



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 09/22/2024

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)

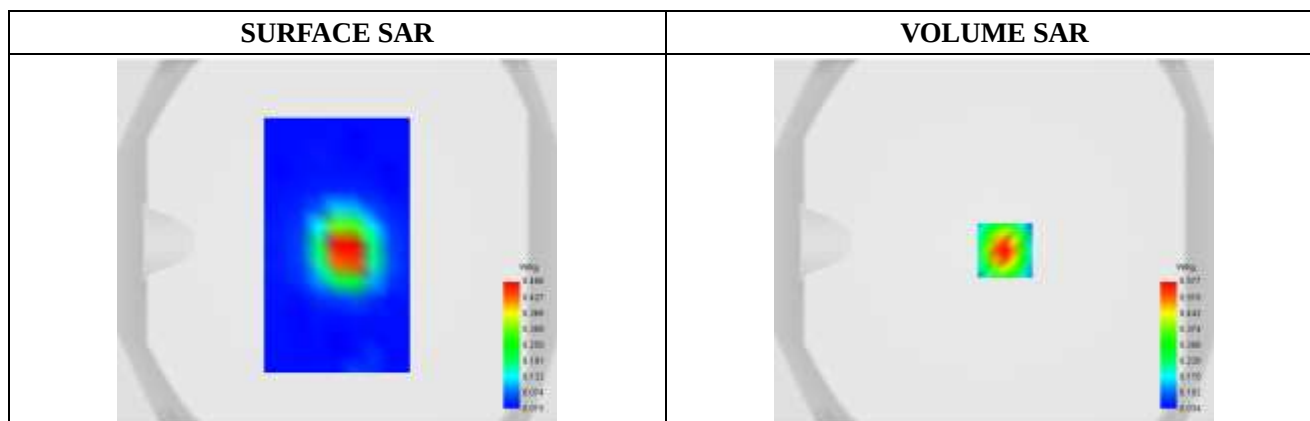
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.96
Conductivity (S/m)	1.77
Variation (%)	0.11

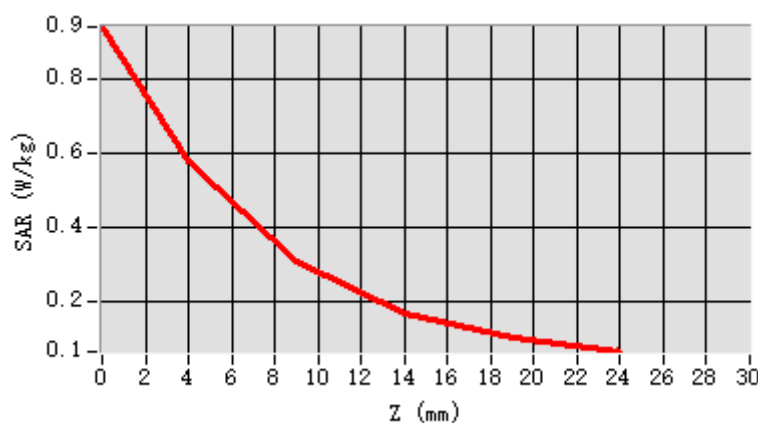
Maximum location: X=6.00, Y=-5.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.256674
SAR 1g (W/Kg)	0.537130



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 09/20/2024

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)

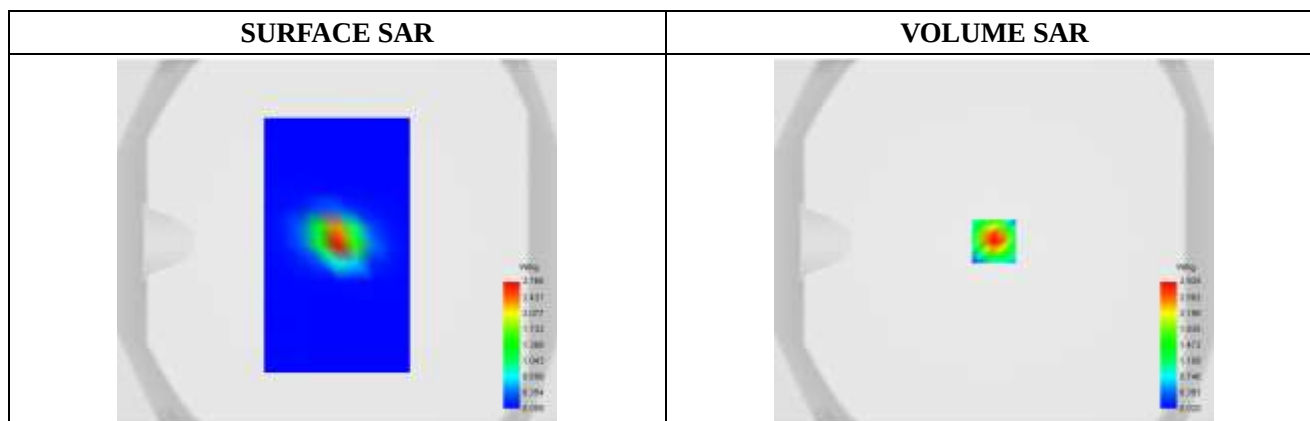
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.87
Conductivity (S/m)	4.64
Variation (%)	0.90

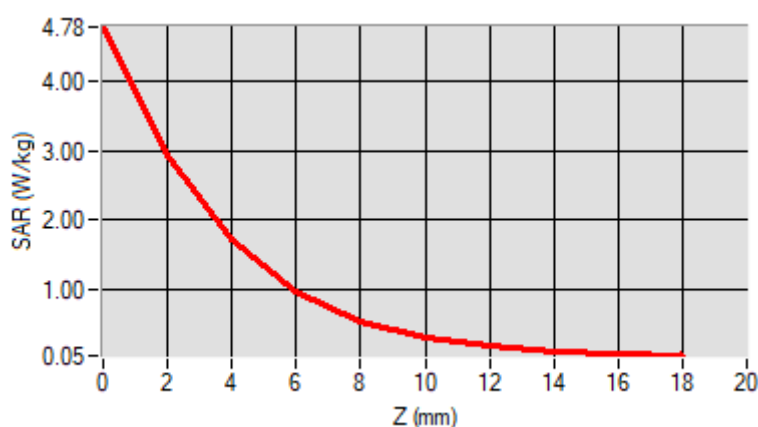
Maximum location: X=0.00, Y=0.00

SAR Peak: 4.78 W/kg

SAR 10g (W/Kg)	0.548140
SAR 1g (W/Kg)	1.625785



Z Axis Scan





System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 09/19/2024

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	5800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

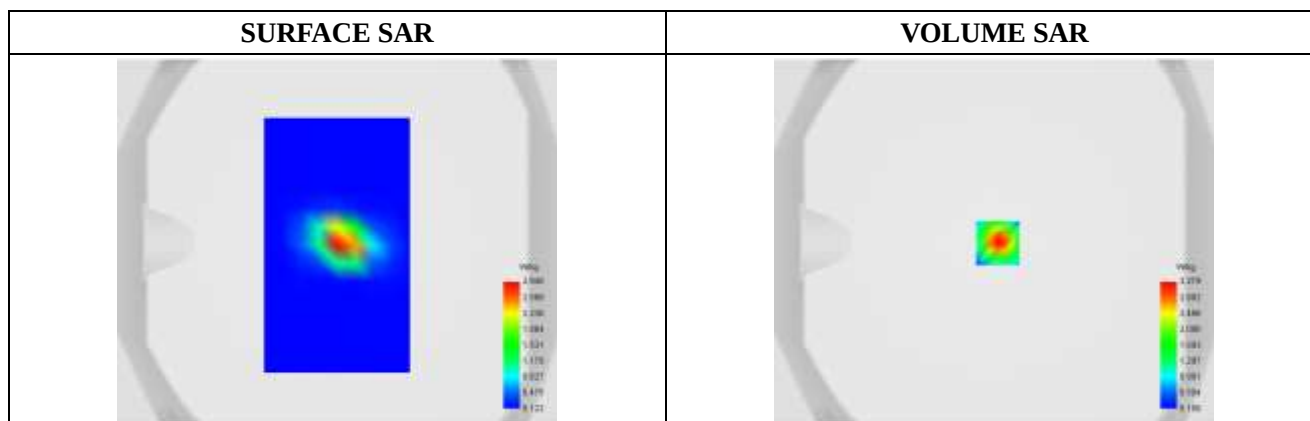
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	36.14
Conductivity (S/m)	5.25
Variation (%)	0.10

Maximum location: X=2.00, Y=-1.00

SAR Peak: 5.59 W/kg

SAR 10g (W/Kg)	0.640715
SAR 1g (W/Kg)	1.797542



Z Axis Scan

