

Testing result (WCDMA850, Back, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/15/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

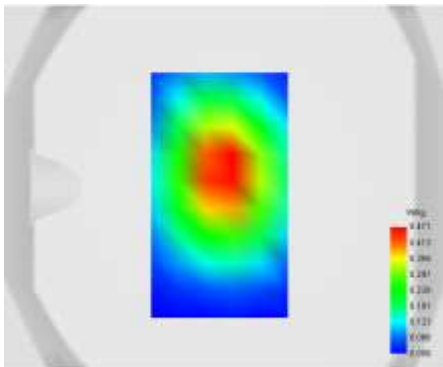
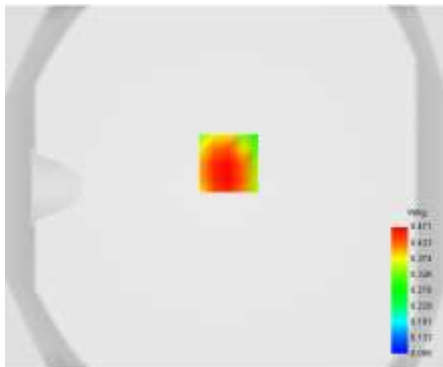
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	42.37
Conductivity (S/m)	0.92
Variation (%)	-0.33

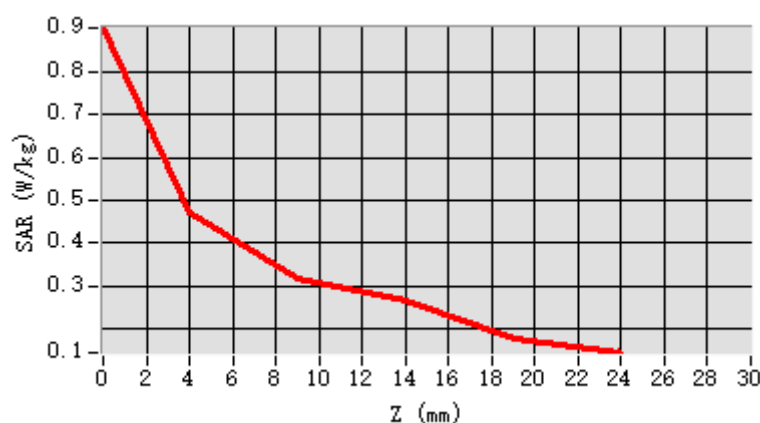
Maximum location: X=2.00, Y=13.00

SAR Peak:0.91 W/kg

SAR 10g (W/Kg)	0.324431
SAR 1g (W/Kg)	0.455858

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (WCDMA1700, Back, High, 15mm)

Type: phone measurement

Date of measurement: 06/19/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1700
Channels	High
Signal	WCDMA(Crest factor: 1.0)

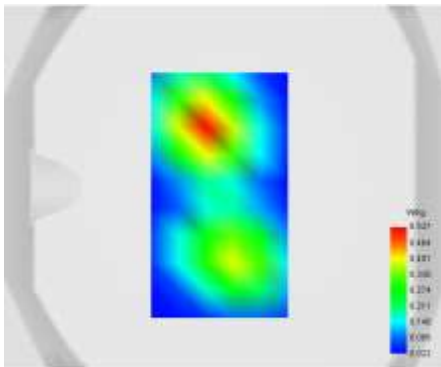
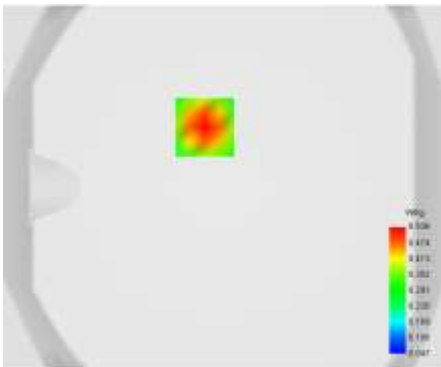
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	40.50
Conductivity (S/m)	1.37
Variation (%)	0.43

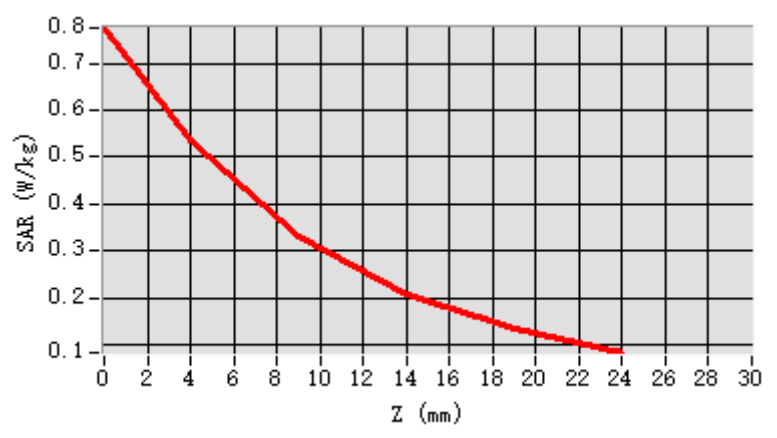
Maximum location: X=-10.00, Y=33.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.301817
SAR 1g (W/Kg)	0.505181

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (WCDMA1900, Edge D, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/14/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

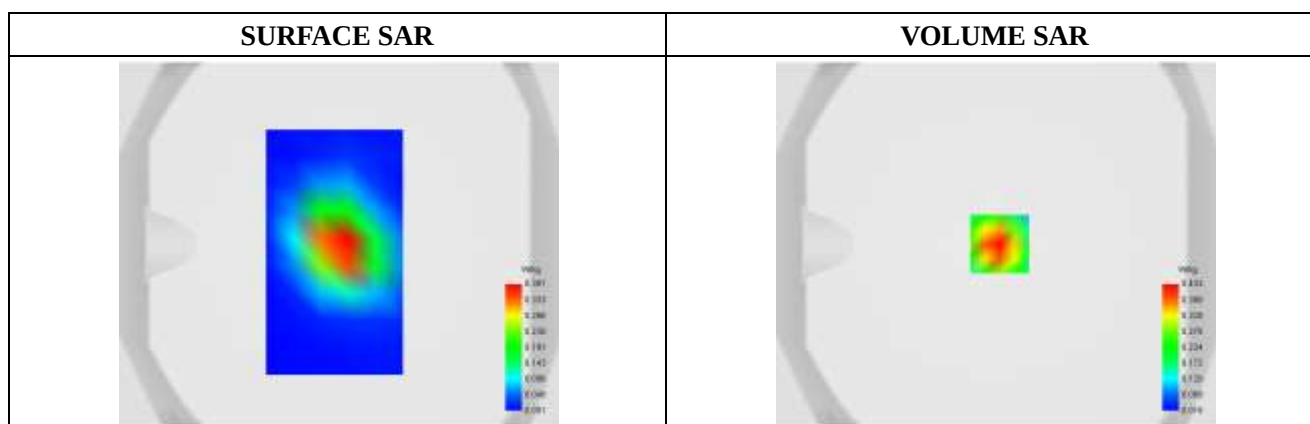
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	40.38
Conductivity (S/m)	1.37
Variation (%)	-0.09

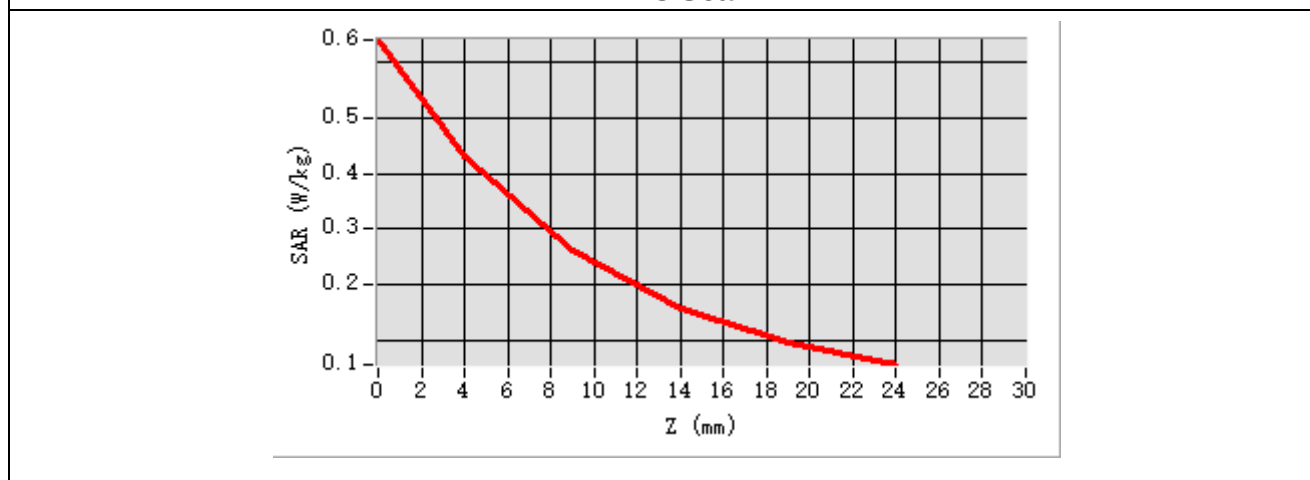
Maximum location: X=2.00, Y=0.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.225647
SAR 1g (W/Kg)	0.404351



Z Axis Scan



Testing result (LTE Band 2, Edge D, High, 15mm)

Type: phone measurement

Date of measurement: 06/14/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 2
Channels	High
Signal	LTE(Crest factor: 1.0)

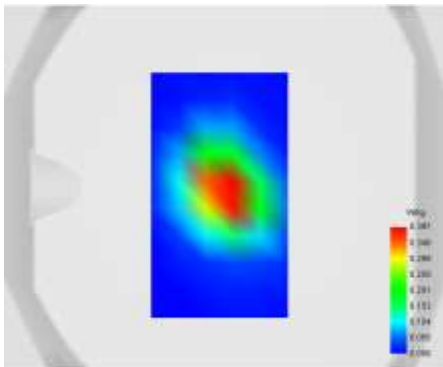
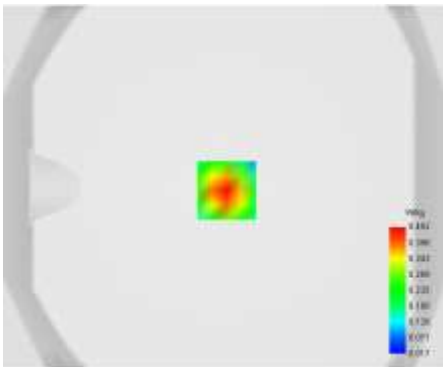
B. SAR Measurement Results

Frequency (MHz)	1900.0
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.38
Variation (%)	-0.80

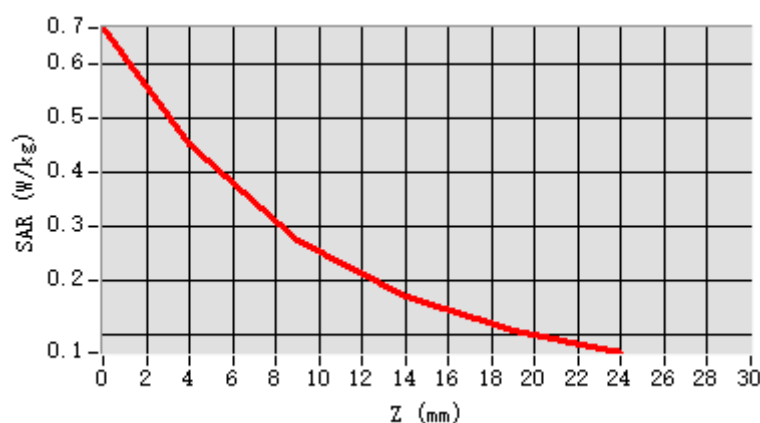
Maximum location: X=2.00, Y=-2.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.236996
SAR 1g (W/Kg)	0.421908

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (LTE Band 4, Back, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/28/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 4
Channels	Middle
Signal	LTE(Crest factor: 1.0)

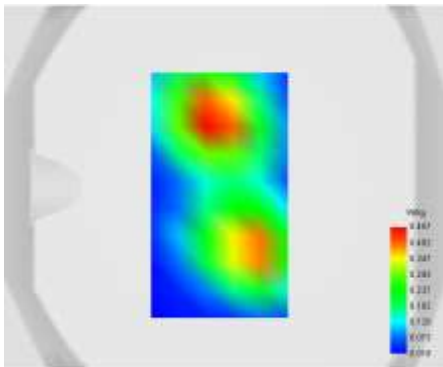
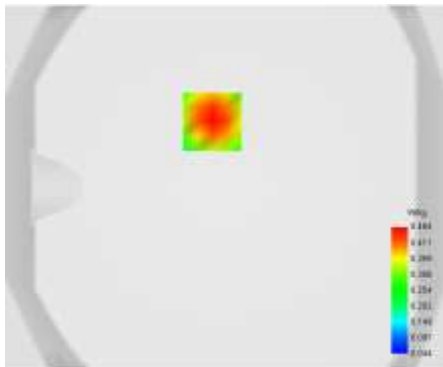
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	40.56
Conductivity (S/m)	1.36
Variation (%)	-0.27

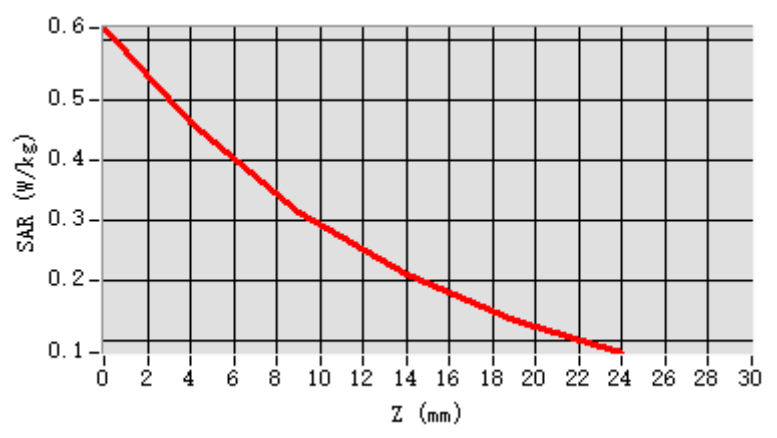
Maximum location: X=-7.00, Y=36.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.277180
SAR 1g (W/Kg)	0.440366

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (LTE Band 5, Edge A, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/15/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 5
Channels	Middle
Signal	LTE(Crest factor: 1.0)

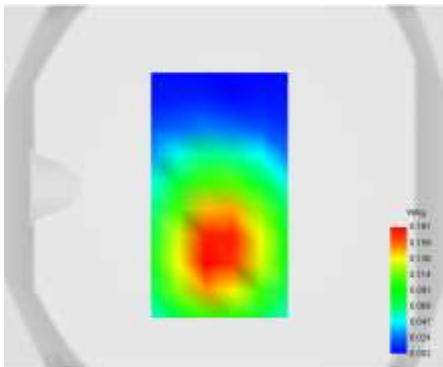
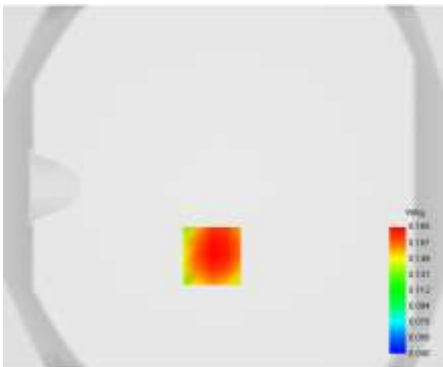
B. SAR Measurement Results

Frequency (MHz)	836.5
Relative permittivity (real part)	42.37
Conductivity (S/m)	0.92
Variation (%)	1.15

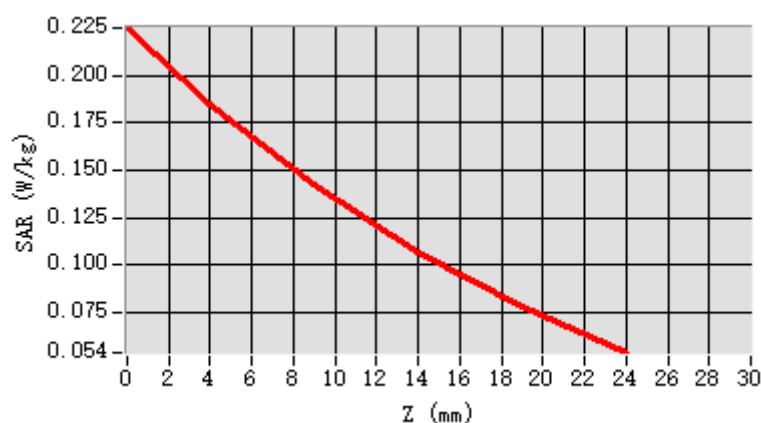
Maximum location: X=-6.00, Y=-38.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.128042
SAR 1g (W/Kg)	0.179027

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (LTE Band 7, Edge D, Low, 15mm)

Type: phone measurement

Date of measurement: 06/20/2024

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	LTE Band 7
Channels	Low
Signal	LTE(Crest factor: 1.0)

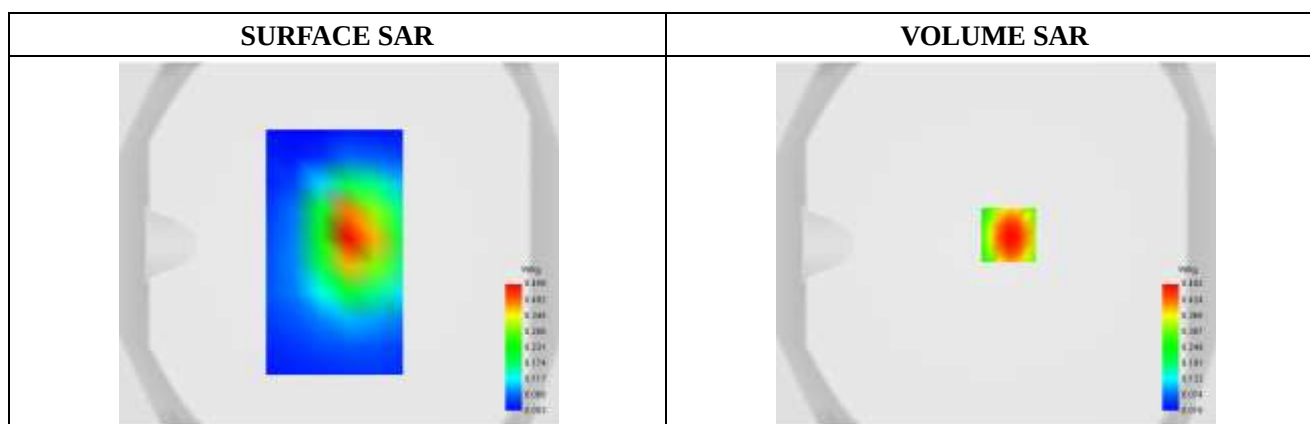
B. SAR Measurement Results

Frequency (MHz)	2510.0
Relative permittivity (real part)	38.95
Conductivity (S/m)	1.90
Variation (%)	0.09

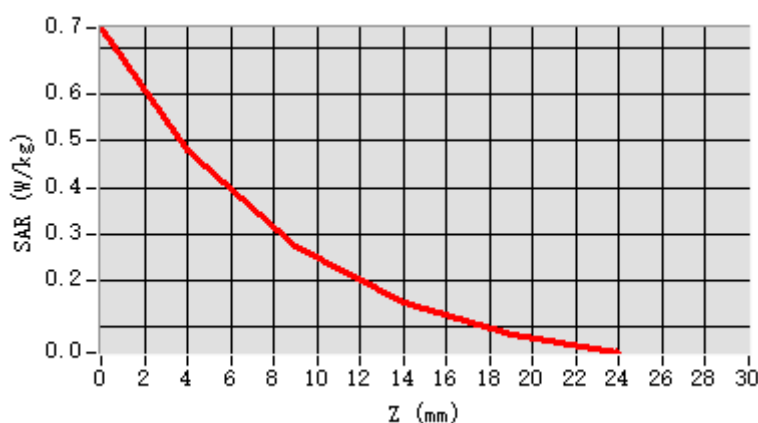
Maximum location: X=7.00, Y=5.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.251345
SAR 1g (W/Kg)	0.452147



Z Axis Scan



Testing result (LTE Band 12, Back, Low, 15mm)

Type: phone measurement

Date of measurement: 06/11/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 12
Channels	Middle
Signal	LTE(Crest factor: 1.0)

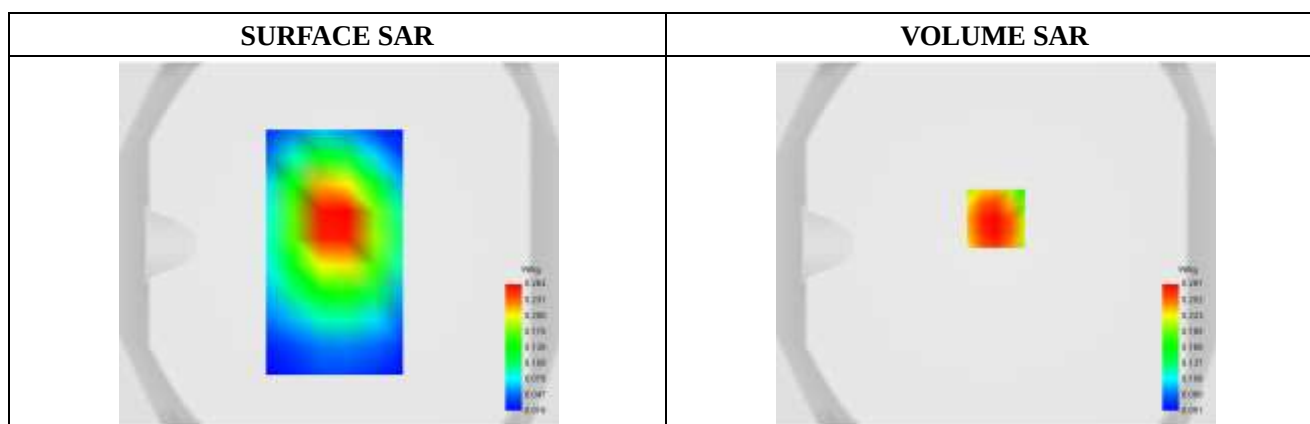
B. SAR Measurement Results

Frequency (MHz)	707.5
Relative permittivity (real part)	42.73
Conductivity (S/m)	0.85
Variation (%)	0.51

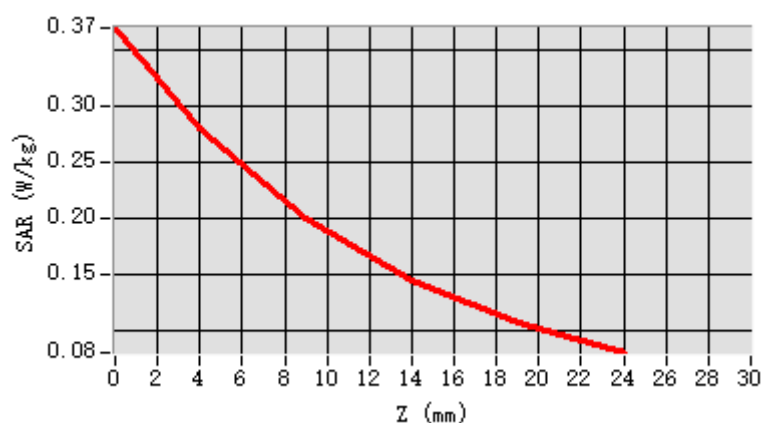
Maximum location: X=0.00, Y=14.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.191998
SAR 1g (W/Kg)	0.278269



Z Axis Scan



Testing result (LTE Band 13, Back, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/11/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 13
Channels	Middle
Signal	LTE(Crest factor: 1.0)

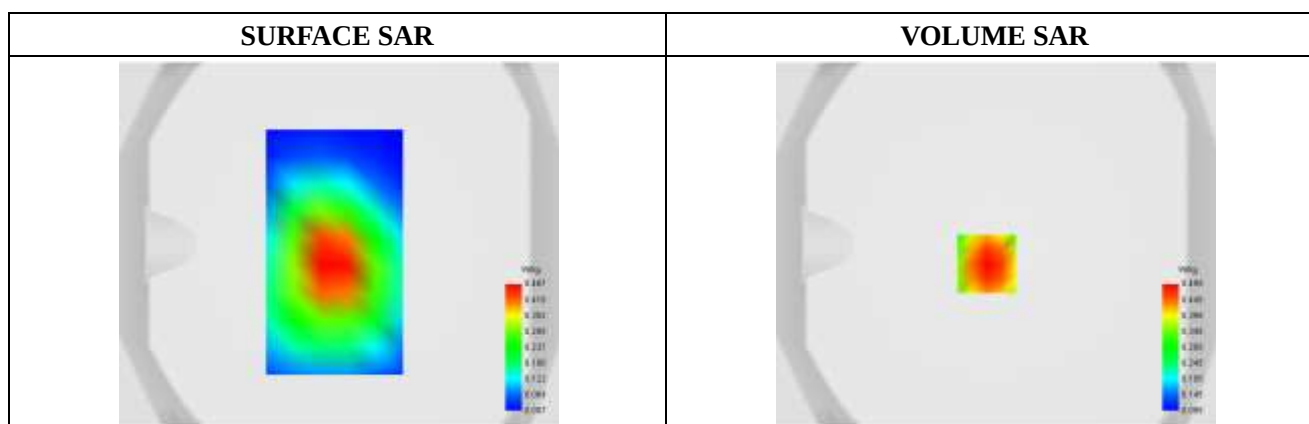
B. SAR Measurement Results

Frequency (MHz)	782.5
Relative permittivity (real part)	42.59
Conductivity (S/m)	0.90
Variation (%)	-1.13

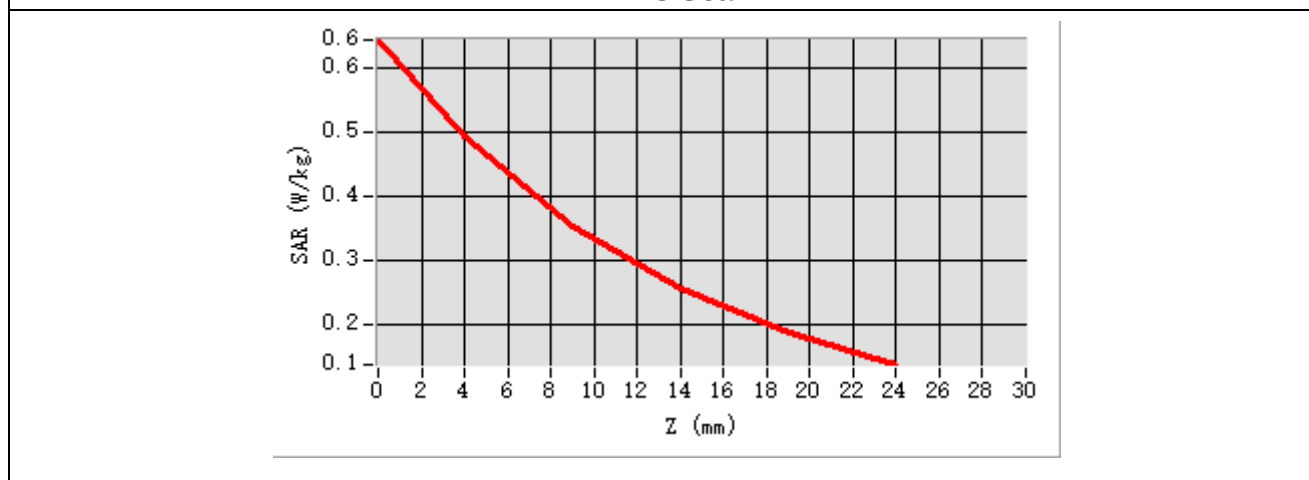
Maximum location: X=-5.00, Y=-11.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.325912
SAR 1g (W/Kg)	0.474255



Z Axis Scan



Testing result (LTE Band 66, Back, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/19/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3223-EPGO-422
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 66
Channels	Middle
Signal	LTE(Crest factor: 1.0)

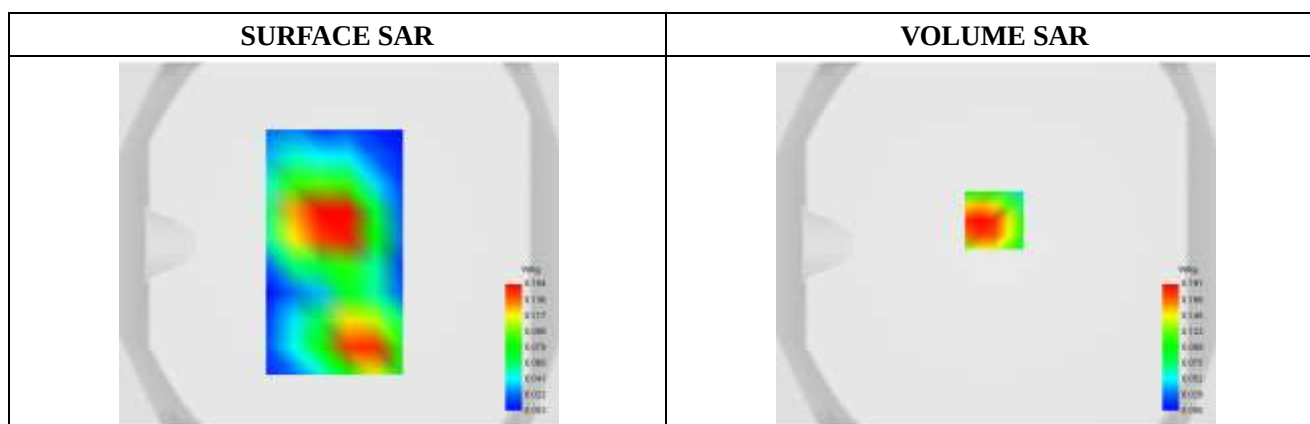
B. SAR Measurement Results

Frequency (MHz)	1745.0
Relative permittivity (real part)	40.54
Conductivity (S/m)	1.37
Variation (%)	-0.29

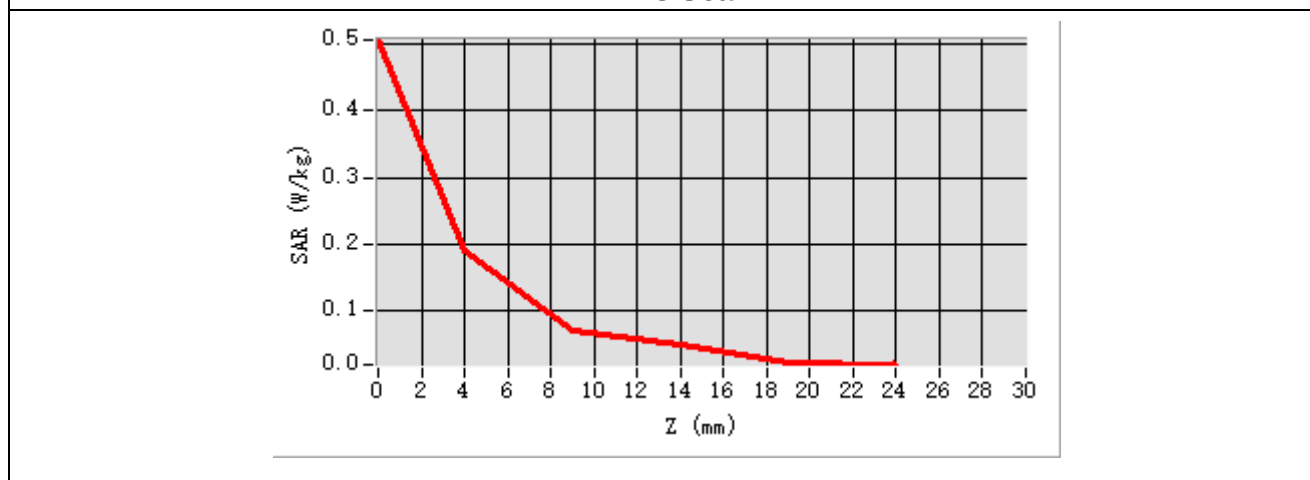
Maximum location: X=-1.00, Y=13.00

SAR Peak: 4.14 W/kg

SAR 10g (W/Kg)	0.097391
SAR 1g (W/Kg)	0.183335



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b, Edge C, Middle, 15mm)

Type: phone measurement

Date of measurement: 06/18/2024

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	Middle
Signal	DSSS(Crest factor: 1.0)

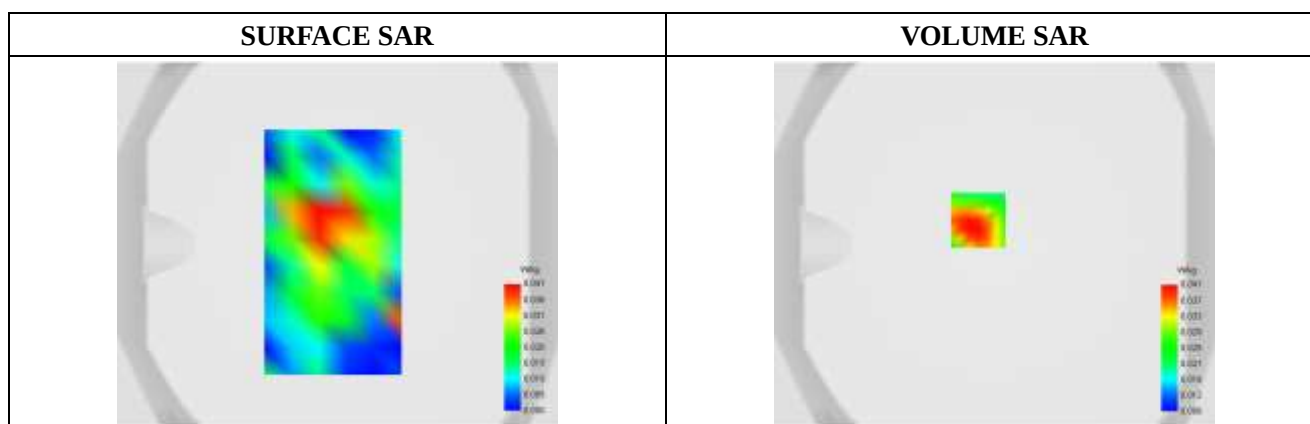
B. SAR Measurement Results

Frequency (MHz)	2437.0
Relative permittivity (real part)	39.59
Conductivity (S/m)	1.80
Variation (%)	-0.10

Maximum location: X=-9.00, Y=13.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.019887
SAR 1g (W/Kg)	0.038133



Z Axis Scan

