



## Appendix A: SAR System performance Check Plots

<b>Measurement</b>	<b>Liquid</b>	<b>Frequency</b>	<b>Test Date</b>
System Check	Head	835	2018-05-16
System Check	Head	1800	2018-05-16
System Check	Head	1900	2018-05-17
System Check	Head	1900	2018-05-17
System Check	Head	2450	2018-05-15
System Check	Head	2600	2018-05-21
System Check	Head	5200	2018-06-05
System Check	Head	5400	2018-06-05
System Check	Head	5600	2018-06-06
System Check	Head	5800	2018-06-06
System Check	Body	835	2018-05-16
System Check	Body	1800	2018-05-16
System Check	Body	1900	2018-05-17
System Check	Body	1900	2018-05-17
System Check	Body	2450	2018-05-15
System Check	Body	2600	2018-05-21
System Check	Body	5200	2018-06-05
System Check	Body	5400	2018-06-05
System Check	Body	5600	2018-06-06
System Check	Body	5800	2018-06-06

## System Performance Check (Head, 835MHz)

Type: Validation measurement

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

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

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 41seconds

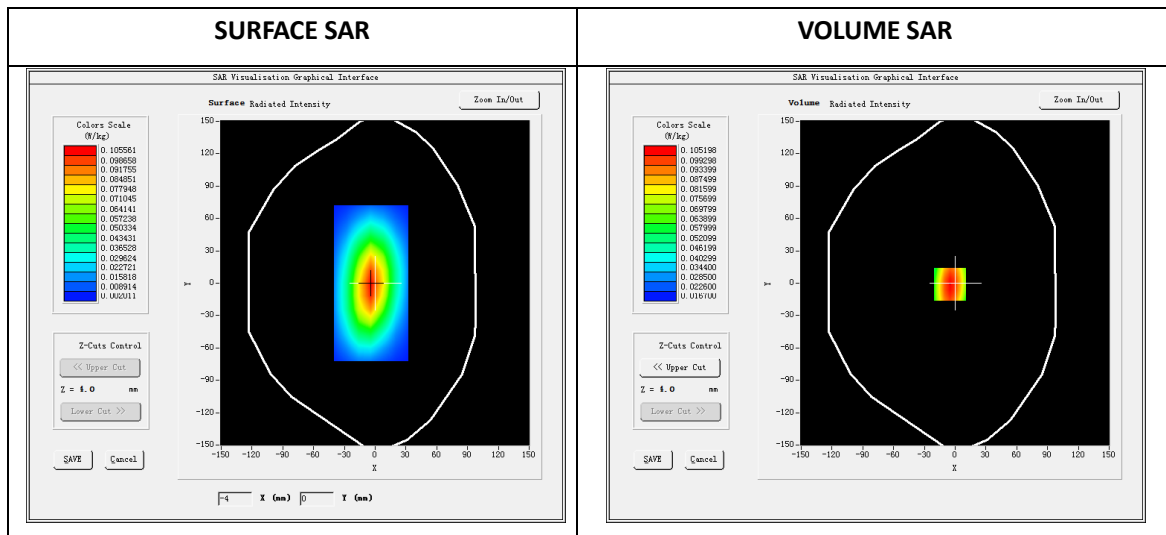
### A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	850MHz
Channels	
Signal	CW

### B. SAR Measurement Results

#### Band SAR

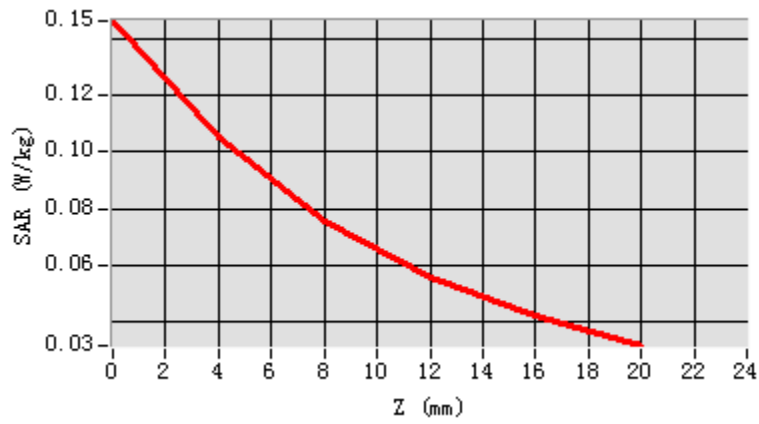
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	835
Relative permittivity (real part)	41.65
Relative permittivity	19.44
Conductivity (S/m)	0.88
Power drift (%)	-0.39
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	4.99
Duty factor:	1:1

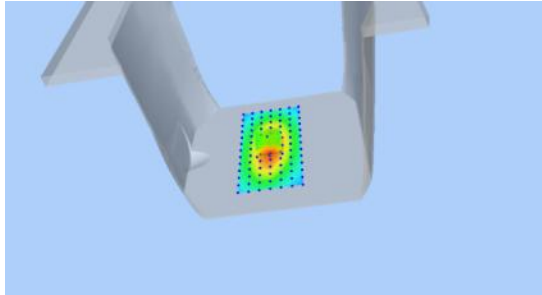
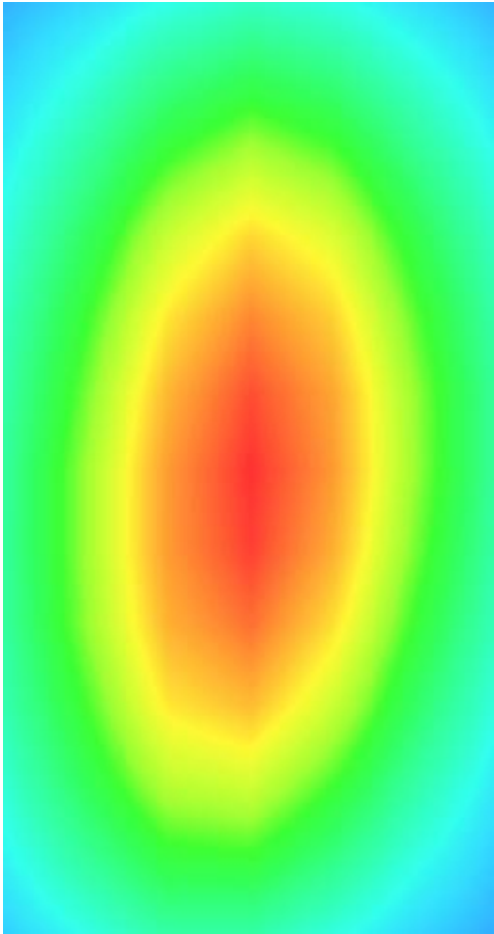


Maximum location: X=-5.00, Y=-1.00

SAR 10g (W/Kg)	0.063214
SAR 1g (W/Kg)	0.098841

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1436	0.1021	0.0713	0.0525	0.0406



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: 05/17/2018

Measurement duration: 22 minutes 45seconds

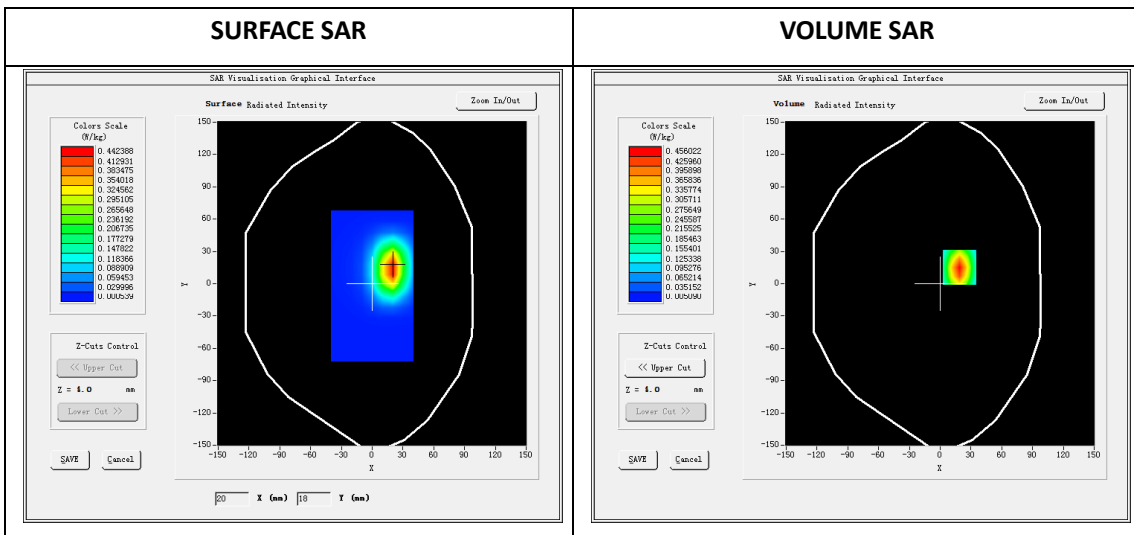
### A. Experimental conditions.

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

### B. SAR Measurement Results

#### Band SAR

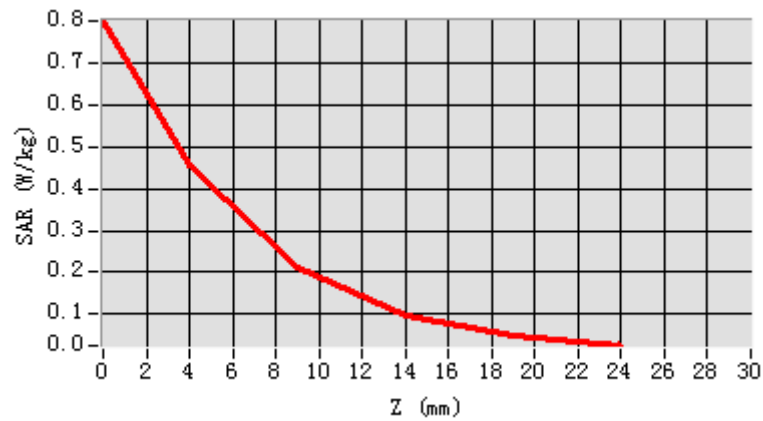
<b>E-Field Probe</b>	SATIMO SN_43/15_EP276
<b>Frequency (MHz)</b>	1800
<b>Relative permittivity (real part)</b>	38.88
<b>Relative permittivity</b>	13.70
<b>Conductivity (S/m)</b>	1.37
<b>Power drift (%)</b>	-1.25
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>ConvF:</b>	4.29
<b>Duty factor:</b>	1:1

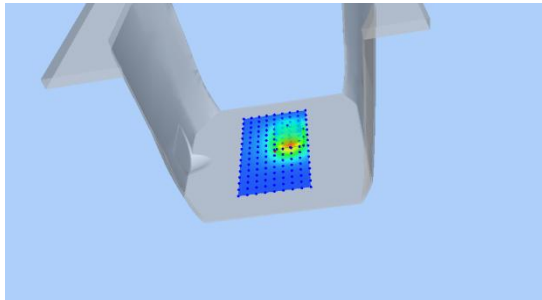
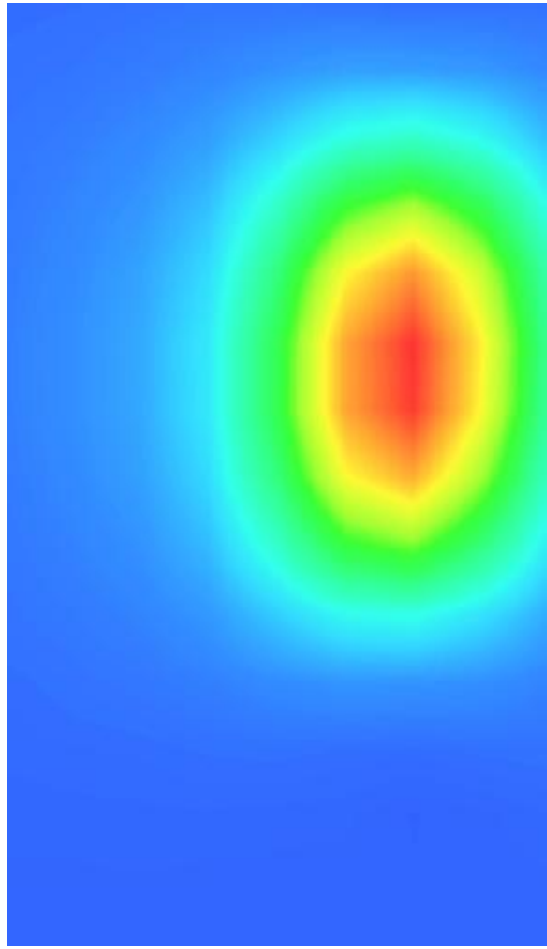


**Maximum location: X=19.00, Y=15.00**

<b>SAR 10g (W/Kg)</b>	0.201156
<b>SAR 1g (W/Kg)</b>	0.402820

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8005	0.4560	0.2123	0.0976	0.0487



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: 05/17/2018

Measurement duration: 22 minutes 53seconds

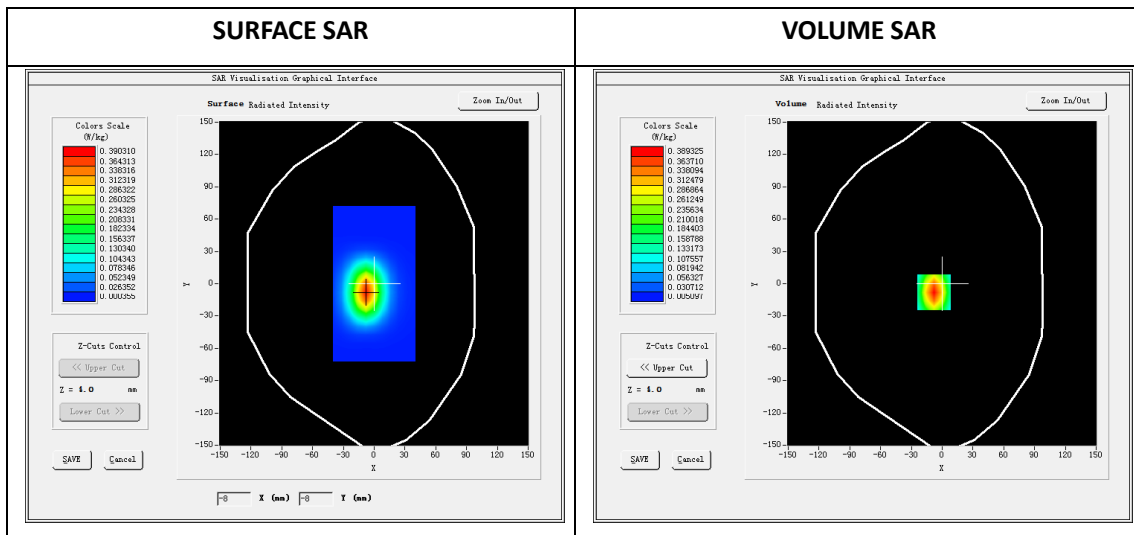
### A. Experimental conditions.

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

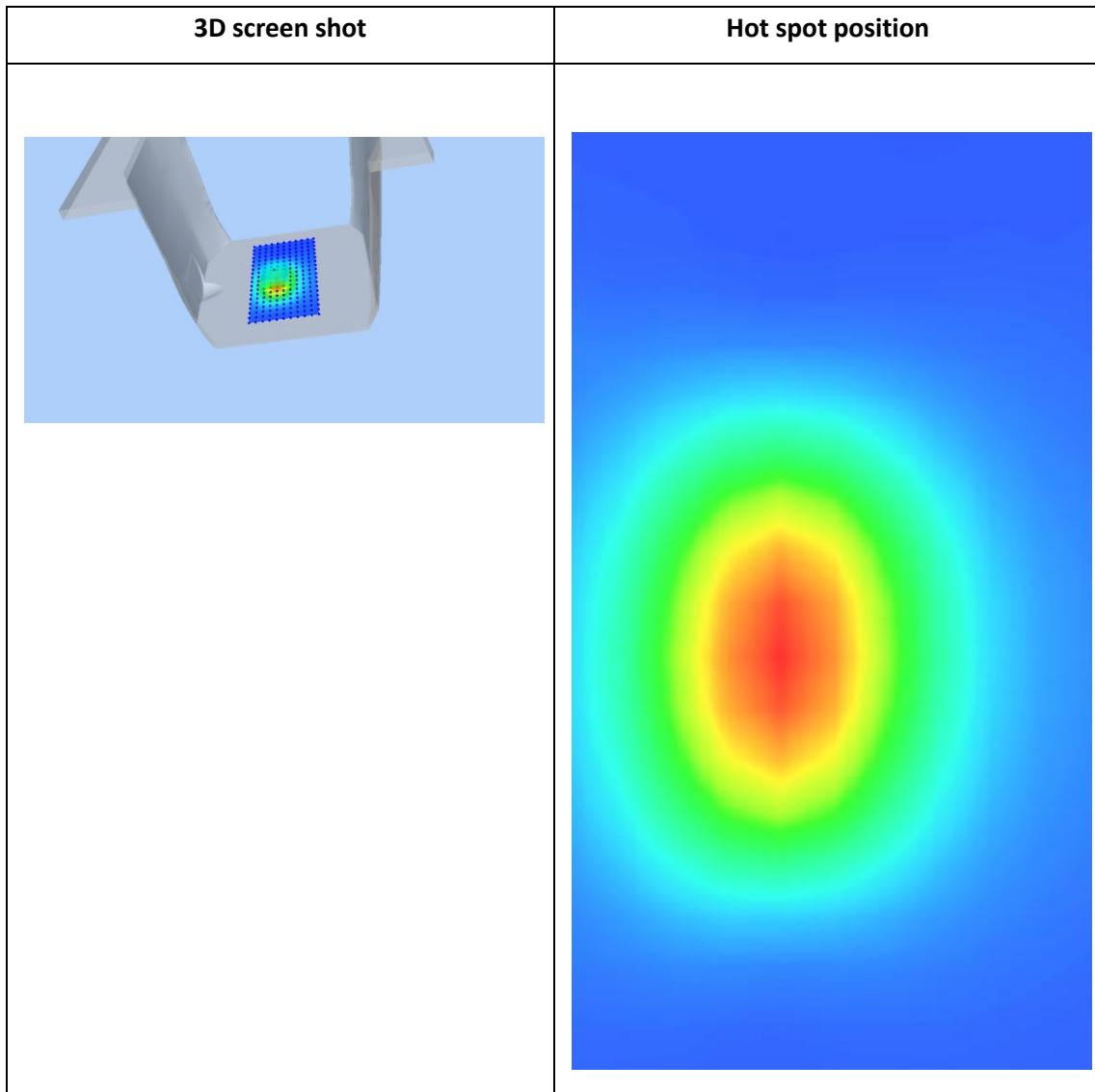
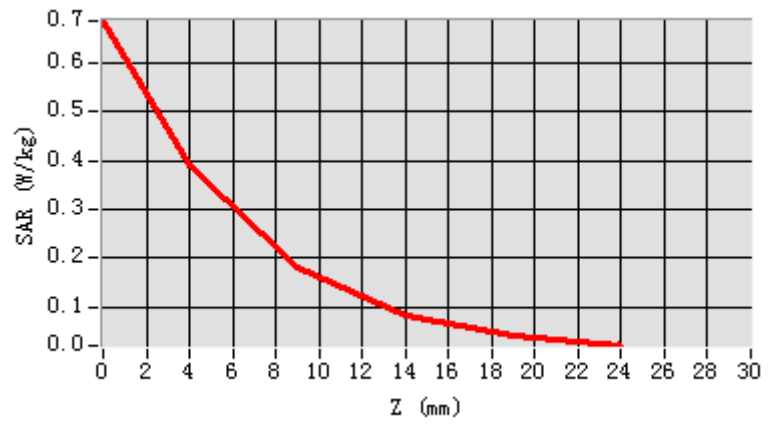
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1900
Relative permittivity (real part)	41.20
Relative permittivity	12.78
Conductivity (S/m)	1.35
Power drift (%)	-1.03
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	4.73
Duty factor:	1:1



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

SAR 10g (W/Kg)	0.173475
SAR 1g (W/Kg)	0.382562

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6846	0.3893	0.1809	0.0831	0.0416



## System Performance Check (Head, 2450MHz)

Type: Validation measurement

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

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

Date of measurement: 05/15/2018

Measurement duration: 22 minutes 16seconds

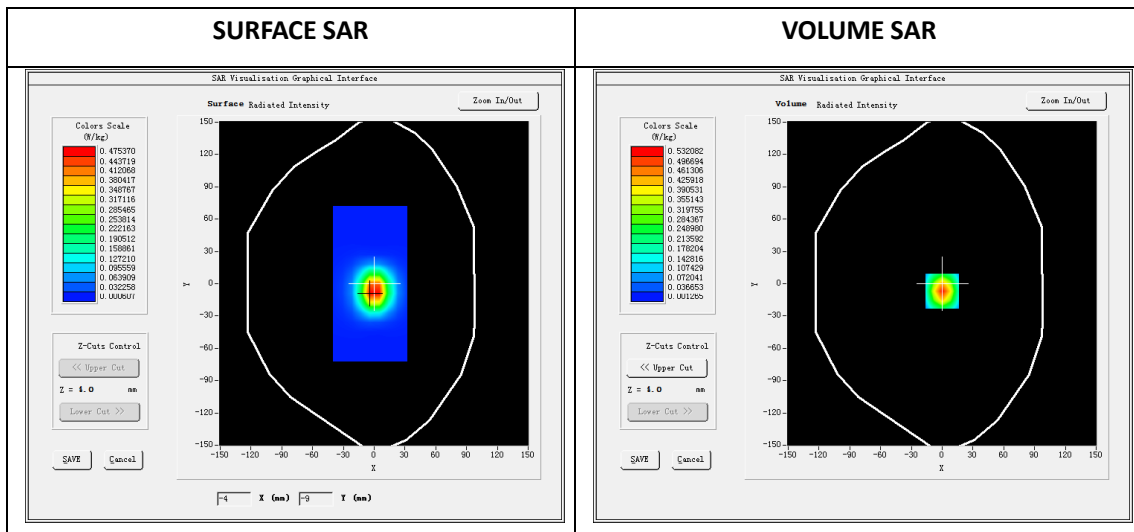
### A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	2450MHz
Channels	
Signal	CW

### B. SAR Measurement Results

#### Band SAR

E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	2450
Relative permittivity (real part)	38.75
Relative permittivity	12.93
Conductivity (S/m)	1.76
Power drift (%)	-0.48
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	4.66
Duty factor:	1:1

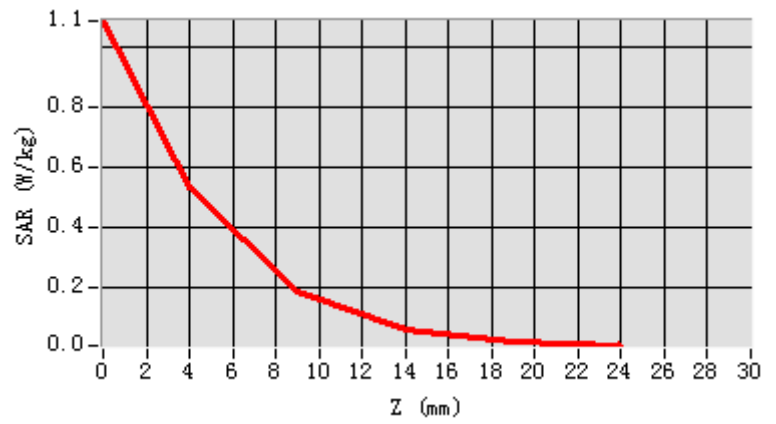


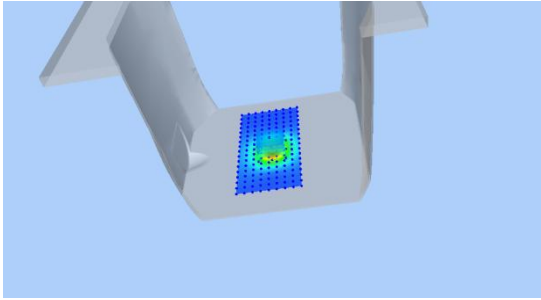
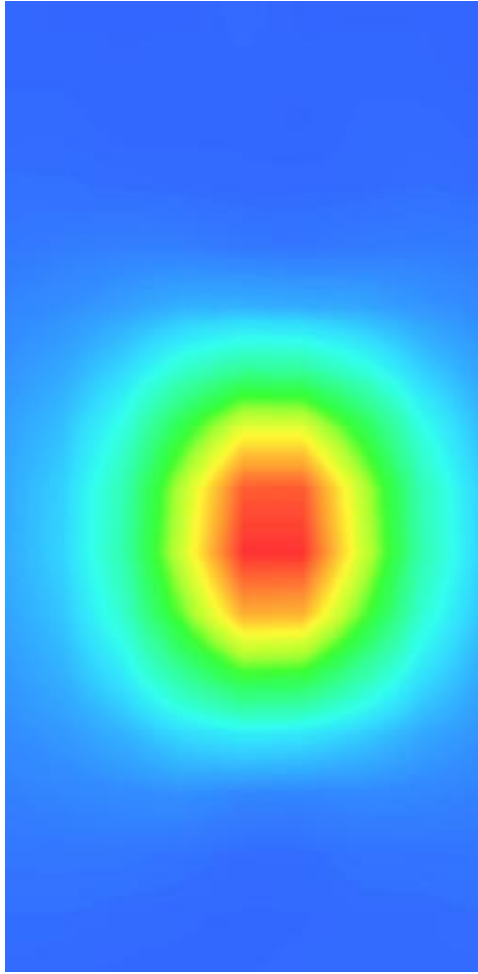
Maximum location: X=0.00, Y=-7.00

SAR 10g (W/Kg)	0.210598
SAR 1g (W/Kg)	0.526046



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0843	0.5321	0.1891	0.0610	0.0227



3D screen shot	Hot spot position
	

## System Performance Check (Head, 2600MHz)

Type: Validation measurement

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

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

Date of measurement: 05/21/2018

Measurement duration: 22 minutes 44seconds

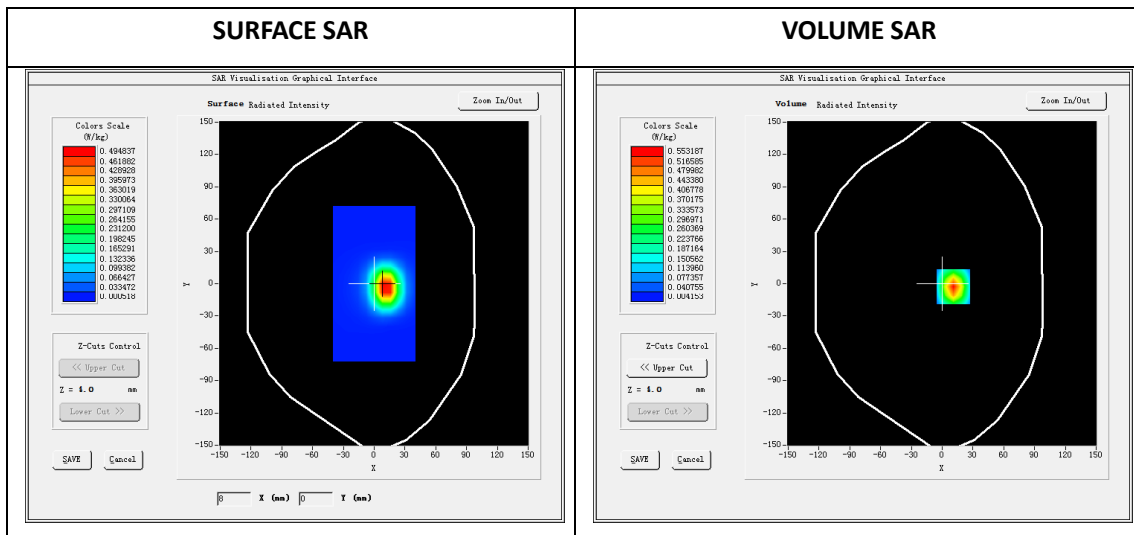
### A. Experimental conditions.

<b>Phantom File</b>	dx=8mm dy=8mm
<b>Phantom</b>	5x5x7,dx=8mm dy=8mm dz=5mm
<b>Device Position</b>	Dipole
<b>Band</b>	2600MHz
<b>Channels</b>	
<b>Signal</b>	CW

### B. SAR Measurement Results

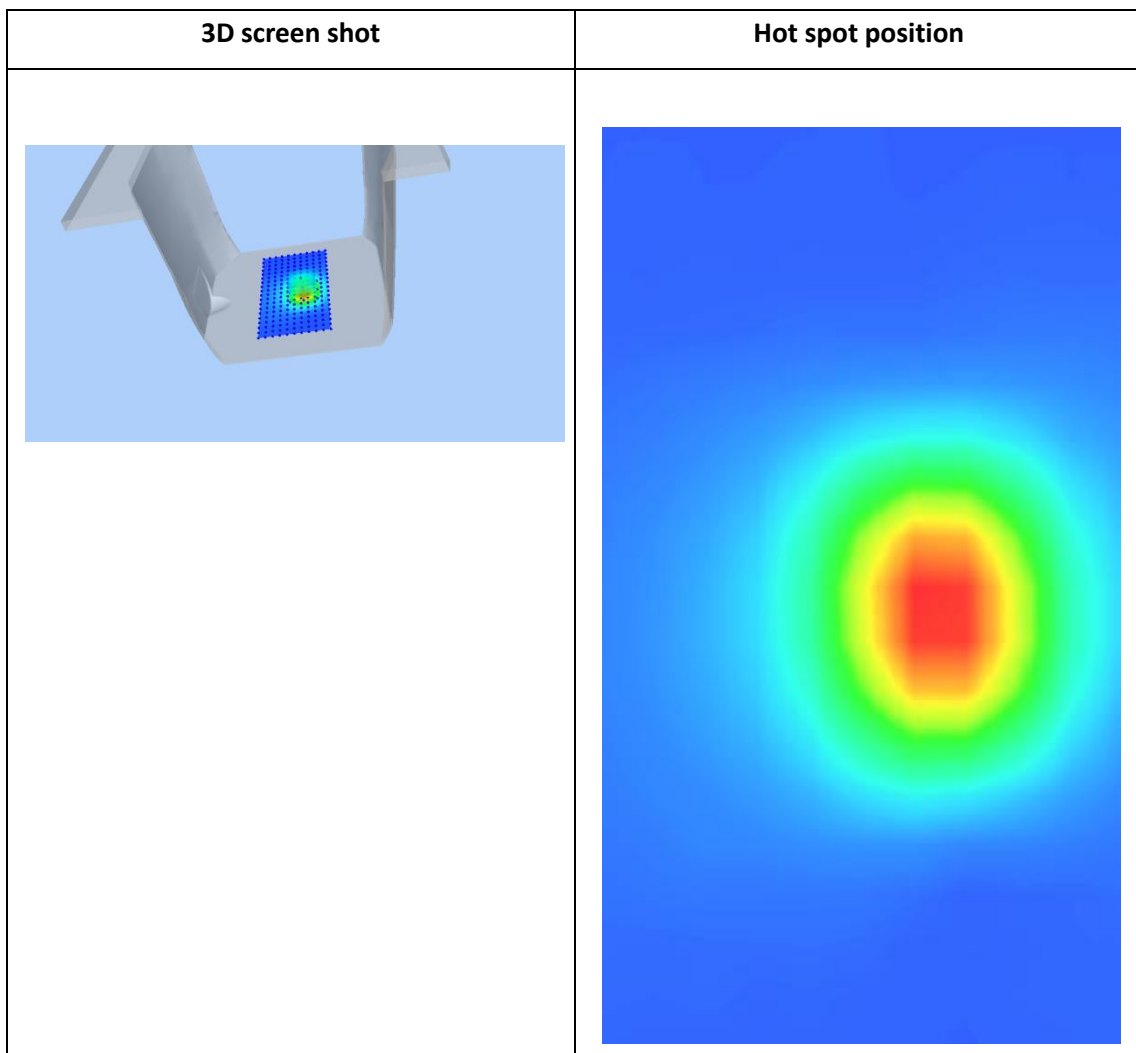
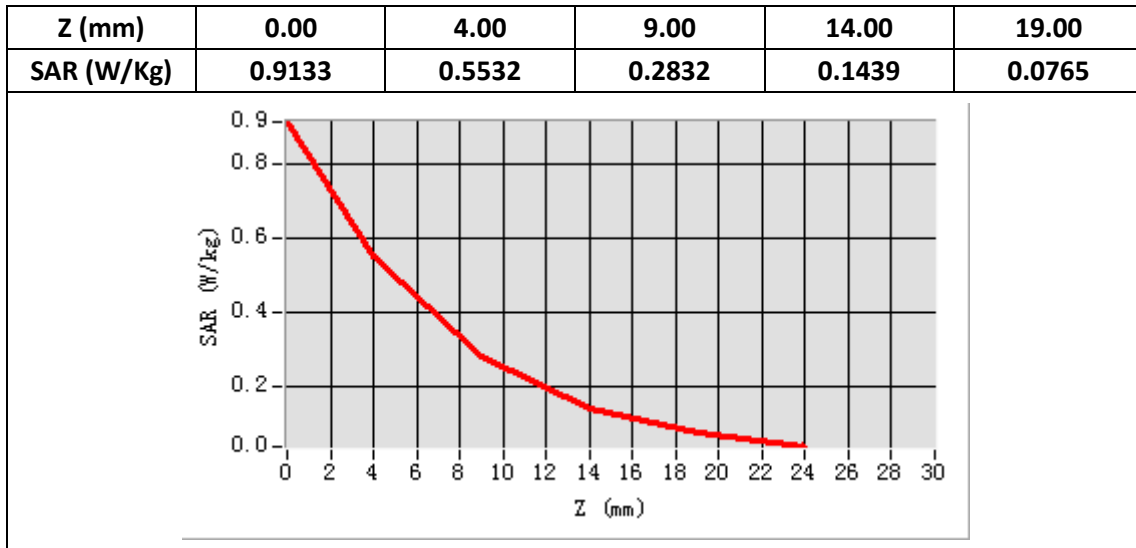
#### Band SAR

<b>E-Field Probe</b>	SATIMO SN_43/15_EP276
<b>Frequency (MHz)</b>	2600
<b>Relative permittivity (real part)</b>	38.12
<b>Relative permittivity</b>	13.43
<b>Conductivity (S/m)</b>	1.94
<b>Power drift (%)</b>	-2.30
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>ConvF:</b>	4.16
<b>Duty factor:</b>	1:1



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

<b>SAR 10g (W/Kg)</b>	0.238353
<b>SAR 1g (W/Kg)</b>	0.532405



## System Performance Check (Head, 5200MHz)

Type: Validation measurement

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

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

Date of measurement: 06/05/2018

Measurement duration: 22 minutes 34seconds

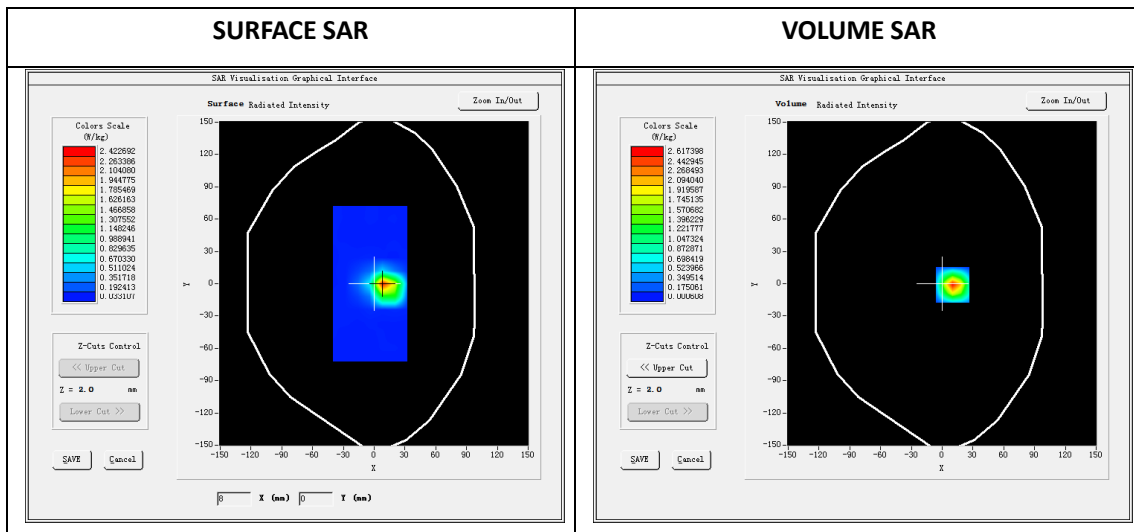
### A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	5200MHz
Channels	
Signal	CW

### B. SAR Measurement Results

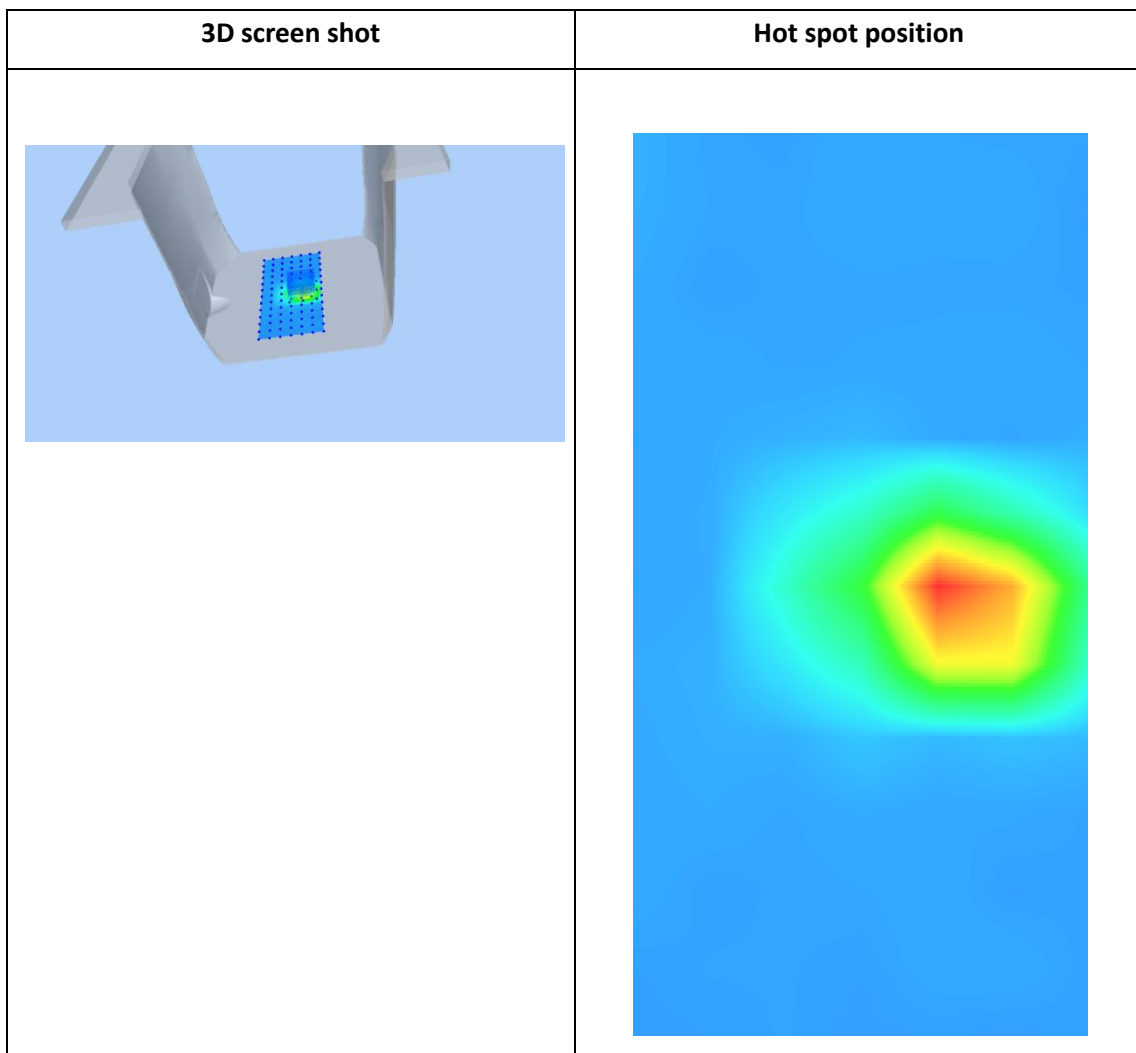
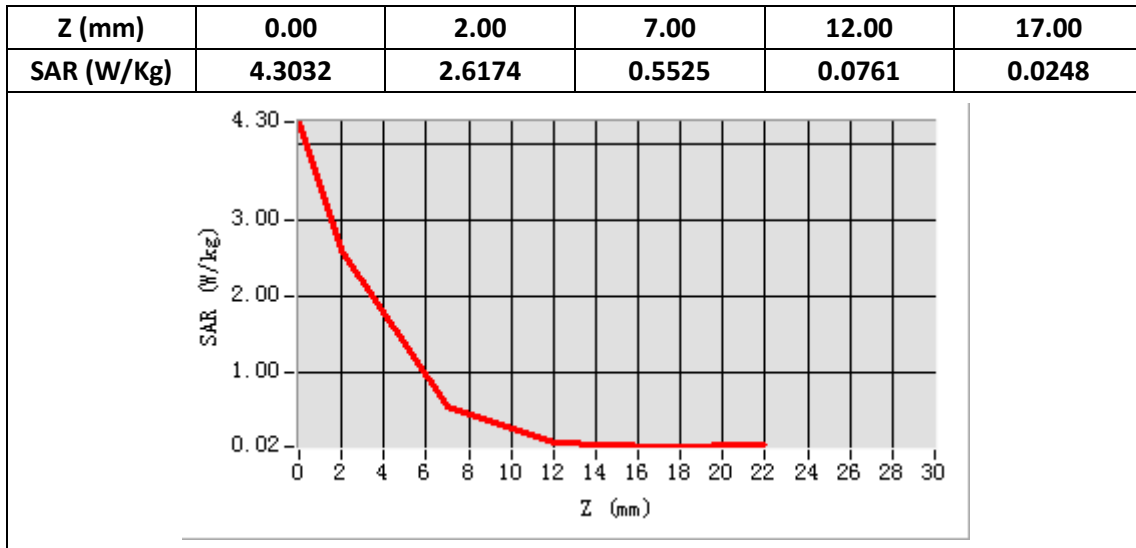
#### Band SAR

E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5200
Relative permittivity (real part)	34.74
Relative permittivity	14.68
Conductivity (S/m)	4.82
Power drift (%)	-3.35
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	2.2
Duty factor:	1:1



Maximum location: X=10.00, Y=-1.00

SAR 10g (W/Kg)	0.537690
SAR 1g (W/Kg)	1.501980



## System Performance Check (Head, 5400MHz)

Type: Validation measurement

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

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

Date of measurement: 06/05/2018

Measurement duration: 22 minutes 28seconds

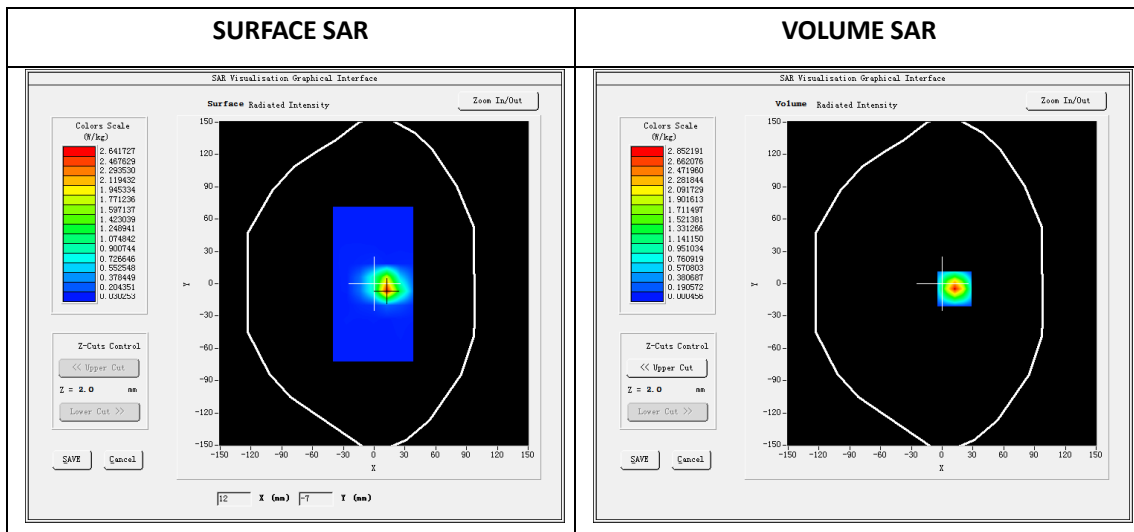
### A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	5400MHz
Channels	
Signal	CW

### B. SAR Measurement Results

#### Band SAR

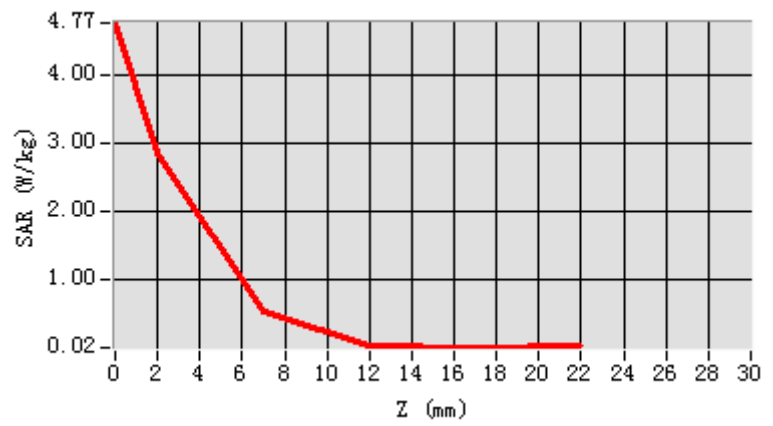
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5400
Relative permittivity (real part)	37.84
Relative permittivity	16.70
Conductivity (S/m)	5.01
Power drift (%)	-2.30
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	2.07
Duty factor:	1:1

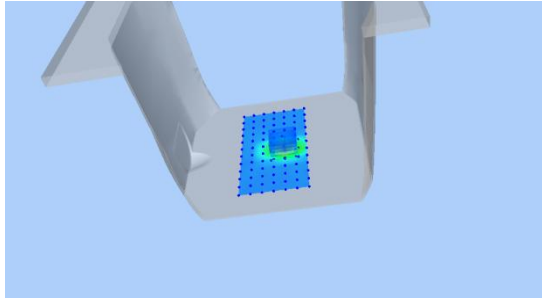
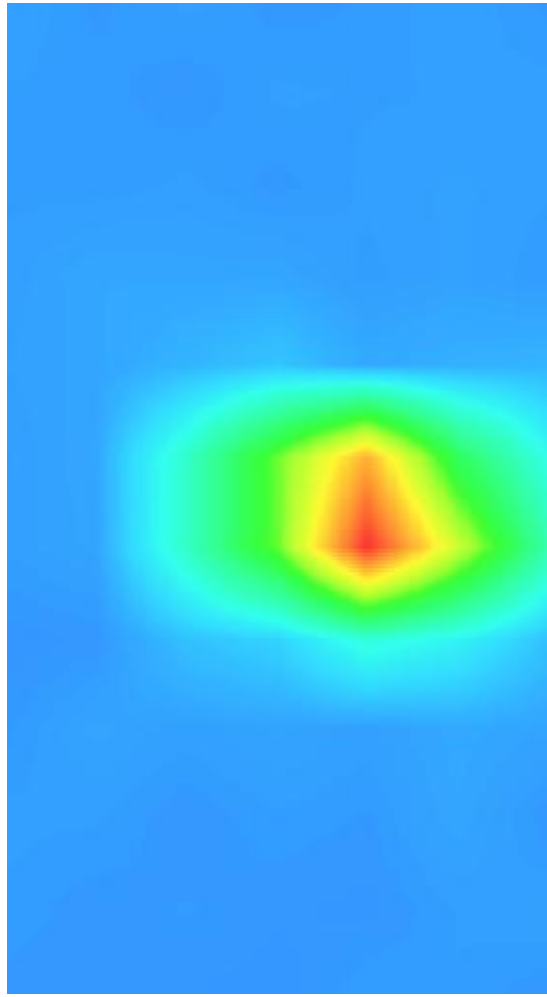


Maximum location: X=12.00, Y=-5.00

SAR 10g (W/Kg)	0.563595
SAR 1g (W/Kg)	1.599476

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	4.7672	2.8522	0.5523	0.0588	0.0152



3D screen shot	Hot spot position
	

## System Performance Check (Head, 5600MHz)

Type: Validation measurement

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

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

Date of measurement: 06/06/2018

Measurement duration: 22 minutes 21seconds

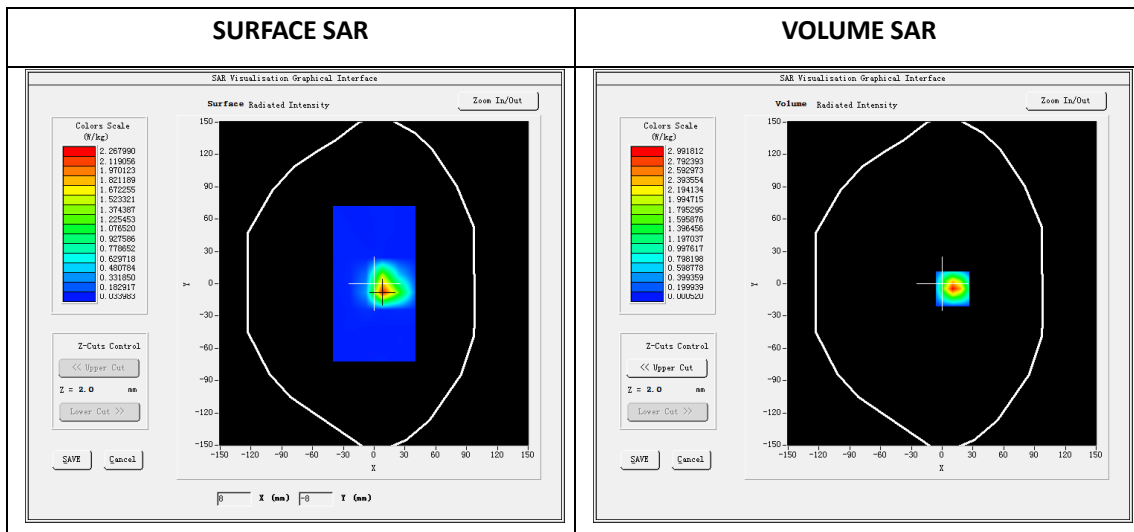
### A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	5600MHz
Channels	
Signal	CW

### B. SAR Measurement Results

#### Band SAR

E-Field Probe	SATIMO SN_27/15_EP276
Frequency (MHz)	5600
Relative permittivity (real part)	36.39
Relative permittivity	15.71
Conductivity (S/m)	4.89
Power drift (%)	-3.08
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	2.18
Duty factor:	1:1

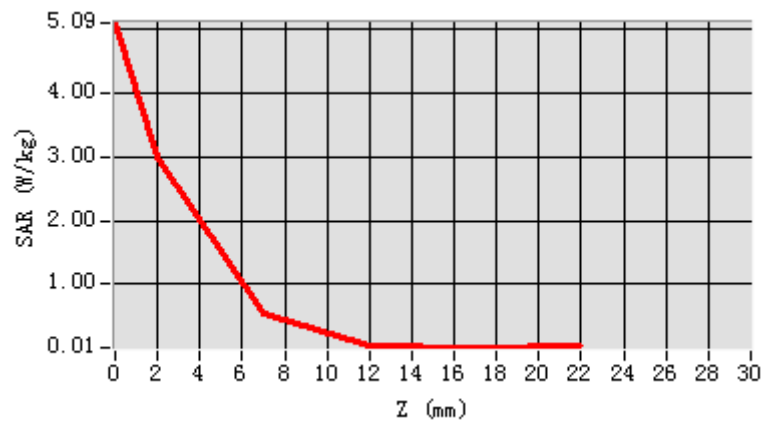


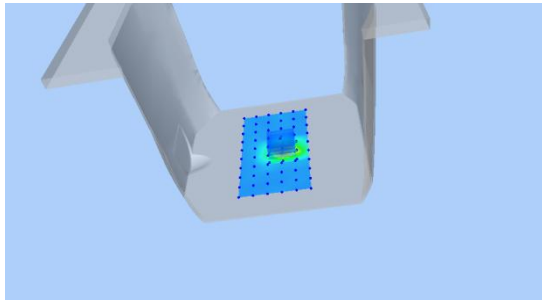
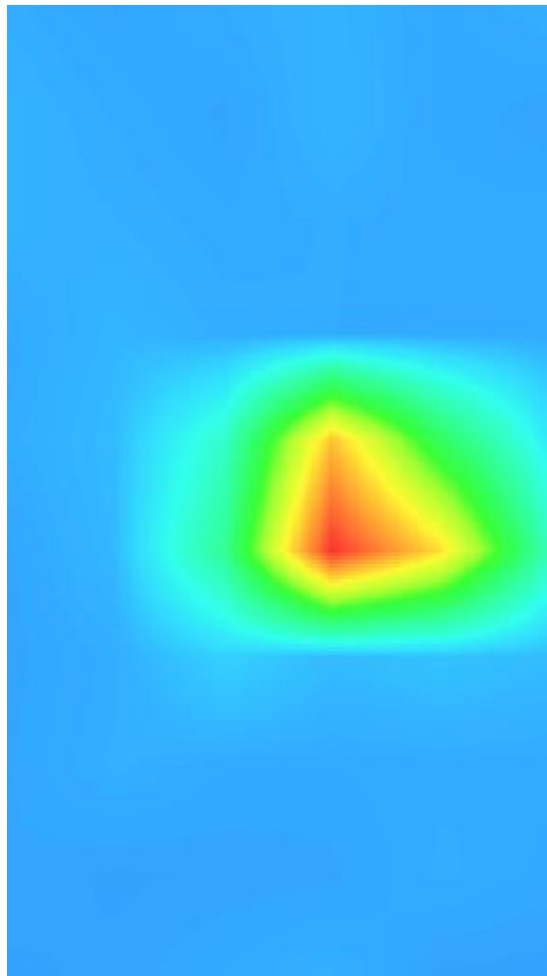
Maximum location: X=10.00, Y=-5.00

SAR 10g (W/Kg)	0.596708
SAR 1g (W/Kg)	1.689759



Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	5.0857	2.9918	0.5312	0.0450	0.0122



3D screen shot	Hot spot position
	

## System Performance Check (Head, 5800MHz)

Type: Validation measurement

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

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

Date of measurement: 06/06/2018

Measurement duration: 22 minutes 11seconds

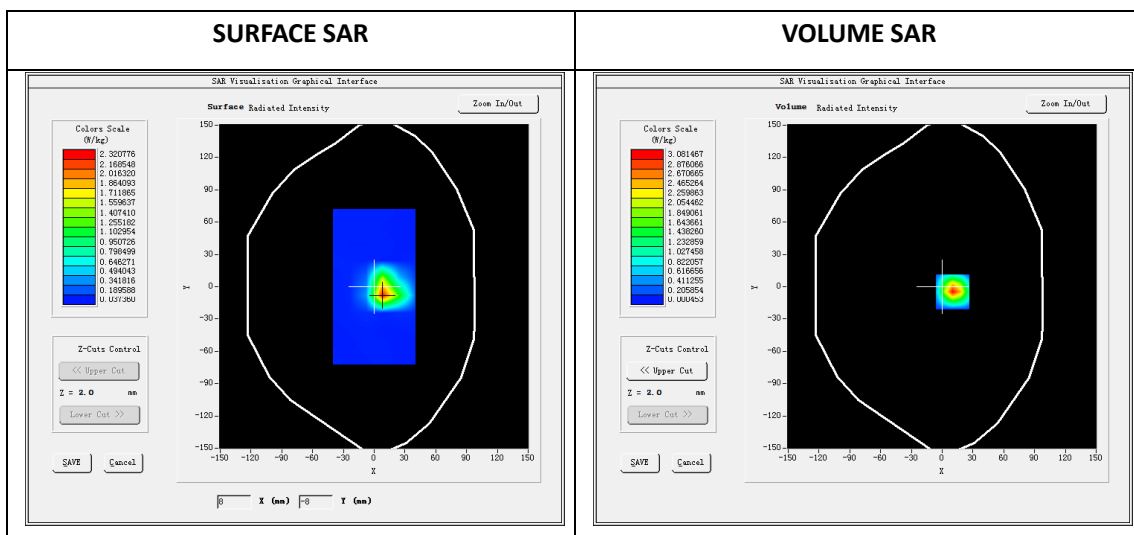
### A. Experimental conditions.

Phantom File	dx=8mm dy=8mm
Phantom	5x5x7,dx=8mm dy=8mm dz=5mm
Device Position	Dipole
Band	5800MHz
Channels	
Signal	CW

### B. SAR Measurement Results

#### Band SAR

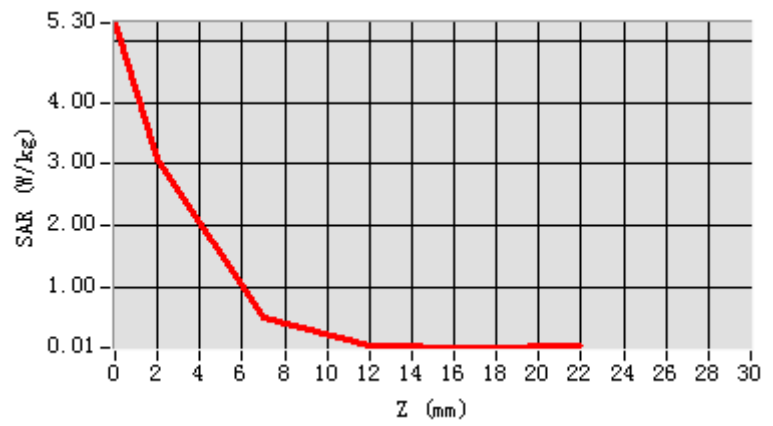
E-Field Probe	SATIMO SN_27/15_EP261
Frequency (MHz)	5800
Relative permittivity (real part)	37.75
Relative permittivity	16.44
Conductivity (S/m)	5.30
Power drift (%)	-2.30
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	2.26
Duty factor:	1:1

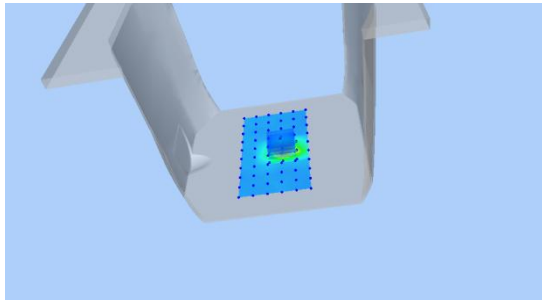
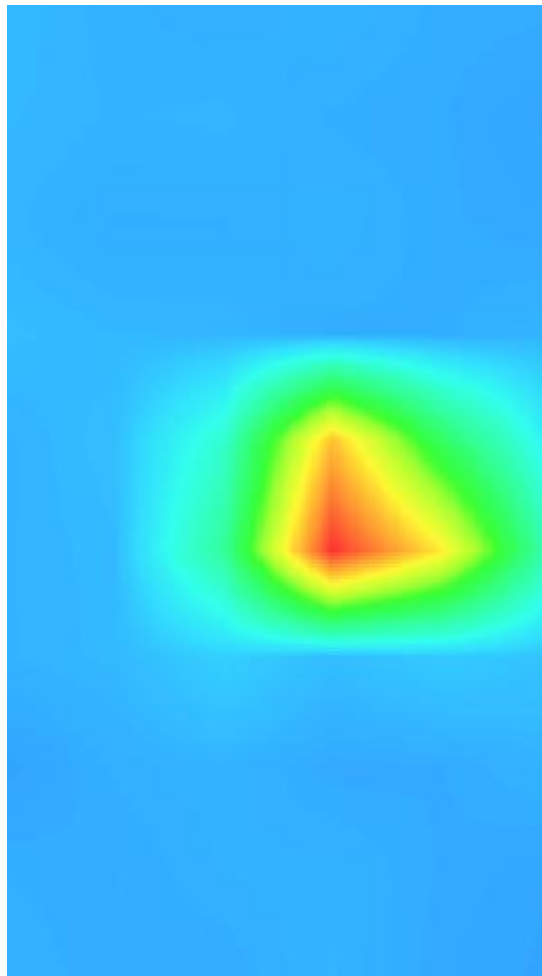


Maximum location: X=10.00, Y=-5.00

SAR 10g (W/Kg)	0.608972
SAR 1g (W/Kg)	1.731441

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	5.3031	3.0815	0.5107	0.0338	0.0081



3D screen shot	Hot spot position
	

## System Performance Check (Body, 835MHz)

Type: Validation measurement

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

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

Date of measurement: 05/16/2018

Measurement duration: 22 minutes 33seconds

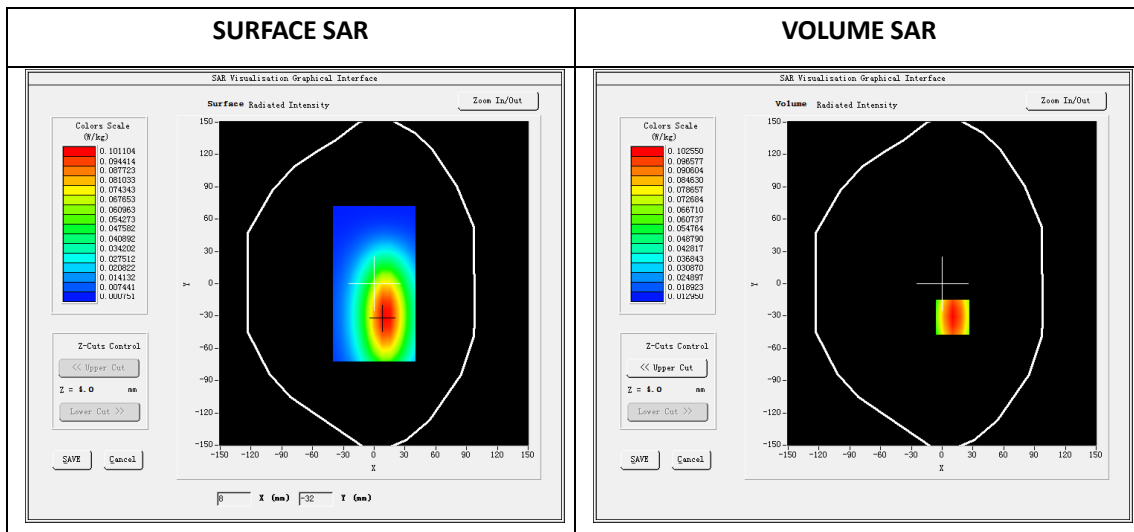
### A. Experimental conditions.

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

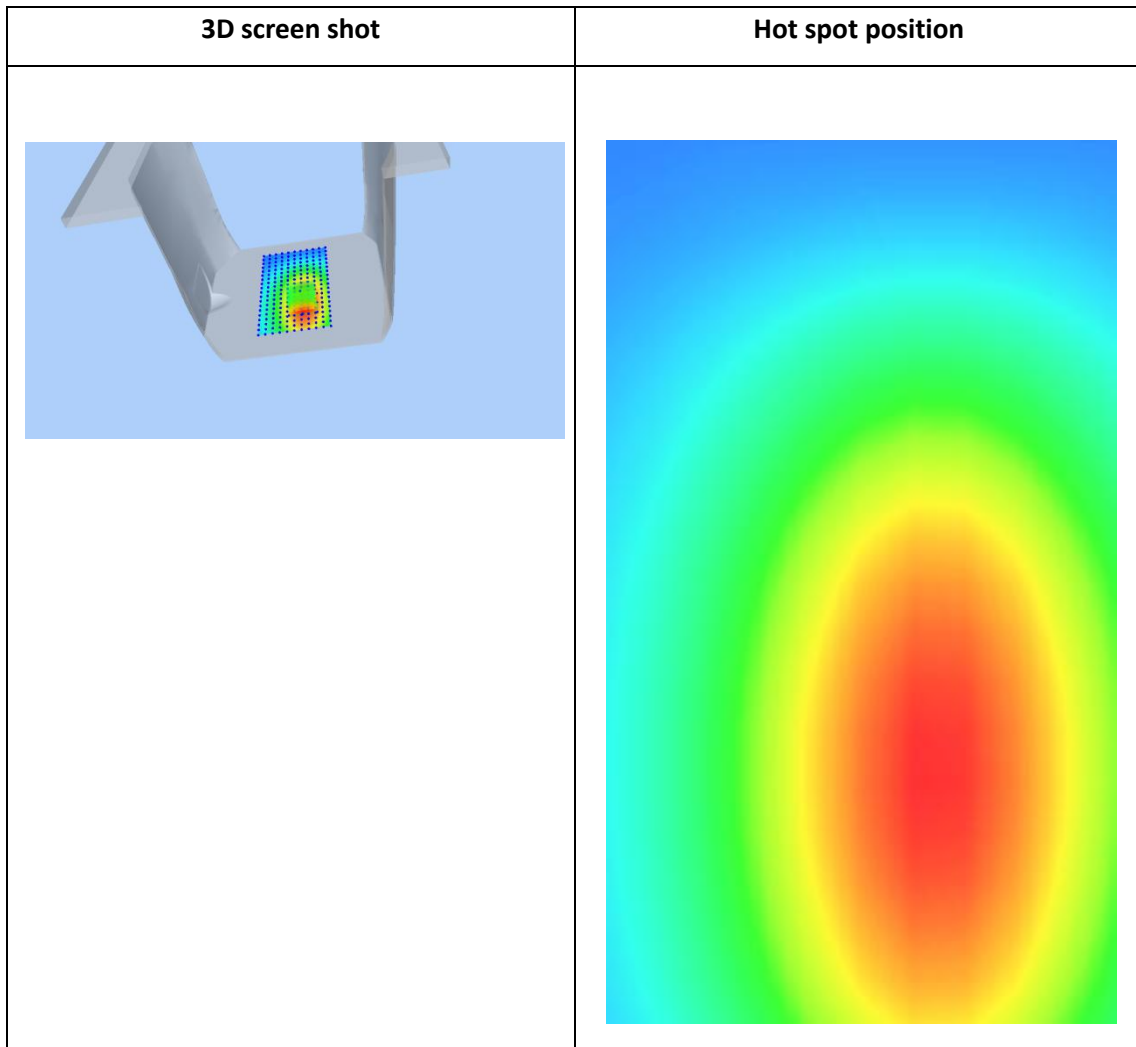
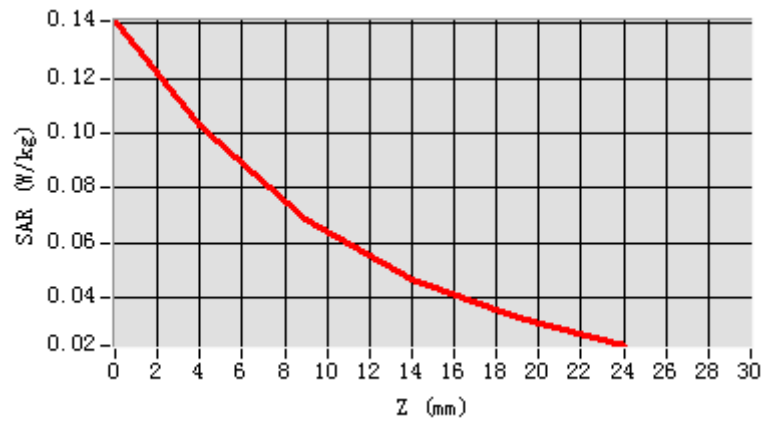
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	835
Relative permittivity (real part)	55.36
Relative permittivity	20.47
Conductivity (S/m)	0.93
Power drift (%)	-0.26
Ambient Temperature:	22.2°C
Liquid Temperature:	22.5°C
ConvF:	5.18
Duty factor:	1:1



Maximum location: X=10.00, Y=-31.00

SAR 10g (W/Kg)	0.063400
SAR 1g (W/Kg)	0.097695

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1403	0.1015	0.0671	0.0443	0.0318



## 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: 05/16/2018

Measurement duration: 22 minutes 16 seconds

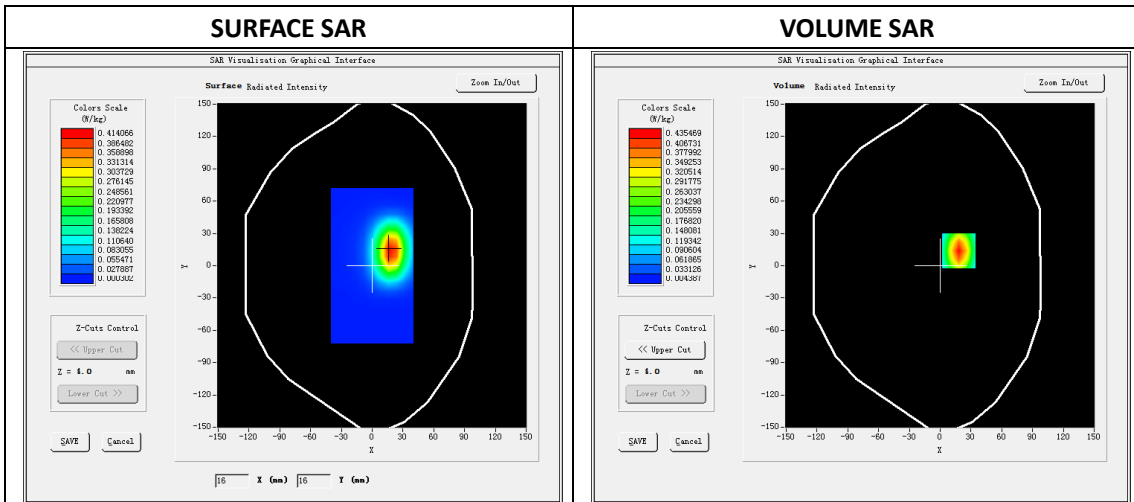
### A. Experimental conditions.

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

### B. SAR Measurement Results

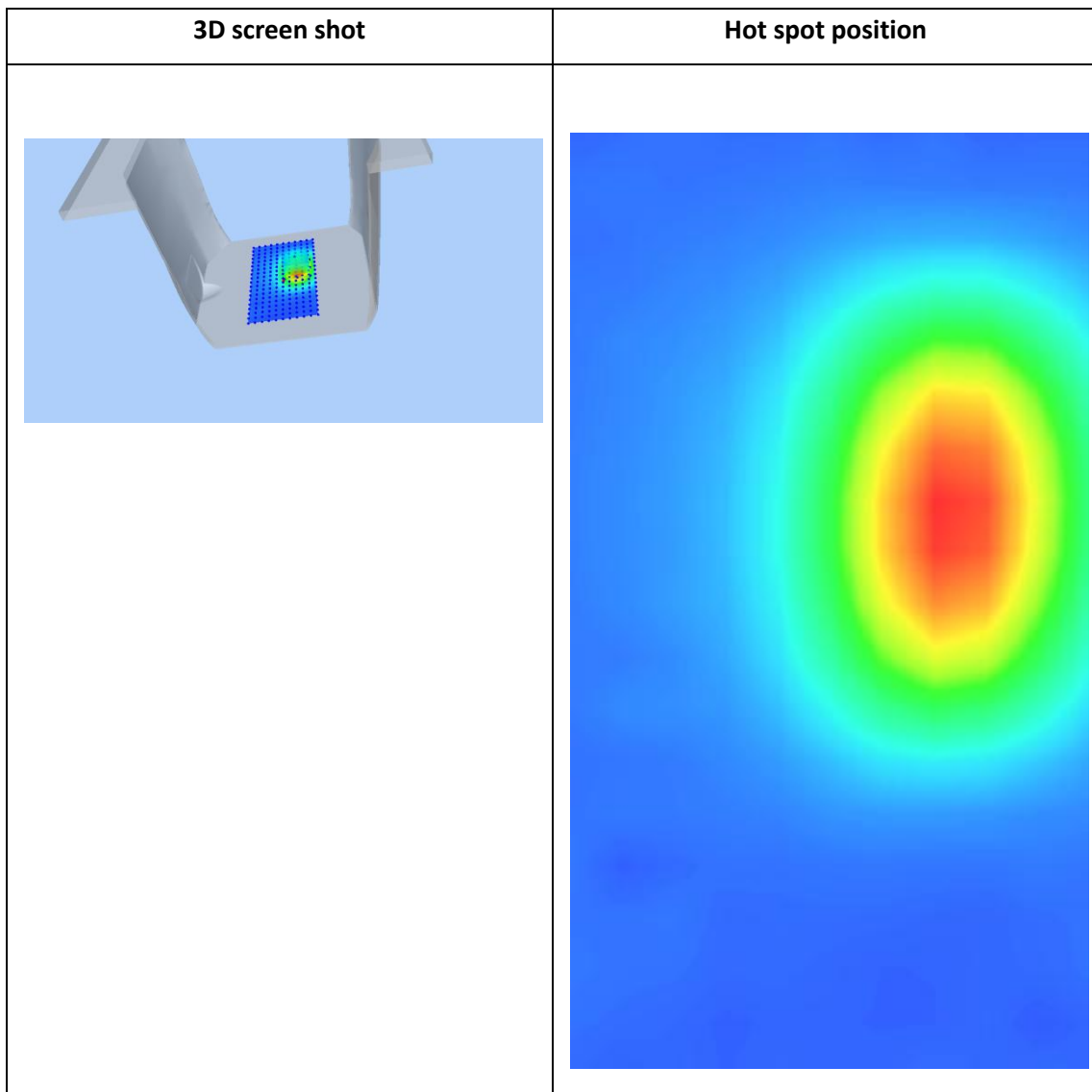
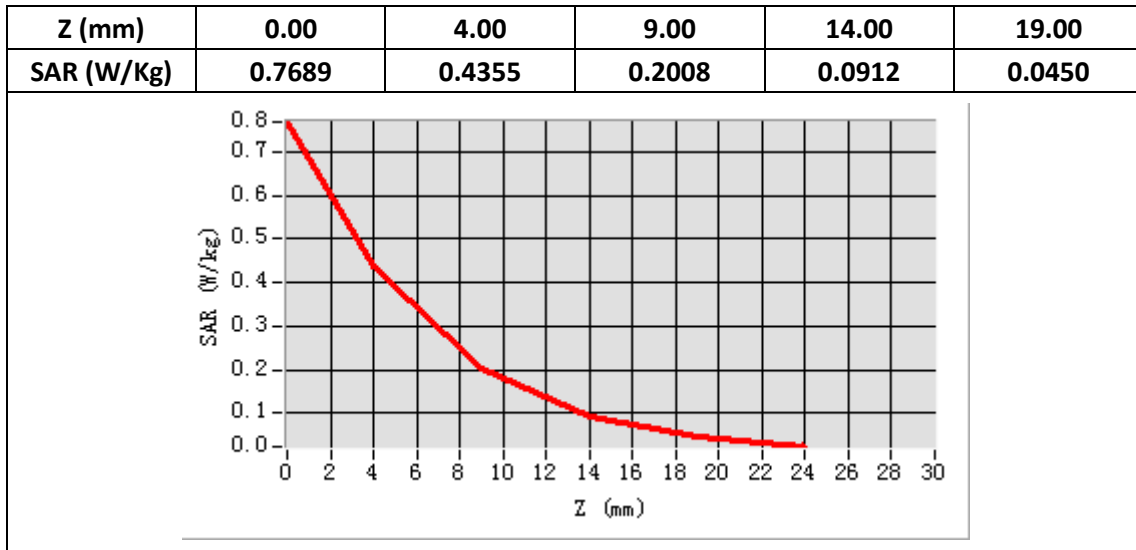
Band SAR

<b>E-Field Probe</b>	SATIMO SN_43/15_EP276
<b>Frequency (MHz)</b>	1800
<b>Relative permittivity (real part)</b>	53.15
<b>Relative permittivity</b>	14.80
<b>Conductivity (S/m)</b>	1.48
<b>Power Drift (%)</b>	-0.49
<b>Ambient Temperature:</b>	22.1°C
<b>Liquid Temperature:</b>	22.6°C
<b>ConvF:</b>	4.43
<b>Duty factor:</b>	1:1



**Maximum location: X=18.00, Y=14.00**

<b>SAR 10g (W/Kg)</b>	0.190988
<b>SAR 1g (W/Kg)</b>	0.404567



## 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: 05/17/2018

Measurement duration: 22 minutes 35 seconds

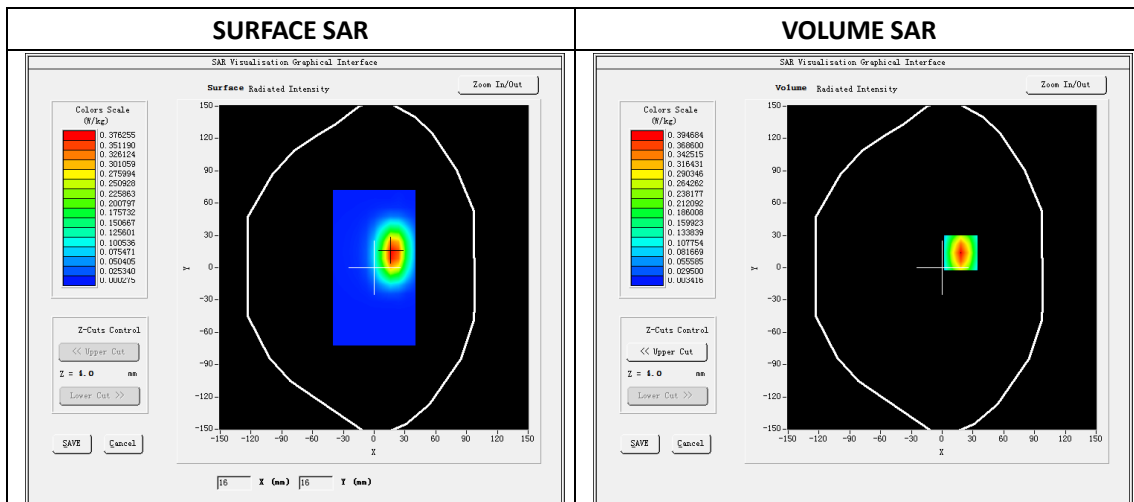
### A. Experimental conditions.

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

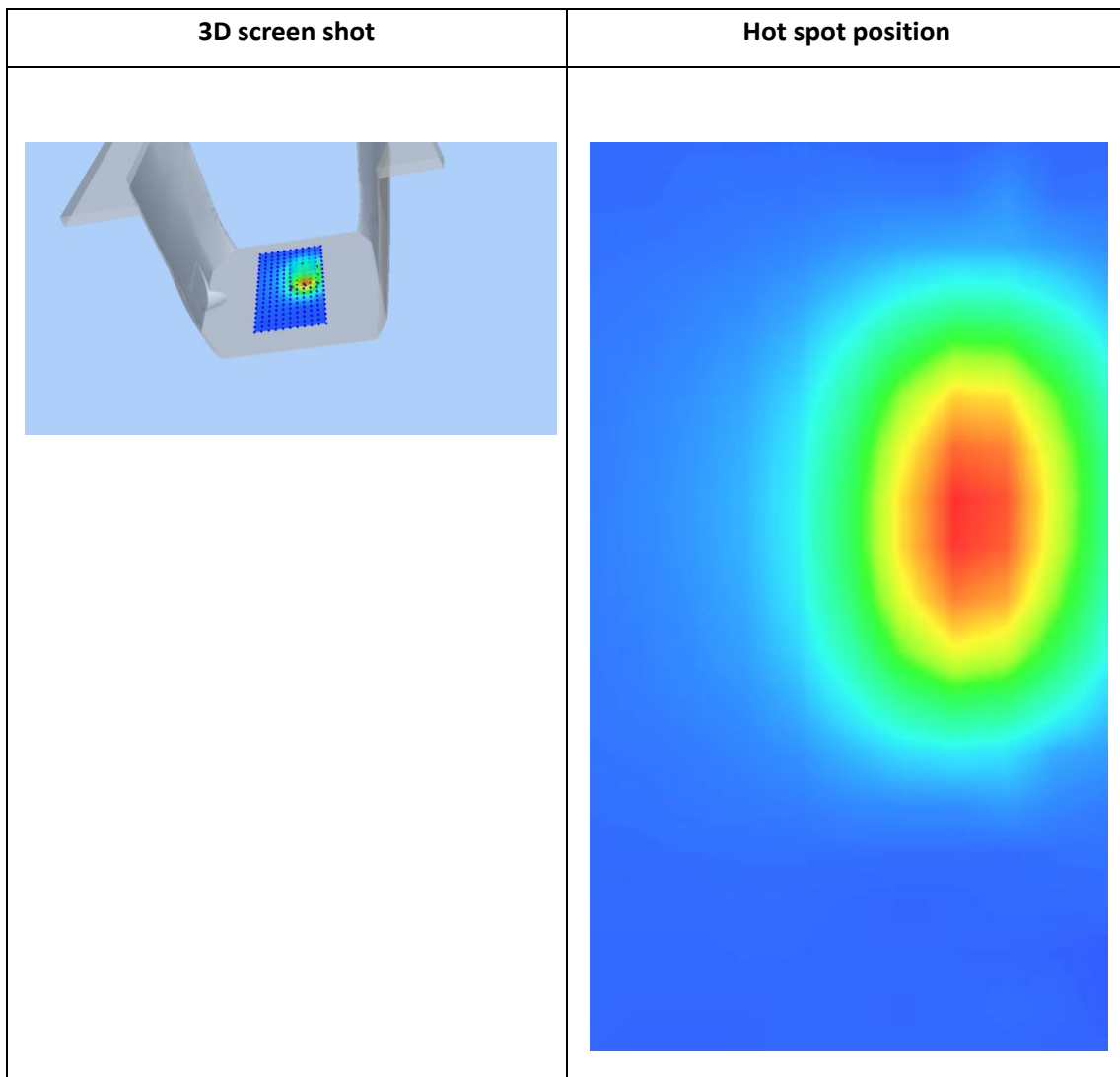
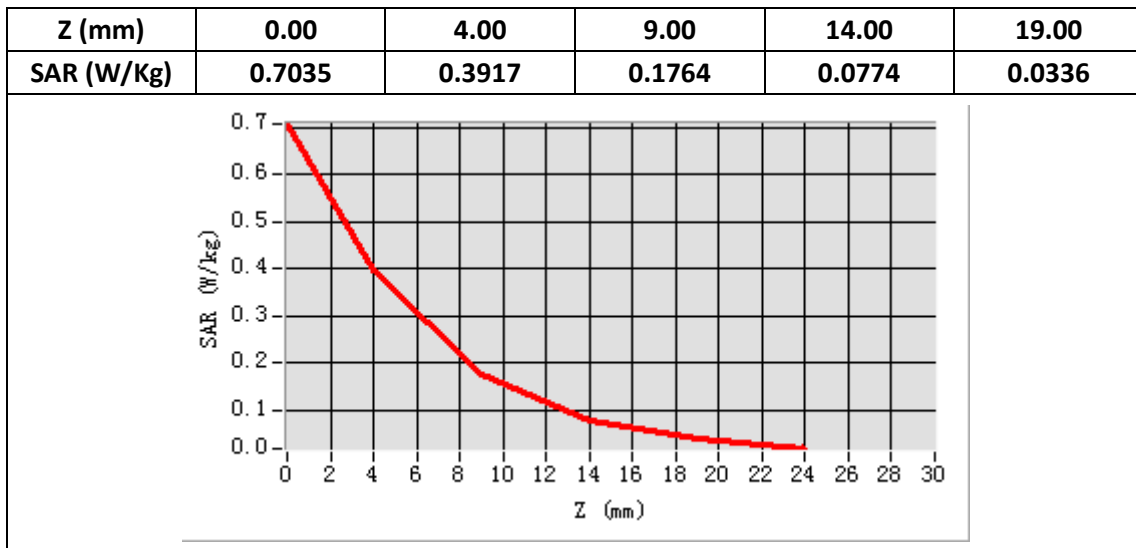
E-Field Probe	SATIMO SN_43/15_EP276
Frequency (MHz)	1900
Relative permittivity (real part)	53.96
Relative permittivity	14.21
Conductivity (S/m)	1.50
Power Drift (%)	-0.13
Ambient Temperature:	22.1°C
Liquid Temperature:	22.6°C
ConvF:	4.83
Duty factor:	1:1



**Maximum location: X=18.00, Y=14.00**

SAR 10g (W/Kg)	0.181271
SAR 1g (W/Kg)	0.397246





## 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: 05/15/2018

Measurement duration: 22 minutes 38 seconds

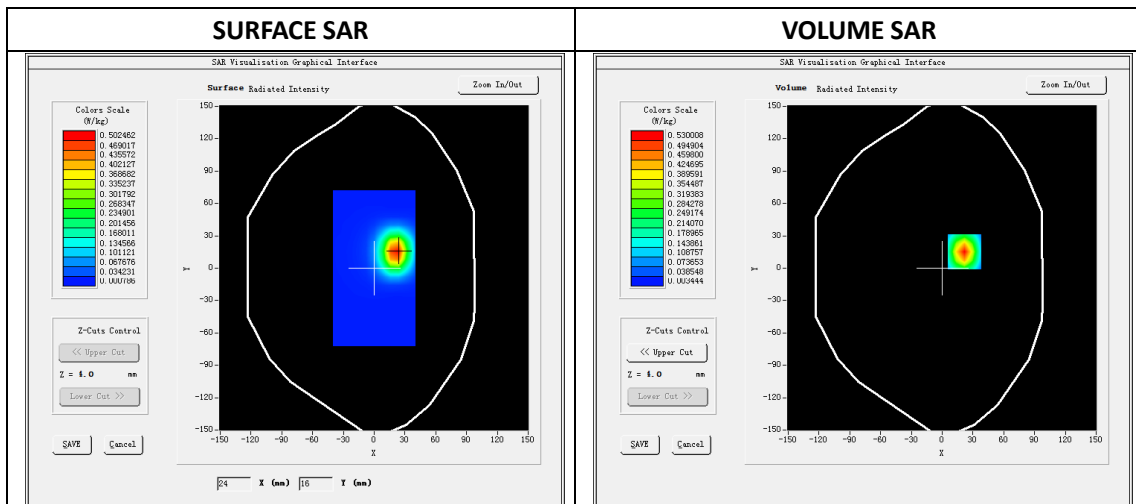
### A. Experimental conditions.

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

### B. SAR Measurement Results

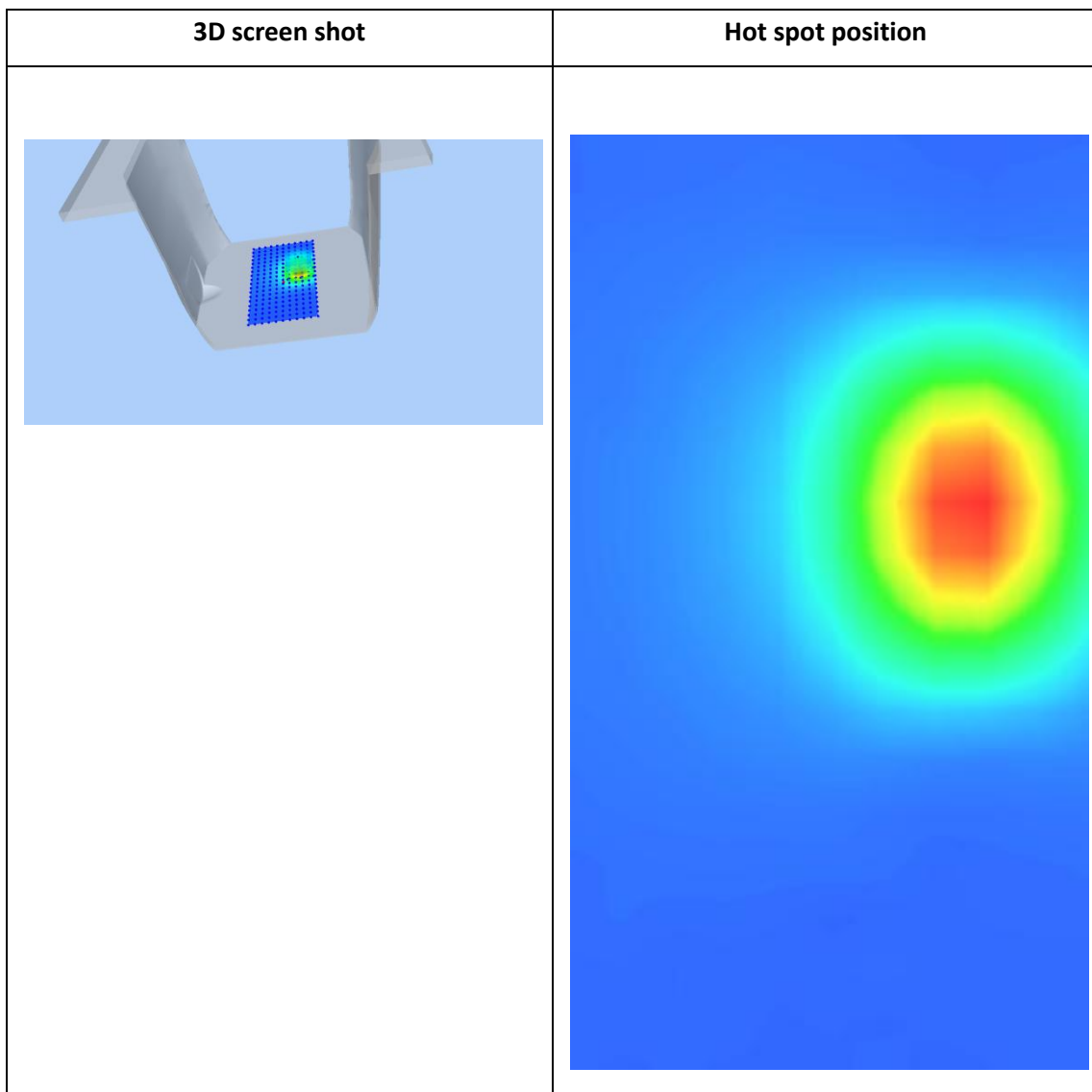
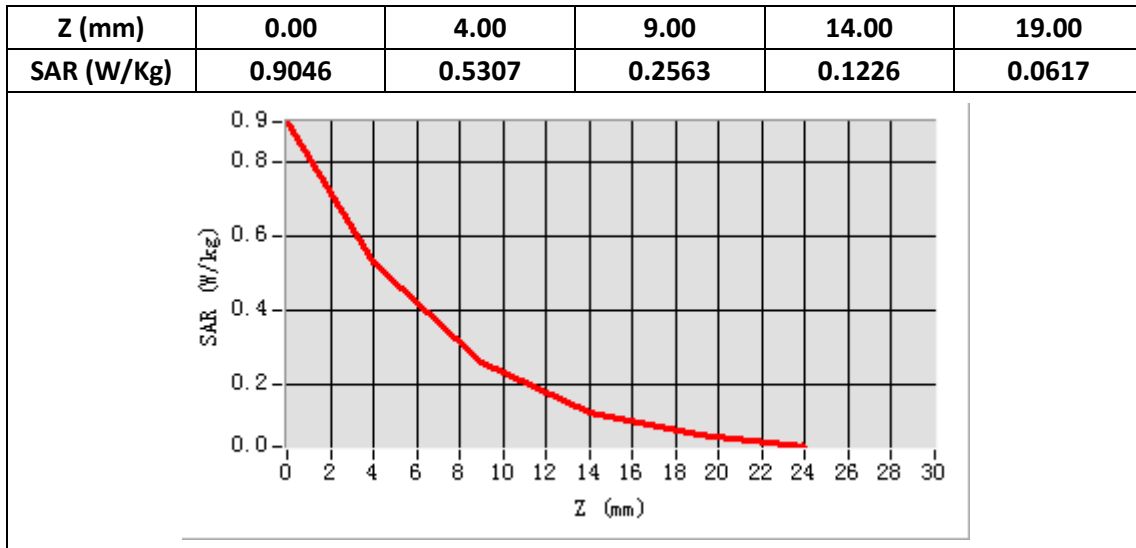
#### Band SAR

<b>E-Field Probe</b>	SATIMO SN_43/15_EP276
<b>Frequency (MHz)</b>	2450
<b>Relative permittivity (real part)</b>	52.36
<b>Relative permittivity</b>	15.04
<b>Conductivity (S/m)</b>	1.92
<b>Power Drift (%)</b>	-0.26
<b>Duty factor:</b>	1:1
<b>ConvF:</b>	4.61



**Maximum location: X=22.00, Y=15.00**

<b>SAR 10g (W/Kg)</b>	0.226964
<b>SAR 1g (W/Kg)</b>	0.512794



## 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: 05/21/2018

Measurement duration: 22 minutes 21 seconds

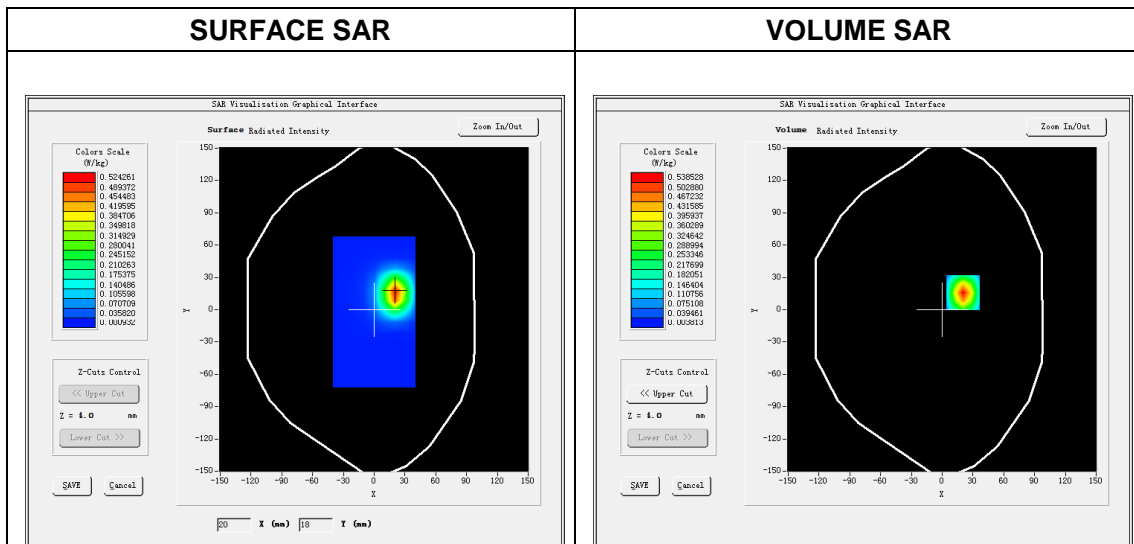
### A. Experimental conditions.

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

### B. SAR Measurement Results

#### Band SAR

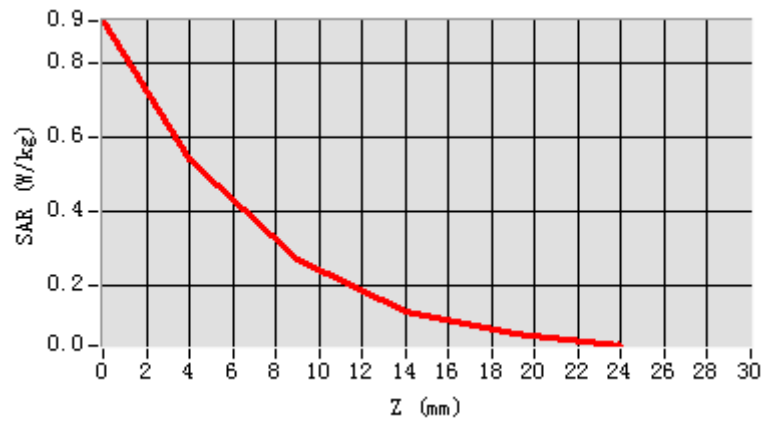
<b>E-Field Probe</b>	SATIMO SN_43/15_EP276
<b>Frequency (MHz)</b>	2600
<b>Relative permittivity (real part)</b>	52.41
<b>Relative permittivity</b>	14.26
<b>Conductivity (S/m)</b>	2.06
<b>Power drift (%)</b>	-1.29
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>Crest factor:</b>	1:1
<b>ConvF:</b>	4.28

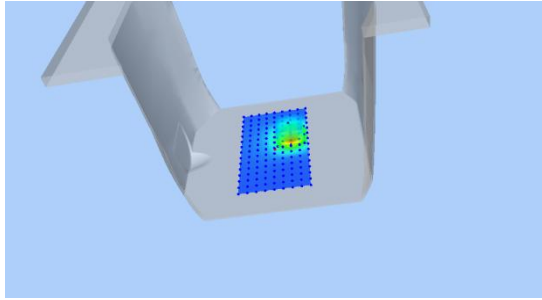
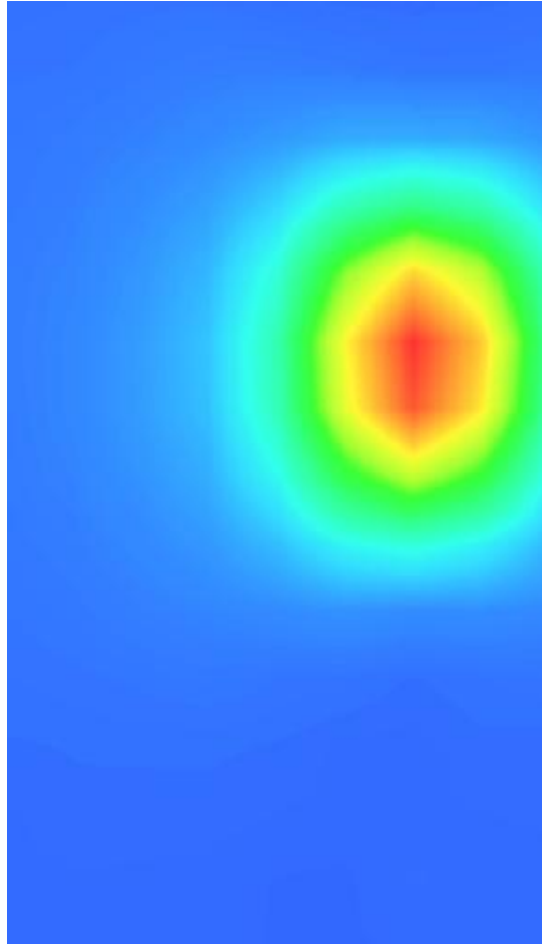


**Maximum location: X=20.00, Y=16.00**

<b>SAR 10g (W/Kg)</b>	0.276131
<b>SAR 1g (W/Kg)</b>	0.552080

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9115	0.5347	0.2621	0.1270	0.0661



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: 05/06/2018

Measurement duration: 22 minutes 11 seconds

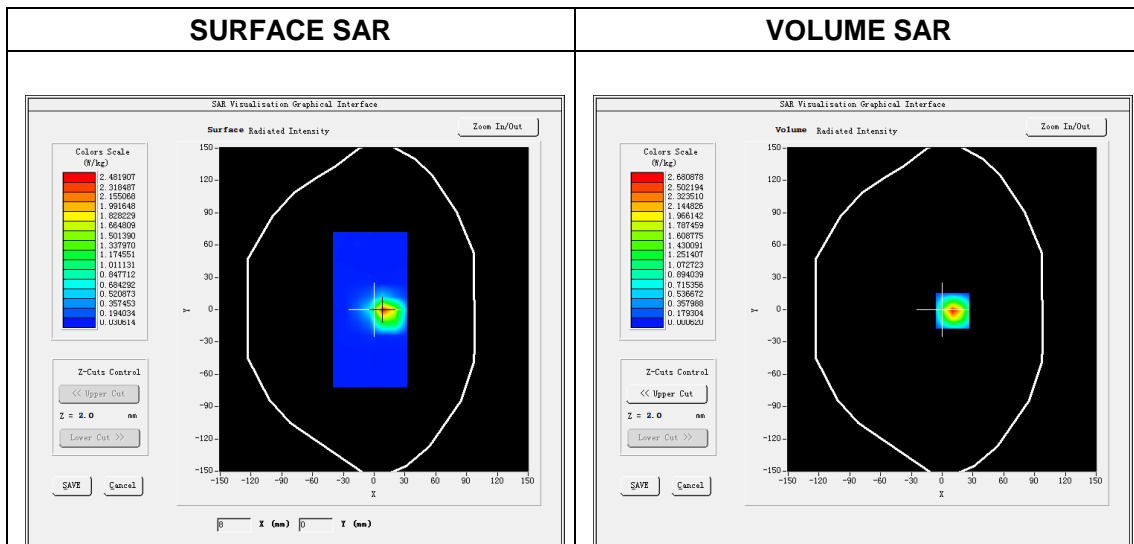
### A. Experimental conditions.

<b>Phantom File</b>	dx=8mm dy=8mm
<b>Phantom</b>	7x7x8,dx=5mm dy=5mm dz=4mm
<b>Device Position</b>	Dipole
<b>Band</b>	5200MHz
<b>Channels</b>	
<b>Signal</b>	CW

### B. SAR Measurement Results

#### Band SAR

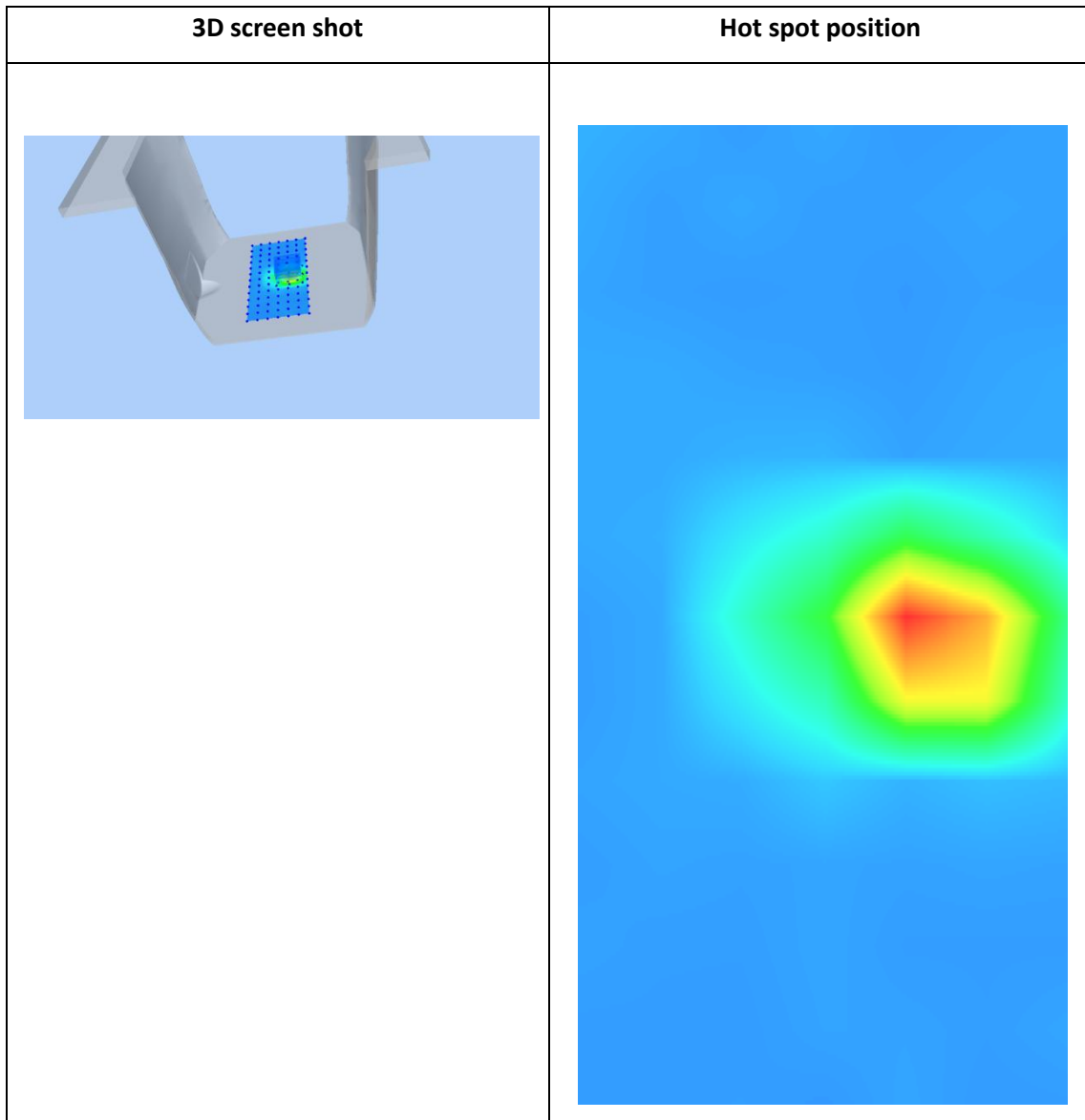
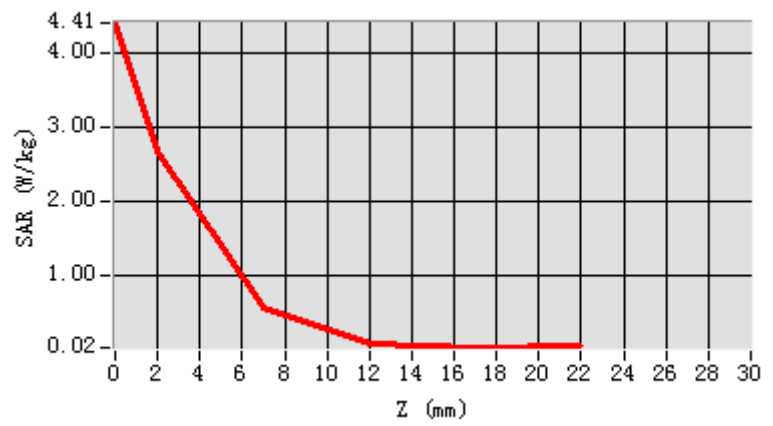
<b>E-Field Probe</b>	SATIMO SN_27/15_EP261
<b>Frequency (MHz)</b>	5200
<b>Relative permittivity (real part)</b>	49.55
<b>Relative permittivity</b>	18.43
<b>Conductivity (S/m)</b>	5.22
<b>Power drift (%)</b>	-2.83
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>Crest factor:</b>	1:1
<b>ConvF:</b>	2.27



**Maximum location: X=10.00, Y=-1.00**

<b>SAR 10g (W/Kg)</b>	0.550127
<b>SAR 1g (W/Kg)</b>	1.537940

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	4.4057	2.6809	0.5667	0.0780	0.0250



## 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: 05/06/2018

Measurement duration: 22 minutes 03 seconds

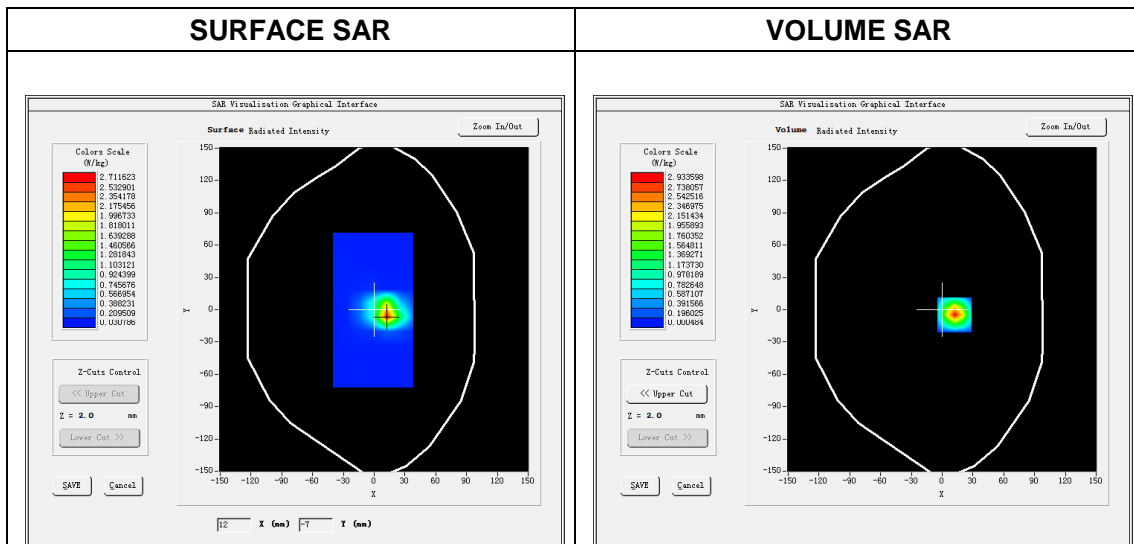
### A. Experimental conditions.

<b>Phantom File</b>	dx=8mm dy=8mm
<b>Phantom</b>	7x7x8,dx=5mm dy=5mm dz=4mm
<b>Device Position</b>	Dipole
<b>Band</b>	5400MHz
<b>Channels</b>	
<b>Signal</b>	CW

### B. SAR Measurement Results

#### Band SAR

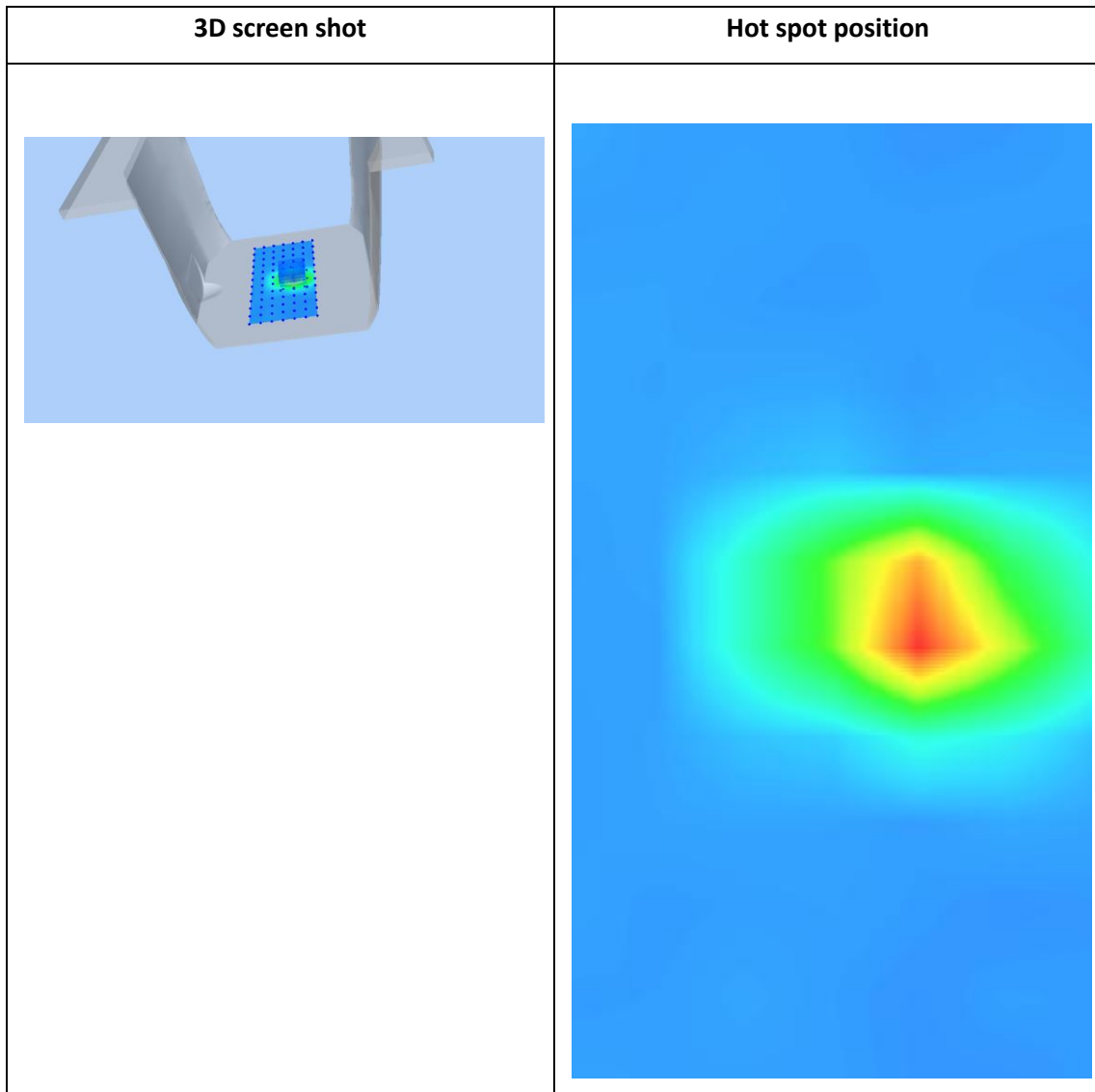
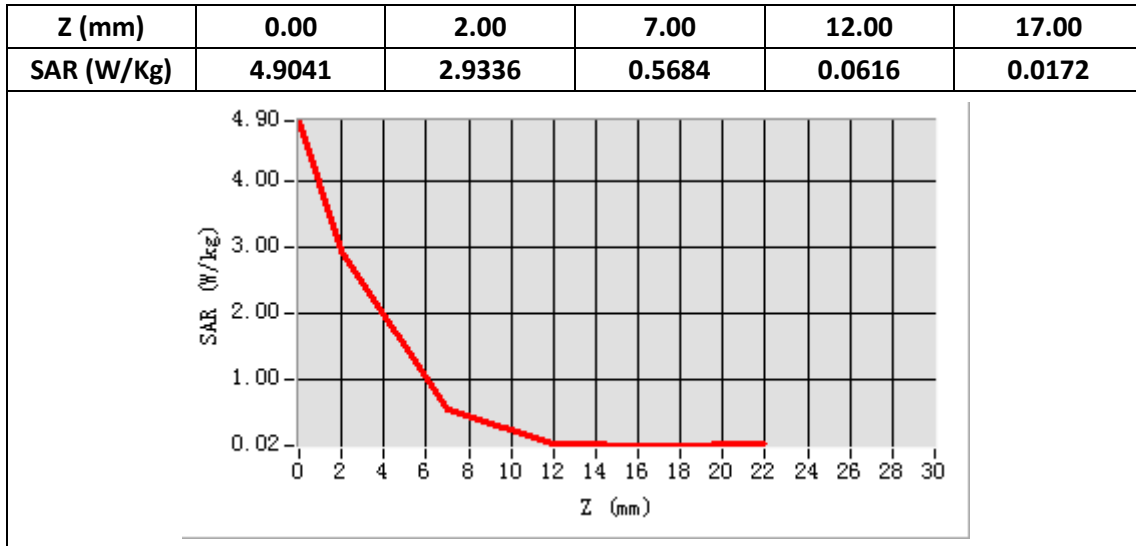
<b>E-Field Probe</b>	SATIMO SN_27/15_EP261
<b>Frequency (MHz)</b>	5400
<b>Relative permittivity (real part)</b>	48.33
<b>Relative permittivity</b>	18.20
<b>Conductivity (S/m)</b>	5.46
<b>Power drift (%)</b>	-1.29
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>Crest factor:</b>	1:1
<b>ConvF:</b>	2.14



**Maximum location: X=12.00, Y=-5.00**

<b>SAR 10g (W/Kg)</b>	0.581585
<b>SAR 1g (W/Kg)</b>	1.647127





## 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: 06/06/2018

Measurement duration: 22 minutes 11 seconds

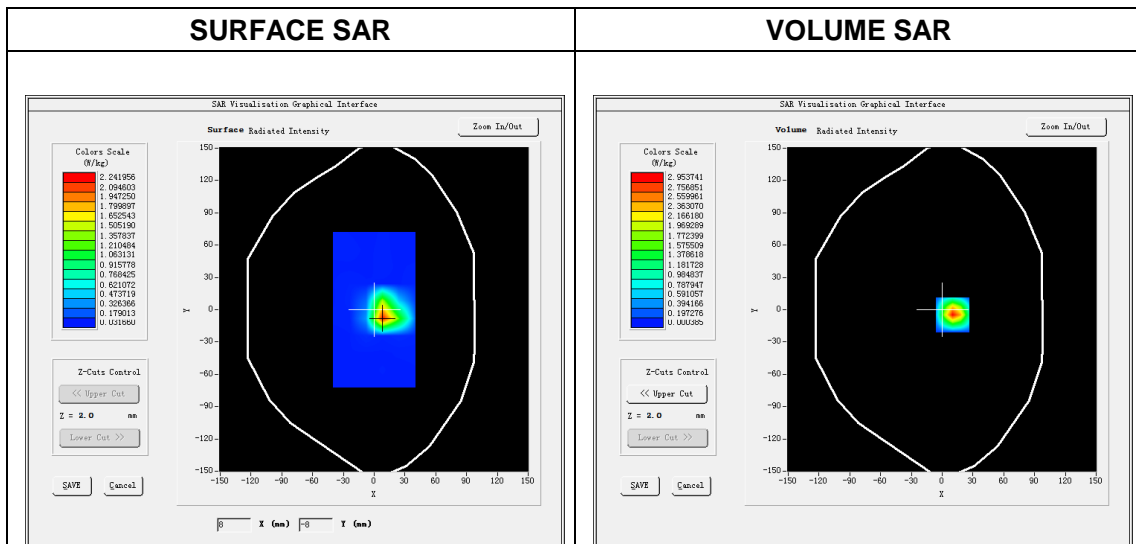
### A. Experimental conditions.

<b>Phantom File</b>	dx=8mm dy=8mm
<b>Phantom</b>	7x7x8,dx=5mm dy=5mm dz=4mm
<b>Device Position</b>	Dipole
<b>Band</b>	5600MHz
<b>Channels</b>	
<b>Signal</b>	CW

### B. SAR Measurement Results

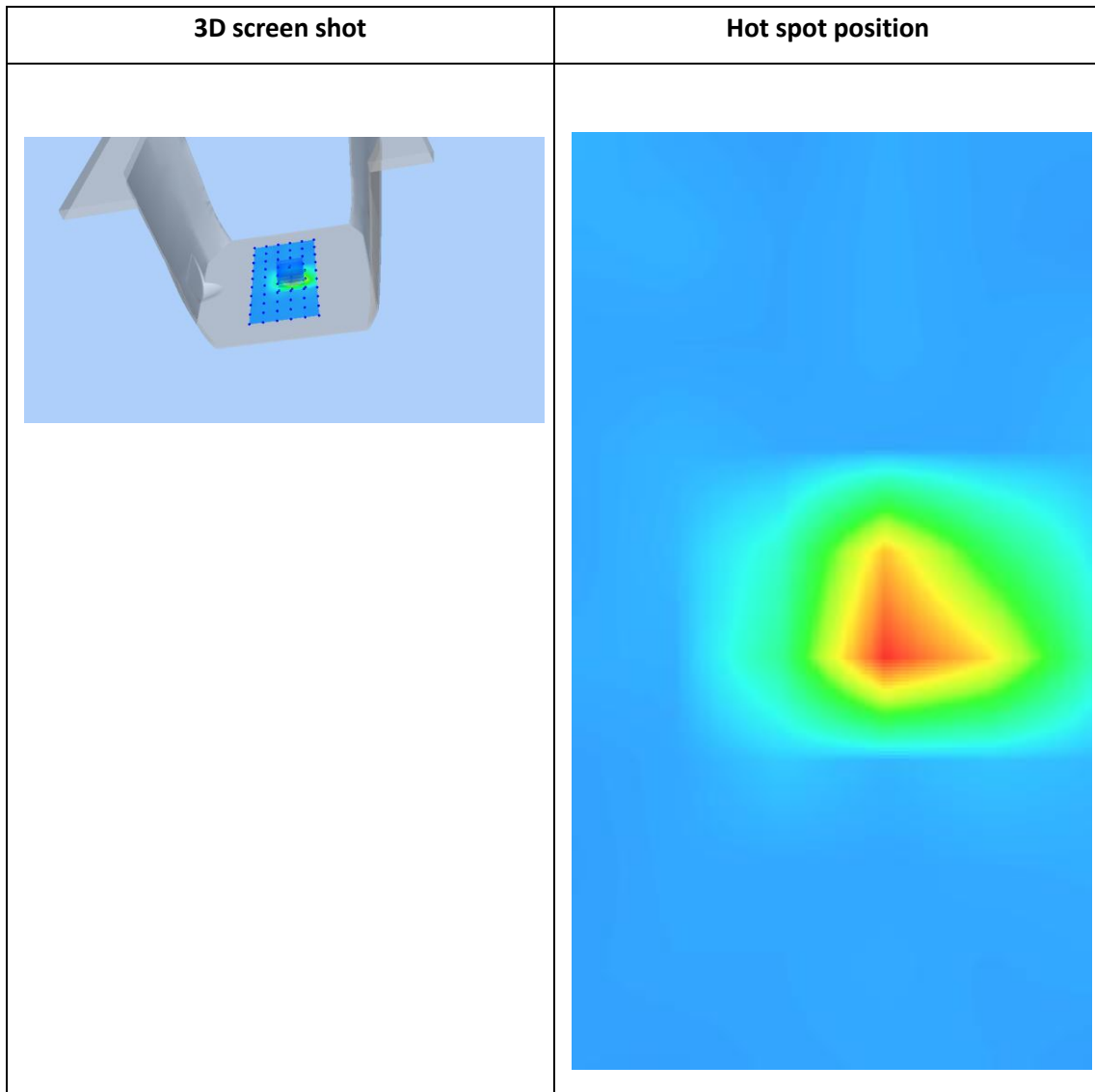
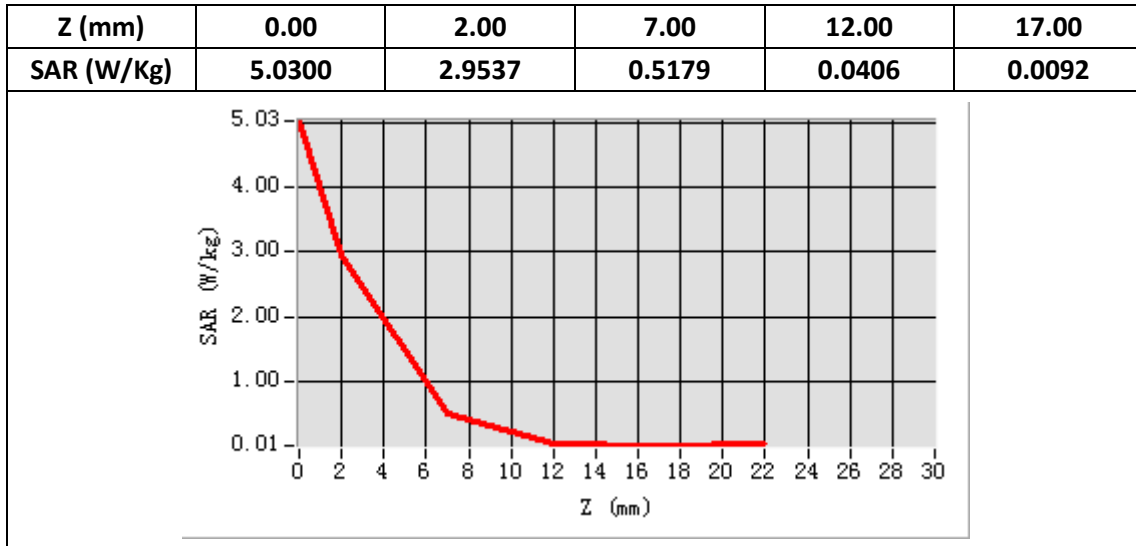
#### Band SAR

<b>E-Field Probe</b>	SATIMO SN_27/15_EP261
<b>Frequency (MHz)</b>	5600
<b>Relative permittivity (real part)</b>	48.11
<b>Relative permittivity</b>	17.13
<b>Conductivity (S/m)</b>	5.33
<b>Power drift (%)</b>	-2.47
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>Crest factor:</b>	1:1
<b>ConvF:</b>	2.24



**Maximum location: X=10.00, Y=-5.00**

<b>SAR 10g (W/Kg)</b>	0.585760
<b>SAR 1g (W/Kg)</b>	1.663604



## 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: 06/06/2018

Measurement duration: 22 minutes 03 seconds

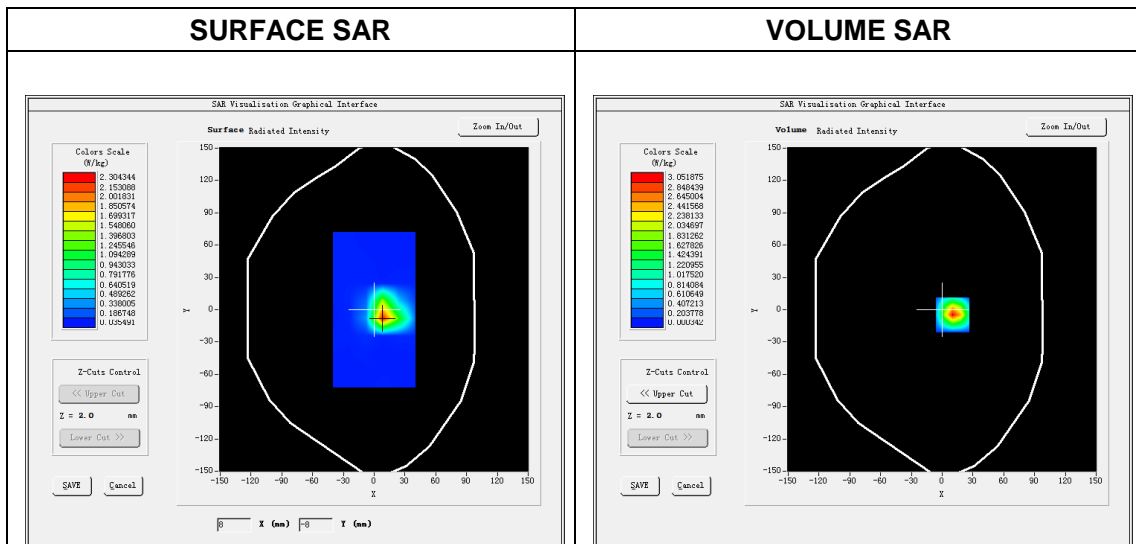
### A. Experimental conditions.

<b>Phantom File</b>	dx=8mm dy=8mm
<b>Phantom</b>	7x7x8,dx=5mm dy=5mm dz=4mm
<b>Device Position</b>	Dipole
<b>Band</b>	5800MHz
<b>Channels</b>	
<b>Signal</b>	CW

### B. SAR Measurement Results

#### Band SAR

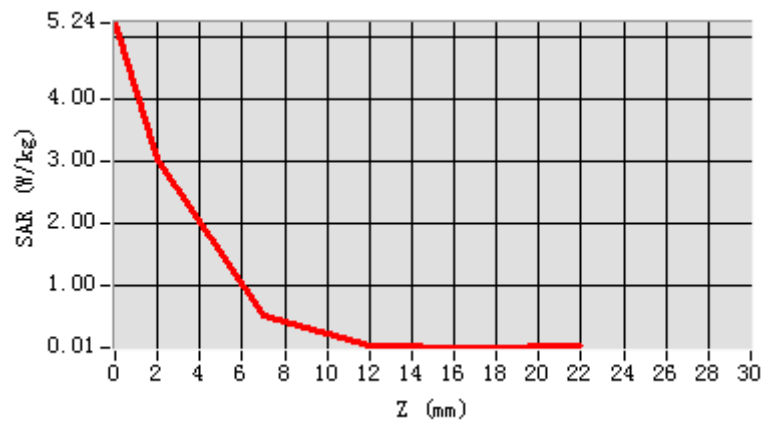
<b>E-Field Probe</b>	SATIMO SN_27/15_EP261
<b>Frequency (MHz)</b>	5800
<b>Relative permittivity (real part)</b>	48.21
<b>Relative permittivity</b>	18.24
<b>Conductivity (S/m)</b>	5.88
<b>Power drift (%)</b>	-2.1
<b>Ambient Temperature:</b>	22.2°C
<b>Liquid Temperature:</b>	22.5°C
<b>Crest factor:</b>	1:1
<b>ConvF:</b>	2.32



Maximum location: X=10.00, Y=-5.00

<b>SAR 10g (W/Kg)</b>	0.600529
<b>SAR 1g (W/Kg)</b>	1.710436

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	5.2390	3.0519	0.5114	0.0338	0.0066



3D screen shot	Hot spot position
