



Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	WI-FI 2.4G 802.11b	Body Back, Middle ,3mm	2023/10/16
2	Bluetooth	Body Back, High ,3mm	2023/10/16

Testing result (WI-FI 2.4G 802.11b, Back, Middle, 3mm)

Type: phone measurement

Date of measurement: 10/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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	Middle
Signal	DSSS(Crest factor: 1.0)

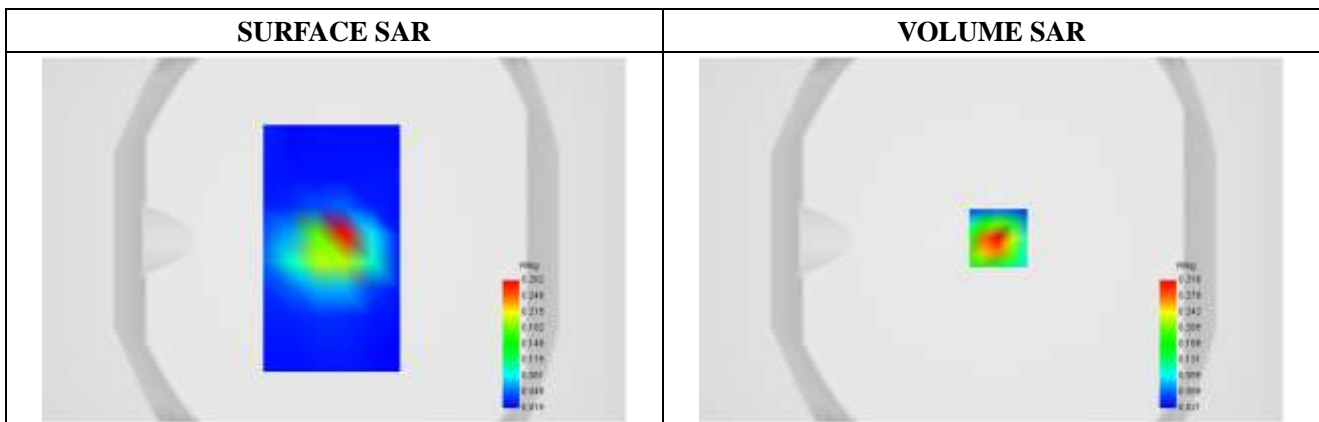
B. SAR Measurement Results

Frequency (MHz)	2437.0
Relative permittivity (real part)	38.86
Conductivity (S/m)	1.81
Variation (%)	-2.08

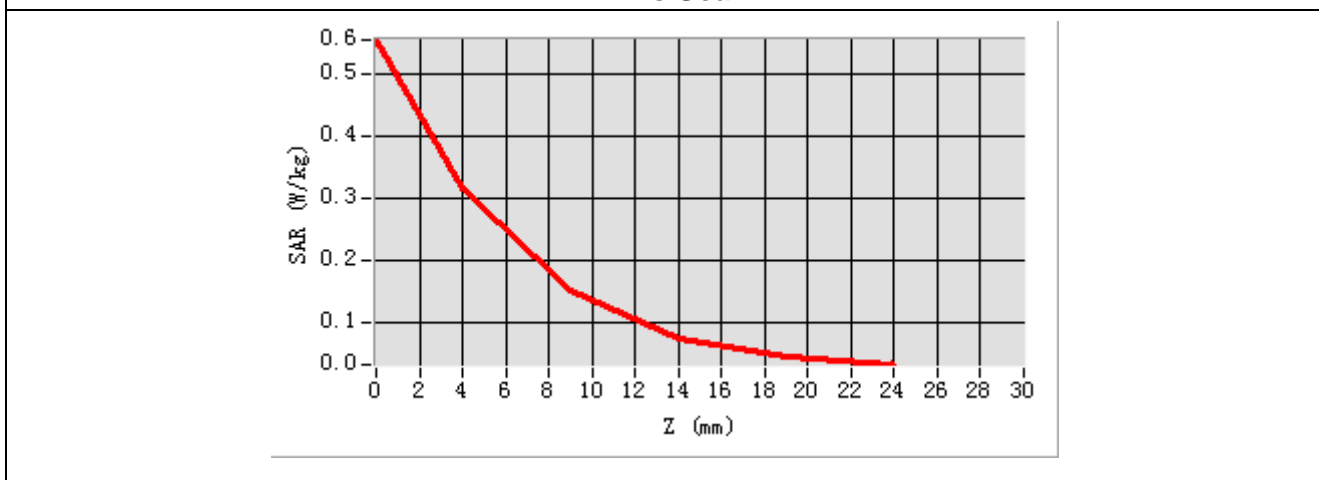
Maximum location: X=3.00, Y=1.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.132899
SAR 1g (W/Kg)	0.264253



Z Axis Scan



Testing result (Bluetooth, Back, High, 3mm)

Type: phone measurement

Date of measurement: 10/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	High
Signal	DSSS(Crest factor: 1.0)

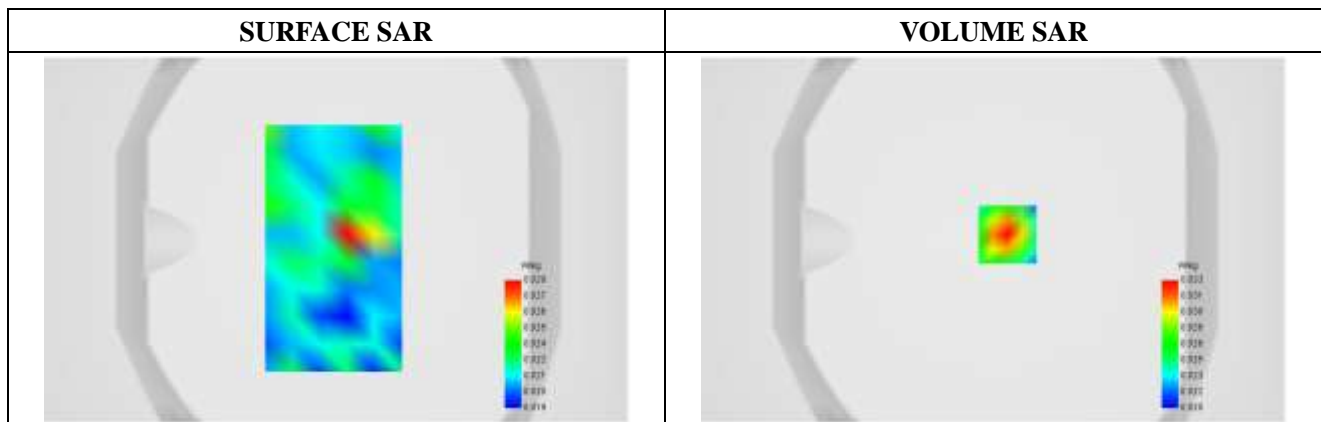
B. SAR Measurement Results

Frequency (MHz)	2480.0
Relative permittivity (real part)	38.67
Conductivity (S/m)	1.84
Variation (%)	-2.12

Maximum location: X=7.00, Y=3.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.022445
SAR 1g (W/Kg)	0.031936



Z Axis Scan

