

## Testing result (WI-FI 2.4G 802.11b, Front, Middle, 0mm)

Type: phone measurement

Date of measurement: 10/13/2024

### A. Experimental conditions.

<b>E-Field Probe</b>	SATIMO 3723-EPGO-433
<b>Area Scan</b>	dx=12mm dy=12mm
<b>Zoom Scan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	WI-FI 802.11g
<b>Channels</b>	Middle
<b>Signal</b>	OFDM(Crest factor: 1.0)

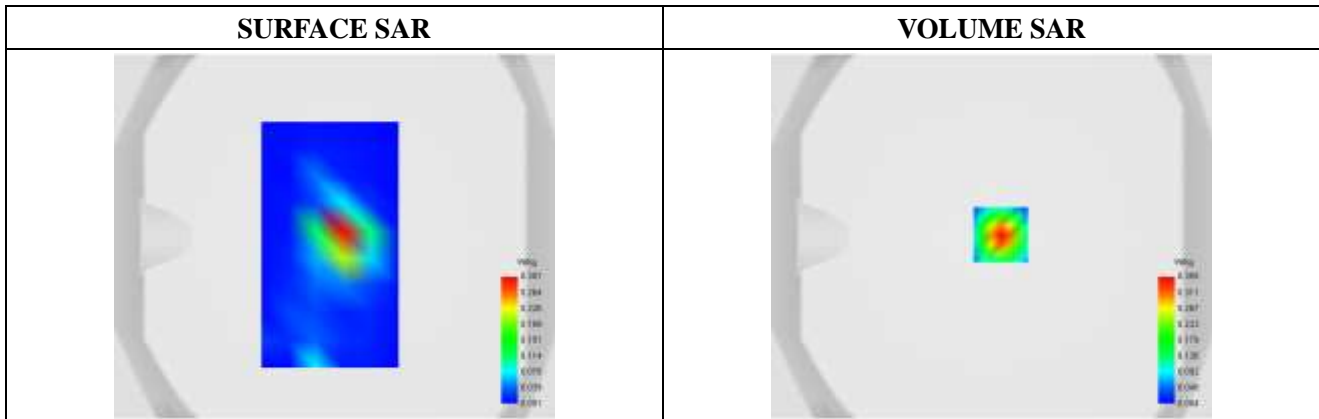
### B. SAR Measurement Results

<b>Frequency (MHz)</b>	2437.0
<b>Relative permittivity (real part)</b>	38.92
<b>Conductivity (S/m)</b>	1.76
<b>Variation (%)</b>	-0.85

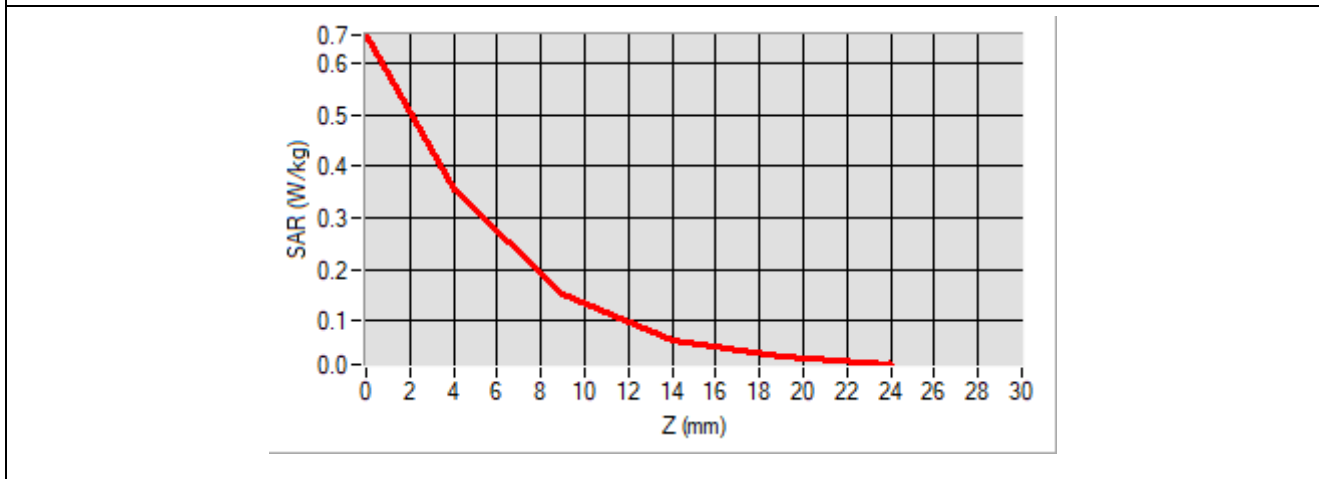
Maximum location: X=5.00, Y=1.00

SAR Peak: 0.65 W/kg

<b>SAR 10g (W/Kg)</b>	0.136517
<b>SAR 1g (W/Kg)</b>	0.316641



### Z Axis Scan



### Testing result (Bluetooth, Front, High, 0mm)

Type: phone measurement

Date of measurement: 10/13/2024

**A. Experimental conditions.**

<b>E-Field Probe</b>	SATIMO 3723-EPGO-433
<b>Area Scan</b>	dx=12mm dy=12mm
<b>Zoom Scan</b>	7x7x7,dx=5mm dy=5mm dz=5mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body
<b>Band</b>	Bluetooth
<b>Channels</b>	High
<b>Signal</b>	GFSK(Crest factor: 1.0)

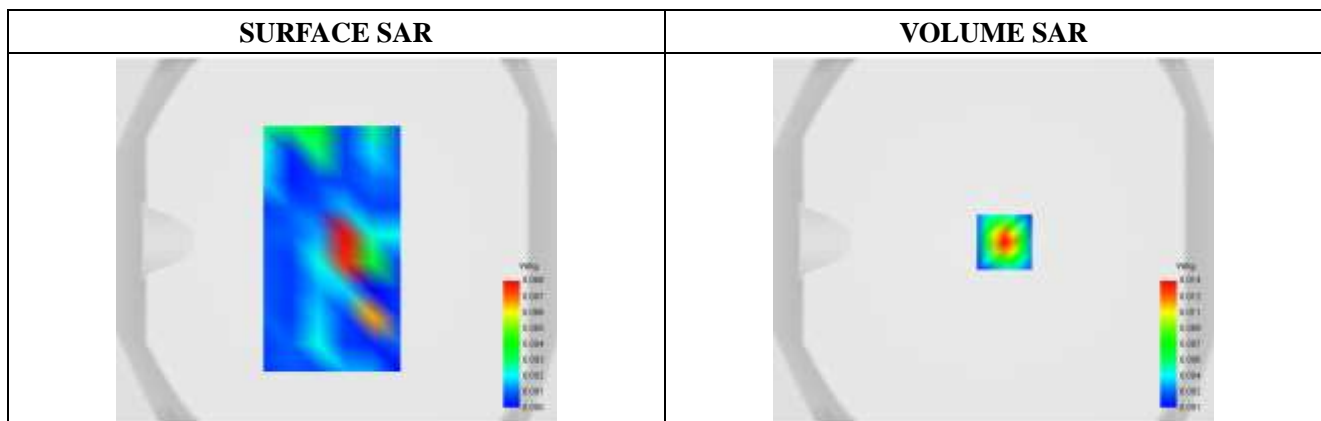
**B. SAR Measurement Results**

<b>Frequency (MHz)</b>	2480.0
<b>Relative permittivity (real part)</b>	38.80
<b>Conductivity (S/m)</b>	1.41
<b>Variation (%)</b>	0.14

Maximum location: X=6.00, Y=-1.00

SAR Peak: 0.03 W/kg

<b>SAR 10g (W/Kg)</b>	0.005117
<b>SAR 1g (W/Kg)</b>	0.012497



**Z Axis Scan**

