

Testing result (WI-FI 2.4G 802.11b ANT 0, Front, Low, 0mm)

Type: phone measurement

Date of measurement: 07/16/2024

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	WI-FI 802.11b
Channels	Low
Signal	DSSS(Crest factor: 1.0)

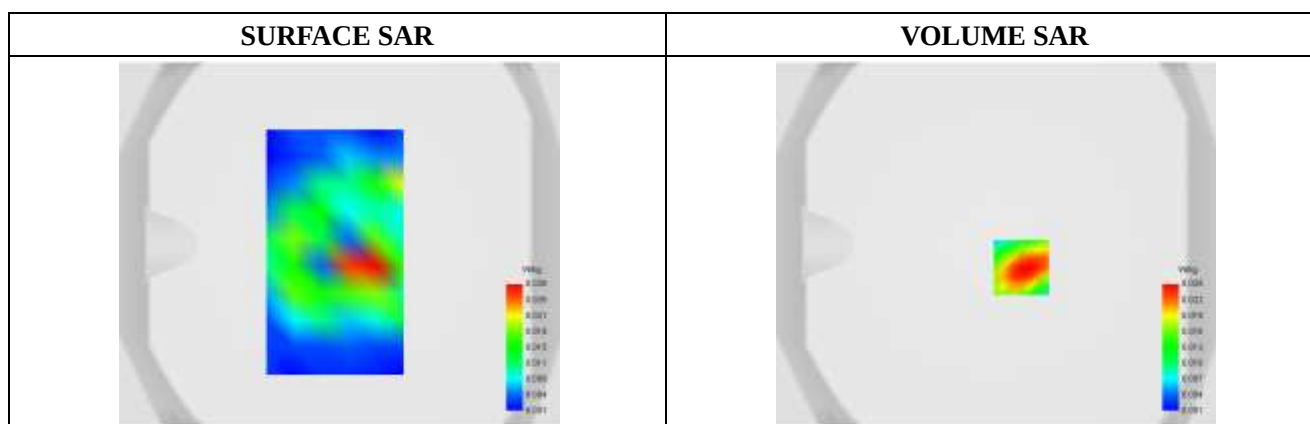
B. SAR Measurement Results

Frequency (MHz)	2412.0
Relative permittivity (real part)	39.05
Conductivity (S/m)	1.74
Variation (%)	-0.52

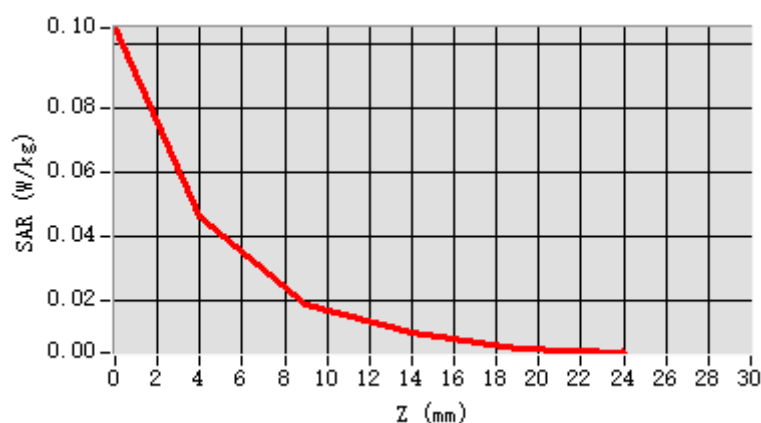
Maximum location: X=14.00, Y=-13.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.020285
SAR 1g (W/Kg)	0.042987



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11a ANT 0, Back, Low, 0mm)

Type: phone measurement

Date of measurement: 07/12/2024

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	Low
Signal	OFDM(Crest factor: 1.0)

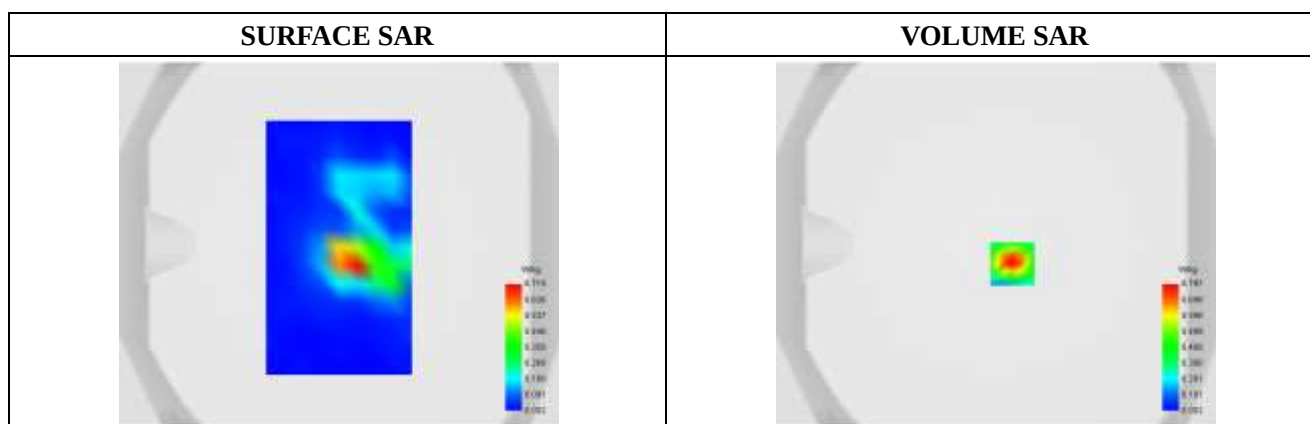
B. SAR Measurement Results

Frequency (MHz)	5180.0
Relative permittivity (real part)	35.76
Conductivity (S/m)	4.65
Variation (%)	-1.11

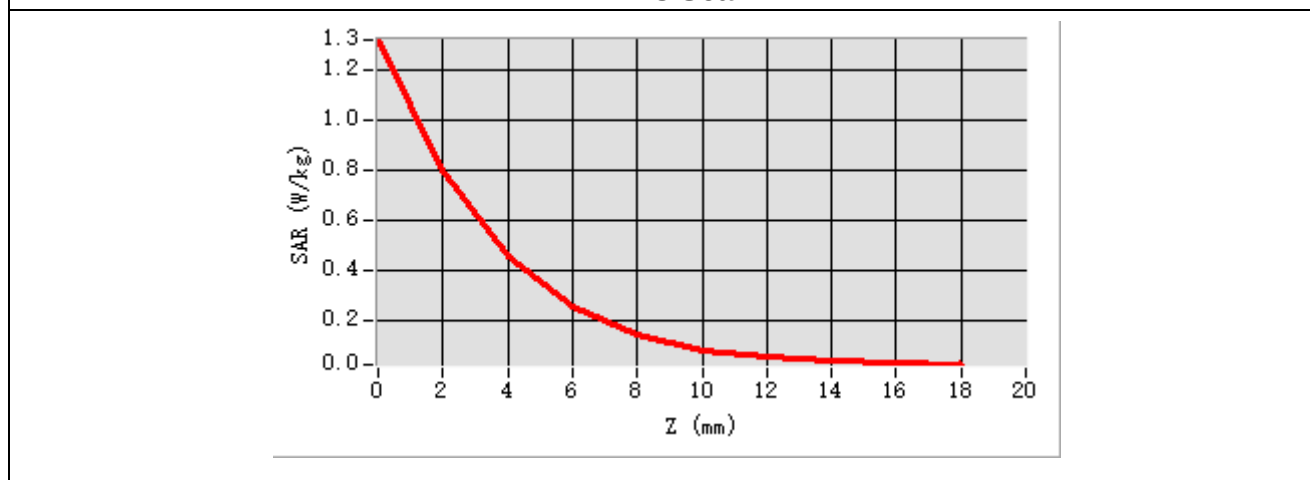
Maximum location: X=9.00, Y=-11.00

SAR Peak: 1.31 W/kg

SAR 10g (W/Kg)	0.155675
SAR 1g (W/Kg)	0.444387



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11a ANT 0, Back, Low, 0mm)

Type: phone measurement

Date of measurement: 07/12/2024

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	Low
Signal	OFDM(Crest factor: 1.0)

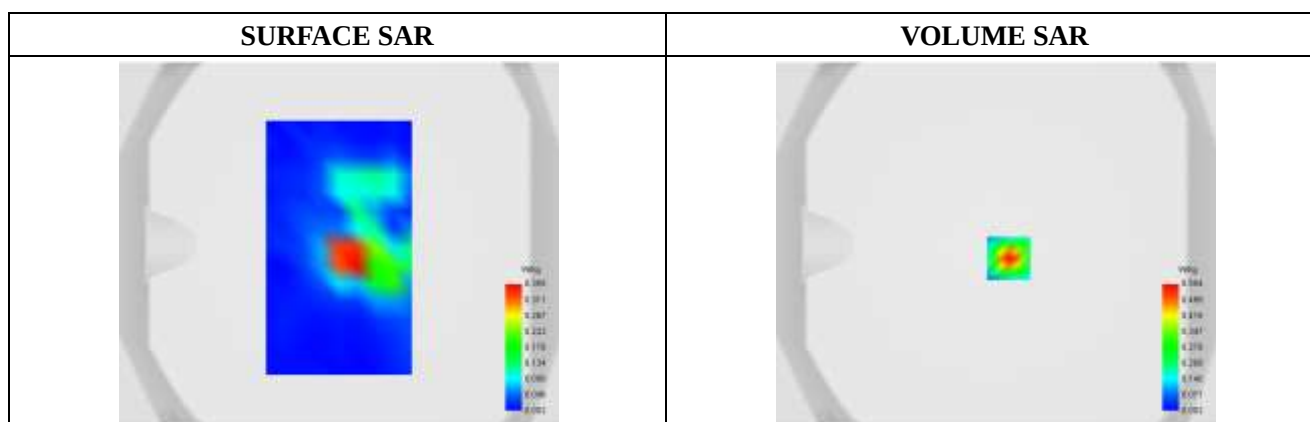
B. SAR Measurement Results

Frequency (MHz)	5260.0
Relative permittivity (real part)	35.65
Conductivity (S/m)	4.70
Variation (%)	-0.17

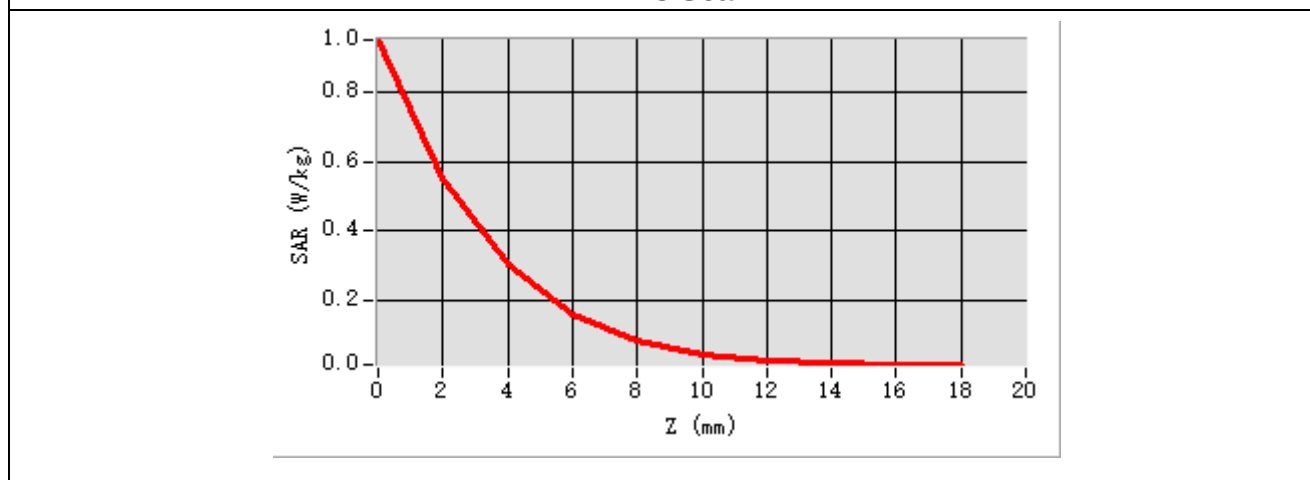
Maximum location: X=7.00, Y=-8.00

SAR Peak: 1.01 W/kg

SAR 10g (W/Kg)	0.092956
SAR 1g (W/Kg)	0.290882



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11a ANT 0, Back, Low, 0mm)

Type: phone measurement

Date of measurement: 07/14/2024

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	Low
Signal	OFDM(Crest factor: 1.0)

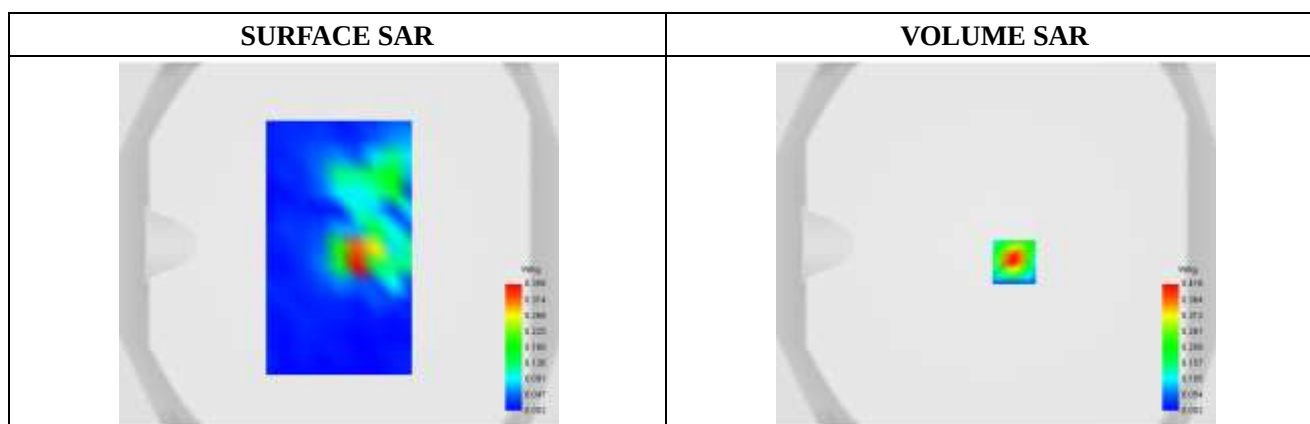
B. SAR Measurement Results

Frequency (MHz)	5500.0
Relative permittivity (real part)	35.21
Conductivity (S/m)	5.04
Variation (%)	0.17

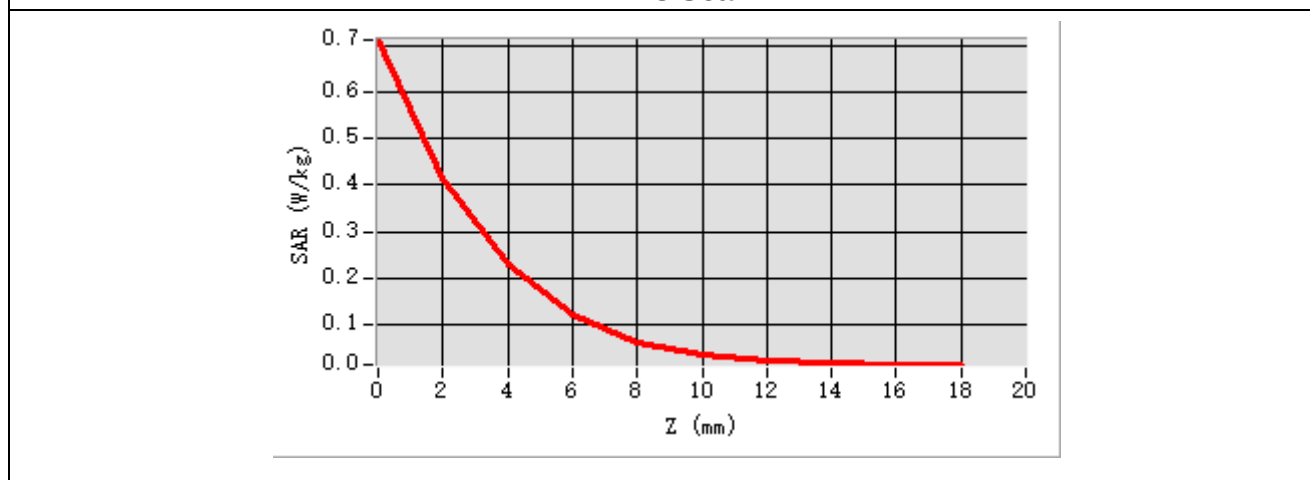
Maximum location: X=10.00, Y=-10.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.070724
SAR 1g (W/Kg)	0.223164



Z Axis Scan



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

Type: phone measurement

Date of measurement: 07/13/2024

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)

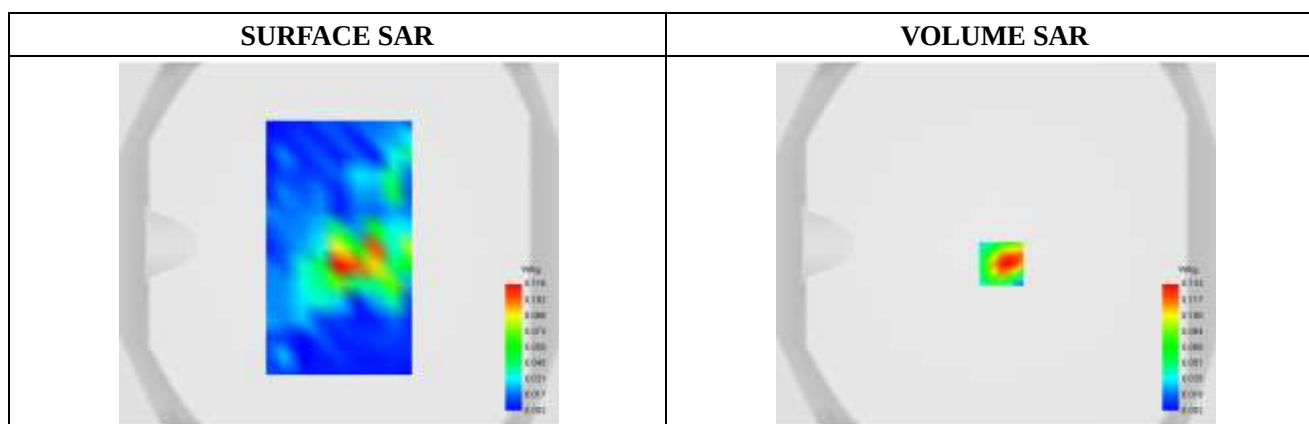
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	34.66
Conductivity (S/m)	5.37
Variation (%)	0.40

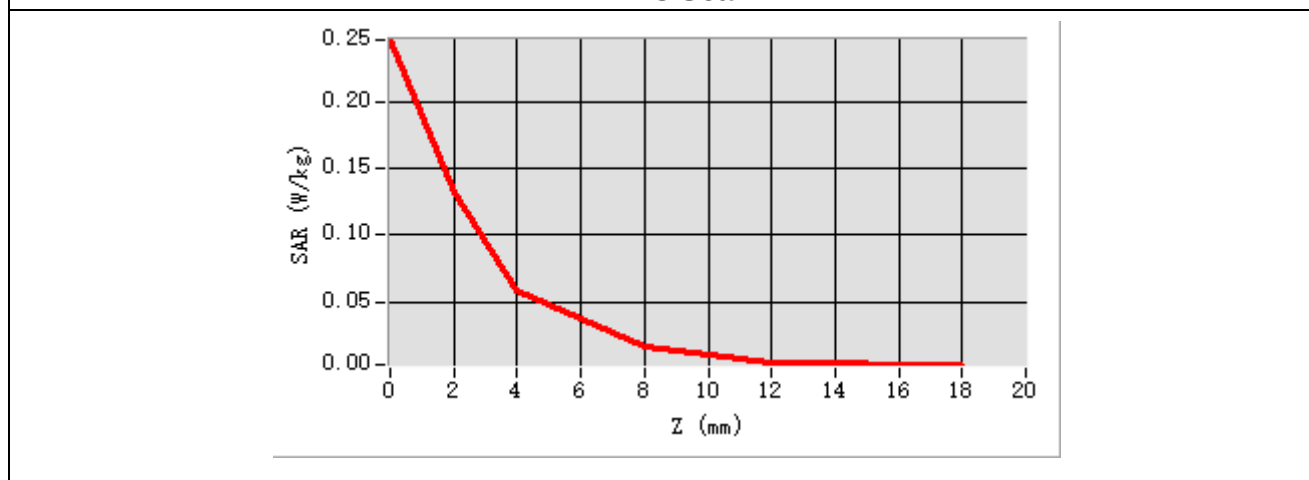
Maximum location: X=3.00, Y=-11.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.025638
SAR 1g (W/Kg)	0.076956



Z Axis Scan



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

Type: phone measurement

Date of measurement: 07/16/2024

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)

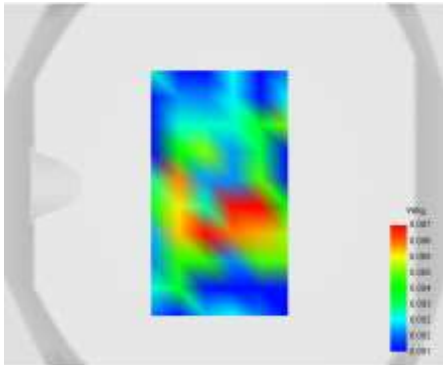
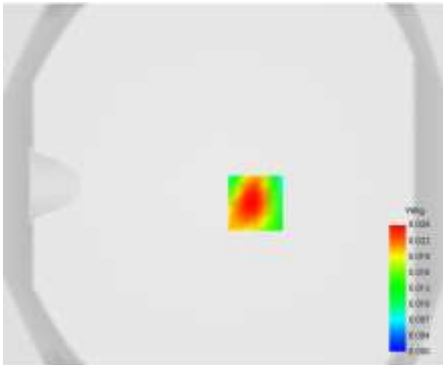
B. SAR Measurement Results

Frequency (MHz)	2441.0
Relative permittivity (real part)	38.96
Conductivity (S/m)	1.77
Variation (%)	-1.14

Maximum location: X=18.00, Y=-10.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.009710
SAR 1g (W/Kg)	0.019152

SURFACE SAR	VOLUME SAR
	

Z Axis Scan

