

System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 01/06/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

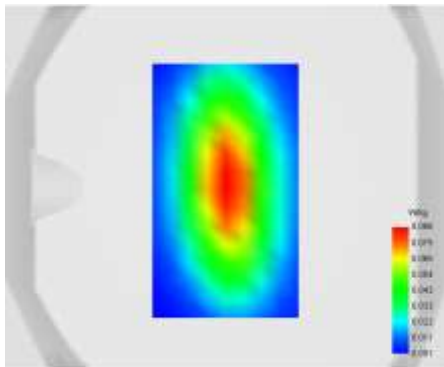
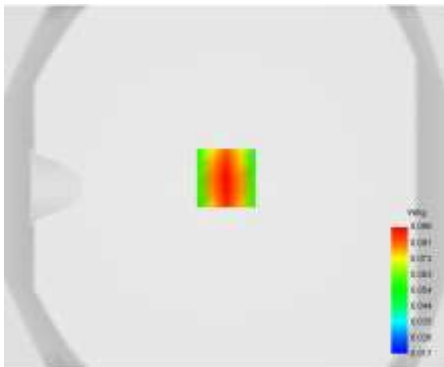
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	42.89
Conductivity (S/m)	0.91
Variation (%)	0.05

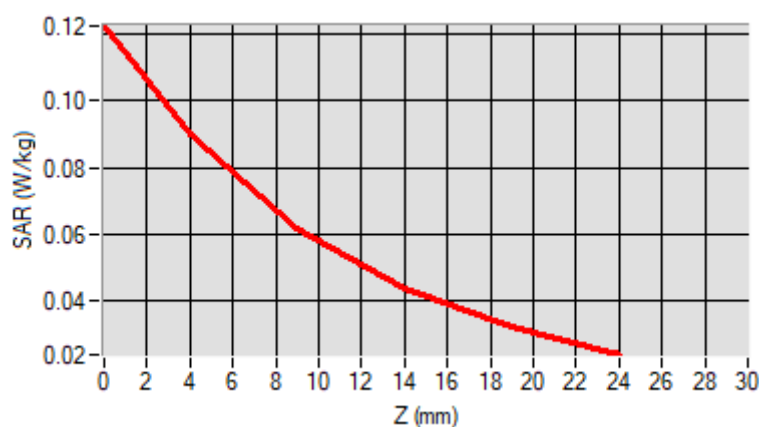
Maximum location: X=1.00, Y=5.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.057369
SAR 1g (W/Kg)	0.086116

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 12/26/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

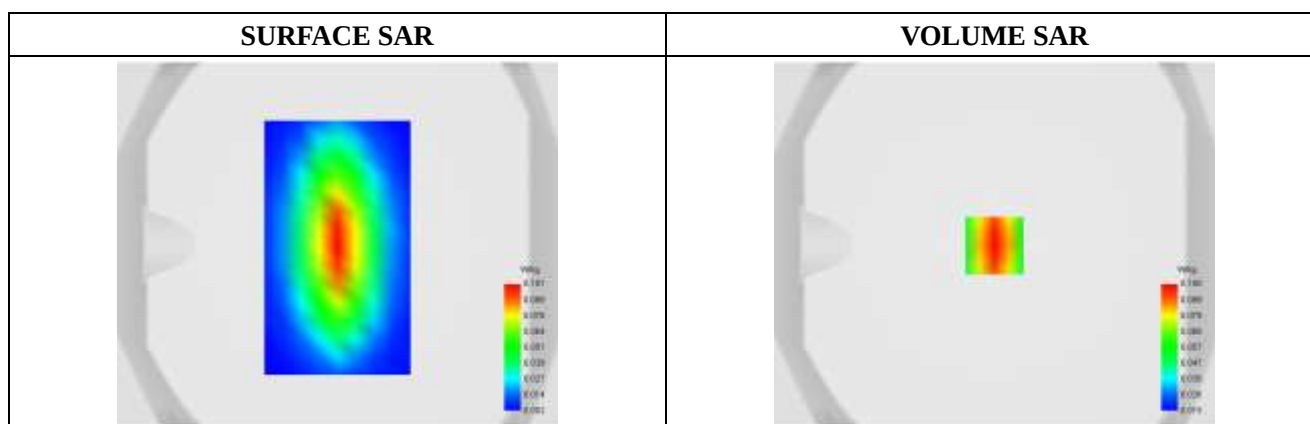
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	42.71
Conductivity (S/m)	0.87
Variation (%)	-0.96

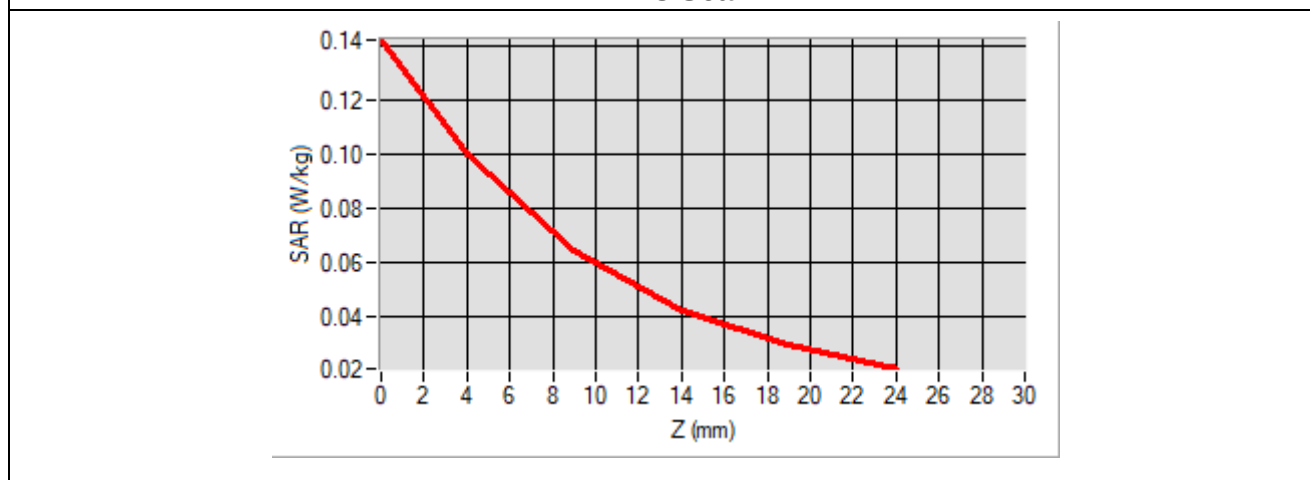
Maximum location: X=0.00, Y=-1.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.059244
SAR 1g (W/Kg)	0.095607



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 12/29/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

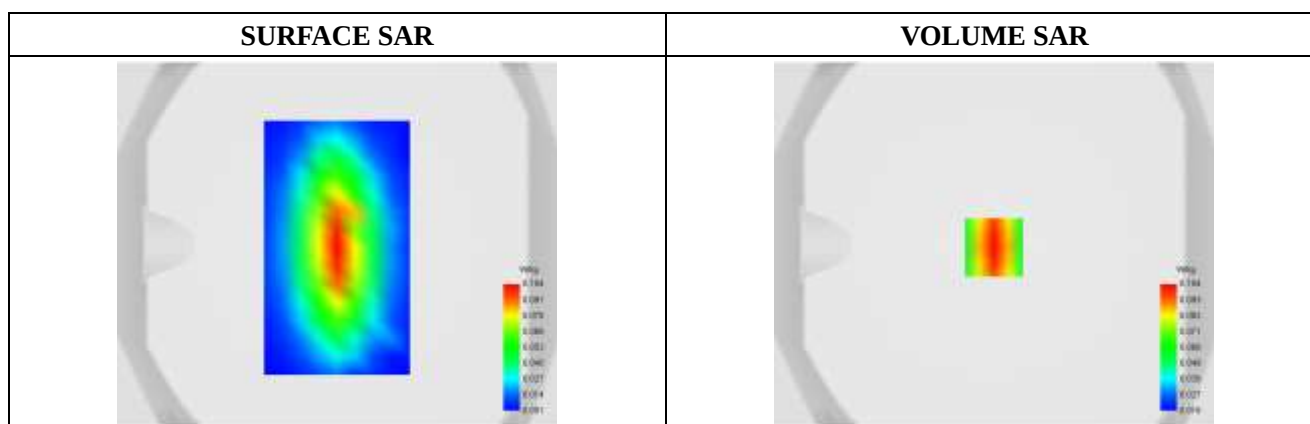
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.68
Conductivity (S/m)	0.91
Variation (%)	0.06

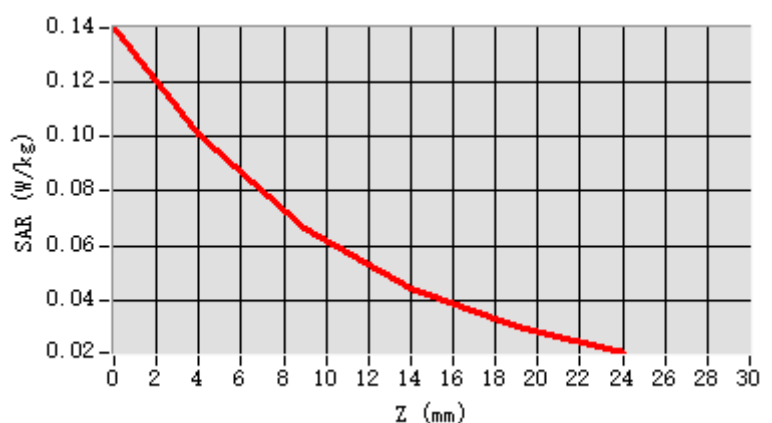
Maximum location: X=0.00, Y=-2.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.061690
SAR 1g (W/Kg)	0.098351



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 12/30/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

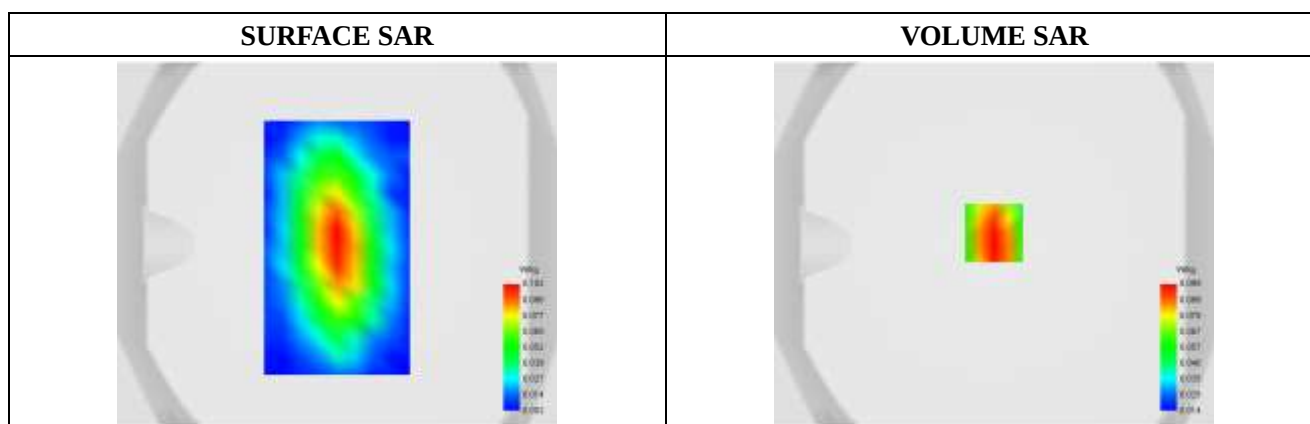
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.45
Conductivity (S/m)	0.93
Variation (%)	0.20

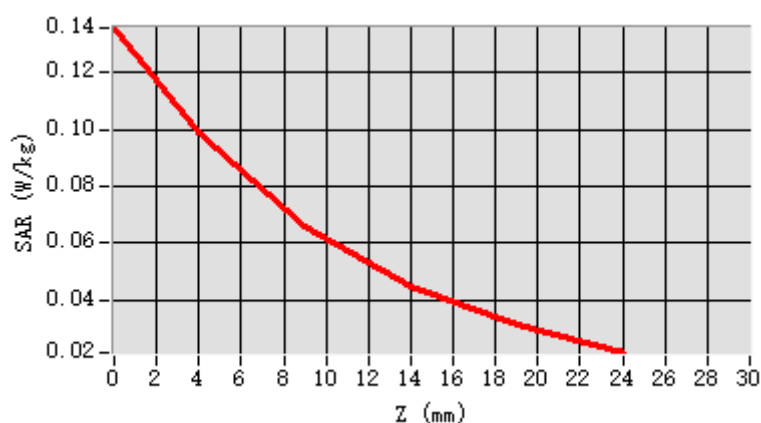
Maximum location: X=0.00, Y=6.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.061086
SAR 1g (W/Kg)	0.094612



Z Axis Scan





System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 12/27/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

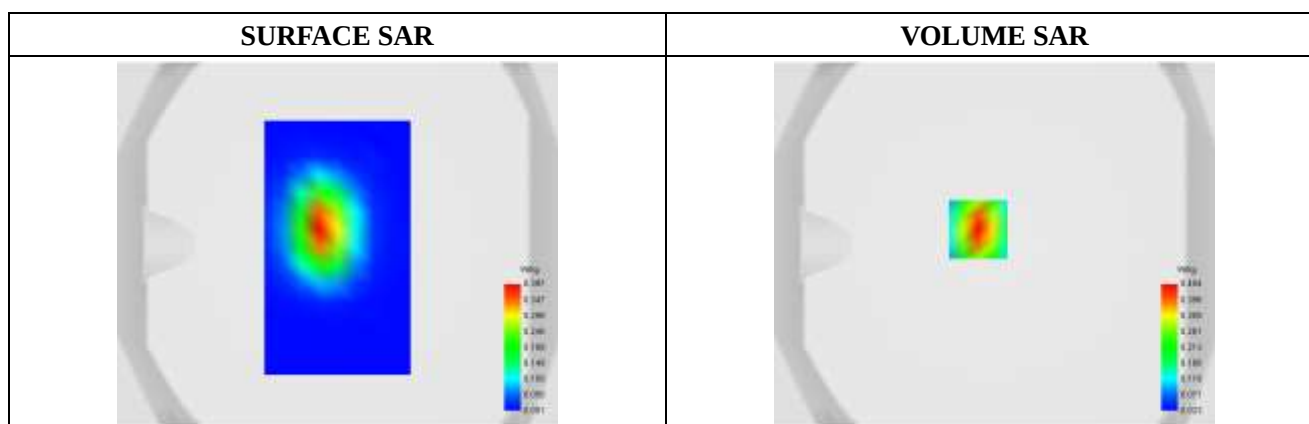
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	41.27
Conductivity (S/m)	1.39
Variation (%)	-0.28

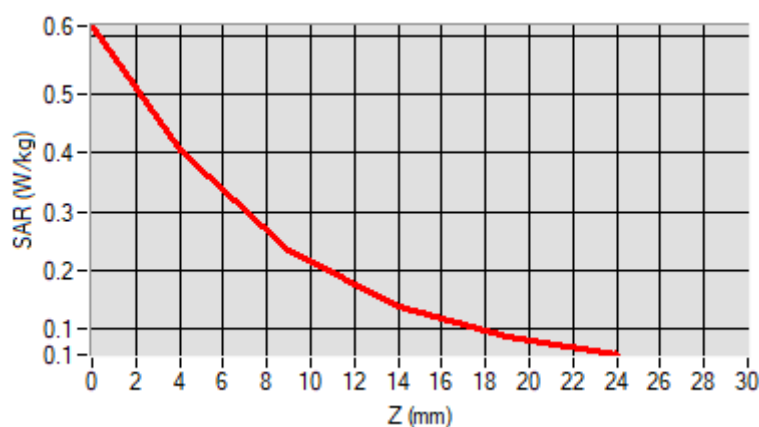
Maximum location: X=-9.00, Y=8.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.203019
SAR 1g (W/Kg)	0.372855



Z Axis Scan





System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 12/28/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

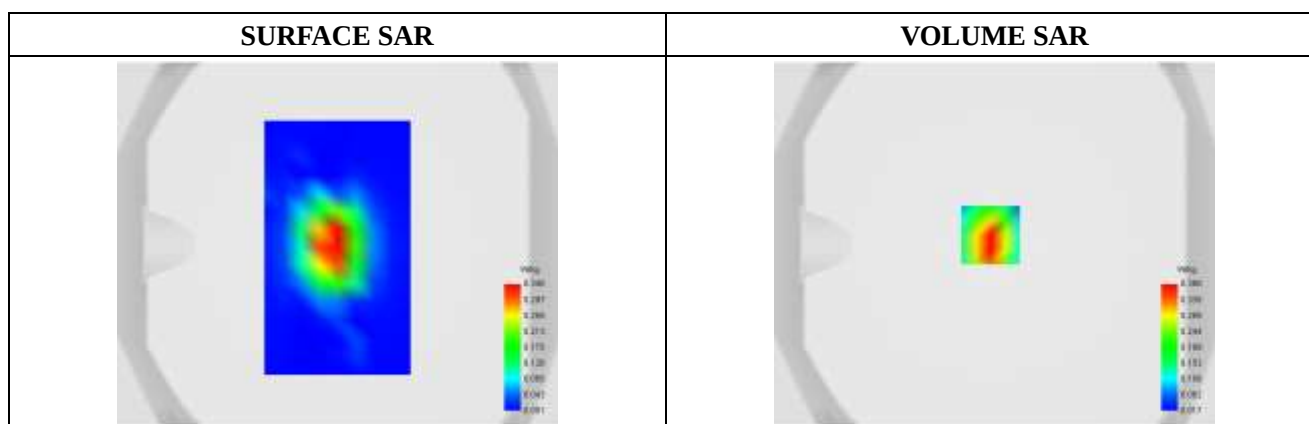
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.71
Conductivity (S/m)	1.38
Variation (%)	0.95

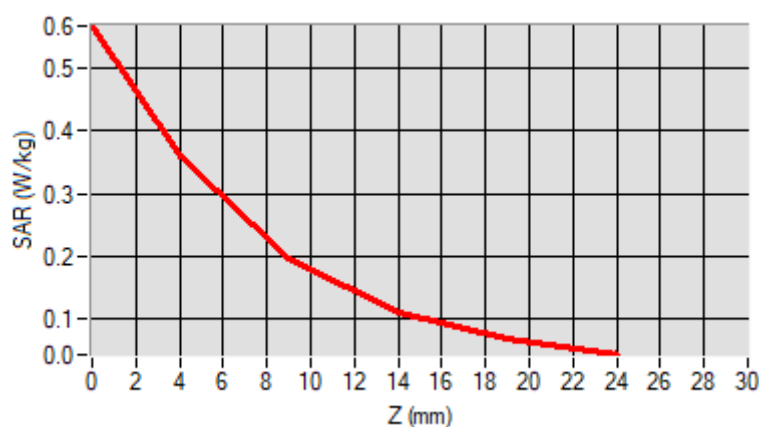
Maximum location: X=-2.00, Y=5.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.195723
SAR 1g (W/Kg)	0.368541



Z Axis Scan





System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 12/22/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

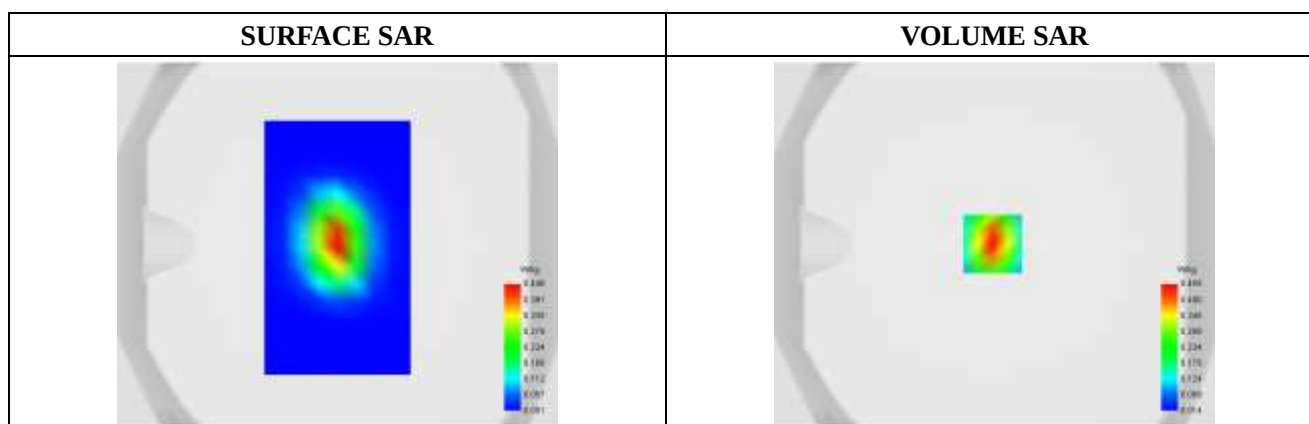
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.68
Conductivity (S/m)	1.42
Variation (%)	-0.57

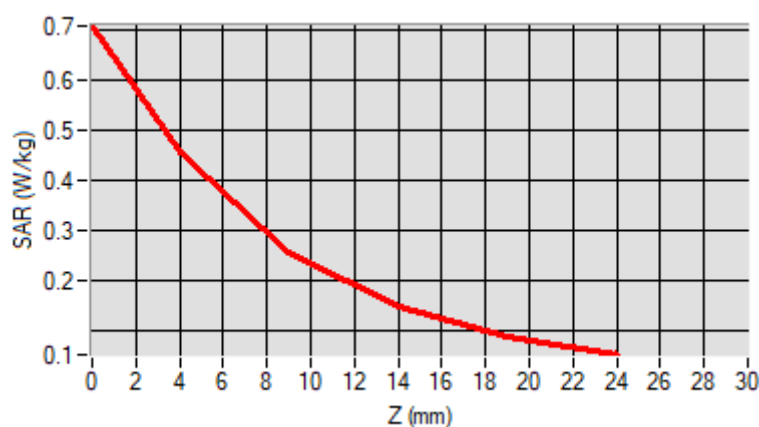
Maximum location: X=-1.00, Y=0.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.220824
SAR 1g (W/Kg)	0.419350



Z Axis Scan





System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 12/23/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

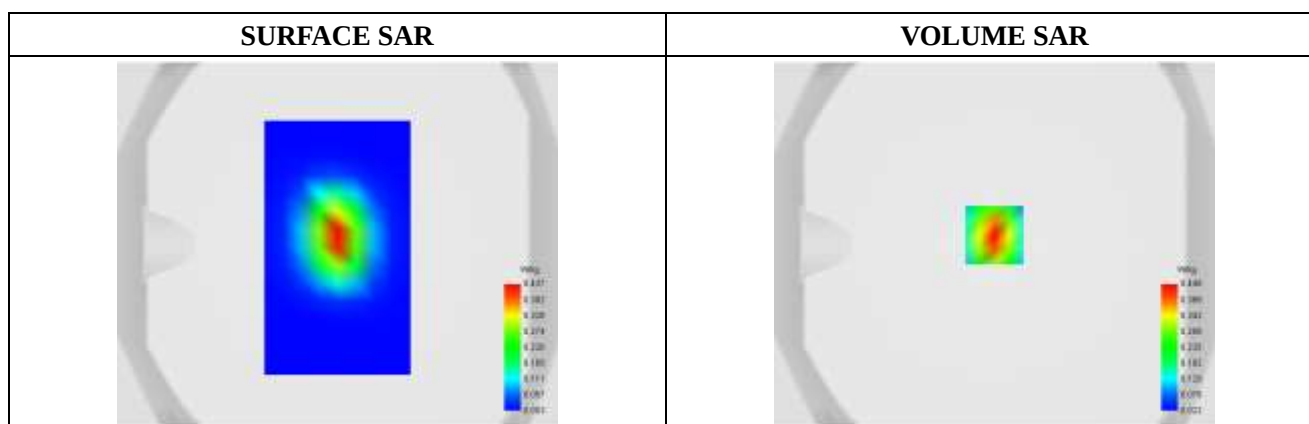
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	41.09
Conductivity (S/m)	1.40
Variation (%)	0.15

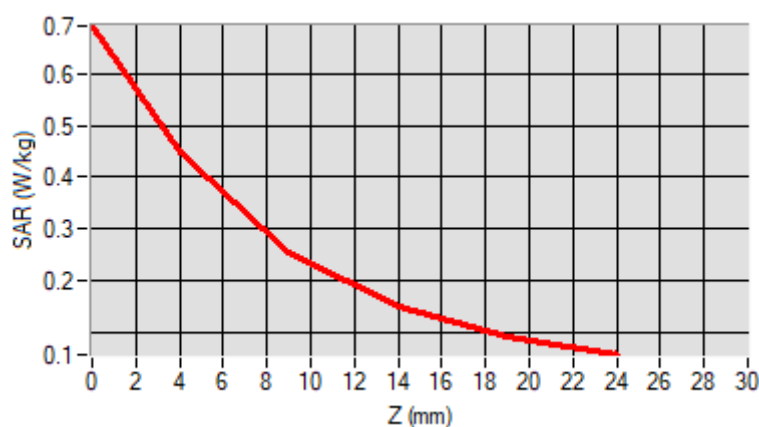
Maximum location: X=0.00, Y=6.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.218607
SAR 1g (W/Kg)	0.413558



Z Axis Scan





System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 12/17/2024

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)

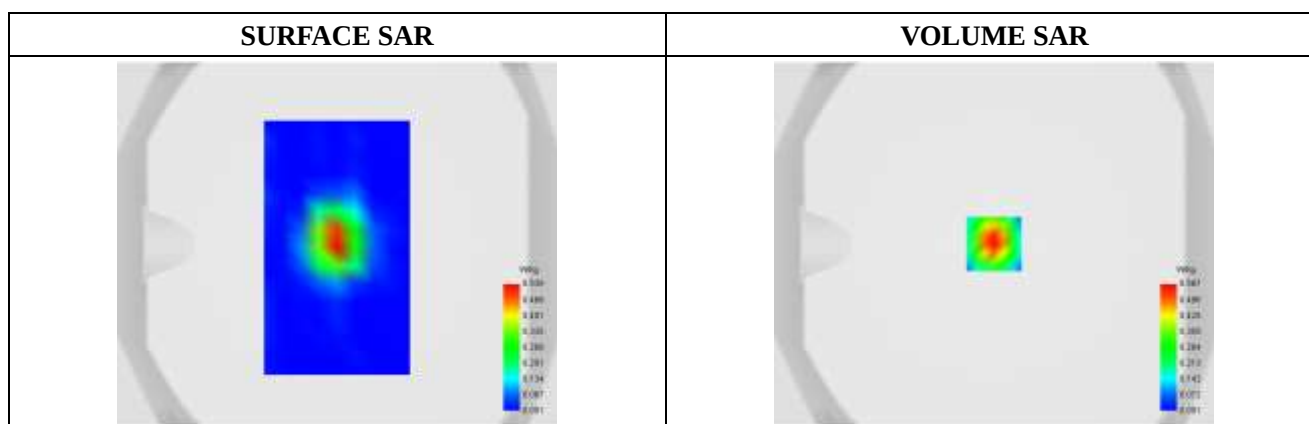
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	39.02
Conductivity (S/m)	1.77
Variation (%)	0.15

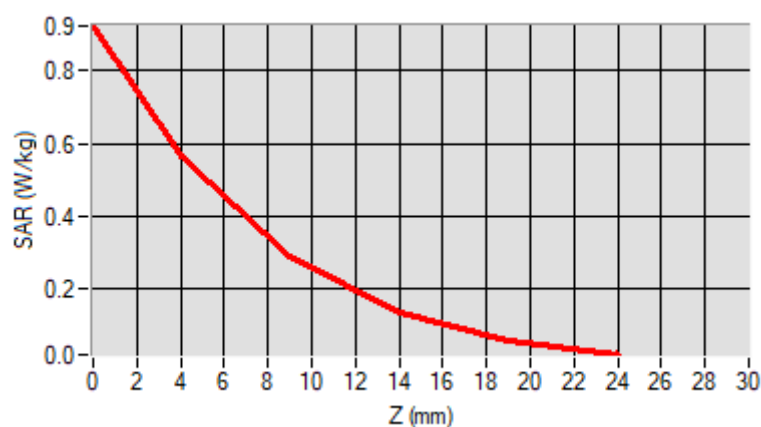
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.239574
SAR 1g (W/Kg)	0.509417



Z Axis Scan





System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 01/13/2025

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)

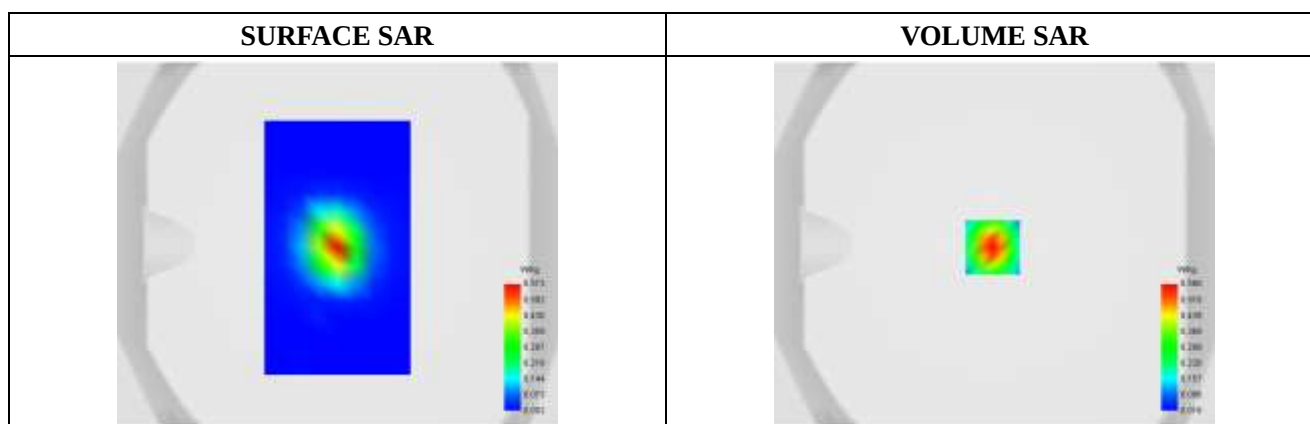
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	39.65
Conductivity (S/m)	1.82
Variation (%)	-0.41

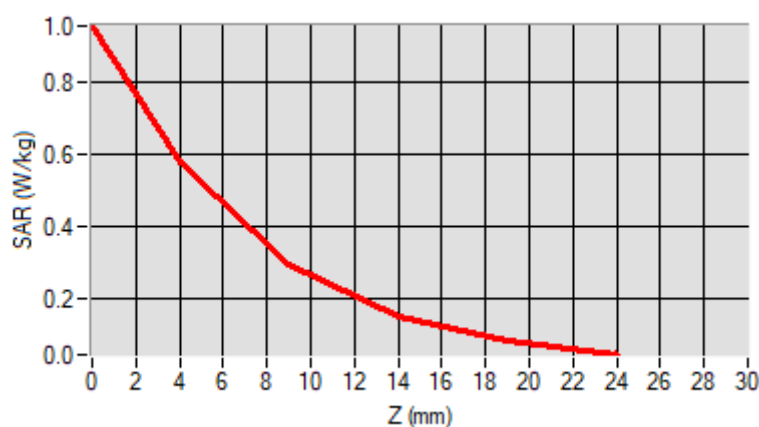
Maximum location: X=-1.00, Y=-2.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.252339
SAR 1g (W/Kg)	0.525029



Z Axis Scan





System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 12/31/2024

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	2600MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

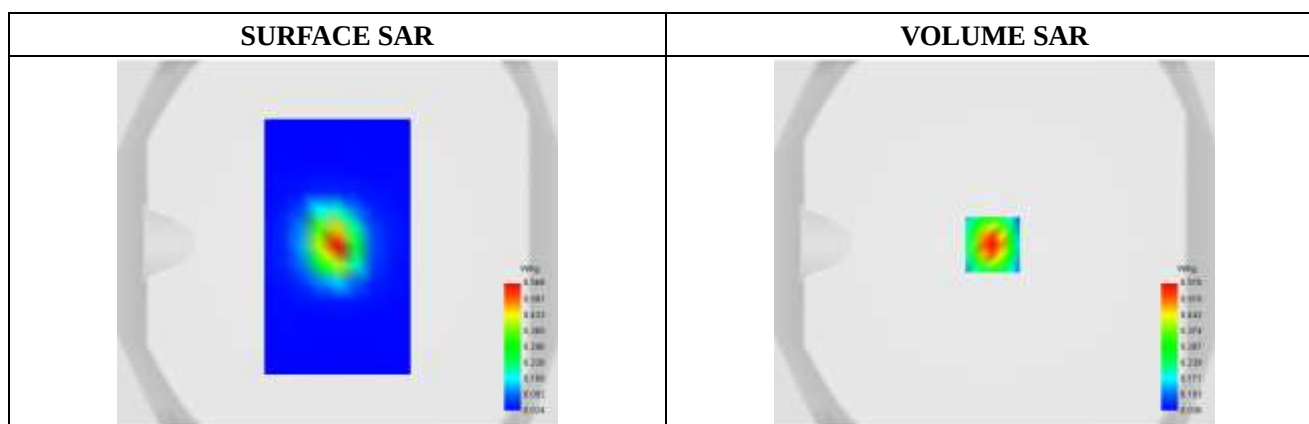
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.61
Conductivity (S/m)	1.97
Variation (%)	-0.59

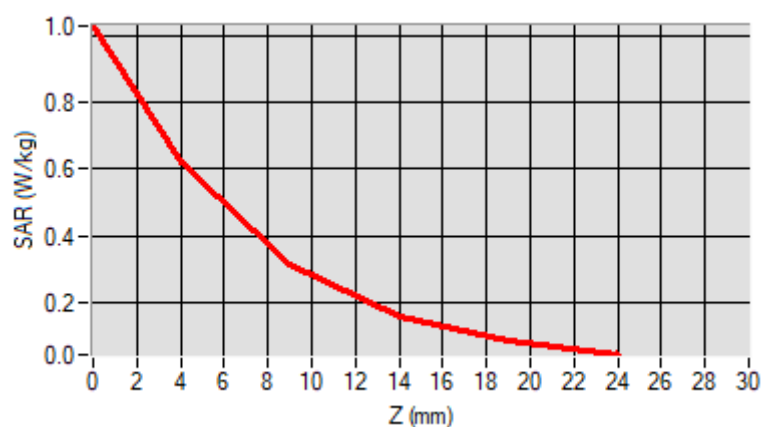
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.03 W/kg

SAR 10g (W/Kg)	0.262652
SAR 1g (W/Kg)	0.561253



Z Axis Scan





System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 01/04/2025

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	2600MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

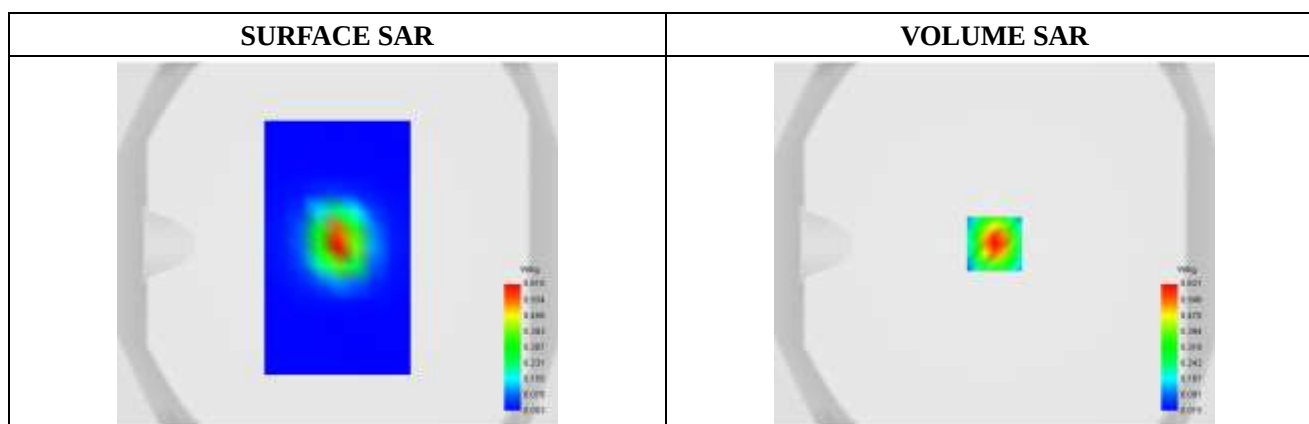
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	39.84
Conductivity (S/m)	1.98
Variation (%)	-0.10

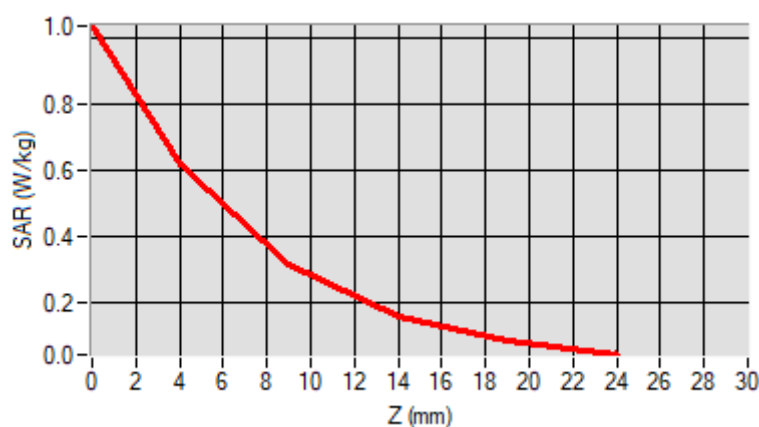
Maximum location: X=0.00, Y=0.00

SAR Peak: 1.04 W/kg

SAR 10g (W/Kg)	0.266475
SAR 1g (W/Kg)	0.567594



Z Axis Scan





System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 01/05/2025

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	2600MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

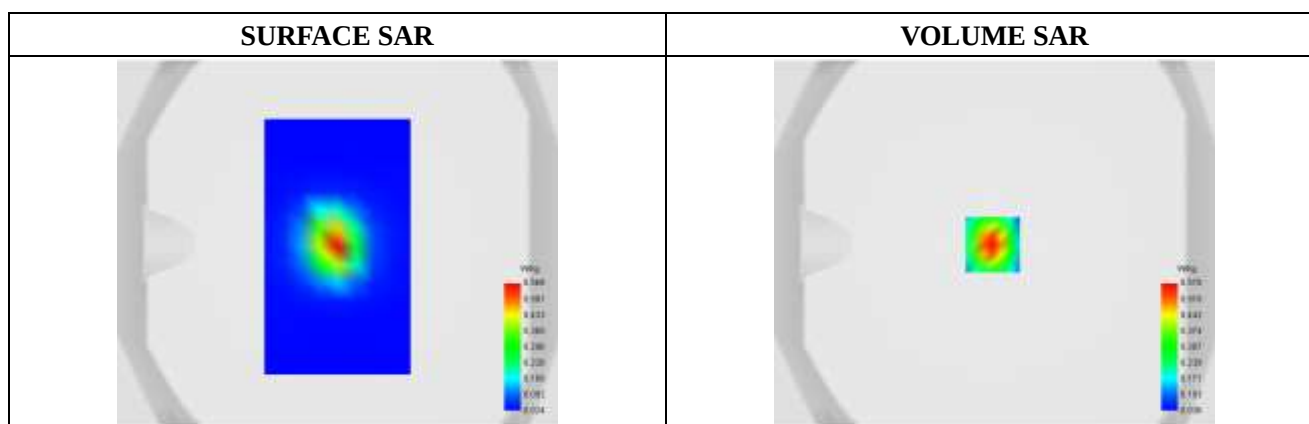
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	39.67
Conductivity (S/m)	1.95
Variation (%)	0.38

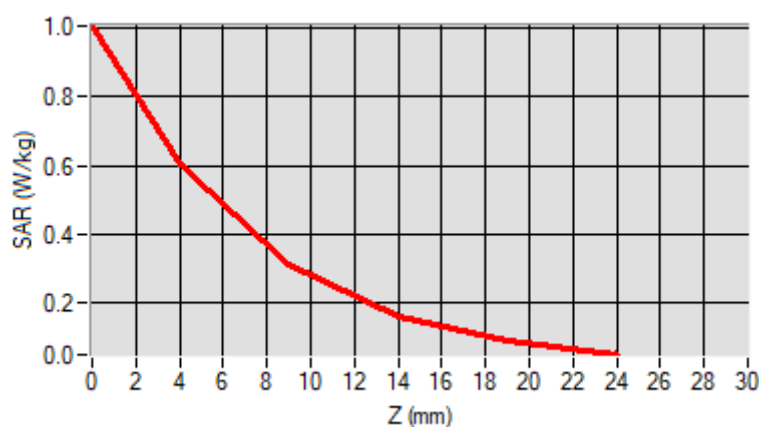
Maximum location: X=1.00, Y=-2.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.259693
SAR 1g (W/Kg)	0.542933



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 01/09/2025

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	3500MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

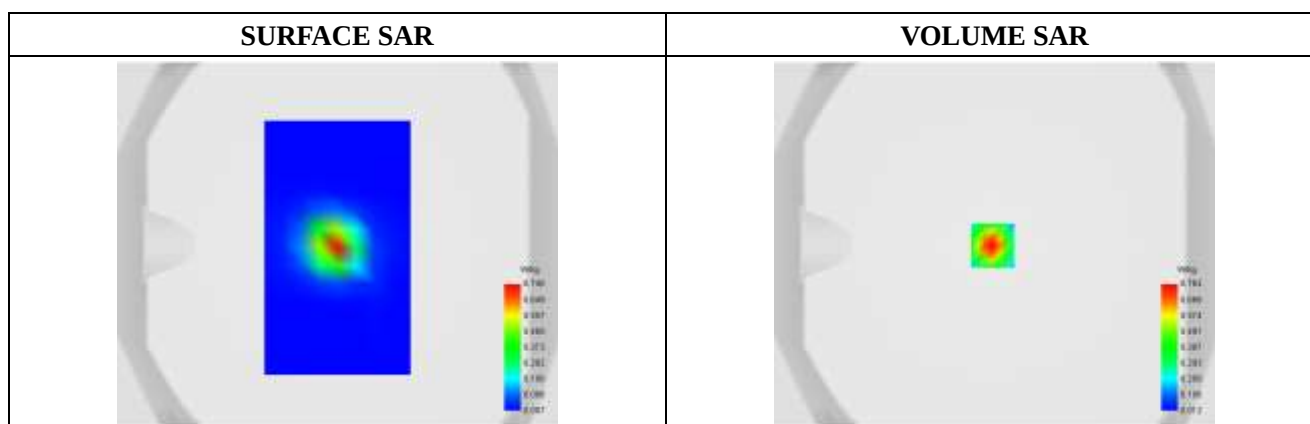
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.10
Conductivity (S/m)	2.96
Variation (%)	0.50

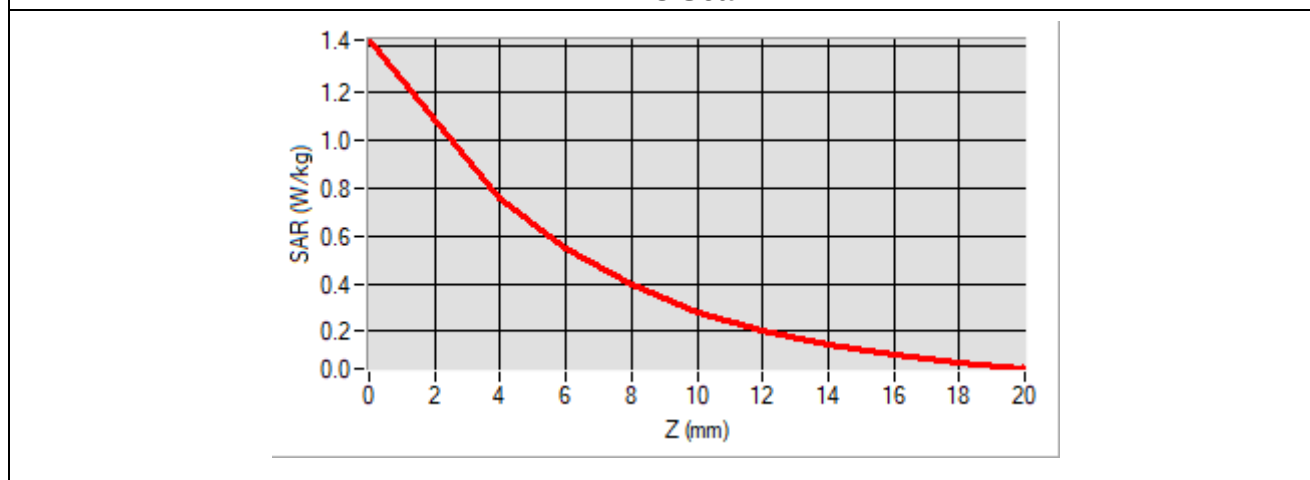
Maximum location: X=-1.00, Y=-1.00

SAR Peak: 1.42 W/kg

SAR 10g (W/Kg)	0.275680
SAR 1g (W/Kg)	0.680165



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 01/10/2025

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	3500MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

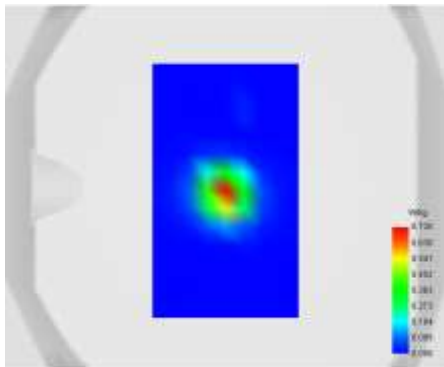
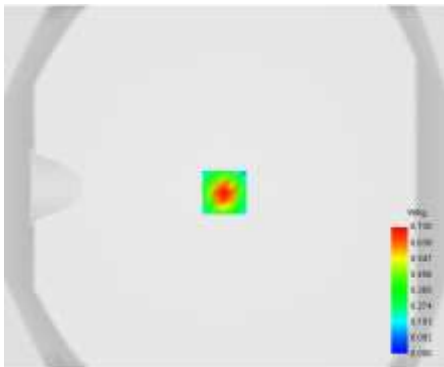
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.45
Conductivity (S/m)	3.02
Variation (%)	-0.17

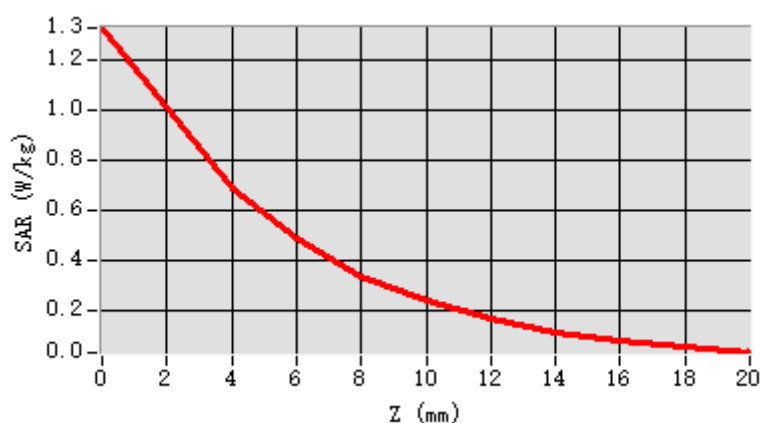
Maximum location: X=0.00, Y=-2.00

SAR Peak: 1.34 W/kg

SAR 10g (W/Kg)	0.254213
SAR 1g (W/Kg)	0.658298

SURFACE SAR	VOLUME SAR
	

Z Axis Scan





System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 12/19/2024

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)

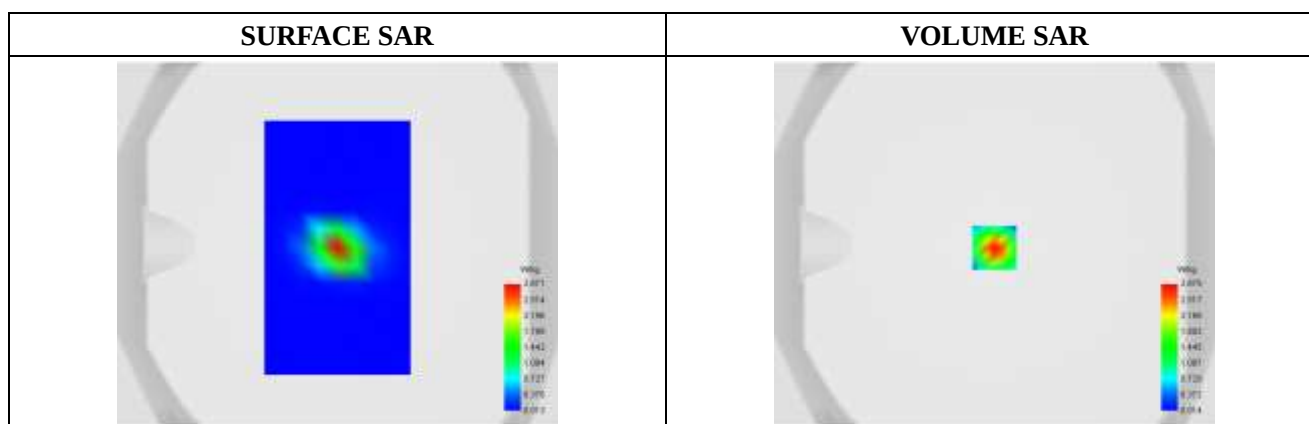
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.65
Variation (%)	0.26

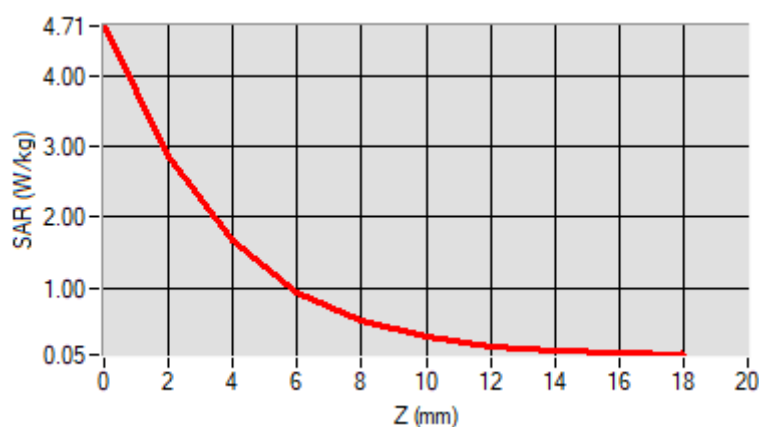
Maximum location: X=0.00, Y=-2.00

SAR Peak: 4.71 W/kg

SAR 10g (W/Kg)	0.543924
SAR 1g (W/Kg)	1.570860



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 01/12/2025

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)

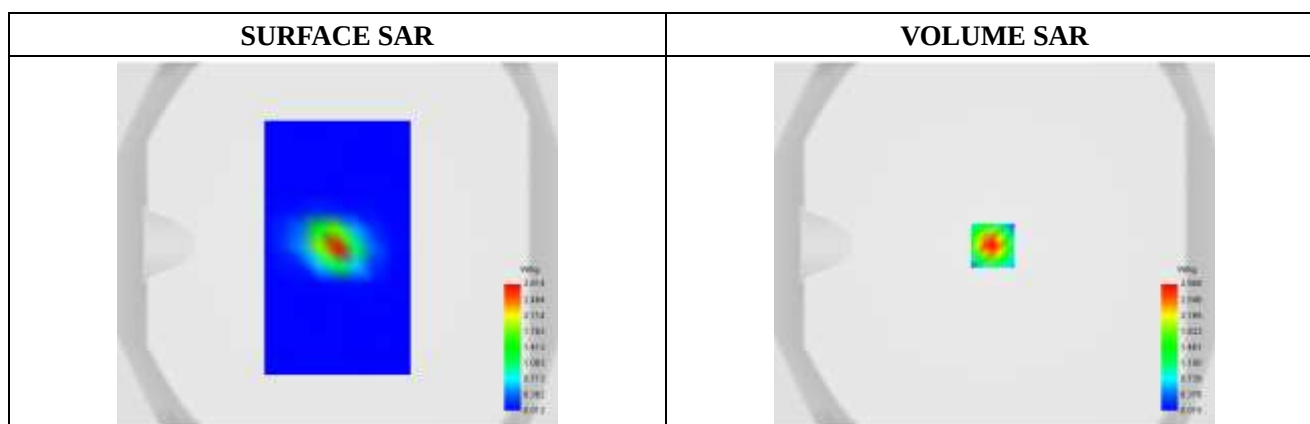
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.47
Conductivity (S/m)	4.71
Variation (%)	0.05

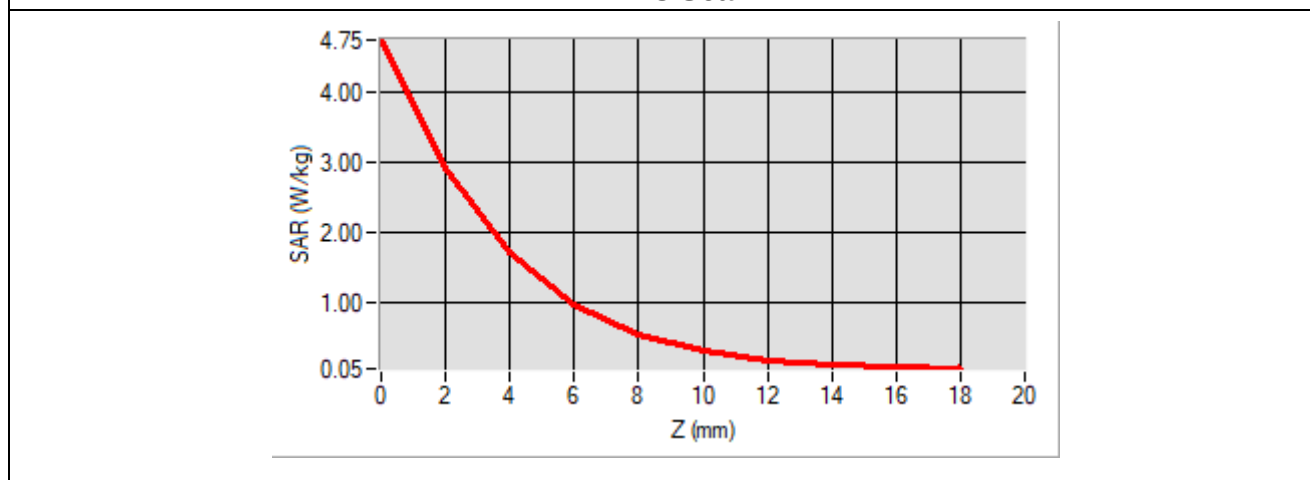
Maximum location: X=-1.00, Y=-1.00

SAR Peak: 4.75 W/kg

SAR 10g (W/Kg)	0.532335
SAR 1g (W/Kg)	1.609503



Z Axis Scan





System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 12/19/2024

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	5400MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

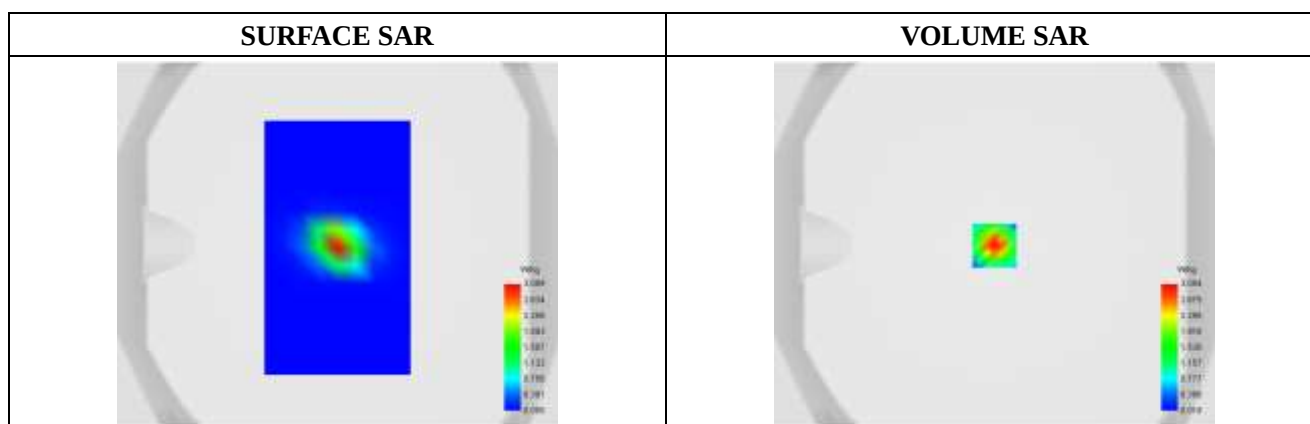
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	35.46
Conductivity (S/m)	4.91
Variation (%)	-0.30

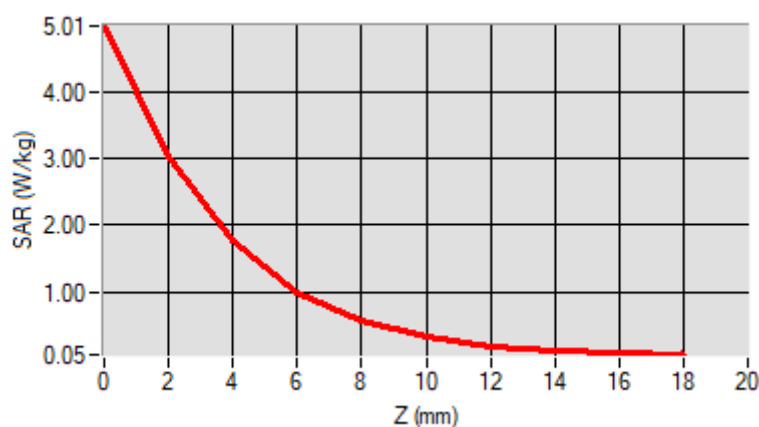
Maximum location: X=0.00, Y=-1.00

SAR Peak: 5.02 W/kg

SAR 10g (W/Kg)	0.562709
SAR 1g (W/Kg)	1.676405



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 01/12/2025

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	5400MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

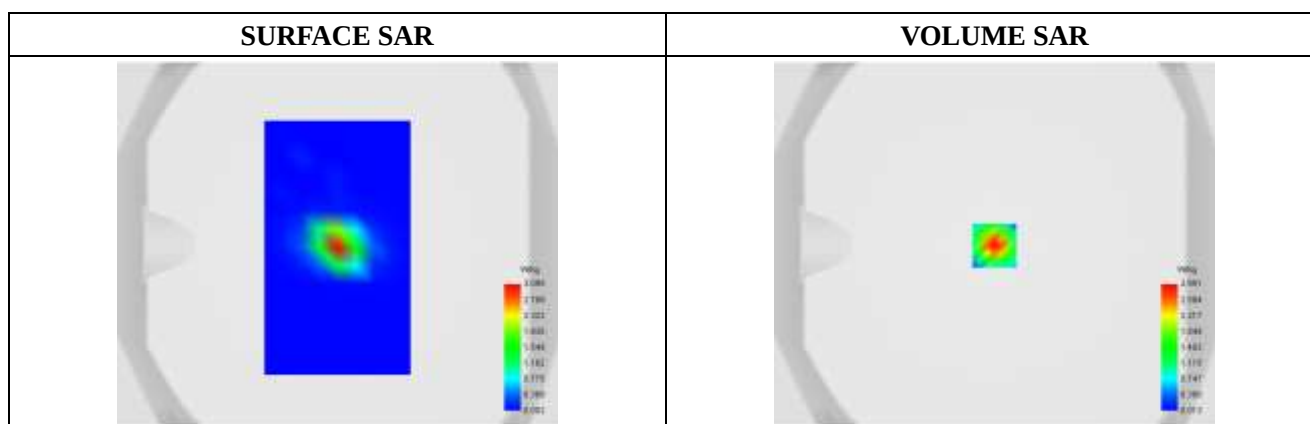
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	36.11
Conductivity (S/m)	5.04
Variation (%)	-0.37

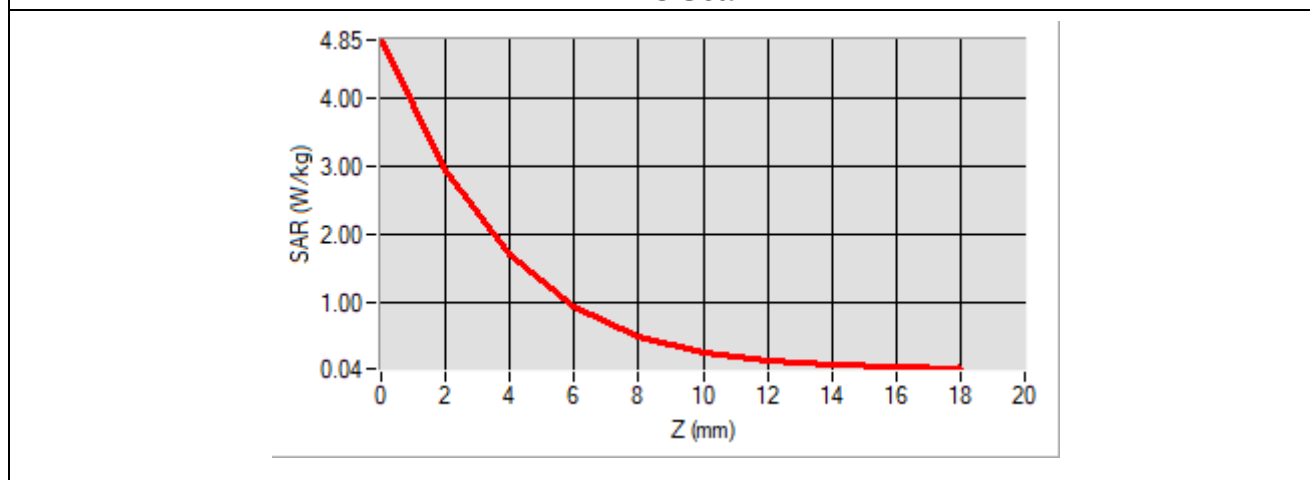
Maximum location: X=0.00, Y=-2.00

SAR Peak: 4.85 W/kg

SAR 10g (W/Kg)	0.554680
SAR 1g (W/Kg)	1.616828



Z Axis Scan





System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 12/21/2024

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)

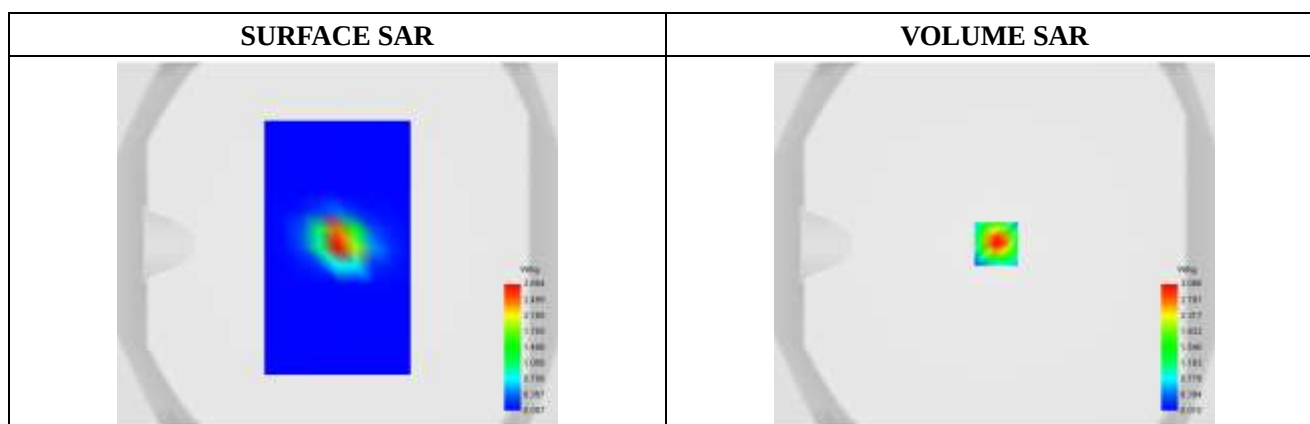
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.28
Conductivity (S/m)	4.97
Variation (%)	-0.41

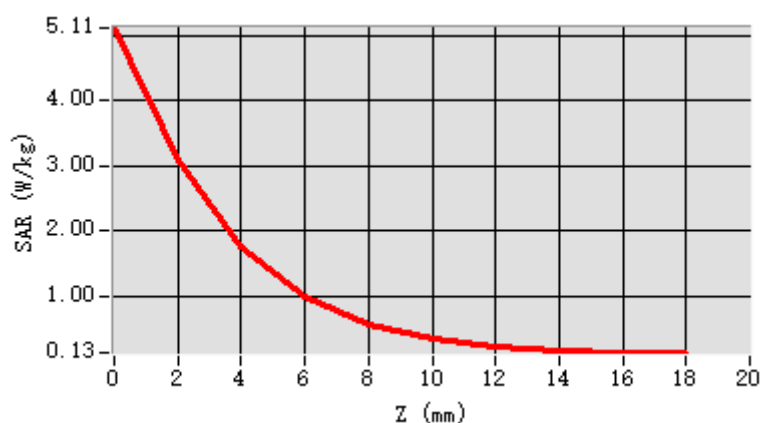
Maximum location: X=1.00, Y=0.00

SAR Peak: 5.11 W/kg

SAR 10g (W/Kg)	0.552982
SAR 1g (W/Kg)	1.678291



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 01/11/2025

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)

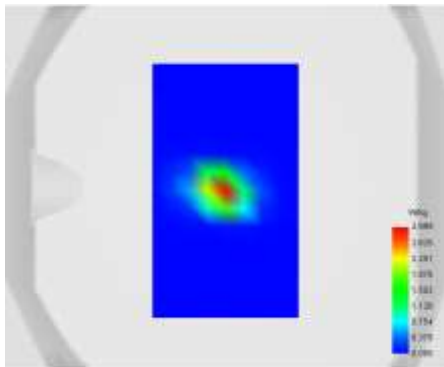
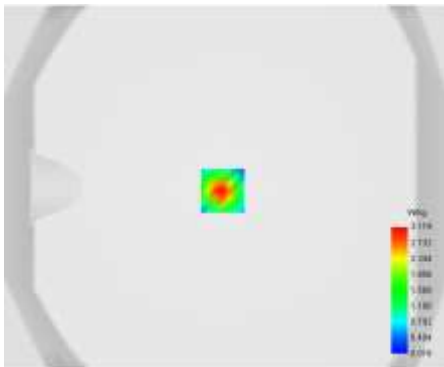
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.63
Conductivity (S/m)	5.06
Variation (%)	1.19

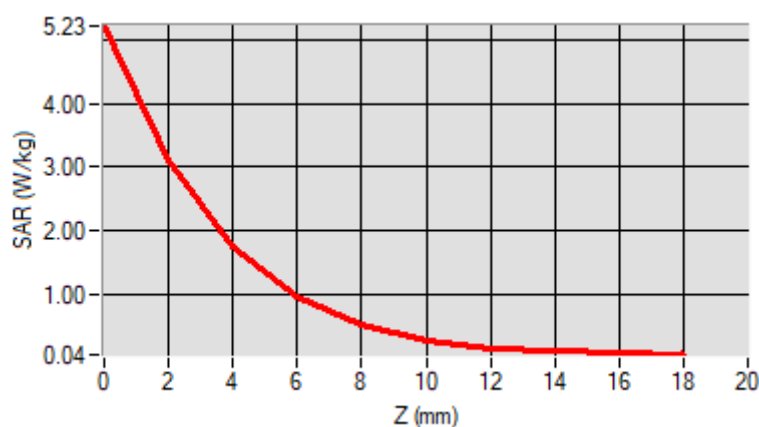
Maximum location: X=-1.00, Y=-2.00

SAR Peak: 5.23 W/kg

SAR 10g (W/Kg)	0.549965
SAR 1g (W/Kg)	1.685016

SURFACE SAR	VOLUME SAR
	

Z Axis Scan





System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 12/20/2024

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)

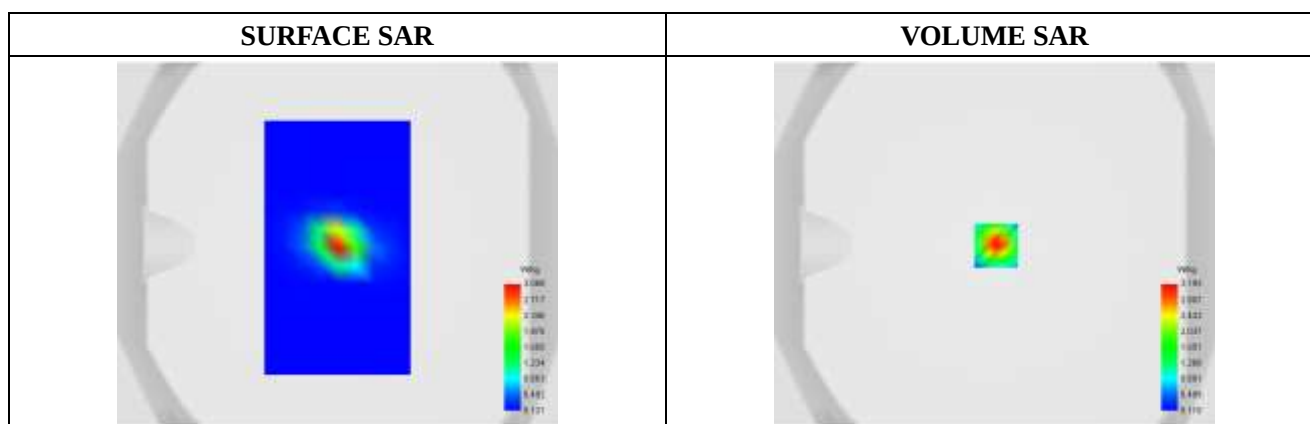
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	35.05
Conductivity (S/m)	5.18
Variation (%)	-0.54

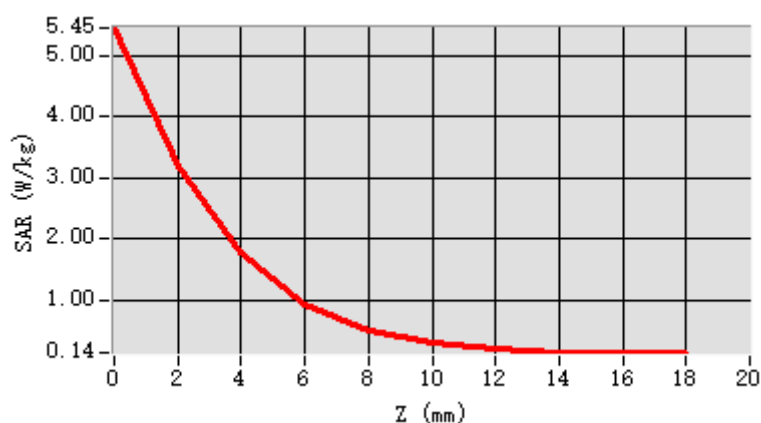
Maximum location: X=1.00, Y=-1.00

SAR Peak: 5.46 W/kg

SAR 10g (W/Kg)	0.621148
SAR 1g (W/Kg)	1.747053



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 01/11/2025

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)

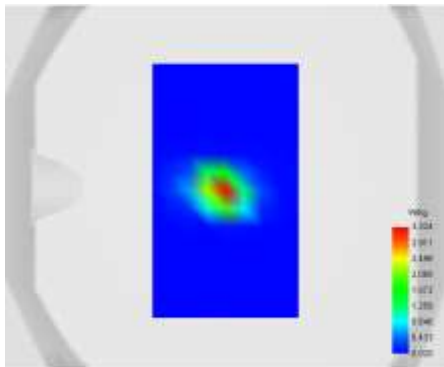
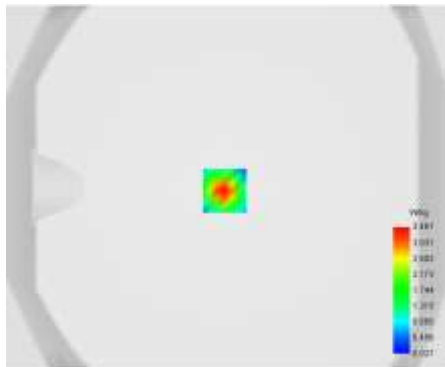
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	35.17
Conductivity (S/m)	5.30
Variation (%)	0.10

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

SAR Peak: 5.92 W/kg

SAR 10g (W/Kg)	0.620364
SAR 1g (W/Kg)	1.848504

SURFACE SAR	VOLUME SAR
	

Z Axis Scan

