



System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 06/11/2024

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)

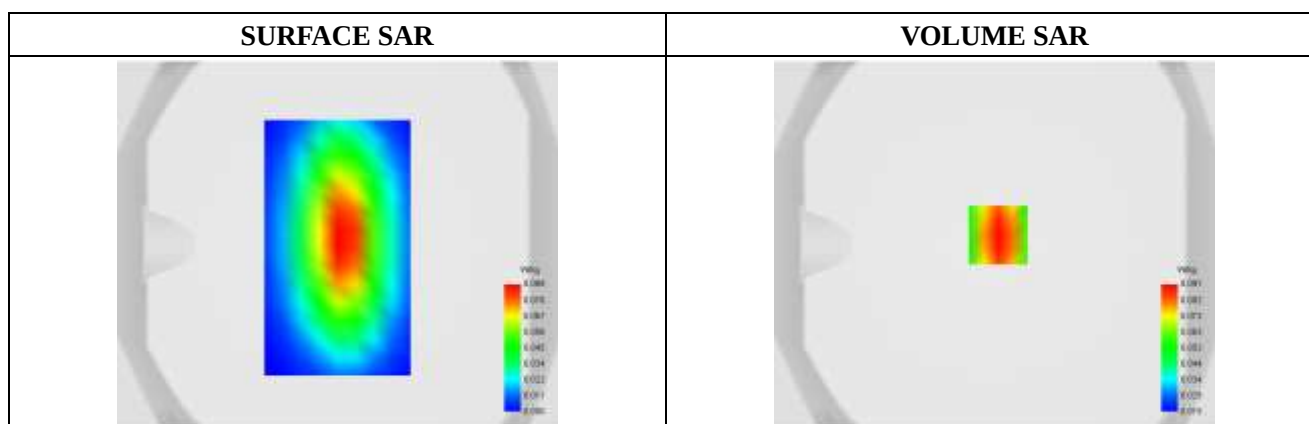
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	42.66
Conductivity (S/m)	0.88
Variation (%)	0.09

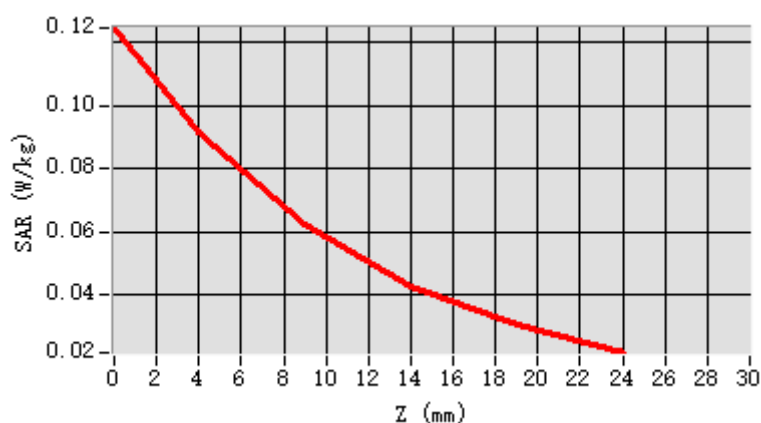
Maximum location: X=2.00, Y=5.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.057957
SAR 1g (W/Kg)	0.087836



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 06/15/2024

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)

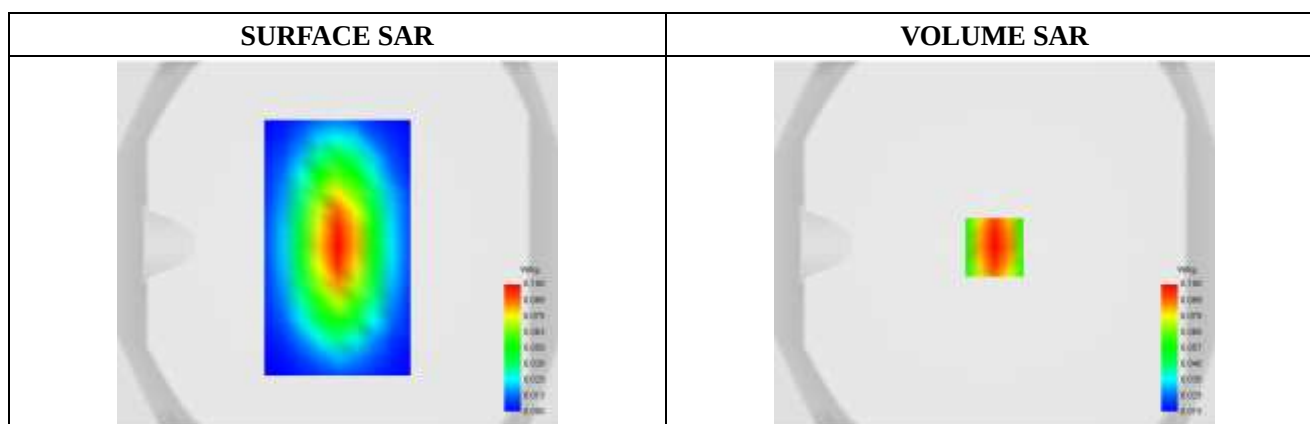
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	42.37
Conductivity (S/m)	0.92
Variation (%)	0.20

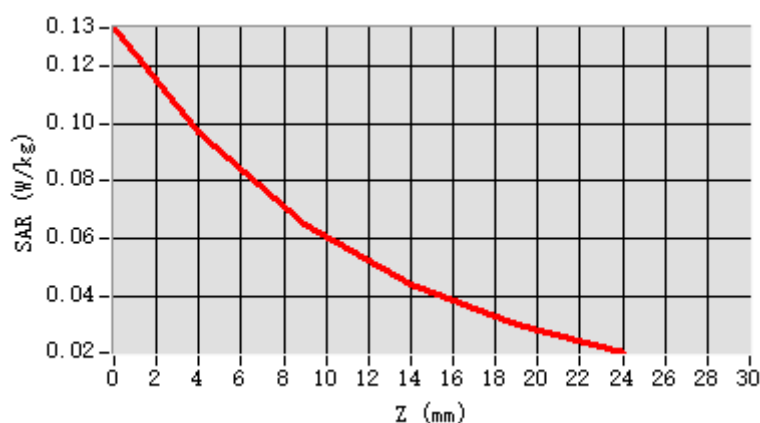
Maximum location: X=0.00, Y=-2.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.060910
SAR 1g (W/Kg)	0.096185



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 06/19/2024

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

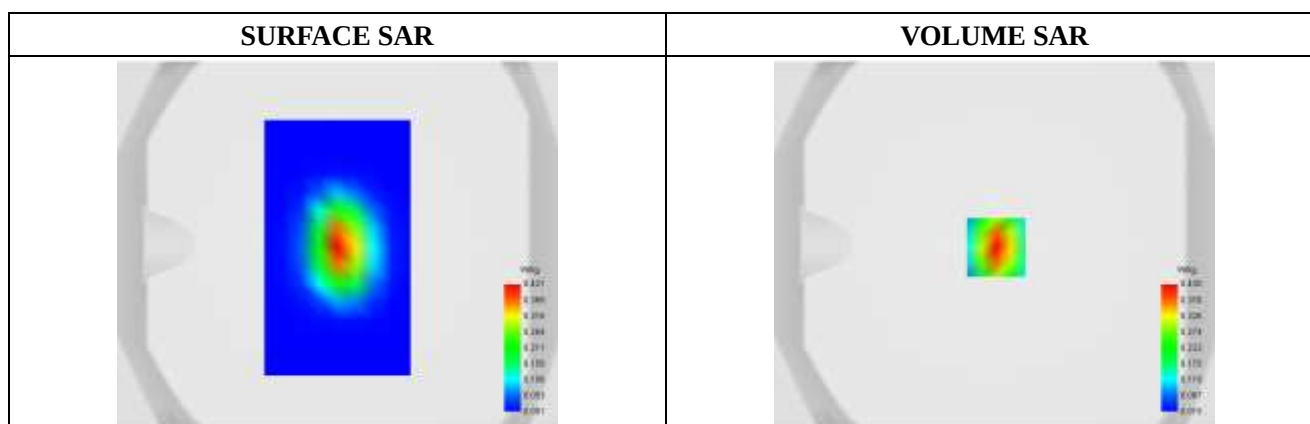
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.39
Conductivity (S/m)	1.41
Variation (%)	-0.70

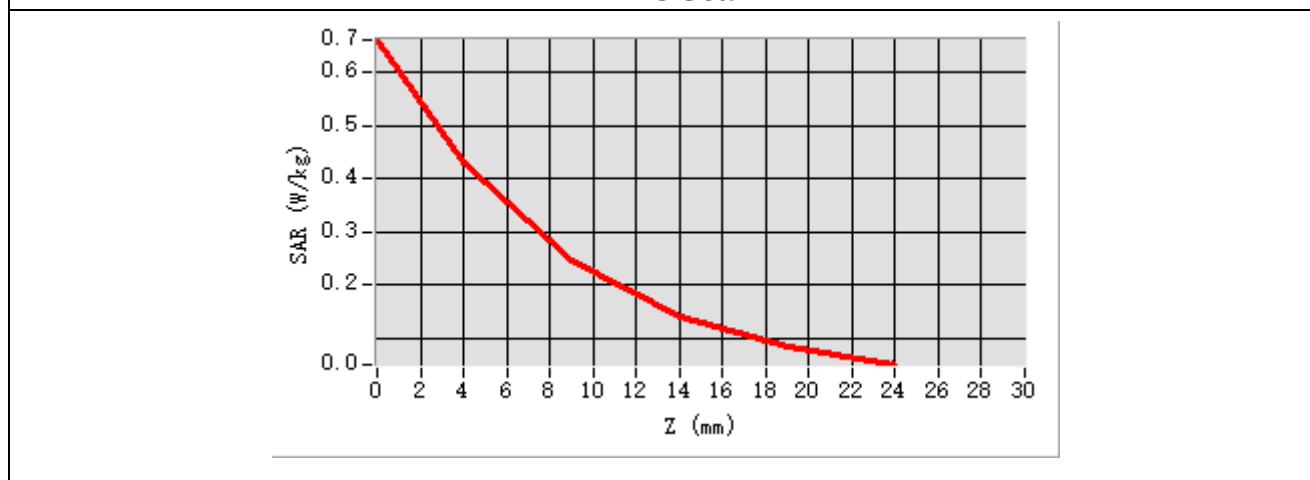
Maximum location: X=1.00, Y=-2.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.209608
SAR 1g (W/Kg)	0.396377



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 06/14/2024

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)

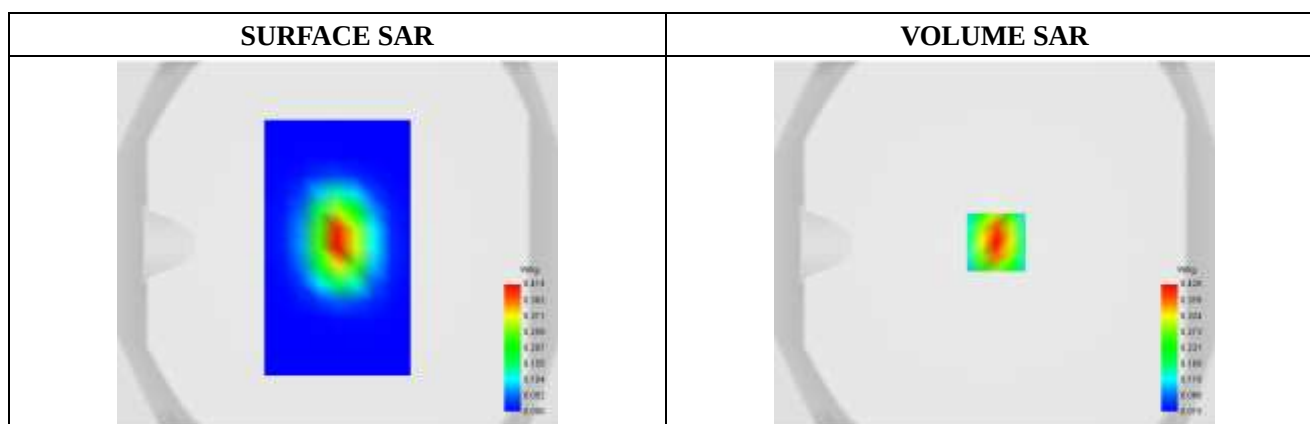
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.38
Variation (%)	-0.06

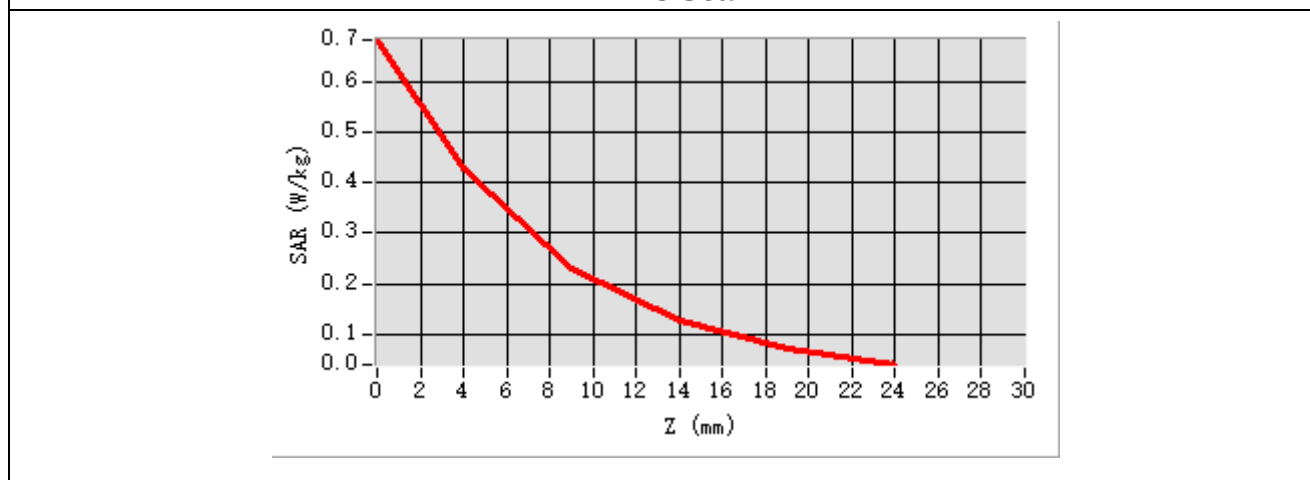
Maximum location: X=1.00, Y=1.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.204229
SAR 1g (W/Kg)	0.395316



Z Axis Scan





System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 06/18/2024

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)

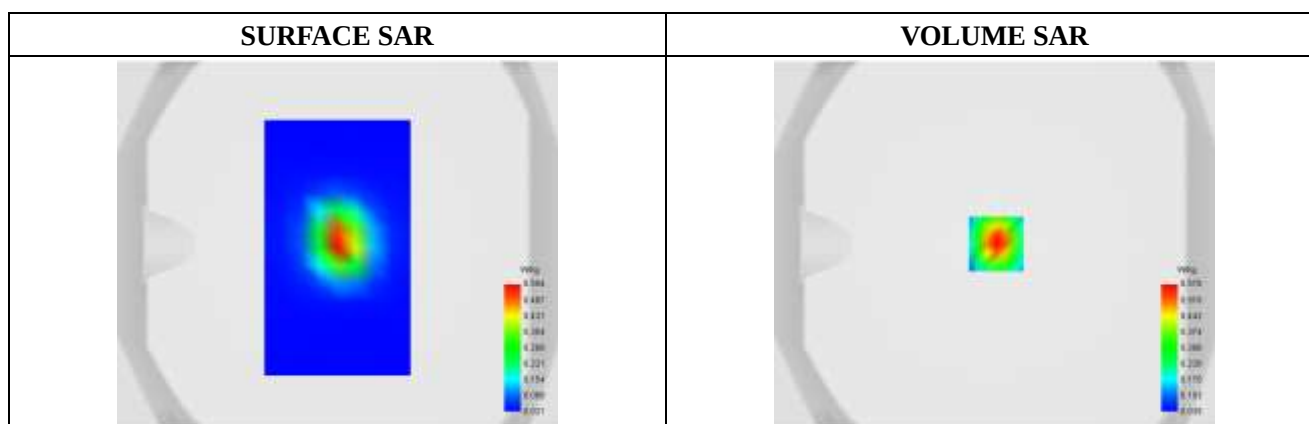
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	39.57
Conductivity (S/m)	1.81
Variation (%)	0.06

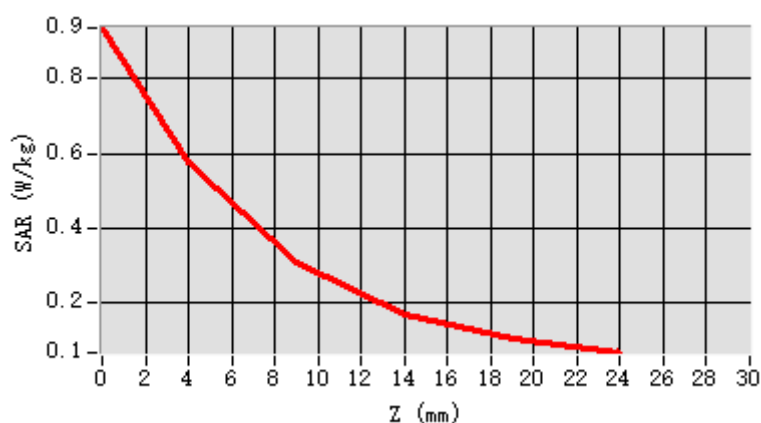
Maximum location: X=1.00, Y=0.00

SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)	0.249805
SAR 1g (W/Kg)	0.531894



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 06/20/2024

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)

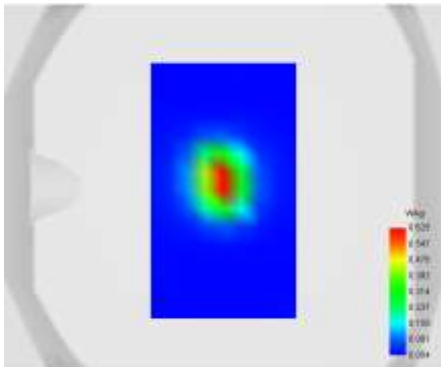
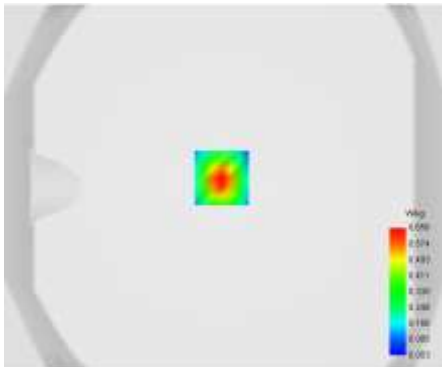
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.81
Conductivity (S/m)	1.98
Variation (%)	-0.19

Maximum location: X=-1.00, Y=5.00

SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.265270
SAR 1g (W/Kg)	0.598605

SURFACE SAR	VOLUME SAR
	

Z Axis Scan

