



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2022/08/27

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 08/27/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

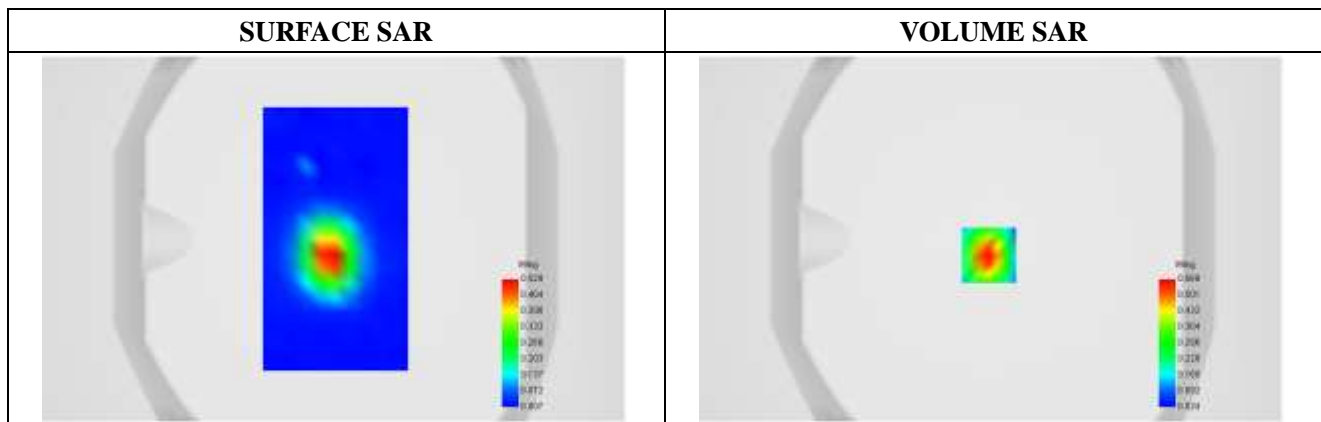
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.83
Variation (%)	0.15

Maximum location: X=-2.00, Y=-10.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.253666
SAR 1g (W/Kg)	0.540198



Z Axis Scan

