

System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 03/16/2024

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	750MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

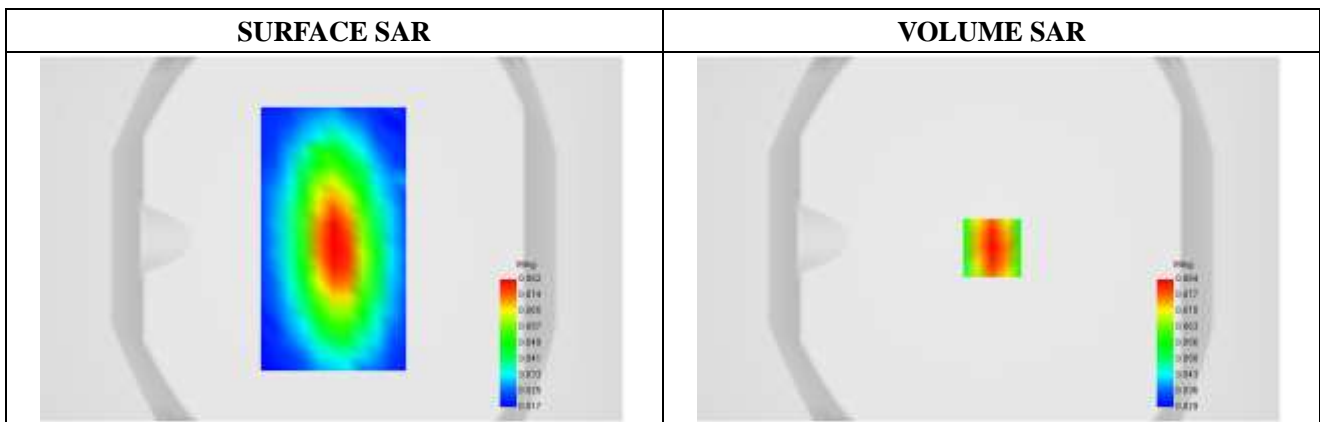
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	41.72
Conductivity (S/m)	0.90
Variation (%)	-0.43

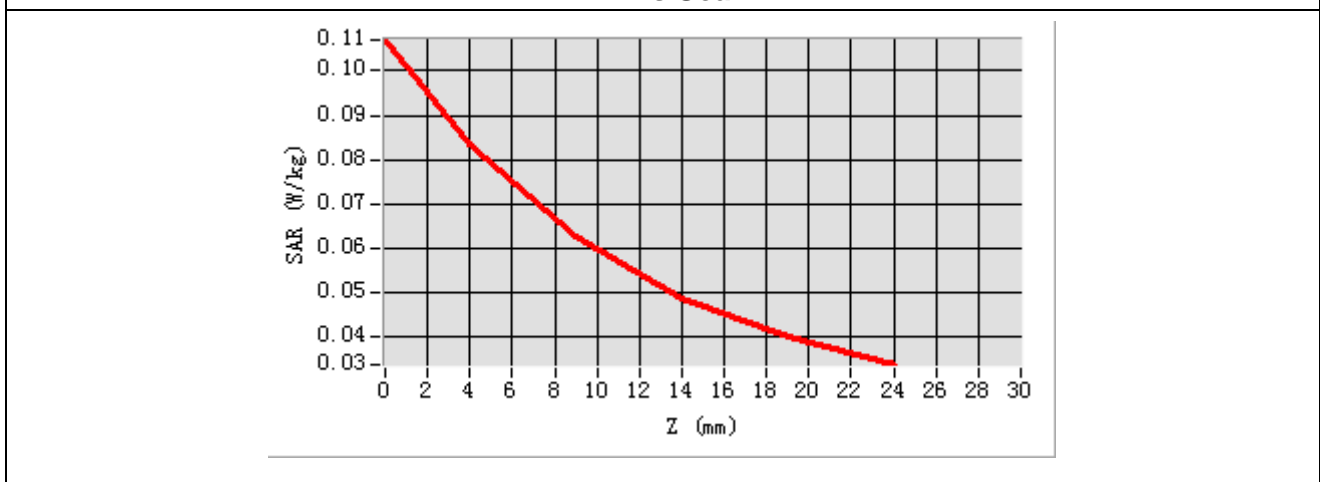
Maximum location: X=1.00, Y=-3.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.058931
SAR 1g (W/Kg)	0.088754



Z Axis Scan



System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 03/28/2024

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	750MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

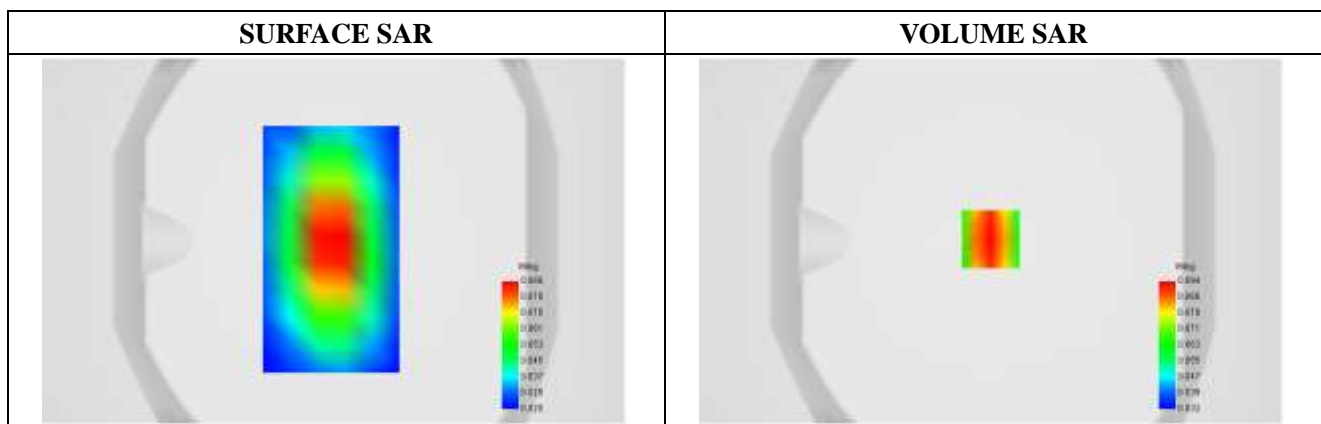
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	42.27
Conductivity (S/m)	0.89
Variation (%)	0.14

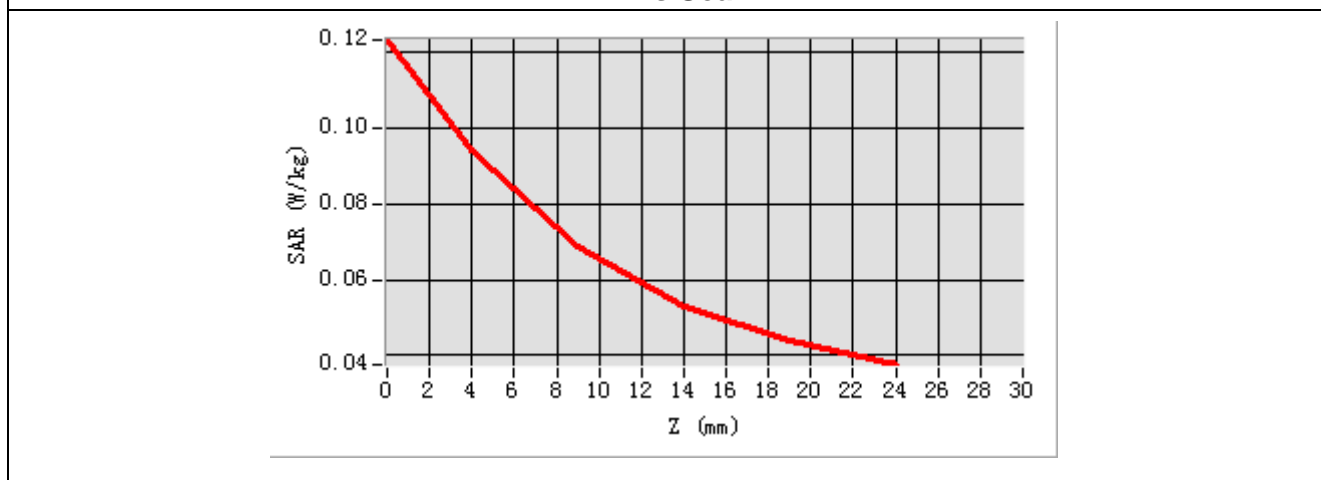
Maximum location: X=-1.00, Y=2.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.060183
SAR 1g (W/Kg)	0.090528



Z Axis Scan



System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 04/11/2024

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	750MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

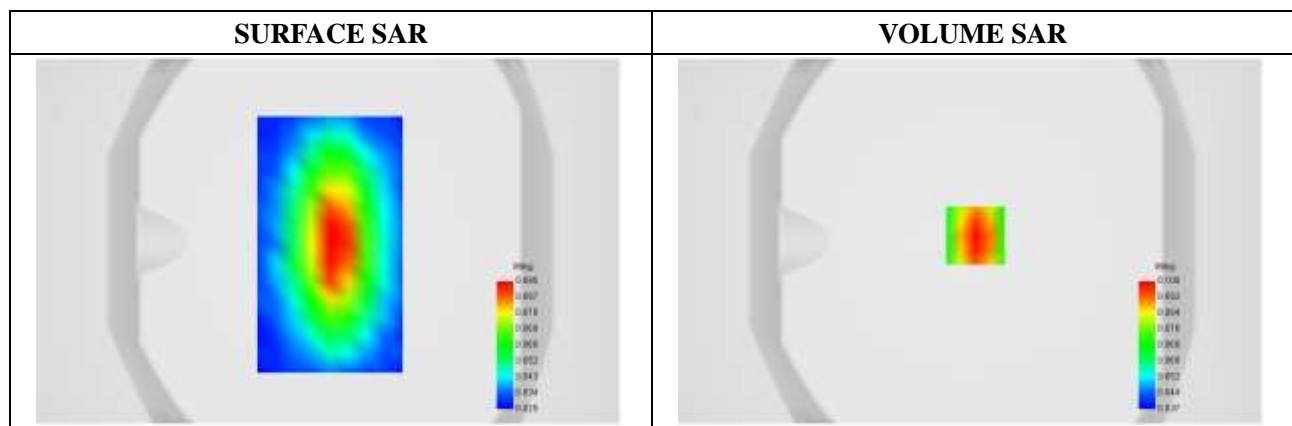
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	42.09
Conductivity (S/m)	0.87
Variation (%)	0.16

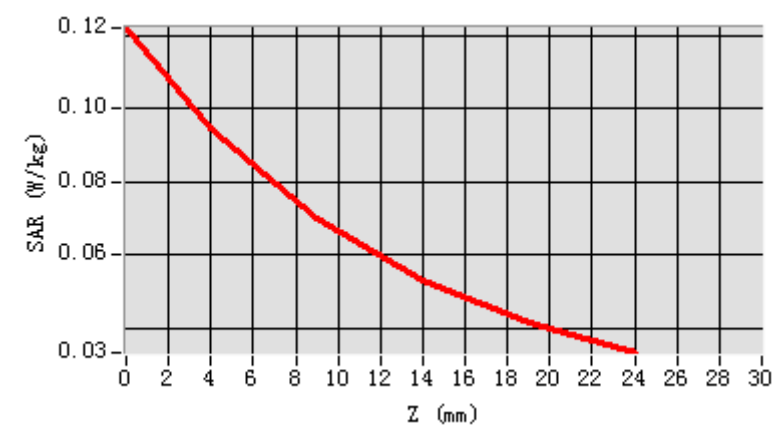
Maximum location: X=2.00, Y=2.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.060211
SAR 1g (W/Kg)	0.090185



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 03/12/2024

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	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

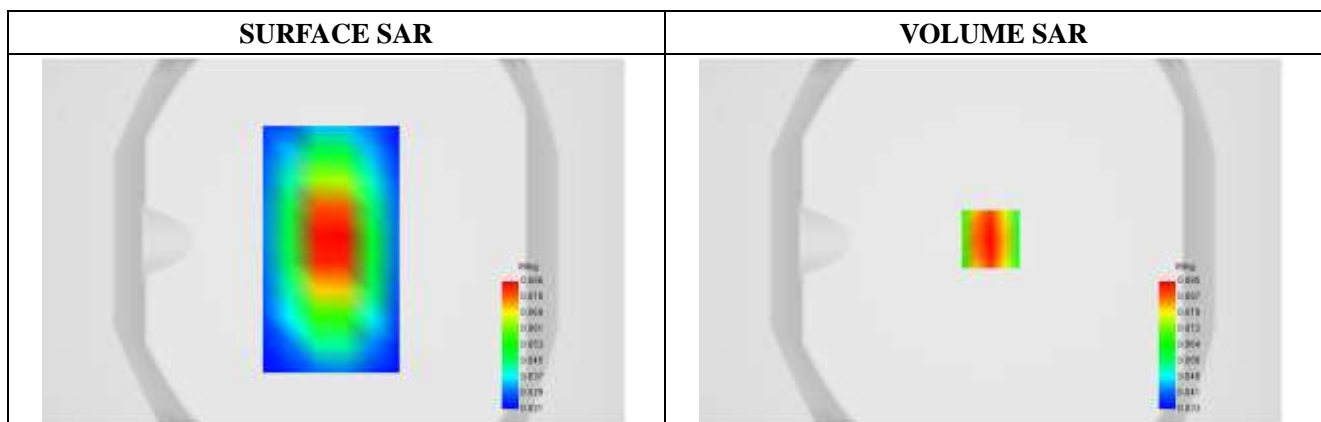
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.82
Conductivity (S/m)	0.88
Variation (%)	0.20

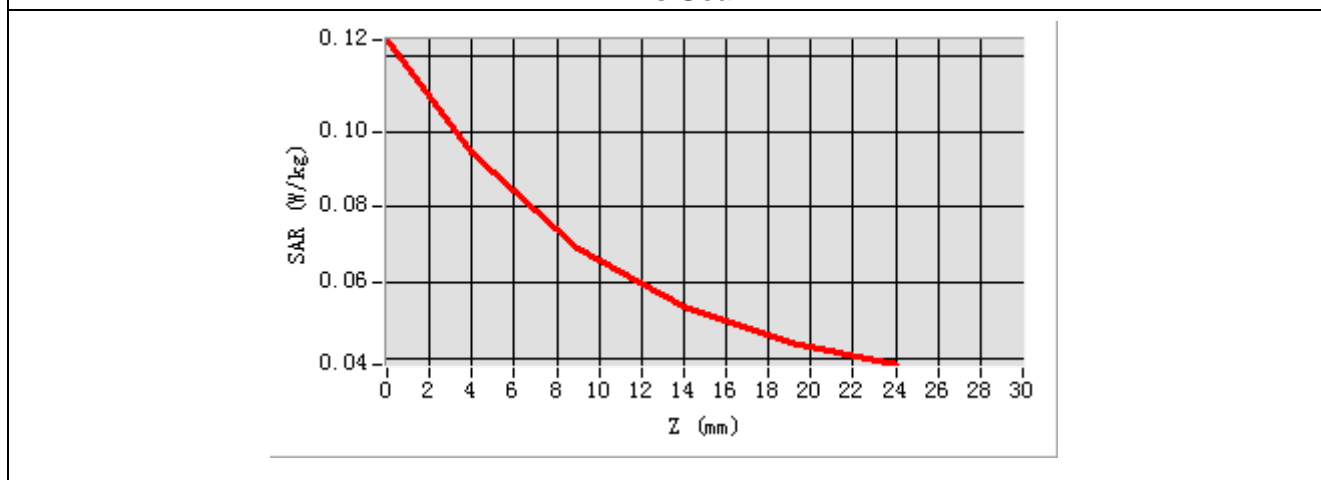
Maximum location: X=-1.00, Y=2.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.064126
SAR 1g (W/Kg)	0.096831



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 03/13/2024

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	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

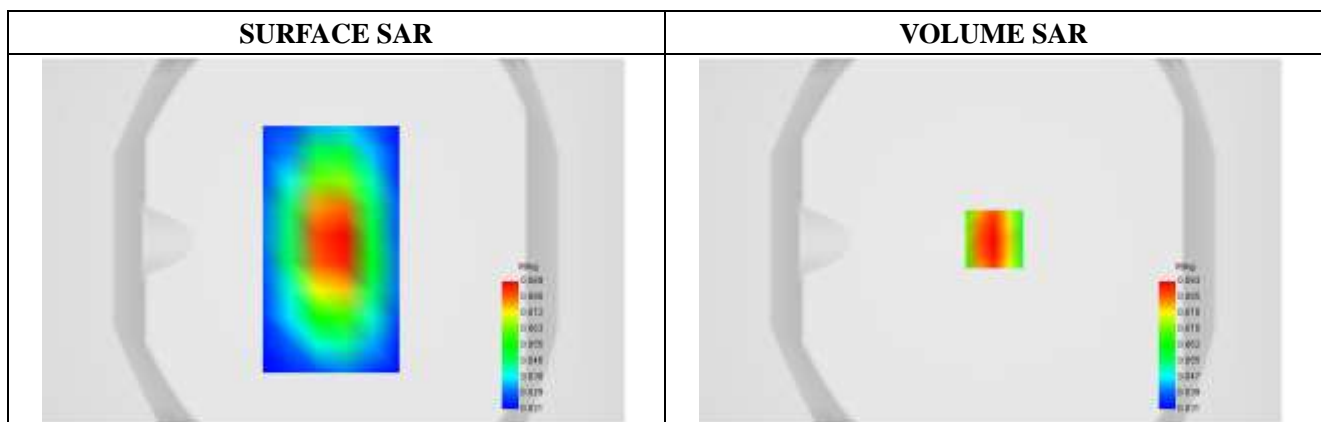
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.95
Conductivity (S/m)	0.89
Variation (%)	-0.06

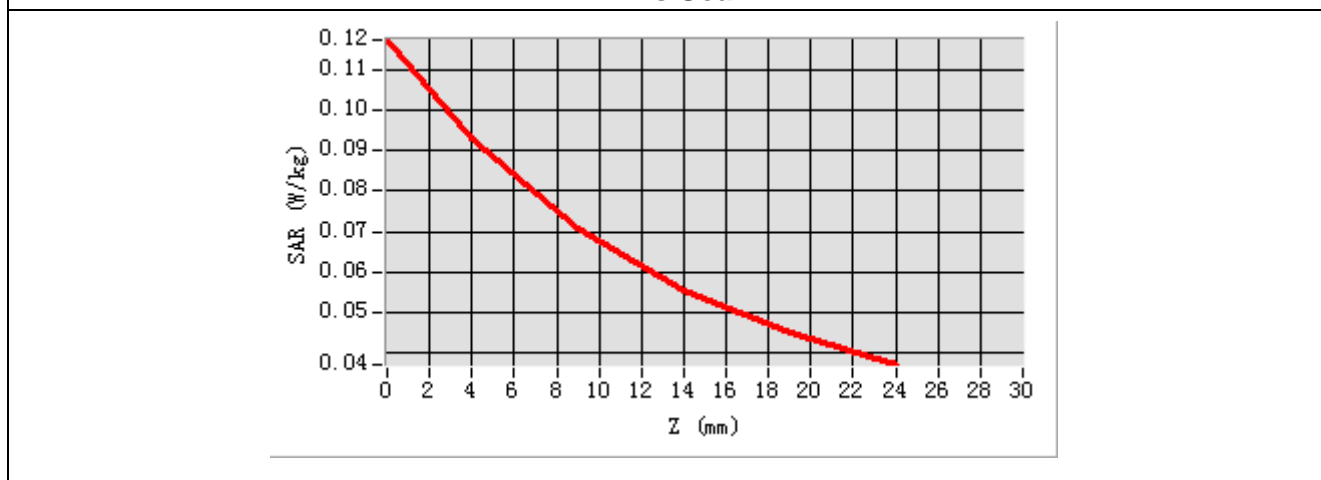
Maximum location: X=1.00, Y=1.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.061052
SAR 1g (W/Kg)	0.092961



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 03/19/2024

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	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

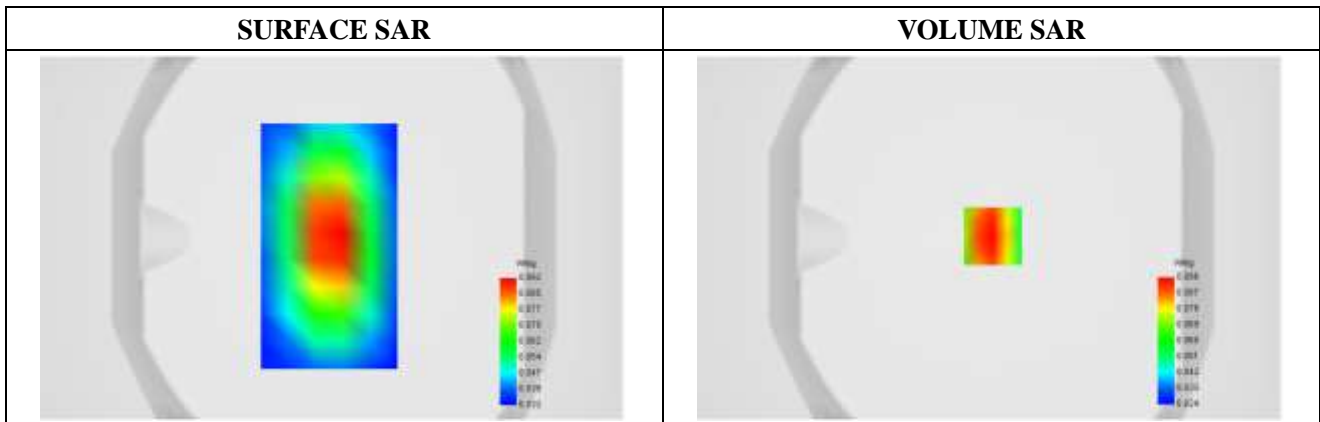
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	42.63
Conductivity (S/m)	0.91
Variation (%)	0.40

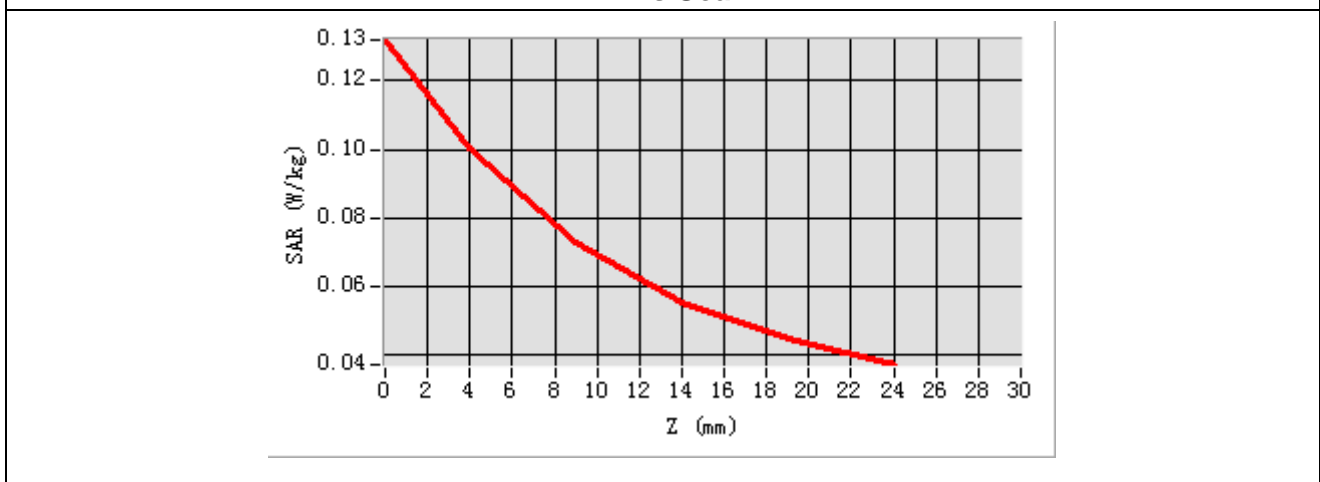
Maximum location: X=1.00, Y=-1.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.061652
SAR 1g (W/Kg)	0.094542



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 03/31/2024

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	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

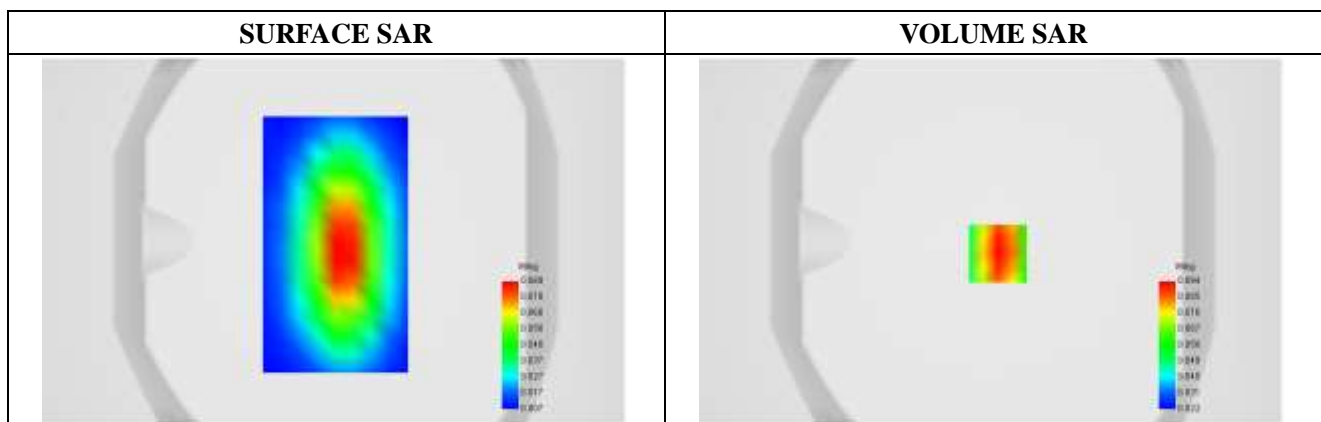
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.31
Conductivity (S/m)	0.91
Variation (%)	-0.20

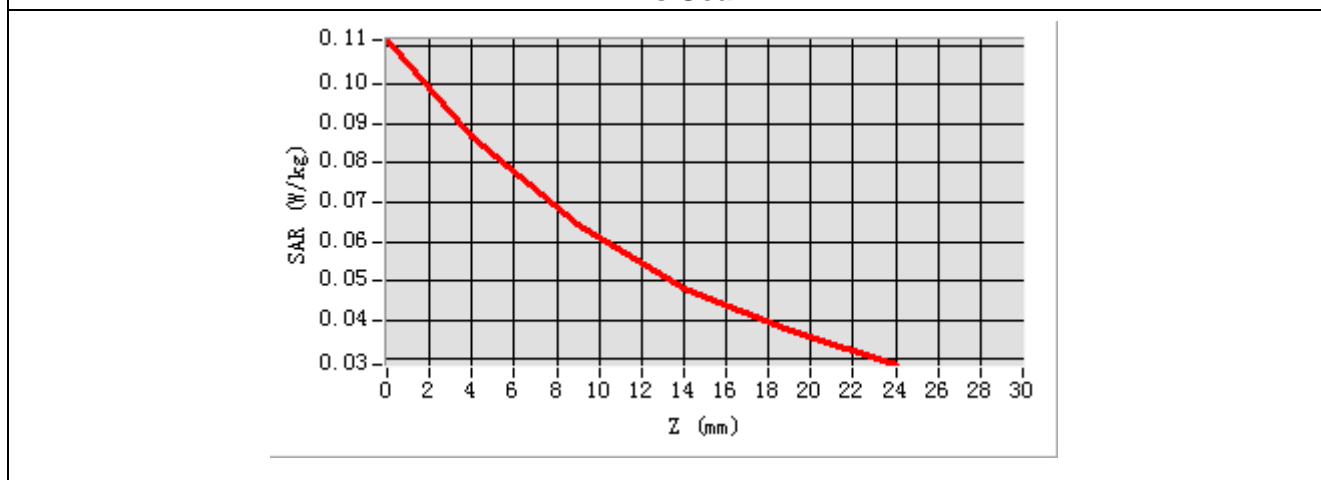
Maximum location: X=3.00, Y=-6.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.061204
SAR 1g (W/Kg)	0.092041



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 04/01/2024

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	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

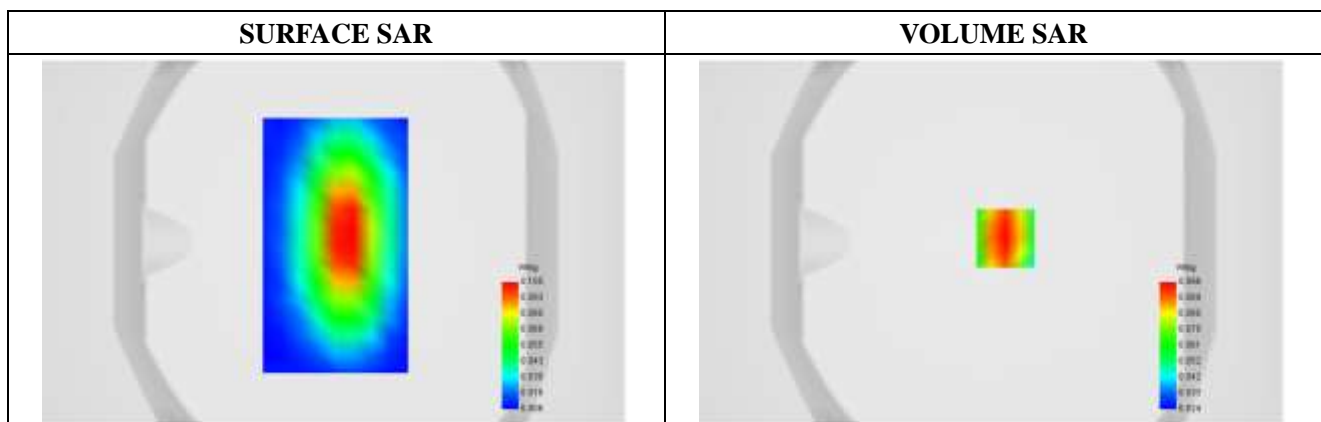
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.47
Conductivity (S/m)	0.88
Variation (%)	0.15

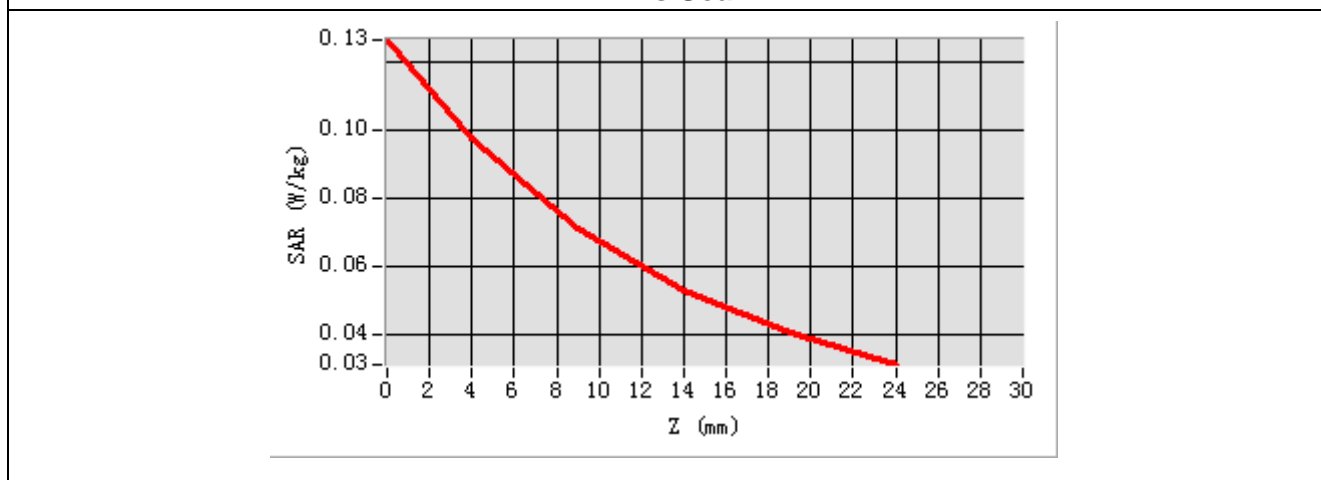
Maximum location: X=8.00, Y=3.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.062742
SAR 1g (W/Kg)	0.096148



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 03/01/2024

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	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

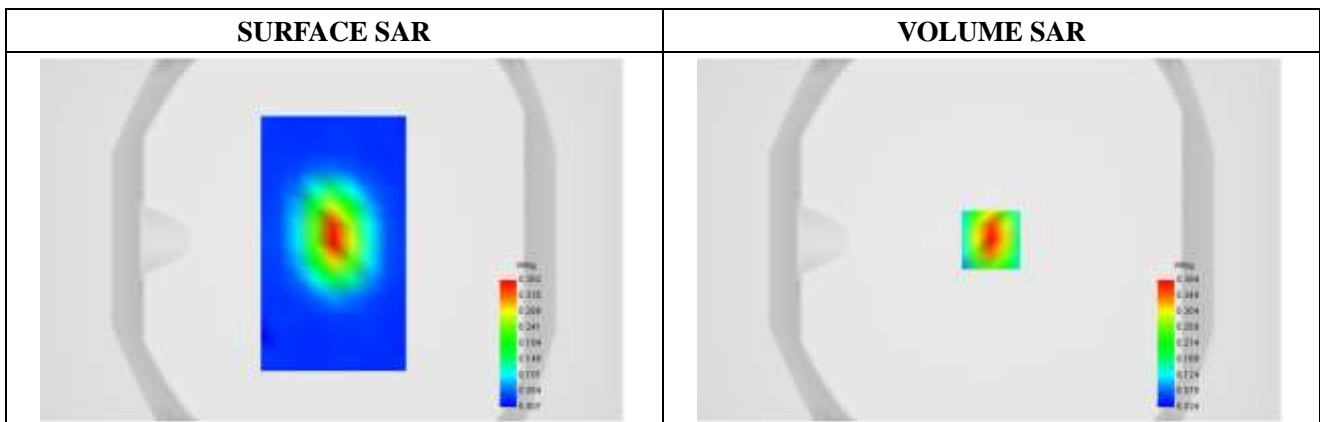
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.50
Conductivity (S/m)	1.36
Variation (%)	-0.17

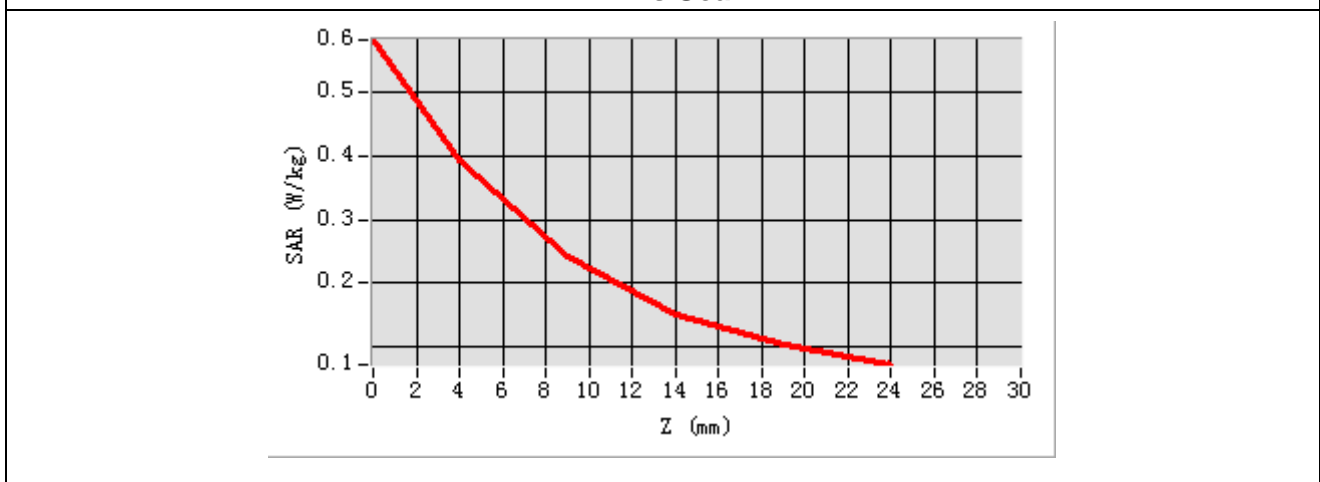
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.205814
SAR 1g (W/Kg)	0.368035



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 03/05/2024

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	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

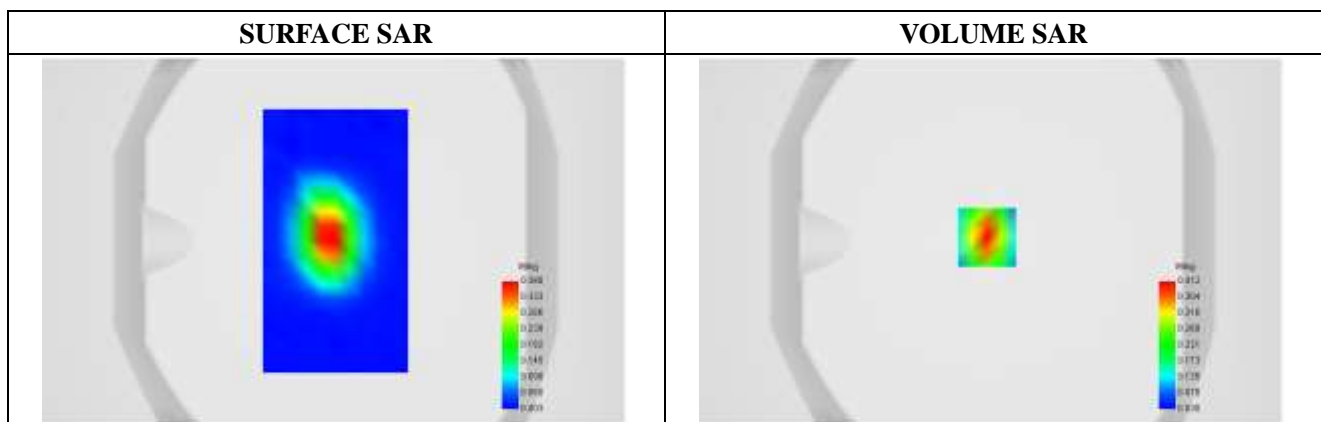
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.22
Conductivity (S/m)	1.39
Variation (%)	0.41

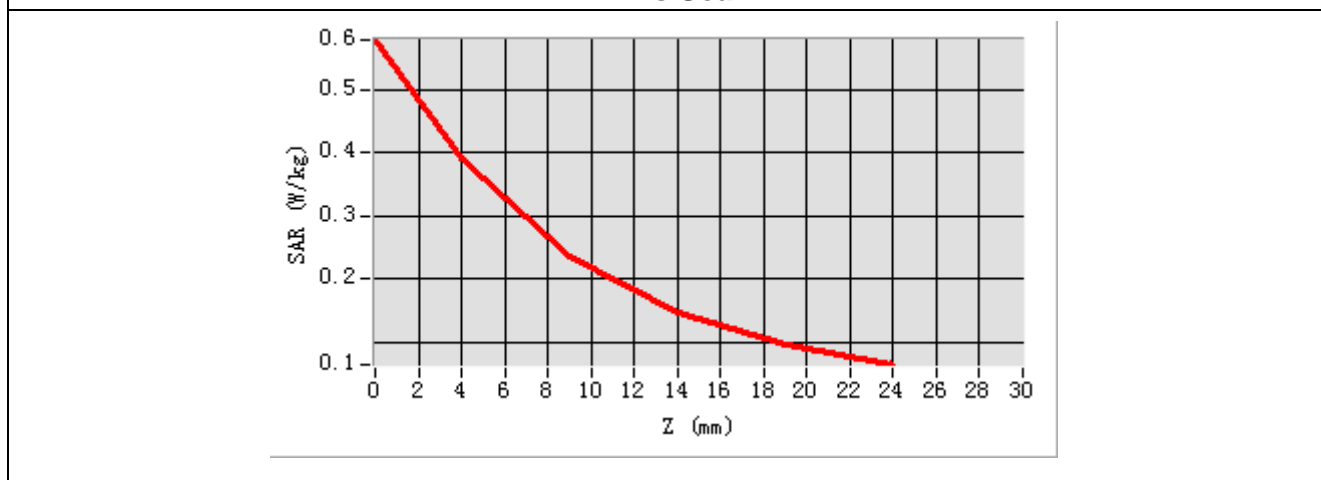
Maximum location: X=-2.00, Y=-1.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.201879
SAR 1g (W/Kg)	0.376376



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 03/27/2024

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	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

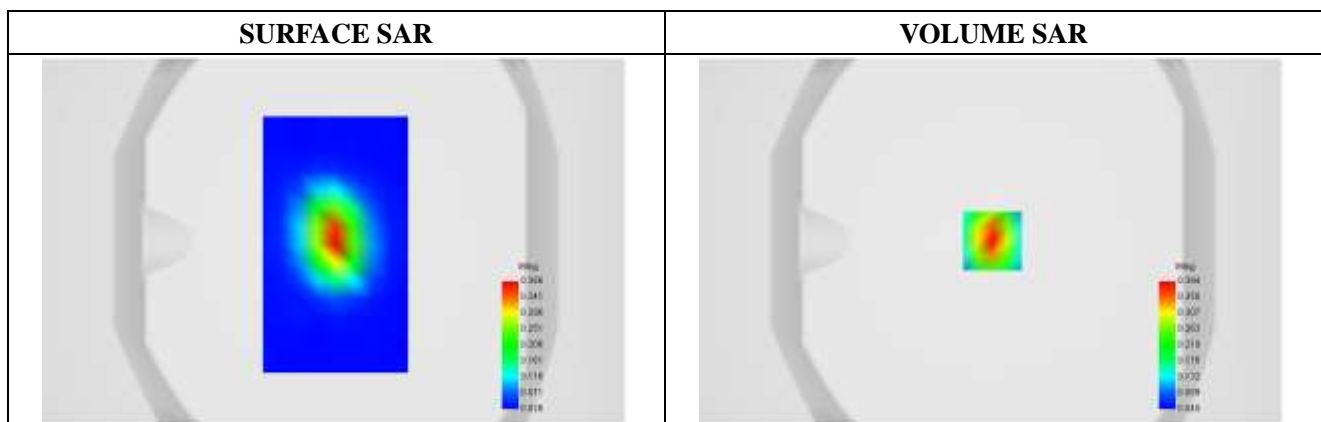
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.16
Conductivity (S/m)	1.37
Variation (%)	0.08

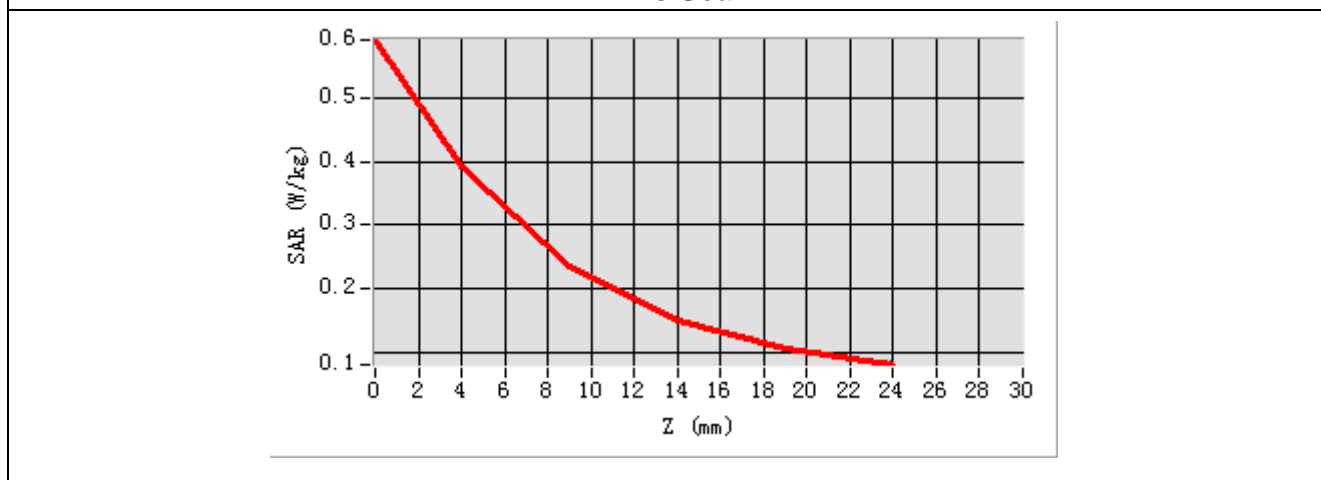
Maximum location: X=0.00, Y=1.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.202219
SAR 1g (W/Kg)	0.370620



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 04/13/2024

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	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

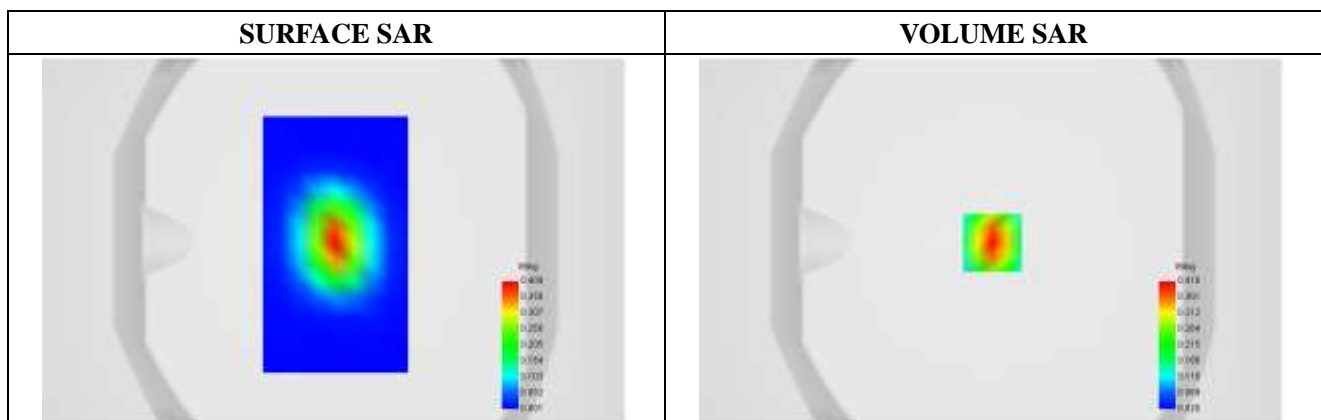
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.43
Conductivity (S/m)	1.37
Variation (%)	-0.15

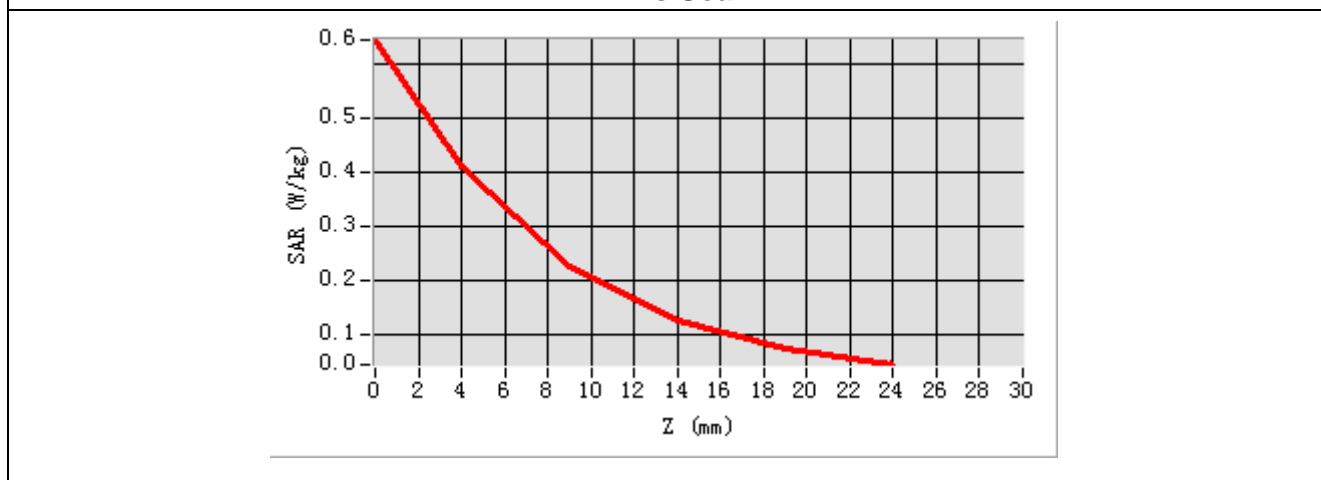
Maximum location: X=0.00, Y=-1.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.202379
SAR 1g (W/Kg)	0.381387



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 02/21/2024

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)

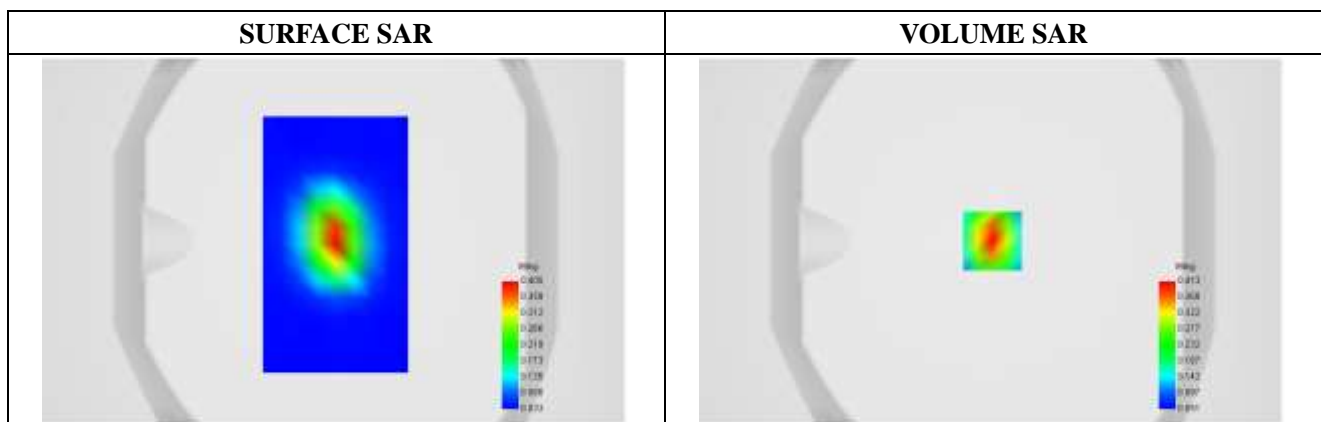
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	39.52
Conductivity (S/m)	1.45
Variation (%)	-0.18

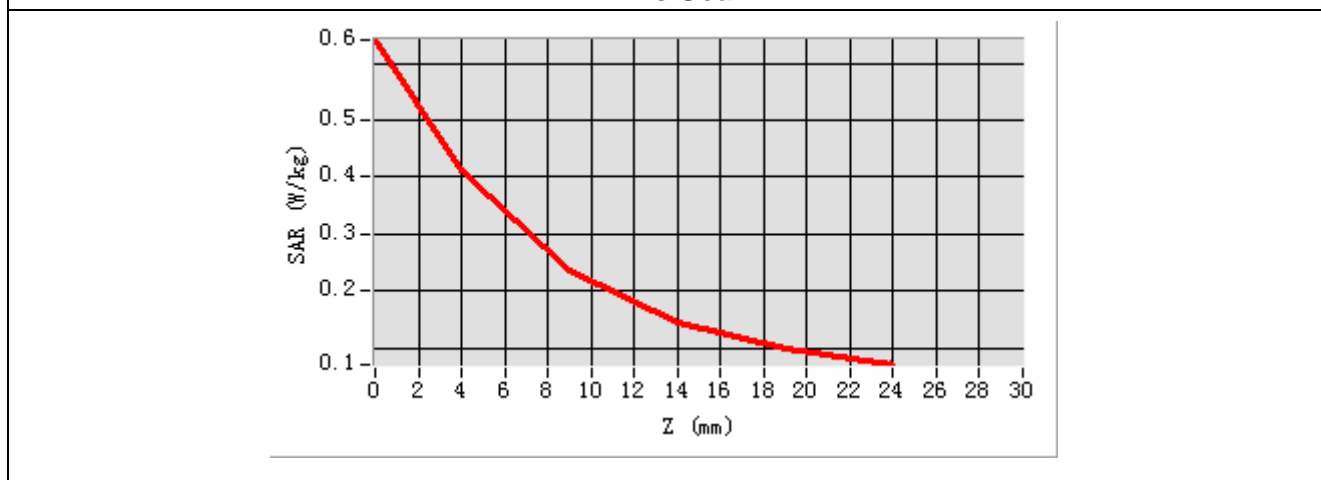
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.212363
SAR 1g (W/Kg)	0.393754



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 02/22/2024

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)

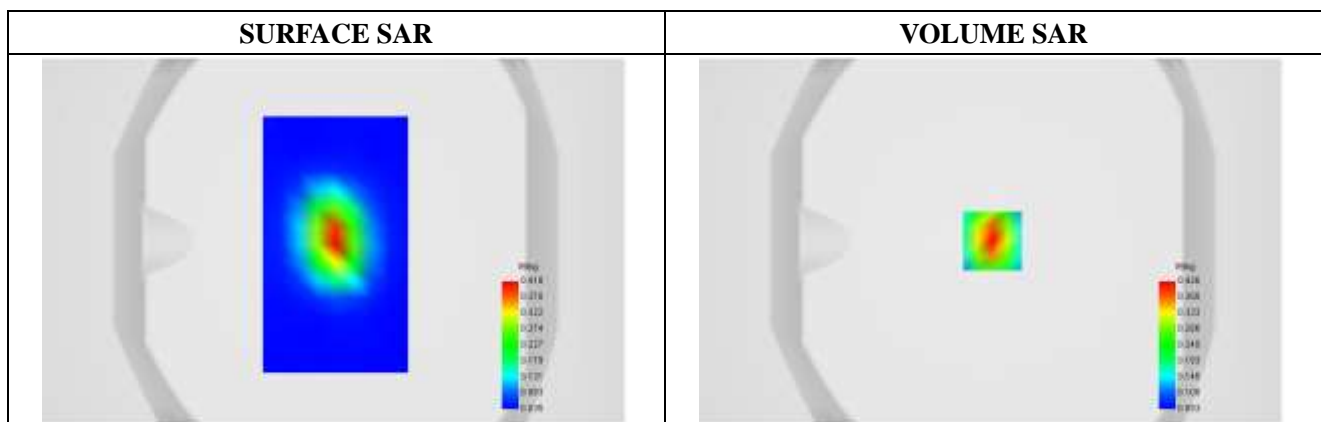
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	39.11
Conductivity (S/m)	1.44
Variation (%)	0.09

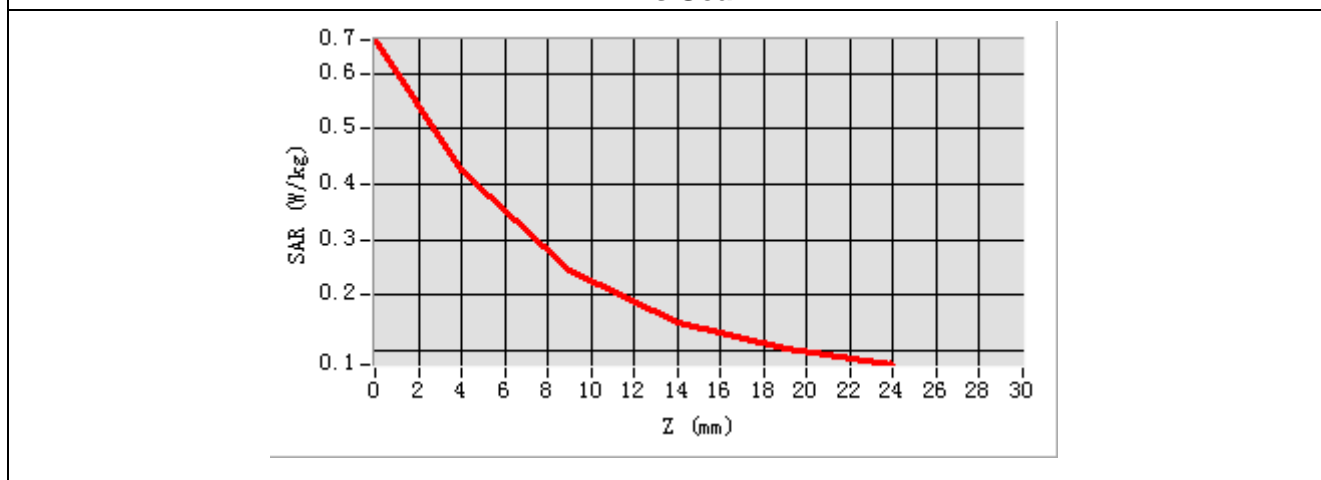
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.210107
SAR 1g (W/Kg)	0.401238



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 03/02/2024

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)

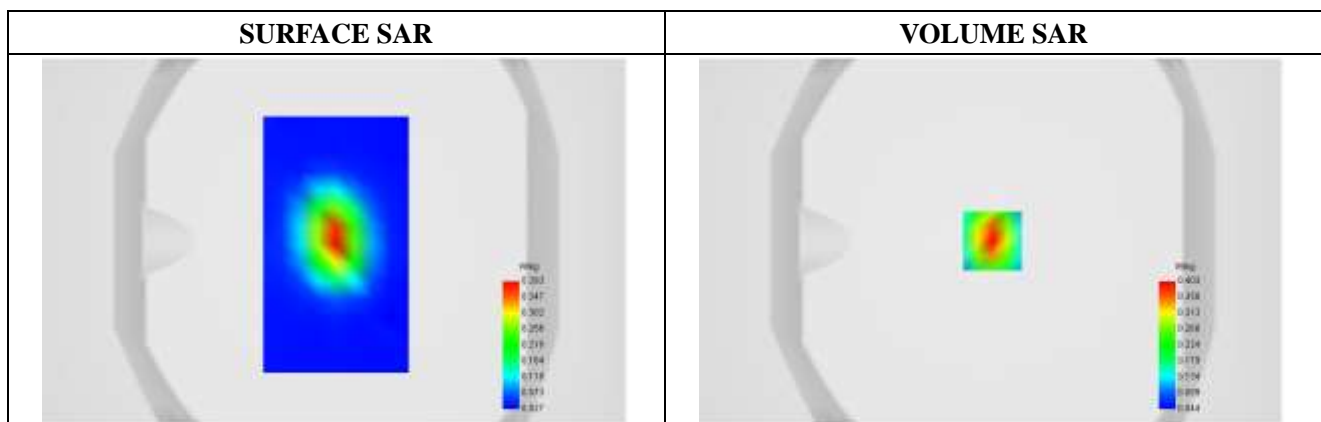
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.42
Conductivity (S/m)	1.41
Variation (%)	0.15

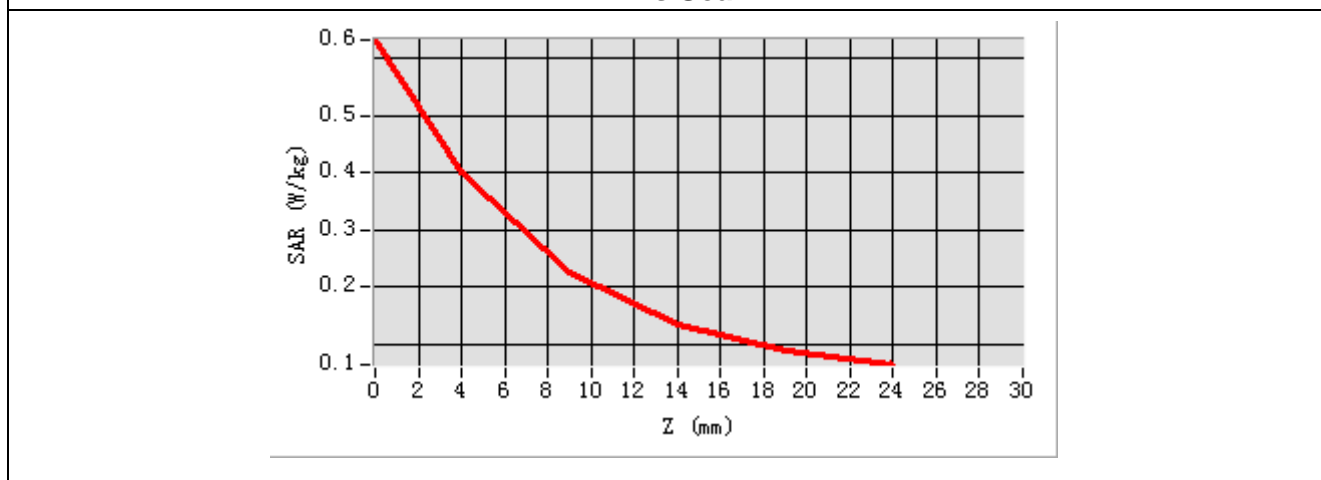
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.204784
SAR 1g (W/Kg)	0.384197



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 03/21/2024

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)

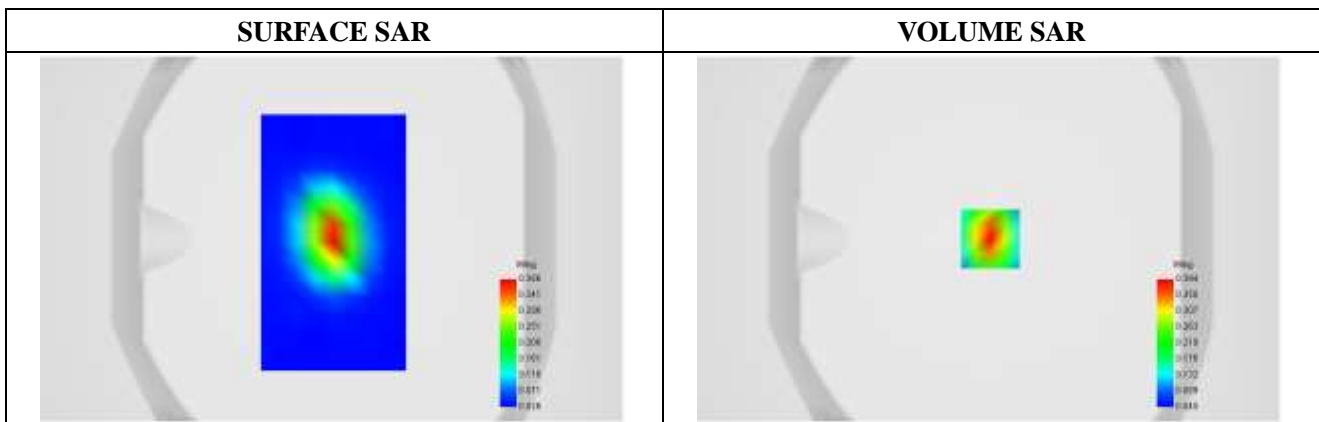
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.77
Conductivity (S/m)	1.38
Variation (%)	0.15

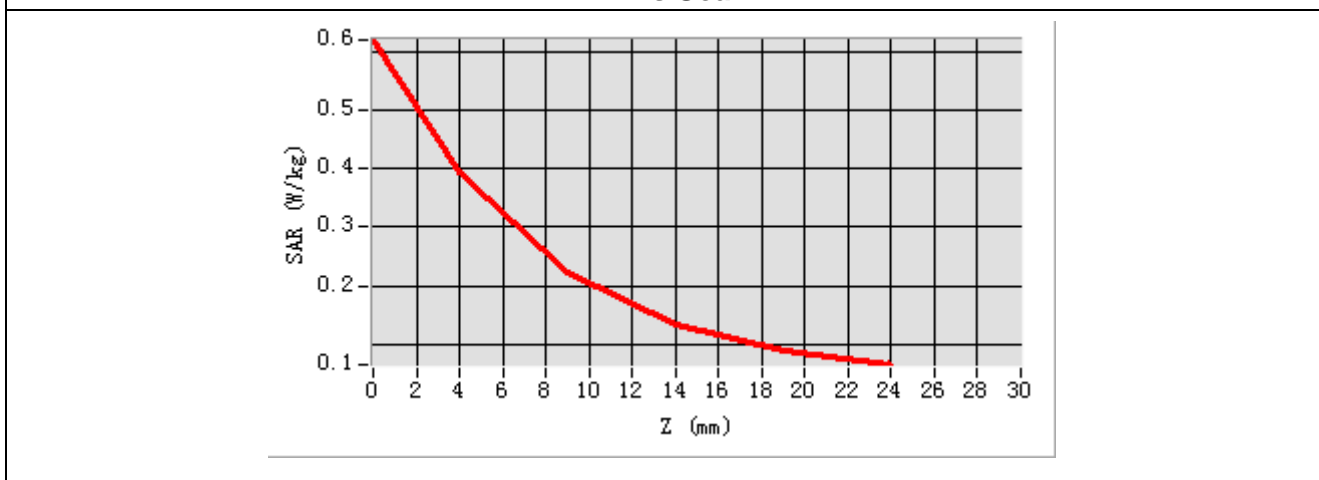
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.200854
SAR 1g (W/Kg)	0.389582



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 04/12/2024

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)

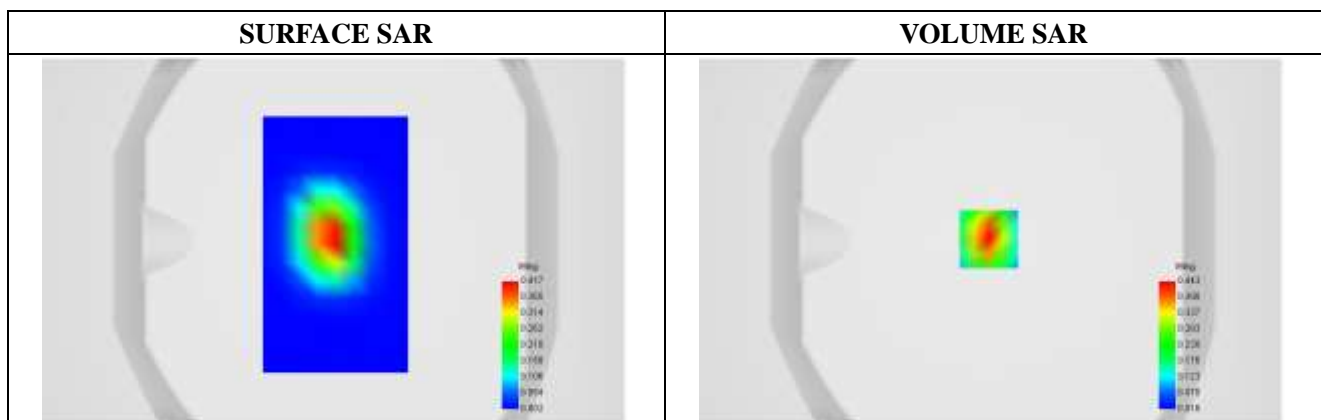
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.22
Conductivity (S/m)	1.43
Variation (%)	0.15

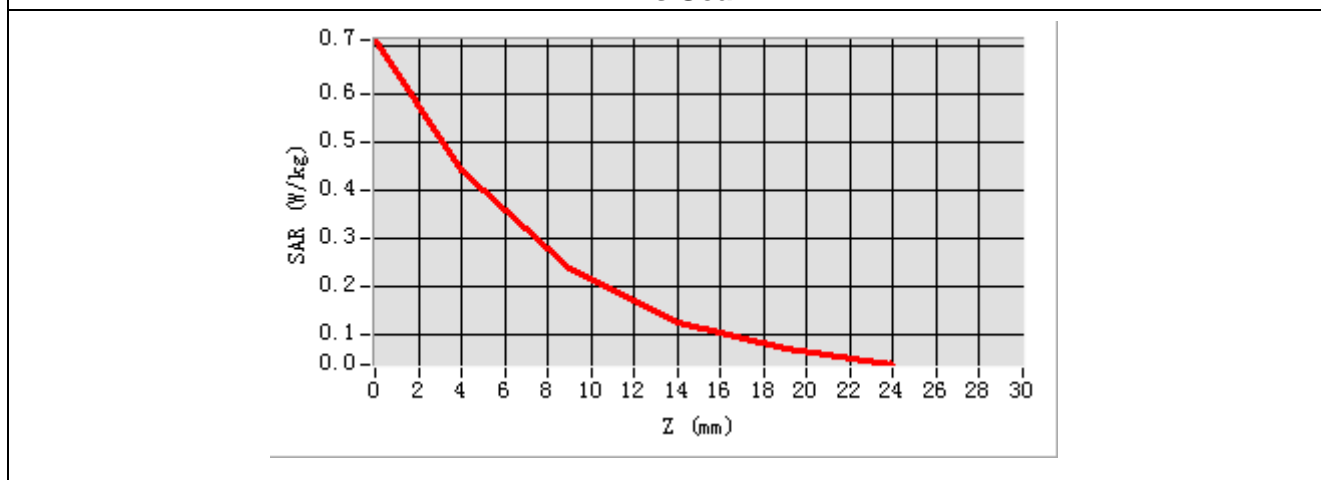
Maximum location: X=-2.00, Y=1.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.209360
SAR 1g (W/Kg)	0.428742



Z Axis Scan



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 03/25/2024

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)

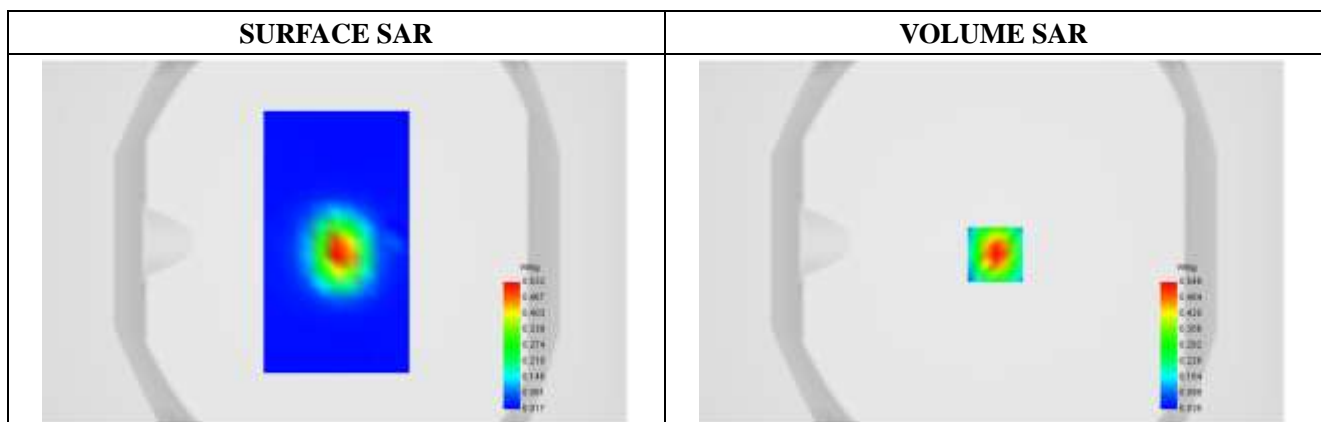
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.84
Conductivity (S/m)	1.78
Variation (%)	-0.46

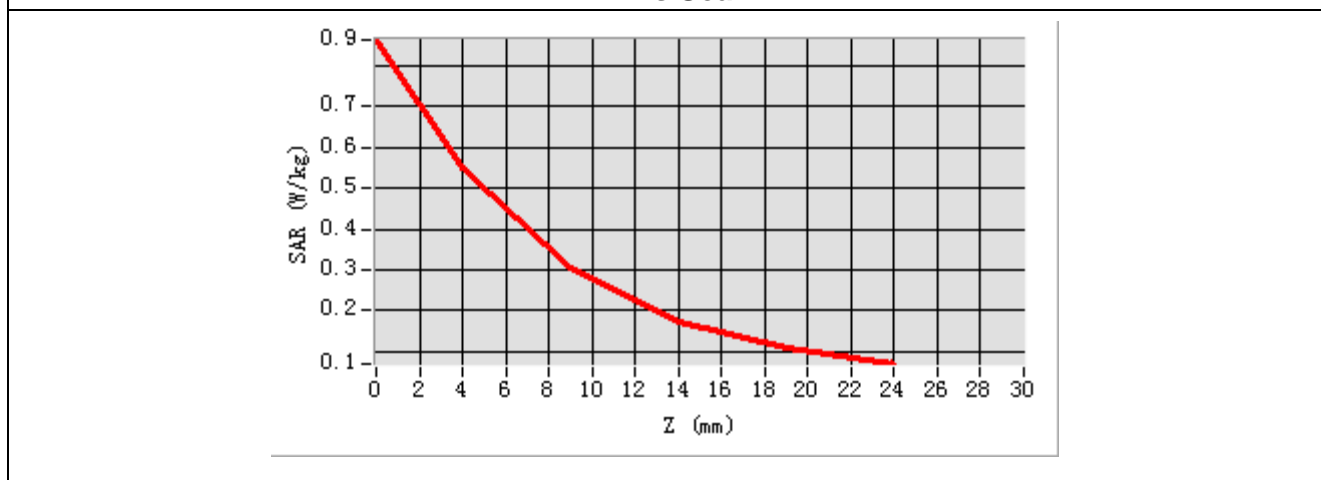
Maximum location: X=1.00, Y=-7.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.224510
SAR 1g (W/Kg)	0.504984



Z Axis Scan



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 04/18/2024

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)

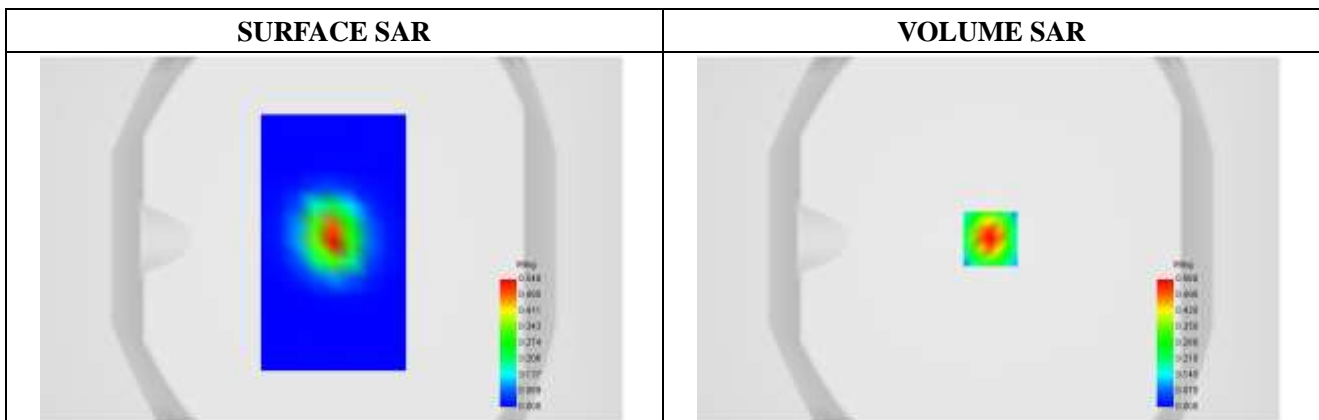
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.67
Conductivity (S/m)	1.82
Variation (%)	-0.61

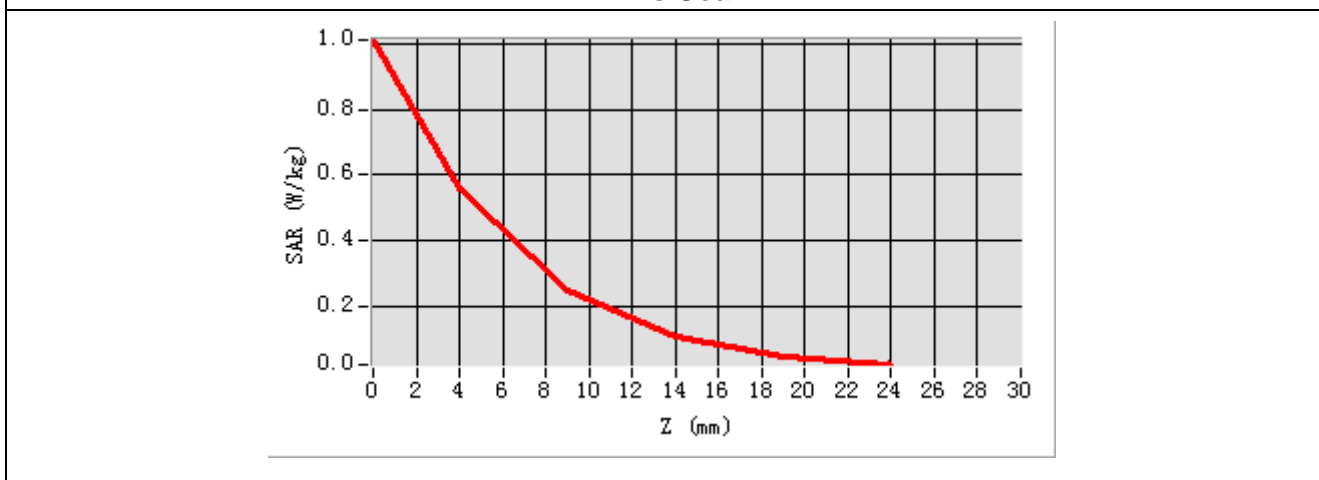
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.230982
SAR 1g (W/Kg)	0.523072



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 02/20/2024

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

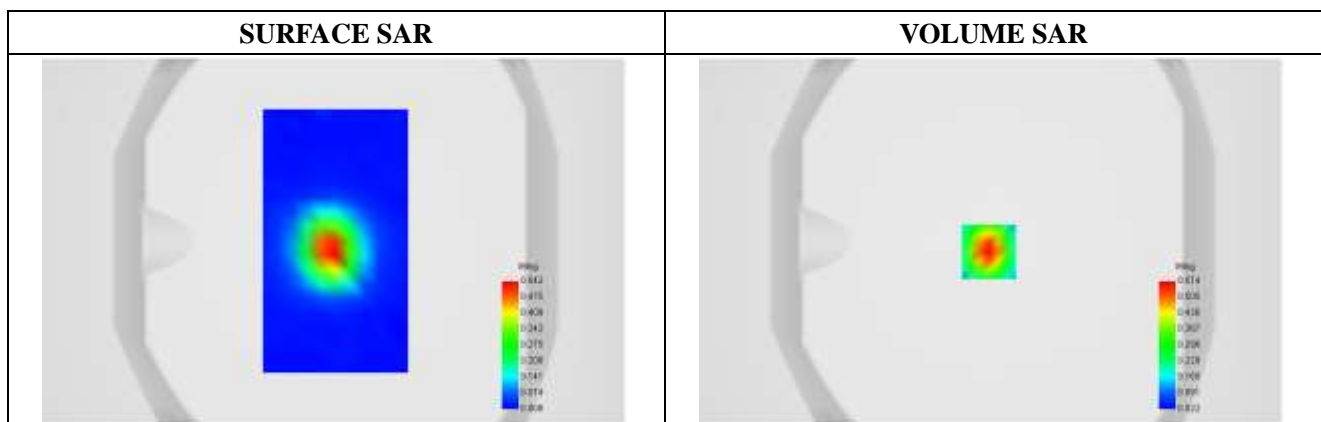
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	40.02
Conductivity (S/m)	1.94
Variation (%)	-0.23

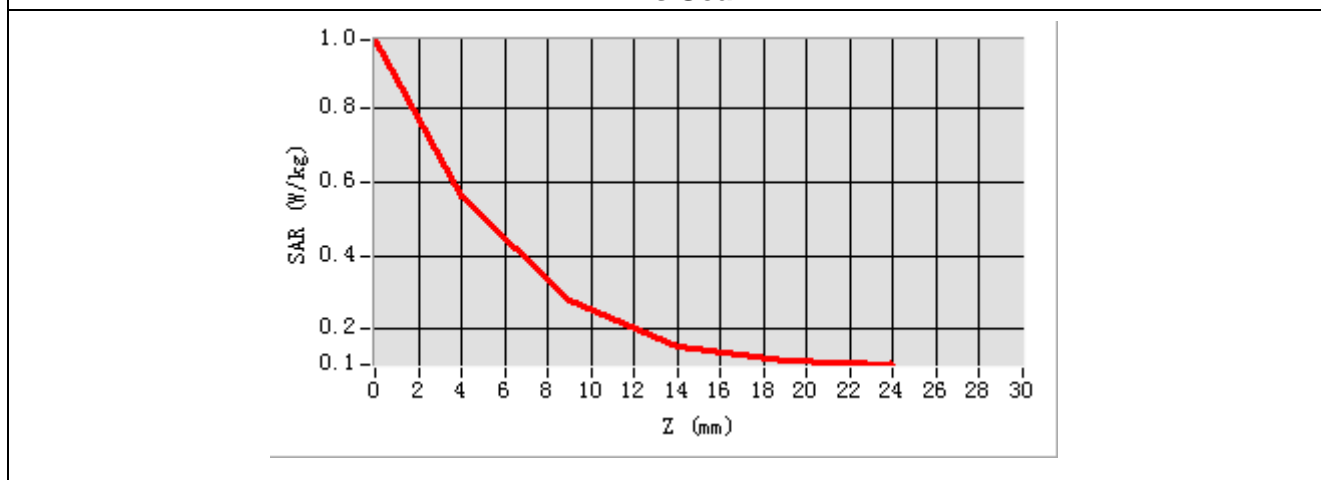
Maximum location: X=-1.00, Y=-7.00

SAR Peak:0.99 W/kg

SAR 10g (W/Kg)	0.251062
SAR 1g (W/Kg)	0.556513



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 02/29/2024

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

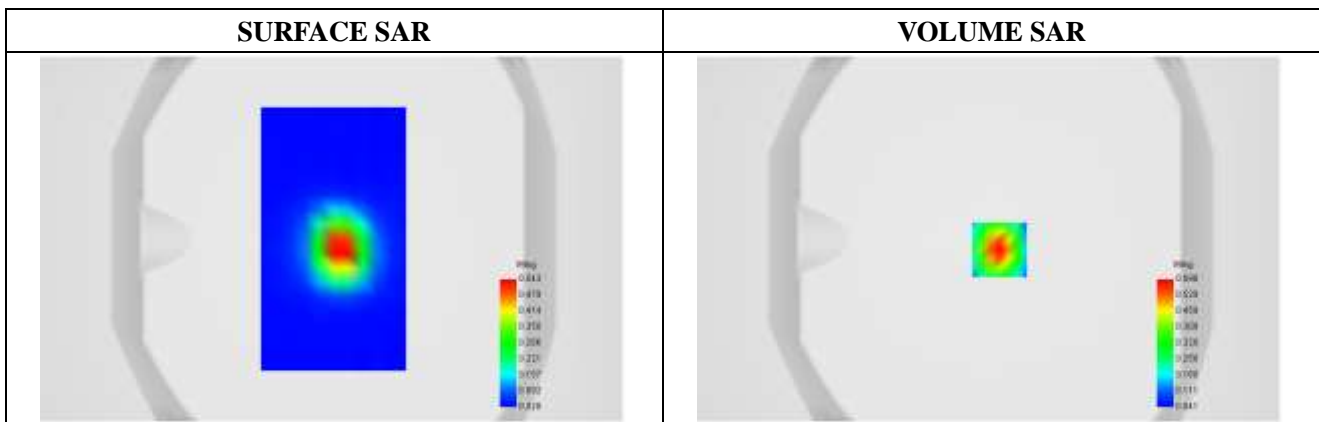
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.84
Conductivity (S/m)	1.97
Variation (%)	-0.24

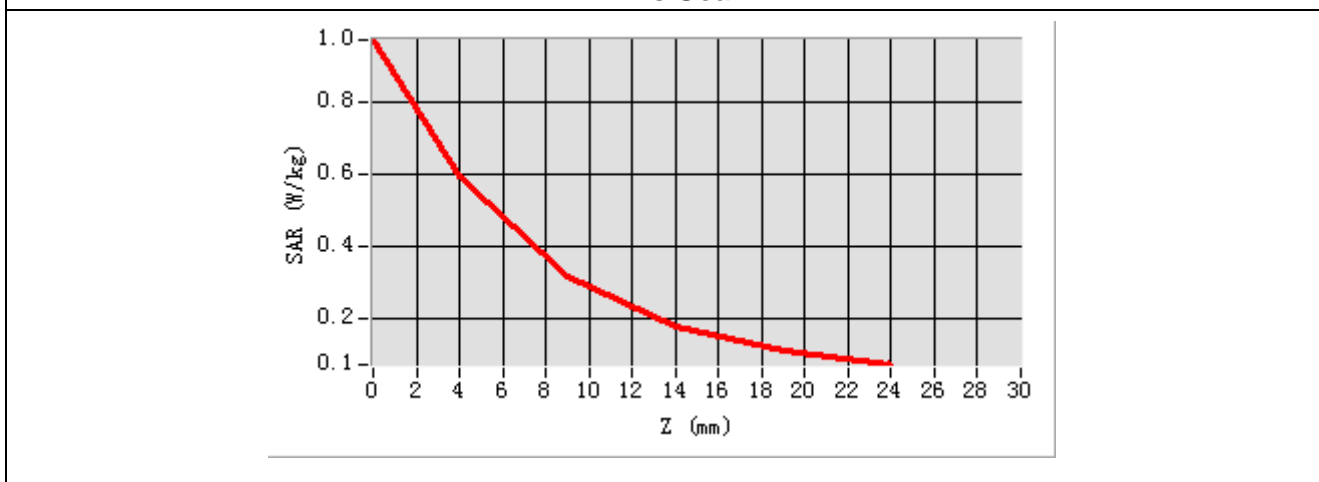
Maximum location: X=4.00, Y=-7.00

SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.261234
SAR 1g (W/Kg)	0.576082



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 03/03/2024

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

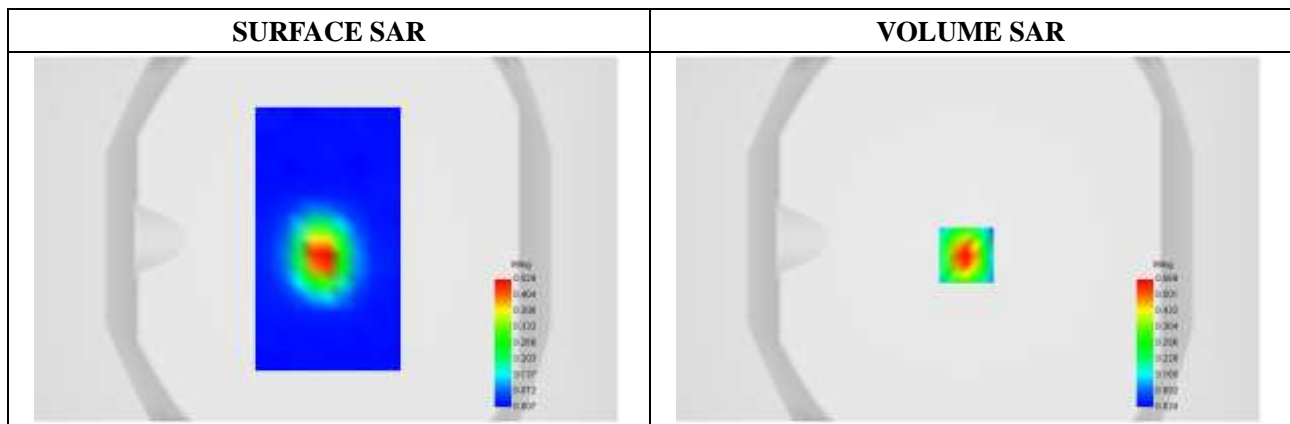
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.27
Conductivity (S/m)	1.99
Variation (%)	-0.76

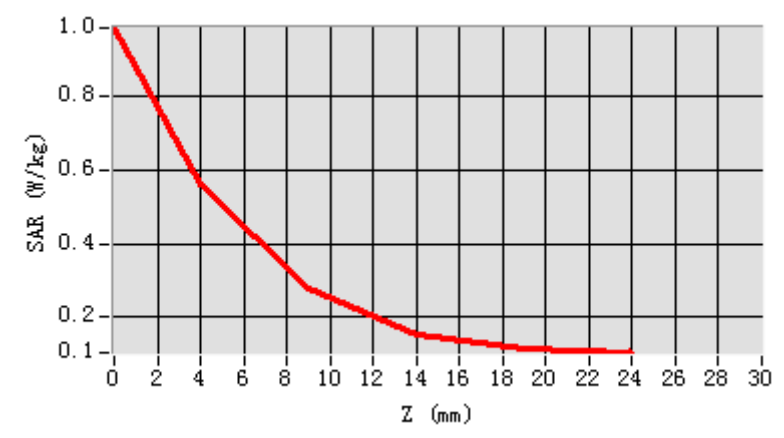
Maximum location: X=-2.00, Y=-8.00

SAR Peak:0.97 W/kg

SAR 10g (W/Kg)	0.244266
SAR 1g (W/Kg)	0.552198



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 03/23/2024

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

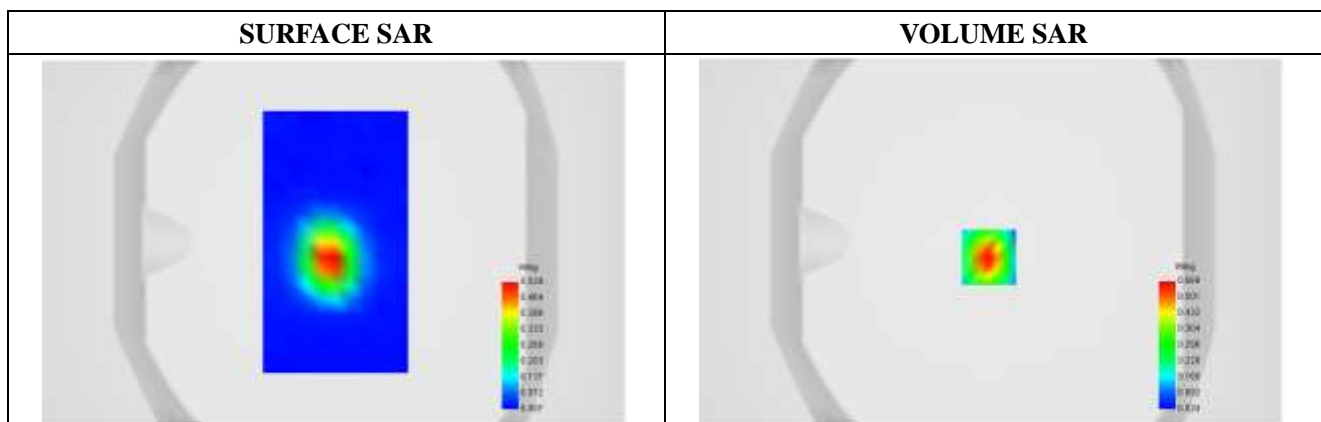
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.60
Conductivity (S/m)	1.97
Variation (%)	-0.24

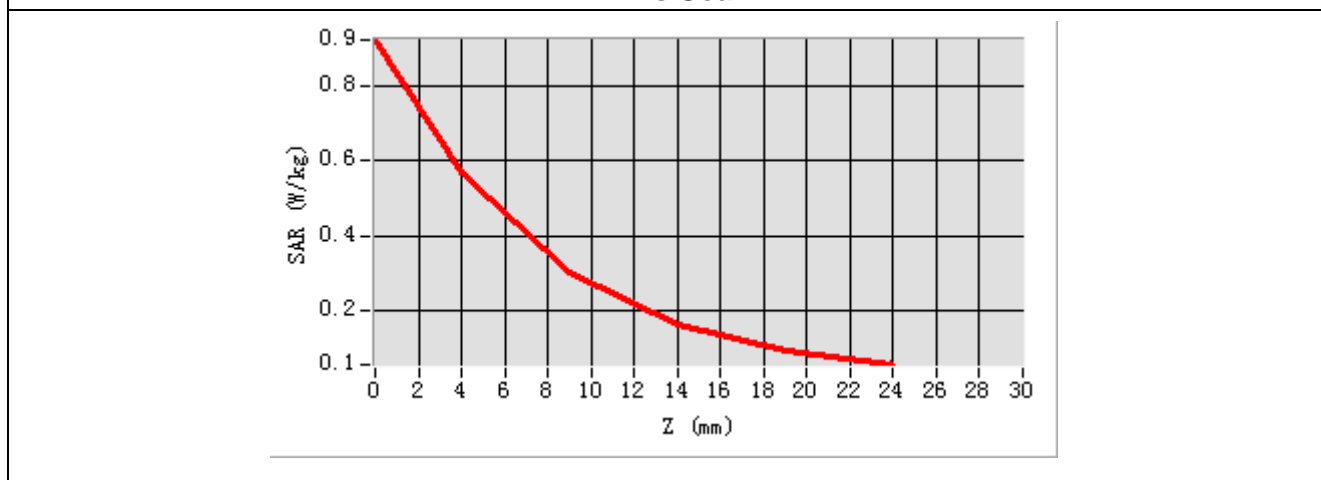
Maximum location: X=-3.00, Y=9.00

SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)	0.249465
SAR 1g (W/Kg)	0.538706



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 04/14/2024

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

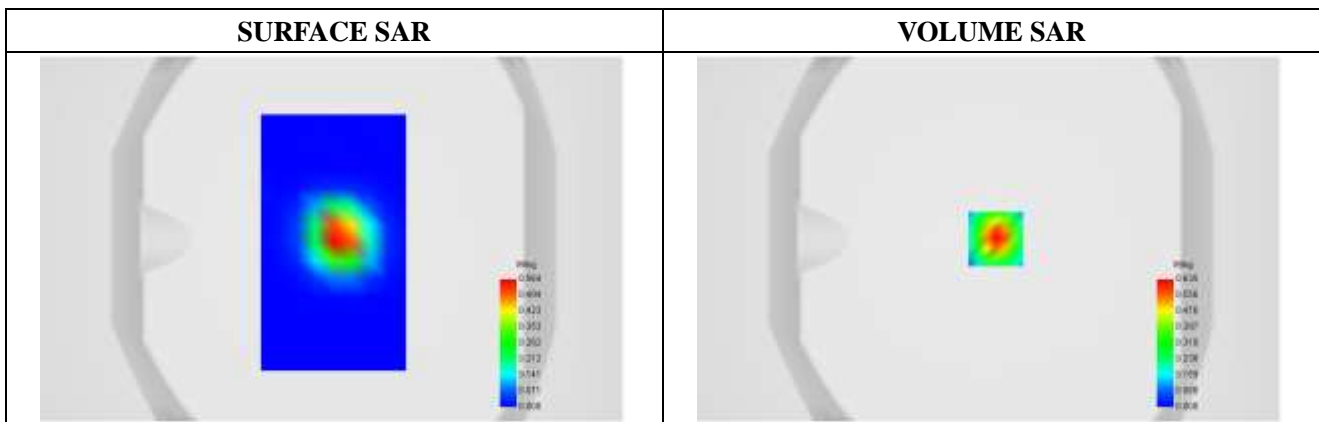
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.51
Conductivity (S/m)	2.01
Variation (%)	-0.14

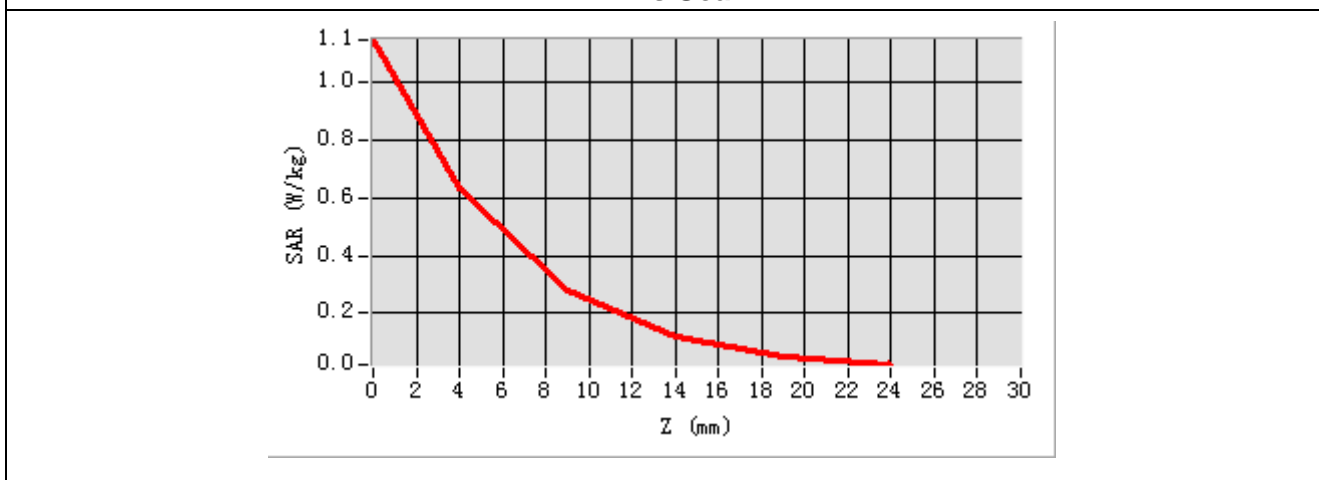
Maximum location: X=3.00, Y=0.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.251246
SAR 1g (W/Kg)	0.580903



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 03/20/2024

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)

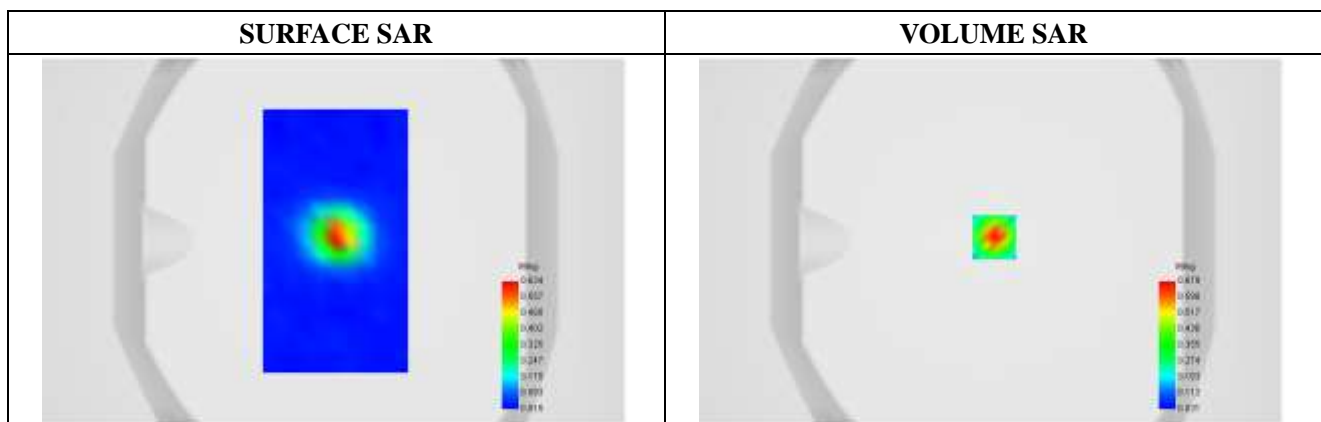
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	37.62
Conductivity (S/m)	2.85
Variation (%)	-0.50

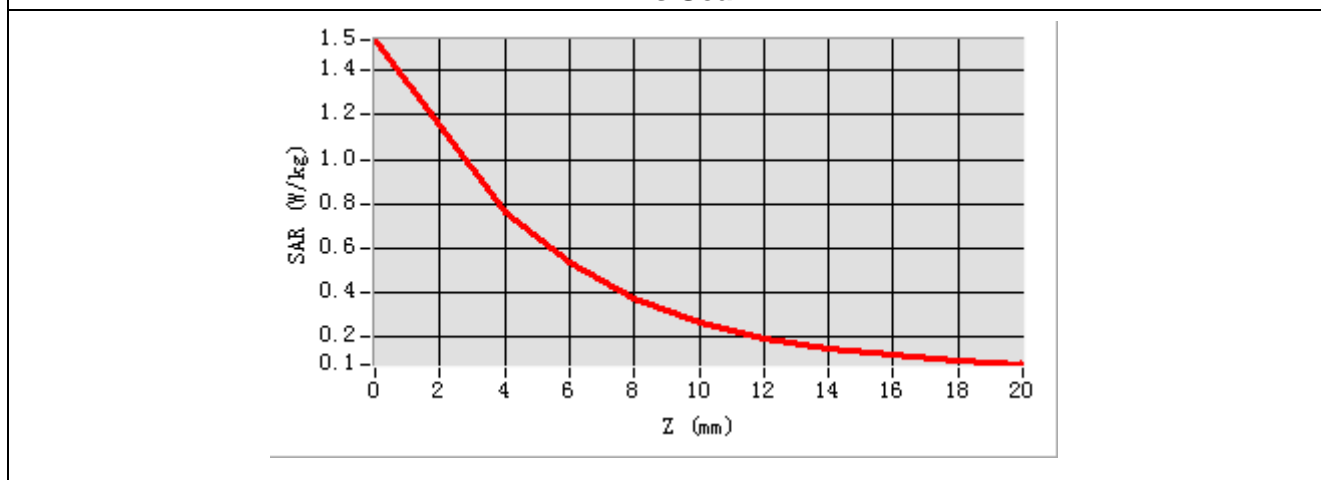
Maximum location: X=2.00, Y=-3.00

SAR Peak: 1.49 W/kg

SAR 10g (W/Kg)	0.252081
SAR 1g (W/Kg)	0.650157



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 04/08/2024

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

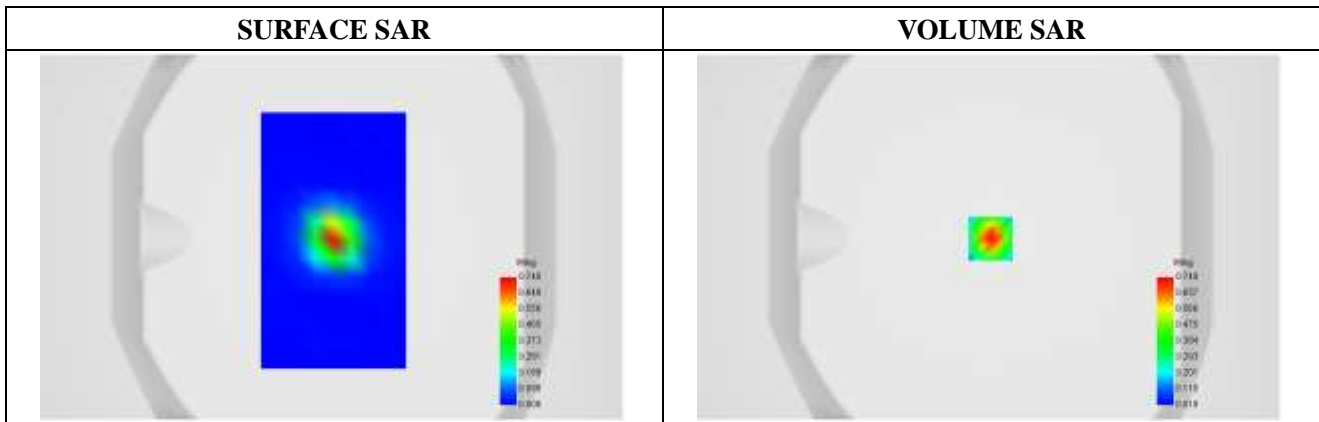
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.41
Conductivity (S/m)	2.80
Variation (%)	-0.35

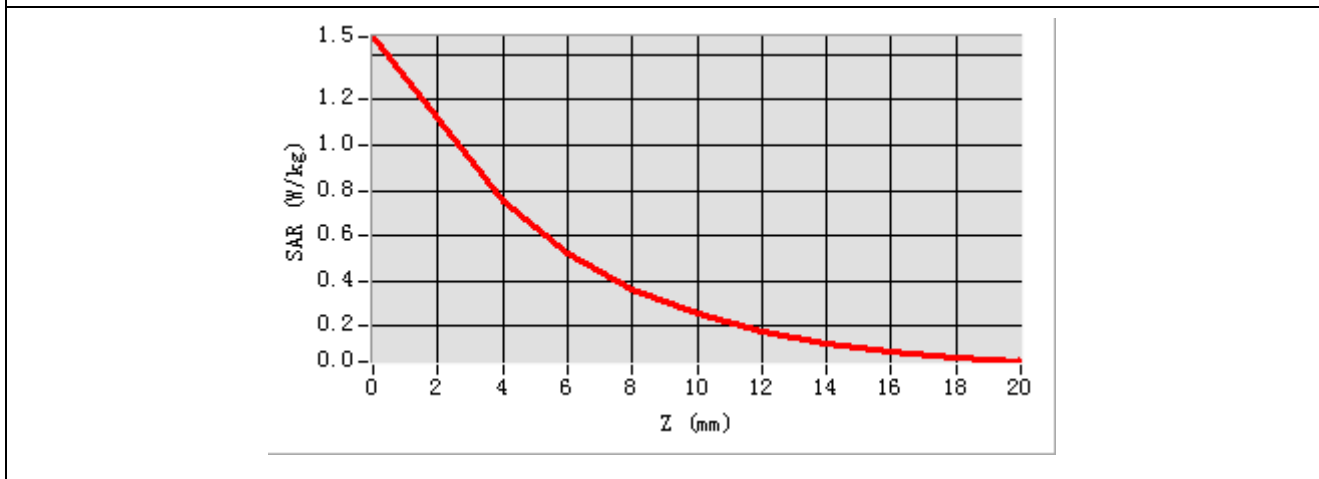
Maximum location: X=0.00, Y=-1.00

SAR Peak: 1.51 W/kg

SAR 10g (W/Kg)	0.263298
SAR 1g (W/Kg)	0.665728



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 04/09/2024

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

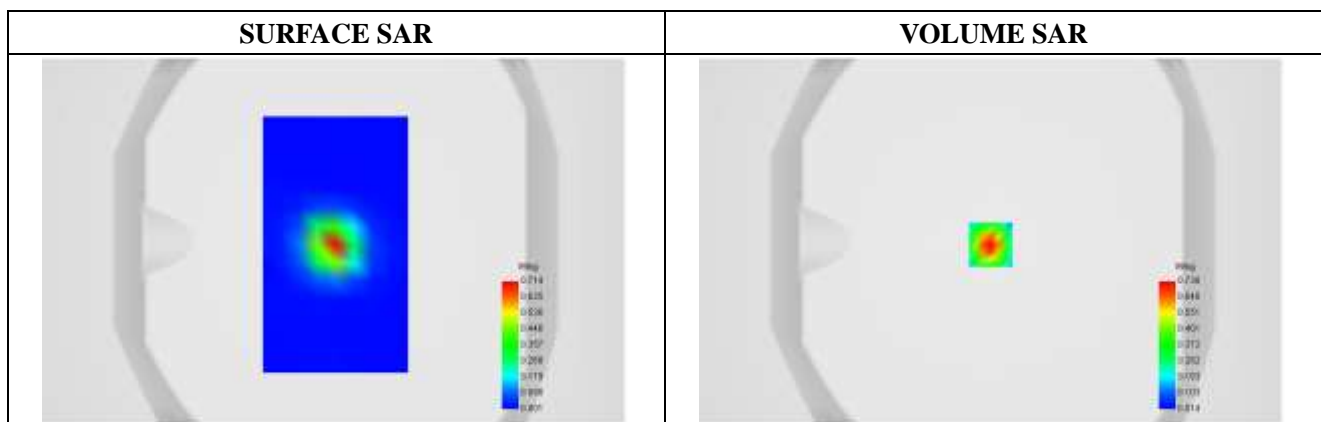
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.57
Conductivity (S/m)	2.84
Variation (%)	0.20

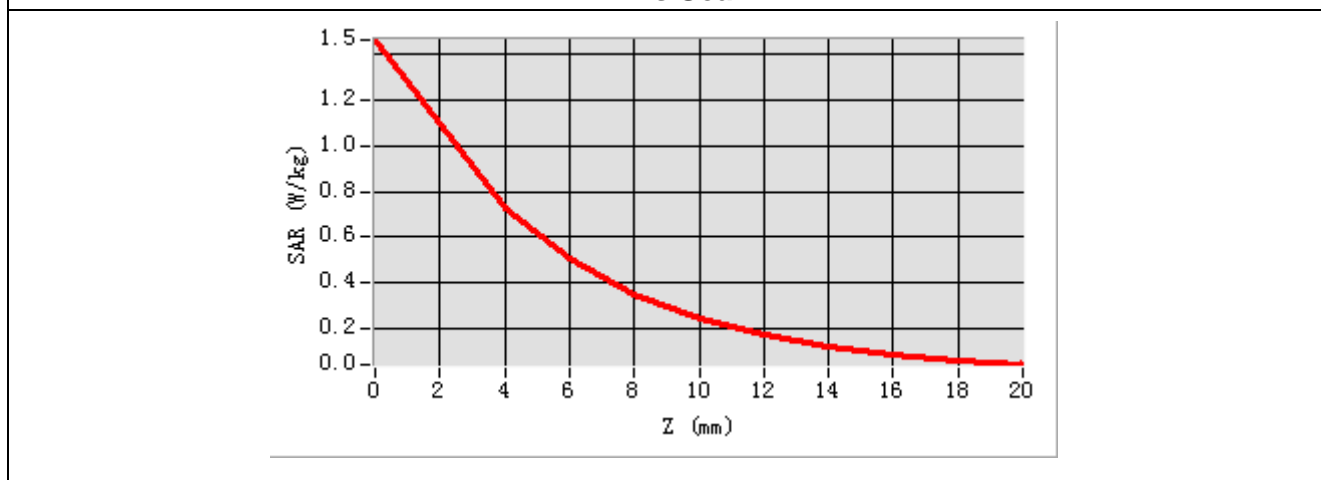
Maximum location: X=-1.00, Y=-2.00

SAR Peak: 1.46 W/kg

SAR 10g (W/Kg)	0.256630
SAR 1g (W/Kg)	0.644641



Z Axis Scan



System Performance Check (3700MHz)

Type: Validation measurement

Date of measurement: 03/20/2024

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	3700MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

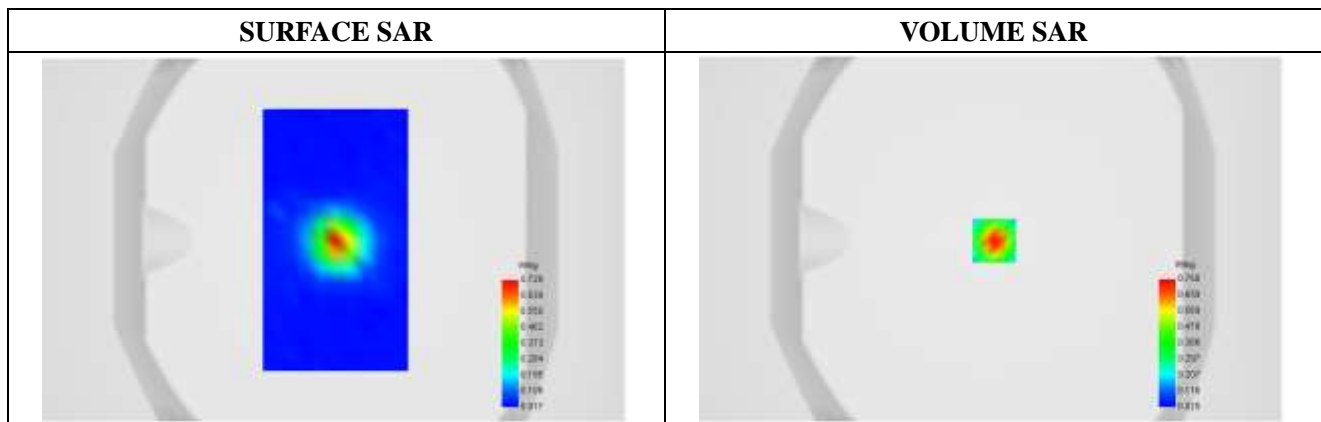
B. SAR Measurement Results

Frequency (MHz)	3700
Relative permittivity (real part)	37.28
Conductivity (S/m)	3.04
Variation (%)	-0.09

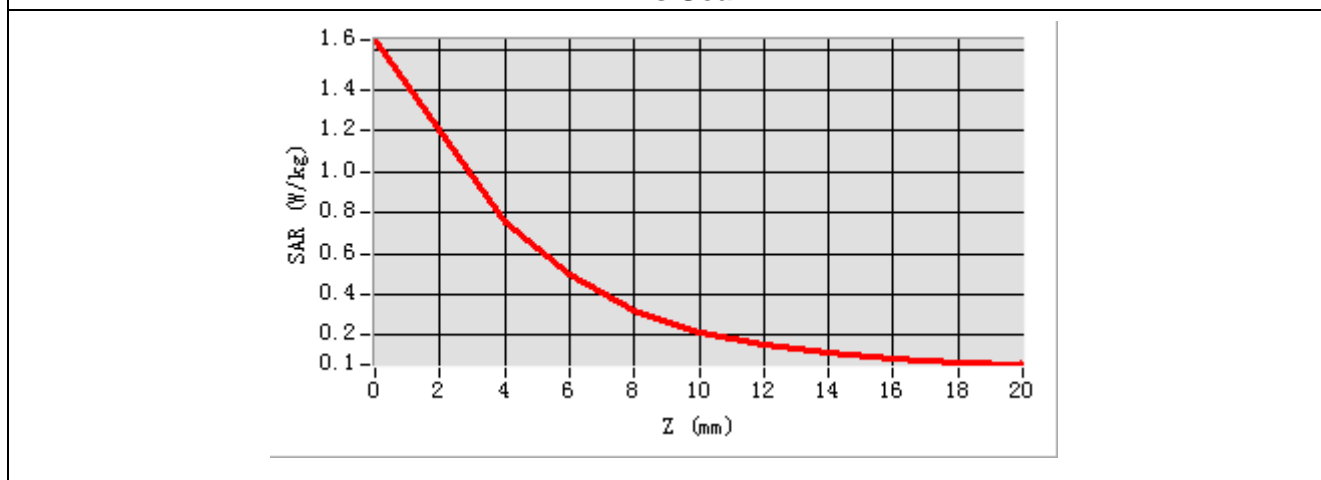
Maximum location: X=0.00, Y=1.00

SAR Peak: 1.64 W/kg

SAR 10g (W/Kg)	0.259214
SAR 1g (W/Kg)	0.681245



Z Axis Scan



System Performance Check (3700MHz)

Type: Validation measurement

Date of measurement: 04/08/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	3700MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

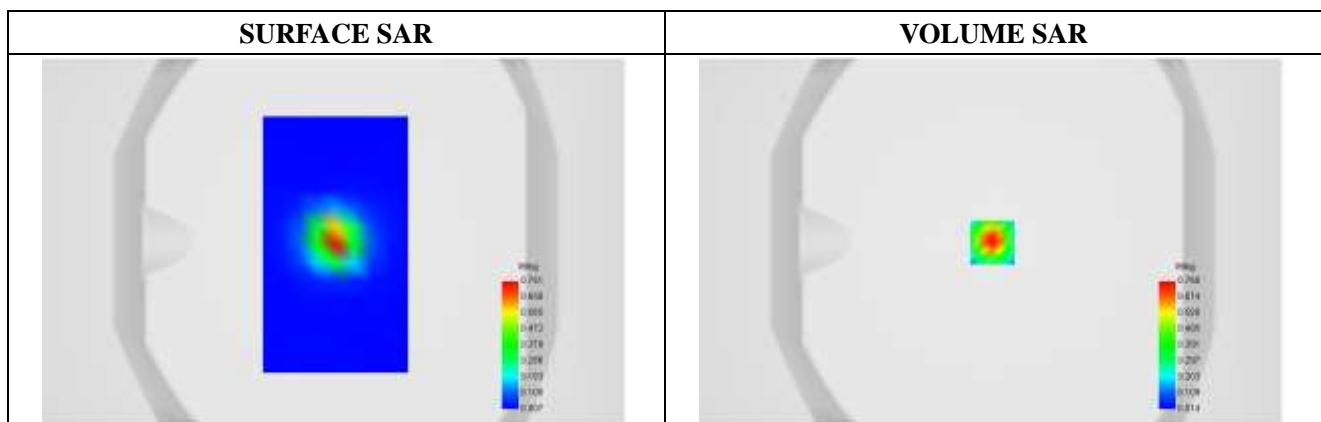
B. SAR Measurement Results

Frequency (MHz)	3700
Relative permittivity (real part)	38.11
Conductivity (S/m)	3.10
Variation (%)	0.59

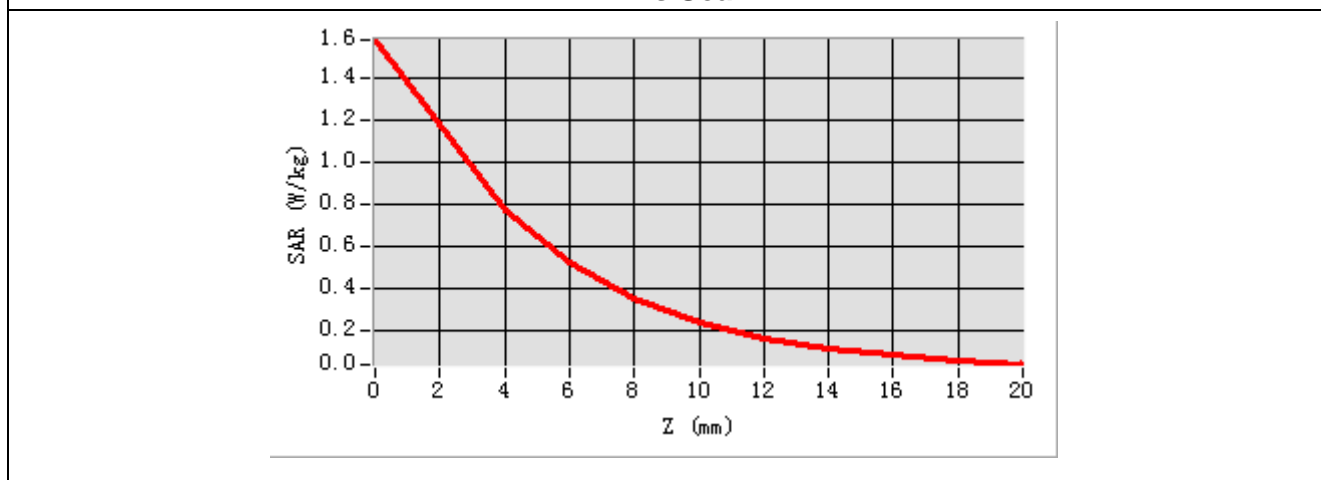
Maximum location: X=0.00, Y=-1.00

SAR Peak: 1.59 W/kg

SAR 10g (W/Kg)	0.266897
SAR 1g (W/Kg)	0.680915



Z Axis Scan



System Performance Check (3700MHz)

Type: Validation measurement

Date of measurement: 04/09/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	3700MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

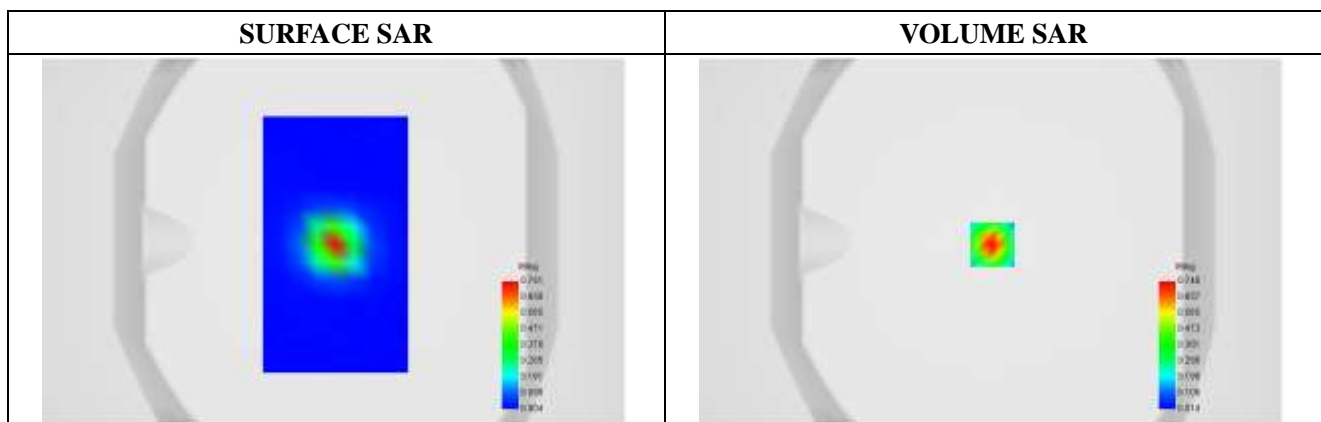
B. SAR Measurement Results

Frequency (MHz)	3700
Relative permittivity (real part)	38.18
Conductivity (S/m)	3.07
Variation (%)	0.09

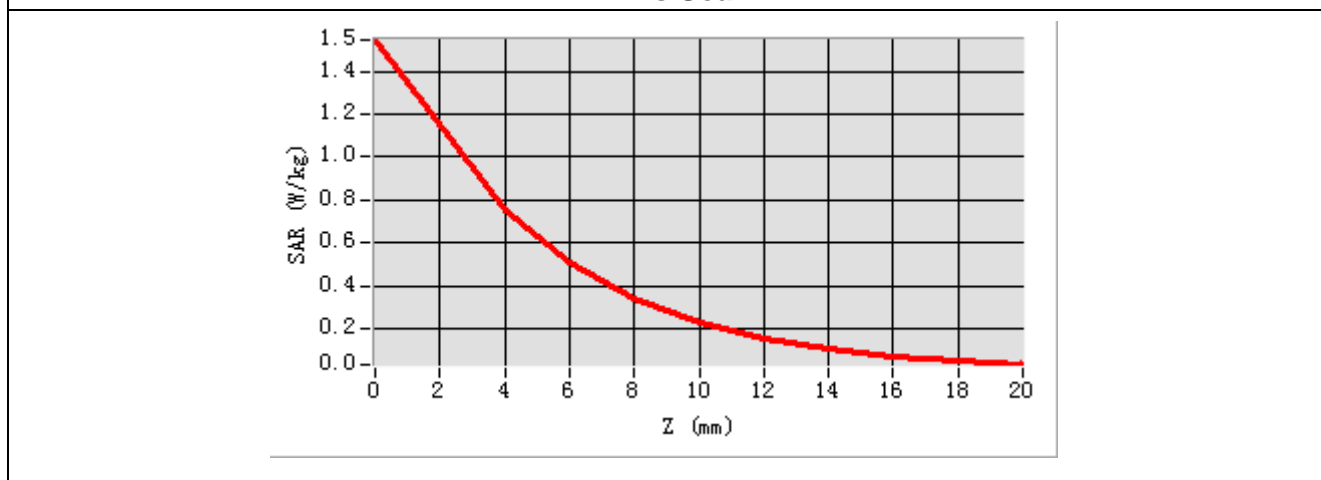
Maximum location: X=0.00, Y=-2.00

SAR Peak: 1.55 W/kg

SAR 10g (W/Kg)	0.255099
SAR 1g (W/Kg)	0.663091



Z Axis Scan



System Performance Check (3900MHz)

Type: Validation measurement

Date of measurement: 04/09/2024

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	3900MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

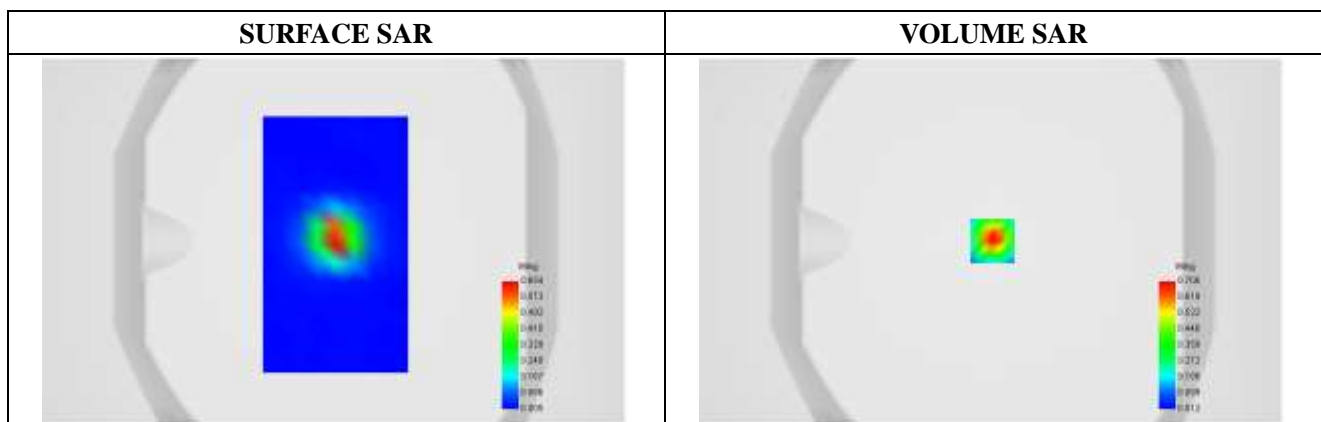
B. SAR Measurement Results

Frequency (MHz)	3900
Relative permittivity (real part)	37.61
Conductivity (S/m)	3.44
Variation (%)	-0.19

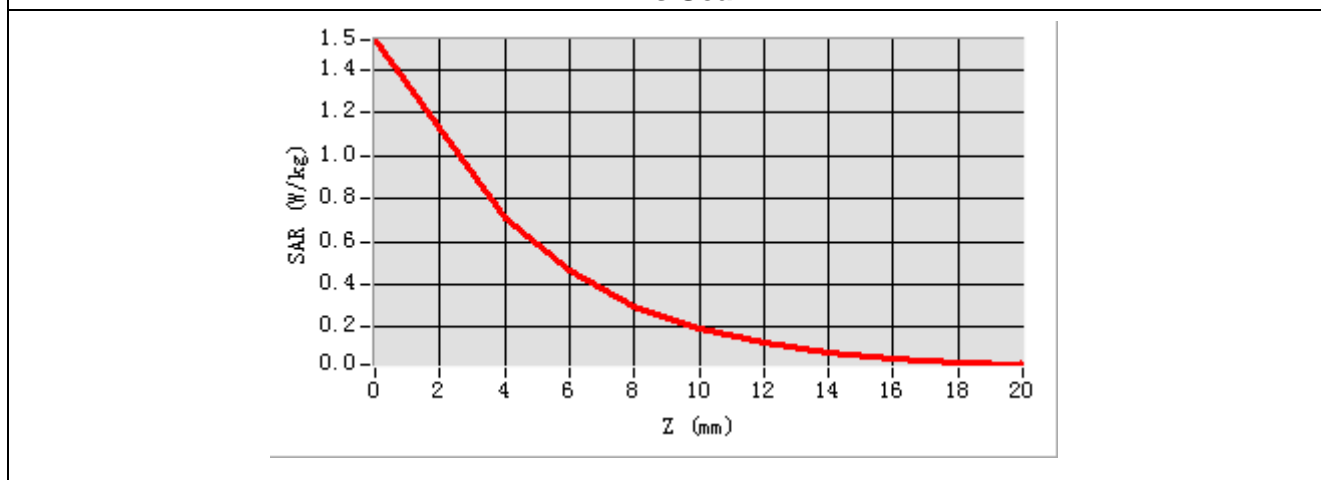
Maximum location: X=0.00, Y=0.00

SAR Peak: 1.53 W/kg

SAR 10g (W/Kg)	0.234902
SAR 1g (W/Kg)	0.648082



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 03/17/2024

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)

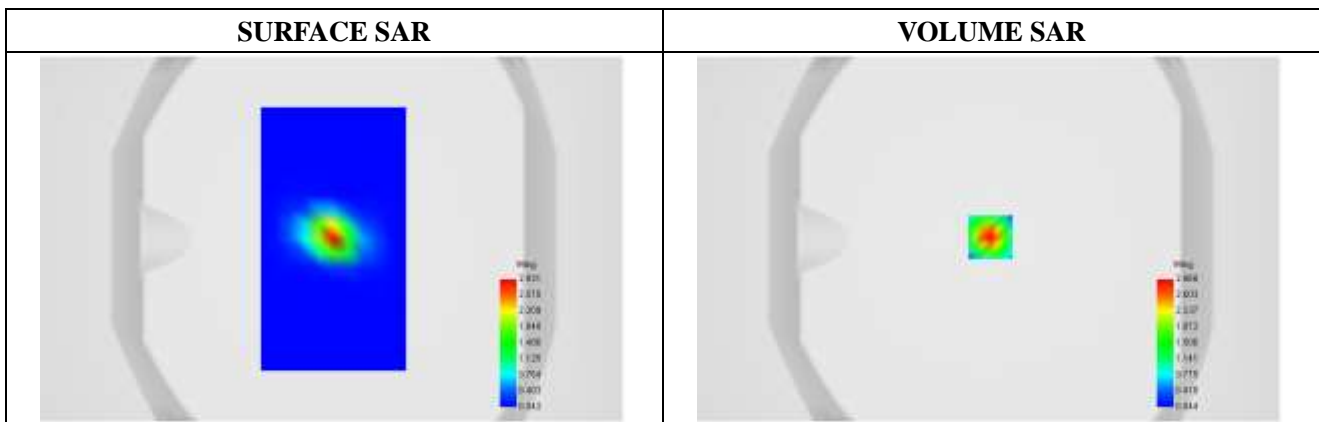
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	35.90
Conductivity (S/m)	4.69
Variation (%)	-0.26

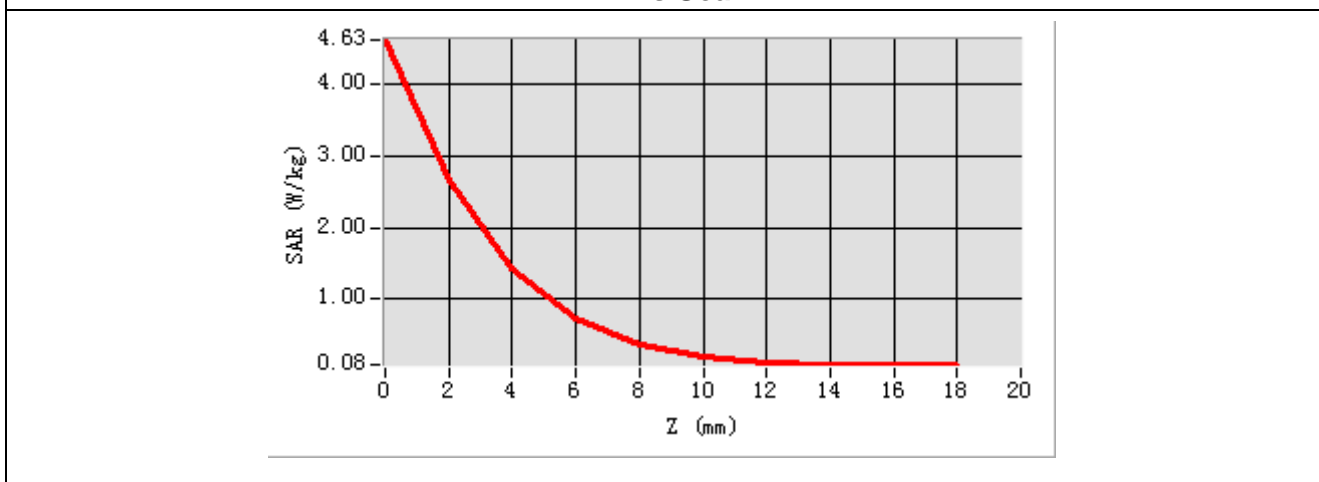
Maximum location: X=0.00, Y=1.00

SAR Peak: 4.63 W/kg

SAR 10g (W/Kg)	0.556163
SAR 1g (W/Kg)	1.542649



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 04/16/2024

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)

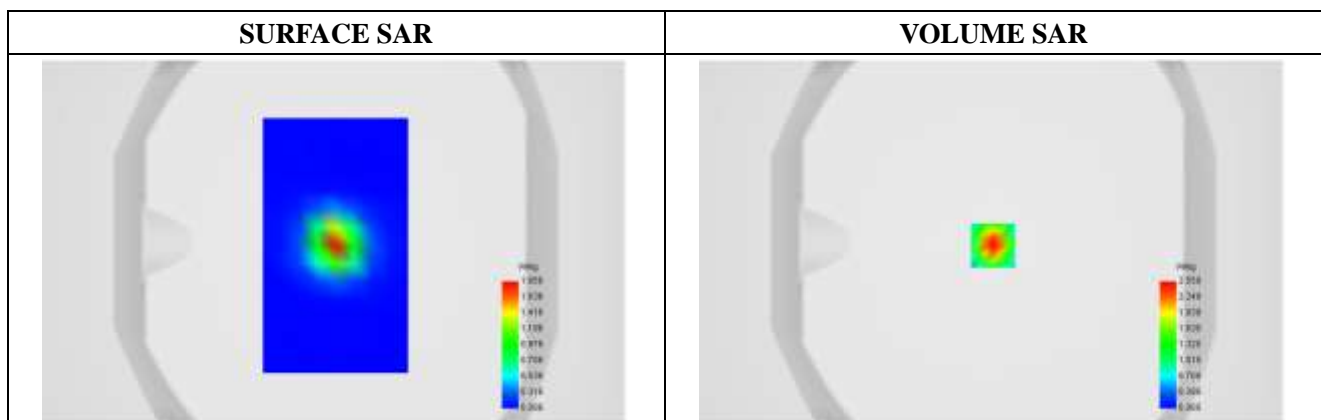
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	35.72
Conductivity (S/m)	4.84
Variation (%)	-0.42

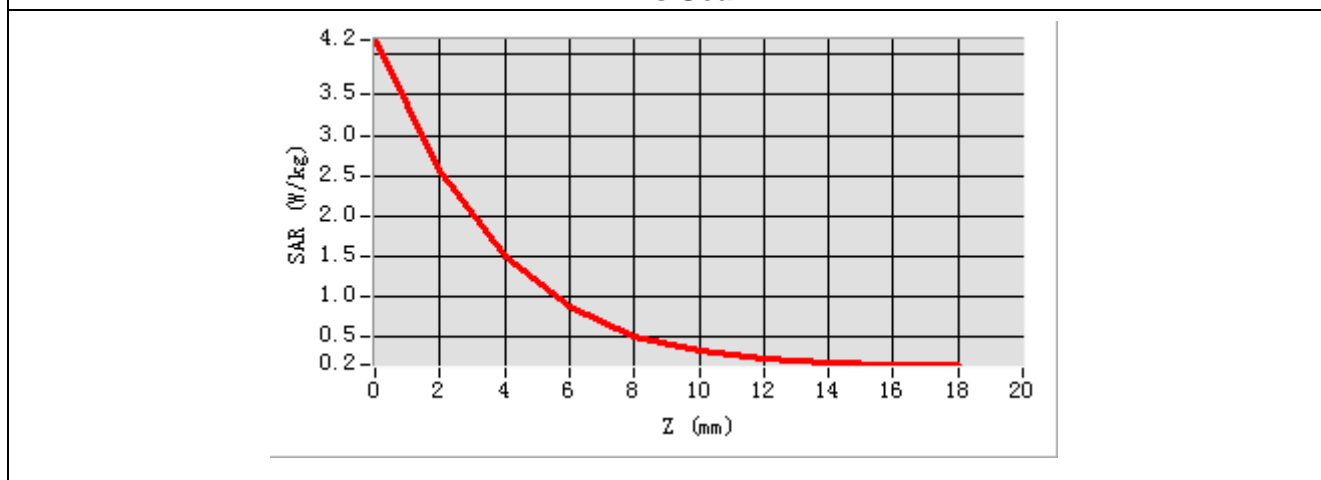
Maximum location: X=0.00, Y=-1.00

SAR Peak: 4.18 W/kg

SAR 10g (W/Kg)	0.542757
SAR 1g (W/Kg)	1.487128



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 03/17/2024

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)

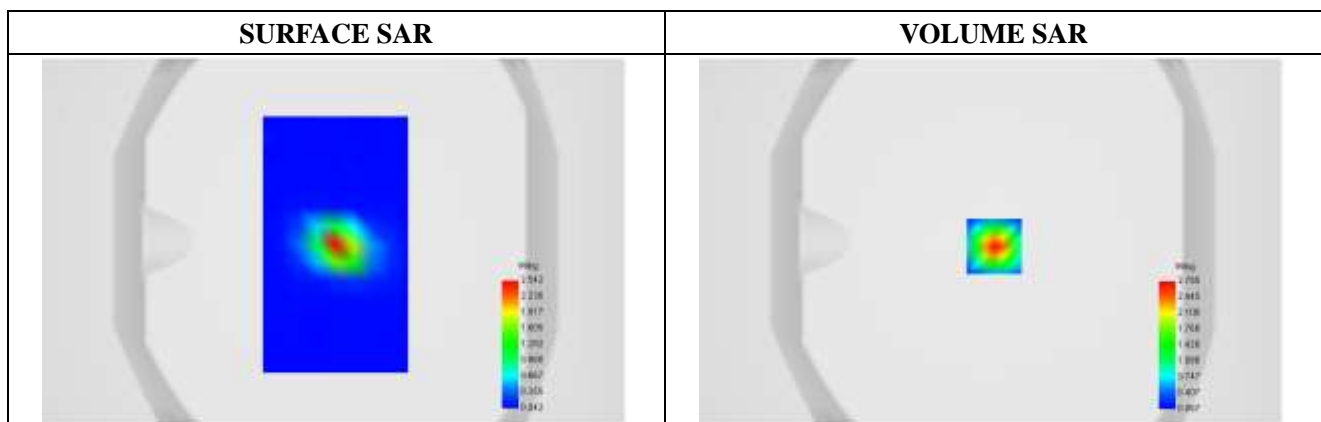
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	35.59
Conductivity (S/m)	4.93
Variation (%)	-0.08

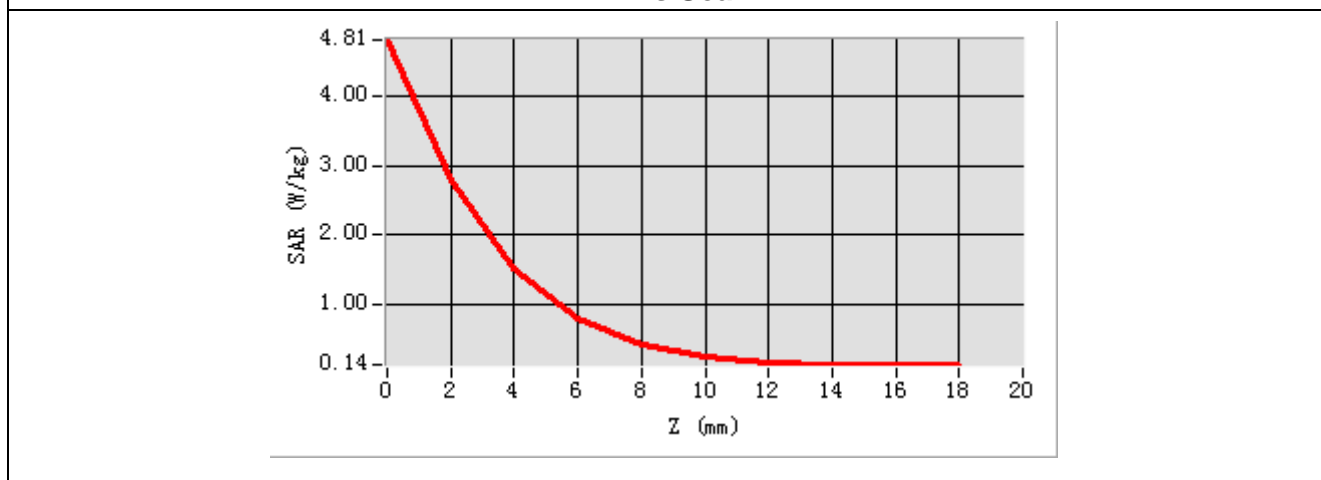
Maximum location: X=2.00, Y=-4.00

SAR Peak: 4.81 W/kg

SAR 10g (W/Kg)	0.538815
SAR 1g (W/Kg)	1.587412



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 04/16/2024

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)

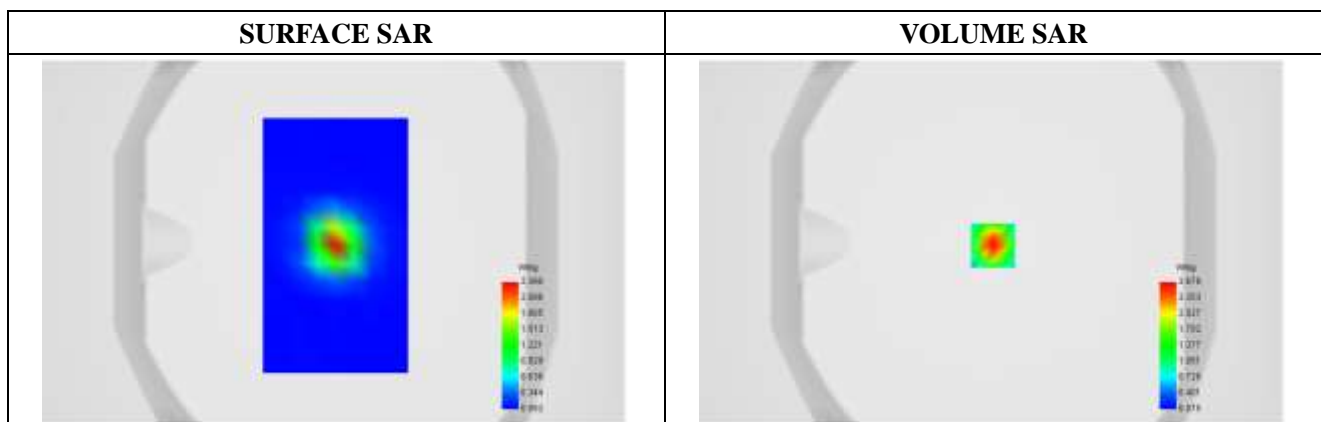
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	35.16
Conductivity (S/m)	5.02
Variation (%)	0.44

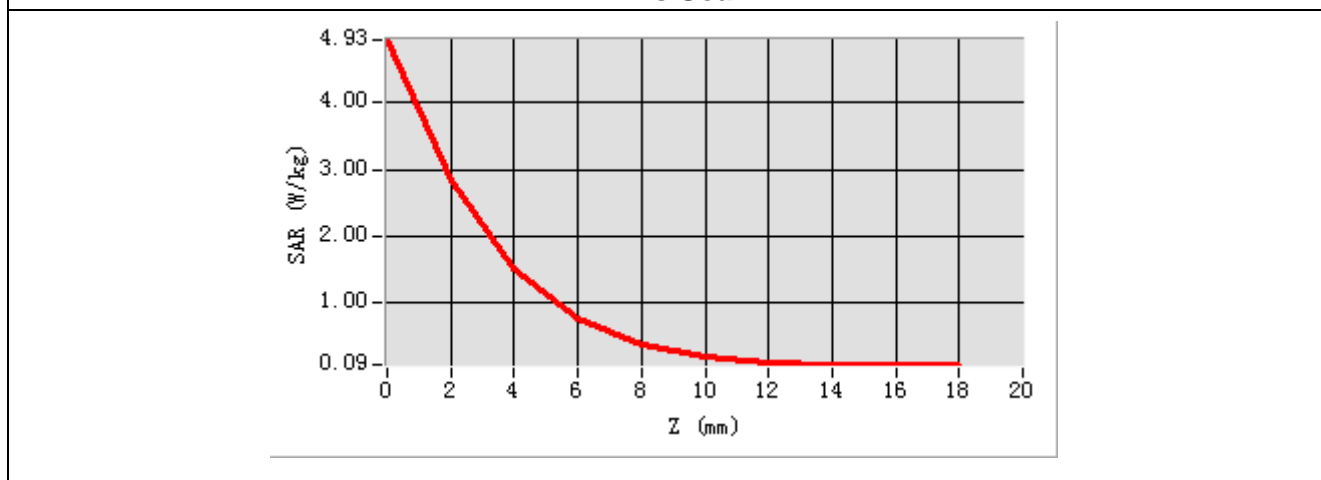
Maximum location: X=0.00, Y=-2.00

SAR Peak: 4.92 W/kg

SAR 10g (W/Kg)	0.570072
SAR 1g (W/Kg)	1.553926



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 03/18/2024

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)

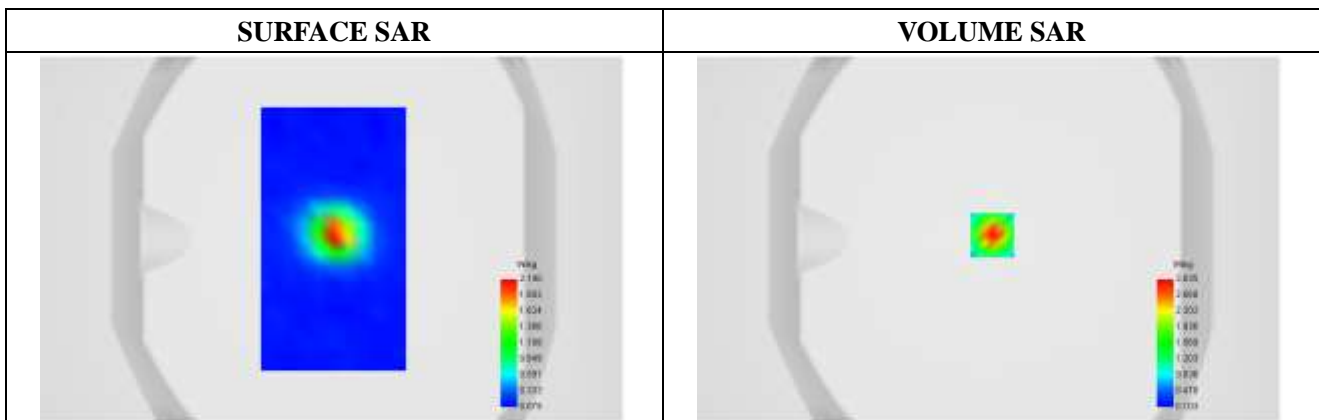
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.03
Conductivity (S/m)	5.13
Variation (%)	0.52

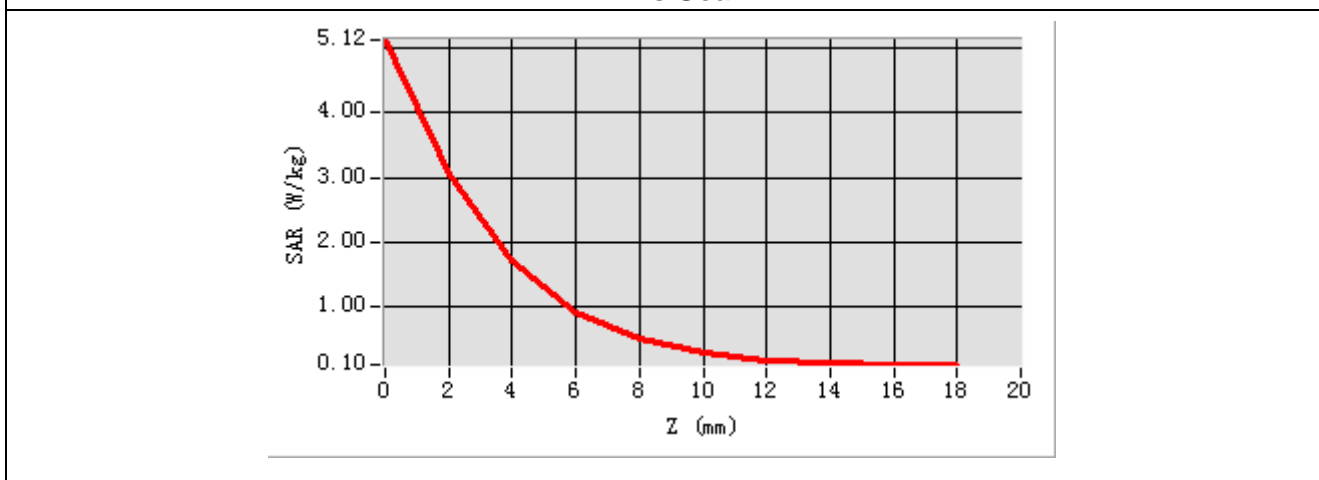
Maximum location: X=1.00, Y=2.00

SAR Peak: 5.12 W/kg

SAR 10g (W/Kg)	0.592685
SAR 1g (W/Kg)	1.699152



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 04/17/2024

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)

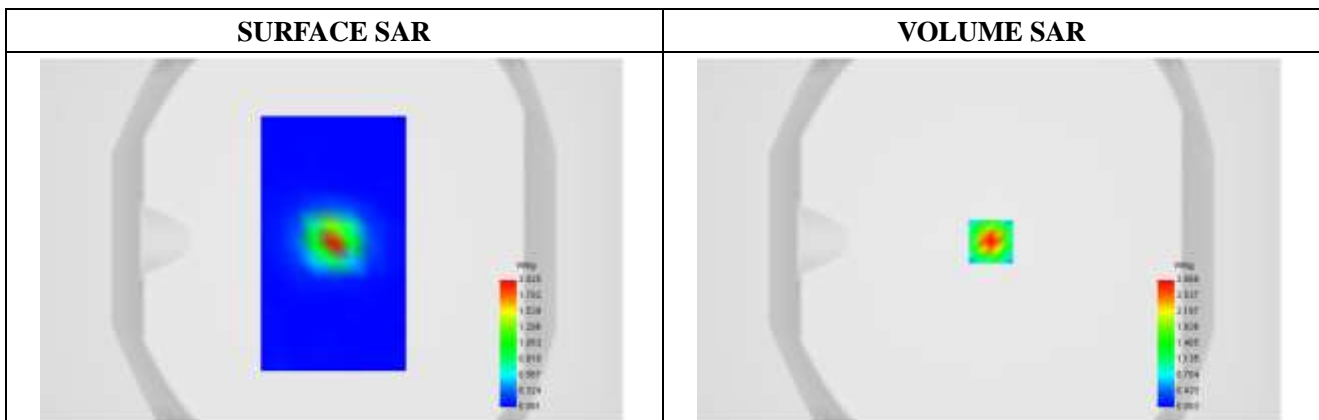
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.41
Conductivity (S/m)	5.21
Variation (%)	0.24

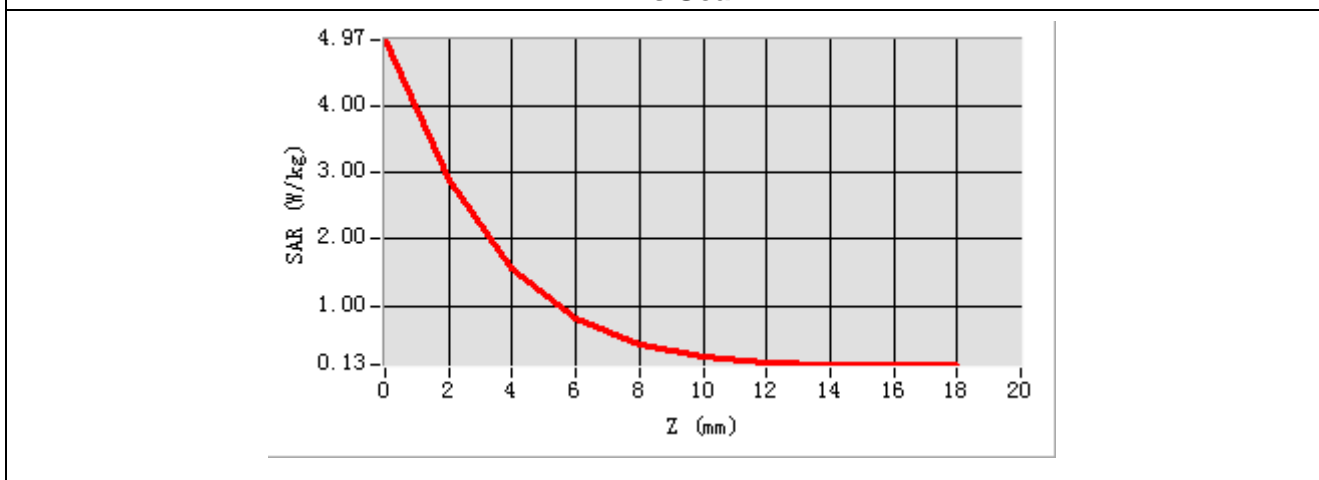
Maximum location: X=0.00, Y=-1.00

SAR Peak: 4.97 W/kg

SAR 10g (W/Kg)	0.549707
SAR 1g (W/Kg)	1.609881



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 03/18/2024

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)

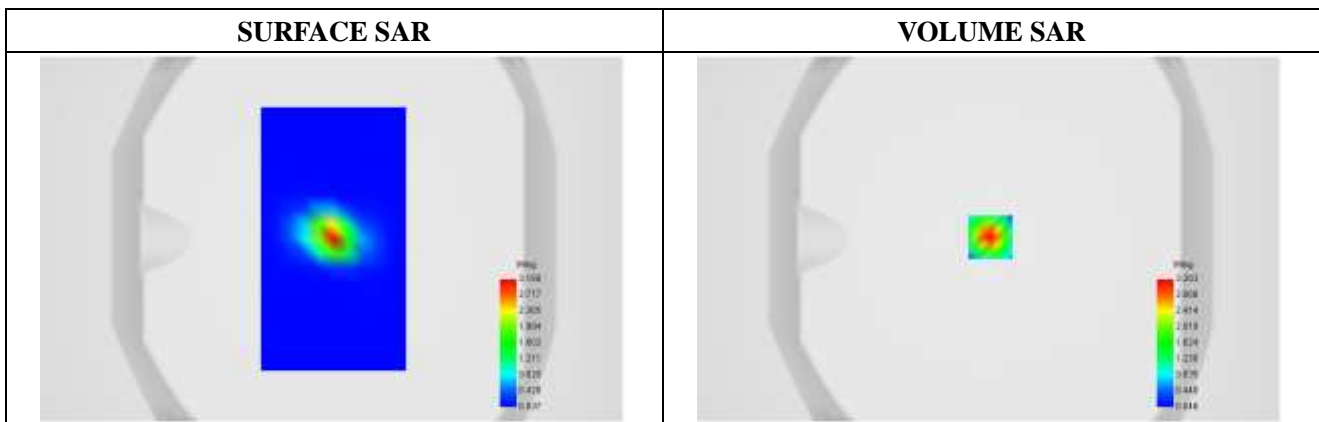
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	34.75
Conductivity (S/m)	5.34
Variation (%)	0.20

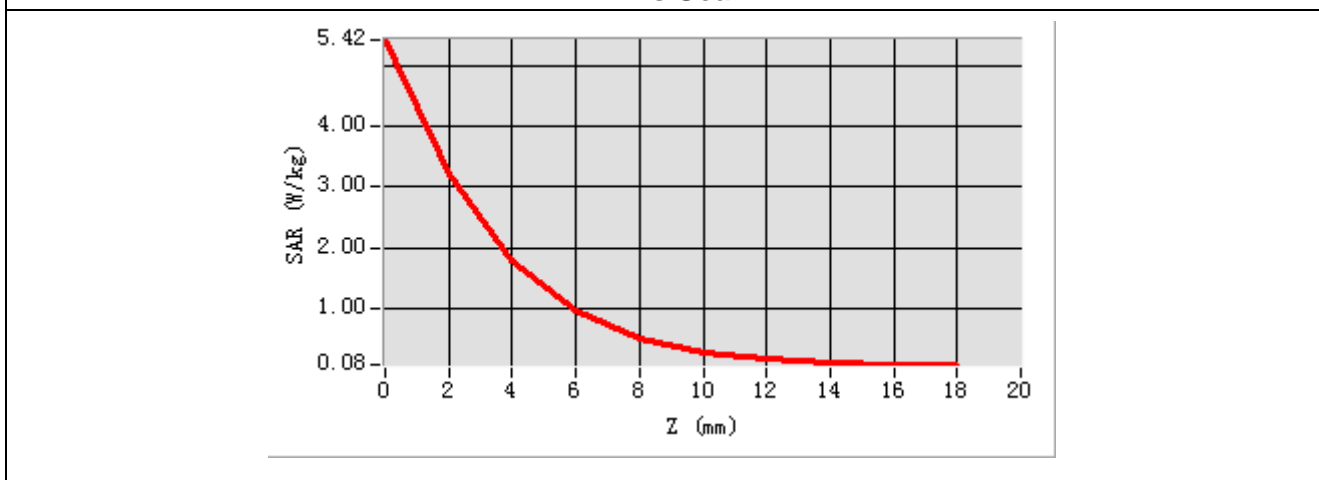
Maximum location: X=0.00, Y=1.00

SAR Peak: 5.42 W/kg

SAR 10g (W/Kg)	0.582867
SAR 1g (W/Kg)	1.763014



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 04/17/2024

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)

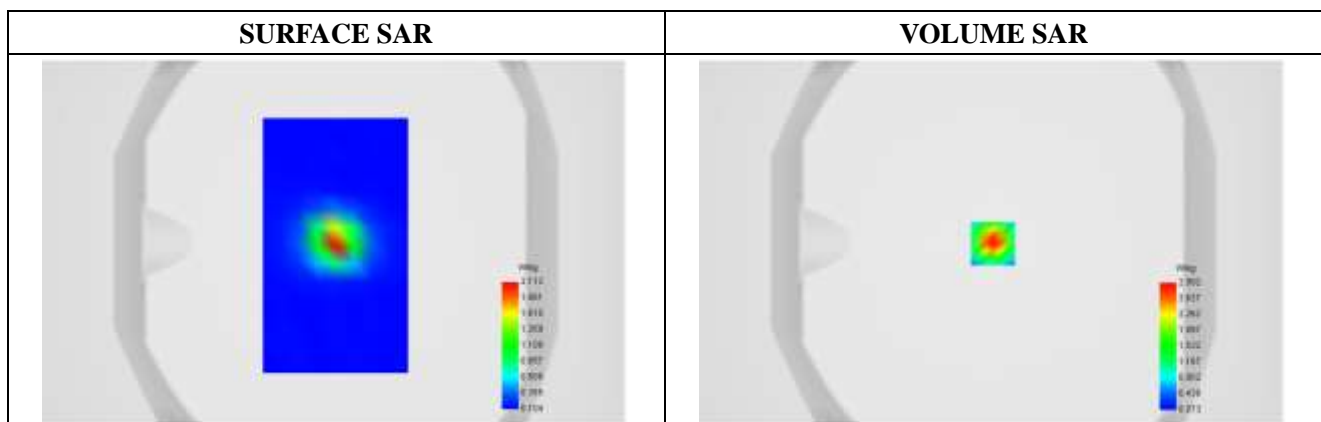
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	34.91
Conductivity (S/m)	5.38
Variation (%)	-0.02

Maximum location: X=0.00, Y=-1.00

SAR Peak: 5.23 W/kg

SAR 10g (W/Kg)	0.567535
SAR 1g (W/Kg)	1.691838



Z Axis Scan

