



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2023/08/03

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 08/03/2023

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)

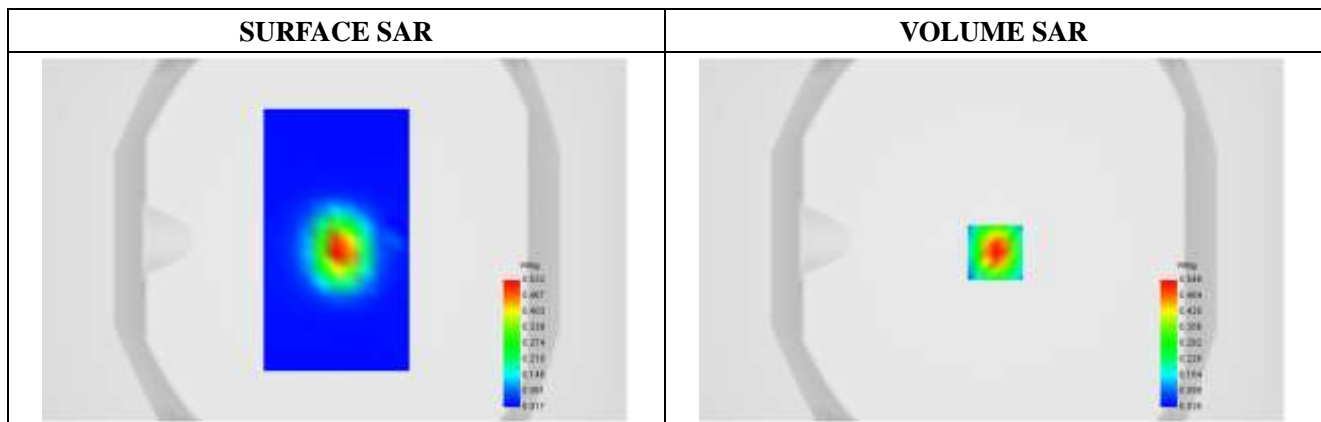
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.74
Conductivity (S/m)	1.85
Variation (%)	0.31

Maximum location: X=1.00, Y=-7.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.224505
SAR 1g (W/Kg)	0.498120



Z Axis Scan

