



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 07/16/2024

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)

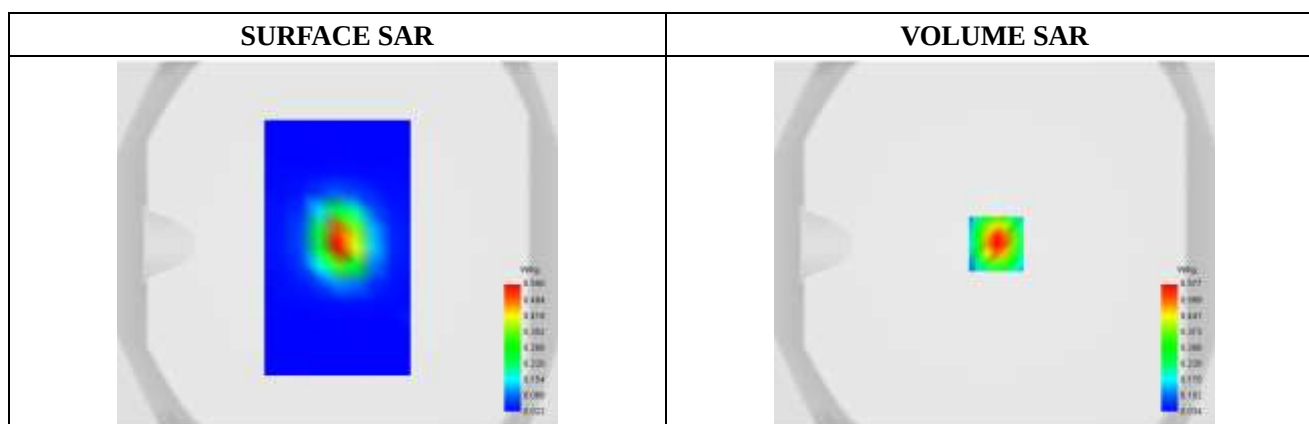
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.93
Conductivity (S/m)	1.77
Variation (%)	0.24

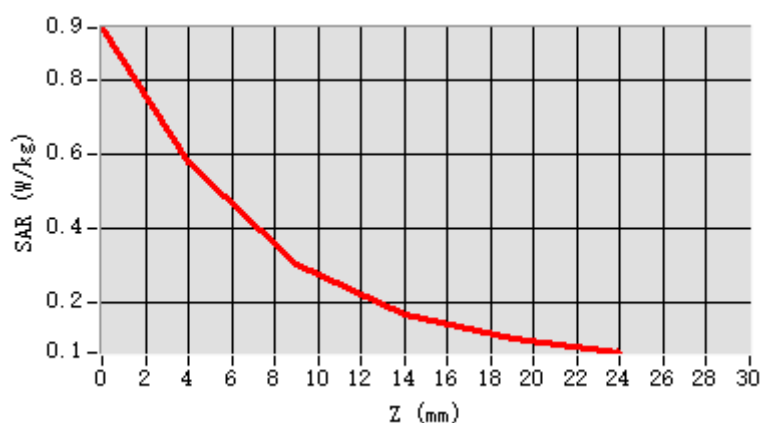
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.252355
SAR 1g (W/Kg)	0.531668



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 07/12/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
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)

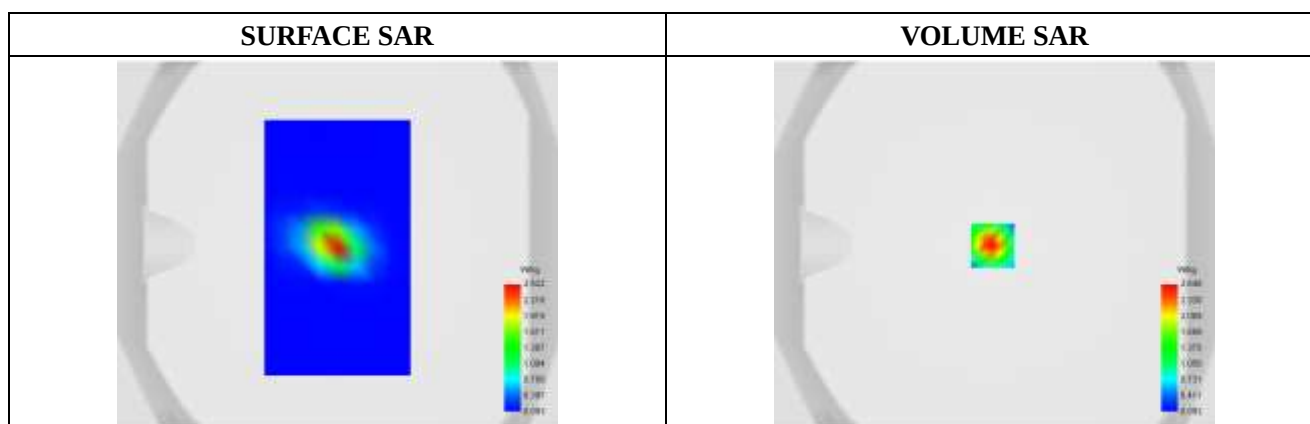
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	35.73
Conductivity (S/m)	4.67
Variation (%)	0.17

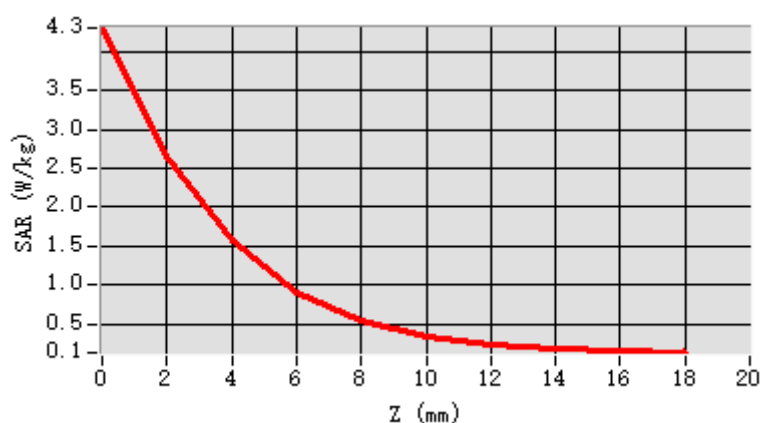
Maximum location: X=-1.00, Y=-1.00

SAR Peak: 4.31 W/kg

SAR 10g (W/Kg)	0.551621
SAR 1g (W/Kg)	1.502784



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 07/12/2024

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)

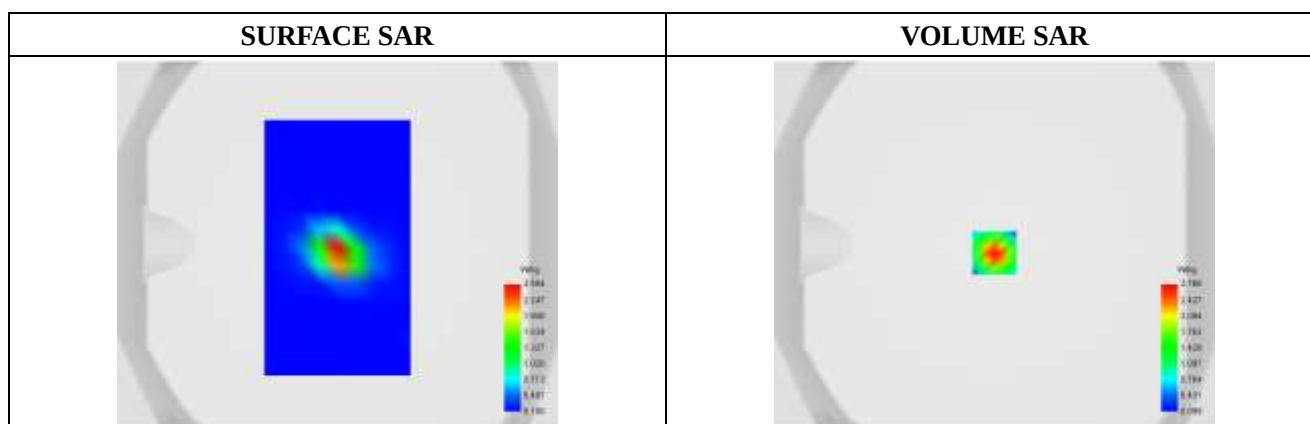
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	35.41
Conductivity (S/m)	4.98
Variation (%)	-0.16

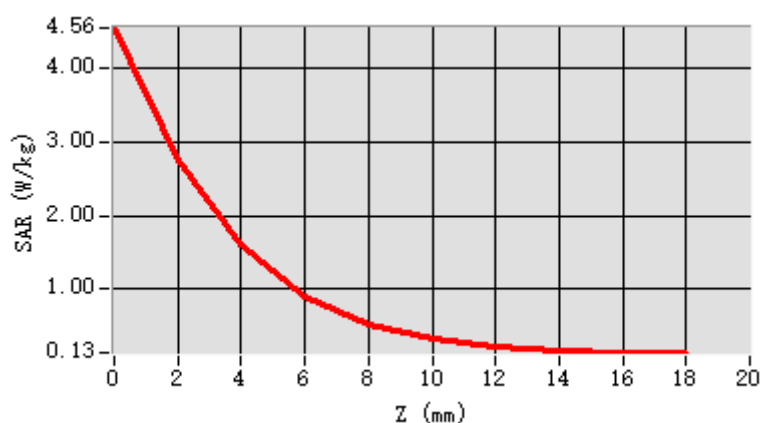
Maximum location: X=0.00, Y=-5.00

SAR Peak: 4.56 W/kg

SAR 10g (W/Kg)	0.560738
SAR 1g (W/Kg)	1.563081



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 07/14/2024

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)

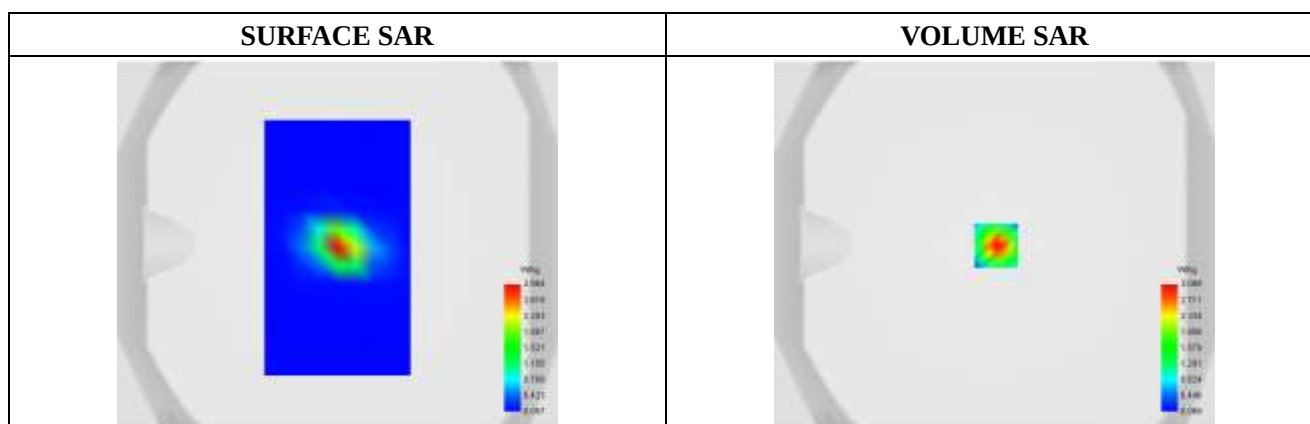
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.08
Conductivity (S/m)	5.15
Variation (%)	0.26

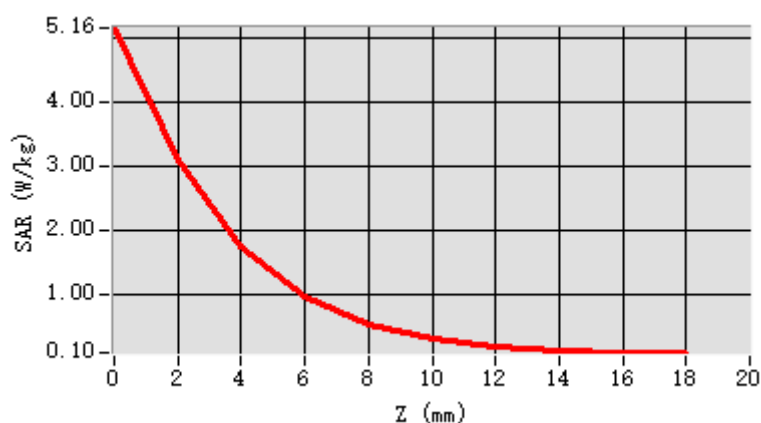
Maximum location: X=1.00, Y=-1.00

SAR Peak: 5.16 W/kg

SAR 10g (W/Kg)	0.587259
SAR 1g (W/Kg)	1.703930



Z Axis Scan





System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 07/13/2024

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)

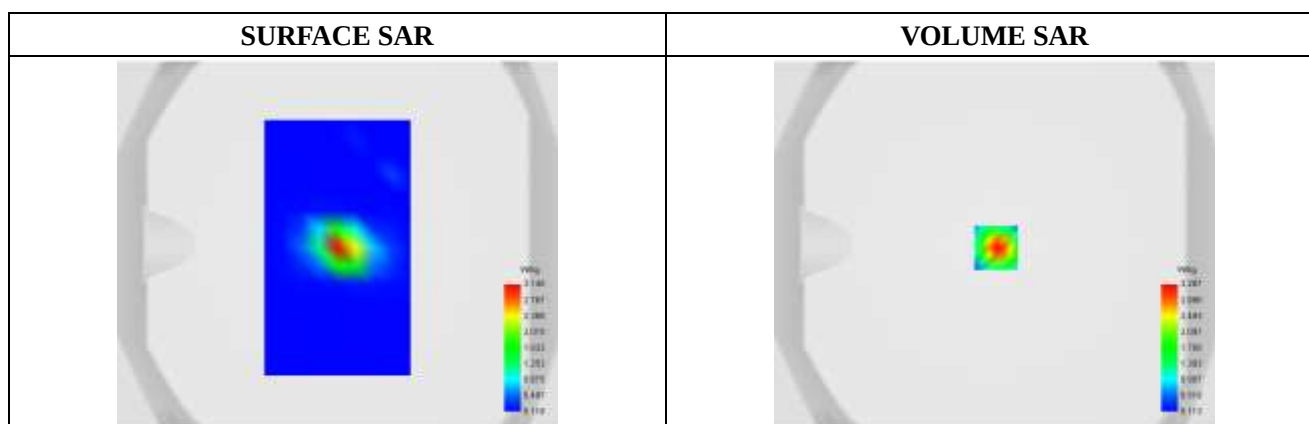
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	34.61
Conductivity (S/m)	5.39
Variation (%)	-0.50

Maximum location: X=1.00, Y=-3.00

SAR Peak: 5.64 W/kg

SAR 10g (W/Kg)	0.639132
SAR 1g (W/Kg)	1.792954



Z Axis Scan

