



System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 09/08/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	750MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

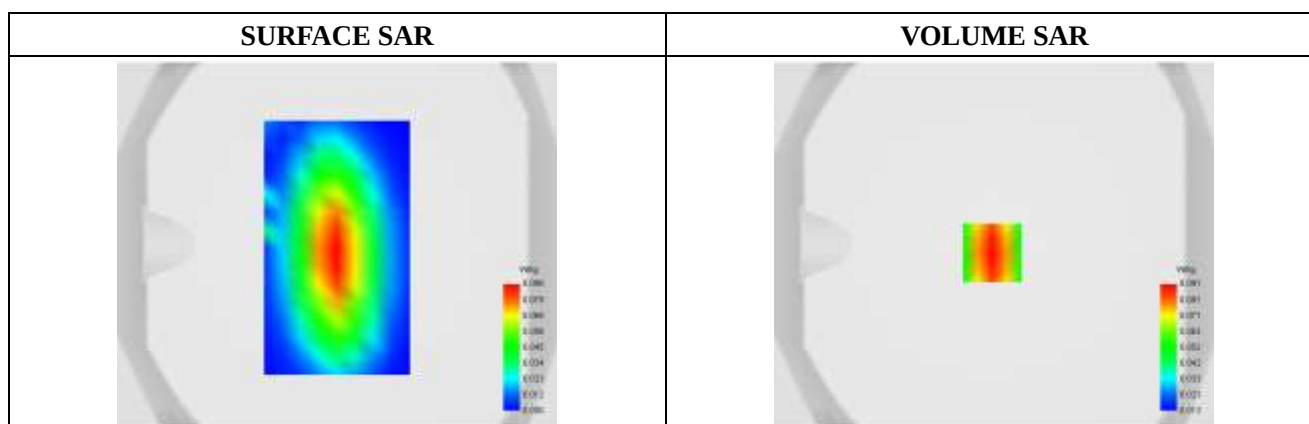
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	41.25
Conductivity (S/m)	0.87
Variation (%)	-0.19

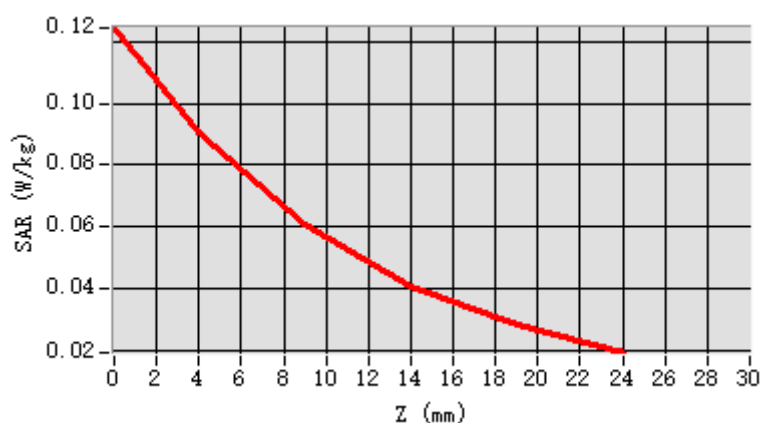
Maximum location: X=-1.00, Y=-5.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.055029
SAR 1g (W/Kg)	0.085784



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 09/12/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

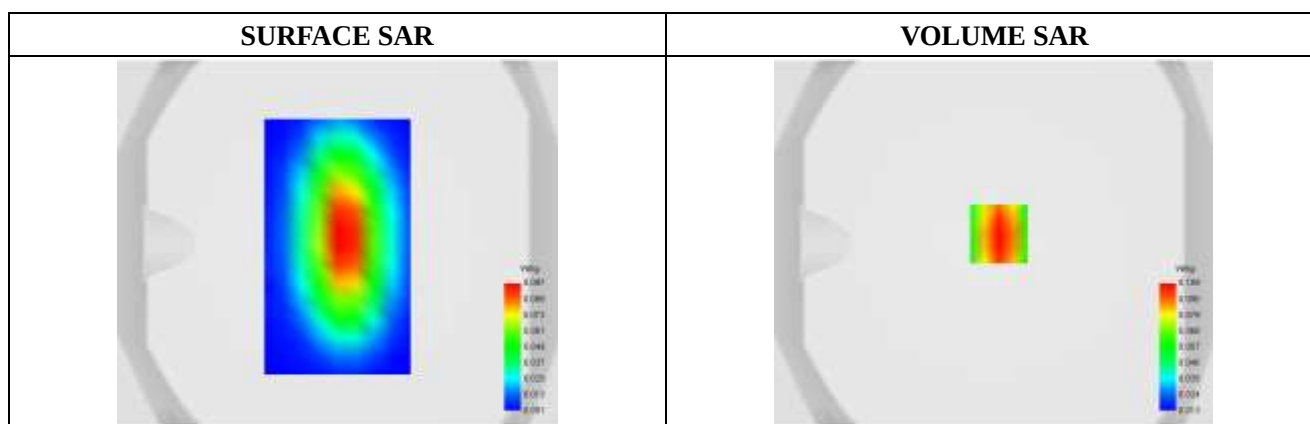
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	42.29
Conductivity (S/m)	0.93
Variation (%)	-0.14

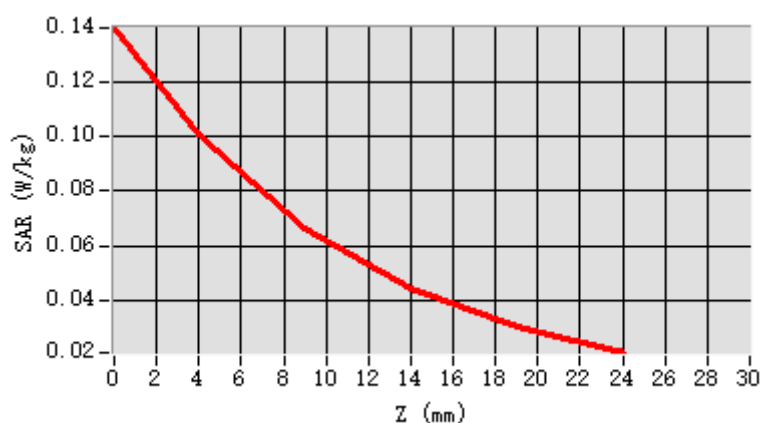
Maximum location: X=3.00, Y=5.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.066502
SAR 1g (W/Kg)	0.102047



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 09/14/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

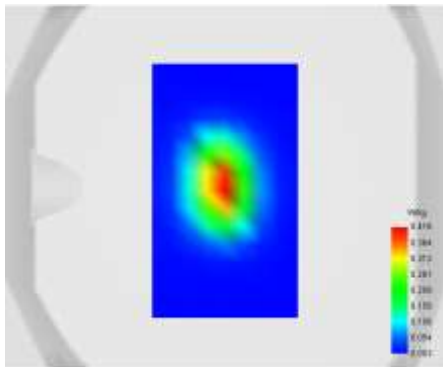
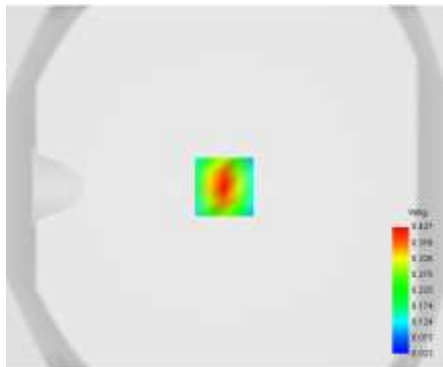
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	41.15
Conductivity (S/m)	1.40
Variation (%)	-0.19

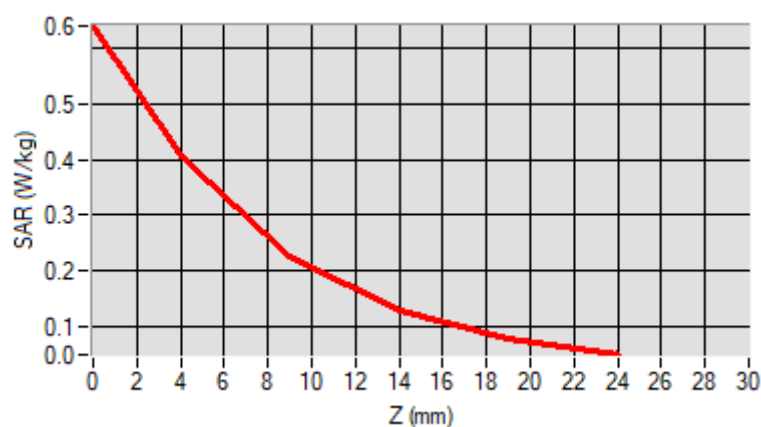
Maximum location: X=0.00, Y=-1.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.199693
SAR 1g (W/Kg)	0.385014

SURFACE SAR	VOLUME SAR
	

Z Axis Scan





System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 09/11/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

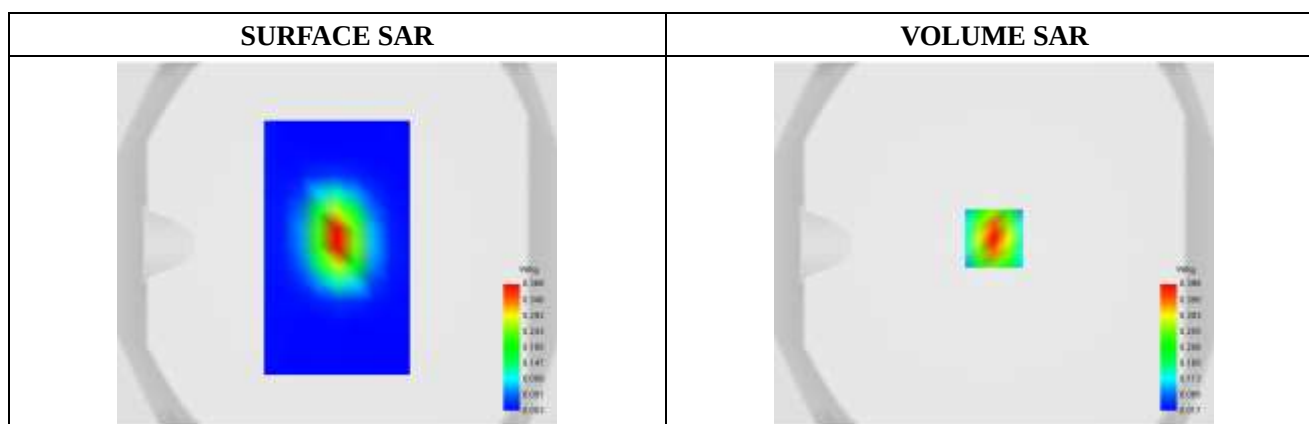
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.09
Conductivity (S/m)	1.42
Variation (%)	0.33

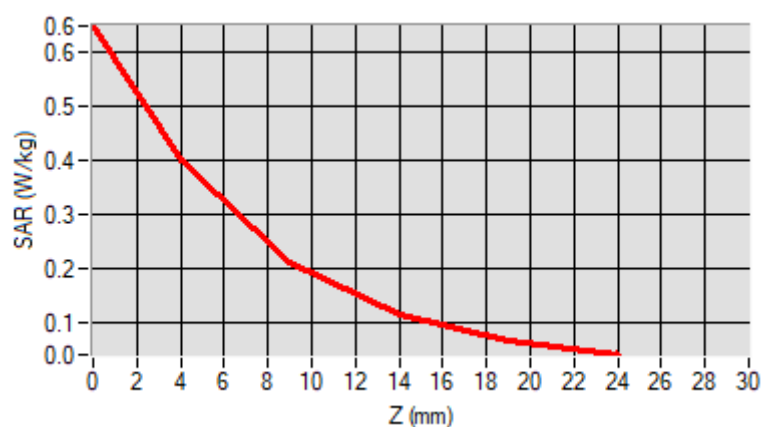
Maximum location: X=0.00, Y=3.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.198129
SAR 1g (W/Kg)	0.379318



Z Axis Scan



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 09/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

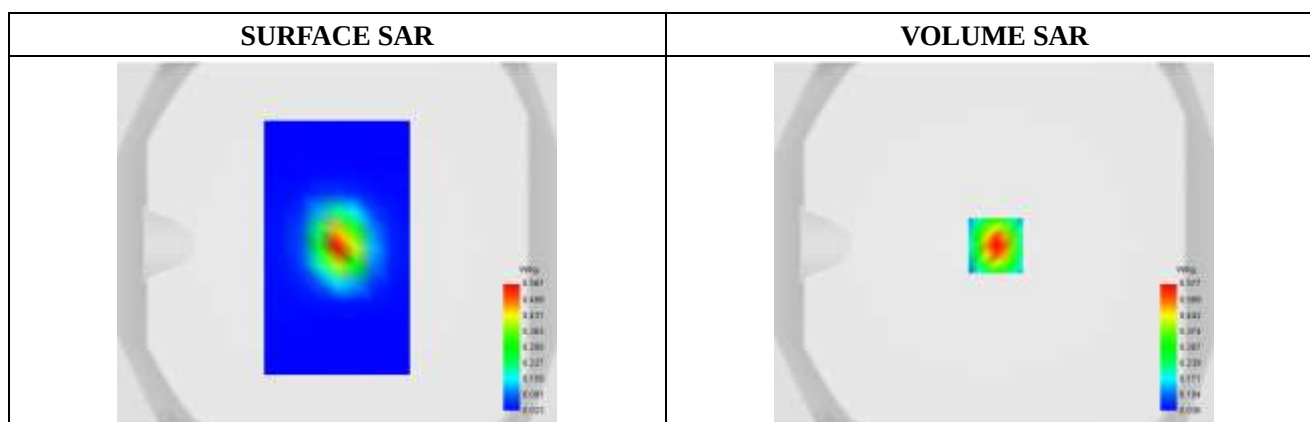
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.78
Conductivity (S/m)	1.76
Variation (%)	-0.70

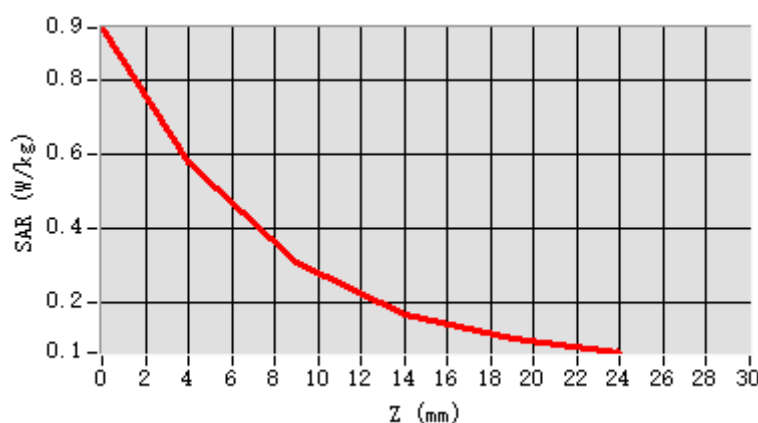
Maximum location: X=1.00, Y=-1.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.244615
SAR 1g (W/Kg)	0.520639



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 09/10/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

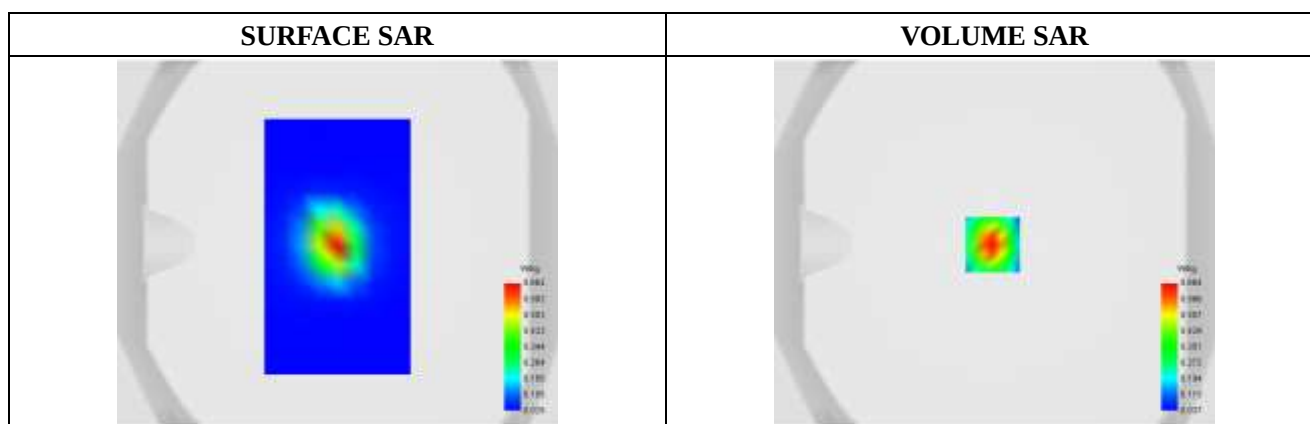
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.11
Conductivity (S/m)	1.97
Variation (%)	0.43

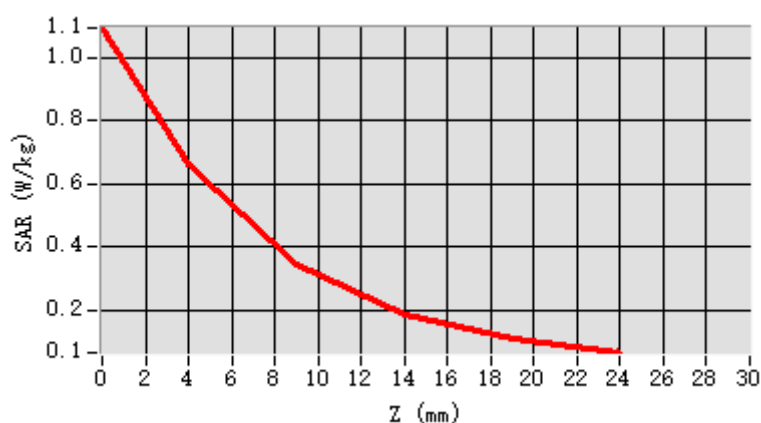
Maximum location: X=-1.00, Y=-1.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.274026
SAR 1g (W/Kg)	0.593712



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 08/28/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5200MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

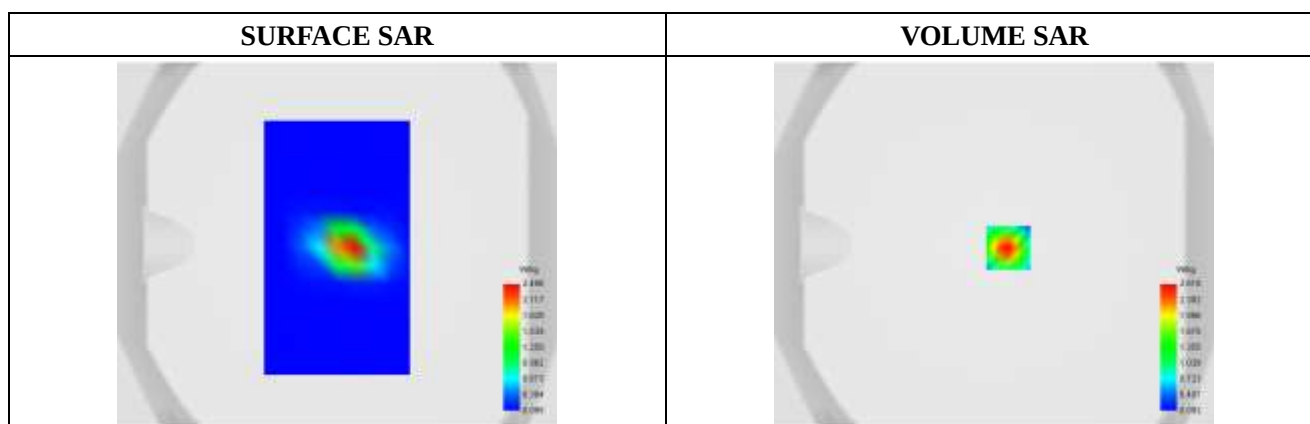
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.42
Conductivity (S/m)	4.59
Variation (%)	-0.14

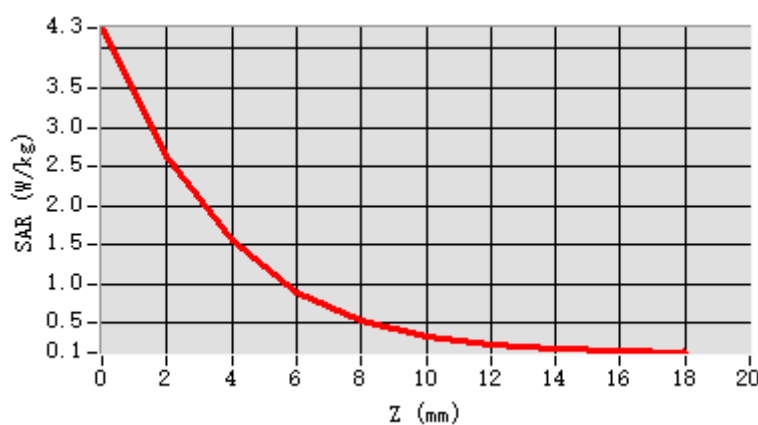
Maximum location: X=8.00, Y=-2.00

SAR Peak: 4.26 W/kg

SAR 10g (W/Kg)	0.538726
SAR 1g (W/Kg)	1.473639



Z Axis Scan





System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 08/30/2024

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5800MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

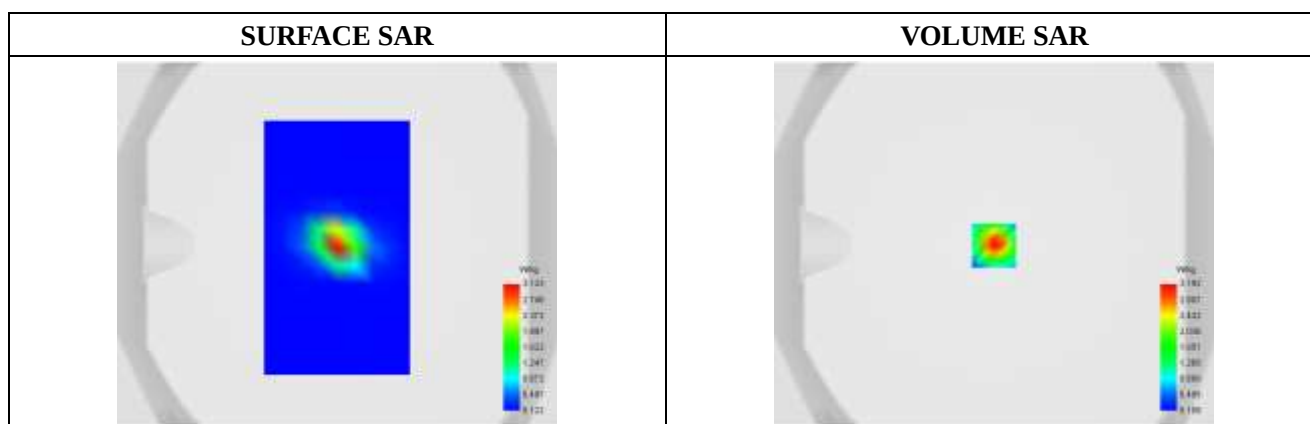
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	35.43
Conductivity (S/m)	5.14
Variation (%)	-0.17

Maximum location: X=0.00, Y=-1.00

SAR Peak: 5.45 W/kg

SAR 10g (W/Kg)	0.625037
SAR 1g (W/Kg)	1.756974



Z Axis Scan

