



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	750	2021-09-09
System Check	Body	750	2021-09-09
System Check	Head	835	2021-09-10
System Check	Body	835	2021-09-10
System Check	Head	1800	2021-09-13
System Check	Body	1800	2021-09-13
System Check	Head	1900	2021-09-20
System Check	Body	1900	2021-09-20
System Check	Head	2450	2021-09-15
System Check	Body	2450	2021-09-15
System Check	Head	2600	2021-09-16
System Check	Body	2600	2021-09-16
System Check	Head	5200	2021-09-17
System Check	Body	5200	2021-09-17
System Check	Head	5400	2021-09-17
System Check	Body	5400	2021-09-17
System Check	Head	5600	2021-09-18
System Check	Body	5600	2021-09-18
System Check	Head	5800	2021-09-18
System Check	Body	5800	2021-09-18
System Check	Head	750	2021-11-09
System Check	Body	750	2021-11-09

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: 09/09/2021

Measurement duration: 22 minutes 03 seconds

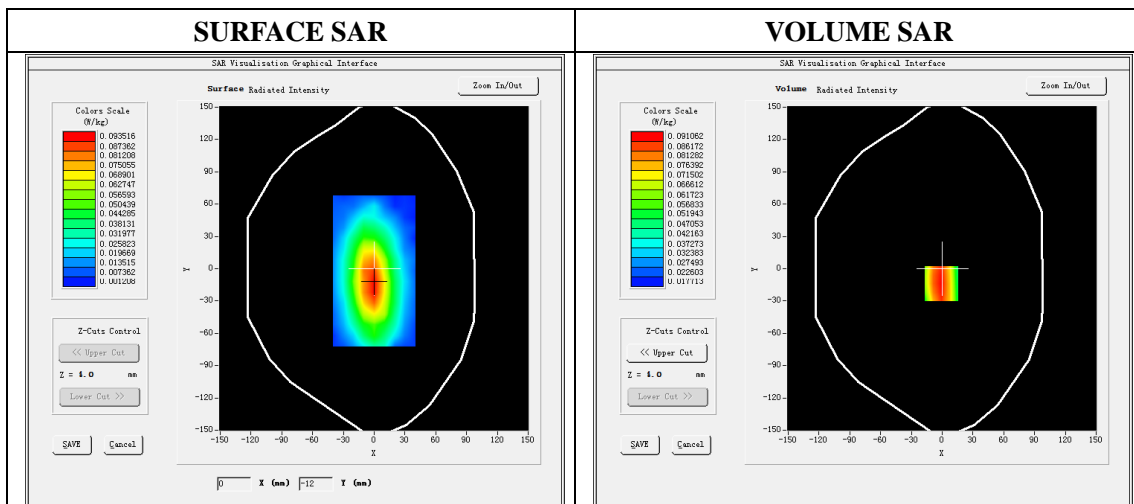
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	750
Relative permittivity (real part)	41.92
Relative permittivity	21.60
Conductivity (S/m)	0.90
Power drift (%)	-4.04
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.6 °C
ConvF:	1.78
Crest factor:	1:1

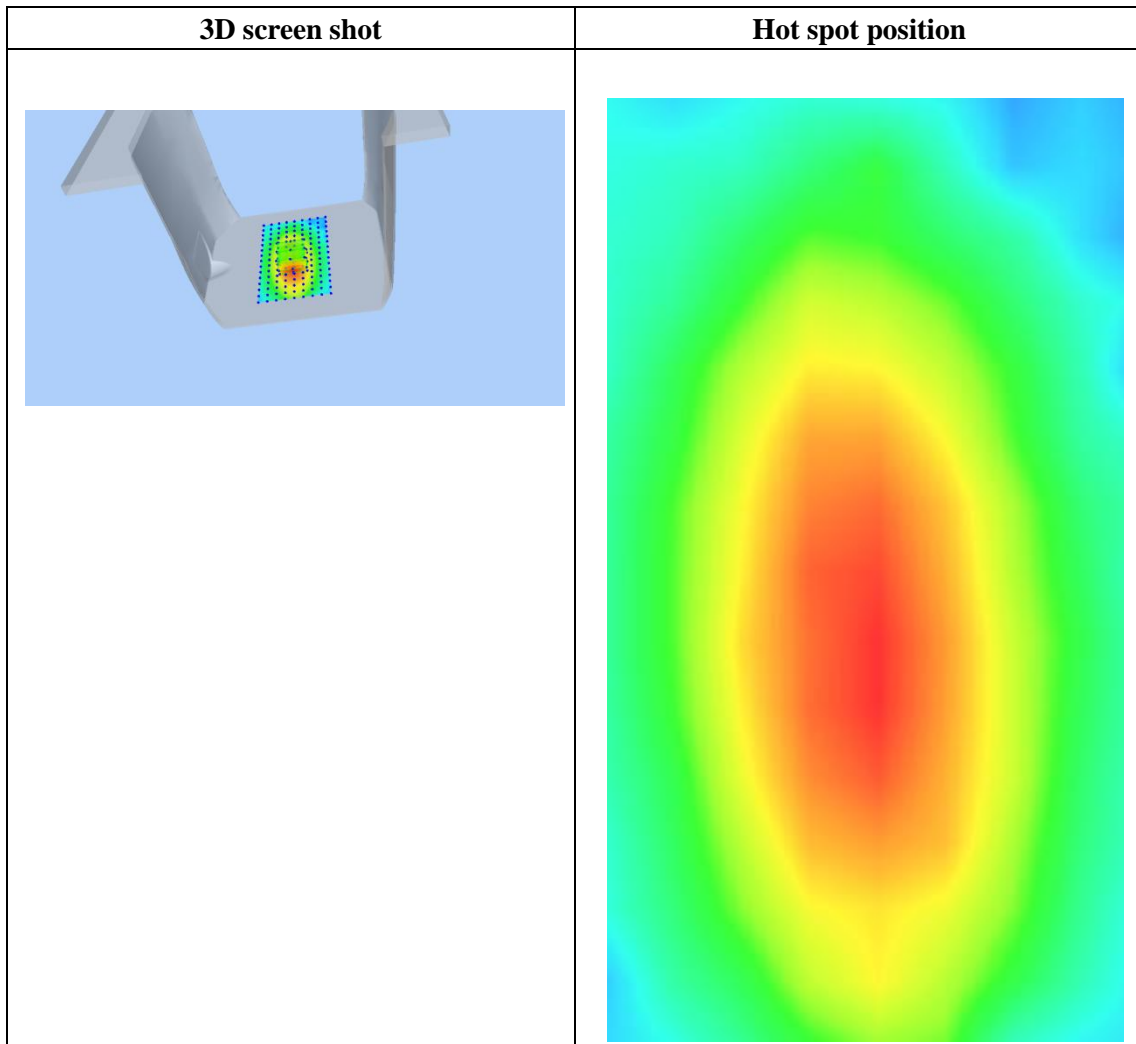
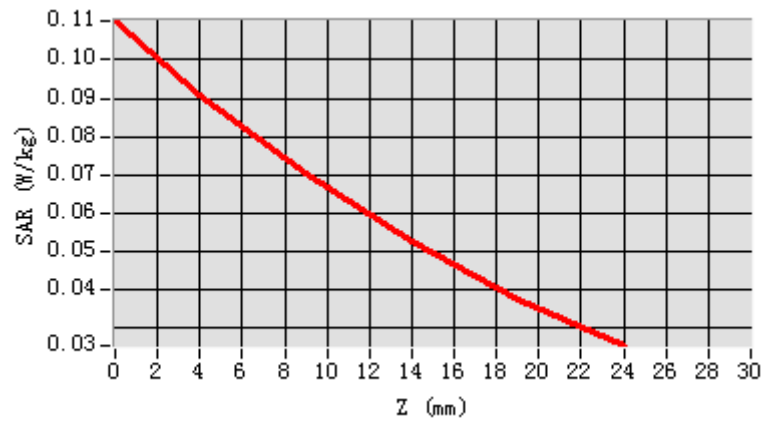


Maximum location: X=-1.00, Y=-14.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.061679
SAR 1g (W/Kg)	0.089008

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1102	0.0911	0.0702	0.0524	0.0376



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: 09/09/2021

Measurement duration: 22 minutes 08 seconds

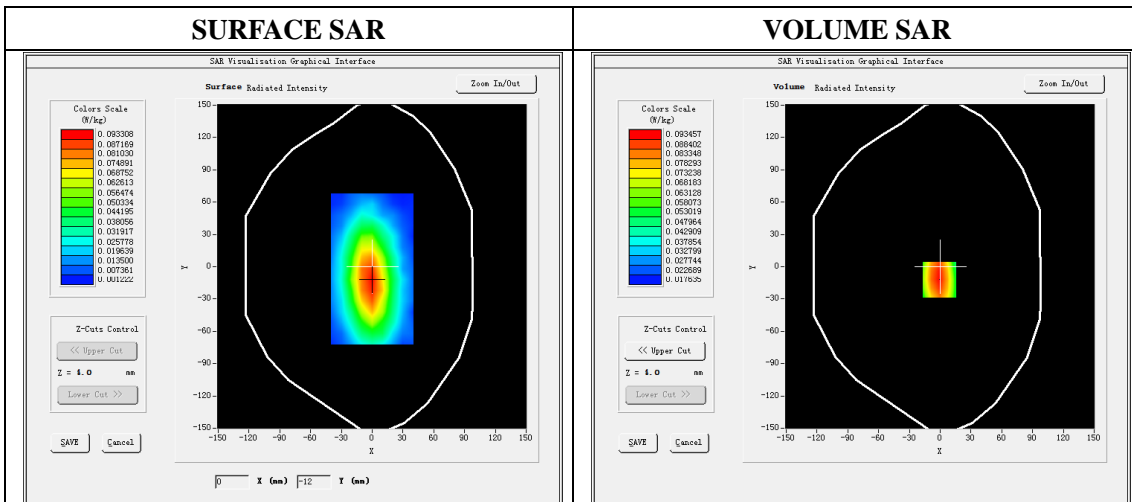
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	750
Relative permittivity (real part)	55.53
Relative permittivity	23.28
Conductivity (S/m)	0.97
Power drift (%)	-1.61
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.6 °C
ConvF:	1.88
Crest factor:	1:1

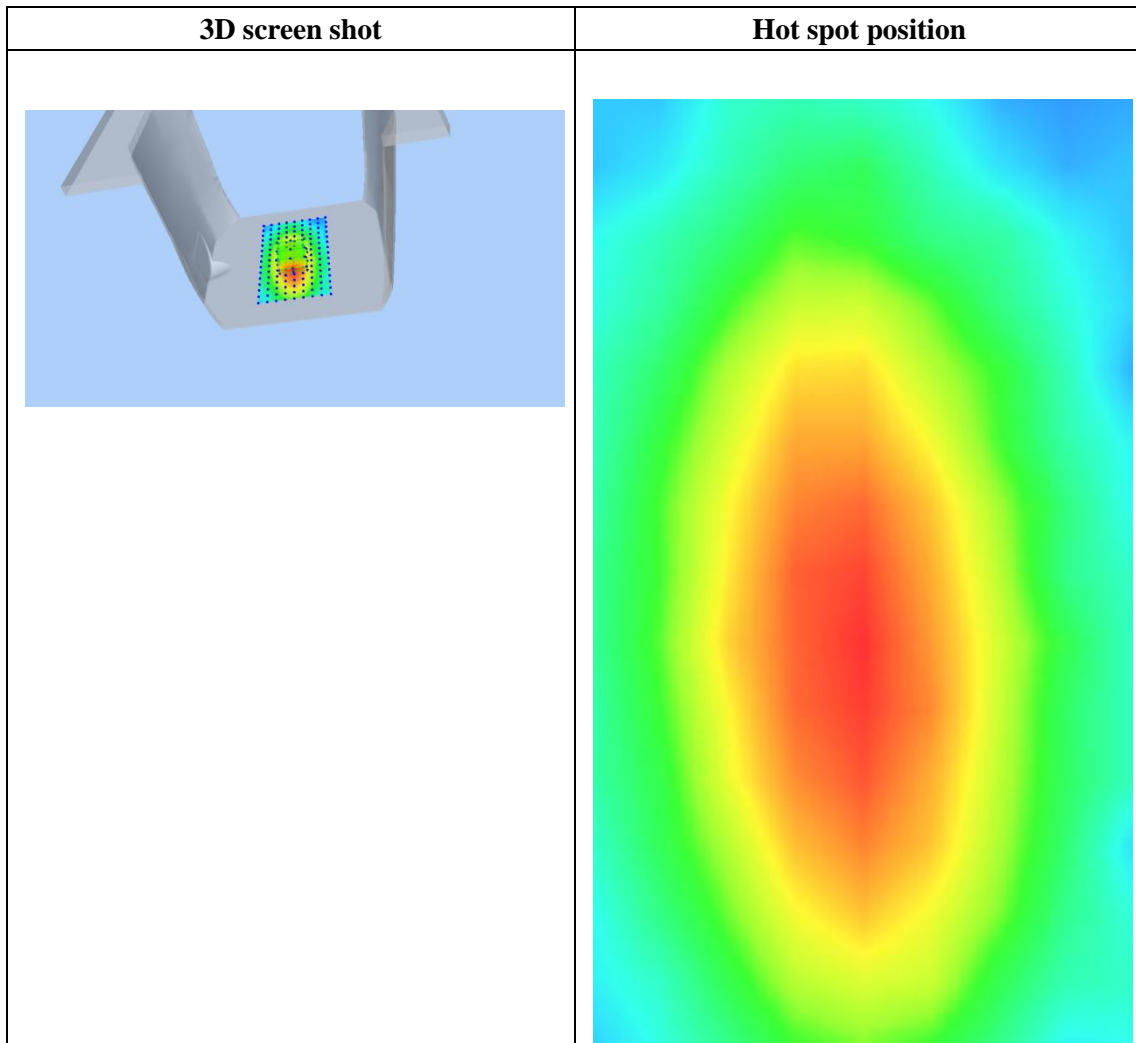
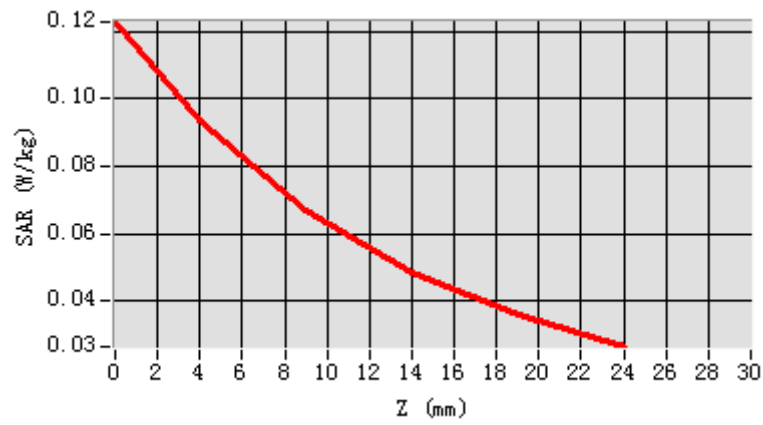


Maximum location: X=-1.00, Y=-12.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.060696
SAR 1g (W/Kg)	0.089625

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1227	0.0935	0.0666	0.0483	0.0358



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: 09/10/2021

Measurement duration: 22 minutes 02 seconds

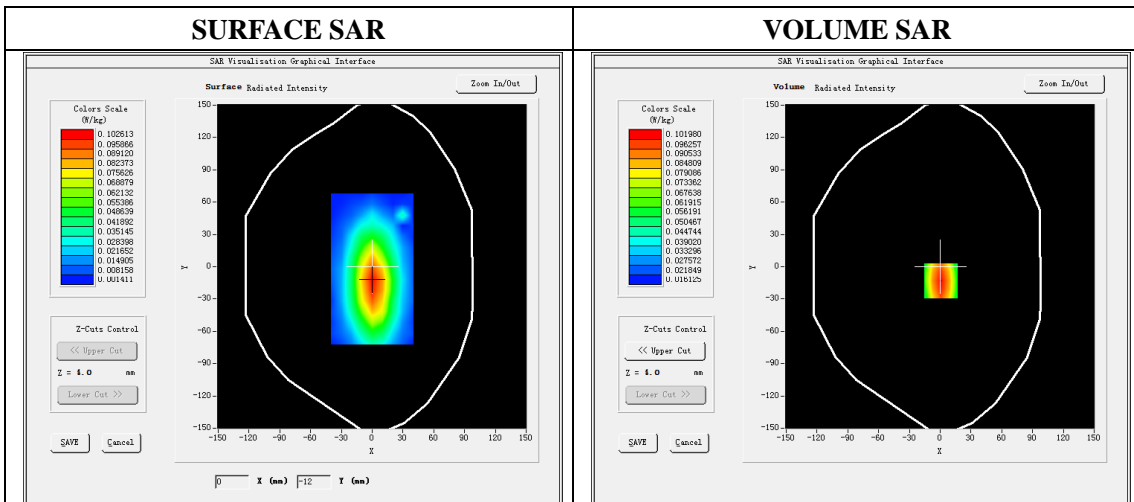
A. Experimental conditions.

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

B. SAR Measurement Results

Band SAR

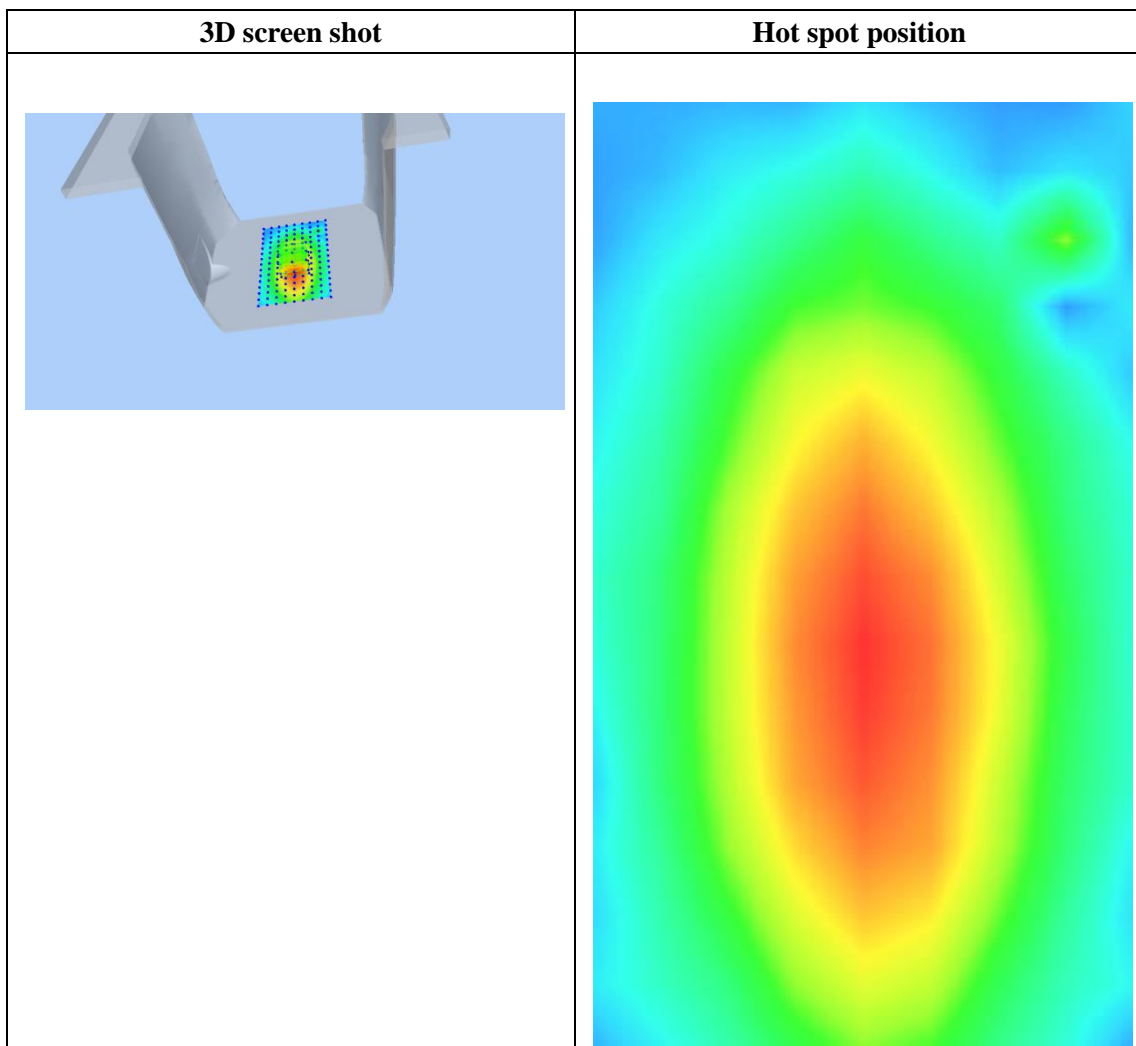
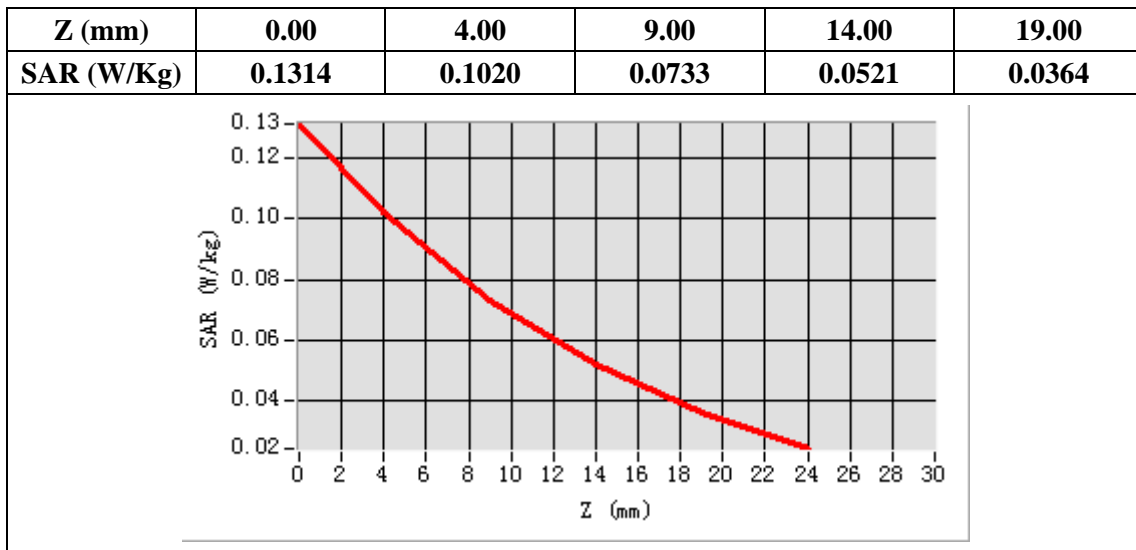
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	835
Relative permittivity (real part)	41.50
Relative permittivity	19.40
Conductivity (S/m)	0.90
Power drift (%)	-2.54
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.6 °C
ConvF:	1.86
Crest factor:	1:1



Maximum location: X=1.00, Y=-13.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.065517
SAR 1g (W/Kg)	0.096887



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: 09/10/2021

Measurement duration: 22 minutes 05 seconds

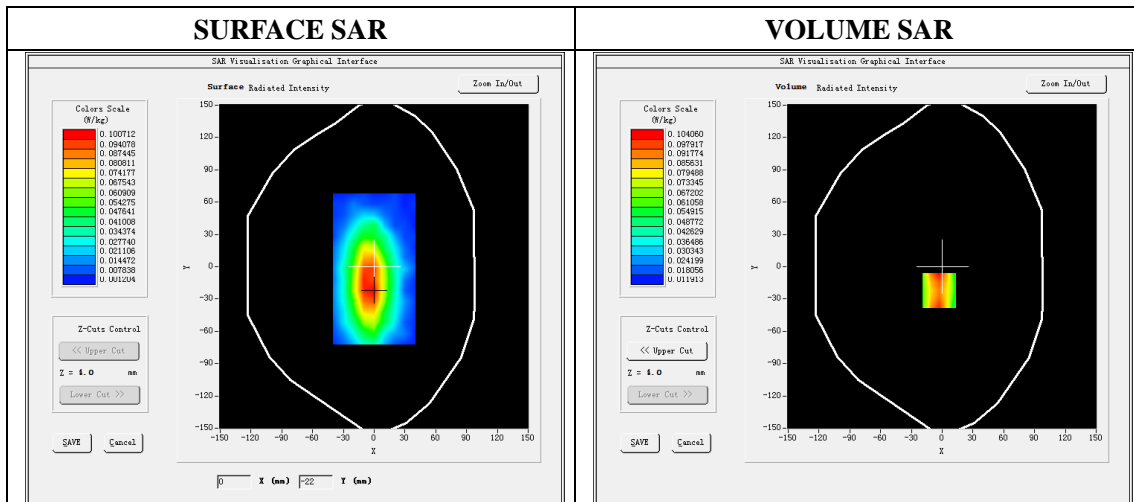
A. Experimental conditions.

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

B. SAR Measurement Results

Band SAR

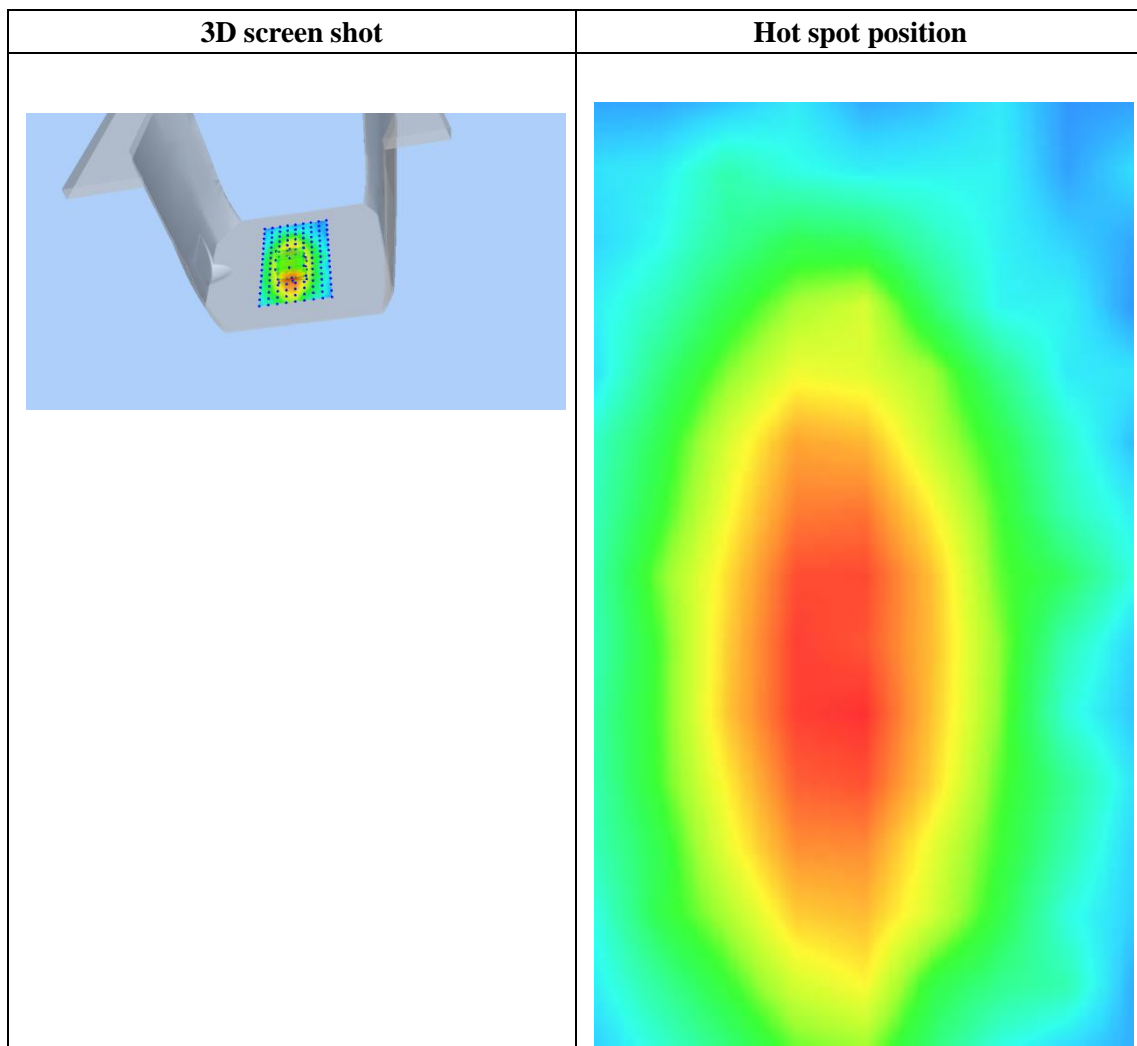
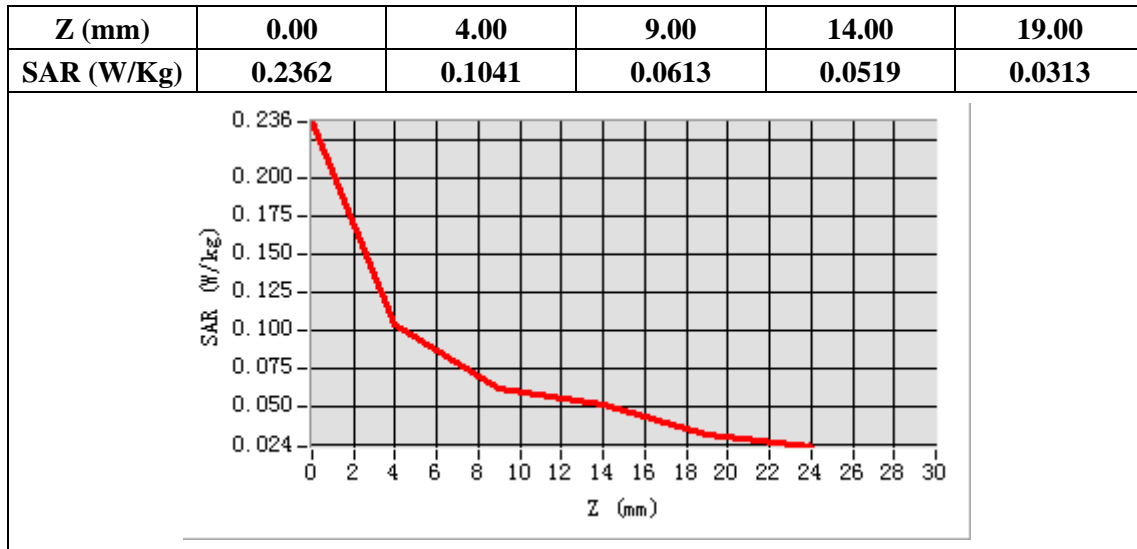
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	835
Relative permittivity (real part)	55.18
Relative permittivity	20.69
Conductivity (S/m)	0.96
Power drift (%)	-1.49
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.6 °C
ConvF:	1.90
Crest factor:	1:1



Maximum location: X=-3.00, Y=-22.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.064771
SAR 1g (W/Kg)	0.098324



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: 09/13/2021

Measurement duration: 22 minutes 06 seconds

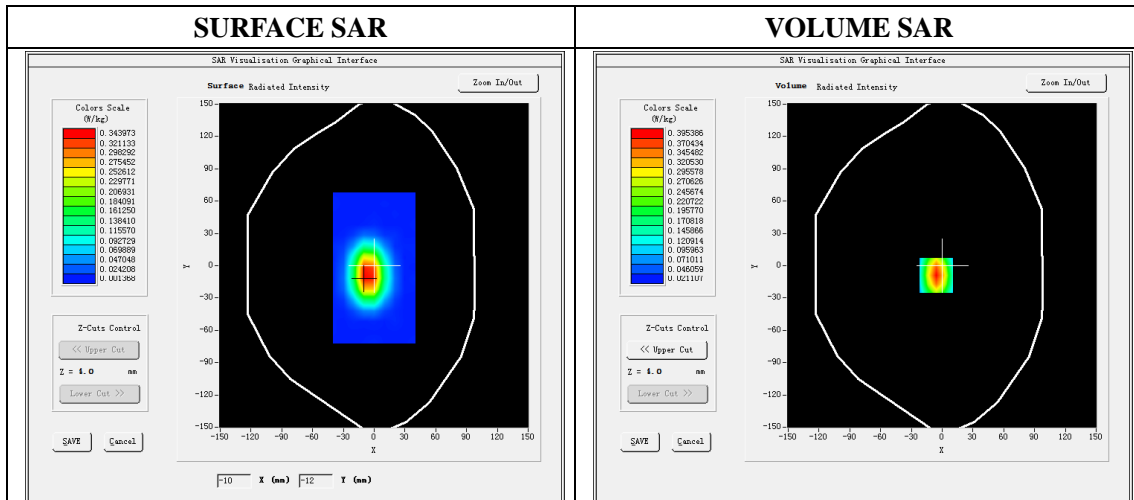
A. Experimental conditions.

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

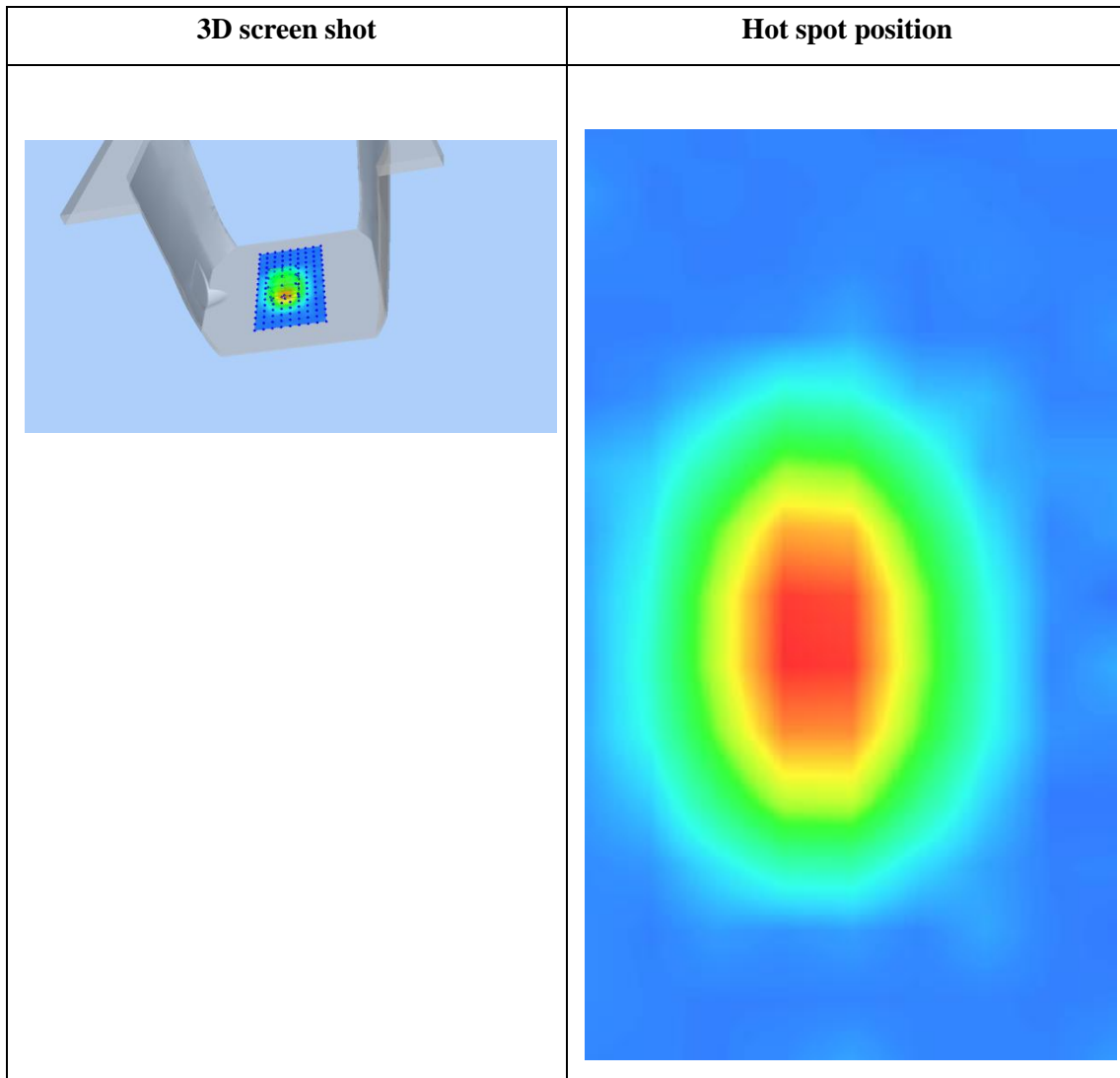
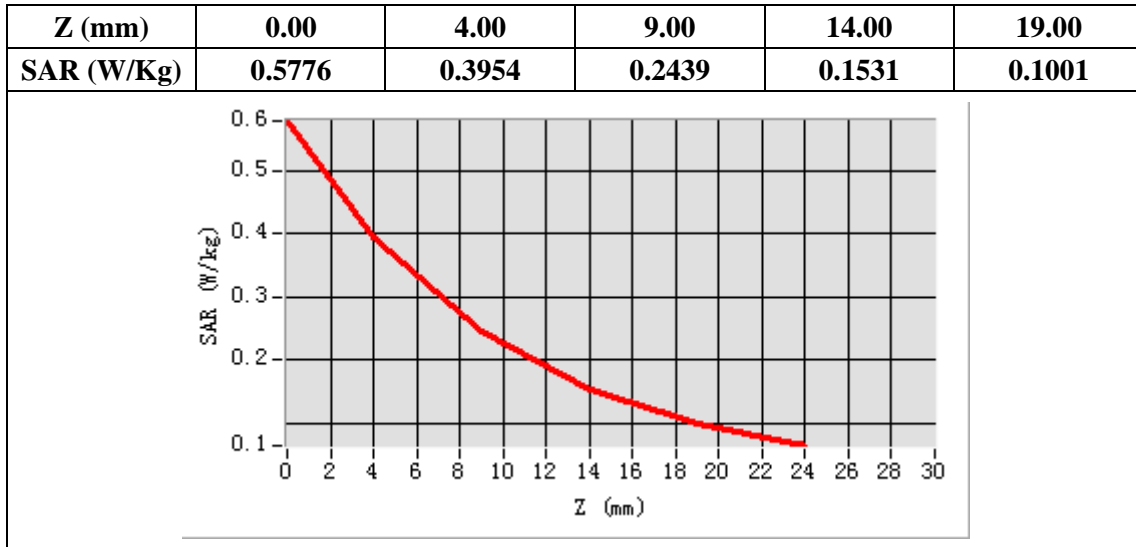
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	1800
Relative permittivity (real part)	40.48
Relative permittivity	13.90
Conductivity (S/m)	1.39
Power Drift (%)	-1.31
Ambient Temperature:	22.1 °C
Liquid Temperature:	22.6 °C
ConvF:	2.04
Duty factor:	1:1



Maximum location: X=-6.00, Y=-9.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.205531
SAR 1g (W/Kg)	0.370227



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: 09/13/2021

Measurement duration: 22 minutes 06 seconds

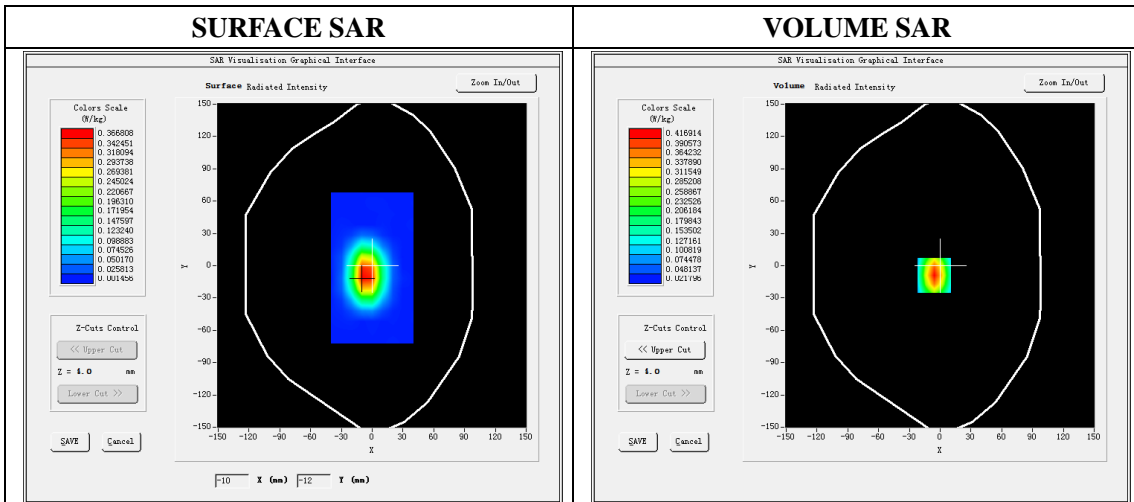
A. Experimental conditions.

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

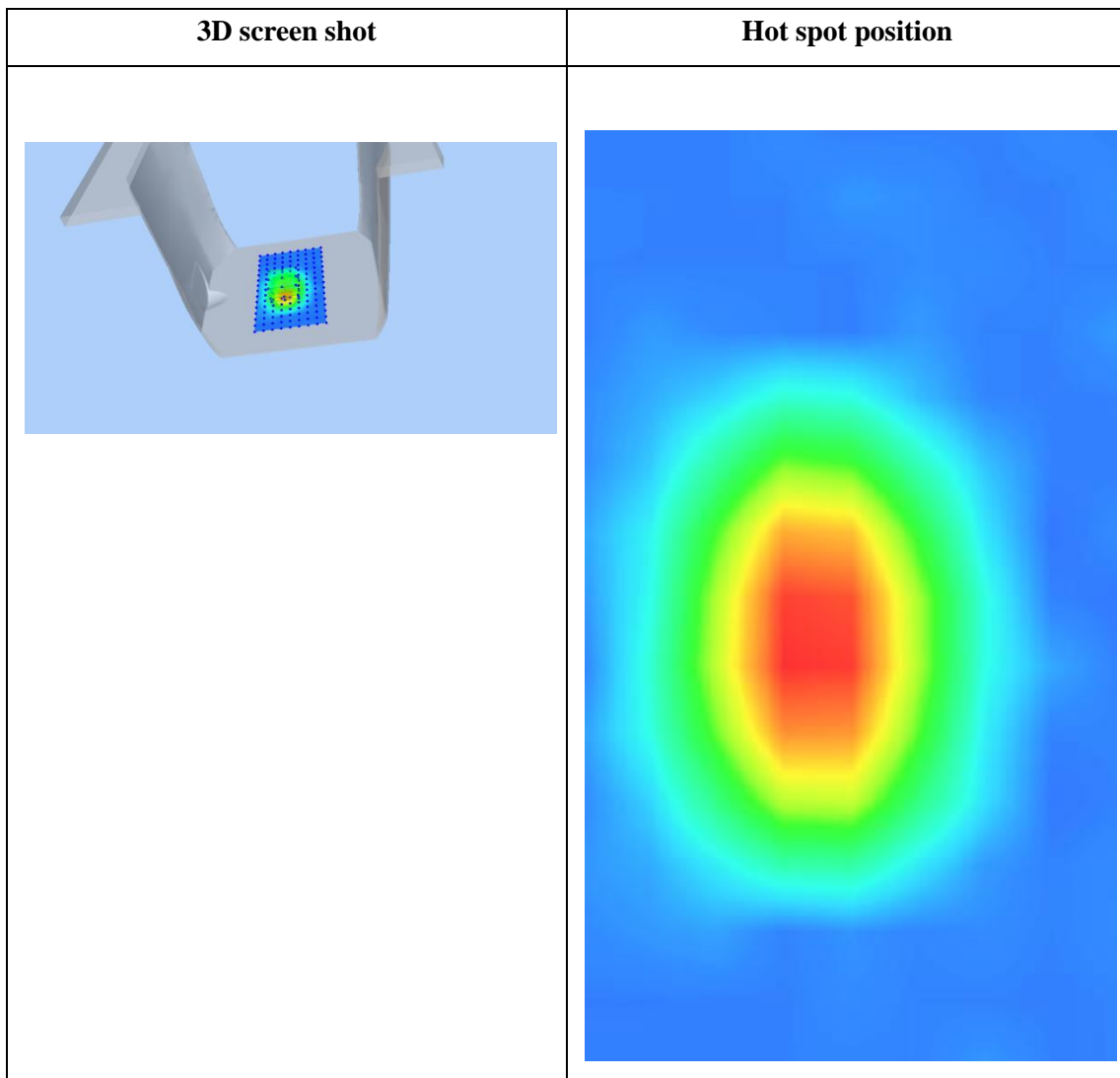
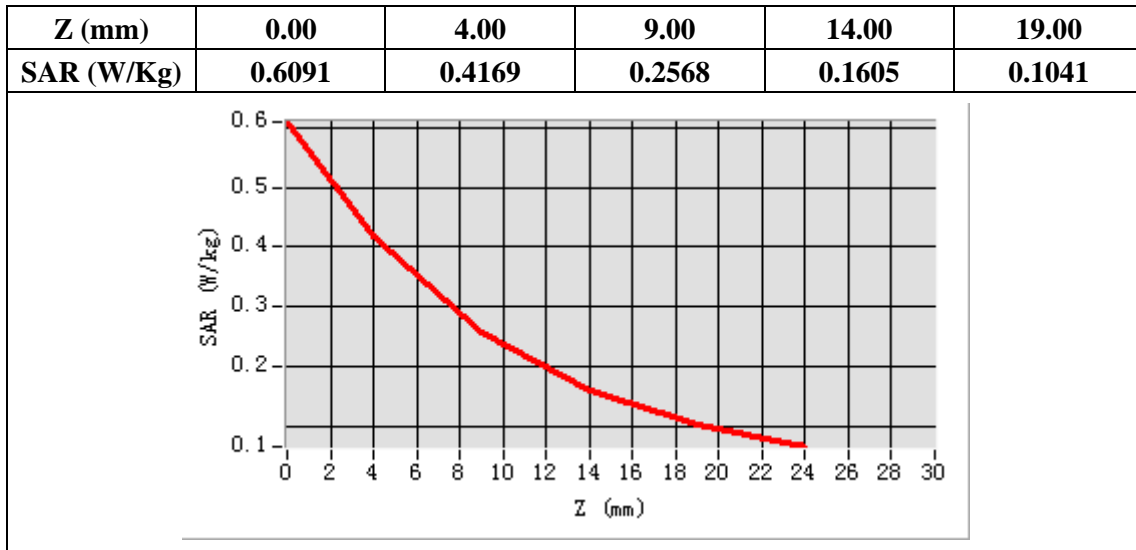
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	1800
Relative permittivity (real part)	53.27
Relative permittivity	15.10
Conductivity (S/m)	1.51
Power Drift (%)	-2.08
Ambient Temperature:	22.1 °C
Liquid Temperature:	22.6 °C
ConvF:	2.09
Duty factor:	1:1



Maximum location: X=-6.00, Y=-9.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.213722
SAR 1g (W/Kg)	0.383968



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: 09/20/2021

Measurement duration: 22 minutes 08 seconds

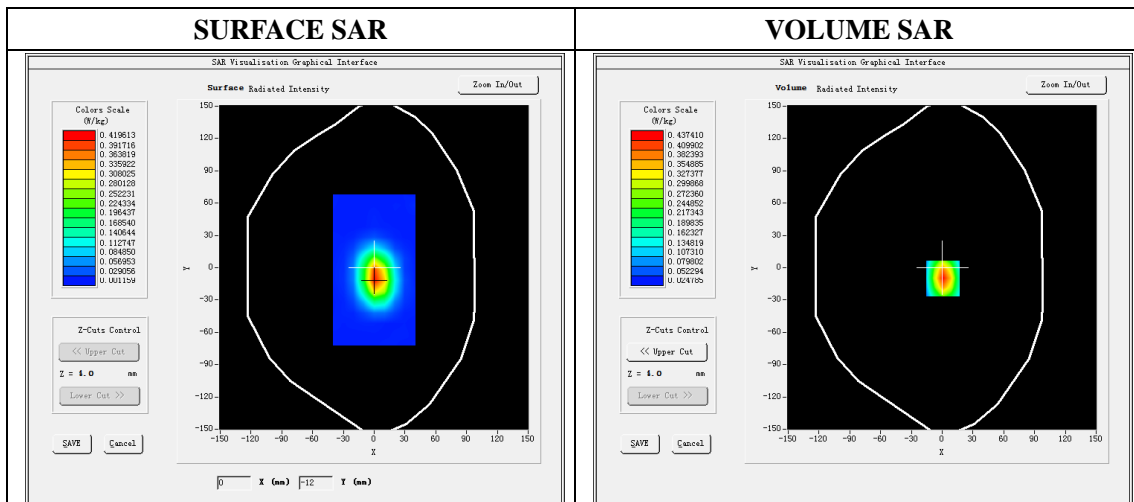
A. Experimental conditions.

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

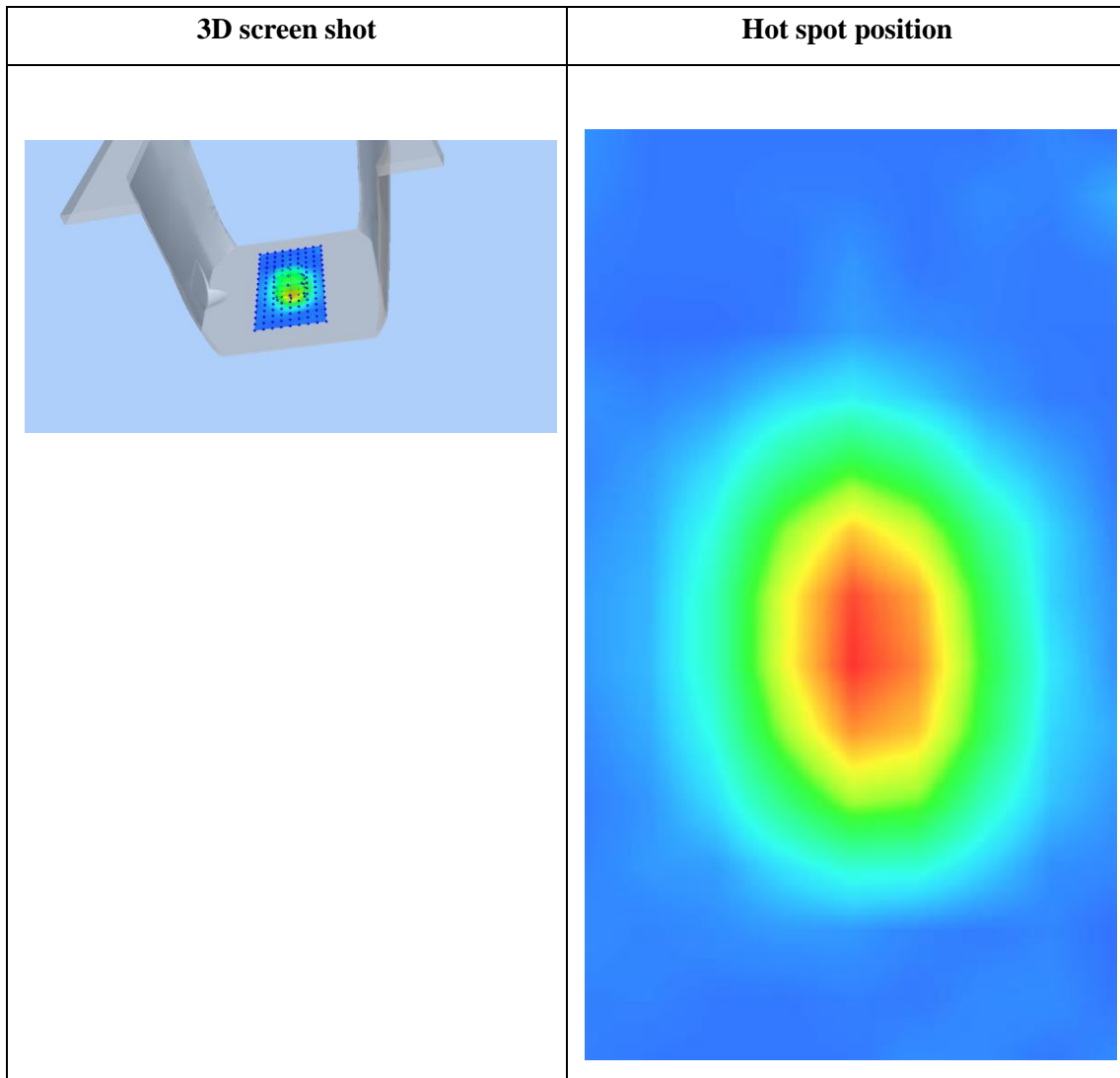
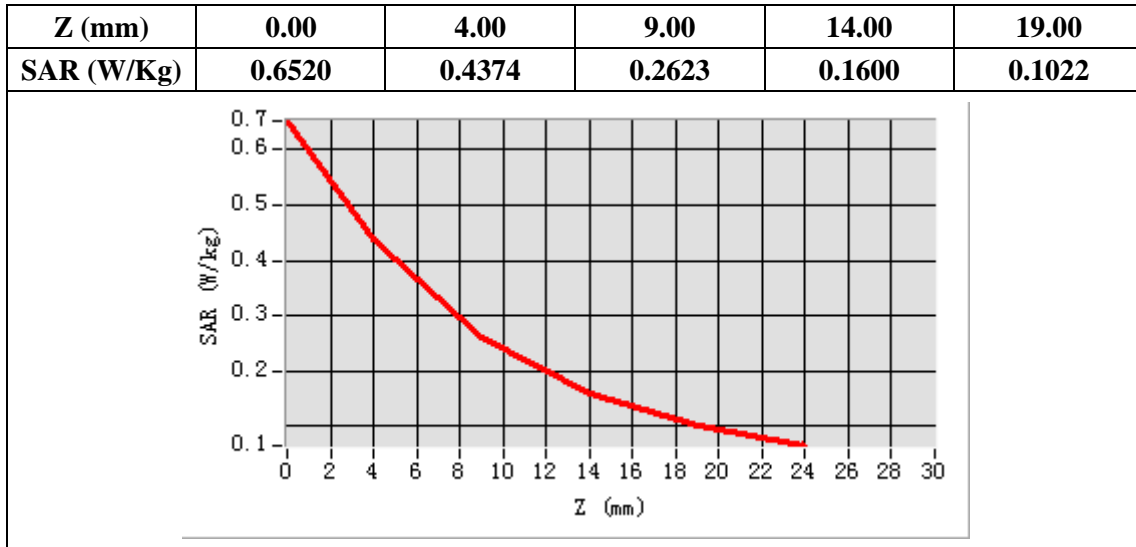
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	1900
Relative permittivity (real part)	40.55
Relative permittivity	13.55
Conductivity (S/m)	1.43
Power Drift (%)	-4.40
Ambient Temperature:	22.1 °C
Liquid Temperature:	22.6 °C
ConvF:	2.20
Duty factor:	1:1



Maximum location: X=1.00, Y=-10.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.219507
SAR 1g (W/Kg)	0.402382



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: 09/20/2021

Measurement duration: 22 minutes 09 seconds

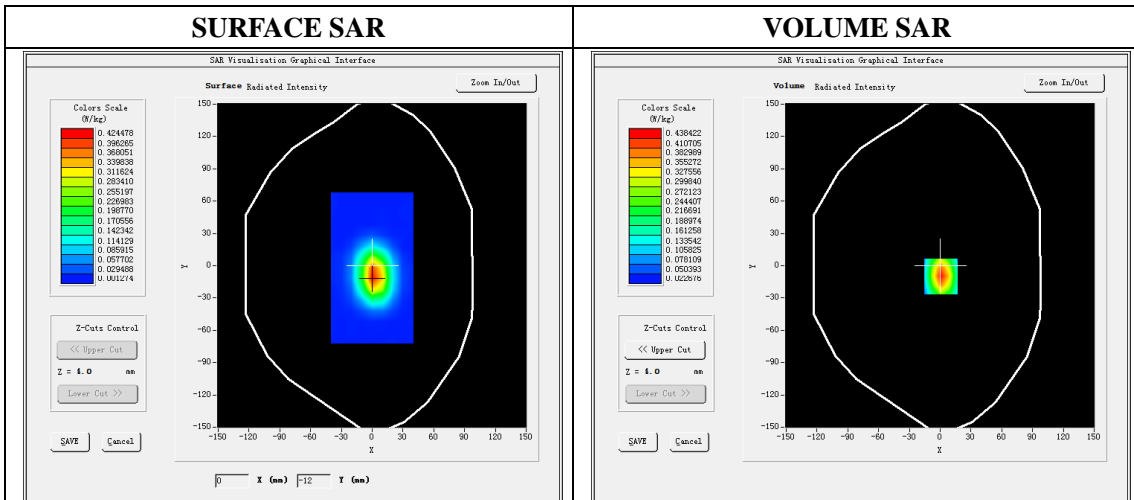
A. Experimental conditions.

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

B. SAR Measurement Results

Band SAR

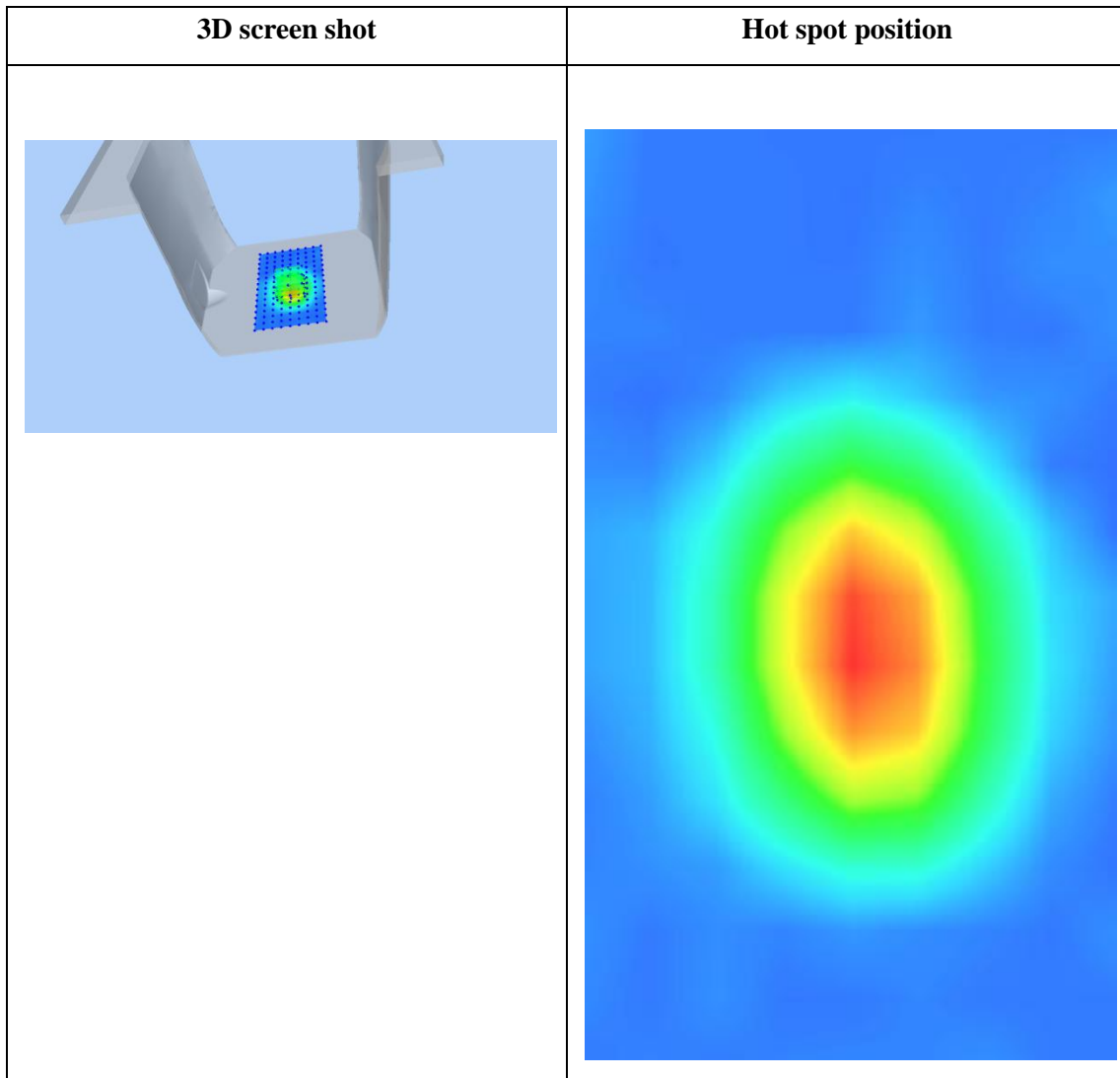
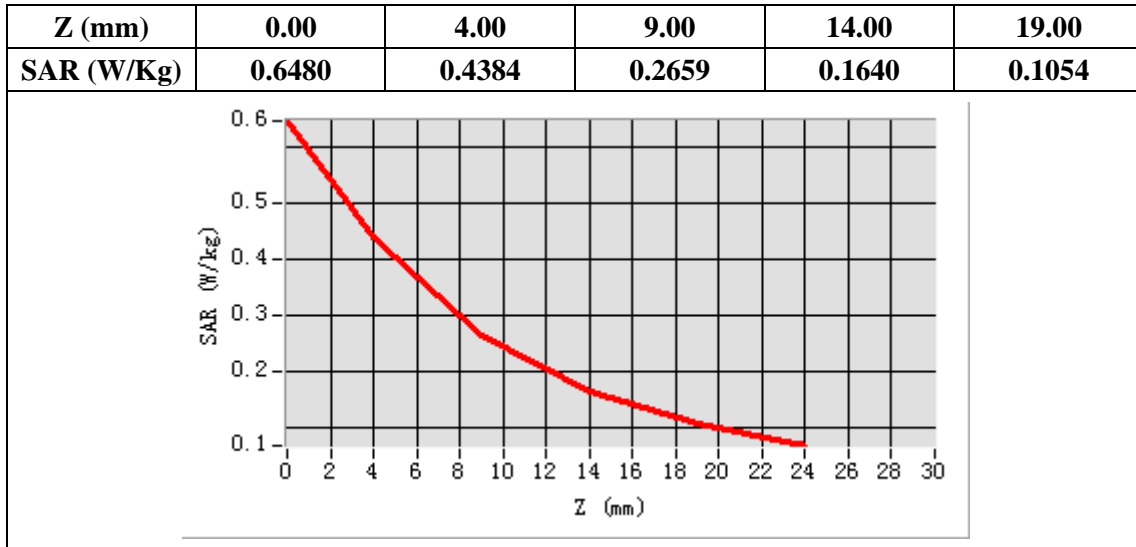
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	1900
Relative permittivity (real part)	53.25
Relative permittivity	14.21
Conductivity (S/m)	1.50
Power Drift (%)	-3.65
Ambient Temperature:	22.1 °C
Liquid Temperature:	22.6 °C
ConvF:	2.26
Duty factor:	1:1



Maximum location: X=1.00, Y=-10.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.221424
SAR 1g (W/Kg)	0.403576



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: 09/15/2021

Measurement duration: 22 minutes 09 seconds

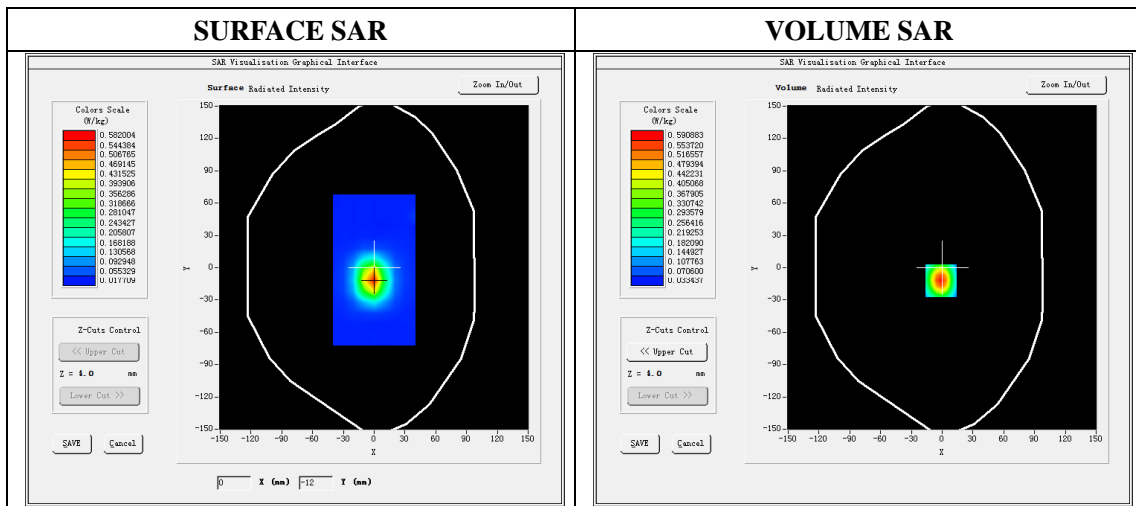
A. Experimental conditions.

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

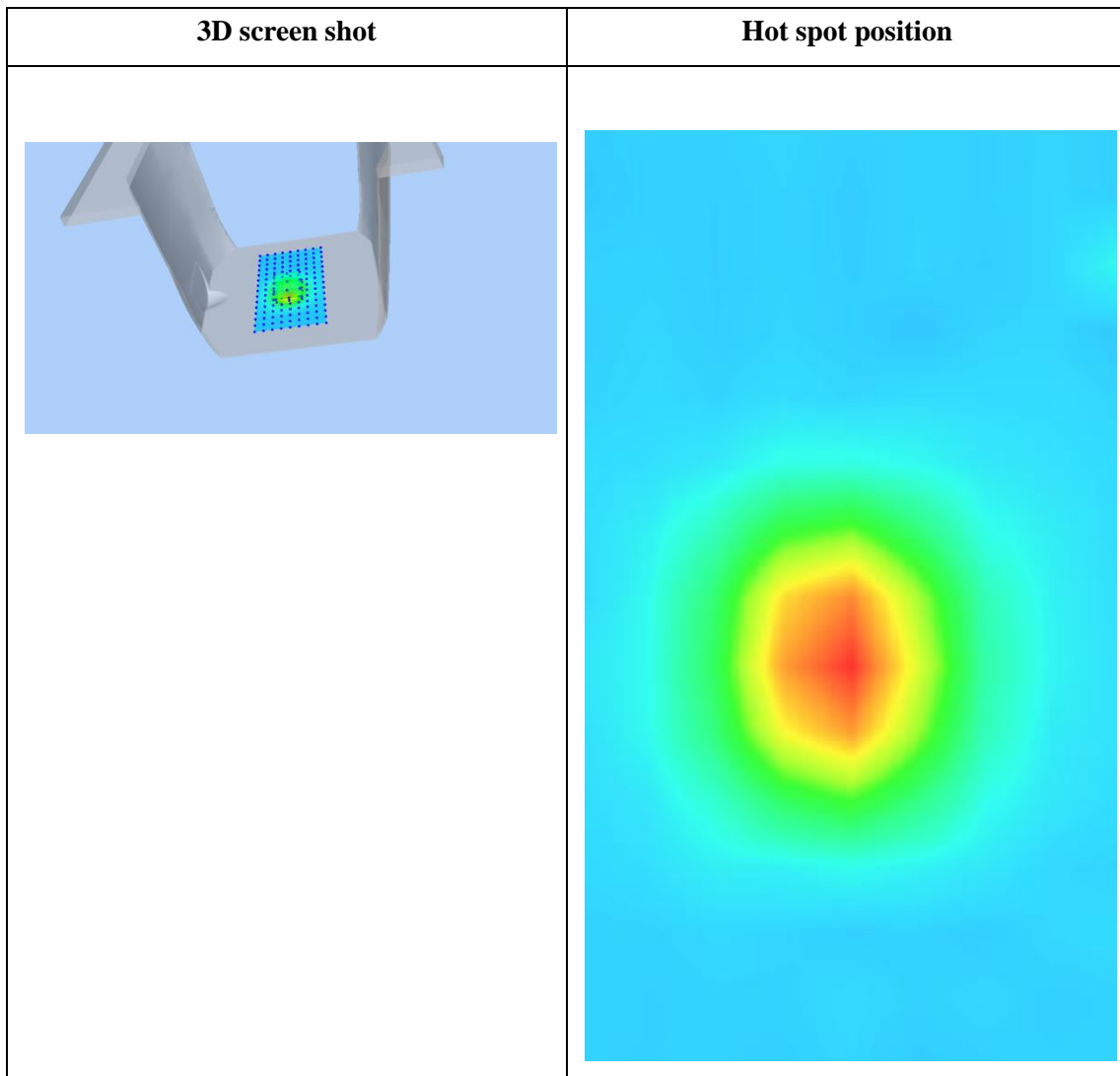
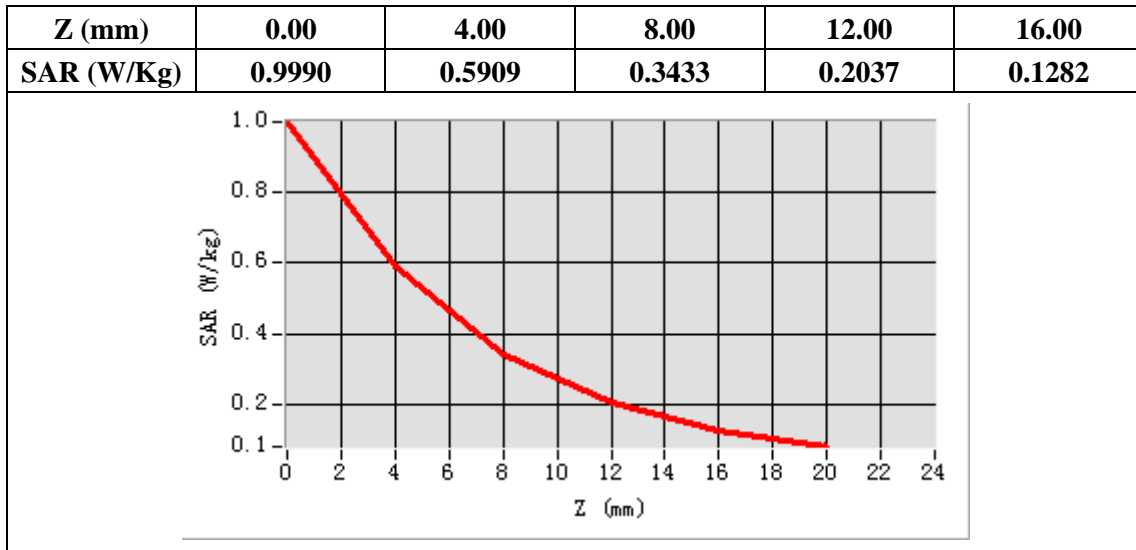
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	2450
Relative permittivity (real part)	39.11
Relative permittivity	12.78
Conductivity (S/m)	1.74
Power Drift (%)	0.03
Ambient Temperature:	22.1 °C
Liquid Temperature:	22.6 °C
ConvF:	2.18
Duty factor:	1:1



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

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.261102
SAR 1g (W/Kg)	0.530572



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: 09/15/2021

Measurement duration: 22 minutes 03 seconds

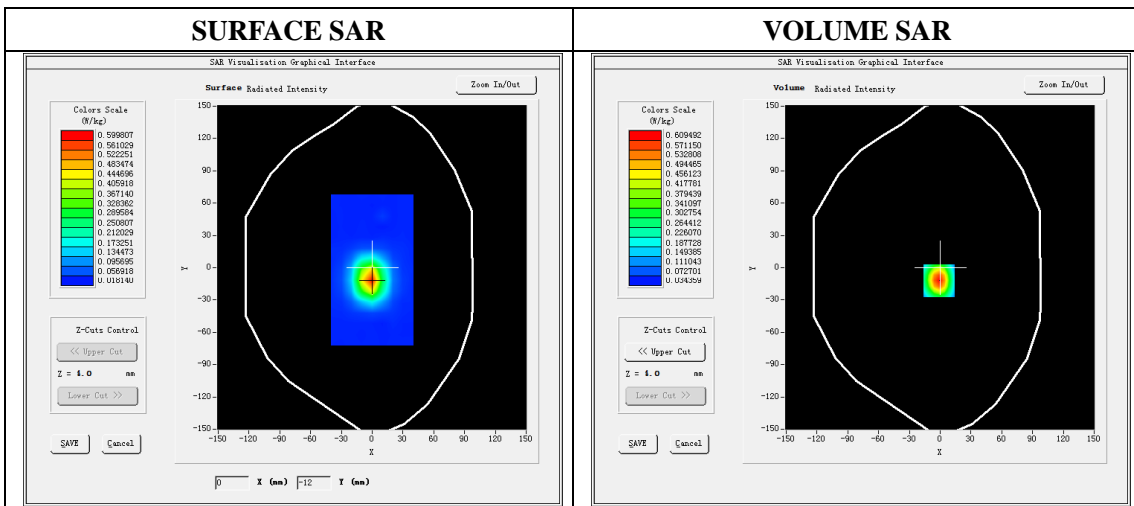
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	2450
Relative permittivity (real part)	52.75
Relative permittivity	14.55
Conductivity (S/m)	1.98
Power Drift (%)	-0.10
Ambient Temperature:	22.1 °C
Liquid Temperature:	22.6 °C
ConvF:	2.47
Duty factor:	1:1

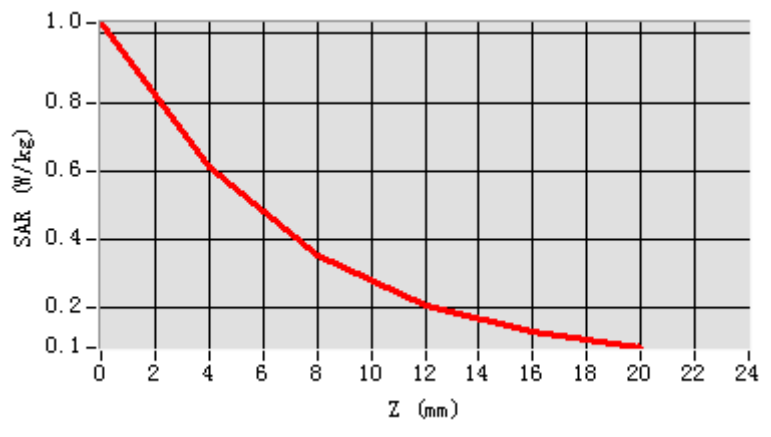


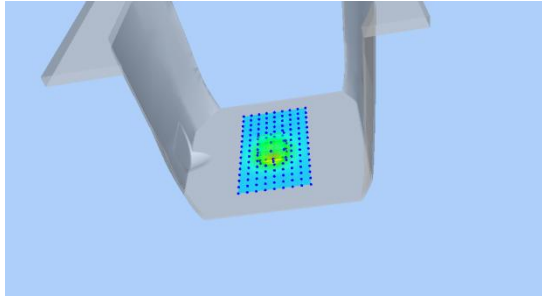
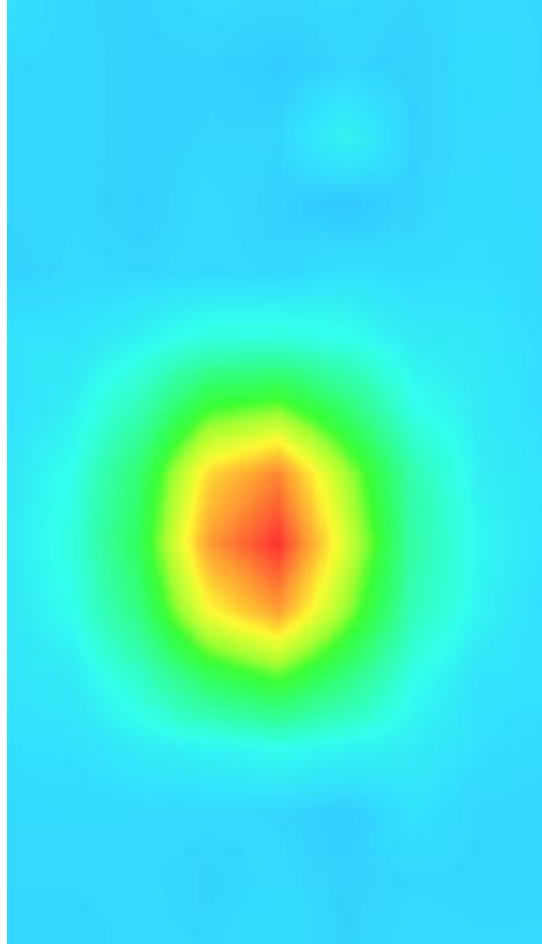
Maximum location: X=-1.00, Y=-12.00

SAR Peak: 1.03 W/kg

SAR 10g (W/Kg)	0.271121
SAR 1g (W/Kg)	0.553243

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0320	0.6095	0.3536	0.2096	0.1321



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: 09/16/2021

Measurement duration: 22 minutes 12 seconds

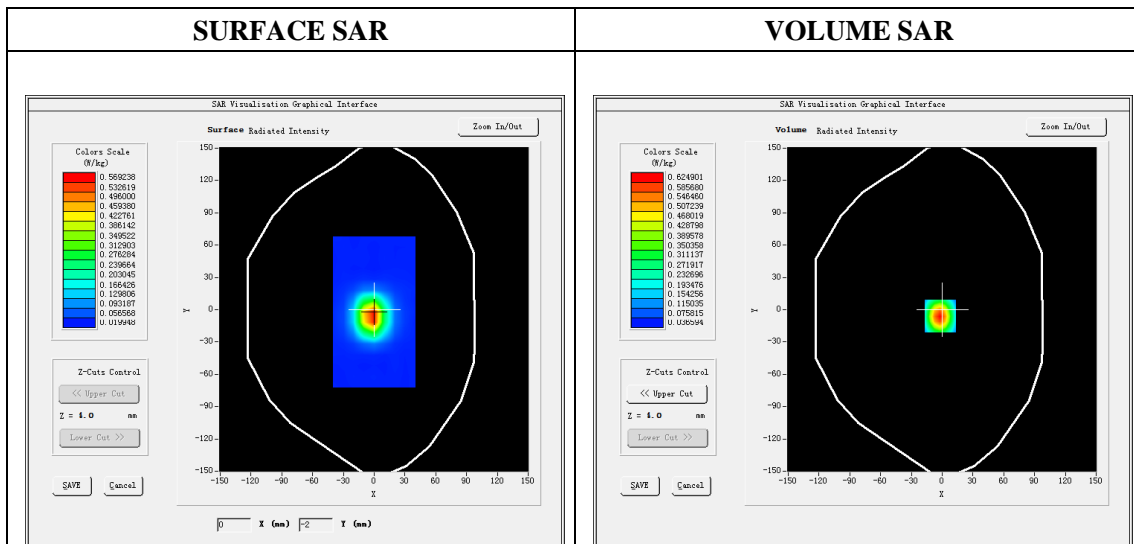
A. Experimental conditions.

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

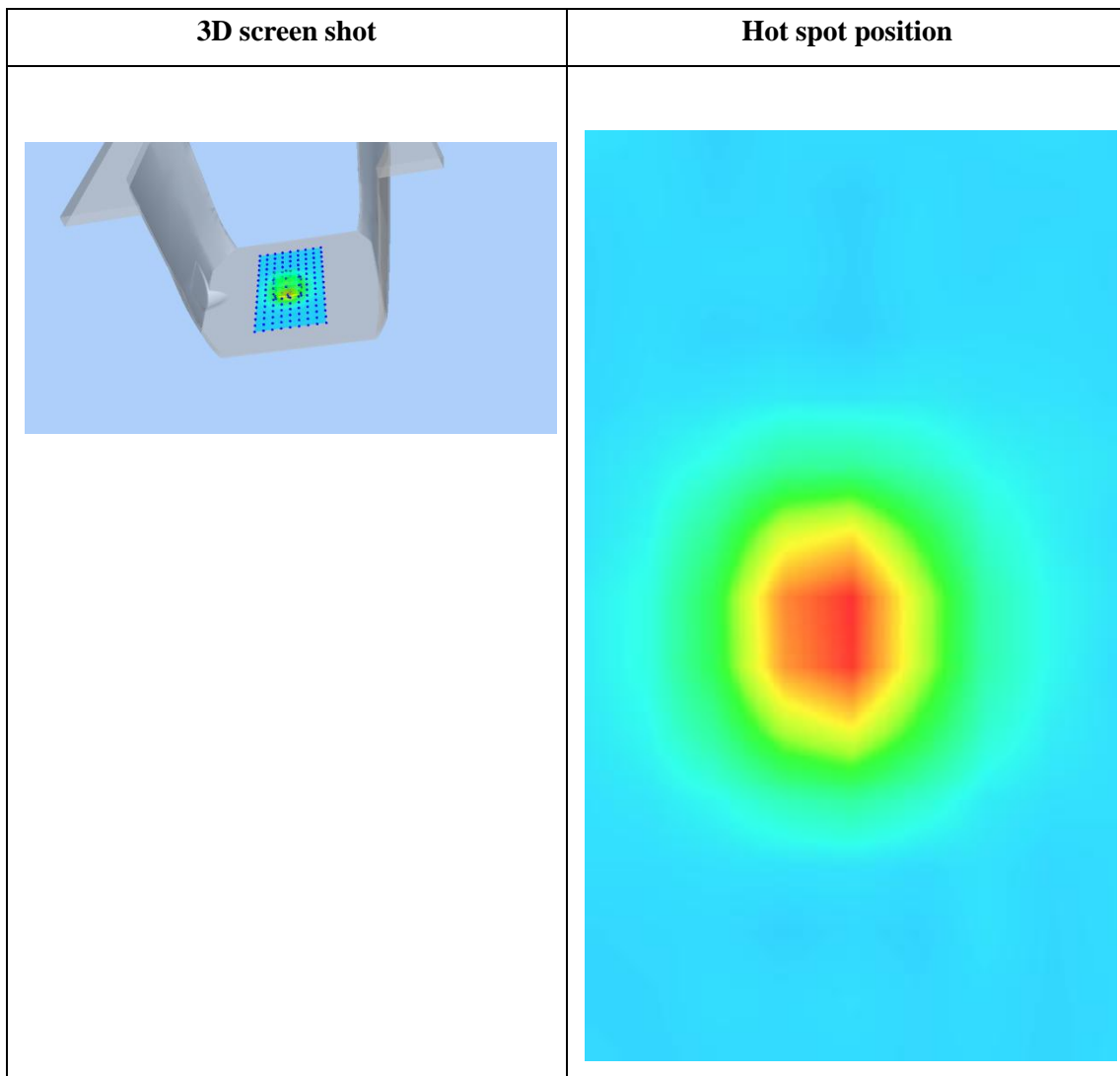
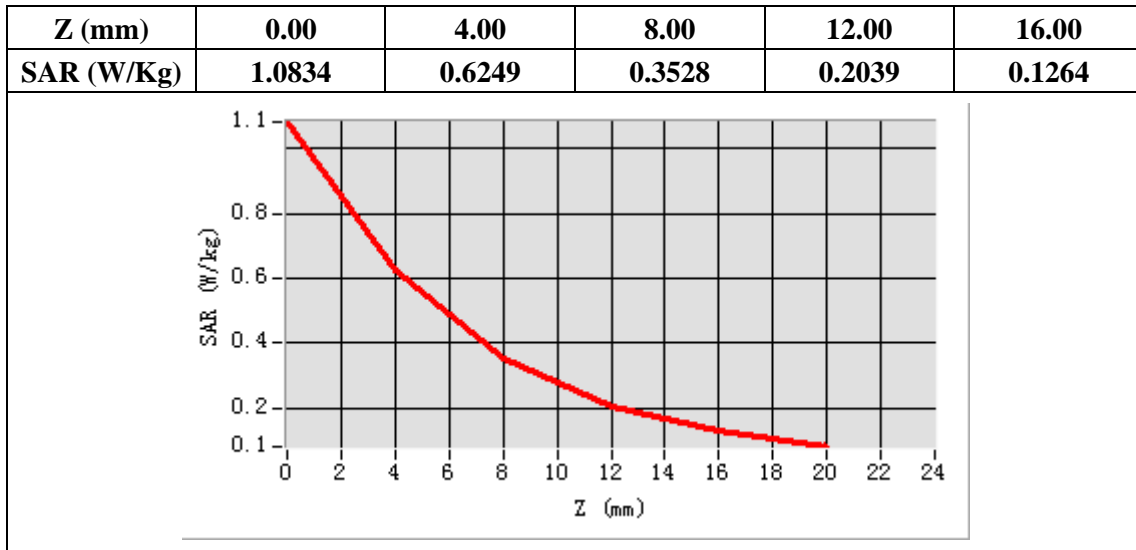
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	2600
Relative permittivity (real part)	38.93
Relative permittivity	13.43
Conductivity (S/m)	1.94
Power drift (%)	-0.89
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.07



Maximum location: X=-2.00, Y=-6.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.269202
SAR 1g (W/Kg)	0.559572



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: 09/16/2021

Measurement duration: 22 minutes 11 seconds

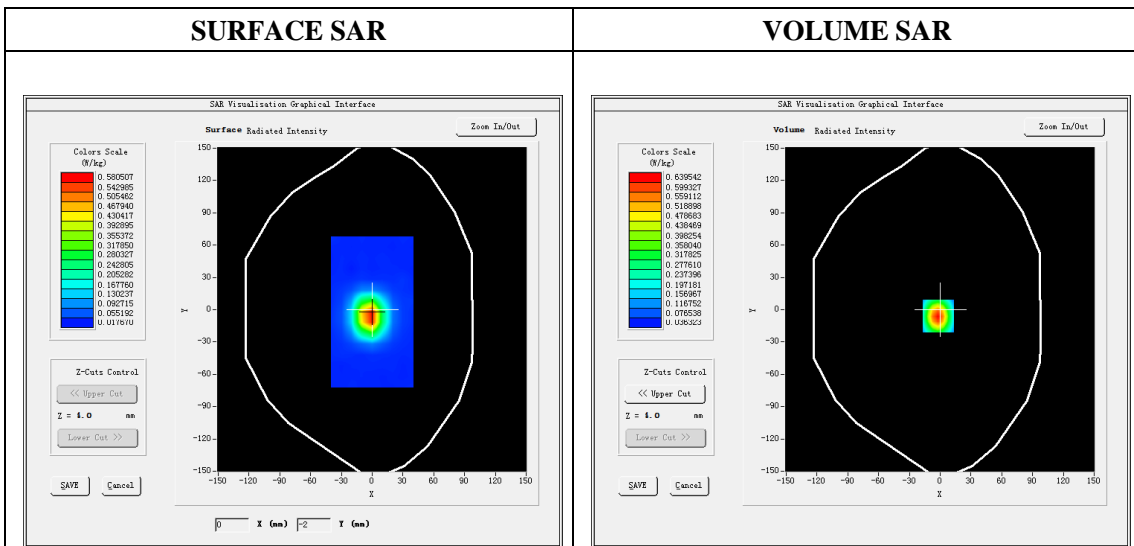
A. Experimental conditions.

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

B. SAR Measurement Results

Band SAR

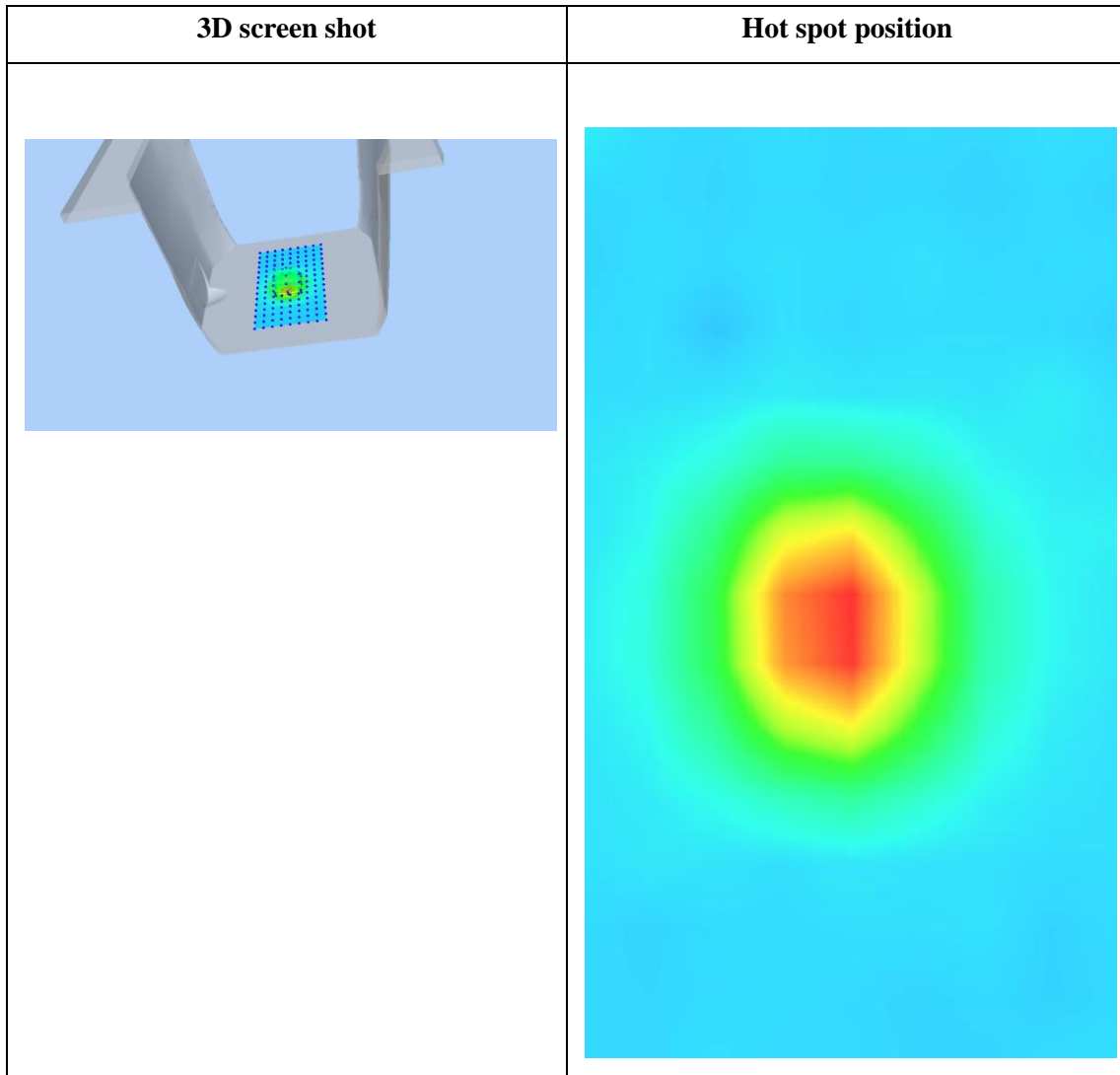
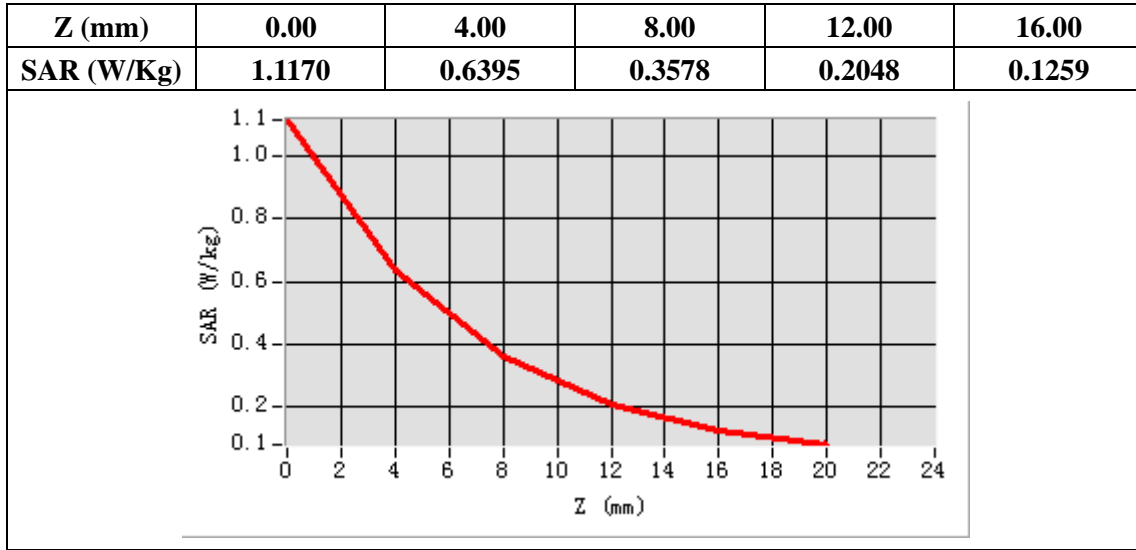
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	2600
Relative permittivity (real part)	52.53
Relative permittivity	15.02
Conductivity (S/m)	2.17
Power drift (%)	-0.57
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.25



Maximum location: X=-2.00, Y=-6.00

SAR Peak: 1.12 W/kg

SAR 10g (W/Kg)	0.273690
SAR 1g (W/Kg)	0.574495



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: 09/17/2021

Measurement duration: 22 minutes 13 seconds

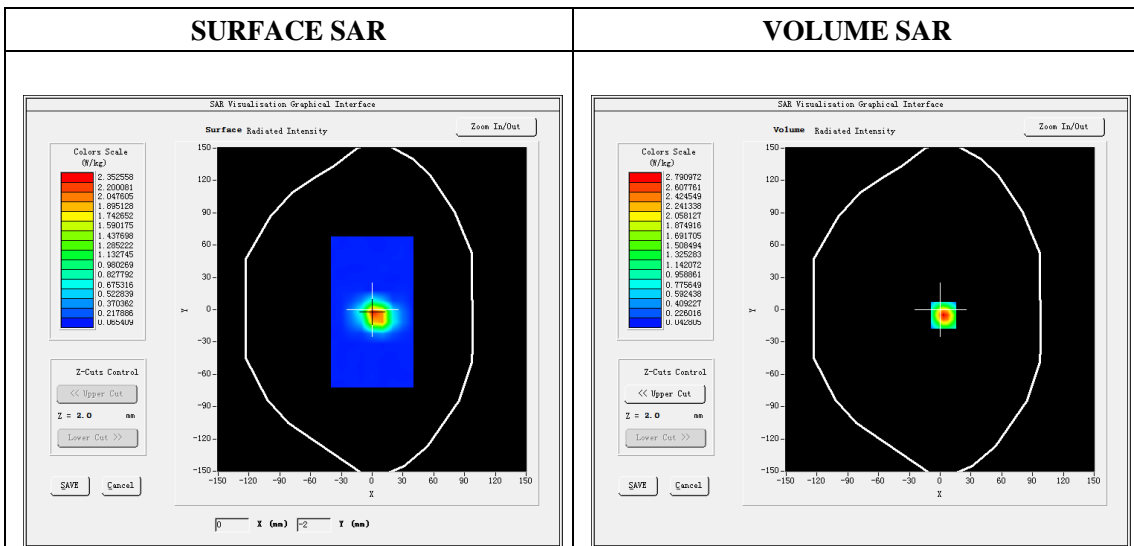
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5200
Relative permittivity (real part)	35.94
Relative permittivity	15.99
Conductivity (S/m)	4.62
Power drift (%)	0.99
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.02

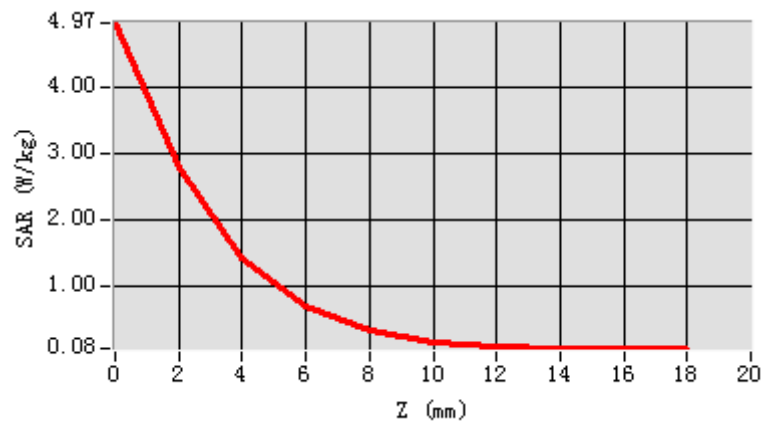


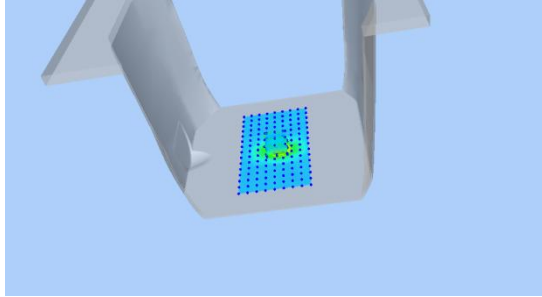
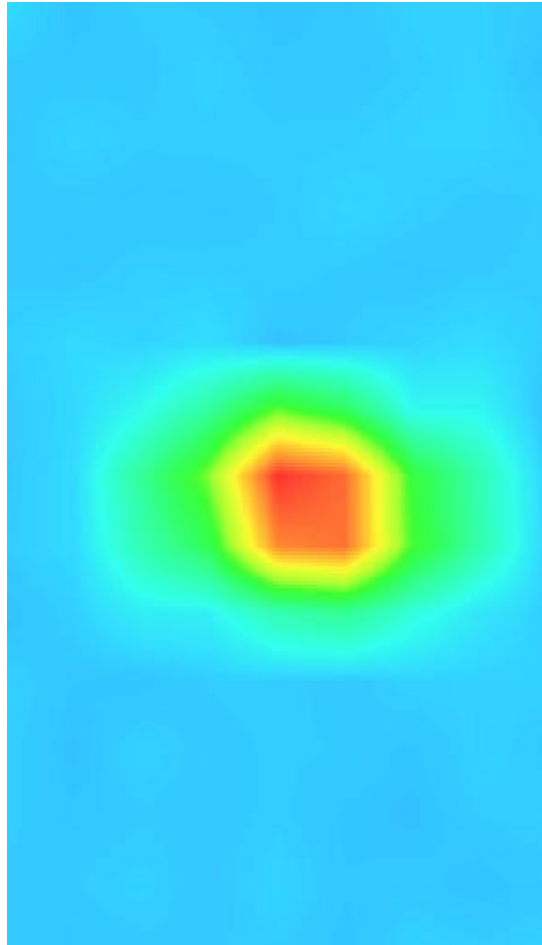
Maximum location: X=3.00, Y=-5.00

SAR Peak: 5.19W/kg

SAR 10g (W/Kg)	0.470015
SAR 1g (W/Kg)	1.507615

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	4.9707	2.7910	1.4450	0.6998	0.3364	0.1717	0.1033	0.0801	0.0789



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: 09/17/2021

Measurement duration: 22 minutes 15 seconds

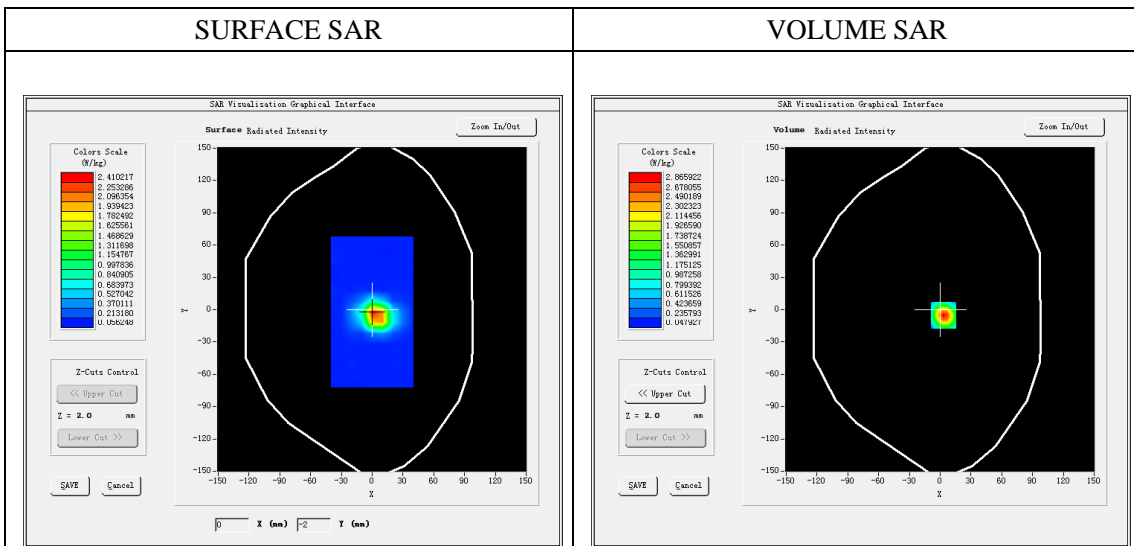
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5200
Relative permittivity (real part)	49.10
Relative permittivity	18.55
Conductivity (S/m)	5.36
Power drift (%)	-0.27
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.09

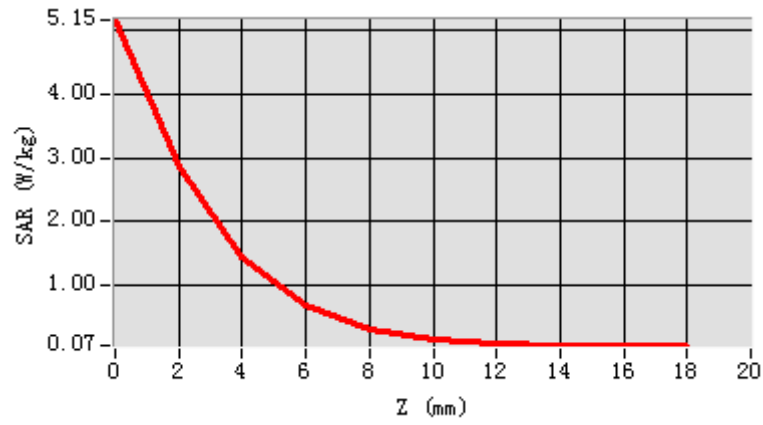


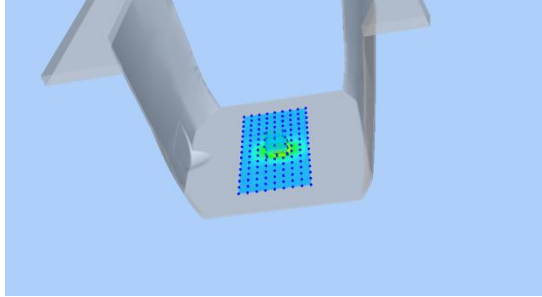
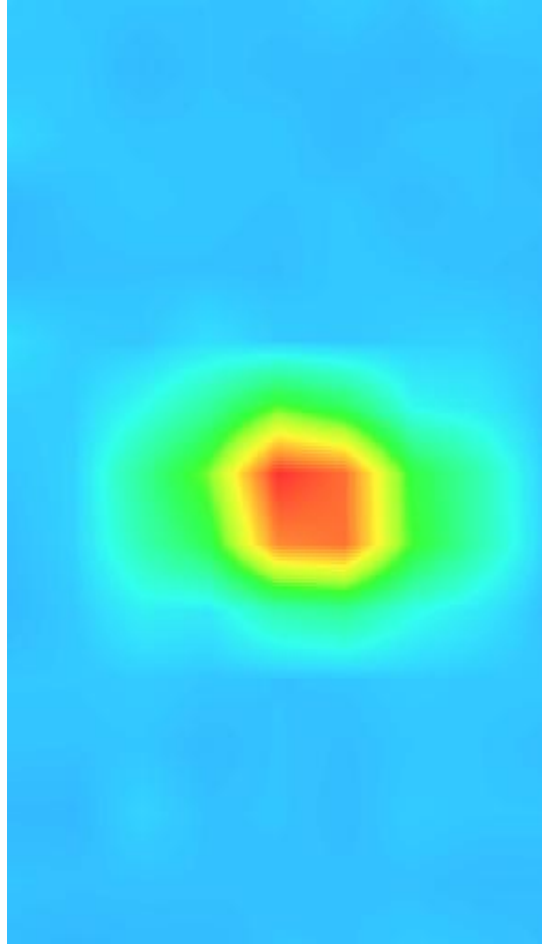
Maximum location: X=3.00, Y=-5.00

SAR Peak: 5.37 W/kg

SAR 10g (W/Kg)	0.466958
SAR 1g (W/Kg)	1.517151

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.1468	2.8659	1.4641	0.6952	0.3256	0.1612	0.0947	0.0732	0.0734



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: 09/17/2021

Measurement duration: 22 minutes 14 seconds

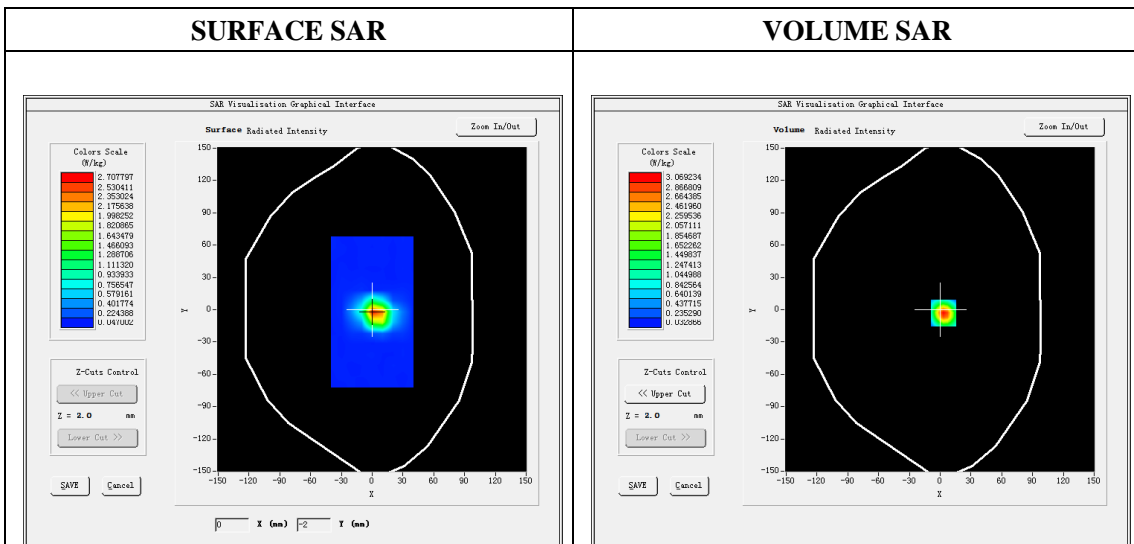
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5400
Relative permittivity (real part)	35.91
Relative permittivity	16.50
Conductivity (S/m)	4.95
Power drift (%)	-0.54
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.12

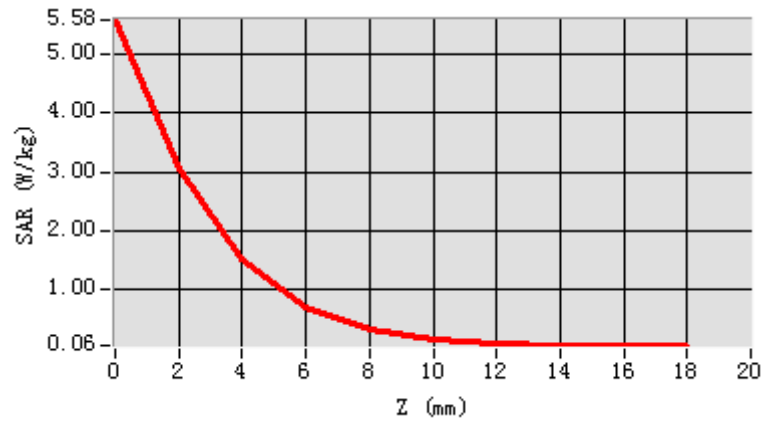


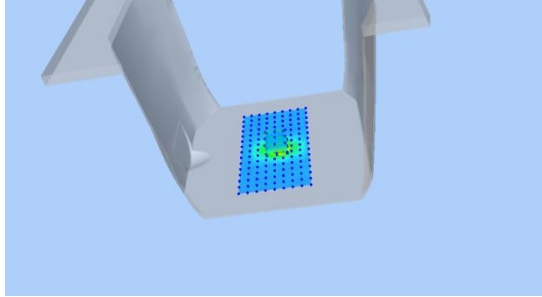
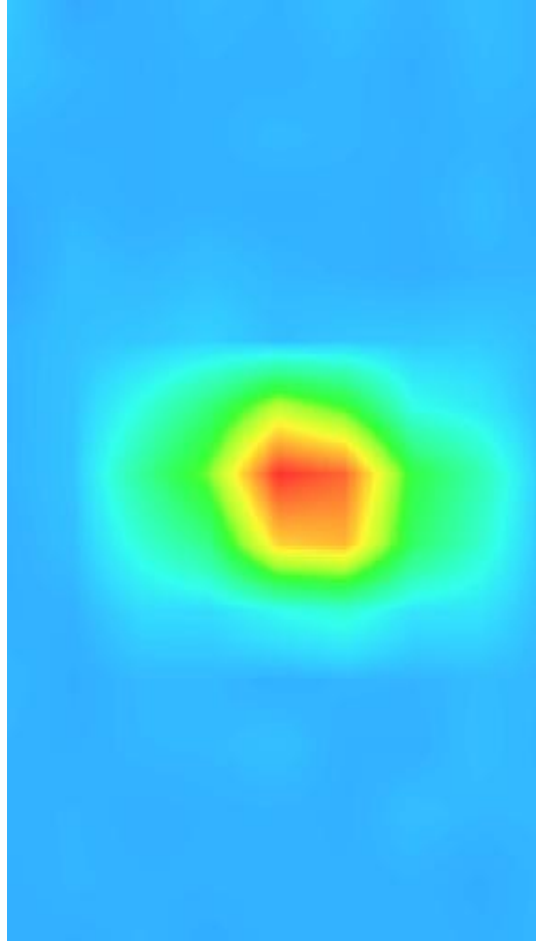
Maximum location: X=3.00, Y=-3.00

SAR Peak: 5.83W/kg

SAR 10g (W/Kg)	0.472500
SAR 1g (W/Kg)	1.611665

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.5817	3.0692	1.5351	0.7041	0.3123	0.1431	0.0770	0.0560	0.0555



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: 09/17/2021

Measurement duration: 22 minutes 16 seconds

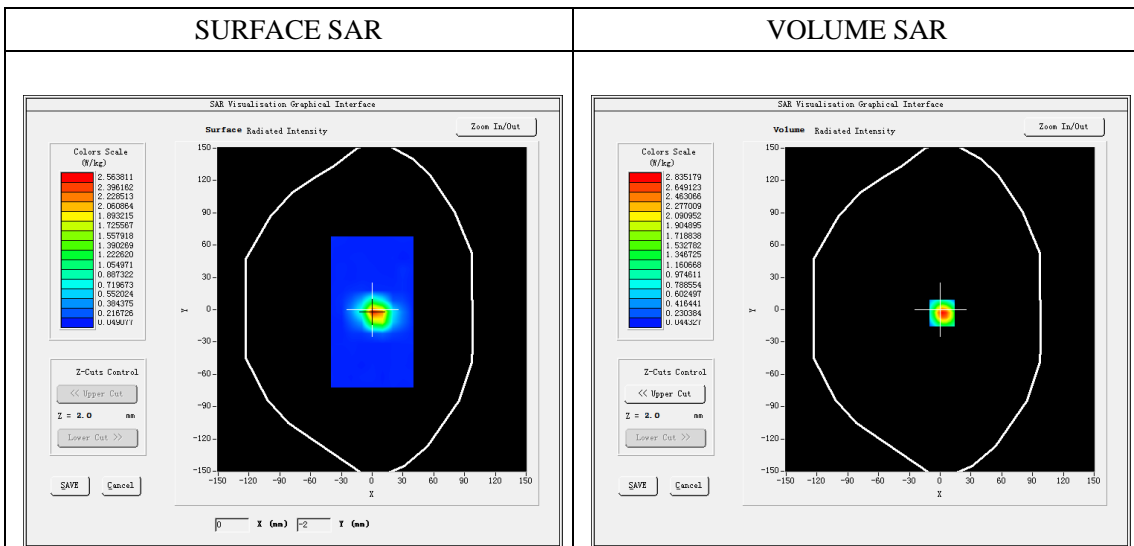
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5400
Relative permittivity (real part)	48.57
Relative permittivity	18.13
Conductivity (S/m)	5.44
Power drift (%)	-0.18
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.22

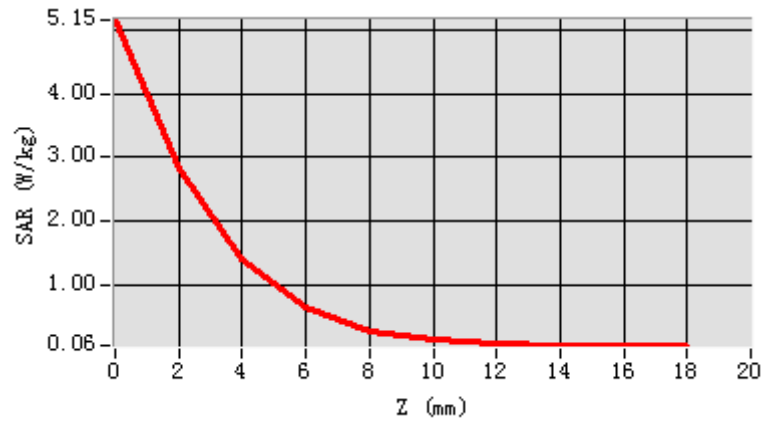


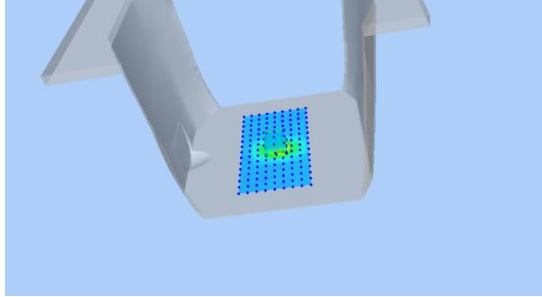
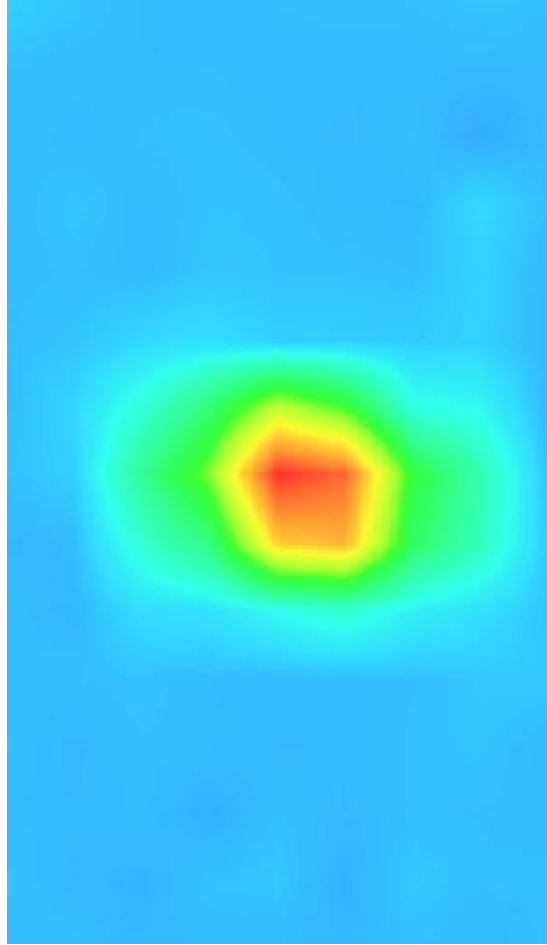
Maximum location: X=2.00, Y=-3.00

SAR Peak: 5.42 W/kg

SAR 10g (W/Kg)	0.452101
SAR 1g (W/Kg)	1.498701

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.1529	2.8352	1.4201	0.6541	0.2932	0.1373	0.0765	0.0579	0.0590



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: 09/18/2021

Measurement duration: 22 minutes 14 seconds

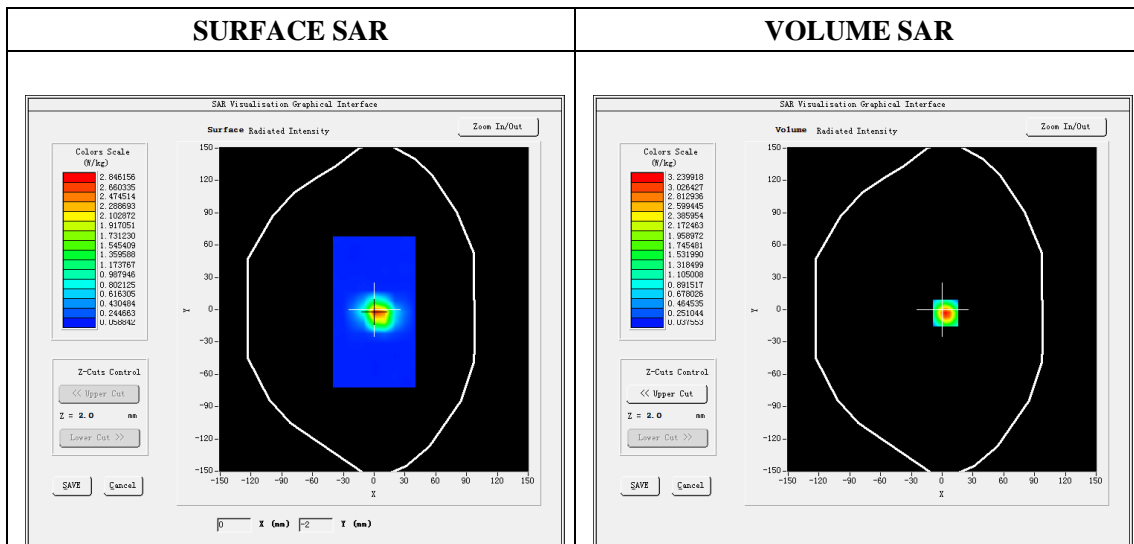
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5600
Relative permittivity (real part)	35.63
Relative permittivity	16.62
Conductivity (S/m)	5.17
Power drift (%)	-1.02
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.28

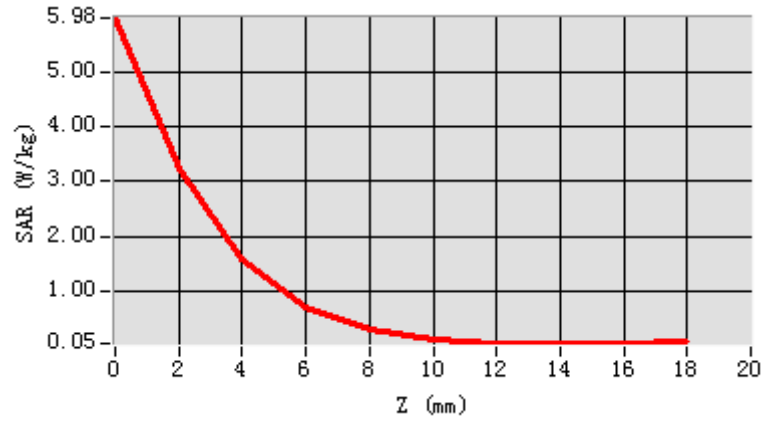


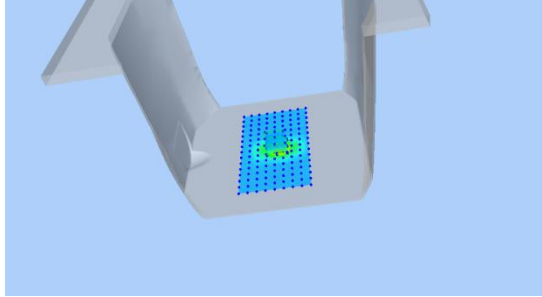
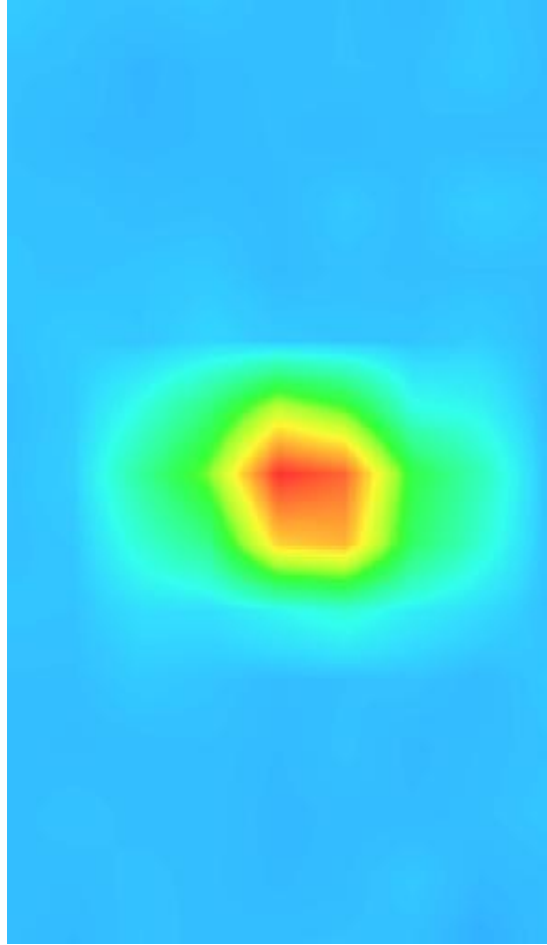
Maximum location: X=3.00, Y=-3.00

SAR Peak: 6.25W/kg

SAR 10g (W/Kg)	0.495021
SAR 1g (W/Kg)	1.689782

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.9762	3.2399	1.5834	0.7024	0.2985	0.1309	0.0691	0.0520	0.0558



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: 09/18/2021

Measurement duration: 22 minutes 16 seconds

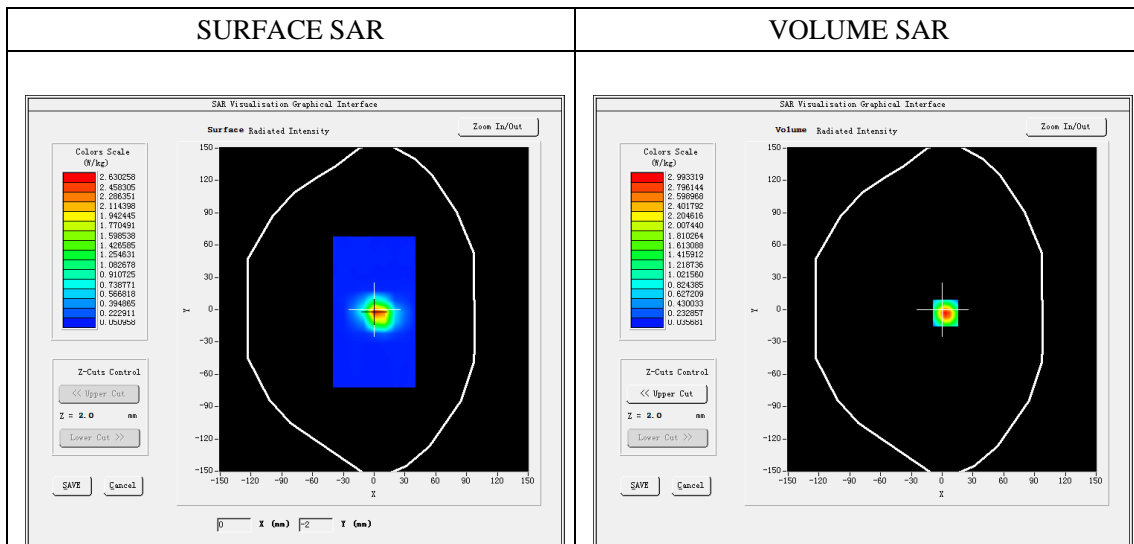
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5600
Relative permittivity (real part)	48.58
Relative permittivity	18.71
Conductivity (S/m)	5.82
Power drift (%)	-1.59
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.39

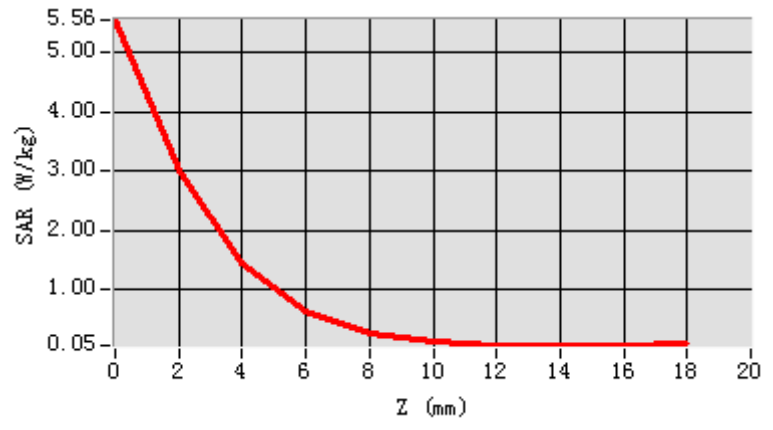


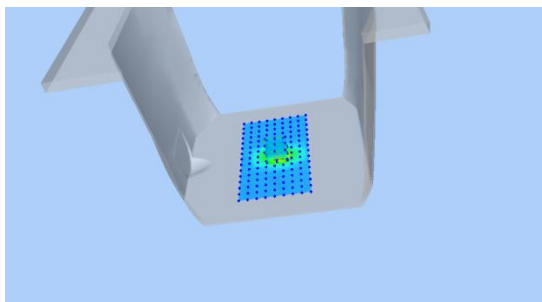
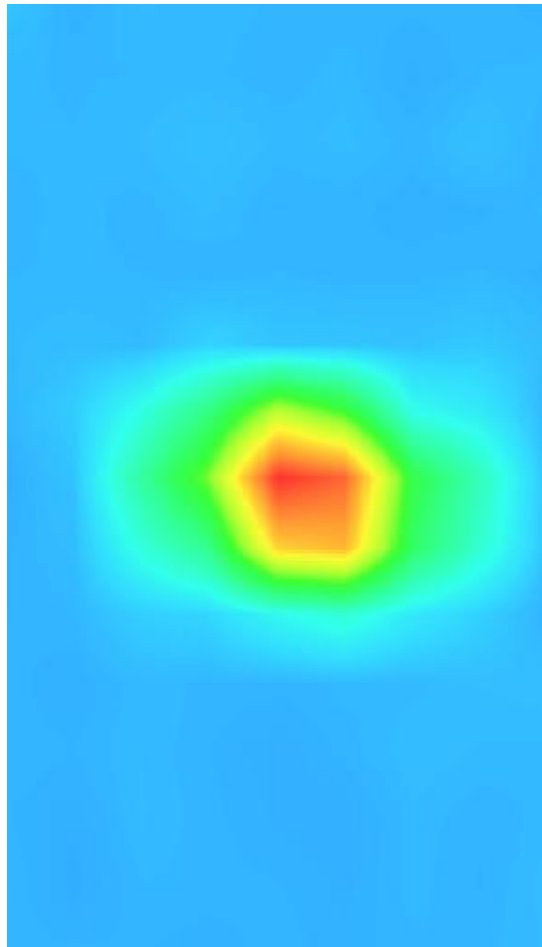
Maximum location: X=3.00, Y=-3.00

SAR Peak: 5.82 W/kg

SAR 10g (W/Kg)	0.450078
SAR 1g (W/Kg)	1.558317

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.5589	2.9933	1.4466	0.6315	0.2630	0.1131	0.0595	0.0461	0.0517



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: 09/18/2021

Measurement duration: 22 minutes 17 seconds

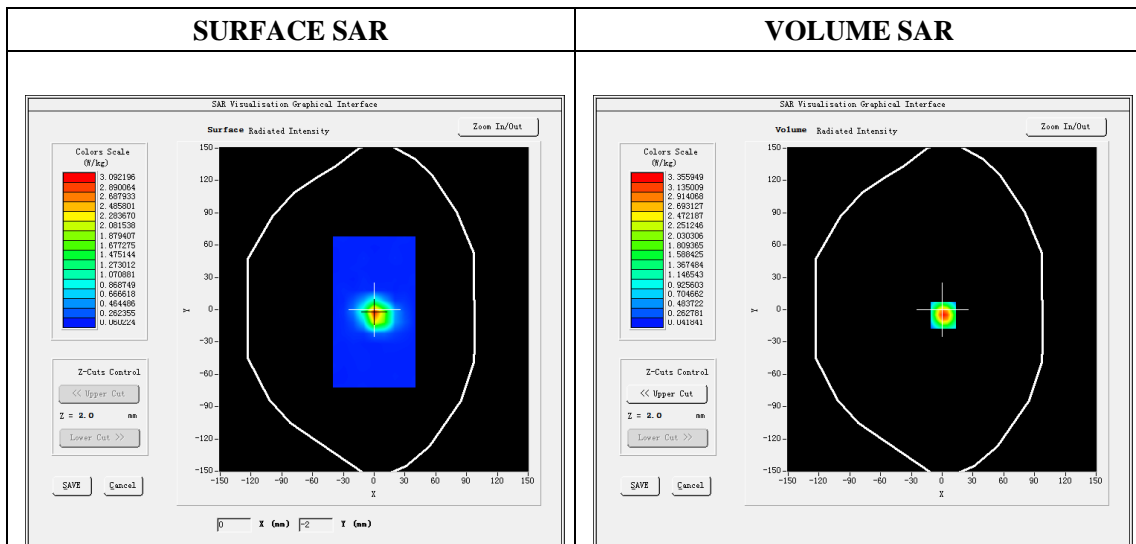
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5800
Relative permittivity (real part)	35.20
Relative permittivity	16.11
Conductivity (S/m)	5.19
Power drift (%)	-0.90
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.24

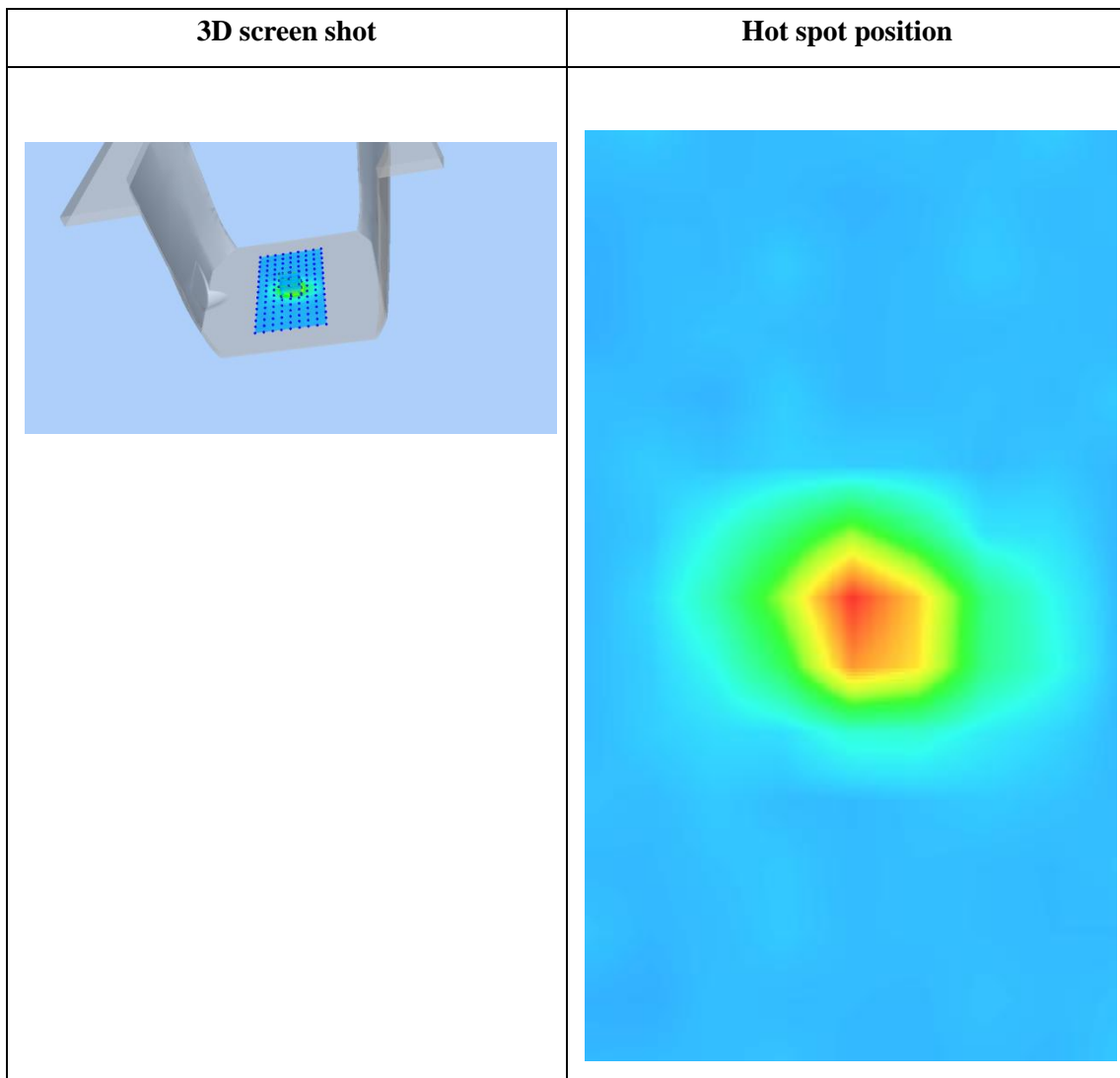
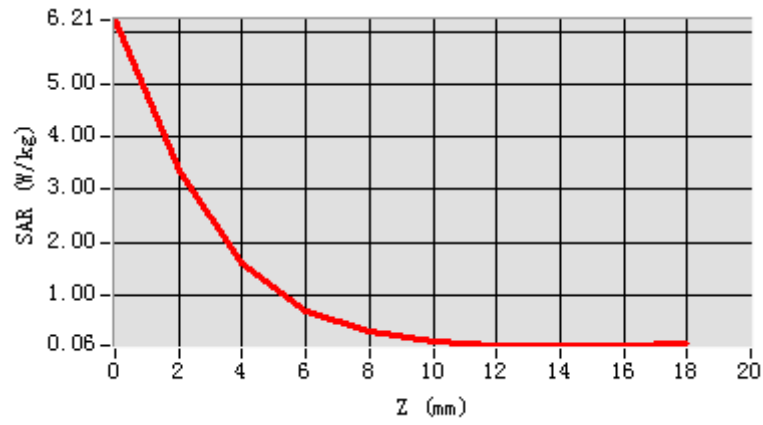


Maximum location: X=1.00, Y=-5.00

SAR Peak: 6.51 W/kg

SAR 10g (W/Kg)	0.506982
SAR 1g (W/Kg)	1.747697

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	6.2094	3.3559	1.6321	0.7197	0.3044	0.1337	0.0717	0.0558	0.0620



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: 09/18/2021

Measurement duration: 22 minutes 18 seconds

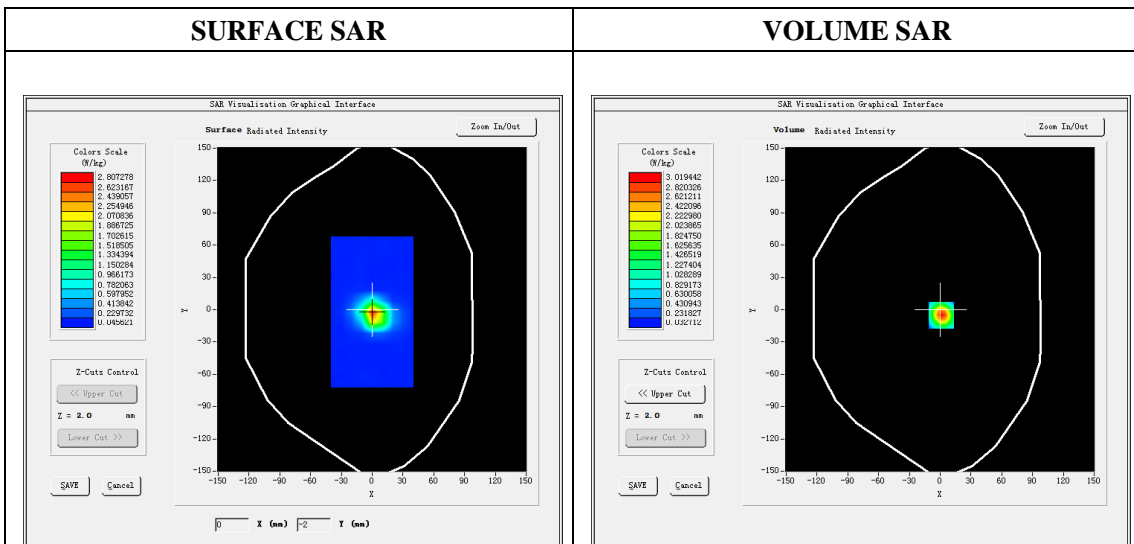
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	5800
Relative permittivity (real part)	48.10
Relative permittivity	18.40
Conductivity (S/m)	5.93
Power drift (%)	-1.47
Ambient Temperature:	22.2 °C
Liquid Temperature:	22.5 °C
Crest factor:	1:1
ConvF:	2.34

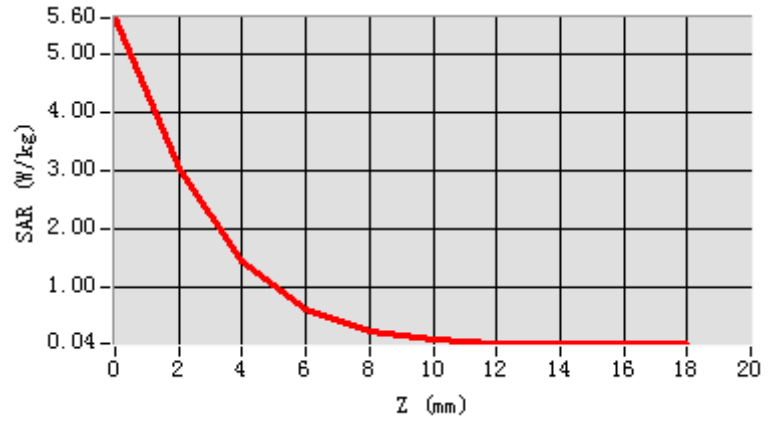


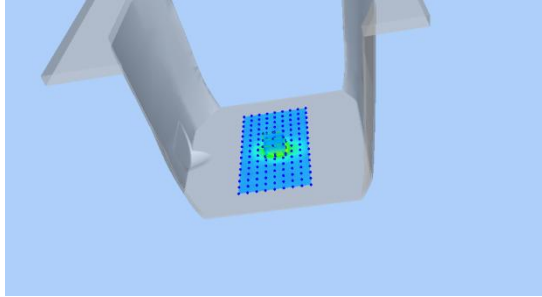
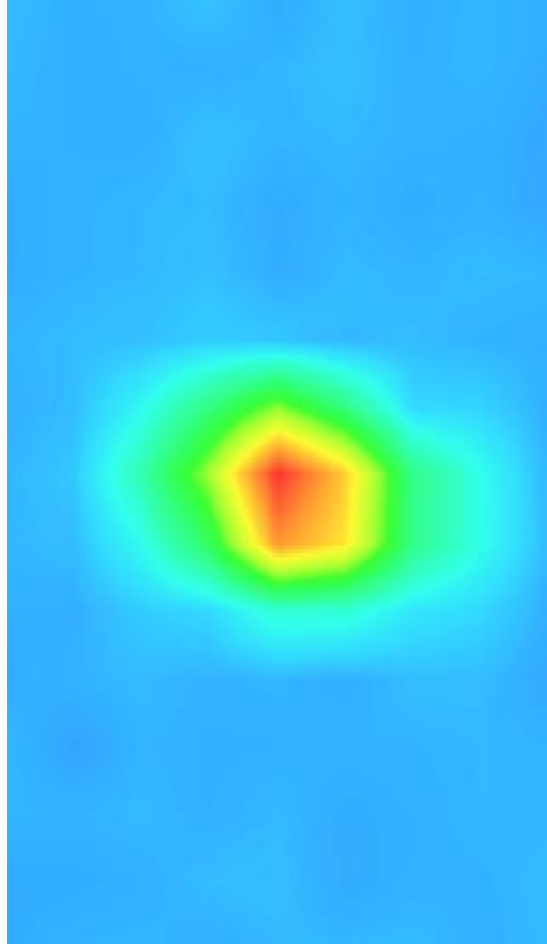
Maximum location: X=1.00, Y=-5.00

SAR Peak: 5.88 W/kg

SAR 10g (W/Kg)	0.447968
SAR 1g (W/Kg)	1.567388

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	5.6030	3.0194	1.4605	0.6370	0.2637	0.1113	0.0564	0.0417	0.0453



3D screen shot	Hot spot position
	

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: 11/09/2021

Measurement duration: 22 minutes 01 seconds

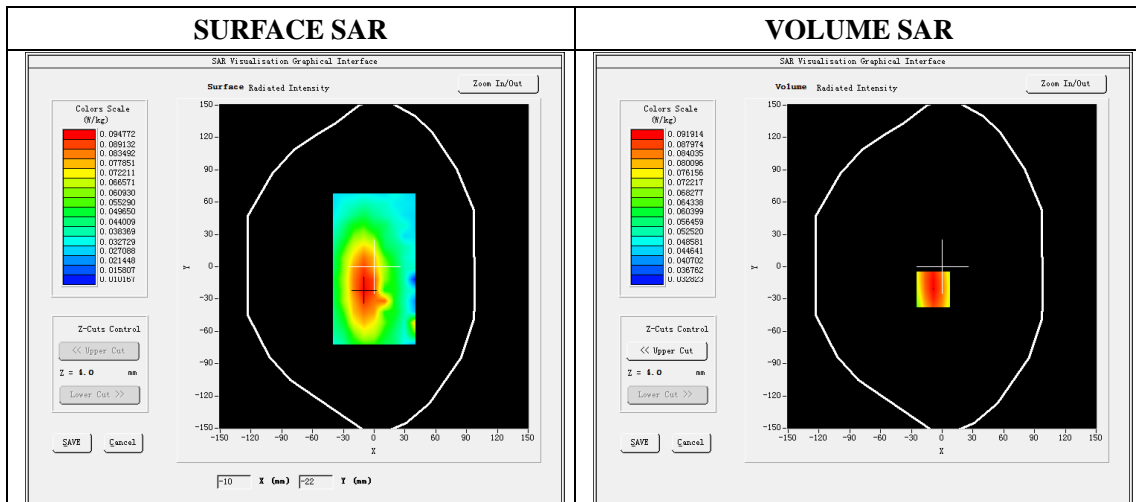
A. Experimental conditions.

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

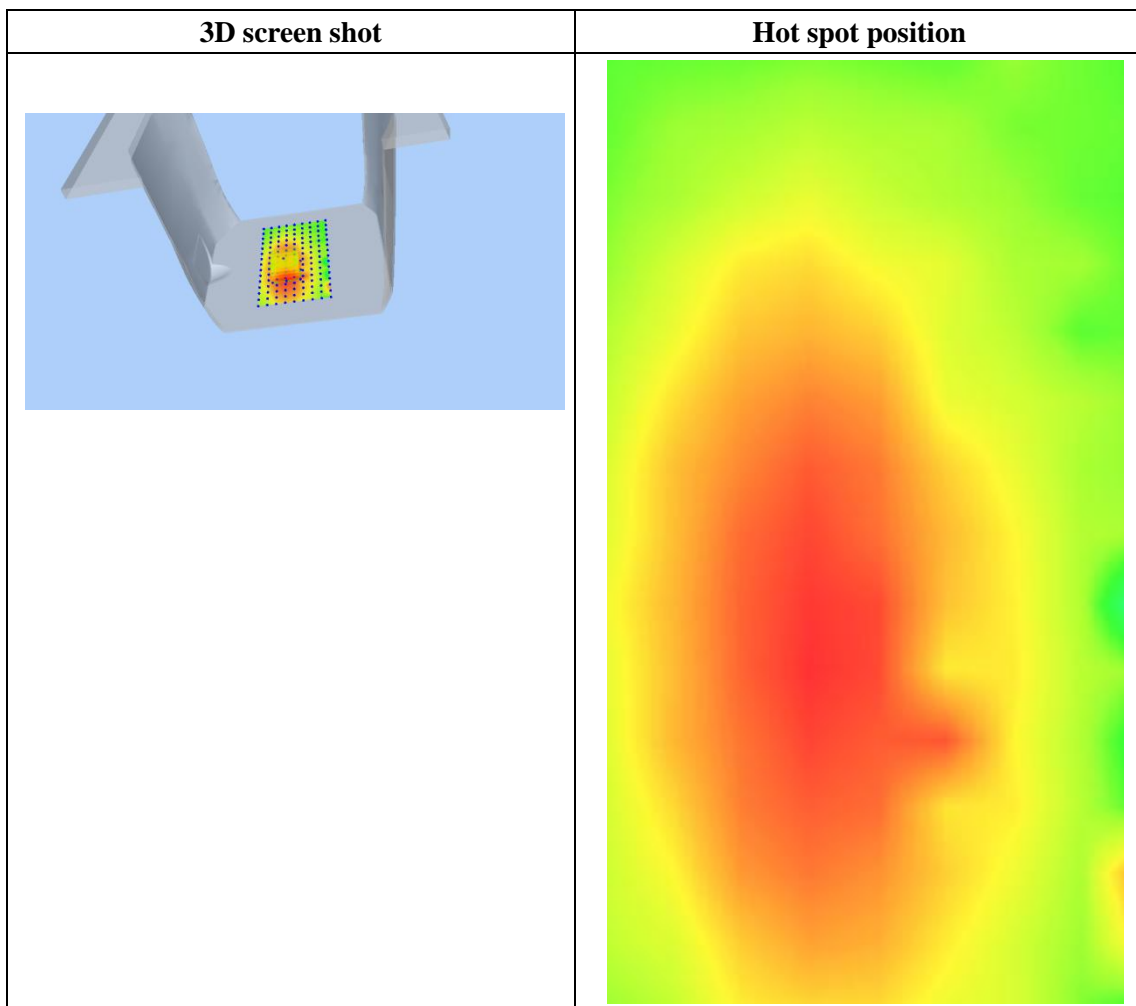
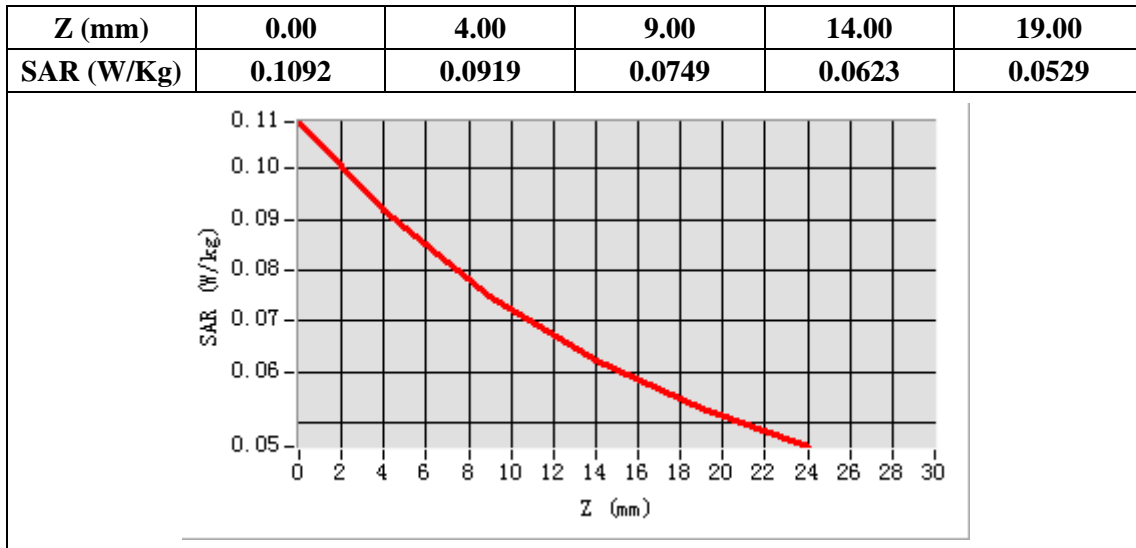
E-Field Probe	SATIMO SN_36/20_EPGO348
Frequency (MHz)	750
Relative permittivity (real part)	41.82
Relative permittivity	21.75
Conductivity (S/m)	0.91
Power drift (%)	-1.31
Ambient Temperature:	22.0 °C
Liquid Temperature:	22.8 °C
ConvF:	1.87
Crest factor:	1:1



Maximum location: X=-9.00, Y=-21.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.071273
SAR 1g (W/Kg)	0.088241



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: 11/09/2021

Measurement duration: 22 minutes 03 seconds

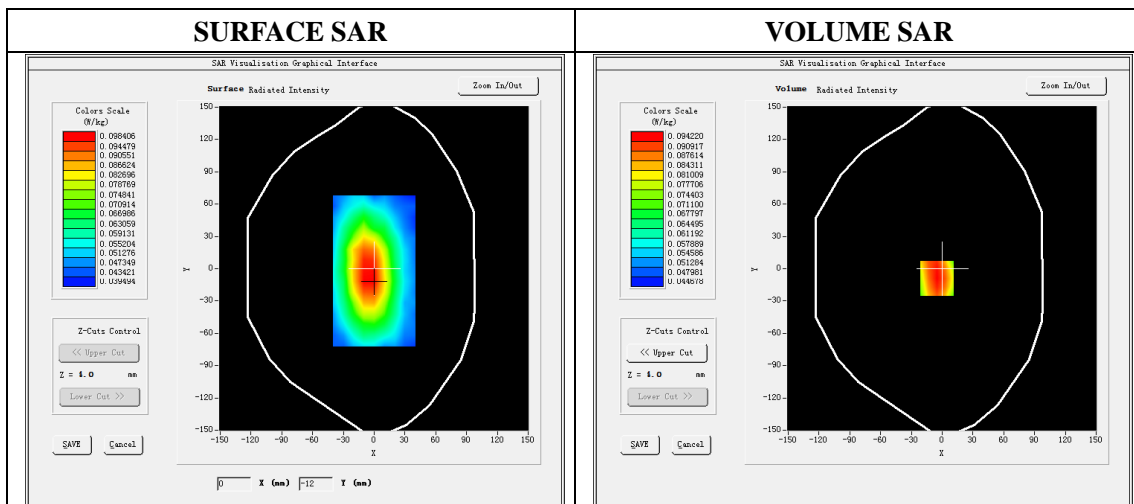
A. Experimental conditions.

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_36/20_EPGO348
Frequency (MHz)	750
Relative permittivity (real part)	55.62
Relative permittivity	23.37
Conductivity (S/m)	0.94
Power drift (%)	-1.93
Ambient Temperature:	22.0 °C
Liquid Temperature:	22.8 °C
ConvF:	1.93
Crest factor:	1:1

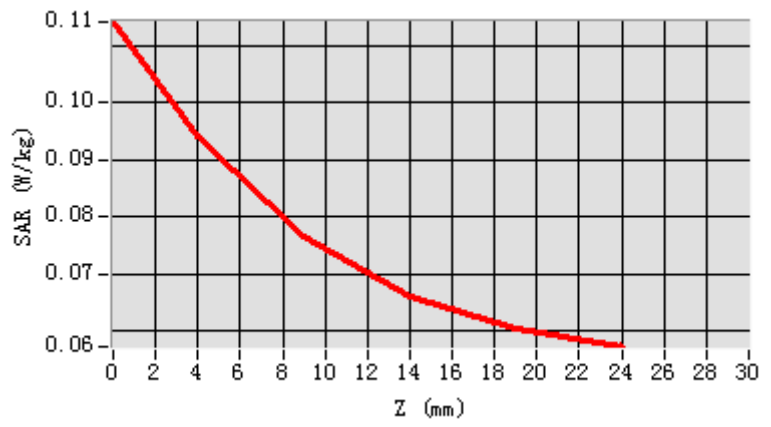


Maximum location: X=-5.00, Y=-9.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.075291
SAR 1g (W/Kg)	0.089218

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1142	0.0942	0.0766	0.0660	0.0604



3D screen shot	Hot spot position
