

Testing result (WCDMA850, Front, Low, 5mm)

Type: phone measurement

Date of measurement: 09/12/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Low
Signal	WCDMA(Crest factor: 1.0)

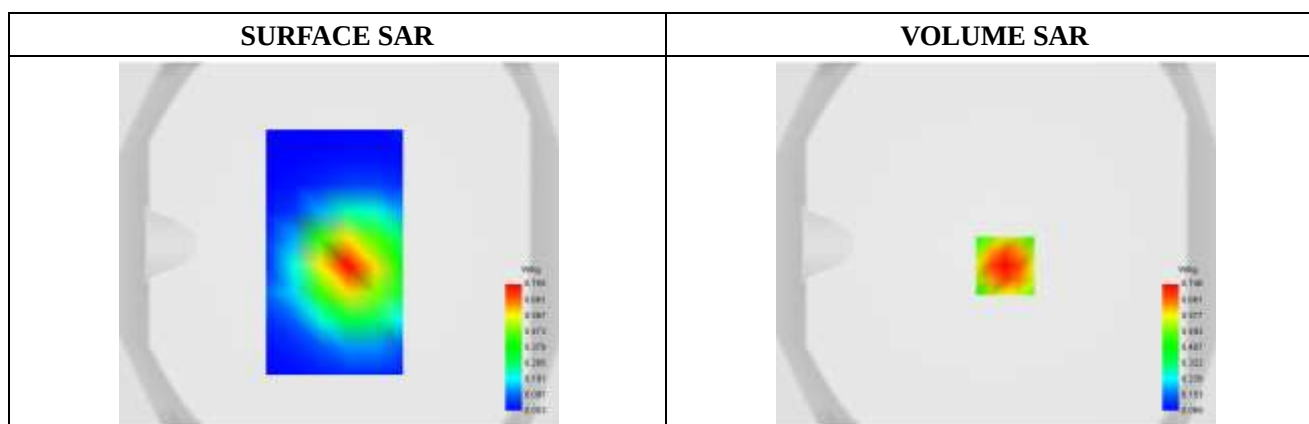
B. SAR Measurement Results

Frequency (MHz)	826.4
Relative permittivity (real part)	42.33
Conductivity (S/m)	0.91
Variation (%)	-0.31

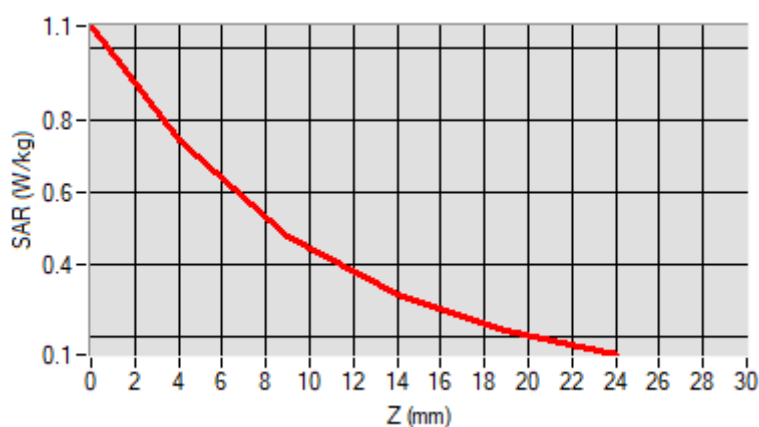
Maximum location: X=5.00, Y=-12.00

SAR Peak: 1.10 W/kg

SAR 10g (W/Kg)	0.449084
SAR 1g (W/Kg)	0.709046



Z Axis Scan



Testing result (WCDMA1700, Edge 1, High, 5mm)

Type: phone measurement

Date of measurement: 09/14/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

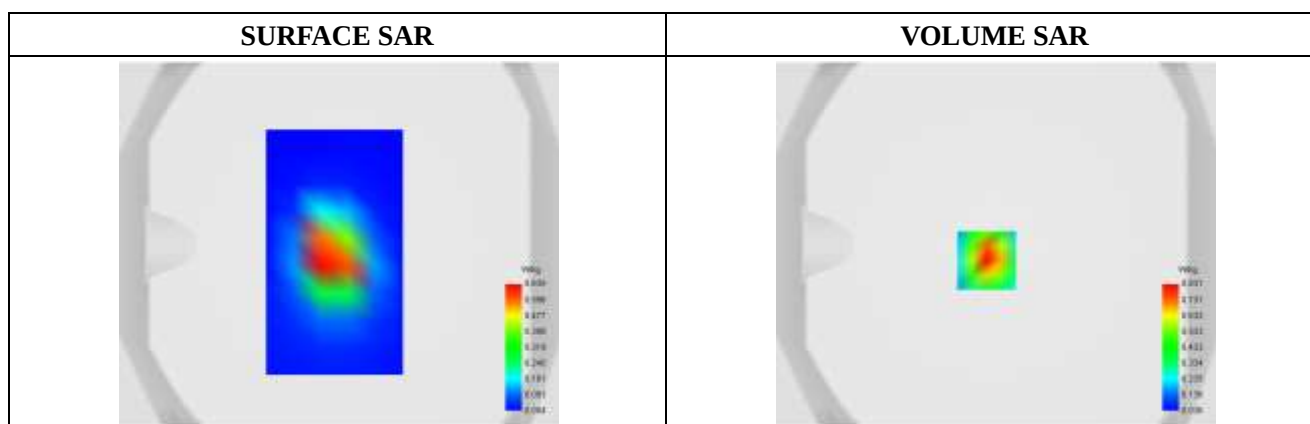
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	41.27
Conductivity (S/m)	1.37
Variation (%)	0.71

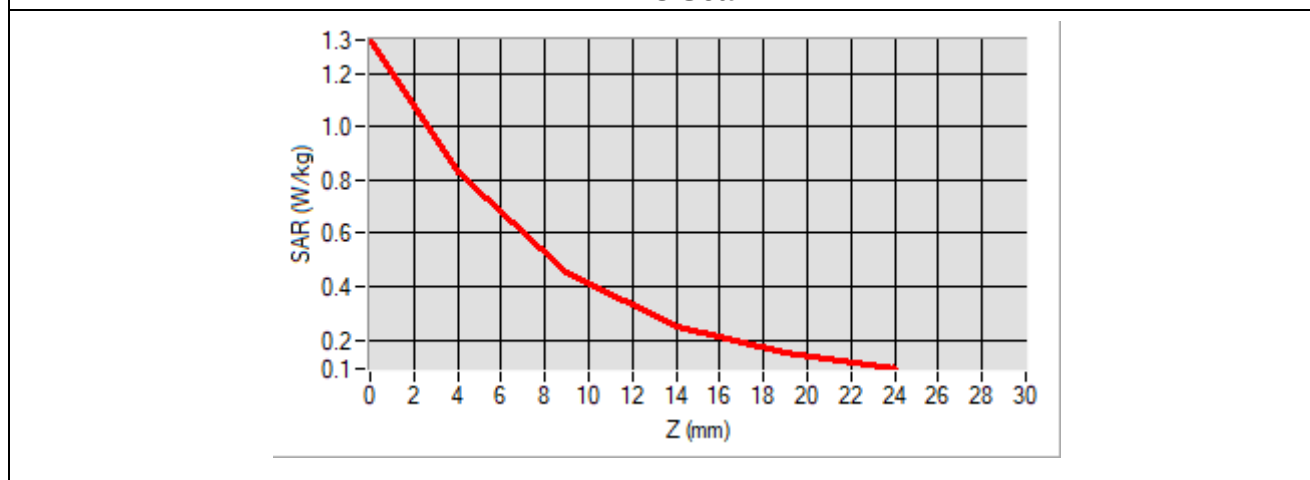
Maximum location: X=-5.00, Y=-9.00

SAR Peak: 1.31 W/kg

SAR 10g (W/Kg)	0.394869
SAR 1g (W/Kg)	0.770217



Z Axis Scan



Testing result (WCDMA1900, Edge 1, Low, 5mm)

Type: phone measurement

Date of measurement: 09/11/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA2100
Channels	Low
Signal	WCDMA(Crest factor: 1.0)

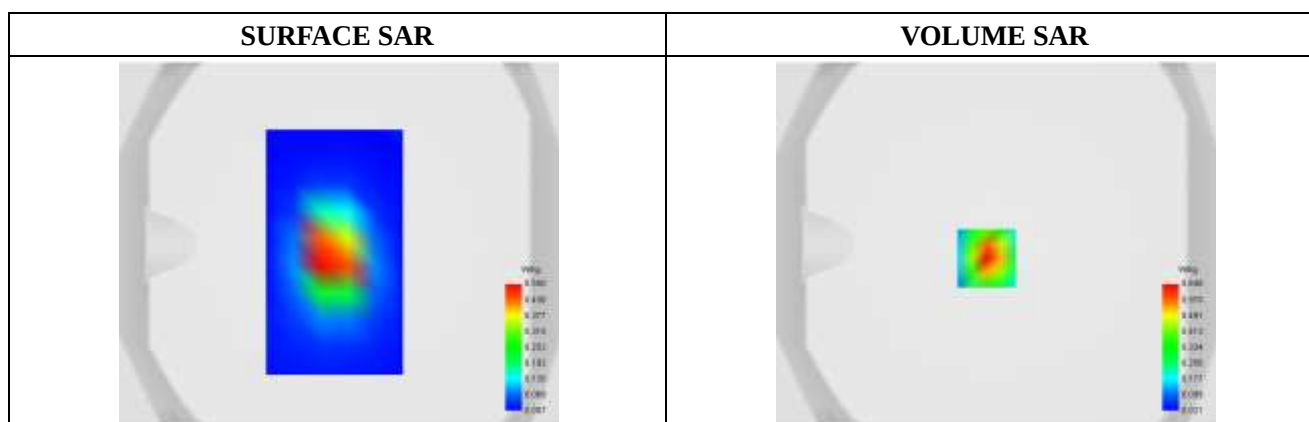
B. SAR Measurement Results

Frequency (MHz)	1852.4
Relative permittivity (real part)	40.22
Conductivity (S/m)	1.38
Variation (%)	1.69

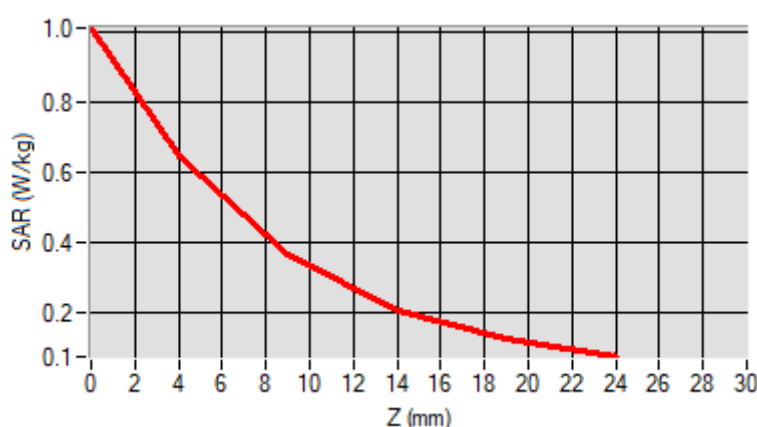
Maximum location: X=-5.00, Y=-8.00

SAR Peak: 1.01 W/kg

SAR 10g (W/Kg)	0.308102
SAR 1g (W/Kg)	0.598712



Z Axis Scan



Testing result (LTE Band 2, Front, Low, 5mm)

Type: phone measurement

Date of measurement: 09/11/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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	Low
Signal	LTE(Crest factor: 1.0)

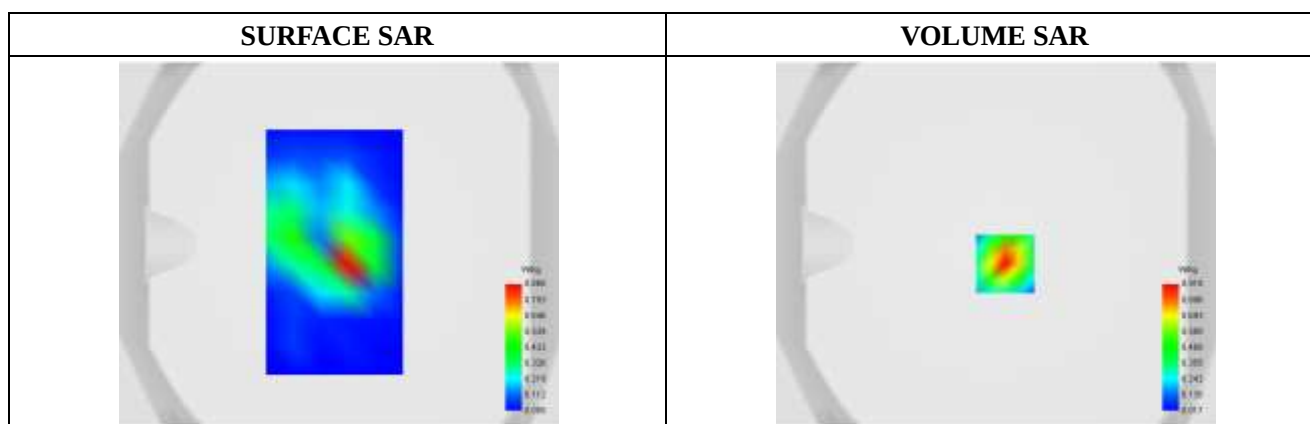
B. SAR Measurement Results

Frequency (MHz)	1860.0
Relative permittivity (real part)	40.19
Conductivity (S/m)	1.38
Variation (%)	-1.95

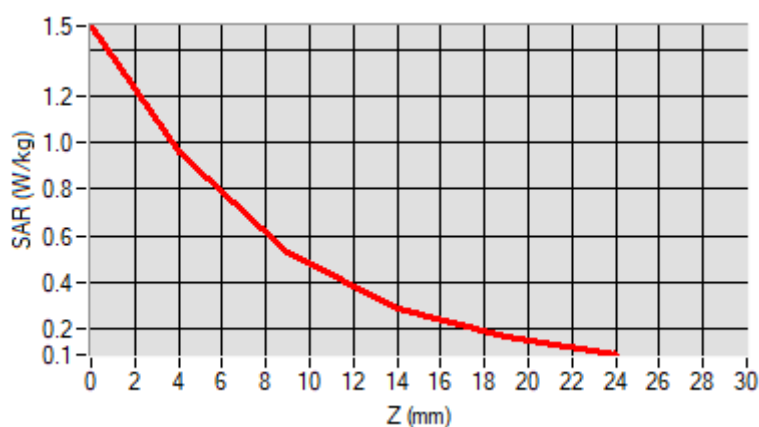
Maximum location: X=5.00, Y=-11.00

SAR Peak: 1.51 W/kg

SAR 10g (W/Kg)	0.445470
SAR 1g (W/Kg)	0.879766



Z Axis Scan



Testing result (LTE Band 4, Front, High, 5mm)

Type: phone measurement

Date of measurement: 09/14/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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	High
Signal	LTE(Crest factor: 1.0)

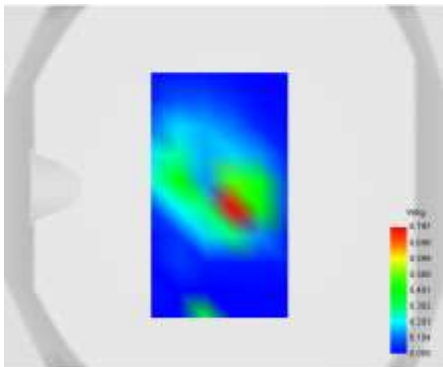
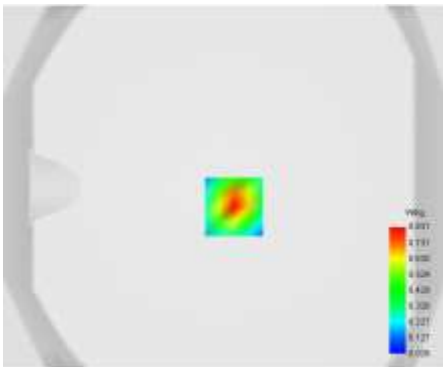
B. SAR Measurement Results

Frequency (MHz)	1747.0
Relative permittivity (real part)	41.29
Conductivity (S/m)	1.37
Variation (%)	-1.20

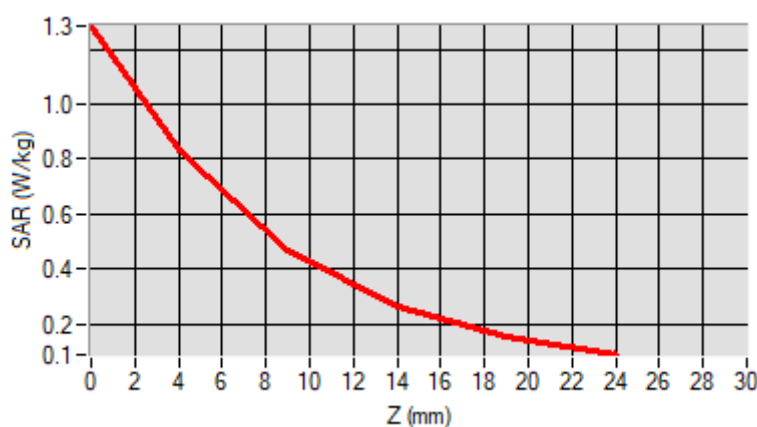
Maximum location: X=6.00, Y=-11.00

SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.392702
SAR 1g (W/Kg)	0.764026

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (LTE Band 5, Front, Middle, 5mm)

Type: phone measurement

Date of measurement: 09/12/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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)

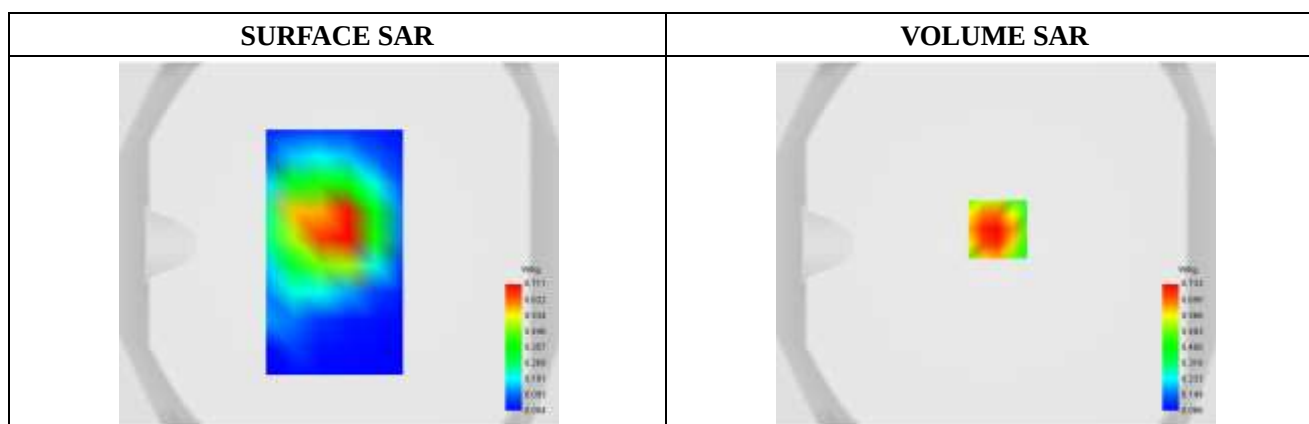
B. SAR Measurement Results

Frequency (MHz)	836.5
Relative permittivity (real part)	42.29
Conductivity (S/m)	0.93
Variation (%)	-1.81

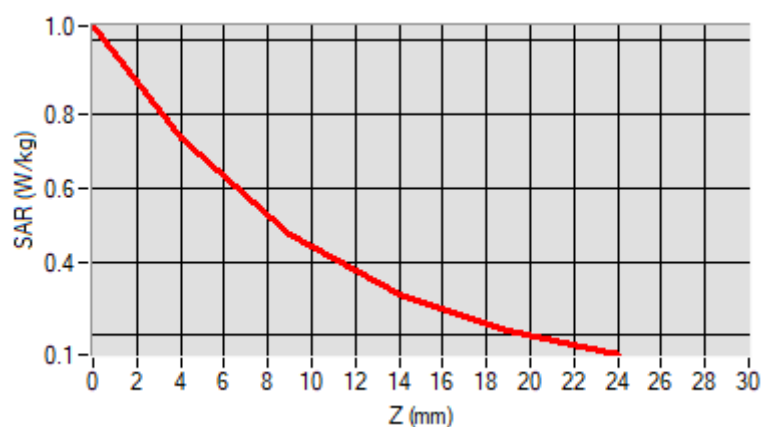
Maximum location: X=1.00, Y=8.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.446168
SAR 1g (W/Kg)	0.704609



Z Axis Scan



Testing result (LTE Band 7, Front Repeat, High, 5mm)

Type: phone measurement

Date of measurement: 09/10/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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	High
Signal	LTE(Crest factor: 1.0)

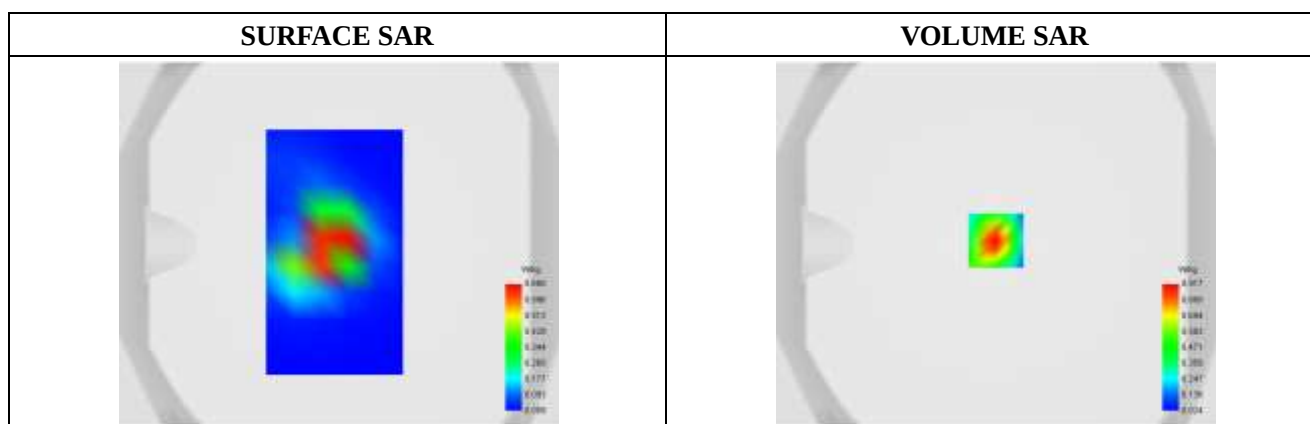
B. SAR Measurement Results

Frequency (MHz)	2560.0
Relative permittivity (real part)	38.18
Conductivity (S/m)	1.94
Variation (%)	1.09

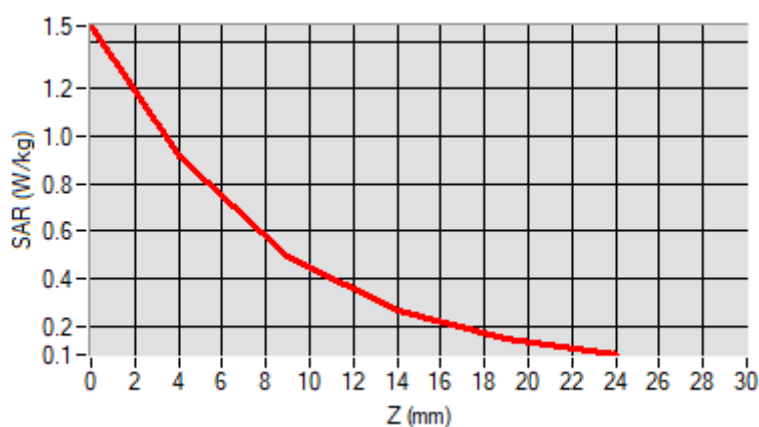
Maximum location: X=0.00, Y=2.00

SAR Peak: 1.49 W/kg

SAR 10g (W/Kg)	0.404081
SAR 1g (W/Kg)	0.819141



Z Axis Scan



Testing result (LTE Band 12, Front, High, 5mm)

Type: phone measurement

Date of measurement: 09/08/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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	High
Signal	LTE(Crest factor: 1.0)

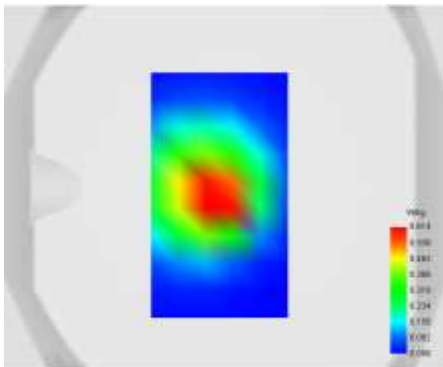
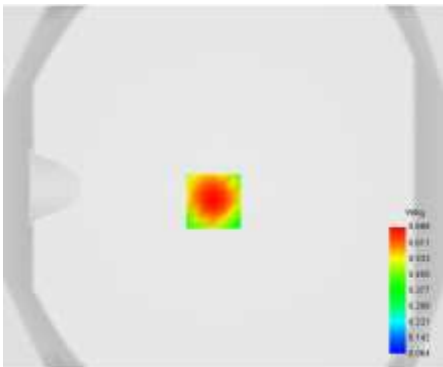
B. SAR Measurement Results

Frequency (MHz)	711.0
Relative permittivity (real part)	41.37
Conductivity (S/m)	0.85
Variation (%)	-1.20

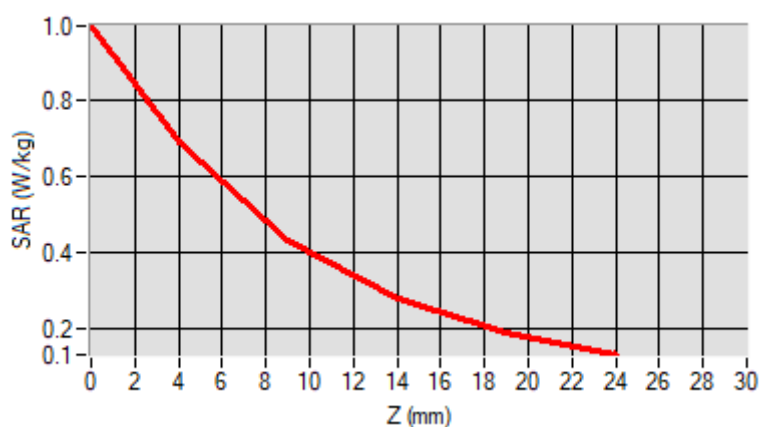
Maximum location: X=-5.00, Y=-8.00

SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.411741
SAR 1g (W/Kg)	0.674911

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (LTE Band 17, Front, High, 5mm)

Type: phone measurement

Date of measurement: 09/08/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 17
Channels	High
Signal	LTE(Crest factor: 1.0)

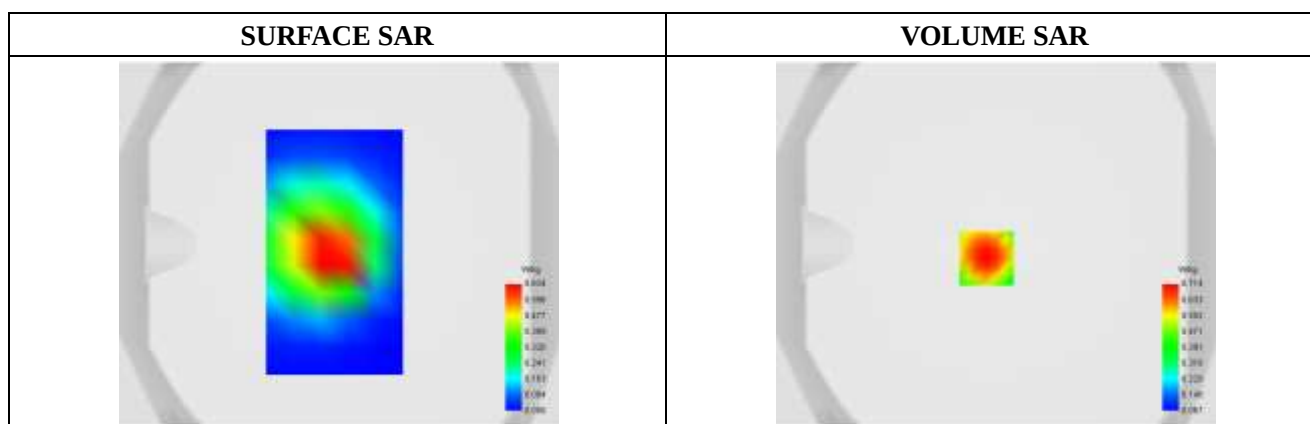
B. SAR Measurement Results

Frequency (MHz)	711.0
Relative permittivity (real part)	41.37
Conductivity (S/m)	0.85
Variation (%)	1.01

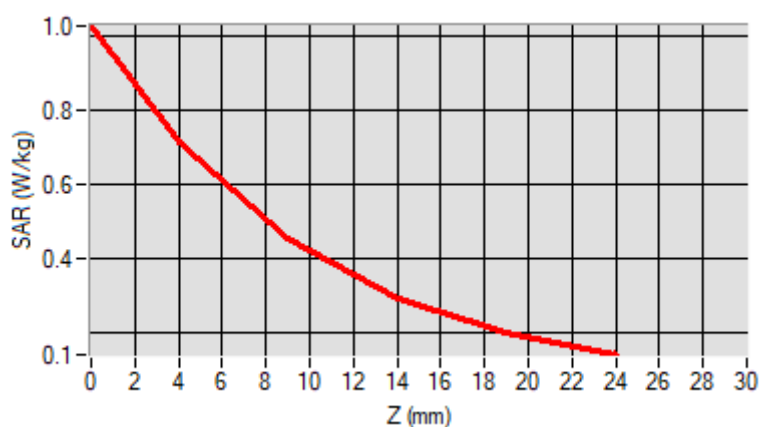
Maximum location: X=-5.00, Y=-8.00

SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.427479
SAR 1g (W/Kg)	0.698069



Z Axis Scan



Testing result (LTE Band 25, Front, Low, 5mm)

Type: phone measurement

Date of measurement: 09/11/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 25
Channels	Low
Signal	LTE(Crest factor: 1.0)

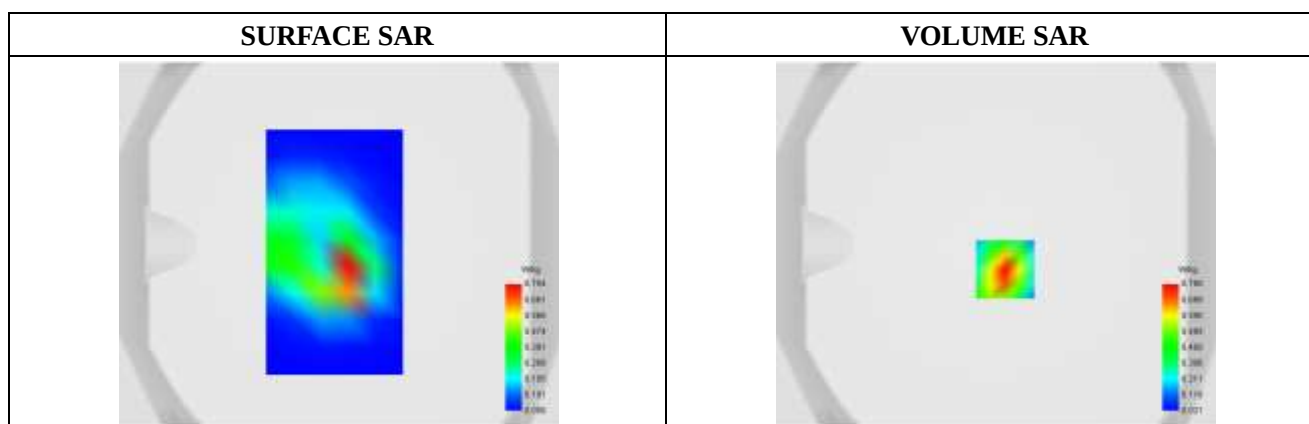
B. SAR Measurement Results

Frequency (MHz)	1860.0
Relative permittivity (real part)	40.19
Conductivity (S/m)	1.38
Variation (%)	-0.50

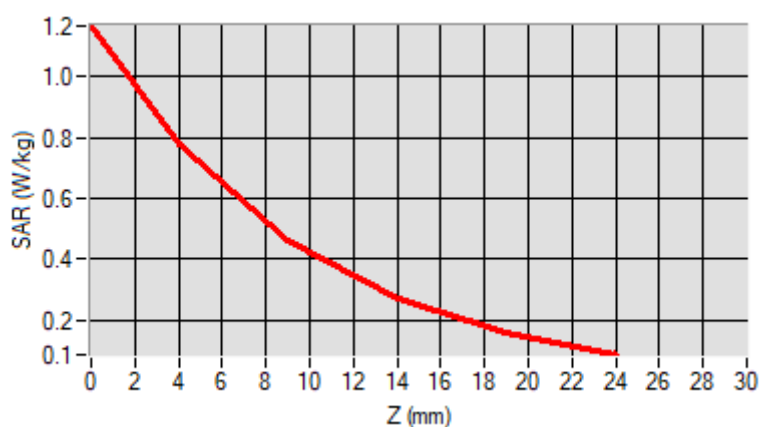
Maximum location: X=5.00, Y=-14.00

SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.378238
SAR 1g (W/Kg)	0.717806



Z Axis Scan



Testing result (LTE Band 26, Front, Low, 5mm)

Type: phone measurement

Date of measurement: 09/12/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 26
Channels	Low
Signal	LTE(Crest factor: 1.0)

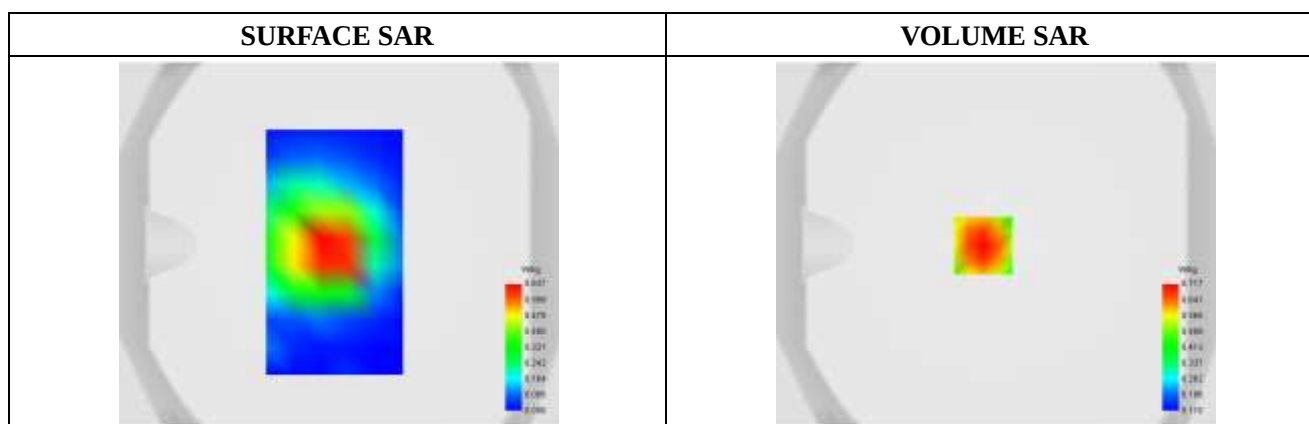
B. SAR Measurement Results

Frequency (MHz)	821.5
Relative permittivity (real part)	42.34
Conductivity (S/m)	0.91
Variation (%)	-2.09

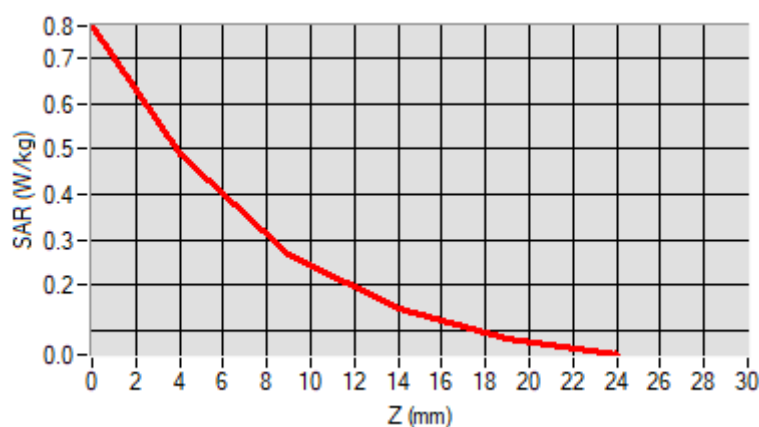
Maximum location: X=-7.00, Y=-1.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.490023
SAR 1g (W/Kg)	0.686044



Z Axis Scan



Testing result (LTE Band 38, Front, Low, 5mm)

Type: phone measurement

Date of measurement: 09/10/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 38
Channels	Low
Signal	LTE(Crest factor: 0.633)

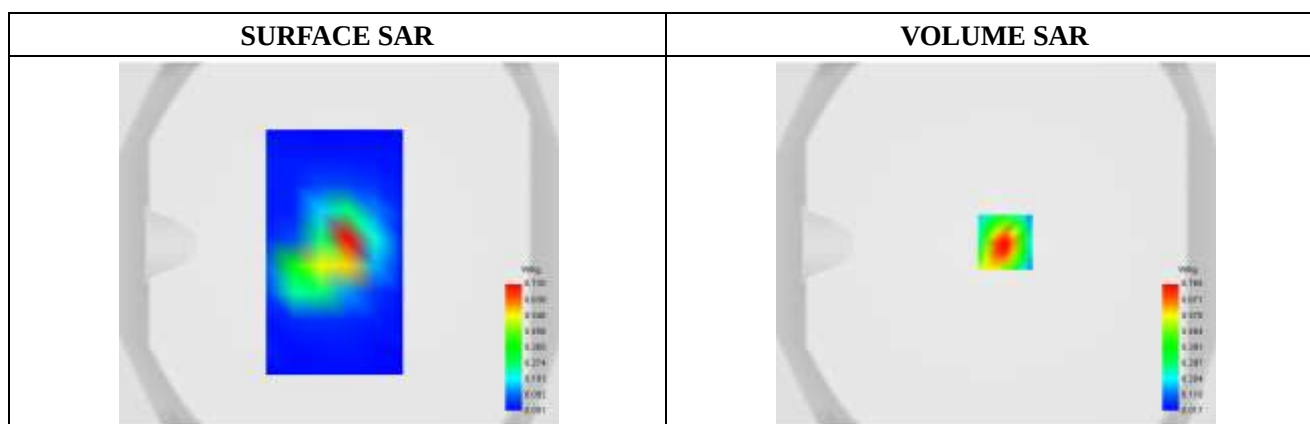
B. SAR Measurement Results

Frequency (MHz)	2580.0
Relative permittivity (real part)	38.13
Conductivity (S/m)	1.96
Variation (%)	-0.36

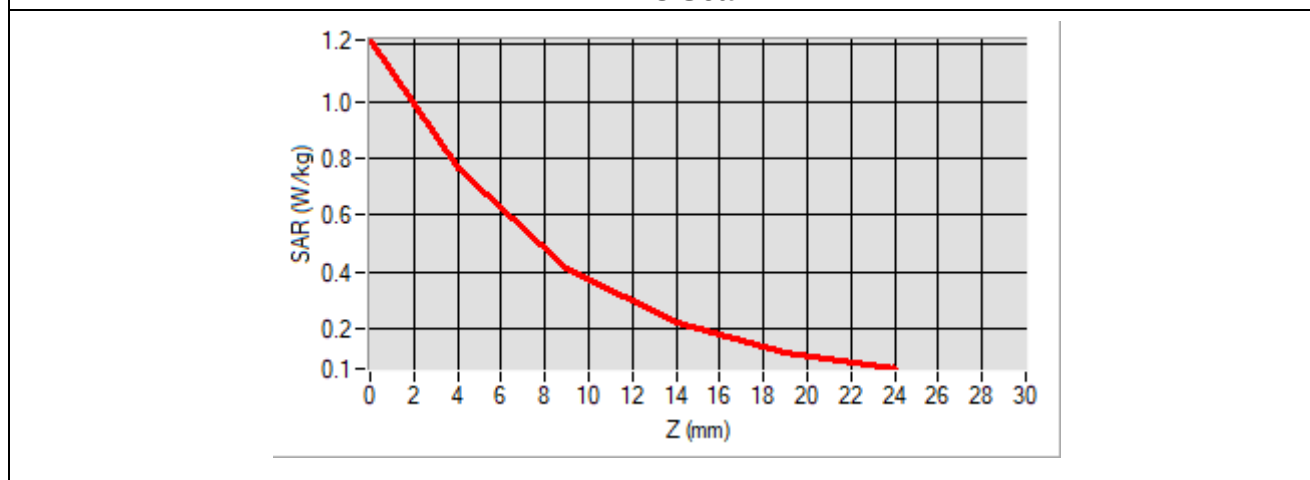
Maximum location: X=5.00, Y=1.00

SAR Peak: 1.18 W/kg

SAR 10g (W/Kg)	0.342141
SAR 1g (W/Kg)	0.690974



Z Axis Scan



Testing result (LTE Band 41, Front, High, 5mm)

Type: phone measurement

Date of measurement: 09/10/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 41
Channels	High
Signal	LTE(Crest factor: 0.633)

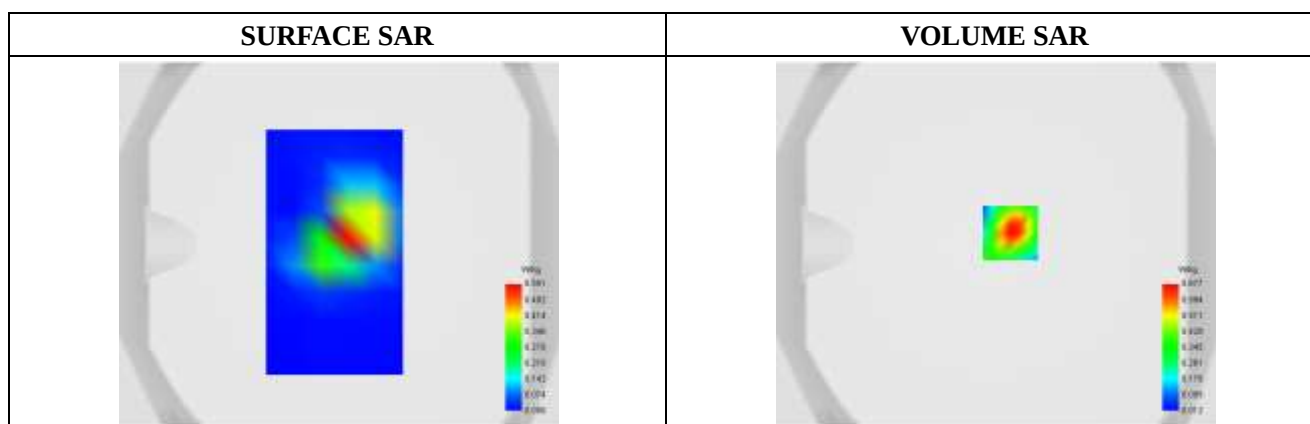
B. SAR Measurement Results

Frequency (MHz)	2645.0
Relative permittivity (real part)	38.03
Conductivity (S/m)	2.00
Variation (%)	1.21

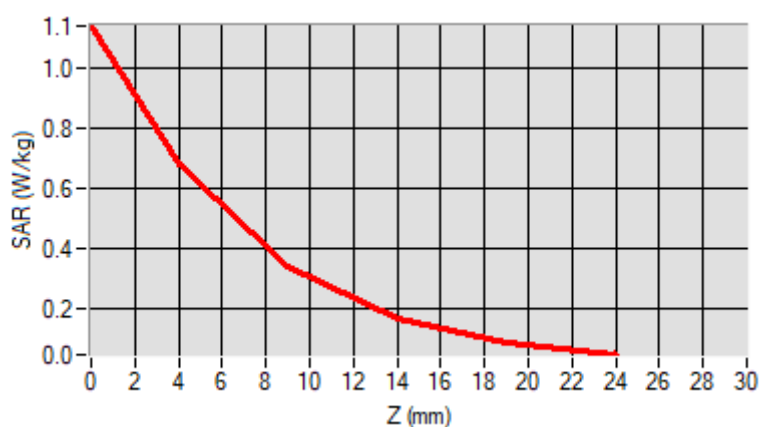
Maximum location: X=8.00, Y=6.00

SAR Peak: 1.10 W/kg

SAR 10g (W/Kg)	0.299619
SAR 1g (W/Kg)	0.620171



Z Axis Scan



Testing result (LTE Band 71, Front, Low, 5mm)

Type: phone measurement

Date of measurement: 09/08/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 71
Channels	Low
Signal	LTE(Crest factor: 1.00)

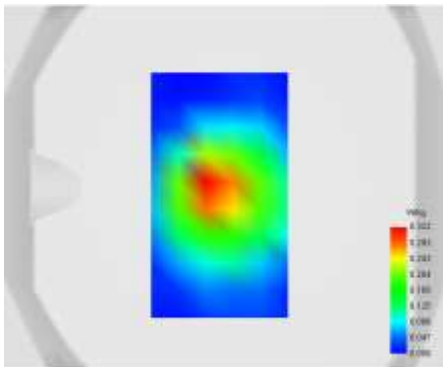
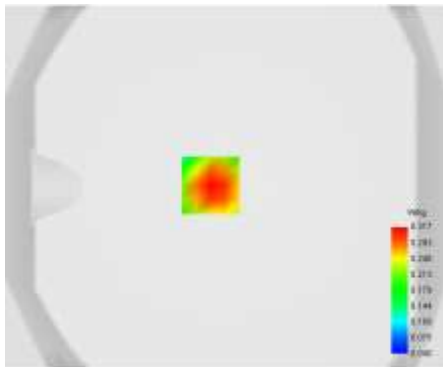
B. SAR Measurement Results

Frequency (MHz)	673.0
Relative permittivity (real part)	41.53
Conductivity (S/m)	0.82
Variation (%)	-1.04

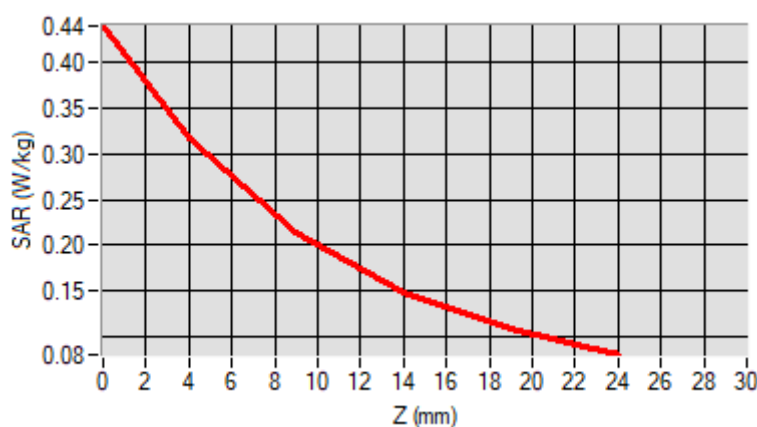
Maximum location: X=-8.00, Y=1.00

SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.208455
SAR 1g (W/Kg)	0.316103

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (WI-FI 2.4G 802.11b, Front, High, 5mm)

Type: phone measurement

Date of measurement: 09/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
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	High
Signal	DSSS(Crest factor: 1.0)

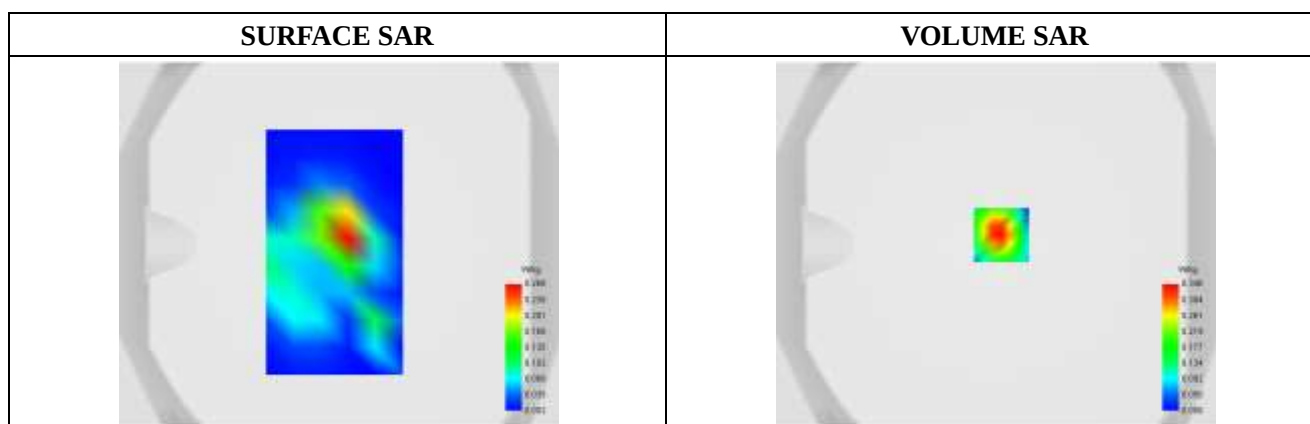
B. SAR Measurement Results

Frequency (MHz)	2462.0
Relative permittivity (real part)	38.73
Conductivity (S/m)	1.78
Variation (%)	1.16

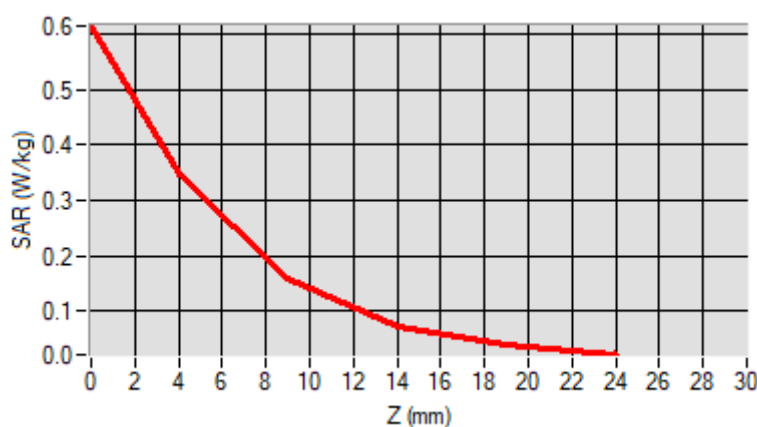
Maximum location: X=3.00, Y=5.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.148234
SAR 1g (W/Kg)	0.315223



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/28/2024

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)

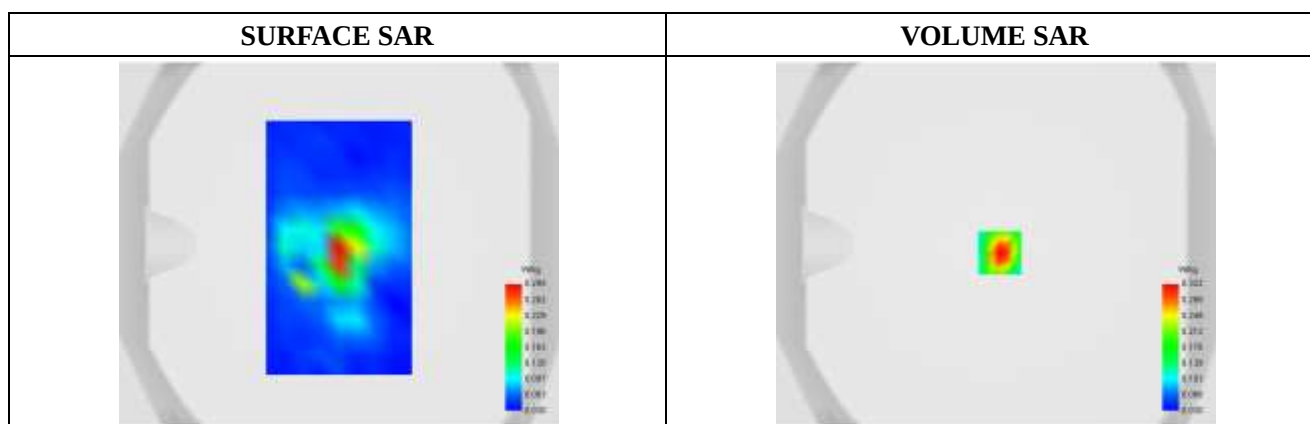
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	336.40
Conductivity (S/m)	4.63
Variation (%)	-0.90

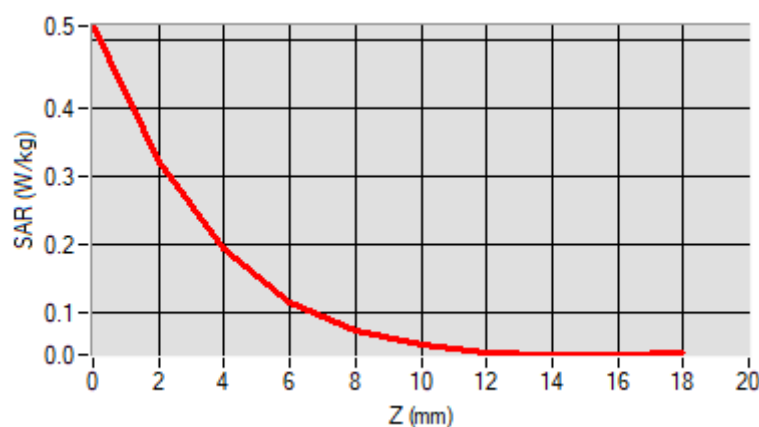
Maximum location: X=2.00, Y=-5.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.084685
SAR 1g (W/Kg)	0.193200



Z Axis Scan



Testing result (WI-FI 5G U-NII 3 802.11n40, Edge 2, High, 5mm)

Type: phone measurement

Date of measurement: 08/30/2024

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 802.11n40
Channels	High
Signal	OFDM(Crest factor: 1.0)

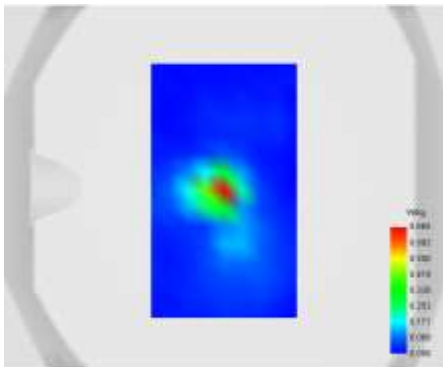
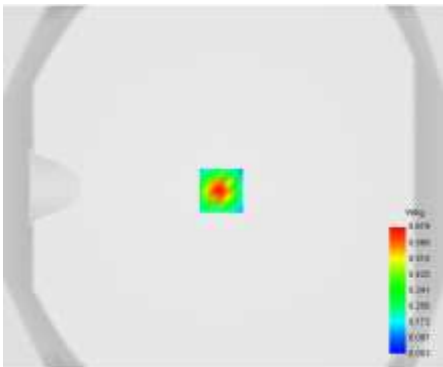
B. SAR Measurement Results

Frequency (MHz)	5795.0
Relative permittivity (real part)	35.44
Conductivity (S/m)	5.14
Variation (%)	1.02

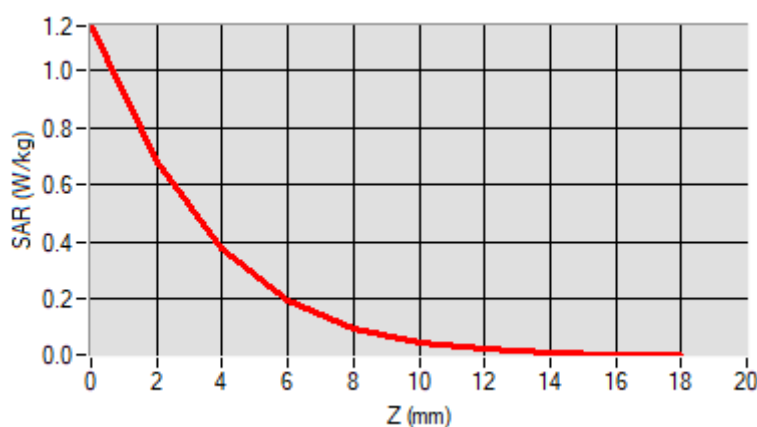
Maximum location: X=-1.00, Y=-2.00

SAR Peak: 1.20 W/kg

SAR 10g (W/Kg)	0.119675
SAR 1g (W/Kg)	0.365124

SURFACE SAR	VOLUME SAR
	

Z Axis Scan



Testing result (Bluetooth ANT 2, Front, Middle, 5mm)

Type: phone measurement

Date of measurement: 09/01/2024

A. Experimental conditions.

E-Field Probe	SATIMO 3723-EPGO-433
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	BLE 1M
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

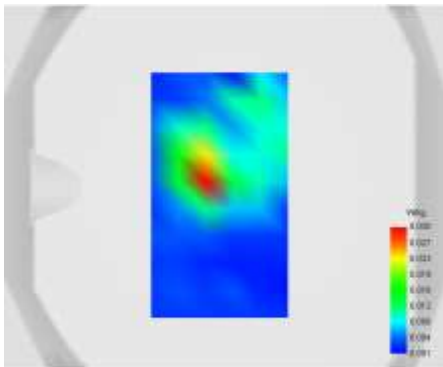
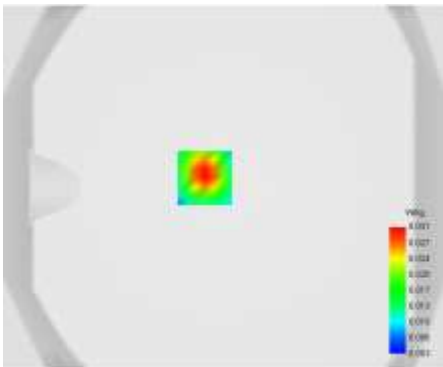
B. SAR Measurement Results

Frequency (MHz)	2402.0
Relative permittivity (real part)	38.90
Conductivity (S/m)	1.70
Variation (%)	-1.75

Maximum location: X=-10.00, Y=5.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.015172
SAR 1g (W/Kg)	0.028444

SURFACE SAR	VOLUME SAR
	

Z Axis Scan

