



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 06/11/2025

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)

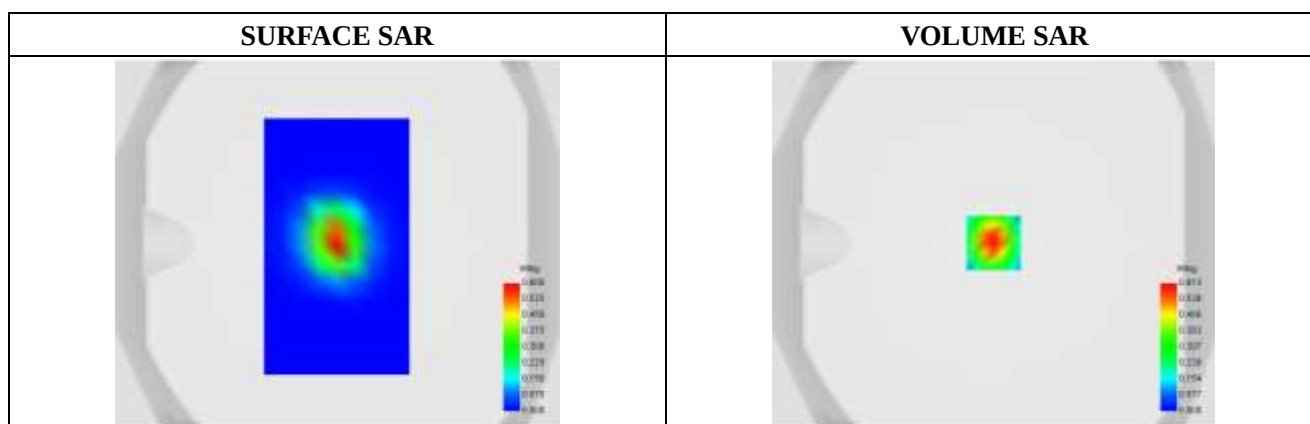
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.83
Variation (%)	-0.18

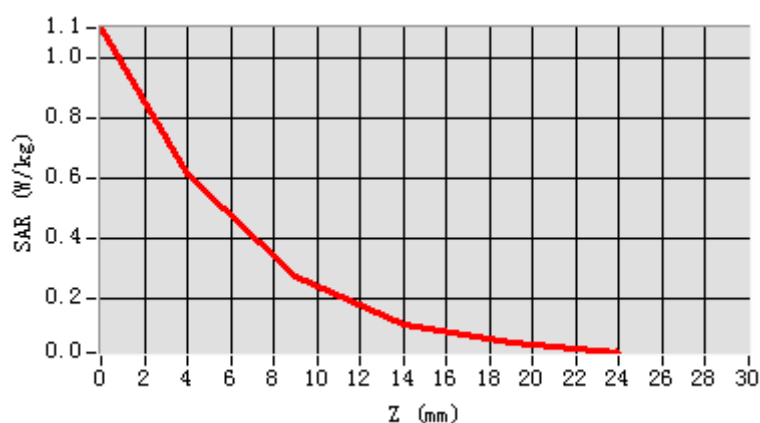
Maximum location: X=0.00, Y=0.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.254068
SAR 1g (W/Kg)	0.562184



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 06/03/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
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)

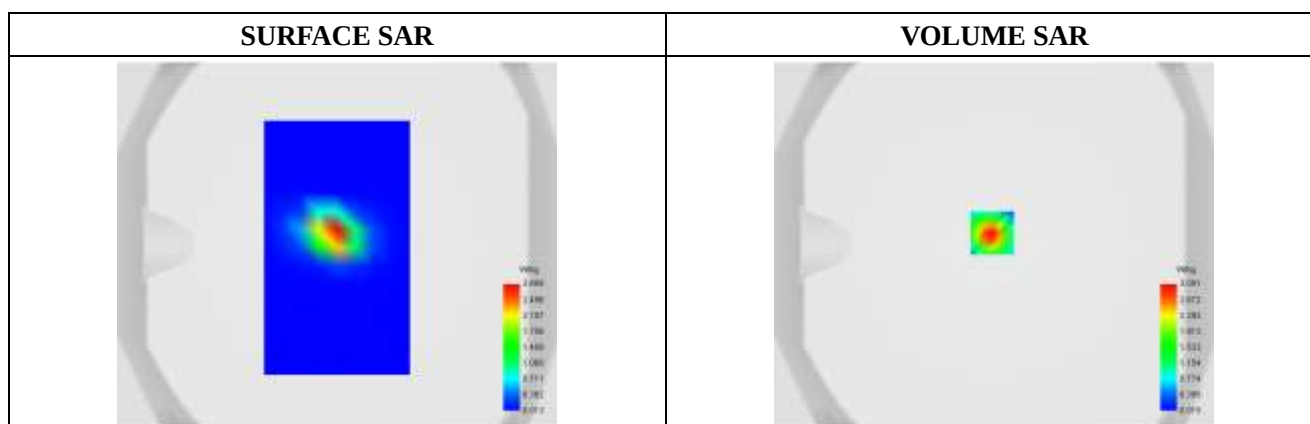
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.37
Conductivity (S/m)	4.70
Variation (%)	-0.52

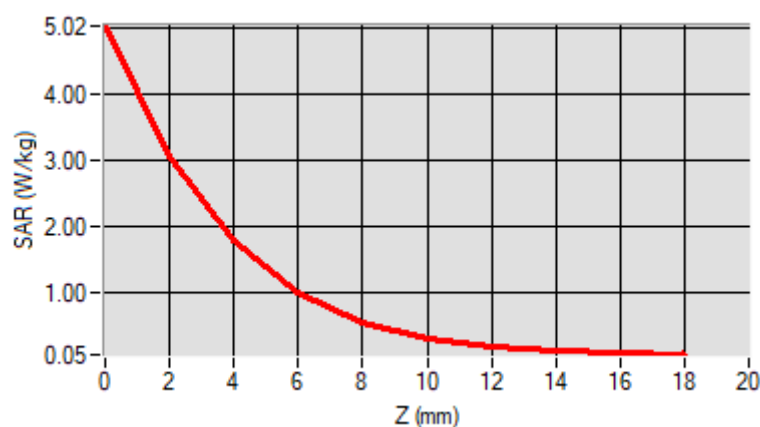
Maximum location: X=-1.00, Y=6.00

SAR Peak: 5.02 W/kg

SAR 10g (W/Kg)	0.559056
SAR 1g (W/Kg)	1.669198



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 06/03/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
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)

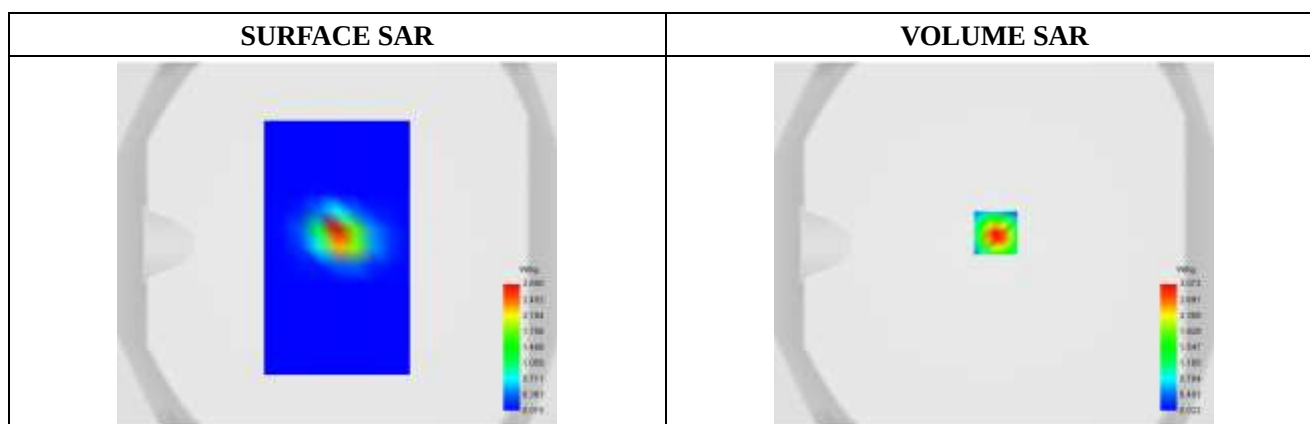
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	36.01
Conductivity (S/m)	4.87
Variation (%)	0.16

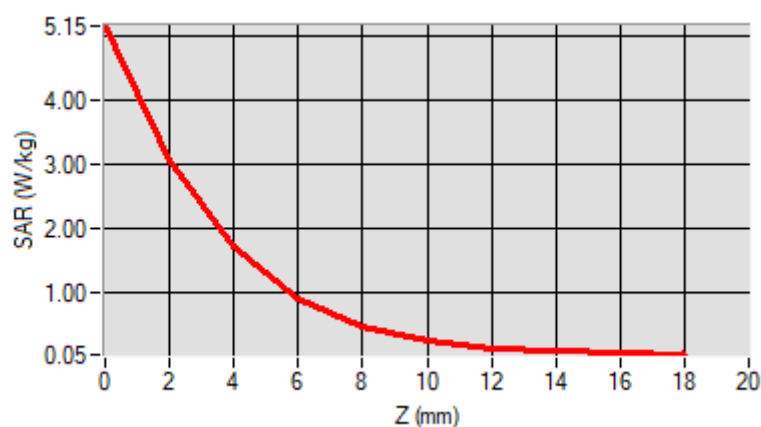
Maximum location: X=1.00, Y=6.00

SAR Peak: 5.15 W/kg

SAR 10g (W/Kg)	0.571178
SAR 1g (W/Kg)	1.675137



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 06/04/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
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)

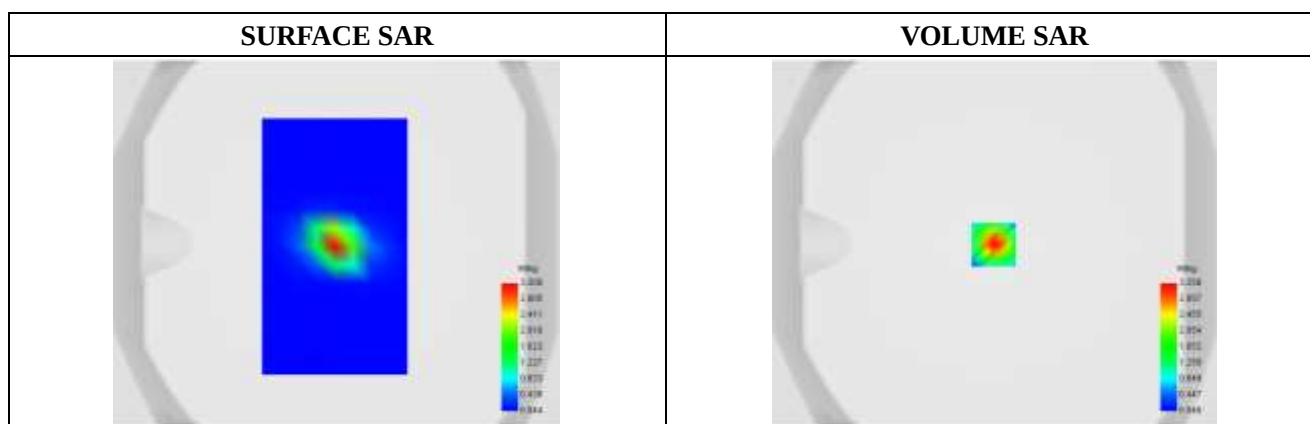
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.43
Conductivity (S/m)	5.01
Variation (%)	0.94

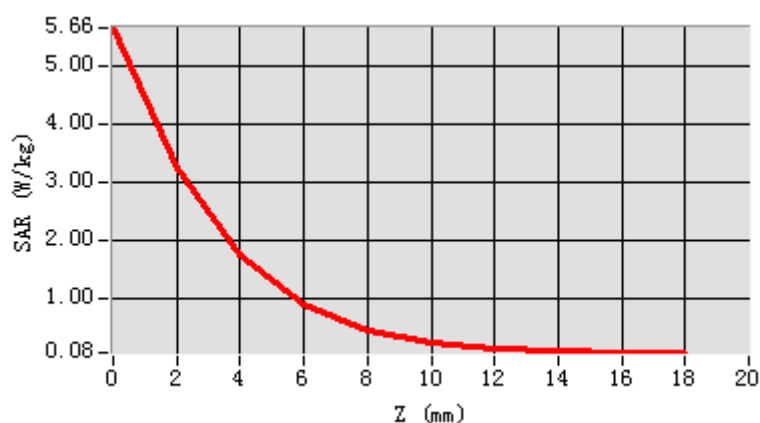
Maximum location: X=0.00, Y=-1.00

SAR Peak: 5.66 W/kg

SAR 10g (W/Kg)	0.561913
SAR 1g (W/Kg)	1.776310



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 06/04/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
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)

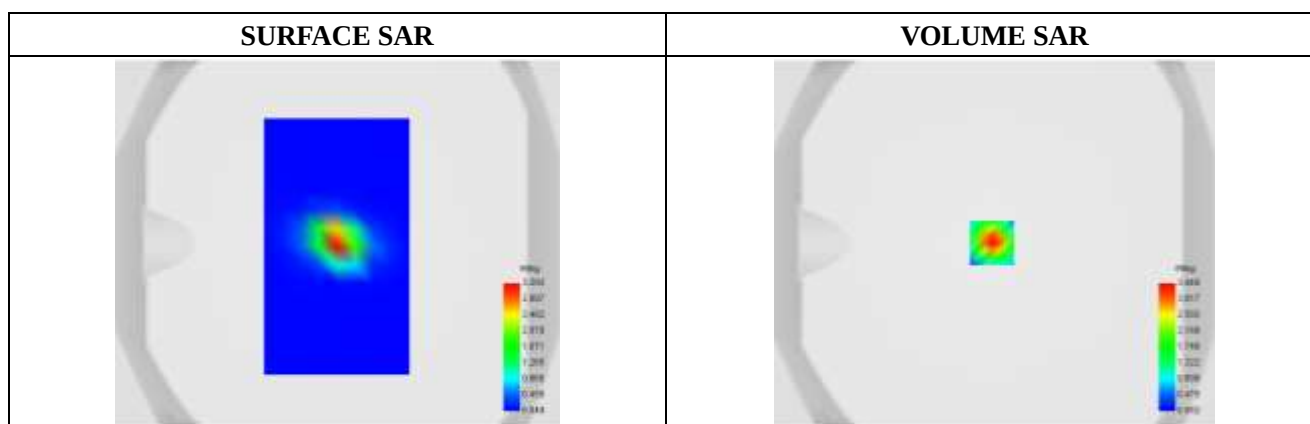
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	35.12
Conductivity (S/m)	5.21
Variation (%)	-0.14

Maximum location: X=0.00, Y=0.00

SAR Peak: 5.99 W/kg

SAR 10g (W/Kg)	0.605188
SAR 1g (W/Kg)	1.858896



Z Axis Scan

