



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2022-03-19

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 03/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 39/21 EPGO360
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)

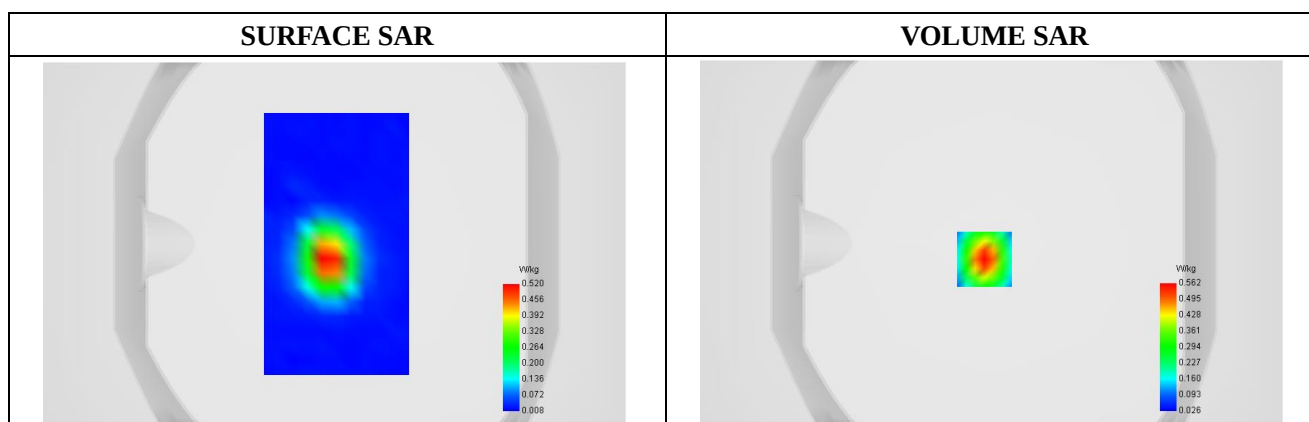
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.58
Conductivity (S/m)	1.81
Variation (%)	-2.08

Maximum location: X=-5.00, Y=-9.00

SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.238887
SAR 1g (W/Kg)	0.508272



Z Axis Scan

