

**Appendix B: SAR Measurement results Plots**

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM 850 ANT 3	Left Cheek Middle	2023/09/11
2	GPRS 850 4Tx ANT 3	Body Back, Middle ,10mm	2023/09/11
3	GSM 1900 ANT 3	Left Cheek Middle	2023/09/18
4	GPRS 1900 4Tx ANT 3	Body Back, Middle ,10mm	2023/09/18
5	CDMA BC0 ANT 3	Left Cheek Middle	2023/09/11
6	CDMA BC0 ANT 3	Body Back, Middle ,10mm	2023/09/11
7	WCDMA 850 ANT 3	Left Cheek Middle	2023/09/11
8	WCDMA 850 ANT 3	Body Back, Middle ,10mm	2023/09/11
9	WCDMA 1700 ANT 3	Left Cheek Middle	2023/09/13
10	WCDMA 1700 ANT 3	Body Back, Middle ,10mm	2023/09/13
11	WCDMA 1900 ANT 3	Left Cheek Middle	2023/09/18
12	WCDMA 1900 ANT 3	Body Back, High ,10mm	2023/09/18
13	LTE Band 2 ANT 3	Right Cheek Middle	2023/09/18
14	LTE Band 2 ANT 3	Body Back, High ,10mm	2023/09/18
15	LTE Band 4 ANT 3	Right Cheek Middle	2023/09/13
16	LTE Band 4 ANT 3	Body Back, Middle ,10mm	2023/09/13
17	LTE Band 5 ANT 3	Right Cheek Middle	2023/09/11
18	LTE Band 5 ANT 3	Body Back, Middle ,10mm	2023/09/11
19	LTE Band 7 ANT 3	Left Cheek Middle	2023/09/20
20	LTE Band 7 ANT 3	Body Back, Middle ,10mm	2023/09/20
21	LTE Band 38 ANT 3	Left Cheek Middle	2023/09/20
22	LTE Band 38 ANT 3	Body Back, Middle ,10mm	2023/09/20
23	LTE Band 41 ANT 3	Left Cheek Middle	2023/09/20
24	LTE Band 41 ANT 3	Body Back, Middle ,10mm	2023/09/20
25	WI-FI 2.4G 802.11b ANT 1	Left Cheek Middle	2023/09/10
26	WI-FI 2.4G 802.11b ANT 1	Body Back, Middle ,10mm	2023/09/10
27	WI-FI U-NII 1 802.11a ANT 1	Left Tilted Middle	2023/09/15
28	WI-FI U-NII 1 802.11a ANT 1	Body Back,Middle,10mm	2023/09/15
29	WI-FI U-NII 2a 802.11a ANT 1	Left Tilted Middle	2023/09/15
30	WI-FI U-NII 2a 802.11a ANT 1	Body Back,Middle,10mm	2023/09/15
31	WI-FI U-NII 2c 802.11a ANT 1	Left Tilted Middle	2023/09/16
32	WI-FI U-NII 2c 802.11a ANT 1	Body Back,Middle,10mm	2023/09/16
33	WI-FI U-NII 3 802.11a ANT 1	Left Tilted Middle	2023/09/16
34	WI-FI U-NII 3 802.11a ANT 1	Body Back,Middle,10mm	2023/09/16
35	Bluetooth ANT 1	Left Cheek Middle	2023/09/10
36	Bluetooth ANT 1	Body Back, Middle ,10mm	2023/09/10

Testing result (GSM850 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	GSM850
Channels	Middle
Signal	GSM(Crest factor: 8.0)

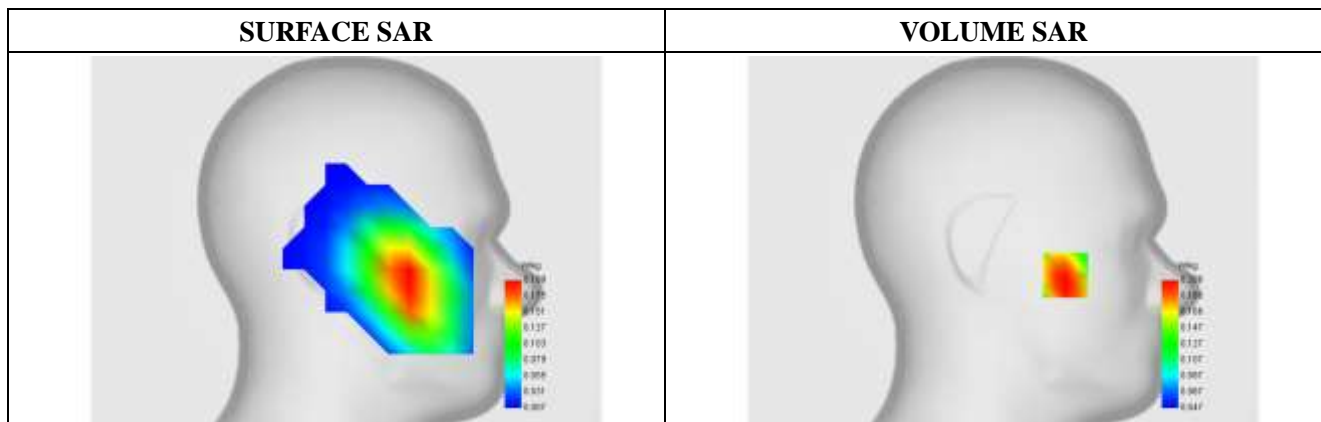
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	0.69

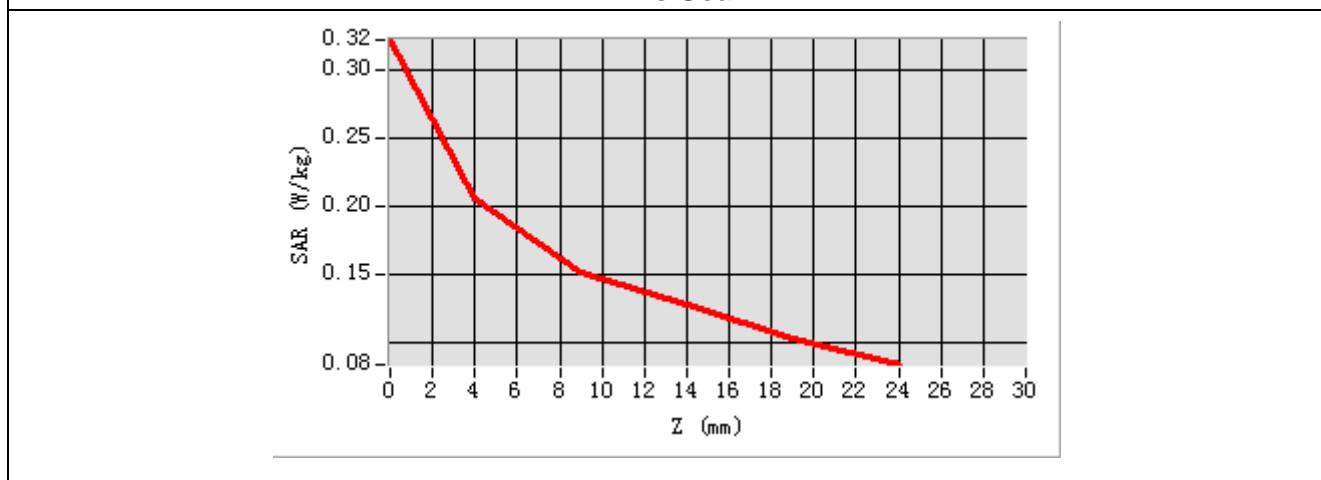
Maximum location: X=-50.00, Y=-25.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.149549
SAR 1g (W/Kg)	0.199341



Z Axis Scan



Testing result (GPRS850 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	GPRS850_4Tx
Channels	Middle
Signal	GSM(Crest factor: 2.0)

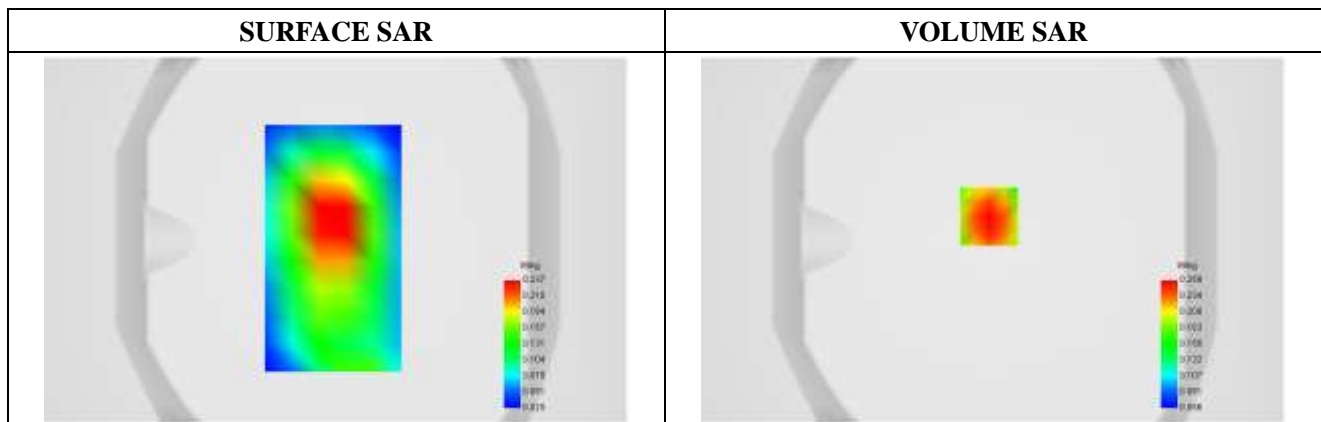
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	-0.50

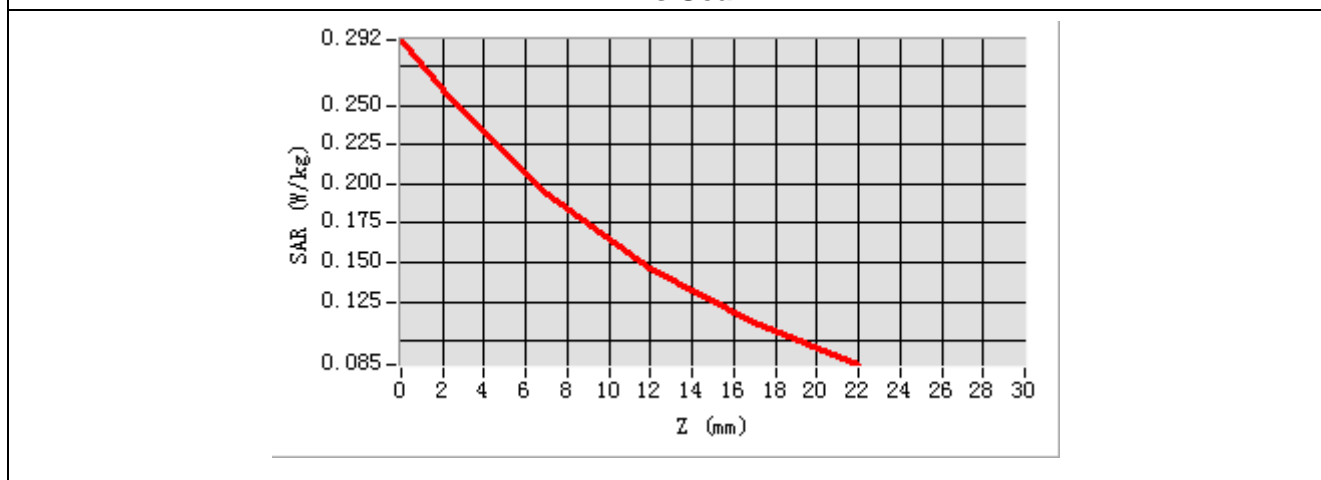
Maximum location: X=-3.00, Y=13.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.158777
SAR 1g (W/Kg)	0.221612



Z Axis Scan



Testing result (GSM1900 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	GSM1900
Channels	Middle
Signal	GSM(Crest factor: 8.0)

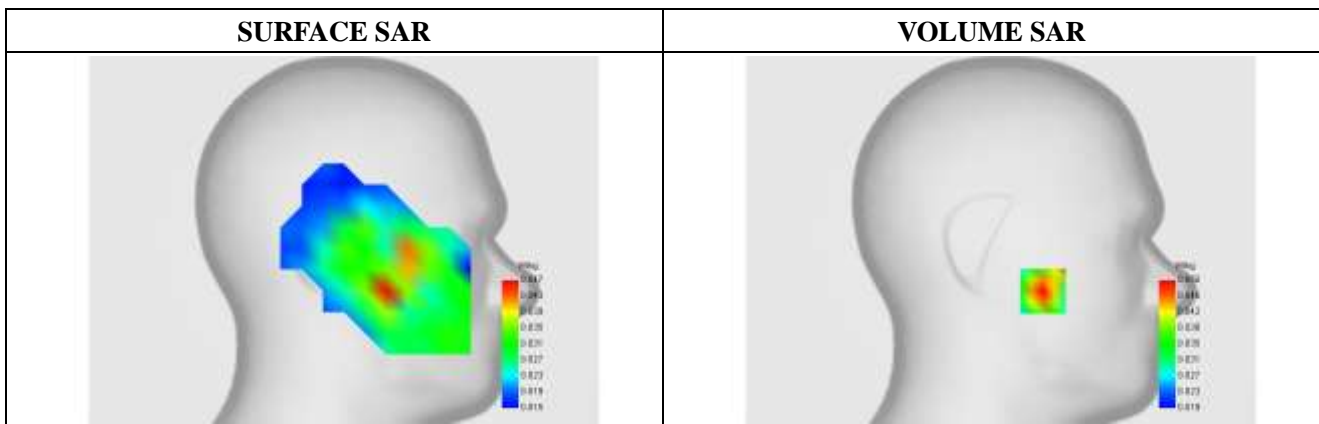
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.41
Variation (%)	-1.31

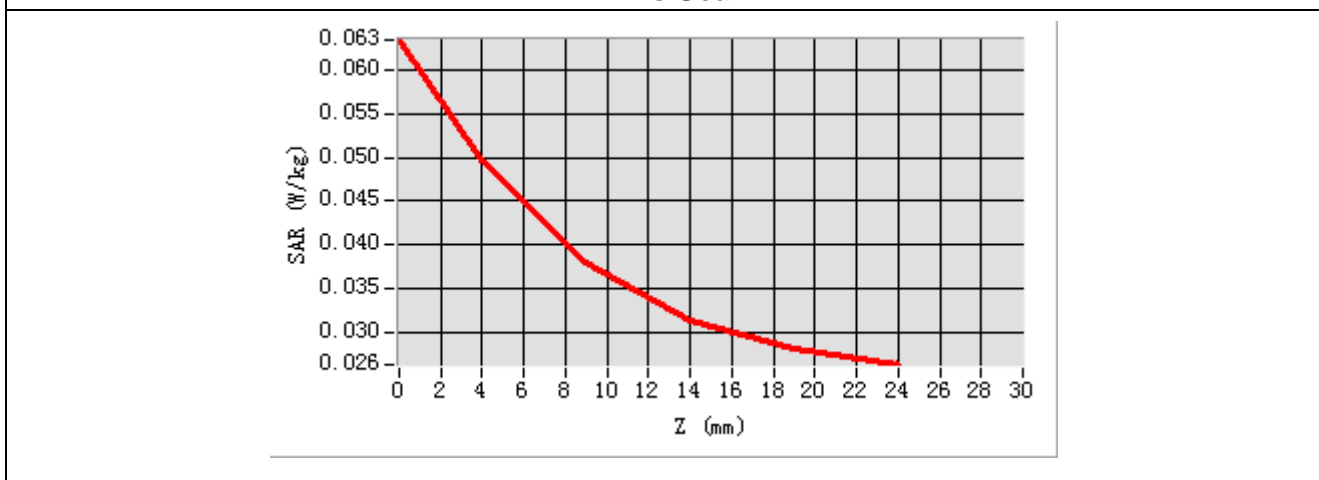
Maximum location: X=-36.00, Y=-36.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.035623
SAR 1g (W/Kg)	0.047263



Z Axis Scan



Testing result (GPRS1900 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900_4Tx
Channels	Middle
Signal	GSM(Crest factor: 2.0)

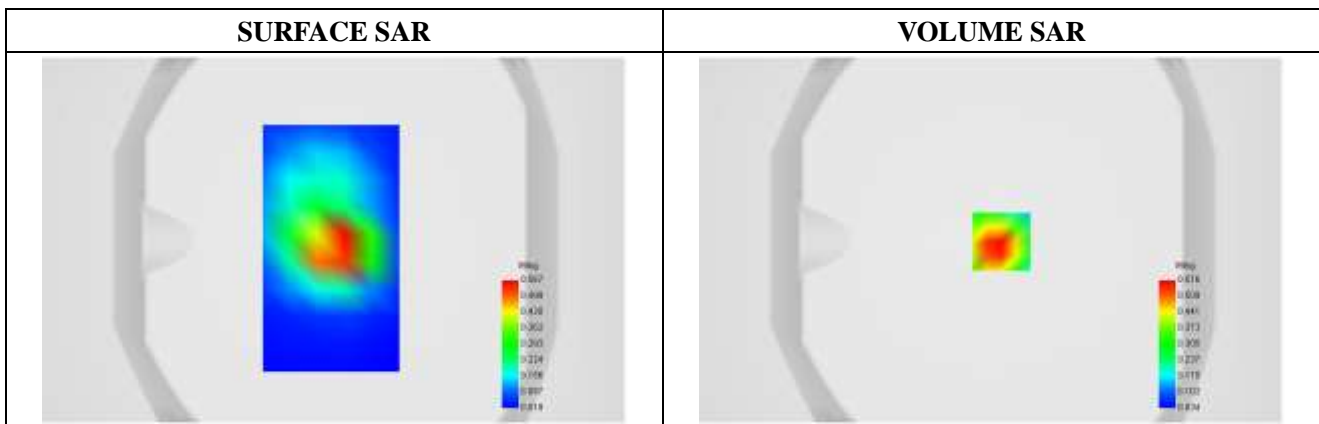
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.41
Variation (%)	0.86

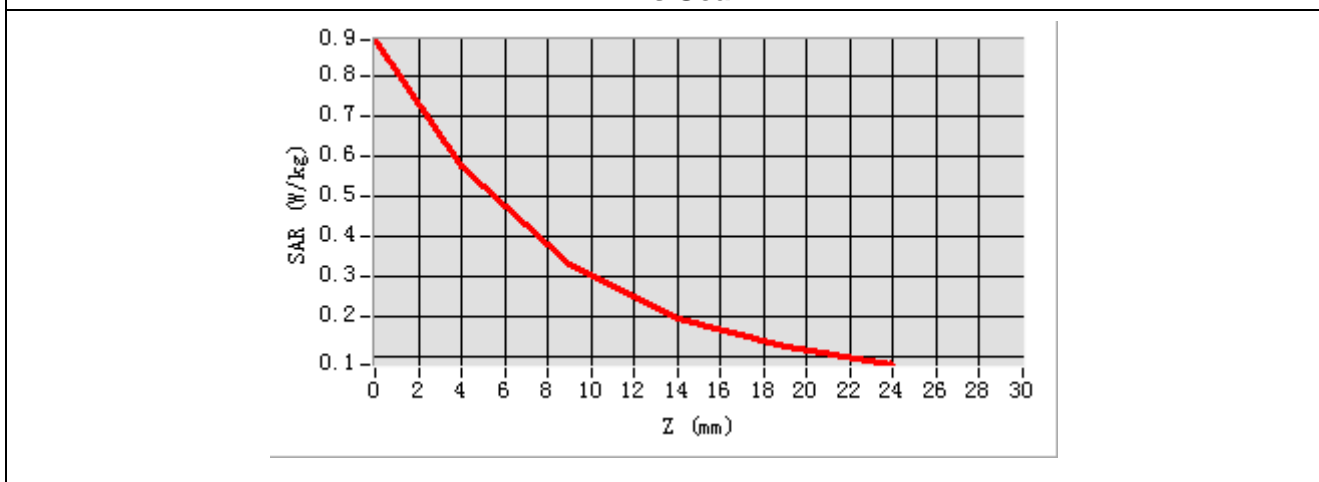
Maximum location: X=5.00, Y=-1.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.317080
SAR 1g (W/Kg)	0.554215



Z Axis Scan



Testing result (CDMA BC 0 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	CDMA BC 0
Channels	Middle
Signal	CDMA(Crest factor: 1.0)

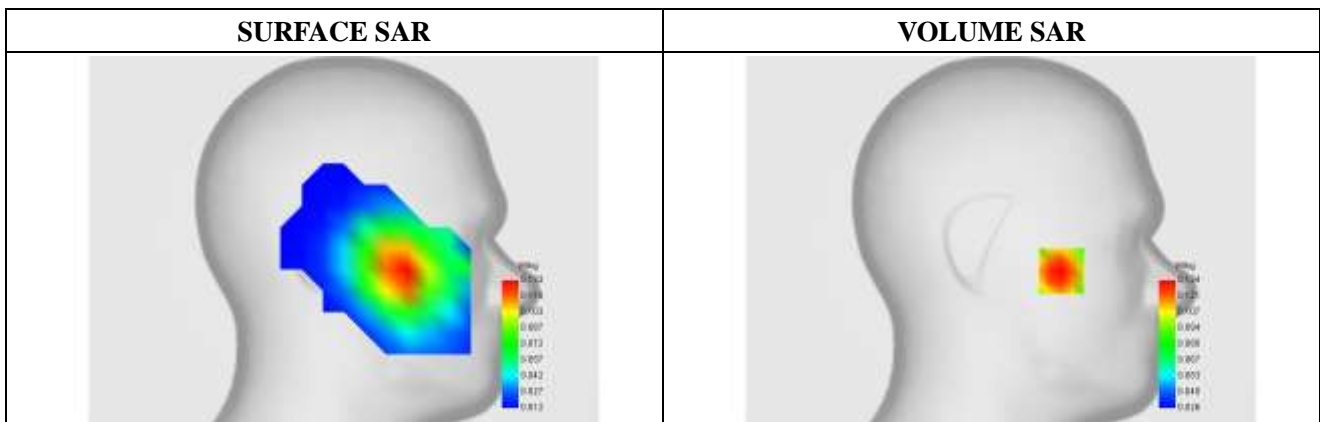
B. SAR Measurement Results

Frequency (MHz)	836.52
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	-1.93

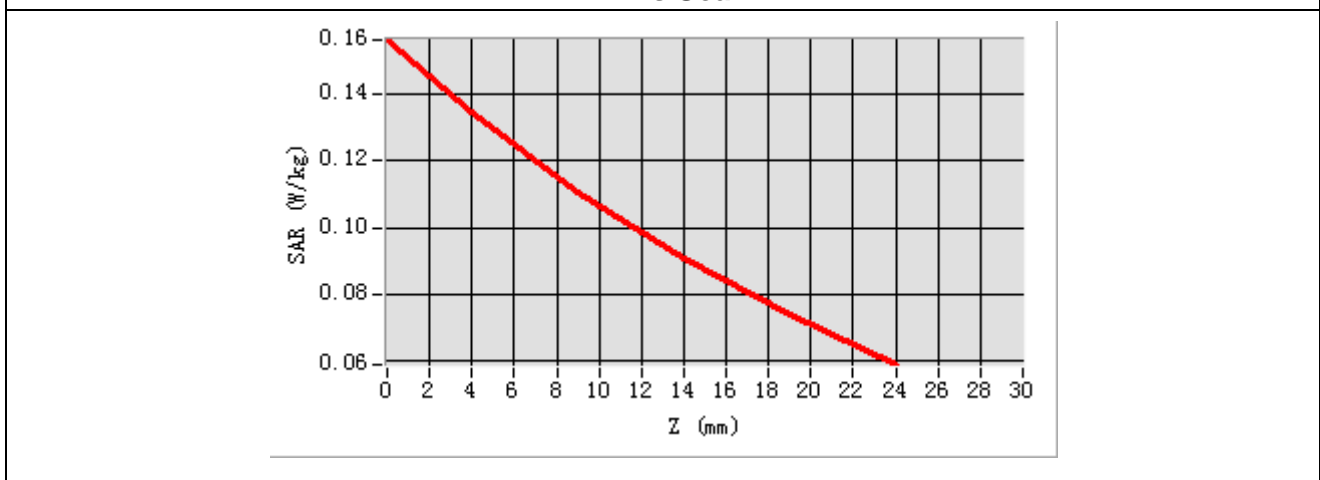
Maximum location: X=-49.00, Y=-22.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.099300
SAR 1g (W/Kg)	0.130212



Z Axis Scan



Testing result (CDMA BC 0 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	CDMA BC 0
Channels	Middle
Signal	CDMA(Crest factor: 1.0)

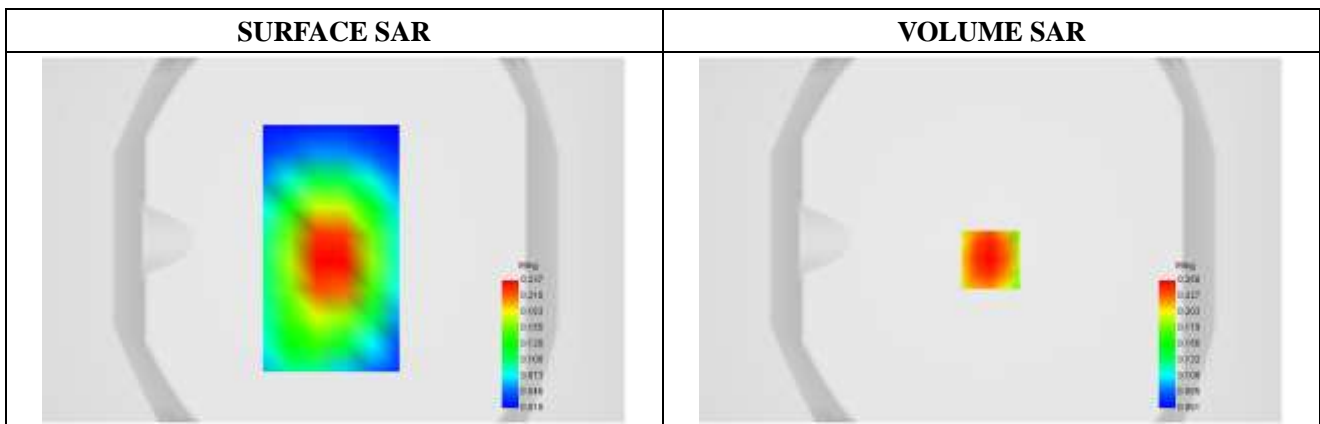
B. SAR Measurement Results

Frequency (MHz)	836.52
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	0.23

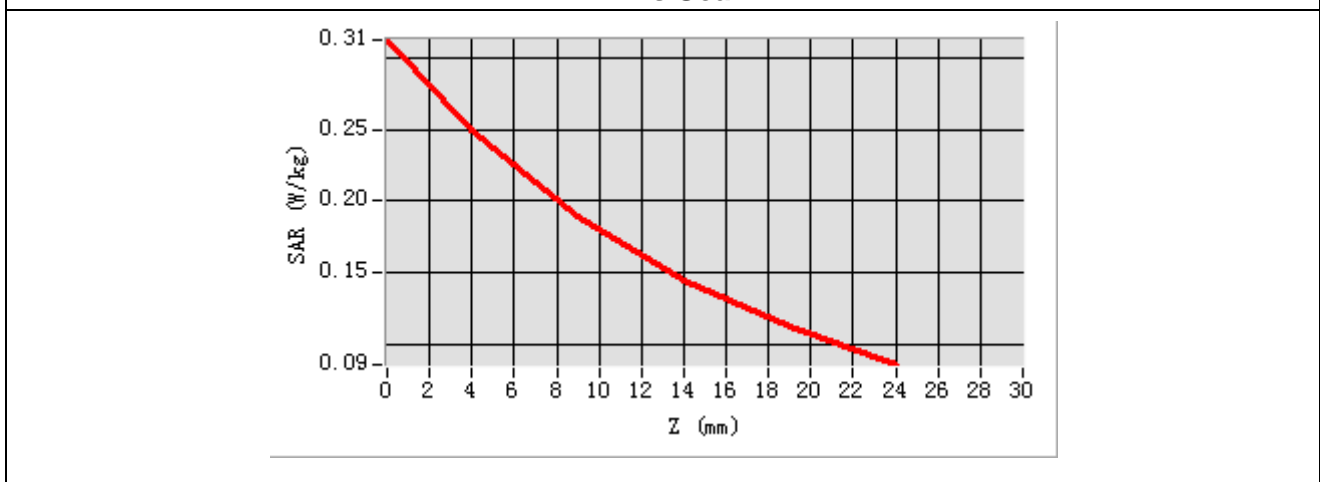
Maximum location: X=-1.00, Y=-11.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.175102
SAR 1g (W/Kg)	0.241015



Z Axis Scan



Testing result (WCDMA850 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WCDMA850
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

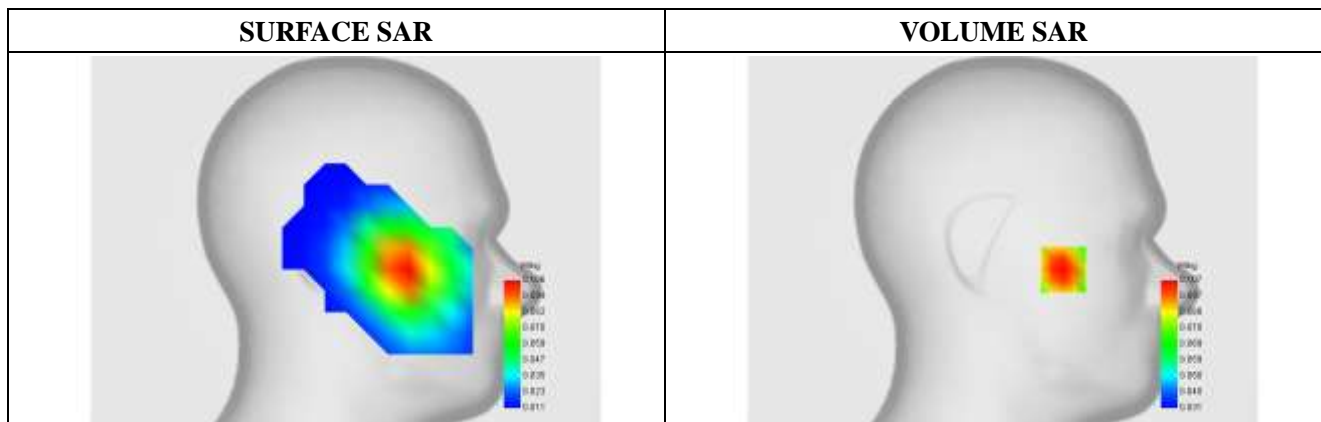
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	-0.83

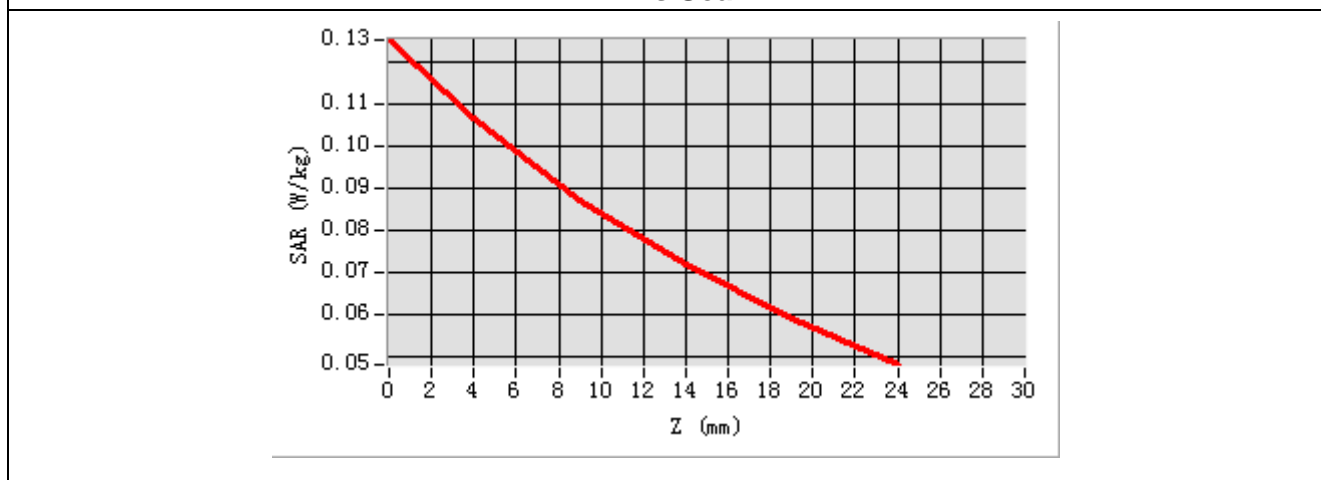
Maximum location: X=-49.00, Y=-21.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.078964
SAR 1g (W/Kg)	0.103109



Z Axis Scan



Testing result (WCDMA850 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

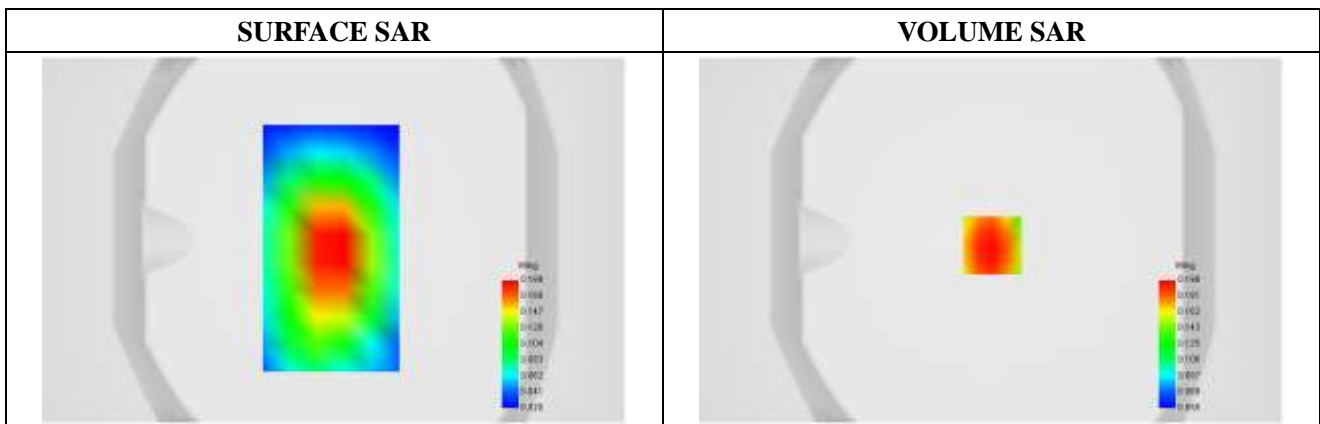
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	-0.40

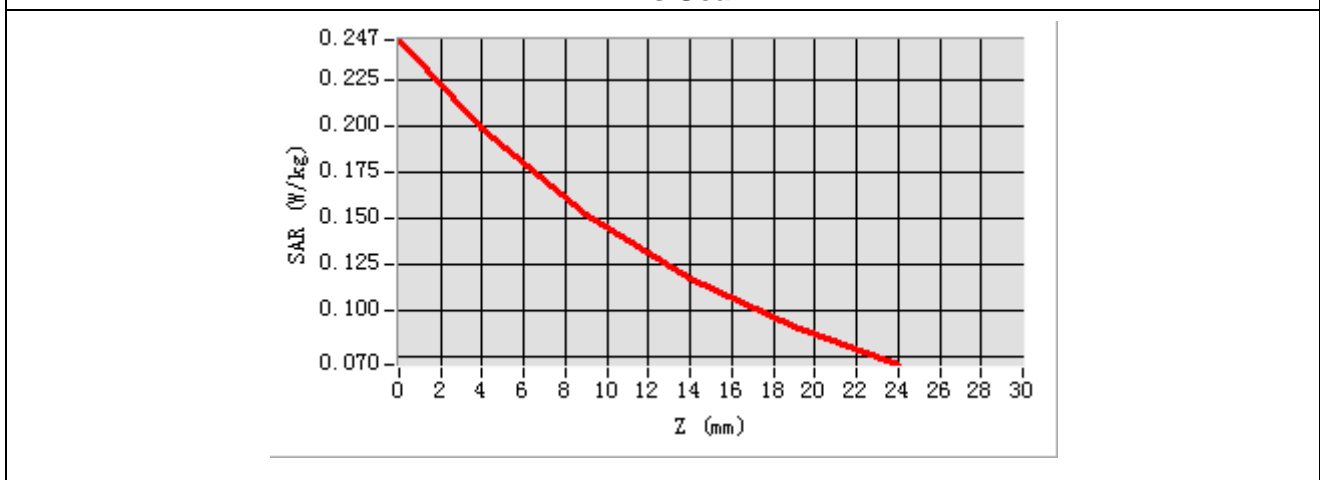
Maximum location: X=0.00, Y=-3.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.141067
SAR 1g (W/Kg)	0.192333



Z Axis Scan



Testing result (WCDMA1700 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/13/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	WCDMA1700
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

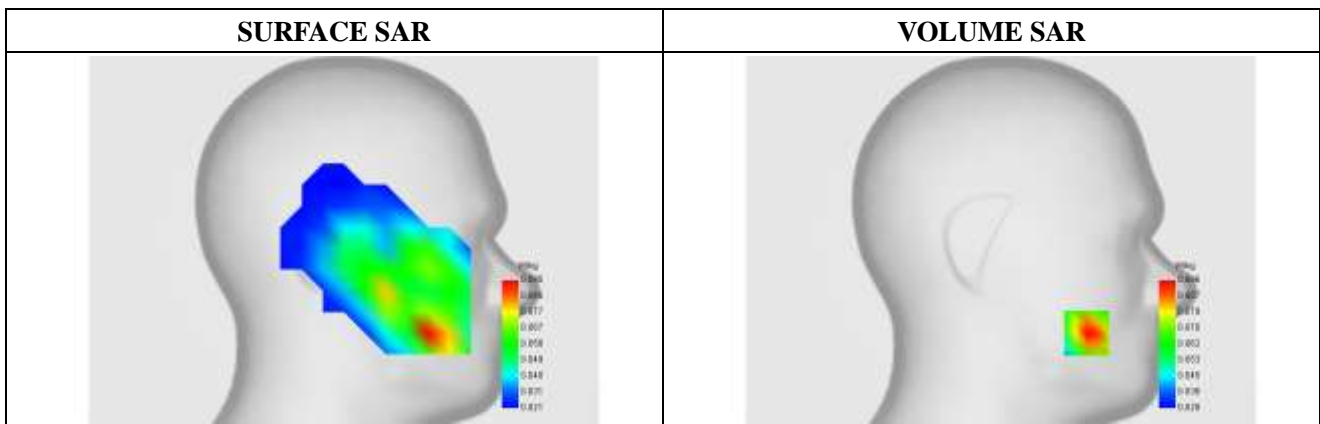
B. SAR Measurement Results

Frequency (MHz)	1732.4
Relative permittivity (real part)	40.48
Conductivity (S/m)	1.34
Variation (%)	-2.22

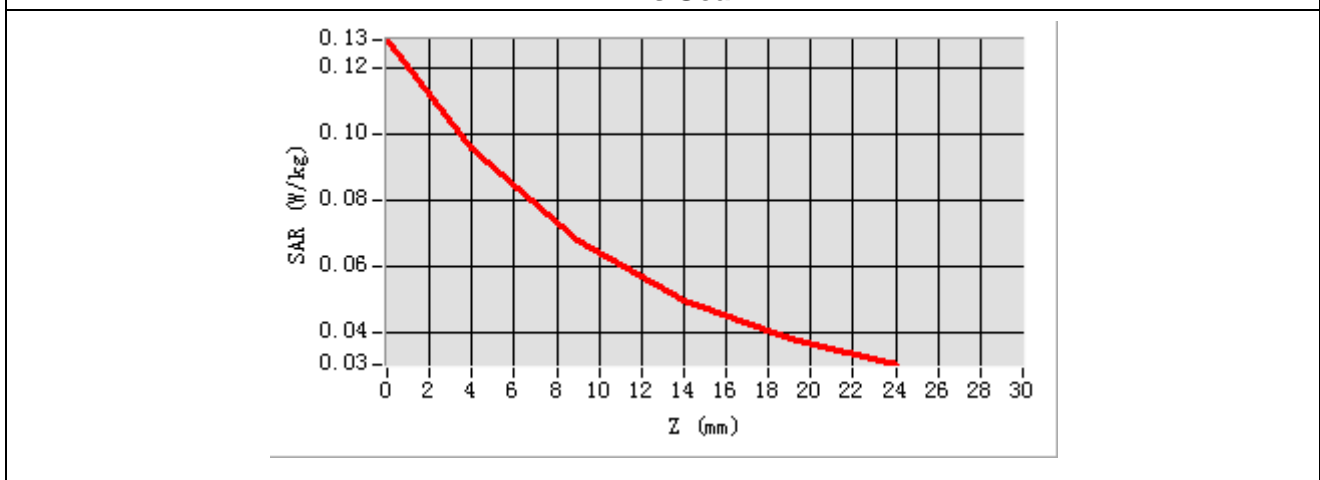
Maximum location: X=-67.00, Y=-66.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.062068
SAR 1g (W/Kg)	0.091725



Z Axis Scan



Testing result (WCDMA1700 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/13/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1700
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

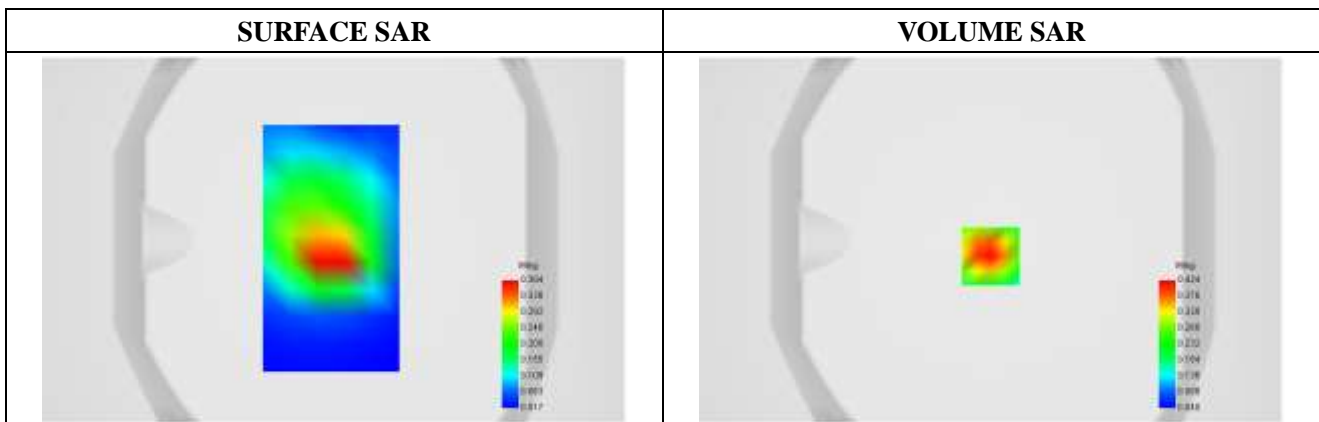
B. SAR Measurement Results

Frequency (MHz)	1732.4
Relative permittivity (real part)	40.48
Conductivity (S/m)	1.34
Variation (%)	3.97

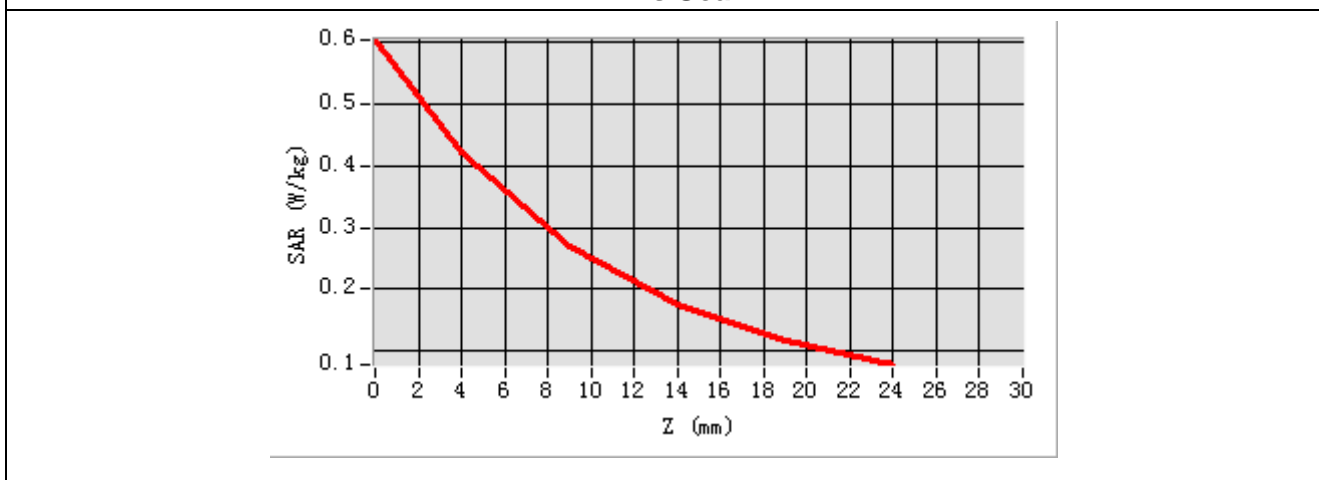
Maximum location: X=-1.00, Y=-9.00

SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)	0.242716
SAR 1g (W/Kg)	0.400472



Z Axis Scan



Testing result (WCDMA1900 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WCDMA1900
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

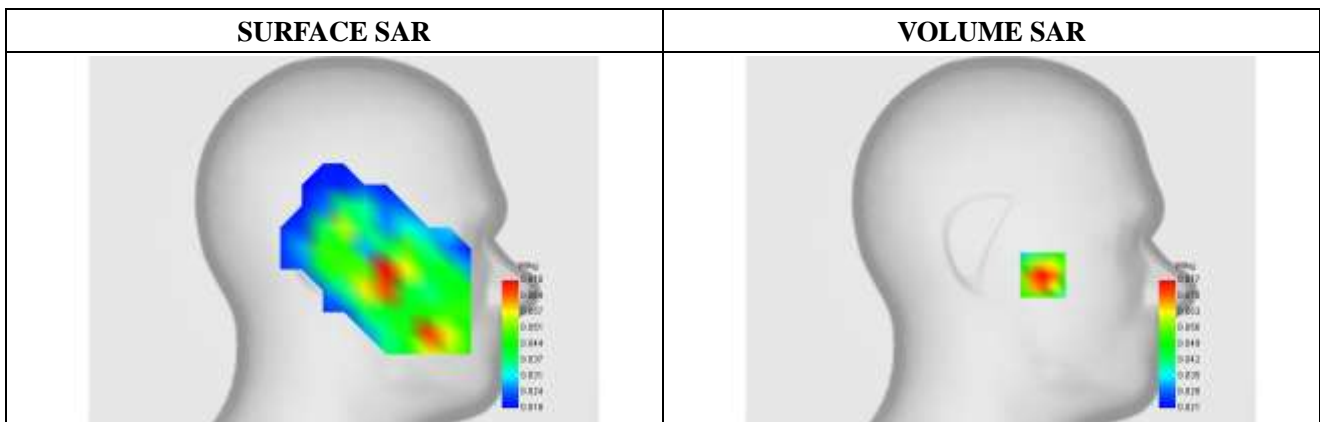
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.41
Variation (%)	-0.96

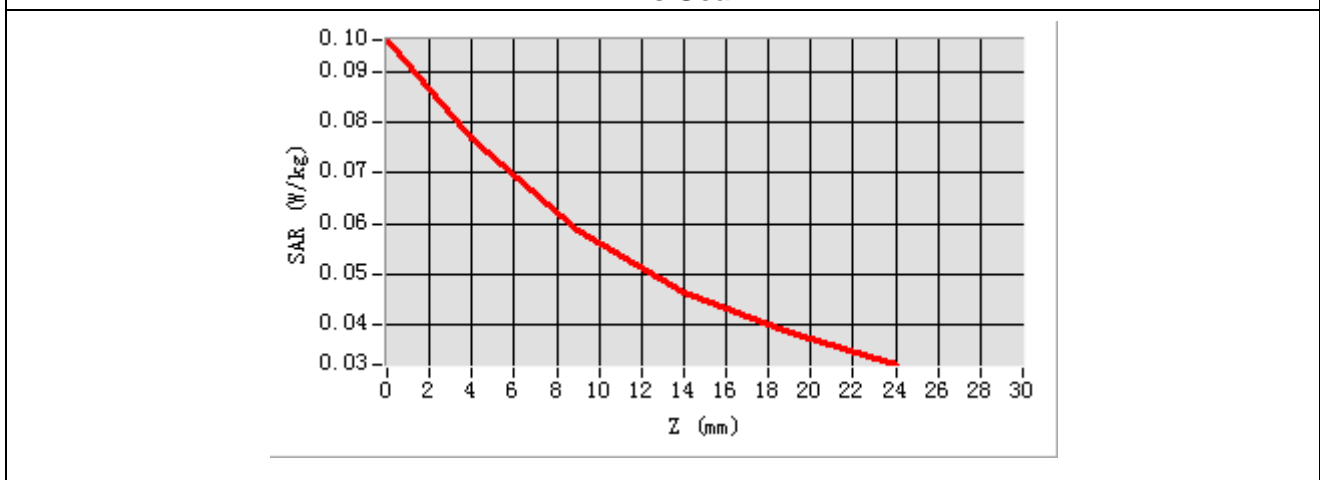
Maximum location: X=-36.00, Y=-25.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.052154
SAR 1g (W/Kg)	0.073185



Z Axis Scan



Testing result (WCDMA1900 ANT 3, Back, High, 10mm)

Type: phone measurement

Date of measurement: 09/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	WCDMA(Crest factor: 1.0)

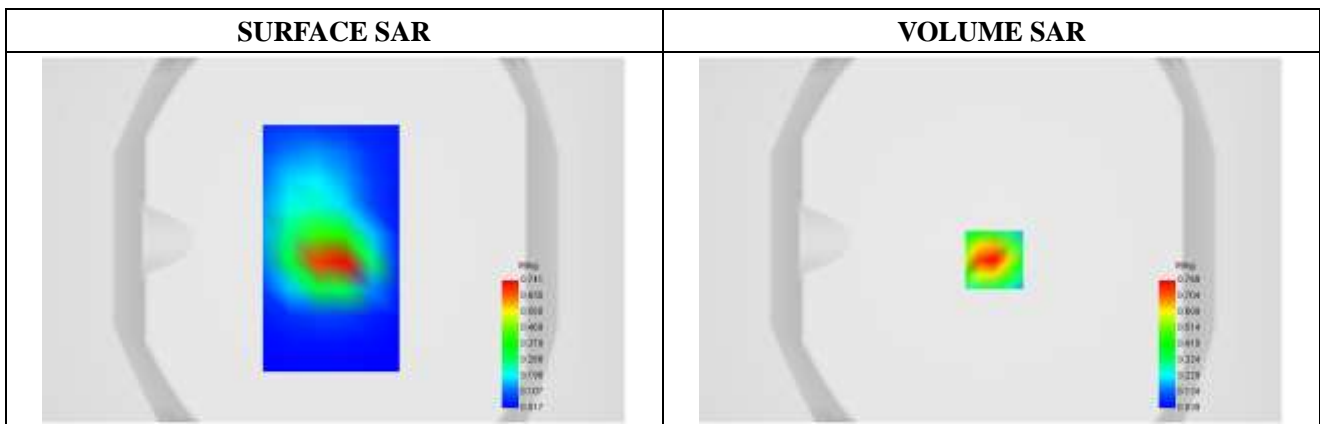
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.75
Conductivity (S/m)	1.42
Variation (%)	-2.26

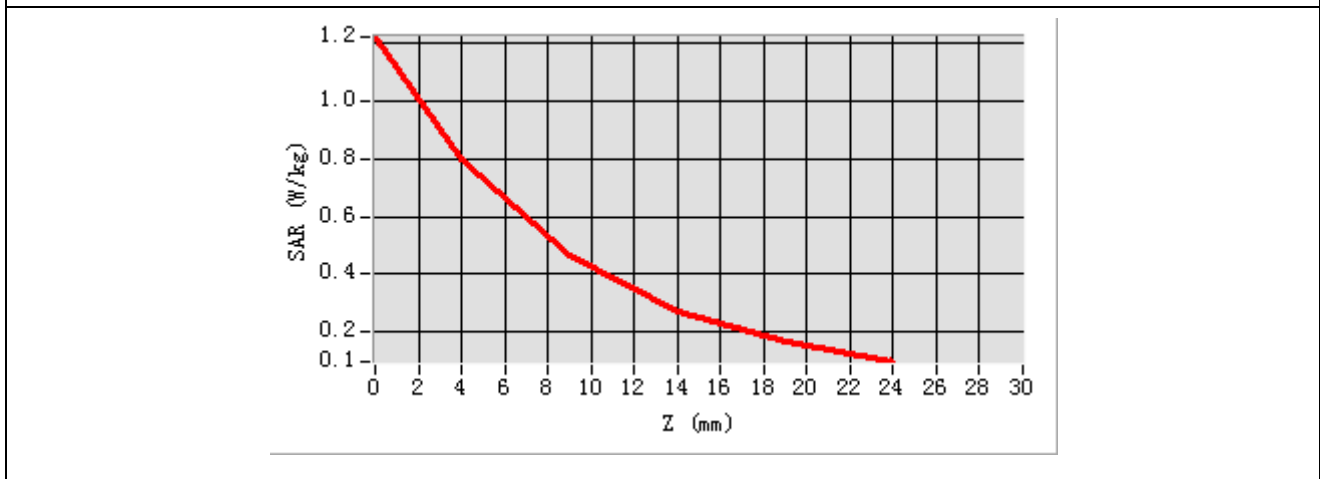
Maximum location: X=1.00, Y=-11.00

SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.406176
SAR 1g (W/Kg)	0.747612



Z Axis Scan



Testing result (LTE Band 2 ANT 3, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 2
Channels	Middle
Signal	LTE(Crest factor: 1.0)

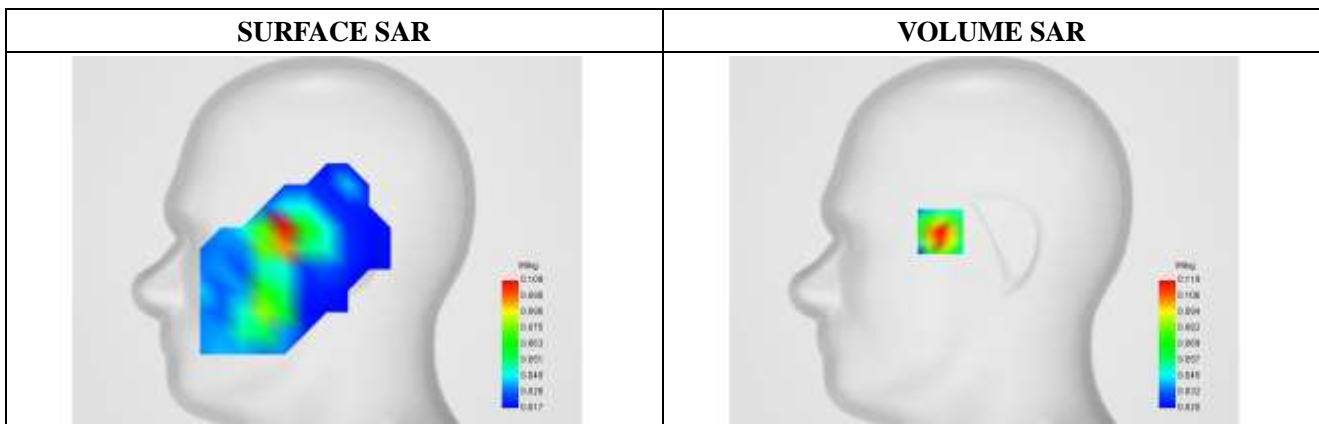
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.41
Variation (%)	-0.14

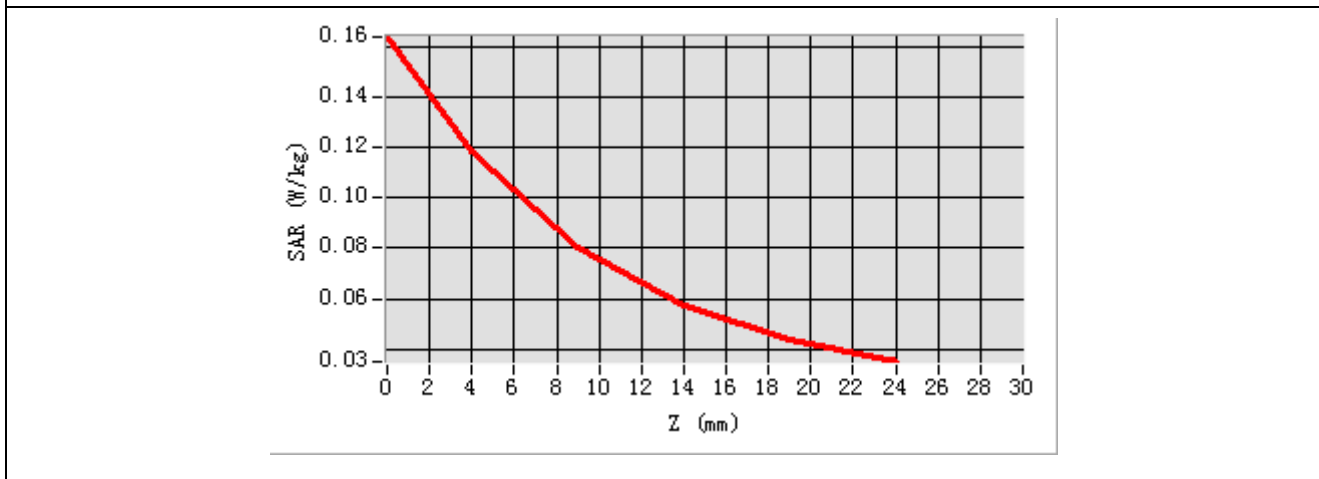
Maximum location: X=-37.00, Y=6.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.069941
SAR 1g (W/Kg)	0.112184



Z Axis Scan



Testing result (LTE Band 2, Back, High, 10mm)

Type: phone measurement

Date of measurement: 09/18/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

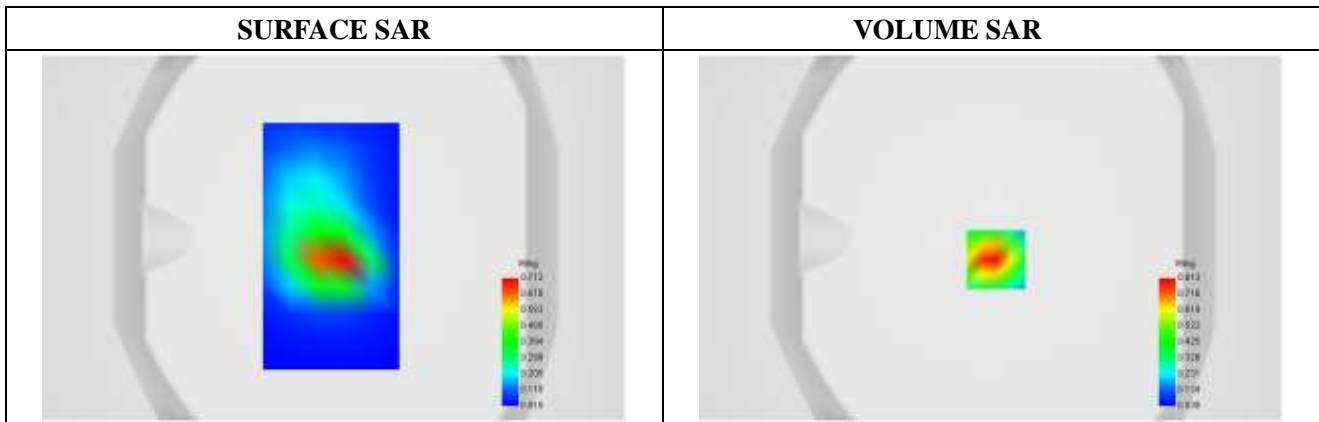
B. SAR Measurement Results

Frequency (MHz)	1900.0
Relative permittivity (real part)	40.78
Conductivity (S/m)	1.42
Variation (%)	2.43

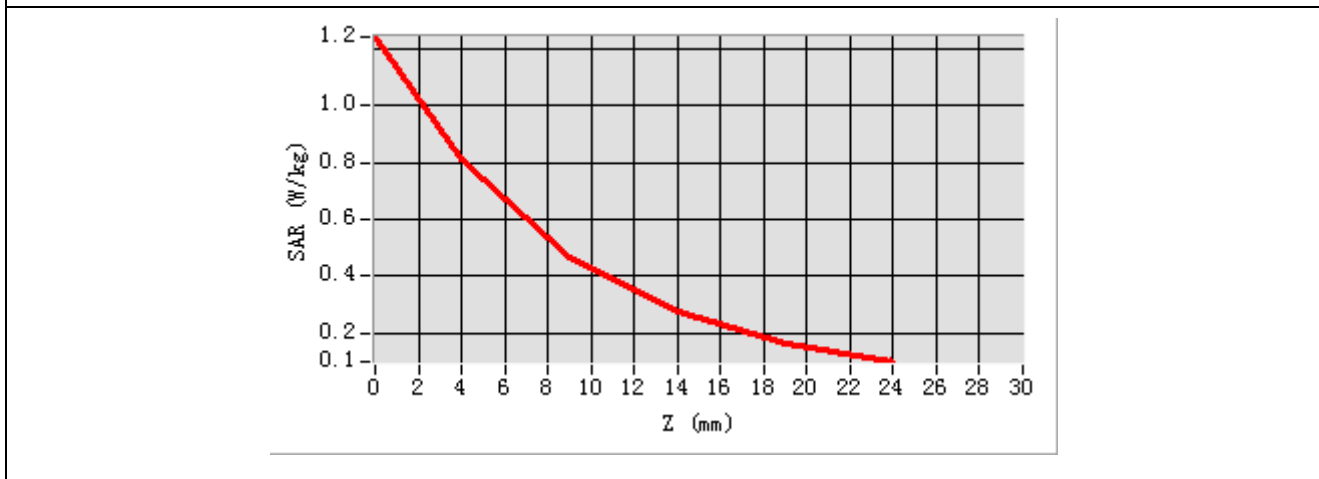
Maximum location: X=-7.00, Y=0.00

SAR Peak: 1.26 W/kg

SAR 10g (W/Kg)	0.413237
SAR 1g (W/Kg)	0.763622



Z Axis Scan



Testing result (LTE Band 4 ANT 3, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/13/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 4
Channels	Middle
Signal	LTE(Crest factor: 1.0)

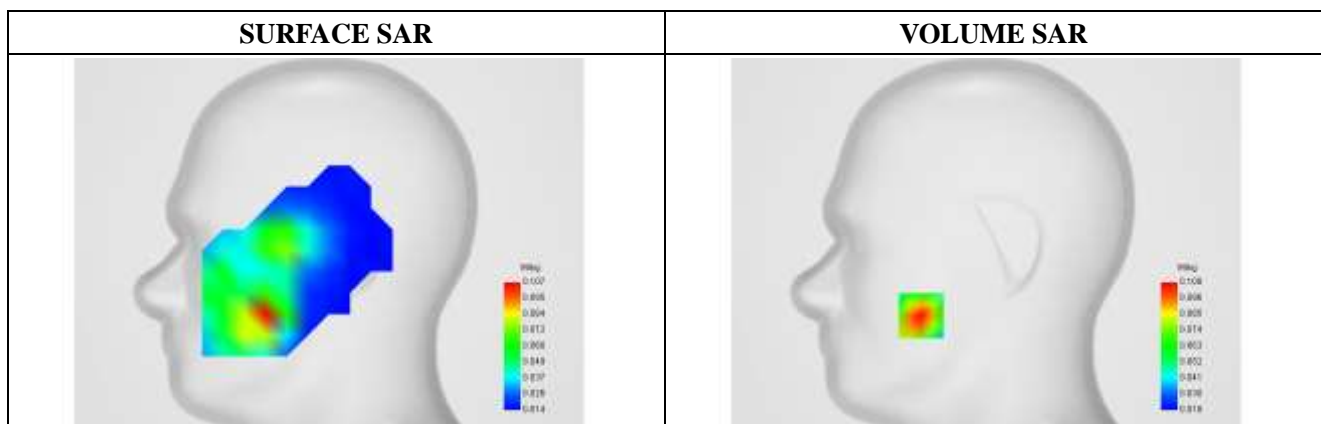
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	40.48
Conductivity (S/m)	1.34
Variation (%)	-1.42

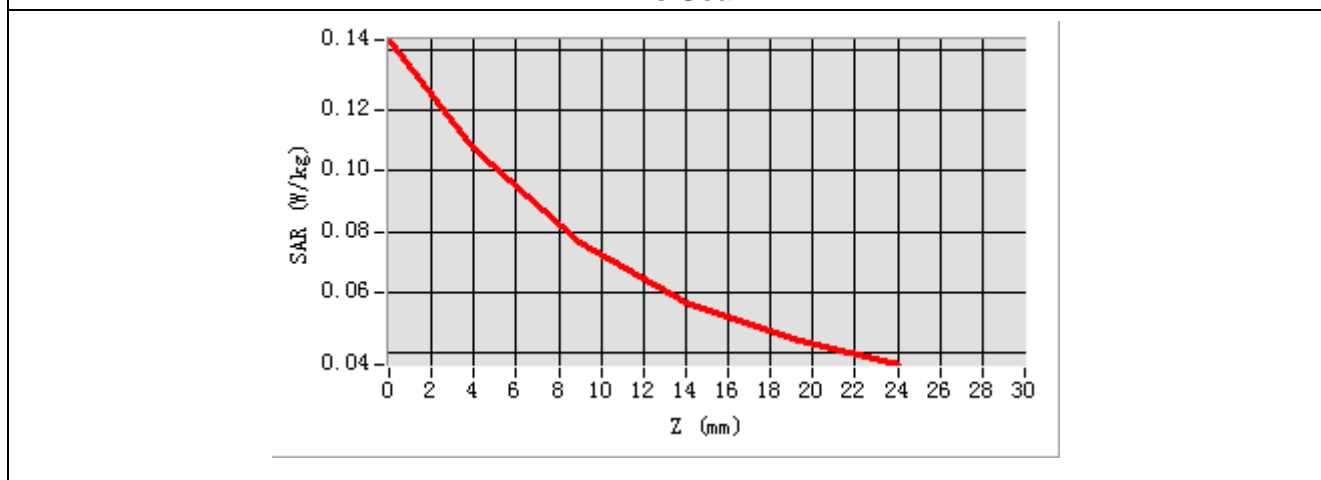
Maximum location: X=-52.00, Y=-52.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.067759
SAR 1g (W/Kg)	0.101898



Z Axis Scan



Testing result (LTE Band 4 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/13/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

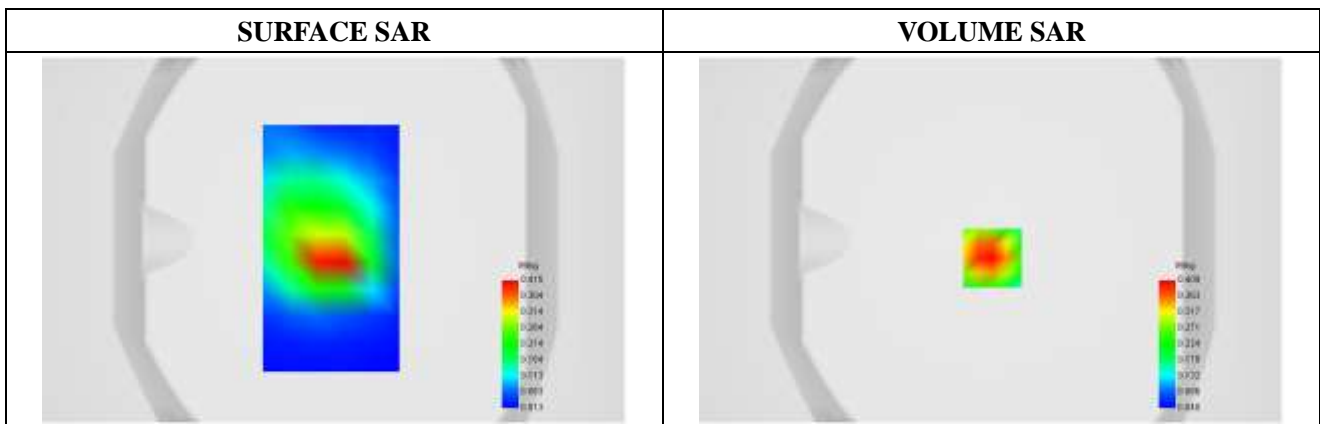
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	40.48
Conductivity (S/m)	1.34
Variation (%)	-3.23

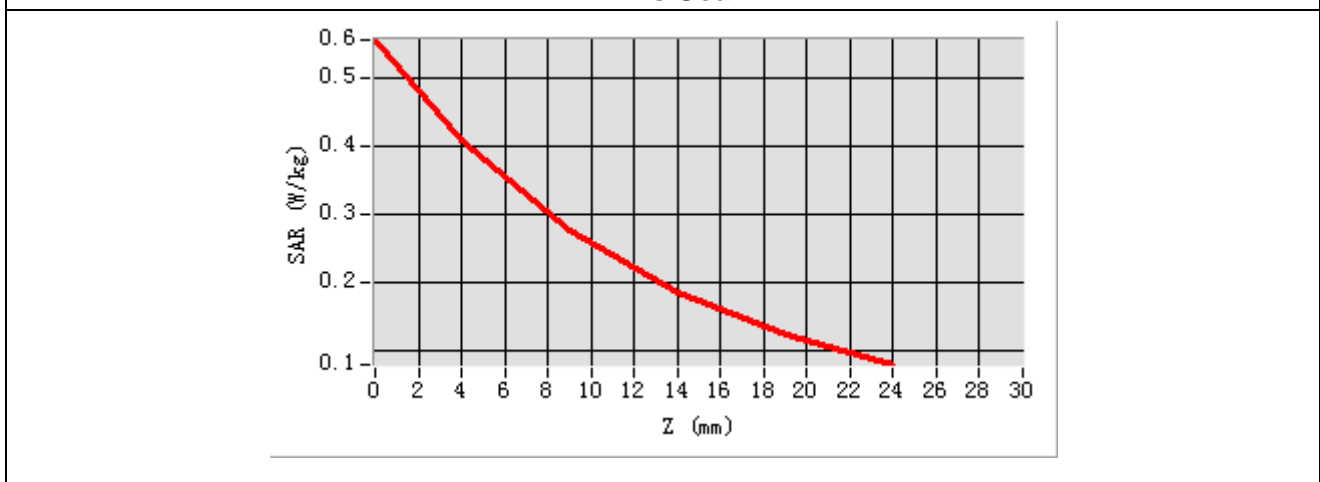
Maximum location: X=0.00, Y=-10.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.241081
SAR 1g (W/Kg)	0.387983



Z Axis Scan



Testing result (LTE Band 5 ANT 3, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 5
Channels	Middle
Signal	LTE(Crest factor: 1.0)

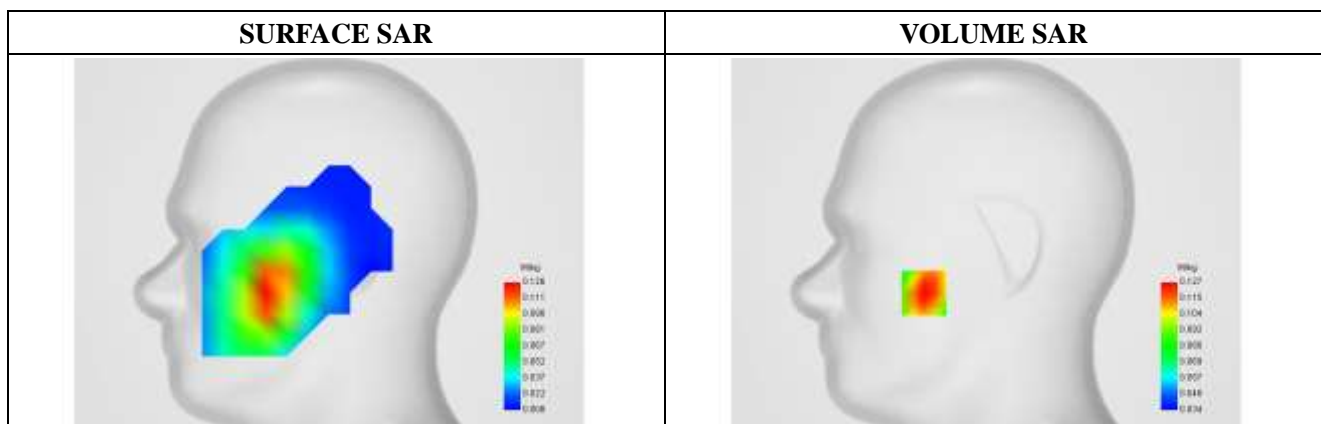
B. SAR Measurement Results

Frequency (MHz)	836.5
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	-0.15

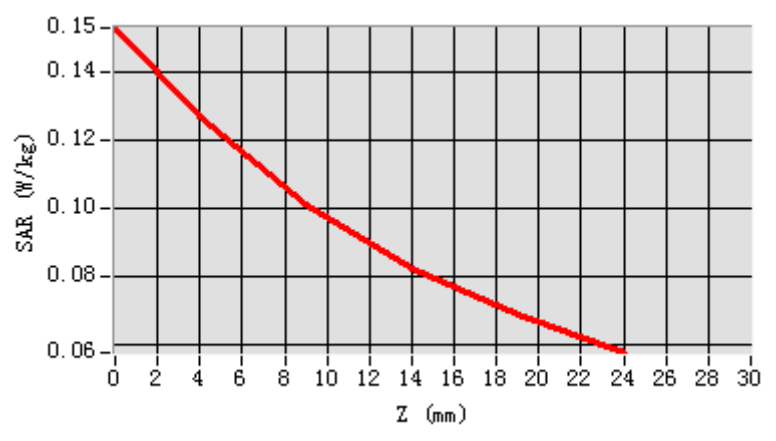
Maximum location: X=-50.00, Y=-36.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.092520
SAR 1g (W/Kg)	0.122285



Z Axis Scan



Testing result (LTE Band 5 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/11/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

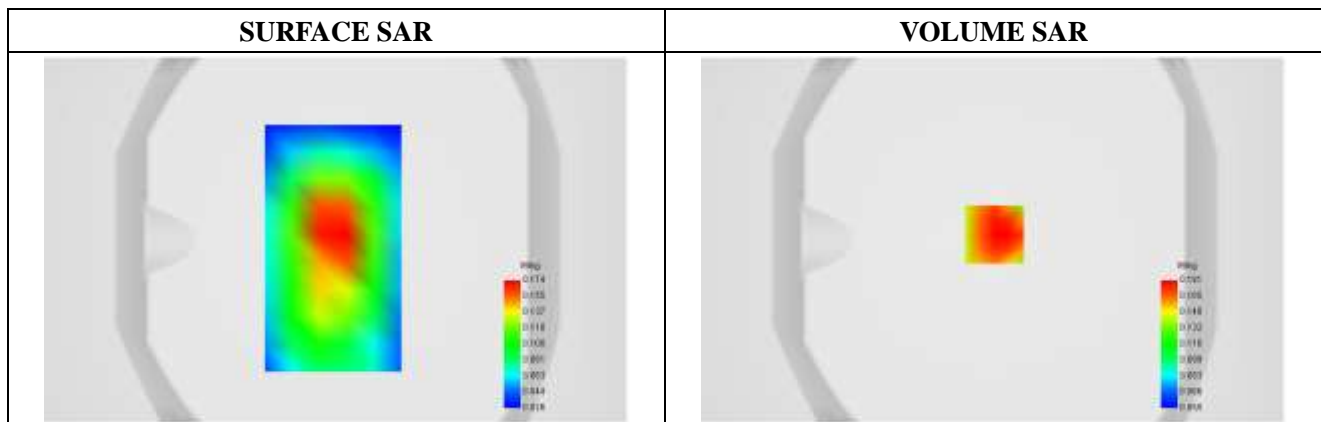
B. SAR Measurement Results

Frequency (MHz)	836.5
Relative permittivity (real part)	40.75
Conductivity (S/m)	0.91
Variation (%)	-2.64

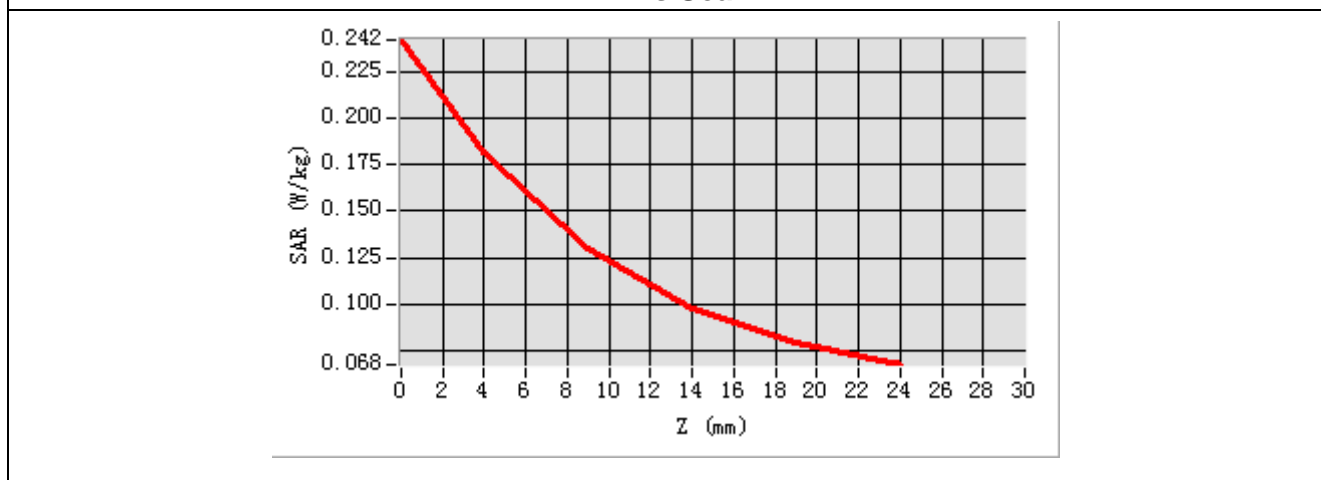
Maximum location: X=0.00, Y=3.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.128207
SAR 1g (W/Kg)	0.179045



Z Axis Scan



Testing result (LTE Band 7 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	LTE Band 7
Channels	Middle
Signal	LTE(Crest factor: 1.0)

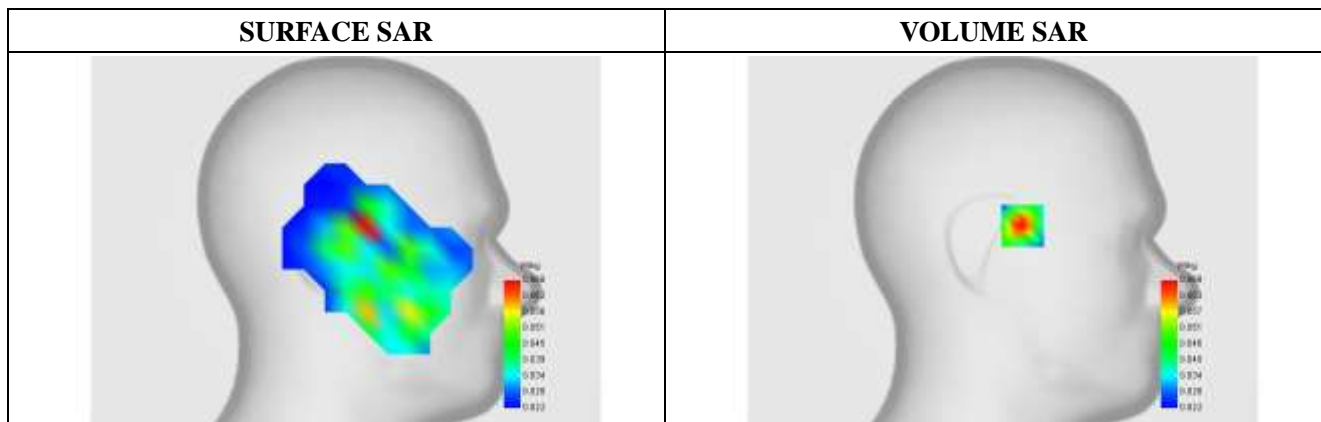
B. SAR Measurement Results

Frequency (MHz)	2535.0
Relative permittivity (real part)	38.11
Conductivity (S/m)	1.91
Variation (%)	1.69

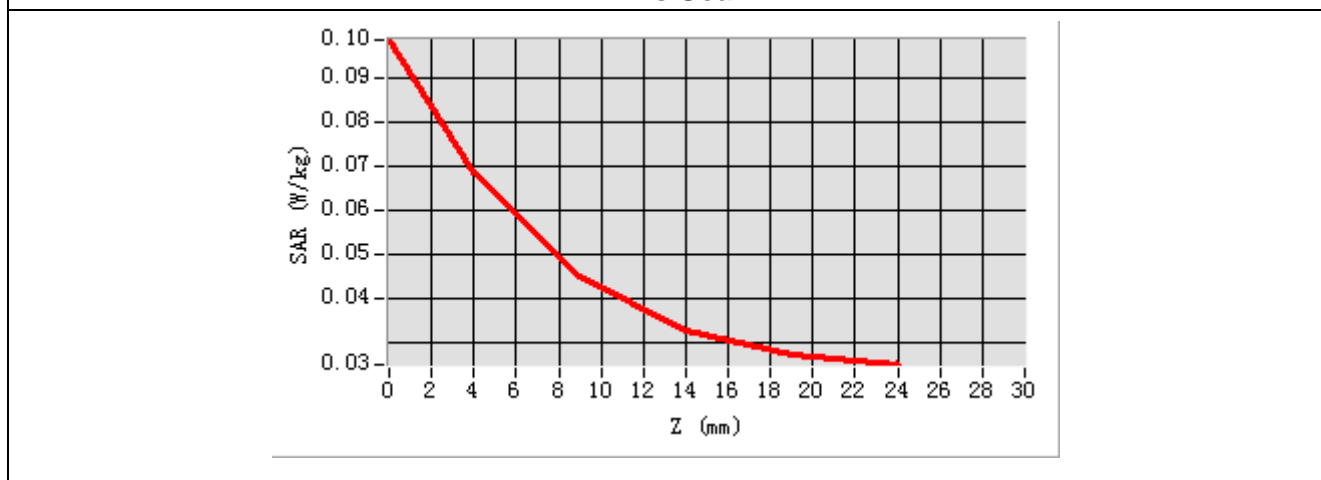
Maximum location: X=-20.00, Y=10.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.041564
SAR 1g (W/Kg)	0.063703



Z Axis Scan



Testing result (LTE Band 7 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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	Middle
Signal	LTE(Crest factor: 1.0)

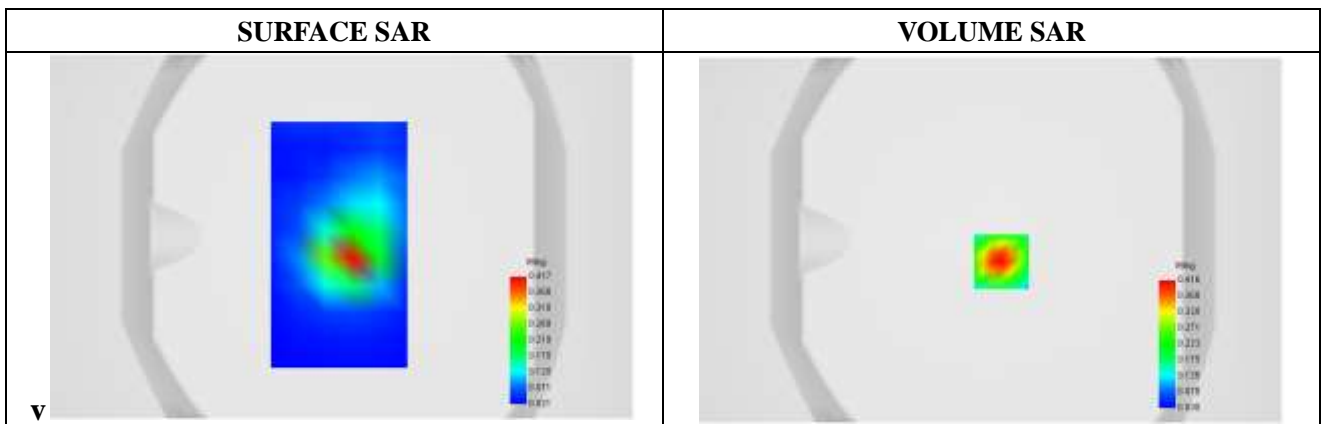
B. SAR Measurement Results

Frequency (MHz)	2535.0
Relative permittivity (real part)	38.11
Conductivity (S/m)	1.91
Variation (%)	0.88

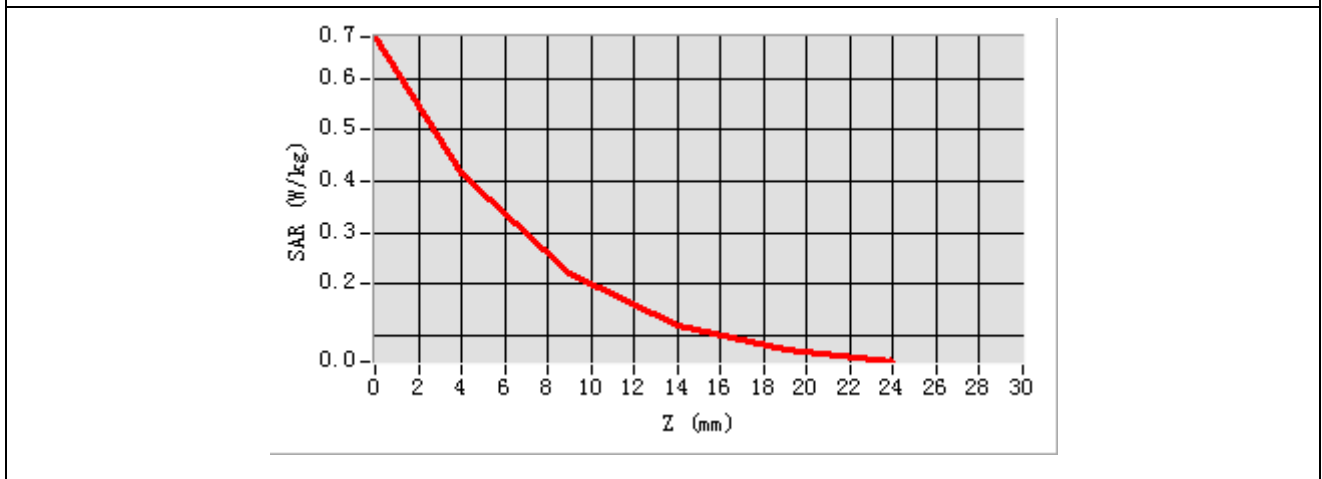
Maximum location: X=5.00, Y=-12.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.197841
SAR 1g (W/Kg)	0.381486



Z Axis Scan



Testing result (LTE Band 38 ANT 3, Left Cheek, Middle. 0mm)

Type: phone measurement

Date of measurement: 09/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	LTE Band 38
Channels	Middle
Signal	LTE(Crest factor: 0.633)

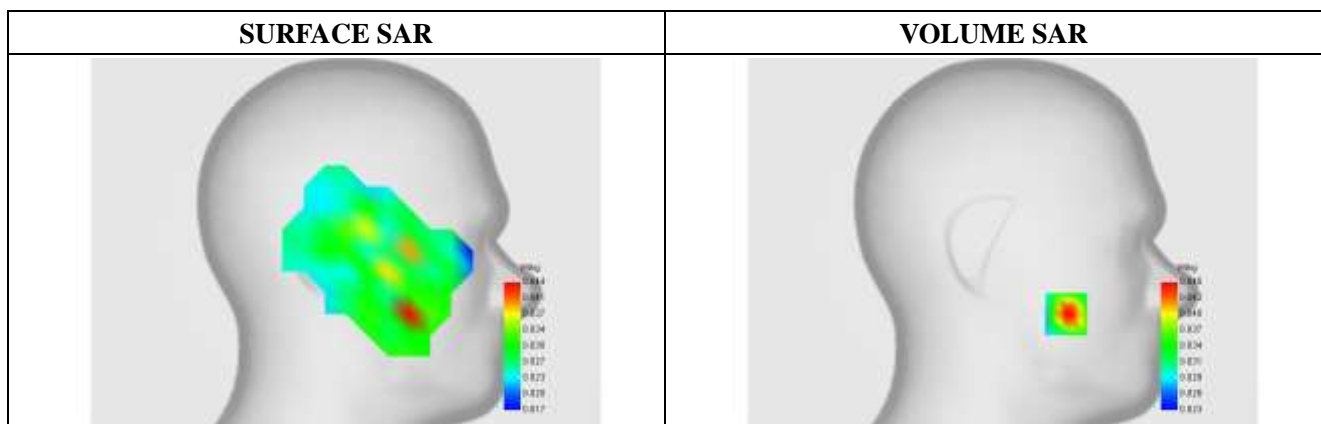
B. SAR Measurement Results

Frequency (MHz)	2595.0
Relative permittivity (real part)	38.01
Conductivity (S/m)	1.97
Variation (%)	-2.58

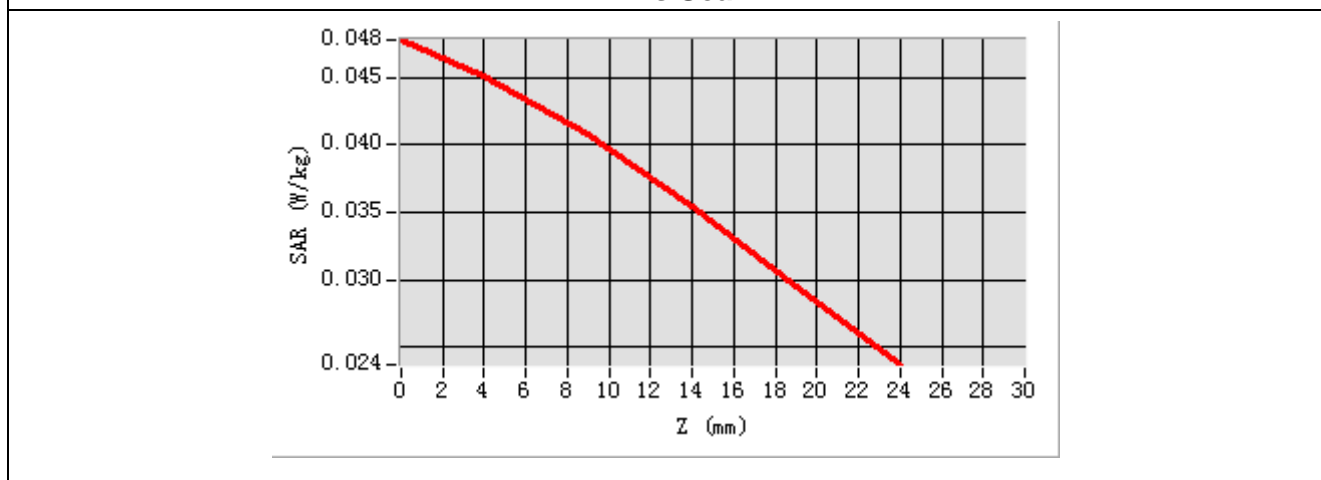
Maximum location: X=-51.00, Y=-51.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.034879
SAR 1g (W/Kg)	0.043207



Z Axis Scan



Testing result (LTE Band 38 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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	Middle
Signal	LTE(Crest factor: 0.633)

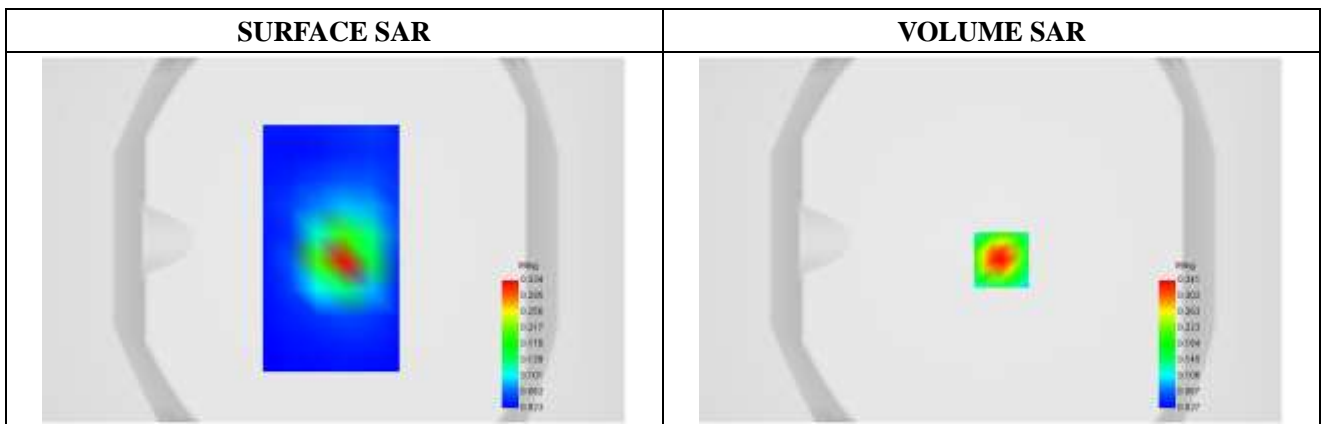
B. SAR Measurement Results

Frequency (MHz)	2595.0
Relative permittivity (real part)	38.01
Conductivity (S/m)	1.97
Variation (%)	-1.05

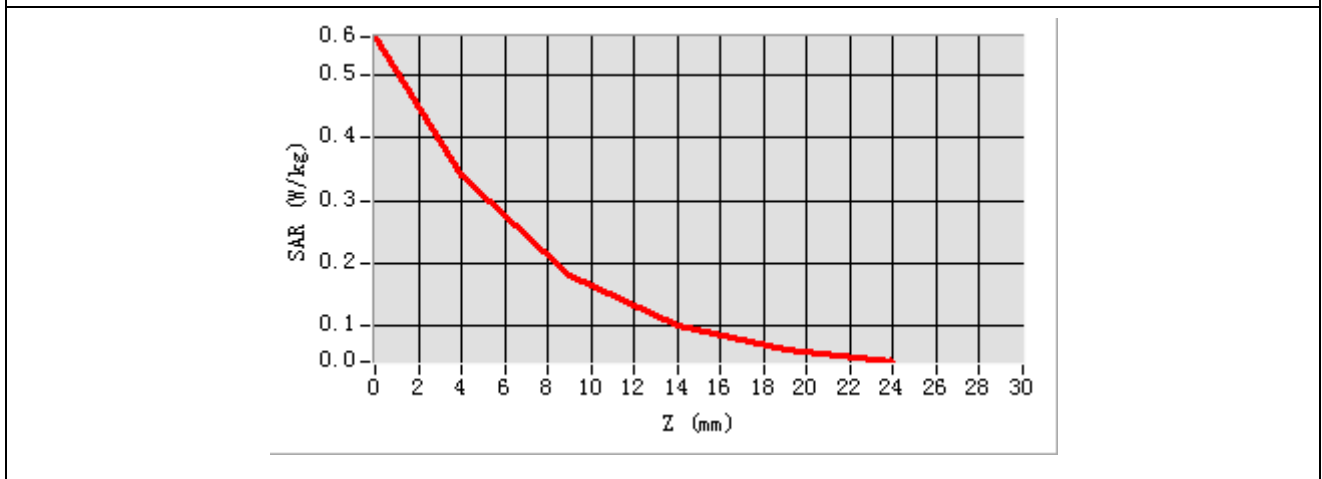
Maximum location: X=5.00, Y=-11.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.162602
SAR 1g (W/Kg)	0.312614



Z Axis Scan



Testing result (LTE Band 41 ANT 3, Left Cheek, Middle. 0mm)

Type: phone measurement

Date of measurement: 09/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	LTE Band 41
Channels	Middle
Signal	LTE(Crest factor: 0.633)

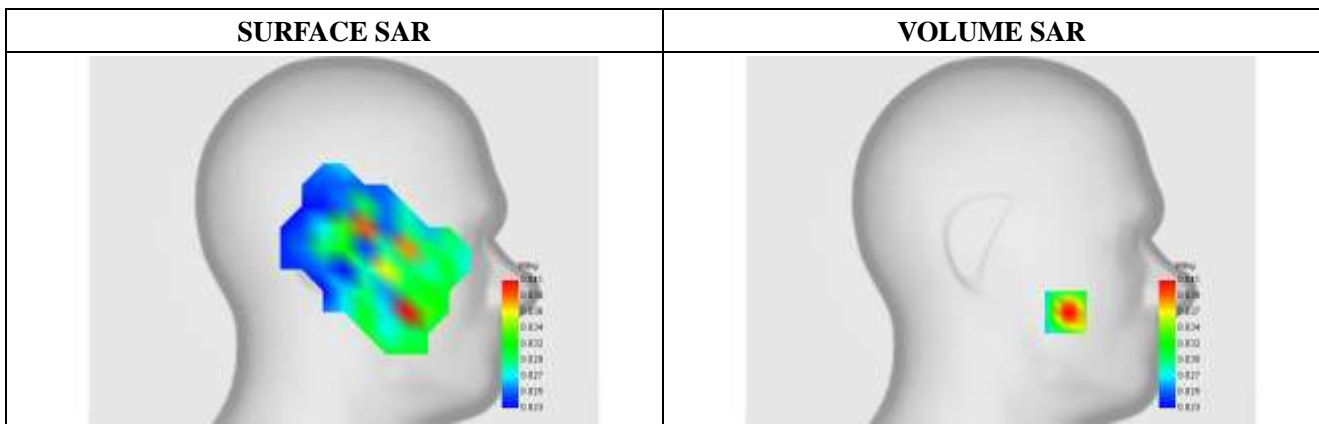
B. SAR Measurement Results

Frequency (MHz)	2605.0
Relative permittivity (real part)	37.97
Conductivity (S/m)	1.98
Variation (%)	-0.54

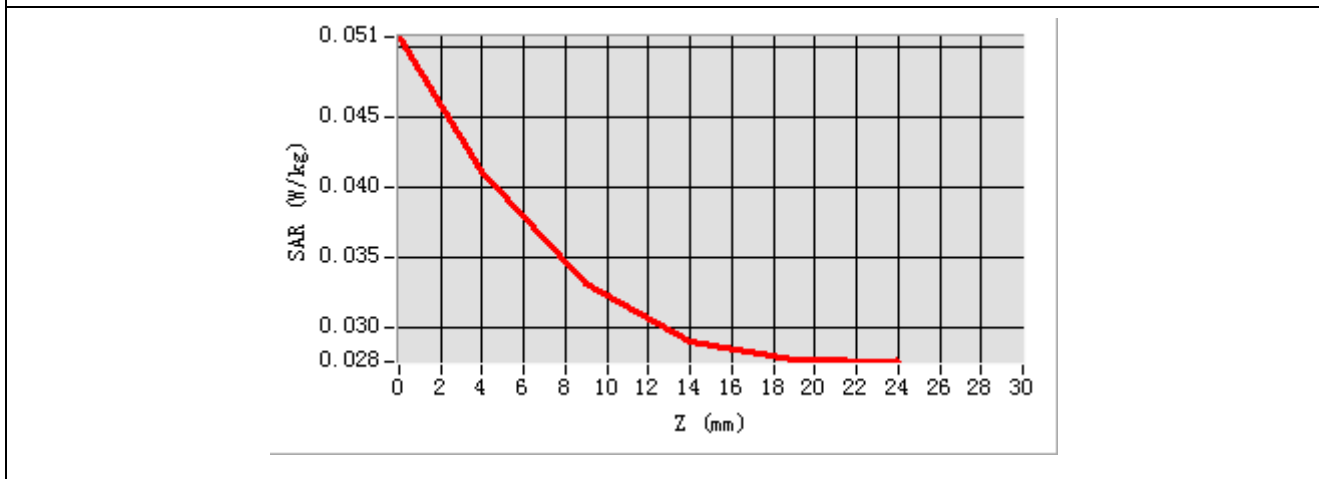
Maximum location: X=-52.00, Y=-51.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.031947
SAR 1g (W/Kg)	0.039496



Z Axis Scan



Testing result (LTE Band 41 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/20/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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	Middle
Signal	LTE(Crest factor: 0.633)

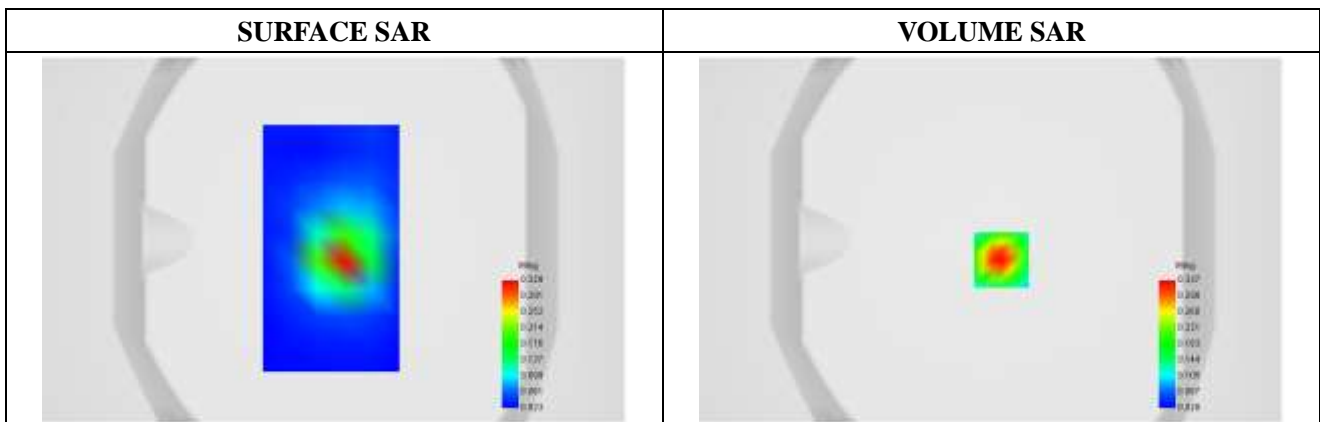
B. SAR Measurement Results

Frequency (MHz)	2605.0
Relative permittivity (real part)	37.97
Conductivity (S/m)	1.98
Variation (%)	0.98

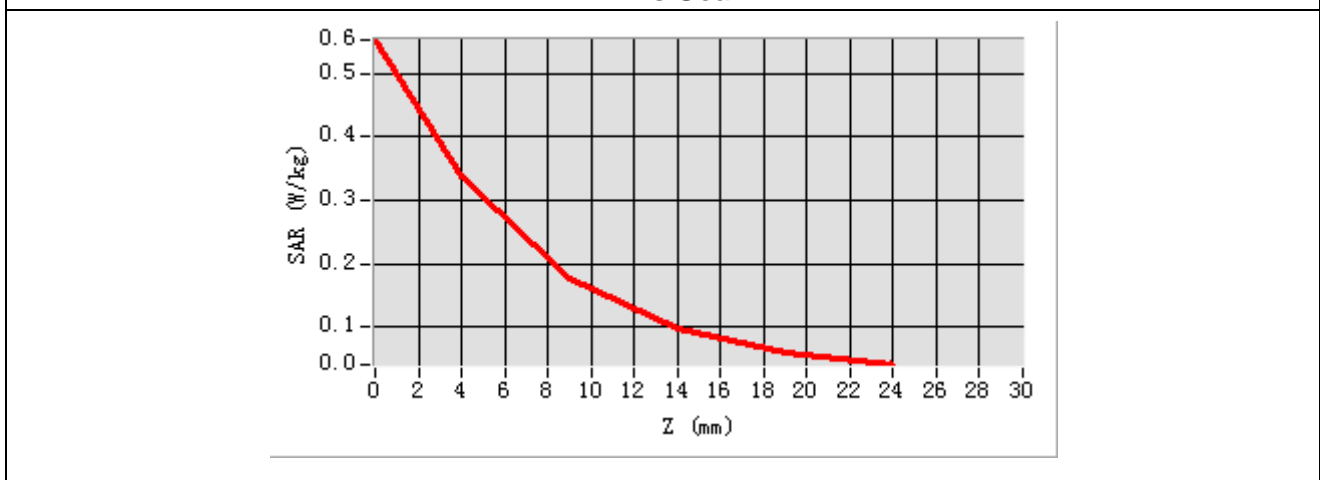
Maximum location: X=5.00, Y=-11.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.160703
SAR 1g (W/Kg)	0.308826



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b ANT 1, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/10/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11b
Channels	Middle
Signal	DSSS(Crest factor: 1.0)

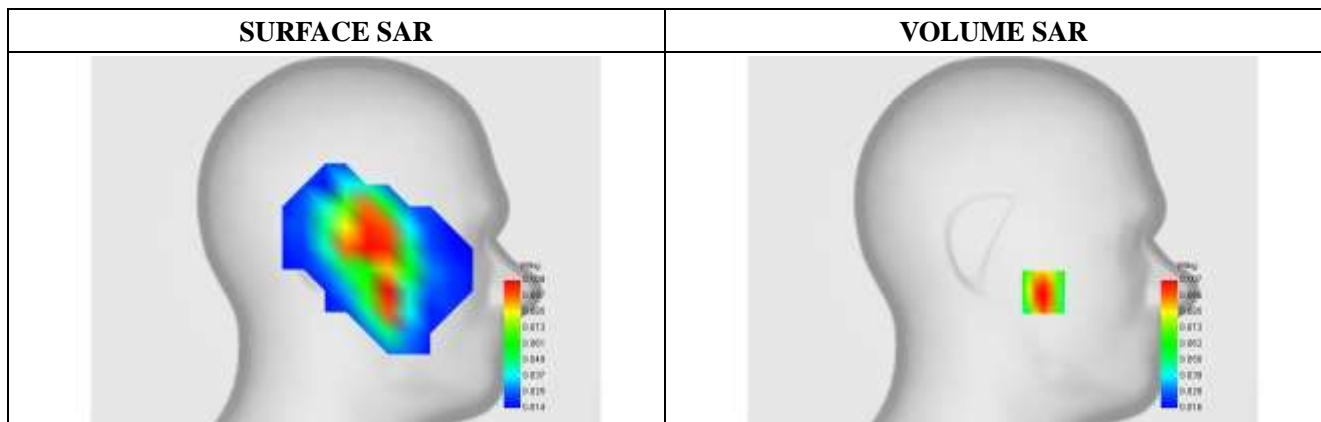
B. SAR Measurement Results

Frequency (MHz)	2437.0
Relative permittivity (real part)	38.13
Conductivity (S/m)	1.79
Variation (%)	-3.02

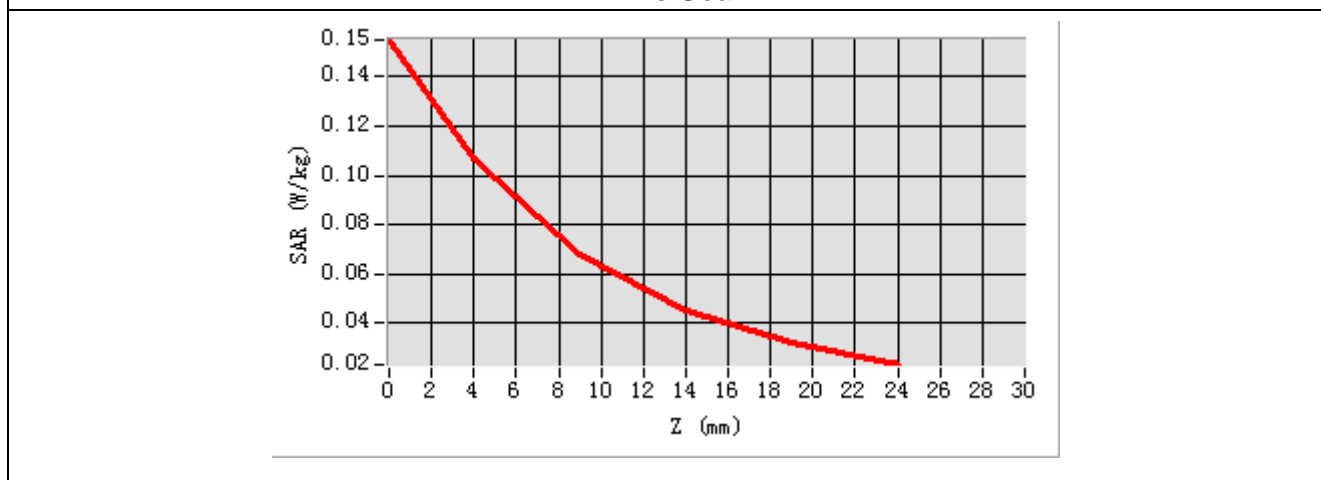
Maximum location: X=-35.00, Y=-37.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.061607
SAR 1g (W/Kg)	0.100471



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b ANT 1, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/10/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

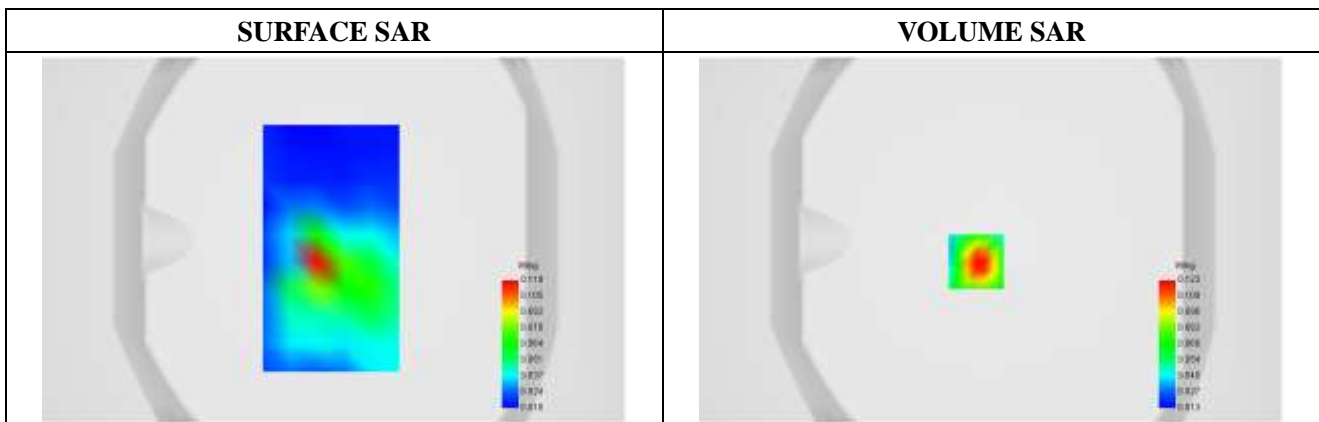
B. SAR Measurement Results

Frequency (MHz)	2437.0
Relative permittivity (real part)	38.13
Conductivity (S/m)	1.79
Variation (%)	-0.36

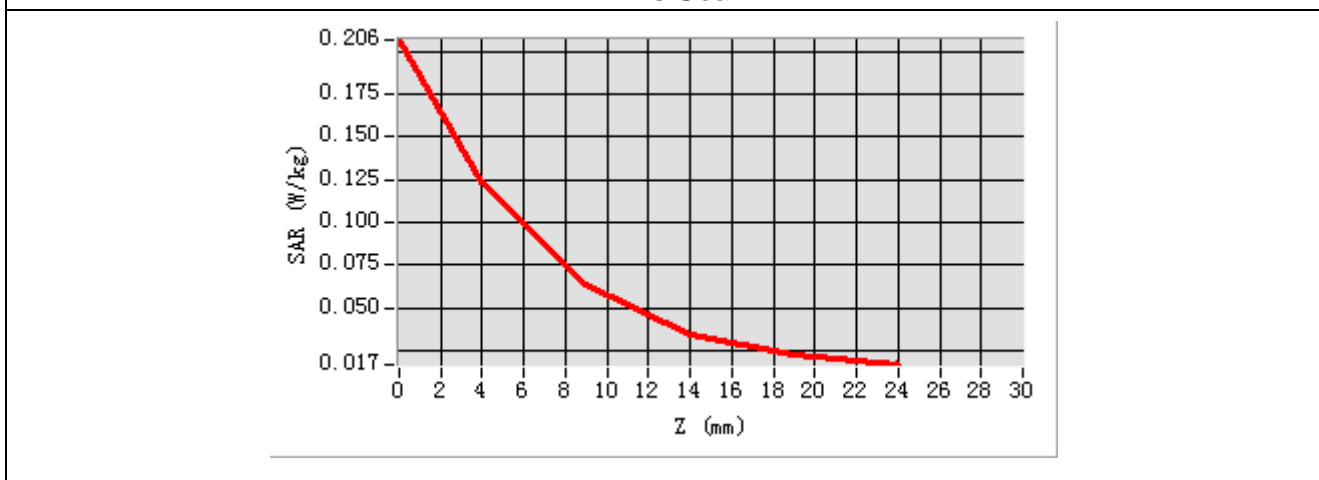
Maximum location: X=-9.00, Y=-12.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.060538
SAR 1g (W/Kg)	0.114435



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11a ANT 1, Left Tilted, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/15/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

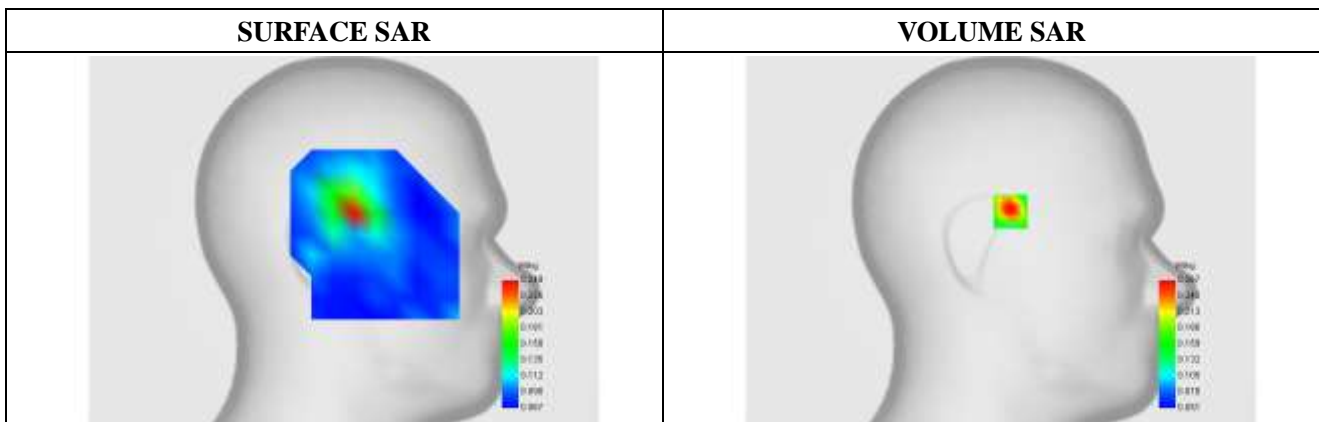
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	36.64
Conductivity (S/m)	4.18
Variation (%)	-0.27

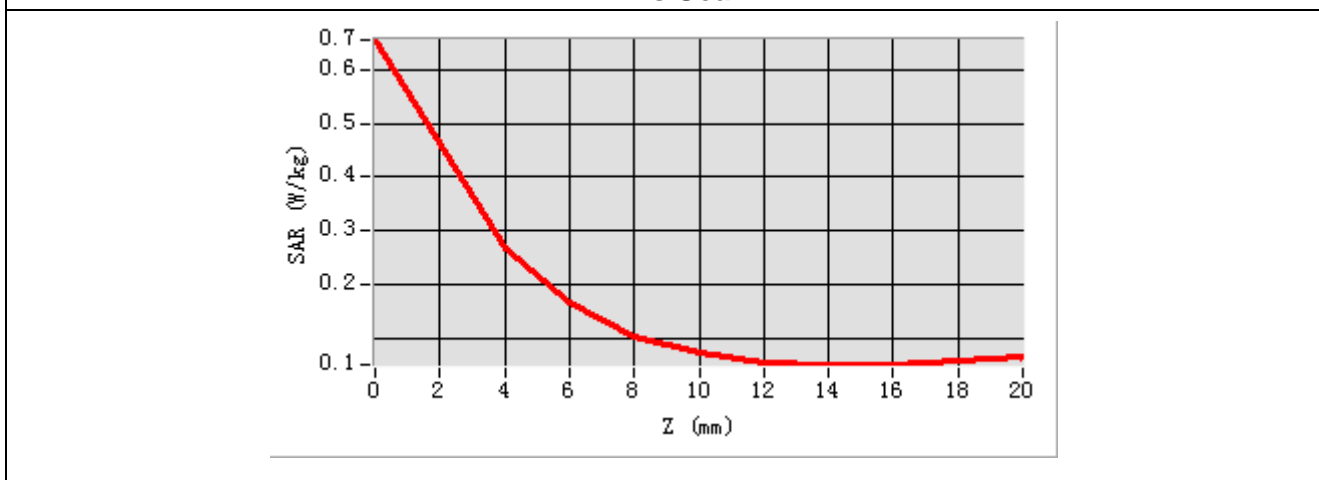
Maximum location: X=-13.00, Y=20.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.134545
SAR 1g (W/Kg)	0.265864



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11a ANT 1, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/15/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

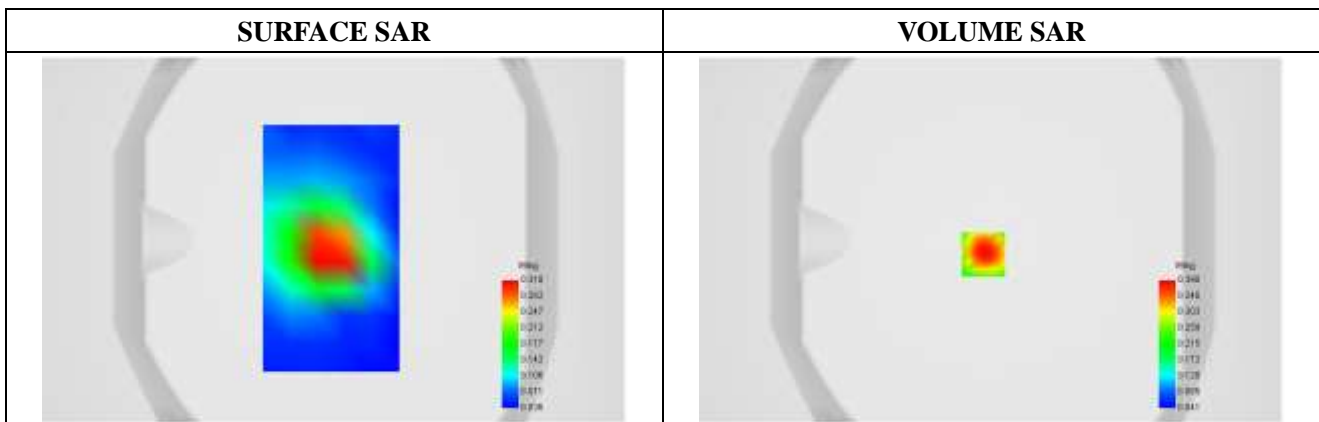
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	36.64
Conductivity (S/m)	4.18
Variation (%)	-3.33

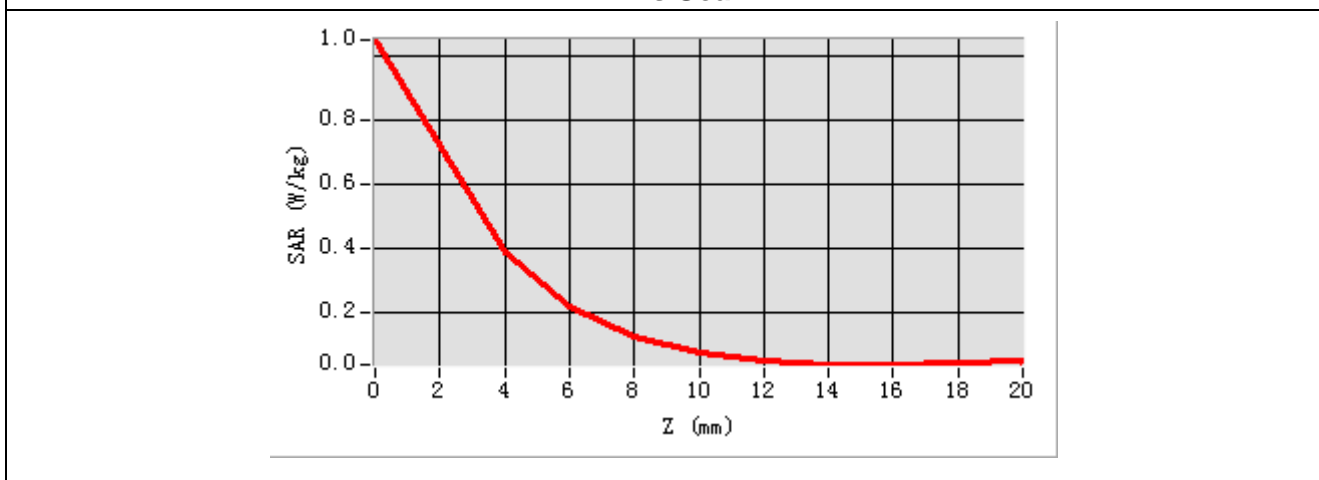
Maximum location: X=-5.00, Y=-8.00

SAR Peak: 1.04 W/kg

SAR 10g (W/Kg)	0.184941
SAR 1g (W/Kg)	0.399230



Z Axis Scan



Testing result (WI-FI U-NII 2a 802.11a ANT 1, Left Tilted, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/15/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

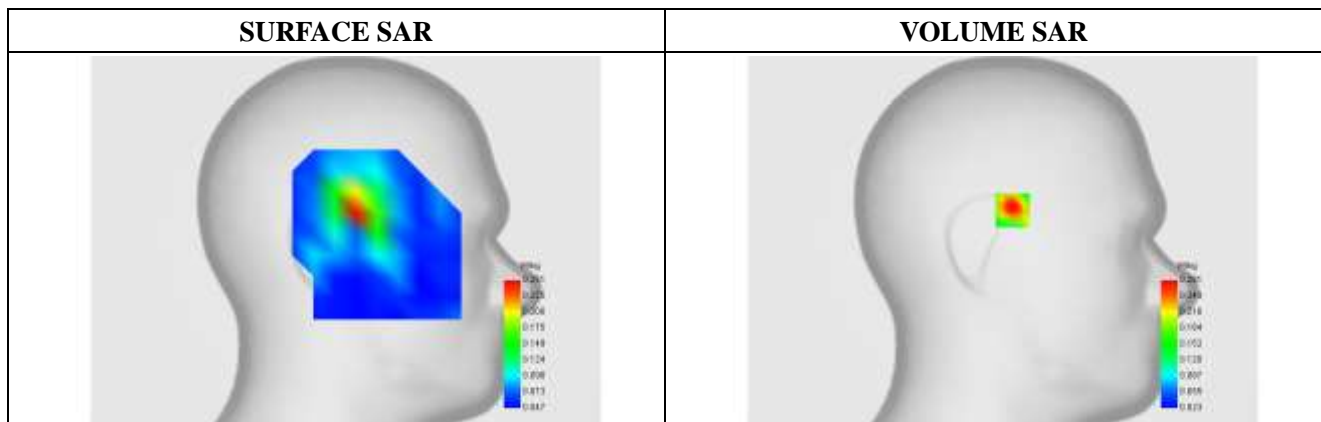
B. SAR Measurement Results

Frequency (MHz)	5280.0
Relative permittivity (real part)	36.55
Conductivity (S/m)	4.32
Variation (%)	-0.52

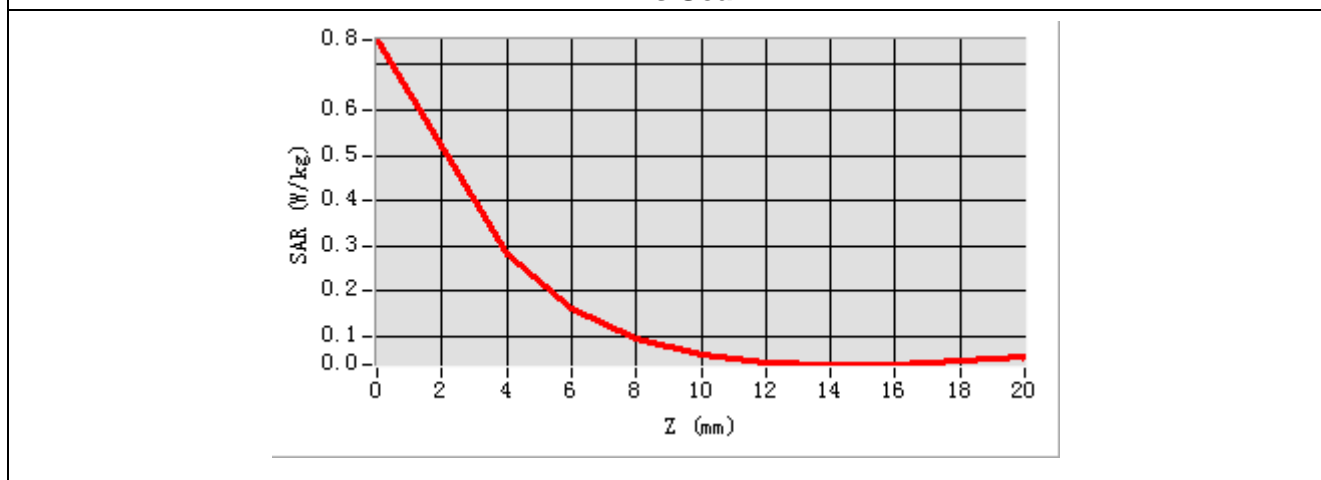
Maximum location: X=-13.00, Y=21.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.134291
SAR 1g (W/Kg)	0.288111



Z Axis Scan



Testing result (WI-FI U-NII 2a 802.11a ANT 1, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/15/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

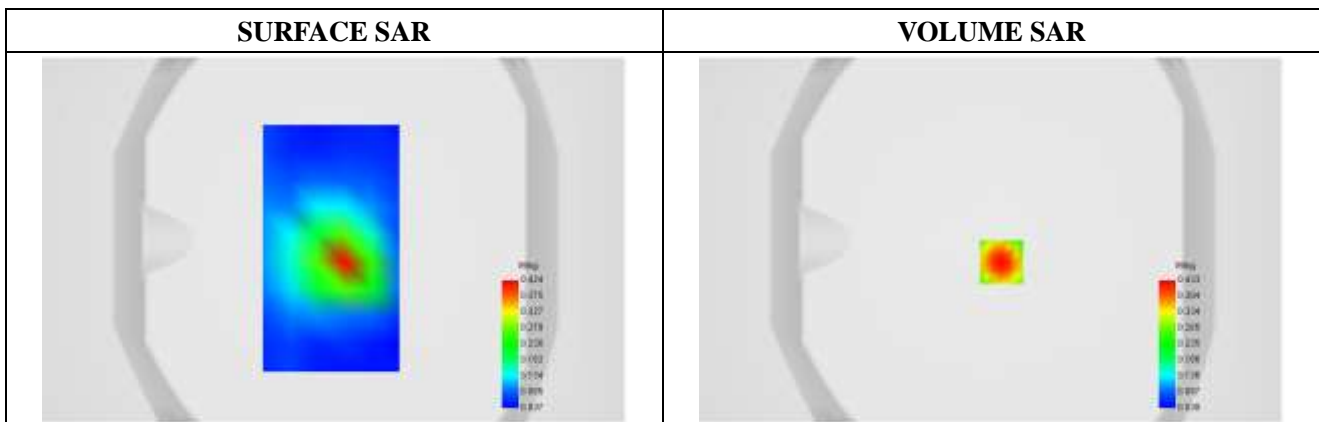
B. SAR Measurement Results

Frequency (MHz)	5280.0
Relative permittivity (real part)	36.55
Conductivity (S/m)	4.32
Variation (%)	1.54

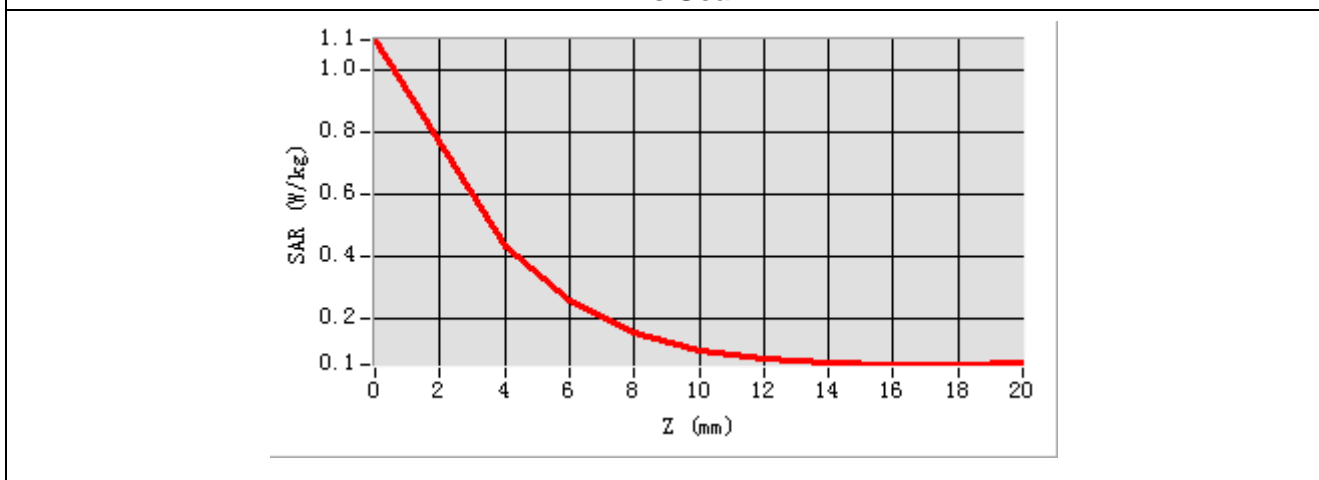
Maximum location: X=5.00, Y=-12.00

SAR Peak: 1.09 W/kg

SAR 10g (W/Kg)	0.204474
SAR 1g (W/Kg)	0.434154



Z Axis Scan



Testing result (WI-FI U-NII 2c 802.11a, Left Tilted, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

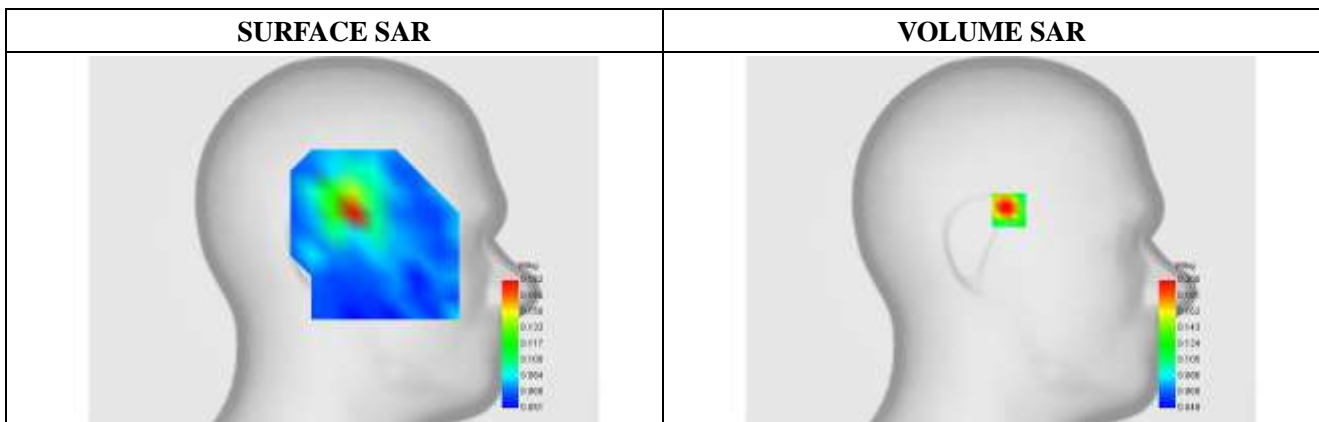
B. SAR Measurement Results

Frequency (MHz)	5600.0
Relative permittivity (real part)	35.88
Conductivity (S/m)	5.01
Variation (%)	1.13

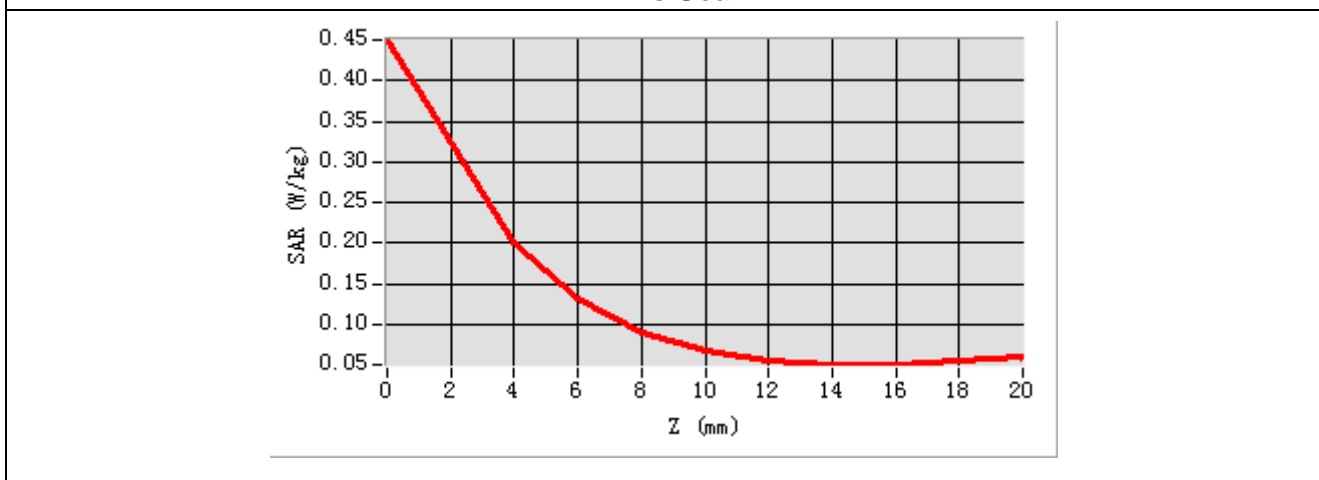
Maximum location: X=-12.00, Y=21.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.105353
SAR 1g (W/Kg)	0.198070



Z Axis Scan



Testing result (WI-FI U-NII 2c 802.11a ANT 1, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

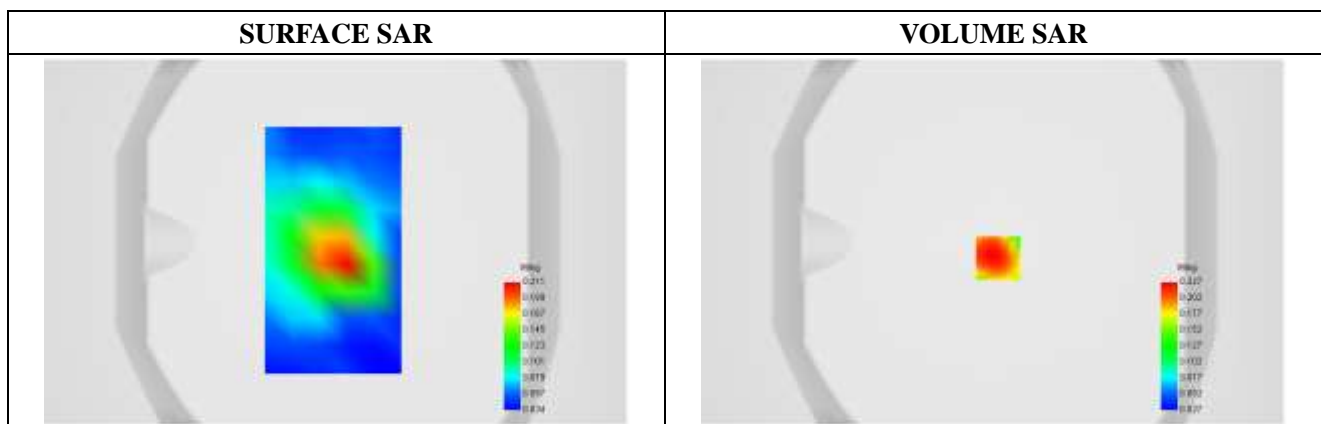
B. SAR Measurement Results

Frequency (MHz)	5600.0
Relative permittivity (real part)	35.88
Conductivity (S/m)	5.01
Variation (%)	-2.16

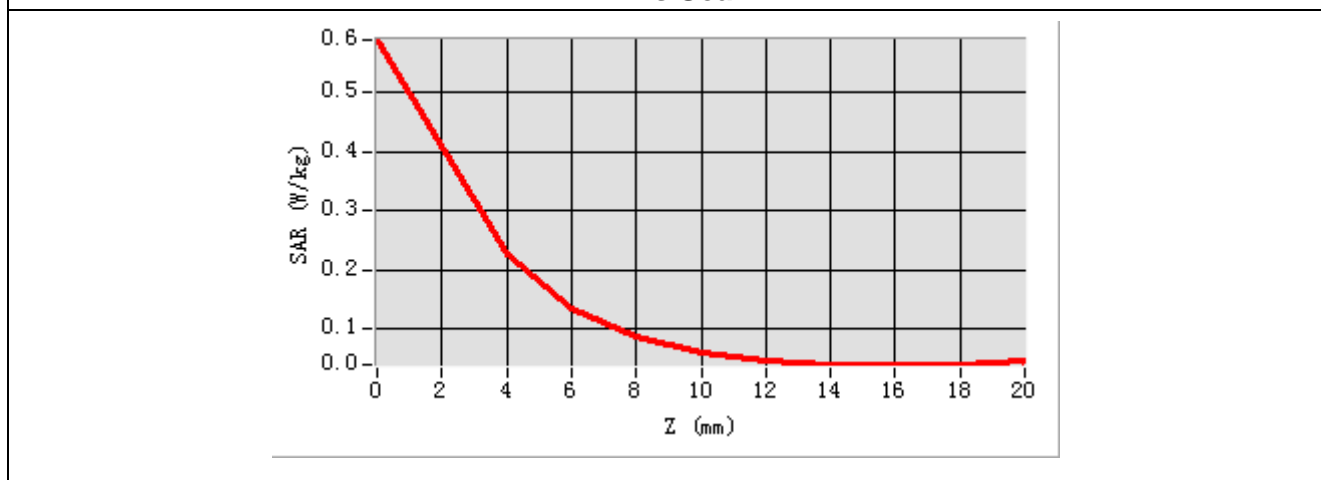
Maximum location: X=2.00, Y=-9.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.119767
SAR 1g (W/Kg)	0.232540



Z Axis Scan



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

Type: phone measurement

Date of measurement: 09/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

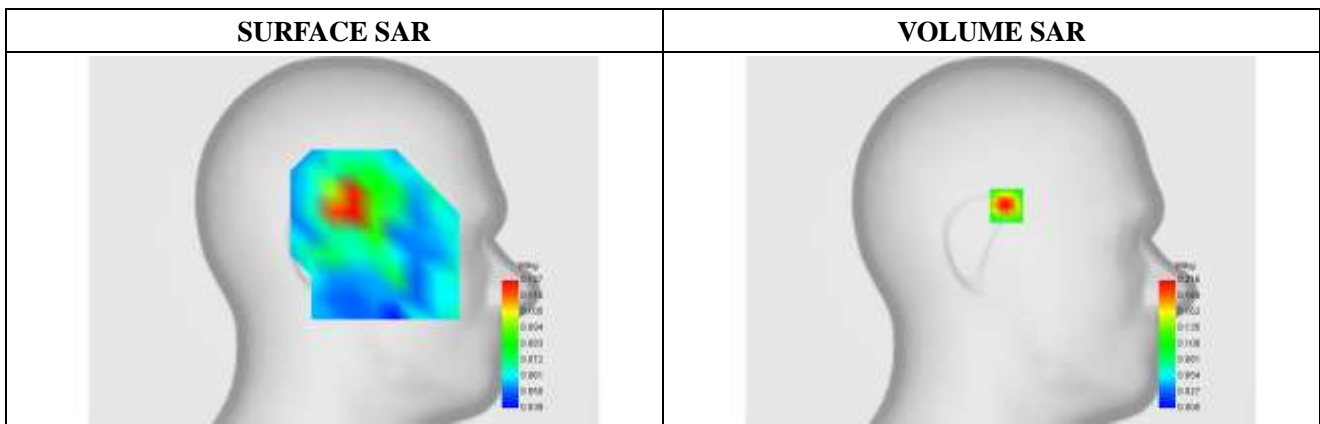
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	35.56
Conductivity (S/m)	5.18
Variation (%)	-0.79

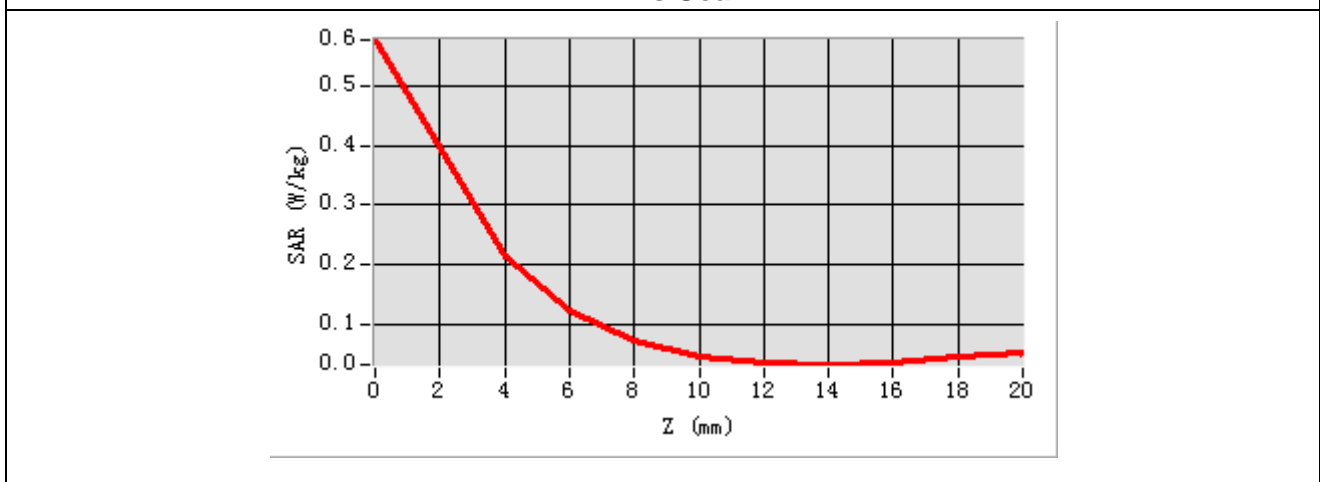
Maximum location: X=-10.00, Y=24.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.100142
SAR 1g (W/Kg)	0.212970



Z Axis Scan



Testing result (WI-FI U-NII 3a 802.11a, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/16/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

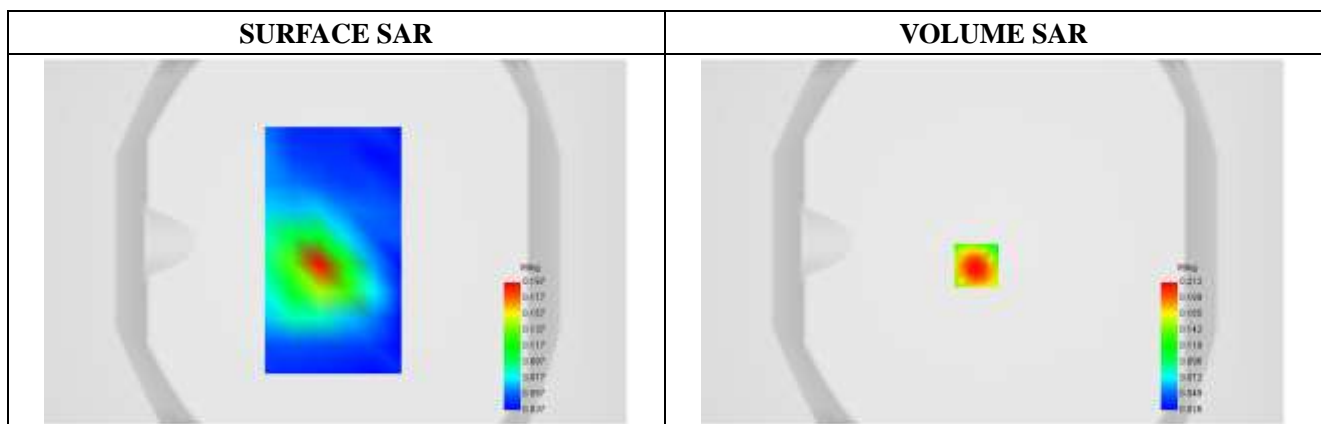
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	35.56
Conductivity (S/m)	5.18
Variation (%)	-3.09

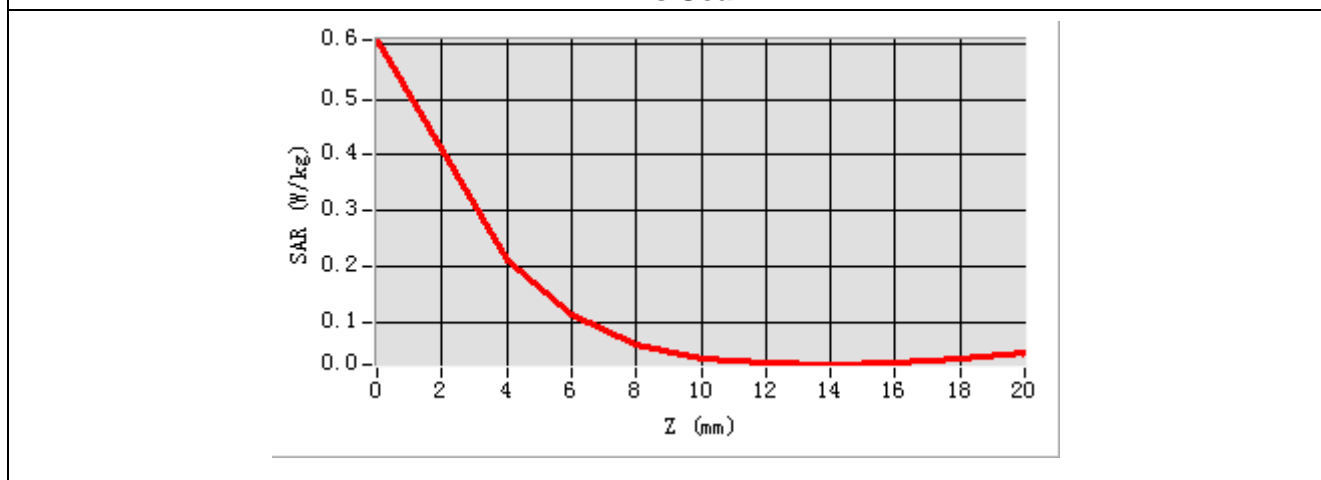
Maximum location: X=-10.00, Y=-13.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.106058
SAR 1g (W/Kg)	0.220076



Z Axis Scan



Testing result (Bluetooth, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 09/10/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	Bluetooth
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

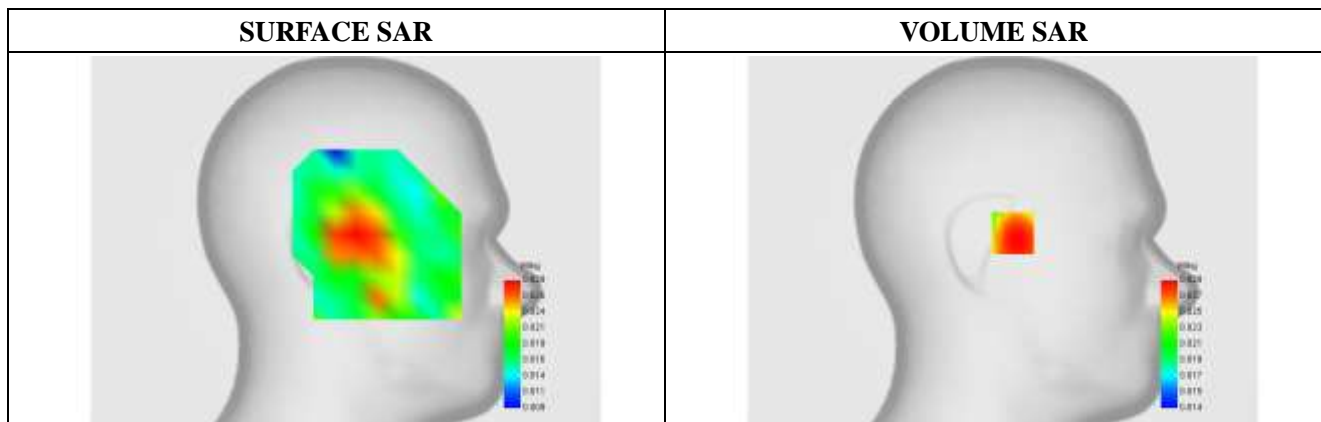
B. SAR Measurement Results

Frequency (MHz)	2441.0
Relative permittivity (real part)	38.12
Conductivity (S/m)	1.79
Variation (%)	0.87

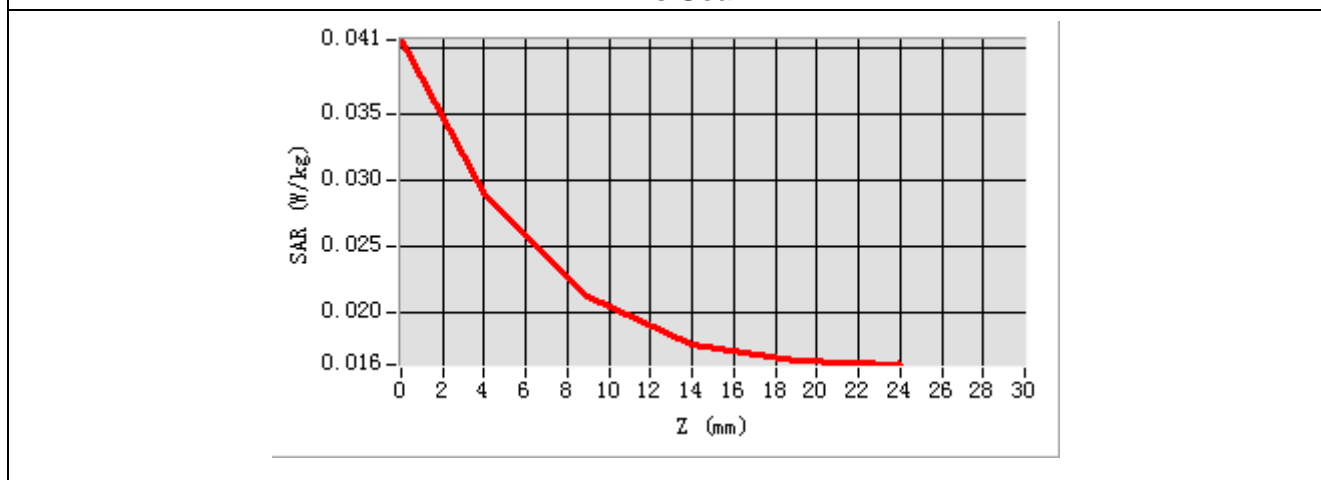
Maximum location: X=-13.00, Y=5.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.022145
SAR 1g (W/Kg)	0.028273



Z Axis Scan



Testing result (Bluetooth, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 09/10/2023

A. Experimental conditions.

E-Field Probe	SATIMO 0523-EPGO-403
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)

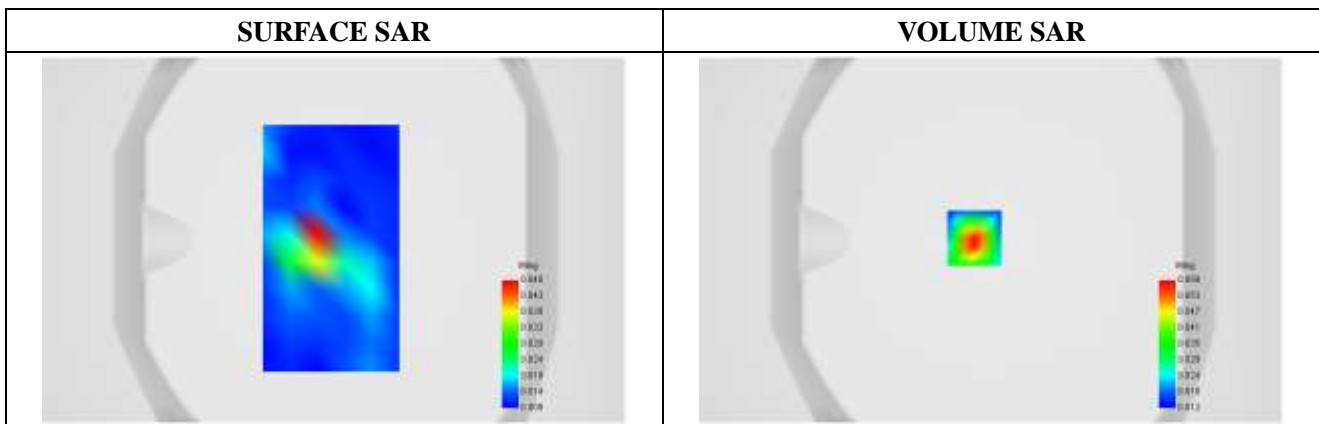
B. SAR Measurement Results

Frequency (MHz)	2441.0
Relative permittivity (real part)	38.12
Conductivity (S/m)	1.79
Variation (%)	-1.52

Maximum location: X=-10.00, Y=1.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.029645
SAR 1g (W/Kg)	0.053300



Z Axis Scan

