

System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 04/09/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

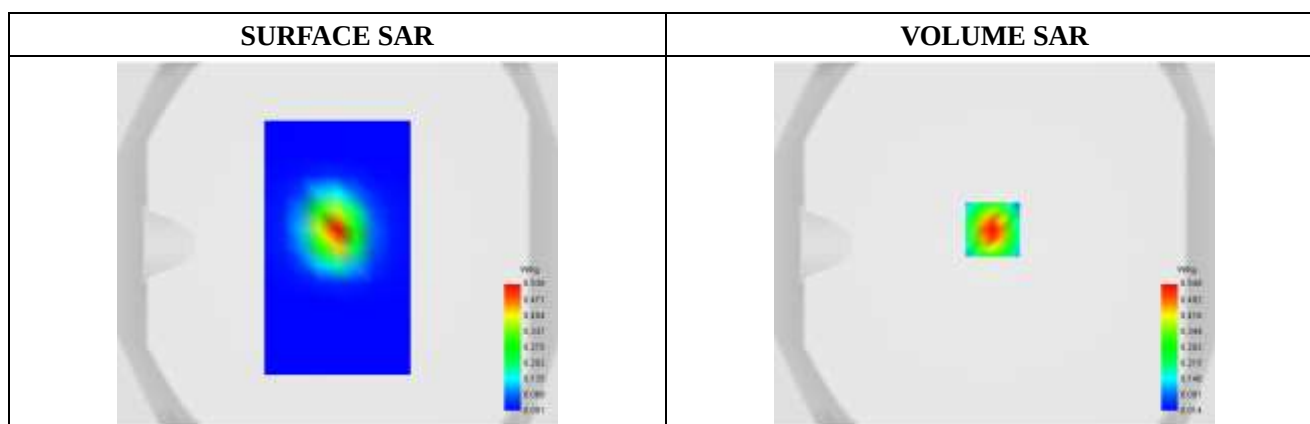
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.75
Conductivity (S/m)	1.82
Variation (%)	0.10

Maximum location: X=-1.00, Y=8.00

SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.238812
SAR 1g (W/Kg)	0.491007



Z Axis Scan

