

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	WIFI 2.4G 802.11b	Back, Middle ,0mm	2022/03/19

Testing result (WI-FI 802.11b, Back, Middle,0mm))

Type: phone measurement

Date of measurement: 03/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 39/21 EPGO360
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11b
Channels	Middle
Signal	DSSS(Crest factor: 1.0)

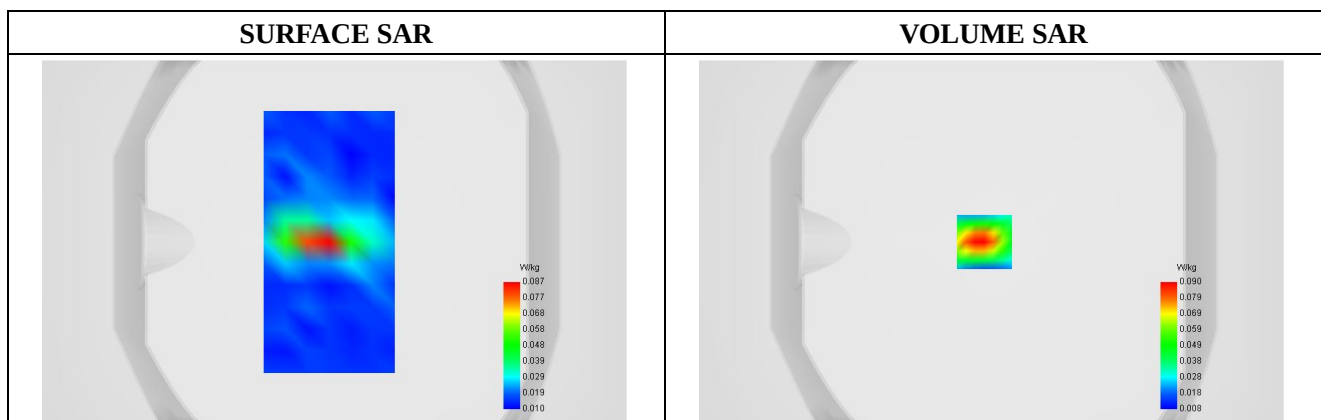
B. SAR Measurement Results

Frequency (MHz)	2437
Relative permittivity (real part)	38.70
Conductivity (S/m)	1.79
Variation (%)	-0.95

Maximum location: X=-5.00, Y=0.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.045669
SAR 1g (W/Kg)	0.081608



Z Axis Scan

