

Testing result (WI-FI U-NII 1 802.11a, Right, Middle, 5mm)

Type: phone measurement

Date of measurement: 07/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

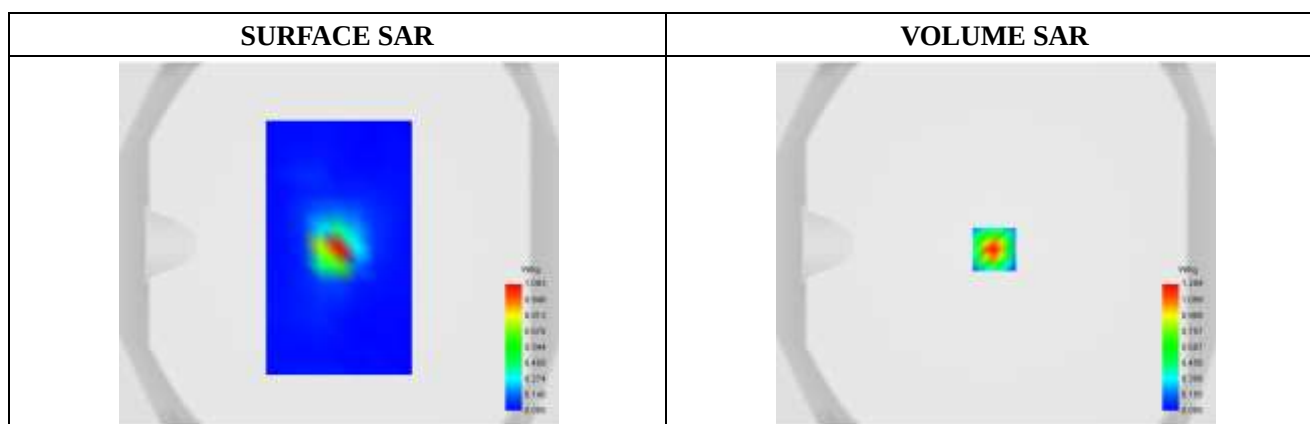
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	36.61
Conductivity (S/m)	4.70
Variation (%)	-1.62

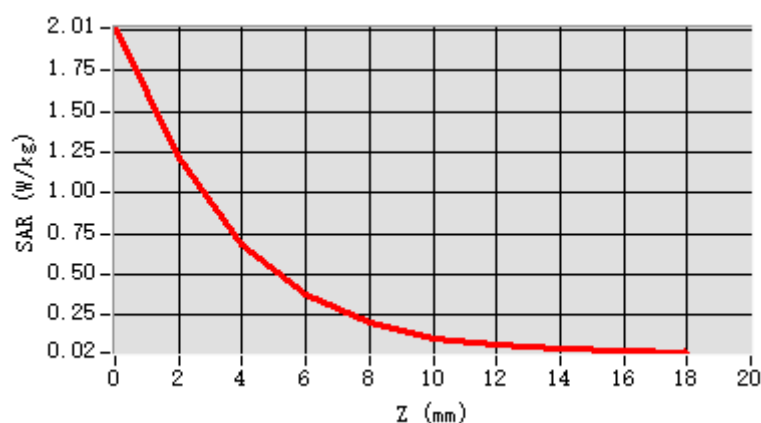
Maximum location: X=-1.00, Y=-3.00

SAR Peak: 2.01 W/kg

SAR 10g (W/Kg)	0.196289
SAR 1g (W/Kg)	0.637298



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11a, Right, Middle, 0mm)

Type: phone measurement

Date of measurement: 07/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

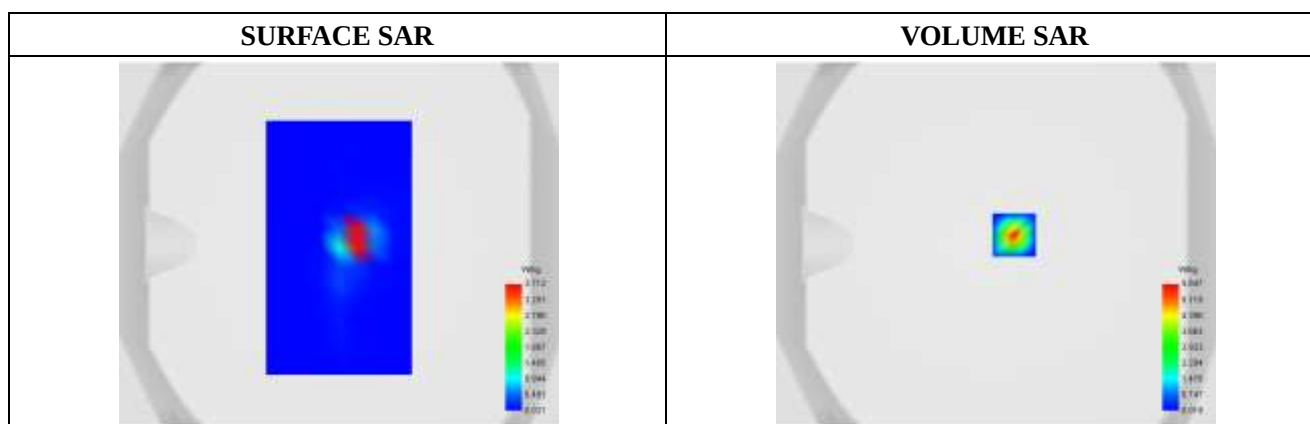
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	36.61
Conductivity (S/m)	4.70
Variation (%)	-0.10

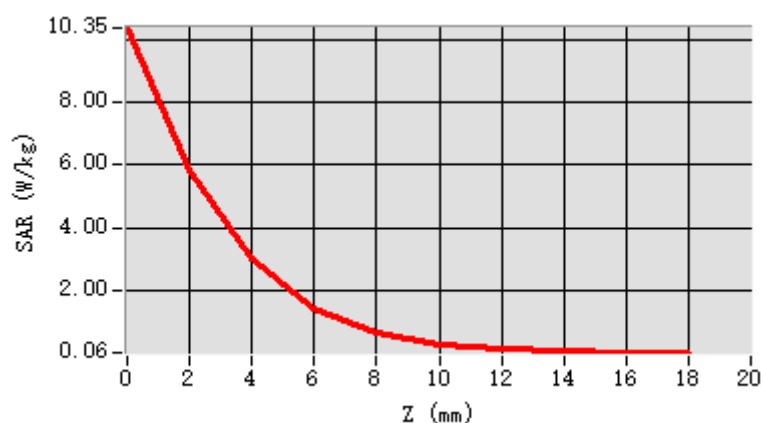
Maximum location: X=10.00, Y=5.00

SAR Peak: 10.35 W/kg

SAR 10g (W/Kg)	0.667383
SAR 1g (W/Kg)	2.734679



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11a, Right, Middle, 5mm)

Type: phone measurement

Date of measurement: 07/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

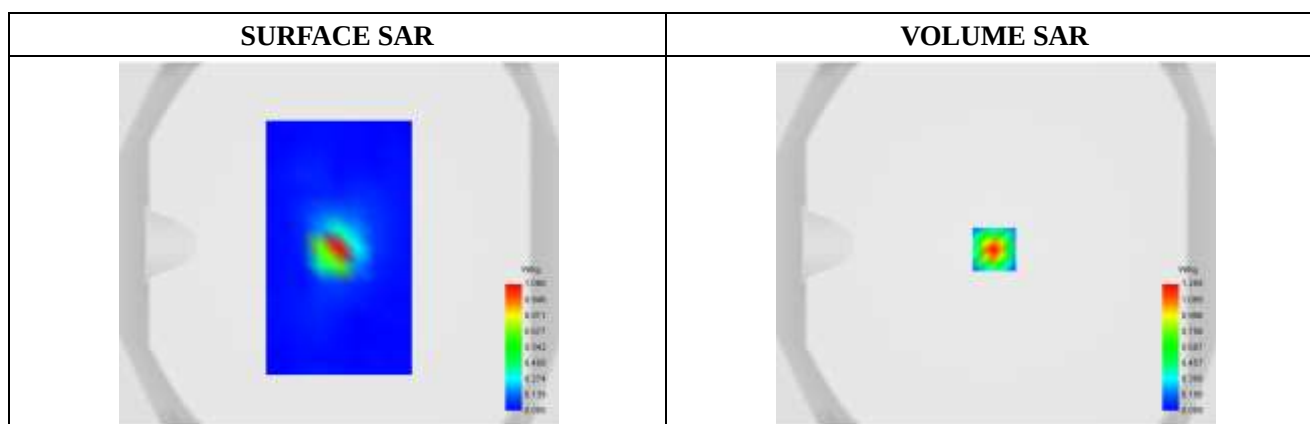
B. SAR Measurement Results

Frequency (MHz)	5300.0
Relative permittivity (real part)	36.48
Conductivity (S/m)	4.79
Variation (%)	1.54

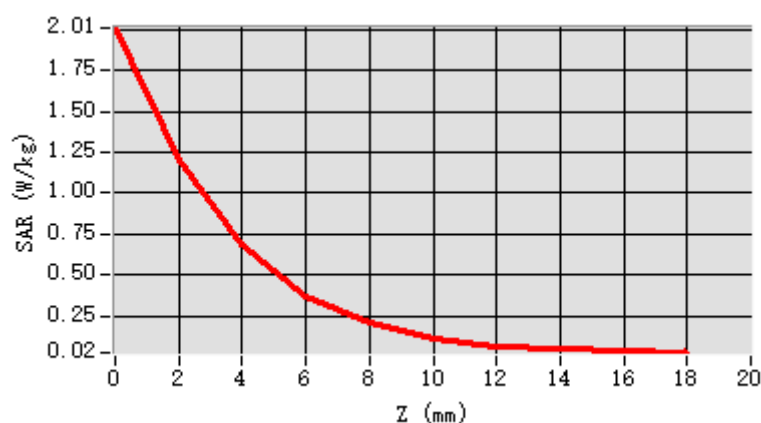
Maximum location: X=-1.00, Y=-3.00

SAR Peak: 2.01 W/kg

SAR 10g (W/Kg)	0.194854
SAR 1g (W/Kg)	0.630072



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11a, Right, Middle, 0mm)

Type: phone measurement

Date of measurement: 07/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

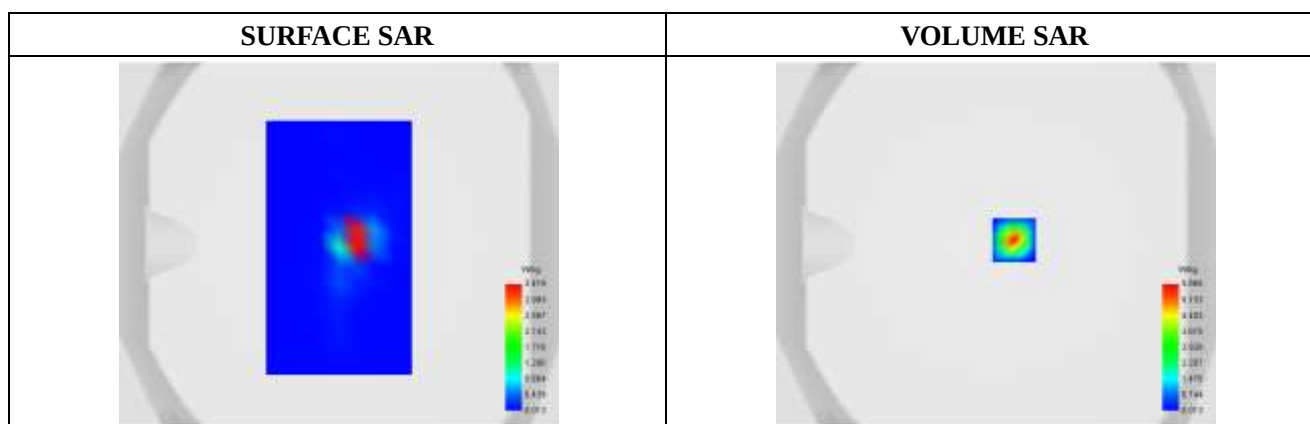
B. SAR Measurement Results

Frequency (MHz)	5300.0
Relative permittivity (real part)	36.48
Conductivity (S/m)	4.79
Variation (%)	0.79

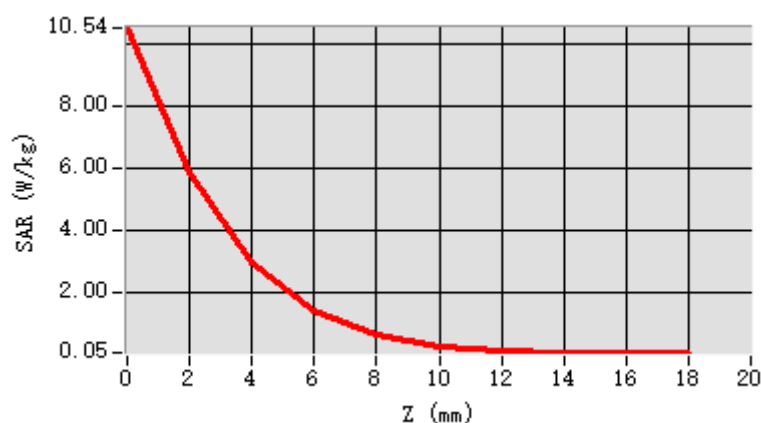
Maximum location: X=10.00, Y=2.00

SAR Peak: 10.54 W/kg

SAR 10g (W/Kg)	0.658152
SAR 1g (W/Kg)	2.746635



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11a, Right, Middle, 5mm)

Type: phone measurement

Date of measurement: 07/02/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

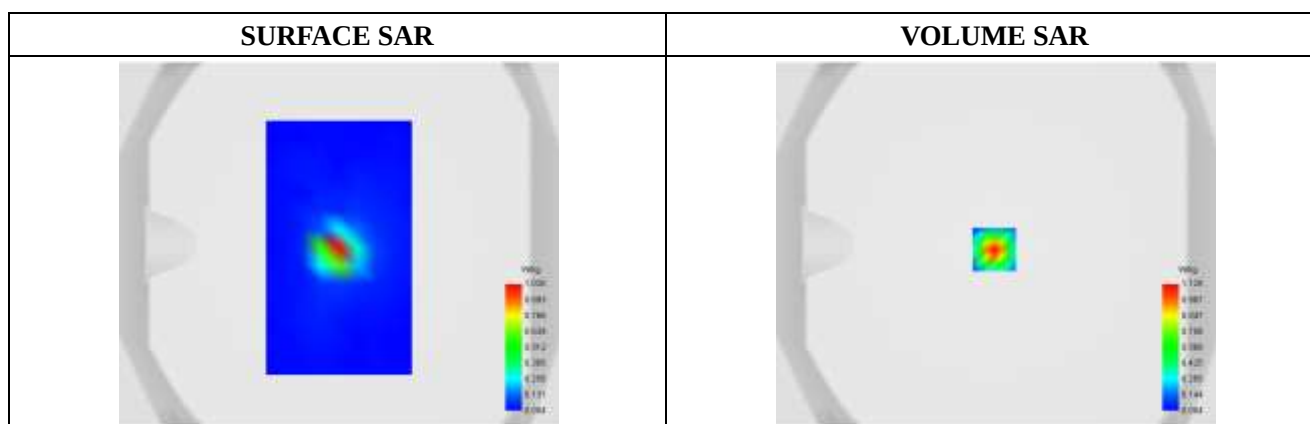
B. SAR Measurement Results

Frequency (MHz)	5600.0
Relative permittivity (real part)	36.27
Conductivity (S/m)	4.94
Variation (%)	-2.14

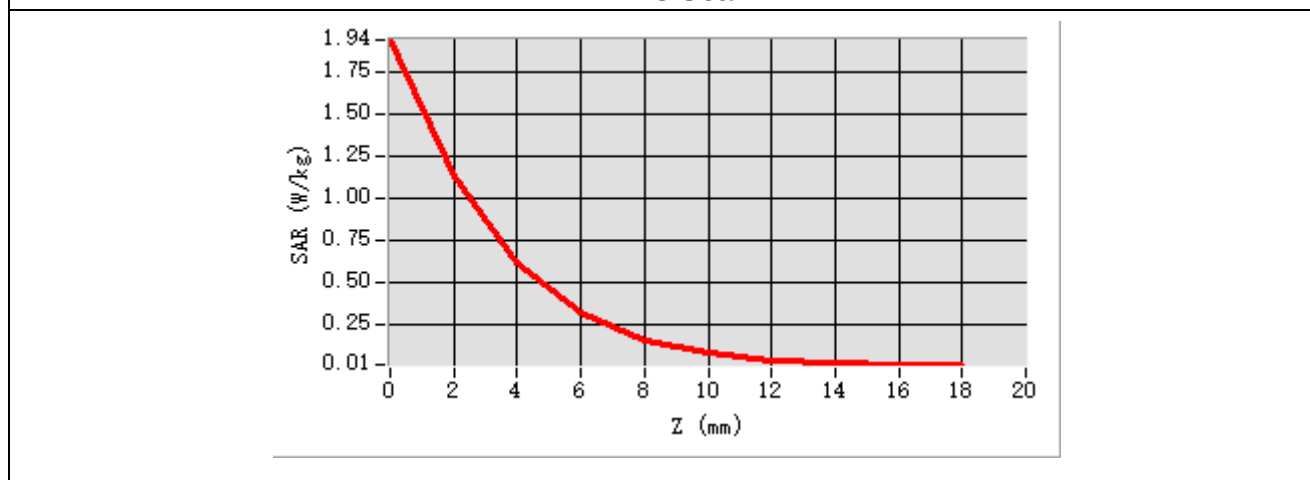
Maximum location: X=-1.00, Y=-3.00

SAR Peak: 1.94 W/kg

SAR 10g (W/Kg)	0.167558
SAR 1g (W/Kg)	0.574394



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11a, Right, Middle, 0mm)

Type: phone measurement

Date of measurement: 07/02/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

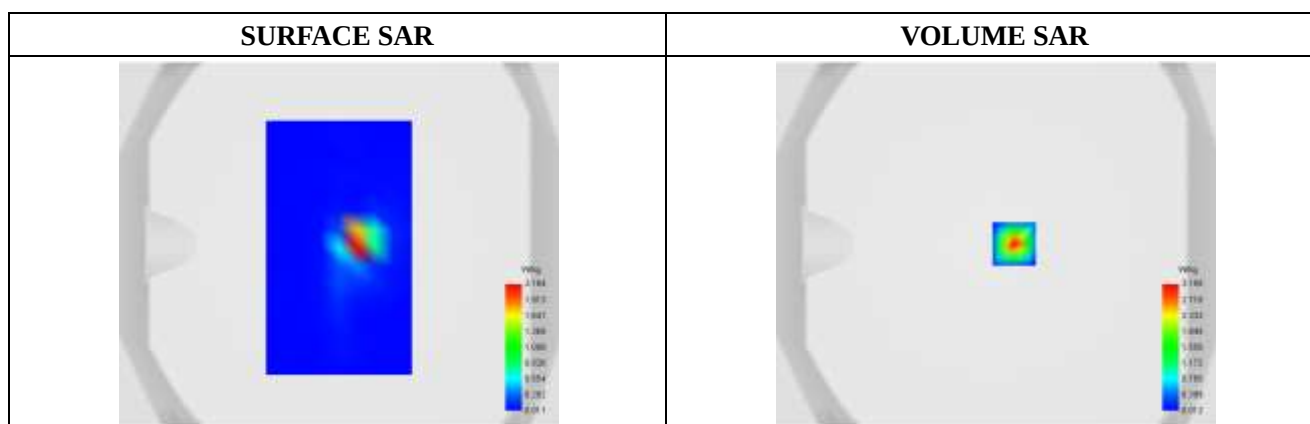
B. SAR Measurement Results

Frequency (MHz)	5600.0
Relative permittivity (real part)	36.27
Conductivity (S/m)	4.94
Variation (%)	-0.65

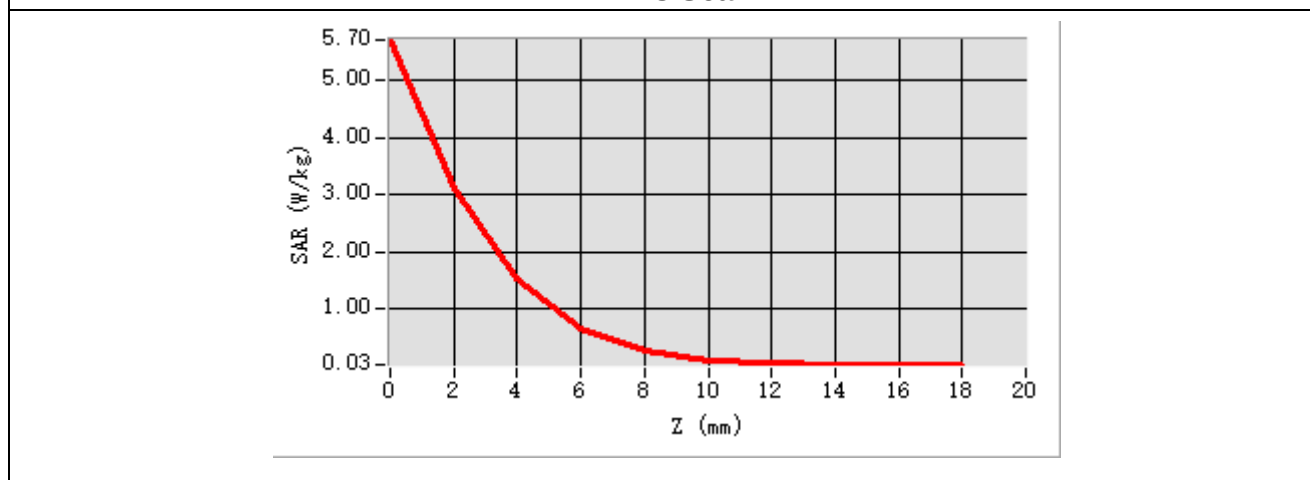
Maximum location: X=10.00, Y=0.00

SAR Peak: 5.70 W/kg

SAR 10g (W/Kg)	0.375923
SAR 1g (W/Kg)	1.483462



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11a, Right, Middle, 5mm)

Type: phone measurement

Date of measurement: 07/02/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

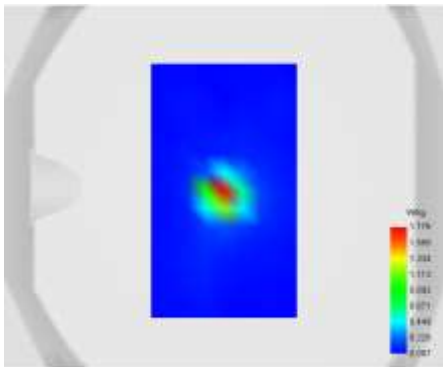
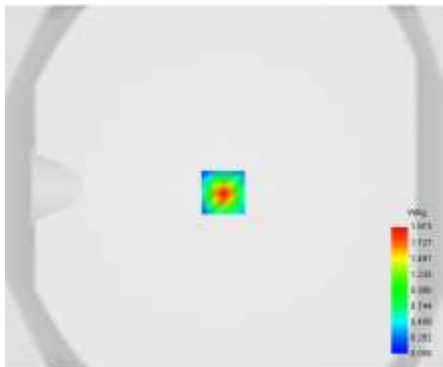
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	35.79
Conductivity (S/m)	5.28
Variation (%)	-2.68

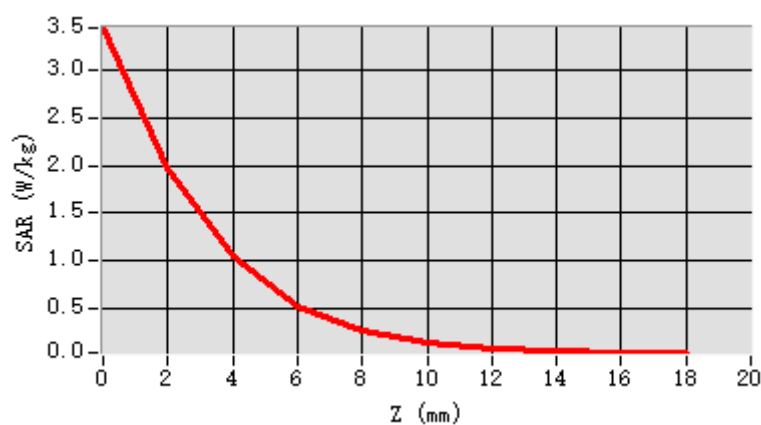
Maximum location: X=-1.00, Y=-3.00

SAR Peak: 3.50 W/kg

SAR 10g (W/Kg)	0.298210
SAR 1g (W/Kg)	1.012045

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (WI-FI U-NII 3 802.11a, Right, Middle, 0mm)

Type: phone measurement

Date of measurement: 07/02/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

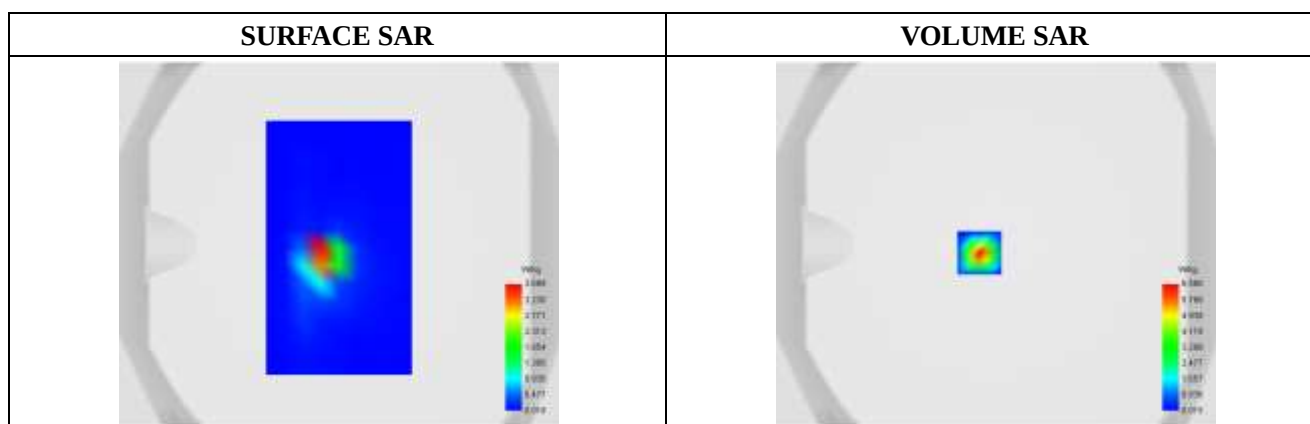
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	35.79
Conductivity (S/m)	5.28
Variation (%)	1.55

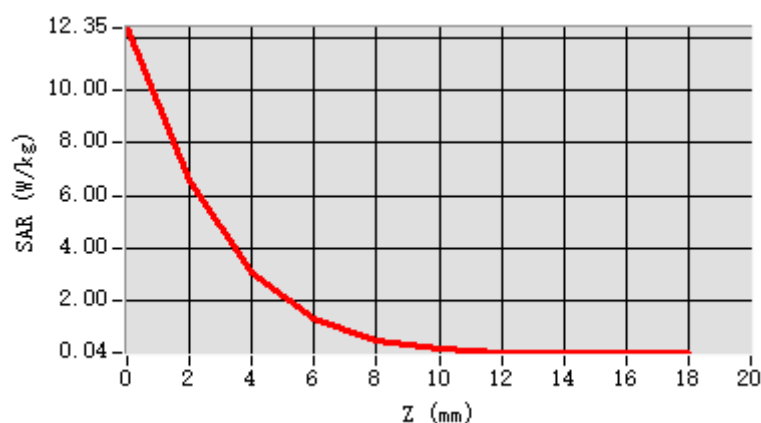
Maximum location: X=-9.00, Y=-5.00

SAR Peak: 12.35 W/kg

SAR 10g (W/Kg)	0.724718
SAR 1g (W/Kg)	3.024291



Z Axis Scan



Testing result (Bluetooth, Right, Back, Middle, 5mm)

Type: phone measurement

Date of measurement: 06/28/2024

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	Bluetooth
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

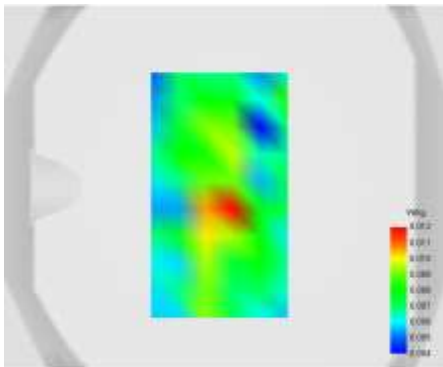
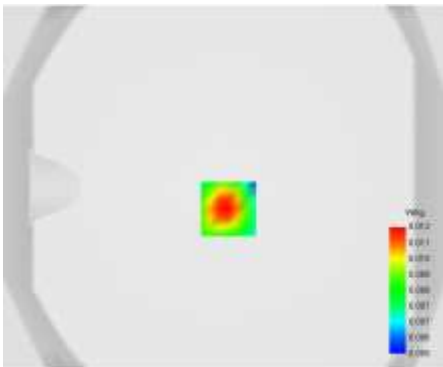
B. SAR Measurement Results

Frequency (MHz)	2440.0
Relative permittivity (real part)	40.58
Conductivity (S/m)	1.79
Variation (%)	1.66

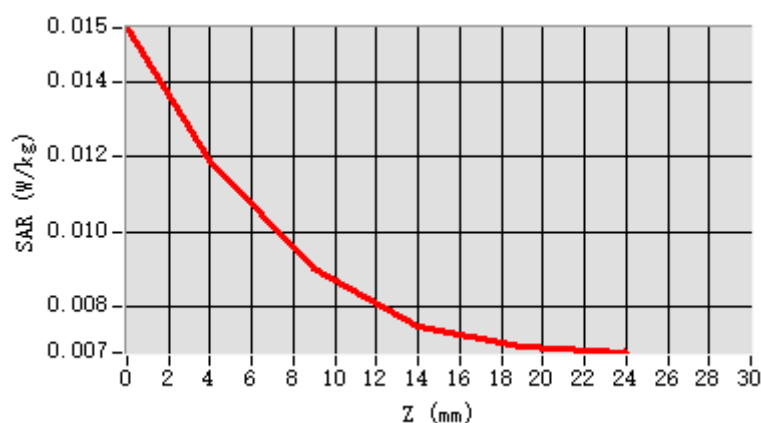
Maximum location: X=3.00, Y=-12.00

SAR Peak: 0.02 W/kg

SAR 10g (W/Kg)	0.017791
SAR 1g (W/Kg)	0.021366

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (Bluetooth, Right, Back, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/28/2024

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	Bluetooth
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

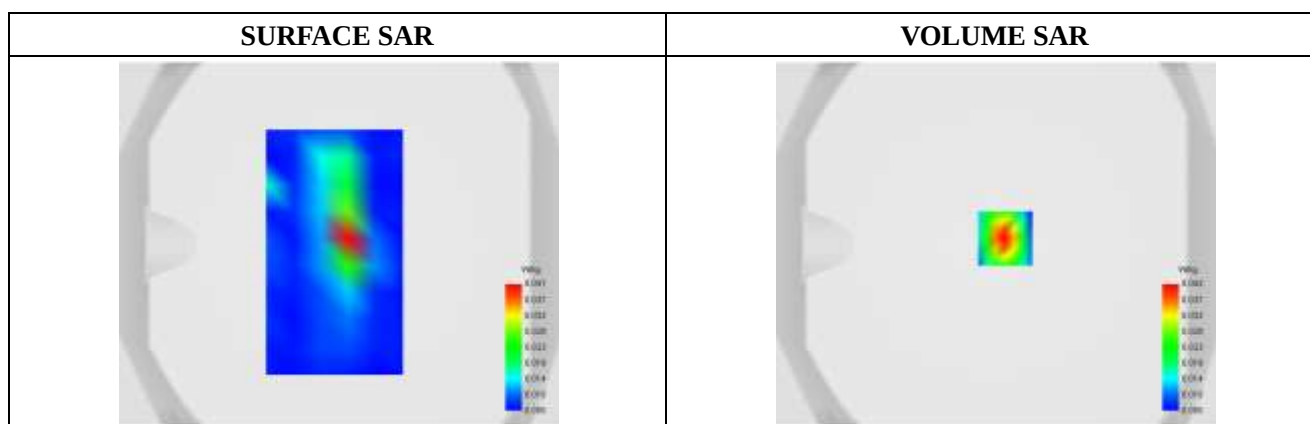
B. SAR Measurement Results

Frequency (MHz)	2440.0
Relative permittivity (real part)	40.58
Conductivity (S/m)	1.79
Variation (%)	0.24

Maximum location: X=5.00, Y=3.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.018747
SAR 1g (W/Kg)	0.037651



Z Axis Scan

