



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2023/10/08

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 10/08/2023

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)

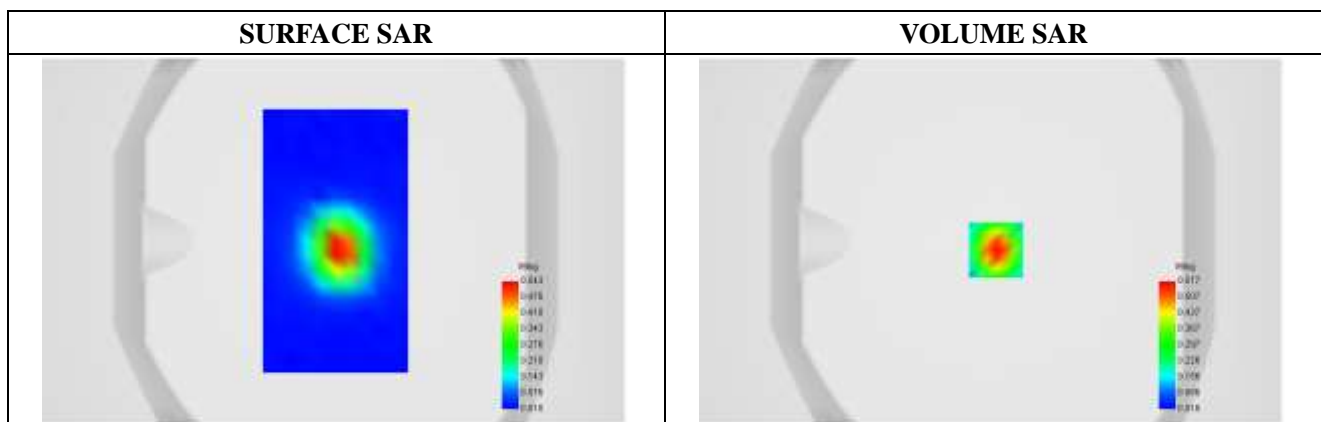
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.52
Conductivity (S/m)	1.83
Variation (%)	-0.43

Maximum location: X=2.00, Y=-5.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.234978
SAR 1g (W/Kg)	0.520973



Z Axis Scan

