Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	750	2019-12-02
System Check	Body	750	2019-12-02
System Check	Head	835	2019-12-03
System Check	Body	835	2019-12-03
System Check	Head	1800	2019-12-05
System Check	Body	1800	2019-12-05
System Check	Head	1900	2019-12-06
System Check	Body	1900	2019-12-06
System Check	Head	2450	2019-12-09
System Check	Body	2450	2019-12-09
System Check	Head	2600	2019-12-10
System Check	Body	2600	2019-12-10
System Check	Head	5200	2019-12-11
System Check	Body	5200	2019-12-11
System Check	Head	5400	2019-12-12
System Check	Body	5400	2019-12-12
System Check	Head	5600	2019-12-13
System Check	Body	5600	2019-12-13
System Check	Head	5800	2019-12-14
System Check	Body	5800	2019-12-14

System Performance Check (Head, 750MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/03/2019

Measurement duration: 22 minutes 05 seconds

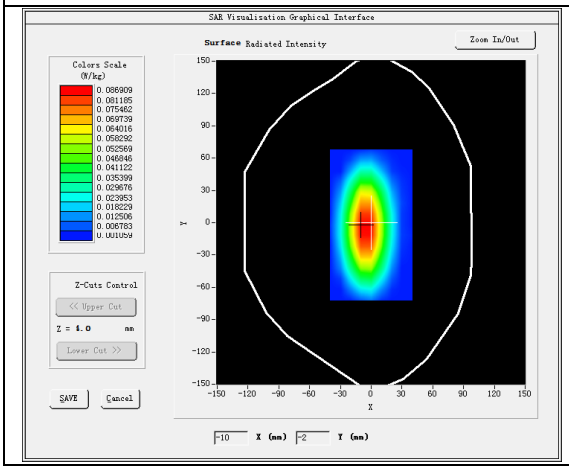
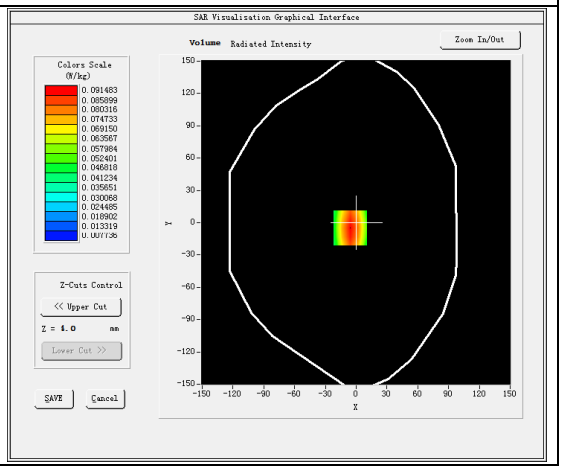
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	750MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	750
Relative permittivity (real part)	41.92
Relative permittivity	21.84
Conductivity (S/m)	0.91
Power drift (%)	-1.74
Ambient Temperature:	22.2°C
Liquid Temperature:	22.6°C
ConvF:	1.87
Crest factor:	1:1

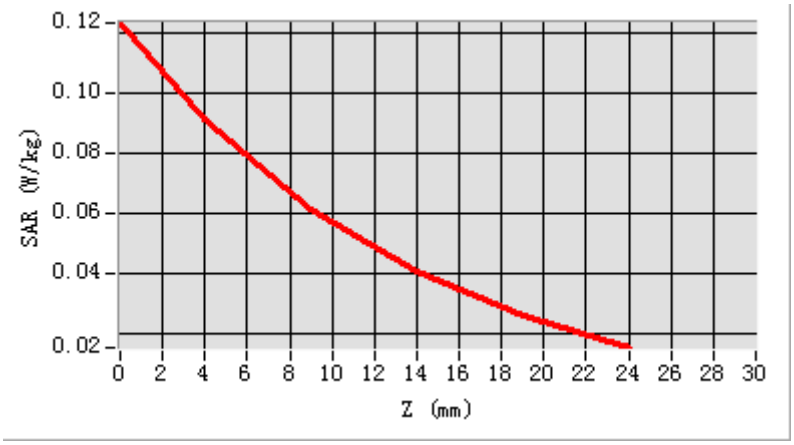
SURFACE SAR	**VOLUME SAR**
	

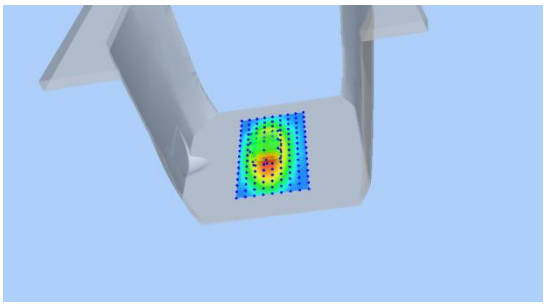
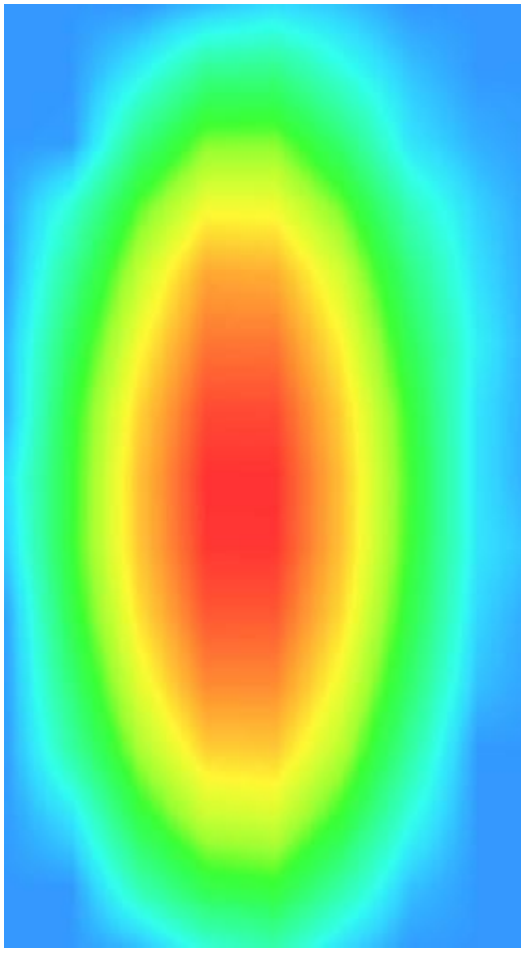
Maximum location: X=-6.00, Y=-5.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.054179
SAR 1g (W/Kg)	0.086709

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1235	0.0915	0.0615	0.0404	0.0257



3D screen shot	Hot spot position
	

System Performance Check (Body, 750MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/03/2019

Measurement duration: 22 minutes 02 seconds

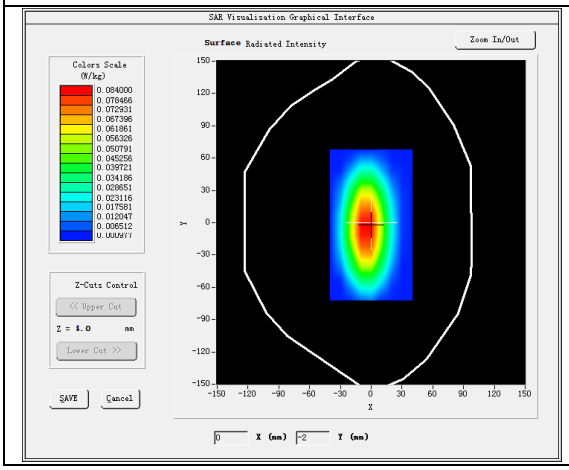
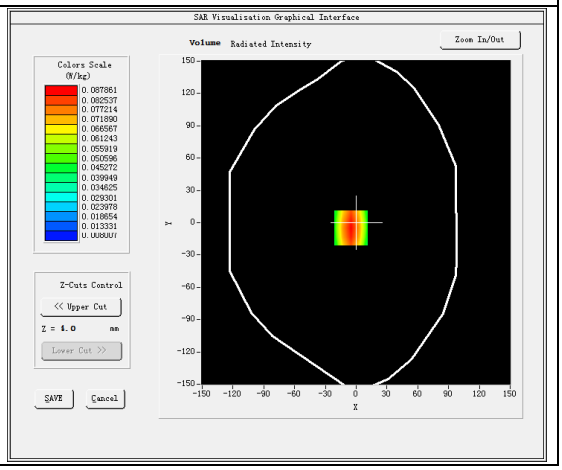
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	750MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	750
Relative permittivity (real part)	55.66
Relative permittivity	23.28
Conductivity (S/m)	0.97
Power drift (%)	-2.04
Ambient Temperature:	22.2°C
Liquid Temperature:	22.6°C
ConvF:	1.93
Crest factor:	1:1

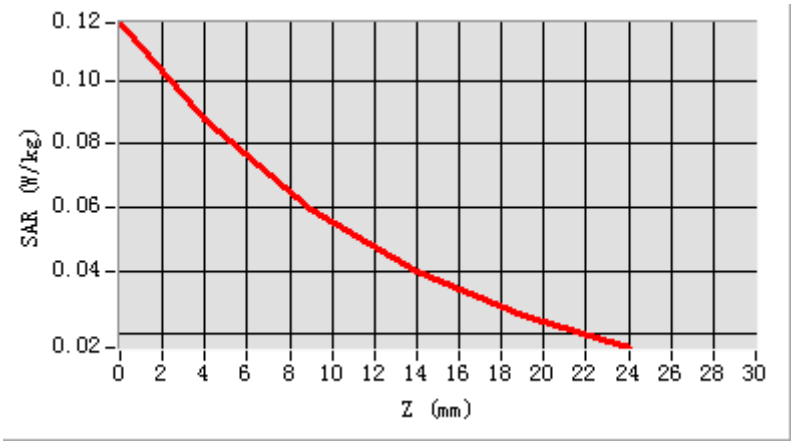
SURFACE SAR	**VOLUME SAR**
	

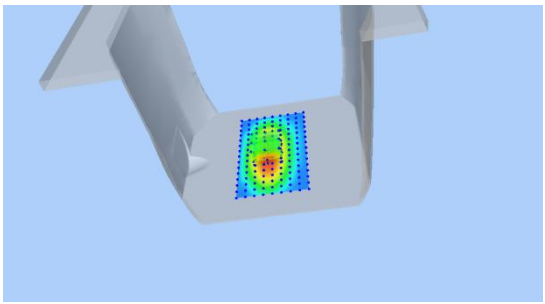
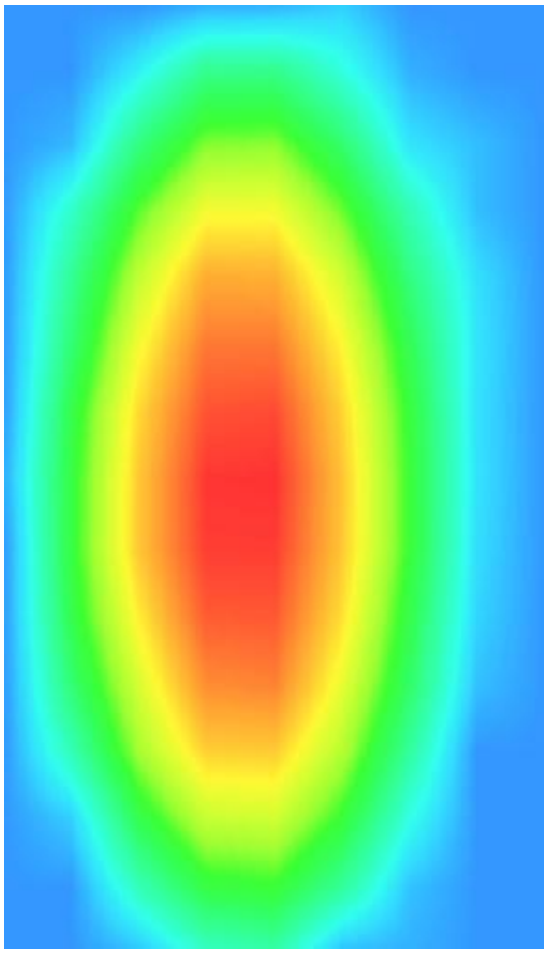
Maximum location: X=-5.00, Y=-5.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.052723
SAR 1g (W/Kg)	0.083568

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1181	0.0879	0.0596	0.0397	0.0258



3D screen shot	Hot spot position
	

System Performance Check (Head, 835MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/04/2019

Measurement duration: 22 minutes 04 seconds

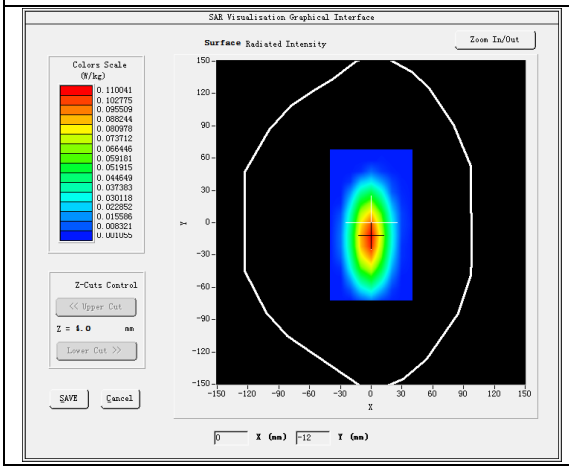
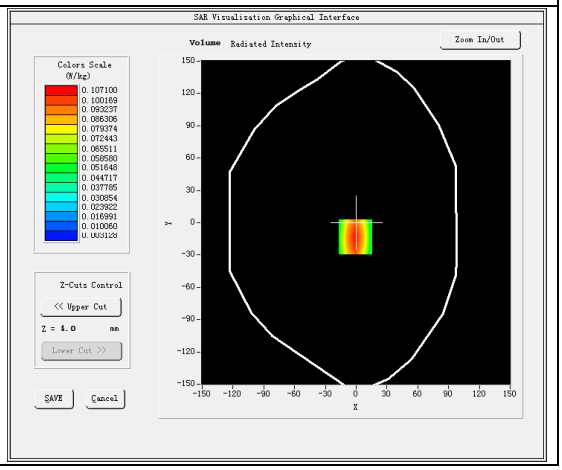
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	835MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	835
Relative permittivity (real part)	41.63
Relative permittivity	20.05
Conductivity (S/m)	0.93
Power drift (%)	-2.85
Ambient Temperature:	22.2°C
Liquid Temperature:	22.6°C
ConvF:	1.92
Crest factor:	1:1

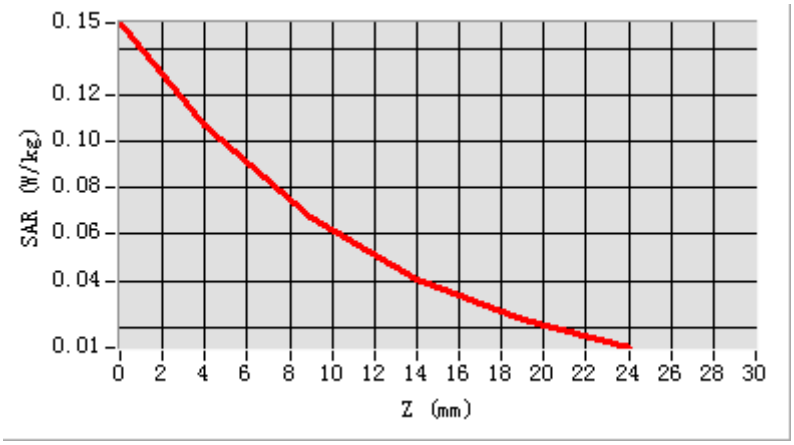
SURFACE SAR	**VOLUME SAR**
	

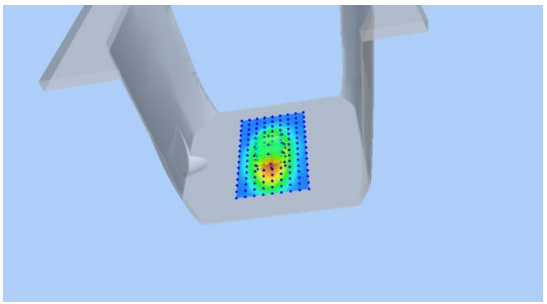
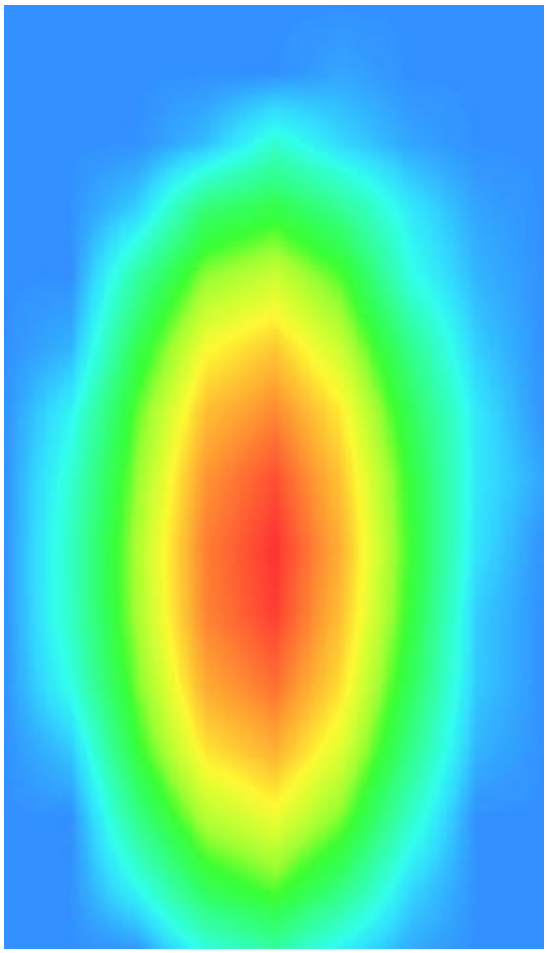
Maximum location: X=-1.00, Y=-13.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.059539
SAR 1g (W/Kg)	0.102300

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1510	0.1071	0.0674	0.0406	0.0230



3D screen shot	Hot spot position
	

System Performance Check (Body, 835MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/04/2019

Measurement duration: 22 minutes 07 seconds

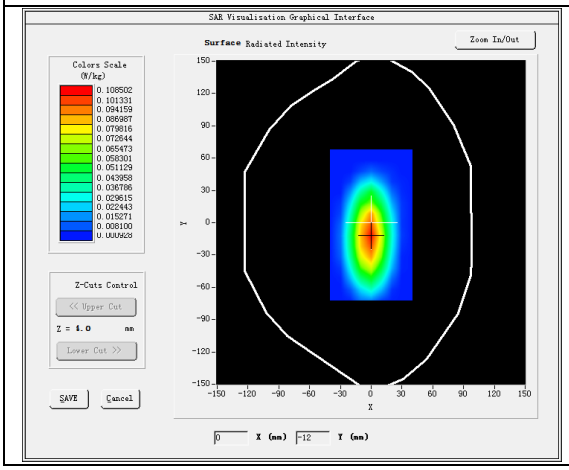
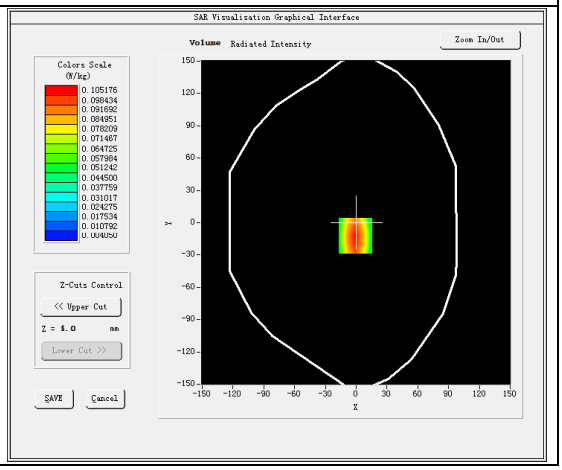
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	835MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	835
Relative permittivity (real part)	55.42
Relative permittivity	21.34
Conductivity (S/m)	0.99
Power drift (%)	-3.85
Ambient Temperature:	22.2°C
Liquid Temperature:	22.6°C
ConvF:	1.99
Crest factor:	1:1

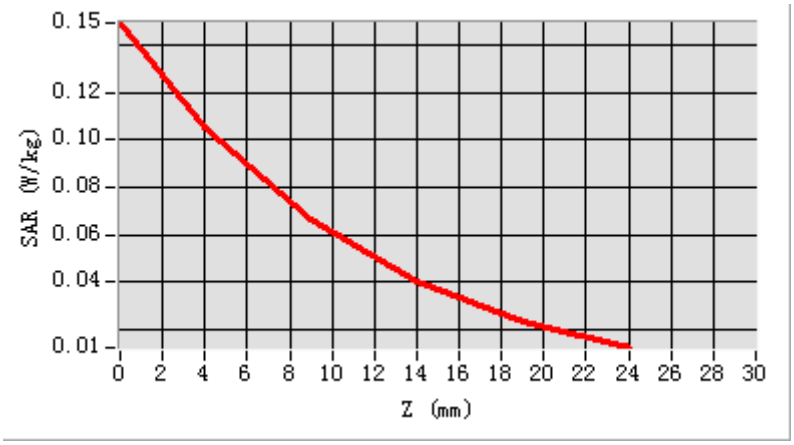
SURFACE SAR	**VOLUME SAR**
	

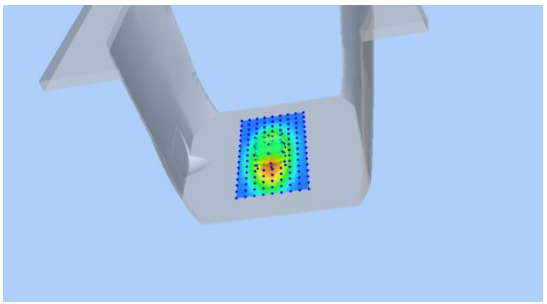
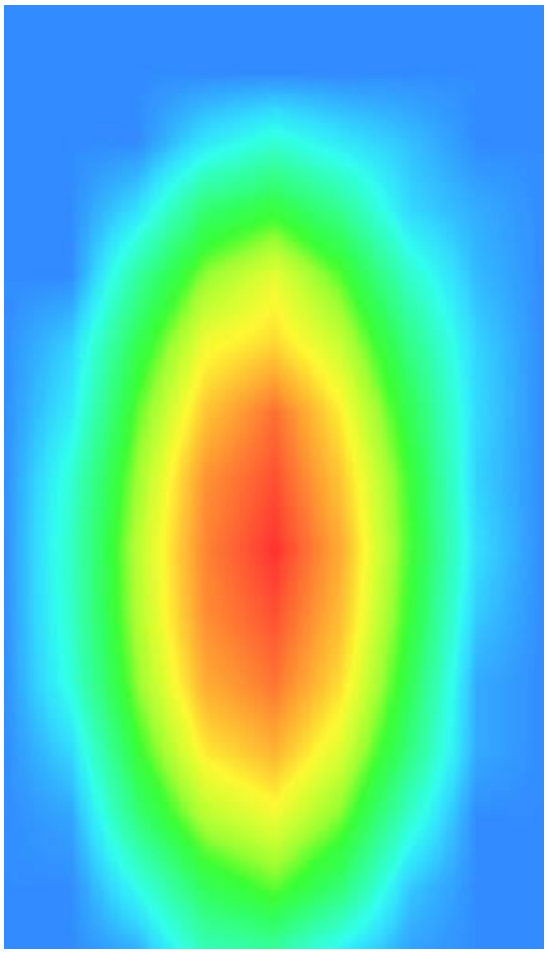
Maximum location: X=-1.00, Y=-12.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.058902
SAR 1g (W/Kg)	0.098727

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1492	0.1052	0.0660	0.0402	0.0235



3D screen shot	Hot spot position
	

System Performance Check (Head, 1800MHz)

Type: Validation measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/05/2019

Measurement duration: 22 minutes 09 seconds

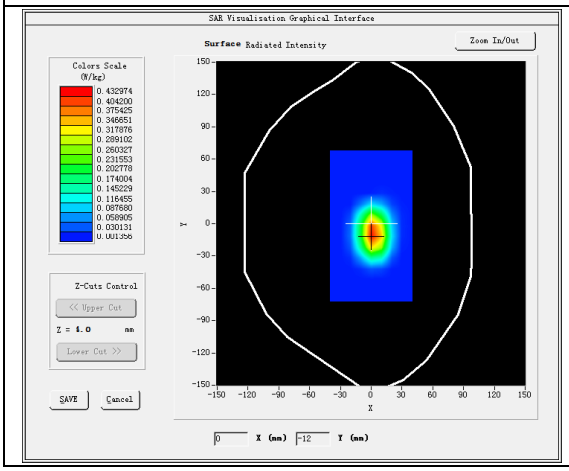
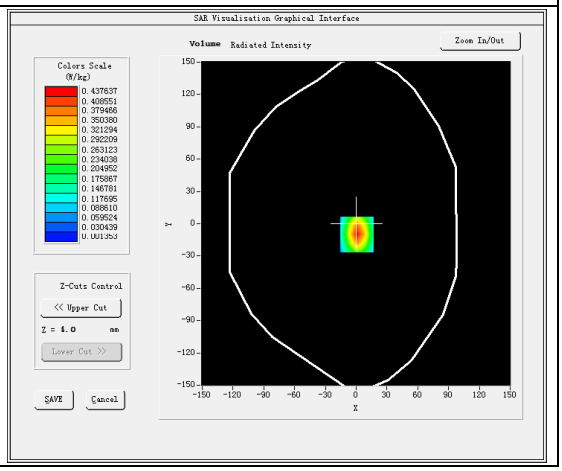
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	1800MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1800
Relative permittivity (real part)	40.64
Relative permittivity	13.90
Conductivity (S/m)	1.39
Power Drift (%)	-2.77
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.14
Duty factor:	1:1

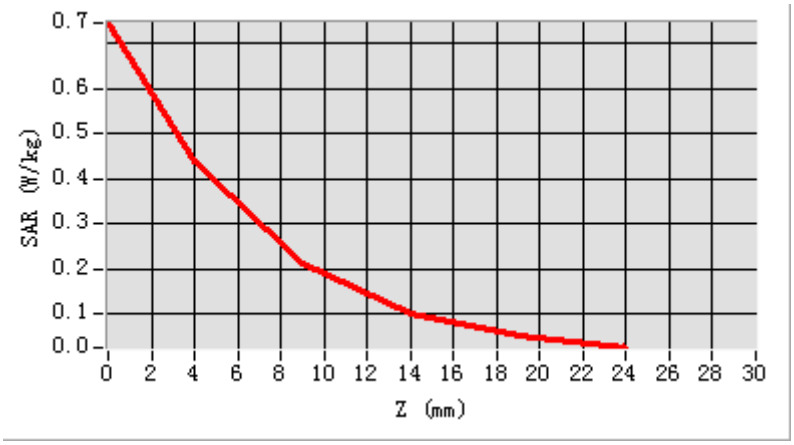
SURFACE SAR	**VOLUME SAR**
	

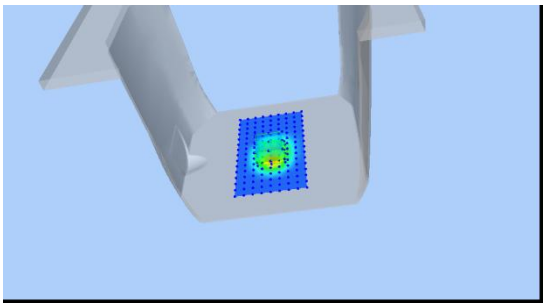
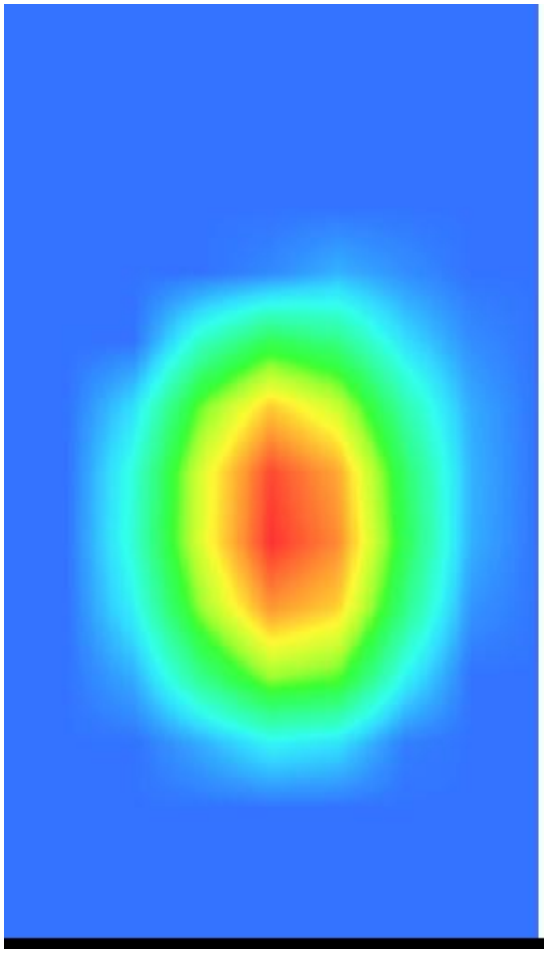
Maximum location: X=1.00, Y=-10.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.193151
SAR 1g (W/Kg)	0.403253

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7459	0.4376	0.2130	0.1021	0.0516



3D screen shot	Hot spot position
	

System Performance Check (Body, 1800MHz)

Type: Validation measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/05/2019

Measurement duration: 22 minutes 10 seconds

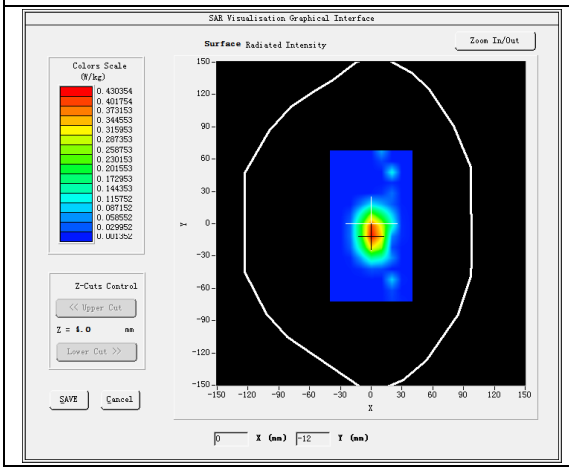
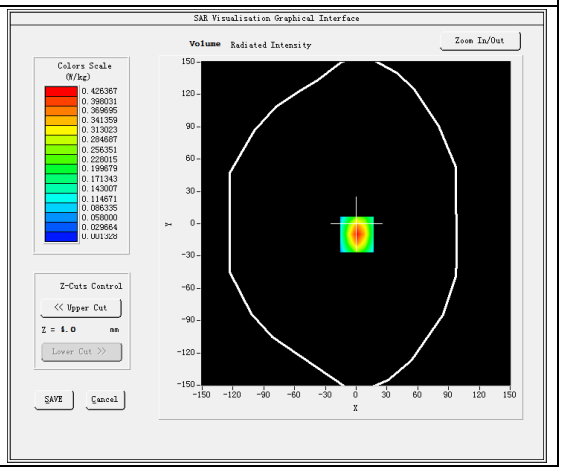
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	1800MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1800
Relative permittivity (real part)	53.65
Relative permittivity	15.30
Conductivity (S/m)	1.53
Power Drift (%)	-2.73
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.22
Duty factor:	1:1

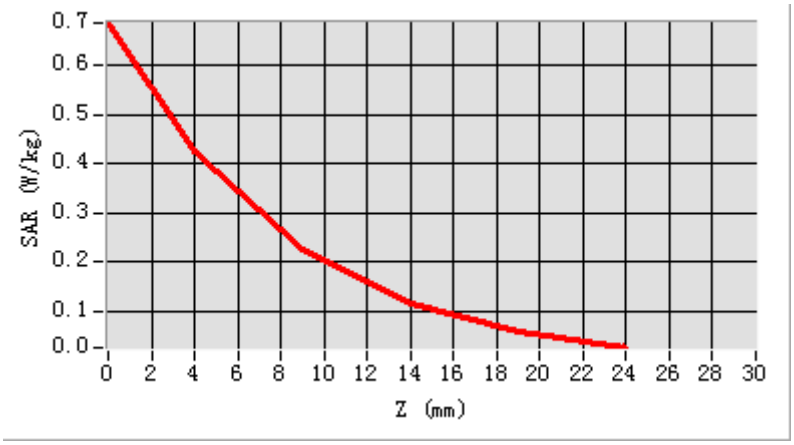
SURFACE SAR	**VOLUME SAR**
	

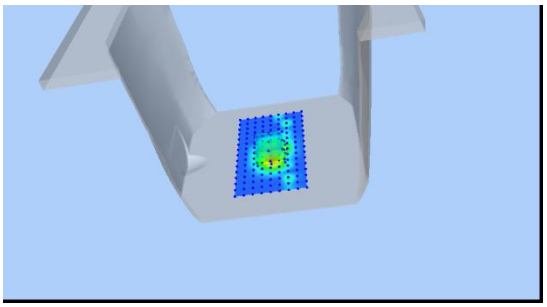
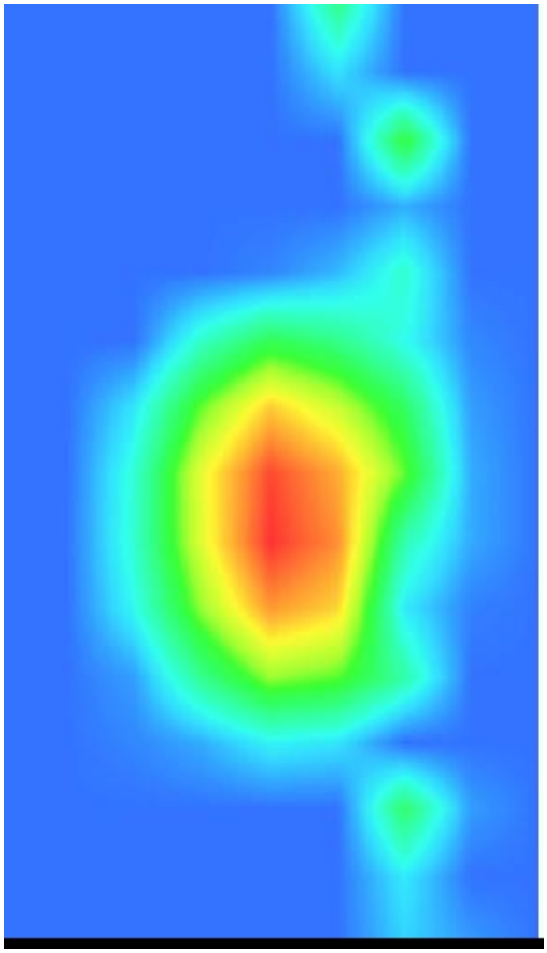
Maximum location: X=1.00, Y=-10.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.198893
SAR 1g (W/Kg)	0.399549

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6855	0.4264	0.2248	0.1145	0.0575



3D screen shot	Hot spot position
	

System Performance Check (Head, 1900MHz)

Type: Validation measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/06/2019

Measurement duration: 22 minutes 14 seconds

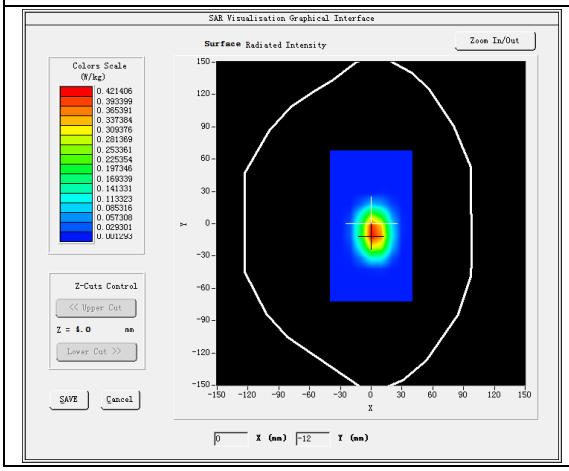
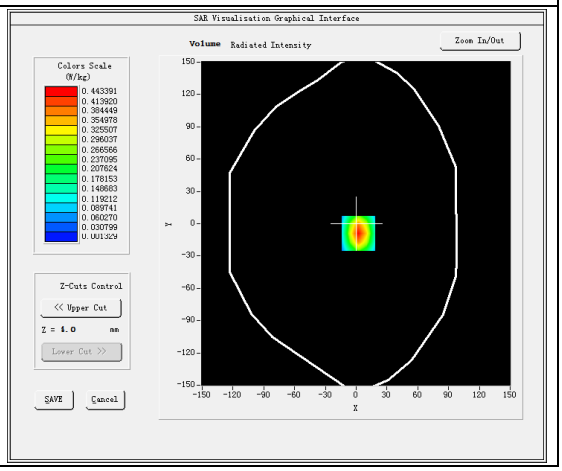
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	1900MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1900
Relative permittivity (real part)	40.55
Relative permittivity	13.26
Conductivity (S/m)	1.40
Power Drift (%)	-3.07
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.34
Duty factor:	1:1

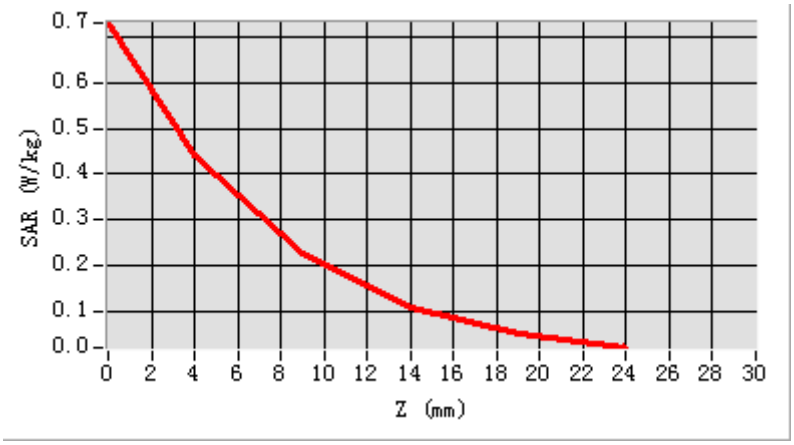
SURFACE SAR	**VOLUME SAR**
	

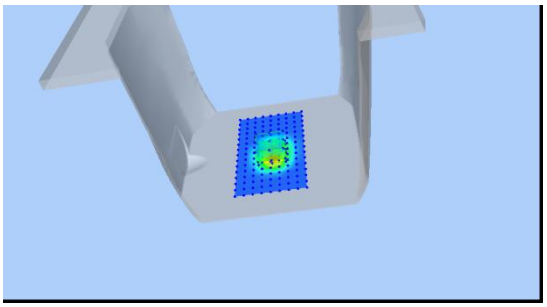
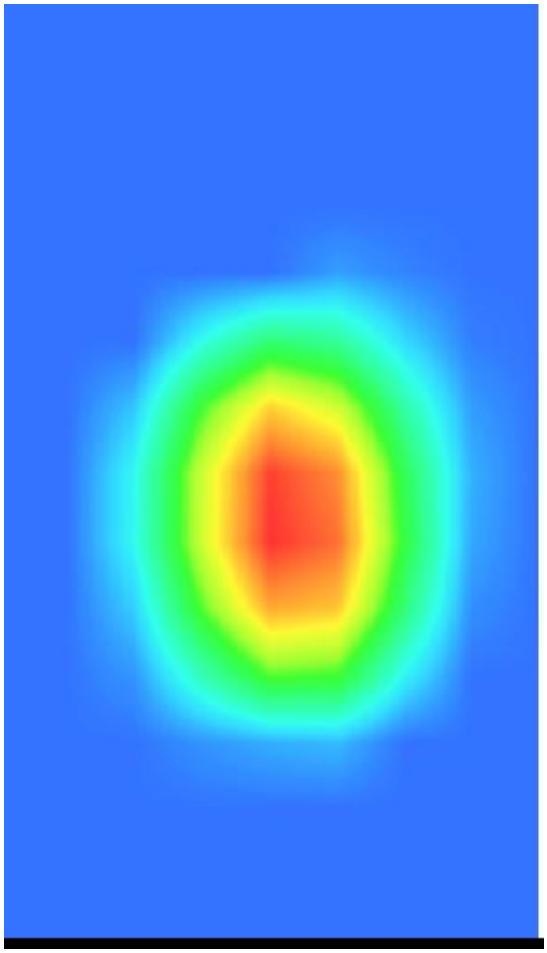
Maximum location: X=2.00, Y=-9.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.192678
SAR 1g (W/Kg)	0.405400

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7302	0.4434	0.2250	0.1095	0.0522



3D screen shot	Hot spot position
	

System Performance Check (Body, 1900MHz)

Type: Validation measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 12/06/2019

Measurement duration: 22 minutes 13 seconds

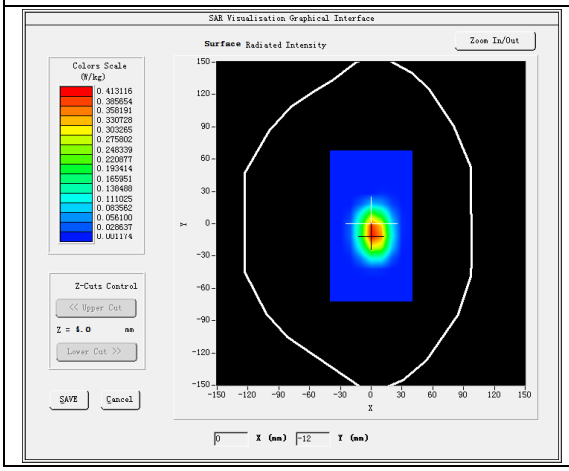
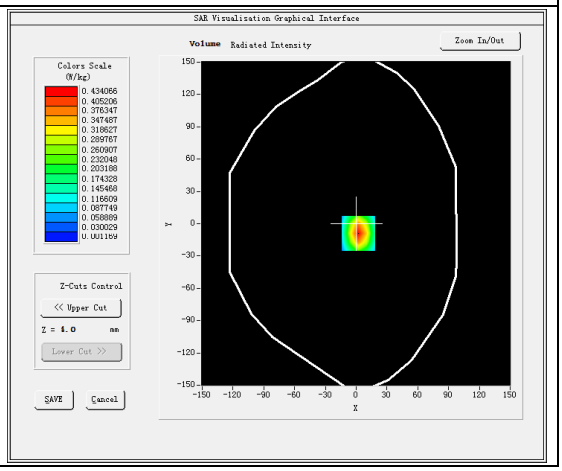
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	1900MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1900
Relative permittivity (real part)	53.52
Relative permittivity	14.59
Conductivity (S/m)	1.54
Power Drift (%)	-2.71
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.39
Duty factor:	1:1

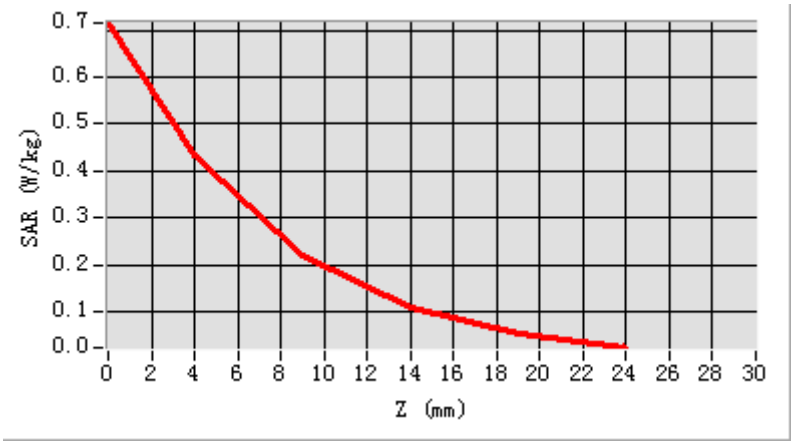
SURFACE SAR	**VOLUME SAR**
	

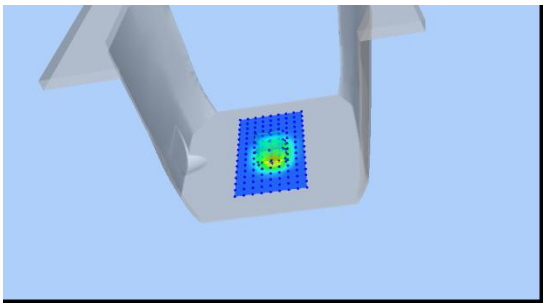
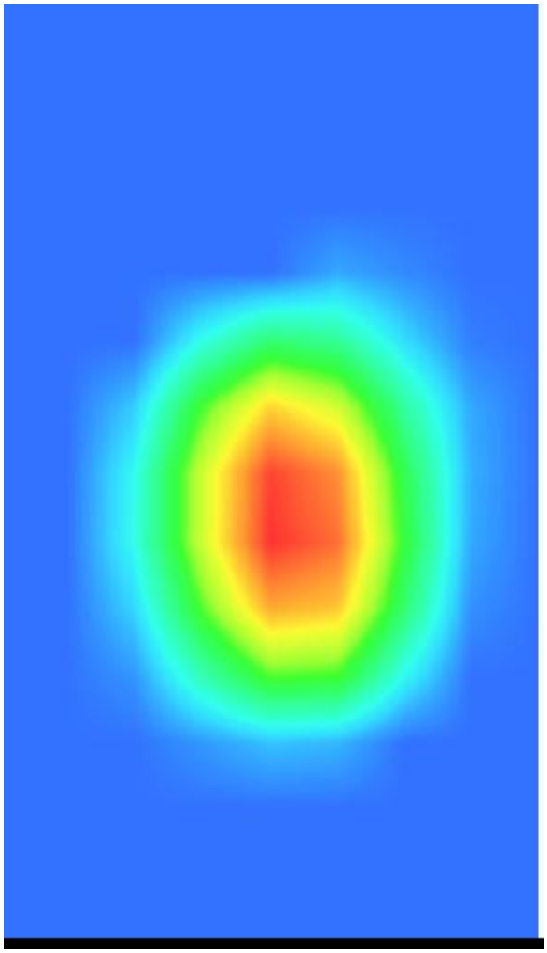
Maximum location: X=2.00, Y=-9.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.189520
SAR 1g (W/Kg)	0.396717

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7151	0.4341	0.2207	0.1081	0.0526



3D screen shot	Hot spot position
	

System Performance Check (Head, 2450MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 11/09/2019

Measurement duration: 22 minutes 18 seconds

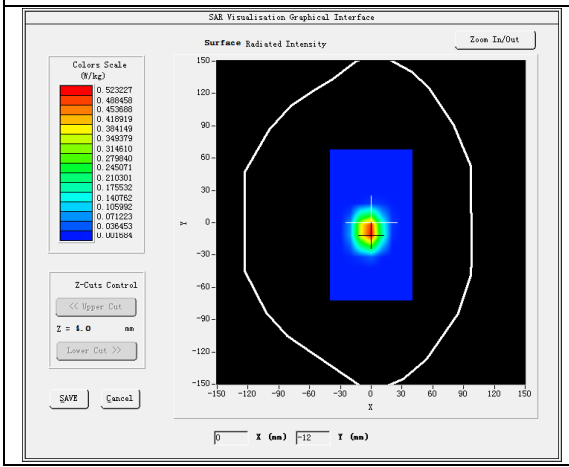
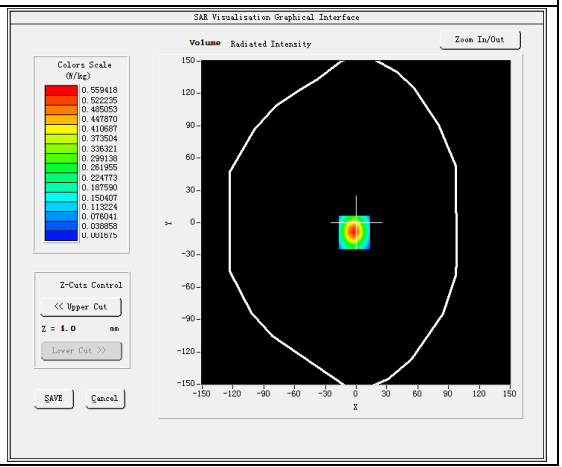
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=5mm dy=5mm dz=4mm
Device Position	Dipole
Band	2450MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2450
Relative permittivity (real part)	39.70
Relative permittivity	13.22
Conductivity (S/m)	1.80
Power Drift (%)	-3.36
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.37
Duty factor:	1:1

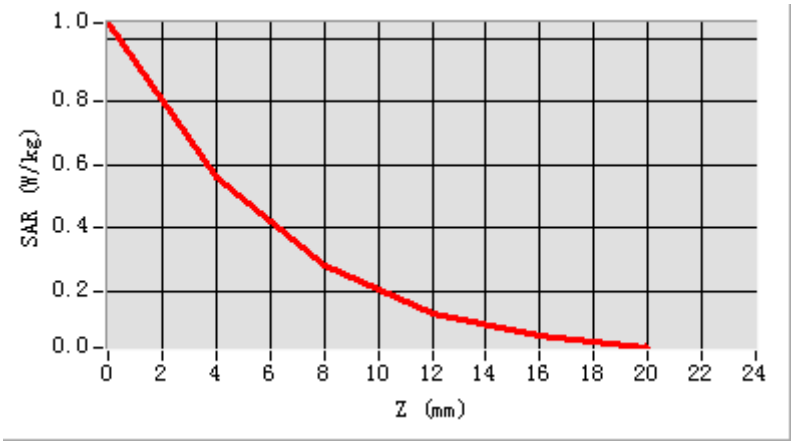
SURFACE SAR	**VOLUME SAR**
	

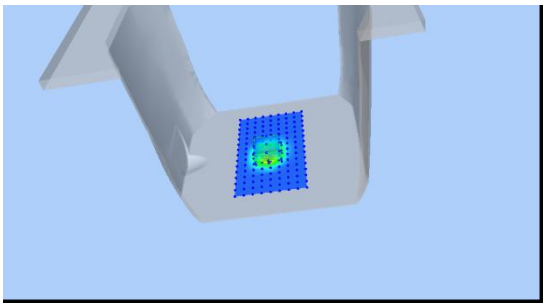
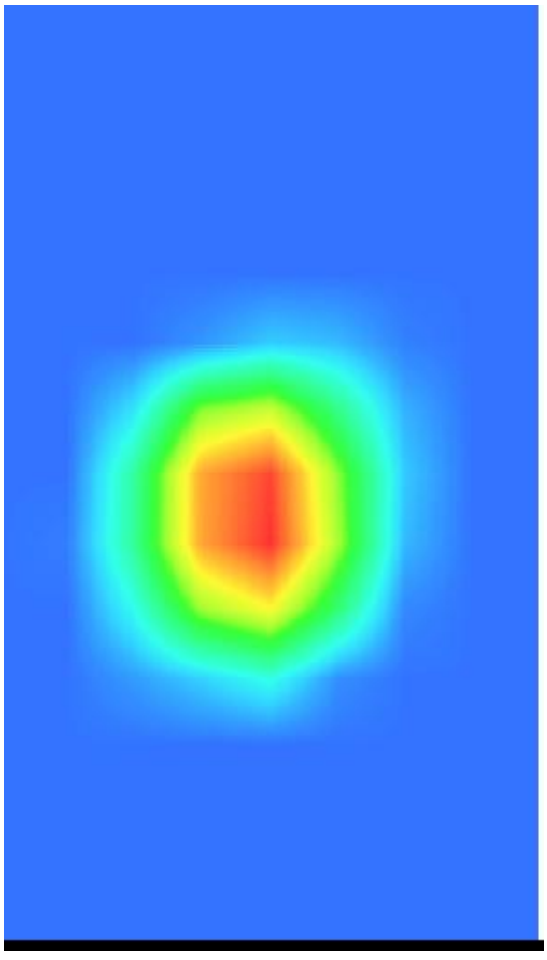
Maximum location: X=-2.00, Y=-9.00

SAR Peak: 1.05 W/kg

SAR 10g (W/Kg)	0.205674
SAR 1g (W/Kg)	0.501750

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0486	0.5594	0.2778	0.1293	0.0566



3D screen shot	Hot spot position
	

System Performance Check (Body, 2450MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/09/2019

Measurement duration: 22 minutes 11 seconds

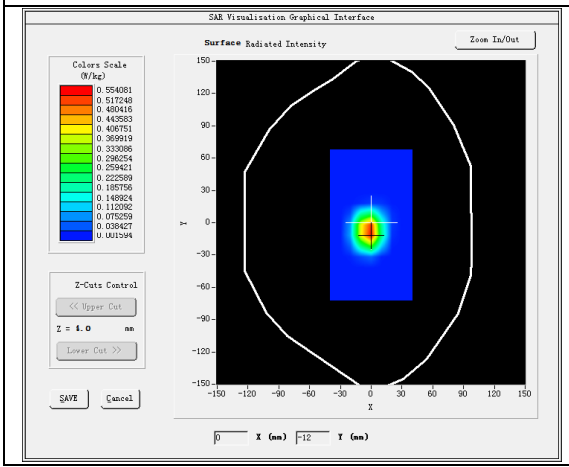
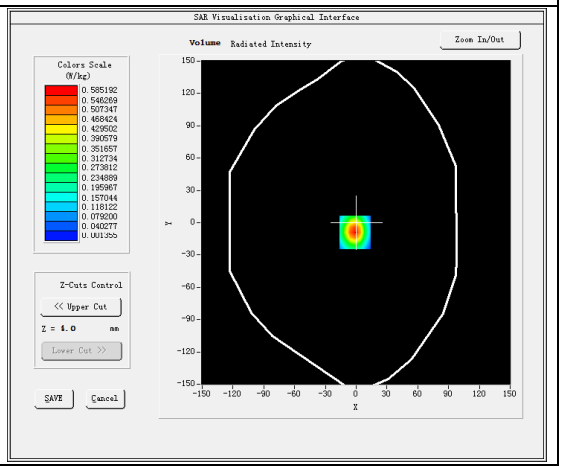
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=5mm dy=5mm dz=4mm
Device Position	Dipole
Band	2450MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2450
Relative permittivity (real part)	53.28
Relative permittivity	14.47
Conductivity (S/m)	1.97
Power Drift (%)	-2.30
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	2.46
Duty factor:	1:1

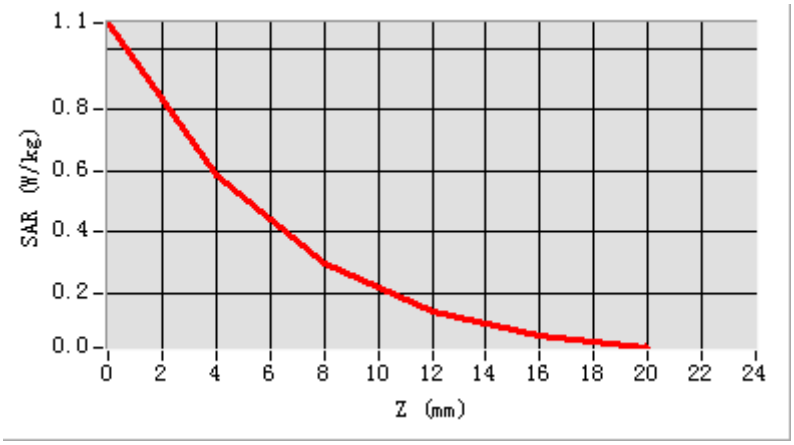
SURFACE SAR	**VOLUME SAR**
	

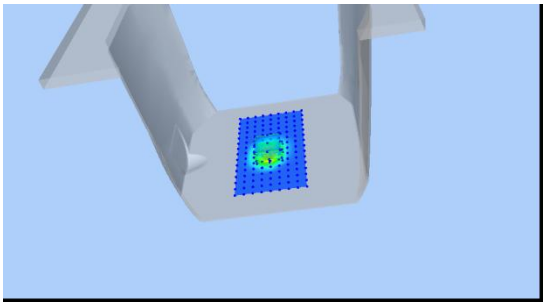
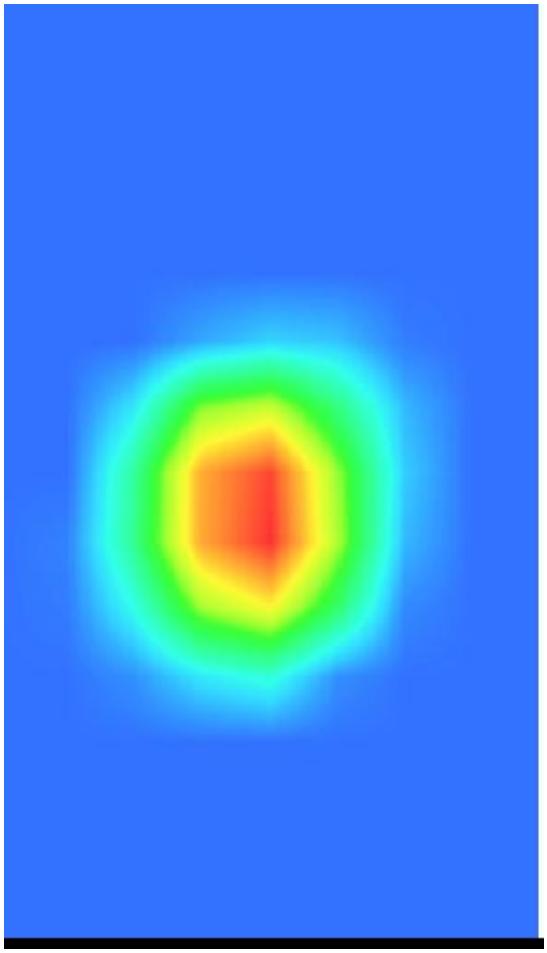
Maximum location: X=-1.00, Y=-9.00

SAR Peak: 1.09 W/kg

SAR 10g (W/Kg)	0.218359
SAR 1g (W/Kg)	0.525991

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0823	0.5852	0.2959	0.1411	0.0638



3D screen shot	Hot spot position
	

System Performance Check (Head, 2600MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/10/2019

Measurement duration: 22 minutes 12 seconds

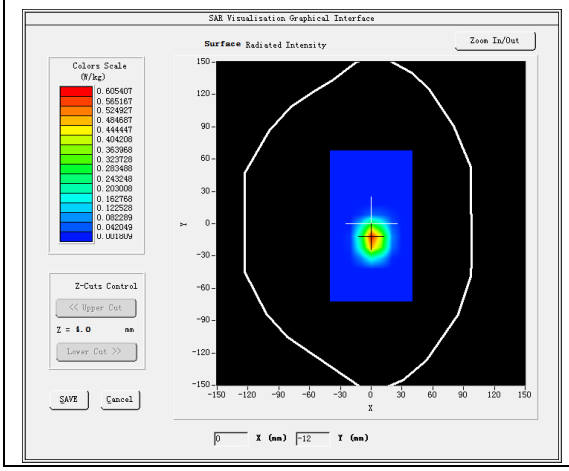
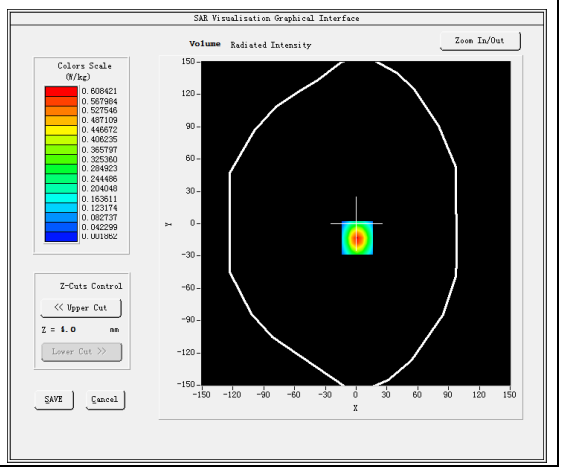
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=5mm dy=5mm dz=4mm
Device Position	Dipole
Band	2600MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2600
Relative permittivity (real part)	39.41
Relative permittivity	13.57
Conductivity (S/m)	1.96
Power drift (%)	-2.52
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.35

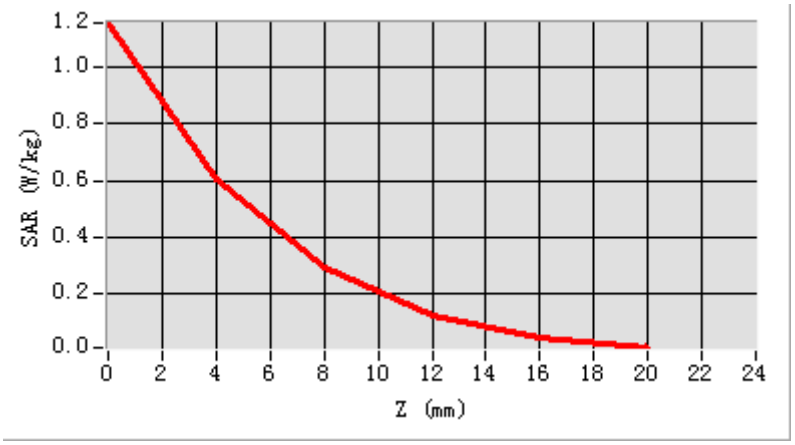
SURFACE SAR	**VOLUME SAR**
	

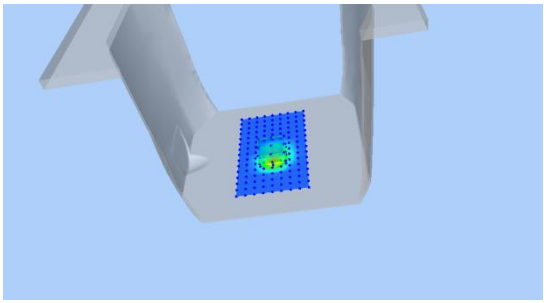
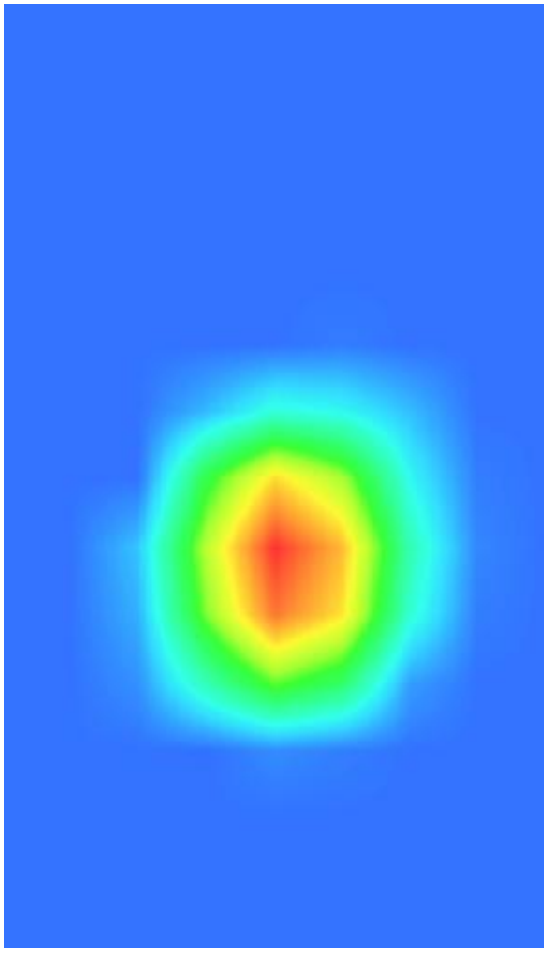
Maximum location: X=1.00, Y=-13.00

SAR Peak: 1.16 W/kg

SAR 10g (W/Kg)	0.217751
SAR 1g (W/Kg)	0.544529

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1568	0.6084	0.2929	0.1271	0.0477



3D screen shot	Hot spot position
	

System Performance Check (Body, 2600MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/10/2019

Measurement duration: 22 minutes 17 seconds

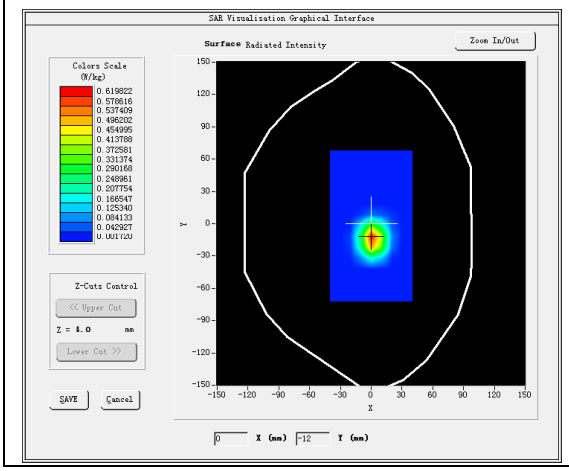
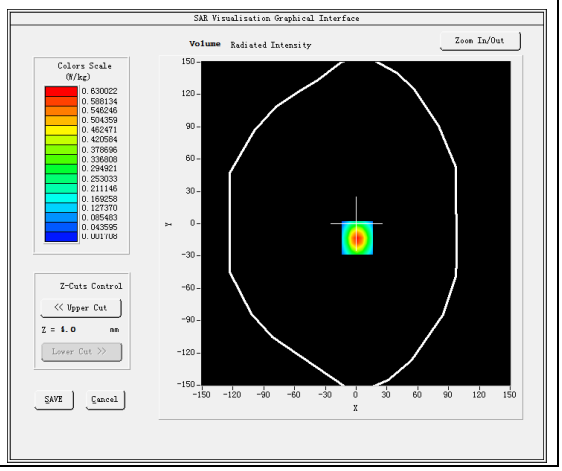
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=5mm dy=5mm dz=4mm
Device Position	Dipole
Band	2600MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2600
Relative permittivity (real part)	52.94
Relative permittivity	15.02
Conductivity (S/m)	2.17
Power drift (%)	-1.47
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.43

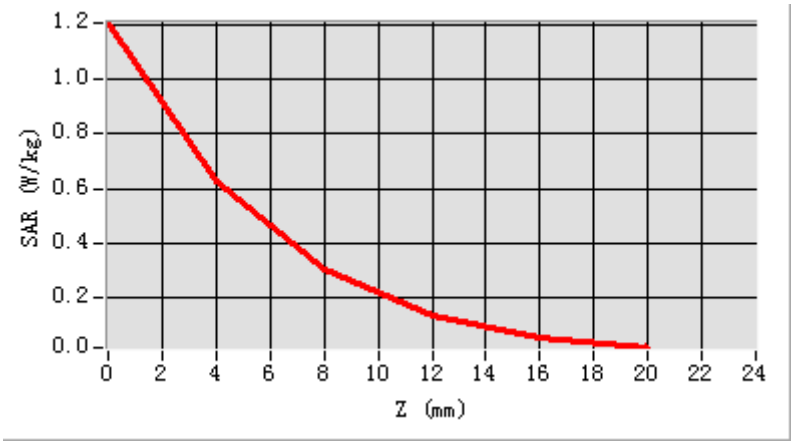
SURFACE SAR	**VOLUME SAR**
	

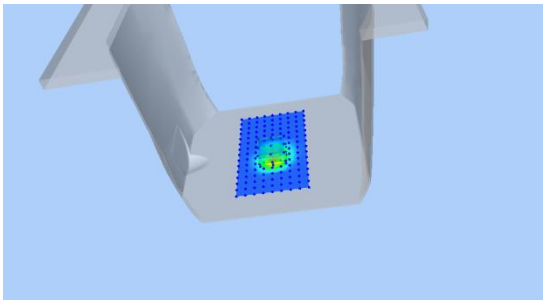
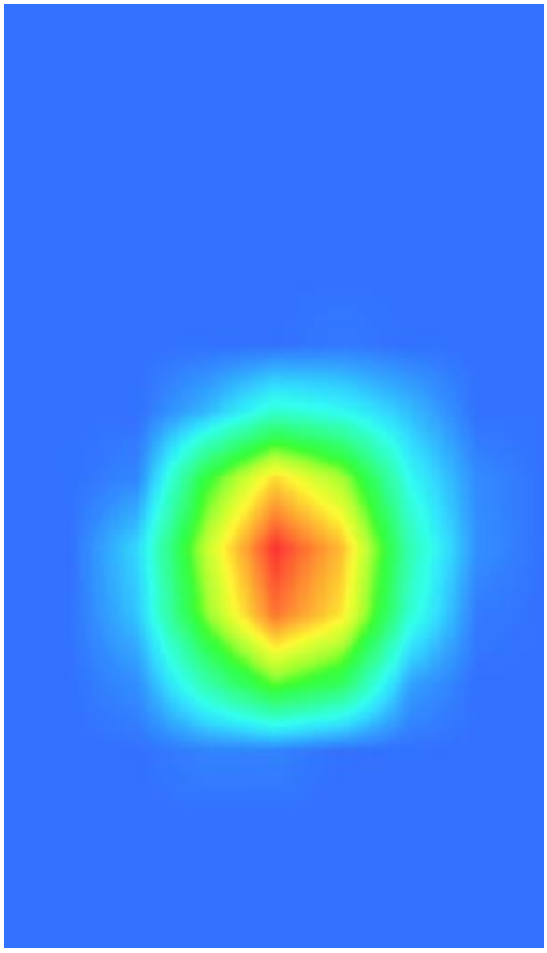
Maximum location: X=1.00, Y=-13.00

SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.227720
SAR 1g (W/Kg)	0.570403

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.2095	0.6300	0.3015	0.1321	0.0523



3D screen shot	Hot spot position
	

System Performance Check (Head, 5200MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/11/2019

Measurement duration: 22 minutes 19 seconds

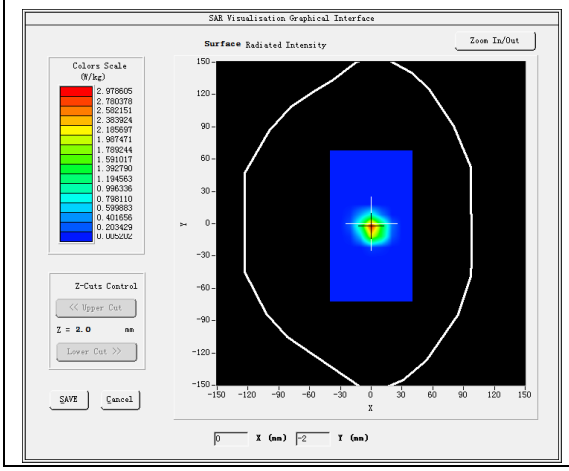
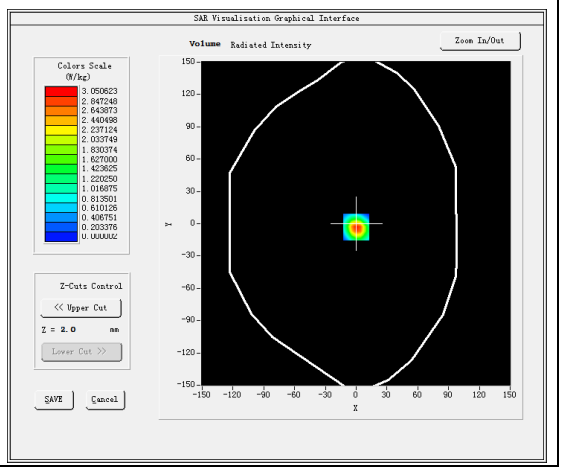
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5200MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5200
Relative permittivity (real part)	36.38
Relative permittivity	16.17
Conductivity (S/m)	4.67
Power drift (%)	1.12
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.15

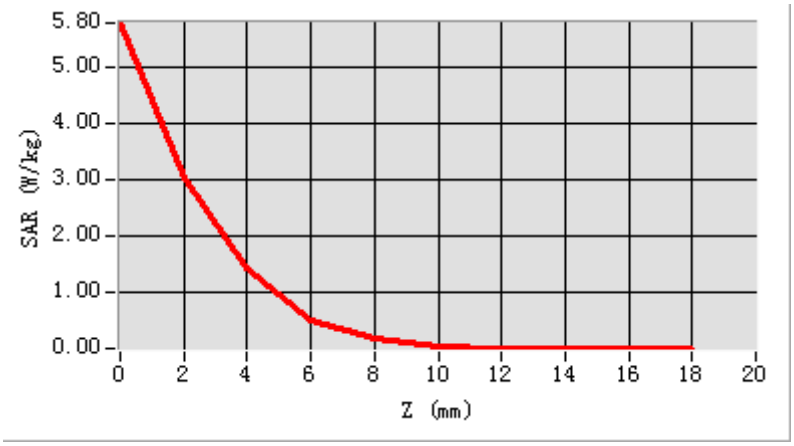
SURFACE SAR	**VOLUME SAR**
	

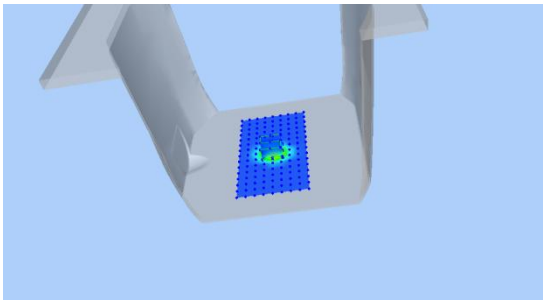
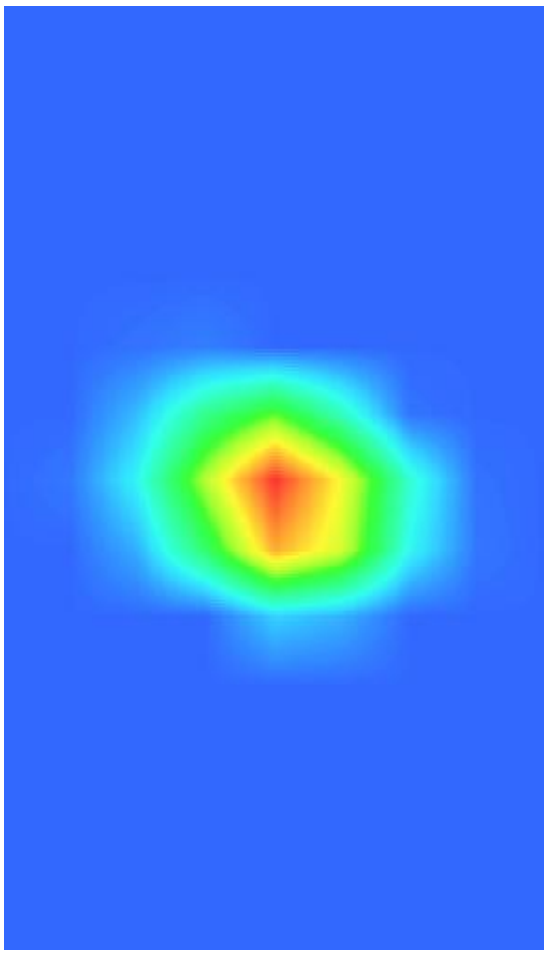
Maximum location: X=0.00, Y=-3.00

SAR Peak: 6.03W/kg

SAR 10g (W/Kg)	0.385585
SAR 1g (W/Kg)	1.553961

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.7980	3.0506	1.4452	0.5046	0.1909	0.0424	0.0052	0.0011	0.0155



3D screen shot	Hot spot position
	

System Performance Check (Body, 5200MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/11/2019

Measurement duration: 22 minutes 22 seconds

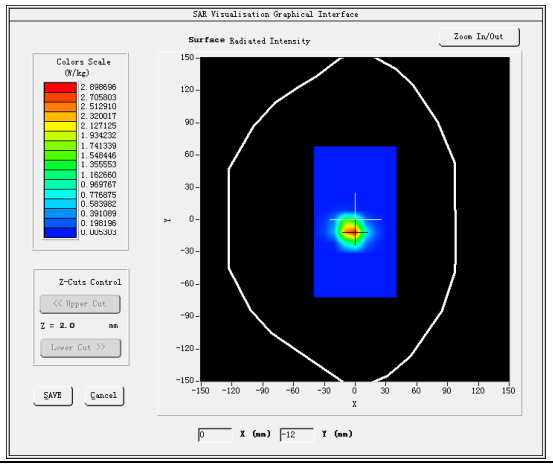
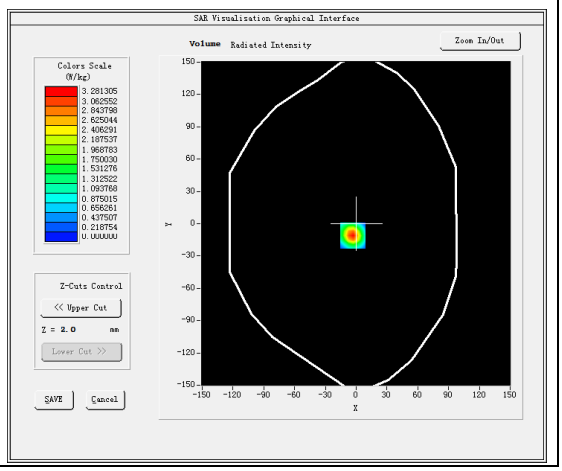
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5200MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5200
Relative permittivity (real part)	49.50
Relative permittivity	18.38
Conductivity (S/m)	5.31
Power drift (%)	-0.96
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.21

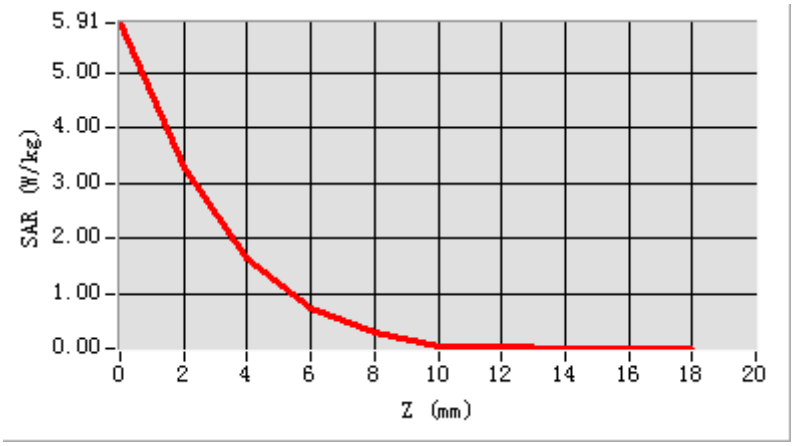
SURFACE SAR	VOLUME SAR
	

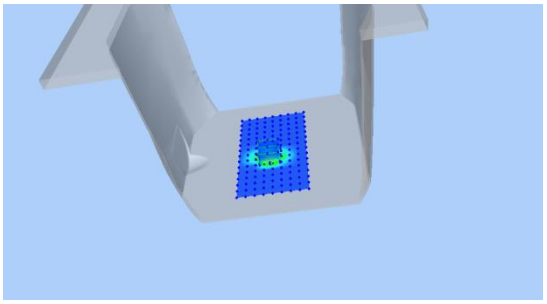
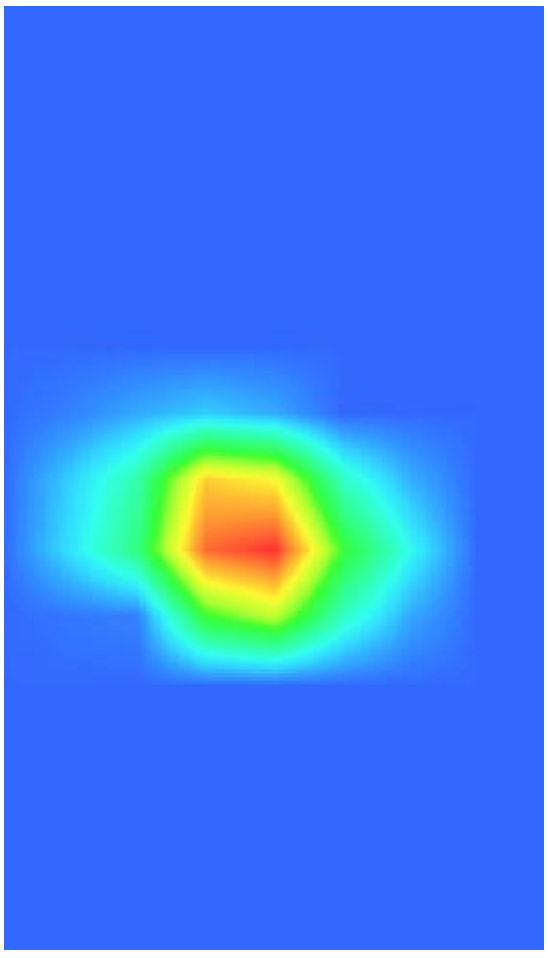
Maximum location: X=-3.00, Y=-11.00

SAR Peak: 6.24 W/kg

SAR 10g (W/Kg)	0.424807
SAR 1g (W/Kg)	1.688510

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.9078	3.2813	1.6242	0.7197	0.2913	0.0318	0.0219	0.0006	0.0038



3D screen shot	Hot spot position
	

System Performance Check (Head, 5400MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/12/2019

Measurement duration: 22 minutes 20 seconds

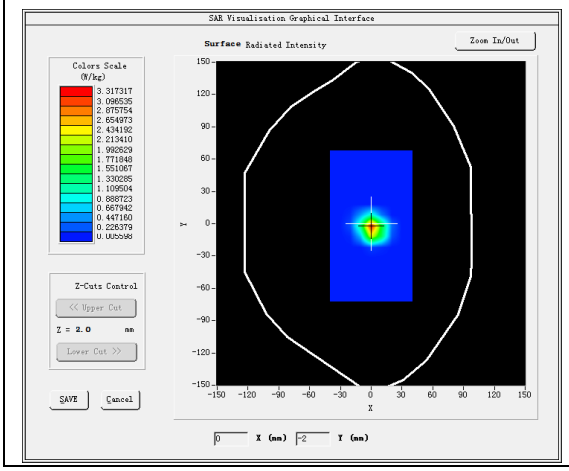
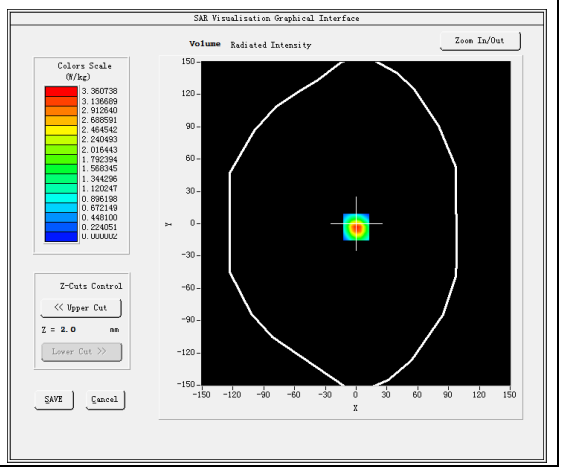
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5400MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5400
Relative permittivity (real part)	36.07
Relative permittivity	16.23
Conductivity (S/m)	4.87
Power drift (%)	-2.19
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.10

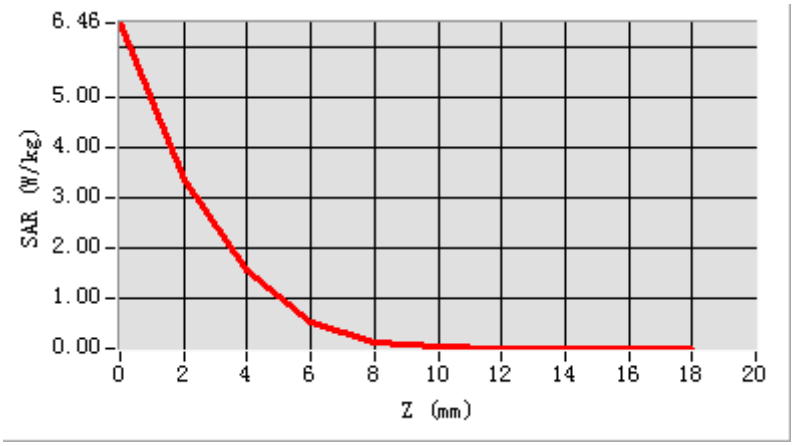
SURFACE SAR	**VOLUME SAR**
	

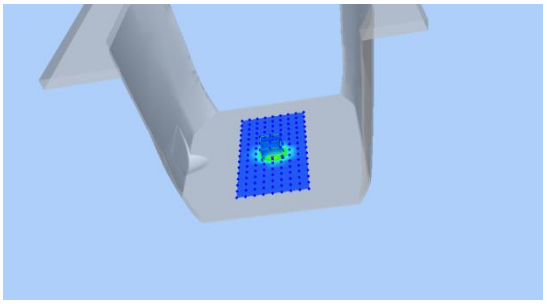
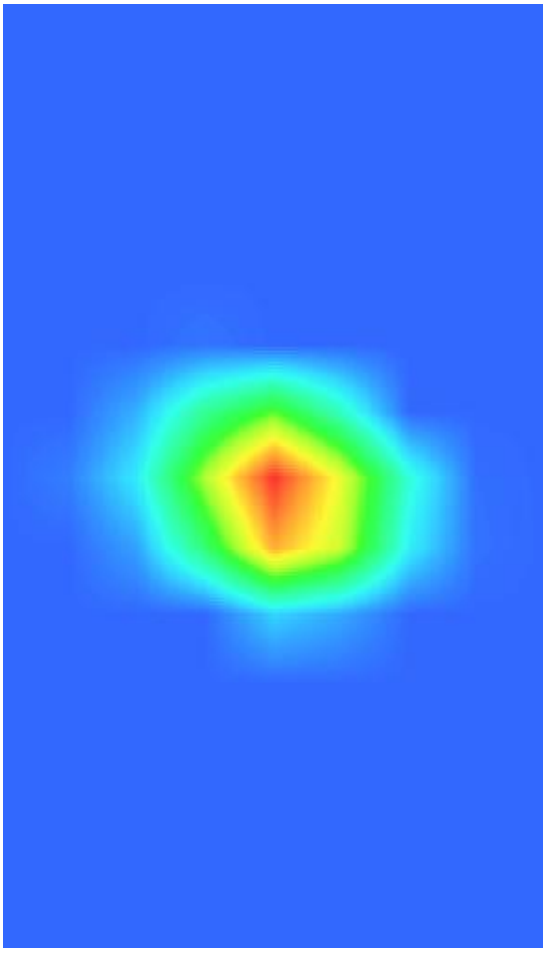
Maximum location: X=0.00, Y=-3.00

SAR Peak: 6.74W/kg

SAR 10g (W/Kg)	0.411668
SAR 1g (W/Kg)	1.697330

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	6.4629	3.3607	1.5615	0.5352	0.1187	0.0435	0.0042	0.0038	0.0056



3D screen shot	Hot spot position
	

System Performance Check (Body, 5400MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/12/2019

Measurement duration: 22 minutes 26 seconds

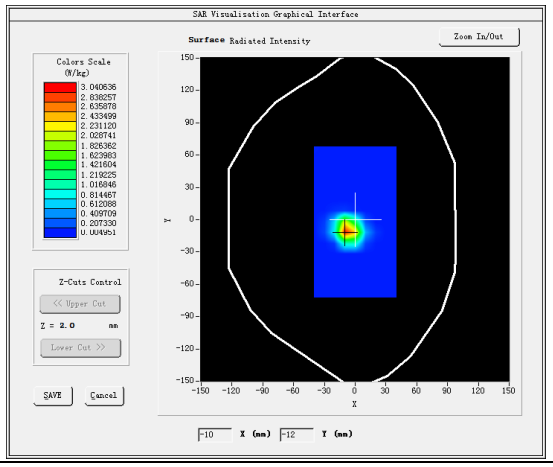
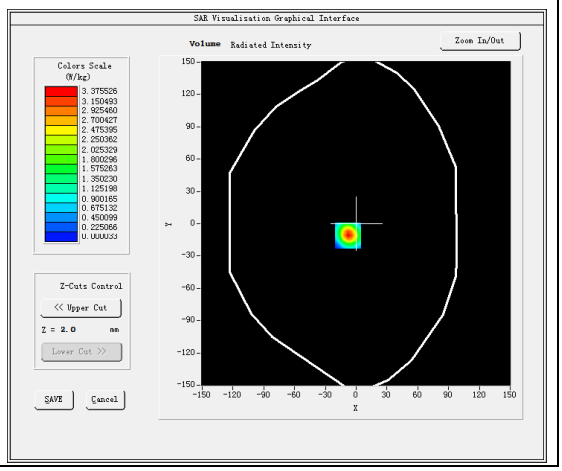
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5400MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5400
Relative permittivity (real part)	49.21
Relative permittivity	18.47
Conductivity (S/m)	5.54
Power drift (%)	-3.89
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.16

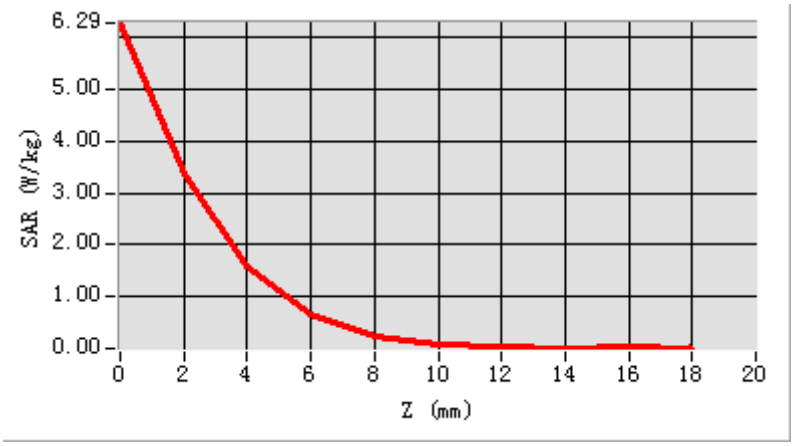
SURFACE SAR	VOLUME SAR
	

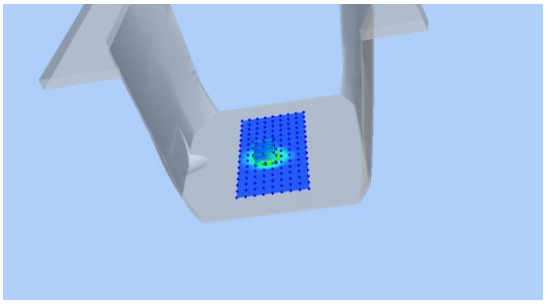
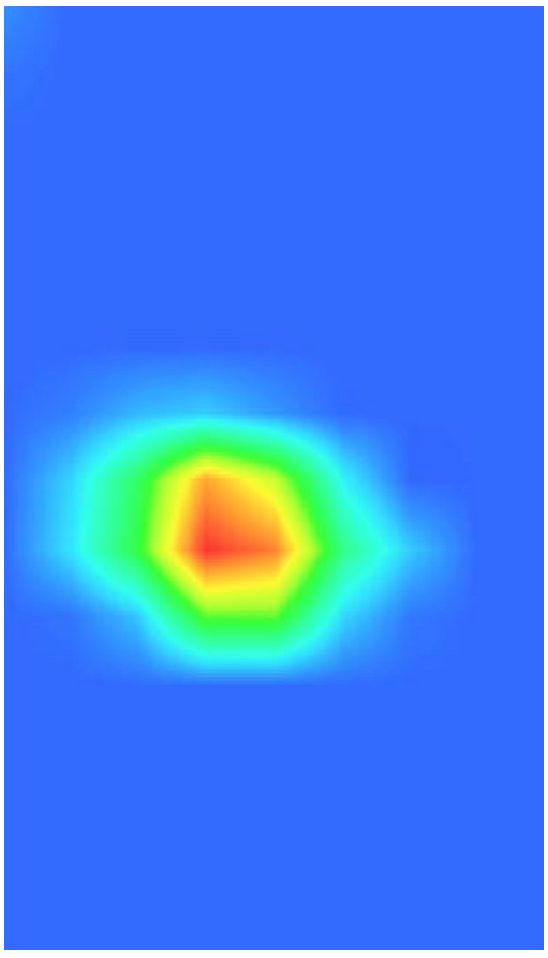
Maximum location: X=-8.00, Y=-11.00

SAR Peak: 6.68 W/kg

SAR 10g (W/Kg)	0.451017
SAR 1g (W/Kg)	1.721441

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	6.2897	3.3755	1.6003	0.6641	0.2442	0.0662	0.0300	0.0150	0.0259



3D screen shot	Hot spot position
	

System Performance Check (Head, 5600MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/13/2019

Measurement duration: 22 minutes 21 seconds

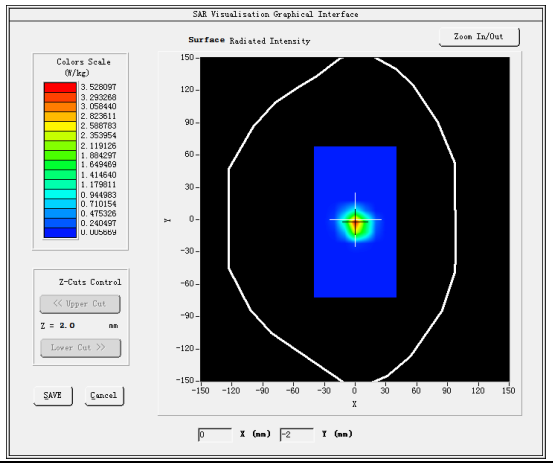
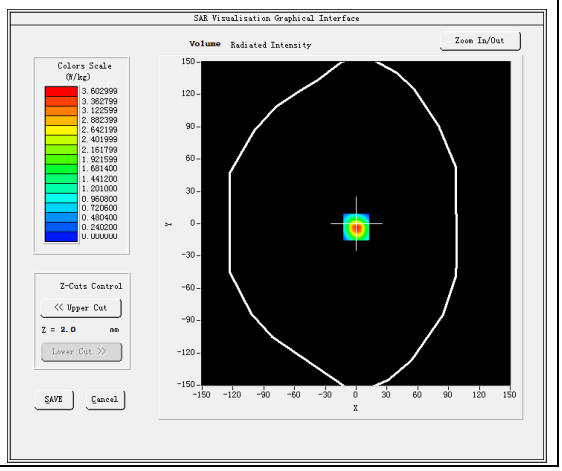
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5600MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5600
Relative permittivity (real part)	35.86
Relative permittivity	16.33
Conductivity (S/m)	5.08
Power drift (%)	-3.16
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.17

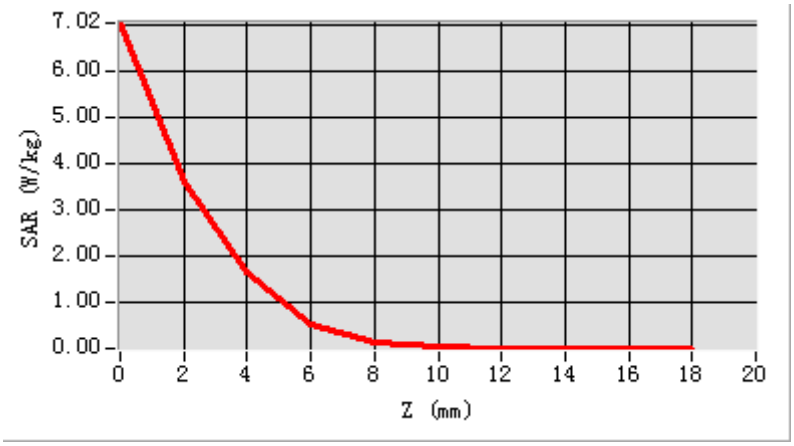
SURFACE SAR	**VOLUME SAR**
	

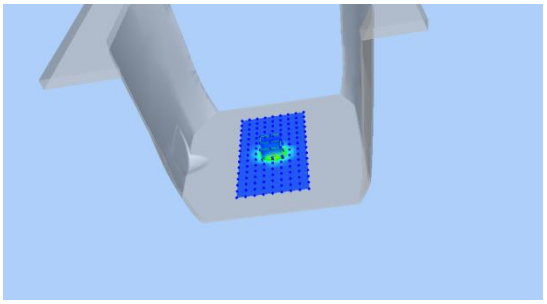
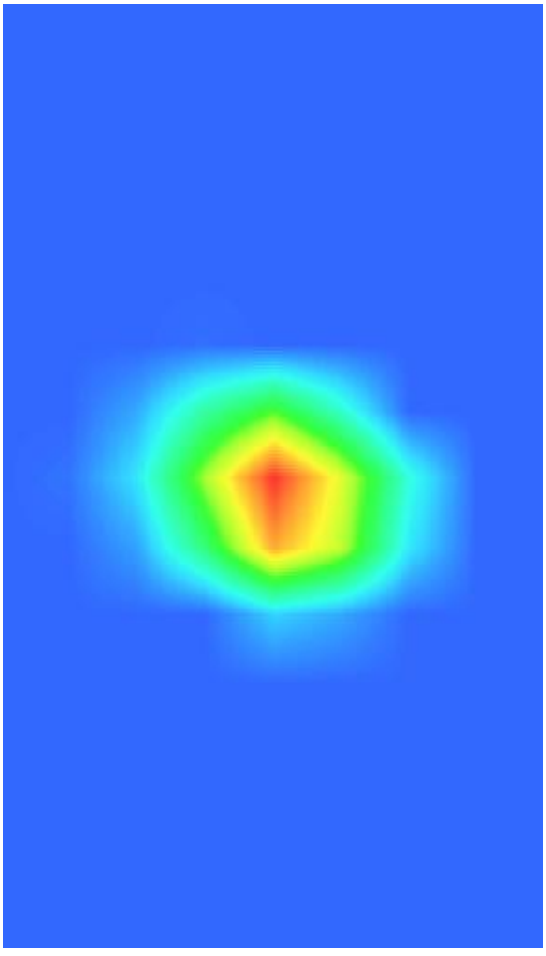
Maximum location: X=0.00, Y=-3.00

SAR Peak: 7.32W/kg

SAR 10g (W/Kg)	0.426943
SAR 1g (W/Kg)	1.810886

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	7.0244	3.6030	1.6427	0.5308	0.1173	0.0409	0.0013	0.0027	0.0057



3D screen shot	Hot spot position
	

System Performance Check (Body, 5600MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/13/2019

Measurement duration: 22 minutes 25 seconds

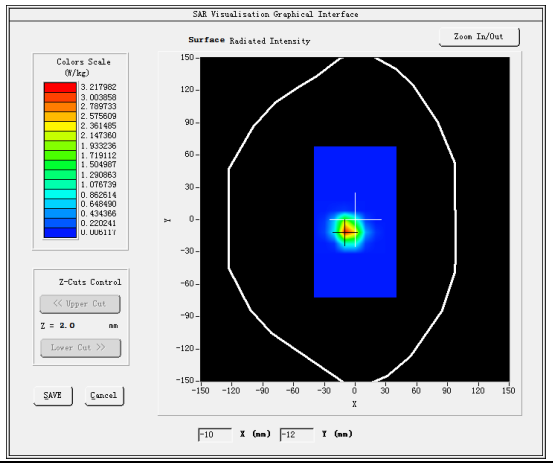
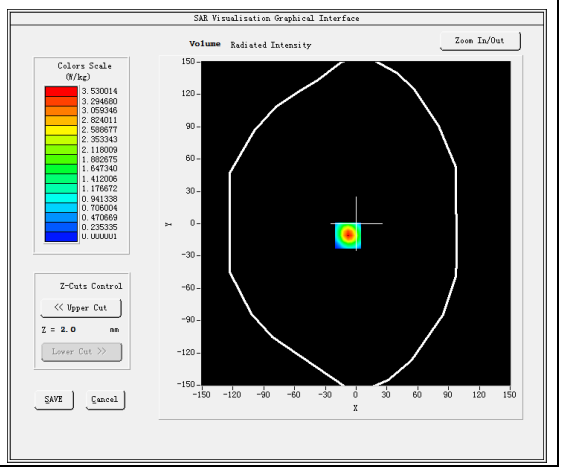
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5600MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5600
Relative permittivity (real part)	48.92
Relative permittivity	18.64
Conductivity (S/m)	5.80
Power drift (%)	-2.27
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.24

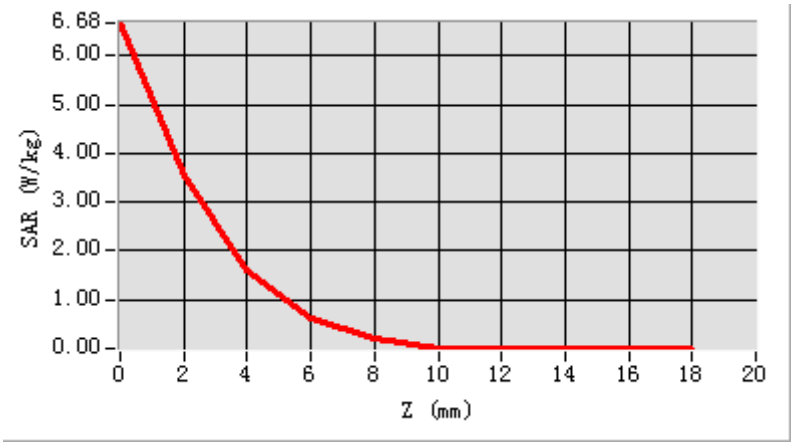
SURFACE SAR	VOLUME SAR
	

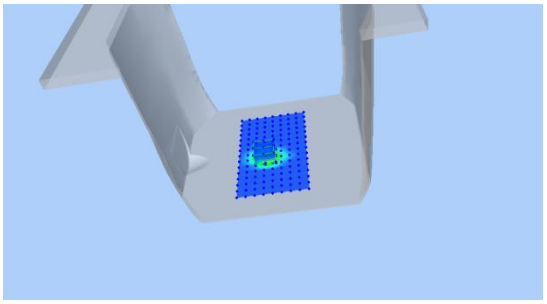
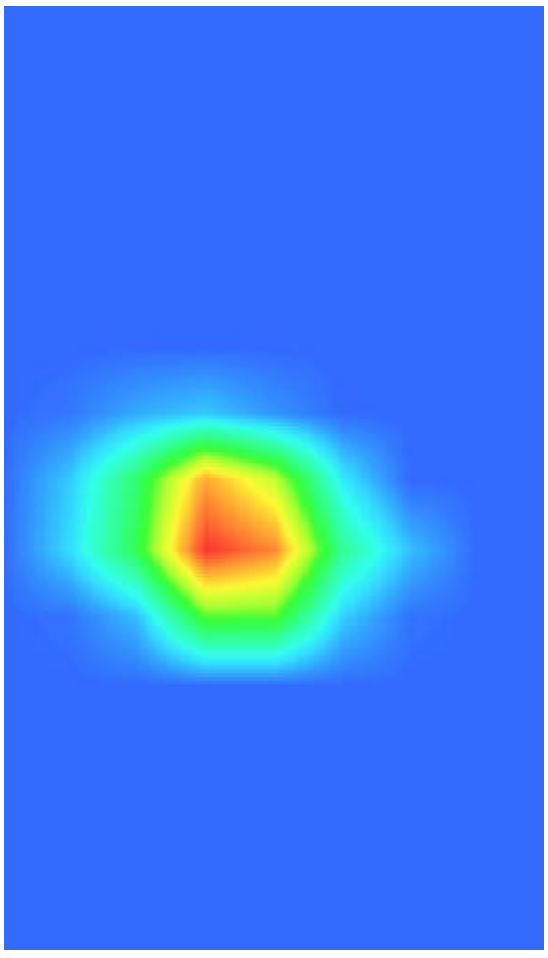
Maximum location: X=-8.00, Y=-11.00

SAR Peak: 7.14 W/kg

SAR 10g (W/Kg)	0.424305
SAR 1g (W/Kg)	1.779558

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	6.6791	3.5300	1.6166	0.6347	0.2138	0.0073	0.0008	0.0030	0.0061



3D screen shot	Hot spot position
	

System Performance Check (Head, 5800MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/14/2019

Measurement duration: 22 minutes 23 seconds

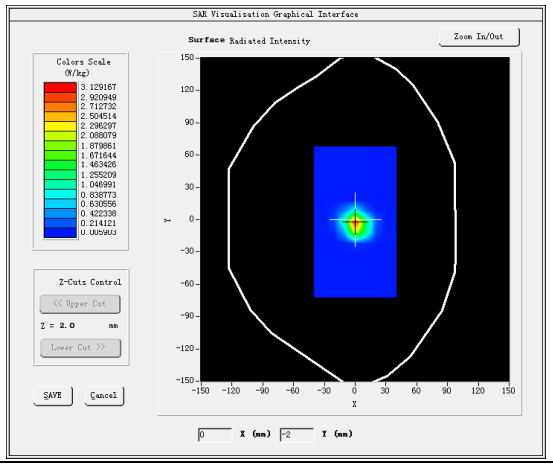
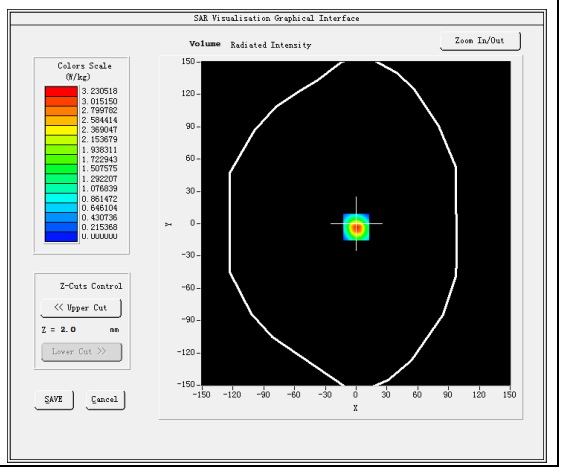
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5800MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5800
Relative permittivity (real part)	35.64
Relative permittivity	16.39
Conductivity (S/m)	5.28
Power drift (%)	-2.58
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.19

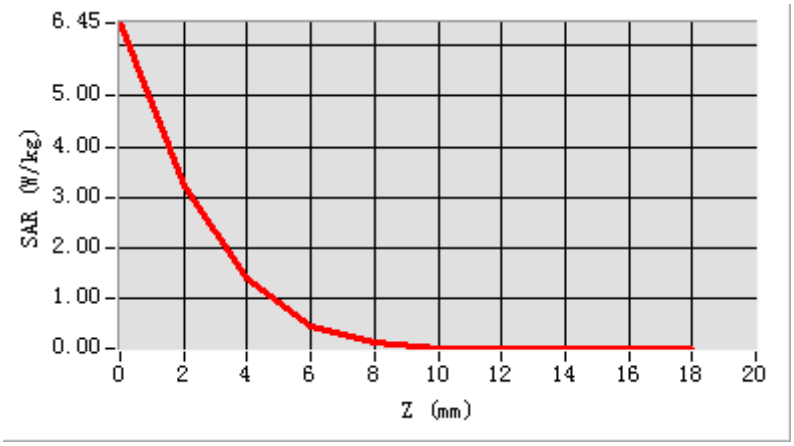
SURFACE SAR	**VOLUME SAR**
	

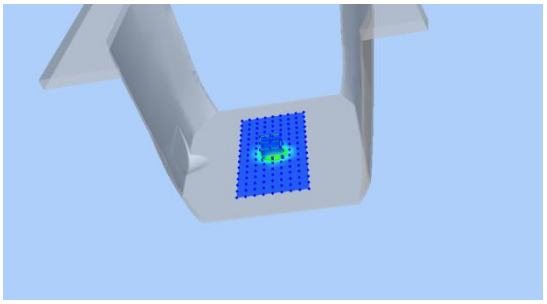
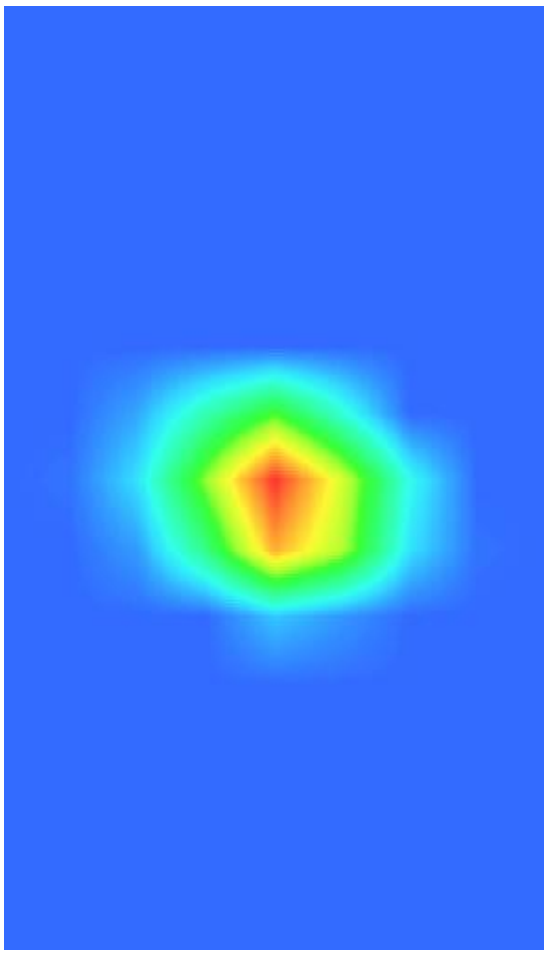
Maximum location: X=0.00, Y=-3.00

SAR Peak: 6.76 W/kg

SAR 10g (W/Kg)	0.358366
SAR 1g (W/Kg)	1.605594

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	6.4529	3.2305	1.4011	0.4212	0.1176	0.0162	0.0008	0.0007	0.0059



3D screen shot	Hot spot position
	

System Performance Check (Body, 5800MHz)

Type: Phone measurement

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=5mm, dy=5mm, dz=4mm

Date of measurement: 12/14/2019

Measurement duration: 22 minutes 24 seconds

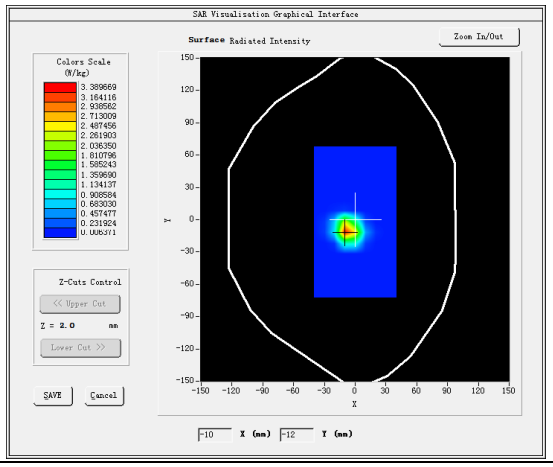
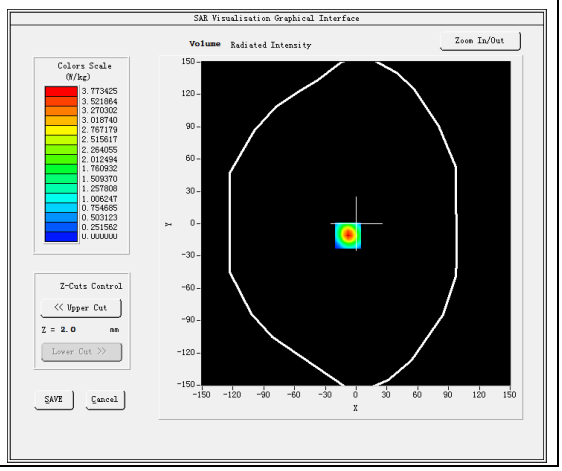
A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	7x7x8,dx=4mm dy=4mm dz=2mm
Device Position	Dipole
Band	5800MHz
Channels	
Signal	CW

B. SAR Measurement Results

Band SAR

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5800
Relative permittivity (real part)	48.65
Relative permittivity	18.59
Conductivity (S/m)	5.99
Power drift (%)	-3.15
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
Crest factor:	1:1
ConvF:	2.26

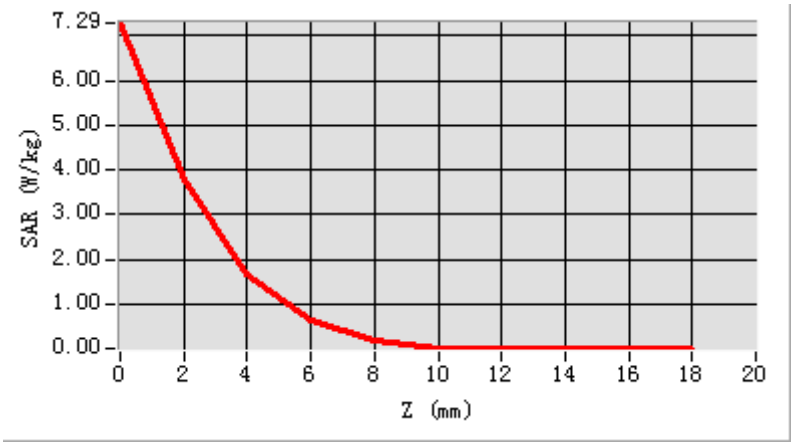
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=-8.00, Y=-11.00

SAR Peak: 7.79 W/kg

SAR 10g (W/Kg)	0.436682
SAR 1g (W/Kg)	1.888474

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	7.2869	3.7734	1.6740	0.6233	0.1918	0.0033	0.0006	0.0028	0.0065



3D screen shot	Hot spot position