

Testing result (WIFI 2.4G 802.11b, Left, Low, 0mm)

Type: phone measurement

Date of measurement: 06/11/2025

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	WIFI 802.11b
Channels	Low
Signal	DSSS(Crest factor: 1.0)

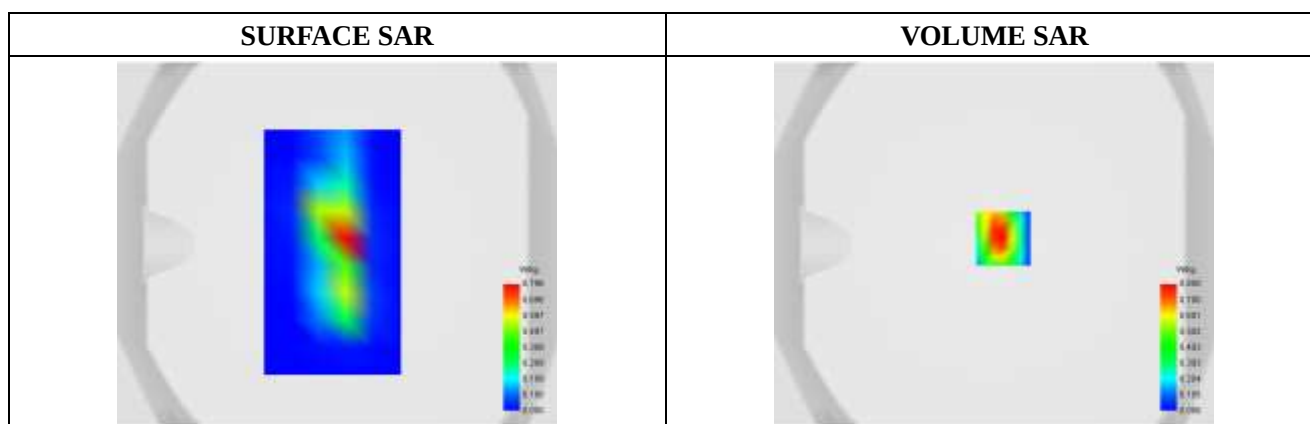
B. SAR Measurement Results

Frequency (MHz)	2412.0
Relative permittivity (real part)	39.85
Conductivity (S/m)	1.80
Variation (%)	0.81

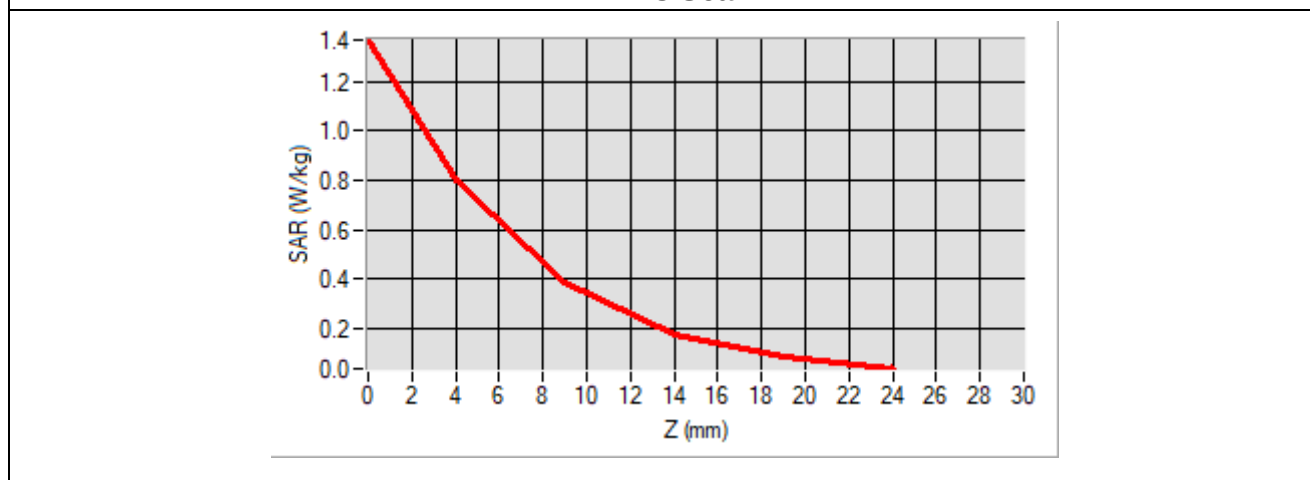
Maximum location: X=5.00, Y=3.00

SAR Peak: 1.40 W/kg

SAR 10g (W/Kg)	0.341387
SAR 1g (W/Kg)	0.731350



Z Axis Scan



Testing result (WIFI U-NII 1 802.11a, Left, High, 0mm)

Type: phone measurement

Date of measurement: 06/03/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WIFI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

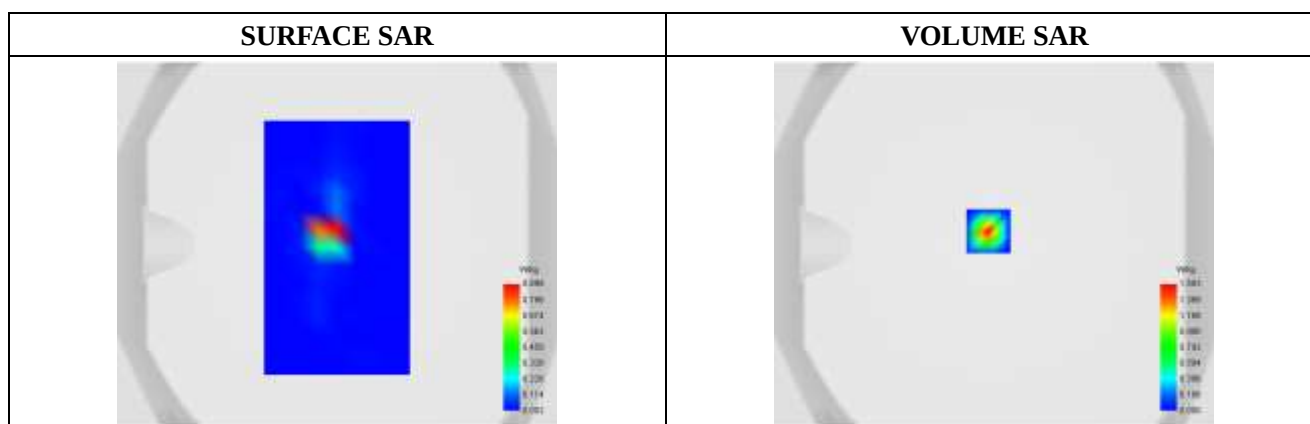
B. SAR Measurement Results

Frequency (MHz)	5240.0
Relative permittivity (real part)	36.29
Conductivity (S/m)	4.73
Variation (%)	-1.39

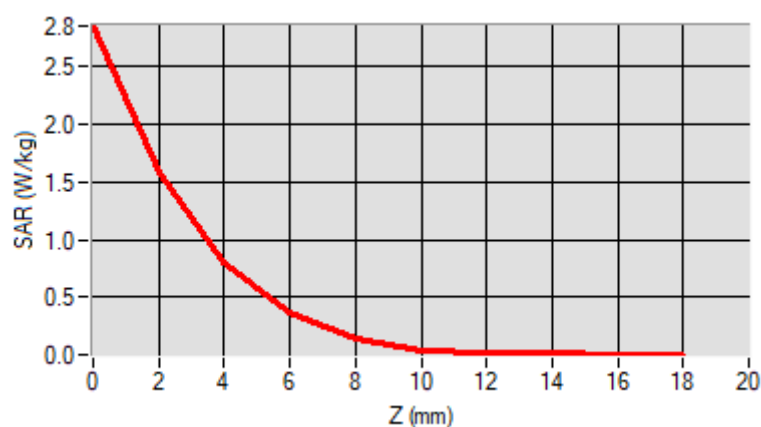
Maximum location: X=-3.00, Y=7.00

SAR Peak: 2.80 W/kg

SAR 10g (W/Kg)	0.166525
SAR 1g (W/Kg)	0.721954



Z Axis Scan



Testing result (WIFI U-NII 2A 802.11a, Left, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/03/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WIFI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

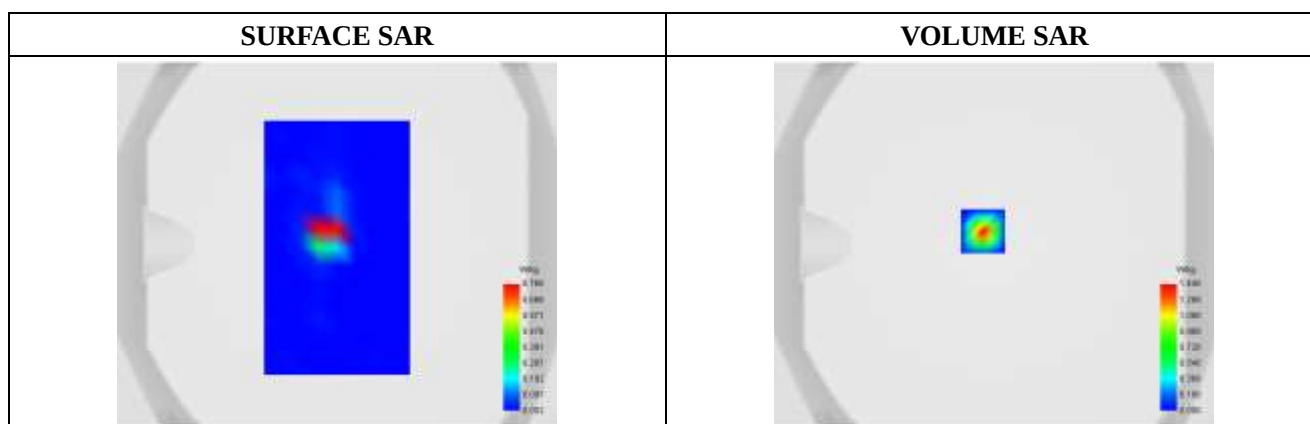
B. SAR Measurement Results

Frequency (MHz)	5300.0
Relative permittivity (real part)	36.16
Conductivity (S/m)	4.78
Variation (%)	-1.27

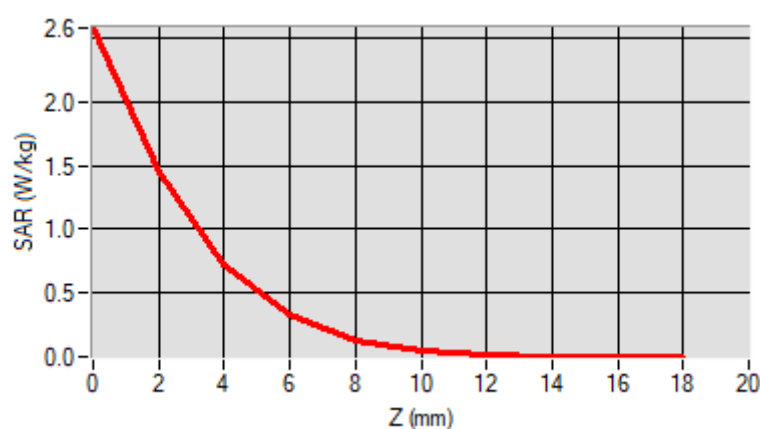
Maximum location: X=-6.00, Y=7.00

SAR Peak: 2.62 W/kg

SAR 10g (W/Kg)	0.151969
SAR 1g (W/Kg)	0.662773



Z Axis Scan



Testing result (WIFI U-NII 2C 802.11a, Left, High, 0mm)

Type: phone measurement

Date of measurement: 06/04/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WIFI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

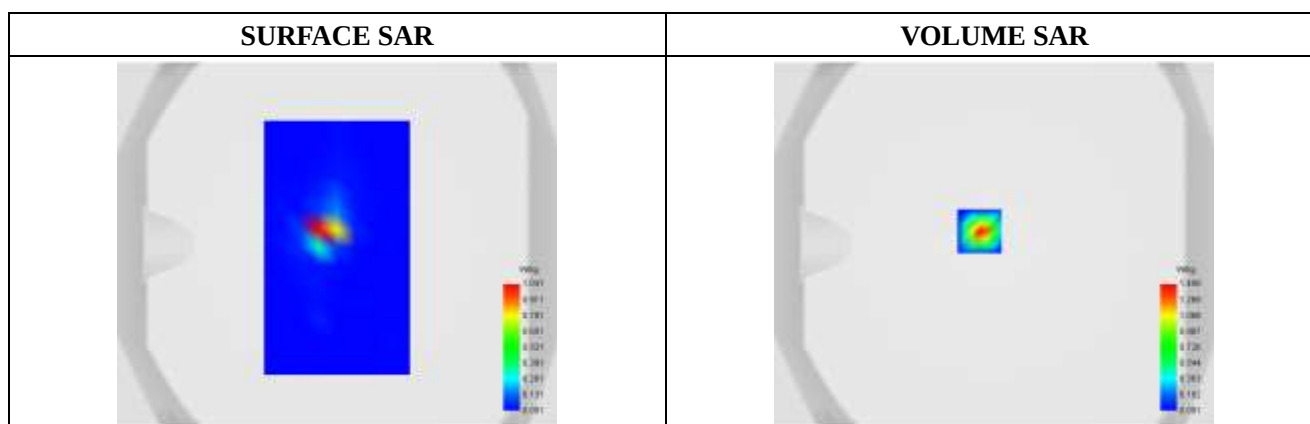
B. SAR Measurement Results

Frequency (MHz)	5700.0
Relative permittivity (real part)	35.60
Conductivity (S/m)	4.86
Variation (%)	0.41

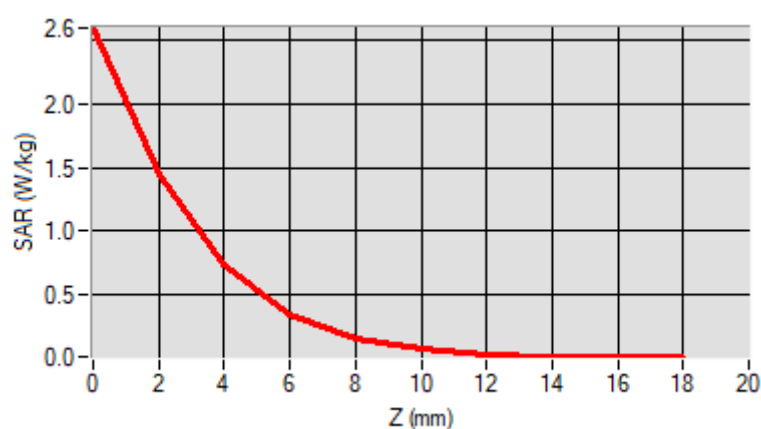
Maximum location: X=-8.00, Y=7.00

SAR Peak:2.60 W/kg

SAR 10g (W/Kg)	0.167425
SAR 1g (W/Kg)	0.691080



Z Axis Scan



Testing result (WIFI U-NII 3 802.11a, Left, High, 0mm)

Type: phone measurement

Date of measurement: 06/04/2025

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WIFI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

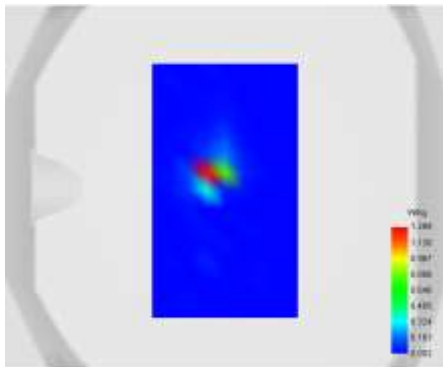
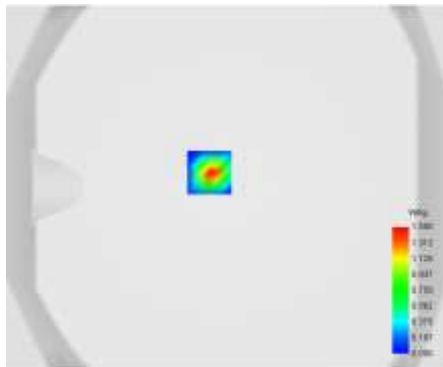
B. SAR Measurement Results

Frequency (MHz)	5825.0
Relative permittivity (real part)	35.06
Conductivity (S/m)	5.23
Variation (%)	0.33

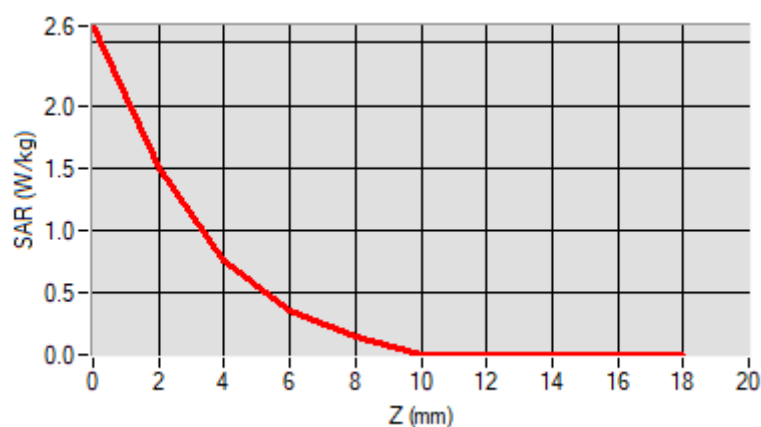
Maximum location: X=-9.00, Y=8.00

SAR Peak:2.60 W/kg

SAR 10g (W/Kg)	0.179954
SAR 1g (W/Kg)	0.723614

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (Bluetooth, Left, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/11/2025

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	Bluetooth
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

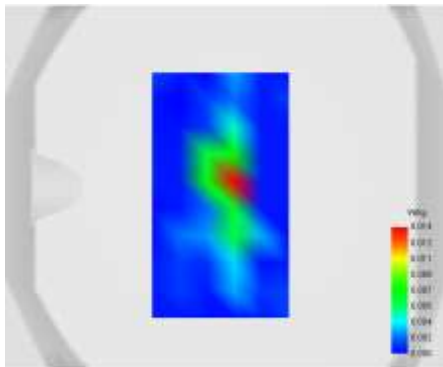
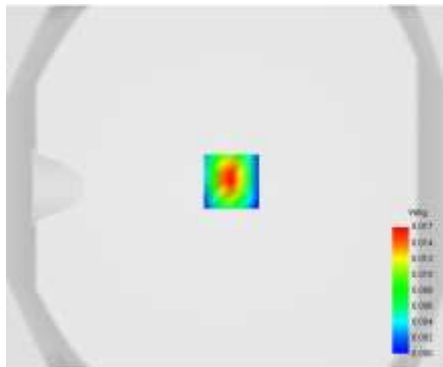
B. SAR Measurement Results

Frequency (MHz)	2440.0
Relative permittivity (real part)	39.79
Conductivity (S/m)	1.83
Variation (%)	-2.05

Maximum location: X=3.00, Y=3.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.006714
SAR 1g (W/Kg)	0.015062

SURFACE SAR	VOLUME SAR
	

Z Axis Scan

