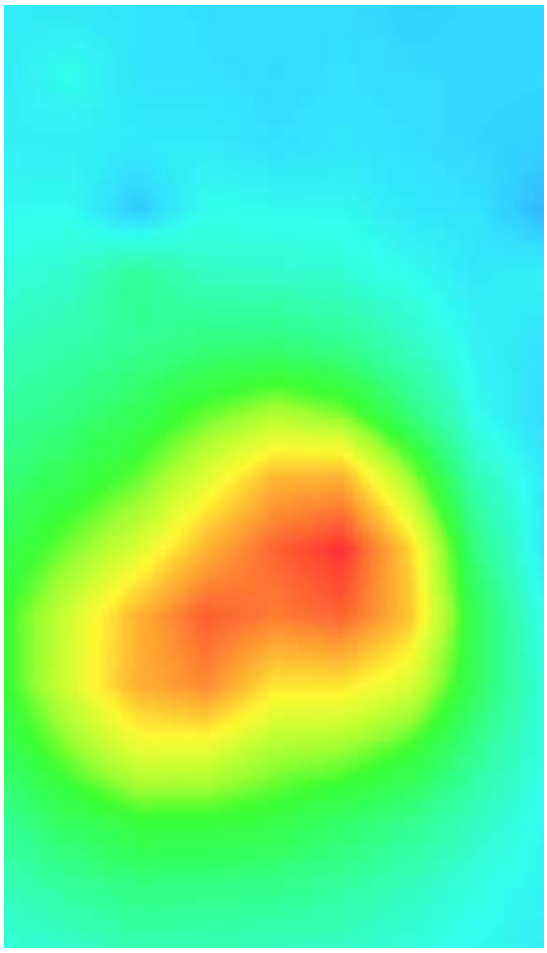
Maximum location: X=8.00, Y=-13.00

SAR Peak: 1.35W/kg

SAR 10g (W/Kg)	0.454711
SAR 1g (W/Kg)	0.813802

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3259	0.8538	0.4833	0.2788	0.1711



3D screen shot	Hot spot position
	

Plot 4: WCDMA1700, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/23/2020

Measurement duration: 22 minutes 17 seconds

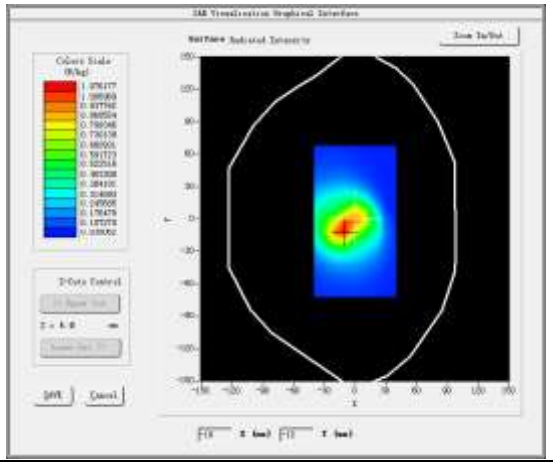
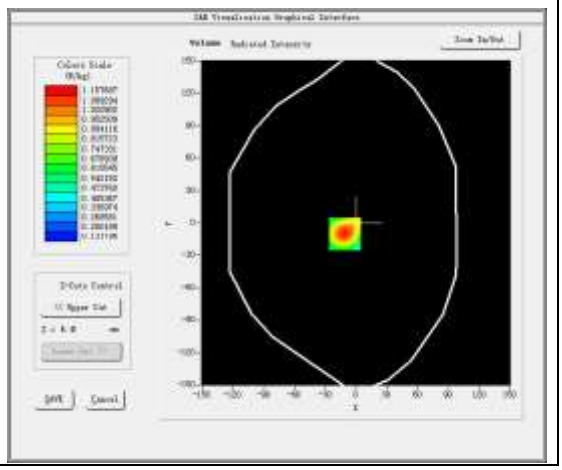
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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)	53.34
Relative permittivity (imaginary	15.60
Conductivity (S/m)	1.56
Variation (%)	-2.32
ConvF:	2.09

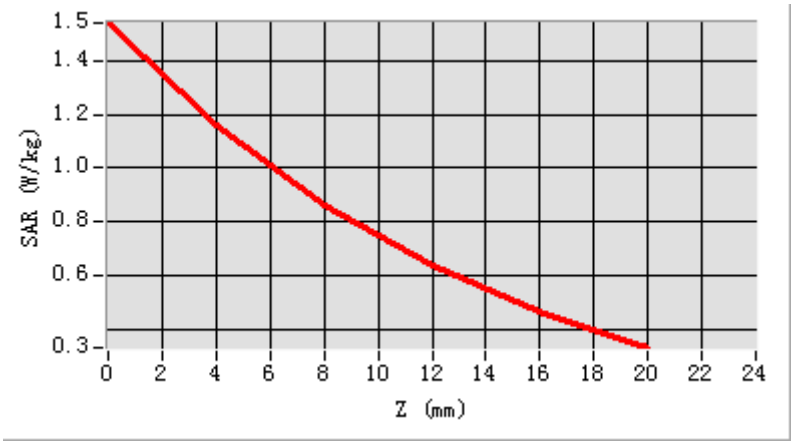
SURFACE SAR	**VOLUME SAR**
	

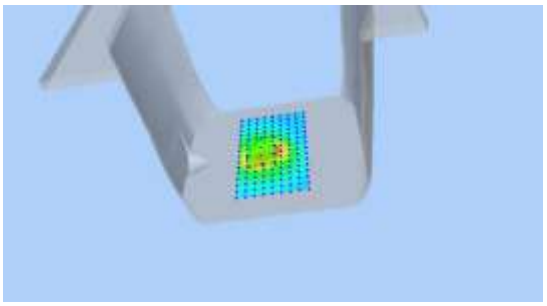
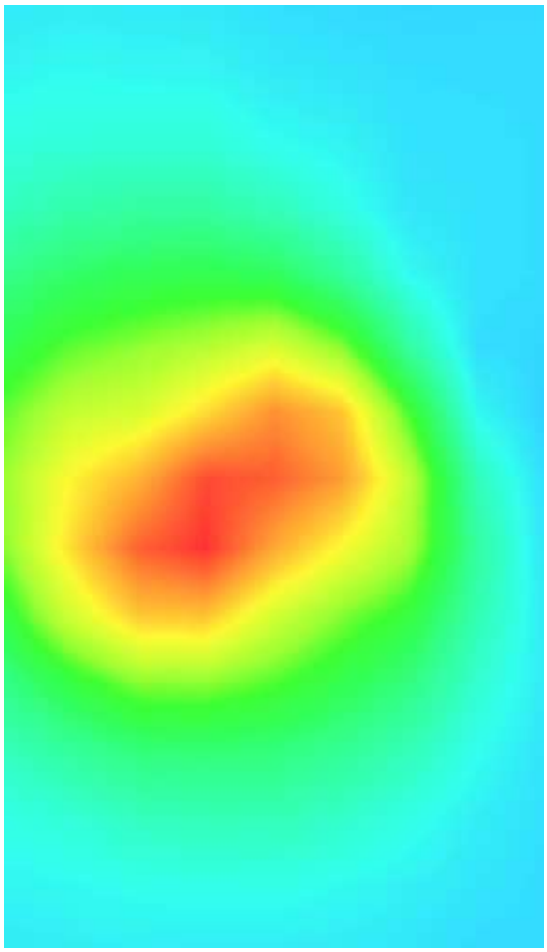
Maximum location: X=-11.00, Y=-10.00

SAR Peak: 1.54W/kg

SAR 10g (W/Kg)	0.666984
SAR 1g (W/Kg)	1.089630

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.5404	1.1577	0.8614	0.6365	0.4658



3D screen shot	Hot spot position
	

Plot 5: WCDMA850, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/22/2020

Measurement duration: 22 minutes 14 seconds

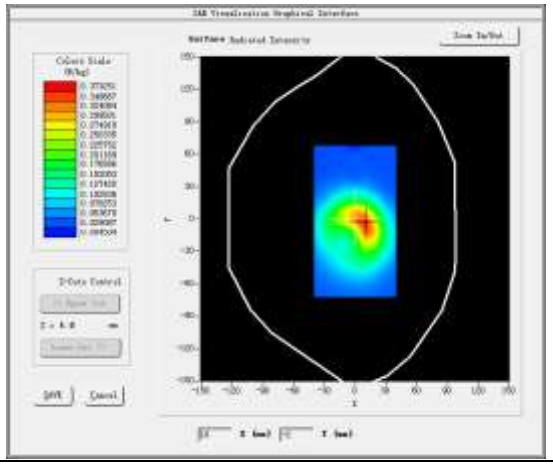
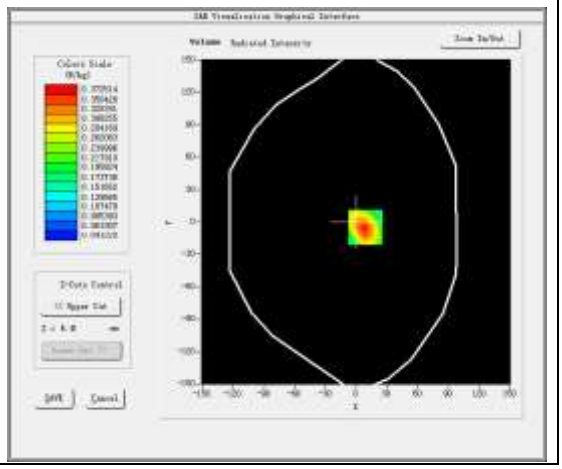
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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 (%)	-4.04
ConvF:	1.90

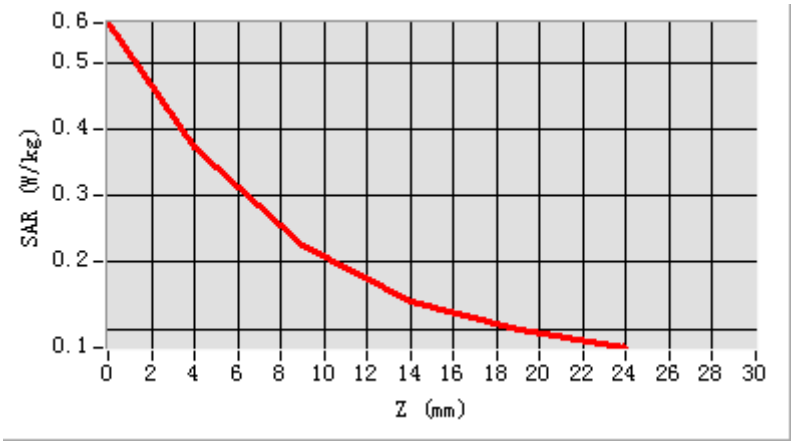
SURFACE SAR	**VOLUME SAR**
	

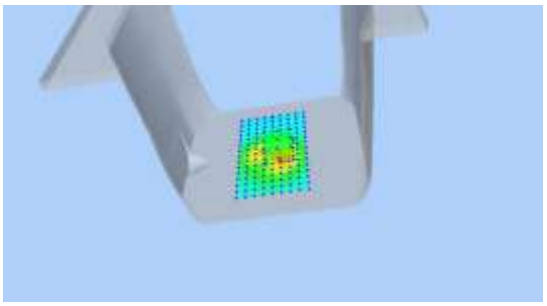
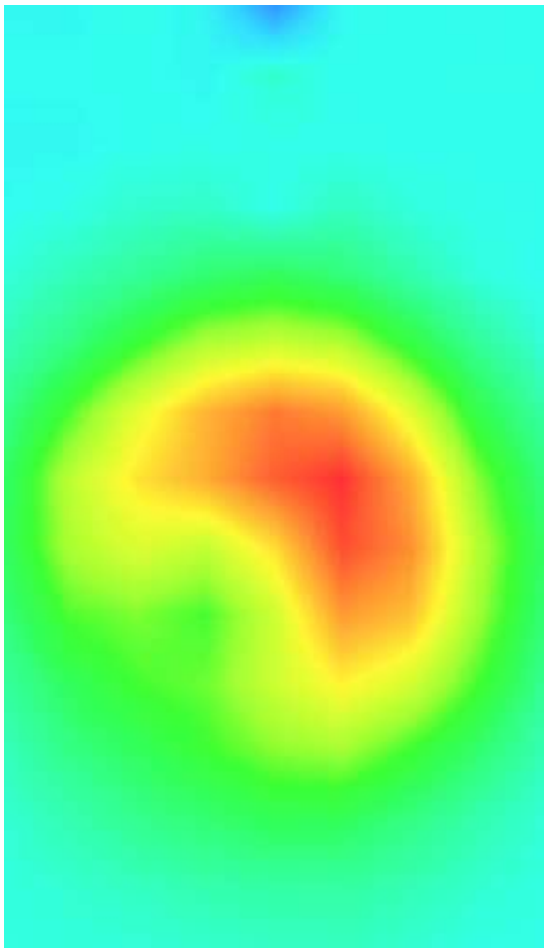
Maximum location: X=9.00, Y=-5.00

SAR Peak: 0.56W/kg

SAR 10g (W/Kg)	0.209986
SAR 1g (W/Kg)	0.352037

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5590	0.3725	0.2245	0.1421	0.0986



3D screen shot	Hot spot position
	

Plot 6: LTE Band2, 20MHz, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/23/2020

Measurement duration: 22 minutes 12 seconds

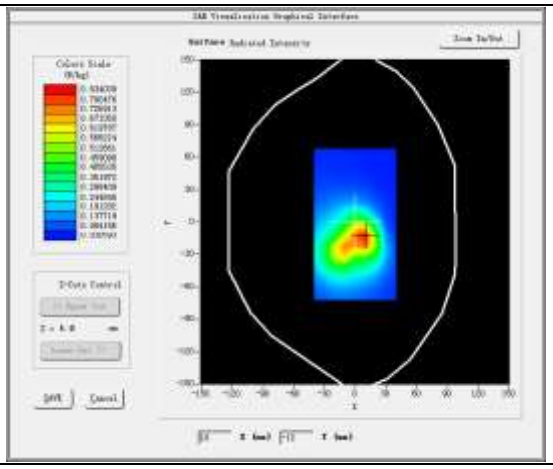
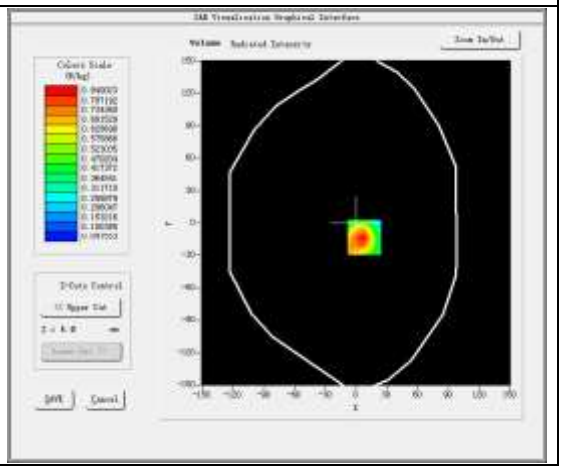
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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)	53.28
Relative permittivity (imaginary	14.31
Conductivity (S/m)	1.51
Variation (%)	-0.96
ConvF:	2.26

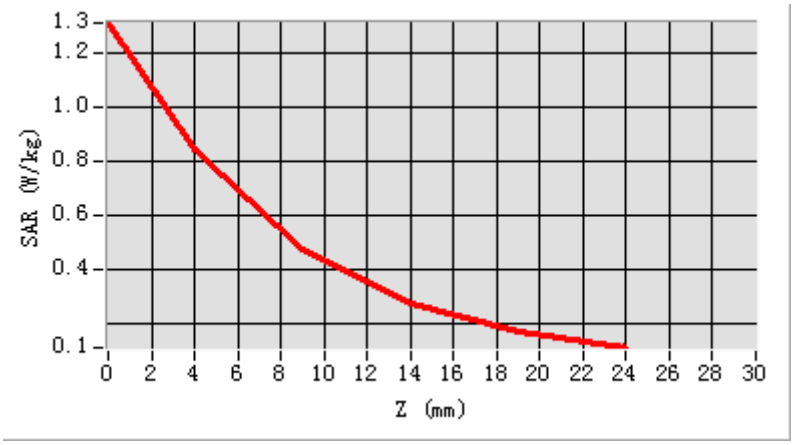
SURFACE SAR	VOLUME SAR
	

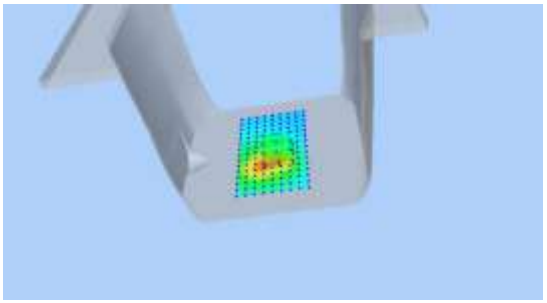
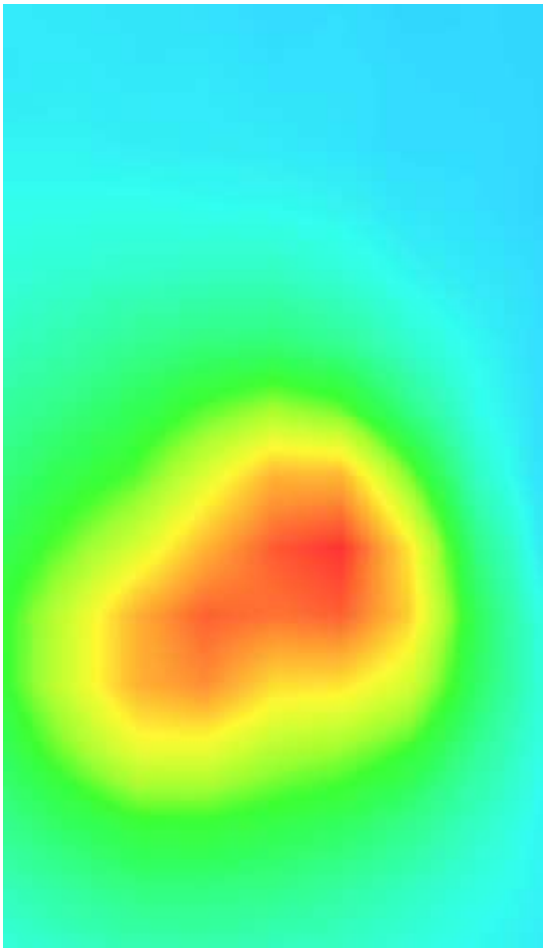
Maximum location: X=8.00, Y=-13.00

SAR Peak: 1.34W/kg

SAR 10g (W/Kg)	0.453744
SAR 1g (W/Kg)	0.805370

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3097	0.8400	0.4744	0.2755	0.1727



3D screen shot	Hot spot position
	

Plot 7: LTE Band4, 20MHz, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/23/2020

Measurement duration: 22 minutes 18 seconds

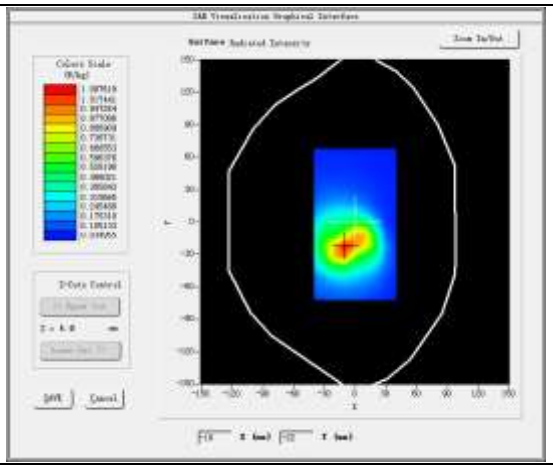
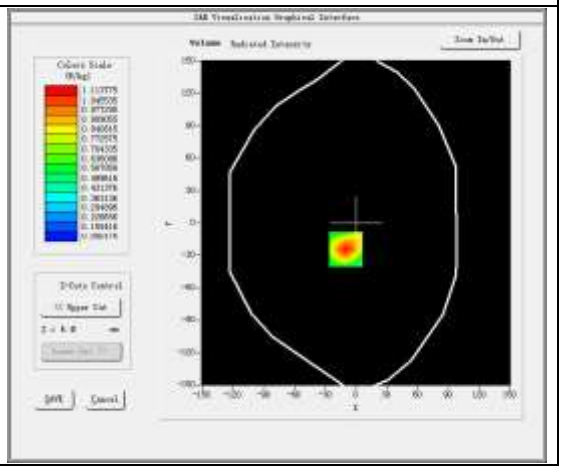
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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)	53.34
Relative permittivity (imaginary	15.60
Conductivity (S/m)	1.56
Variation (%)	-0.92
ConvF:	2.09

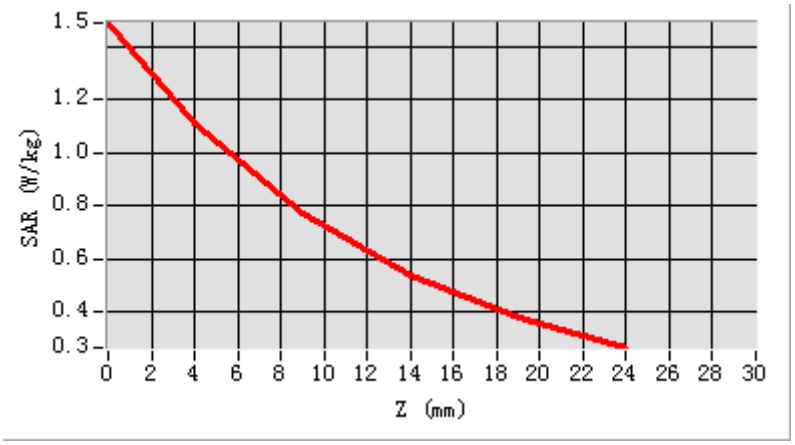
SURFACE SAR	**VOLUME SAR**
	

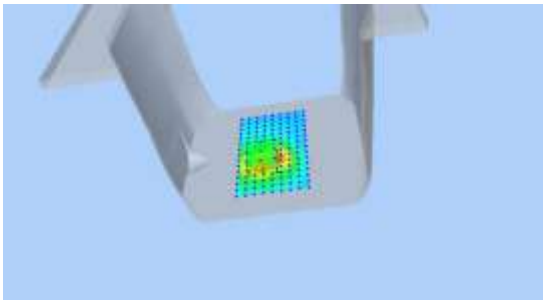
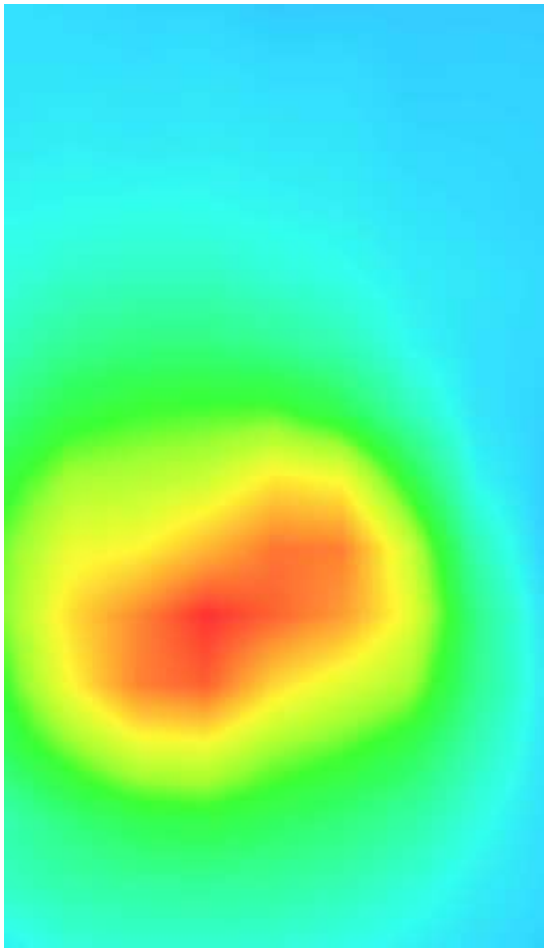
Maximum location: X=-10.00, Y=-24.00

SAR Peak: 1.49W/kg

SAR 10g (W/Kg)	0.656372
SAR 1g (W/Kg)	1.064065

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.4893	1.1138	0.7719	0.5398	0.3833



3D screen shot	Hot spot position
	

Plot 8: LTE Band5, 10MHz, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/22/2020

Measurement duration: 22 minutes 15 seconds

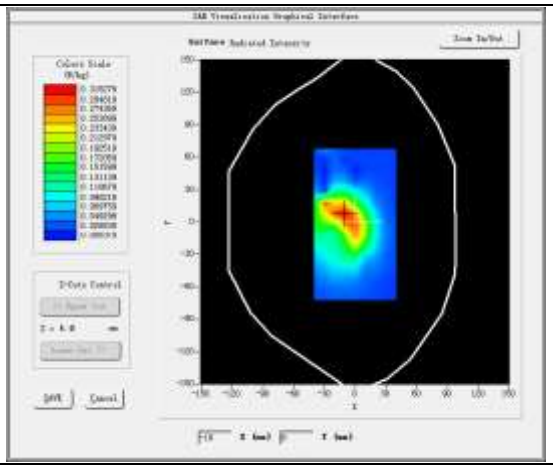
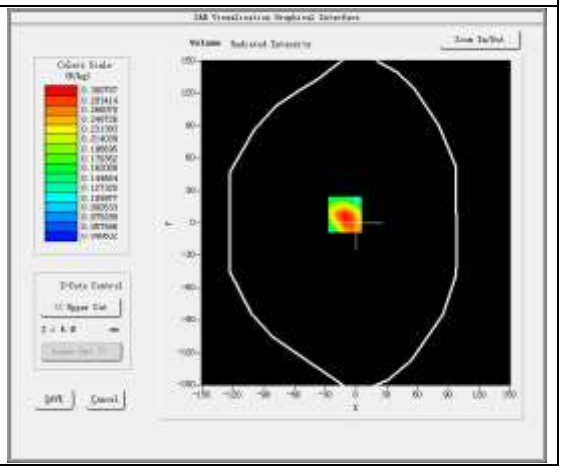
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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 (%)	3.21
ConvF:	1.90

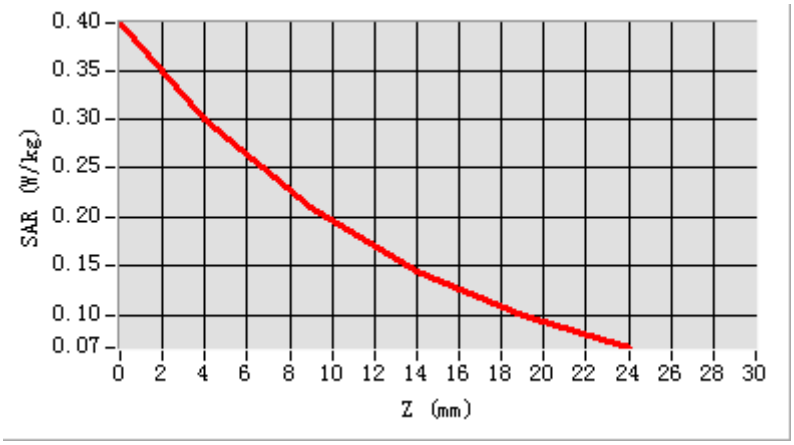
SURFACE SAR	**VOLUME SAR**
	

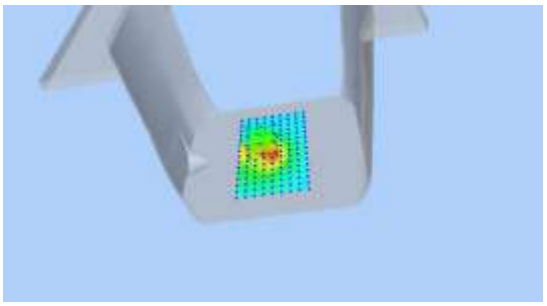
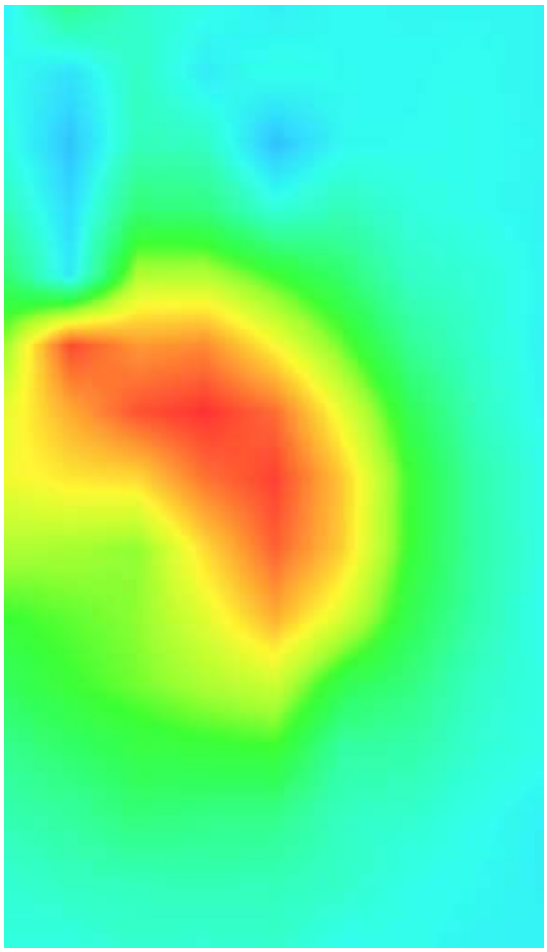
Maximum location: X=-11.00, Y=8.00

SAR Peak: 0.43W/kg

SAR 10g (W/Kg)	0.189966
SAR 1g (W/Kg)	0.290390

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3983	0.3008	0.2096	0.1453	0.1003



3D screen shot	Hot spot position
	

Plot 9: LTE Band7, 20MHz, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/24/2020

Measurement duration: 22 minutes 16 seconds

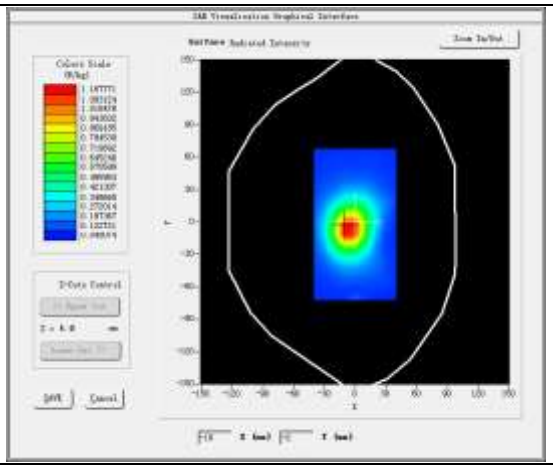
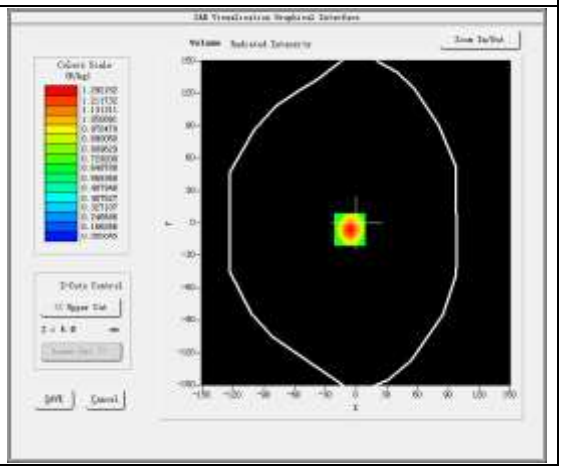
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Left Side
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)	52.50
Relative permittivity (imaginary	14.95
Conductivity (S/m)	2.16
Variation (%)	-2.26
ConvF:	2.25

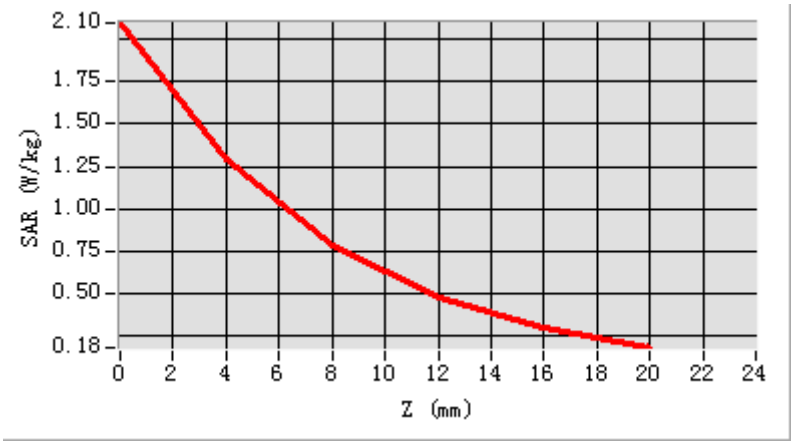
SURFACE SAR	**VOLUME SAR**
	

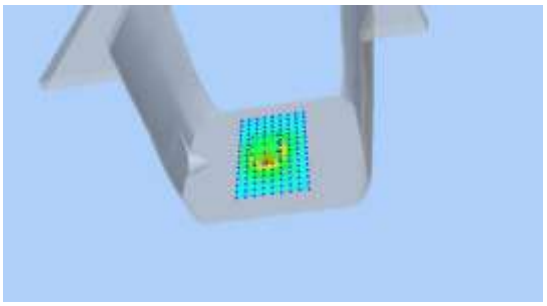
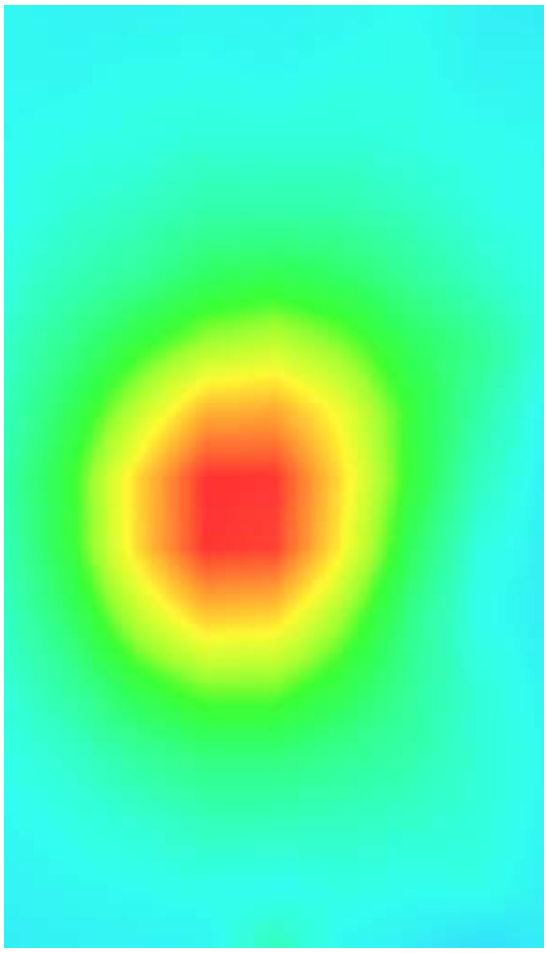
Maximum location: X=-6.00 Y=-6.00

SAR Peak: 2.10 W/kg

SAR 10g (W/Kg)	0.628178
SAR 1g (W/Kg)	1.191260

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	2.0985	1.2922	0.7803	0.4735	0.2946



3D screen shot	Hot spot position
	

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

Type: Phone measurement

Date of measurement: 09/22/2020

Measurement duration: 22 minutes 19 seconds

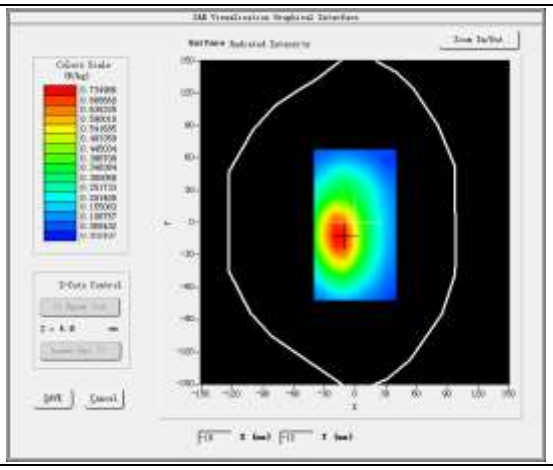
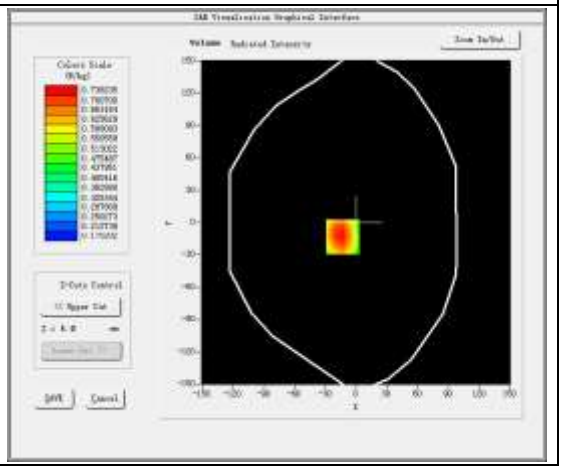
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	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)	55.51
Relative permittivity (imaginary	23.04
Conductivity (S/m)	0.96
Variation (%)	-0.82
ConvF:	1.88

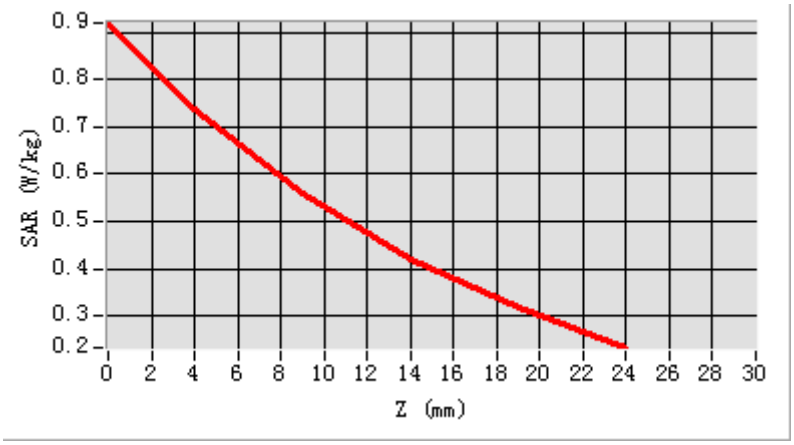
SURFACE SAR	**VOLUME SAR**
	

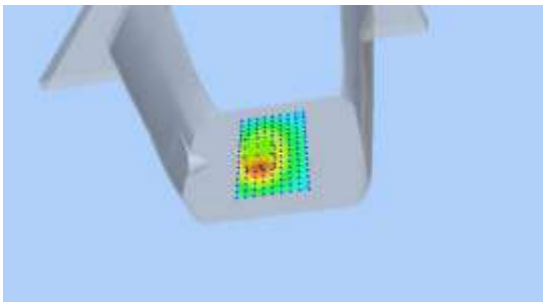
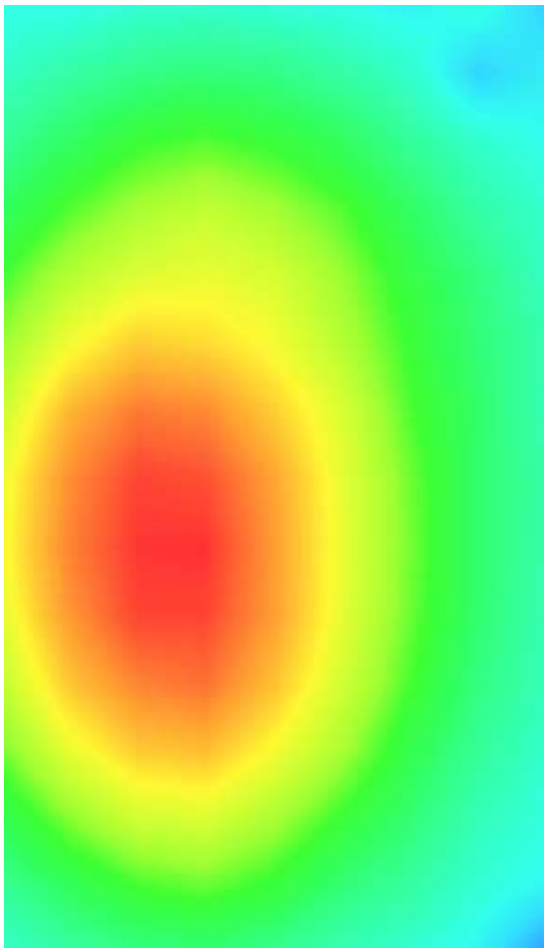
Maximum location: X=-13.00, Y=-13.00

SAR Peak: 0.93W/kg

SAR 10g (W/Kg)	0.515845
SAR 1g (W/Kg)	0.727056

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9195	0.7382	0.5582	0.4214	0.3173



3D screen shot	Hot spot position
	

Plot 11: LTE Band13, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 09/22/2020

Measurement duration: 22 minutes 13 seconds

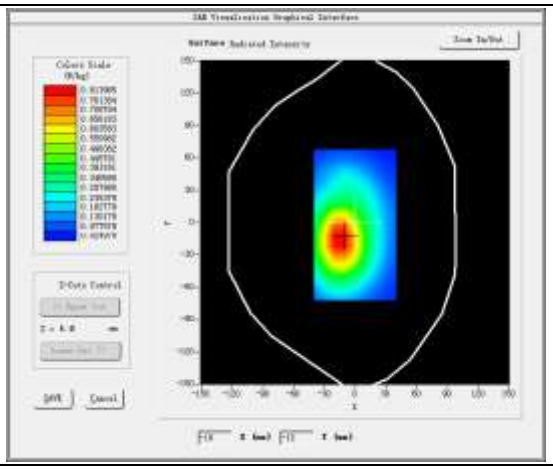
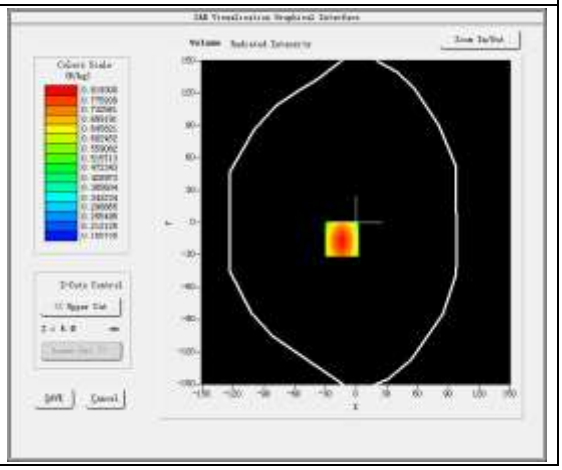
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	782
Relative permittivity (real part)	55.51
Relative permittivity (imaginary	23.04
Conductivity (S/m)	0.96
Variation (%)	-1.59
ConvF:	1.88

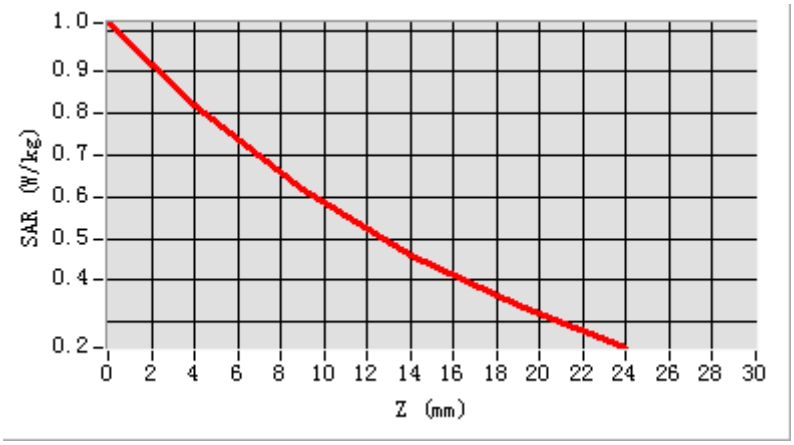
SURFACE SAR	**VOLUME SAR**
	

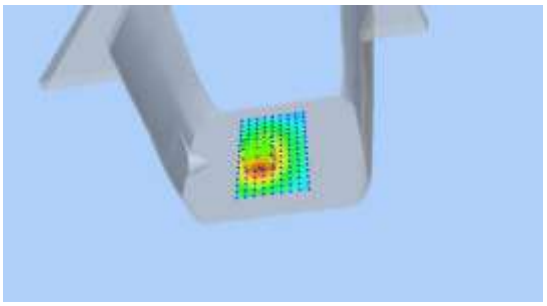
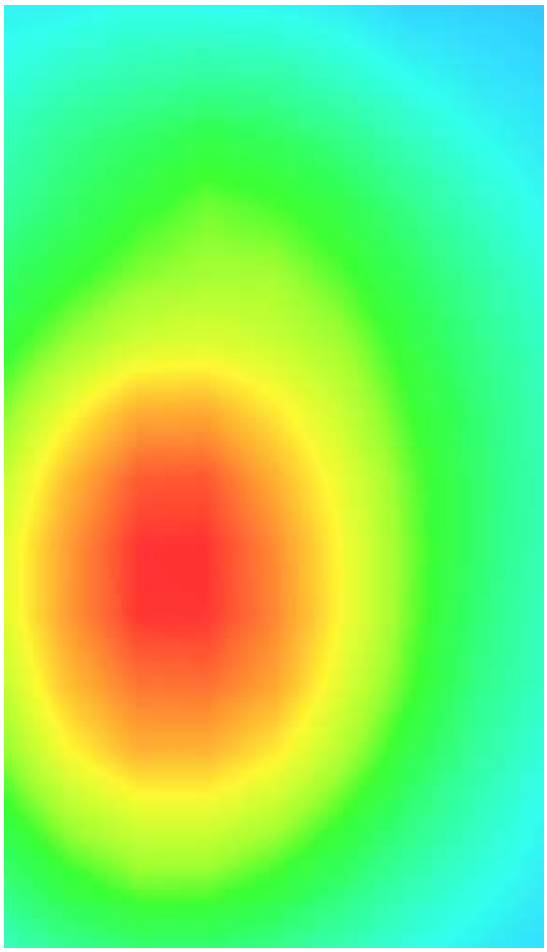
Maximum location: X=-14.00, Y=-15.00

SAR Peak: 1.02W/kg

SAR 10g (W/Kg)	0.567519
SAR 1g (W/Kg)	0.809810

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0169	0.8193	0.6183	0.4609	0.3379



3D screen shot	Hot spot position
	

Plot 12: LTE Band25, 20MHz, Left Side, Middle,10mm

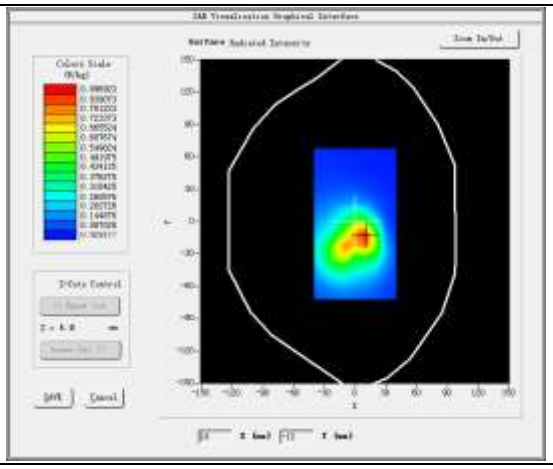
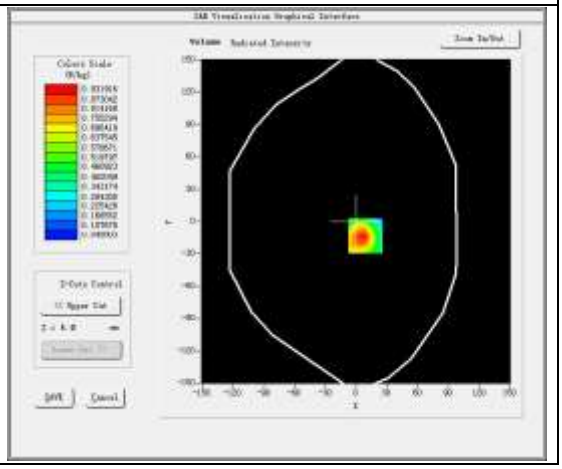
Type: Phone measurement
Date of measurement: 09/23/2010
Measurement duration: 22 minutes 20 seconds
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
Band	LTE Band 25
Channels	26365
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1882.5
Relative permittivity (real part)	53.28
Relative permittivity (imaginary	14.31
Conductivity (S/m)	1.51
Variation (%)	-1.75
ConvF:	2.26

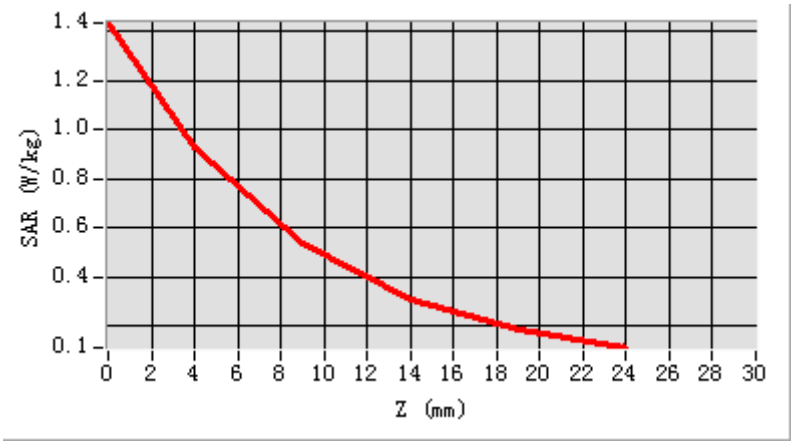
SURFACE SAR	**VOLUME SAR**
	

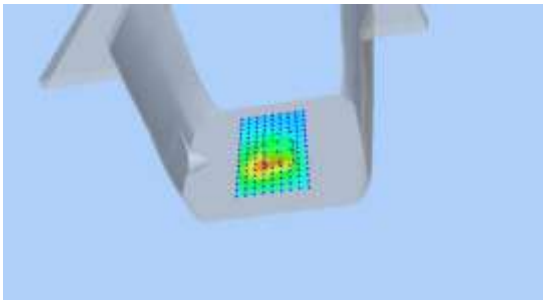
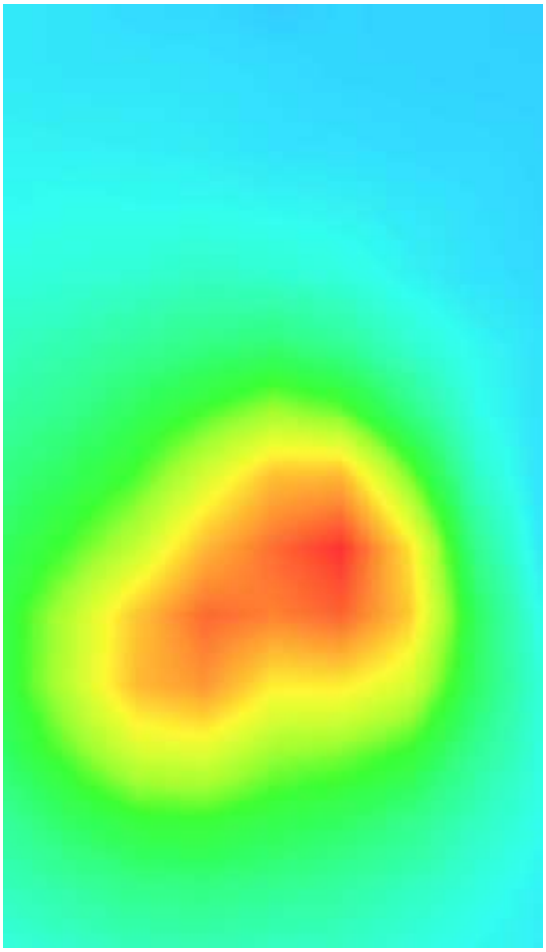
Maximum location: X=9.00, Y=-13.00

SAR Peak: 1.48W/kg

SAR 10g (W/Kg)	0.498445
SAR 1g (W/Kg)	0.904481

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.4338	0.9319	0.5329	0.3083	0.1870



3D screen shot	Hot spot position
	

Plot 13: LTE Band26, 10MHz, Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/22/2020

Measurement duration: 22 minutes 24 seconds

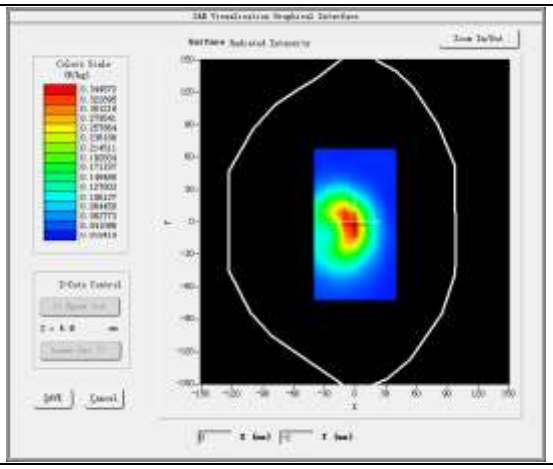
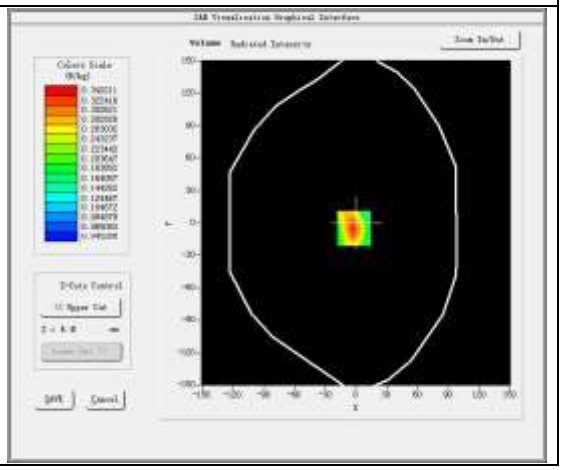
Mobile Phone IMEI number: --

A. Experimental conditions.

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

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	831.5
Relative permittivity (real part)	55.19
Relative permittivity (imaginary	20.91
Conductivity (S/m)	0.97
Variation (%)	1.62
ConvF:	1.90

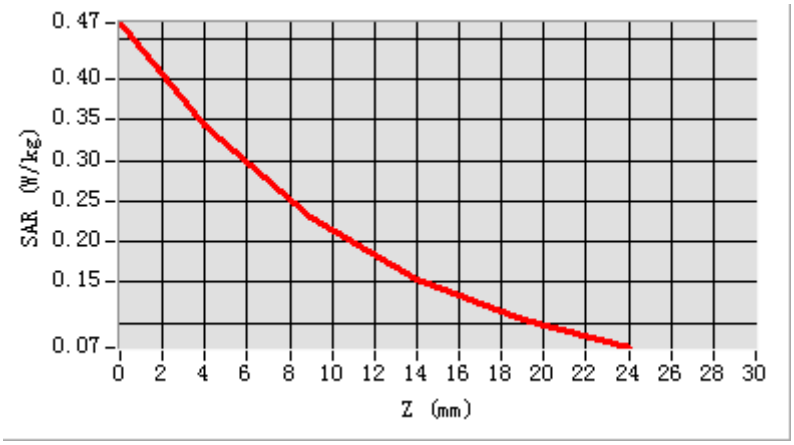
SURFACE SAR	**VOLUME SAR**
	

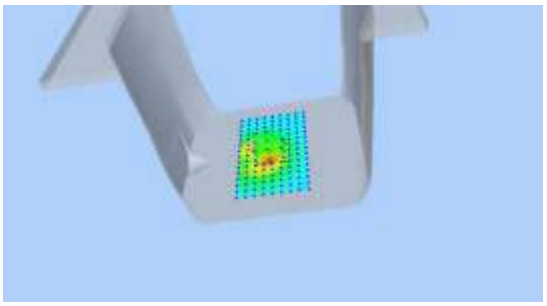
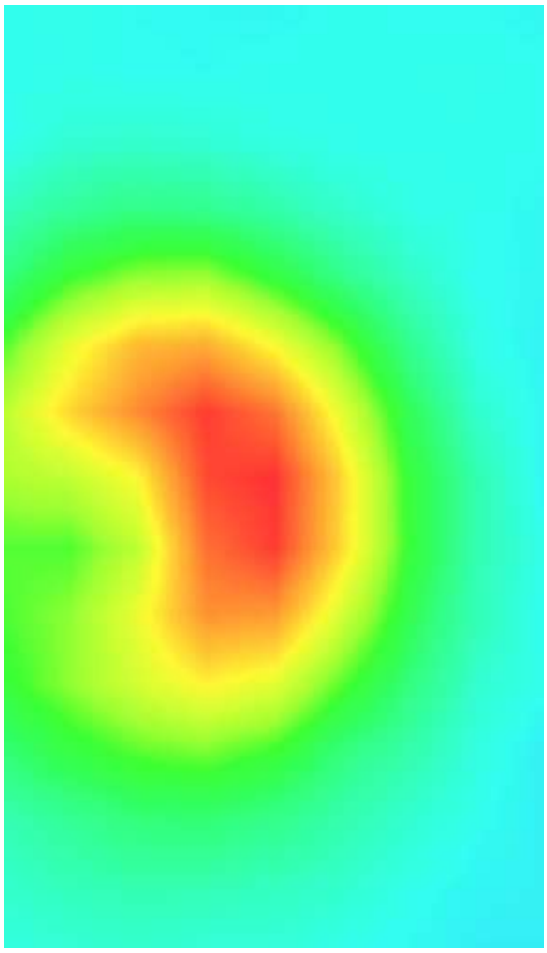
Maximum location: X=-2.00, Y=-5.00

SAR Peak: 0.47W/kg

SAR 10g (W/Kg)	0.198485
SAR 1g (W/Kg)	0.320616

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4687	0.3422	0.2292	0.1542	0.1050



3D screen shot	Hot spot position
	

Plot 14: LTE Band66, 20MHz, Left Side , Middle,10mm

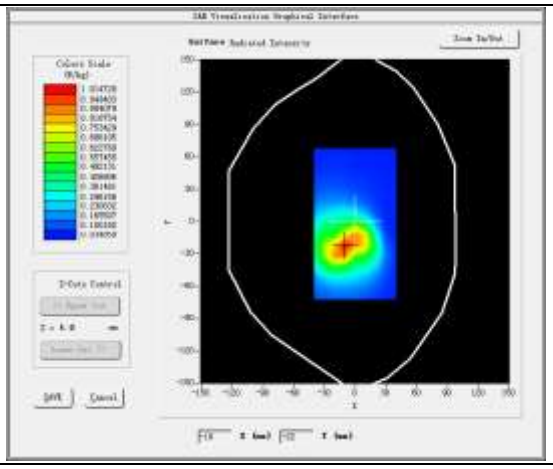
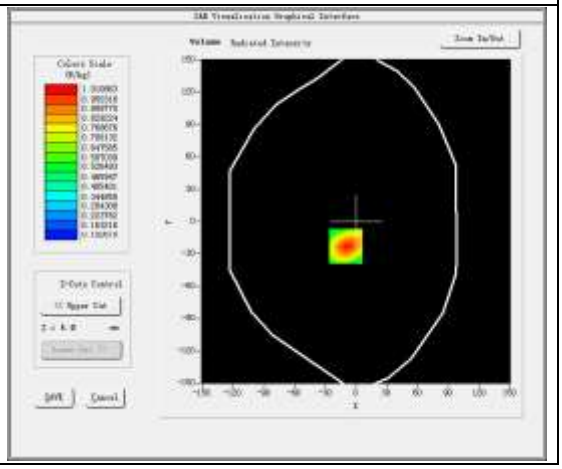
Type: Phone measurement
Date of measurement: 09/23/2020
Measurement duration: 22 minutes 21 seconds
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
Band	LTE Band 66
Channels	132197
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.34
Relative permittivity (imaginary	15.60
Conductivity (S/m)	1.56
Variation (%)	-0.26
ConvF:	2.09

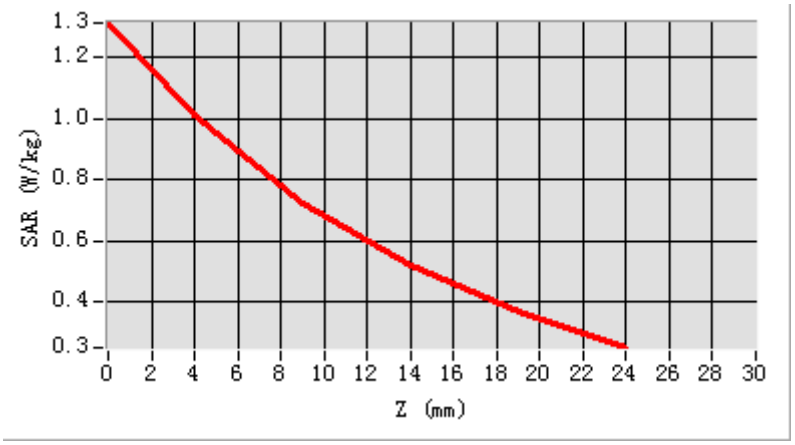
SURFACE SAR	**VOLUME SAR**
	

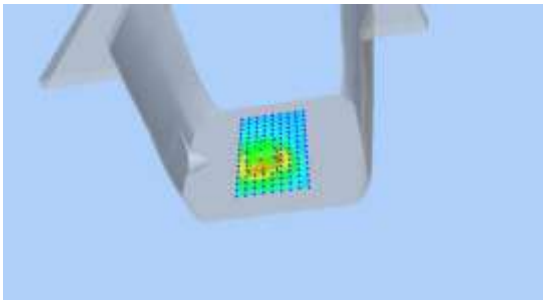
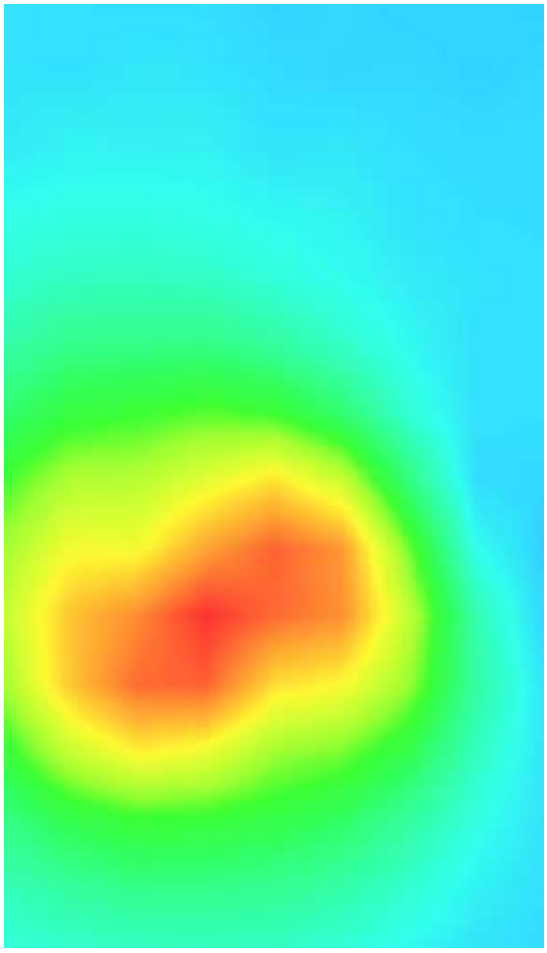
Maximum location: X=-10.00, Y=-23.00

SAR Peak: 1.32W/kg

SAR 10g (W/Kg)	0.619625
SAR 1g (W/Kg)	0.971962

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3106	1.0109	0.7244	0.5168	0.3668



3D screen shot	Hot spot position
	

Plot 15: LTE Band71, 20MHz, Left Side , Middle,10mm

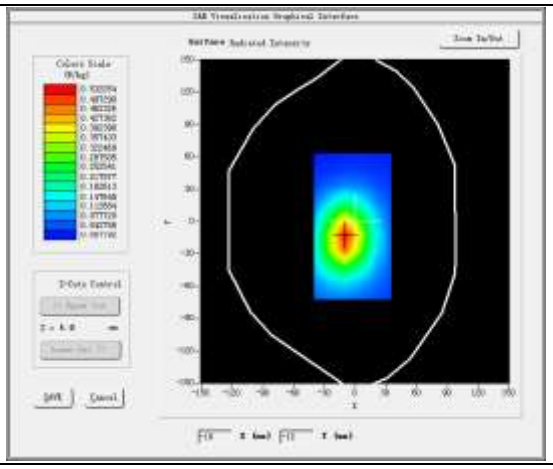
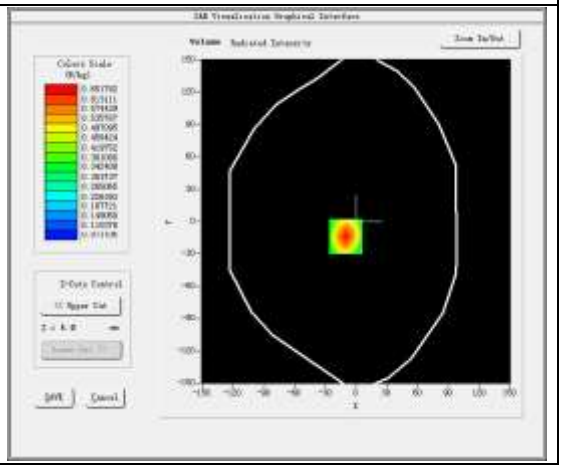
Type: Phone measurement
Date of measurement: 09/22/2020
Measurement duration: 22 minutes 21 seconds
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
Band	LTE Band 71
Channels	133322
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	683
Relative permittivity (real part)	55.93
Relative permittivity (imaginary	24.48
Conductivity (S/m)	0.93
Variation (%)	-0.57
ConvF:	1.88

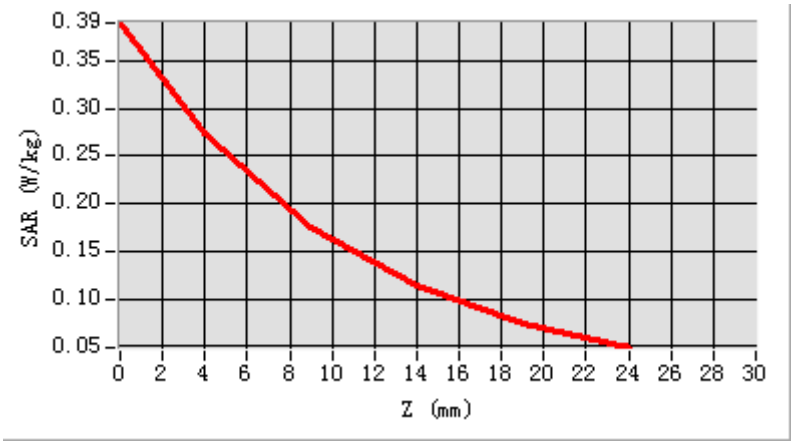
SURFACE SAR	**VOLUME SAR**
	

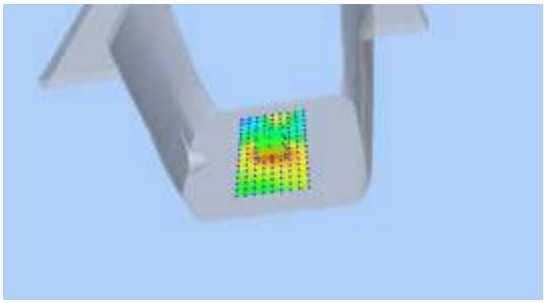
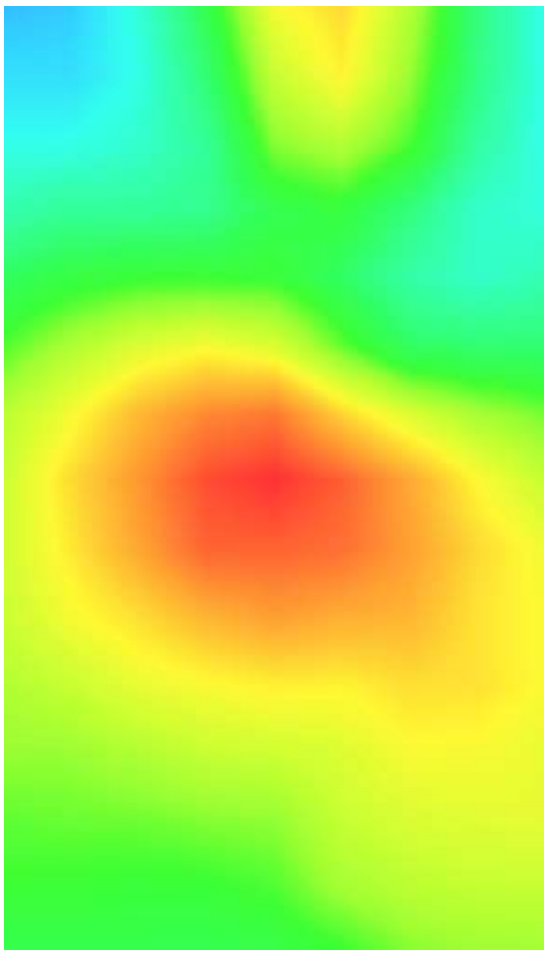
Maximum location: X=-10.00, Y=-14.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.168331
SAR 1g (W/Kg)	0.312756

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3894	0.2741	0.1752	0.1132	0.0750



3D screen shot	Hot spot position
	

Plot 16: Wi-Fi 802.11b, Left Side ,Middle, 10mm

Type: Phone measurement

Date of measurement: 09/24/2020

Measurement duration: 22 minutes 22 seconds

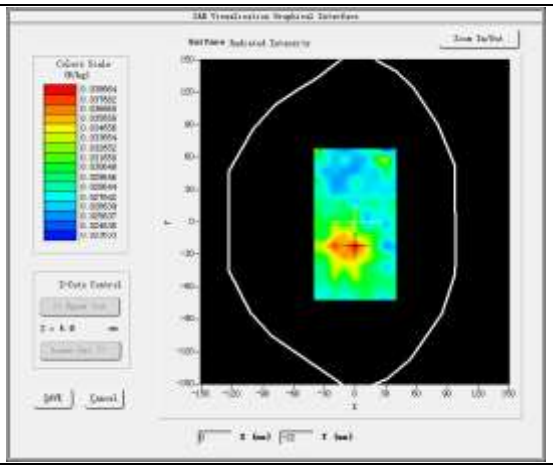
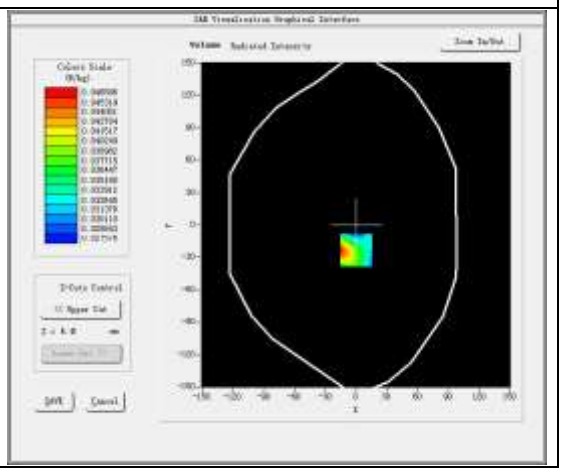
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Left Side
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)	52.72
Relative permittivity (imaginary	14.40
Conductivity (S/m)	1.96
Variation (%)	1.48
ConvF:	2.47

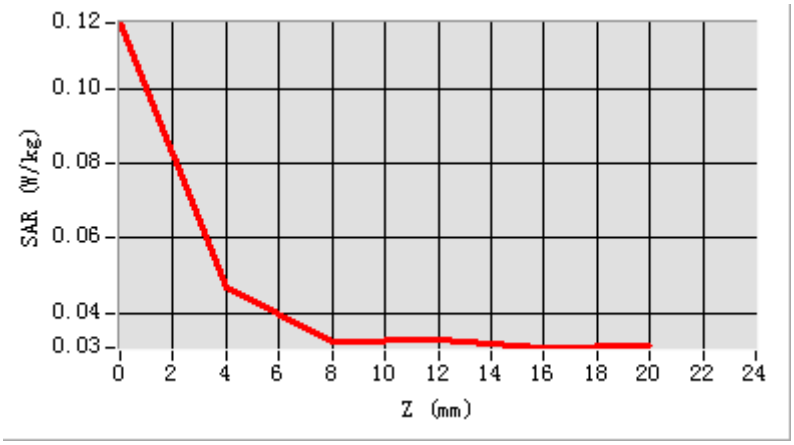
SURFACE SAR	**VOLUME SAR**
	

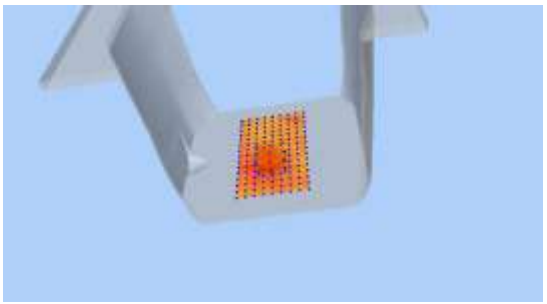
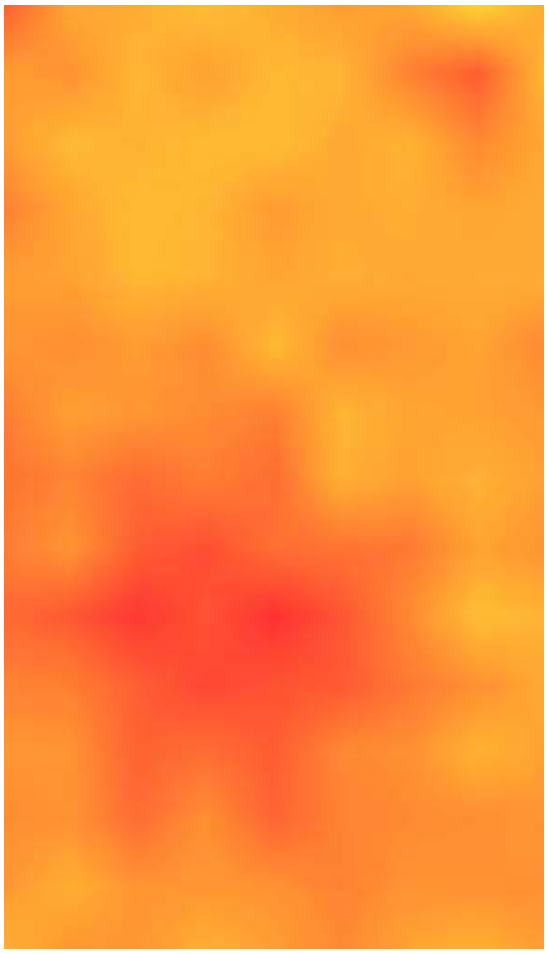
Maximum location: X=0.00 Y=-23.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.035844
SAR 1g (W/Kg)	0.042561

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1179	0.0466	0.0320	0.0327	0.0306



3D screen shot	Hot spot position
	

Plot 17: WIFI 5G 802.11a(20MHz), Left Side, Middle,10mm

Type: Phone measurement

Date of measurement: 09/25/2020

Measurement duration: 22 minutes 25 seconds

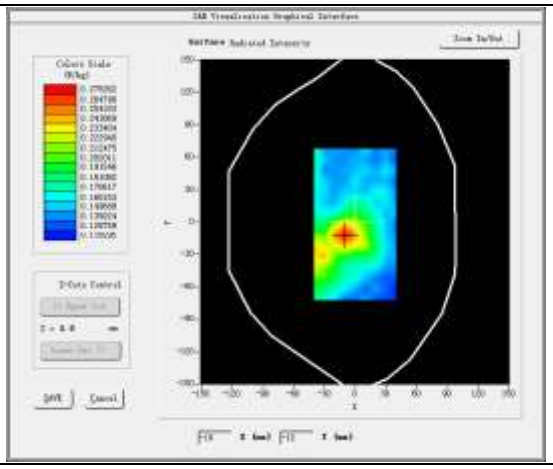
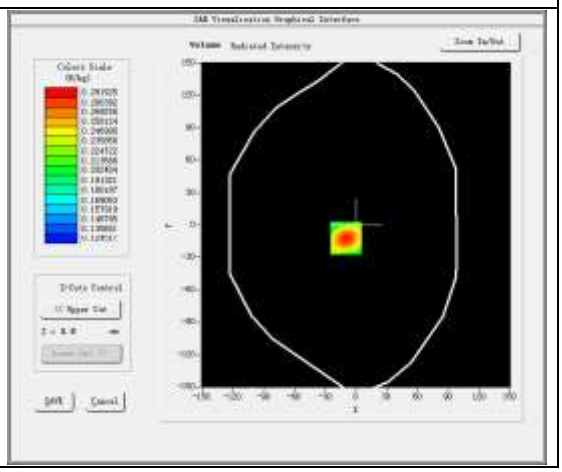
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Left Side
Band	WIFI 5G
Channels	149
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5745
Relative permittivity (real part)	48.22
Relative permittivity (imaginary	18.65
Conductivity (S/m)	6.01
Variation (%)	-4.61
ConvF:	2.34

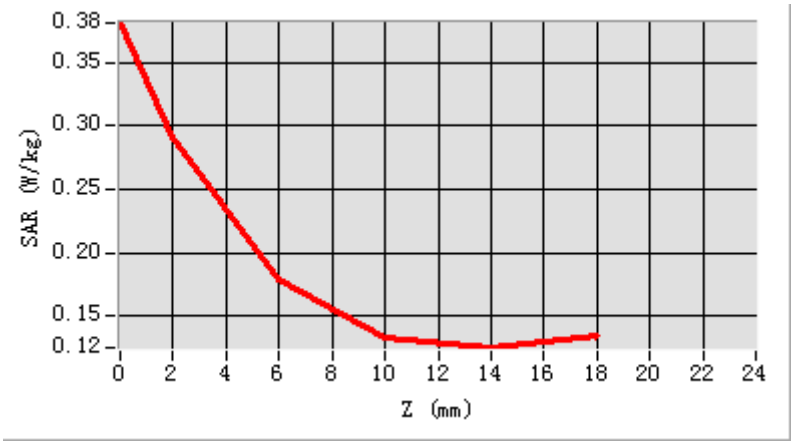
SURFACE SAR	**VOLUME SAR**
	

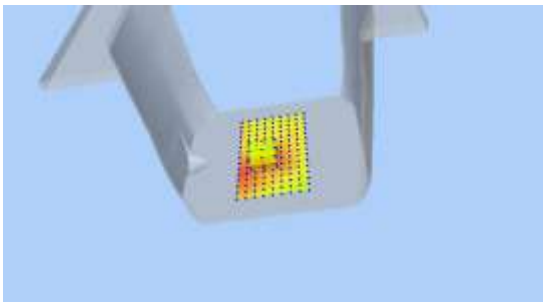
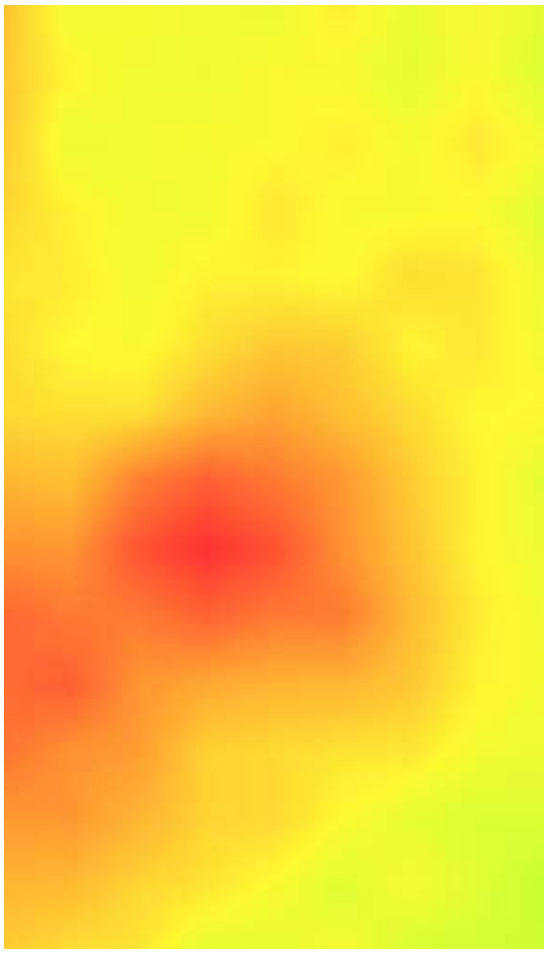
Maximum location: X=-10.00 Y=-12.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.168993
SAR 1g (W/Kg)	0.221450

Z (mm)	0.00	2.00	6.00	10.00	14.00
SAR (W/Kg)	0.3816	0.2915	0.1793	0.1325	0.1249



3D screen shot	Hot spot position
	

Plot 18: BT, Left Side, Middle, 10mm

Type: Phone measurement

Date of measurement: 09/24/2020

Measurement duration: 22 minutes 23 seconds

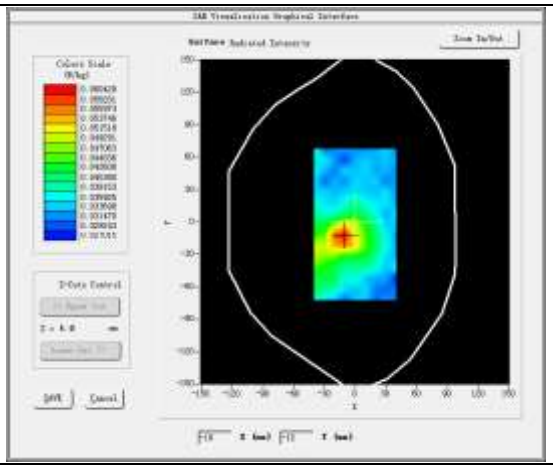
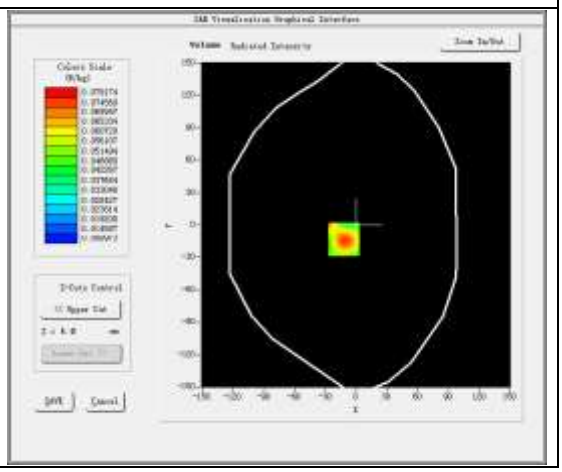
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Side
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)	52.72
Relative permittivity (imaginary	14.40
Conductivity (S/m)	1.96
Variation (%)	-1.30
ConvF:	2.47

SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=-12.00 Y=-13.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.047552
SAR 1g (W/Kg)	0.076611

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	4.0000	0.0385	0.0337	0.0792	-11.5567

3D screen shot	Hot spot position