



Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM 850 ANT 3	Left Cheek Middle	2023/08/08
2	GPRS 850 4Tx ANT 3	Body Back, Middle ,10mm	2023/08/08
3	GSM 1900 ANT 3	Right Cheek Middle	2023/08/12
4	GPRS 1900 4Tx ANT 3	Body Front, Middle ,10mm	2023/08/12
5	GPRS 1900 4Tx ANT 3	Body Bottom, Middle ,10mm	2023/08/12
6	WCDMA 850 ANT 3	Right Cheek Middle	2023/08/08
7	WCDMA 850 ANT 3	Body Back, Middle ,10mm	2023/08/08
8	WCDMA 1700 ANT 3	Left Cheek Middle	2023/08/10
9	WCDMA 1700 ANT 3	Body Front, Middle ,10mm	2023/08/10
10	WCDMA 1700 ANT 3	Body Bottom, Middle ,10mm	2023/08/10
11	WCDMA 1900 ANT 3	Left Cheek Middle	2023/08/12
12	WCDMA 1900 ANT 3	Body Front, Middle ,10mm	2023/08/12
13	LTE Band 2 ANT 3	Left Cheek Middle	2023/08/12
14	LTE Band 2 ANT 3	Body Front, Middle ,10mm	2023/08/12
15	LTE Band 2 ANT 3	Body Bottom, Middle ,10mm	2023/08/12
16	LTE Band 4 ANT 3	Right Cheek Middle	2023/08/10
17	LTE Band 4 ANT 3	Body Front, Middle ,10mm	2023/08/10
18	LTE Band 5 ANT 3	Right Cheek Middle	2023/08/08
19	LTE Band 5 ANT 3	Body Back, Middle ,10mm	2023/08/08
20	LTE Band 7 ANT 3	Right Cheek Middle	2023/08/15
21	LTE Band 7 ANT 3	Body Back, Middle ,10mm	2023/08/15
22	LTE Band 7 ANT 3	Body Bottom, Low ,10mm	2023/08/15
23	LTE Band 12 ANT 3	Right Cheek Middle	2023/08/17
24	LTE Band 12 ANT 3	Body Back, Middle ,10mm	2023/08/17
25	LTE Band 13 ANT 3	Right Cheek Middle	2023/08/17
26	LTE Band 13 ANT 3	Body Front, Middle ,10mm	2023/08/17
27	LTE Band 17 ANT 3	Left Cheek Middle	2023/08/17
28	LTE Band 17 ANT 3	Body Back, Middle ,10mm	2023/08/17
29	LTE Band 26(Part 22) ANT 3	Left Cheek Middle	2023/08/08
30	LTE Band 26(Part 22) ANT 3	Body Back, Middle ,10mm	2023/08/08
31	LTE Band 26(Part 90) ANT 3	Right Cheek Middle	2023/08/08
32	LTE Band 26(Part 90) ANT 3	Body Front, Middle ,10mm	2023/08/08
33	LTE Band 41 ANT 3	Right Cheek Middle	2023/08/15
34	LTE Band 41 ANT 3	Body Front, High ,10mm	2023/08/15
35	LTE Band 41 ANT 3	Body Bottom, High ,10mm	2023/08/15
36	LTE Band 66 ANT 3	Right Cheek Middle	2023/08/10
37	LTE Band 66 ANT 3	Body Front, Middle ,10mm	2023/08/10
38	LTE Band 66 ANT 3	Body Bottom, Middle ,10mm	2023/08/10
38	WI-FI 2.4G 802.11b ANT 2	Left Cheek Middle	2023/08/03
39	WI-FI 2.4G 802.11b ANT 2	Body Back, Middle ,10mm	2023/08/03
40	WI-FI U-NII 1 802.11a ANT 2	Left Cheek Middle	2023/08/13
41	WI-FI U-NII 1 802.11a ANT 2	Body Back, Middle ,10mm	2023/08/13
42	WI-FI U-NII 3a802.11a ANT 2	Left Cheek Middle	2023/08/14



43	WI-FI U-NII 3a 802.11a ANT 2	Body Back, Middle ,10mm	2023/08/14
44	Bluetooth ANT 2	Left Cheek Middle	2023/08/03
45	Bluetooth ANT 2	Body Back, Middle ,10mm	2023/08/03

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

Type: phone measurement

Date of measurement: 08/08/2023

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: 1.0)

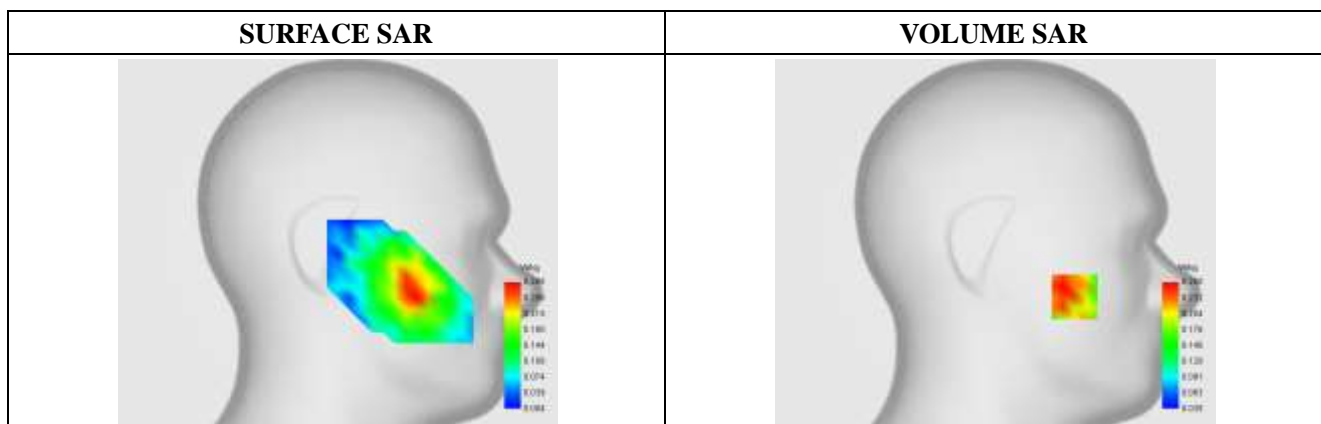
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	-1.34

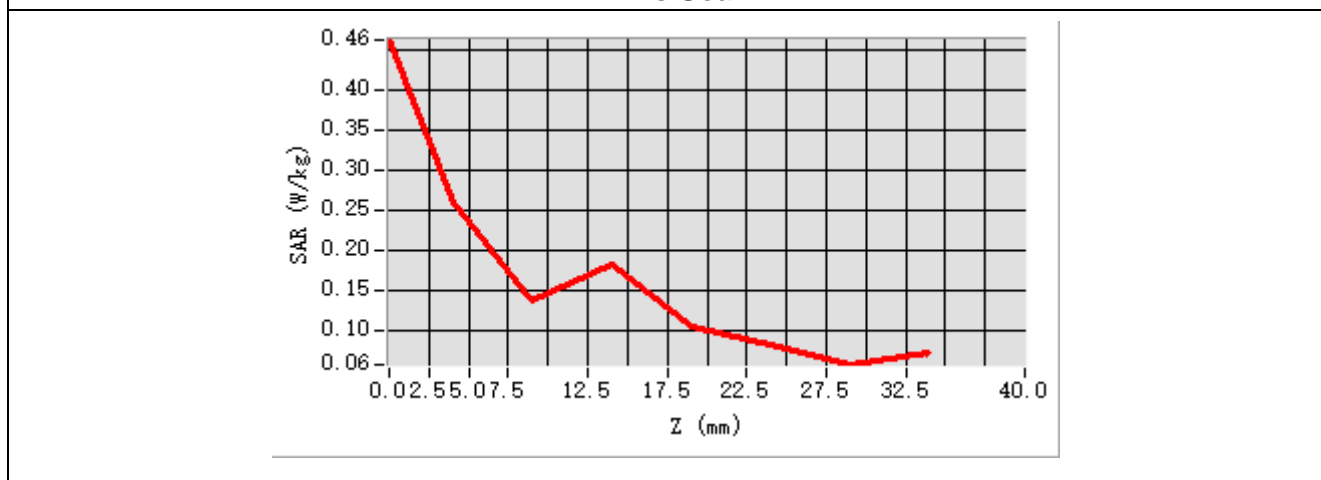
Maximum location: X=-56.00, Y=-39.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.166025
SAR 1g (W/Kg)	0.257381



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/08/2023

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)

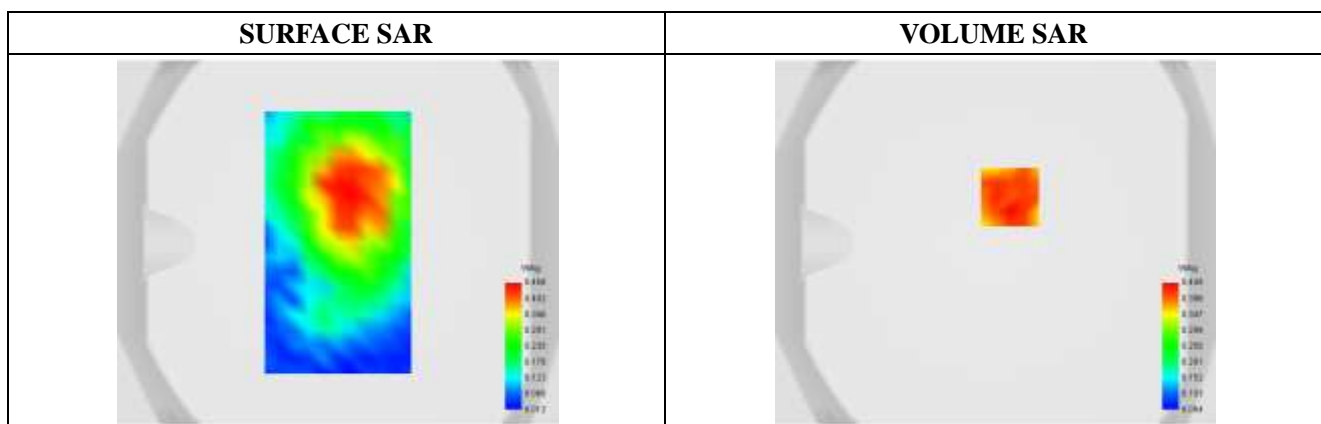
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	2.18

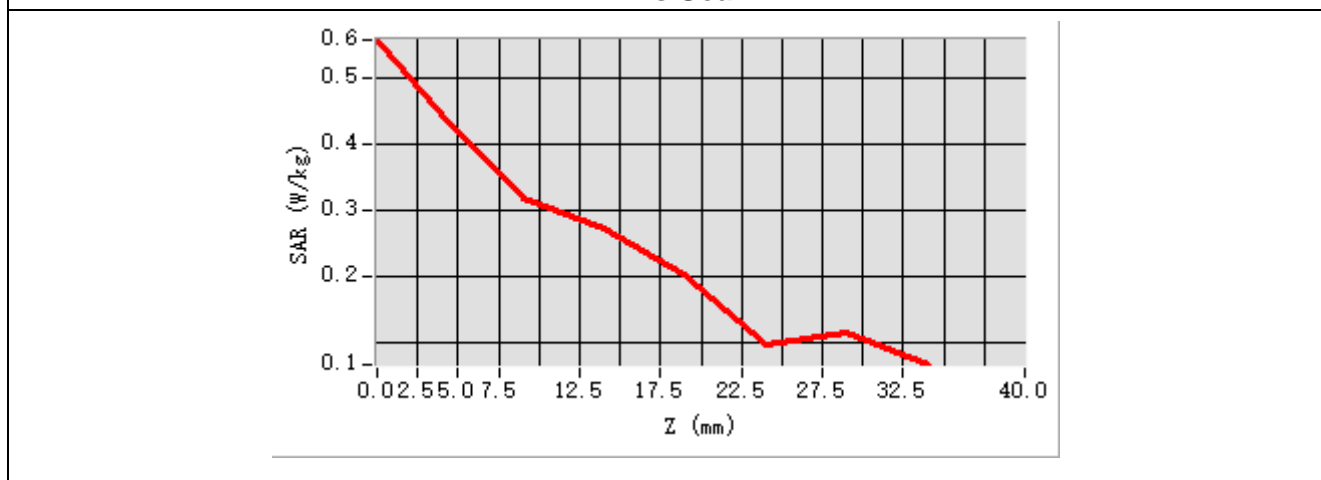
Maximum location: X=8.00, Y=25.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.269057
SAR 1g (W/Kg)	0.420854



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/12/2023

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	GSM1900
Channels	Middle
Signal	GSM(Crest factor: 8.0)

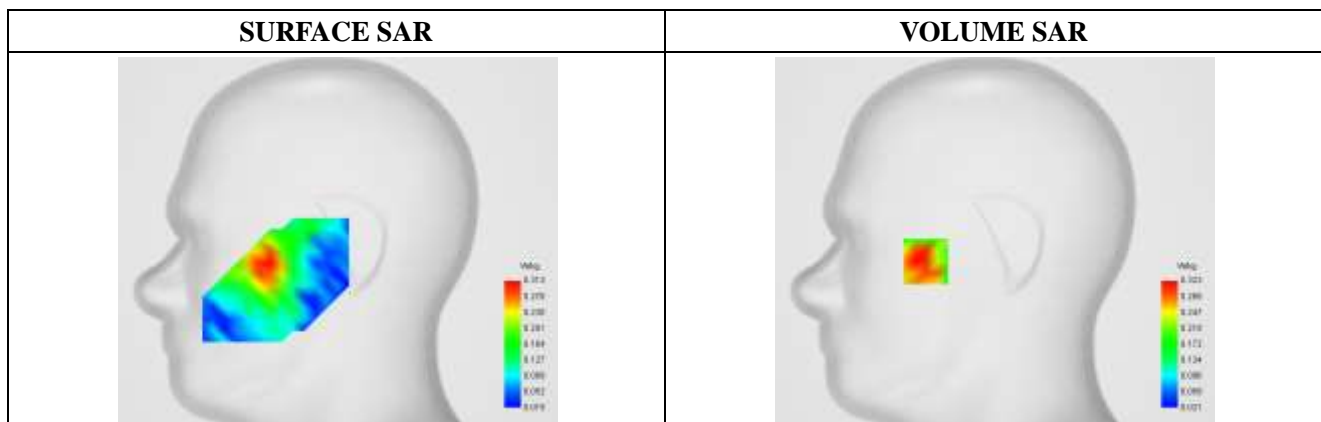
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	1.01

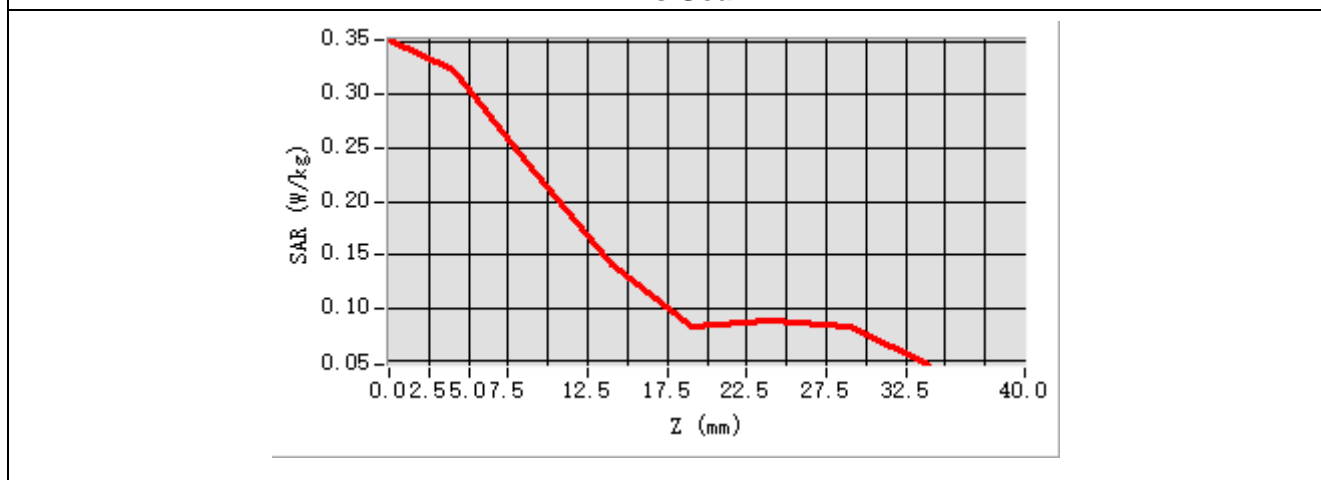
Maximum location: X=-49.00, Y=-15.00

SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.198941
SAR 1g (W/Kg)	0.340695



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/12/2023

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)

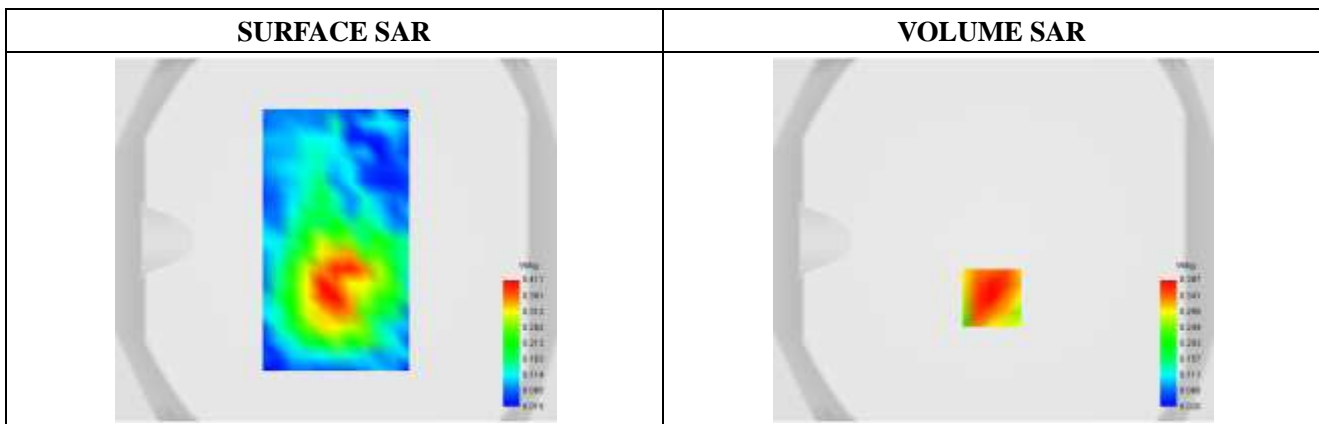
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	-0.63

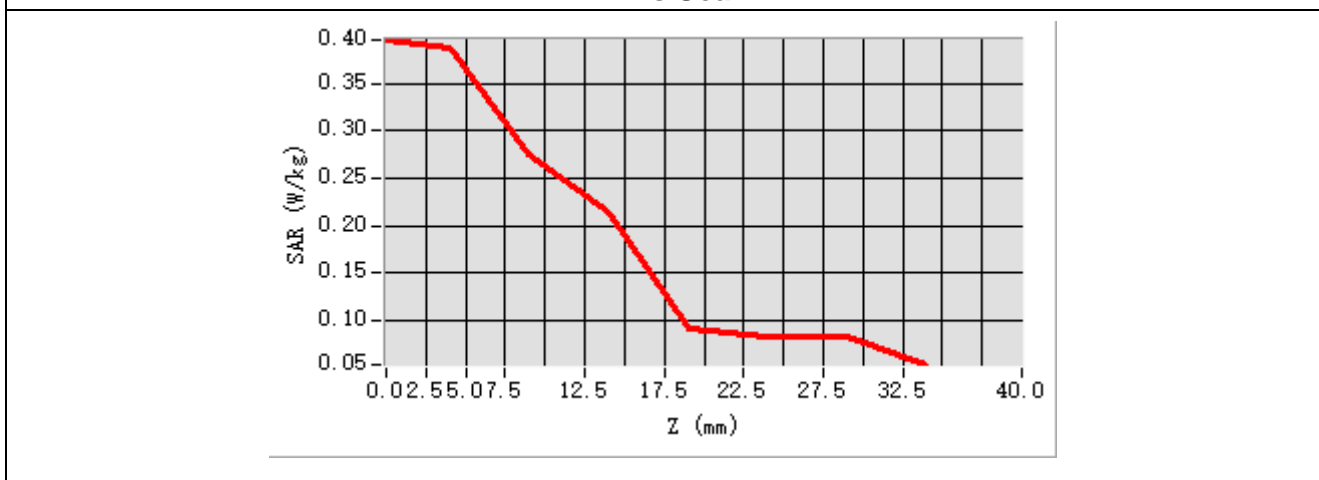
Maximum location: X=-1.00, Y=-32.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.228074
SAR 1g (W/Kg)	0.386258



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/12/2023

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)

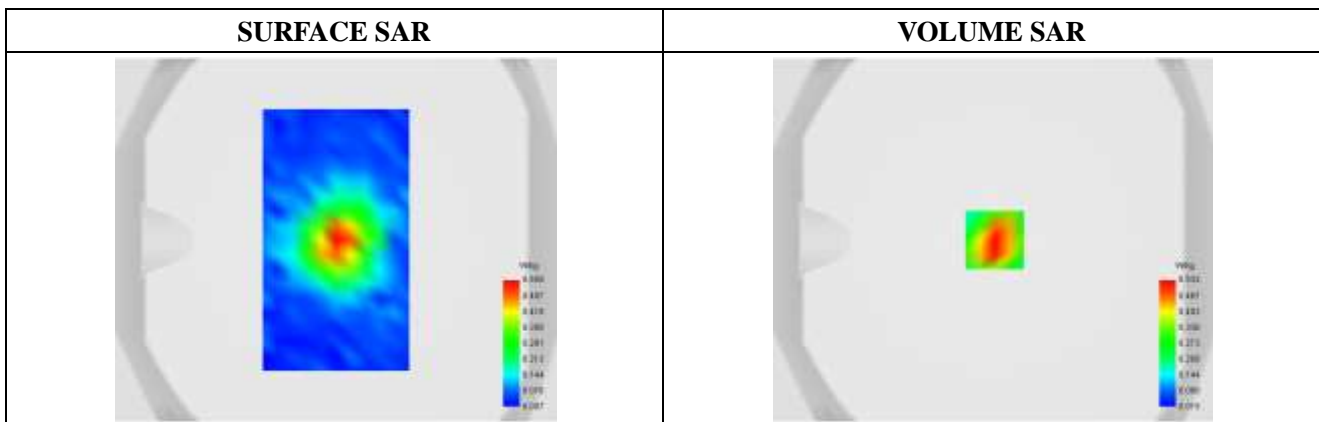
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	-1.24

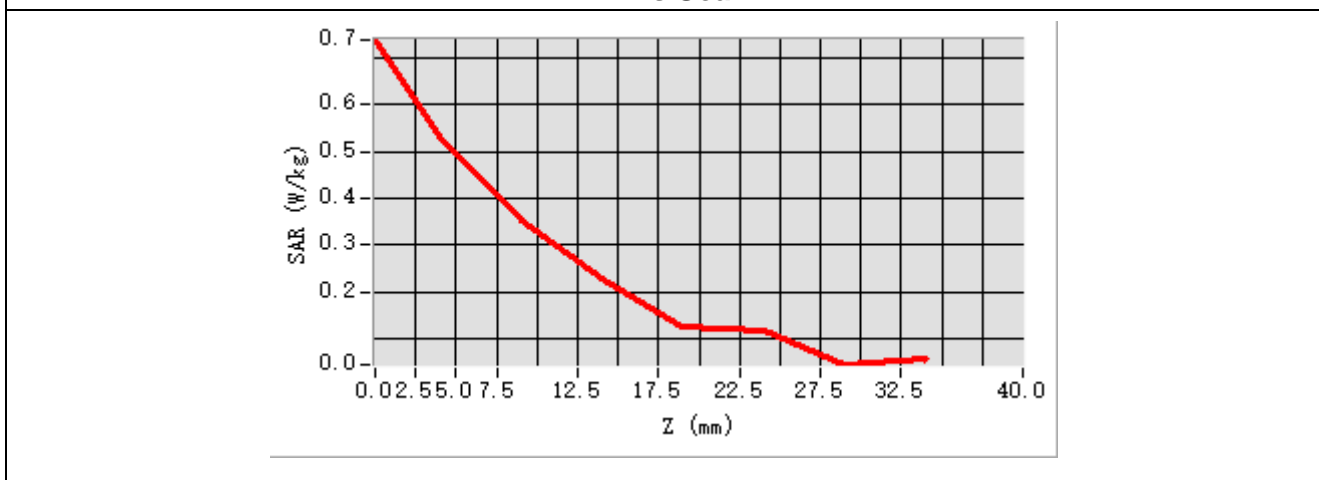
Maximum location: X=1.00, Y=0.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.289260
SAR 1g (W/Kg)	0.515835



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/08/2023

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	WCDMA850
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

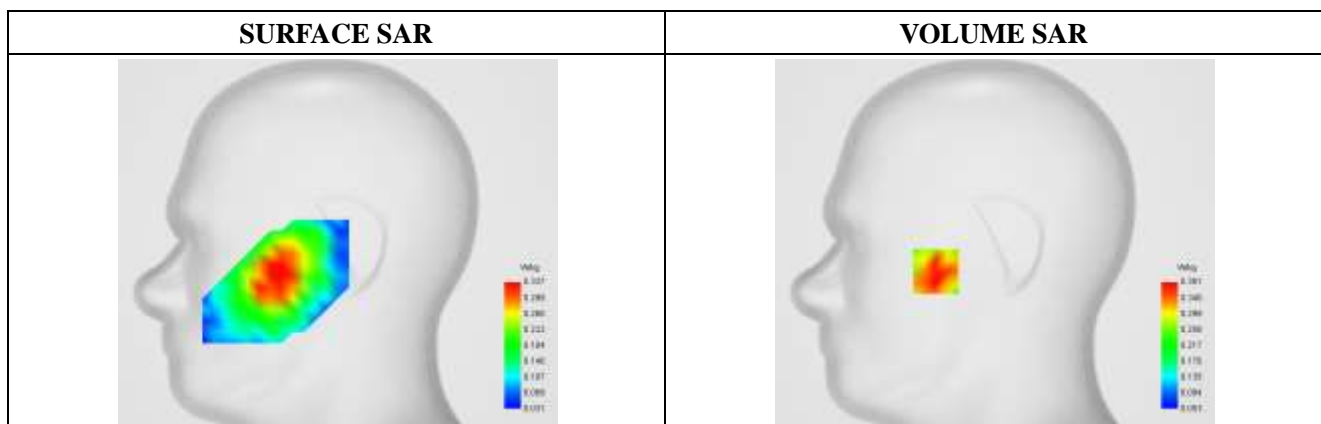
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	-0.80

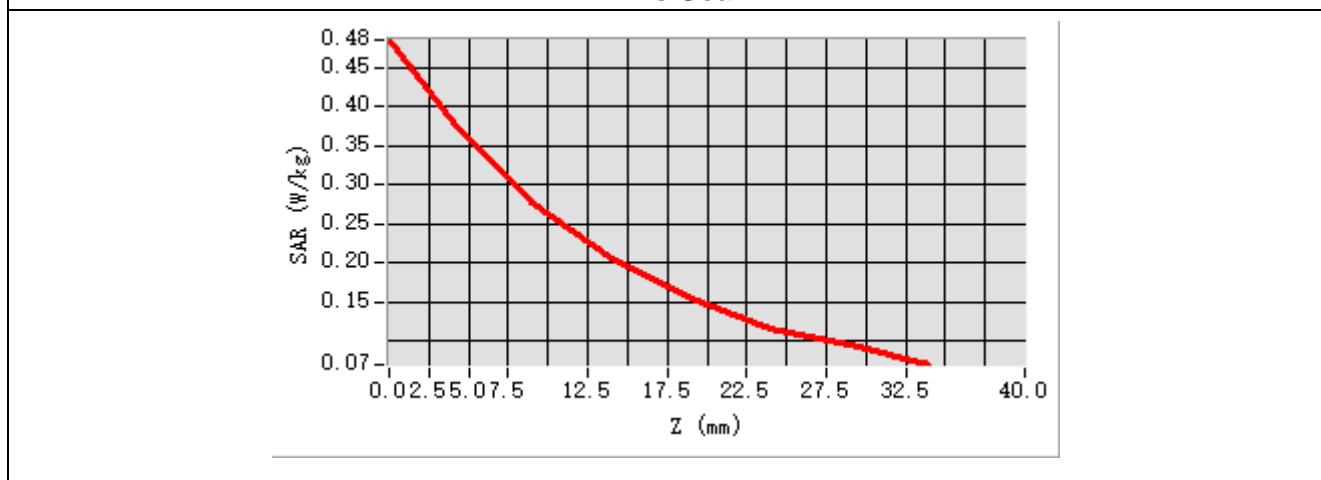
Maximum location: X=-42.00, Y=-21.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.248742
SAR 1g (W/Kg)	0.373116



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/08/2023

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)

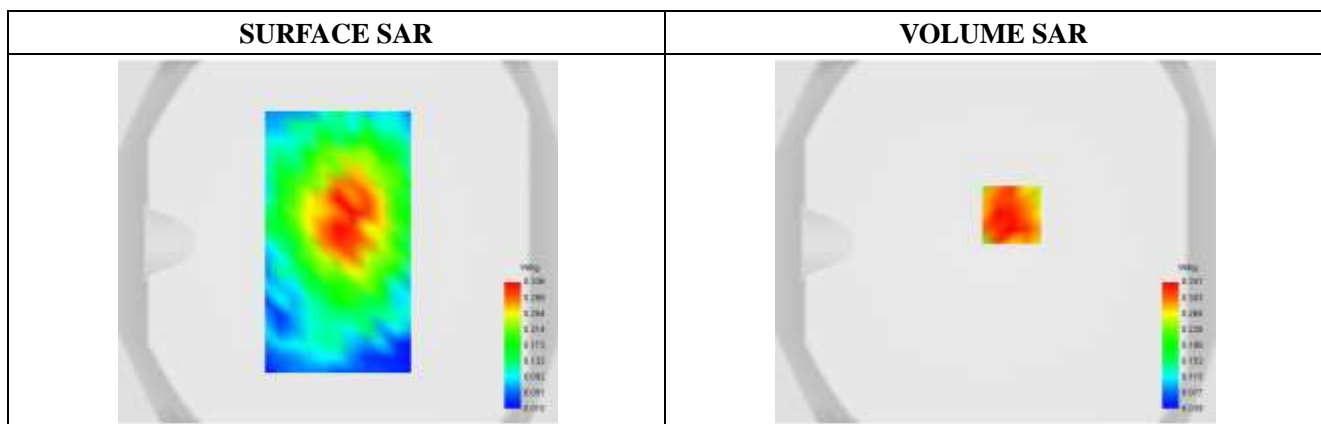
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	-1.15

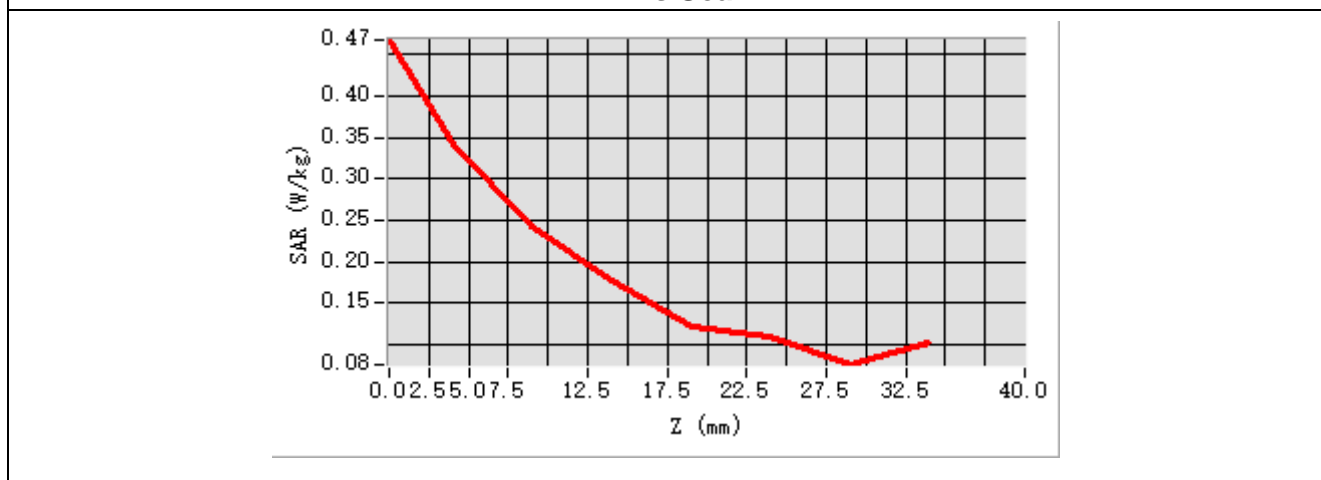
Maximum location: X=9.00, Y=15.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.228625
SAR 1g (W/Kg)	0.361158



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/10/2023

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	WCDMA1700
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

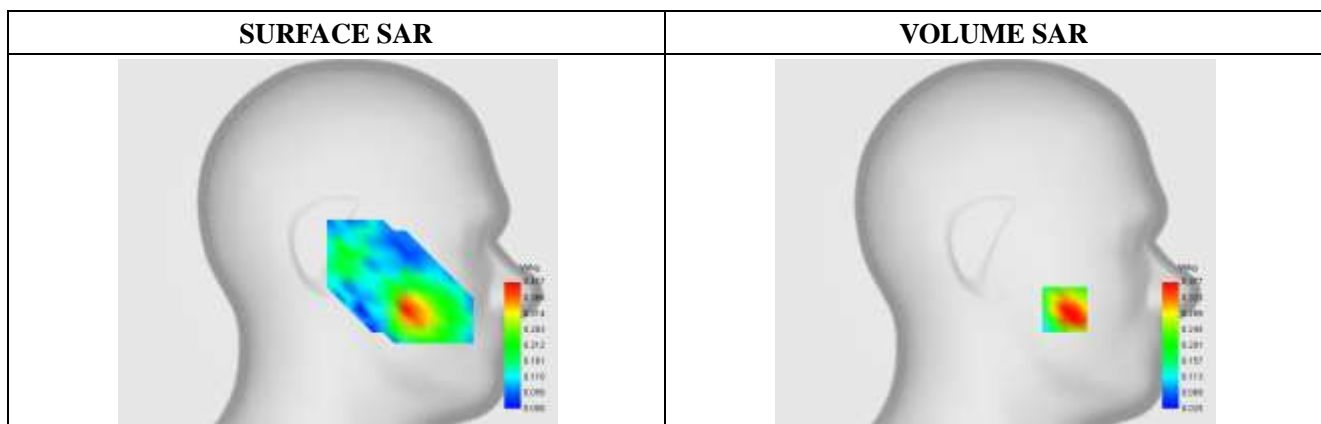
B. SAR Measurement Results

Frequency (MHz)	1732.6
Relative permittivity (real part)	40.68
Conductivity (S/m)	1.34
Variation (%)	0.91

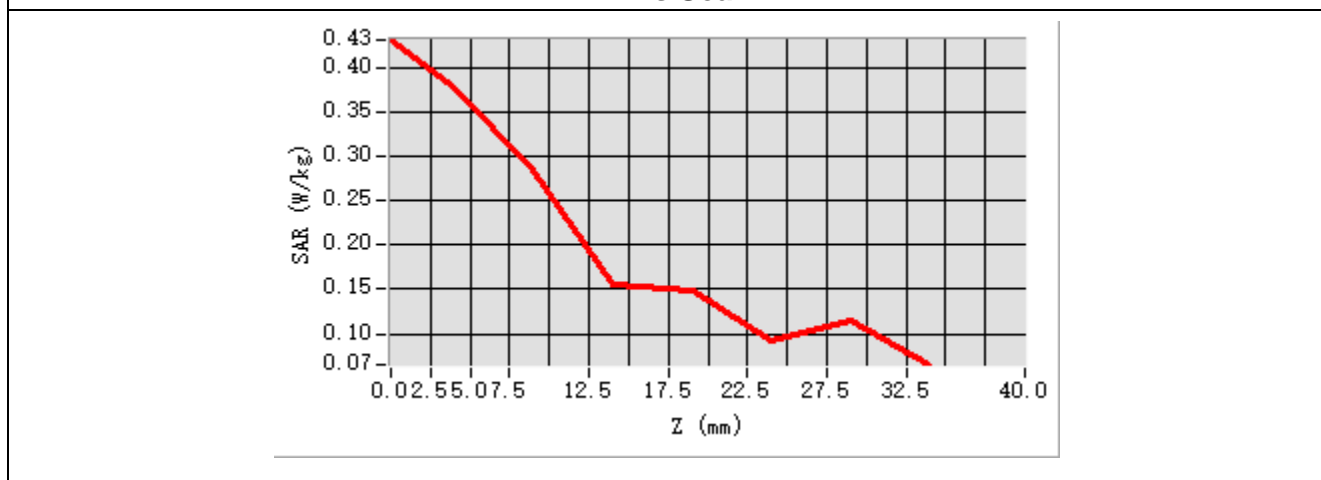
Maximum location: X=-49.00, Y=-48.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.236282
SAR 1g (W/Kg)	0.385091



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/10/2023

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)

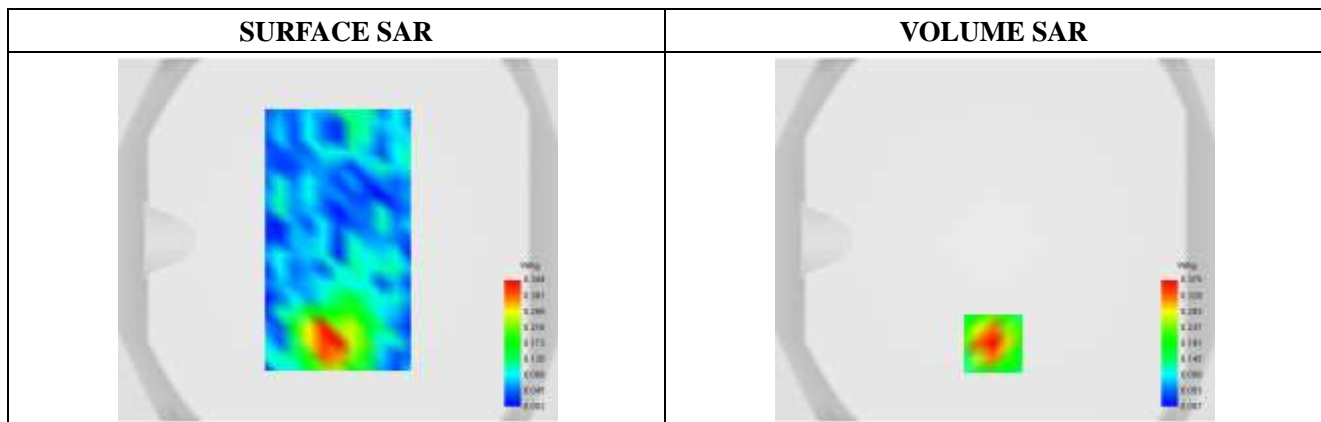
B. SAR Measurement Results

Frequency (MHz)	1732.6
Relative permittivity (real part)	40.68
Conductivity (S/m)	1.34
Variation (%)	-0.29

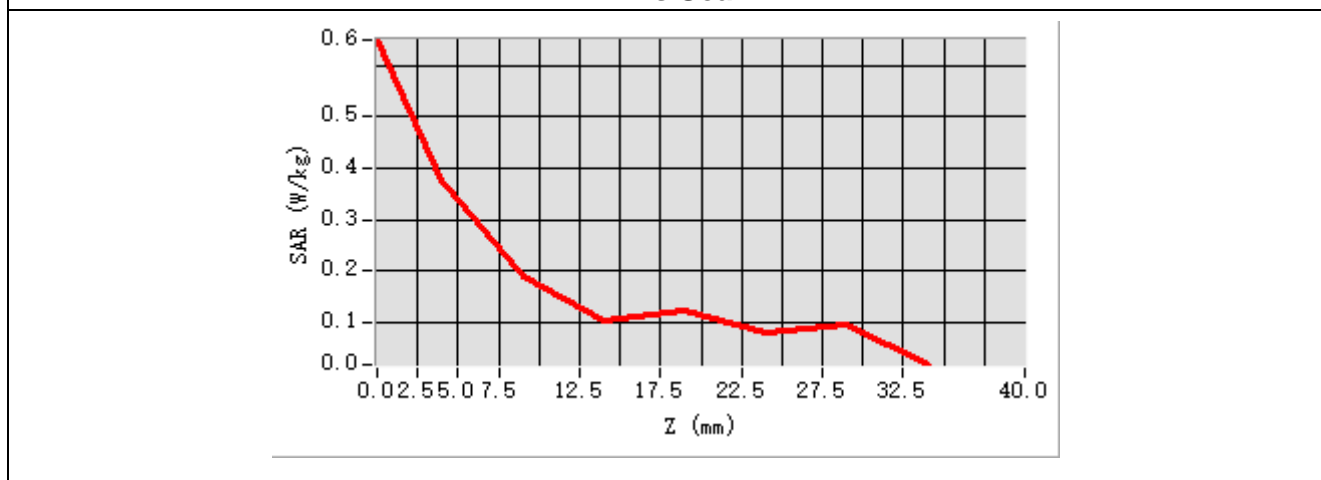
Maximum location: X=-1.00, Y=-57.00

SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.228016
SAR 1g (W/Kg)	0.419702



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/10/2023

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)

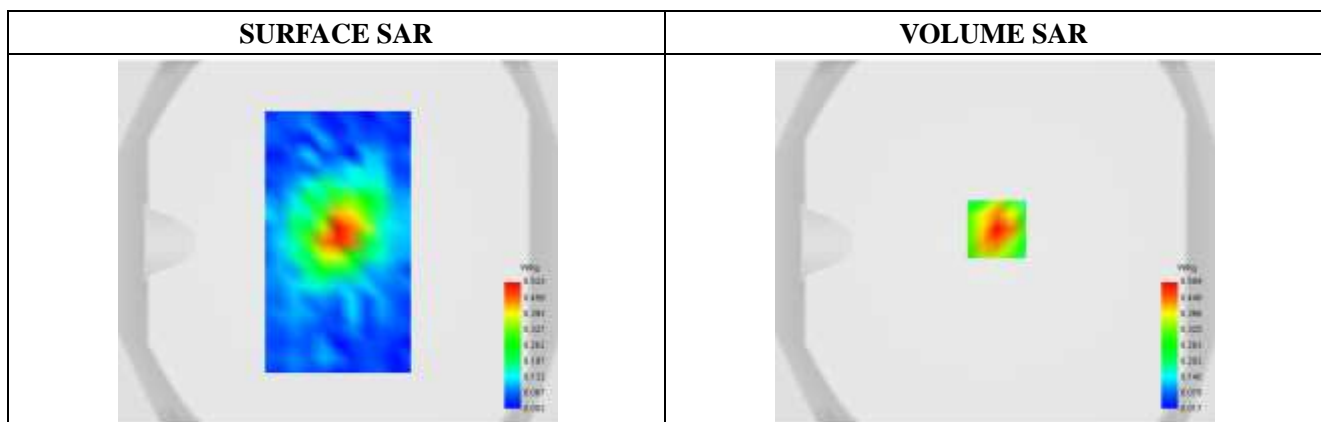
B. SAR Measurement Results

Frequency (MHz)	1732.6
Relative permittivity (real part)	40.68
Conductivity (S/m)	1.34
Variation (%)	0.15

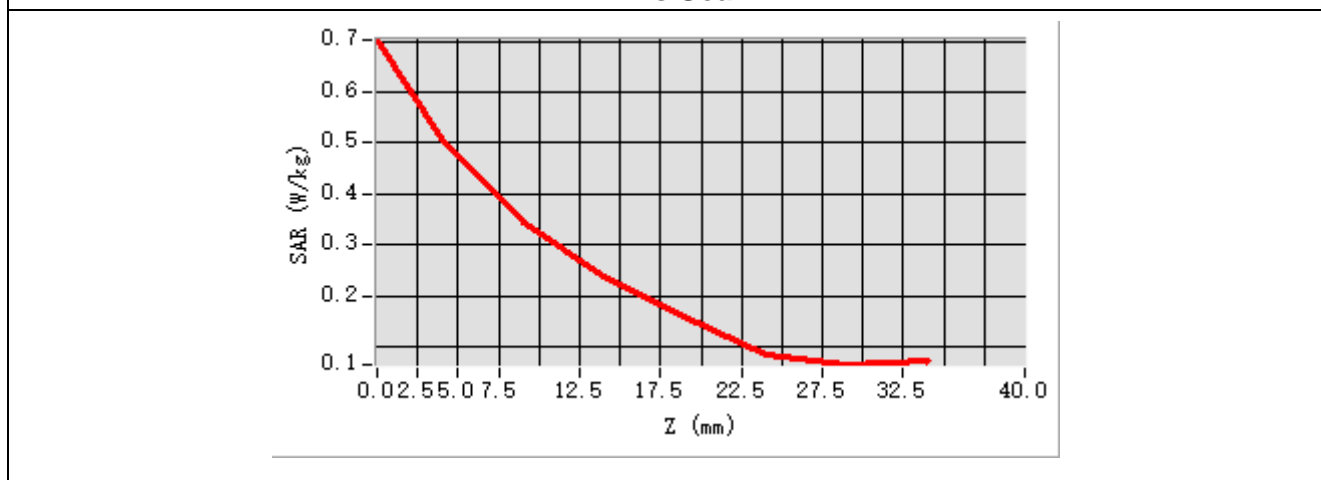
Maximum location: X=1.00, Y=7.00

SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.279641
SAR 1g (W/Kg)	0.478352



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/12/2023

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)

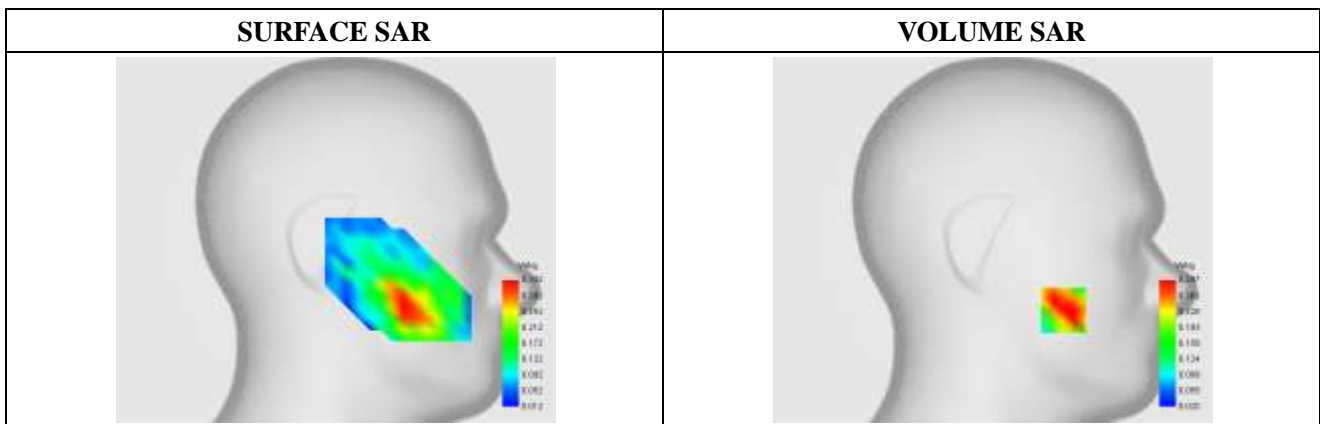
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	-0.47

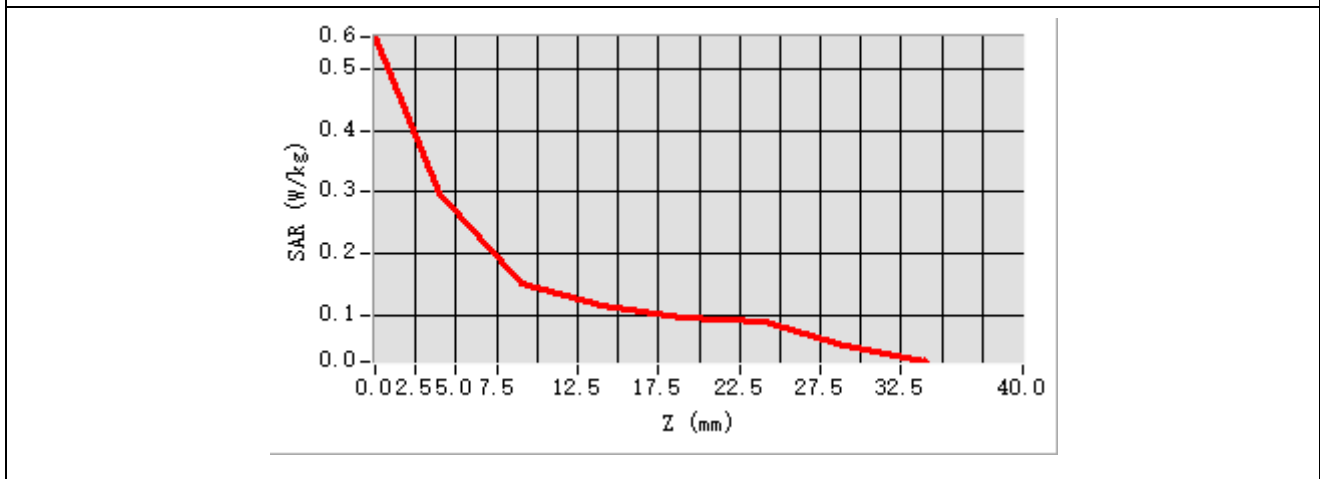
Maximum location: X=-50.00, Y=-50.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.178517
SAR 1g (W/Kg)	0.299154



Z Axis Scan



Testing result (WCDMA1900 ANT 3, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/12/2023

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	Middle
Signal	WCDMA(Crest factor: 1.0)

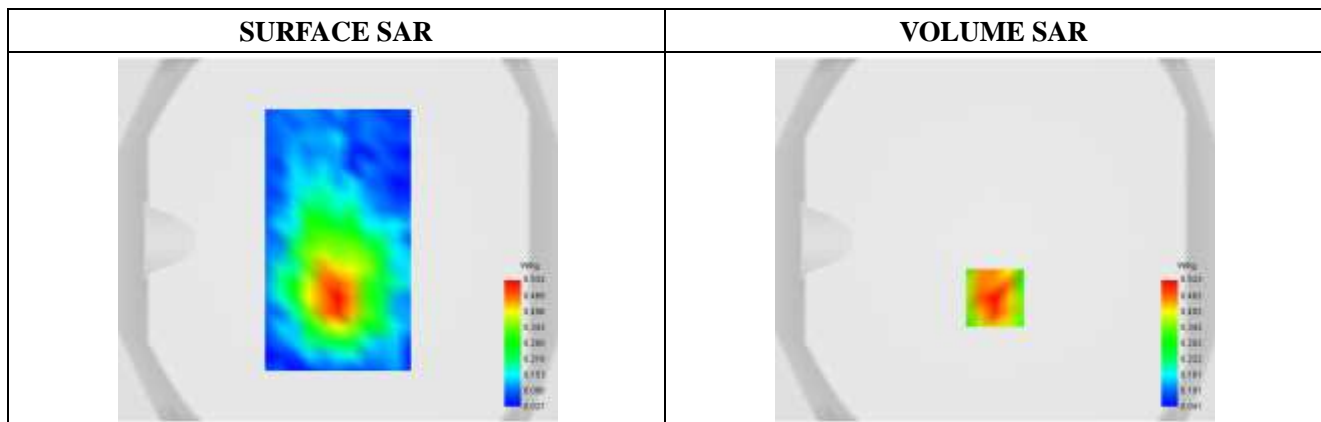
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	0.11

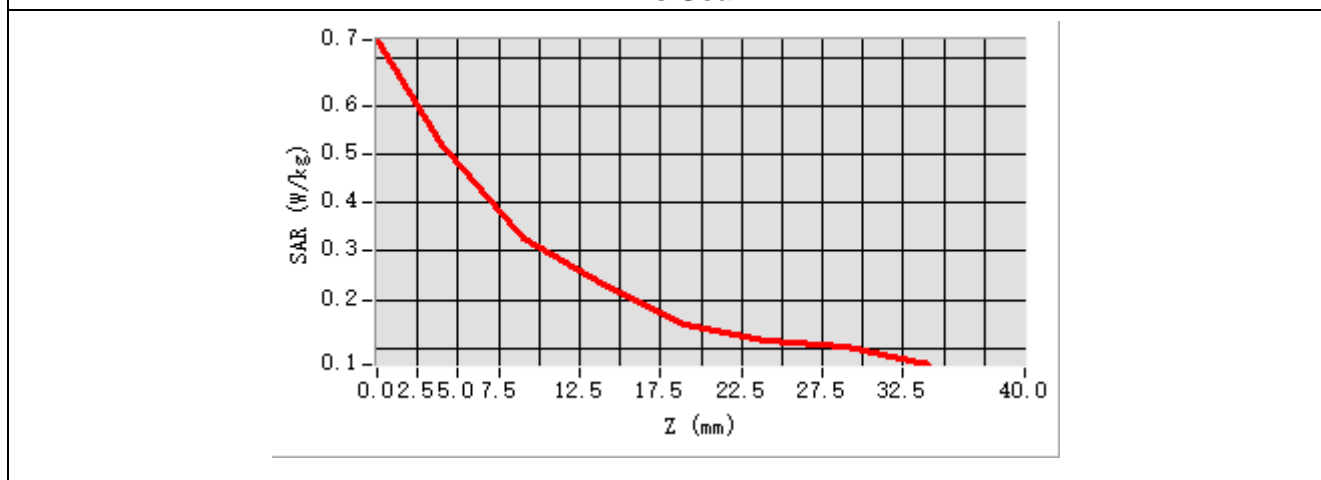
Maximum location: X=0.00, Y=-32.00

SAR Peak: 0.79 W/kg

SAR 10g (W/Kg)	0.290561
SAR 1g (W/Kg)	0.488724



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/12/2023

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	LTE Band 2
Channels	Middle
Signal	LTE(Crest factor: 1.0)

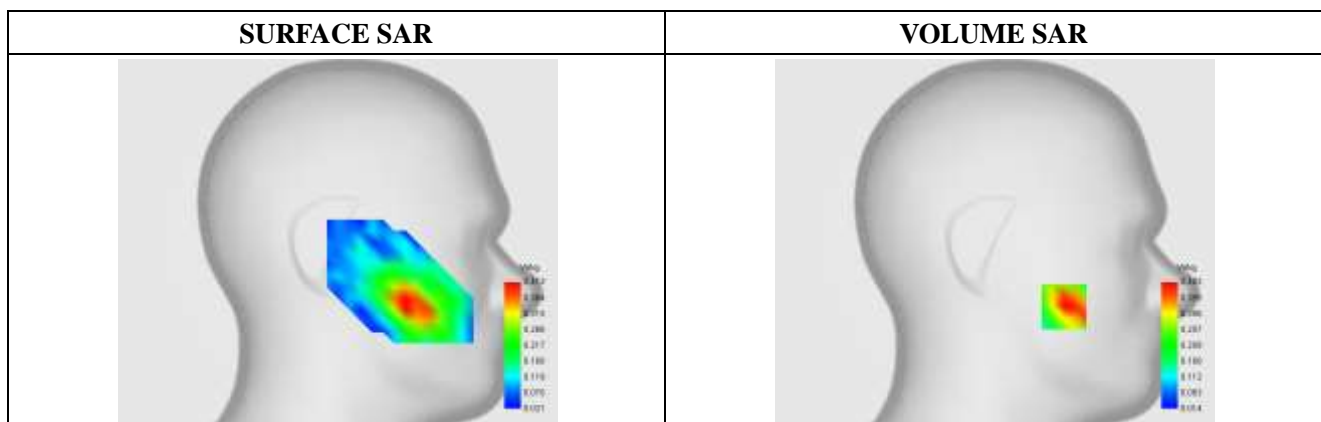
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	-1.17

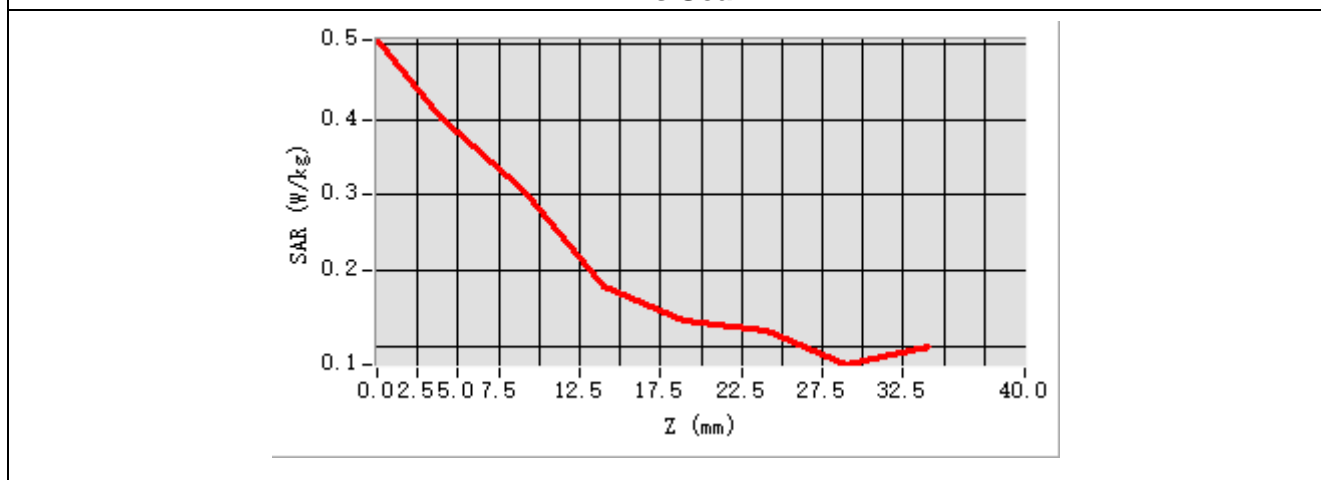
Maximum location: X=-49.00, Y=-46.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.243280
SAR 1g (W/Kg)	0.386924



Z Axis Scan



Testing result (LTE Band 2 ANT 3, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/12/2023

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	Middle
Signal	LTE(Crest factor: 1.0)

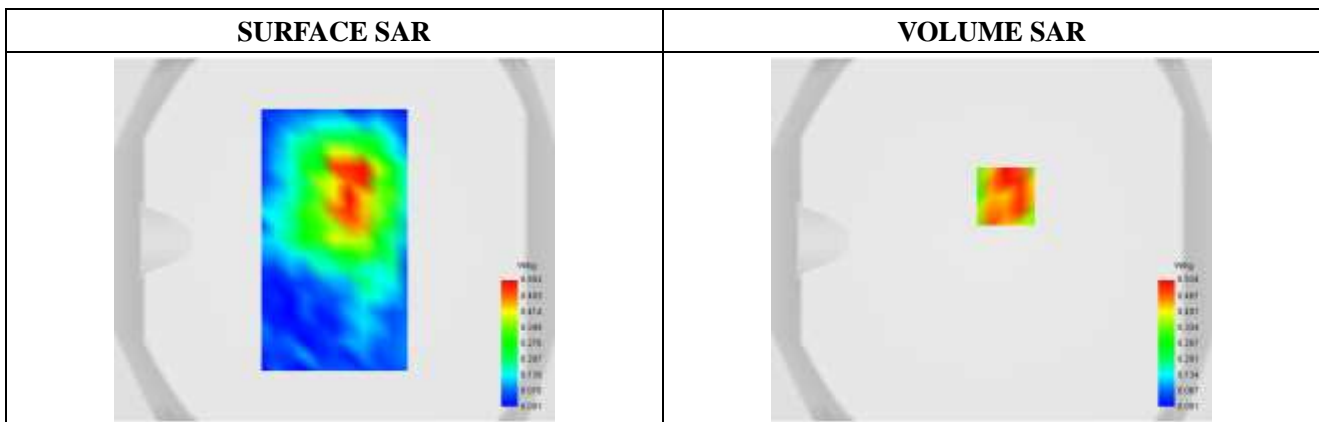
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	1.33

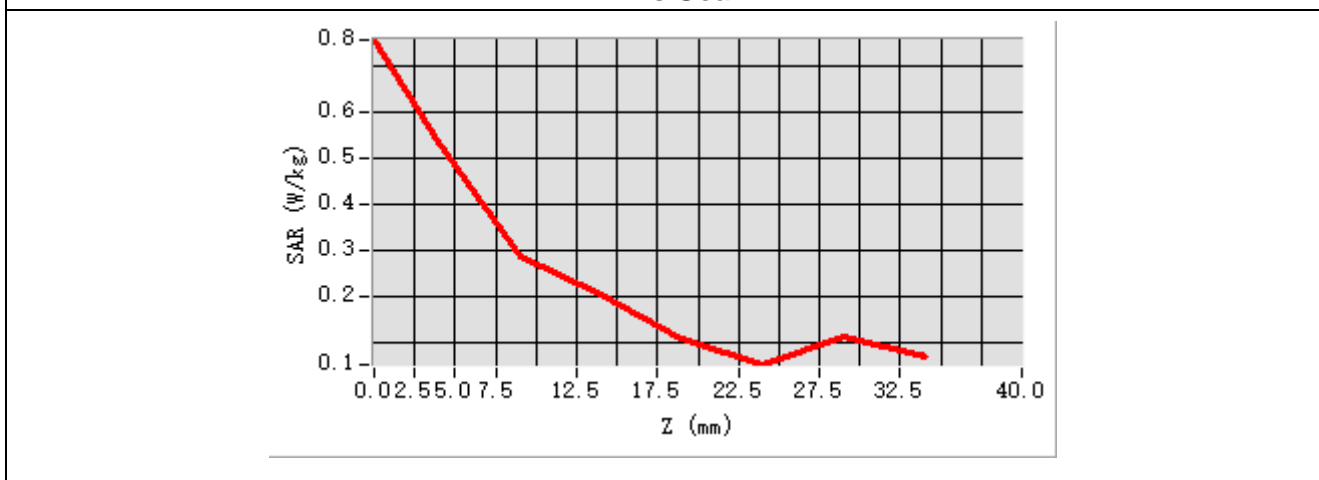
Maximum location: X=8.00, Y=24.00

SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.271425
SAR 1g (W/Kg)	0.535926



Z Axis Scan



Testing result (LTE Band 2 ANT 3, Bottom, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/12/2023

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	Middle
Signal	LTE(Crest factor: 1.0)

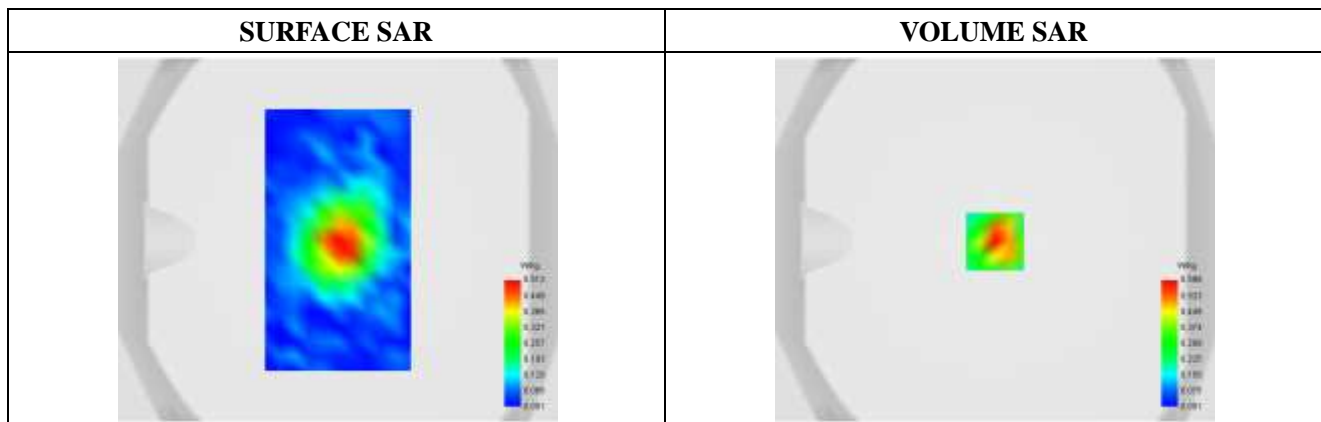
B. SAR Measurement Results

Frequency (MHz)	1880.0
Relative permittivity (real part)	39.76
Conductivity (S/m)	1.39
Variation (%)	-3.31

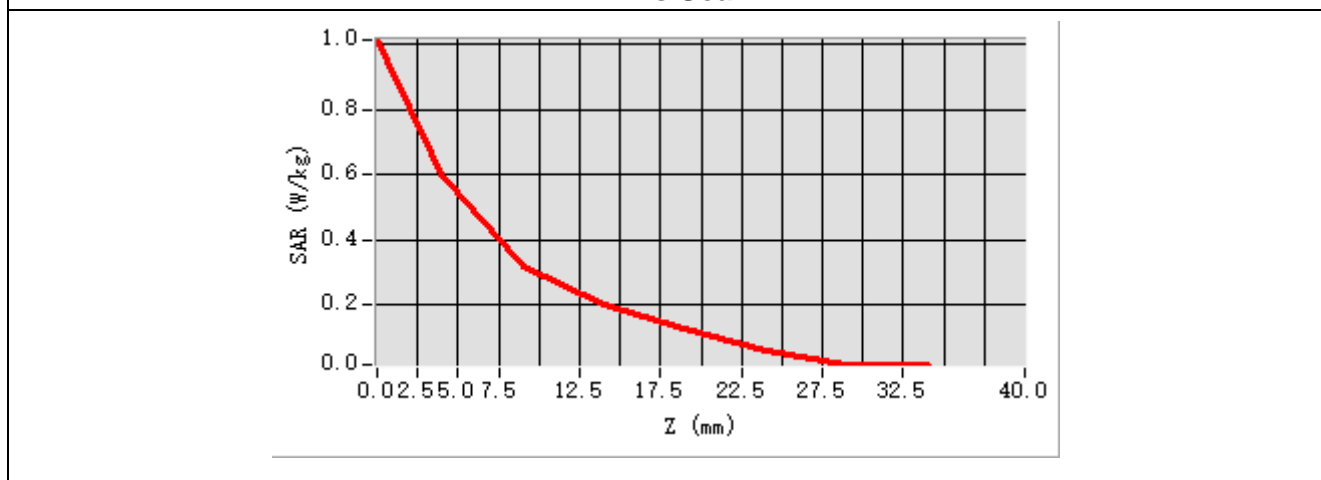
Maximum location: X=0.00, Y=-1.00

SAR Peak: 1.13 W/kg

SAR 10g (W/Kg)	0.287052
SAR 1g (W/Kg)	0.588217



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/10/2023

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)

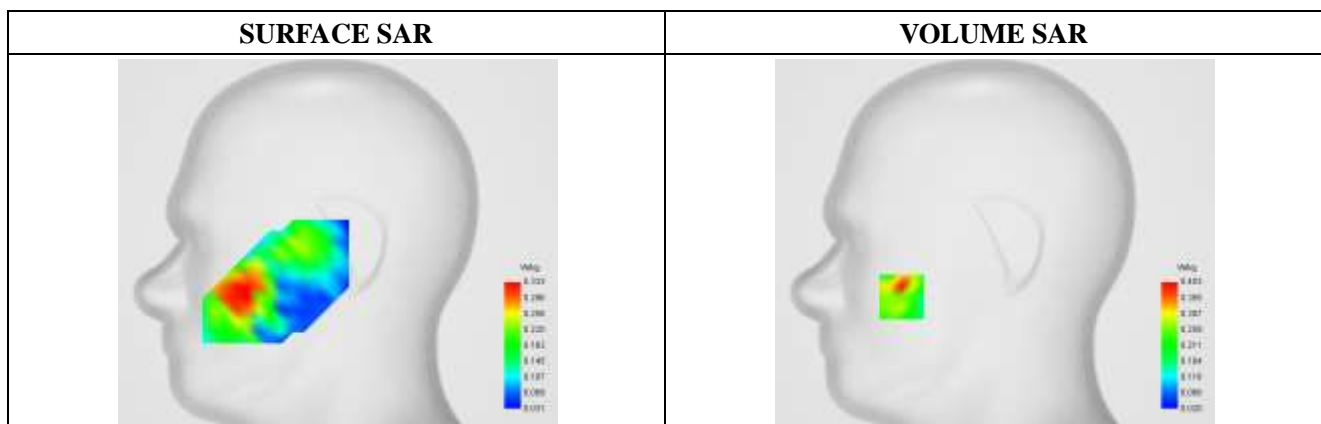
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.32
Variation (%)	-0.18

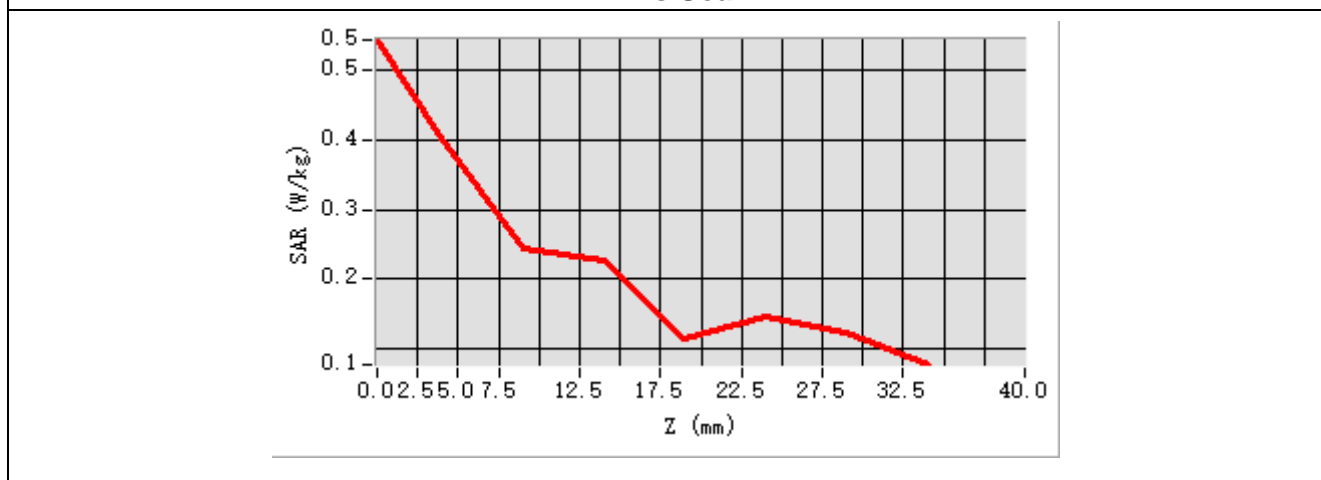
Maximum location: X=-66.00, Y=-39.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.221409
SAR 1g (W/Kg)	0.388352



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/10/2023

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)

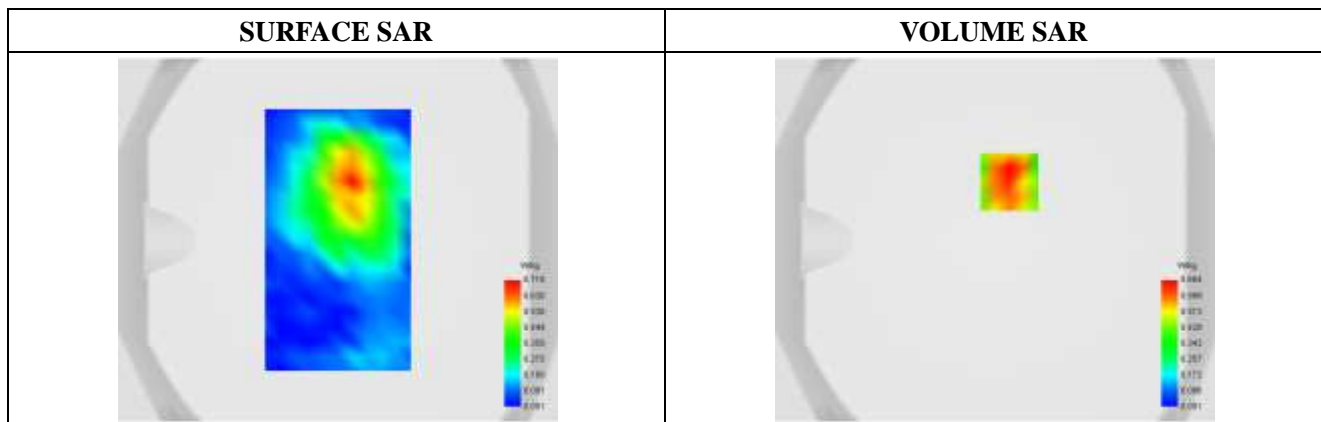
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	40.83
Conductivity (S/m)	1.32
Variation (%)	0.47

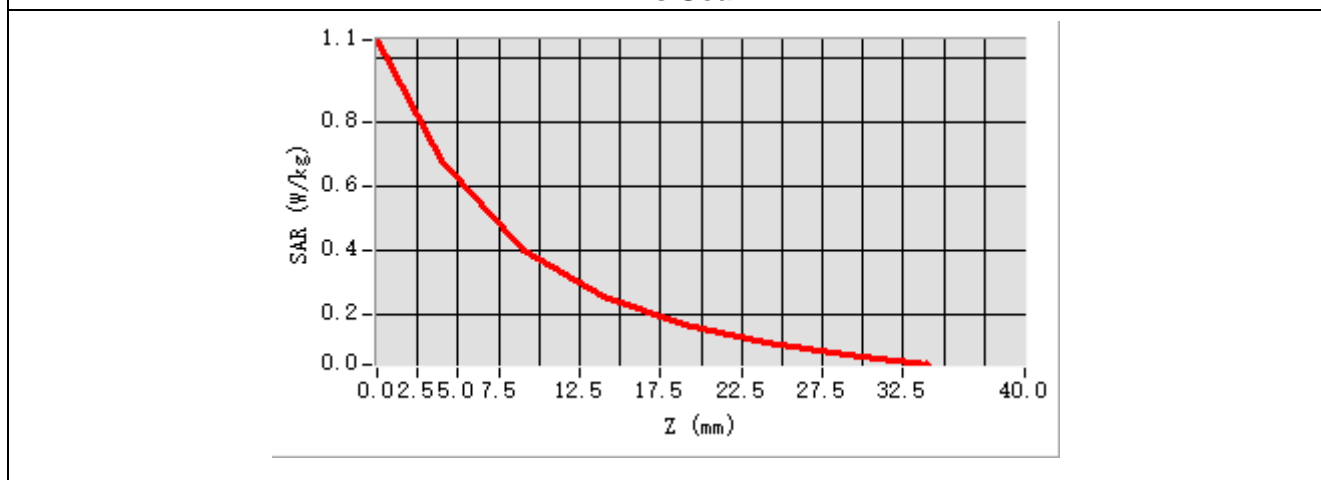
Maximum location: X=8.00, Y=32.00

SAR Peak: 1.17 W/kg

SAR 10g (W/Kg)	0.352805
SAR 1g (W/Kg)	0.665148



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/08/2023

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)

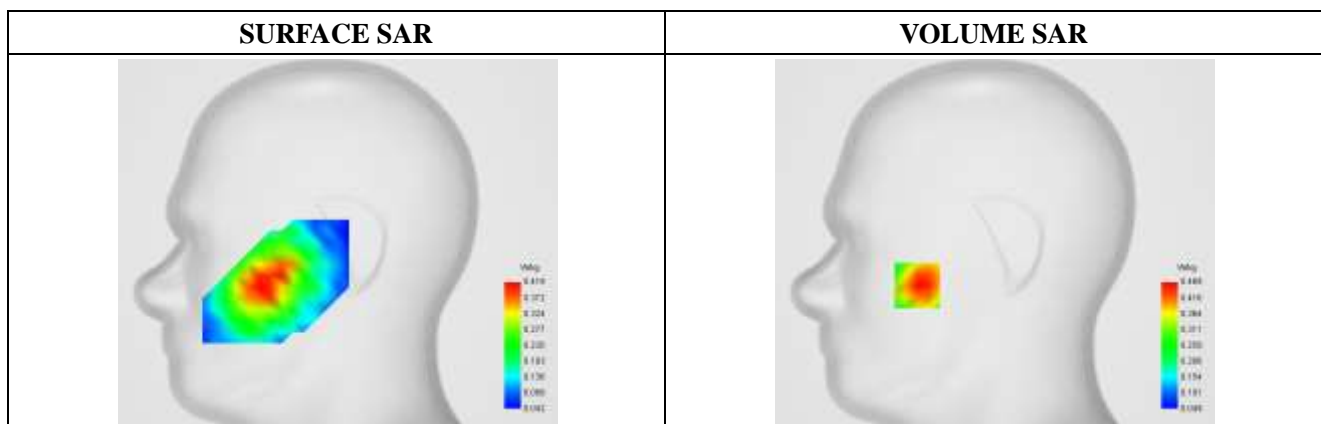
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	1.55

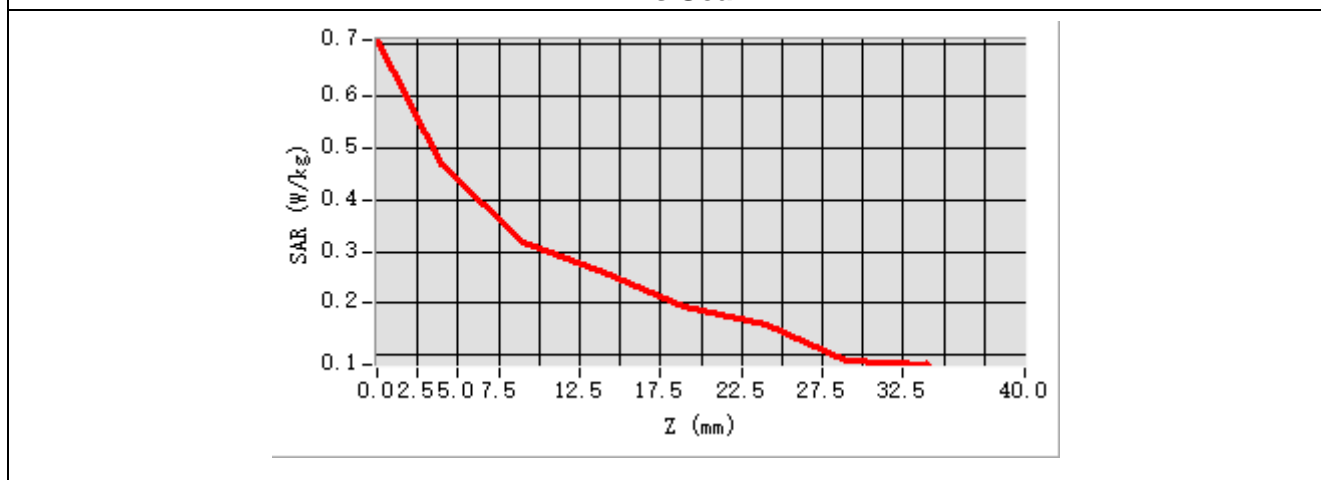
Maximum location: X=-55.00, Y=-31.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.302296
SAR 1g (W/Kg)	0.469813



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/08/2023

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)

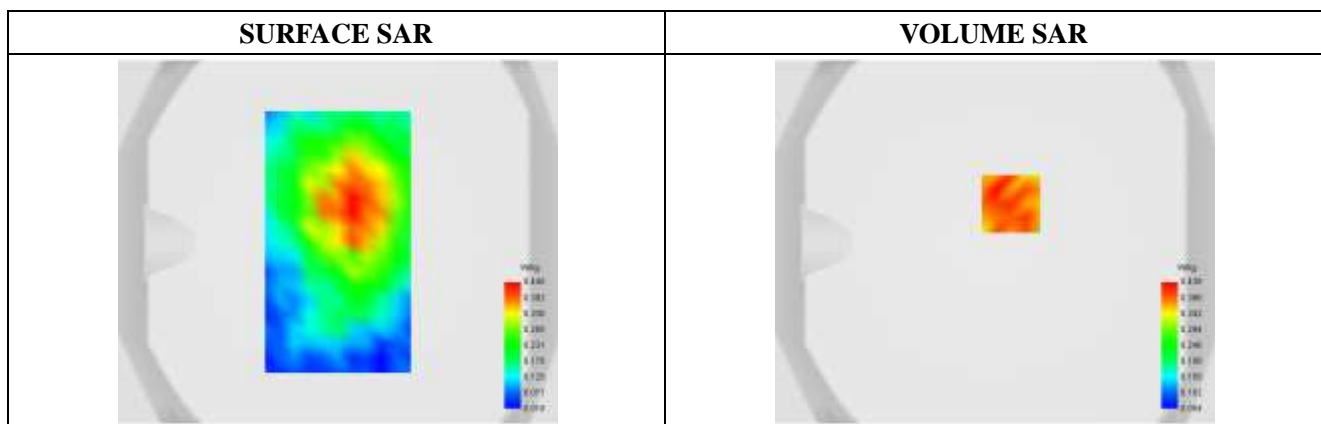
B. SAR Measurement Results

Frequency (MHz)	836.6
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	1.12

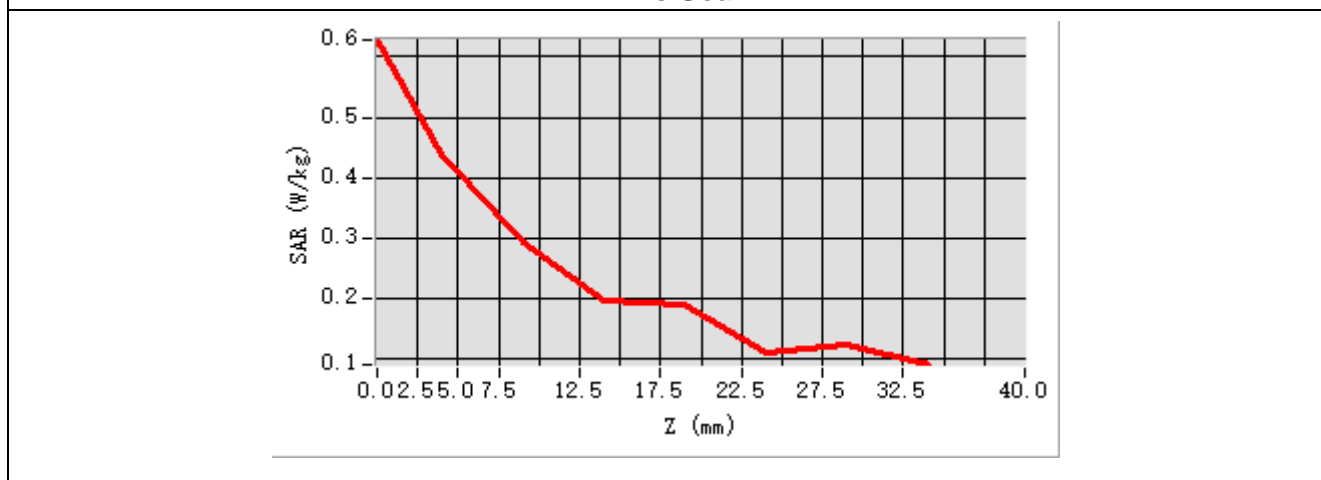
Maximum location: X=9.00, Y=21.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.293357
SAR 1g (W/Kg)	0.414085



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/15/2023

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	Right Head
Device Position	Cheek
Band	LTE Band 7
Channels	Middle
Signal	LTE(Crest factor: 1.0)

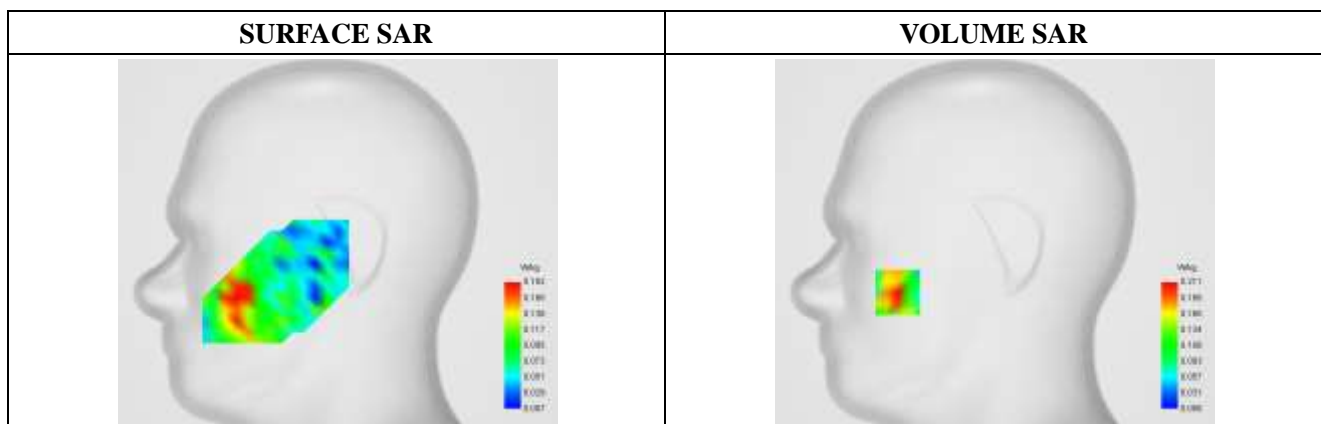
B. SAR Measurement Results

Frequency (MHz)	2535.0
Relative permittivity (real part)	39.45
Conductivity (S/m)	1.84
Variation (%)	-2.04

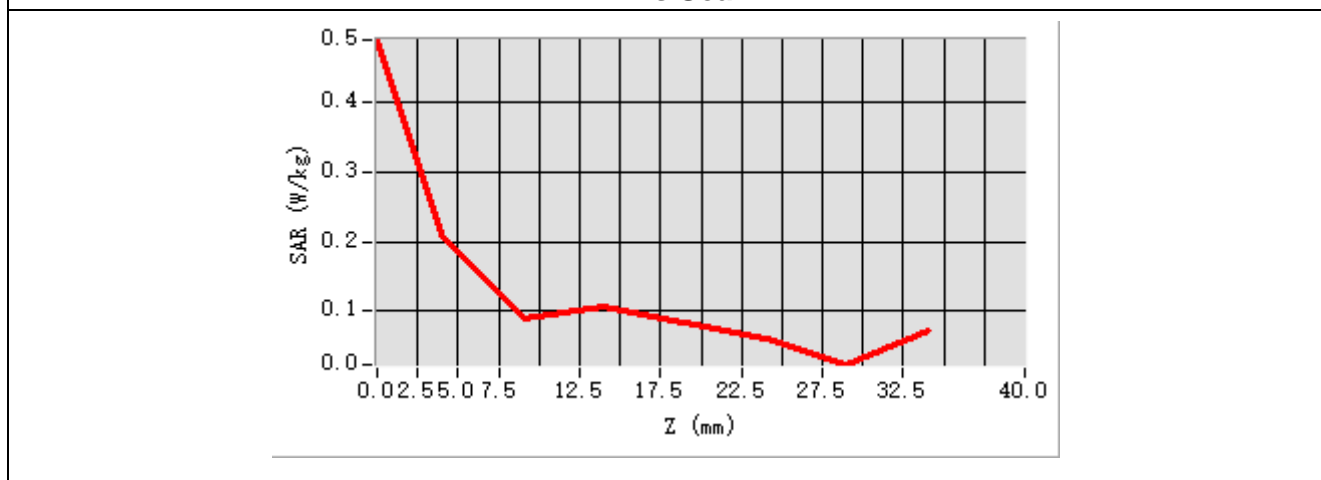
Maximum location: X=-69.00, Y=-36.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.118727
SAR 1g (W/Kg)	0.241052



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/15/2023

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)

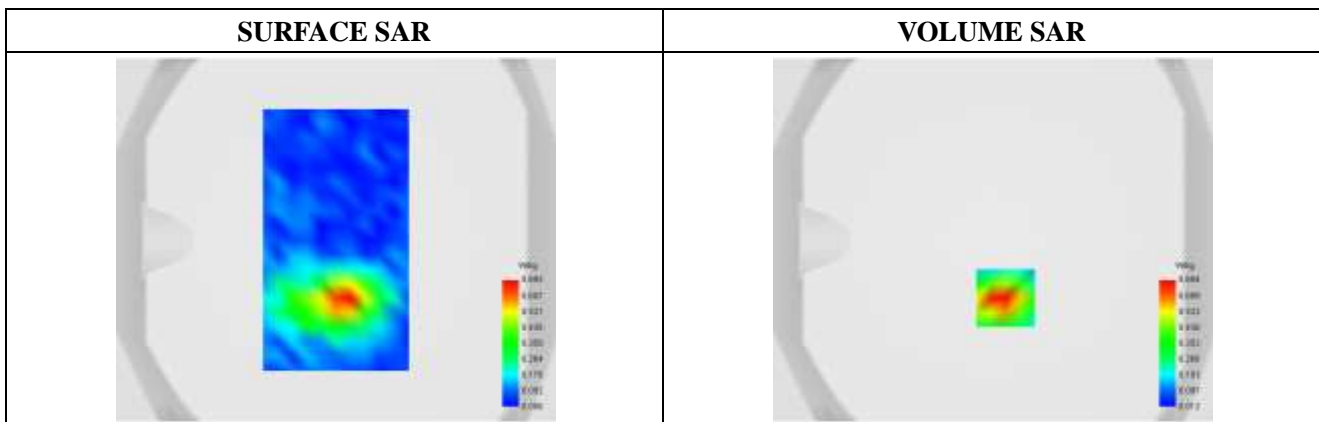
B. SAR Measurement Results

Frequency (MHz)	2535.0
Relative permittivity (real part)	39.45
Conductivity (S/m)	1.84
Variation (%)	-0.55

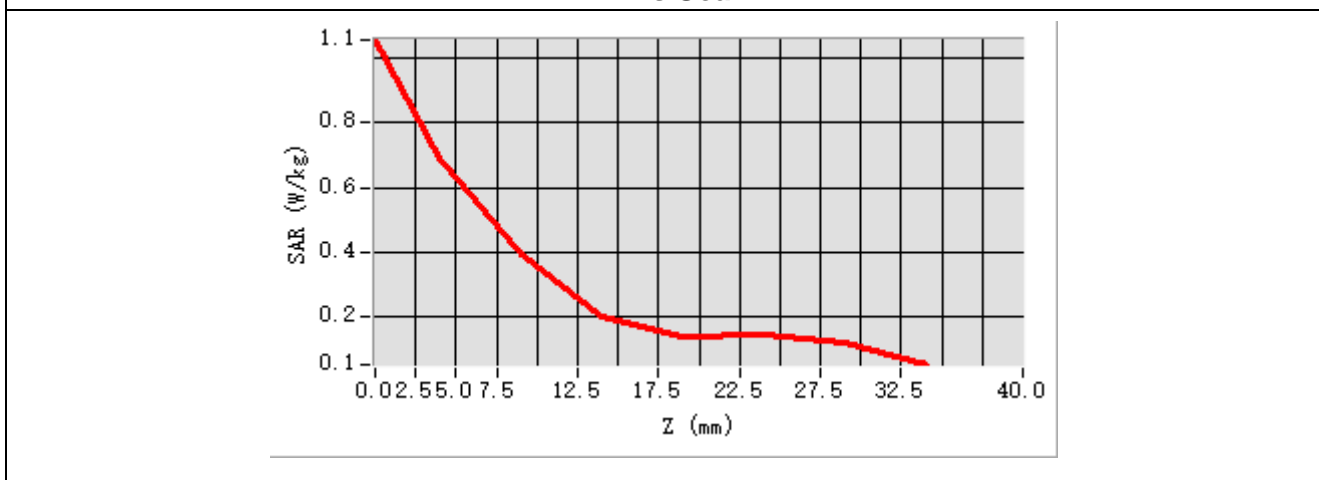
Maximum location: X=7.00, Y=-32.00

SAR Peak: 1.07 W/kg

SAR 10g (W/Kg)	0.343841
SAR 1g (W/Kg)	0.642916



Z Axis Scan



Testing result (LTE Band 7 ANT 3, Bottom, Low, 10mm)

Type: phone measurement

Date of measurement: 08/15/2023

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	Low
Signal	LTE(Crest factor: 1.0)

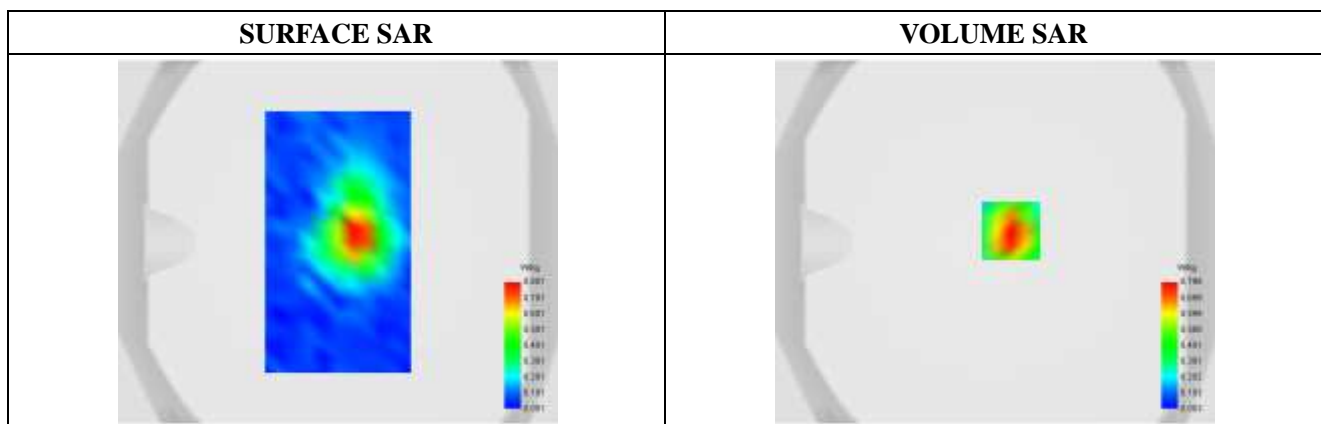
B. SAR Measurement Results

Frequency (MHz)	2510.0
Relative permittivity (real part)	39.50
Conductivity (S/m)	1.82
Variation (%)	-0.89

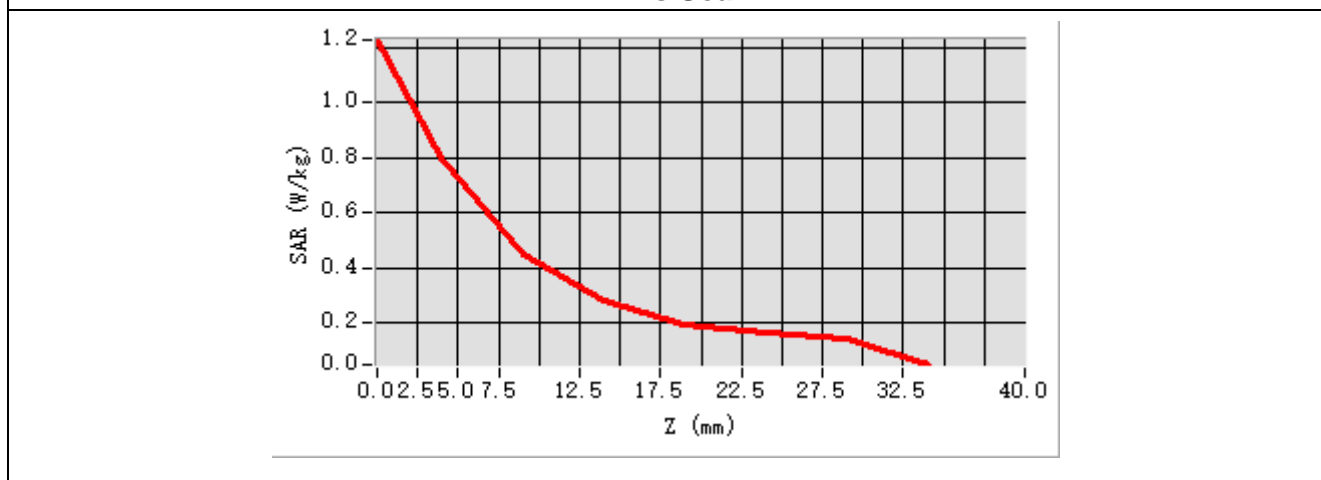
Maximum location: X=9.00, Y=6.00

SAR Peak: 1.24 W/kg

SAR 10g (W/Kg)	0.402745
SAR 1g (W/Kg)	0.754284



Z Axis Scan



Testing result (LTE Band 12 ANT 3, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/17/2023

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 12
Channels	Middle
Signal	LTE(Crest factor: 1.0)

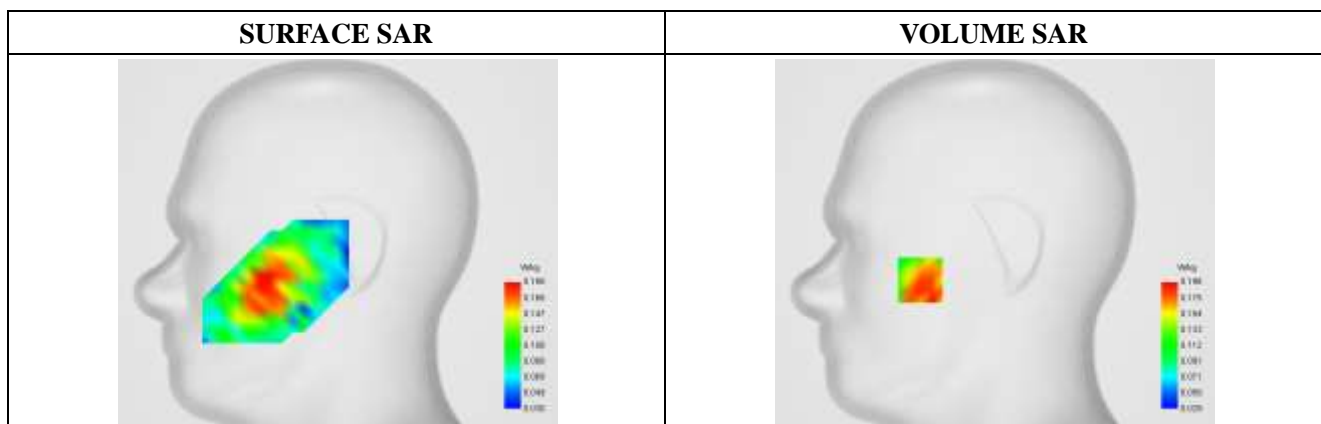
B. SAR Measurement Results

Frequency (MHz)	707.5
Relative permittivity (real part)	41.23
Conductivity (S/m)	0.88
Variation (%)	-0.12

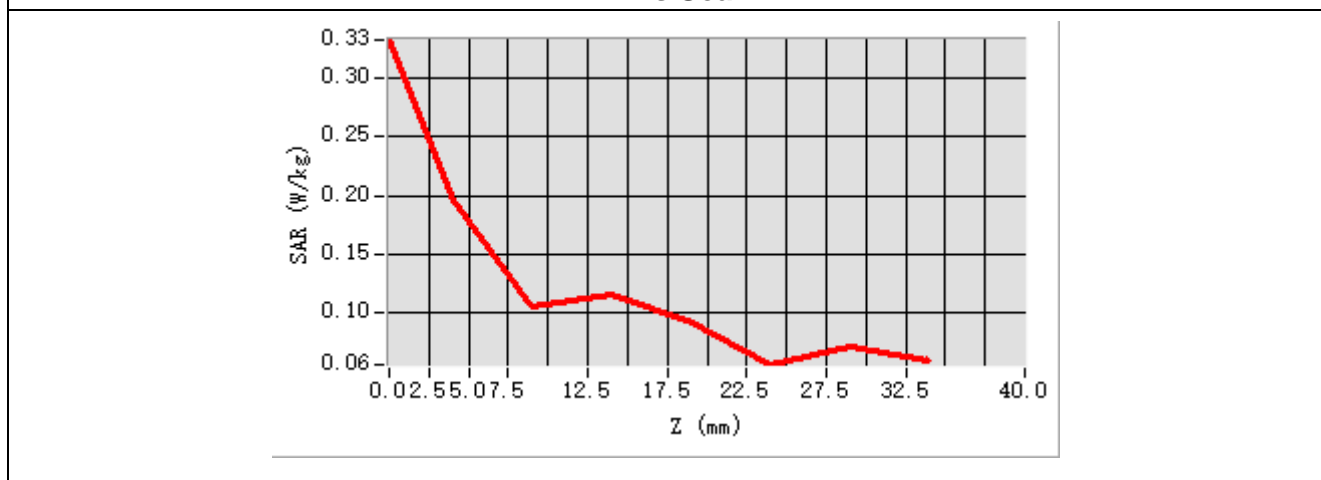
Maximum location: X=-53.00, Y=-27.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.109456
SAR 1g (W/Kg)	0.191756



Z Axis Scan



Testing result (LTE Band 12 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/17/2023

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 12
Channels	Middle
Signal	LTE(Crest factor: 1.0)

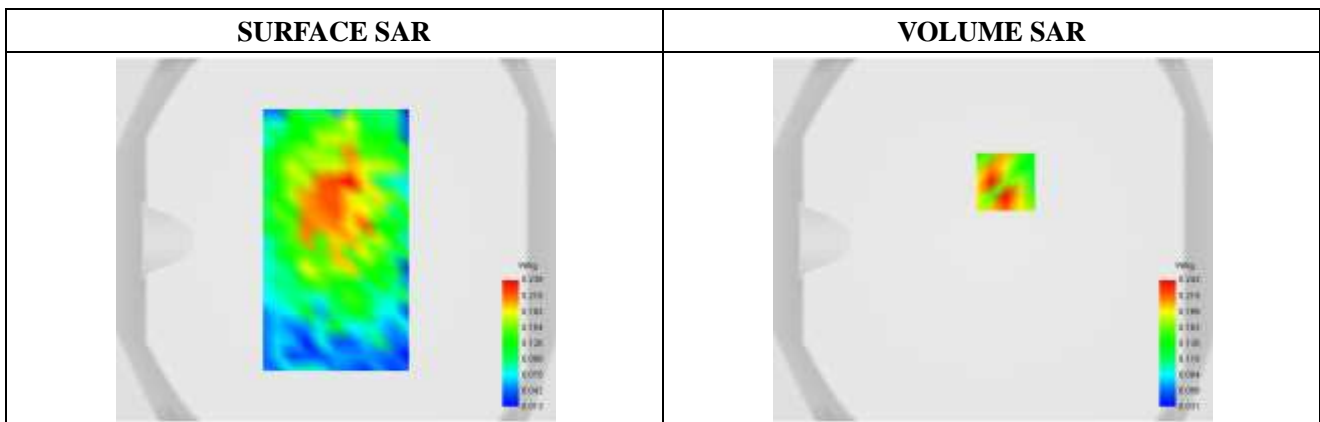
B. SAR Measurement Results

Frequency (MHz)	707.5
Relative permittivity (real part)	41.23
Conductivity (S/m)	0.88
Variation (%)	-0.43

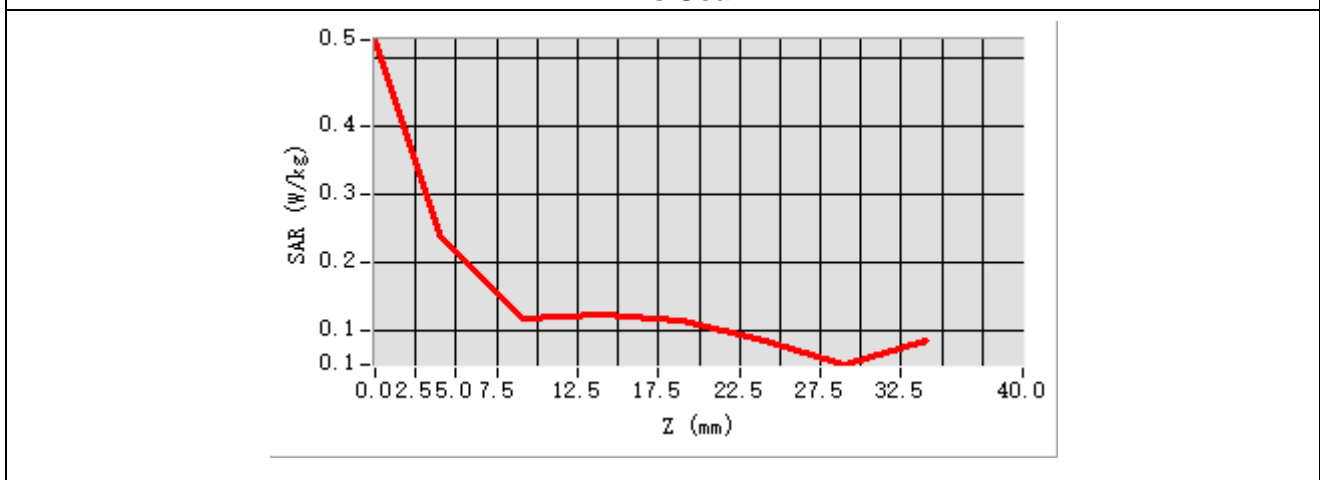
Maximum location: X=7.00, Y=32.00

SAR Peak: 0.42 W/kg

SAR 10g (W/Kg)	0.136685
SAR 1g (W/Kg)	0.244220



Z Axis Scan



Testing result (LTE Band 13 ANT 3, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/17/2023

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 13
Channels	Middle
Signal	LTE(Crest factor: 1.0)

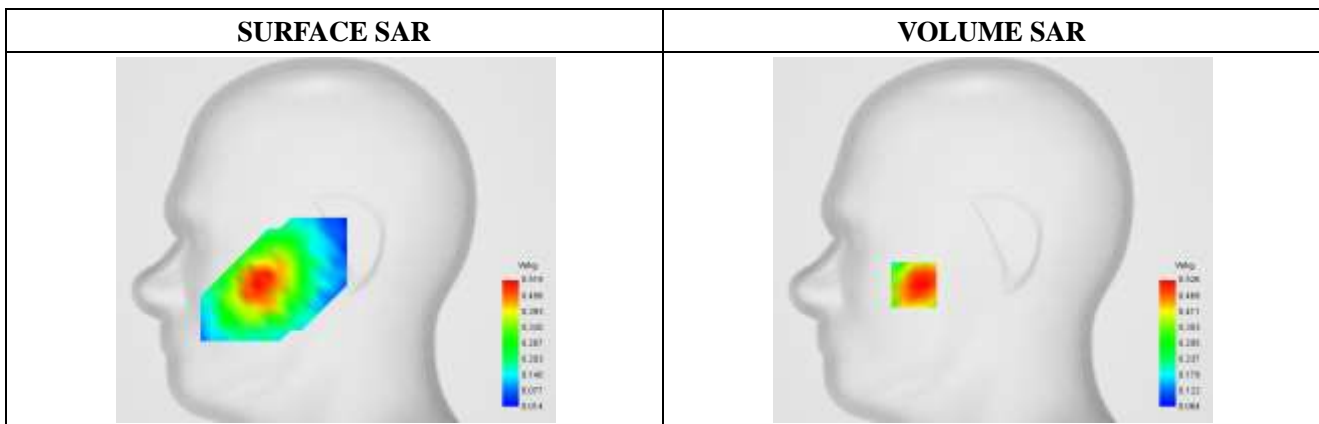
B. SAR Measurement Results

Frequency (MHz)	782.0
Relative permittivity (real part)	41.05
Conductivity (S/m)	0.91
Variation (%)	-0.47

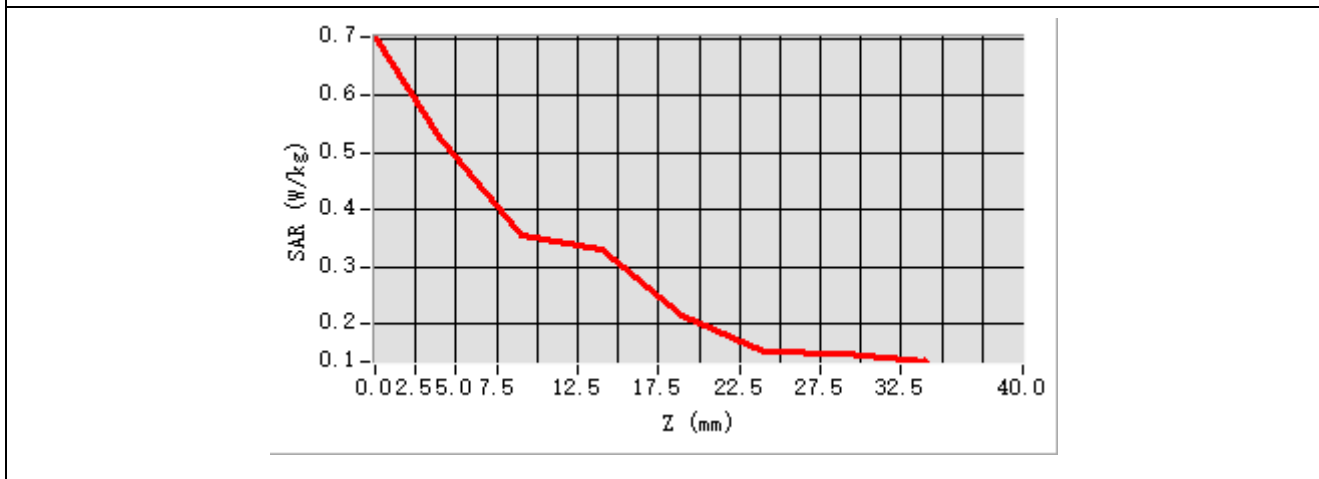
Maximum location: X=-56.00, Y=-32.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.353117
SAR 1g (W/Kg)	0.510429



Z Axis Scan



Testing result (LTE Band 13 ANT 3, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/17/2023

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 13
Channels	Middle
Signal	LTE(Crest factor: 1.0)

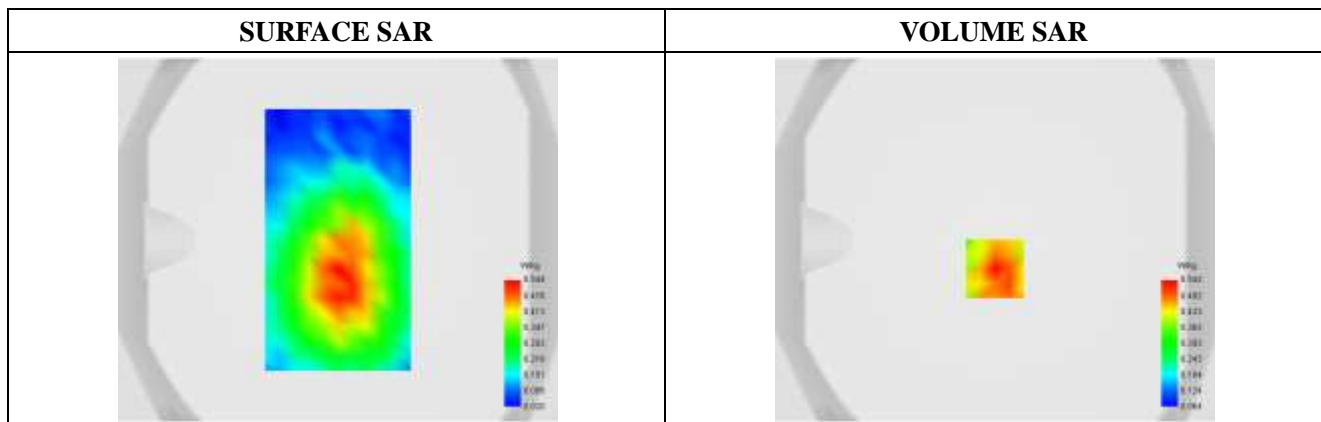
B. SAR Measurement Results

Frequency (MHz)	782.0
Relative permittivity (real part)	41.05
Conductivity (S/m)	0.91
Variation (%)	-2.08

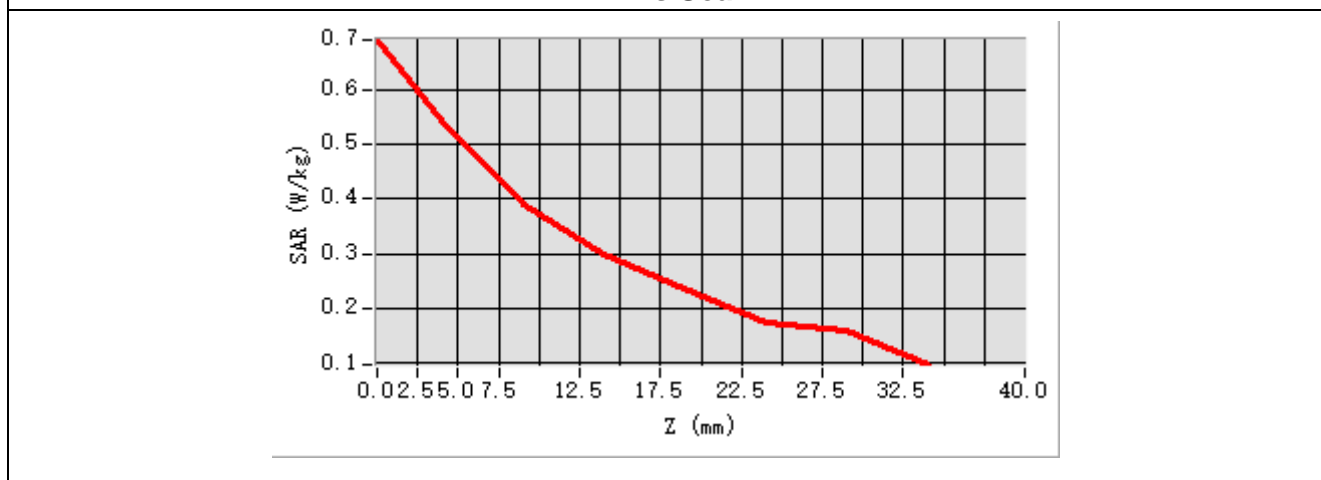
Maximum location: X=0.00, Y=-16.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.350741
SAR 1g (W/Kg)	0.522476



Z Axis Scan



Testing result (LTE Band 17 ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/17/2023

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	LTE Band 17
Channels	Middle
Signal	LTE(Crest factor: 1.0)

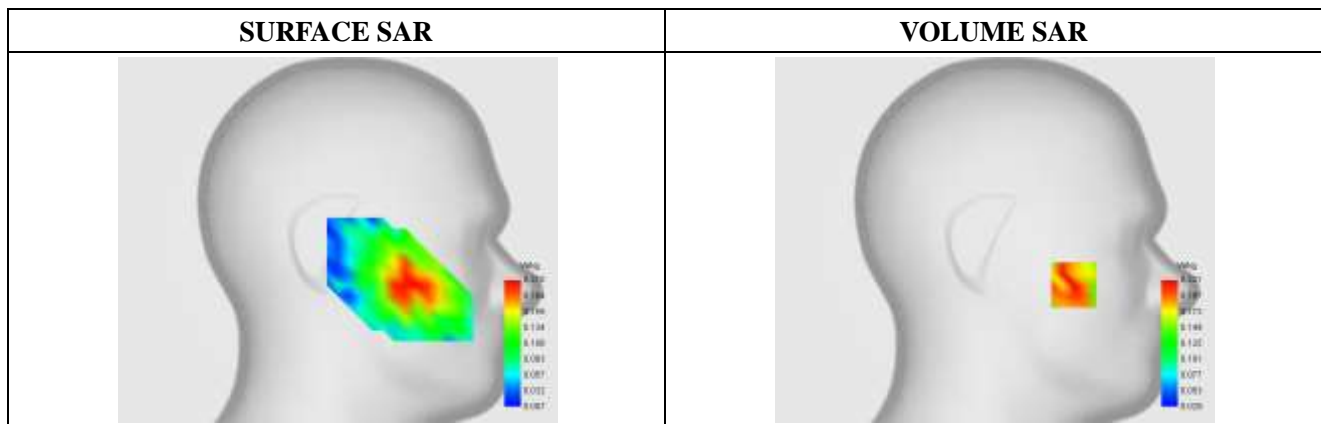
B. SAR Measurement Results

Frequency (MHz)	710.0
Relative permittivity (real part)	41.22
Conductivity (S/m)	0.88
Variation (%)	-0.20

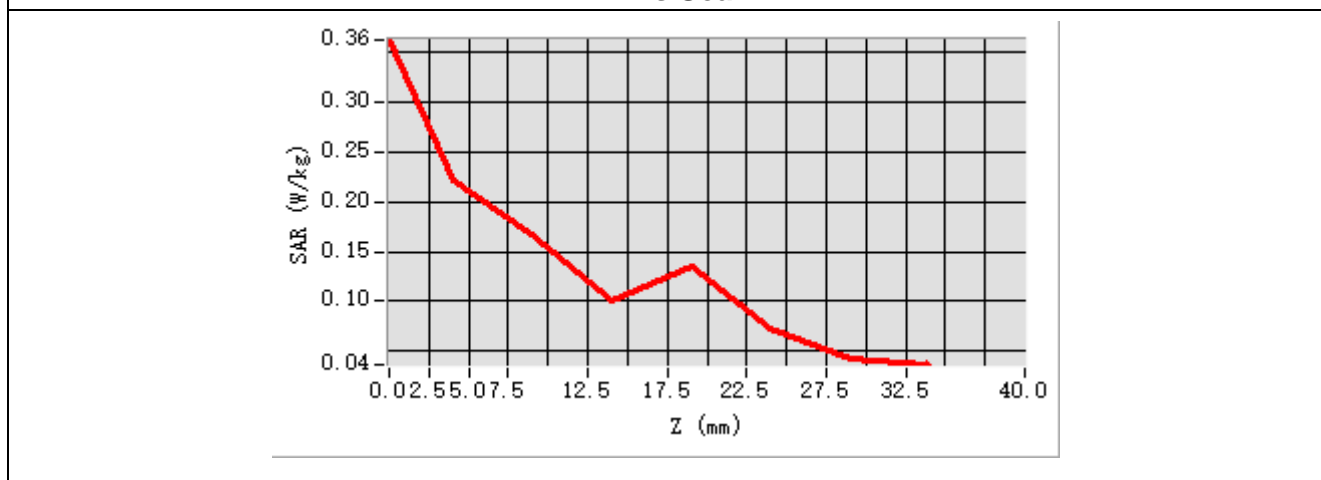
Maximum location: X=-56.00, Y=-32.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.158605
SAR 1g (W/Kg)	0.231071



Z Axis Scan



Testing result (LTE Band 17 ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/17/2023

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 17
Channels	Middle
Signal	LTE(Crest factor: 1.0)

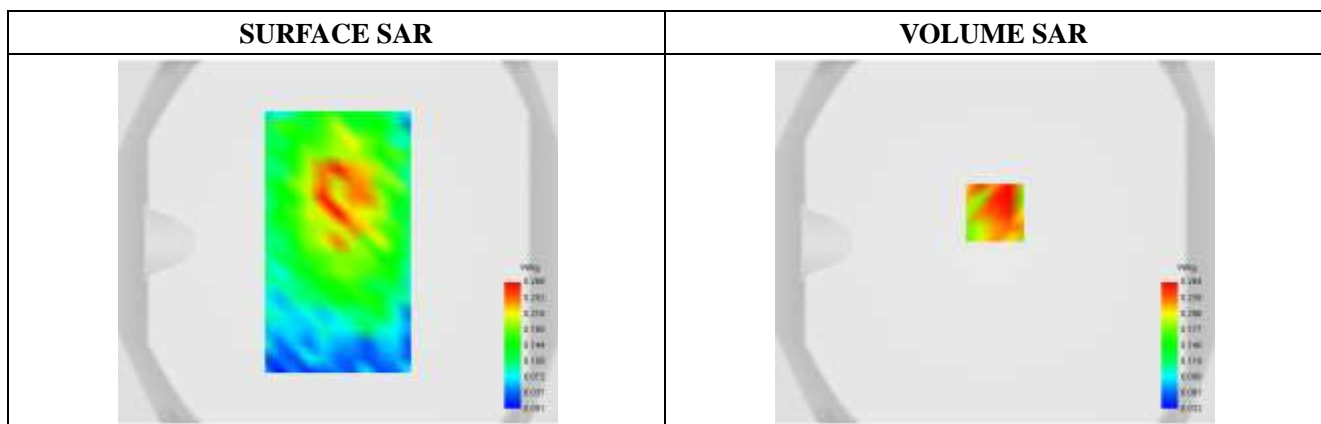
B. SAR Measurement Results

Frequency (MHz)	710.0
Relative permittivity (real part)	41.22
Conductivity (S/m)	0.88
Variation (%)	-3.37

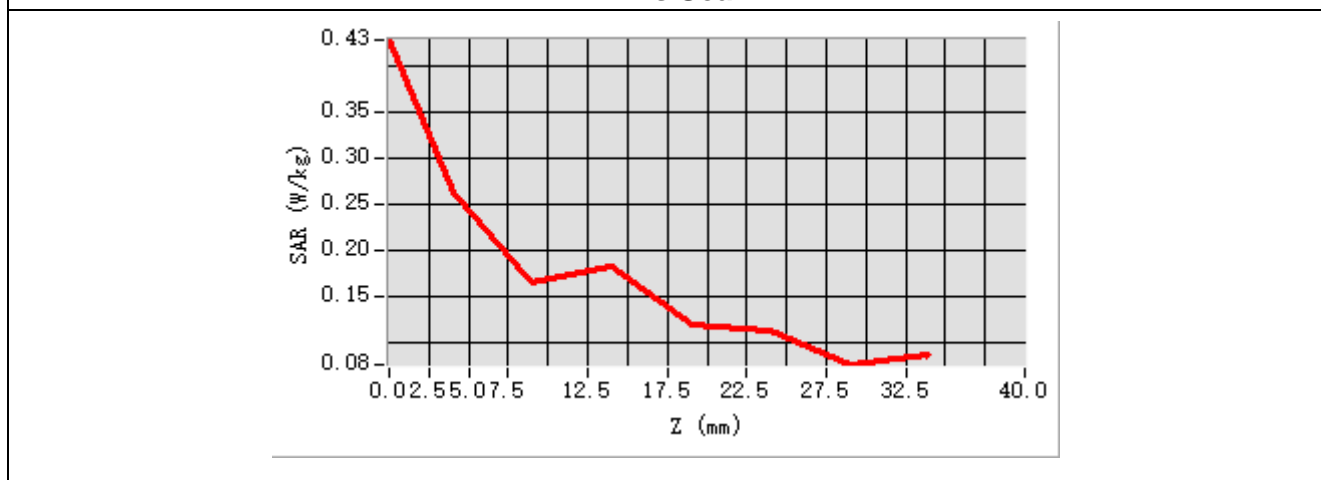
Maximum location: X=0.00, Y=16.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.175251
SAR 1g (W/Kg)	0.267089



Z Axis Scan



Testing result (LTE Band 26(Part 22) ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/08/2023

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	LTE Band 26
Channels	Middle
Signal	LTE(Crest factor: 1.0)

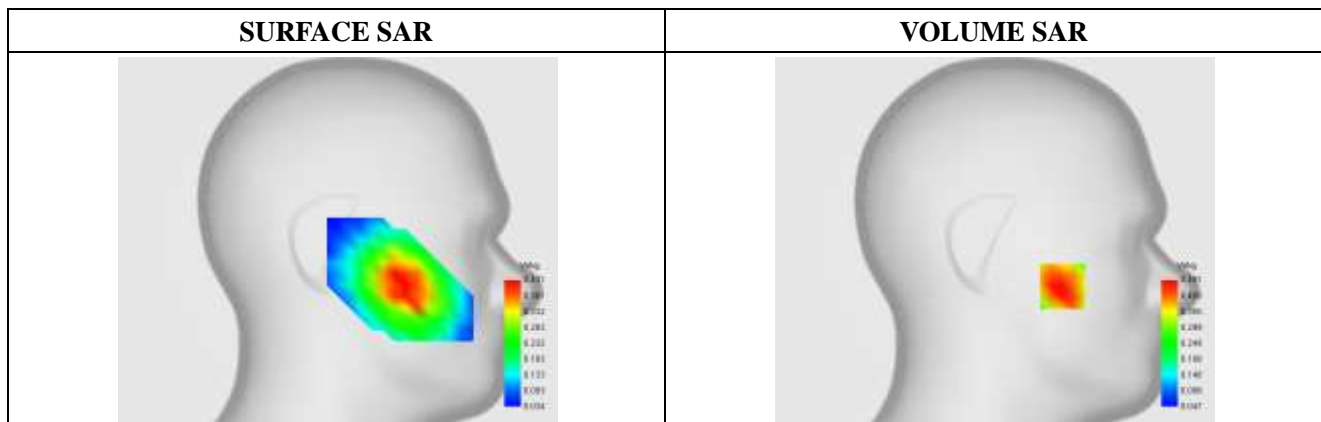
B. SAR Measurement Results

Frequency (MHz)	836.5
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	-2.57

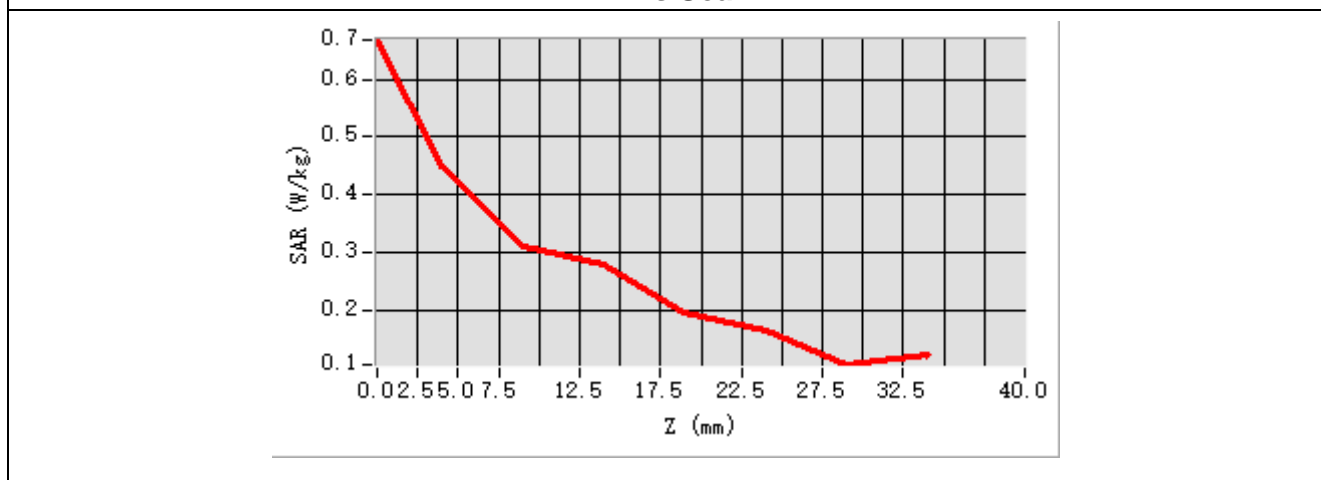
Maximum location: X=-48.00, Y=-33.00

SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.304954
SAR 1g (W/Kg)	0.445226



Z Axis Scan



Testing result (LTE Band 26(Part 22) ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/08/2023

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 26
Channels	Middle
Signal	LTE(Crest factor: 1.0)

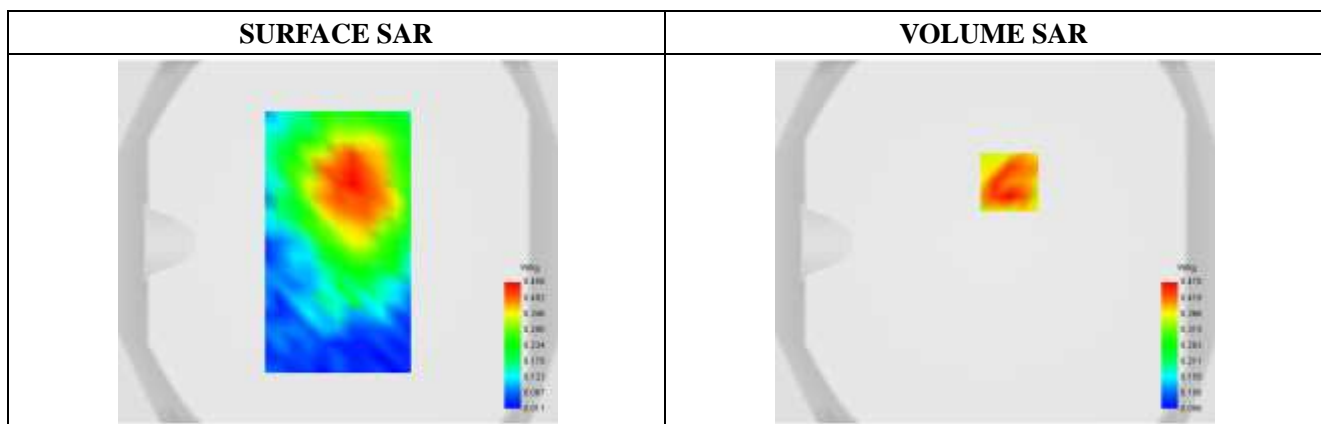
B. SAR Measurement Results

Frequency (MHz)	836.5
Relative permittivity (real part)	40.87
Conductivity (S/m)	0.89
Variation (%)	-2.78

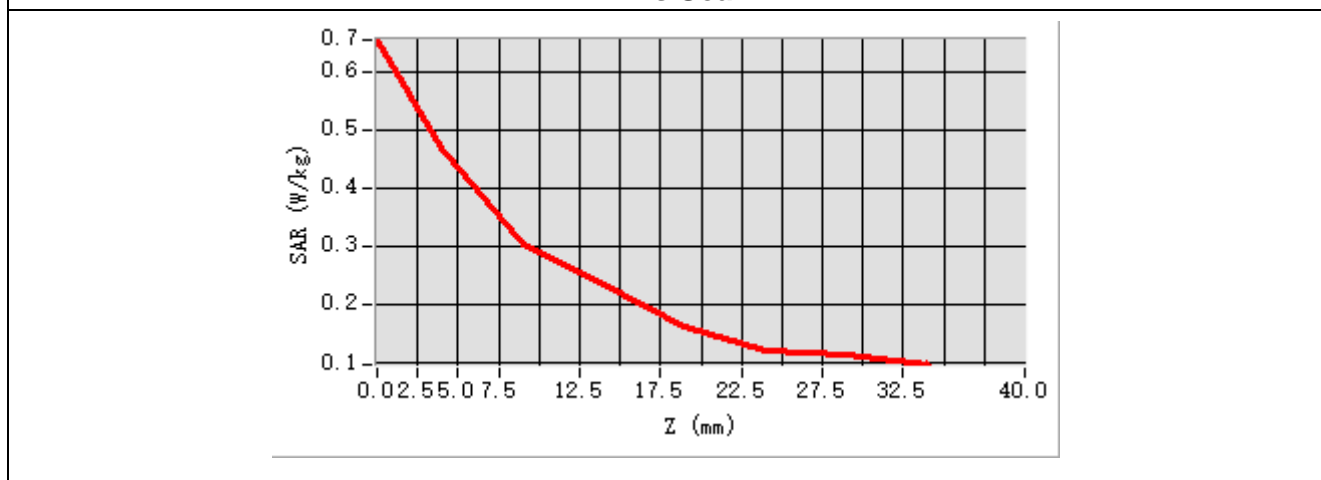
Maximum location: X=8.00, Y=33.00

SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.293347
SAR 1g (W/Kg)	0.436904



Z Axis Scan



Testing result (LTE Band 26(Part 90) ANT 3, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/08/2023

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	LTE Band 26
Channels	Middle
Signal	LTE(Crest factor: 1.0)

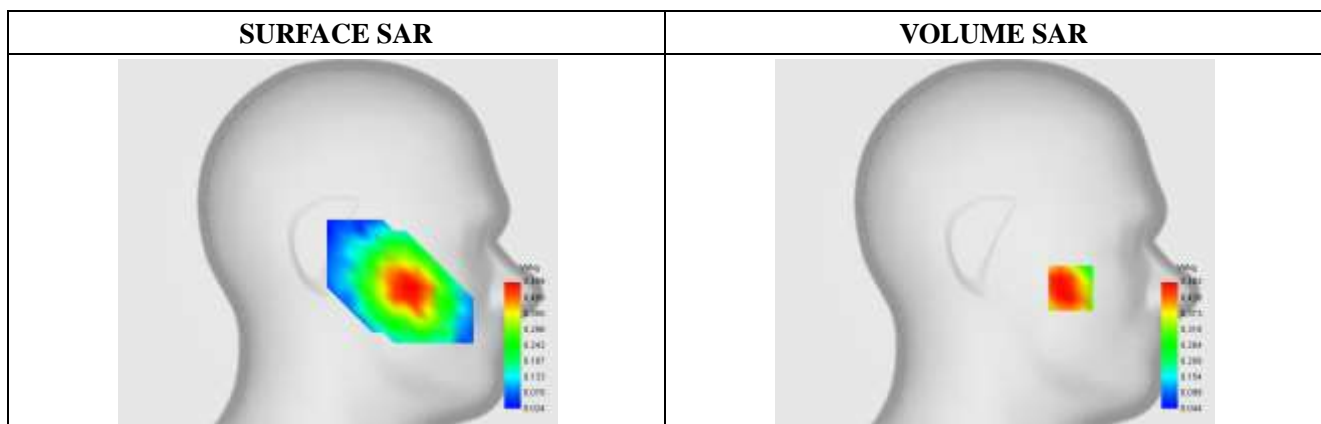
B. SAR Measurement Results

Frequency (MHz)	819.0
Relative permittivity (real part)	40.90
Conductivity (S/m)	0.88
Variation (%)	1.23

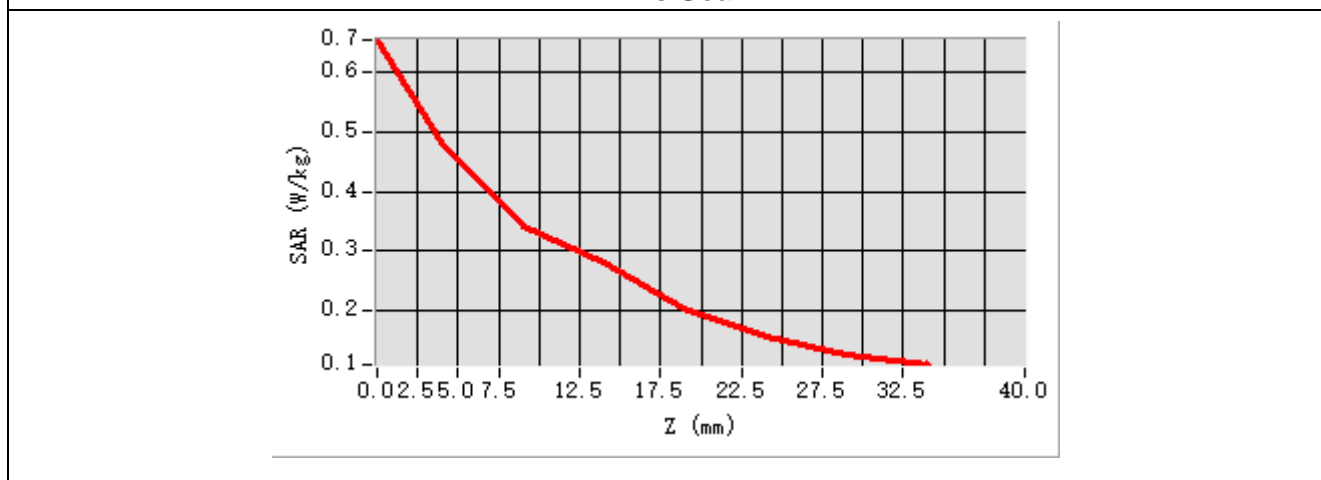
Maximum location: X=-54.00, Y=-33.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.318451
SAR 1g (W/Kg)	0.480839



Z Axis Scan



Testing result (LTE Band 26(Part 90) ANT 3, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/08/2023

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 26
Channels	Middle
Signal	LTE(Crest factor: 1.0)

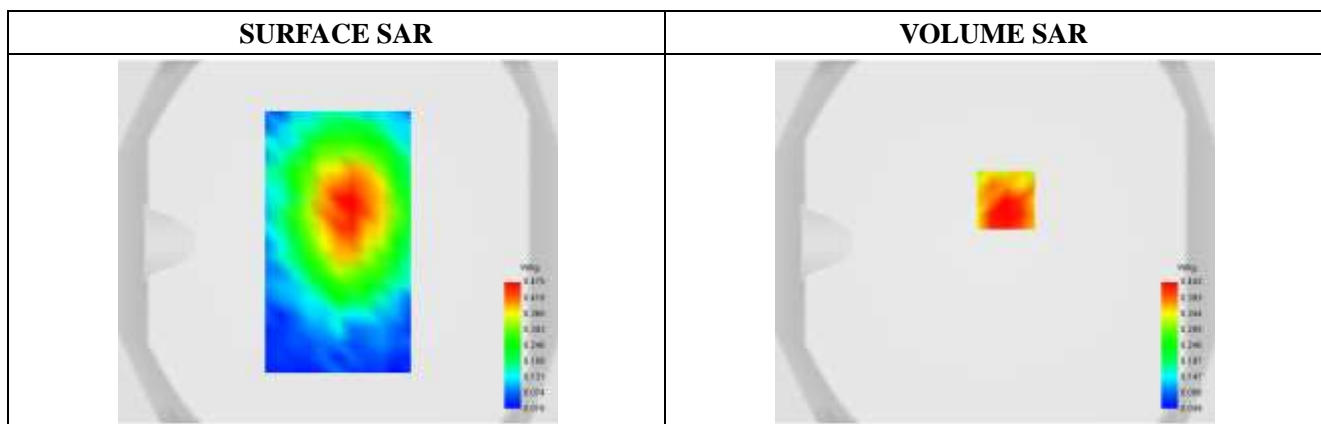
B. SAR Measurement Results

Frequency (MHz)	819.0
Relative permittivity (real part)	40.90
Conductivity (S/m)	0.88
Variation (%)	-0.36

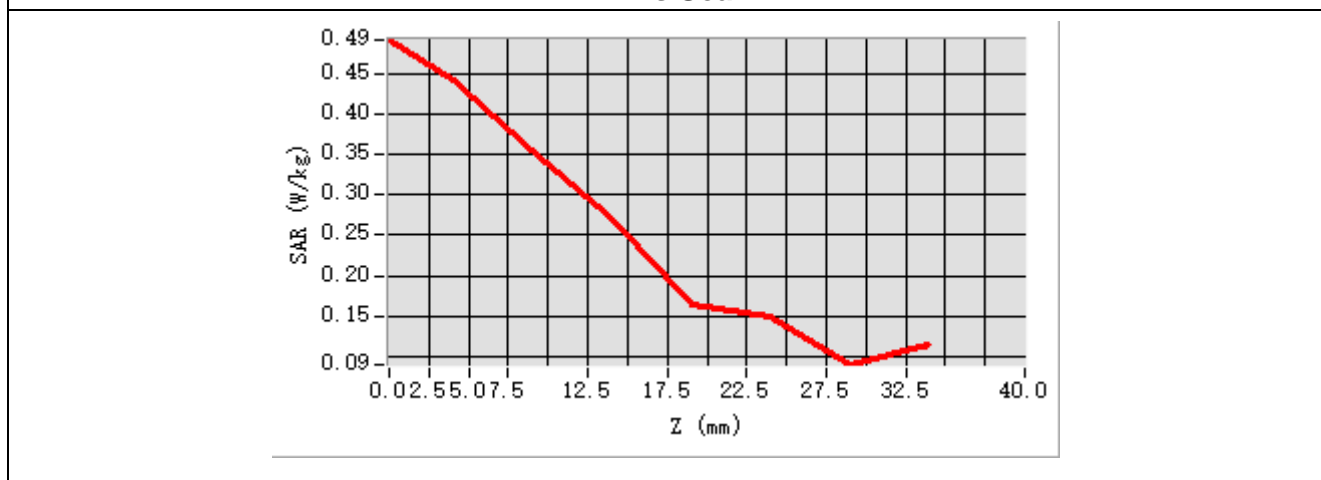
Maximum location: X=6.00, Y=23.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.281264
SAR 1g (W/Kg)	0.427095



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/15/2023

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: 1.0)

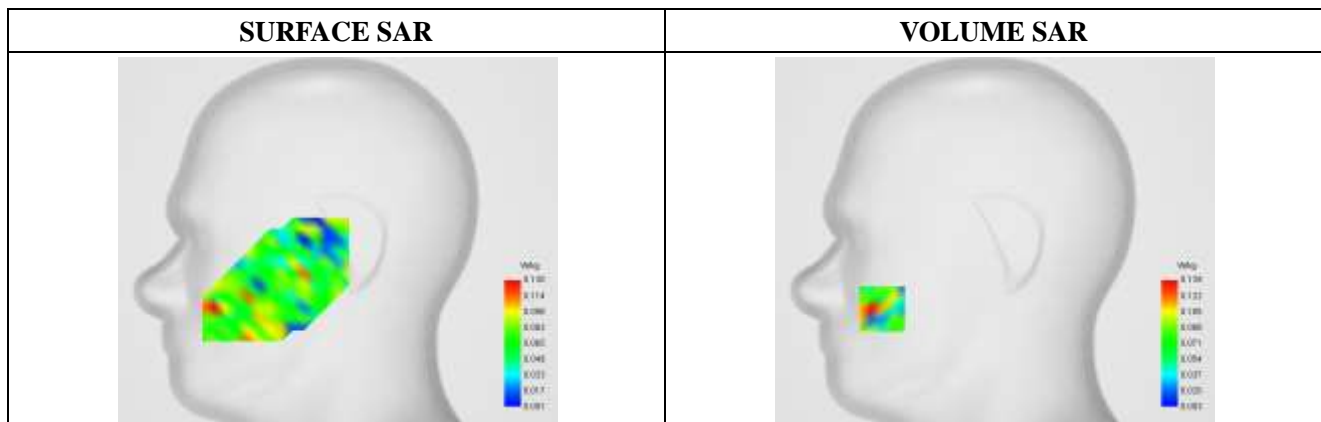
B. SAR Measurement Results

Frequency (MHz)	2605.0
Relative permittivity (real part)	39.33
Conductivity (S/m)	1.89
Variation (%)	-0.76

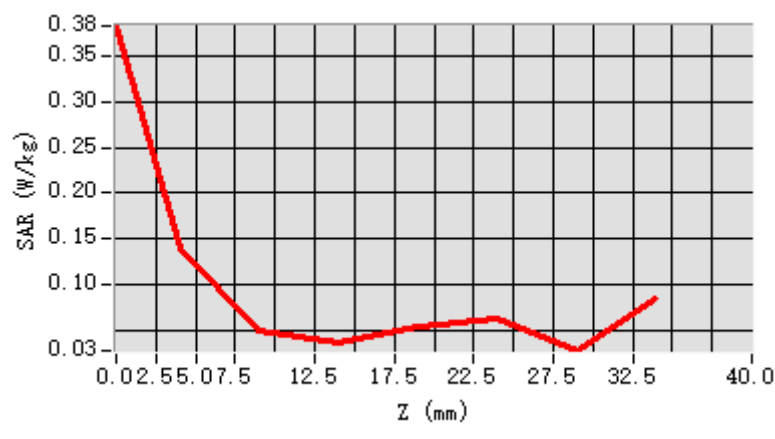
Maximum location: X=-80.00, Y=-49.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.064771
SAR 1g (W/Kg)	0.148294



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/15/2023

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	High
Signal	LTE(Crest factor: 0.633)

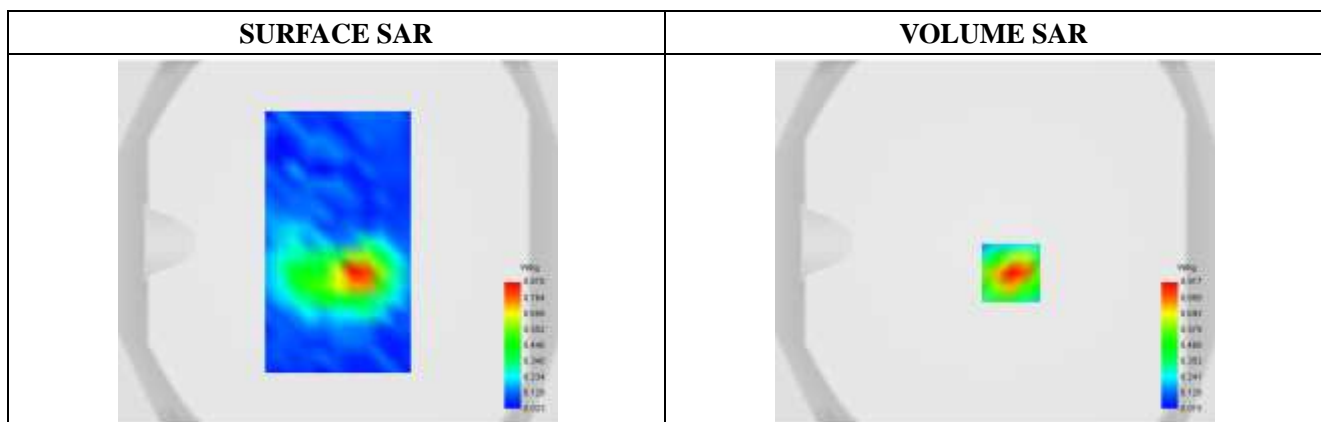
B. SAR Measurement Results

Frequency (MHz)	2645.0
Relative permittivity (real part)	39.21
Conductivity (S/m)	1.92
Variation (%)	1.15

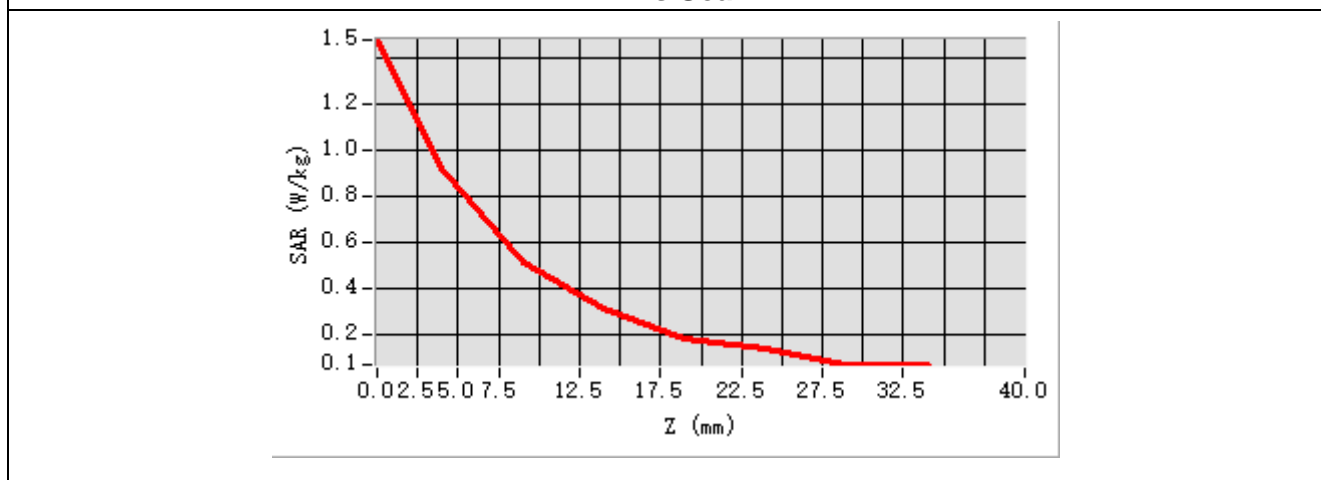
Maximum location: X=9.00, Y=-17.00

SAR Peak: 1.55 W/kg

SAR 10g (W/Kg)	0.426220
SAR 1g (W/Kg)	0.877904



Z Axis Scan



Testing result (LTE Band 41 ANT 3, Bottom, High, 10mm)

Type: phone measurement

Date of measurement: 08/15/2023

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	High
Signal	LTE(Crest factor: 0.633)

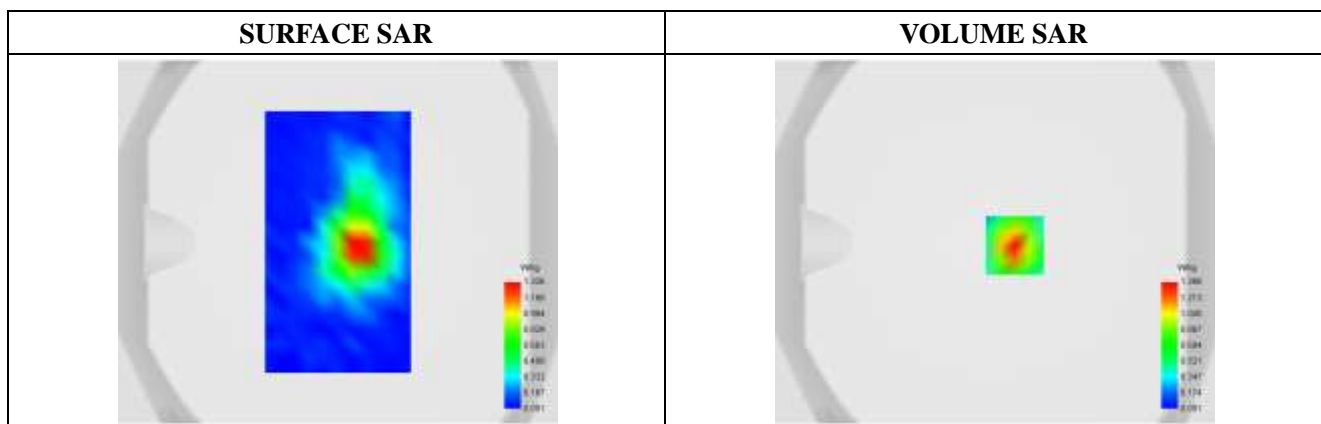
B. SAR Measurement Results

Frequency (MHz)	2645.0
Relative permittivity (real part)	39.21
Conductivity (S/m)	1.92
Variation (%)	-2.04

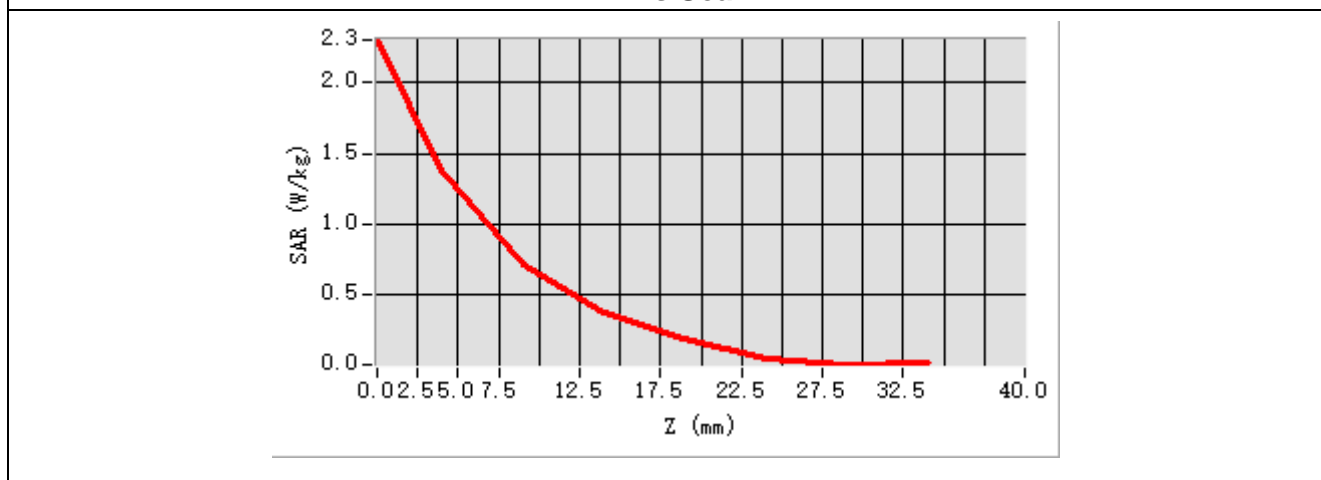
Maximum location: X=11.00, Y=-2.00

SAR Peak: 2.34 W/kg

SAR 10g (W/Kg)	0.490632
SAR 1g (W/Kg)	1.054872



Z Axis Scan



Testing result (LTE Band 66 ANT 3, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/10/2023

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 66
Channels	Middle
Signal	LTE(Crest factor: 1.0)

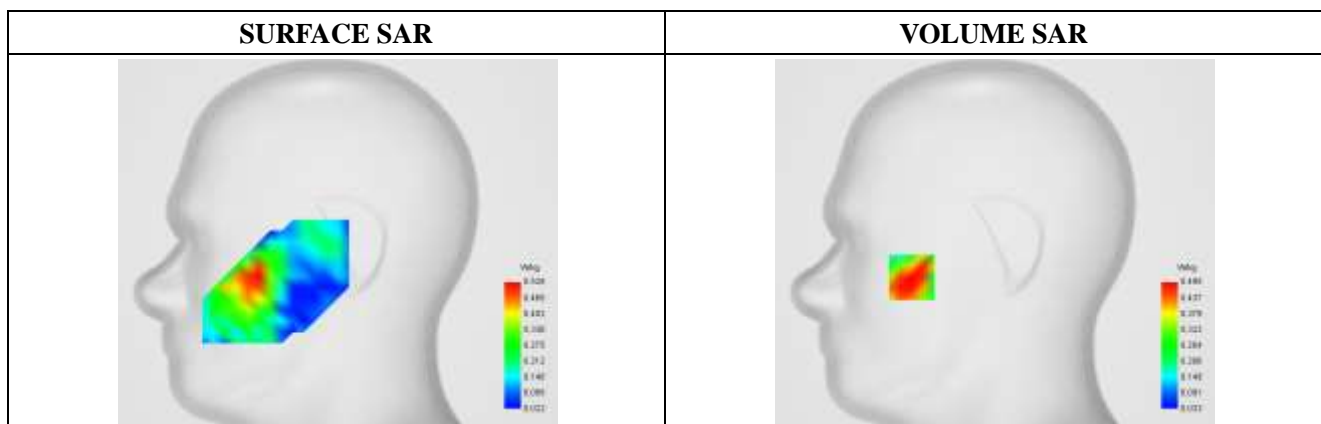
B. SAR Measurement Results

Frequency (MHz)	1745.0
Relative permittivity (real part)	40.61
Conductivity (S/m)	1.36
Variation (%)	-1.31

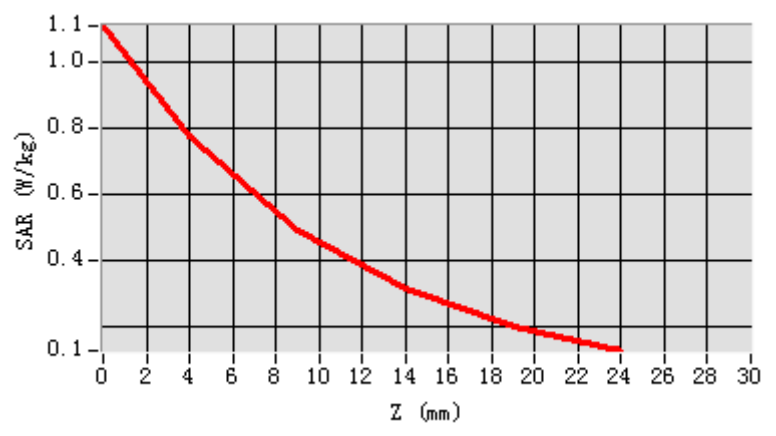
Maximum location: X=-59.00, Y=-25.00

SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.308071
SAR 1g (W/Kg)	0.496594



Z Axis Scan



Testing result (LTE Band 66 ANT 3, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/10/2023

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 66
Channels	Middle
Signal	LTE(Crest factor: 1.0)

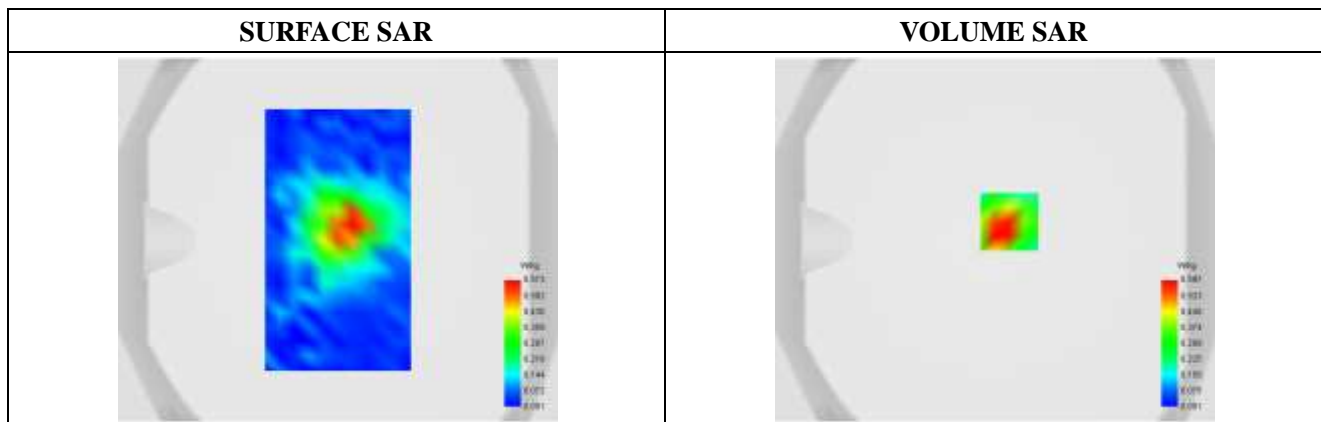
B. SAR Measurement Results

Frequency (MHz)	1745.0
Relative permittivity (real part)	40.61
Conductivity (S/m)	1.36
Variation (%)	1.66

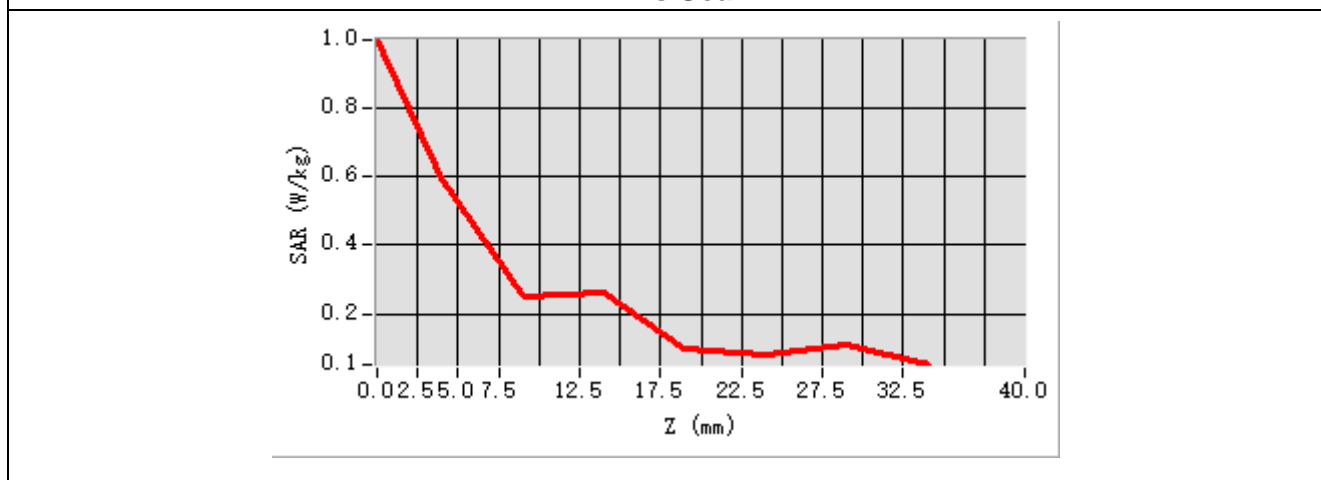
Maximum location: X=8.00, Y=10.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.302189
SAR 1g (W/Kg)	0.603045



Z Axis Scan



Testing result (LTE Band 66 ANT 3, Bottom, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/10/2023

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 66
Channels	Middle
Signal	LTE(Crest factor: 1.0)

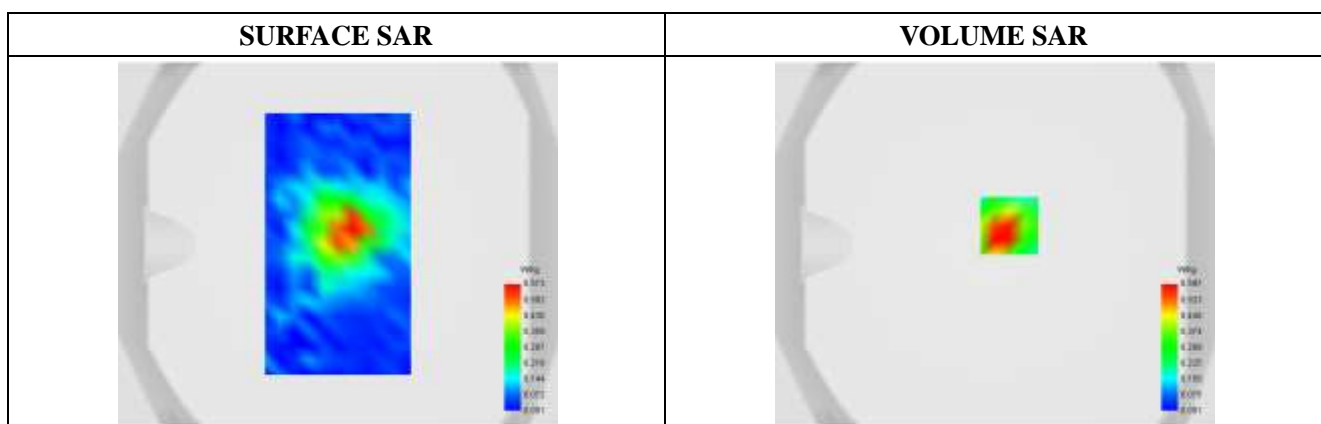
B. SAR Measurement Results

Frequency (MHz)	1745.0
Relative permittivity (real part)	40.61
Conductivity (S/m)	1.36
Variation (%)	-0.54

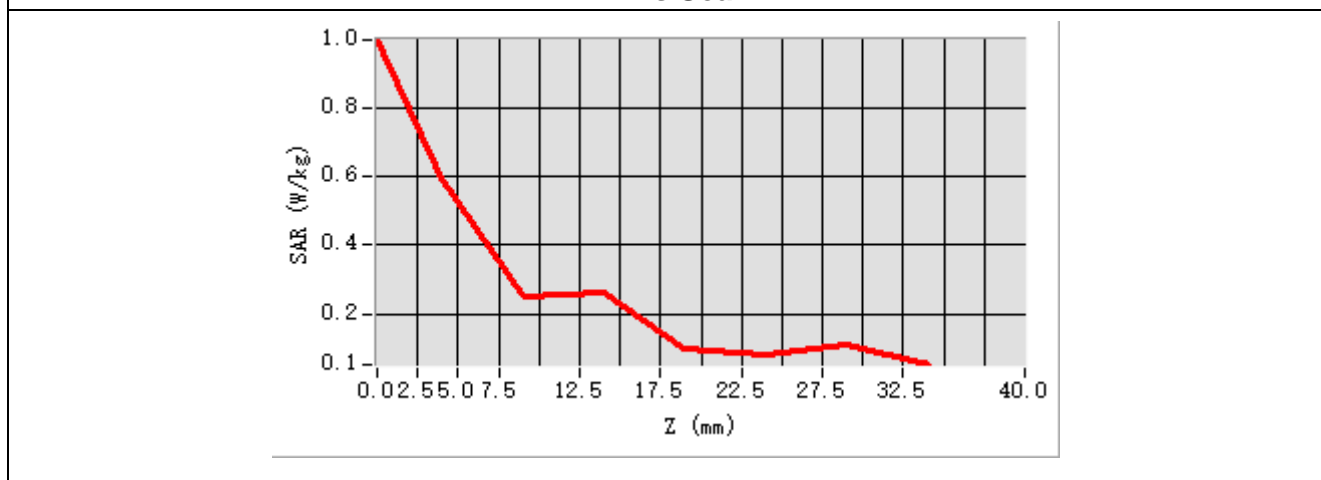
Maximum location: X=8.00, Y=10.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.302284
SAR 1g (W/Kg)	0.625827



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b ANT 2, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/03/2023

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)

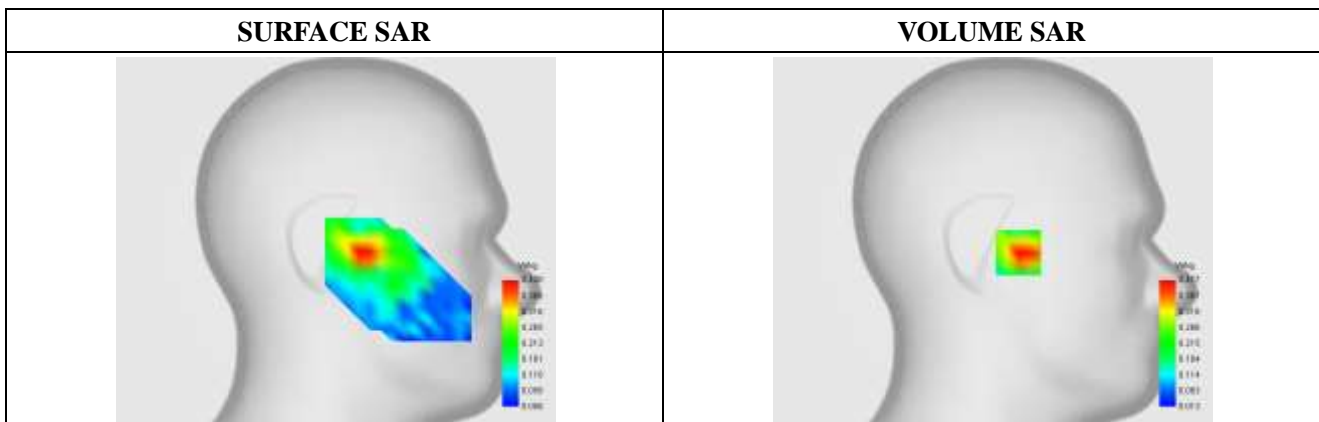
B. SAR Measurement Results

Frequency (MHz)	2437.0
Relative permittivity (real part)	38.72
Conductivity (S/m)	1.84
Variation (%)	0.29

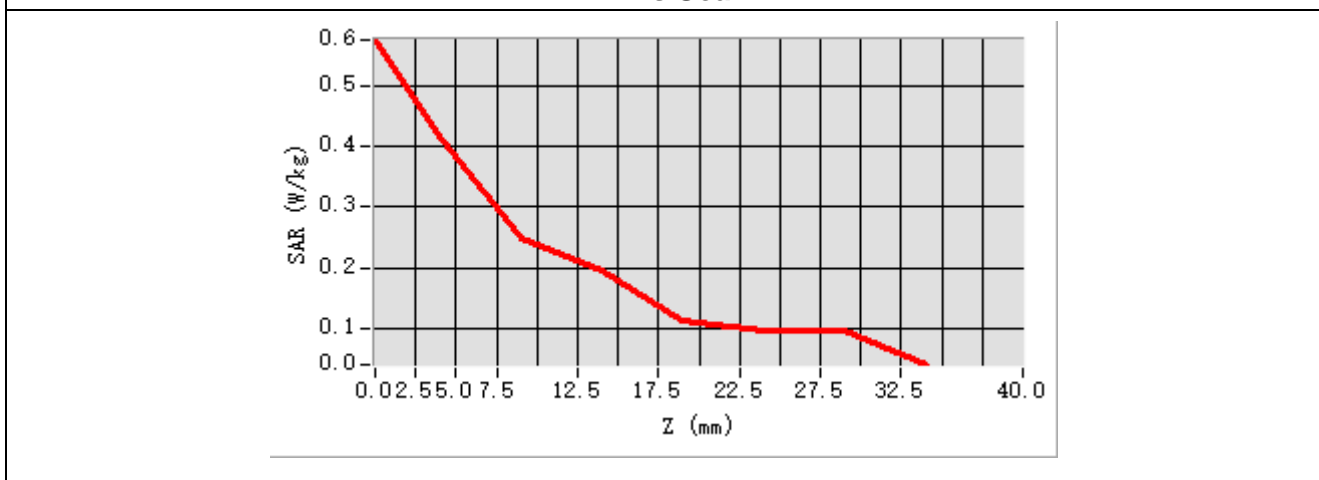
Maximum location: X=-18.00, Y=-9.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.226875
SAR 1g (W/Kg)	0.410340



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/03/2023

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)

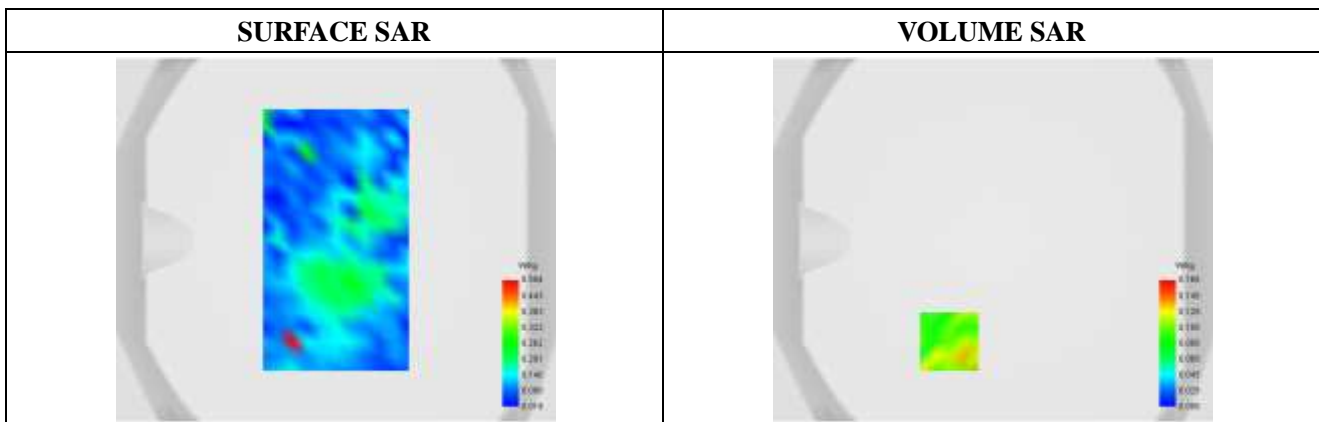
B. SAR Measurement Results

Frequency (MHz)	2437.0
Relative permittivity (real part)	38.72
Conductivity (S/m)	1.84
Variation (%)	-0.35

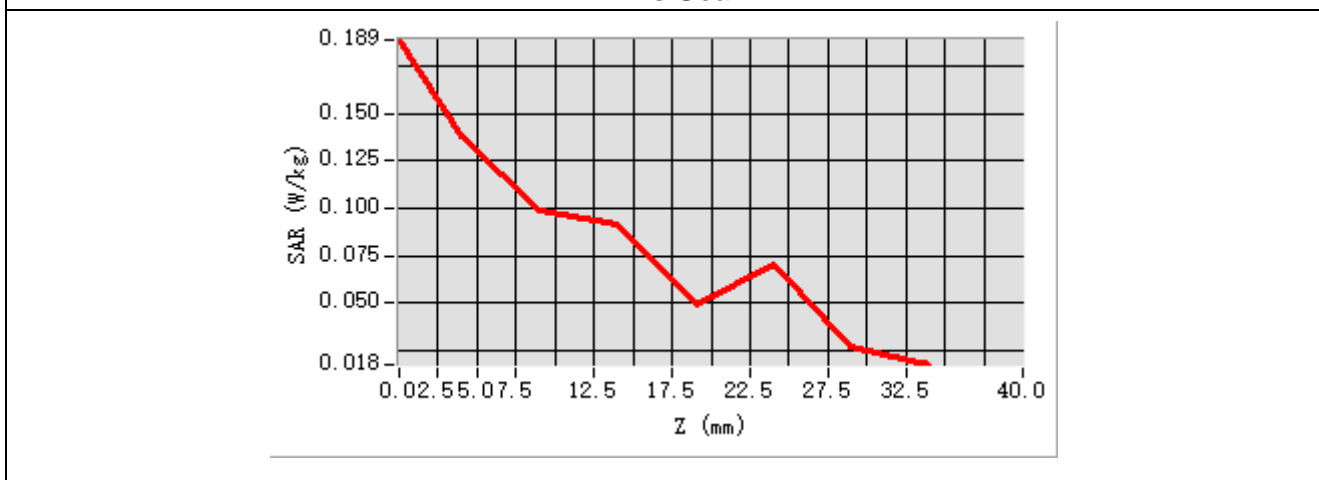
Maximum location: X=-24.00, Y=-56.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.077275
SAR 1g (W/Kg)	0.151756



Z Axis Scan



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

Type: phone measurement

Date of measurement: 08/13/2023

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	Cheek
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

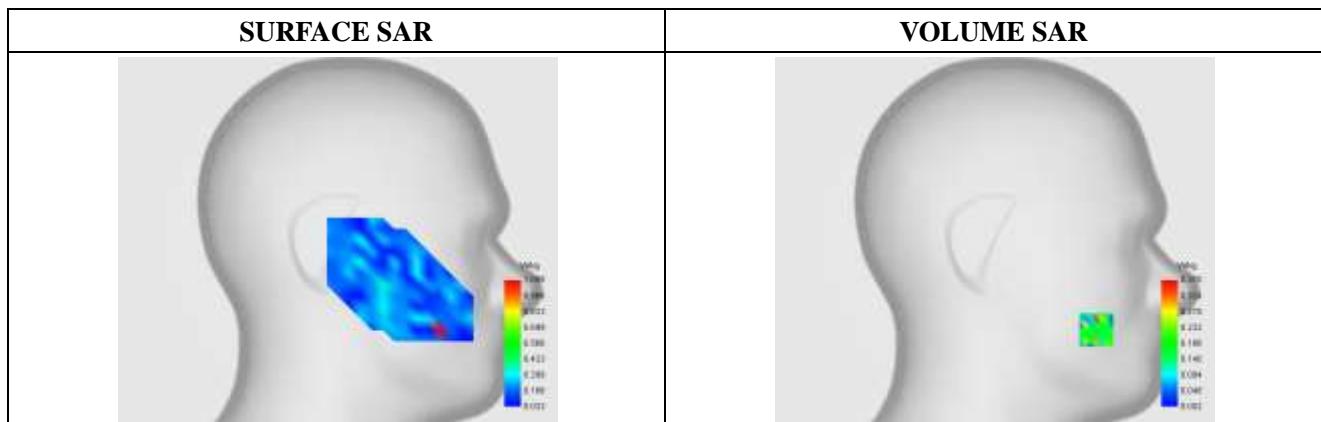
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	35.62
Conductivity (S/m)	4.62
Variation (%)	1.64

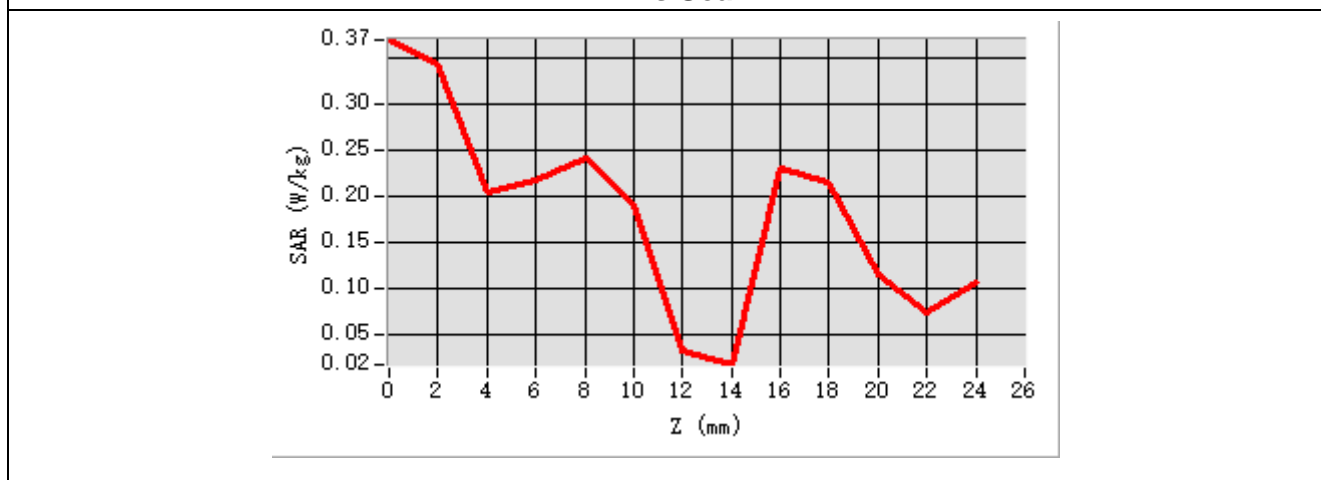
Maximum location: X=-72.00, Y=-64.00

SAR Peak: 2.32 W/kg

SAR 10g (W/Kg)	0.126549
SAR 1g (W/Kg)	0.296175



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11a ANT 2, Back, Middle, 5mm)

Type: phone measurement

Date of measurement: 08/13/2023

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)

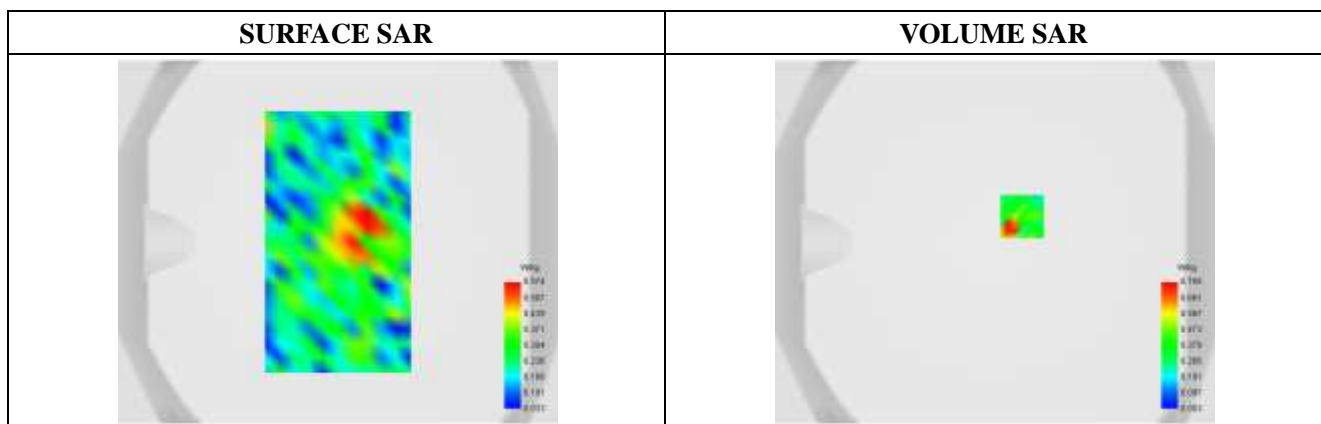
B. SAR Measurement Results

Frequency (MHz)	5220.0
Relative permittivity (real part)	35.62
Conductivity (S/m)	4.62
Variation (%)	-0.93

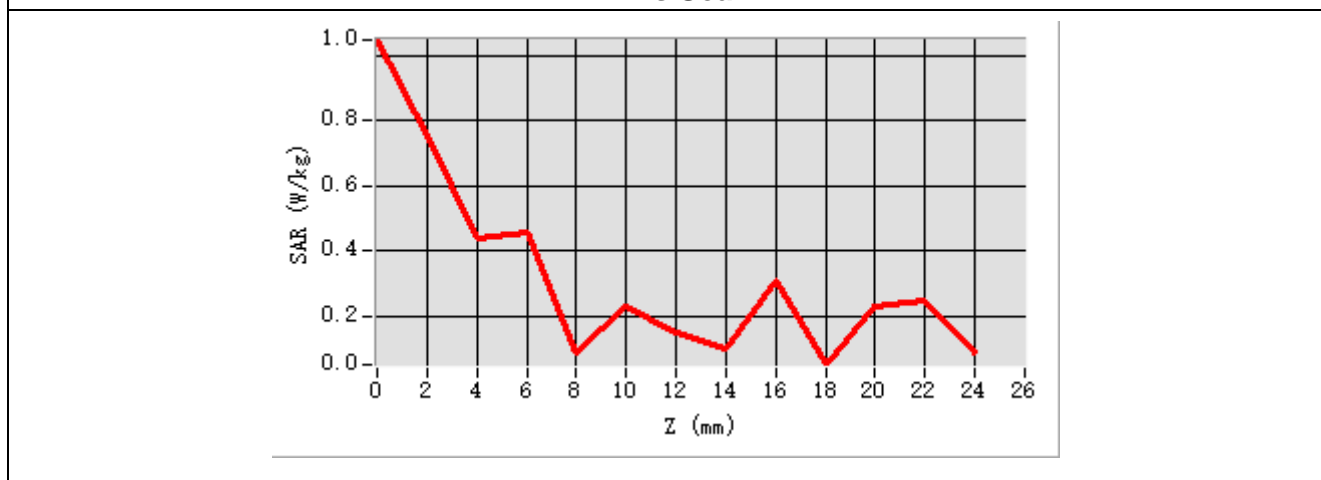
Maximum location: X=15.00, Y=14.00

SAR Peak: 2.05 W/kg

SAR 10g (W/Kg)	0.177041
SAR 1g (W/Kg)	0.459257



Z Axis Scan



Testing result (WI-FI U-NII 3a 802.11a ANT 2, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/14/2023

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	Cheek
Band	WI-FI 802.11a
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

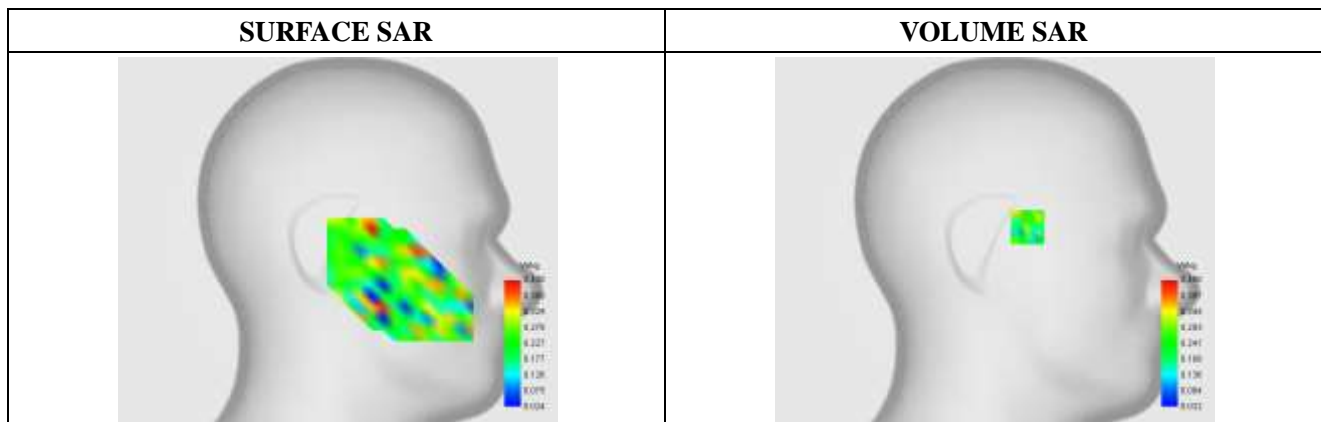
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	34.45
Conductivity (S/m)	5.26
Variation (%)	-2.97

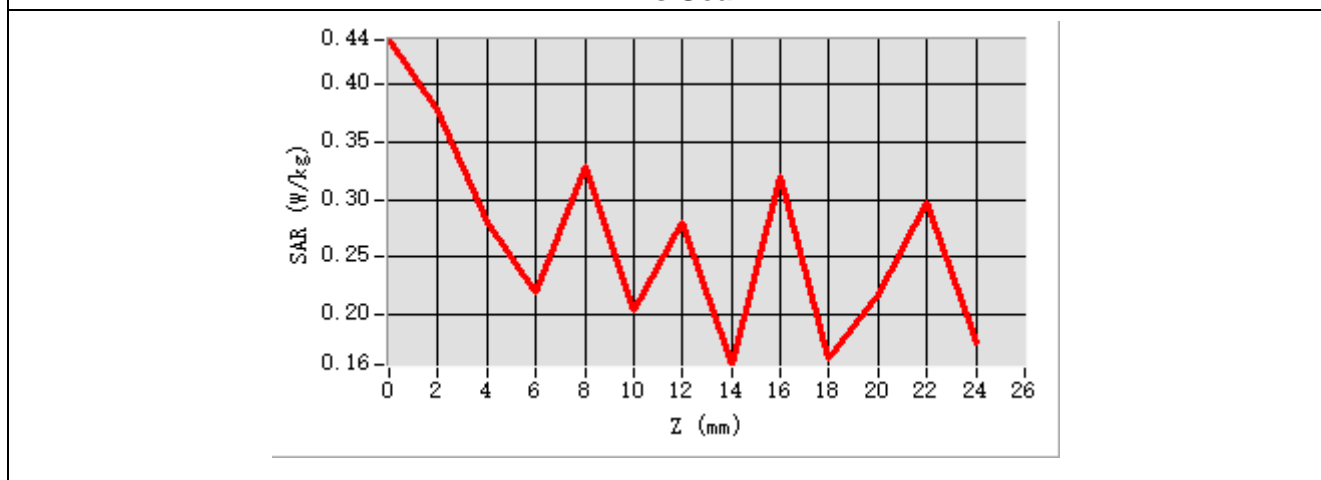
Maximum location: X=-23.00, Y=9.00

SAR Peak: 1.87 W/kg

SAR 10g (W/Kg)	0.205470
SAR 1g (W/Kg)	0.386142



Z Axis Scan



Testing result (WI-FI U-NII 3a 802.11a ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/14/2023

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)

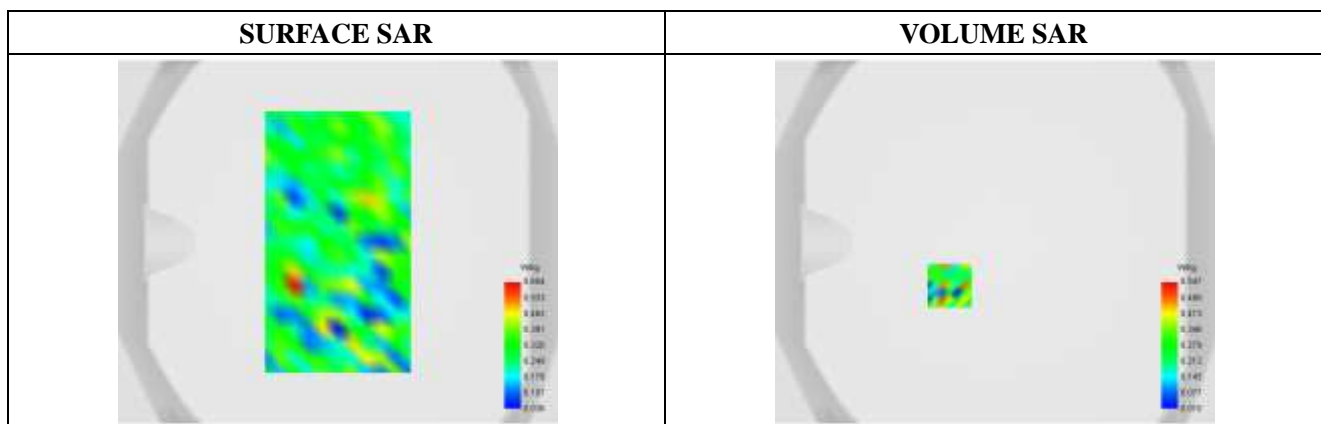
B. SAR Measurement Results

Frequency (MHz)	5785.0
Relative permittivity (real part)	34.45
Conductivity (S/m)	5.26
Variation (%)	-1.60

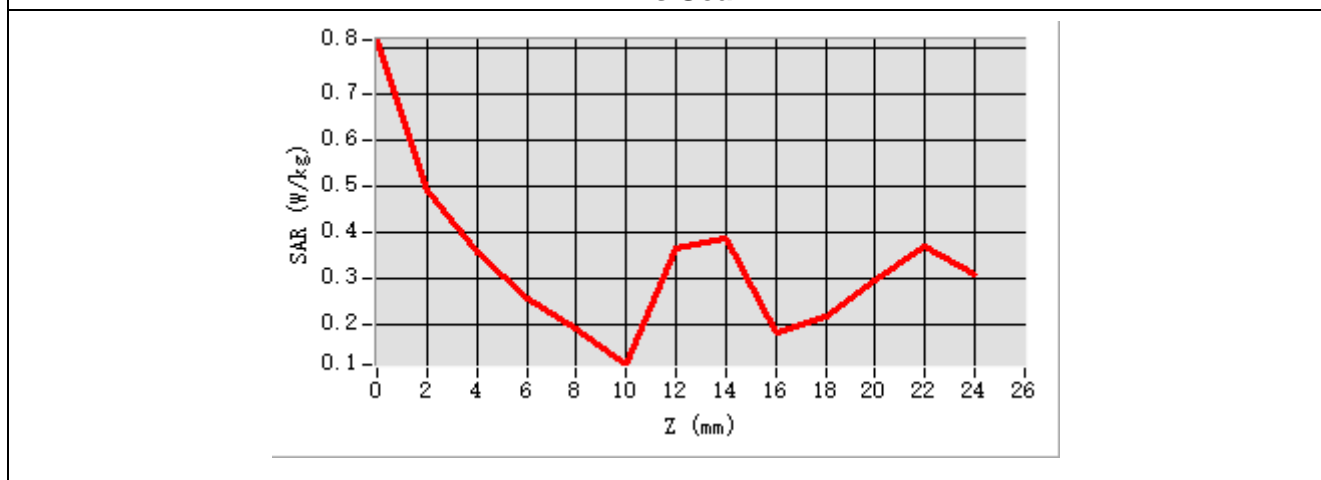
Maximum location: X=-25.00, Y=-24.00

SAR Peak: 1.93 W/kg

SAR 10g (W/Kg)	0.186057
SAR 1g (W/Kg)	0.310729



Z Axis Scan



Testing result (Bluetooth ANT 2, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 08/03/2023

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)

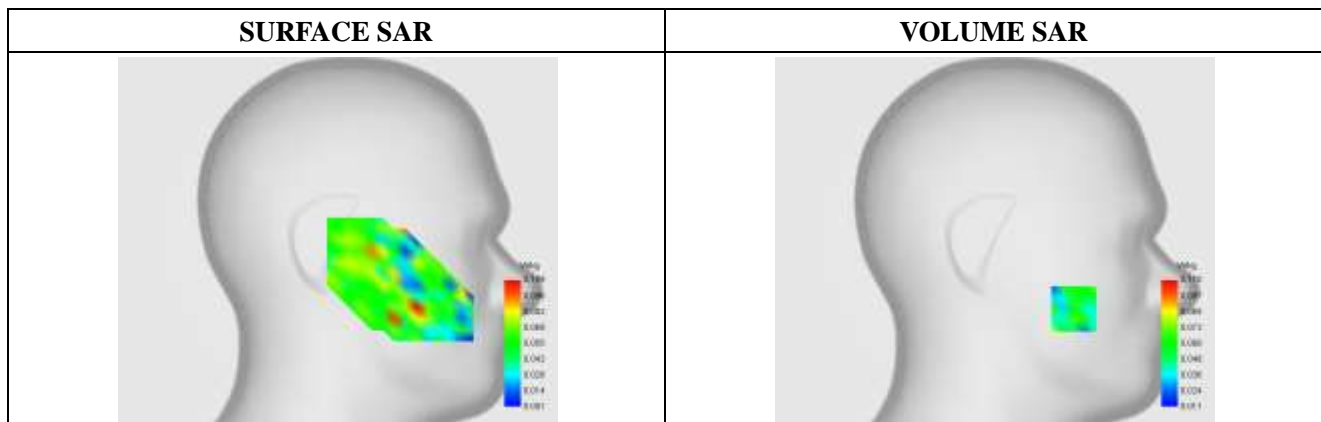
B. SAR Measurement Results

Frequency (MHz)	2441.0
Relative permittivity (real part)	38.70
Conductivity (S/m)	1.84
Variation (%)	-1.36

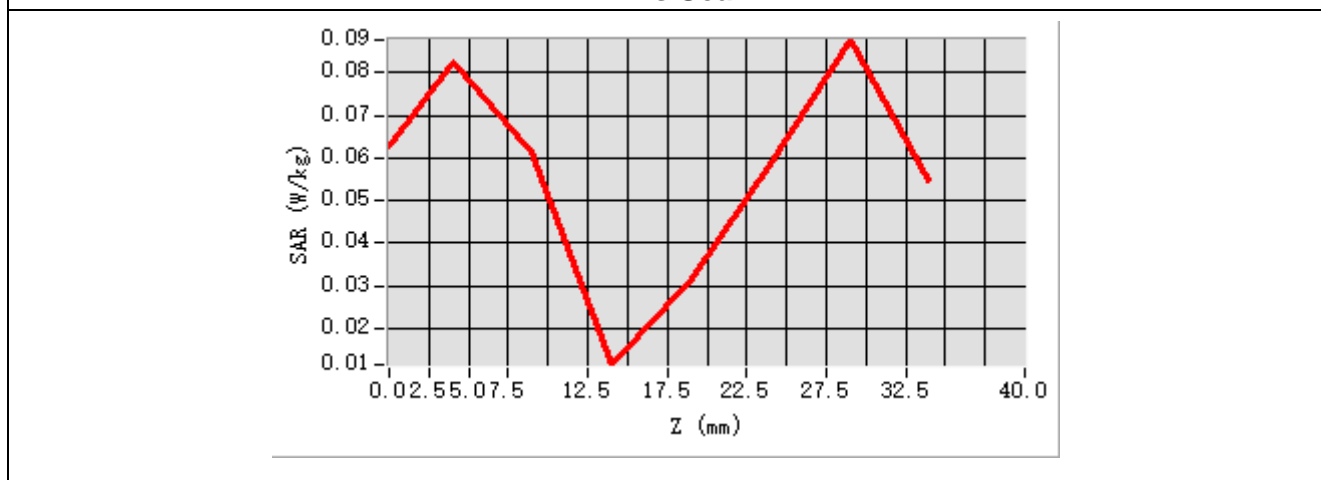
Maximum location: X=-56.00, Y=-49.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.038360
SAR 1g (W/Kg)	0.056084



Z Axis Scan



Testing result (Bluetooth ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 08/03/2023

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)

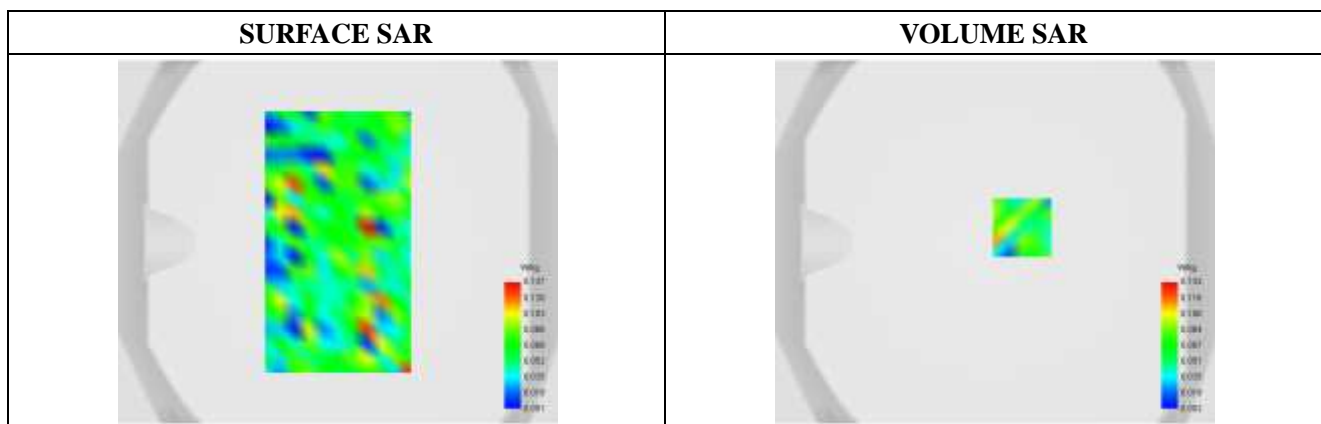
B. SAR Measurement Results

Frequency (MHz)	2441.0
Relative permittivity (real part)	38.70
Conductivity (S/m)	1.84
Variation (%)	-0.19

Maximum location: X=15.00, Y=8.00

SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.055159
SAR 1g (W/Kg)	0.070226



Z Axis Scan

