



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 01/20/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5200MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

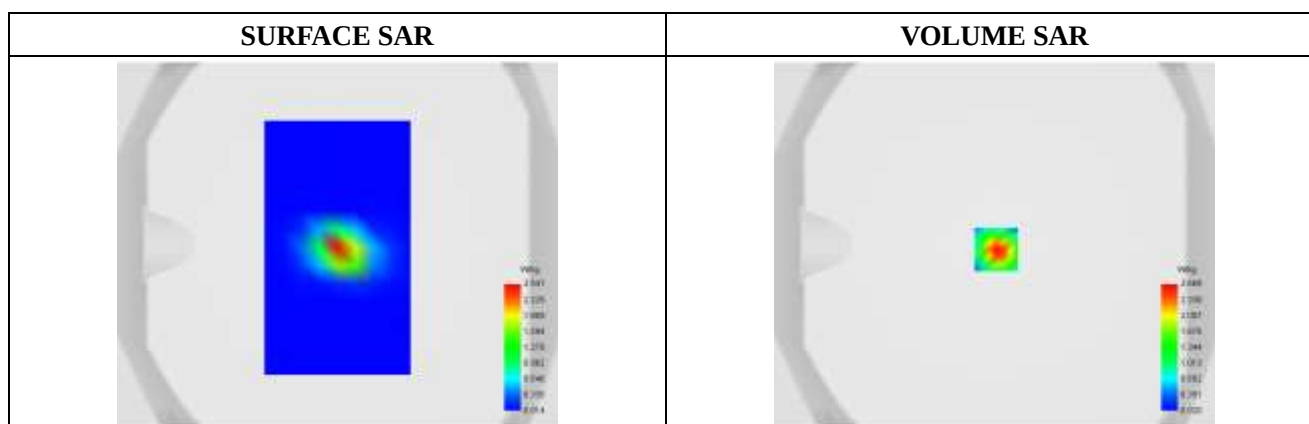
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.81
Conductivity (S/m)	4.62
Variation (%)	-0.16

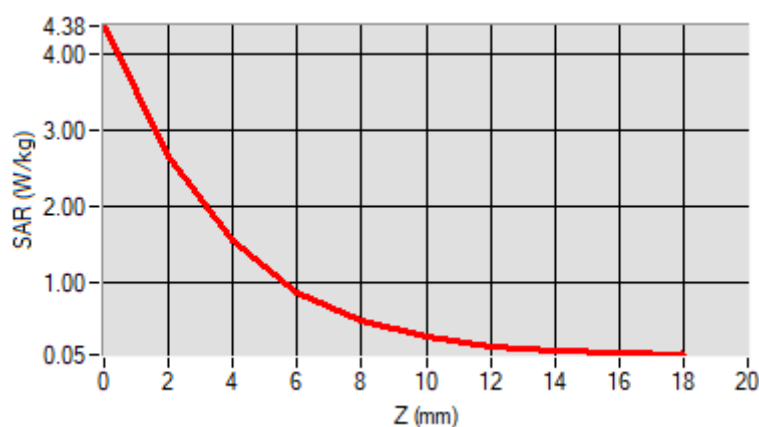
Maximum location: X=1.00, Y=-3.00

SAR Peak: 4.38 W/kg

SAR 10g (W/Kg)	0.498216
SAR 1g (W/Kg)	1.489602



Z Axis Scan





System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 01/21/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

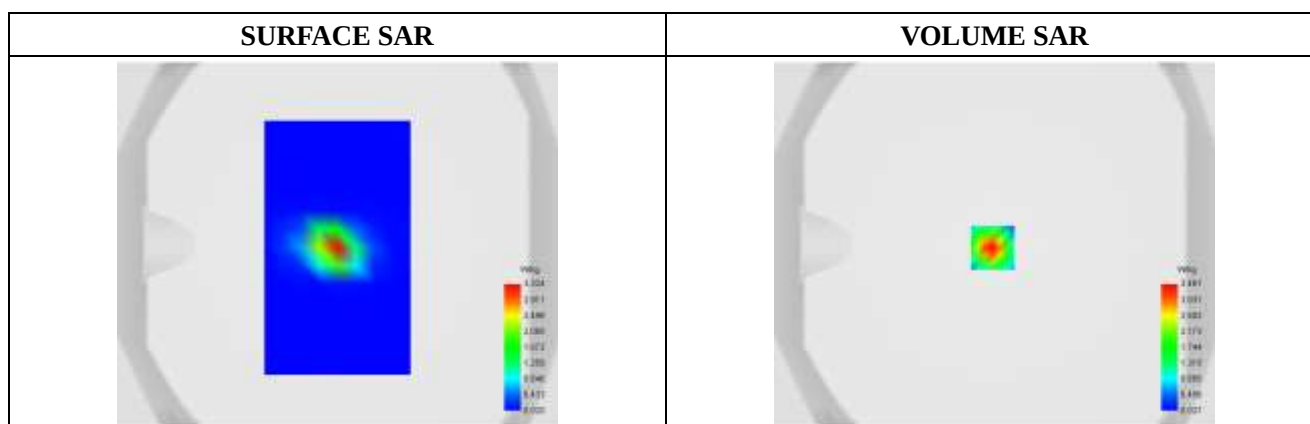
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	35.64
Conductivity (S/m)	5.19
Variation (%)	-0.28

Maximum location: X=1.00, Y=-1.00

SAR Peak: 5.45 W/kg

SAR 10g (W/Kg)	0.621148
SAR 1g (W/Kg)	1.757053



Z Axis Scan

