



## Appendix B: SAR Measurement results Plots

<b>Plot</b>	<b>Frequency/Mode</b>	<b>Testing Position and Channel</b>	<b>Test Date</b>
1	WIFI 2.4G 802.11b	Edge D, Middle ,0mm	2022/03/15

## Testing result (WI-FI 802.11b, Edge D, Middle,0mm)

Type: phone measurement

Date of measurement: 03/15/2022

### A. Experimental conditions.

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

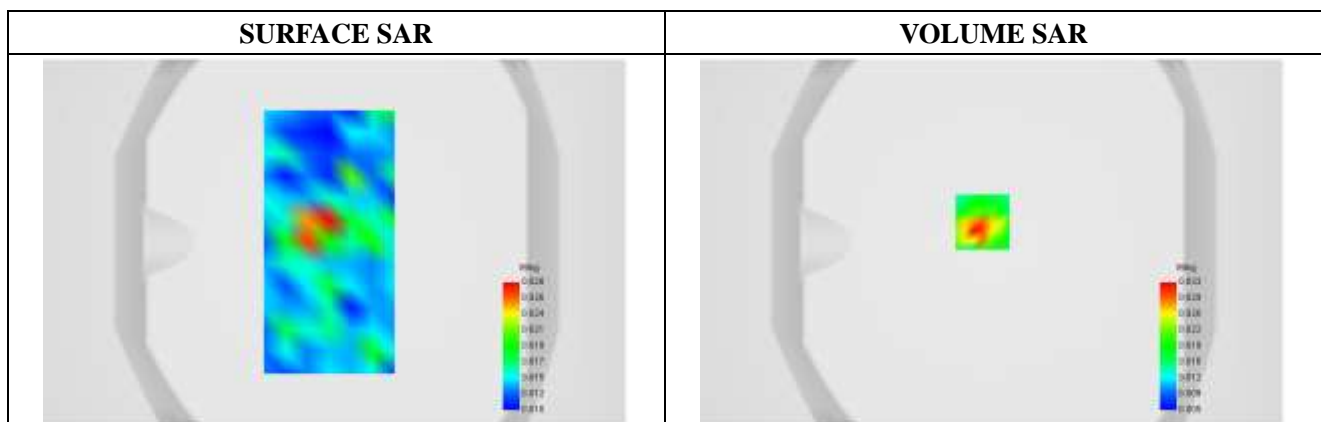
### B. SAR Measurement Results

<b>Frequency (MHz)</b>	2437
<b>Relative permittivity (real part)</b>	39.73
<b>Conductivity (S/m)</b>	1.72
<b>Variation (%)</b>	-1.21

**Maximum location: X=-6.00, Y=-11.00**

**SAR Peak: 0.06 W/kg**

<b>SAR 10g (W/Kg)</b>	0.019067
<b>SAR 1g (W/Kg)</b>	0.029756



### Z Axis Scan

