



Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	WI-FI 2.4G 802.11b	Body Back, High ,0mm	2022/07/12
2	WI-FI 2.4G 802.11b	Body Back, High ,0mm	2024/04/25

Testing result (WI-FI 2.4G 802.11b, Back, High, 0mm)

Type: phone measurement

Date of measurement: 07/12/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11b
Channels	High
Signal	DSSS(Crest factor: 1.0)

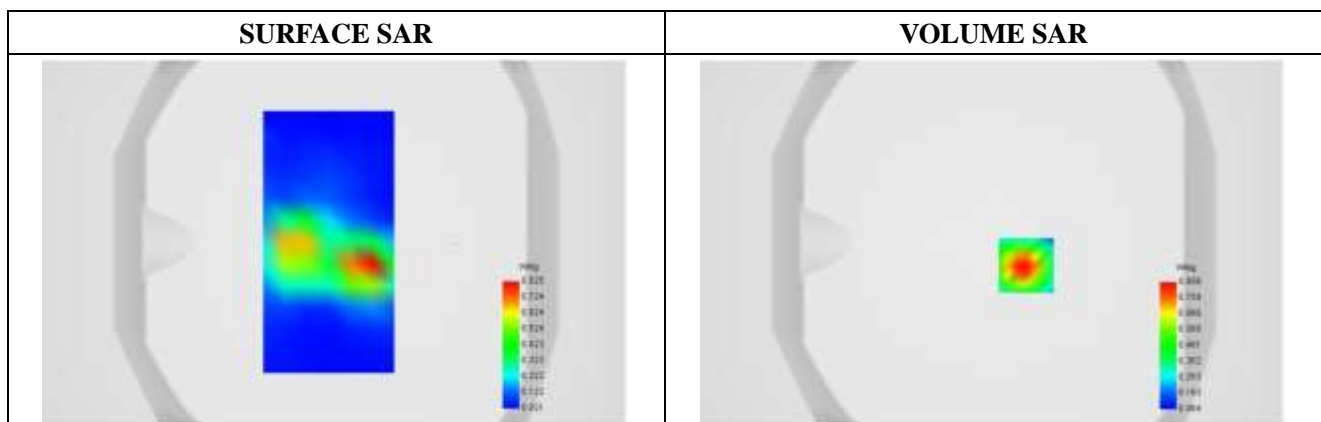
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	38.88
Conductivity (S/m)	1.84
Variation (%)	2.74

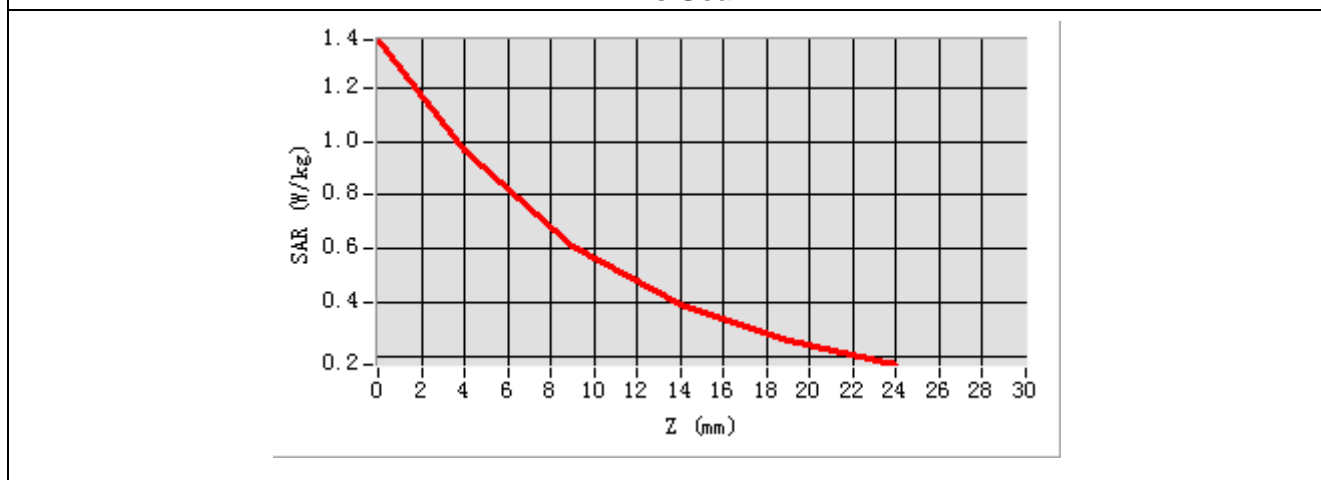
Maximum location: X=18.00, Y=-13.00

SAR Peak: 1.38 W/kg

SAR 10g (W/Kg)	0.606371
SAR 1g (W/Kg)	0.872816



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b, Back, High, 0mm)

Type: phone measurement

Date of measurement: 04/25/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11b
Channels	High
Signal	DSSS(Crest factor: 1.0)

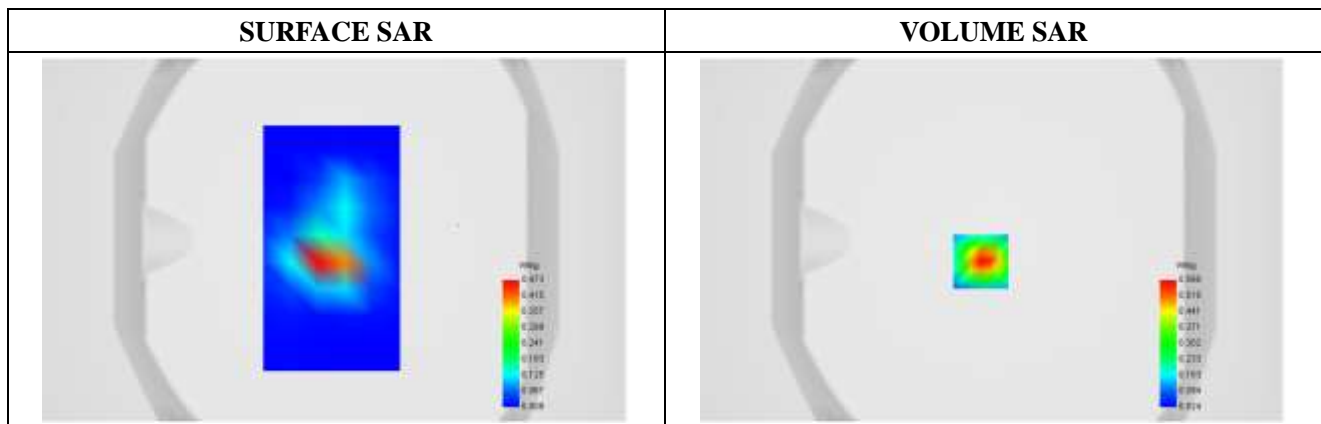
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	38.02
Conductivity (S/m)	1.82
Variation (%)	2.07

Maximum location: X=7.00, Y=-12.00

SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.310940
SAR 1g (W/Kg)	0.552957



Z Axis Scan

