



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2023/10/16

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 10/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

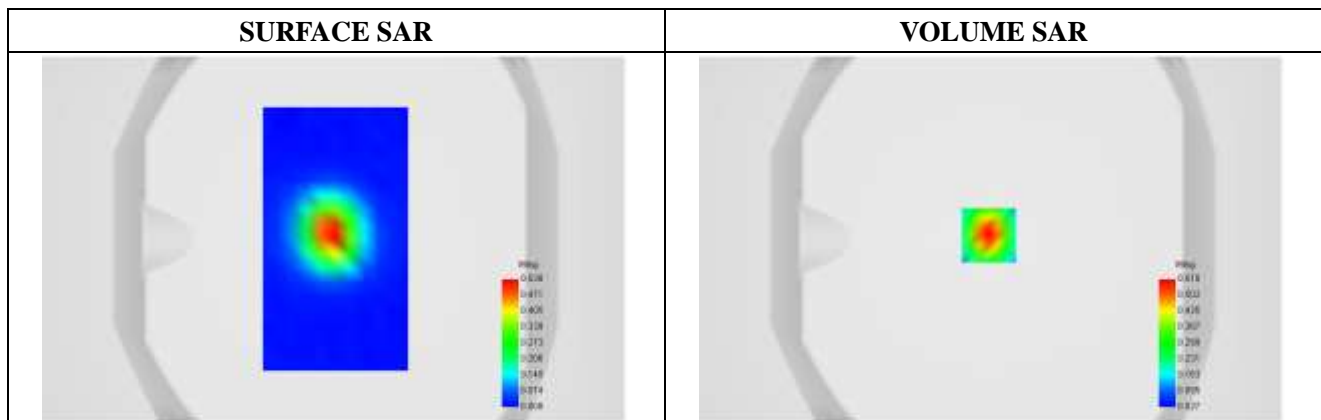
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.79
Conductivity (S/m)	1.82
Variation (%)	0.40

Maximum location: X=-2.00, Y=2.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.229698
SAR 1g (W/Kg)	0.513162



Z Axis Scan

