



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 06/28/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

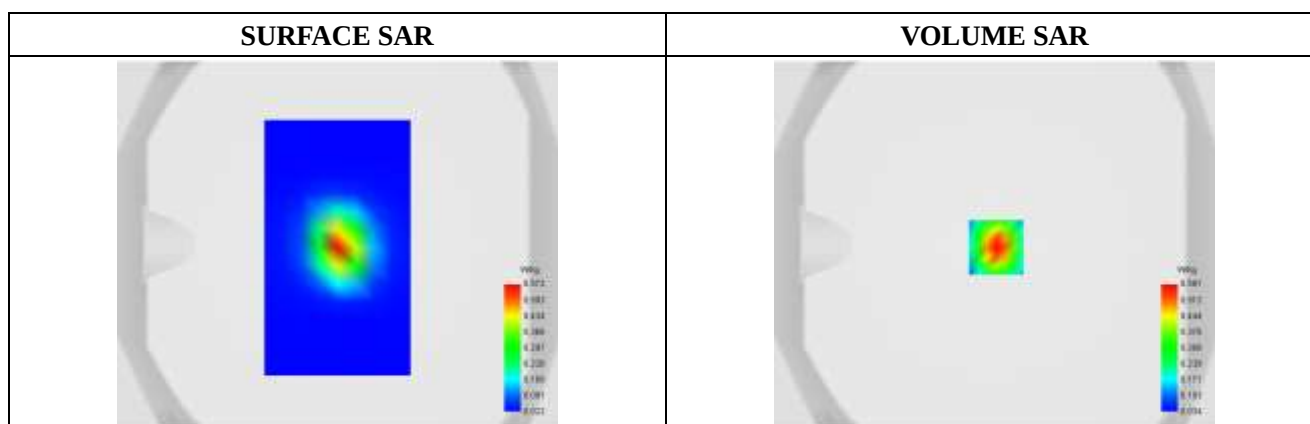
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	40.57
Conductivity (S/m)	1.79
Variation (%)	0.10

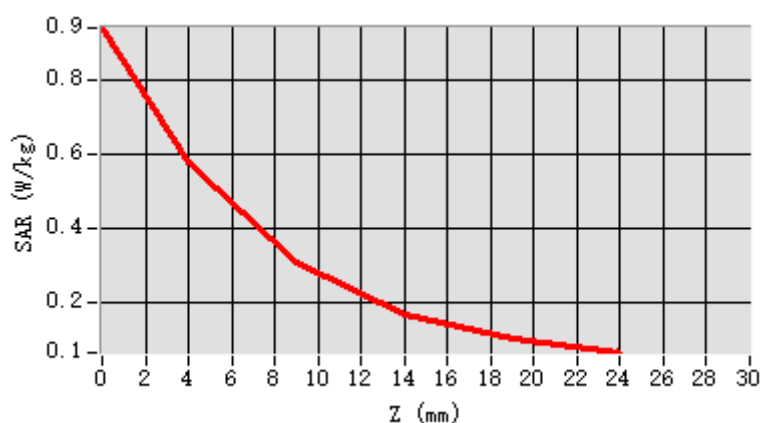
Maximum location: X=1.00, Y=-2.00

SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)	0.223524
SAR 1g (W/Kg)	0.523100



Z Axis Scan





System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 07/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5200MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

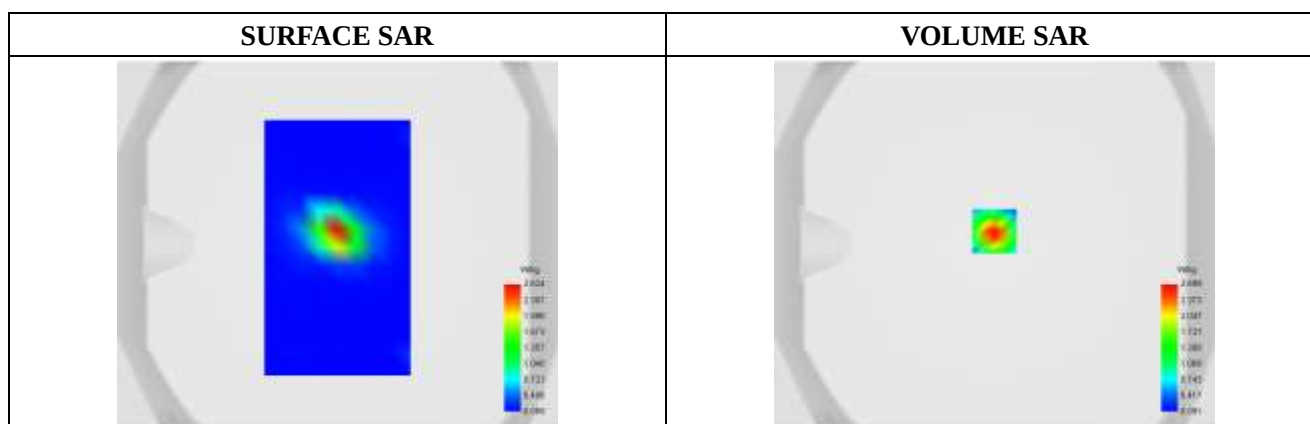
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.62
Conductivity (S/m)	4.69
Variation (%)	-0.07

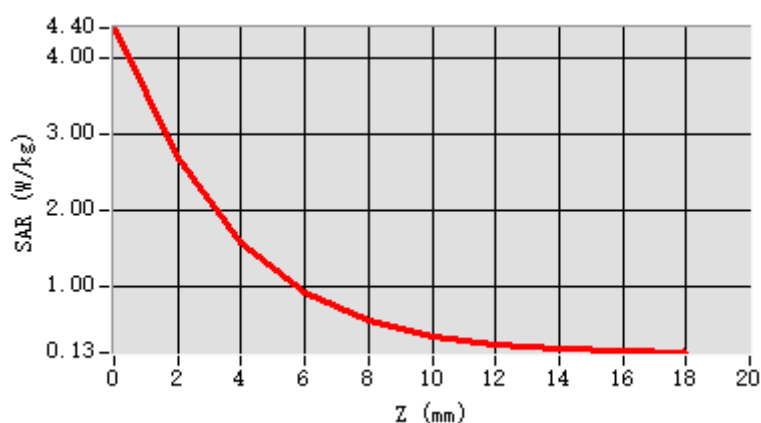
Maximum location: X=0.00, Y=7.00

SAR Peak: 4.40 W/kg

SAR 10g (W/Kg)	0.557460
SAR 1g (W/Kg)	1.520736



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 07/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5400MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

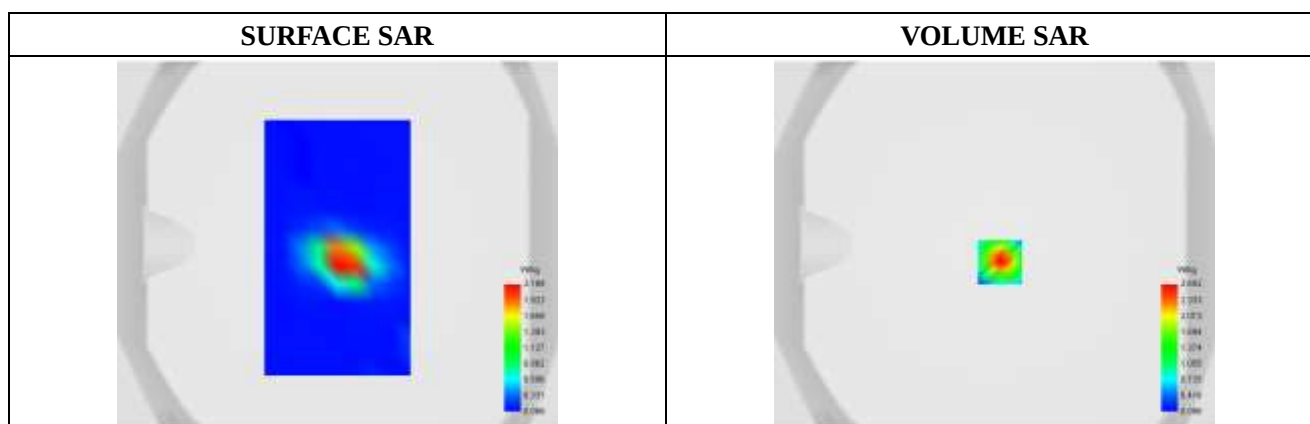
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	36.27
Conductivity (S/m)	4.94
Variation (%)	0.09

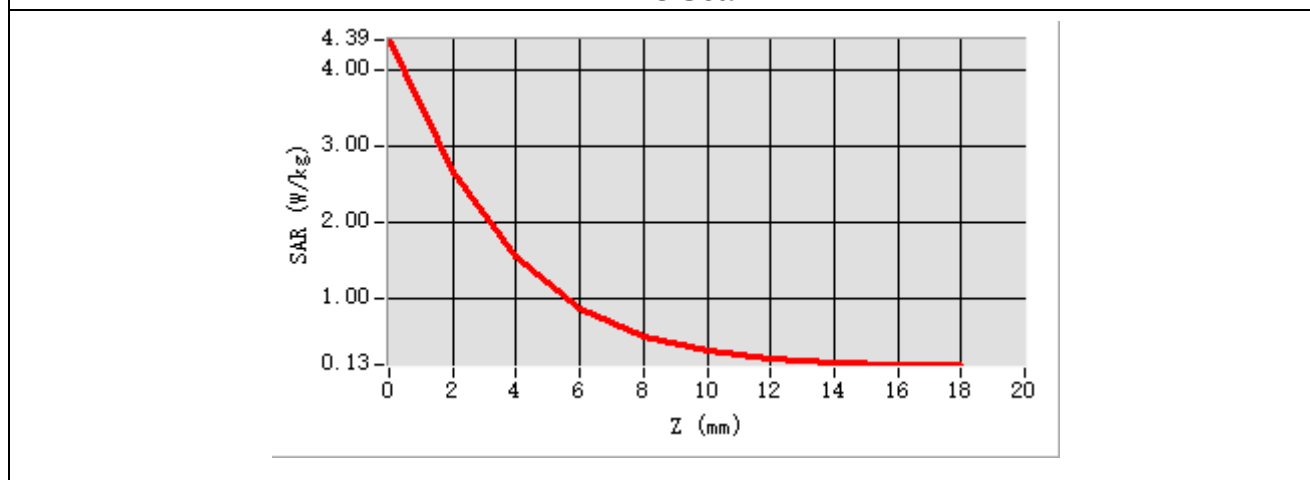
Maximum location: X=3.00, Y=-10.00

SAR Peak: 4.39 W/kg

SAR 10g (W/Kg)	0.542252
SAR 1g (W/Kg)	1.497686



Z Axis Scan





System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 07/02/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5600MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

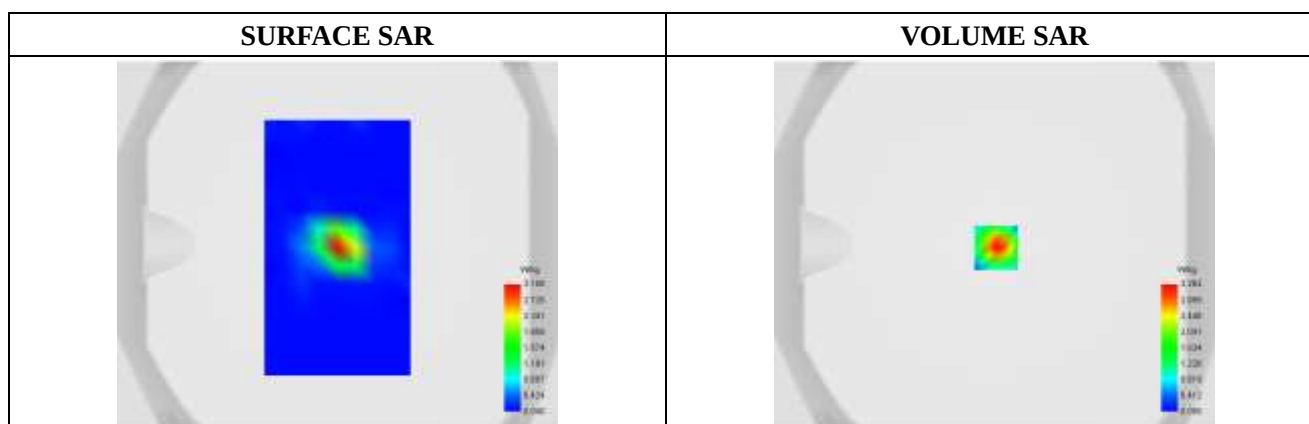
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	36.18
Conductivity (S/m)	4.97
Variation (%)	-0.74

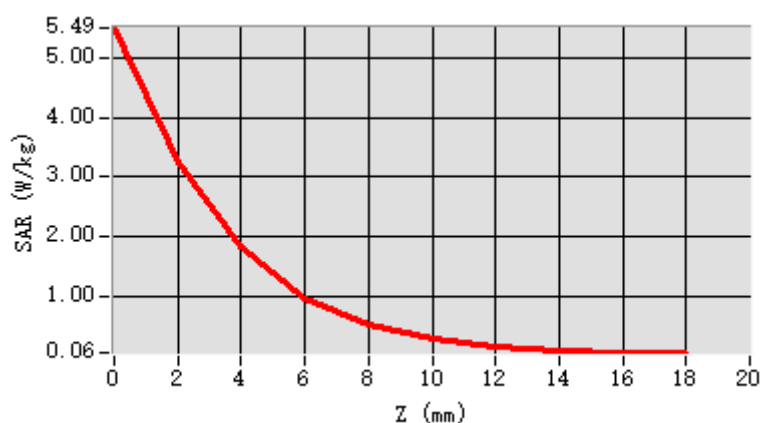
Maximum location: X=1.00, Y=-2.00

SAR Peak: 5.49 W/kg

SAR 10g (W/Kg)	0.602647
SAR 1g (W/Kg)	1.787926



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 07/02/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

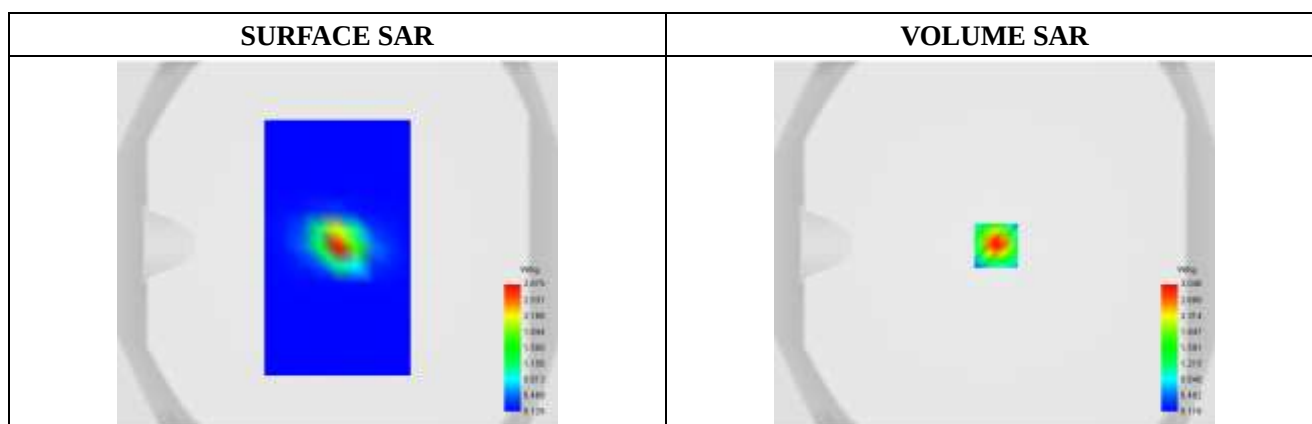
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	35.75
Conductivity (S/m)	5.30
Variation (%)	-0.11

Maximum location: X=1.00, Y=-1.00

SAR Peak: 5.22 W/kg

SAR 10g (W/Kg)	0.596127
SAR 1g (W/Kg)	1.668331



Z Axis Scan

