



Appendix A: SAR System performance Check Plots

Measurement	Liquid	Frequency	Test Date
System Check	Head	750	2023/11/14
System Check	Head	750	2023/12/06
System Check	Head	835	2023/10/19
System Check	Head	835	2023/10/21
System Check	Head	835	2023/12/15
System Check	Head	835	2023/12/17
System Check	Head	1800	2023/11/13
System Check	Head	1800	2023/12/10
System Check	Head	1800	2023/12/13
System Check	Head	1900	2023/11/09
System Check	Head	1900	2023/11/30
System Check	Head	1900	2023/12/09
System Check	Head	1900	2023/12/14
System Check	Head	2450	2023/10/29
System Check	Head	2450	2023/11/06
System Check	Head	2600	2023/11/08
System Check	Head	2600	2023/11/10
System Check	Head	2600	2023/11/25
System Check	Head	2600	2023/12/18
System Check	Head	2600	2023/12/24
System Check	Head	3500	2023/10/27
System Check	Head	3500	2023/11/18
System Check	Head	3500	2023/11/24
System Check	Head	3500	2023/12/20
System Check	Head	3700	2023/11/18
System Check	Head	3700	2023/12/20
System Check	Head	3900	2023/11/18
System Check	Head	5200	2023/12/08
System Check	Head	5400	2023/12/08
System Check	Head	5600	2023/12/07
System Check	Head	5800	2023/12/07

System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 11/14/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

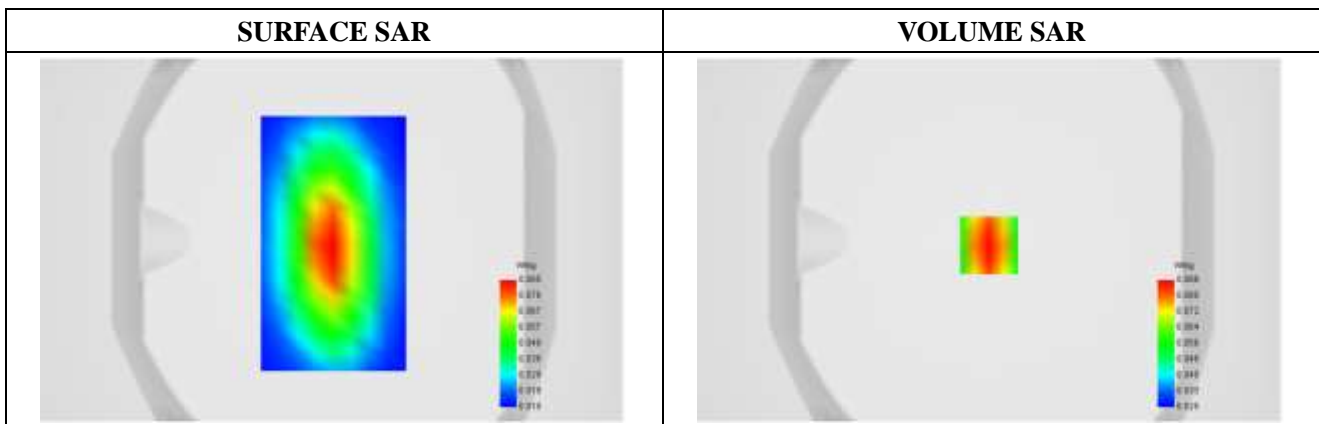
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	42.31
Conductivity (S/m)	0.88
Variation (%)	0.29

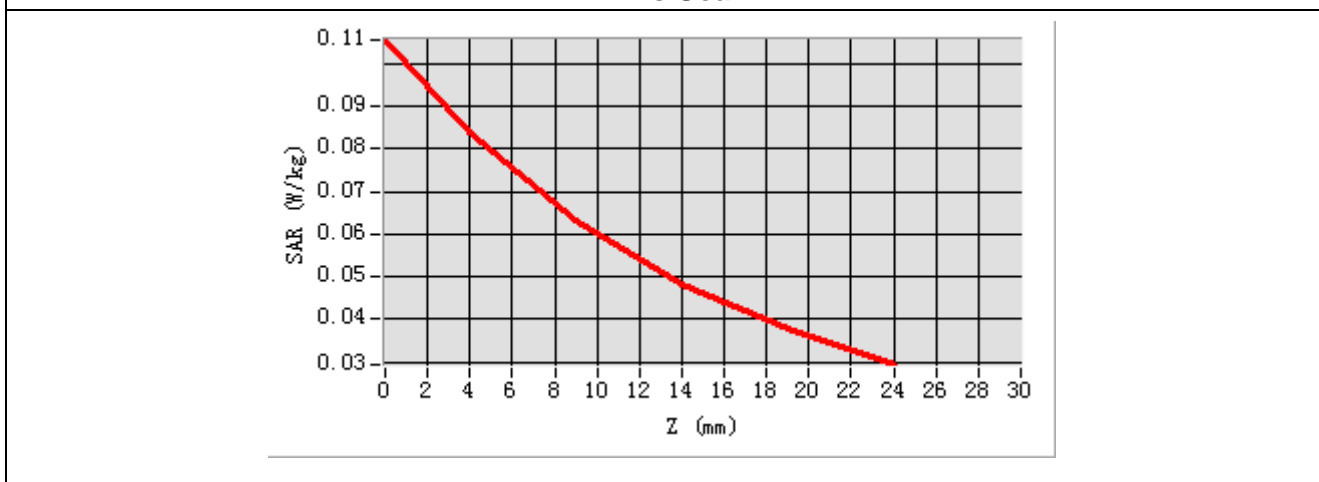
Maximum location: X=1.00, Y=-3.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.056653
SAR 1g (W/Kg)	0.086020



Z Axis Scan



System Performance Check (750MHz)

Type: Validation measurement

Date of measurement: 12/06/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

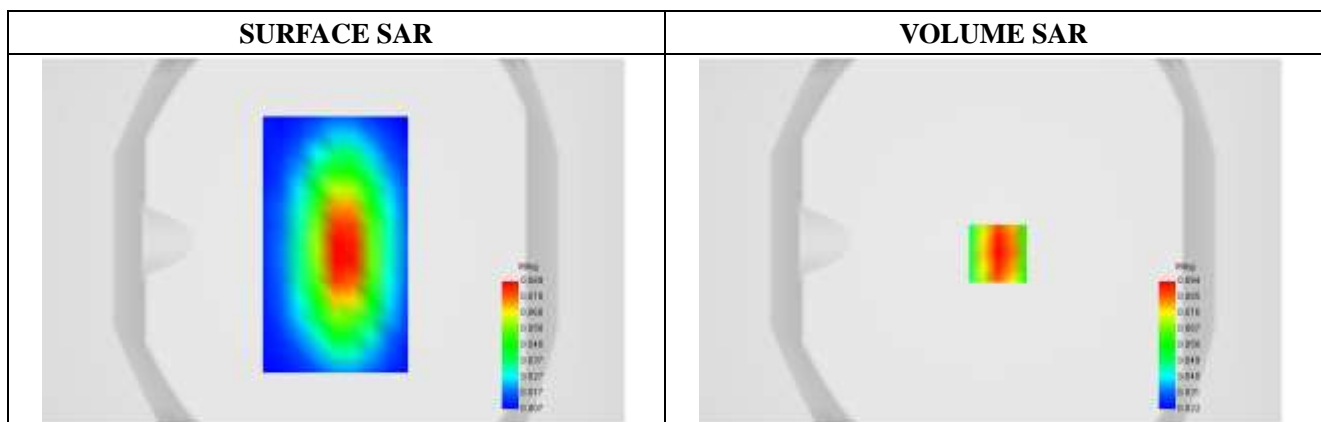
B. SAR Measurement Results

Frequency (MHz)	750
Relative permittivity (real part)	41.79
Conductivity (S/m)	0.88
Variation (%)	0.12

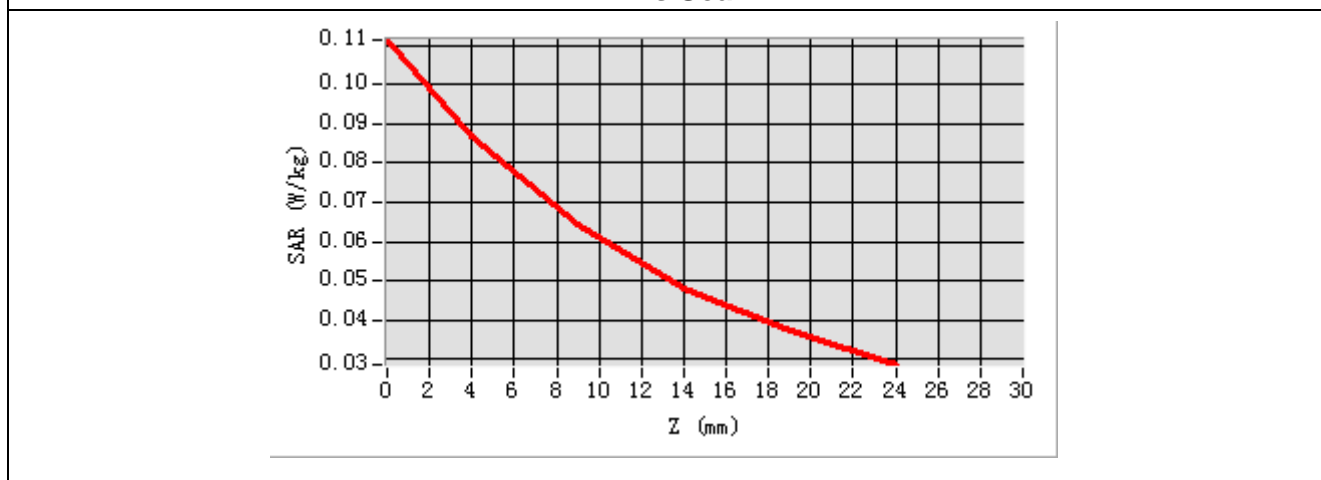
Maximum location: X=3.00, Y=-6.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.058026
SAR 1g (W/Kg)	0.090104



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 10/19/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

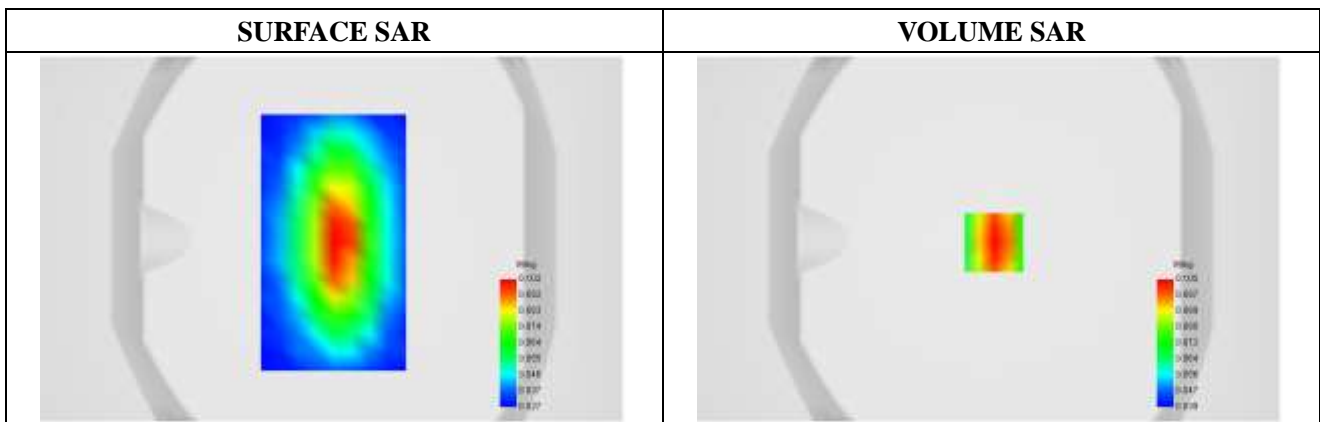
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.35
Conductivity (S/m)	0.92
Variation (%)	0.20

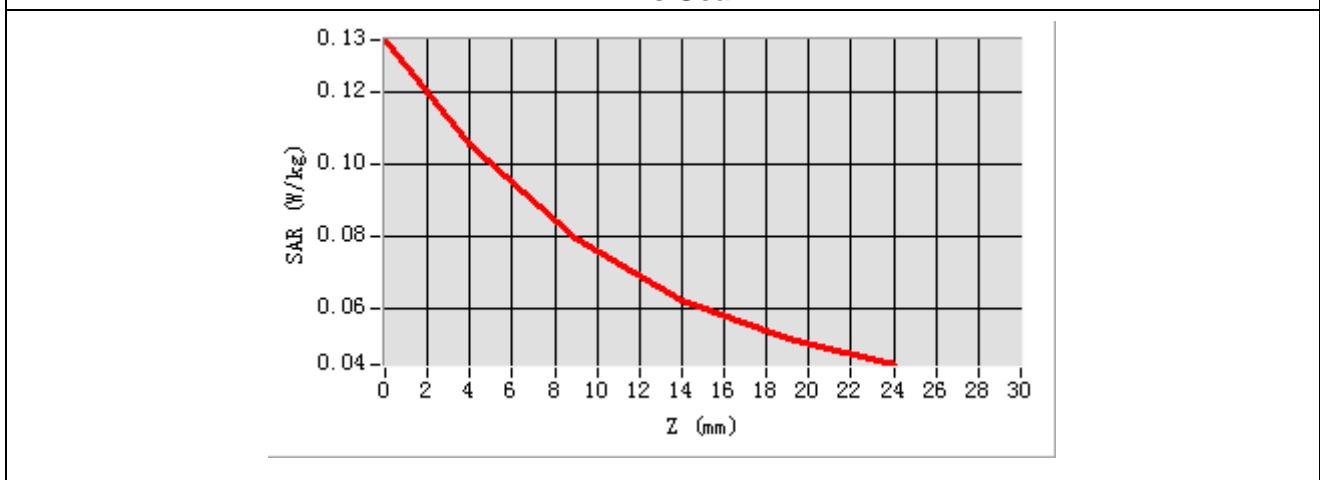
Maximum location: X=2.00, Y=-2.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.067976
SAR 1g (W/Kg)	0.103314



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 10/21/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

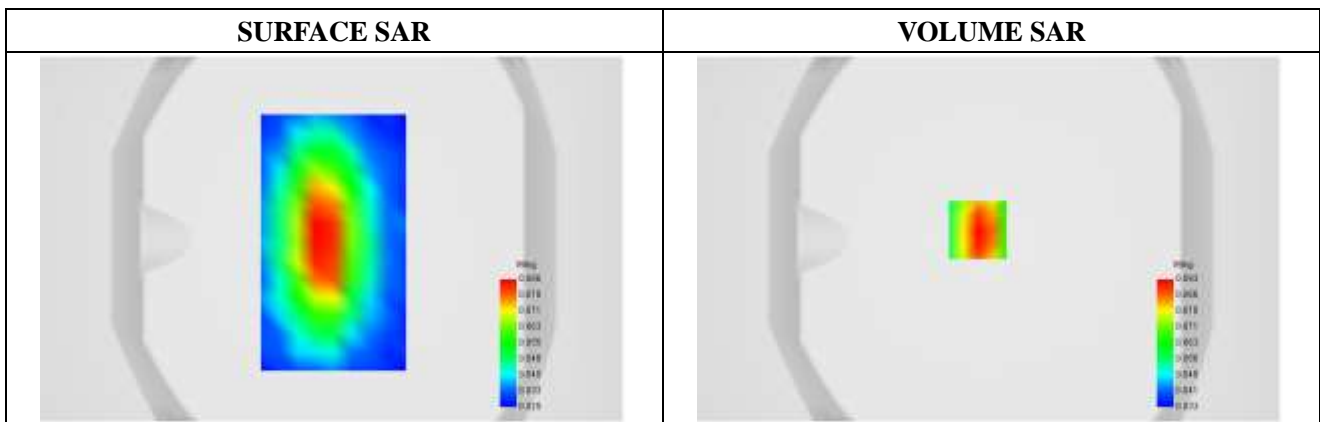
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.92
Conductivity (S/m)	0.91
Variation (%)	0.40

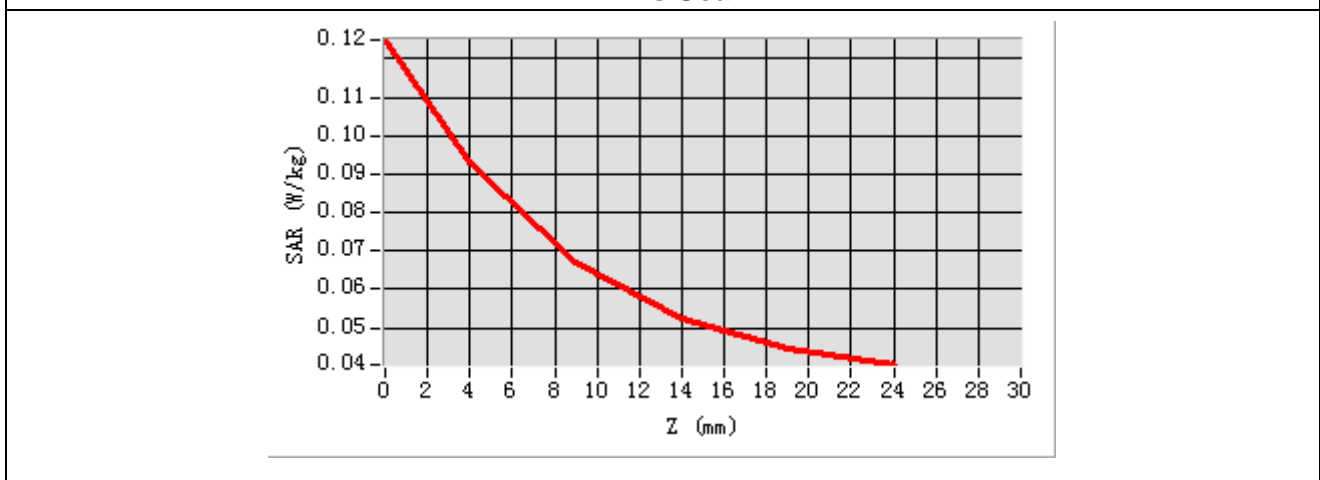
Maximum location: X=-7.00, Y=5.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.064775
SAR 1g (W/Kg)	0.095868



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 12/15/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

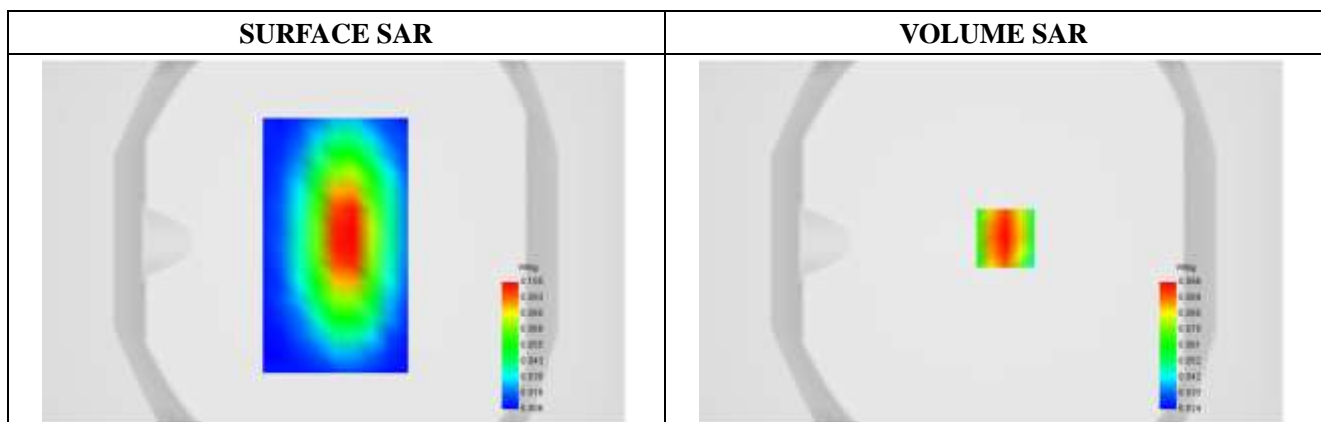
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.87
Conductivity (S/m)	0.91
Variation (%)	0.12

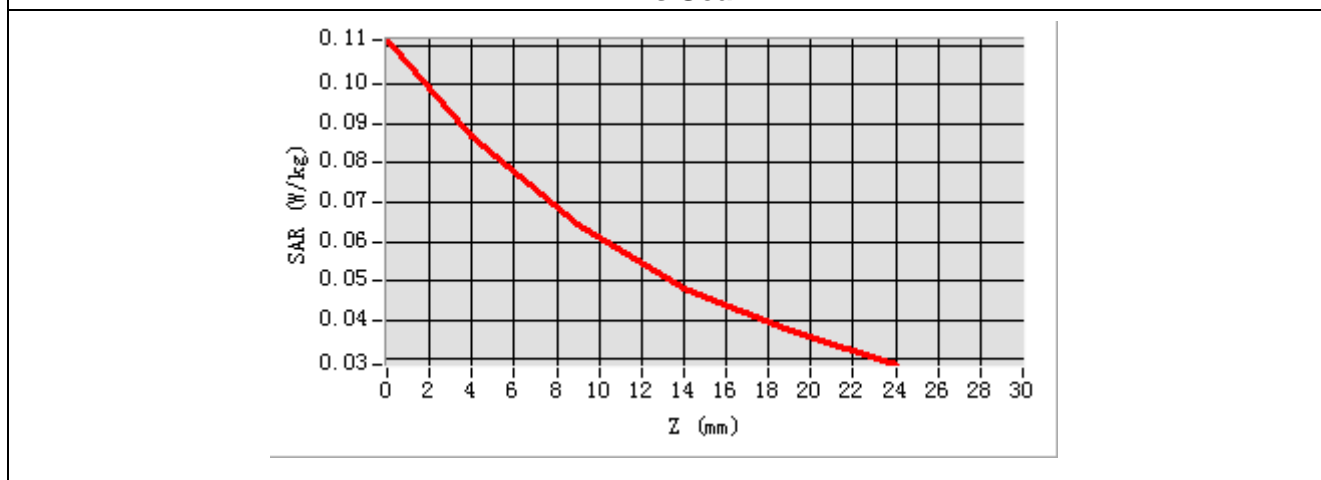
Maximum location: X=6.00, Y=3.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.061302
SAR 1g (W/Kg)	0.096329



Z Axis Scan



System Performance Check (835MHz)

Type: Validation measurement

Date of measurement: 12/17/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

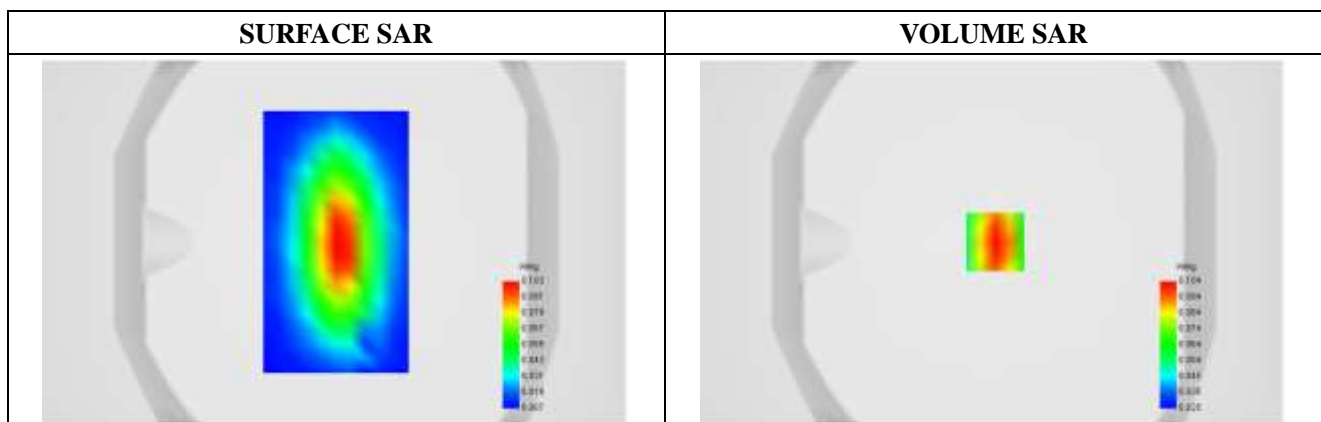
B. SAR Measurement Results

Frequency (MHz)	835
Relative permittivity (real part)	41.49
Conductivity (S/m)	0.90
Variation (%)	-0.09

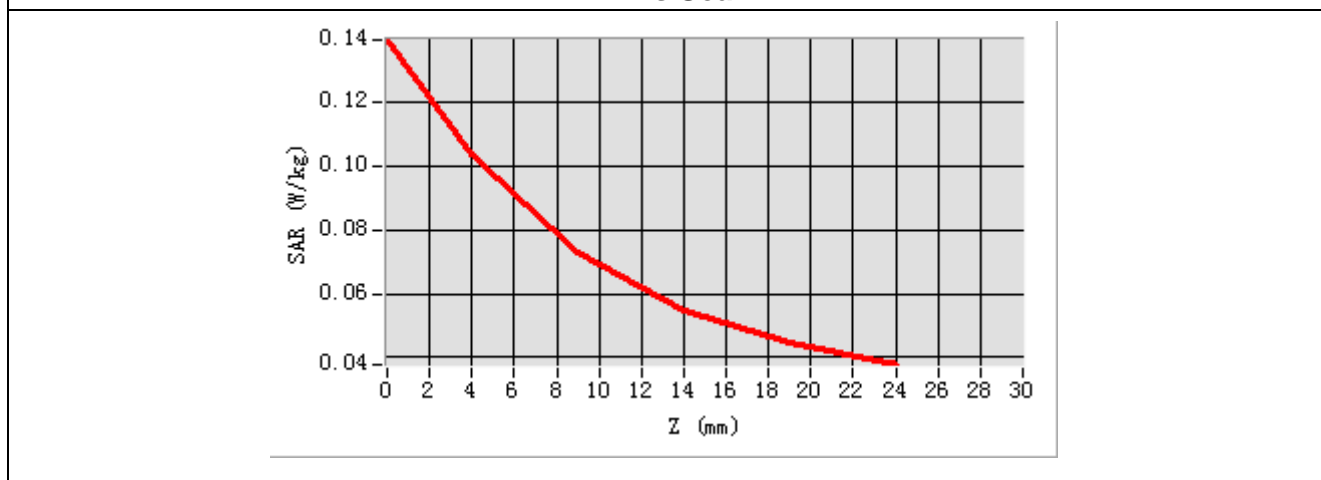
Maximum location: X=2.00, Y=-1.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.064870
SAR 1g (W/Kg)	0.100206



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 11/13/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

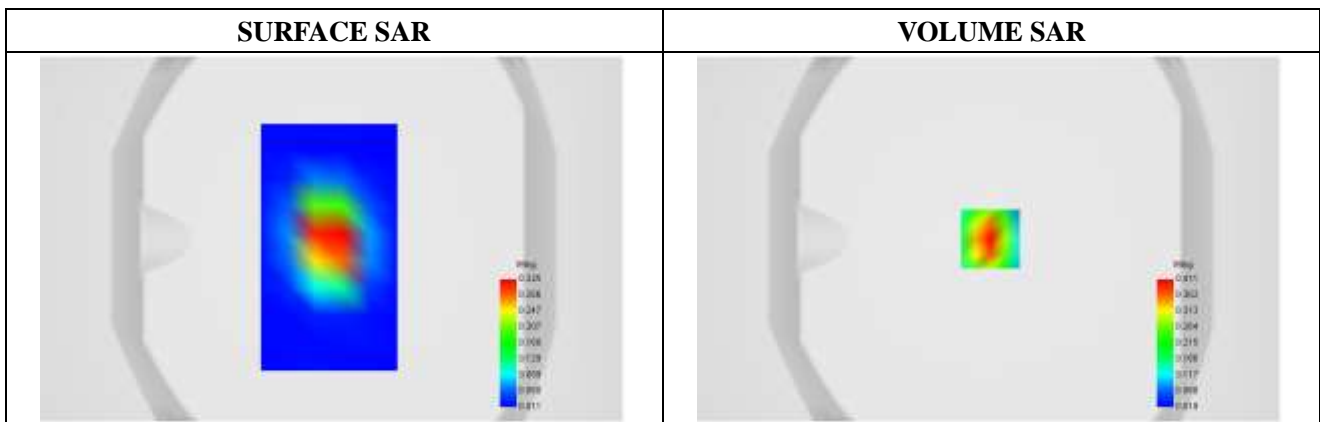
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.59
Conductivity (S/m)	1.39
Variation (%)	0.62

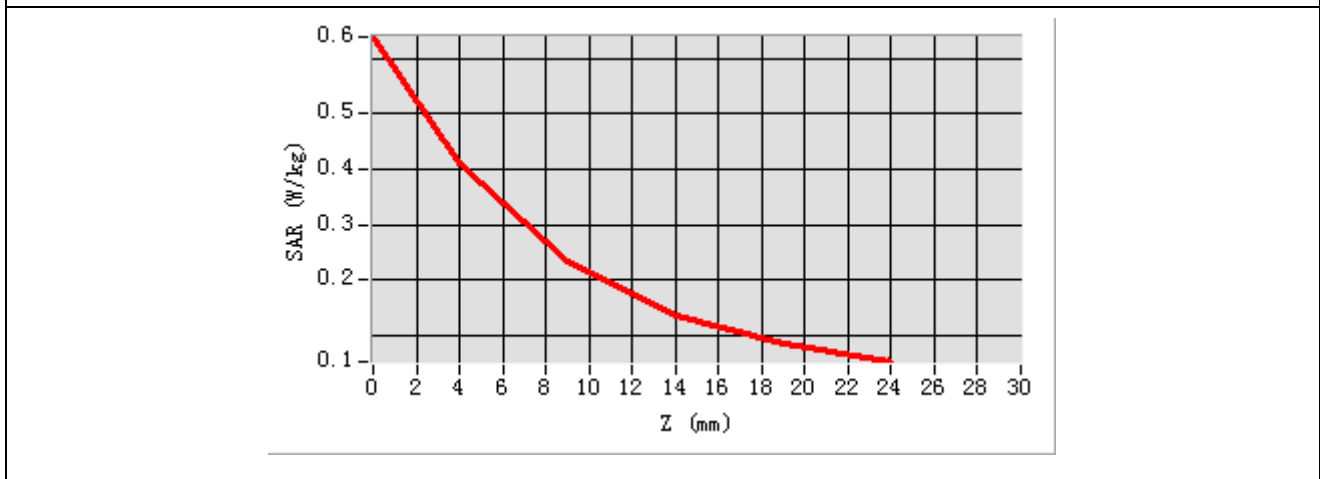
Maximum location: X=0.00, Y=0.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.204072
SAR 1g (W/Kg)	0.383523



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 12/10/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

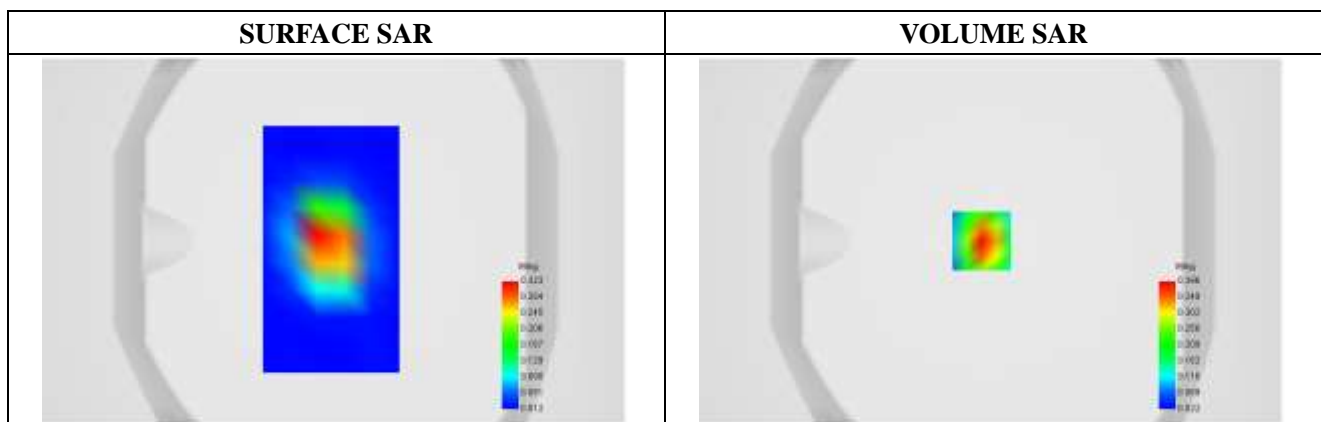
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.36
Variation (%)	0.20

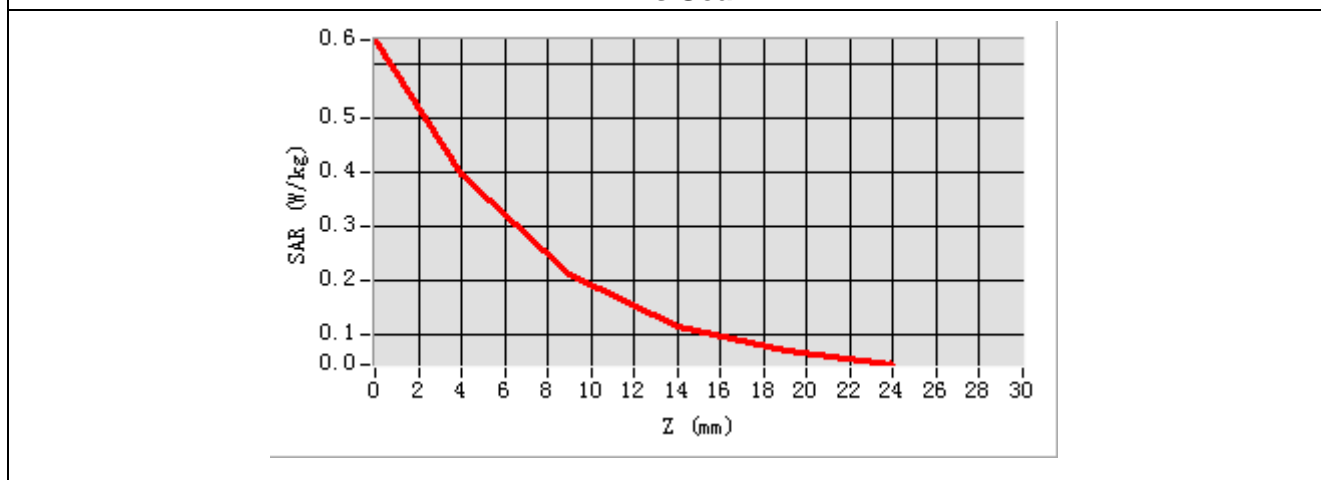
Maximum location: X=-5.00, Y=0.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.203105
SAR 1g (W/Kg)	0.395511



Z Axis Scan



System Performance Check (1800MHz)

Type: Validation measurement

Date of measurement: 12/13/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

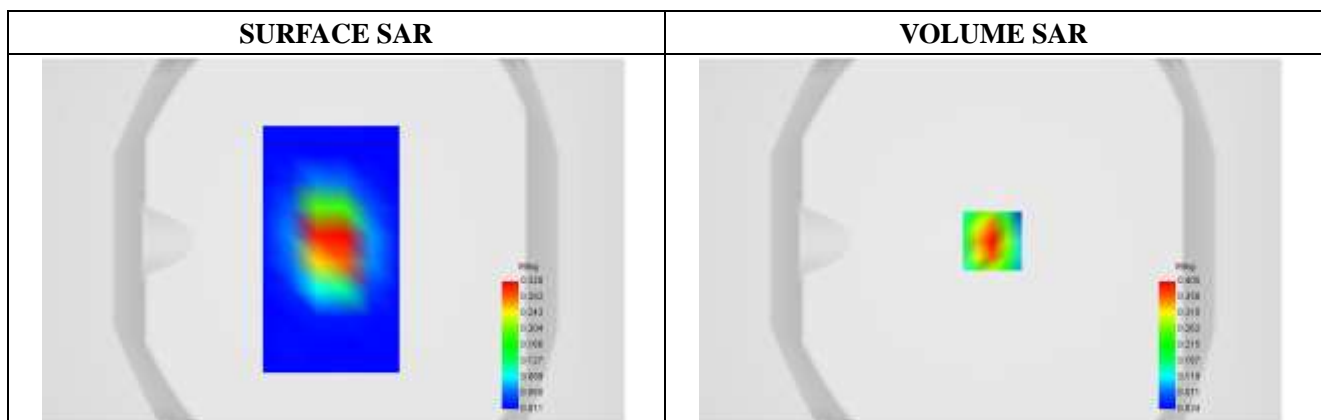
B. SAR Measurement Results

Frequency (MHz)	1800
Relative permittivity (real part)	39.91
Conductivity (S/m)	1.38
Variation (%)	0.10

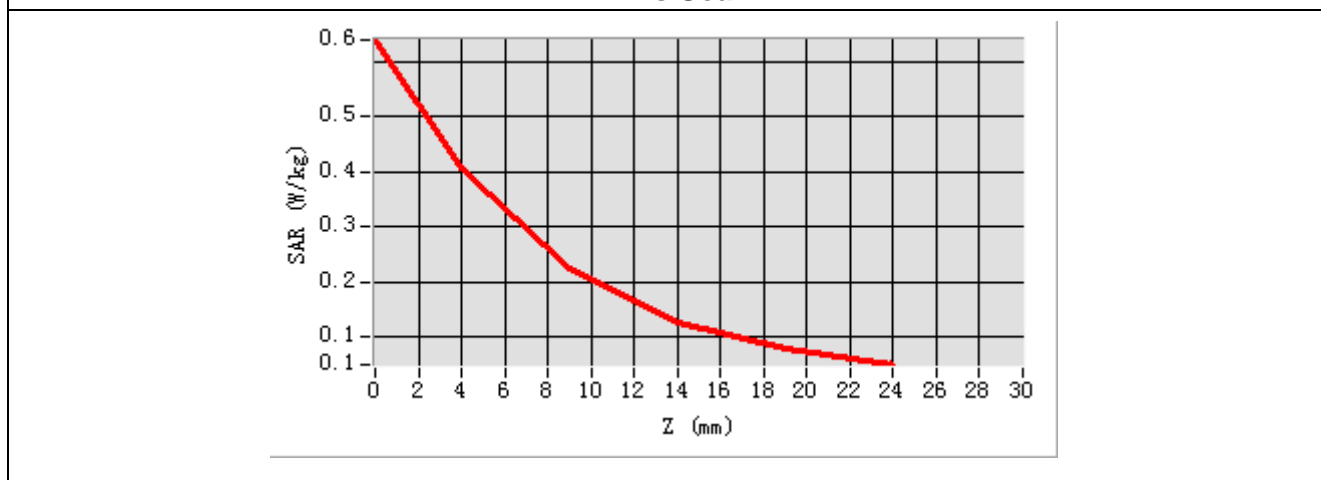
Maximum location: X=1.00, Y=0.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.200369
SAR 1g (W/Kg)	0.377017



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 11/09/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

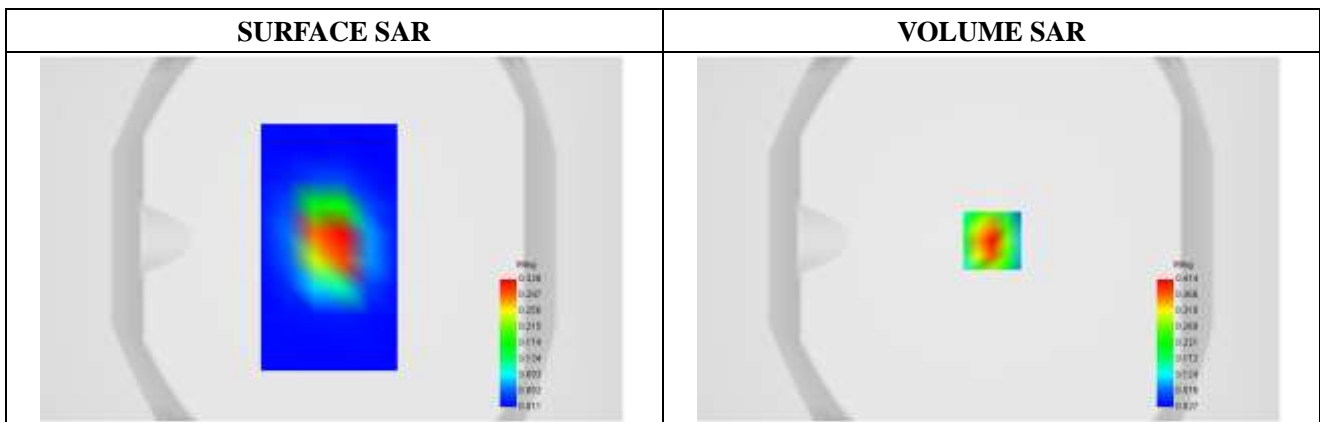
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.08
Conductivity (S/m)	1.42
Variation (%)	0.15

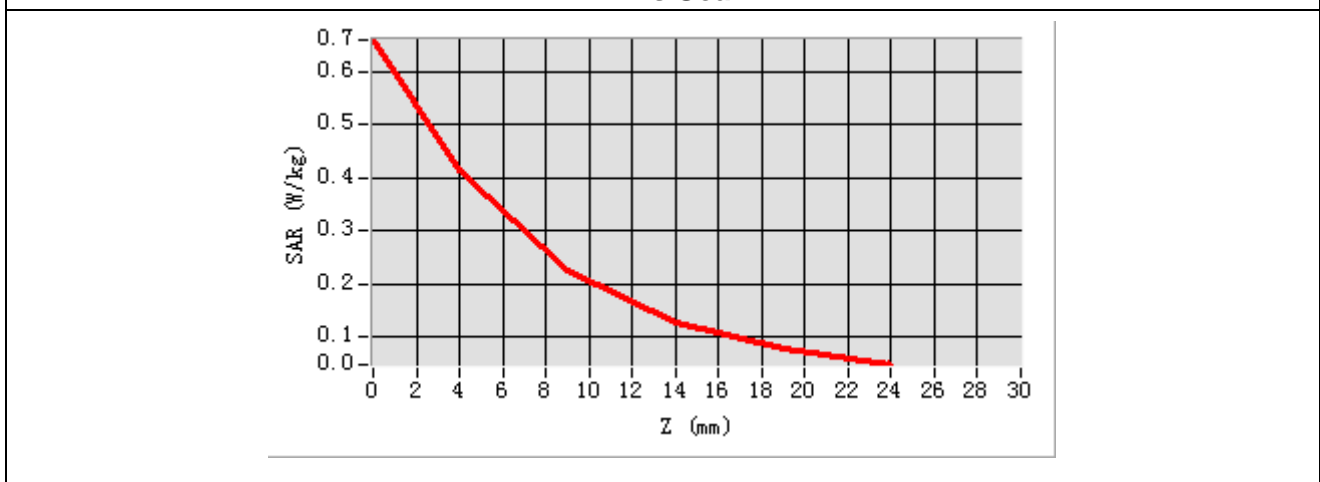
Maximum location: X=1.00, Y=-1.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.206905
SAR 1g (W/Kg)	0.399583



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 11/30/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

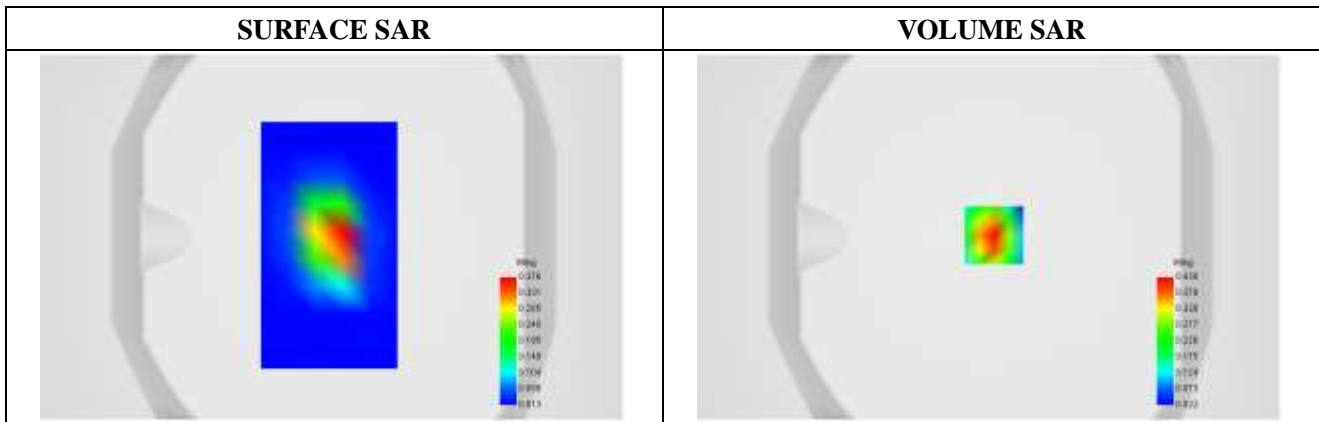
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.26
Conductivity (S/m)	1.43
Variation (%)	-0.12

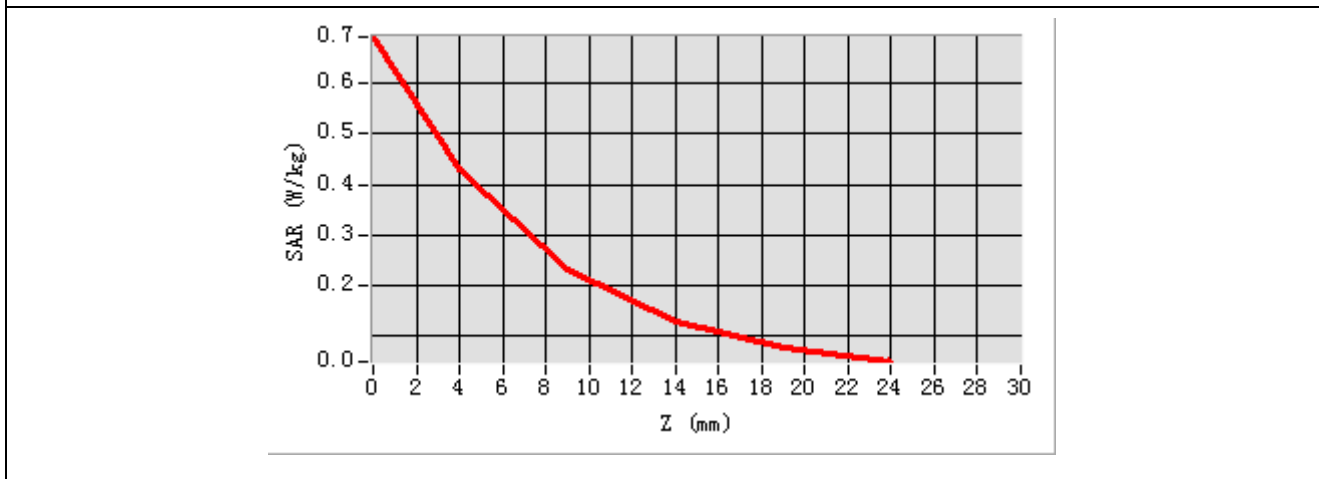
Maximum location: X=2.00, Y=1.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.219152
SAR 1g (W/Kg)	0.418285



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 12/09/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

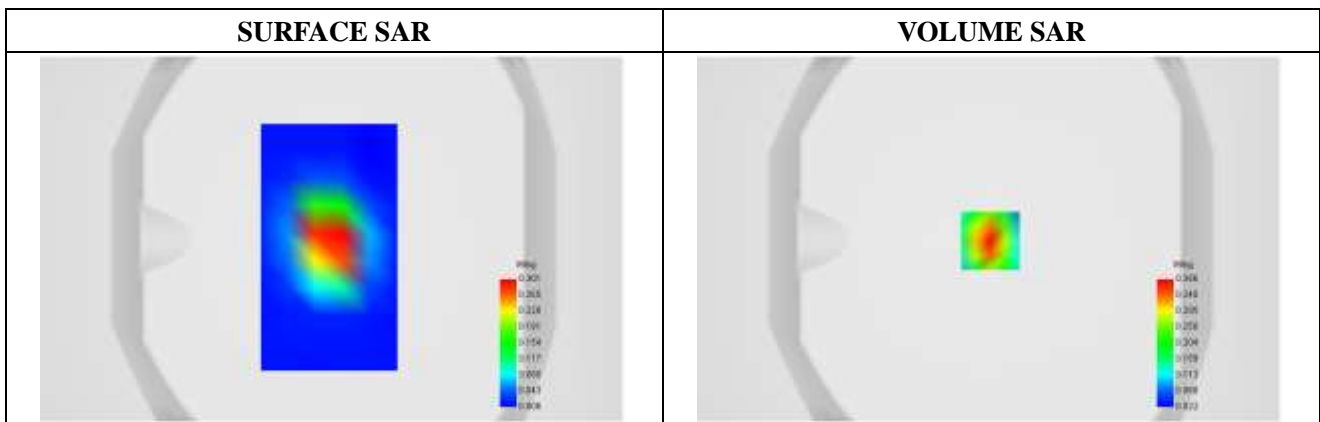
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	40.49
Conductivity (S/m)	1.42
Variation (%)	0.18

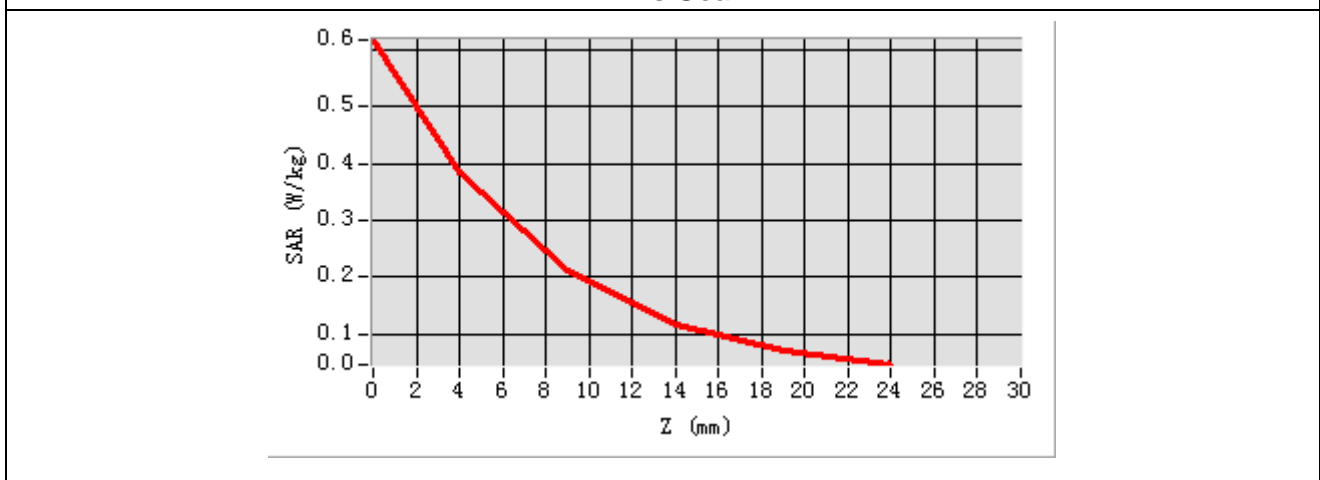
Maximum location: X=-0.00, Y=-2.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.198521
SAR 1g (W/Kg)	0.376180



Z Axis Scan



System Performance Check (1900MHz)

Type: Validation measurement

Date of measurement: 12/14/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

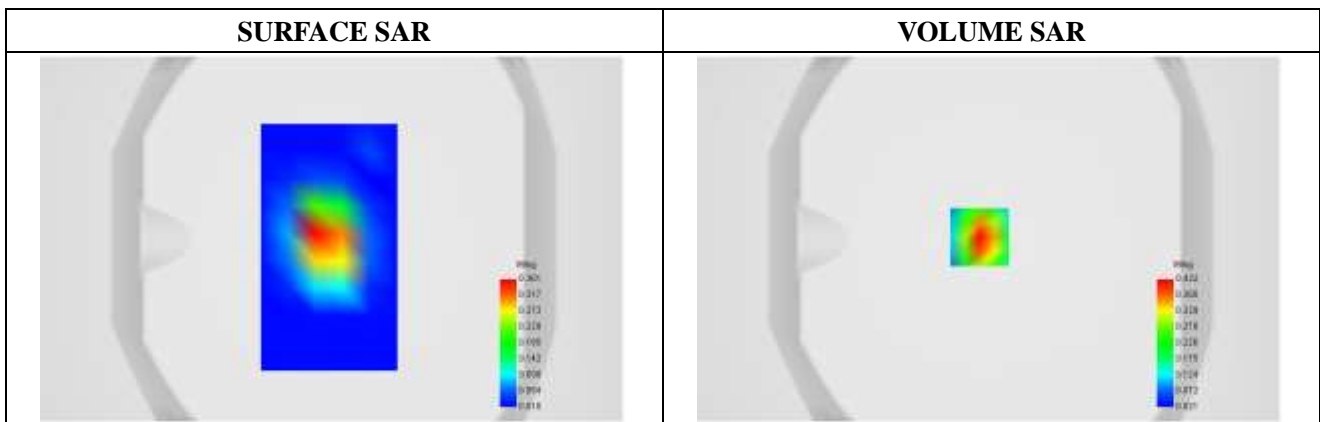
B. SAR Measurement Results

Frequency (MHz)	1900
Relative permittivity (real part)	39.72
Conductivity (S/m)	1.42
Variation (%)	0.35

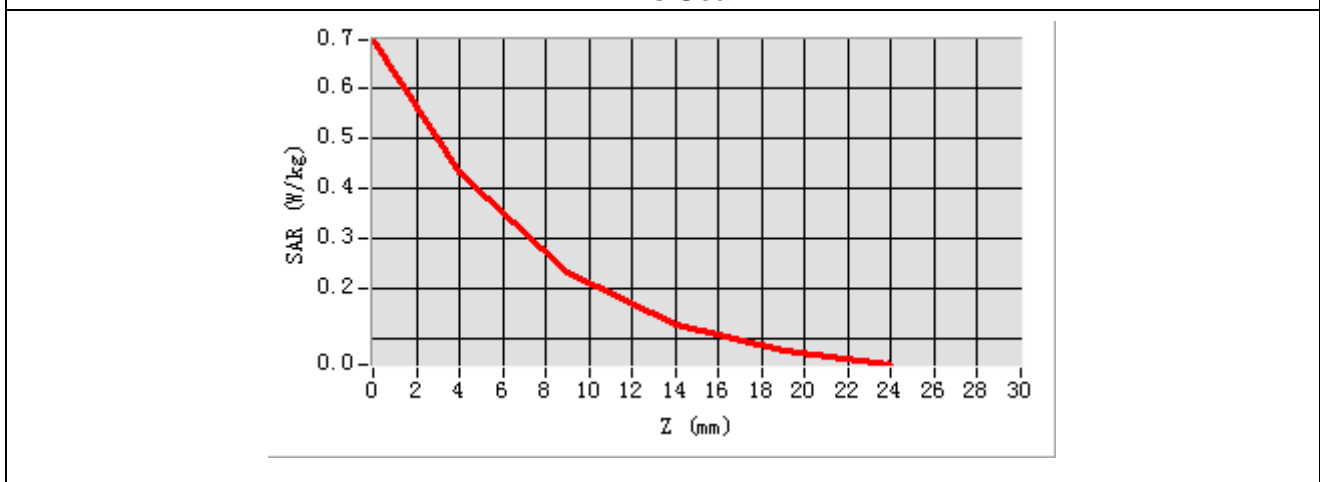
Maximum location: X=-7.00, Y=2.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.216152
SAR 1g (W/Kg)	0.409840



Z Axis Scan



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 10/29/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

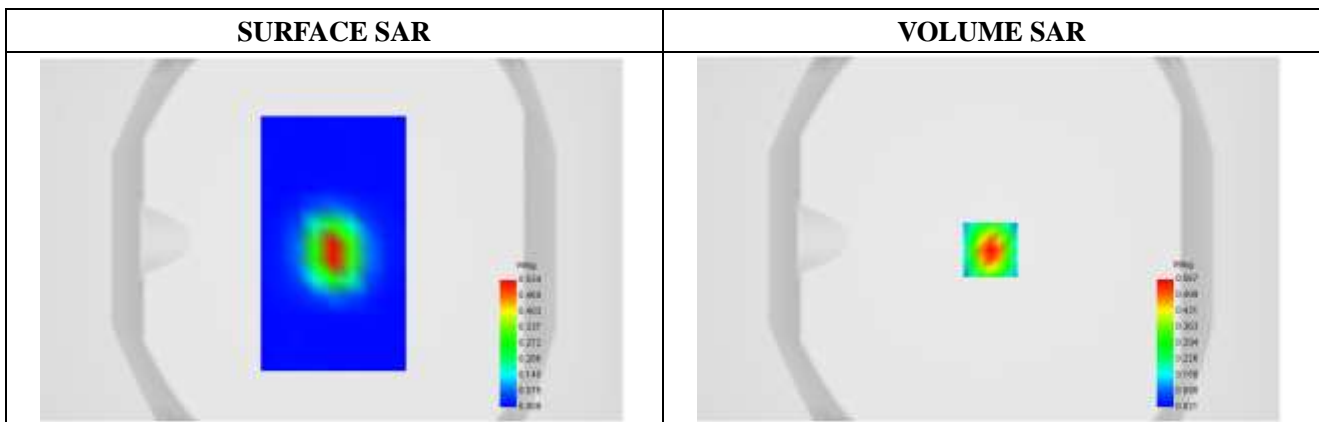
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	38.79
Conductivity (S/m)	1.82
Variation (%)	-0.27

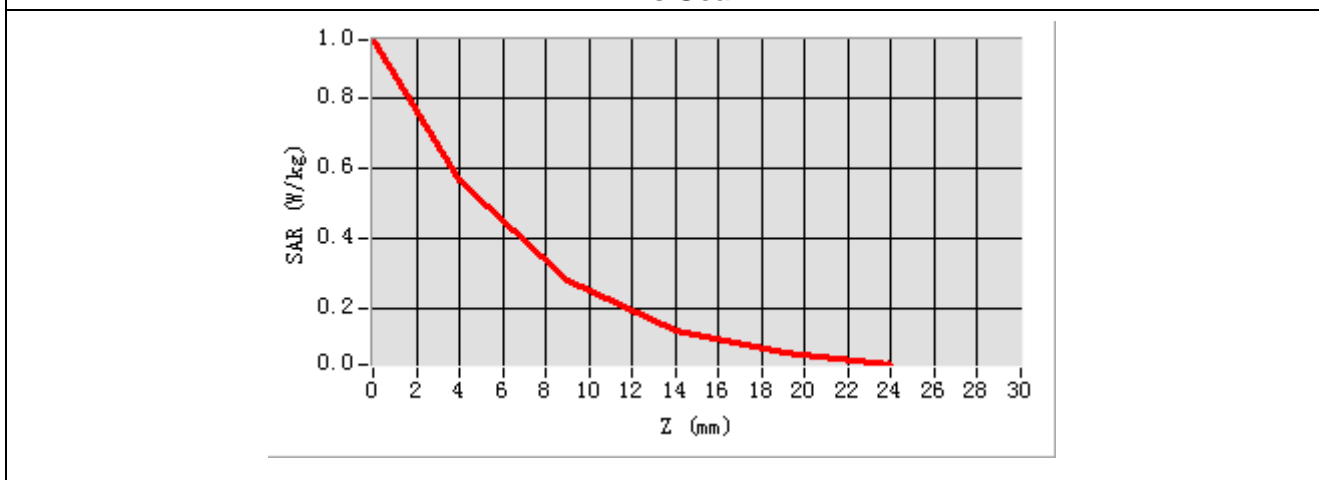
Maximum location: X=0.00, Y=-5.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.241315
SAR 1g (W/Kg)	0.538541



Z Axis Scan



System Performance Check (2450MHz)

Type: Validation measurement

Date of measurement: 11/06/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

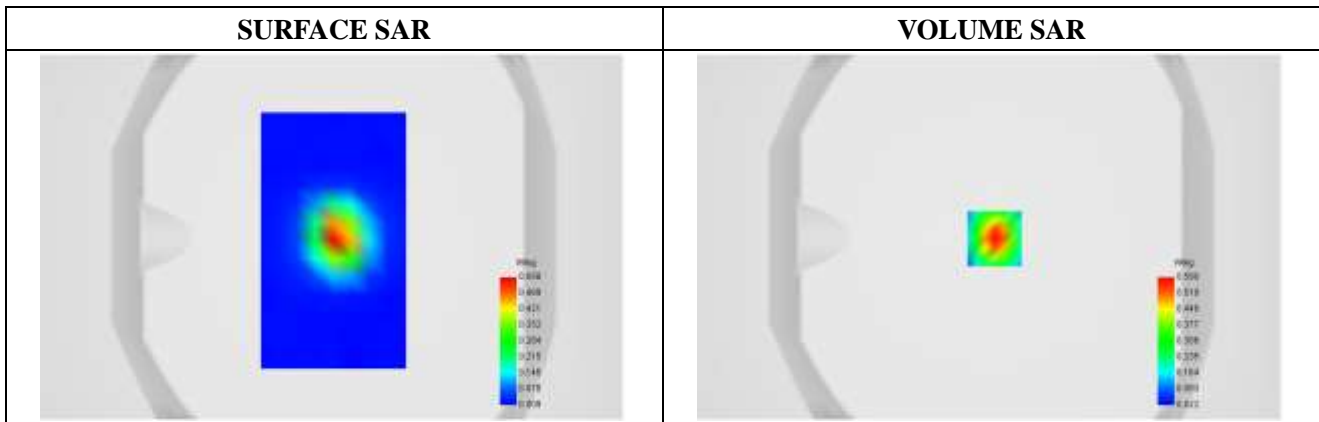
B. SAR Measurement Results

Frequency (MHz)	2450
Relative permittivity (real part)	39.56
Conductivity (S/m)	1.78
Variation (%)	0.48

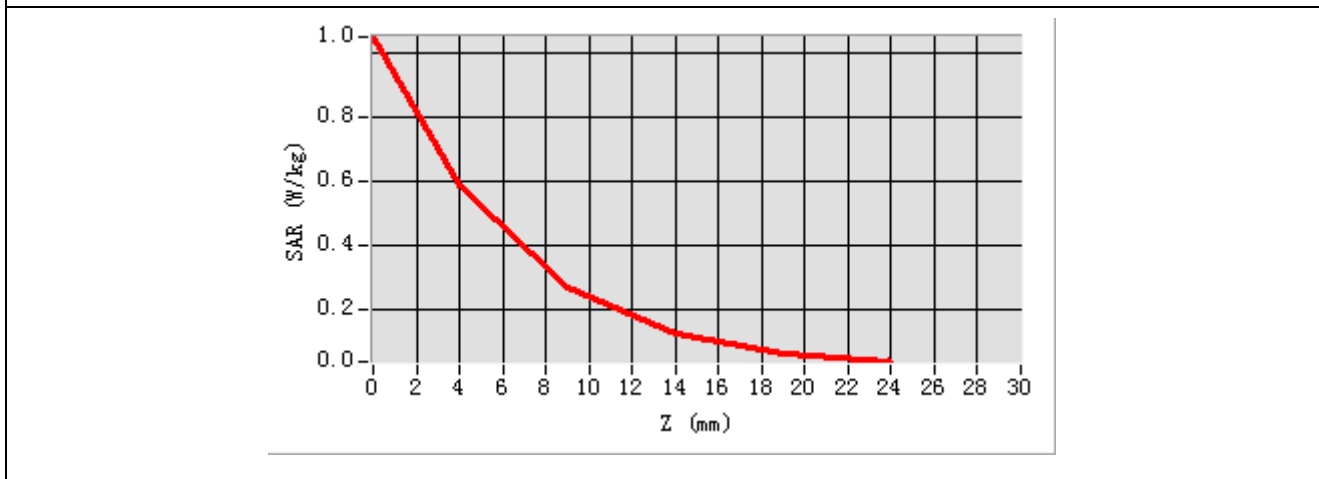
Maximum location: X=2.00, Y=-1.00

SAR Peak: 1.03 W/kg

SAR 10g (W/Kg)	0.245895
SAR 1g (W/Kg)	0.527040



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 11/08/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

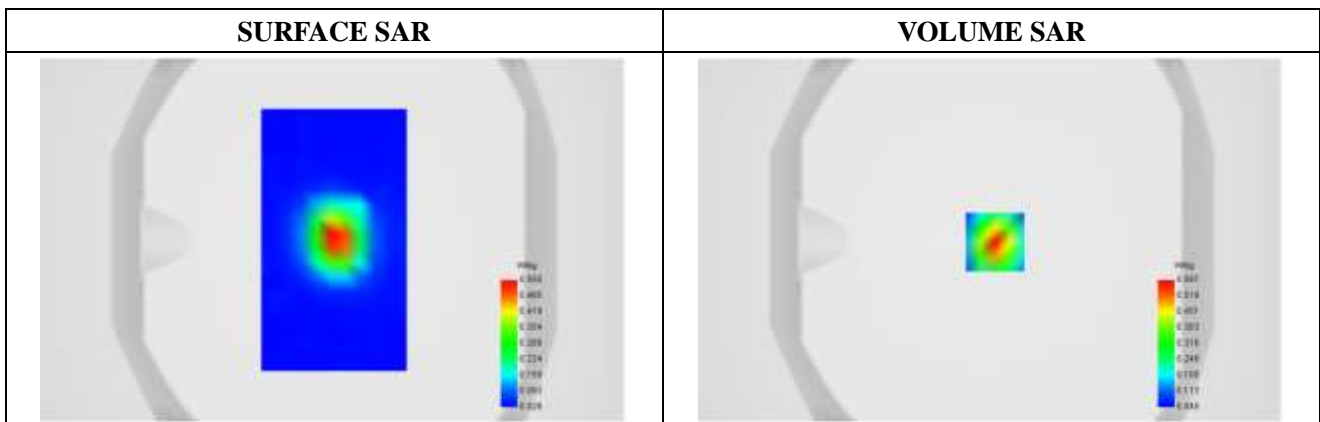
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.97
Variation (%)	0.45

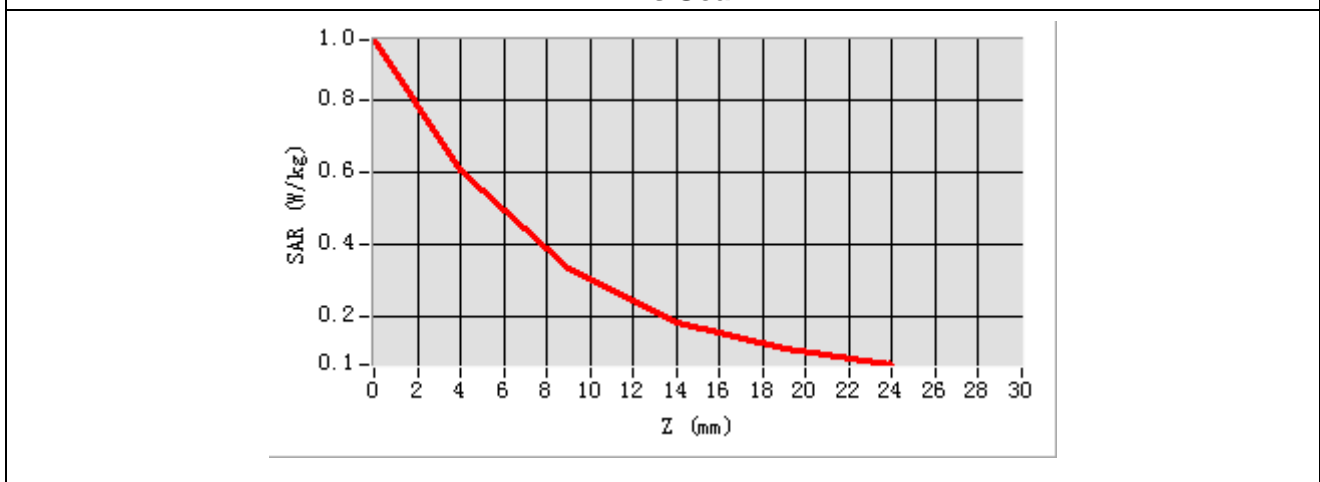
Maximum location: X=1.00, Y=0.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.251940
SAR 1g (W/Kg)	0.549061



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 11/10/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

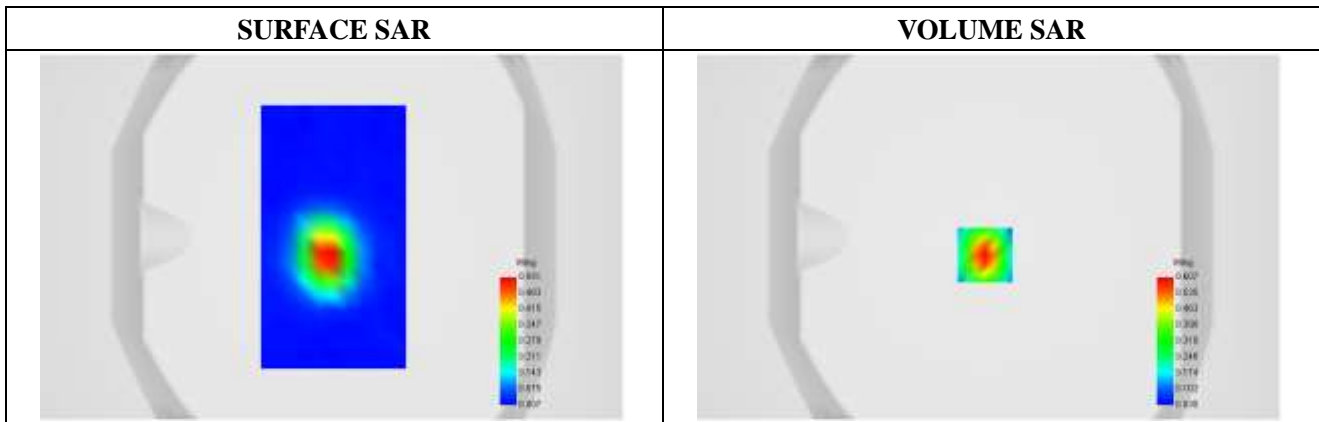
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	39.75
Conductivity (S/m)	1.94
Variation (%)	0.10

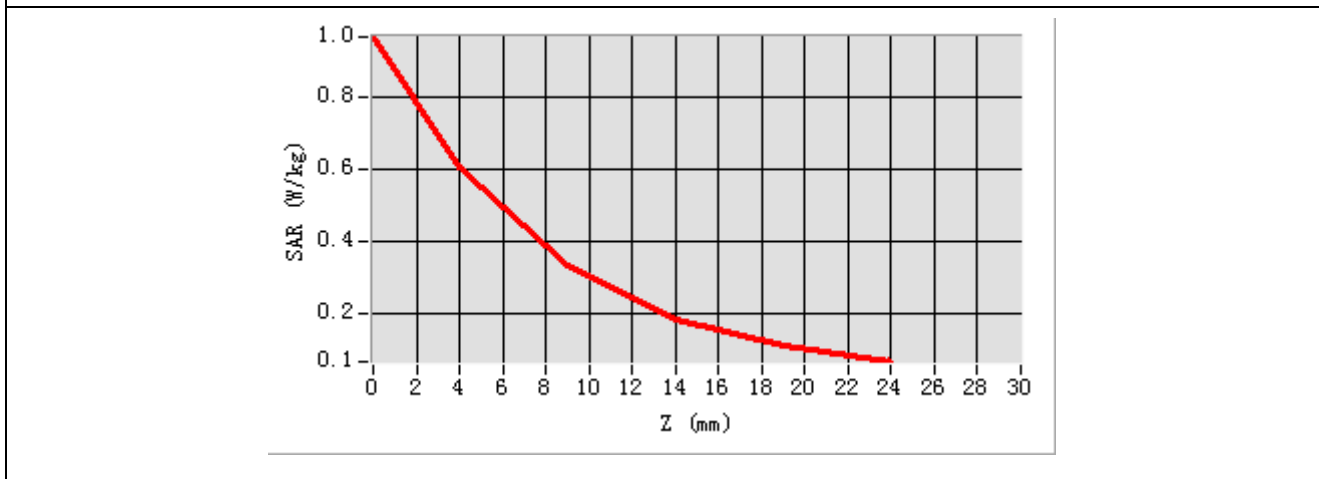
Maximum location: X=-3.00, Y=-9.00

SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.262930
SAR 1g (W/Kg)	0.560729



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 11/25/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

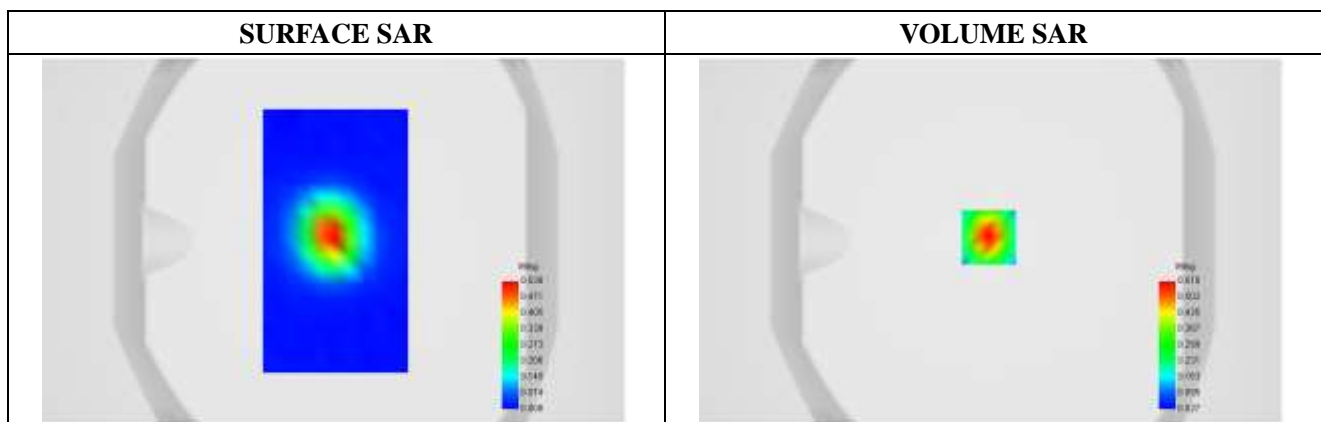
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.53
Conductivity (S/m)	1.97
Variation (%)	0.56

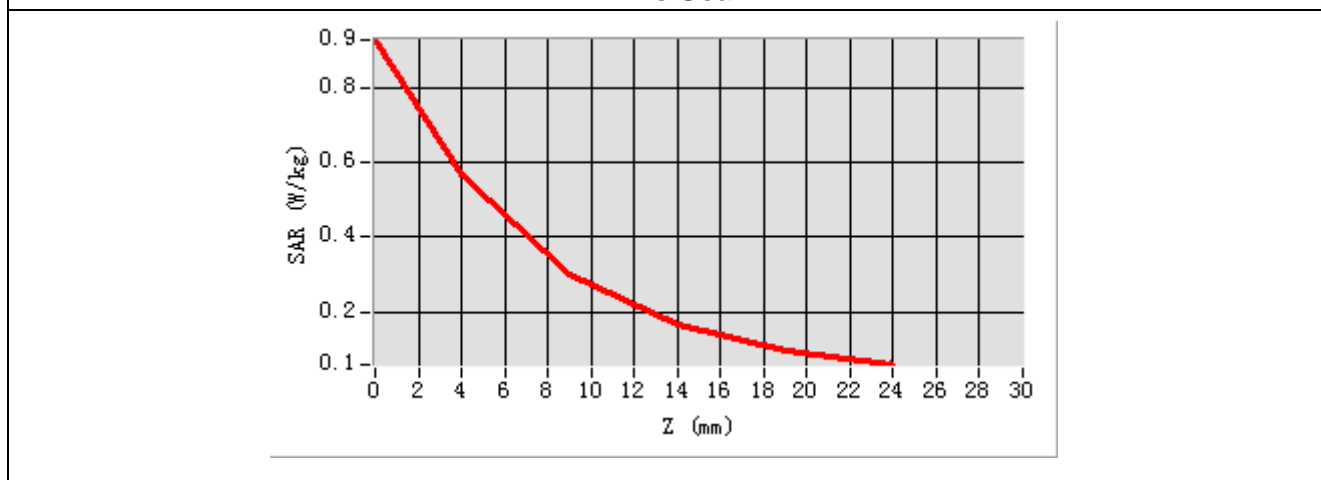
Maximum location: X=-2.00, Y=3.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.251698
SAR 1g (W/Kg)	0.538162



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 12/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

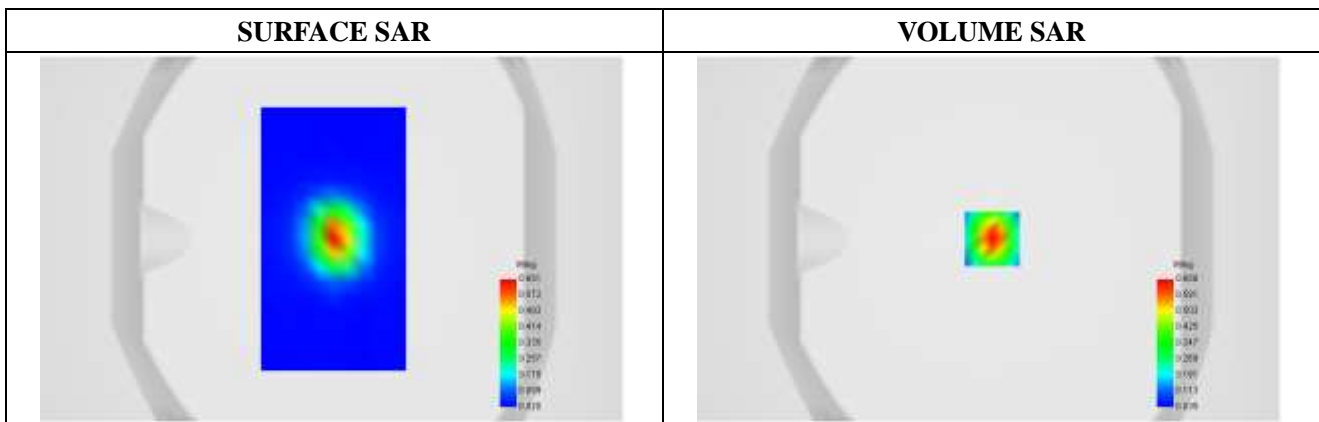
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	38.77
Conductivity (S/m)	2.00
Variation (%)	-0.15

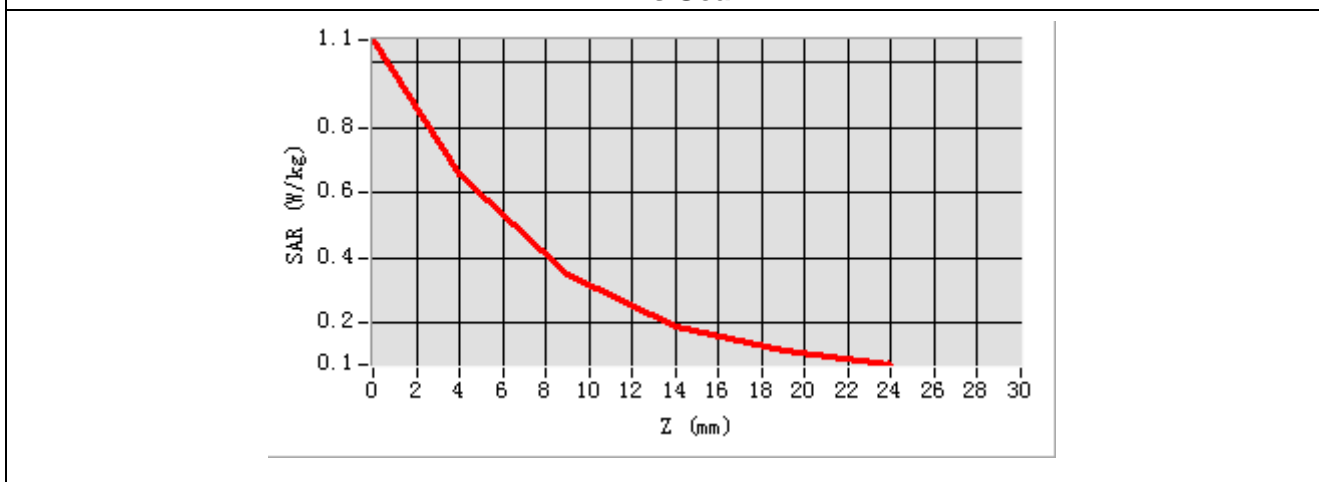
Maximum location: X=0.00, Y=0.00

SAR Peak: 1.09 W/kg

SAR 10g (W/Kg)	0.269130
SAR 1g (W/Kg)	0.589105



Z Axis Scan



System Performance Check (2600MHz)

Type: Validation measurement

Date of measurement: 12/24/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

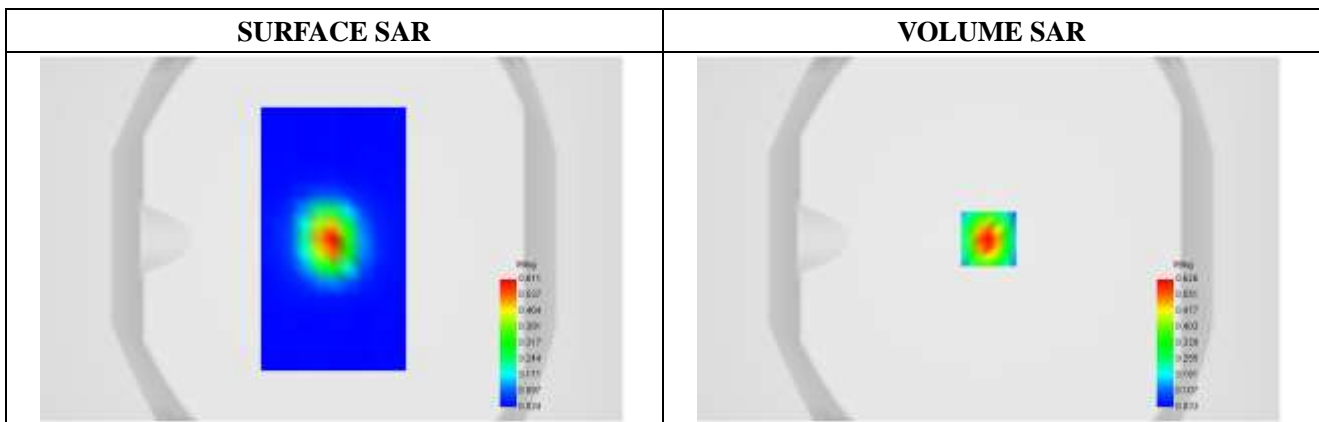
B. SAR Measurement Results

Frequency (MHz)	2600
Relative permittivity (real part)	39.15
Conductivity (S/m)	1.98
Variation (%)	0.42

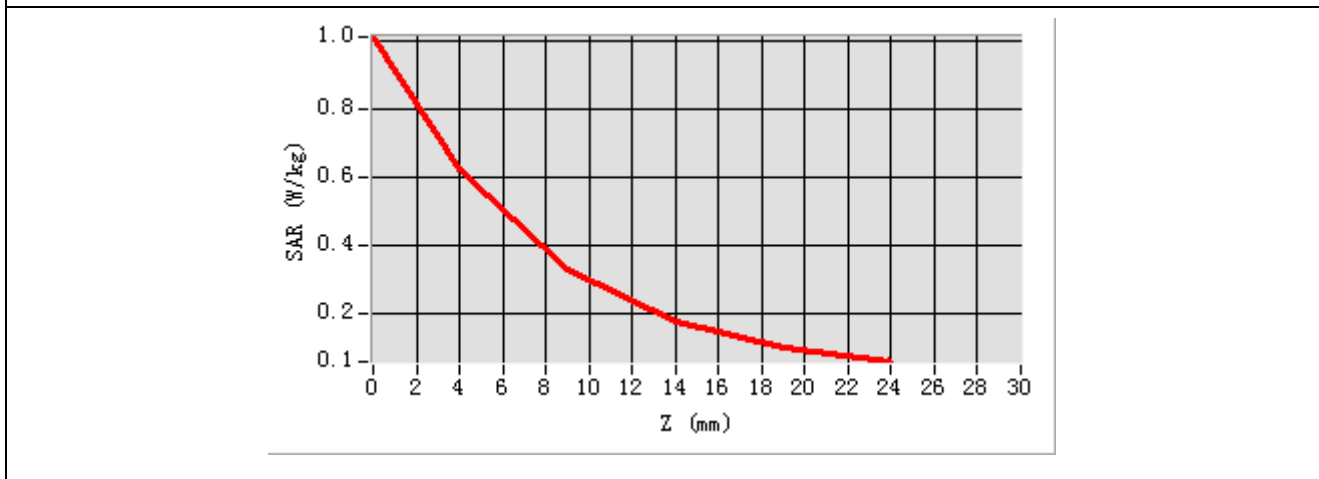
Maximum location: X=1.00, Y=0.00

SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.258566
SAR 1g (W/Kg)	0.560713



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 10/27/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3500MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

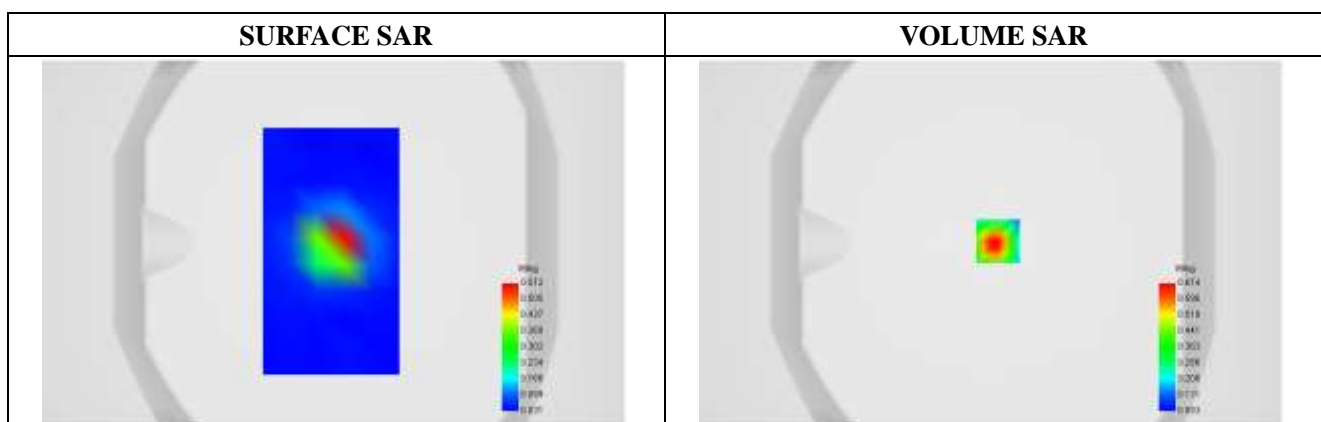
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.65
Conductivity (S/m)	2.96
Variation (%)	0.09

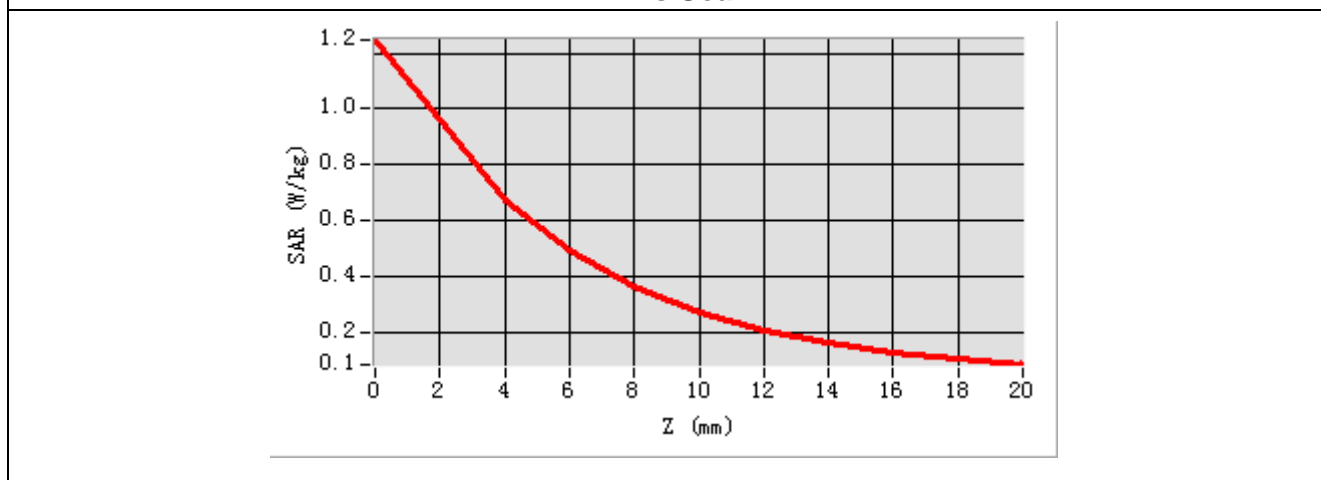
Maximum location: X=2.00, Y=1.00

SAR Peak: 1.25 W/kg

SAR 10g (W/Kg)	0.273451
SAR 1g (W/Kg)	0.663995



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 11/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3500MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

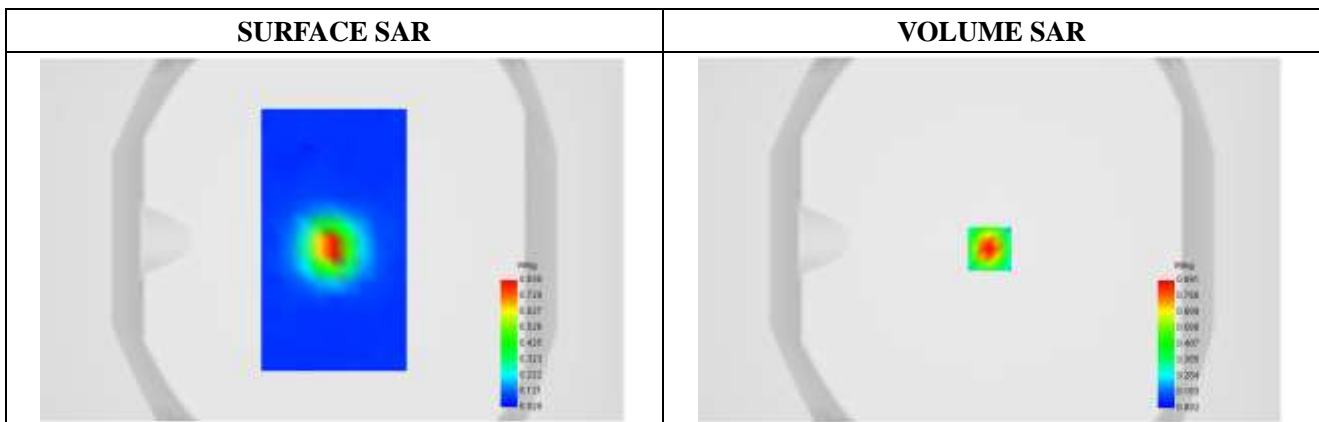
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.04
Conductivity (S/m)	2.82
Variation (%)	-0.70

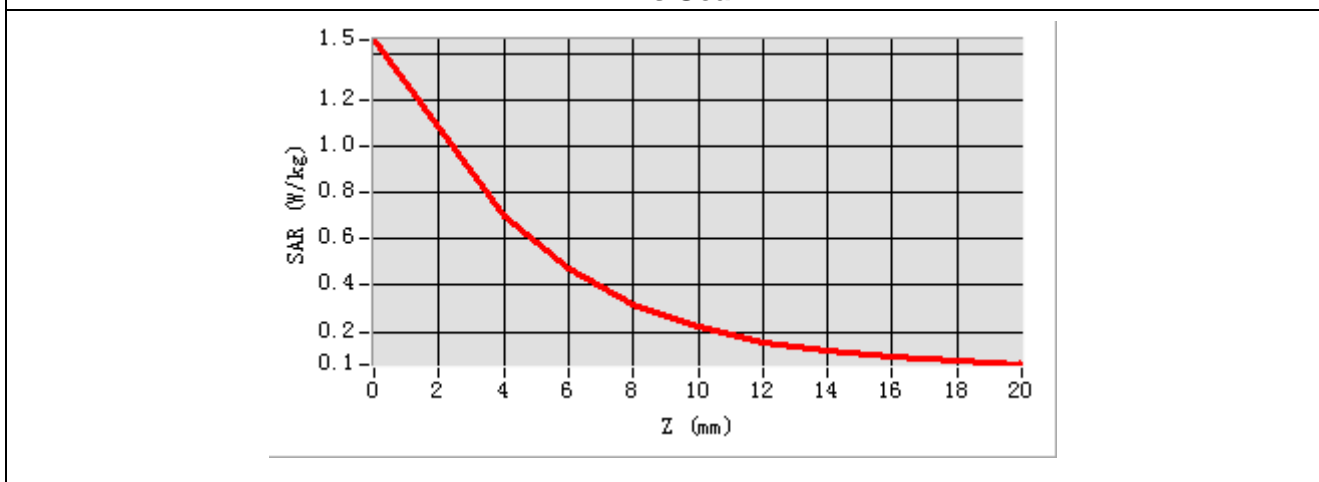
Maximum location: X=2.00, Y=-5.00

SAR Peak: 1.49 W/kg

SAR 10g (W/Kg)	0.276105
SAR 1g (W/Kg)	0.684927



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 11/24/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3500MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

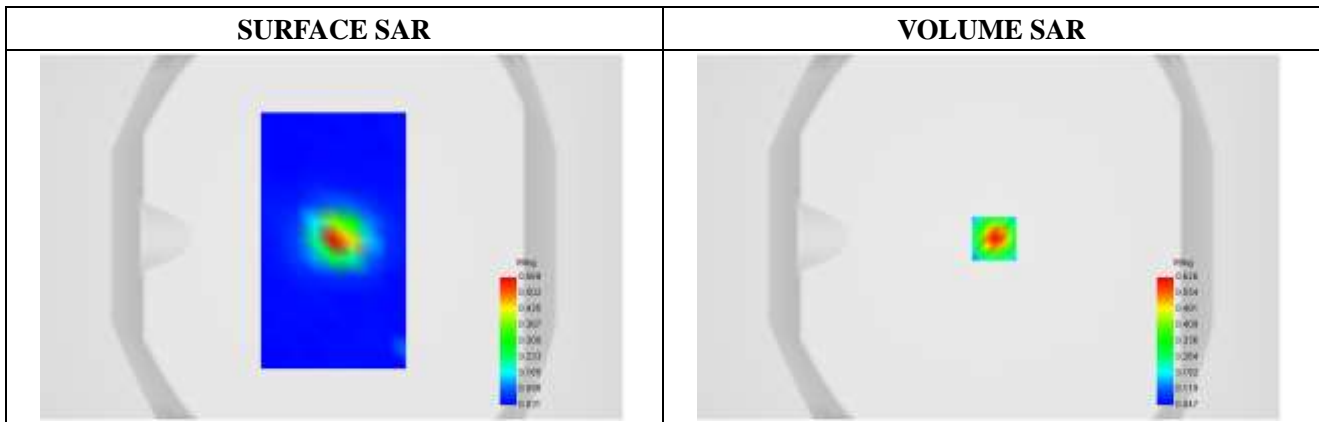
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	38.78
Conductivity (S/m)	2.92
Variation (%)	-0.43

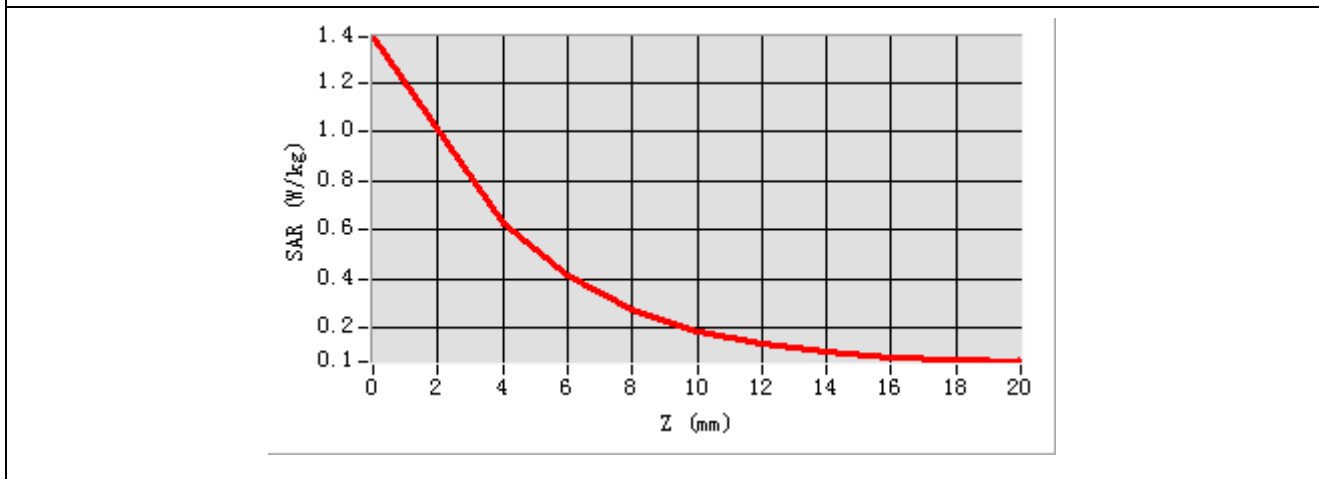
Maximum location: X=2.00, Y=-2.00

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.270860
SAR 1g (W/Kg)	0.641107



Z Axis Scan



System Performance Check (3500MHz)

Type: Validation measurement

Date of measurement: 12/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3500MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

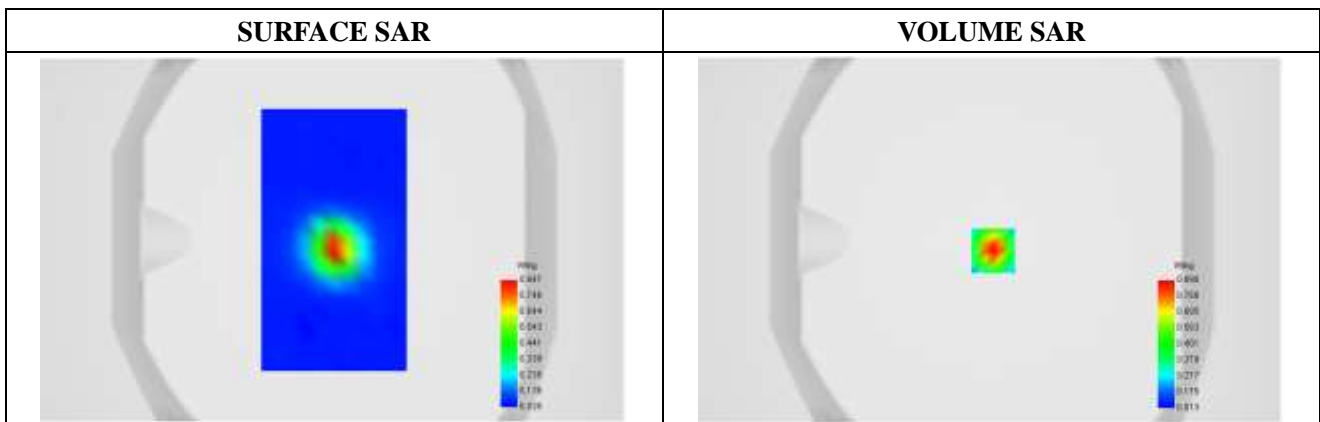
B. SAR Measurement Results

Frequency (MHz)	3500
Relative permittivity (real part)	37.23
Conductivity (S/m)	2.95
Variation (%)	-0.50

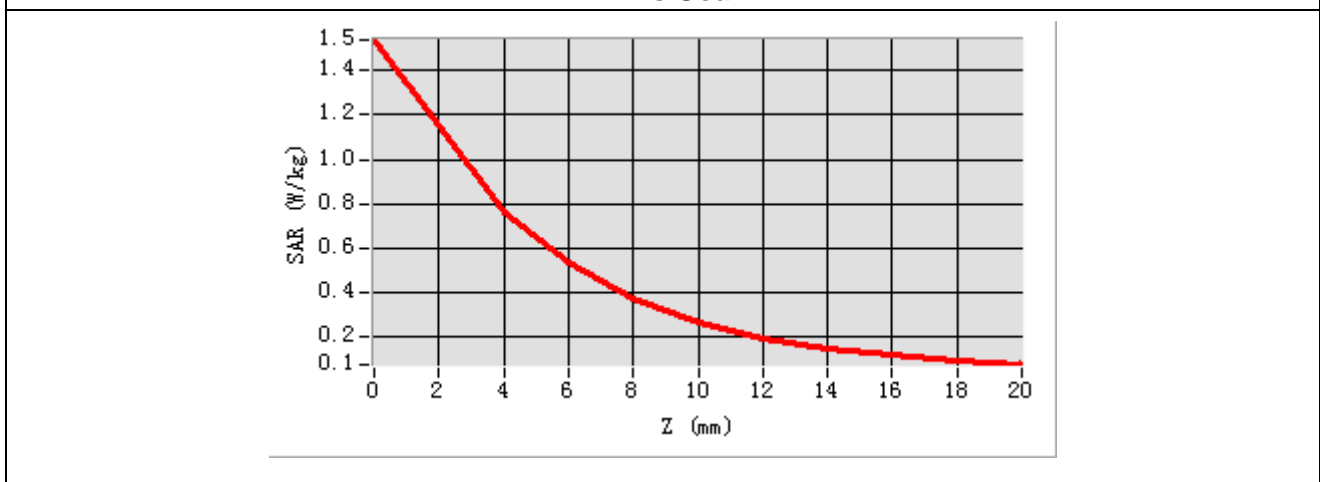
Maximum location: X=1.00, Y=-6.00

SAR Peak: 1.47 W/kg

SAR 10g (W/Kg)	0.278102
SAR 1g (W/Kg)	0.671506



Z Axis Scan



System Performance Check (3700MHz)

Type: Validation measurement

Date of measurement: 11/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3700MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

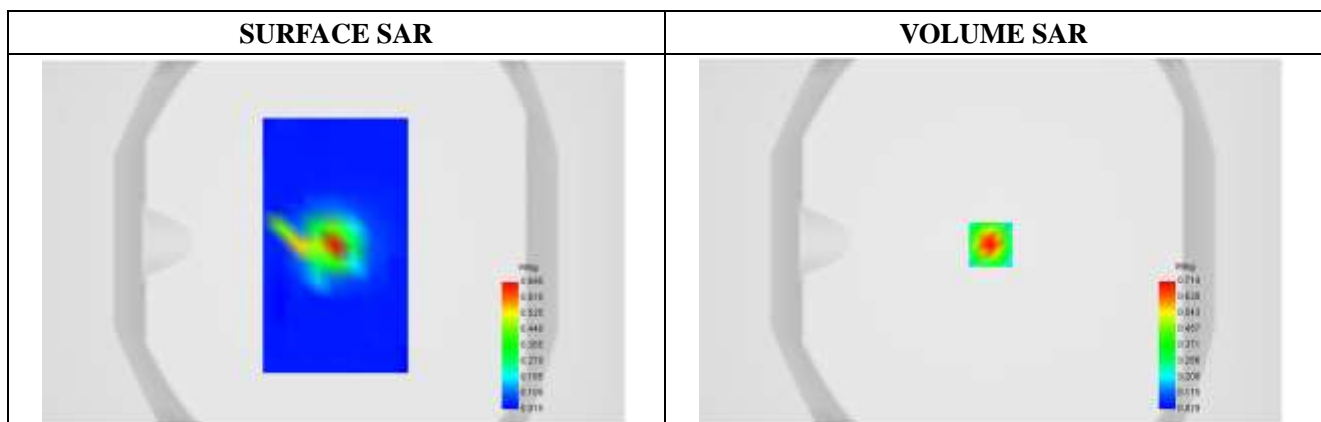
B. SAR Measurement Results

Frequency (MHz)	3700
Relative permittivity (real part)	37.69
Conductivity (S/m)	3.07
Variation (%)	-0.12

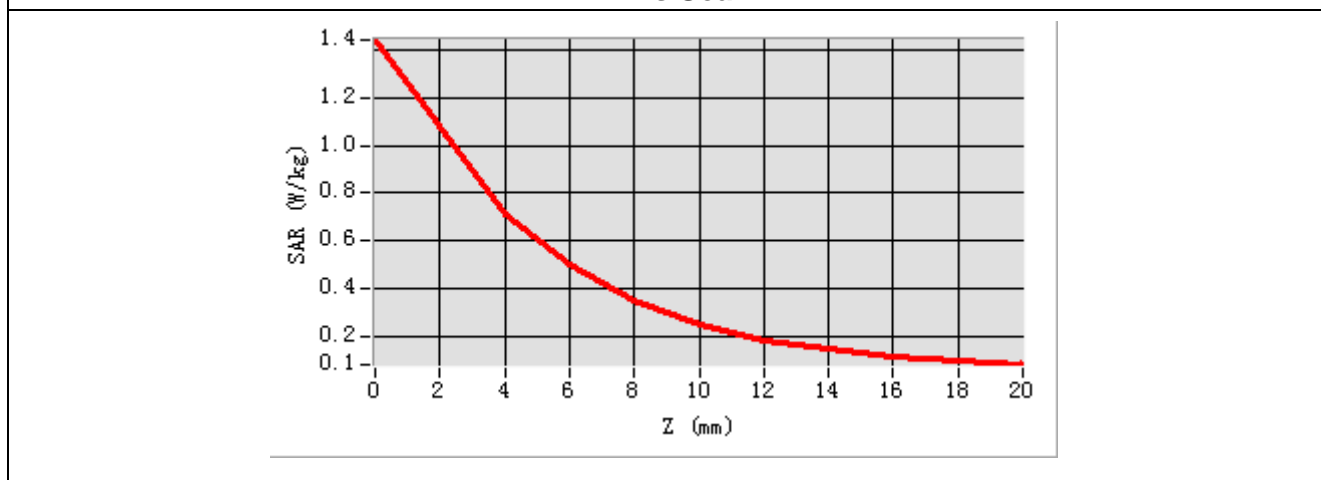
Maximum location: X=1.00, Y=-2.00

SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.264860
SAR 1g (W/Kg)	0.638607



Z Axis Scan



System Performance Check (3700MHz)

Type: Validation measurement

Date of measurement: 12/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3700MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

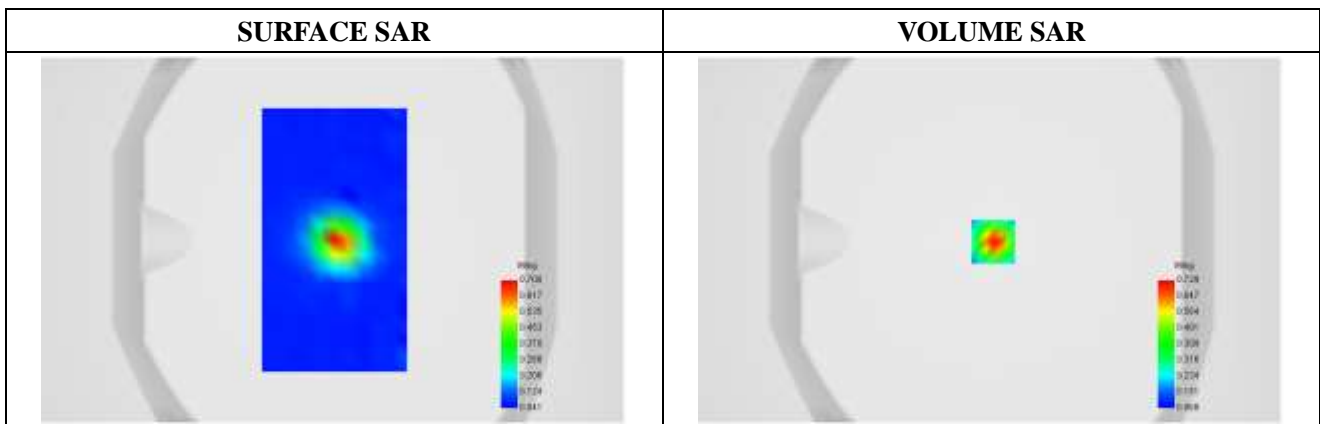
B. SAR Measurement Results

Frequency (MHz)	3700
Relative permittivity (real part)	36.85
Conductivity (S/m)	3.13
Variation (%)	0.59

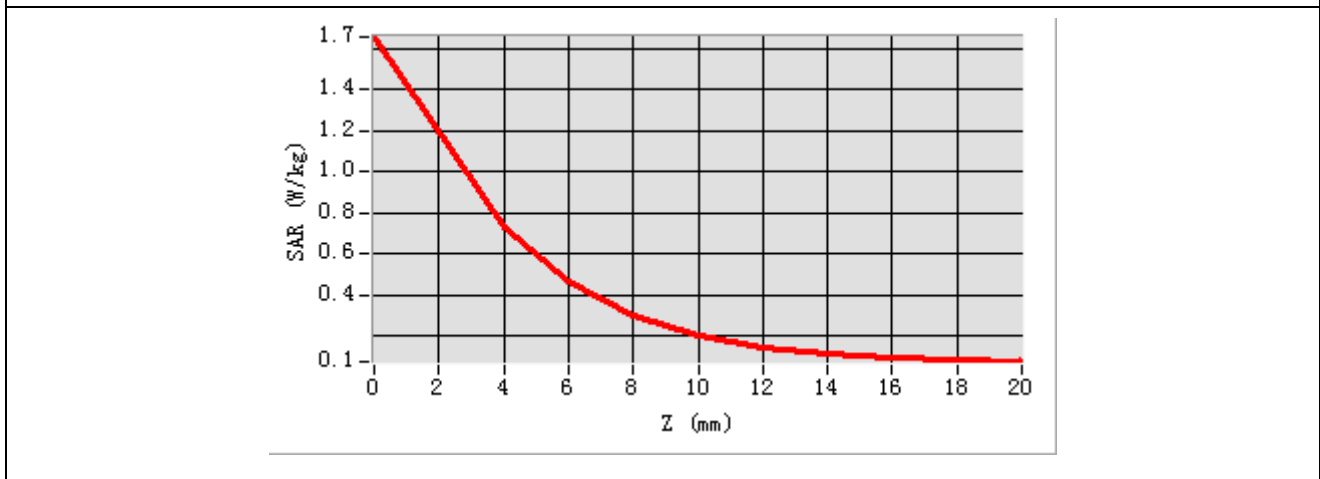
Maximum location: X=2.00, Y=0.00

SAR Peak: 1.73 W/kg

SAR 10g (W/Kg)	0.265701
SAR 1g (W/Kg)	0.691360



Z Axis Scan



System Performance Check (3900MHz)

Type: Validation measurement

Date of measurement: 11/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	3900MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

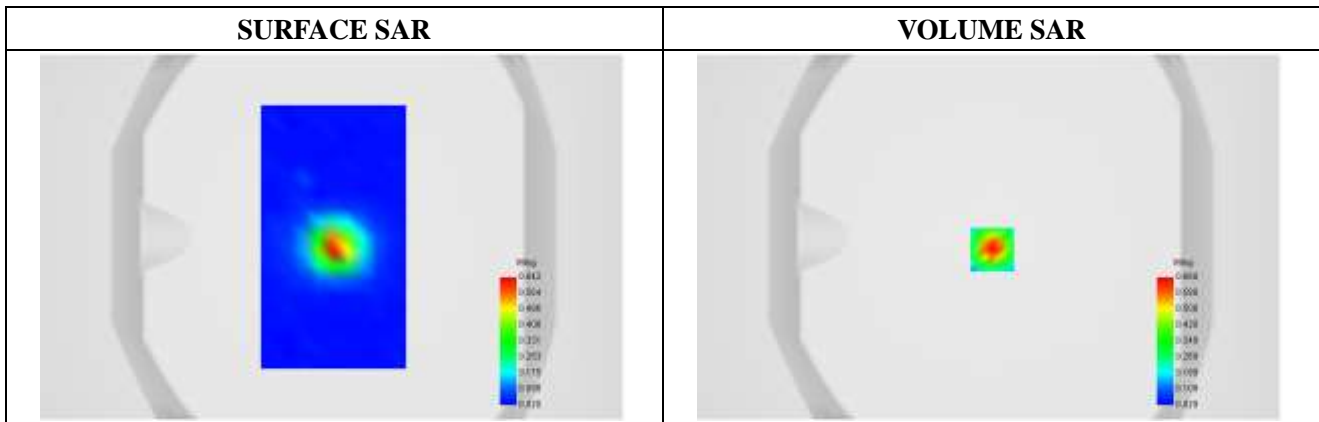
B. SAR Measurement Results

Frequency (MHz)	3900
Relative permittivity (real part)	37.41
Conductivity (S/m)	3.24
Variation (%)	0.03

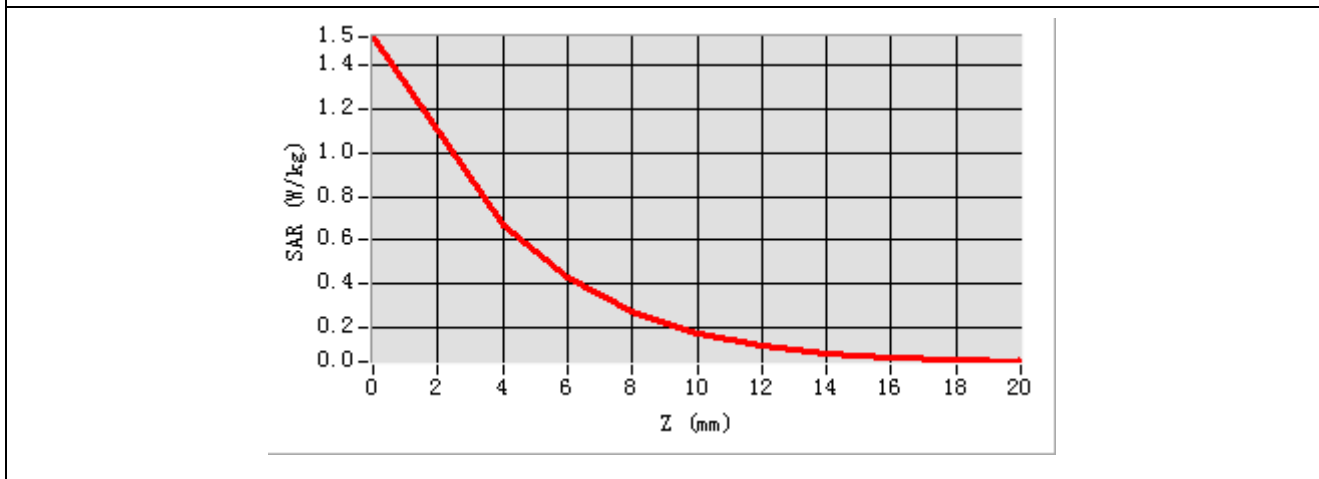
Maximum location: X=1.00, Y=-8.00

SAR Peak: 1.52 W/kg

SAR 10g (W/Kg)	0.2391511
SAR 1g (W/Kg)	0.658250



Z Axis Scan



System Performance Check (5200MHz)

Type: Validation measurement

Date of measurement: 12/08/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

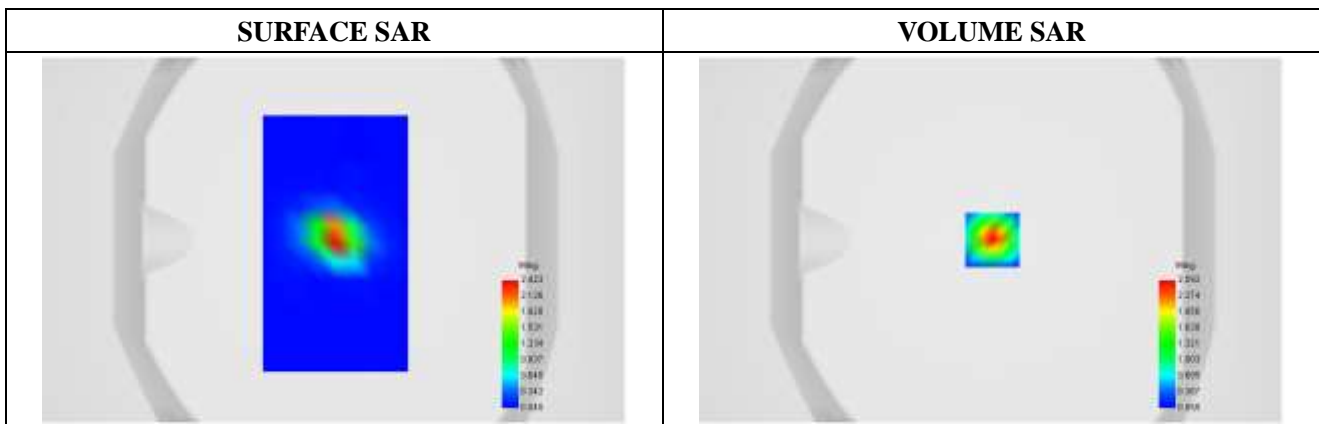
B. SAR Measurement Results

Frequency (MHz)	5200
Relative permittivity (real part)	36.23
Conductivity (S/m)	4.68
Variation (%)	0.22

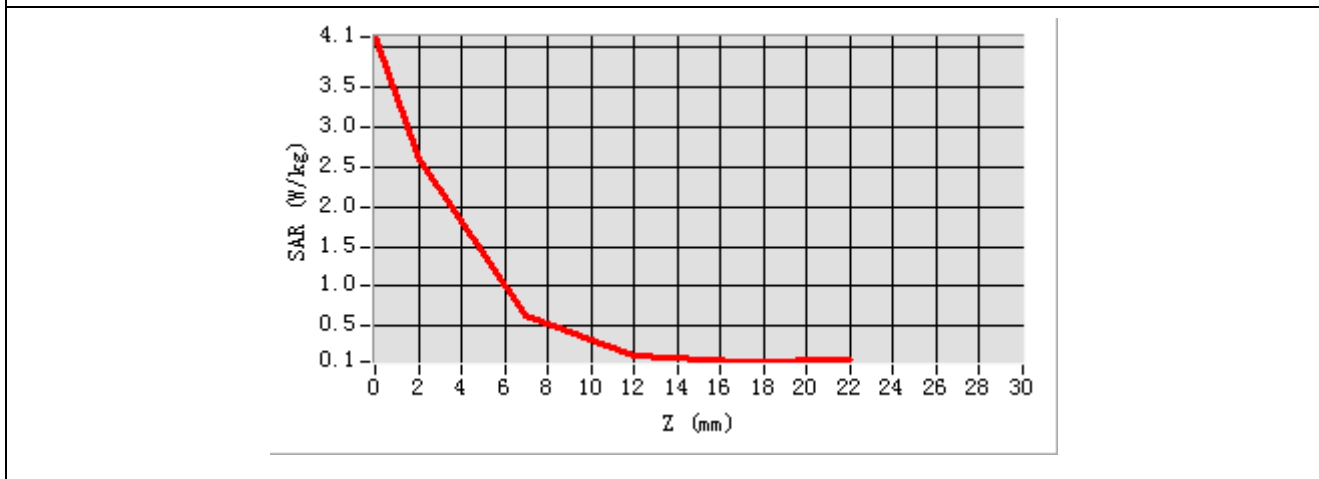
Maximum location: X=0.00, Y=0.00

SAR Peak: 4.14 W/kg

SAR 10g (W/Kg)	0.540704
SAR 1g (W/Kg)	1.477629



Z Axis Scan



System Performance Check (5400MHz)

Type: Validation measurement

Date of measurement: 12/08/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5400MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

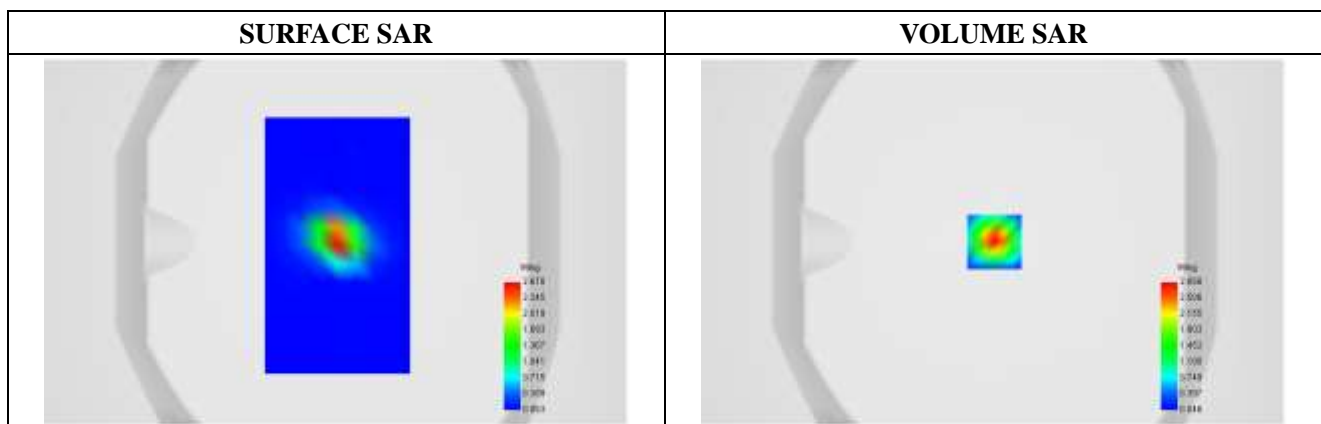
B. SAR Measurement Results

Frequency (MHz)	5400
Relative permittivity (real part)	35.91
Conductivity (S/m)	4.82
Variation (%)	-0.60

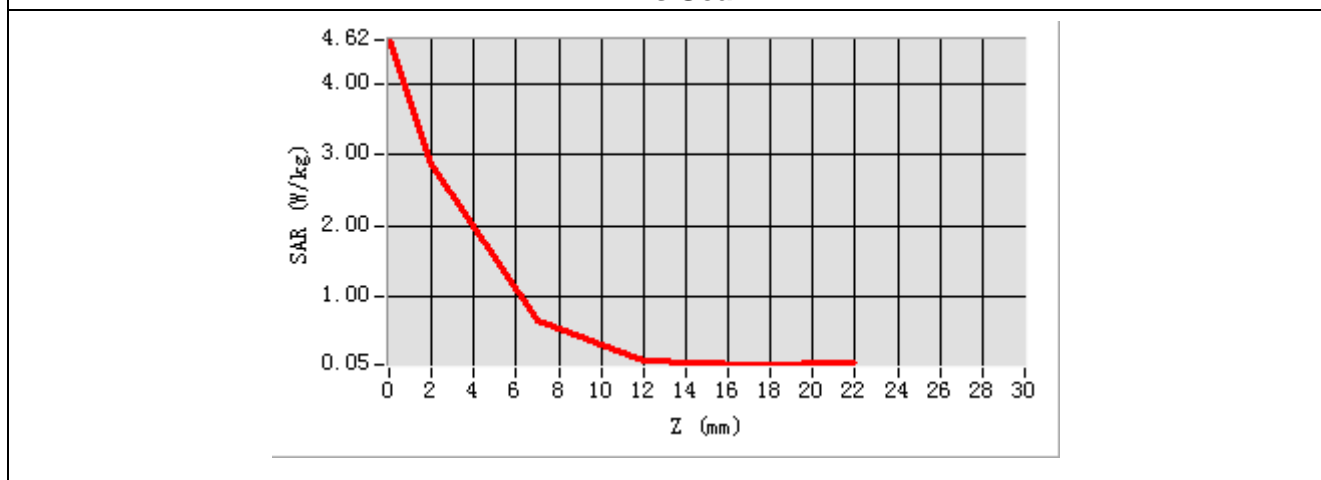
Maximum location: X=0.00, Y=0.00

SAR Peak: 4.65 W/kg

SAR 10g (W/Kg)	0.541981
SAR 1g (W/Kg)	1.569054



Z Axis Scan



System Performance Check (5600MHz)

Type: Validation measurement

Date of measurement: 12/07/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=8mm dy=8mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	5600MHz
Channels	Middle
Signal	CW(Crest factor: 1.0)

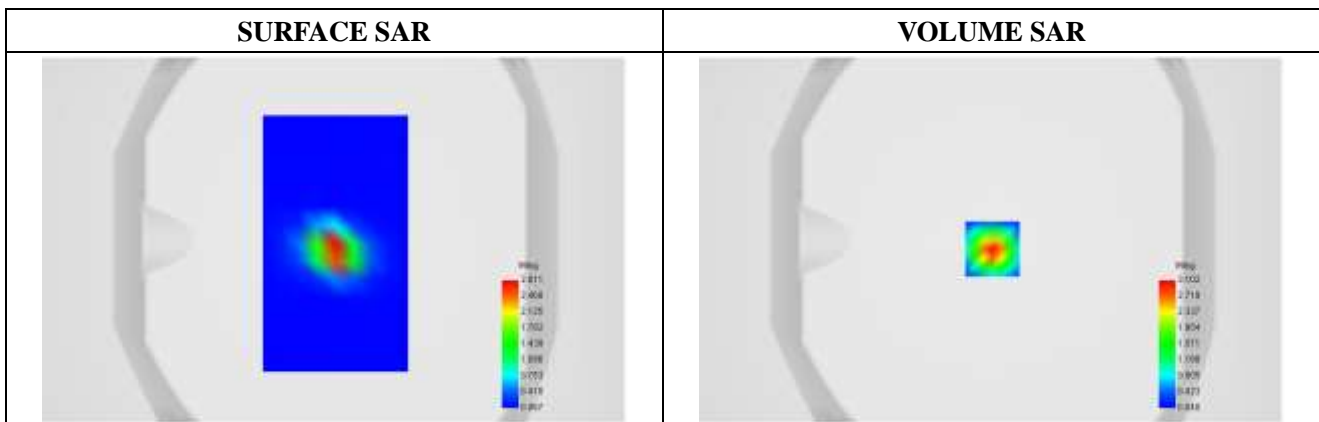
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	35.28
Conductivity (S/m)	5.05
Variation (%)	-0.10

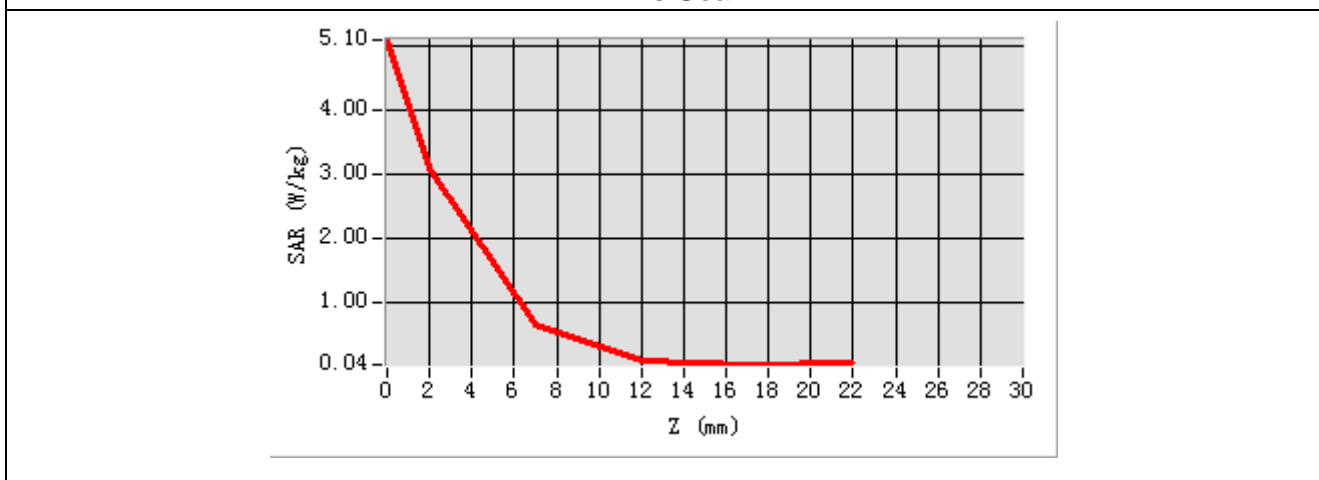
Maximum location: X=0.00, Y=-3.00

SAR Peak: 5.09 W/kg

SAR 10g (W/Kg)	0.605814
SAR 1g (W/Kg)	1.693710



Z Axis Scan



System Performance Check (5800MHz)

Type: Validation measurement

Date of measurement: 12/07/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

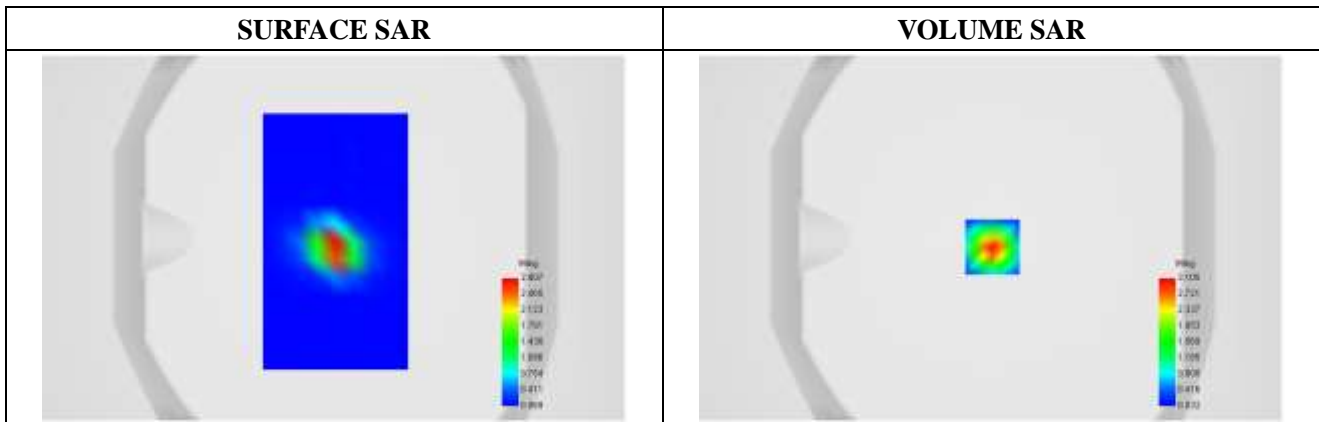
B. SAR Measurement Results

Frequency (MHz)	5800
Relative permittivity (real part)	34.52
Conductivity (S/m)	5.29
Variation (%)	-0.25

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

SAR Peak: 5.18 W/kg

SAR 10g (W/Kg)	0.597281
SAR 1g (W/Kg)	1.715029



Z Axis Scan

