



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2023/04/10
System Check	Head	2450	2023/04/25



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 04/10/2024

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)

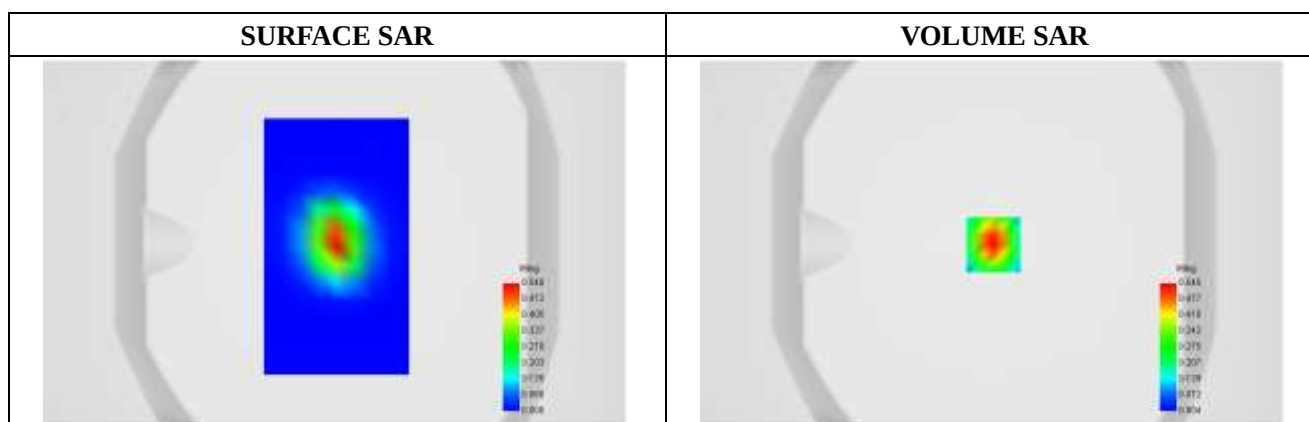
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.26
Conductivity (S/m)	1.81
Variation (%)	-0.17

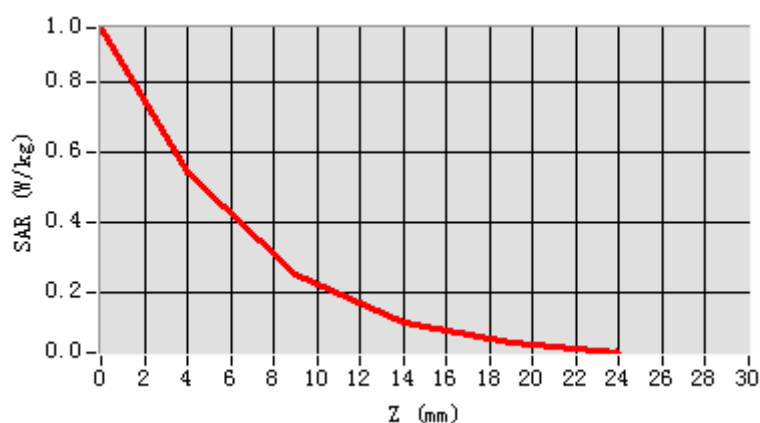
Maximum location: X=0.00, Y=-1.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.244811
SAR 1g (W/Kg)	0.529820



Z Axis Scan





System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 04/25/2024

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)

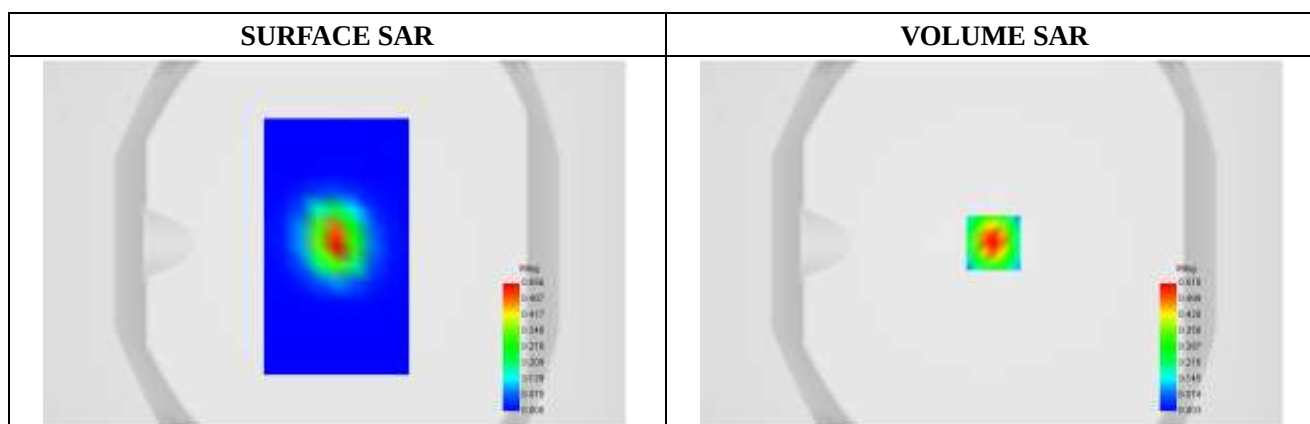
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.05
Conductivity (S/m)	1.83
Variation (%)	0.09

Maximum location: X=0.00, Y=0.00

SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.235183
SAR 1g (W/Kg)	0.531764



Z Axis Scan

