



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	2450	2022-02-15

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 02/15/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN_36/20_EPG0360
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)

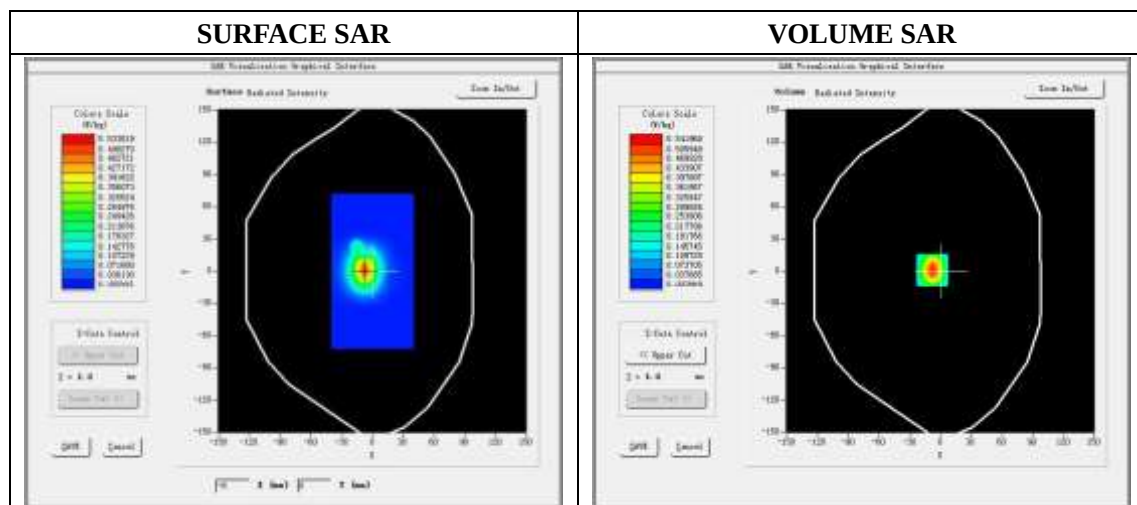
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.75
Conductivity (S/m)	1.82
Variation (%)	-3.51

Maximum location: X=-8.00, Y=-1.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.229287
SAR 1g (W/Kg)	0.493301



Z Axis Scan

