

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 04/09/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

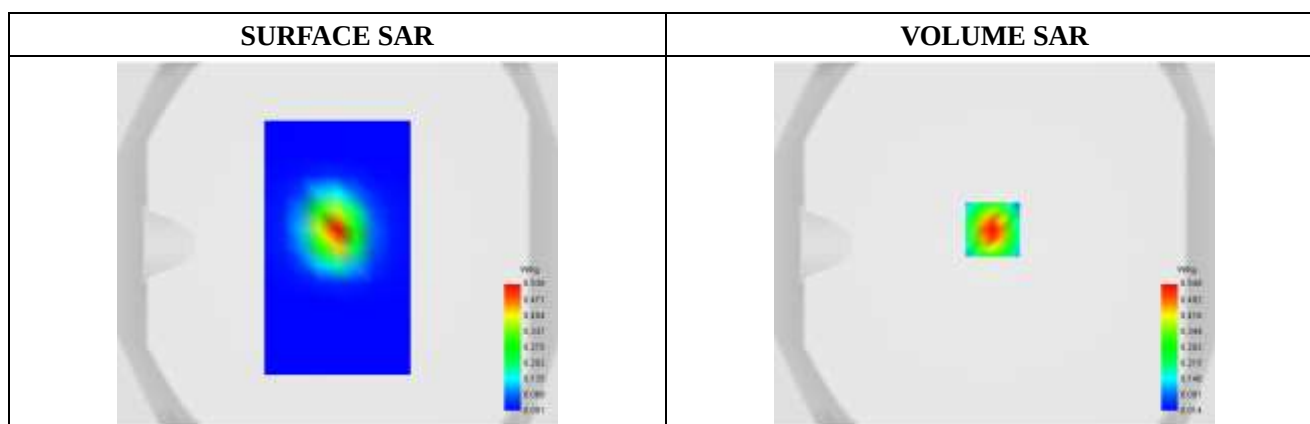
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.75
Conductivity (S/m)	1.82
Variation (%)	0.10

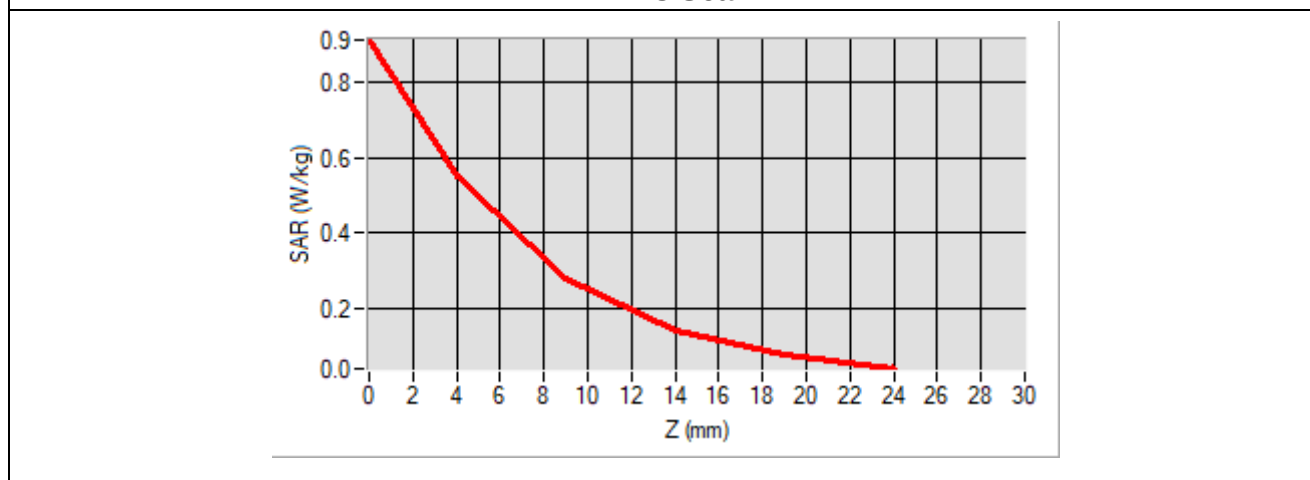
Maximum location: X=-1.00, Y=8.00

SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.238812
SAR 1g (W/Kg)	0.491007



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 04/10/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

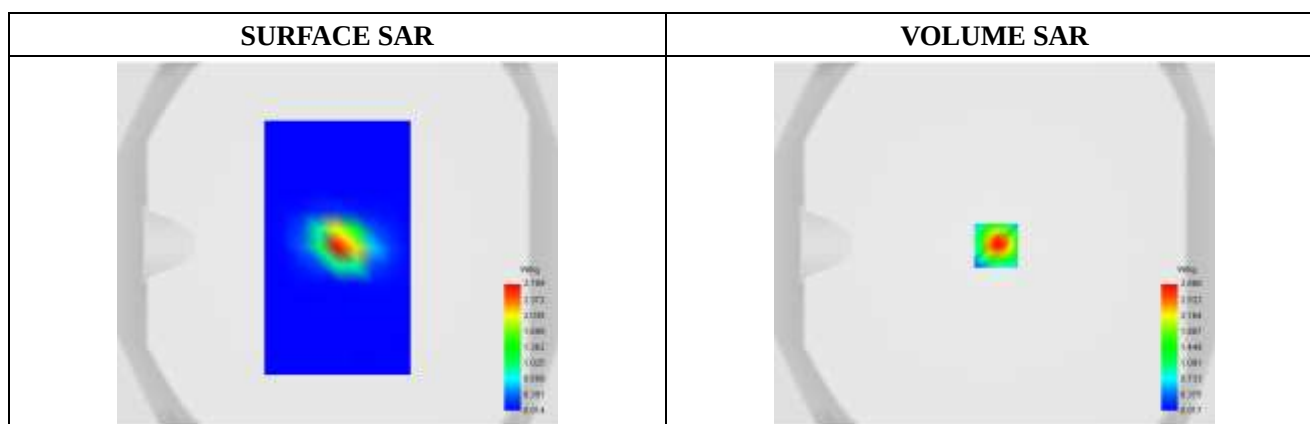
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	35.17
Conductivity (S/m)	4.61
Variation (%)	-0.15

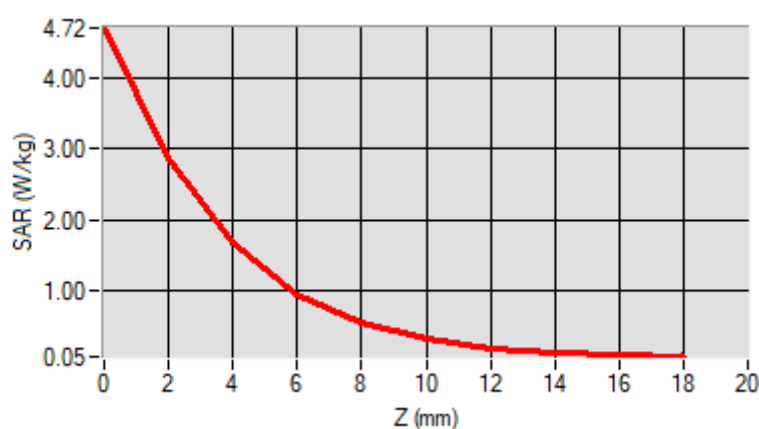
Maximum location: X=1.00, Y=-1.00

SAR Peak: 4.72 W/kg

SAR 10g (W/Kg)	0.545088
SAR 1g (W/Kg)	1.609193



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 04/10/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

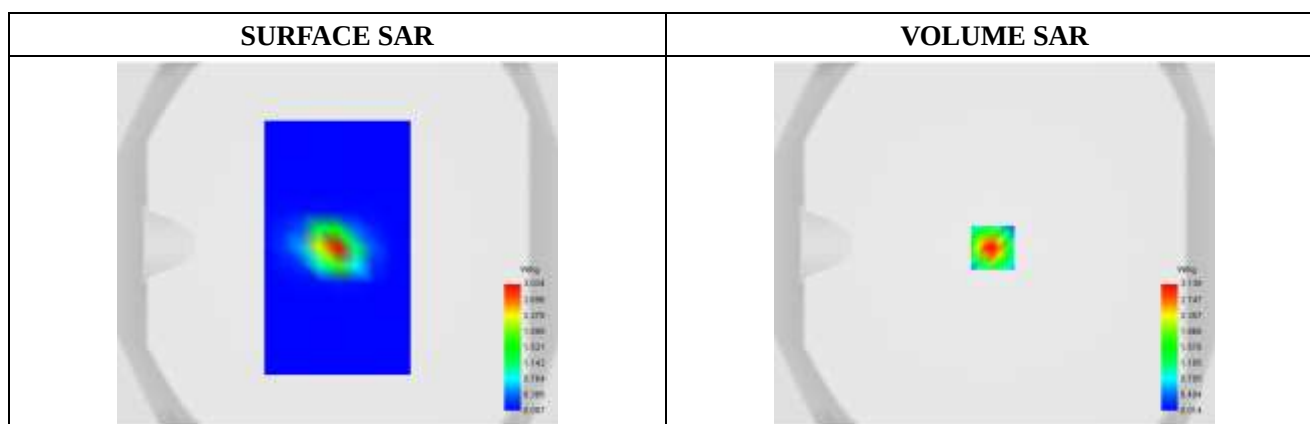
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	34.80
Conductivity (S/m)	4.84
Variation (%)	-0.49

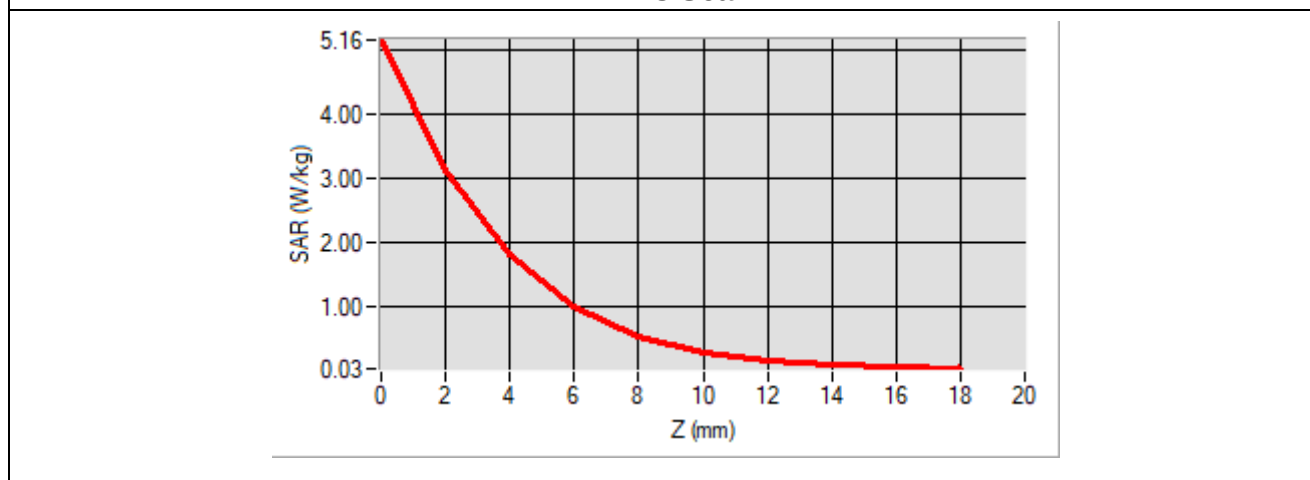
Maximum location: X=-1.00, Y=-2.00

SAR Peak: 5.16 W/kg

SAR 10g (W/Kg)	0.583584
SAR 1g (W/Kg)	1.713624



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 04/11/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

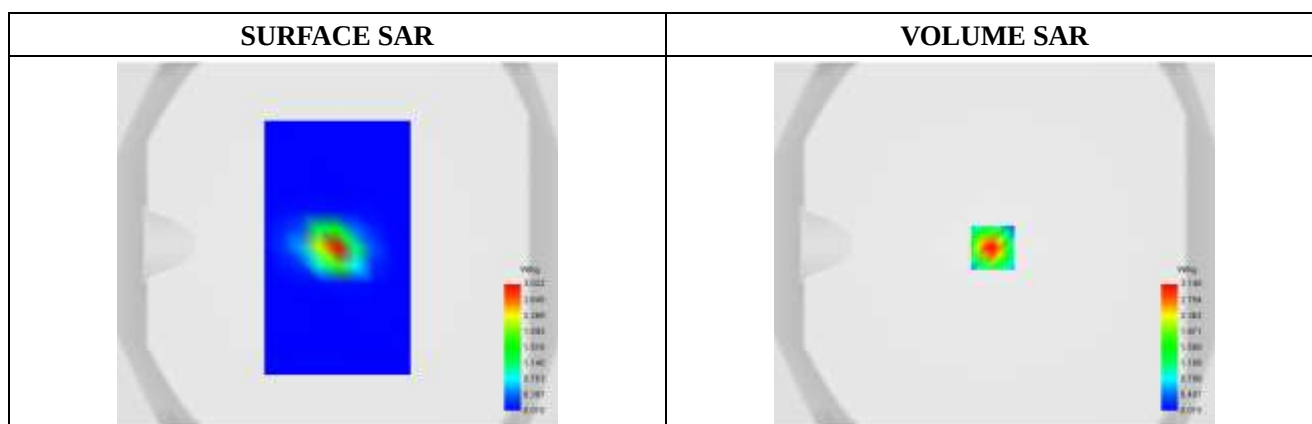
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.87
Conductivity (S/m)	5.09
Variation (%)	1.04

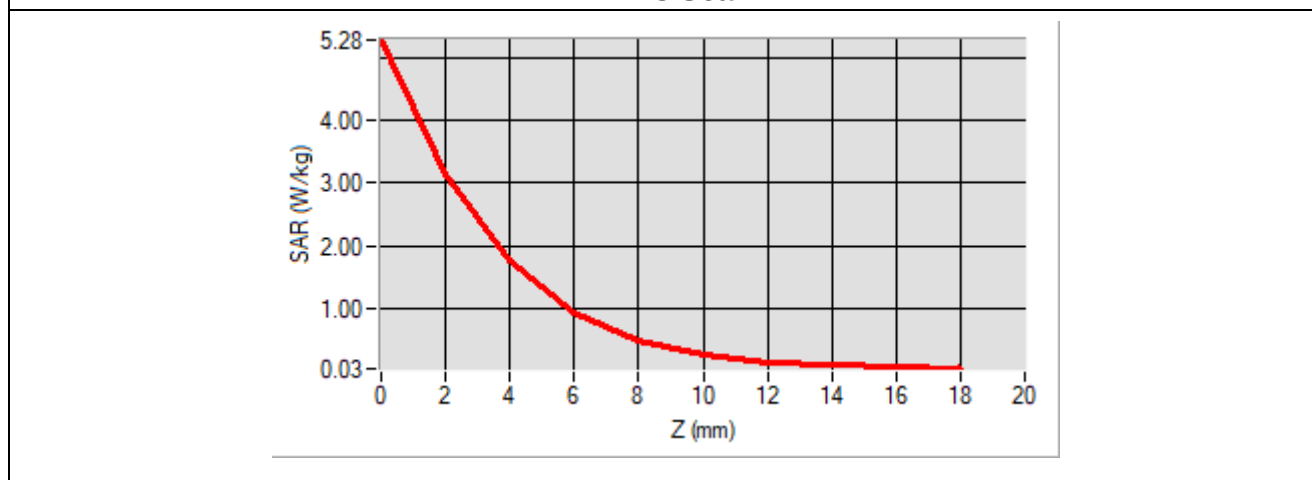
Maximum location: X=-2.00, Y=-2.00

SAR Peak: 5.28 W/kg

SAR 10g (W/Kg)	0.570217
SAR 1g (W/Kg)	1.694704



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 04/11/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

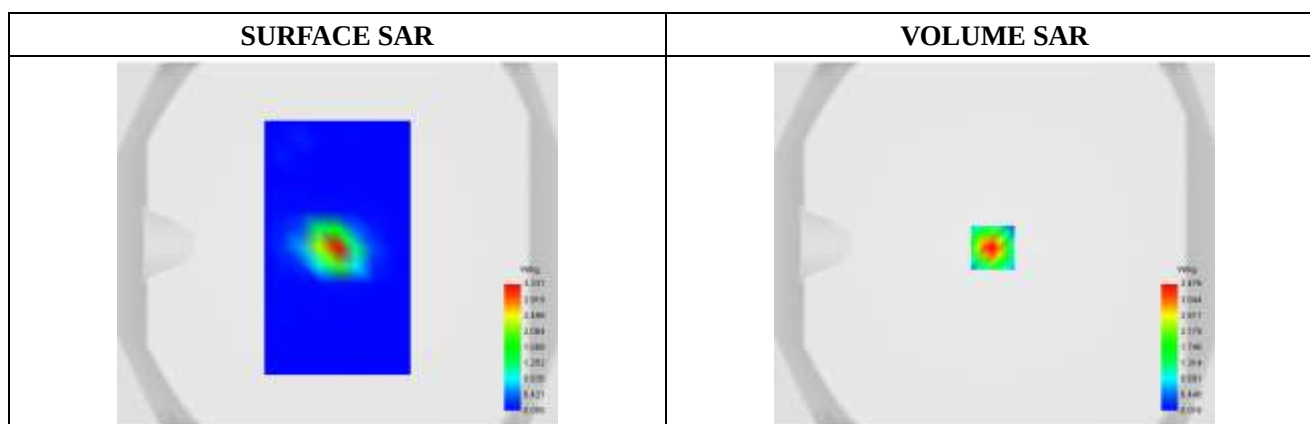
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	34.45
Conductivity (S/m)	5.37
Variation (%)	-0.99

Maximum location: X=-1.00, Y=-2.00

SAR Peak: 5.98 W/kg

SAR 10g (W/Kg)	0.584408
SAR 1g (W/Kg)	1.842705



Z Axis Scan

