

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850ANT1	Left Cheek Low	2022/05/13
2	GPRS8504TxANT1	Body Front, Low ,10mm	2022/05/13
3	GSM1900 ANT2	Left Cheek Middle	2022/05/18
4	GPRS19004Tx ANT2	Body Front, Low ,10mm	2022/05/18
5	GPRS19004Tx ANT2	Edge C, Low ,10mm	2022/05/18
6	GSM1900ANT4	Left Cheek High	2022/06/22
7	GPRS19004Tx ANT4	Body Front, High ,10mm	2022/06/22
8	GPRS19004Tx ANT4	Edge A, High ,10mm	2022/06/22
9	CDMA BC 0ANT1	Right Cheek Low	2022/07/06
10	CDMA BC 0ANT1	Body Front, Low ,10mm	2022/07/06
11	WCDMA850ANT1	Left Cheek Low	2022/05/13
12	WCDMA850ANT1	Body Front, Low ,10mm	2022/05/13
13	WCDMA1700ANT2	Left Cheek High	2022/05/17
14	WCDMA1700ANT2	Body Front, High ,10mm	2022/05/17
15	WCDMA1700ANT2	Edge C, High ,10mm	2022/05/17
16	WCDMA1700ANT4	Right Cheek ,High	2022/06/23
17	WCDMA1700ANT4	Body Front,High,10mm	2022/06/23
18	WCDMA1700ANT4	Edge A, High,10mm	2022/06/23
19	WCDMA1900ANT2	Left Cheek High	2022/05/18
20	WCDMA1900ANT2	Body Front, High ,10mm	2022/05/18
21	WCDMA1900ANT2	Edge C, High ,10mm	2022/05/18
22	WCDMA1900ANT4	Right Cheek High	2022/06/22
23	WCDMA1900ANT4	Body Front, High ,10mm	2022/06/22
24	WCDMA1900ANT4	Edge A, High ,10mm	2022/06/22
25	LTE Band4ANT2	Left Cheek Low	2022/05/17
26	LTE Band4ANT2	Body Front, Low ,10mm	2022/05/17
27	LTE Band4ANT2	Edge C, Low ,10mm	2022/05/17
28	LTE Band4ANT3	Right Cheek Repeat Middle	2022/06/23
29	LTE Band4ANT3	Body Back,Middle,10mm	2022/06/23
30	LTE Band4ANT3	Edge D, Middle ,10mm	2022/06/23
31	LTE Band7ANT2	Right Cheek High	2022/05/22
32	LTE Band7ANT2	Body Front, High ,10mm	2022/05/22
33	LTE Band7ANT2	Edge C, High ,10mm	2022/05/22
34	LTE Band7ANT3	Right Cheek Repeat Middle	2022/07/12
35	LTE Band7ANT3	Body Back,Middle,10mm	2022/07/12
36	LTE Band7ANT3	Edge D, Middle ,10mm	2022/07/12
37	LTE Band5ANT1	Right Cheek Low	2022/05/14
38	LTE Band5ANT1	Body Front,Low,10mm	2022/05/14
39	LTE Band12ANT1	Right Cheek, Middle	2022/05/20
40	LTE Band12ANT1	Body Front, Middle ,10mm	2022/05/20
41	LTE Band17ANT1	Right Cheek Low	2022/05/20
42	LTE Band17ANT1	Body Front, Low ,10mm	2022/05/20
43	LTE Band41ANT2	Left Cheek Middle	2022/05/22
44	LTE Band41ANT2	Body Front, Middle ,10mm	2022/05/22
45	LTE Band41ANT2	Edge C, Middle ,10mm	2022/05/22
46	LTE Band41ANT5	Right Cheek High	2022/06/25

47	LTE Band41ANT5	Body Back, High ,10mm	2022/06/25
48	LTE Band41ANT5	Edge A, High ,10mm	2022/06/25
49	NR5ANT1	50%RBRight Cheek, Low	2022/05/23
50	NR5ANT1	50%RBBody Front,Low,10mm	2022/05/23
51	NR41ANT2	Left Cheek Low	2022/06/14
52	NR41ANT2	Body Back,Low,10mm	2022/06/14
53	NR41ANT2	Edge C, Low ,10mm	2022/06/14
54	NR41ANT5	Right Cheek Low	2022/06/25
55	NR41ANT5	Body Back, Low ,10mm	2022/06/25
56	NR41ANT5	Edge D Repeat, Low ,10mm	2022/06/25
57	NR77ANT5	Right Cheek Middle	2022/06/13
58	NR77ANT5	Body Back,Middle,10mm	2022/06/13
59	NR77ANT5	Edge D,Middle,10mm	2022/06/13
60	NR77ANT11	Left Cheek Middle	2022/06/13
61	NR77ANT11	Body Back, Middle ,10mm	2022/06/13
62	NR77ANT11	Edge D, Middle ,10mm	2022/06/13
63	NR78ANT5	Right Cheek Middle	2022/06/13
64	NR78ANT5	Body Back, Middle ,10mm	2022/06/13
65	NR78ANT5	Edge D, Middle ,10mm	2022/06/13
66	NR78ANT11	Left Cheek Middle	2022/06/13
67	NR78ANT11	Body Back,Middle,10mm	2022/06/13
68	NR78ANT11	Edge D, Middle ,10mm	2022/06/13
69	WI-FI 2.4G 802.11bANT7	Right Cheek Middle	2022/06/02
70	WI-FI 2.4G 802.11bANT7	Body Back, Middle ,10mm	2022/06/02
71	WI-FI 2.4G 802.11bANT7	Edge A, Middle ,10mm	2022/06/02
72	WI-FI 2.4G 802.11bANT9	Left Cheek High	2022/06/02
73	WI-FI 2.4G 802.11bANT9	Body Front,High,10mm	2022/06/02
74	WI-FI 2.4G 802.11bANT9	Edge B, High ,10mm	2022/06/02
75	WI-F2.4G802.11n20ANT7+9	Left Cheek High	2022/06/02
76	WI-F2.4G802.11n20ANT7+9	Body Front,High,10mm	2022/06/02
77	WI-F2.4G802.11n20ANT7+9	Edge A, High ,10mm	2022/06/02
5GWIFI Standalone SAR			
78	WI-FI U-NII 1802.11aANT8	Left Tilted Low	2022/06/20
79	WI-FI U-NII 1802.11aANT8	Body Front,Low,10mm	2022/06/20
80	WI-FI U-NII 1802.11aANT9	Left Cheek Middle	2022/06/20
81	WI-FI U-NII 1802.11aANT9	Body Back, Middle,10mm	2022/06/20
82	WI-FI U-NII 1 802.11n20ANT8+9	Right Cheek Low	2022/06/20
83	WI-FI U-NII 1 802.11n20ANT8+9	Body Back, Low ,10mm	2022/06/20
84	WI-FI U-NII 2A 802.11a ANT8	Left Tilted Middle	2022/06/21
85	WI-FI U-NII 2A 802.11a ANT8	Body Edge B, Middle, 10mm	2022/06/21
86	WI-FI U-NII 2A 802.11a ANT9	Left Cheek High	2022/06/21
87	WI-FI U-NII 2A 802.11a ANT9	Body Back, High ,10mm	2022/06/21
88	WI-FI U-NII 2A 802.11n20ANT8+9	Left Cheek Low	2022/06/21
89	WI-FI U-NII 2A	Body Back, Low ,10mm	2022/06/21



	802.11n20ANT8+9		
90	WI-FI U-NII 2C 802.11aANT8	Left Tilted High	2022/06/22
91	WI-FI U-NII 2C 802.11aANT8	Edge A, High ,10mm	2022/06/22
92	WI-FI U-NII 2C 802.11aANT9	Left Cheek Middle	2022/06/22
93	WI-FI U-NII 2C 802.11aANT9	Edge B, Middle ,10mm	2022/06/22
94	WI-FI U-NII 2C 802.11aANT8+9	Left Cheek Middle	2022/06/22
95	WI-FI U-NII 2C 802.11aANT8+9	Body Back, Middle ,10mm	2022/06/22
96	WI-FI U-NII 3 802.11aANT8	Left Tilted Low	2022/06/19
97	WI-FI U-NII 3 802.11aANT8	Edge A, Low ,10mm	2022/06/19
98	WI-FI U-NII 3 802.11aANT9	Left Cheek Low	2022/06/19
99	WI-FI U-NII 3 802.11aANT9	Edge B, Low ,10mm	2022/06/19
100	WI-FI U-NII 3 802.11aANT8+9	Left Cheek Low	2022/06/19
101	WI-FI U-NII 3 802.11aANT8+9	Body Back, Low ,10mm	2022/06/19
5GWIFI Simultaneous Transmissions SAR			
102	WI-FI U-NII 1802.11aANT8	Left Tilted Low	2022/06/20
103	WI-FI U-NII 1802.11aANT8	Body Front,Low,10mm	2022/06/20
104	WI-FI U-NII 1802.11aANT9	Left Cheek Low	2022/06/20
105	WI-FI U-NII 1802.11aANT9	Body Back, Low,10mm	2022/06/20
106	WI-FI U-NII 1 802.11n20ANT8+9	Right Cheek High	2022/06/20
107	WI-FI U-NII 1 802.11n20ANT8+9	Body Back, High ,10mm	2022/06/20
108	WI-FI U-NII 2A 802.11a ANT8	Left Tilted Middle	2022/06/21
109	WI-FI U-NII 2A 802.11a ANT8	Body Edge B, Middle, 10mm	2022/06/21
110	WI-FI U-NII 2A 802.11a ANT9	Left Cheek High	2022/06/21
111	WI-FI U-NII 2A 802.11a ANT9	Body Back, High ,10mm	2022/06/21
112	WI-FI U-NII 2A 802.11n20ANT8+9	Left Cheek Low	2022/06/21
113	WI-FI U-NII 2A 802.11n20ANT8+9	Body Back, Low ,10mm	2022/06/21
114	WI-FI U-NII 2C 802.11aANT8	Left Tilted High	2022/06/22
115	WI-FI U-NII 2C 802.11aANT8	Edge A, High ,10mm	2022/06/22
116	WI-FI U-NII 2C 802.11aANT9	Left Cheek Middle	2022/06/22
117	WI-FI U-NII 2C 802.11aANT9	Edge B, Middle ,10mm	2022/06/22
118	WI-FI U-NII 2C	Left Cheek Low	2022/06/22



	802.11aANT8+9		
119	WI-FI U-NII 2C 802.11aANT8+9	Body Back, Low ,10mm	2022/06/22
120	WI-FI U-NII 3 802.11aANT8	Left Tilted Low	2022/06/19
121	WI-FI U-NII 3 802.11aANT8	Edge A, Low ,10mm	2022/06/19
122	WI-FI U-NII 3 802.11aANT9	Left Cheek Middle	2022/06/19
123	WI-FI U-NII 3 802.11aANT9	Edge B, Middle ,10mm	2022/06/19
124	WI-FI U-NII 3 802.11aANT8+9	Left Cheek Middle	2022/06/19
125	WI-FI U-NII 3 802.11aANT8+9	Body Back, Middle ,10mm	2022/06/19
126	BluetoothANT9	Left Cheek Middle	2022/06/02
127	BluetoothANT9	Edge B, Middle ,10mm	2022/06/02

Testing result (GSM850ANT1, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 05/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	SA(Crest factor: 1.0)

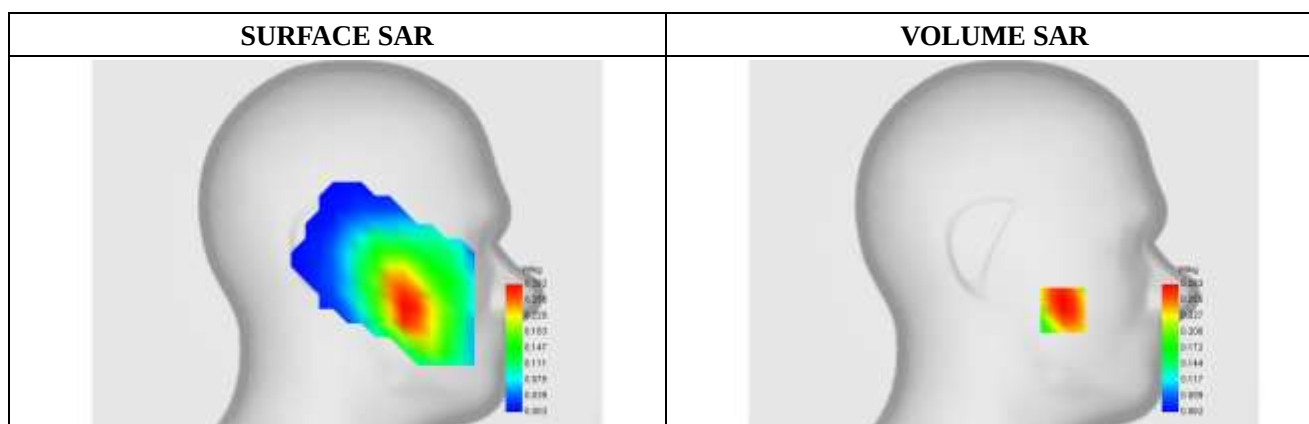
B. SAR Measurement Results

Frequency (MHz)	824.2
Relative permittivity (real part)	41.33
Conductivity (S/m)	0.90
Variation (%)	1.63

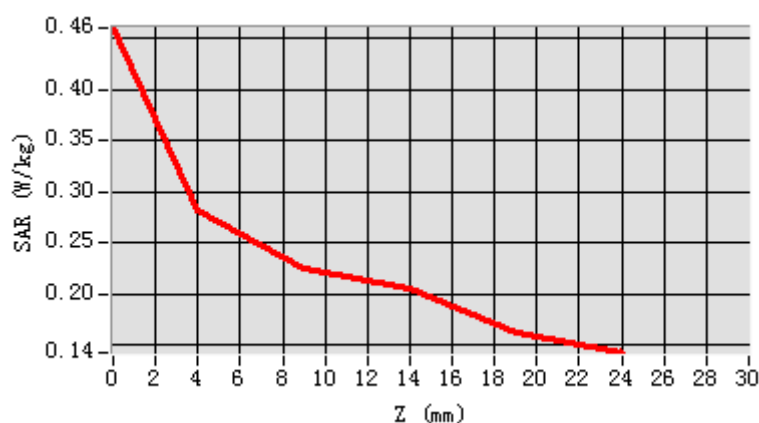
Maximum location: X=-48.00, Y=-47.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.222177
SAR 1g (W/Kg)	0.278766



Z Axis Scan



Testing result (GPRS850ANT1, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 05/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	GPRS850_4Tx
Channels	Low
Signal	GSM(Crest factor: 2.0)

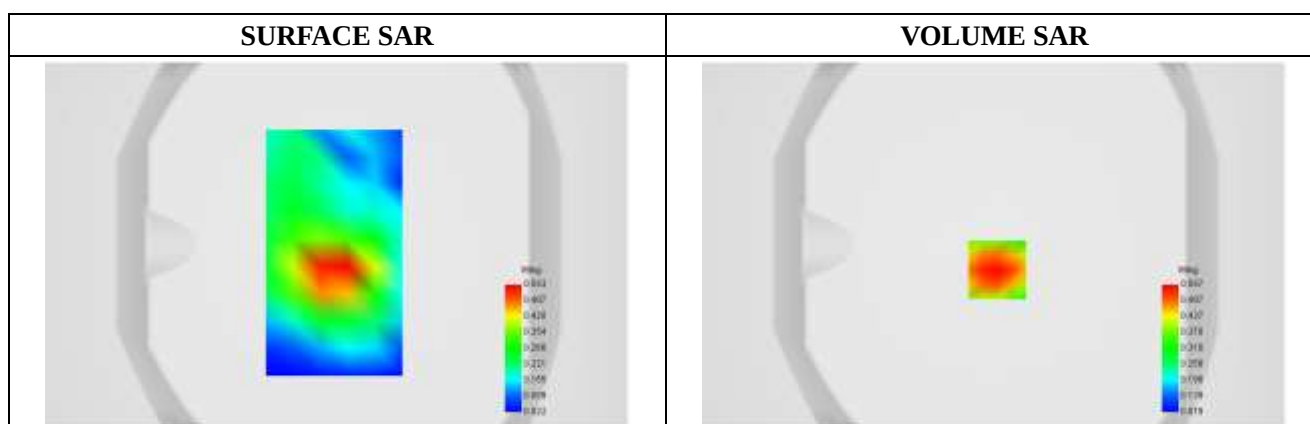
B. SAR Measurement Results

Frequency (MHz)	824.2
Relative permittivity (real part)	41.33
Conductivity (S/m)	0.90
Variation (%)	-0.79

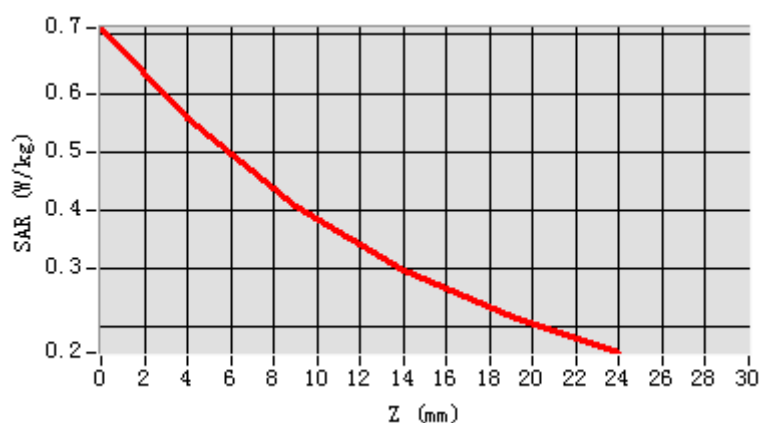
Maximum location: X=1.00, Y=-14.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.371486
SAR 1g (W/Kg)	0.533162



Z Axis Scan



Testing result (GSM1900ANT2, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 05/18/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	GSM1900
Channels	Middle
Signal	GSM(Crest factor: 8.0)

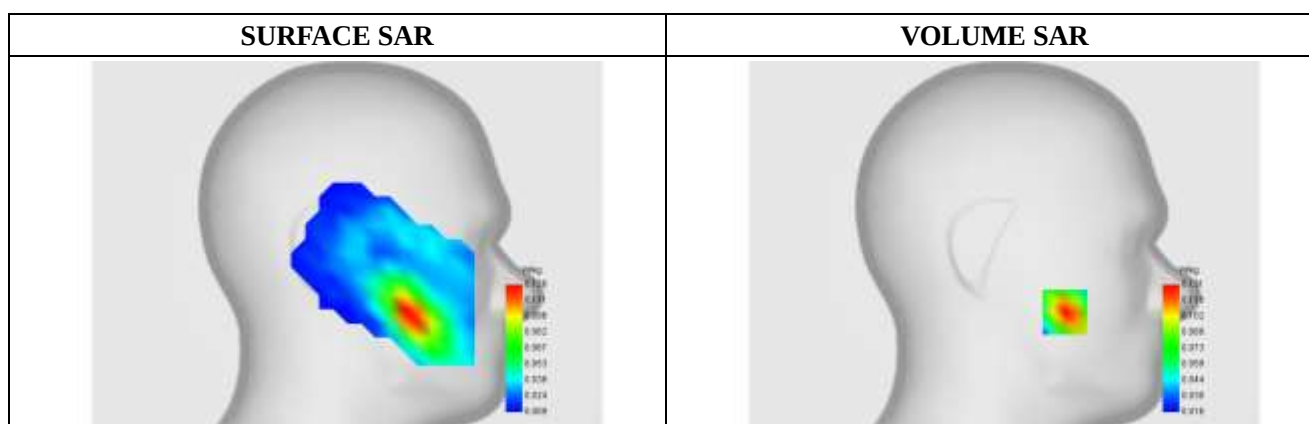
B. SAR Measurement Results

Frequency (MHz)	1880
Relative permittivity (real part)	40.40
Conductivity (S/m)	1.43
Variation (%)	-2.93

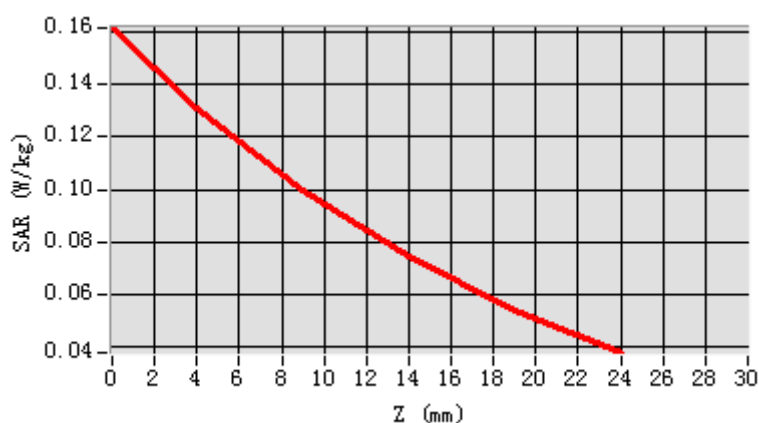
Maximum location: X=-49.00, Y=-48.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.081193
SAR 1g (W/Kg)	0.122837



Z Axis Scan



Testing result (GPRS1900ANT2, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 05/18/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900_4Tx
Channels	Low
Signal	GSM(Crest factor: 2.0)

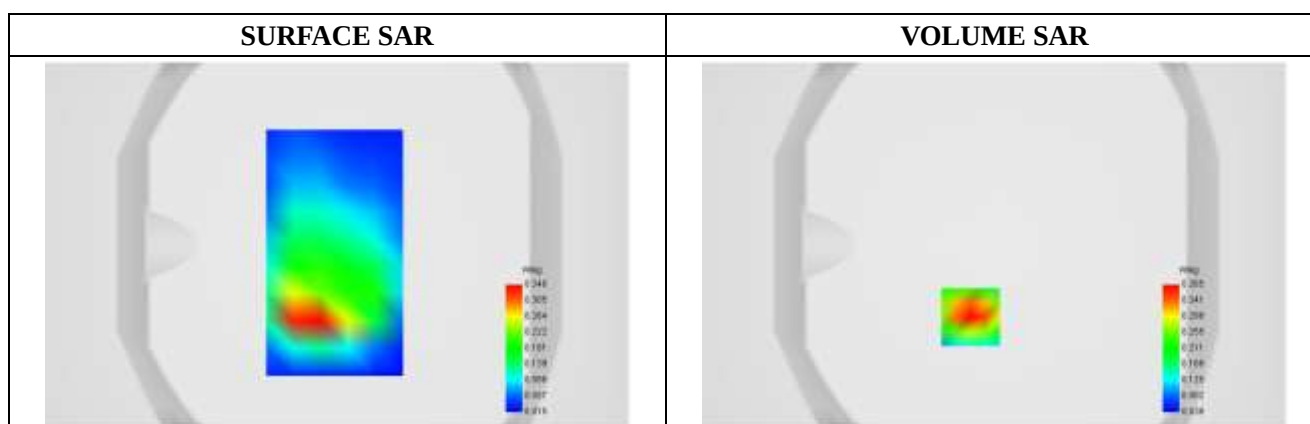
B. SAR Measurement Results

Frequency (MHz)	1880
Relative permittivity (real part)	40.40
Conductivity (S/m)	1.43
Variation (%)	-3.95

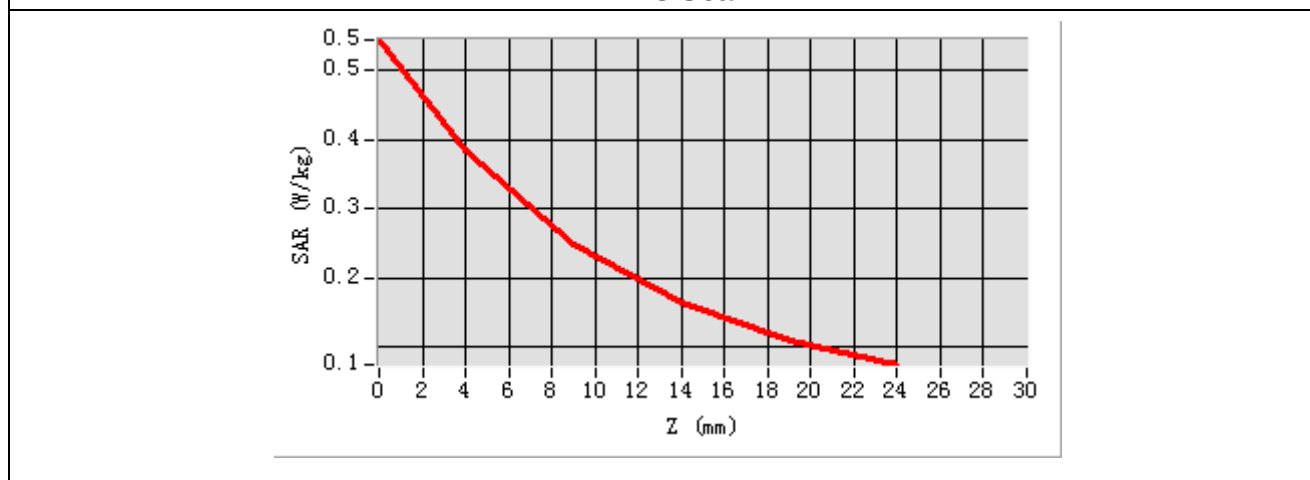
Maximum location: X=-14.00, Y=-40.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.216812
SAR 1g (W/Kg)	0.362264



Z Axis Scan



Testing result (GPRS1900ANT2, Edge C, Low, 10mm)

Type: phone measurement

Date of measurement: 05/18/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900_4Tx
Channels	Low
Signal	GSM(Crest factor: 2.0)

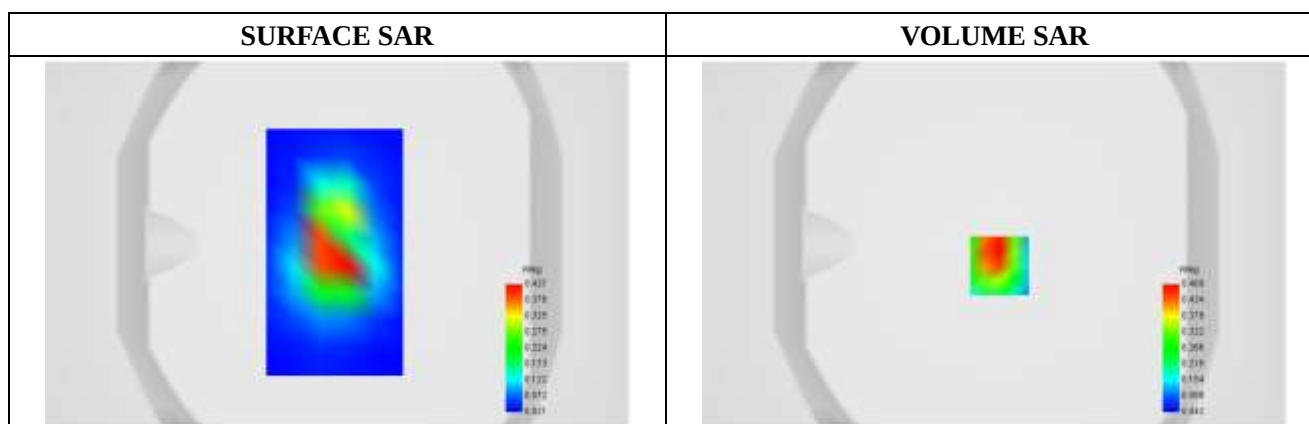
B. SAR Measurement Results

Frequency (MHz)	1880
Relative permittivity (real part)	40.40
Conductivity (S/m)	1.43
Variation (%)	0.45

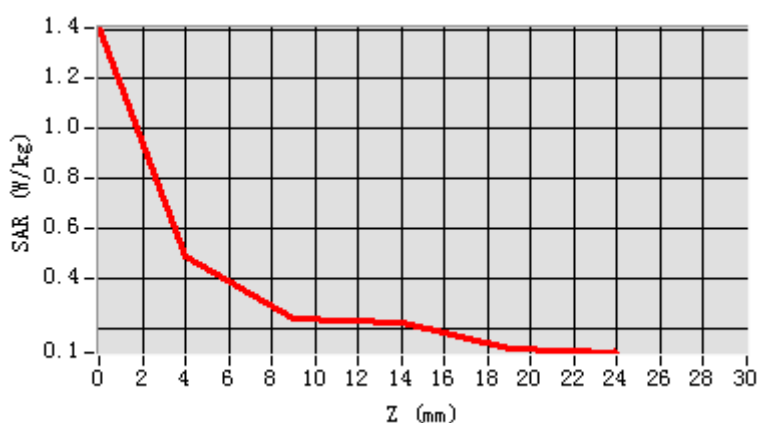
Maximum location: X=2.00, Y=-12.00

SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)	0.285326
SAR 1g (W/Kg)	0.464363



Z Axis Scan



Testing result (GSM1900ANT4, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	GSM1900
Channels	High
Signal	GSM(Crest factor: 8.0)

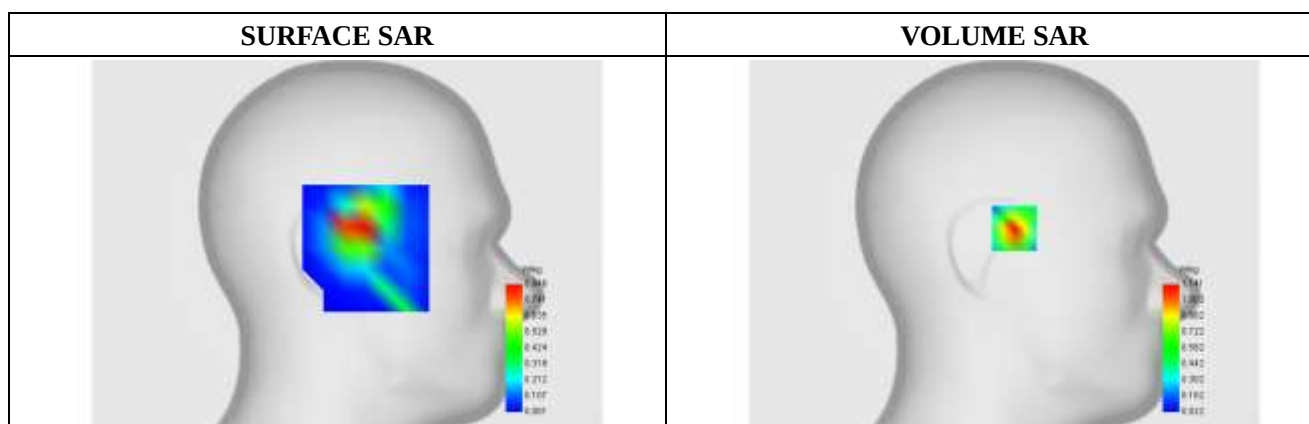
B. SAR Measurement Results

Frequency (MHz)	1909.8
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.41
Variation (%)	-1.12

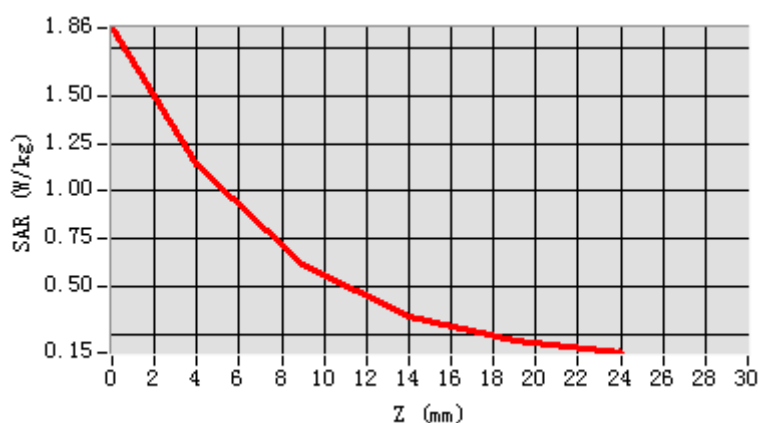
Maximum location: X=14.00, Y=25.00

SAR Peak: 1.88 W/kg

SAR 10g (W/Kg)	0.548066
SAR 1g (W/Kg)	1.078274



Z Axis Scan



Testing result (GPRS1900ANT4, Front, High, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900_4Tx
Channels	High
Signal	GSM(Crest factor: 2.0)

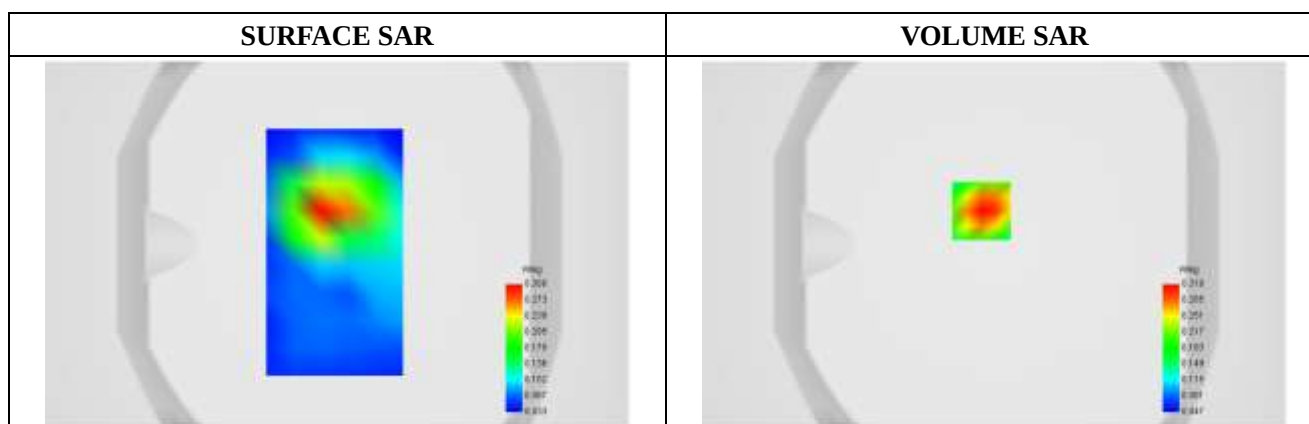
B. SAR Measurement Results

Frequency (MHz)	1909.8
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.41
Variation (%)	-1.38

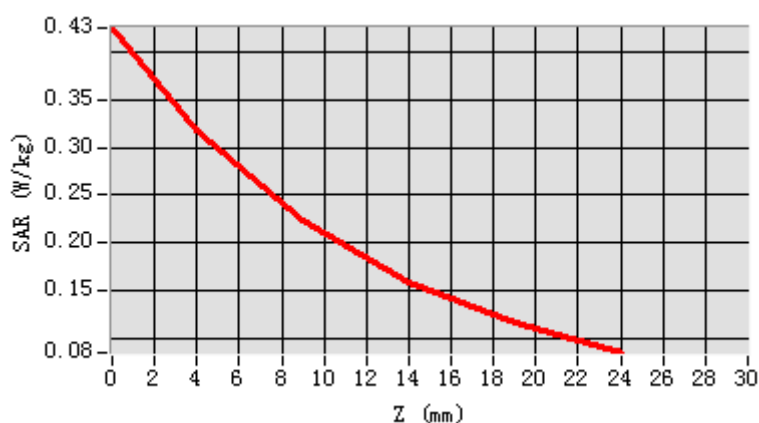
Maximum location: X=-8.00, Y=18.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.199392
SAR 1g (W/Kg)	0.302394



Z Axis Scan



Testing result (GPRS1900ANT4, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	GPRS1900_4Tx
Channels	High
Signal	GSM(Crest factor: 2.0)

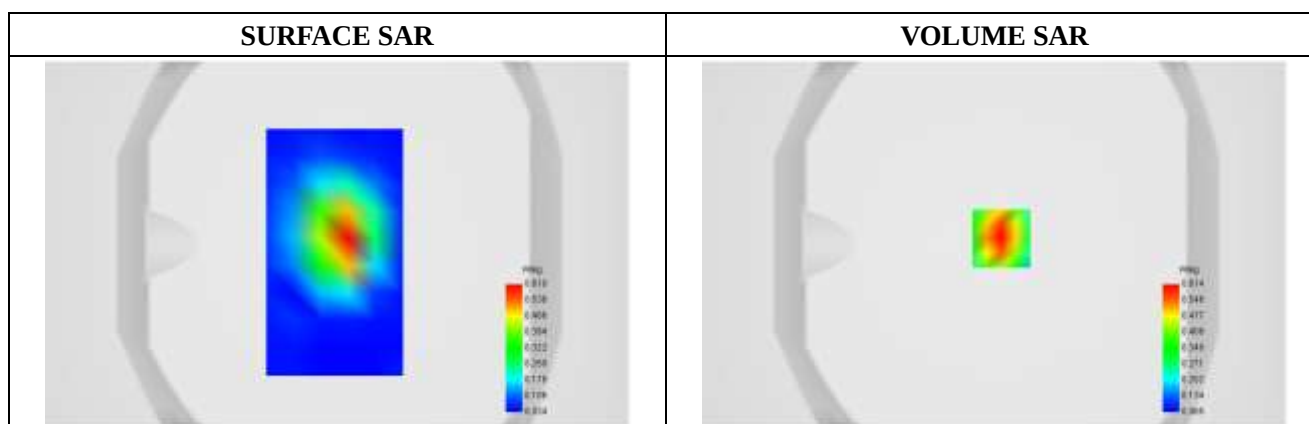
B. SAR Measurement Results

Frequency (MHz)	1909.8
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.41
Variation (%)	-2.05

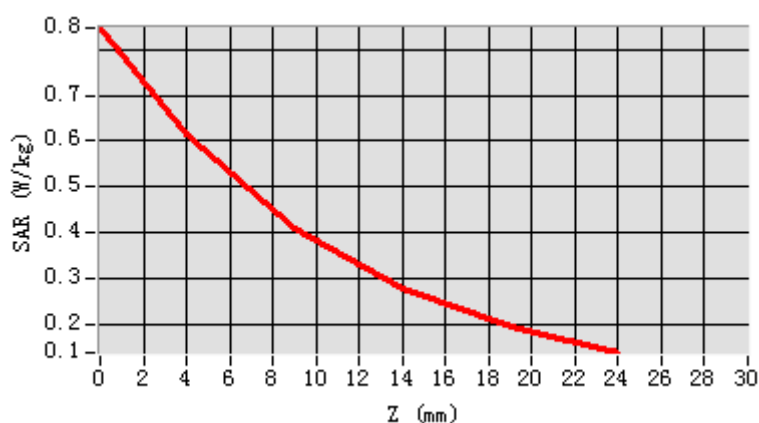
Maximum location: X=3.00, Y=3.00

SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)	0.358321
SAR 1g (W/Kg)	0.578699



Z Axis Scan



Testing result (CDMA BC 0ANT1, Right Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 07/06/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	CDMA BC 0
Channels	Low
Signal	CDMA(Crest factor: 1.0)

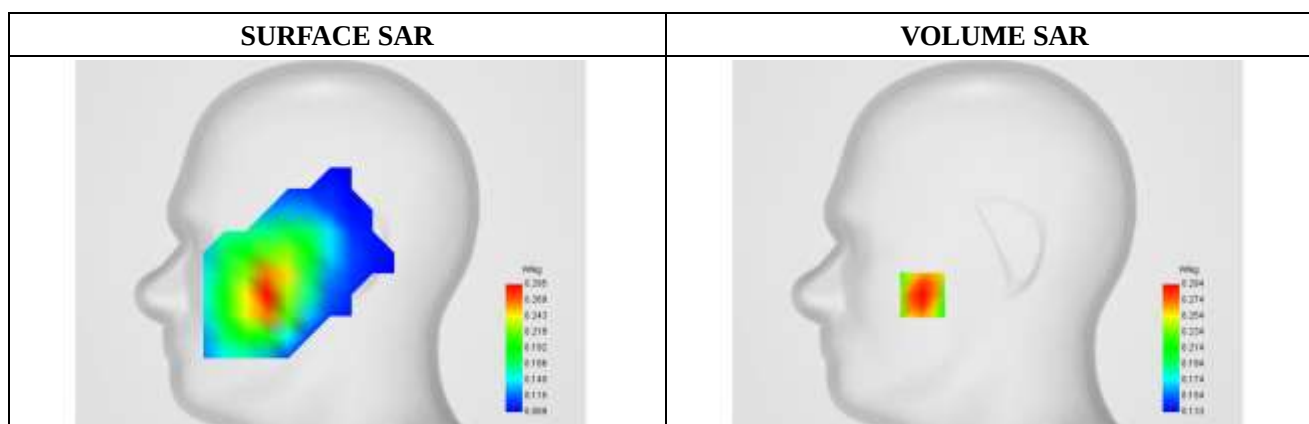
B. SAR Measurement Results

Frequency (MHz)	824.7
Relative permittivity (real part)	41.72
Conductivity (S/m)	0.91
Variation (%)	-0.76

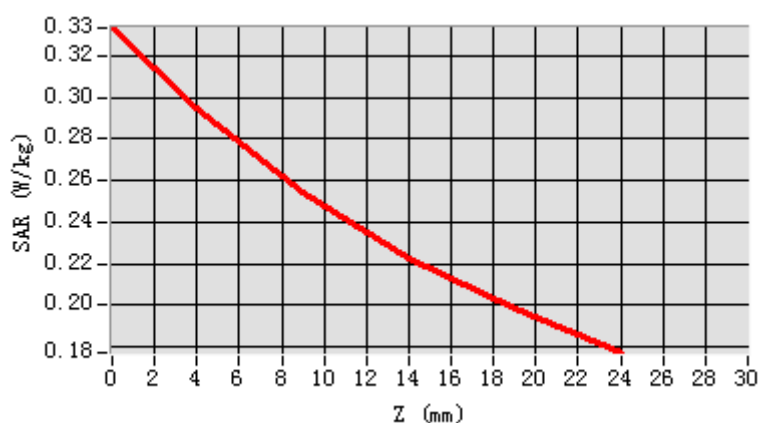
Maximum location: X=-52.00, Y=-36.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.138067
SAR 1g (W/Kg)	0.286463



Z Axis Scan



Testing result (WCDMA850ANT1, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 07/06/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	CDMA BC 0
Channels	Low
Signal	CDMA(Crest factor: 1.0)

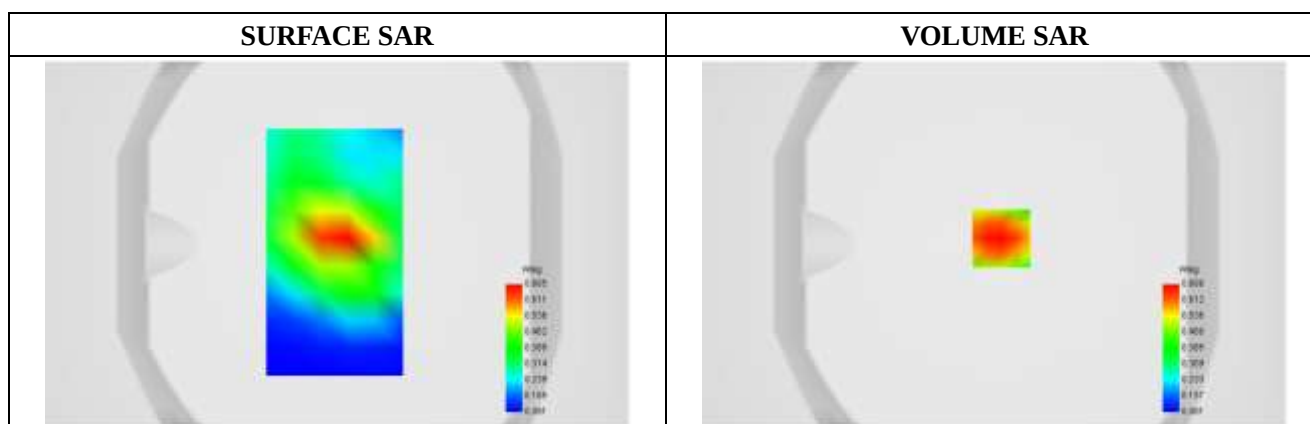
B. SAR Measurement Results

Frequency (MHz)	824.7
Relative permittivity (real part)	41.72
Conductivity (S/m)	0.91
Variation (%)	1.61

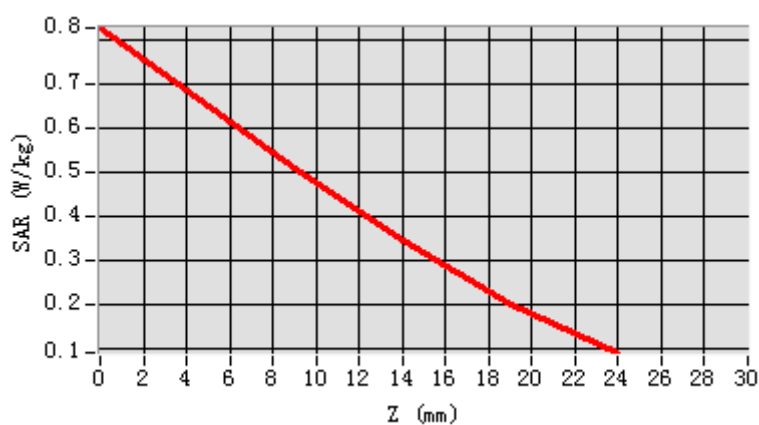
Maximum location: X=3.00, Y=3.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.406668
SAR 1g (W/Kg)	0.654195



Z Axis Scan



Testing result (WCDMA850ANT1, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 05/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WCDMA850
Channels	Low
Signal	WCDMA(Crest factor: 1.0)

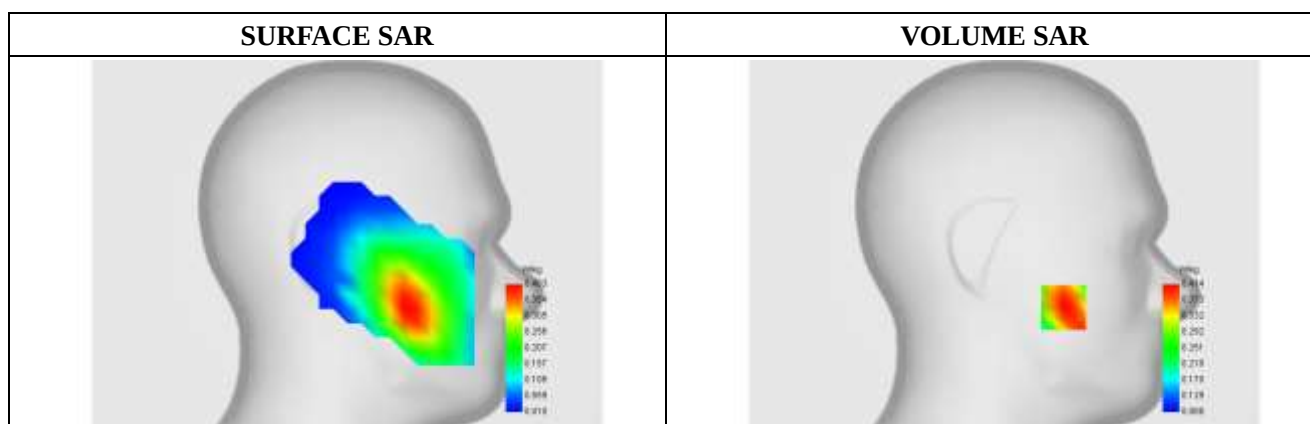
B. SAR Measurement Results

Frequency (MHz)	826.4
Relative permittivity (real part)	41.31
Conductivity (S/m)	0.90
Variation (%)	-3.50

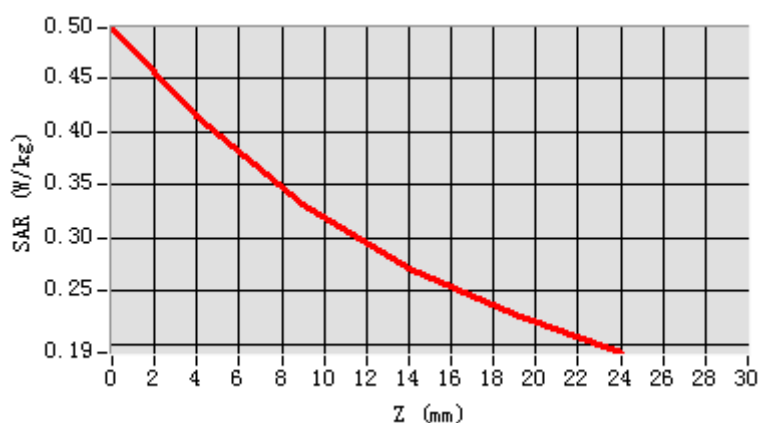
Maximum location: X=-48.00, Y=-45.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.305119
SAR 1g (W/Kg)	0.397722



Z Axis Scan



Testing result (WCDMA850ANT1, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 05/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA850
Channels	Low
Signal	WCDMA(Crest factor: 1.0)

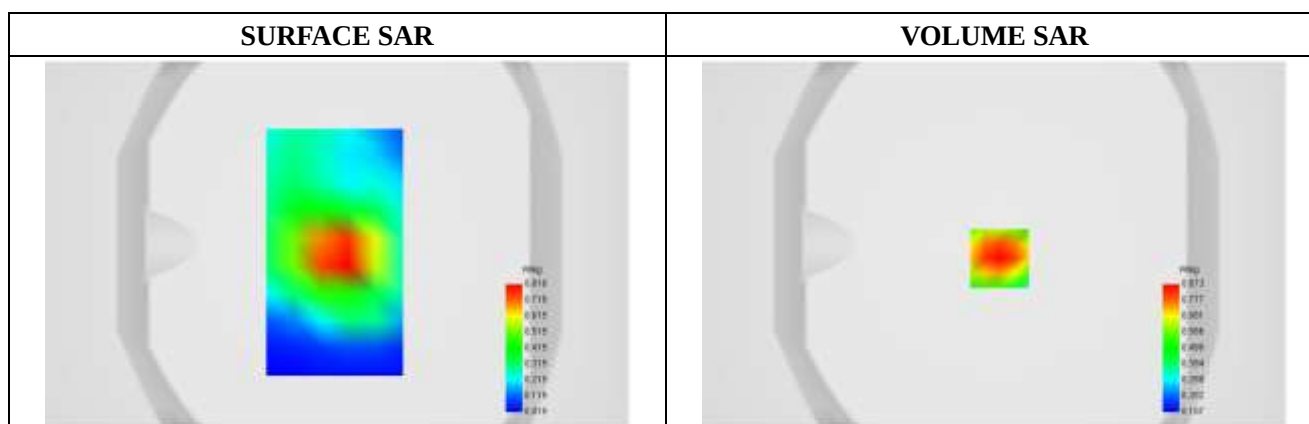
B. SAR Measurement Results

Frequency (MHz)	826.4
Relative permittivity (real part)	41.31
Conductivity (S/m)	0.90
Variation (%)	0.28

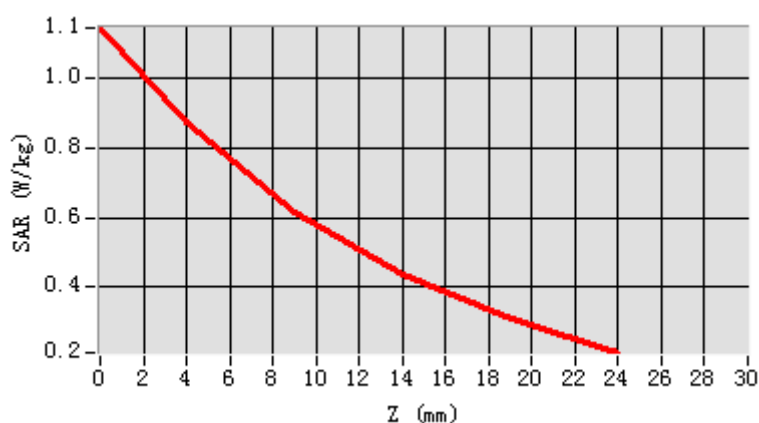
Maximum location: X=2.00, Y=-8.00

SAR Peak:1.15 W/kg

SAR 10g (W/Kg)	0.559486
SAR 1g (W/Kg)	0.832201



Z Axis Scan



Testing result (WCDMA1700ANT2, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 05/17/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WCDMA1700
Channels	High
Signal	WCDMA(Crest factor: 1.0)

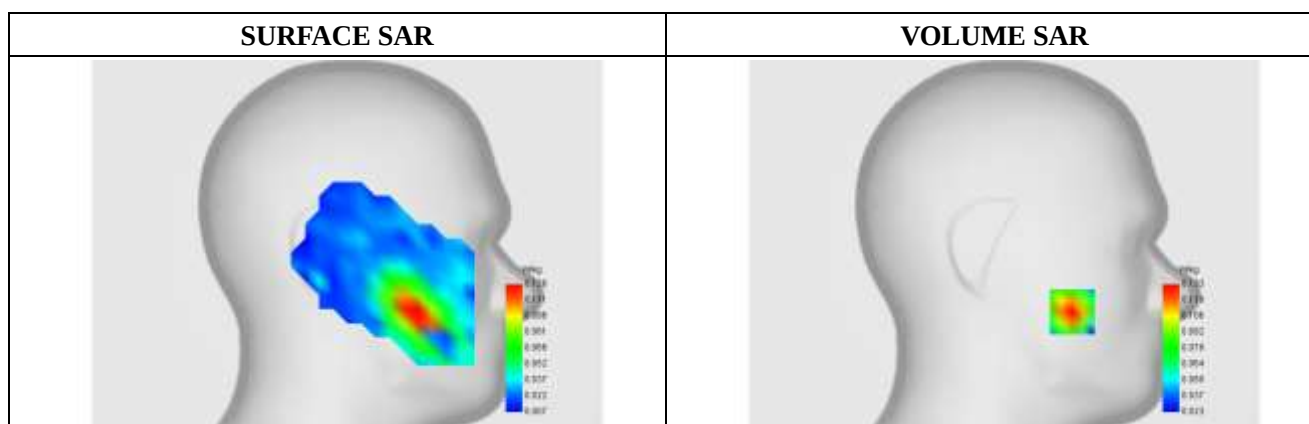
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	39.36
Conductivity (S/m)	1.37
Variation (%)	1.50

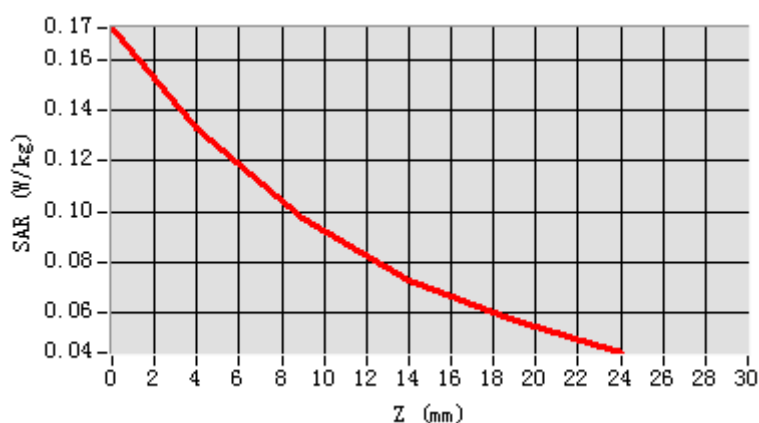
Maximum location: X=-54.00, Y=-48.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.083857
SAR 1g (W/Kg)	0.125458



Z Axis Scan



Testing result (WCDMA1700ANT2, Front, High, 10mm)

Type: phone measurement

Date of measurement: 05/17/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1700
Channels	Middle
Signal	WCDMA(Crest factor: 1.0)

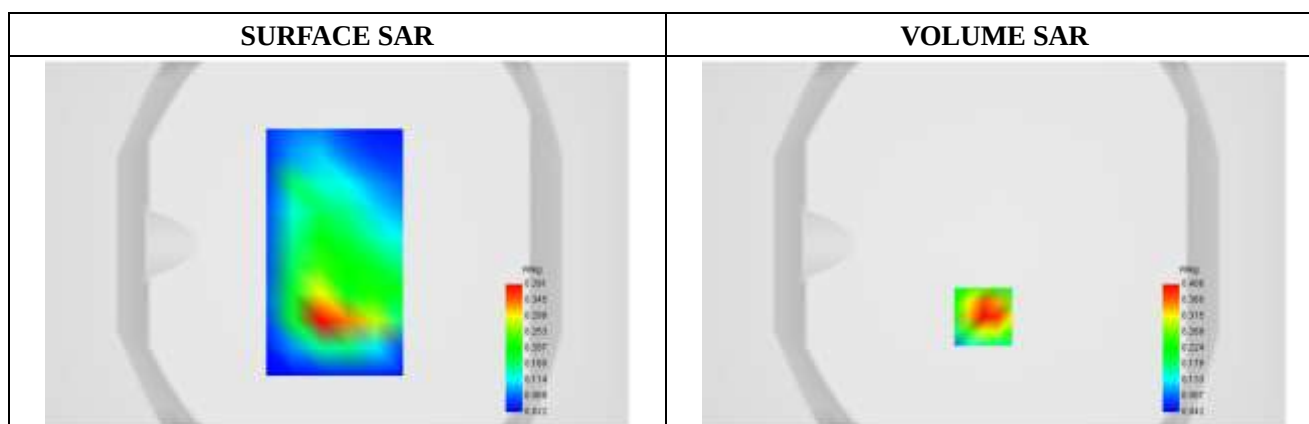
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	39.36
Conductivity (S/m)	1.37
Variation (%)	2.34

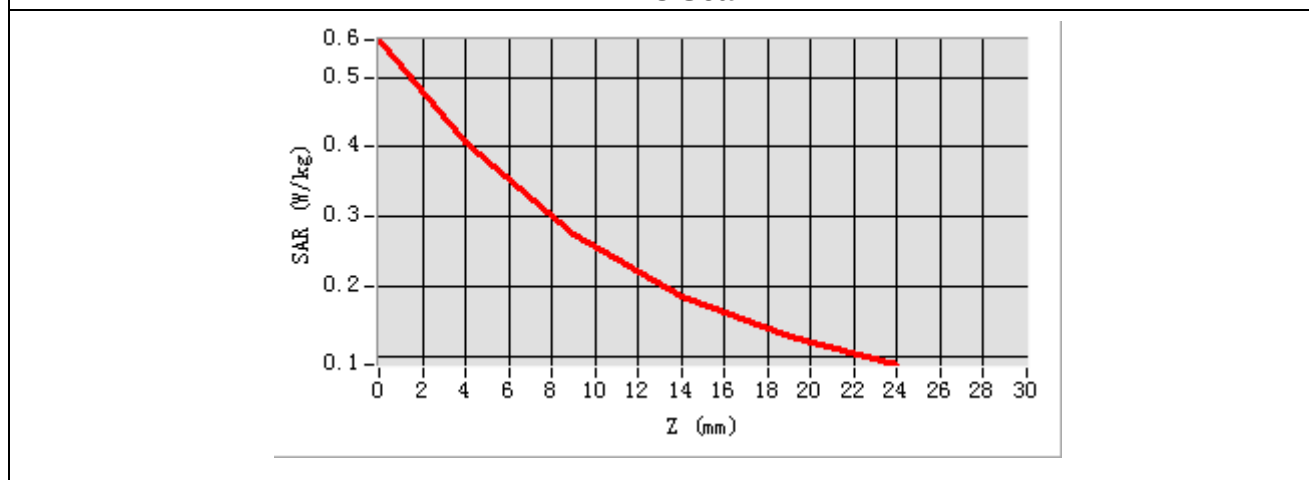
Maximum location: X=-7.00, Y=-40.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.236841
SAR 1g (W/Kg)	0.384992



Z Axis Scan



Testing result (WCDMA1700ANT2, Edge C, High, 10mm)

Type: phone measurement

Date of measurement: 05/17/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1700
Channels	High
Signal	WCDMA(Crest factor: 1.0)

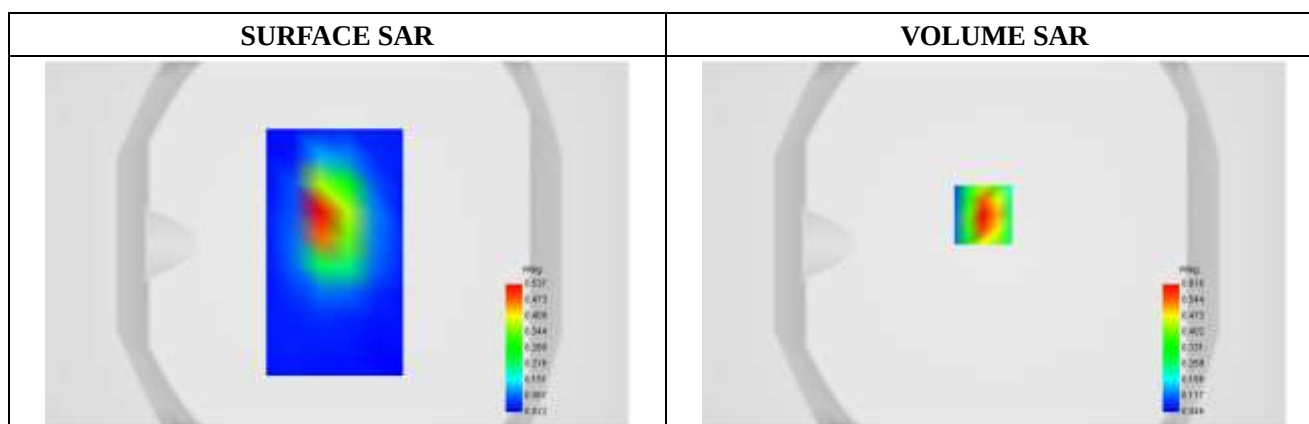
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	39.36
Conductivity (S/m)	1.37
Variation (%)	-3.35

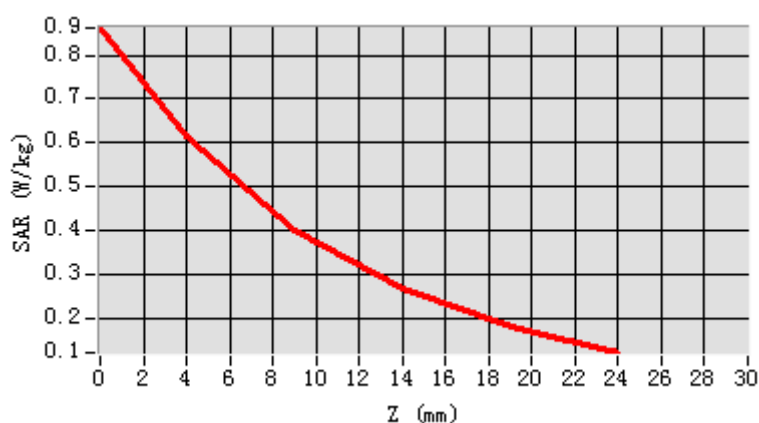
Maximum location: X=-7.00, Y=16.00

SAR Peak:0.87 W/kg

SAR 10g (W/Kg)	0.335544
SAR 1g (W/Kg)	0.573024



Z Axis Scan



Testing result (WCDMA1700ANT4, Right Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	WCDMA1700
Channels	High
Signal	WCDMA(Crest factor: 1.0)

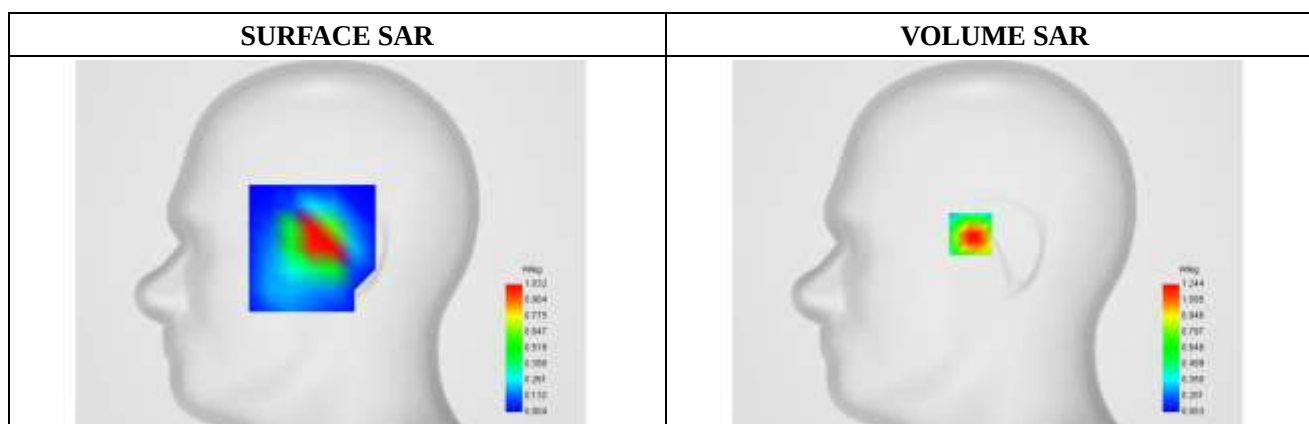
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	39.85
Conductivity (S/m)	1.36
Variation (%)	-2.52

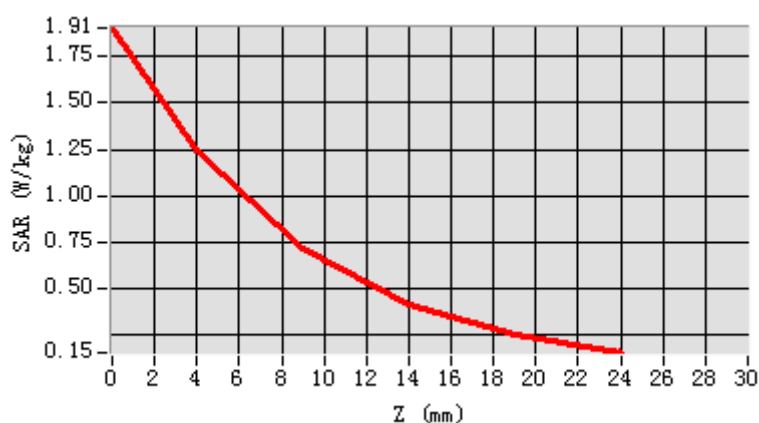
Maximum location: X=33.00, Y=-37.00

SAR Peak: 1.92 W/kg

SAR 10g (W/Kg)	0.522516
SAR 1g (W/Kg)	1.035469



Z Axis Scan



Testing result (WCDMA1700ANT4, Front, High, 10mm)

Type: phone measurement

Date of measurement: 06/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1700
Channels	High
Signal	WCDMA(Crest factor: 1.0)

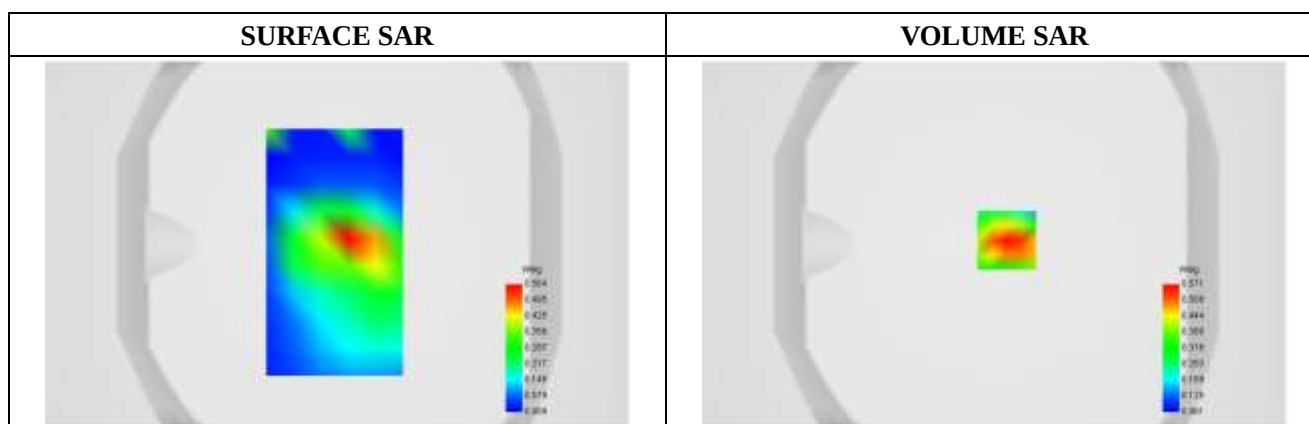
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	39.85
Conductivity (S/m)	1.36
Variation (%)	-2.37

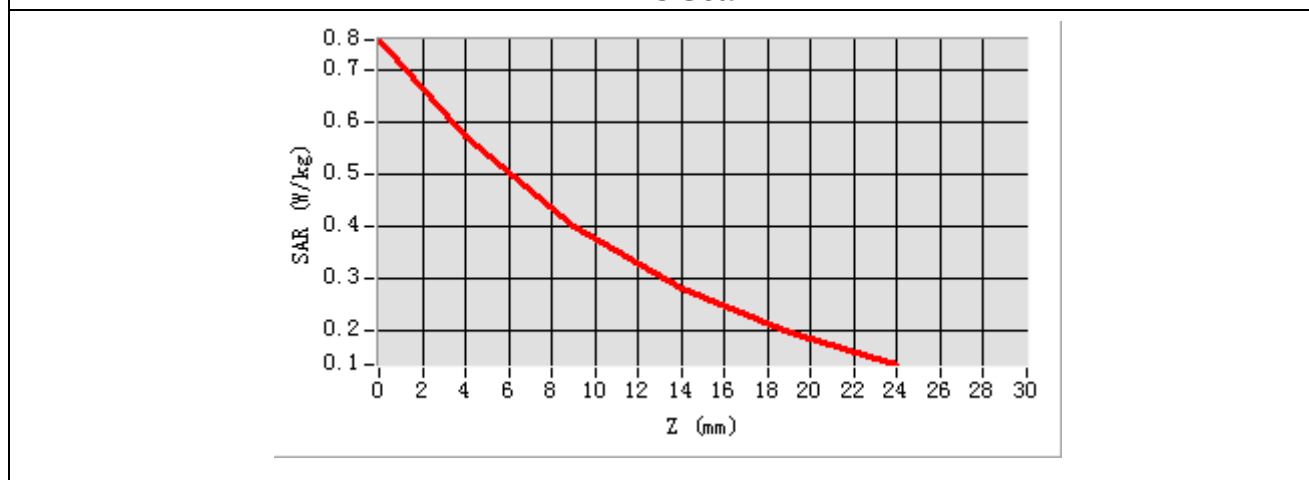
Maximum location: X=6.00, Y=2.00

SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)	0.347848
SAR 1g (W/Kg)	0.539559



Z Axis Scan



Testing result (WCDMA1700ANT4, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1700
Channels	High
Signal	WCDMA(Crest factor: 1.0)

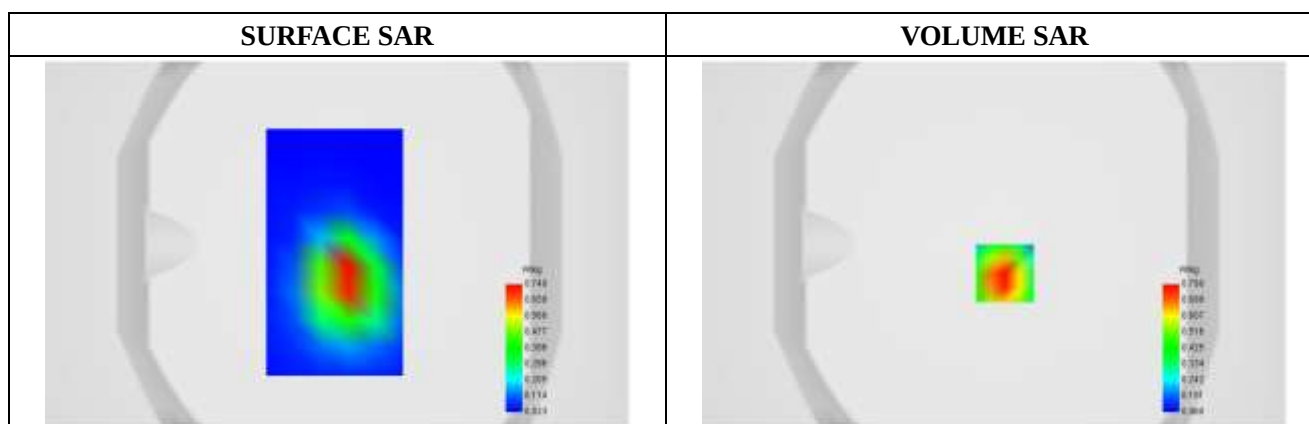
B. SAR Measurement Results

Frequency (MHz)	1752.6
Relative permittivity (real part)	39.85
Conductivity (S/m)	1.36
Variation (%)	-2.92

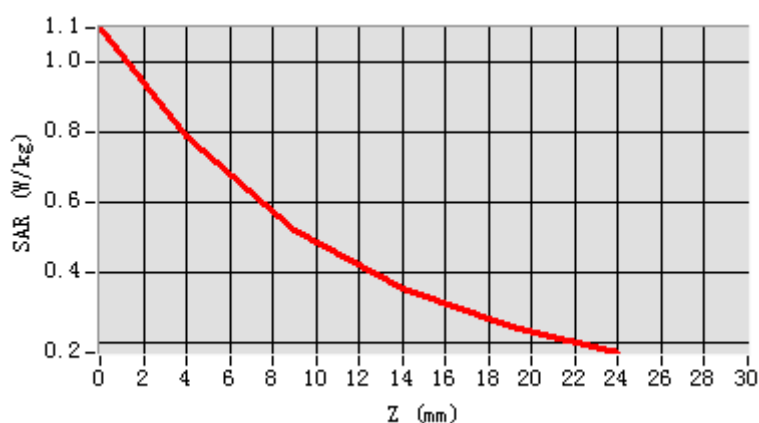
Maximum location: X=5.00, Y=-16.00

SAR Peak: 1.12 W/kg

SAR 10g (W/Kg)	0.456724
SAR 1g (W/Kg)	0.749299



Z Axis Scan



Testing result (WCDMA1900ANT2, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 05/18/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WCDMA1900
Channels	High
Signal	WCDMA(Crest factor: 1.0)

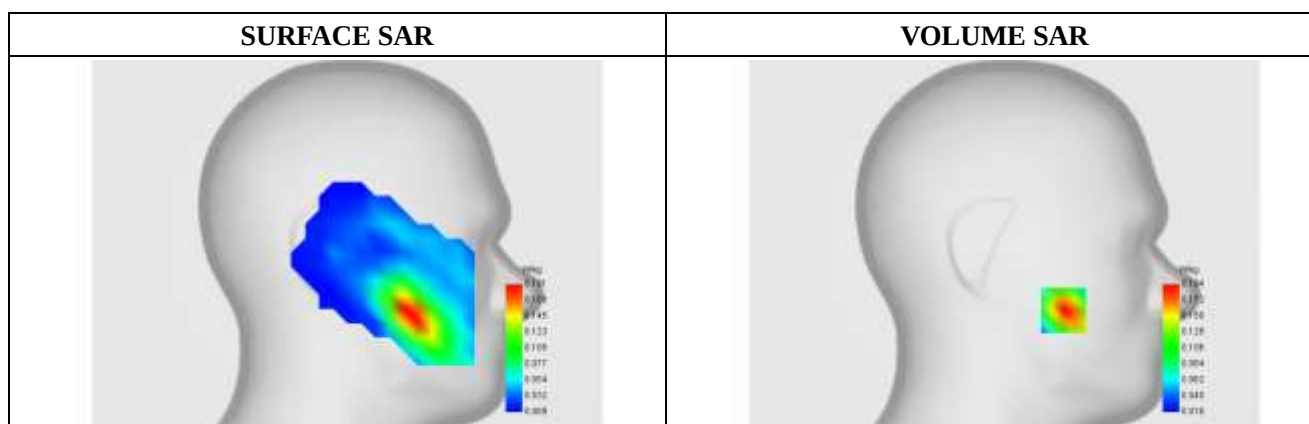
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.44
Variation (%)	-2.04

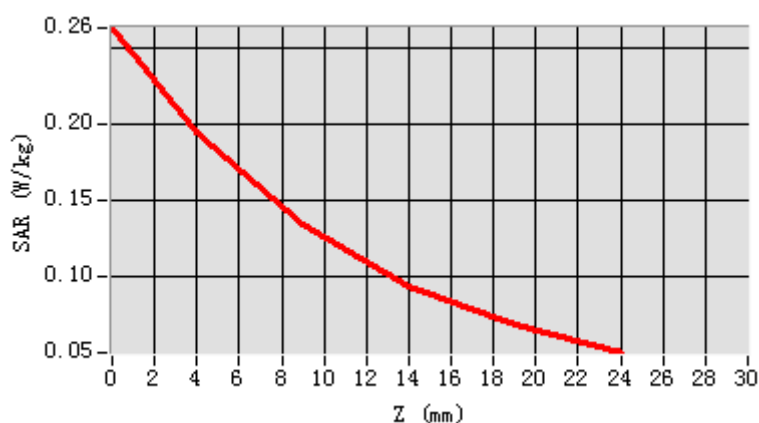
Maximum location: X=-48.00, Y=-47.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.115453
SAR 1g (W/Kg)	0.182320



Z Axis Scan



Testing result (WCDMA1900ANT2, Front, High, 10mm)

Type: phone measurement

Date of measurement: 05/18/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	WCDMA(Crest factor: 1.0)

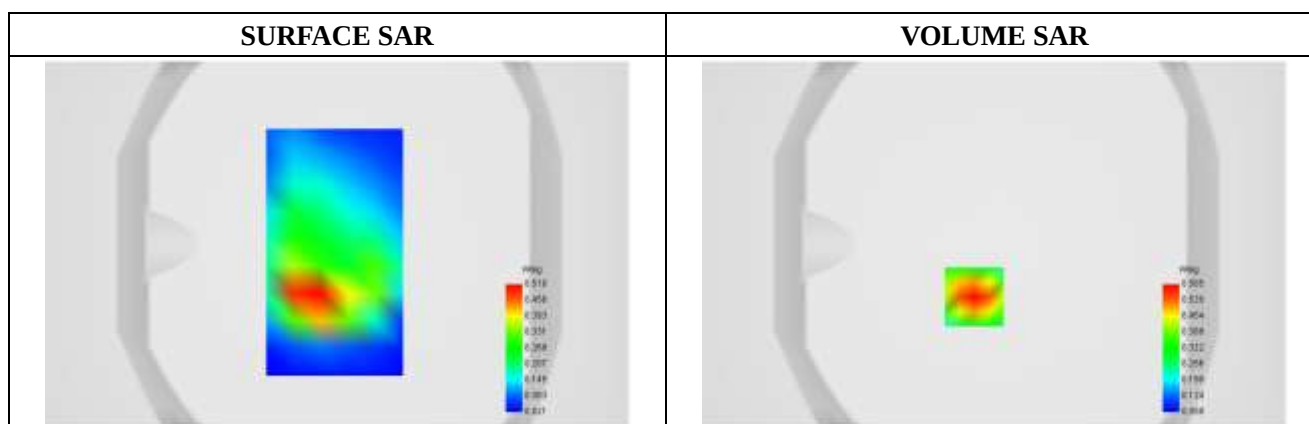
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.44
Variation (%)	-1.54

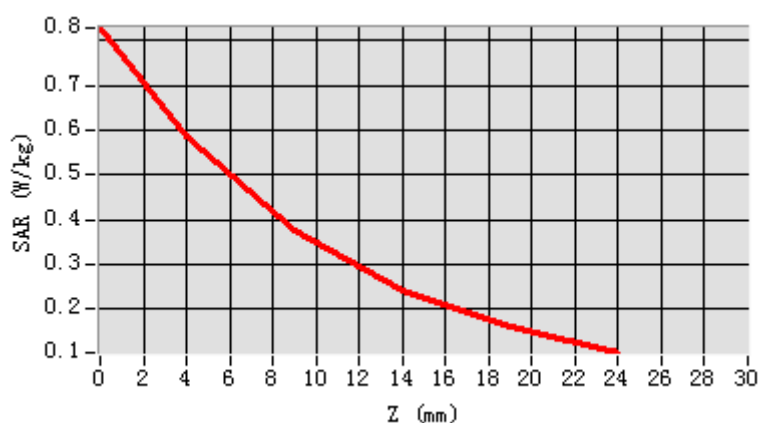
Maximum location: X=-12.00, Y=-29.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.332119
SAR 1g (W/Kg)	0.549491



Z Axis Scan



Testing result (WCDMA1900ANT2, Edge C, High, 10mm)

Type: phone measurement

Date of measurement: 05/18/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA2100
Channels	High
Signal	WCDMA(Crest factor: 1.0)

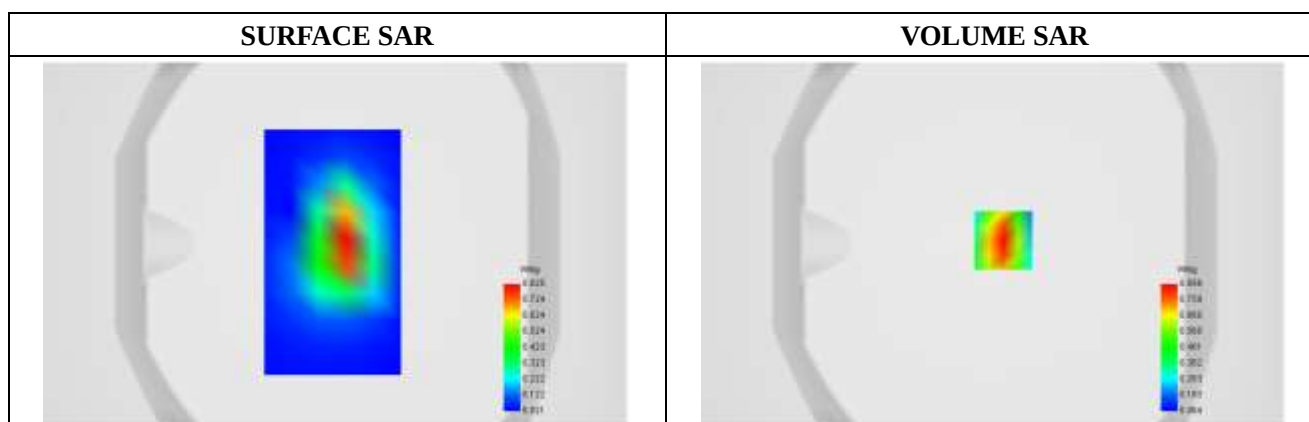
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.29
Conductivity (S/m)	1.44
Variation (%)	-1.99

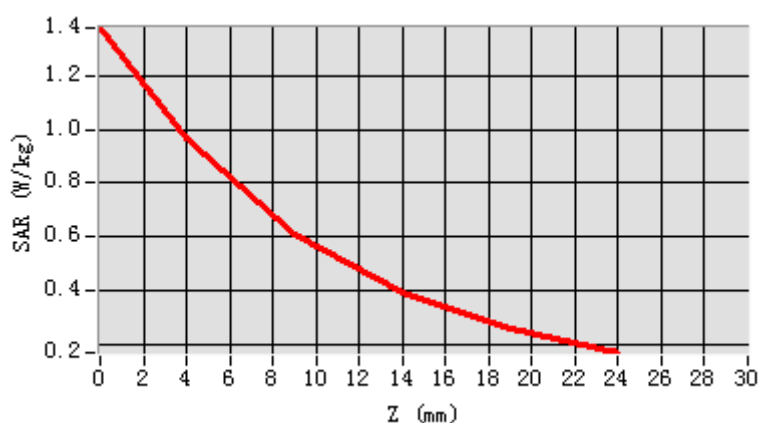
Maximum location: X=5.00, Y=3.00

SAR Peak: 1.38 W/kg

SAR 10g (W/Kg)	0.522371
SAR 1g (W/Kg)	0.898176



Z Axis Scan



Testing result (WCDMA1900ANT4, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WCDMA1900
Channels	High
Signal	WCDMA(Crest factor: 1.0)

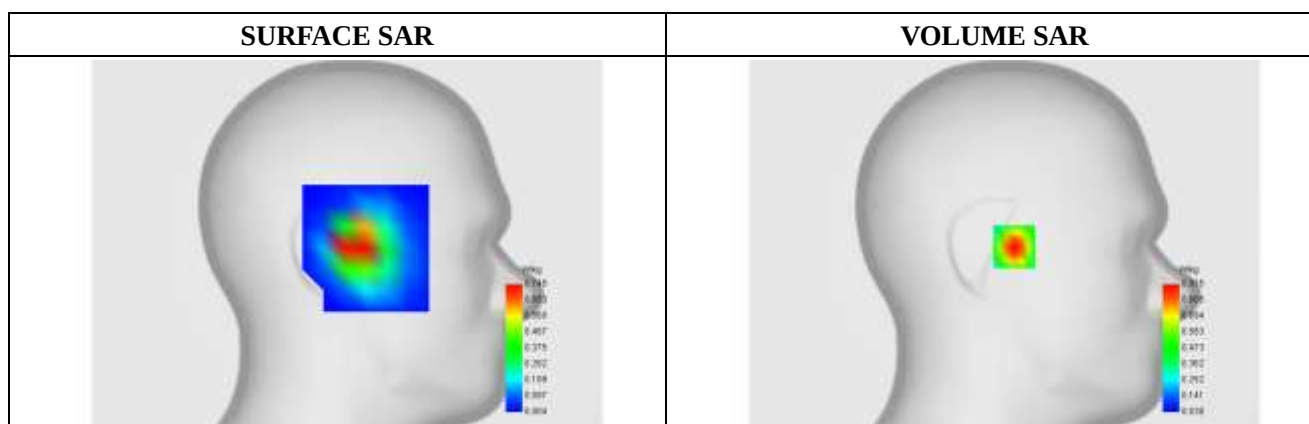
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.40
Variation (%)	1.23

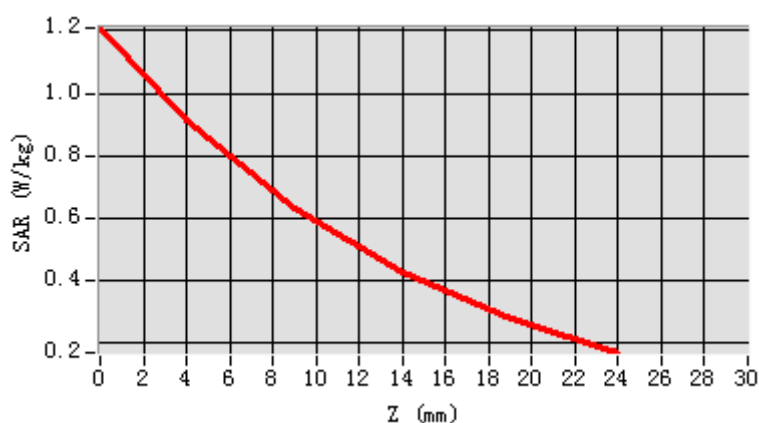
Maximum location: X=-13.00, Y=-2.00

SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.408891
SAR 1g (W/Kg)	0.769285



Z Axis Scan



Testing result (WCDMA1900ANT4, Front, High, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	WCDMA(Crest factor: 1.0)

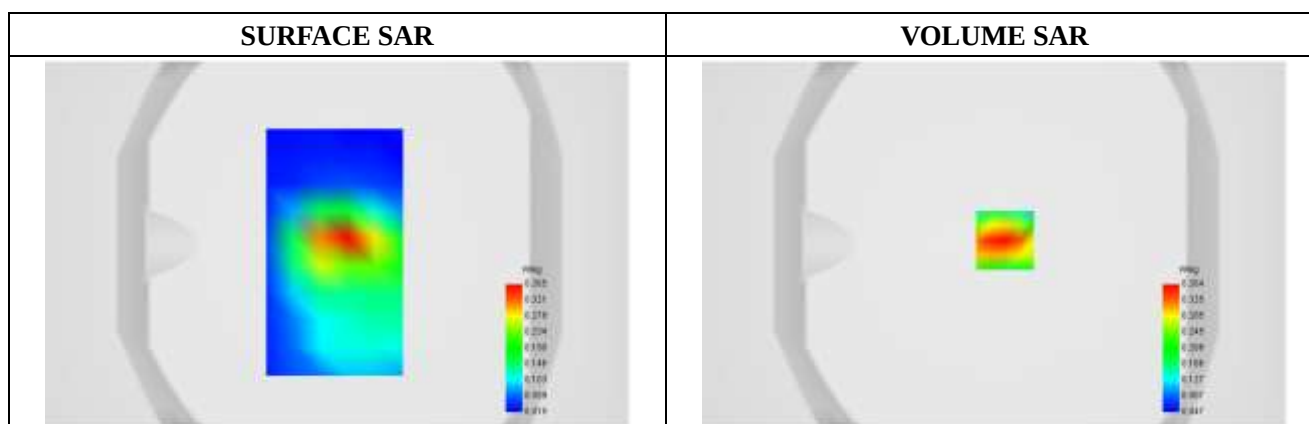
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.40
Variation (%)	3.93

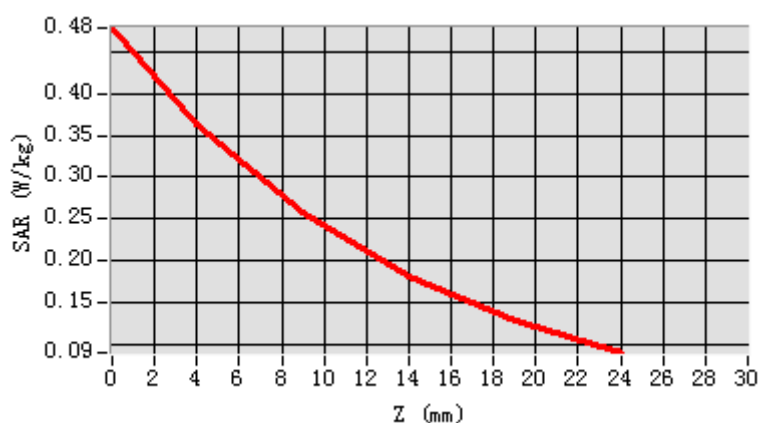
Maximum location: X=5.00, Y=2.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.222639
SAR 1g (W/Kg)	0.347542



Z Axis Scan



Testing result (WCDMA1900ANT4, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WCDMA1900
Channels	High
Signal	WCDMA(Crest factor: 1.0)

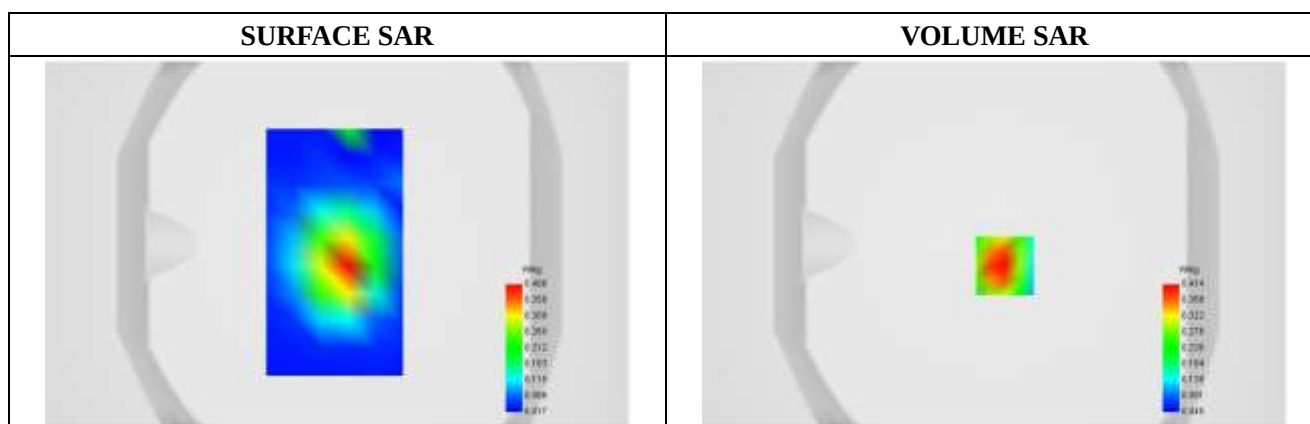
B. SAR Measurement Results

Frequency (MHz)	1907.6
Relative permittivity (real part)	40.33
Conductivity (S/m)	1.40
Variation (%)	-1.81

Maximum location: X=5.00, Y=-12.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.241175
SAR 1g (W/Kg)	0.396543



Z Axis Scan



Testing result (LTE Band 4ANT2, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 05/17/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	LTE Band 4
Channels	Low
Signal	LTE(Crest factor: 1.0)

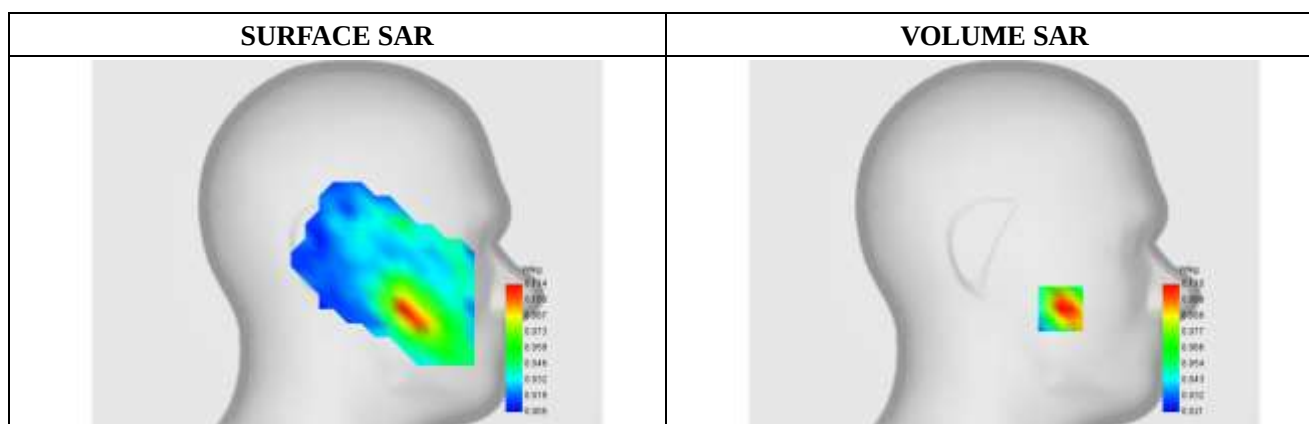
B. SAR Measurement Results

Frequency (MHz)	1720
Relative permittivity (real part)	39.58
Conductivity (S/m)	1.33
Variation (%)	-0.27

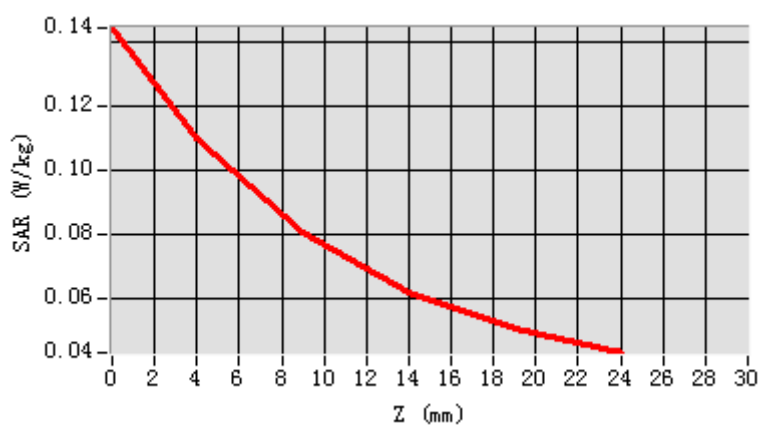
Maximum location: X=-46.00, Y=-46.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.072336
SAR 1g (W/Kg)	0.106283



Z Axis Scan



Testing result (LTE Band 4ANT2, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 05/17/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	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)

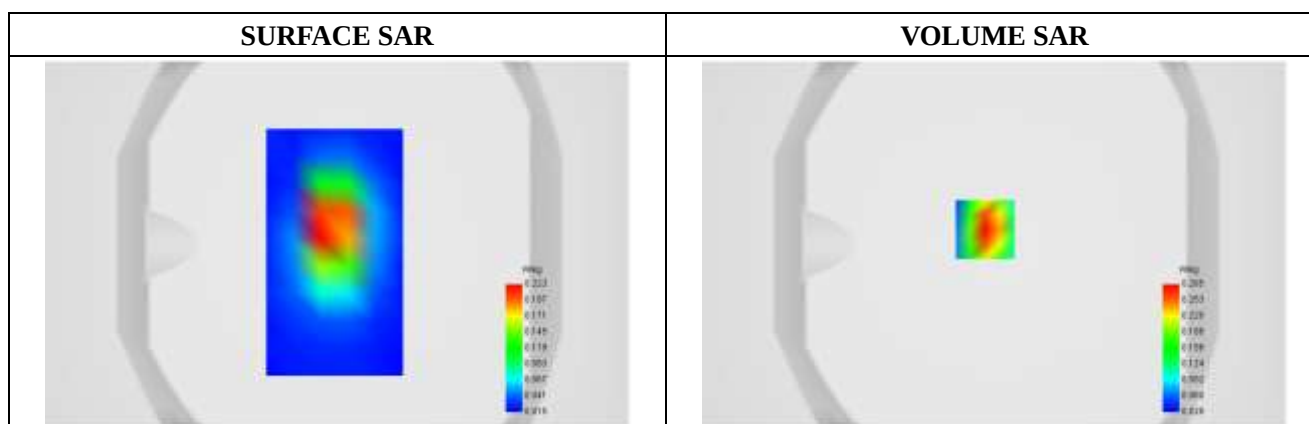
B. SAR Measurement Results

Frequency (MHz)	1720
Relative permittivity (real part)	39.58
Conductivity (S/m)	1.33
Variation (%)	-1.32

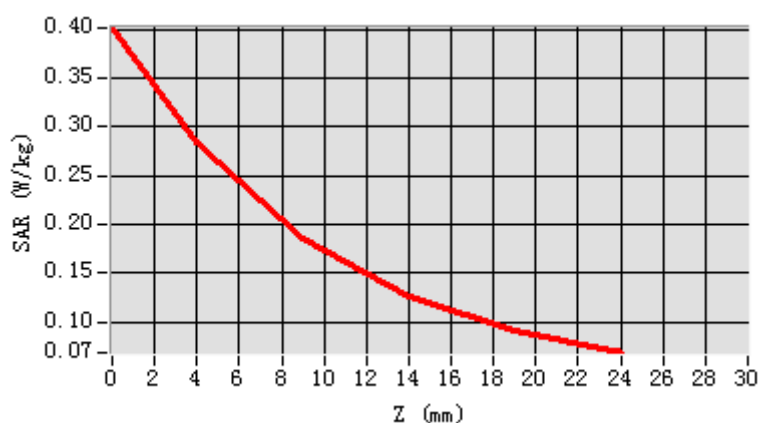
Maximum location: X=-6.00, Y=8.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.159900
SAR 1g (W/Kg)	0.262810



Z Axis Scan



Testing result (LTE Band 4ANT2, Edge C, Low, 10mm)

Type: phone measurement

Date of measurement: 05/17/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 4
Channels	Low
Signal	LTE(Crest factor: 1.0)

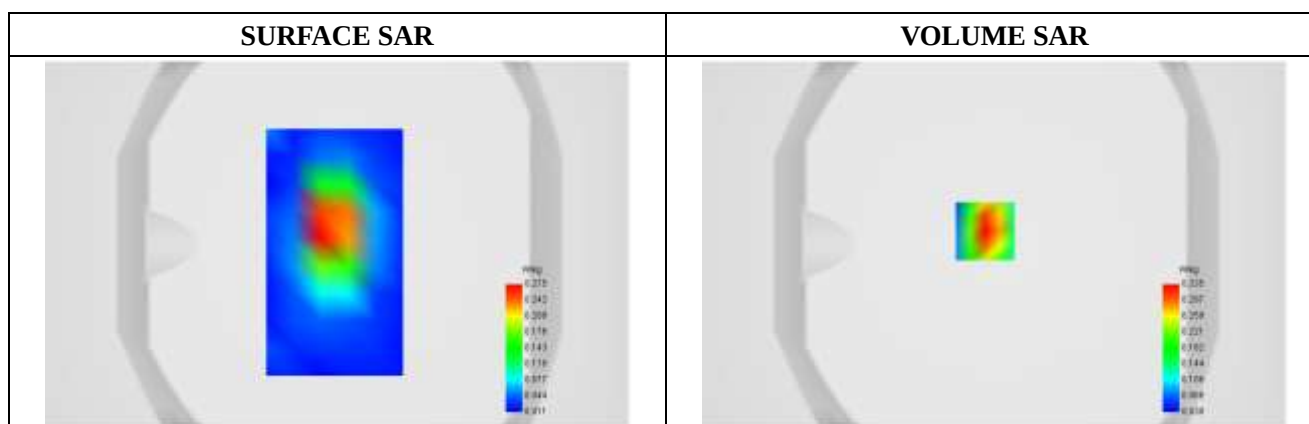
B. SAR Measurement Results

Frequency (MHz)	1720
Relative permittivity (real part)	39.58
Conductivity (S/m)	1.33
Variation (%)	-2.51

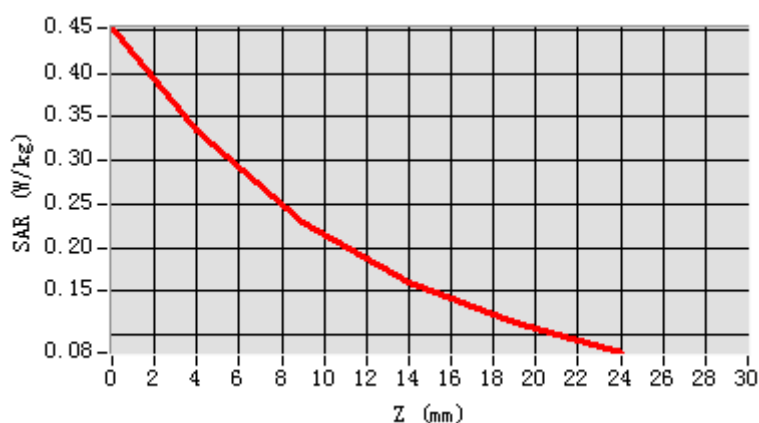
Maximum location: X=-6.00, Y=7.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.191191
SAR 1g (W/Kg)	0.313354



Z Axis Scan



Testing result (LTE Band 4ANT3, Right Cheek Repeat, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	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)

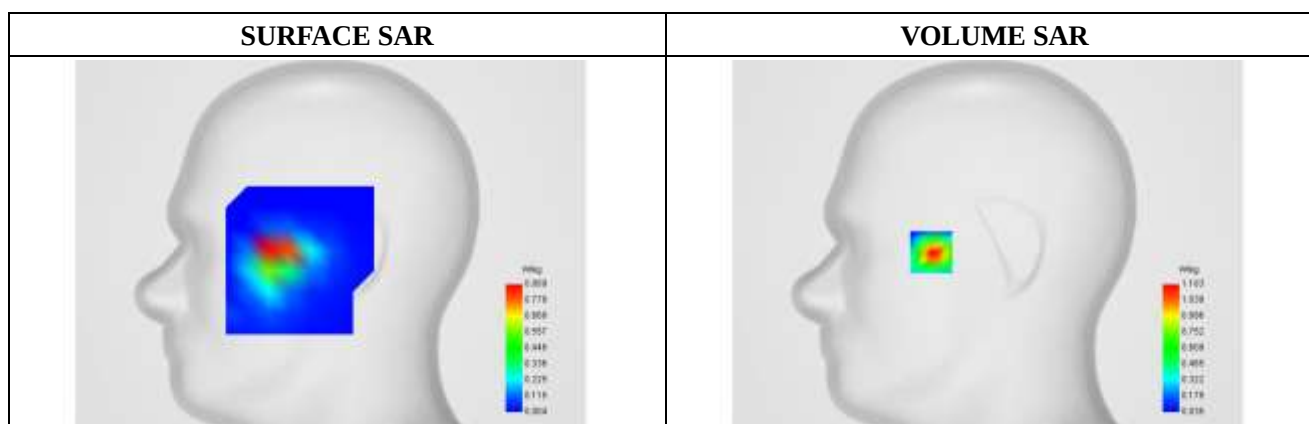
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	39.98
Conductivity (S/m)	1.34
Variation (%)	-0.75

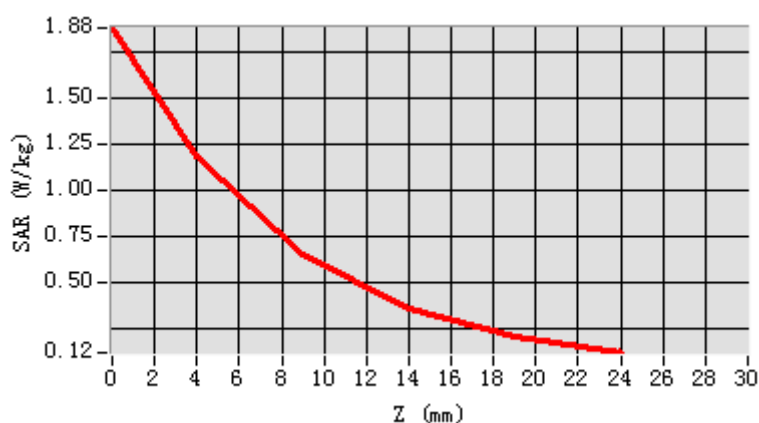
Maximum location: X=-46.00, Y=-6.00

SAR Peak: 1.92 W/kg

SAR 10g (W/Kg)	0.486123
SAR 1g (W/Kg)	0.897182



Z Axis Scan



Testing result (LTE Band 4ANT3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	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)

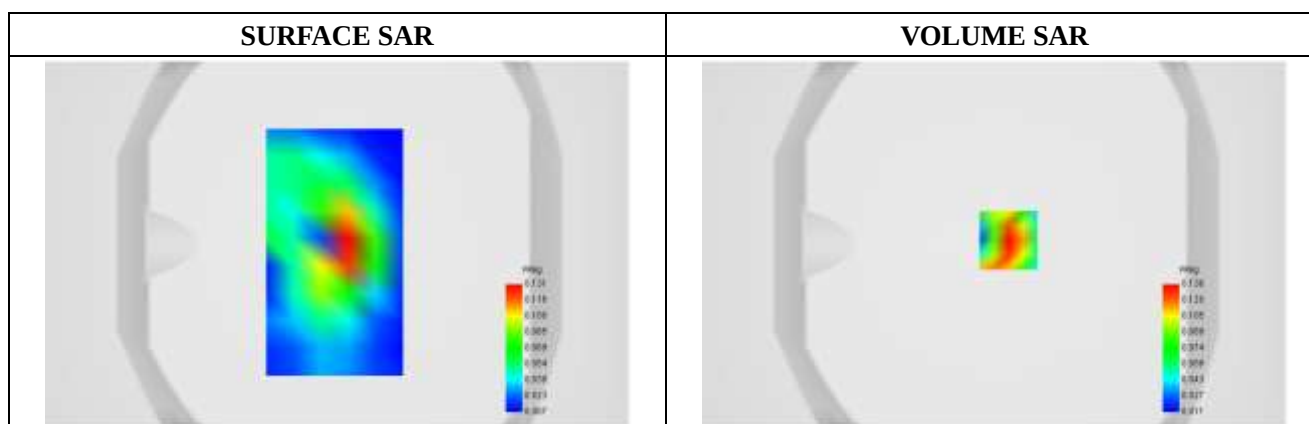
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	39.98
Conductivity (S/m)	1.34
Variation (%)	-4.19

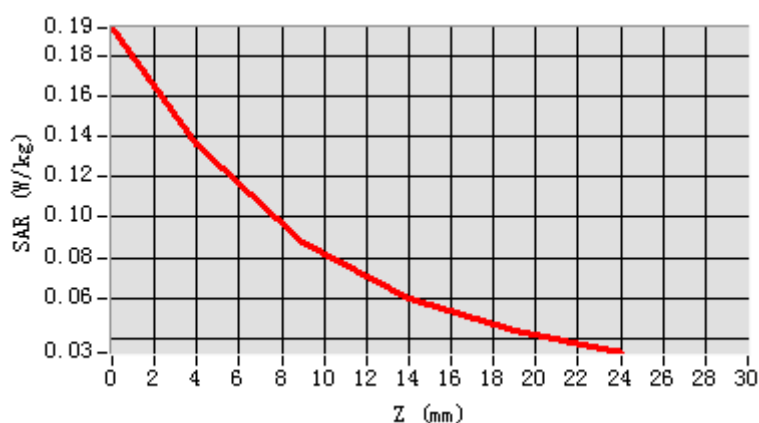
Maximum location: X=7.00, Y=2.00

SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)	0.075902
SAR 1g (W/Kg)	0.127034



Z Axis Scan



Testing result (LTE Band 4ANT3, Edge D, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	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)

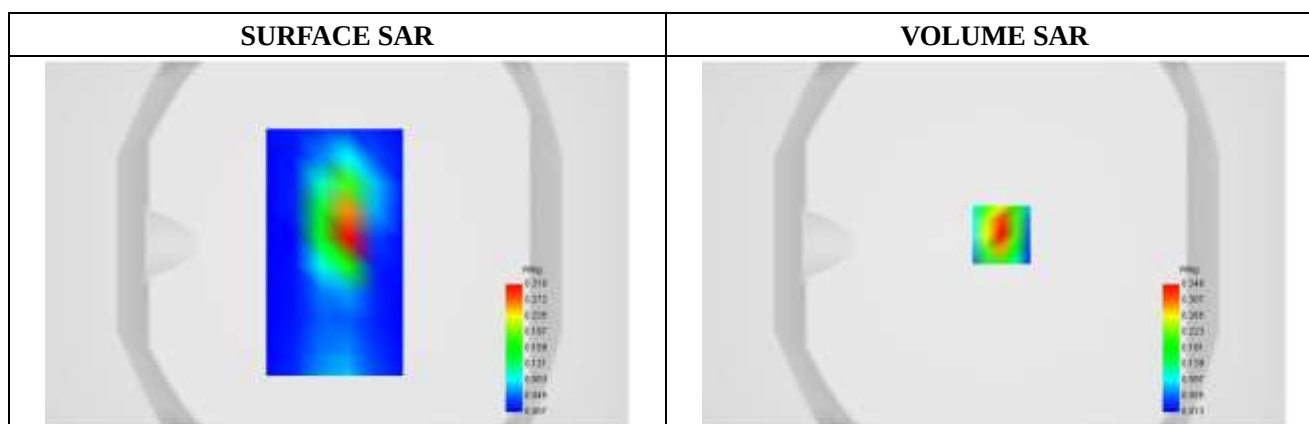
B. SAR Measurement Results

Frequency (MHz)	1732.5
Relative permittivity (real part)	39.98
Conductivity (S/m)	1.34
Variation (%)	0.91

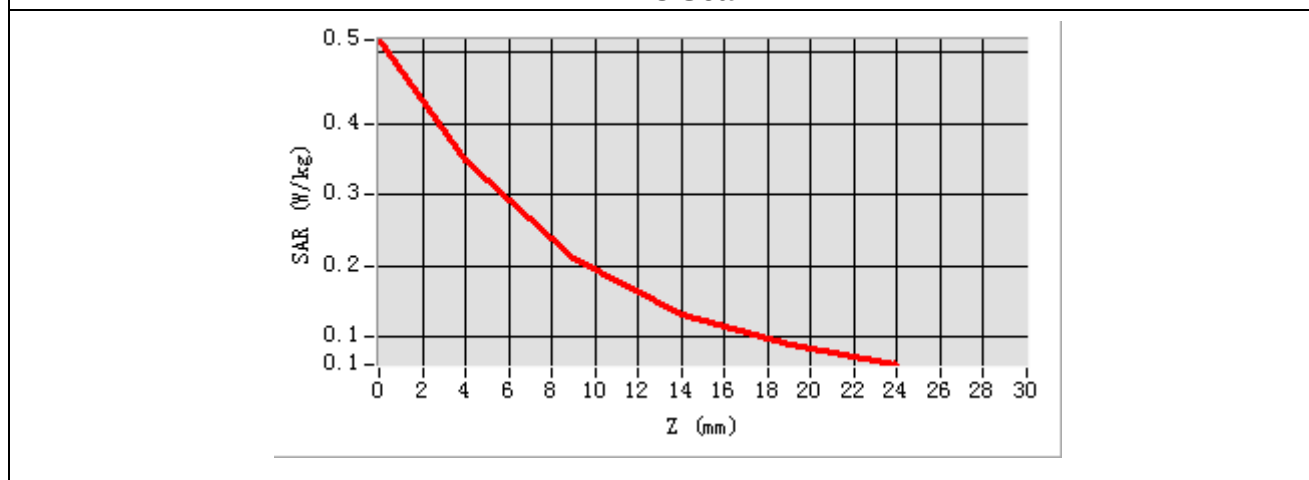
Maximum location: X=3.00, Y=5.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.176326
SAR 1g (W/Kg)	0.321245



Z Axis Scan



Testing result (LTE Band 7ANT2, Right Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 05/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 7
Channels	High
Signal	LTE(Crest factor: 1.0)

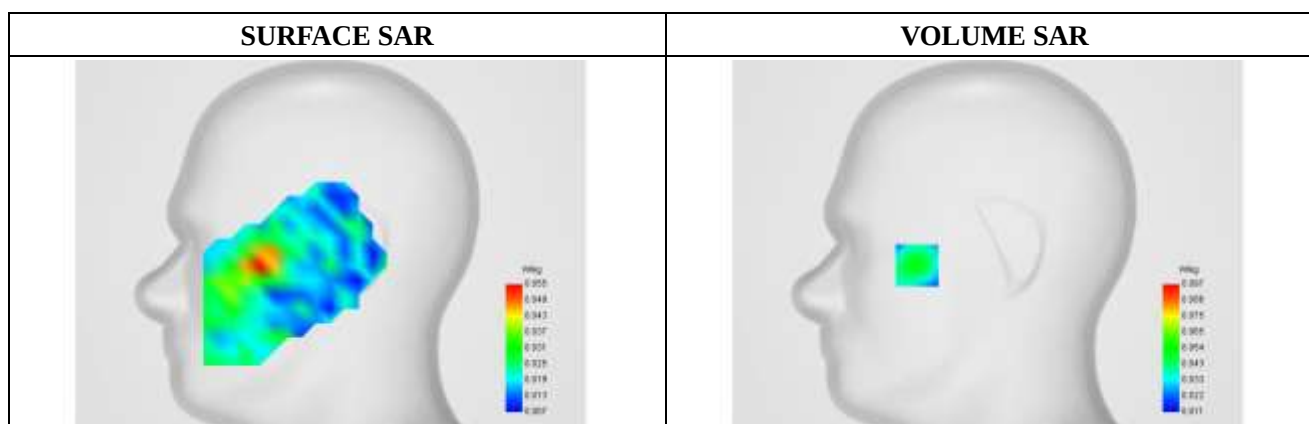
B. SAR Measurement Results

Frequency (MHz)	2560
Relative permittivity (real part)	39.26
Conductivity (S/m)	1.91
Variation (%)	-3.94

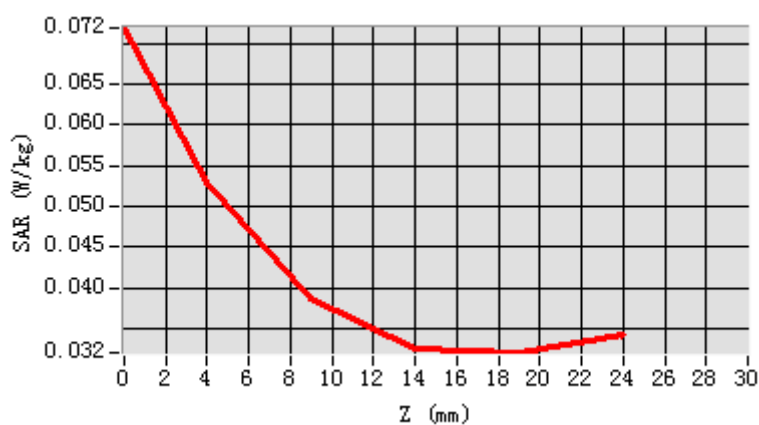
Maximum location: X=-56.00, Y=-15.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.045761
SAR 1g (W/Kg)	0.060503



Z Axis Scan



Testing result (LTE Band 7ANT2, Front, High, 10mm)

Type: phone measurement

Date of measurement: 05/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

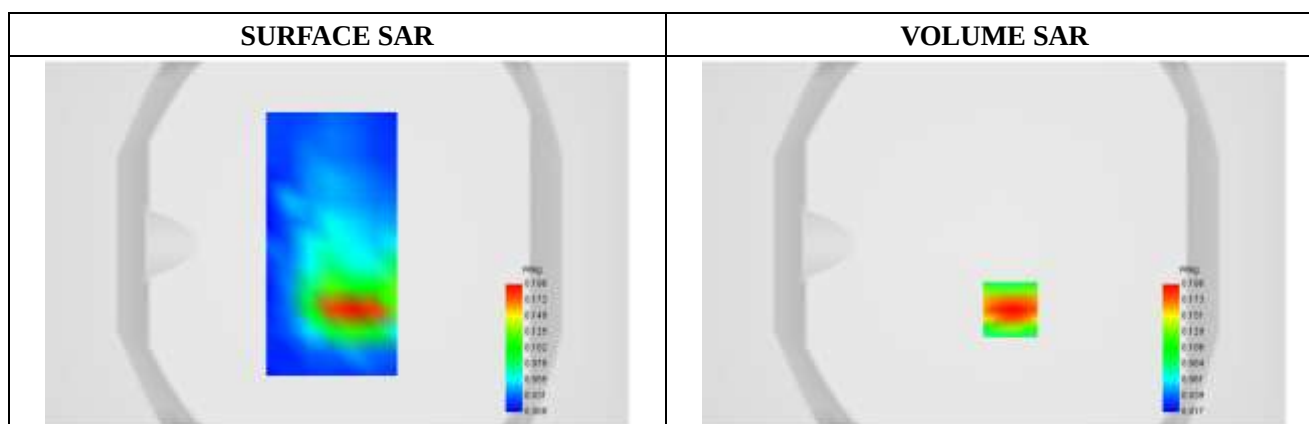
B. SAR Measurement Results

Frequency (MHz)	2560
Relative permittivity (real part)	39.26
Conductivity (S/m)	1.91
Variation (%)	-2.44

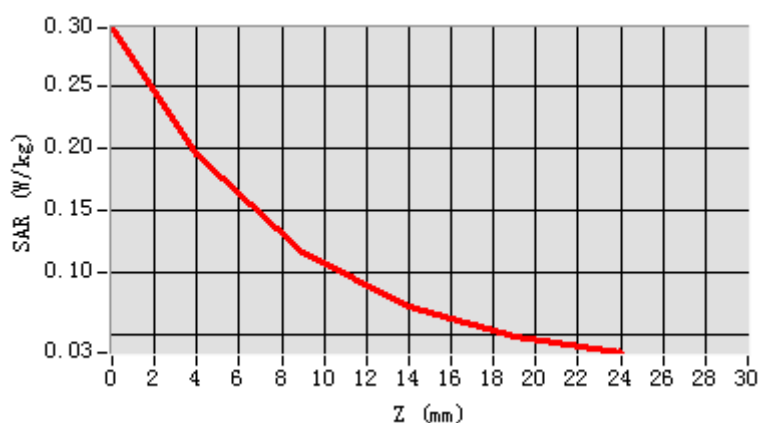
Maximum location: X=8.00, Y=-36.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.105766
SAR 1g (W/Kg)	0.181383



Z Axis Scan



Testing result (LTE Band 7ANT2, Edge C, High, 10mm)

Type: phone measurement

Date of measurement: 05/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

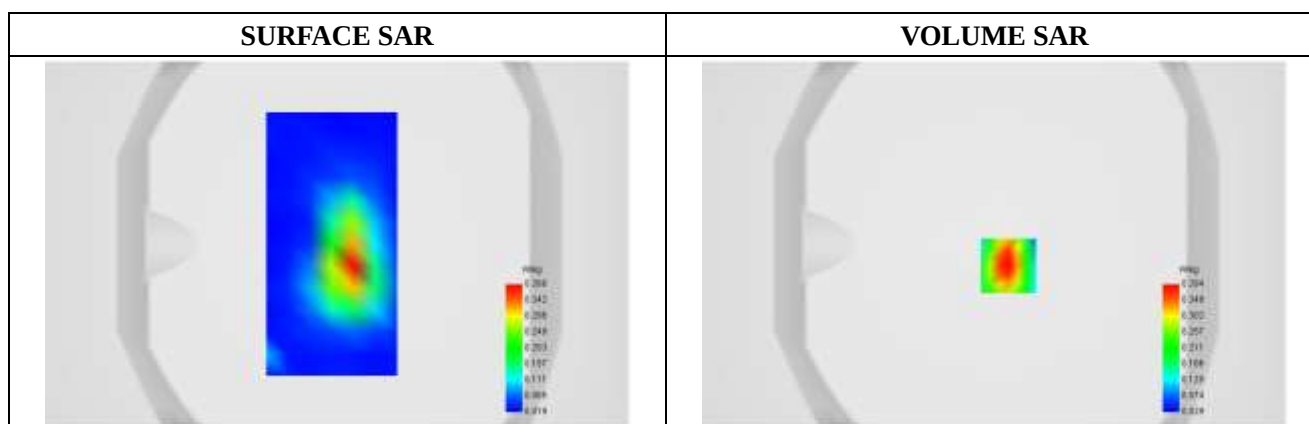
B. SAR Measurement Results

Frequency (MHz)	2535
Relative permittivity (real part)	39.05
Conductivity (S/m)	1.94
Variation (%)	-2.42

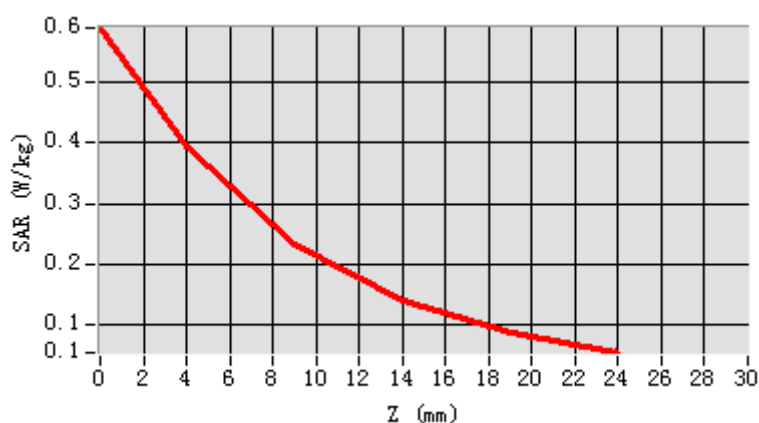
Maximum location: X=7.00, Y=-12.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.200173
SAR 1g (W/Kg)	0.361929



Z Axis Scan



Testing result (LTE Band 7ANT3, Right Cheek Repeat, Middle, 0mm)

Type: phone measurement

Date of measurement: 07/11/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 7
Channels	Middle
Signal	LTE(Crest factor: 1.0)

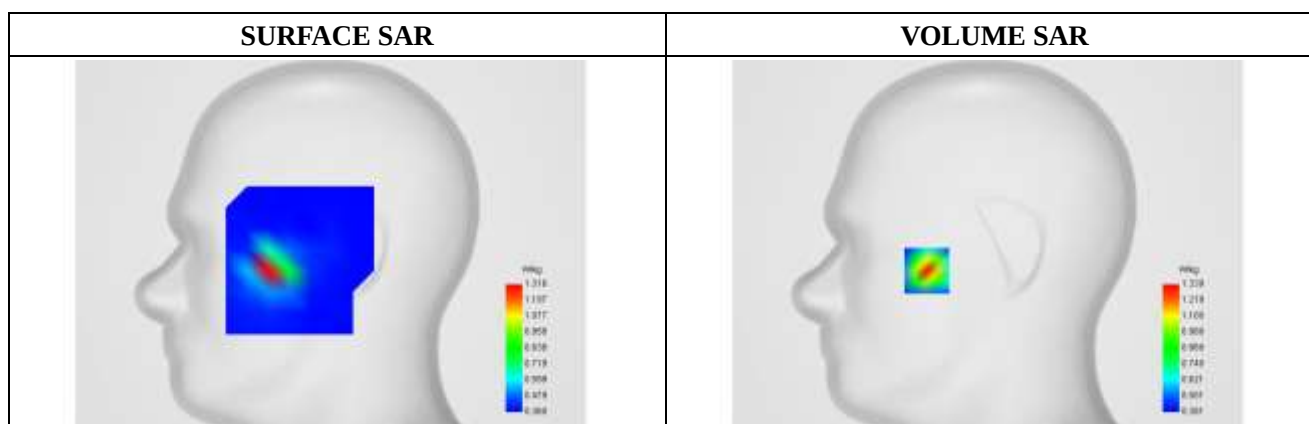
B. SAR Measurement Results

Frequency (MHz)	2535
Relative permittivity (real part)	38.54
Conductivity (S/m)	1.92
Variation (%)	-1.98

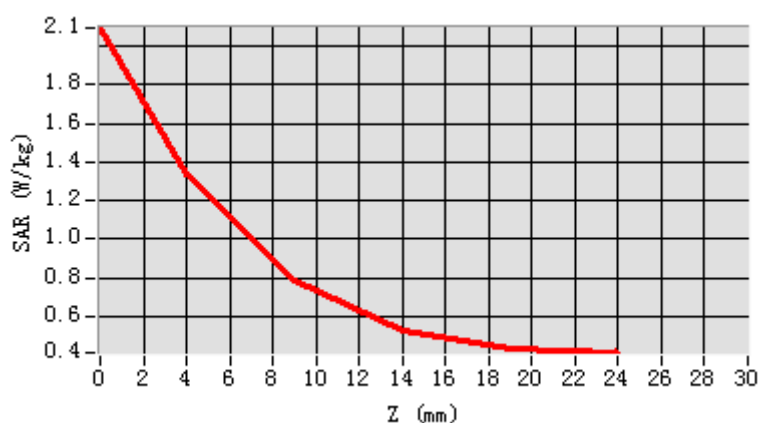
Maximum location: X=-55.00, Y=-2.00

SAR Peak: 2.10 W/kg

SAR 10g (W/Kg)	0.670885
SAR 1g (W/Kg)	1.013084



Z Axis Scan



Testing result (LTE Band 7ANT3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 07/11/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 7
Channels	Middle
Signal	LTE(Crest factor: 1.0)

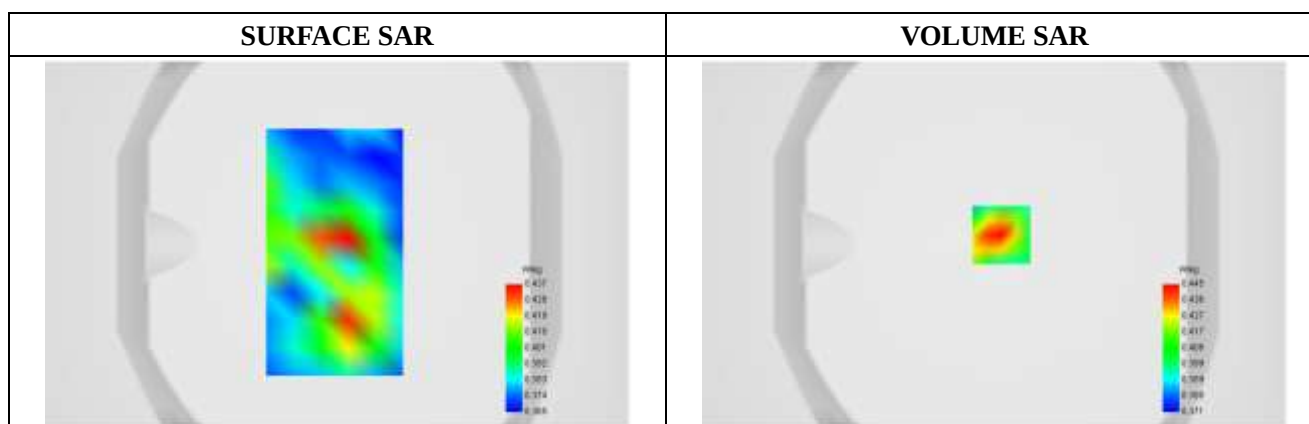
B. SAR Measurement Results

Frequency (MHz)	2535
Relative permittivity (real part)	39.05
Conductivity (S/m)	1.94
Variation (%)	-0.44

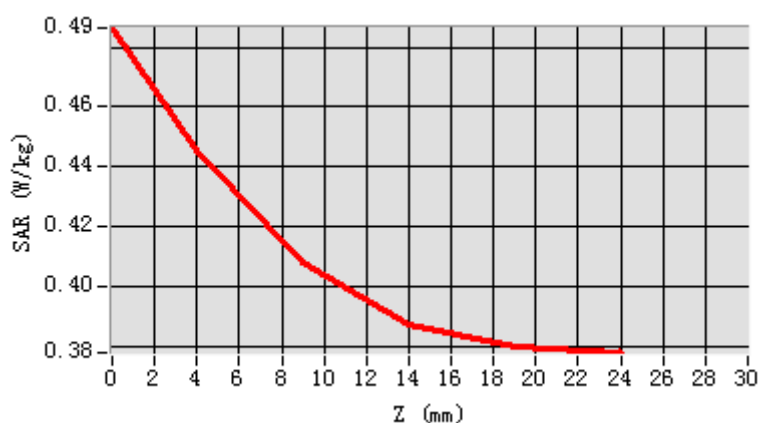
Maximum location: X=3.00, Y=5.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.305782
SAR 1g (W/Kg)	0.449375



Z Axis Scan



Testing result (LTE Band 7ANT3, Edge D, Middle, 10mm)

Type: phone measurement

Date of measurement: 07/11/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 7
Channels	Middle
Signal	LTE(Crest factor: 1.0)

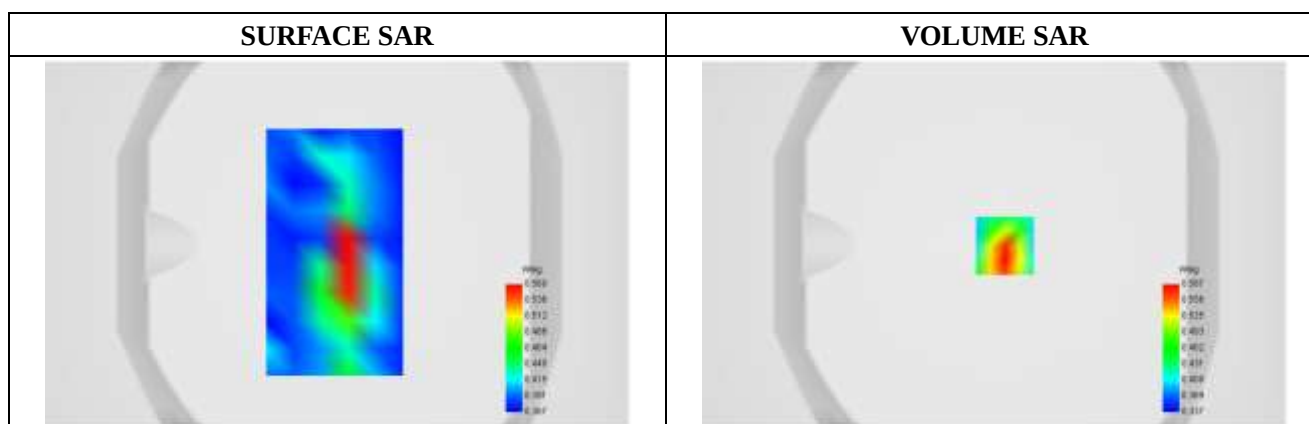
B. SAR Measurement Results

Frequency (MHz)	2535
Relative permittivity (real part)	39.05
Conductivity (S/m)	1.94
Variation (%)	-3.43

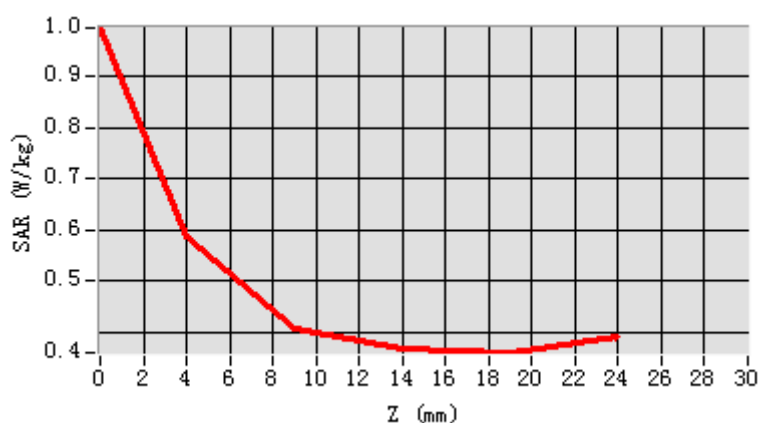
Maximum location: X=5.00, Y=-1.00

SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)	0.448279
SAR 1g (W/Kg)	0.577954



Z Axis Scan



Testing result (LTE Band 5ANT1, Right Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 05/14/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 5
Channels	Low
Signal	LTE(Crest factor: 1.0)

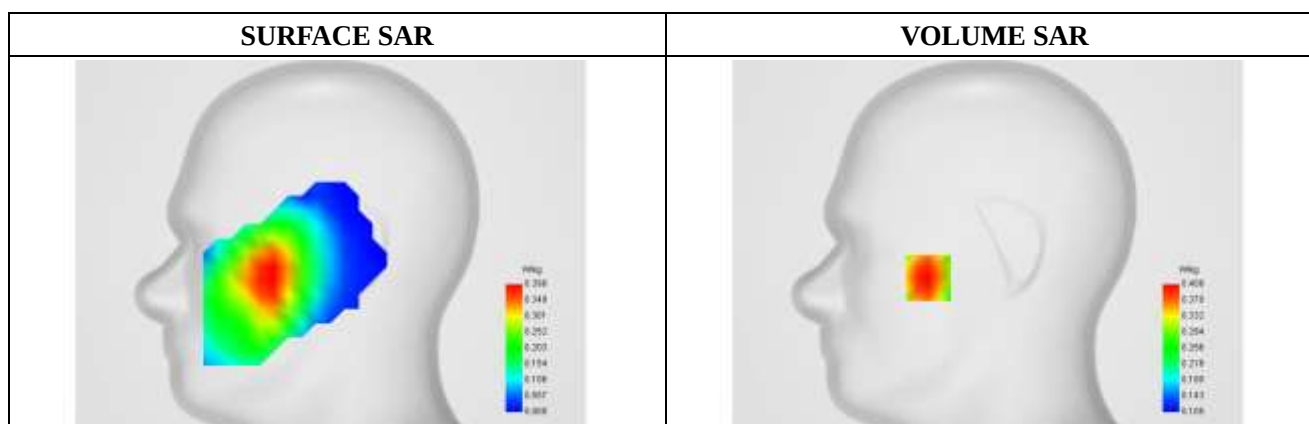
B. SAR Measurement Results

Frequency (MHz)	829
Relative permittivity (real part)	41.42
Conductivity (S/m)	0.88
Variation (%)	-1.83

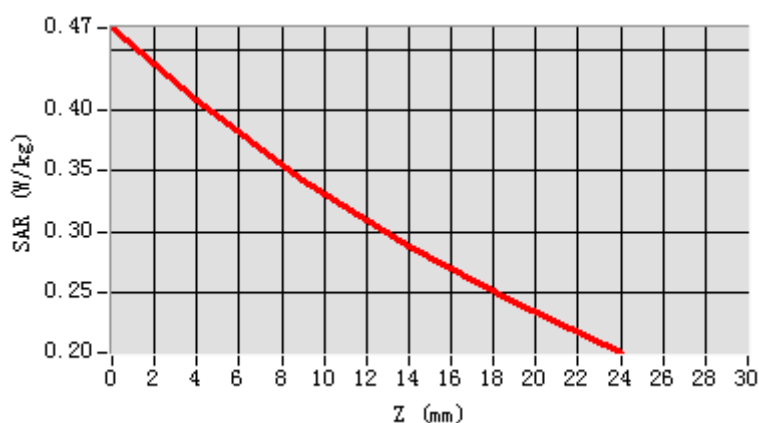
Maximum location: X=-48.00, Y=-24.00

SAR Peak: 0.47 W/kg

SAR 10g (W/Kg)	0.313001
SAR 1g (W/Kg)	0.396348



Z Axis Scan



Testing result (LTE Band 5ANT1, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 05/14/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 5
Channels	Low
Signal	LTE(Crest factor: 1.0)

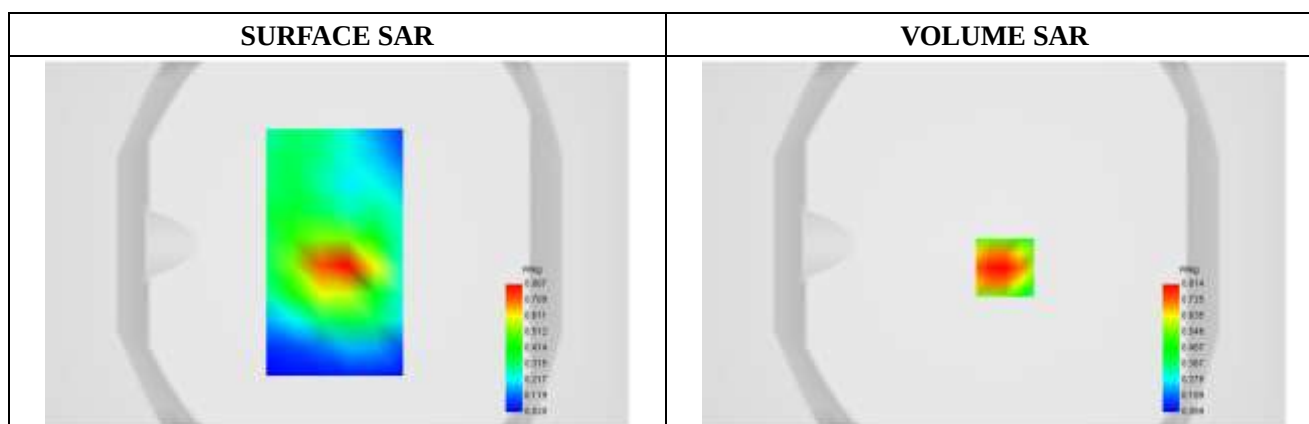
B. SAR Measurement Results

Frequency (MHz)	829
Relative permittivity (real part)	41.42
Conductivity (S/m)	0.88
Variation (%)	-2.98

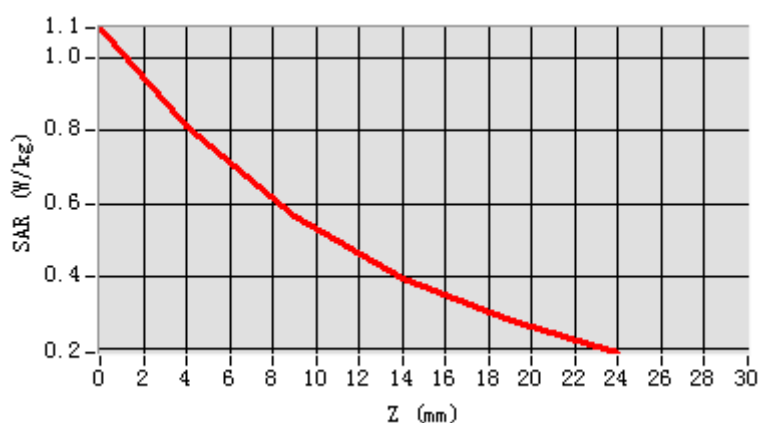
Maximum location: X=5.00, Y=-13.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.523159
SAR 1g (W/Kg)	0.779803



Z Axis Scan



Testing result (LTE Band 12ANT1, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 05/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	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)

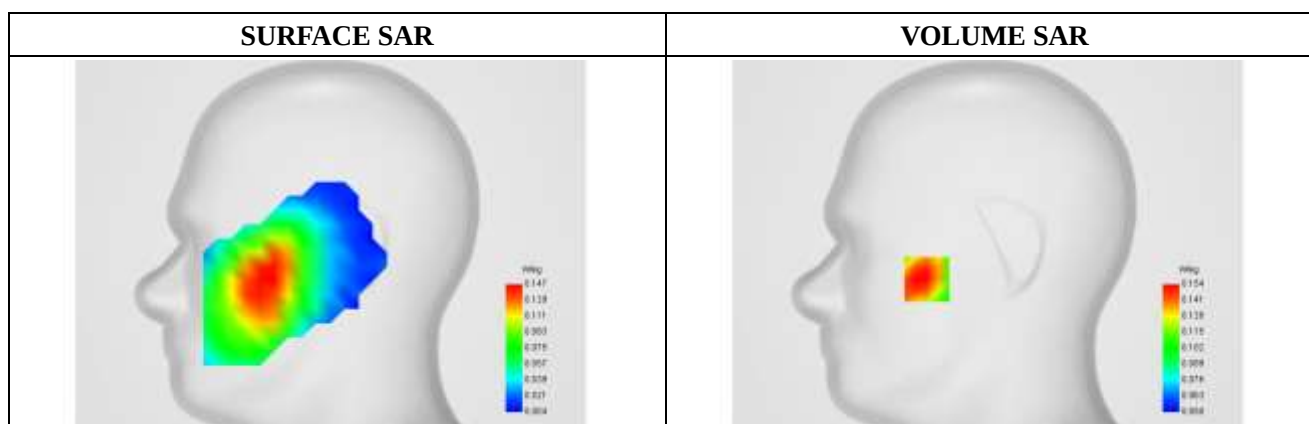
B. SAR Measurement Results

Frequency (MHz)	707.5
Relative permittivity (real part)	41.87
Conductivity (S/m)	0.81
Variation (%)	-0.49

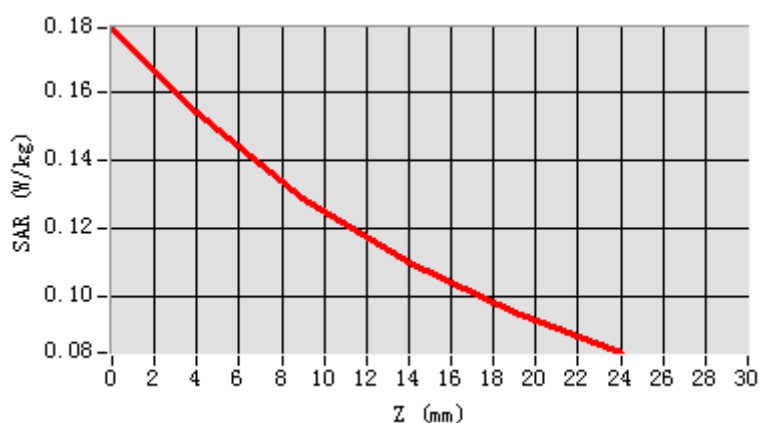
Maximum location: X=-49.00, Y=-25.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.123687
SAR 1g (W/Kg)	0.154050



Z Axis Scan



Testing result (LTE Band 12ANT1, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	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)

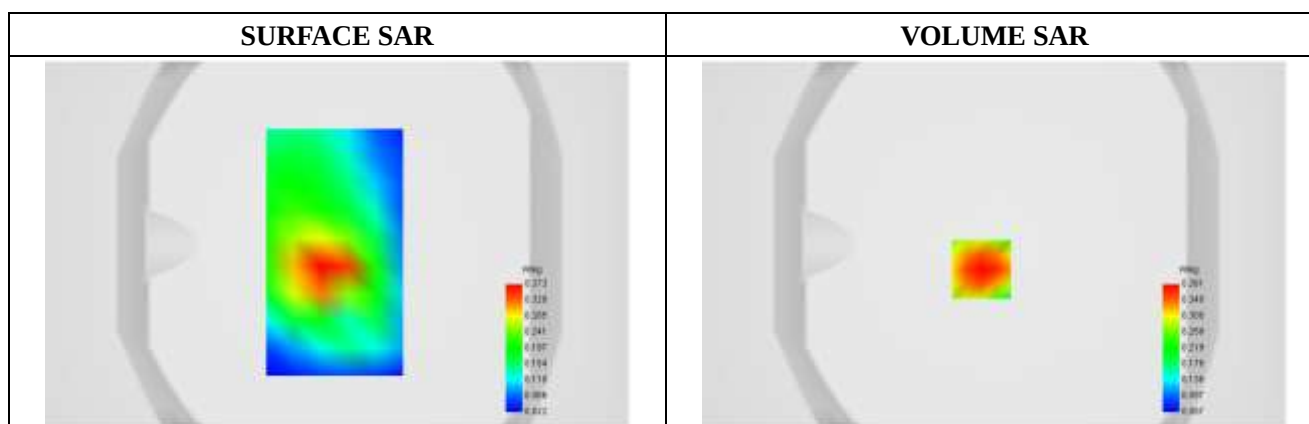
B. SAR Measurement Results

Frequency (MHz)	707.5
Relative permittivity (real part)	41.87
Conductivity (S/m)	0.81
Variation (%)	-2.84

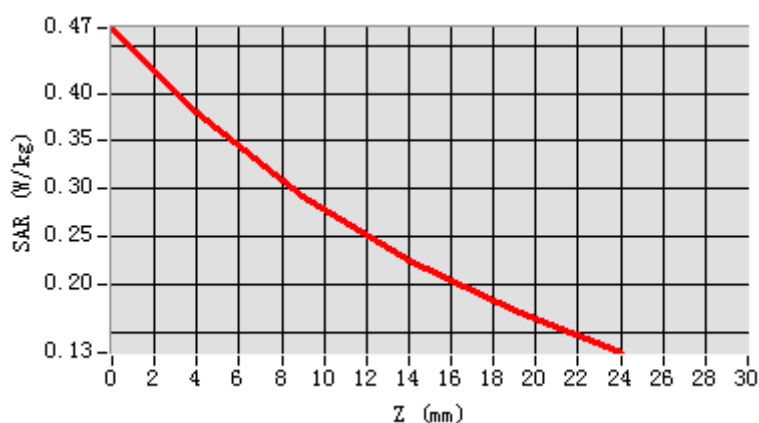
Maximum location: X=-8.00, Y=-14.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.272060
SAR 1g (W/Kg)	0.373323



Z Axis Scan



Testing result (LTE Band 17ANT1, Right Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 05/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 17
Channels	Low
Signal	LTE(Crest factor: 1.0)

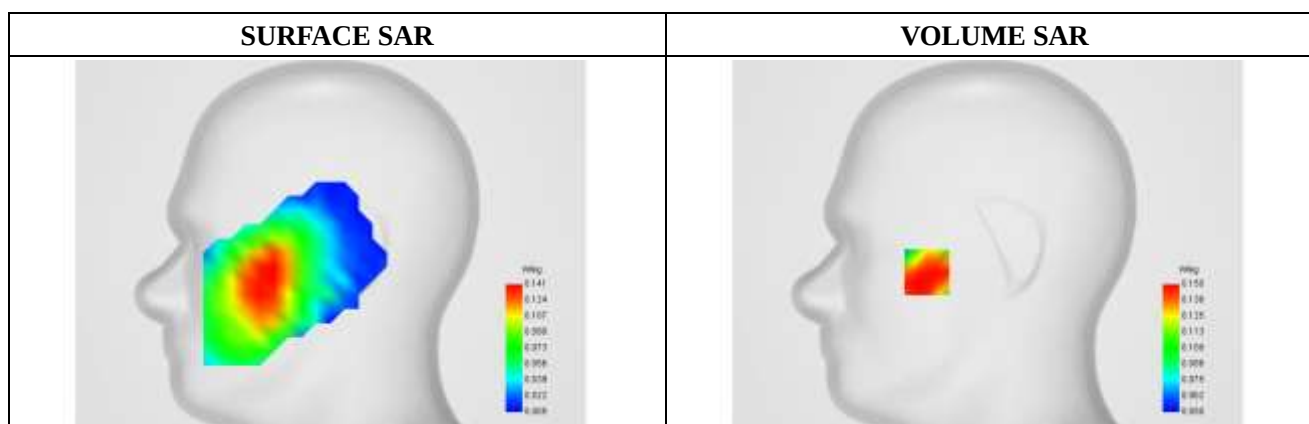
B. SAR Measurement Results

Frequency (MHz)	709
Relative permittivity (real part)	41.84
Conductivity (S/m)	0.80
Variation (%)	-3.55

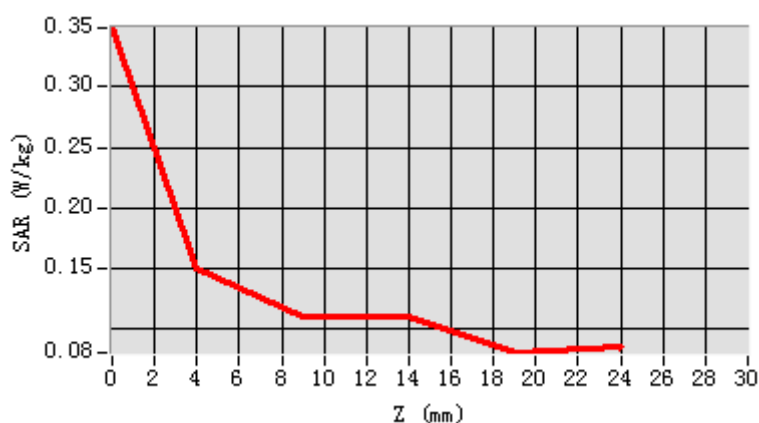
Maximum location: X=-49.00, Y=-20.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.124670
SAR 1g (W/Kg)	0.157645



Z Axis Scan



Testing result (LTE Band 17ANT1, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 05/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE Band 17
Channels	Low
Signal	LTE(Crest factor: 1.0)

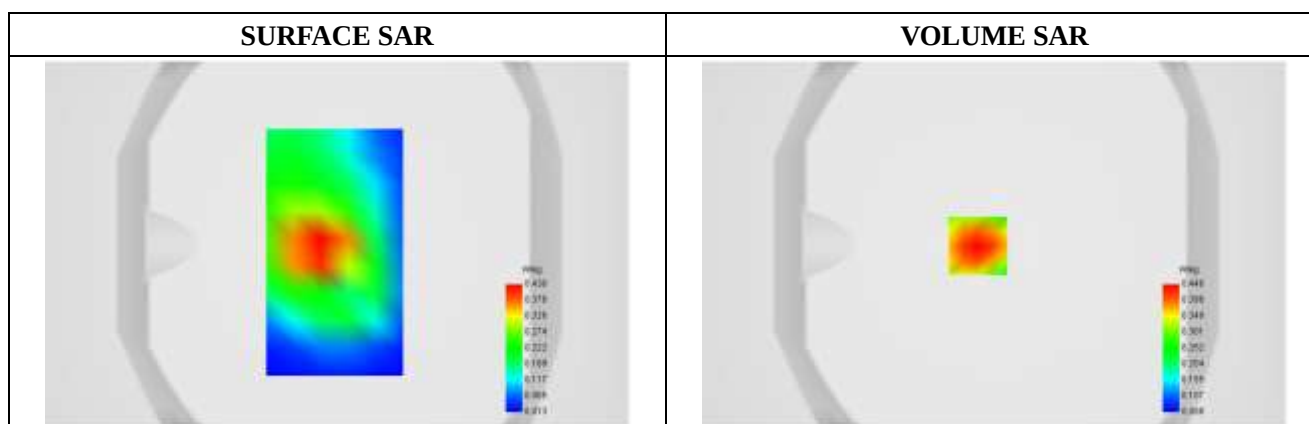
B. SAR Measurement Results

Frequency (MHz)	709
Relative permittivity (real part)	41.84
Conductivity (S/m)	0.80
Variation (%)	0.94

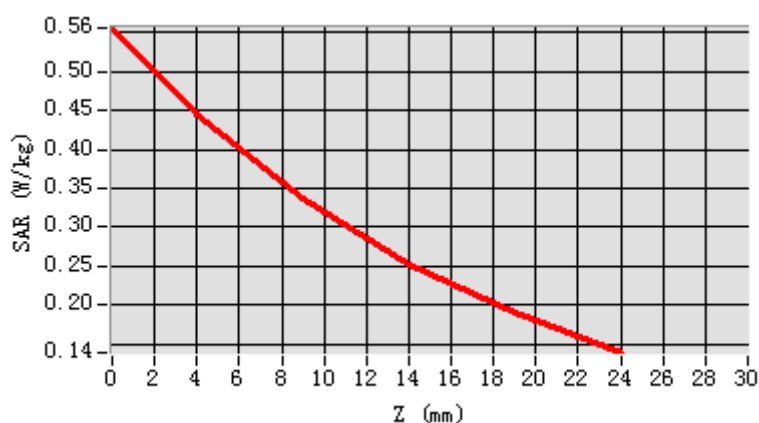
Maximum location: X=-10.00, Y=-1.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.313208
SAR 1g (W/Kg)	0.426086



Z Axis Scan



Testing result (LTE Band 41ANT2, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 05/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

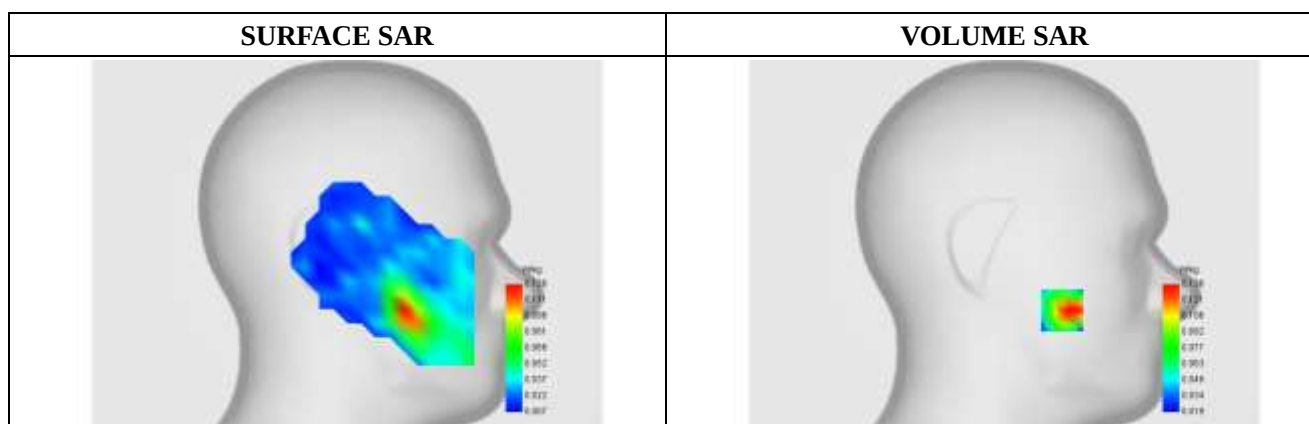
B. SAR Measurement Results

Frequency (MHz)	2593
Relative permittivity (real part)	39.18
Conductivity (S/m)	1.94
Variation (%)	1.68

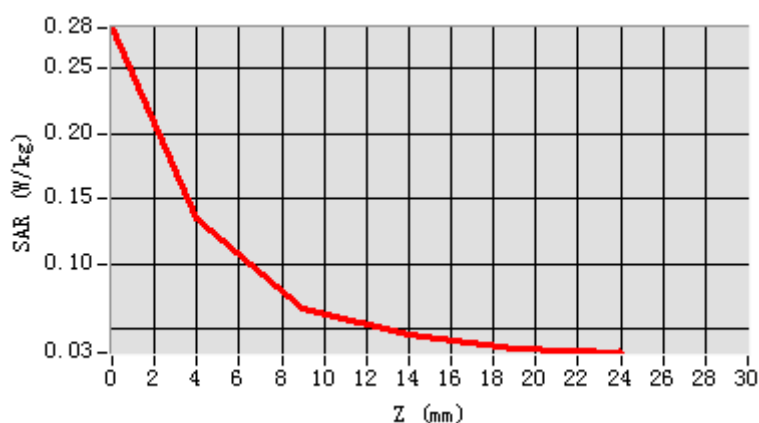
Maximum location: X=-47.00, Y=-47.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.071893
SAR 1g (W/Kg)	0.129941



Z Axis Scan



Testing result (LTE Band 41ANT2, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

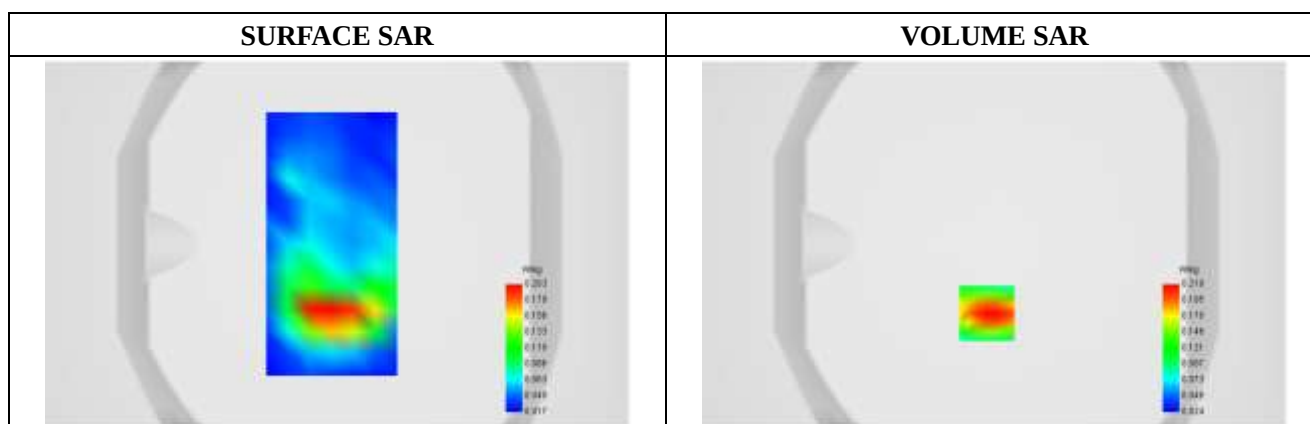
B. SAR Measurement Results

Frequency (MHz)	2593
Relative permittivity (real part)	39.18
Conductivity (S/m)	1.94
Variation (%)	-3.84

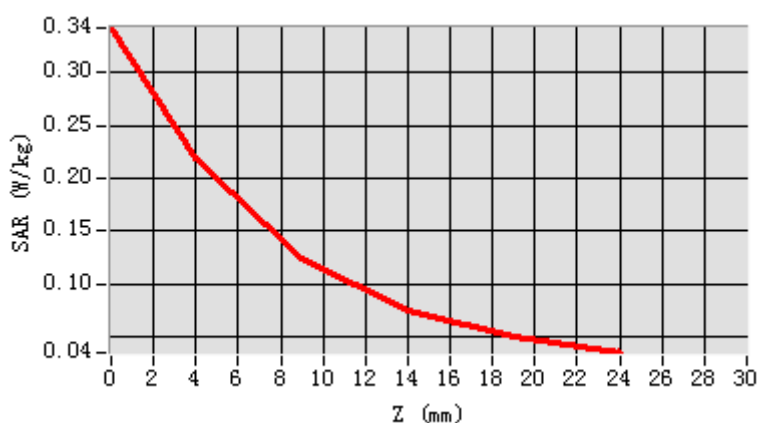
Maximum location: X=-5.00, Y=-38.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.117561
SAR 1g (W/Kg)	0.204114



Z Axis Scan



Testing result (LTE Band41ANT2, Edge C, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

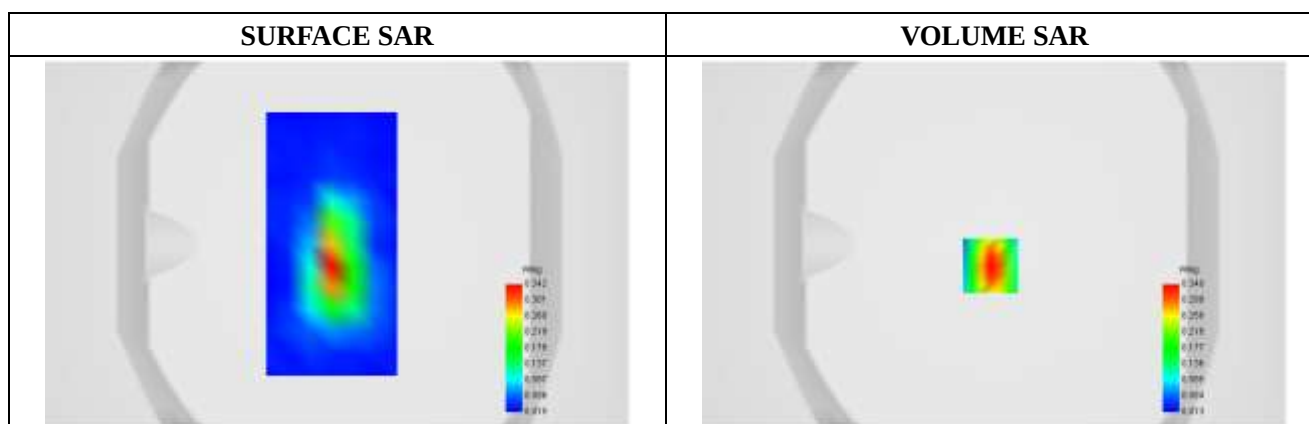
B. SAR Measurement Results

Frequency (MHz)	2593
Relative permittivity (real part)	39.18
Conductivity (S/m)	1.94
Variation (%)	-0.87

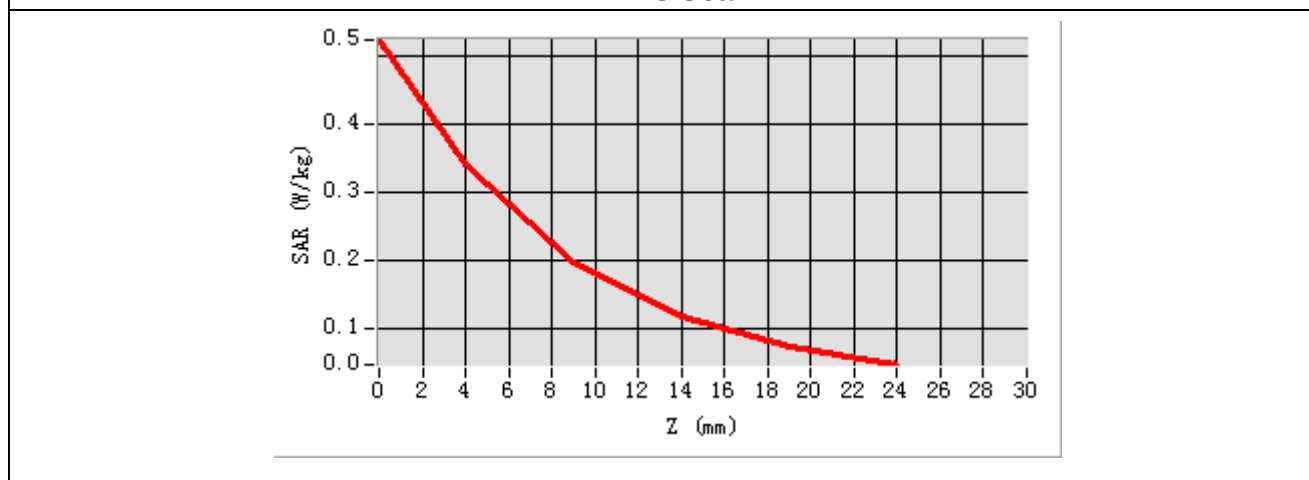
Maximum location: X=-3.00, Y=-12.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.166558
SAR 1g (W/Kg)	0.309241



Z Axis Scan



Testing result (LTE Band41ANT5, Right Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/25/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	LTE Band 41
Channels	High
Signal	LTE(Crest factor: 0.633)

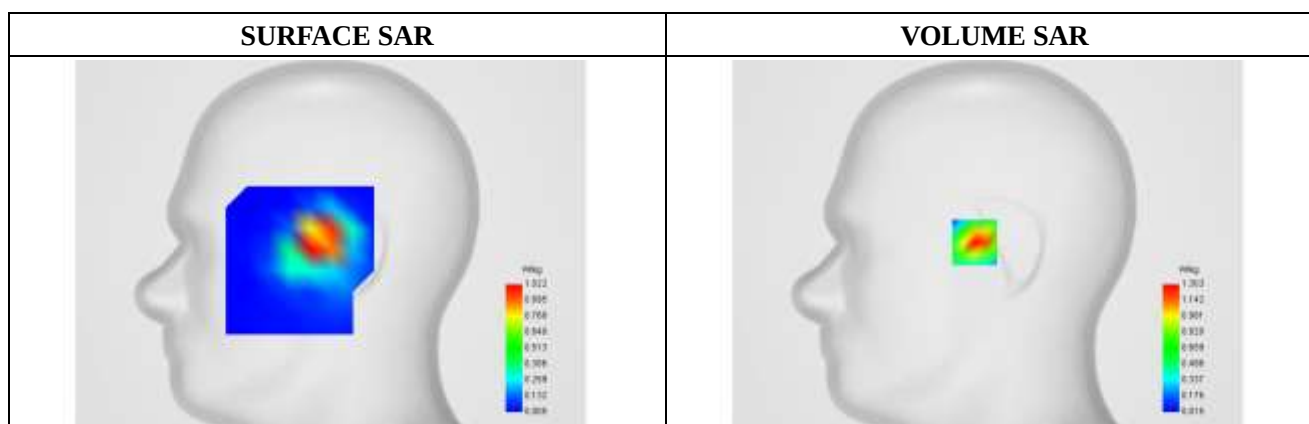
B. SAR Measurement Results

Frequency (MHz)	2680
Relative permittivity (real part)	38.61
Conductivity (S/m)	2.00
Variation (%)	-3.10

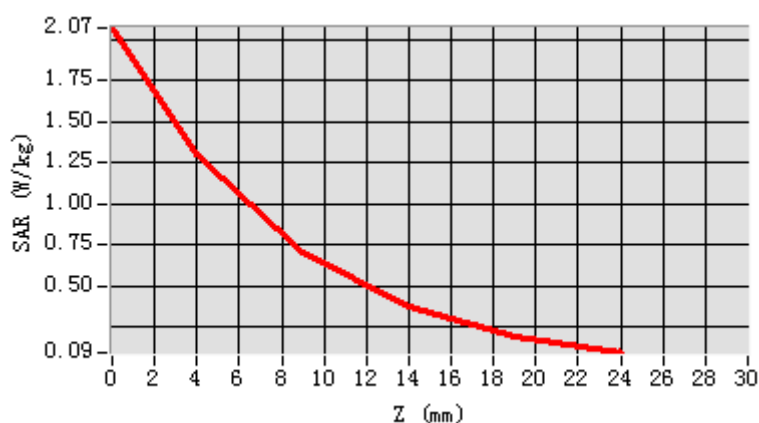
Maximum location: X=-34.00, Y=16.00

SAR Peak: 2.10 W/kg

SAR 10g (W/Kg)	0.410237
SAR 1g (W/Kg)	0.890187



Z Axis Scan



Testing result (LTE Band41ANT5, Back, High, 10mm)

Type: phone measurement

Date of measurement: 06/25/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

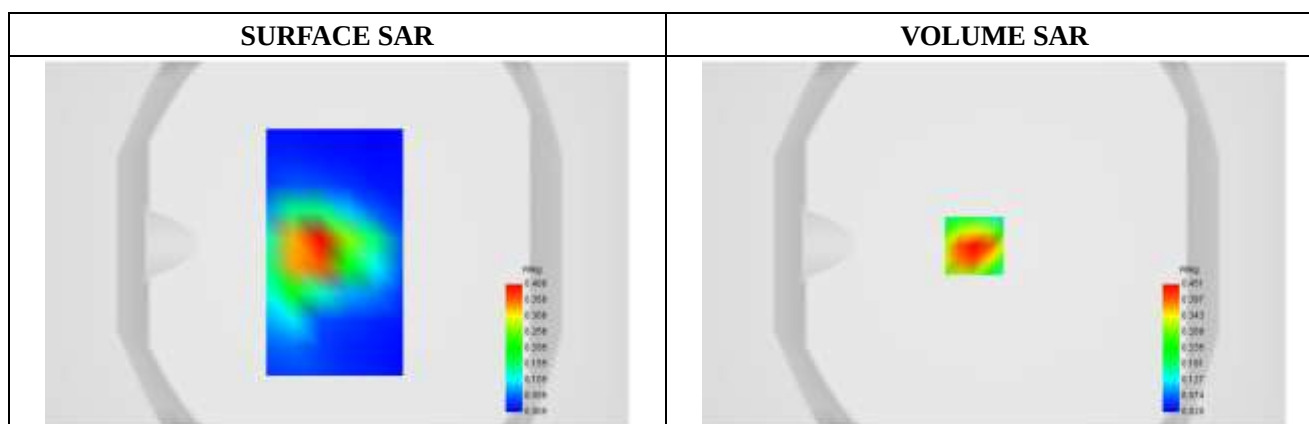
B. SAR Measurement Results

Frequency (MHz)	2680
Relative permittivity (real part)	38.61
Conductivity (S/m)	2.00
Variation (%)	-0.15

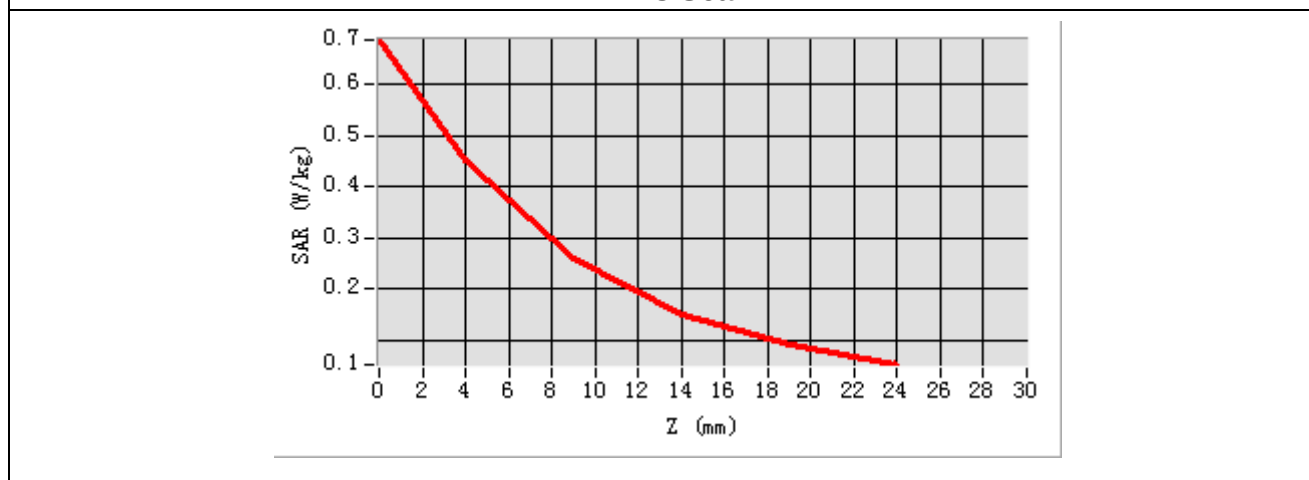
Maximum location: X=-12.00, Y=-1.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.236382
SAR 1g (W/Kg)	0.425593



Z Axis Scan



Testing result (LTE Band41ANT5, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/25/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

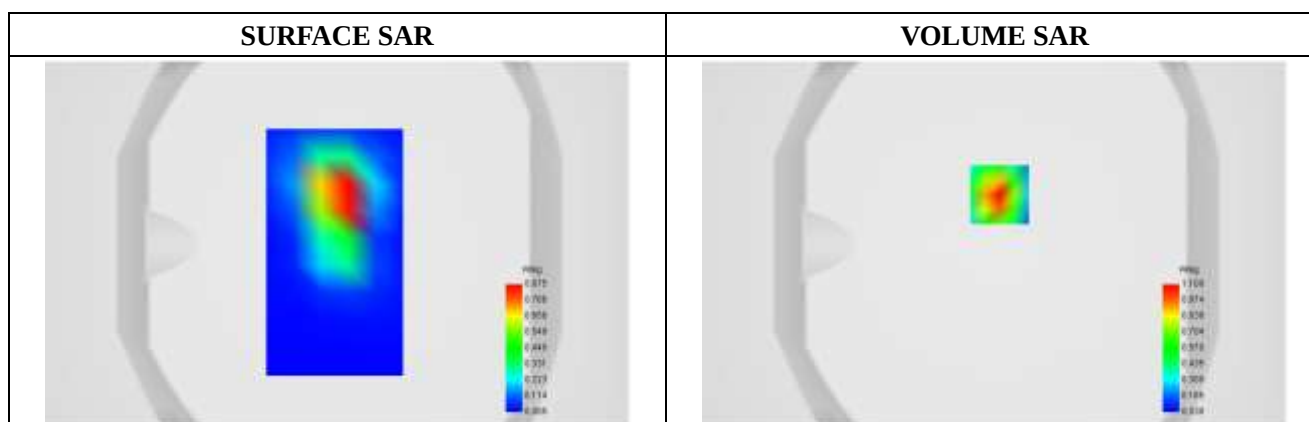
B. SAR Measurement Results

Frequency (MHz)	2680
Relative permittivity (real part)	38.61
Conductivity (S/m)	2.00
Variation (%)	-0.02

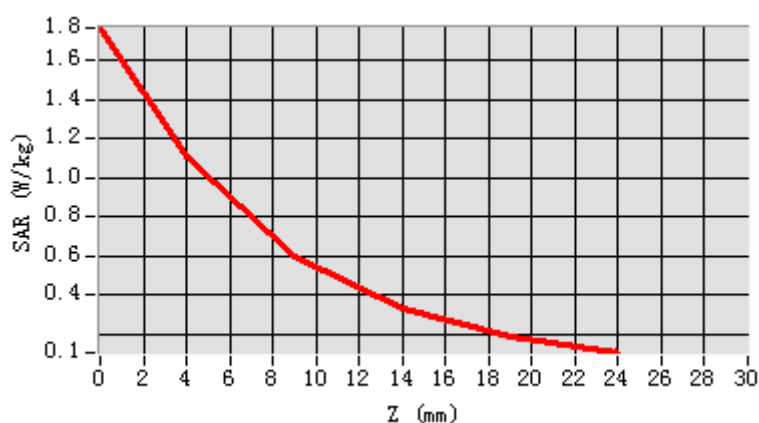
Maximum location: X=2.00, Y=27.00

SAR Peak: 1.78 W/kg

SAR 10g (W/Kg)	0.416041
SAR 1g (W/Kg)	0.925719



Z Axis Scan



Testing result (NR5ANT1, 50%RBRight Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 05/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	NR5
Channels	Low
Signal	SA(Crest factor: 1.0)

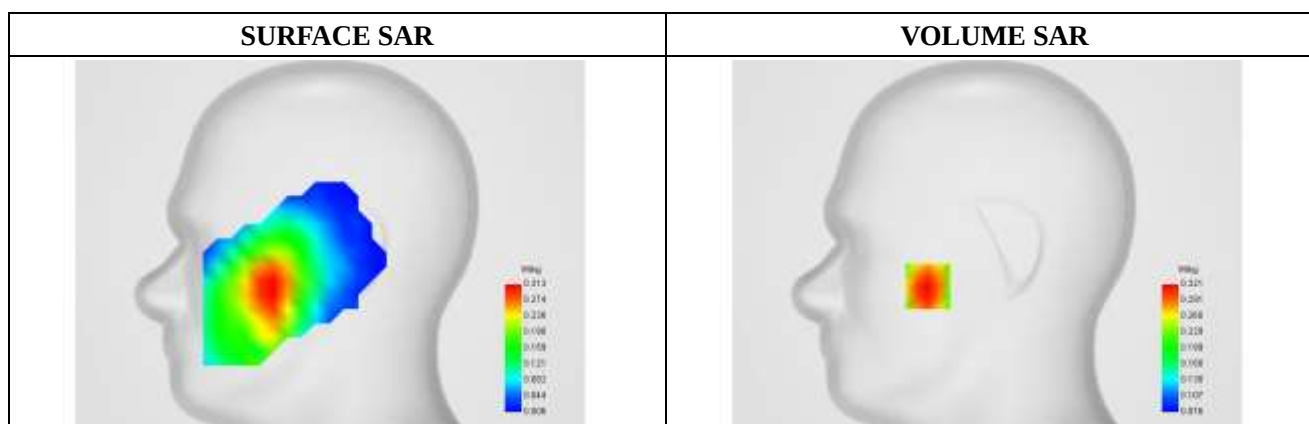
B. SAR Measurement Results

Frequency (MHz)	834
Relative permittivity (real part)	41.15
Conductivity (S/m)	0.89
Variation (%)	-4.48

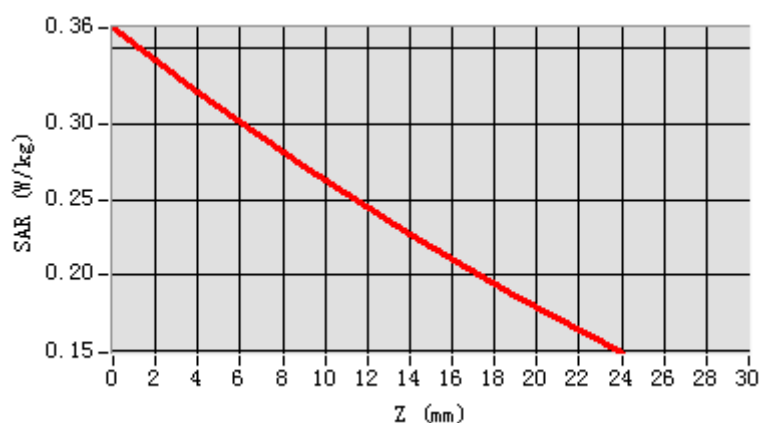
Maximum location: X=-48.00, Y=-30.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.241604
SAR 1g (W/Kg)	0.311145



Z Axis Scan



Testing result (NR5ANT1, 50%RBFront, Low, 10mm)

Type: phone measurement

Date of measurement: 05/23/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	NR5
Channels	Low
Signal	SA(Crest factor: 1.0)

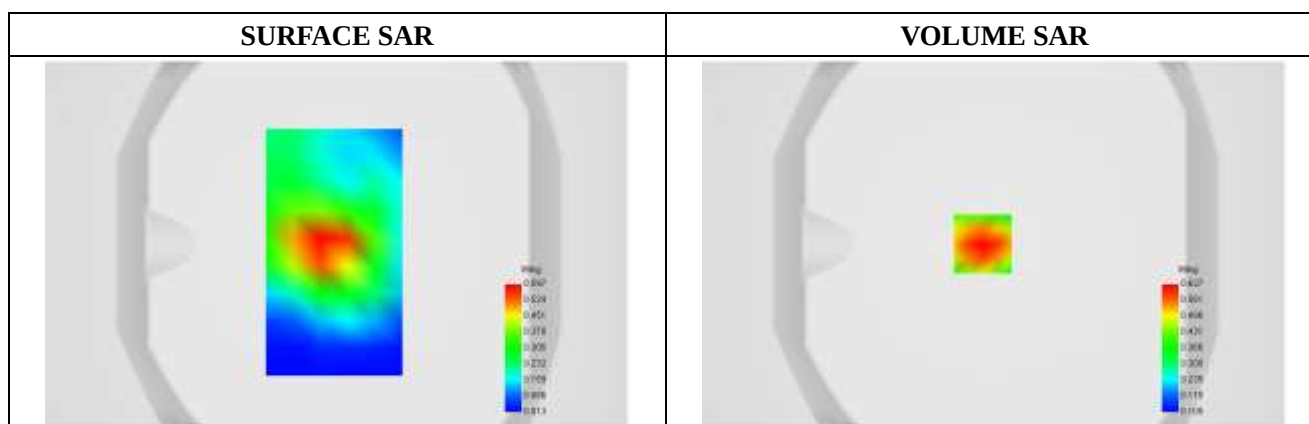
B. SAR Measurement Results

Frequency (MHz)	834
Relative permittivity (real part)	41.15
Conductivity (S/m)	0.89
Variation (%)	0.38

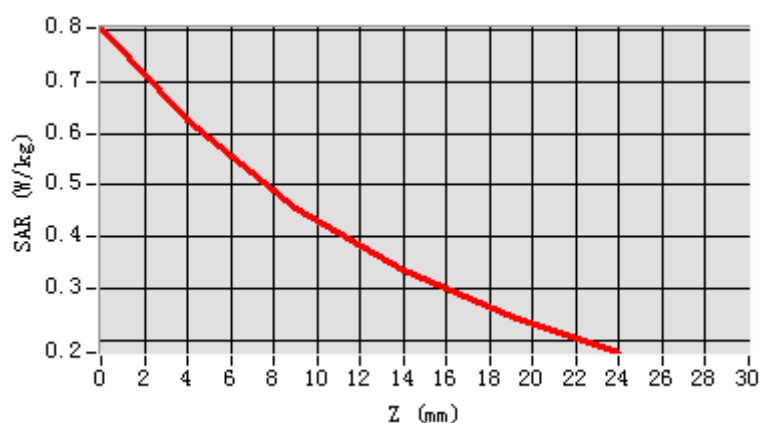
Maximum location: X=-7.00, Y=0.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.413021
SAR 1g (W/Kg)	0.598851



Z Axis Scan



Testing result (NR41ANT2, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/14/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	NR41
Channels	Low
Signal	SA(Crest factor: 1.0)

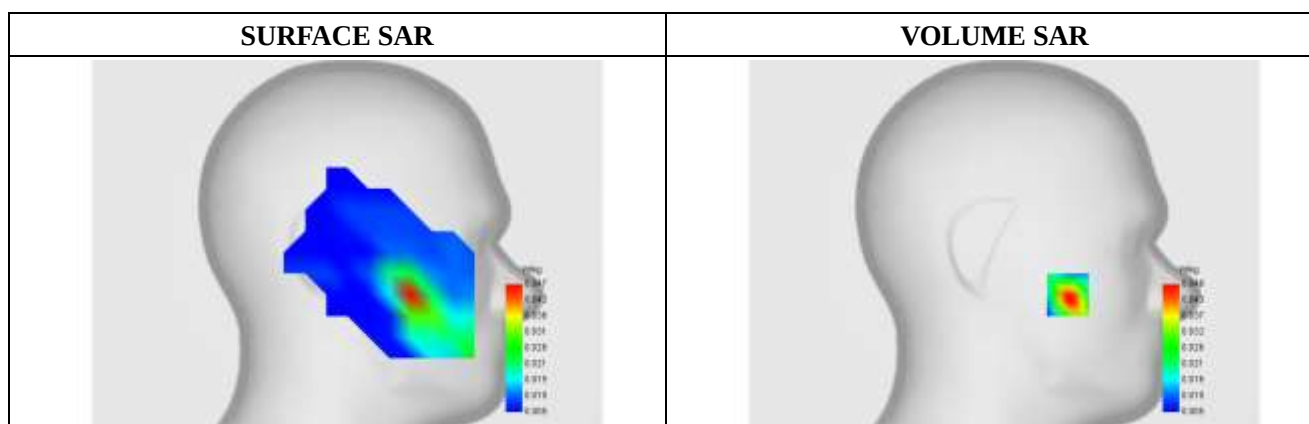
B. SAR Measurement Results

Frequency (MHz)	2546.01
Relative permittivity (real part)	39.97
Conductivity (S/m)	1.97
Variation (%)	-2.52

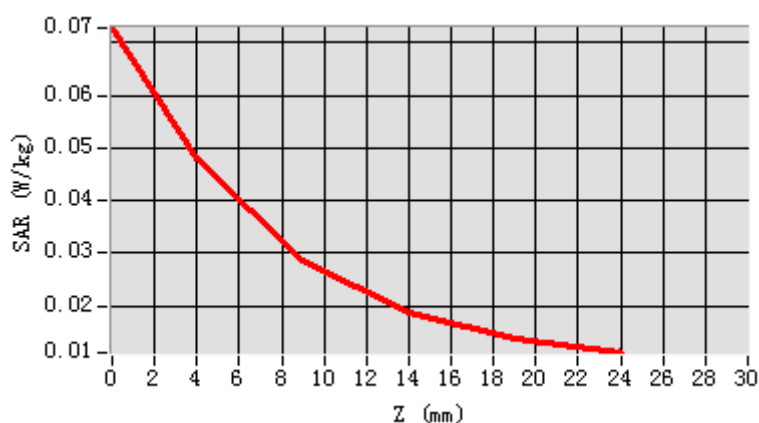
Maximum location: X=-51.00, Y=-36.00

SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.024531
SAR 1g (W/Kg)	0.044175



Z Axis Scan



Testing result (NR41ANT2, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/14/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	NR41
Channels	Low
Signal	SA(Crest factor: 1.0)

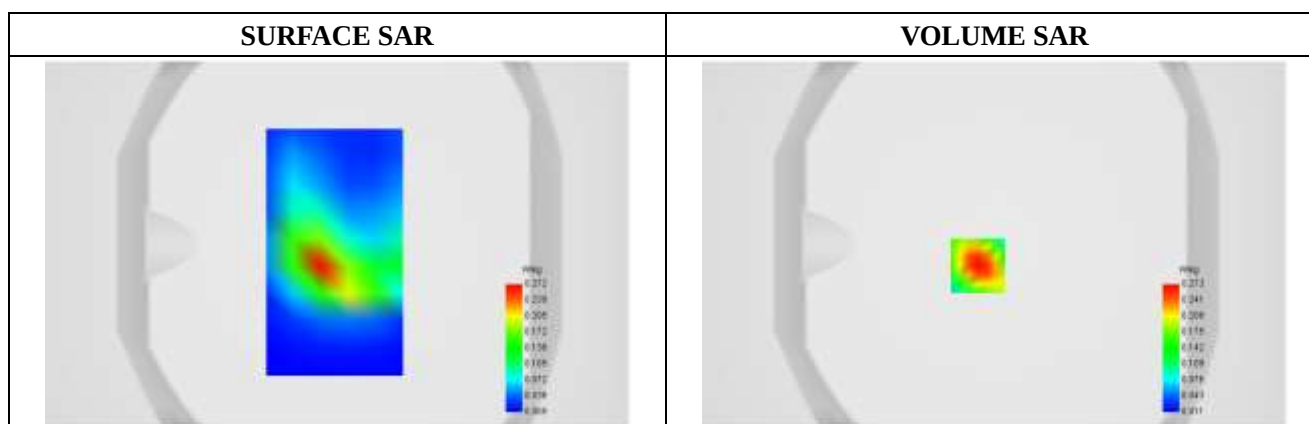
B. SAR Measurement Results

Frequency (MHz)	2546.01
Relative permittivity (real part)	39.97
Conductivity (S/m)	1.97
Variation (%)	2.99

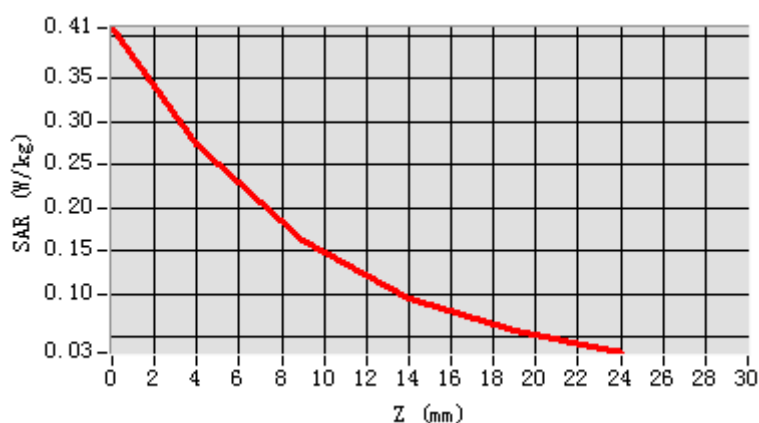
Maximum location: X=-10.00, Y=-12.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.120535
SAR 1g (W/Kg)	0.202022



Z Axis Scan



Testing result (NR41ANT2, Edge C, Low, 10mm)

Type: phone measurement

Date of measurement: 06/14/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	NR41
Channels	Low
Signal	SA(Crest factor: 1.0)

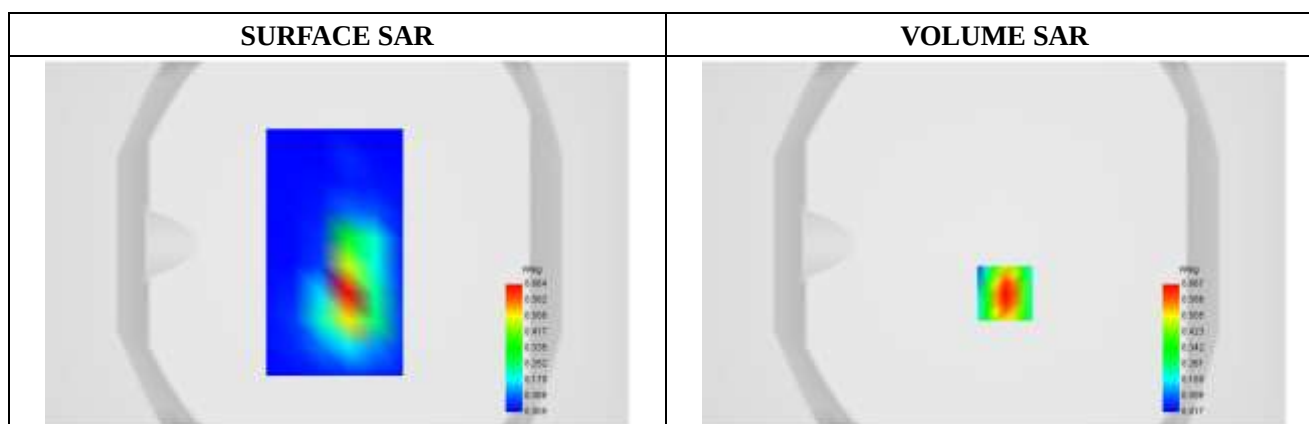
B. SAR Measurement Results

Frequency (MHz)	2546.01
Relative permittivity (real part)	39.97
Conductivity (S/m)	1.97
Variation (%)	2.44

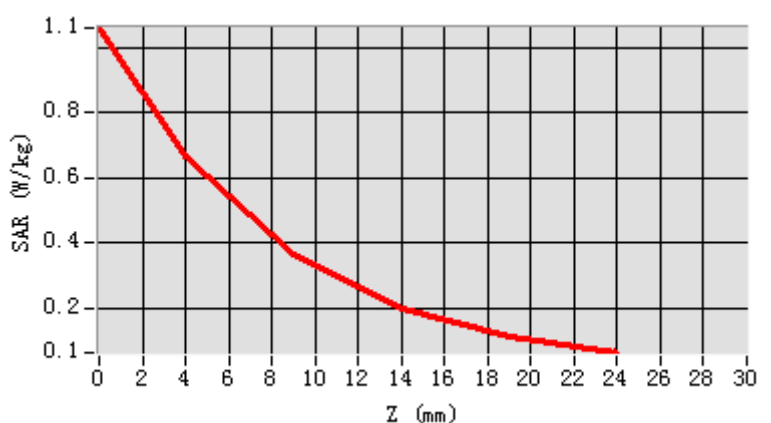
Maximum location: X=5.00, Y=-27.00

SAR Peak: 1.06 W/kg

SAR 10g (W/Kg)	0.310464
SAR 1g (W/Kg)	0.605270



Z Axis Scan



Testing result (NR41ANT5, Right Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/25/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	NR41
Channels	Low
Signal	SA(Crest factor: 1.0)

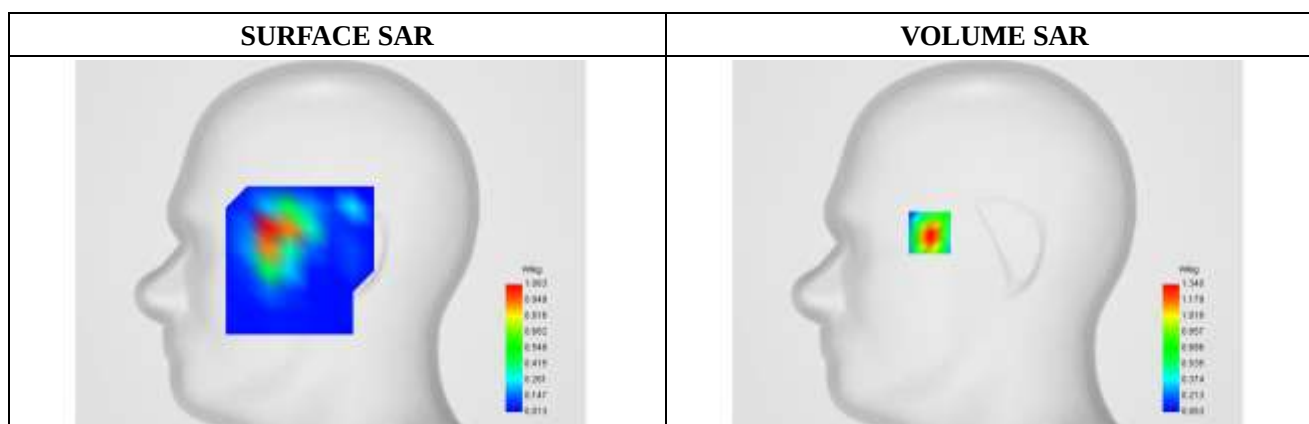
B. SAR Measurement Results

Frequency (MHz)	2546.01
Relative permittivity (real part)	38.88
Conductivity (S/m)	1.94
Variation (%)	-0.22

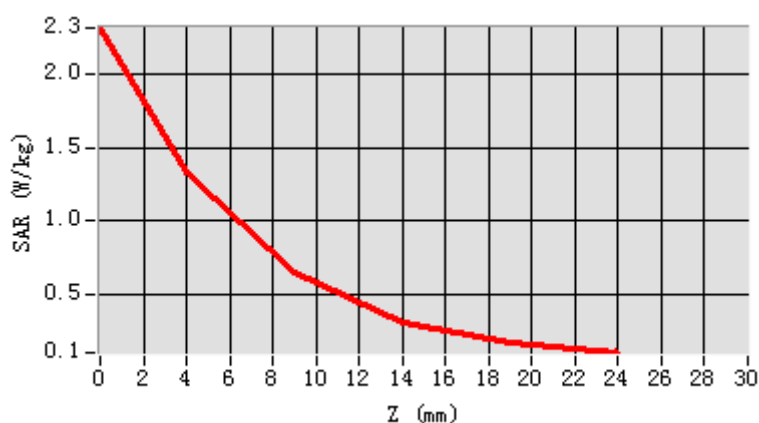
Maximum location: X=-47.00, Y=8.00

SAR Peak: 2.38 W/kg

SAR 10g (W/Kg)	0.479081
SAR 1g (W/Kg)	1.001597



Z Axis Scan



Testing result (NR41ANT5, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/25/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	NR41
Channels	Low
Signal	SA(Crest factor: 1.0)

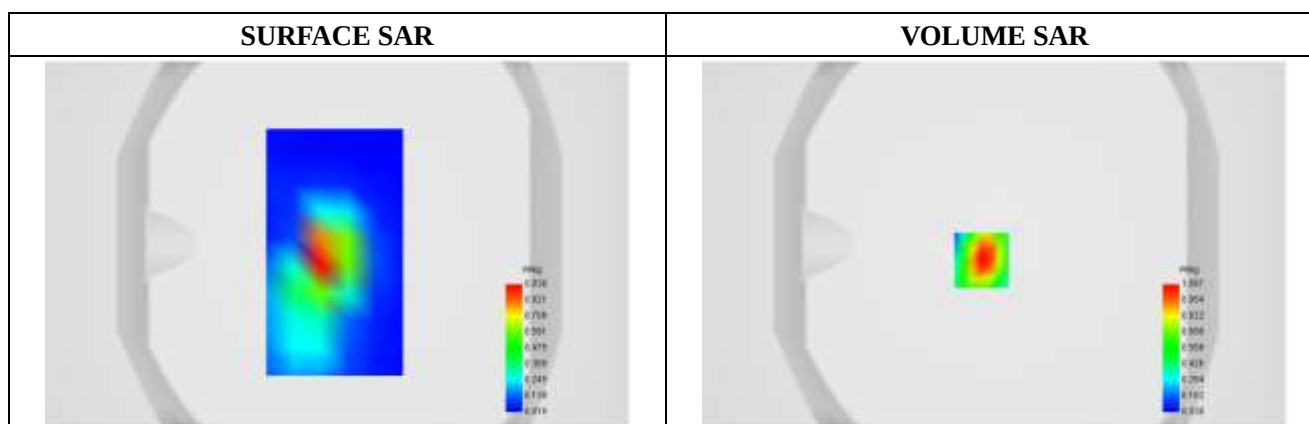
B. SAR Measurement Results

Frequency (MHz)	2546.01
Relative permittivity (real part)	38.88
Conductivity (S/m)	1.94
Variation (%)	-3.26

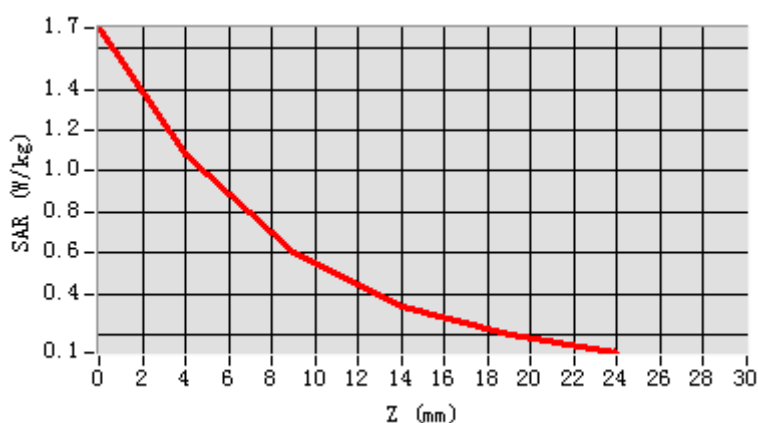
Maximum location: X=-8.00, Y=-9.00

SAR Peak: 1.71 W/kg

SAR 10g (W/Kg)	0.407934
SAR 1g (W/Kg)	0.858307



Z Axis Scan



Testing result (NR41ANT5, Edge D Repeat, Low, 10mm)

Type: phone measurement

Date of measurement: 06/25/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	NR41
Channels	Low
Signal	SA(Crest factor: 1.0)

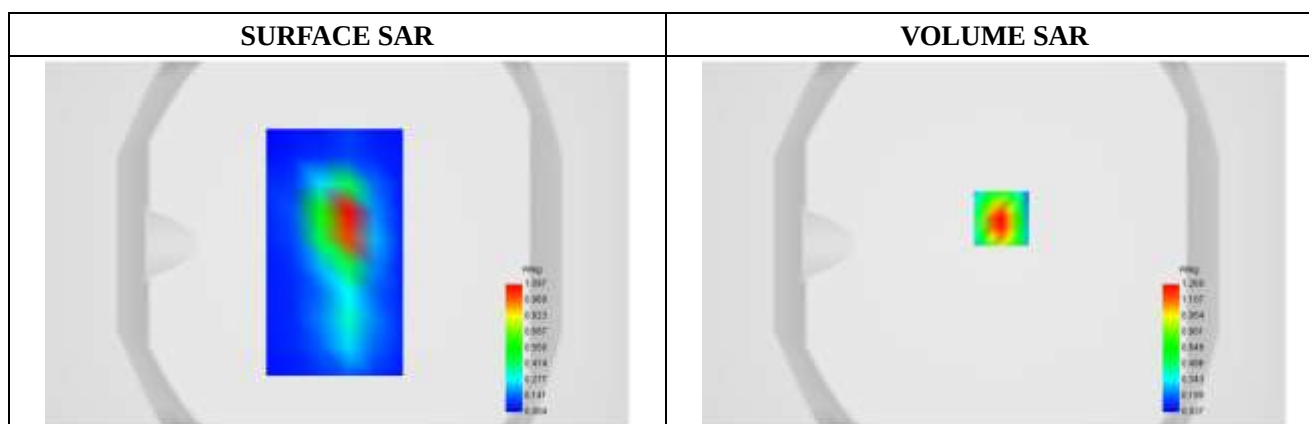
B. SAR Measurement Results

Frequency (MHz)	2546.01
Relative permittivity (real part)	38.88
Conductivity (S/m)	1.94
Variation (%)	-0.46

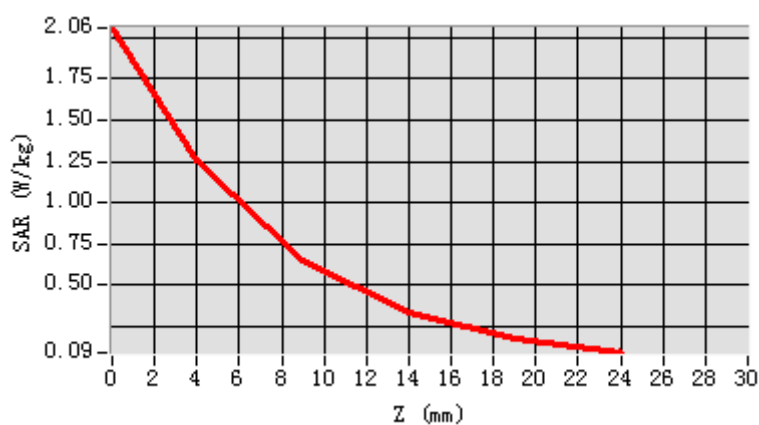
Maximum location: X=3.00, Y=14.00

SAR Peak: 2.07 W/kg

SAR 10g (W/Kg)	0.557651
SAR 1g (W/Kg)	1.052475



Z Axis Scan



Testing result (NR77ANT5, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Right Head
Device Position	Cheek
Band	NR77
Channels	Middle
Signal	SA(Crest factor: 1.0)

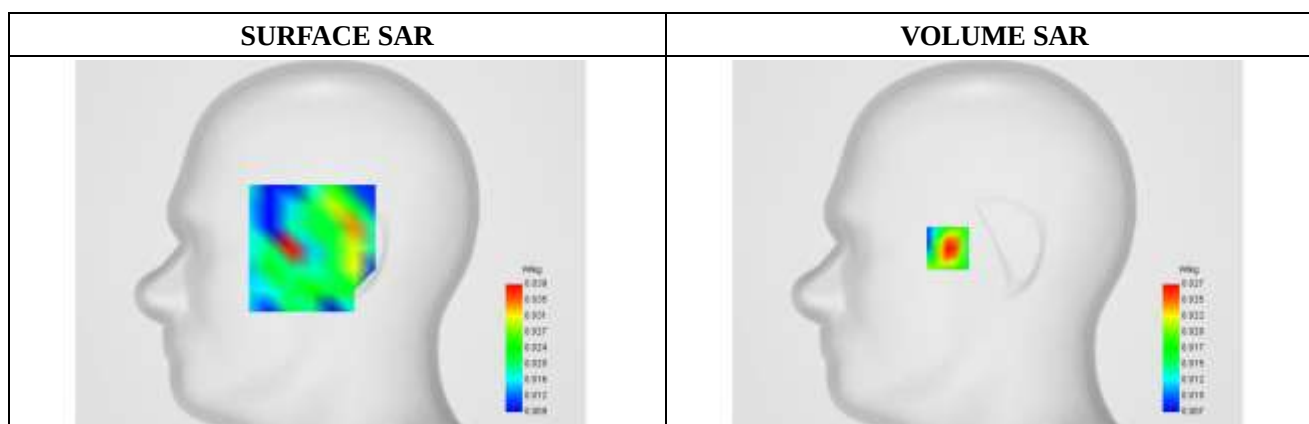
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-3.10

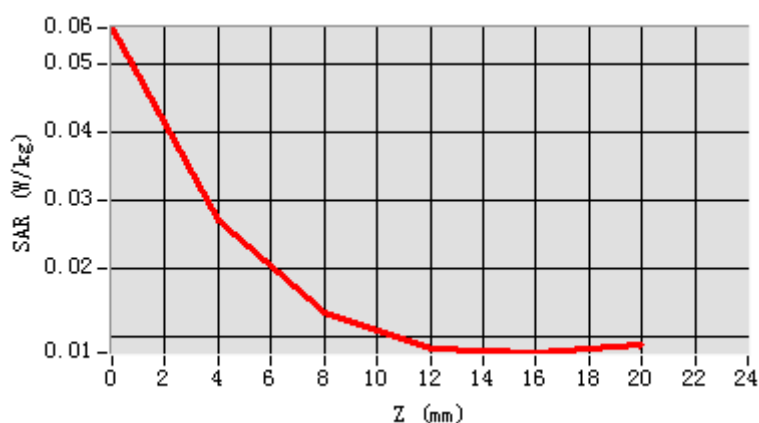
Maximum location: X=-34.00, Y=-3.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.015868
SAR 1g (W/Kg)	0.026848



Z Axis Scan



Testing result (NR77ANT5, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR77
Channels	Middle
Signal	SA(Crest factor: 1.0)

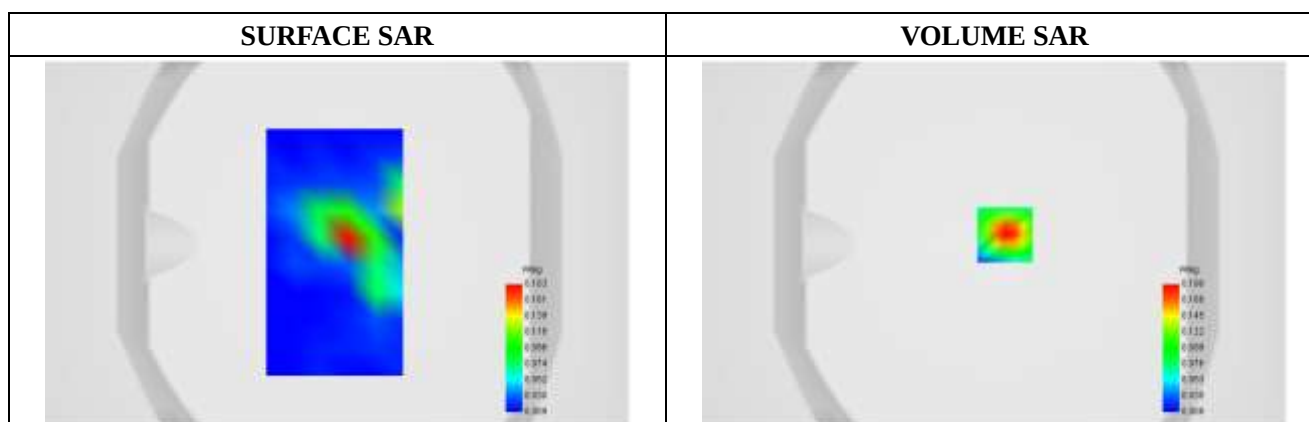
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	0.36

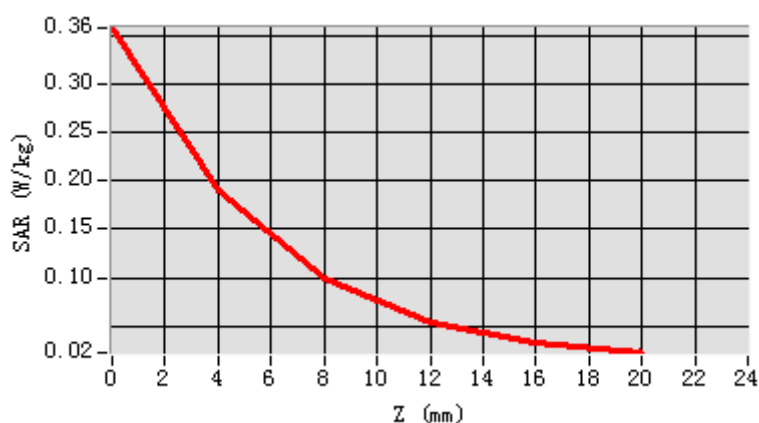
Maximum location: X=5.00, Y=5.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.081646
SAR 1g (W/Kg)	0.175223



Z Axis Scan



Testing result (NR77ANT5, Edge D, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR77
Channels	Middle
Signal	SA(Crest factor: 1.0)

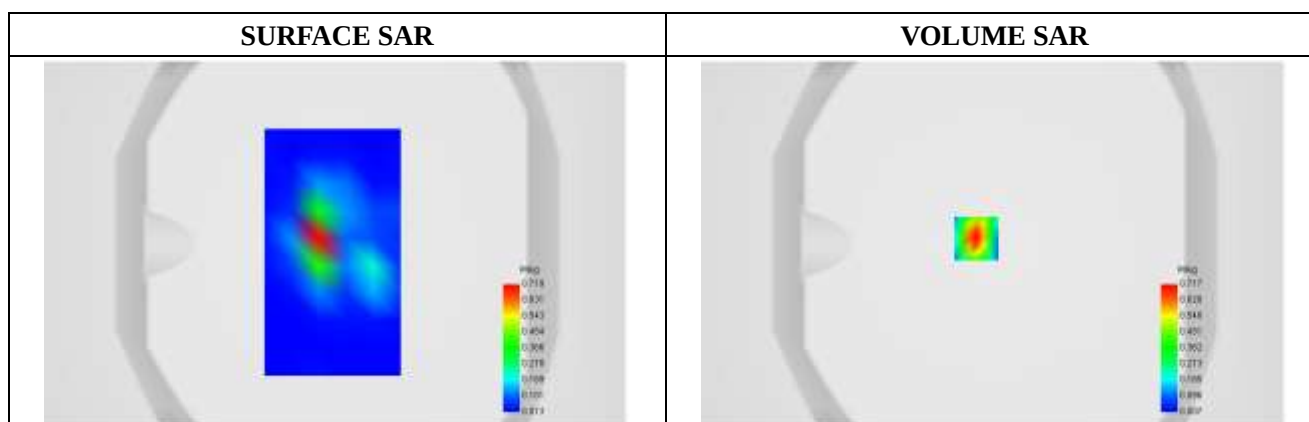
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	0.93

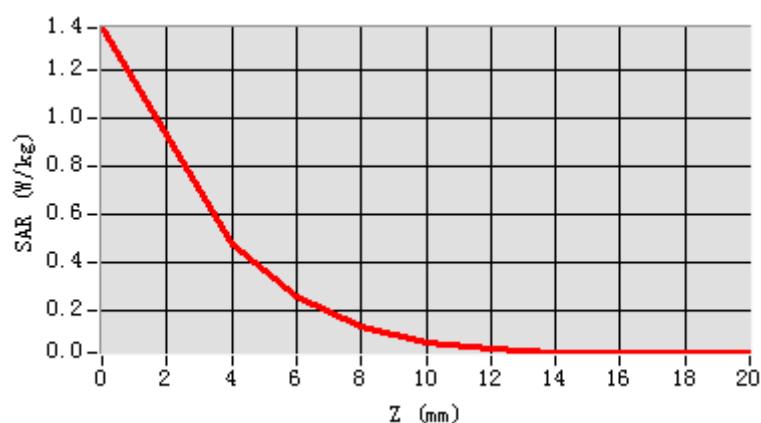
Maximum location: X=-9.00, Y=3.00

SAR Peak: 1.37 W/kg

SAR 10g (W/Kg)	0.191646
SAR 1g (W/Kg)	0.496223



Z Axis Scan



Testing result (NR77ANT11, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	NR77
Channels	Low
Signal	SA(Crest factor: 1.0)

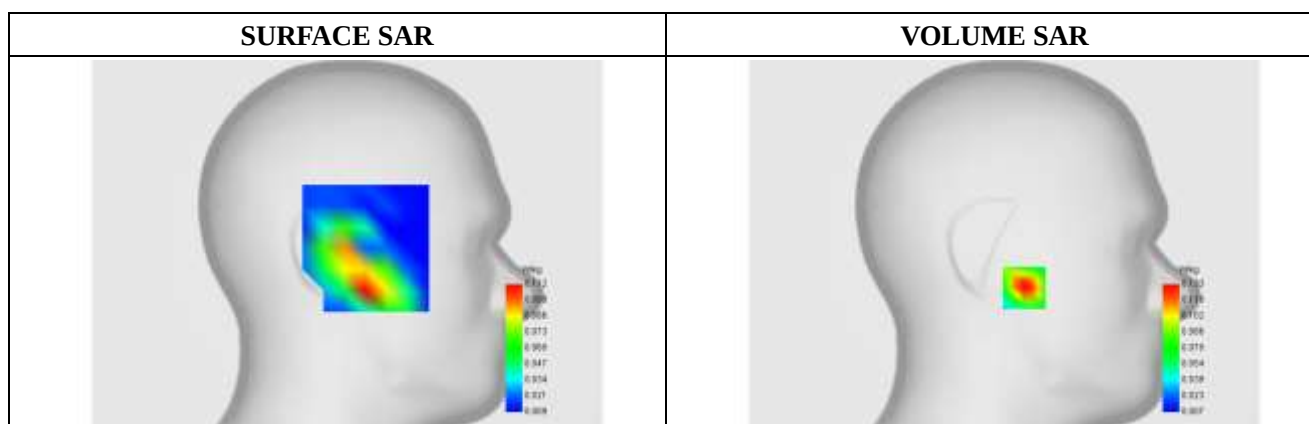
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-0.51

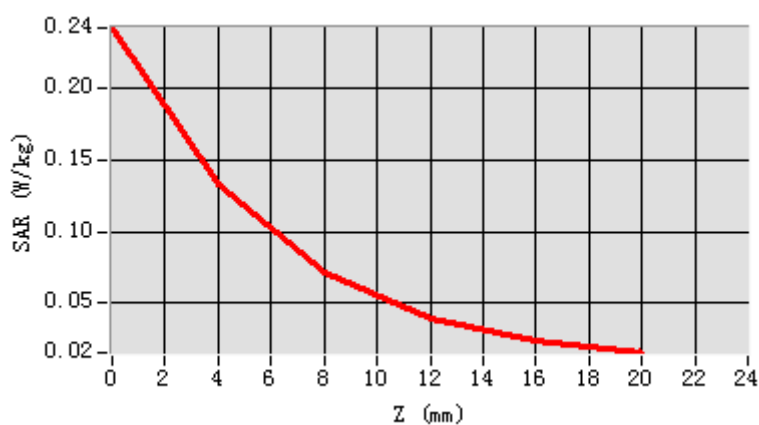
Maximum location: X=-20.00, Y=-31.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.060925
SAR 1g (W/Kg)	0.120399



Z Axis Scan



Testing result (NR77ANT11, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR77
Channels	Middle
Signal	SA(Crest factor: 1.0)

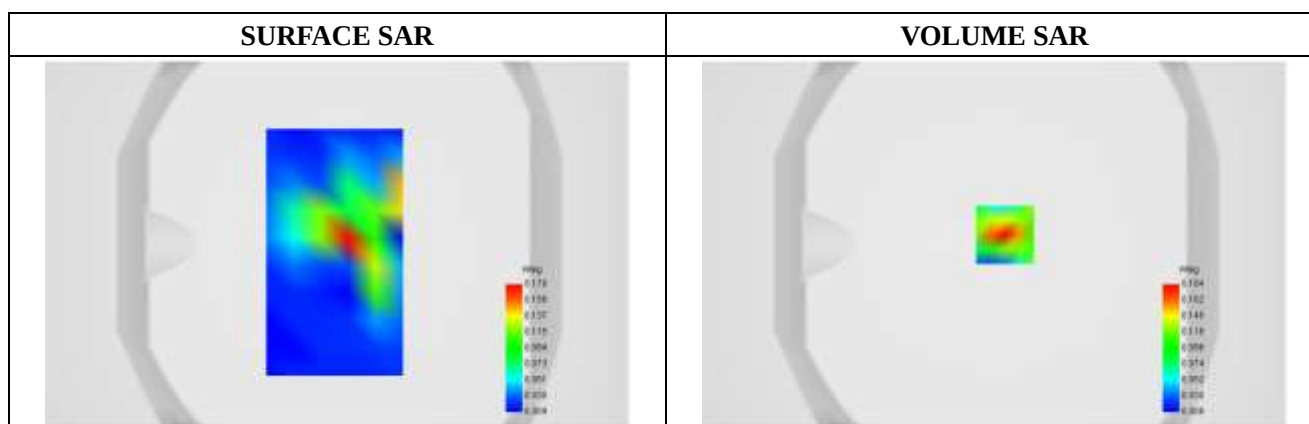
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-1.49

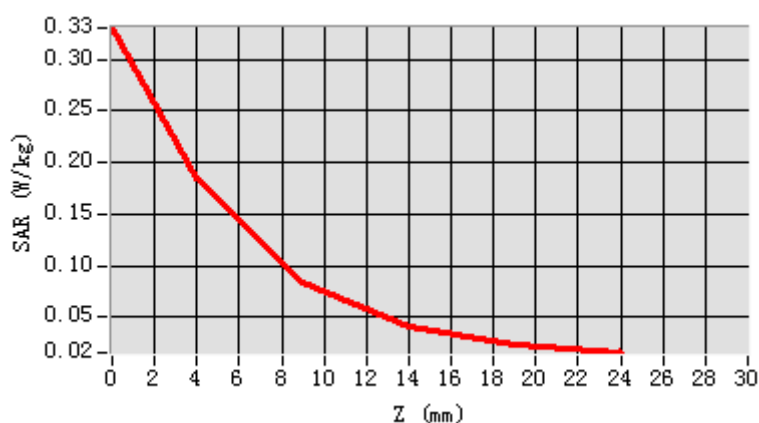
Maximum location: X=5.00, Y=5.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.080166
SAR 1g (W/Kg)	0.170020



Z Axis Scan



Testing result (NR77ANT11, Edge D, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR77
Channels	Middle
Signal	SA(Crest factor: 1.0)

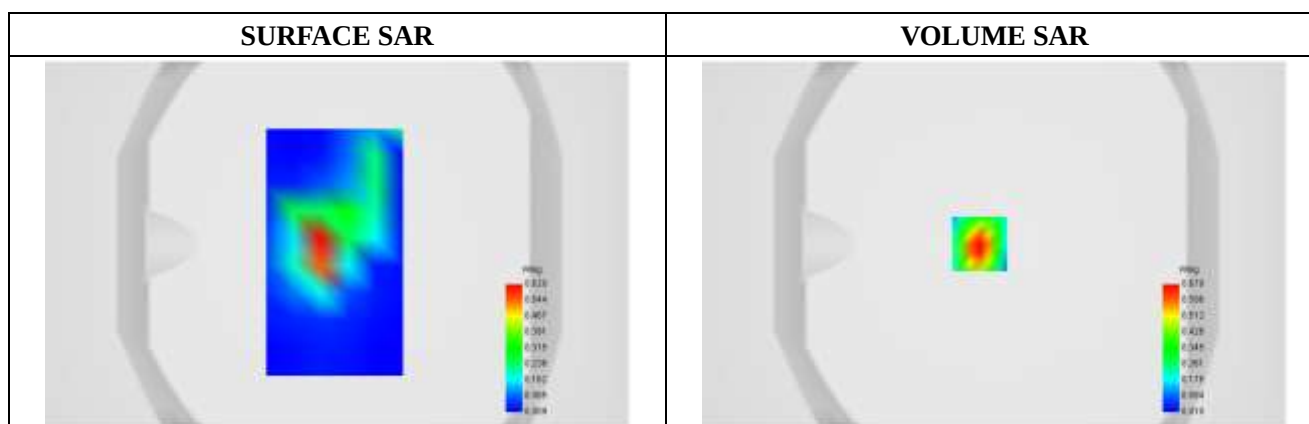
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-0.54

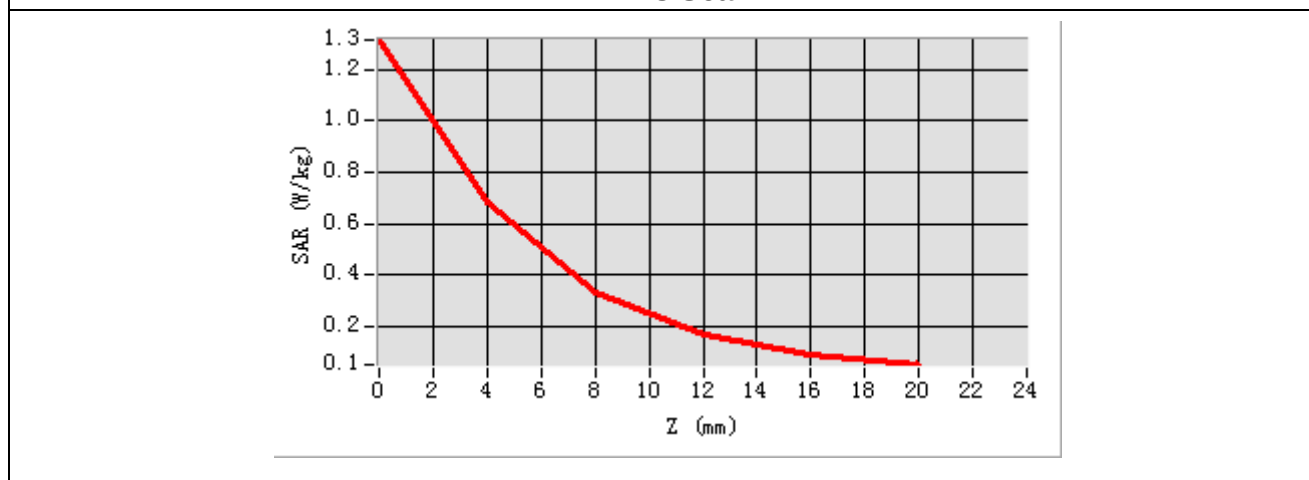
Maximum location: X=-9.00, Y=0.00

SAR Peak: 1.32 W/kg

SAR 10g (W/Kg)	0.277954
SAR 1g (W/Kg)	0.631655



Z Axis Scan



Testing result (NR78ANT5, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Right Head
Device Position	Cheek
Band	NR78
Channels	Middle
Signal	SA(Crest factor: 1.0)

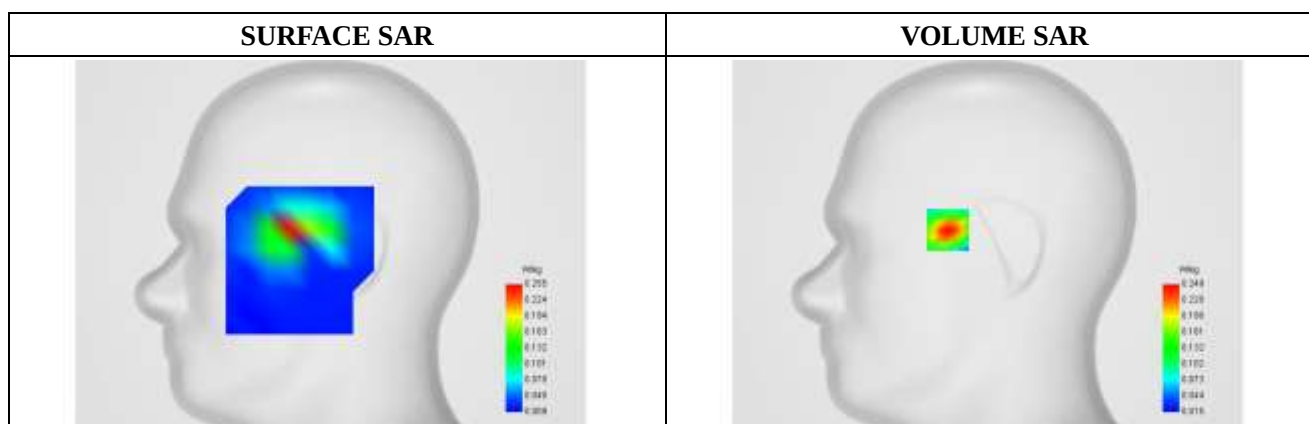
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-2.55

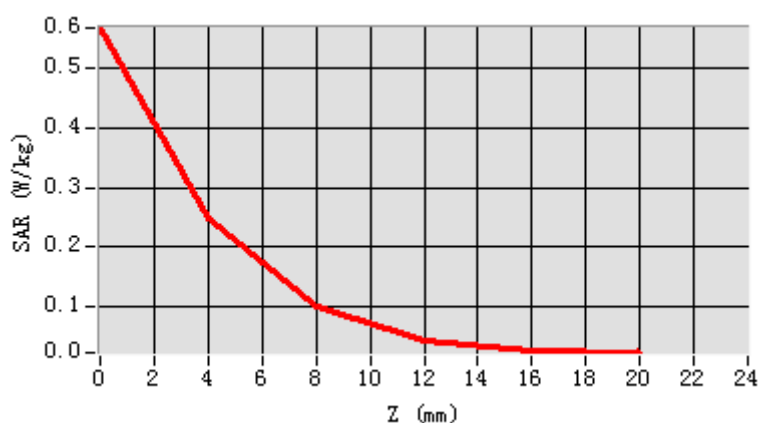
Maximum location: X=-34.00, Y=10.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.108720
SAR 1g (W/Kg)	0.237938



Z Axis Scan



Testing result (NR78ANT5, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR78
Channels	Middle
Signal	SA(Crest factor: 1.0)

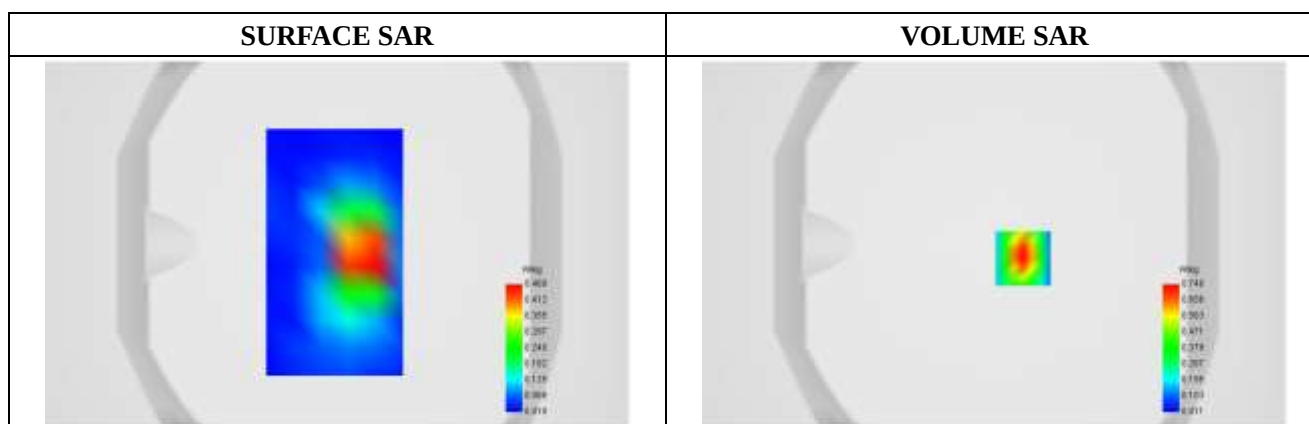
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	0.37

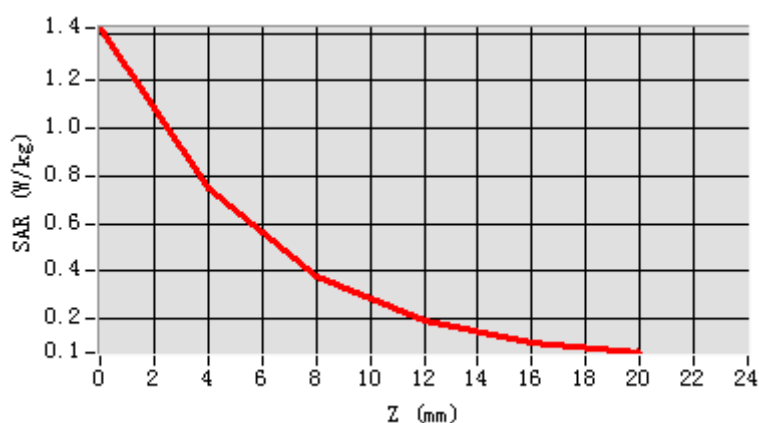
Maximum location: X=15.00, Y=-8.00

SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.198589
SAR 1g (W/Kg)	0.377908



Z Axis Scan



Testing result (NR78ANT5, Edge D, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR78
Channels	Middle
Signal	SA(Crest factor: 1.0)

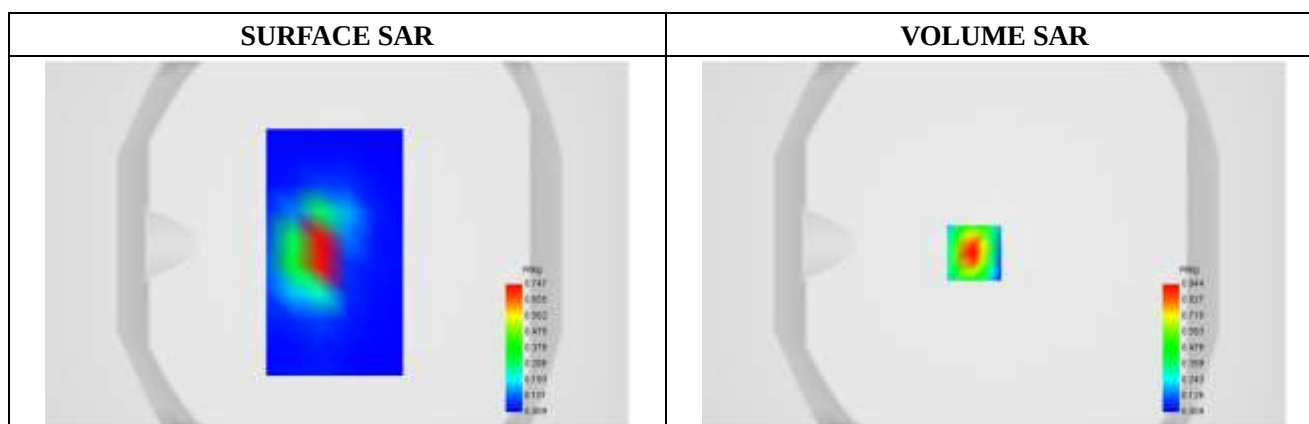
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-2.21

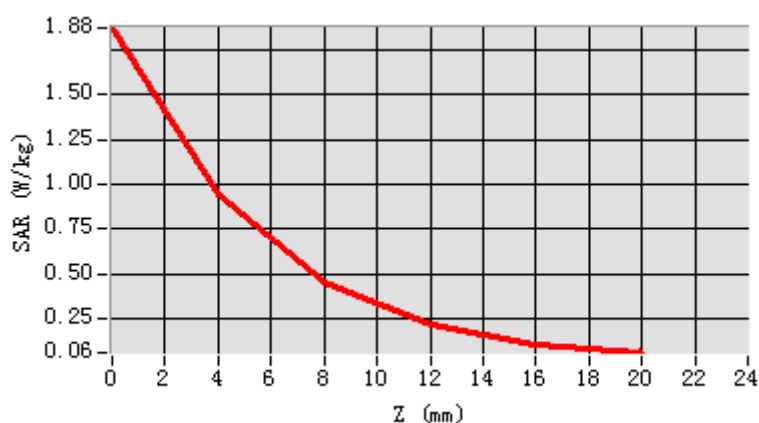
Maximum location: X=-12.00, Y=-5.00

SAR Peak: 1.89 W/kg

SAR 10g (W/Kg)	0.365603
SAR 1g (W/Kg)	0.858708



Z Axis Scan



Testing result (NR78ANT11, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	NR78
Channels	Middle
Signal	SA(Crest factor: 1.0)

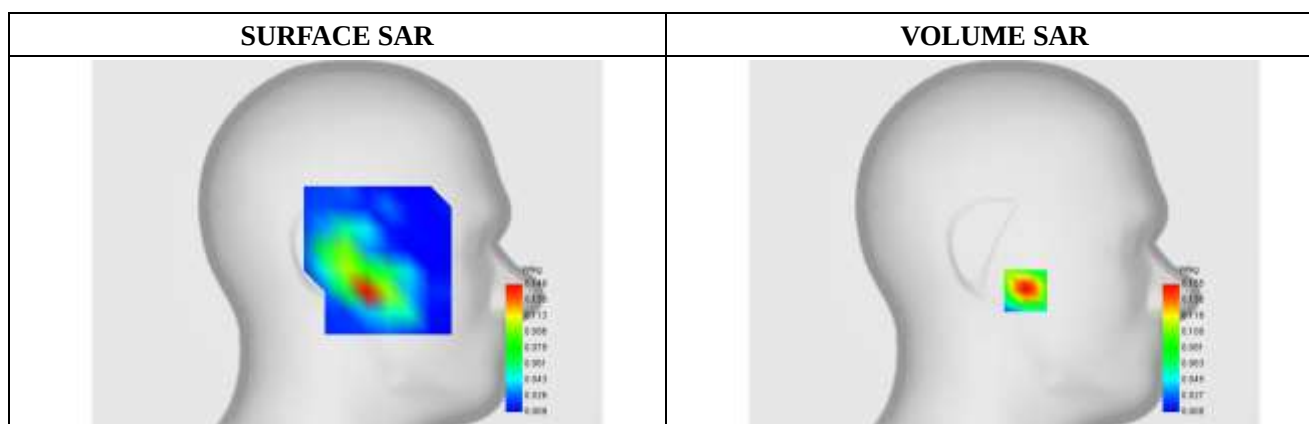
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	1.40

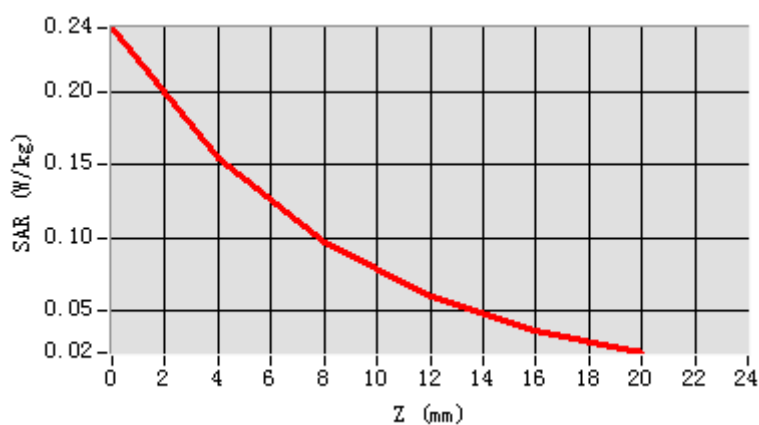
Maximum location: X=-21.00, Y=-33.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.073400
SAR 1g (W/Kg)	0.143866



Z Axis Scan



Testing result (NR78ANT11, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	NR78
Channels	Middle
Signal	SA(Crest factor: 1.0)

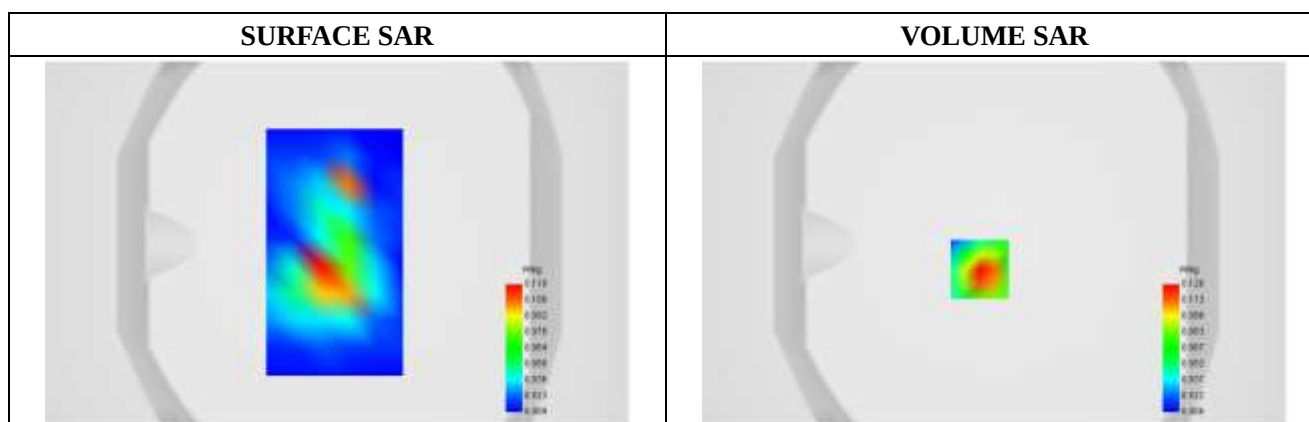
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	0.68

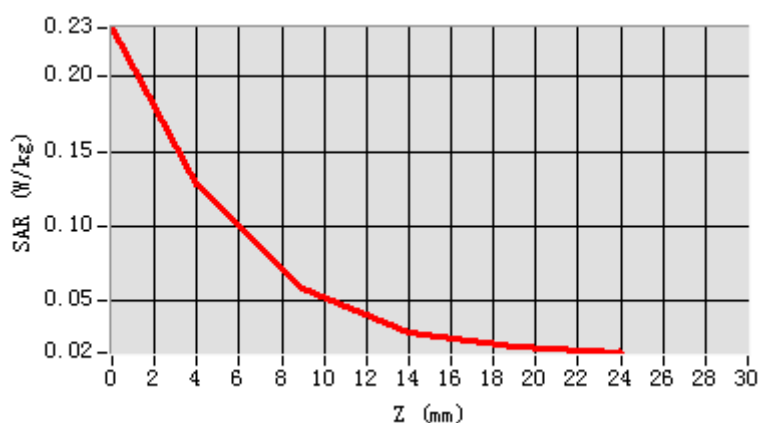
Maximum location: X=-9.00, Y=-14.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.061200
SAR 1g (W/Kg)	0.122126



Z Axis Scan



Testing result (NR78ANT11, Edge D, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/13/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	NR78
Channels	Middle
Signal	SA(Crest factor: 1.0)

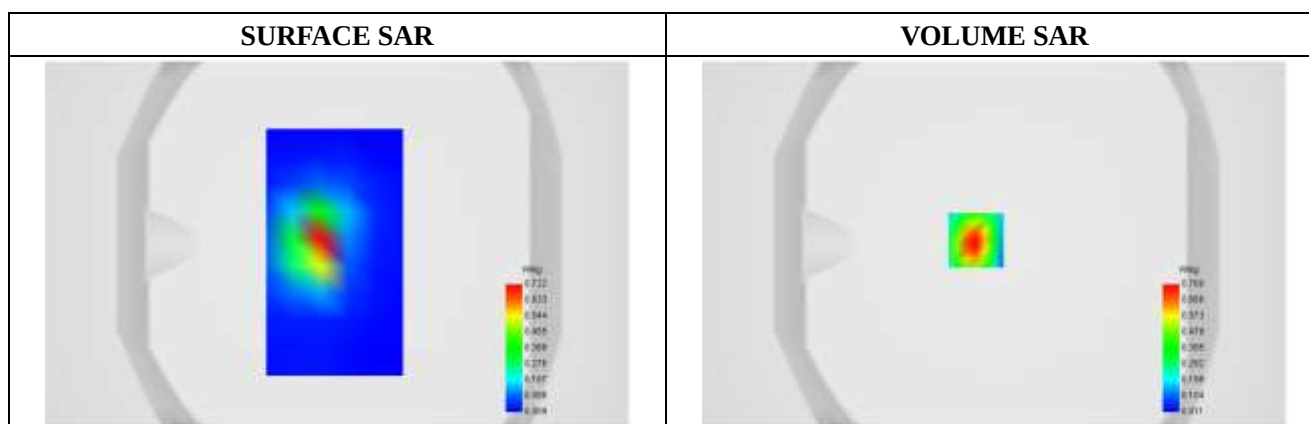
B. SAR Measurement Results

Frequency (MHz)	3500.01
Relative permittivity (real part)	38.26
Conductivity (S/m)	2.96
Variation (%)	-0.52

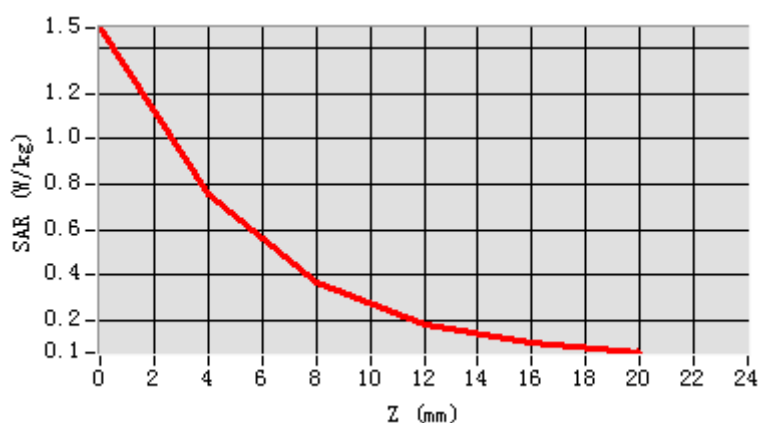
Maximum location: X=-11.00, Y=2.00

SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.311751
SAR 1g (W/Kg)	0.698831



Z Axis Scan



Testing result (WI-FI 2.4G 802.11bANT7, Right Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right Head
Device Position	Cheek
Band	WI-FI 802.11b
Channels	Middle
Signal	DSSS(Crest factor: 1.0)

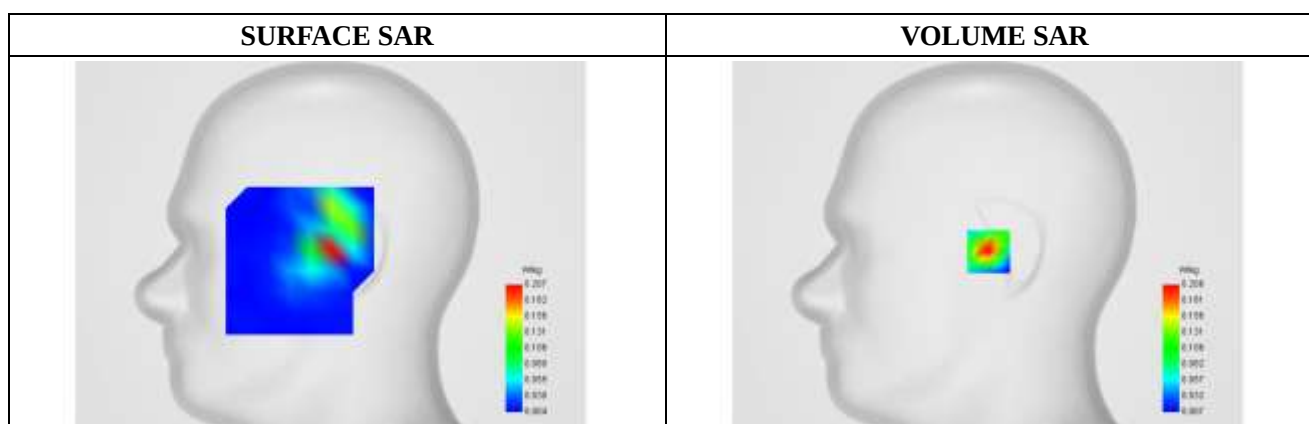
B. SAR Measurement Results

Frequency (MHz)	2437
Relative permittivity (real part)	39.60
Conductivity (S/m)	1.78
Variation (%)	-3.30

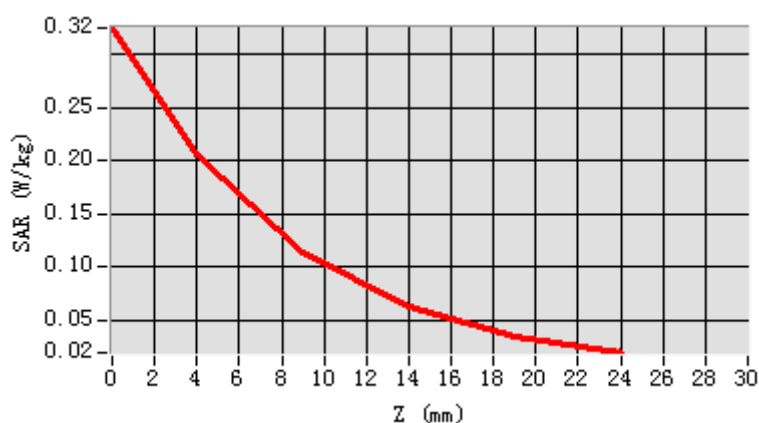
Maximum location: X=-5.00, Y=-8.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.089321
SAR 1g (W/Kg)	0.183601



Z Axis Scan



Testing result (WI-FI 2.4G 802.11bANT7, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

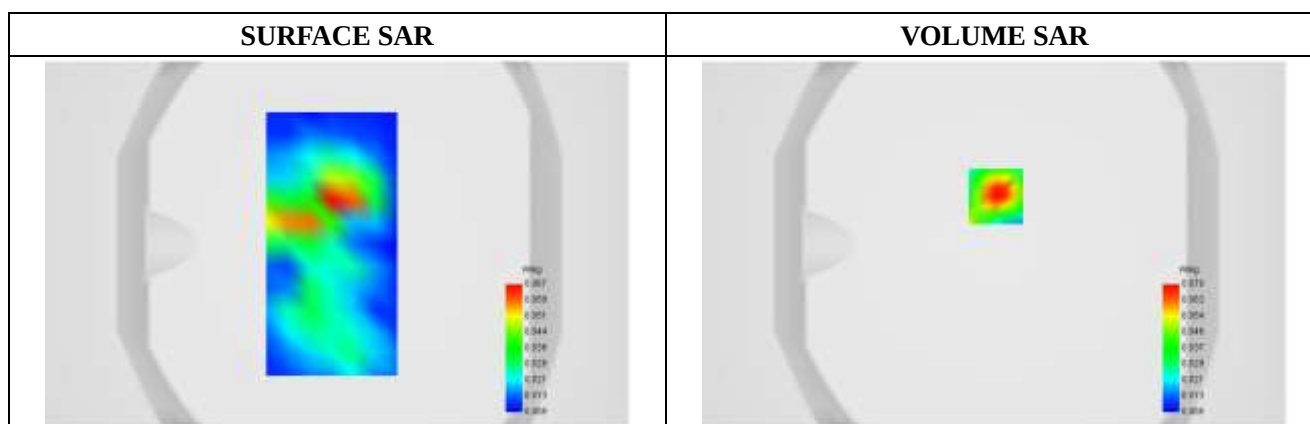
B. SAR Measurement Results

Frequency (MHz)	2437
Relative permittivity (real part)	39.60
Conductivity (S/m)	1.78
Variation (%)	-2.58

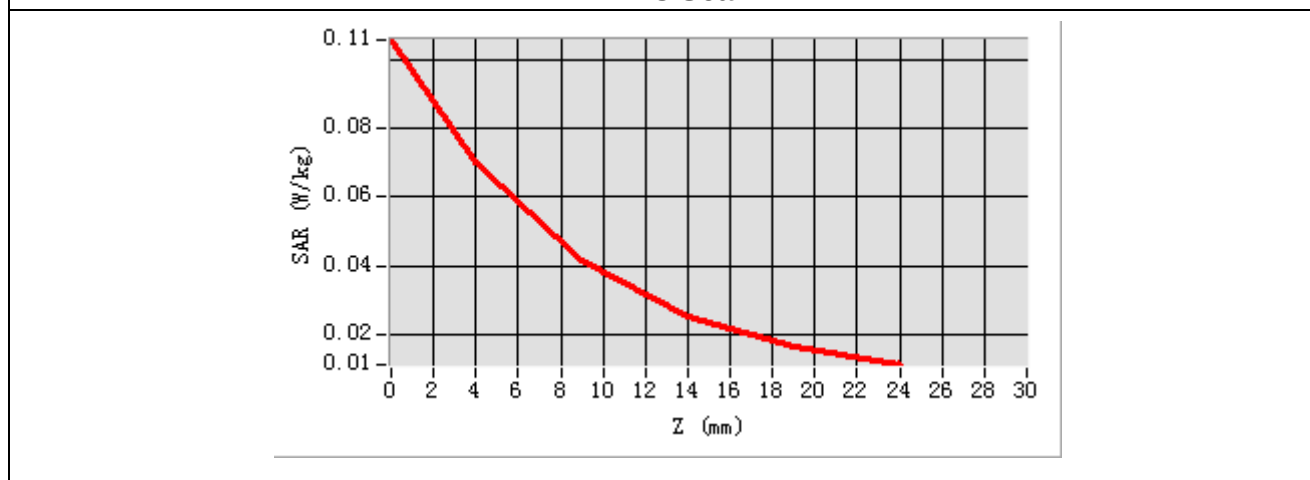
Maximum location: X=0.00, Y=26.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.035627
SAR 1g (W/Kg)	0.064715



Z Axis Scan



Testing result (WI-FI 2.4G 802.11bANT7, Edge A, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

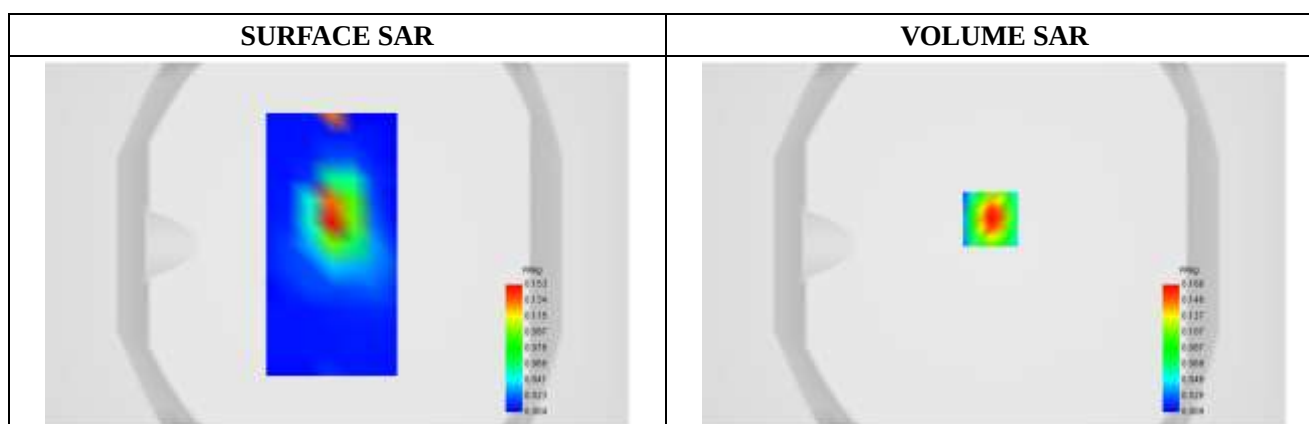
B. SAR Measurement Results

Frequency (MHz)	2437
Relative permittivity (real part)	39.60
Conductivity (S/m)	1.78
Variation (%)	-1.01

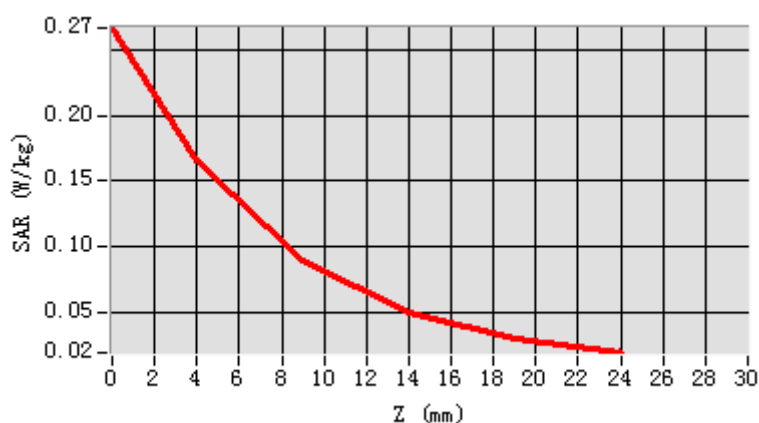
Maximum location: X=-3.00, Y=14.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.077031
SAR 1g (W/Kg)	0.150548



Z Axis Scan



Testing result (WI-FI 2.4G 802.11bANT9, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11b
Channels	High
Signal	DSSS(Crest factor: 1.0)

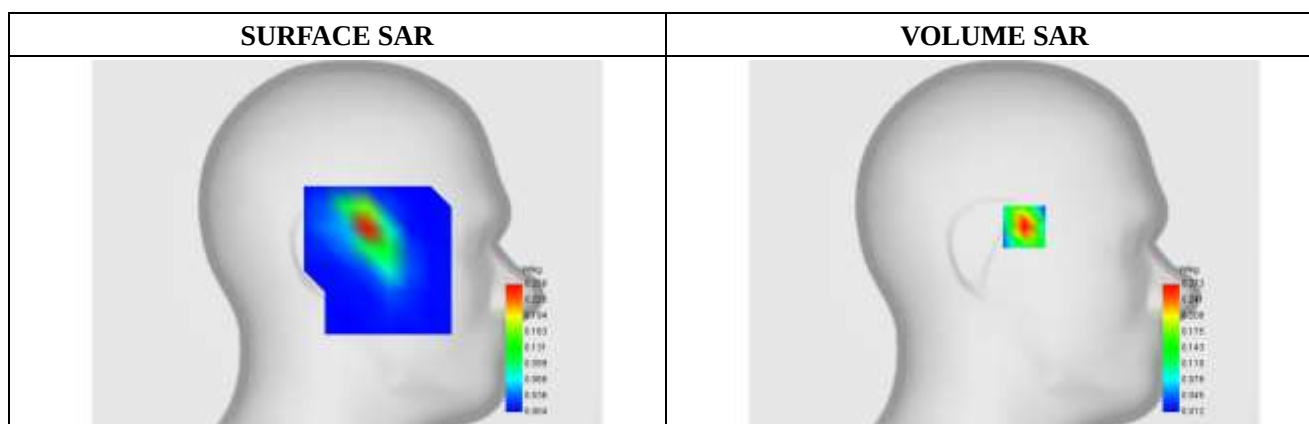
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.84
Variation (%)	-0.34

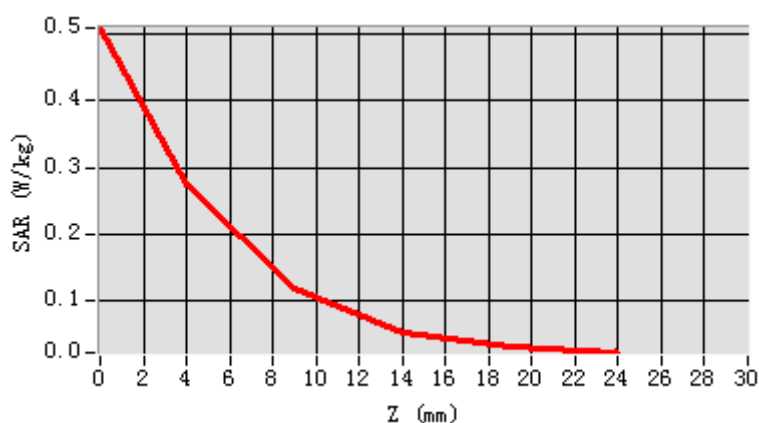
Maximum location: X=-30.00, Y=-38.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.113436
SAR 1g (W/Kg)	0.245626



Z Axis Scan



Testing result (WI-FI 2.4G 802.11bANT9, Front, High, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

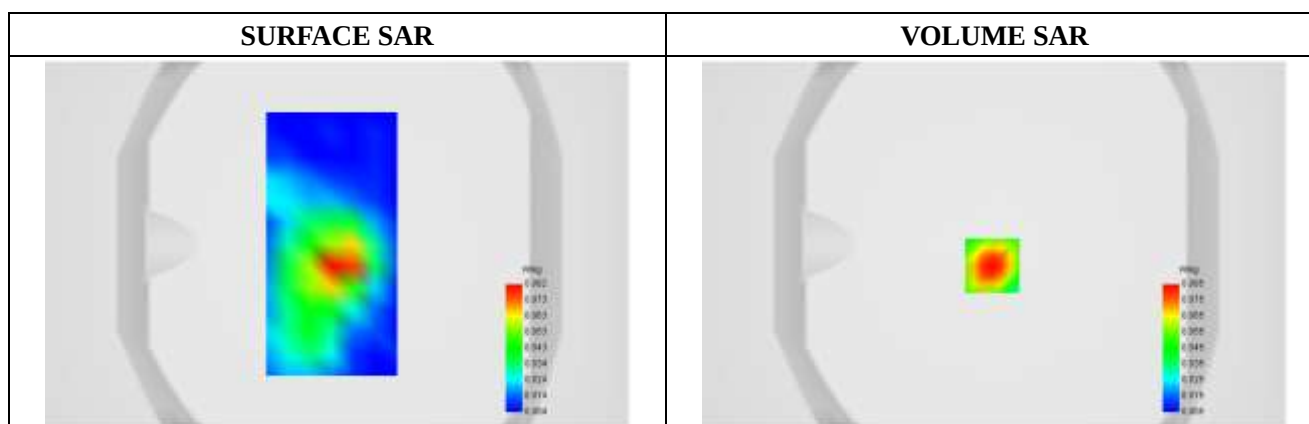
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.84
Variation (%)	-1.12

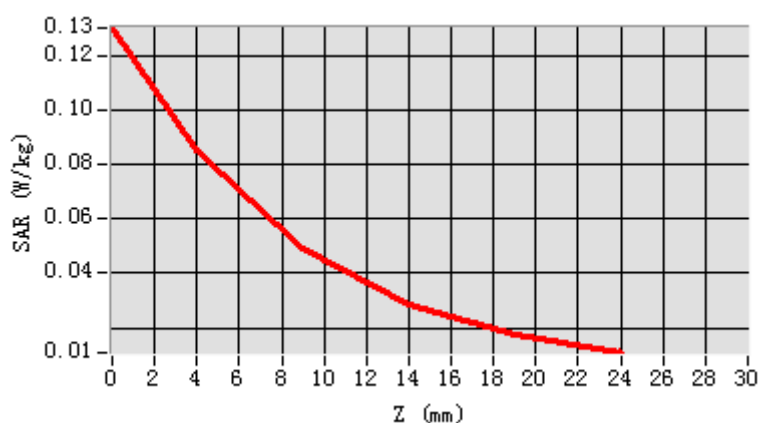
Maximum location: X=-2.00, Y=-12.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.045050
SAR 1g (W/Kg)	0.086386



Z Axis Scan



Testing result (WI-FI 2.4G 802.11bANT9, Edge B, High, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	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)

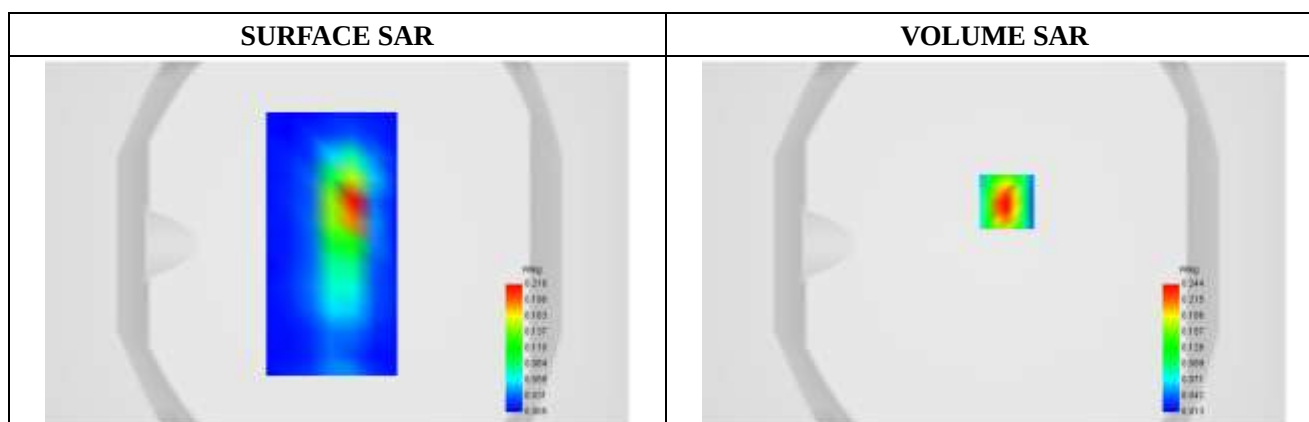
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.84
Variation (%)	0.96

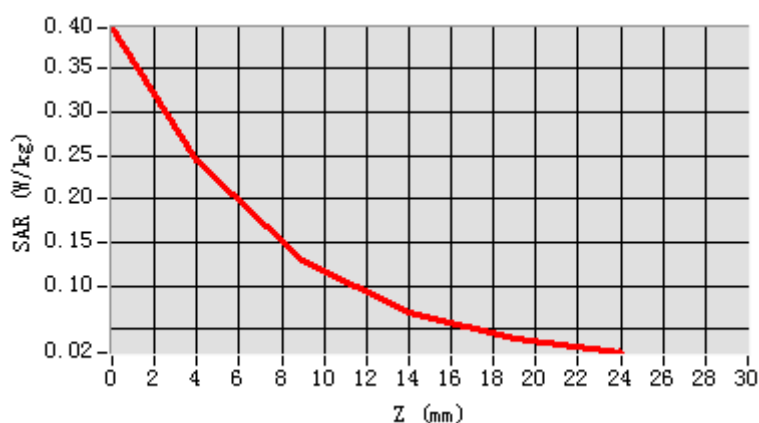
Maximum location: X=6.00, Y=23.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.109734
SAR 1g (W/Kg)	0.237326



Z Axis Scan



Testing result (WI-FI 2.4G 802.11n20ANT7+9, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	High
Signal	OFDM(Crest factor: 1.0)

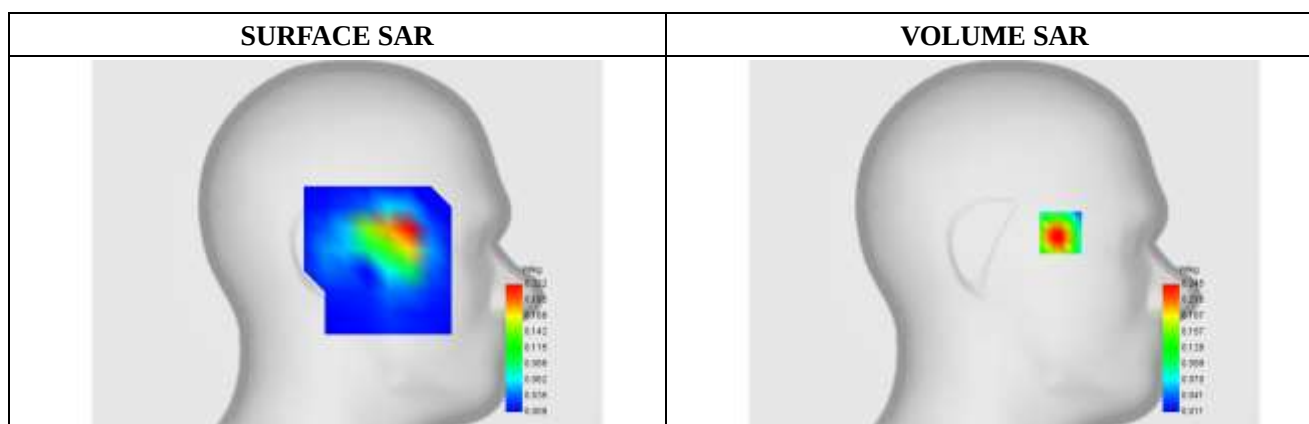
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.84
Variation (%)	-0.73

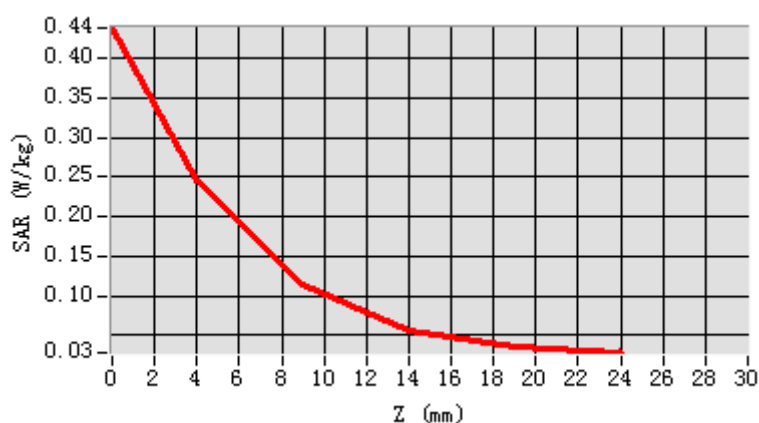
Maximum location: X=-46.00, Y=8.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.119108
SAR 1g (W/Kg)	0.233715



Z Axis Scan



Testing result (WI-FI 2.4G802.11n20ANT7+9, Front, High, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	High
Signal	OFDM(Crest factor: 1.0)

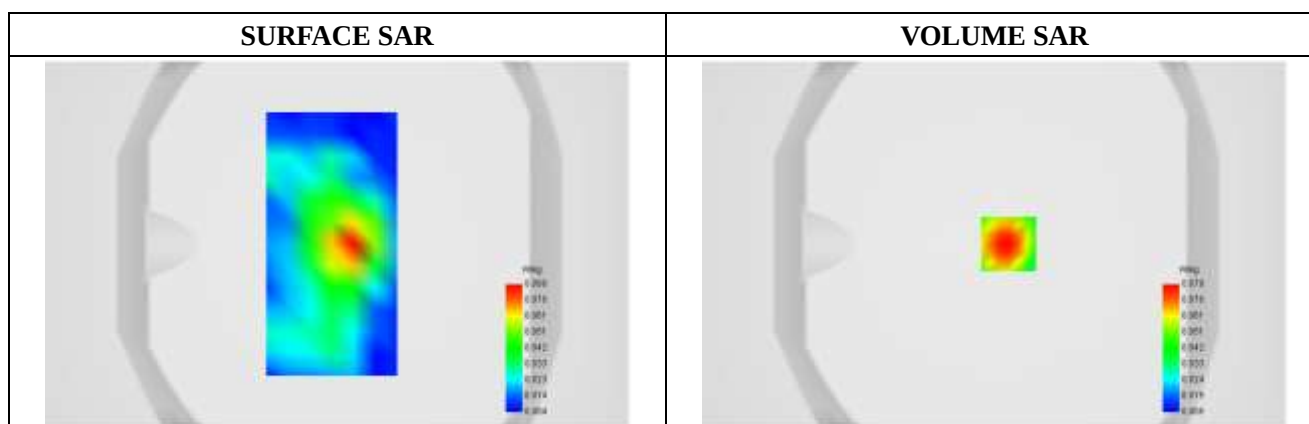
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.84
Variation (%)	-0.72

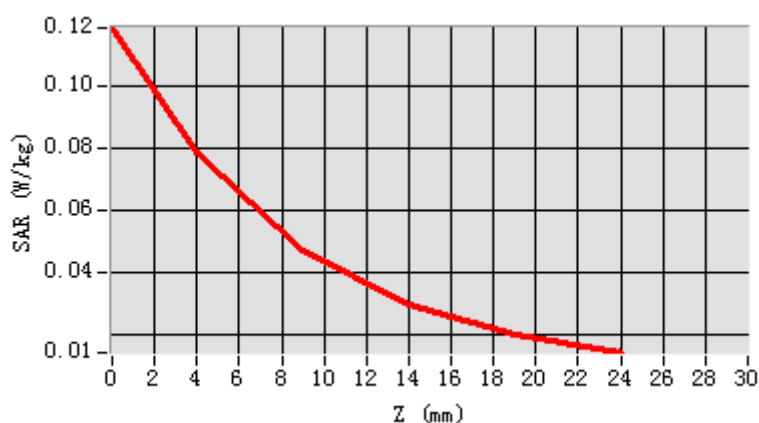
Maximum location: X=7.00, Y=0.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.044351
SAR 1g (W/Kg)	0.080282



Z Axis Scan



Testing result (WI-FI 2.4G 802.11n20ANT7+9, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7, dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	High
Signal	OFDM(Crest factor: 1.0)

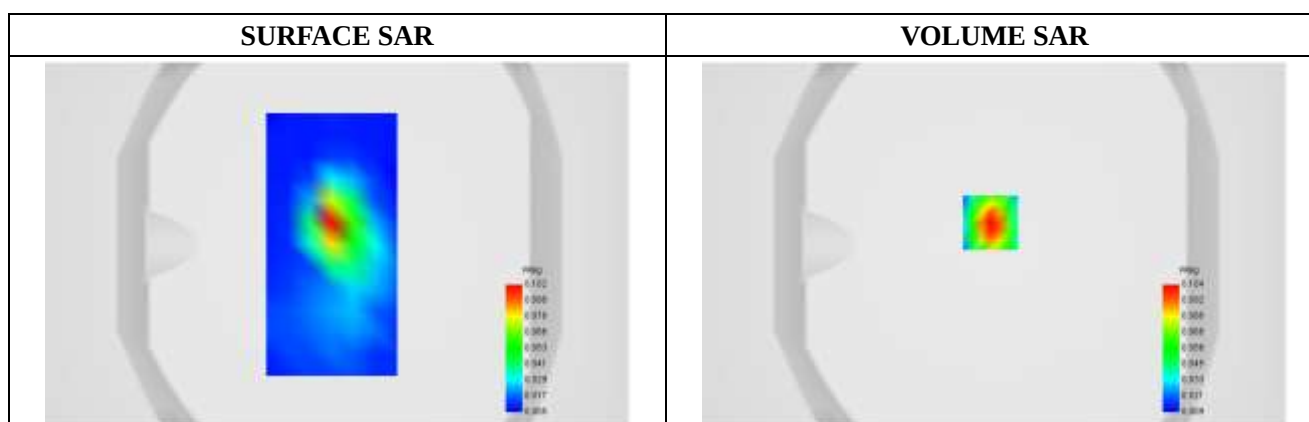
B. SAR Measurement Results

Frequency (MHz)	2462
Relative permittivity (real part)	39.49
Conductivity (S/m)	1.84
Variation (%)	0.17

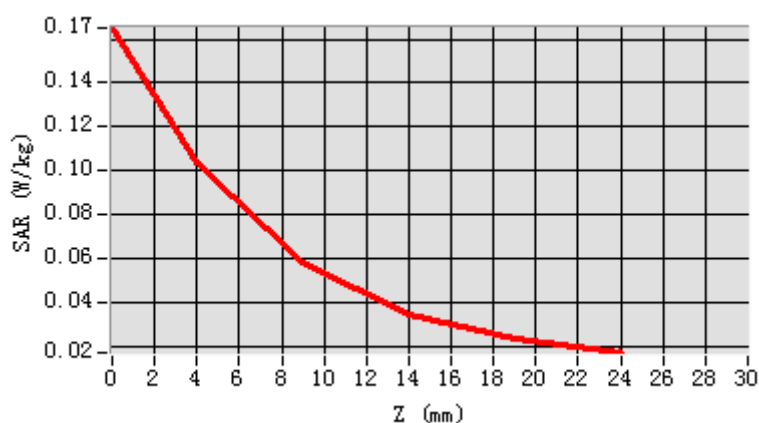
Maximum location: X=-3.00, Y=12.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.051121
SAR 1g (W/Kg)	0.094814



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT8, Left Tilted, Low, 0mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

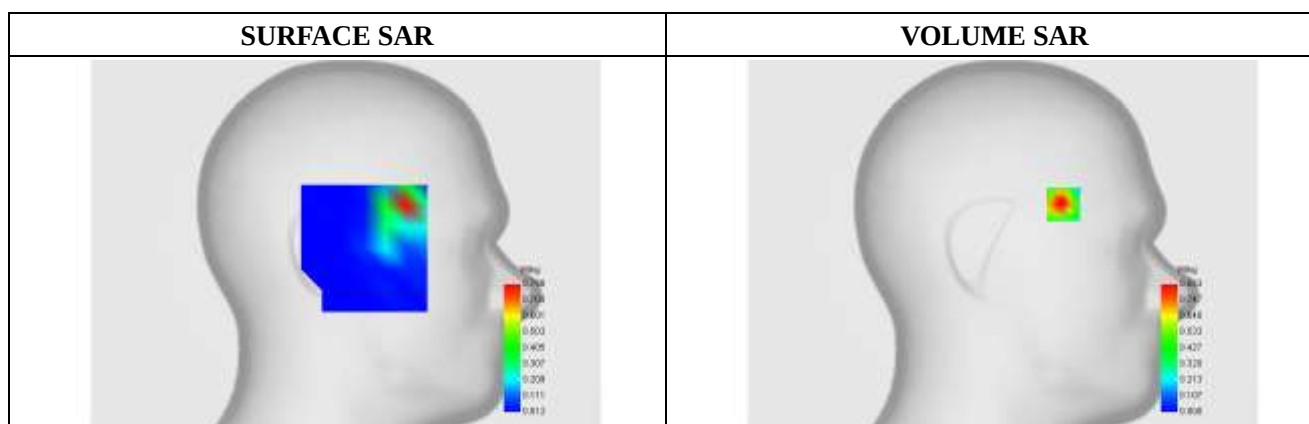
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	-2.52

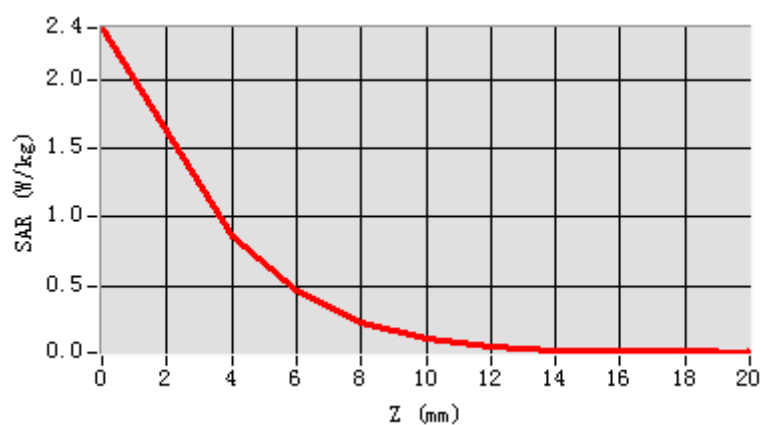
Maximum location: X=-48.00, Y=28.00

SAR Peak: 2.28 W/kg

SAR 10g (W/Kg)	0.220596
SAR 1g (W/Kg)	0.583618



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT8, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

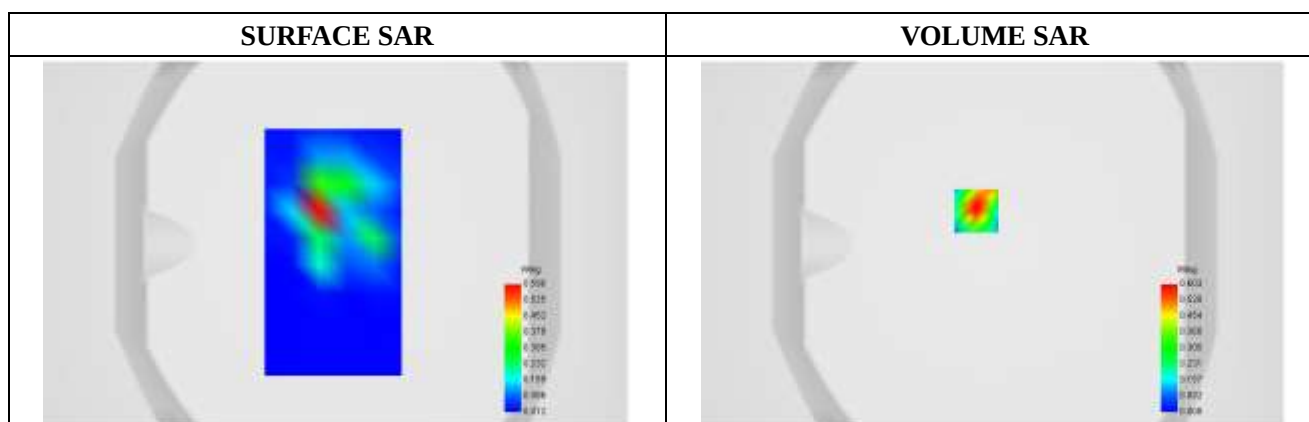
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	-1.55

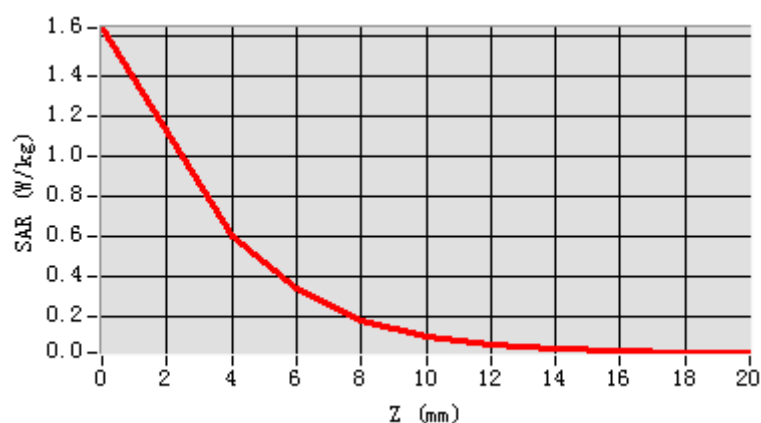
Maximum location: X=-10.00, Y=18.00

SAR Peak: 1.53 W/kg

SAR 10g (W/Kg)	0.201532
SAR 1g (W/Kg)	0.402211



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

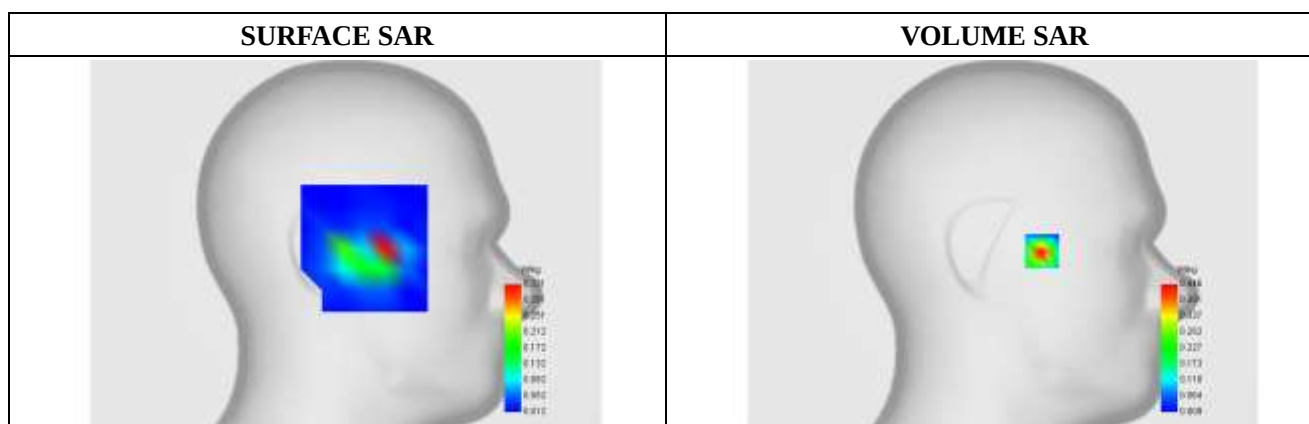
B. SAR Measurement Results

Frequency (MHz)	5220
Relative permittivity (real part)	35.79
Conductivity (S/m)	4.71
Variation (%)	-0.92

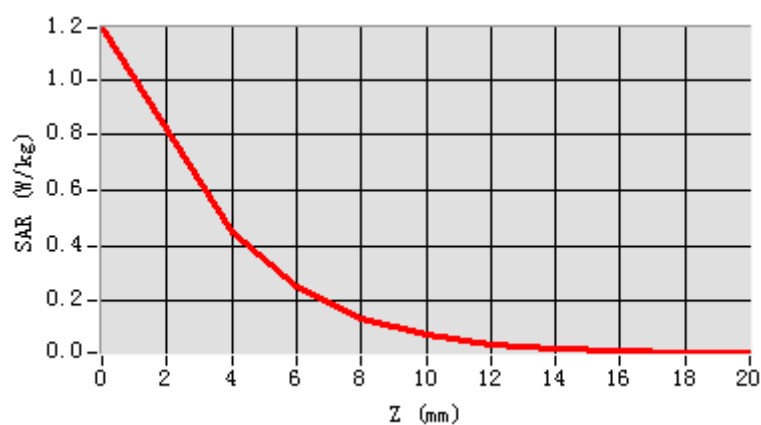
Maximum location: X=-34.00, Y=-5.00

SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.134081
SAR 1g (W/Kg)	0.422992



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT9, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

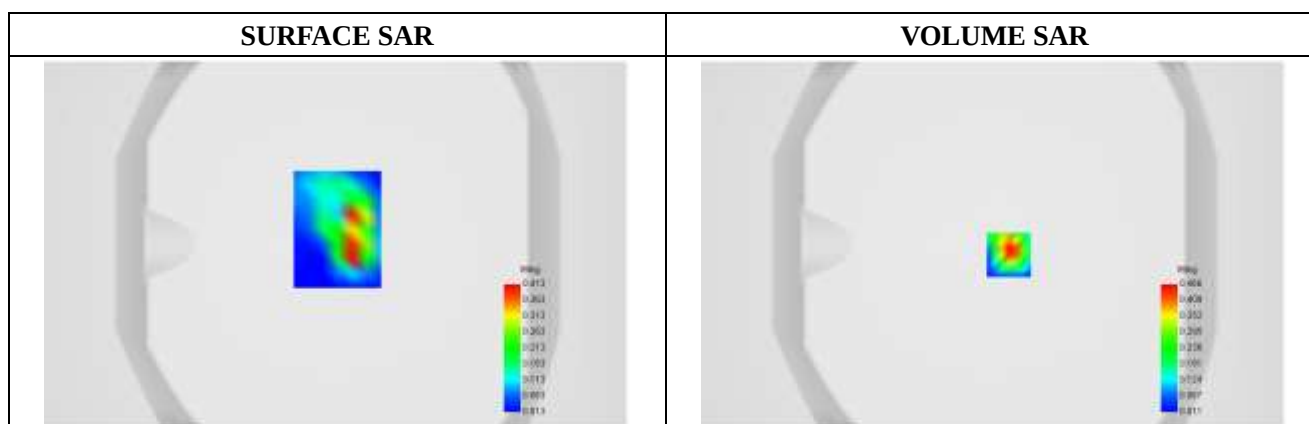
B. SAR Measurement Results

Frequency (MHz)	5220
Relative permittivity (real part)	35.79
Conductivity (S/m)	4.71
Variation (%)	-2.10

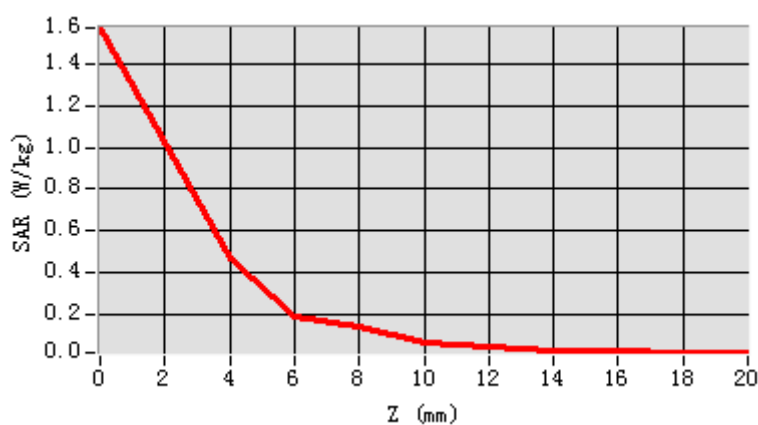
Maximum location: X=8.00, Y=-6.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.115811
SAR 1g (W/Kg)	0.308397



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11n20ANT8+9, Right Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Right Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

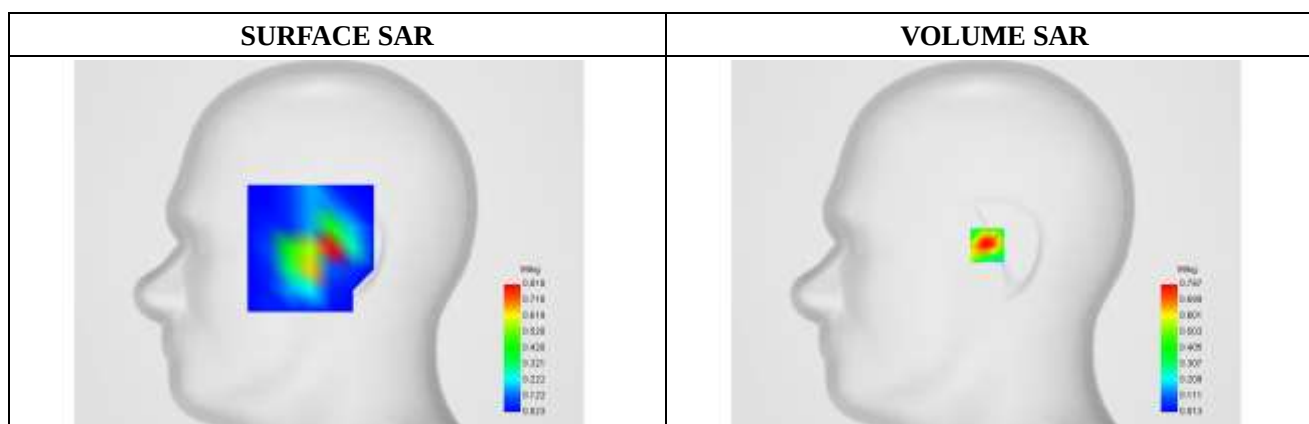
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	-0.99

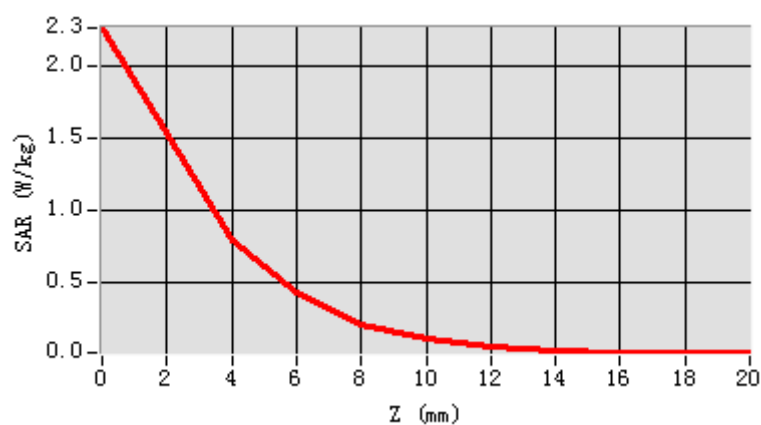
Maximum location: X=-5.00, Y=-1.00

SAR Peak: 2.38 W/kg

SAR 10g (W/Kg)	0.229249
SAR 1g (W/Kg)	0.650966



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11n20ANT8+9, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

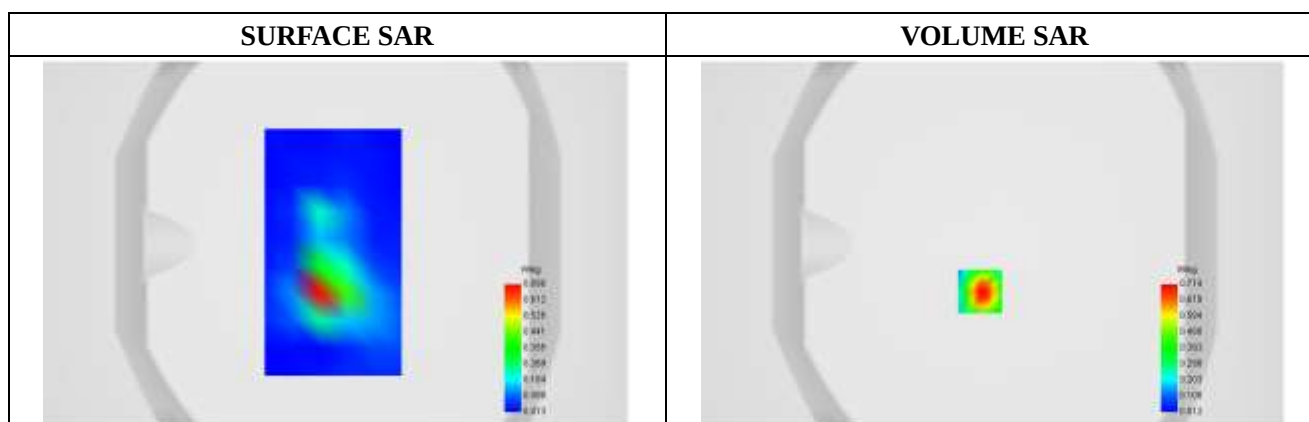
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	0.73

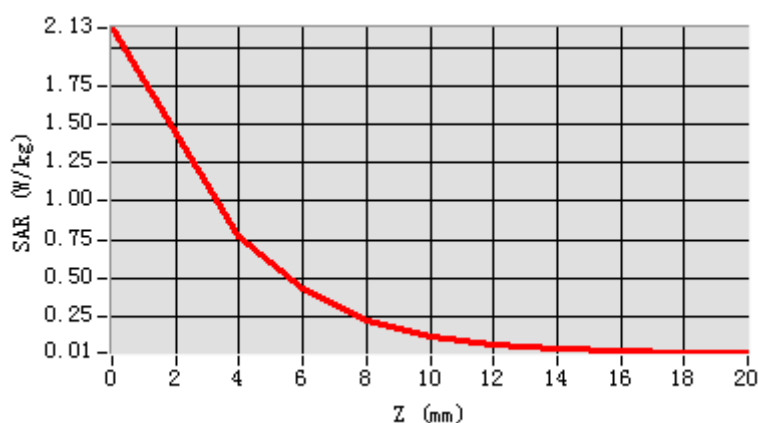
Maximum location: X=-8.00, Y=-26.00

SAR Peak: 2.02 W/kg

SAR 10g (W/Kg)	0.175205
SAR 1g (W/Kg)	0.449027



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT8, Left Tilted, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

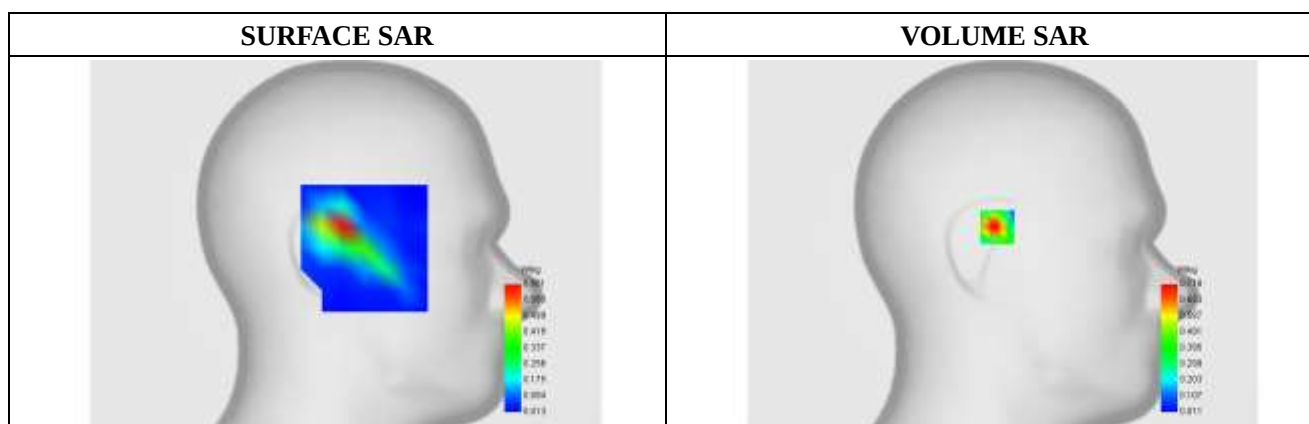
B. SAR Measurement Results

Frequency (MHz)	5300
Relative permittivity (real part)	35.02
Conductivity (S/m)	4.74
Variation (%)	1.84

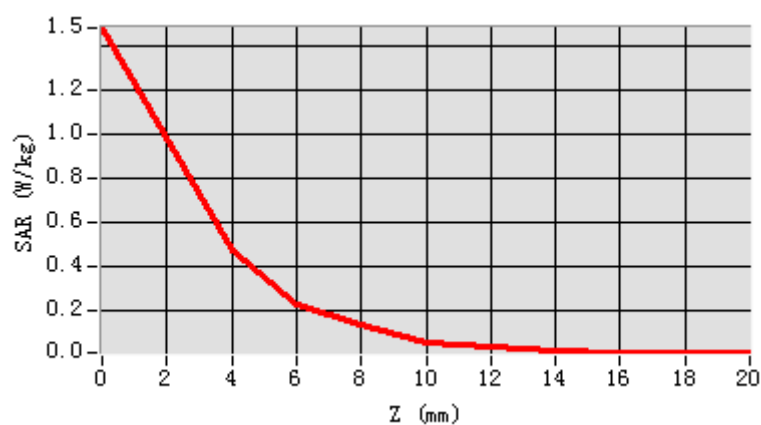
Maximum location: X=-2.00, Y=12.00

SAR Peak: 1.78 W/kg

SAR 10g (W/Kg)	0.194373
SAR 1g (W/Kg)	0.518461



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT8, Edge B, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

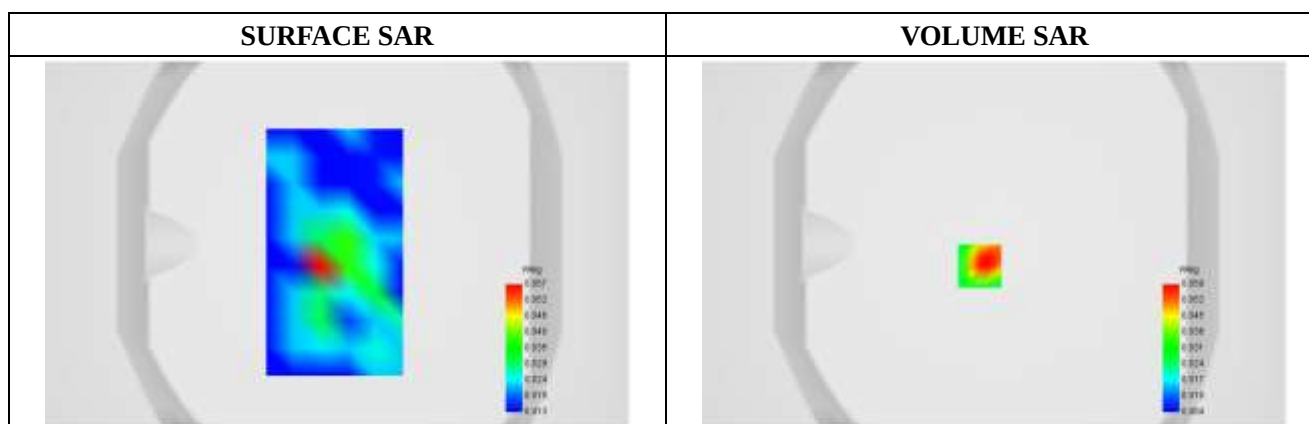
B. SAR Measurement Results

Frequency (MHz)	5300
Relative permittivity (real part)	35.02
Conductivity (S/m)	4.74
Variation (%)	1.89

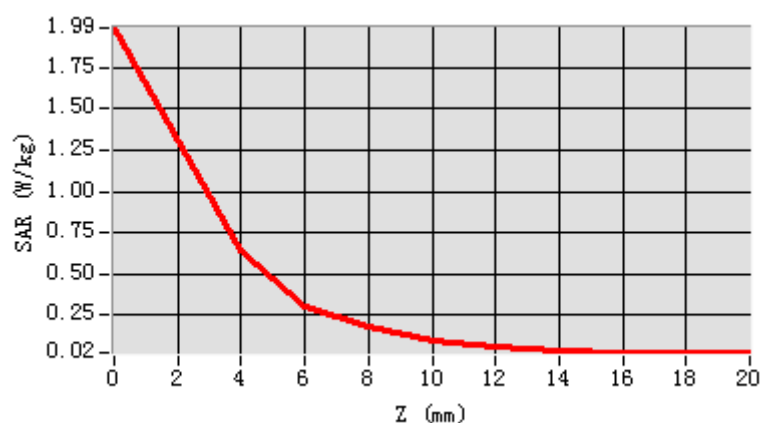
Maximum location: X=-10.00, Y=19.00

SAR Peak: 1.79 W/kg

SAR 10g (W/Kg)	0.167022
SAR 1g (W/Kg)	0.402414



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT9, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

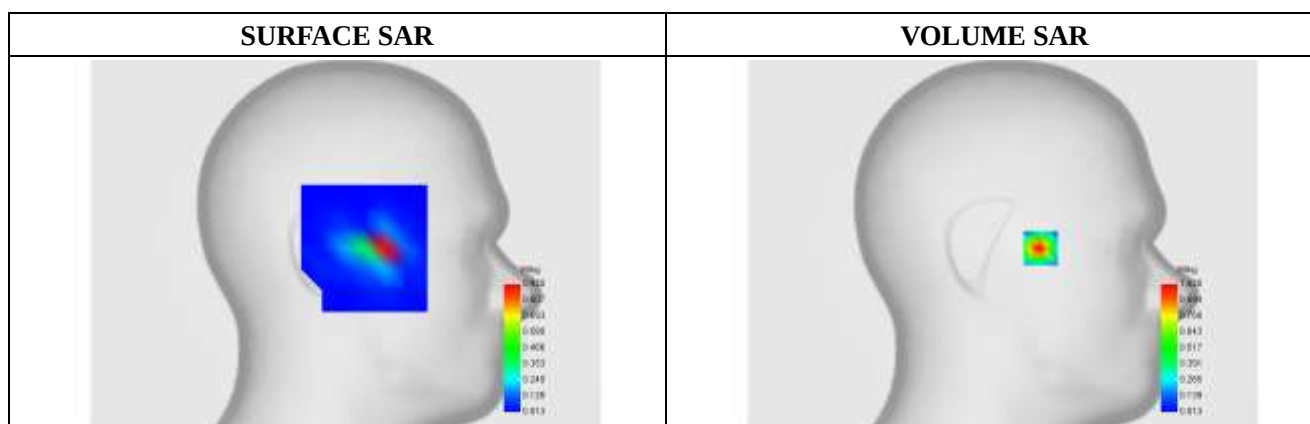
B. SAR Measurement Results

Frequency (MHz)	5320
Relative permittivity (real part)	34.98
Conductivity (S/m)	4.77
Variation (%)	-2.91

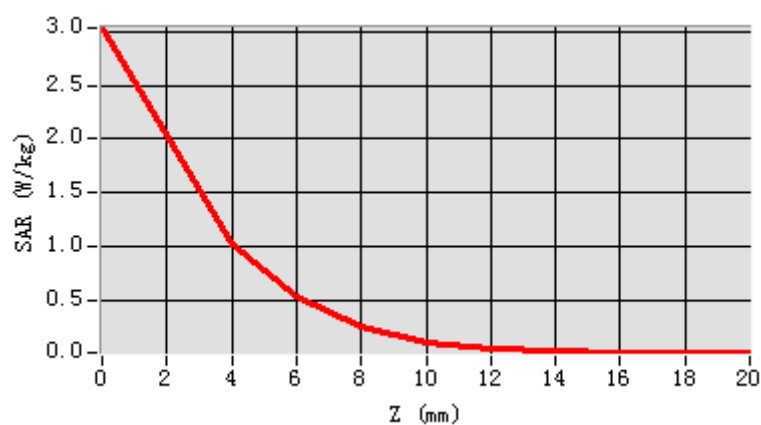
Maximum location: X=-33.00, Y=-3.00

SAR Peak: 2.57 W/kg

SAR 10g (W/Kg)	0.226245
SAR 1g (W/Kg)	0.684566



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT9, Back, High, 10mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

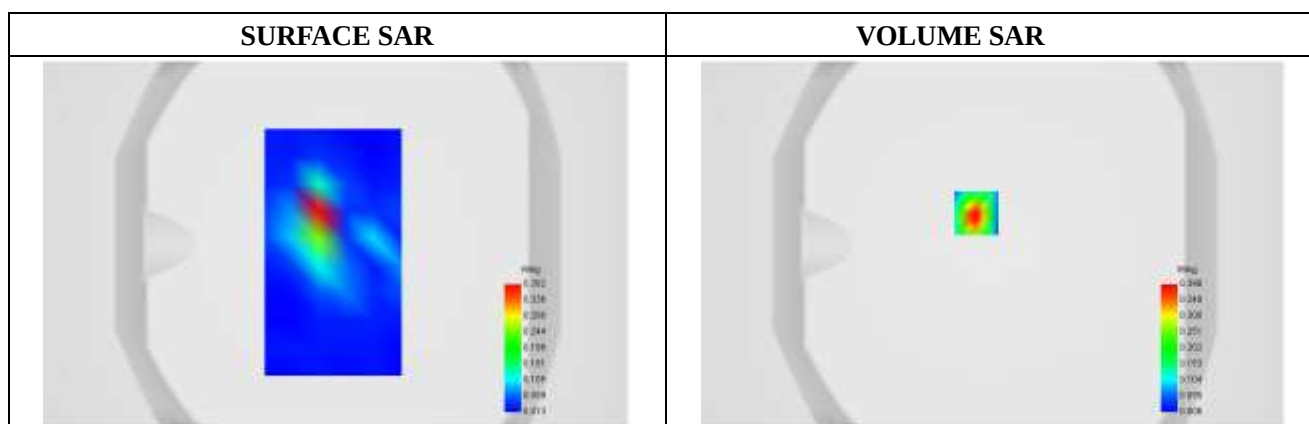
B. SAR Measurement Results

Frequency (MHz)	5320
Relative permittivity (real part)	34.98
Conductivity (S/m)	4.77
Variation (%)	-1.35

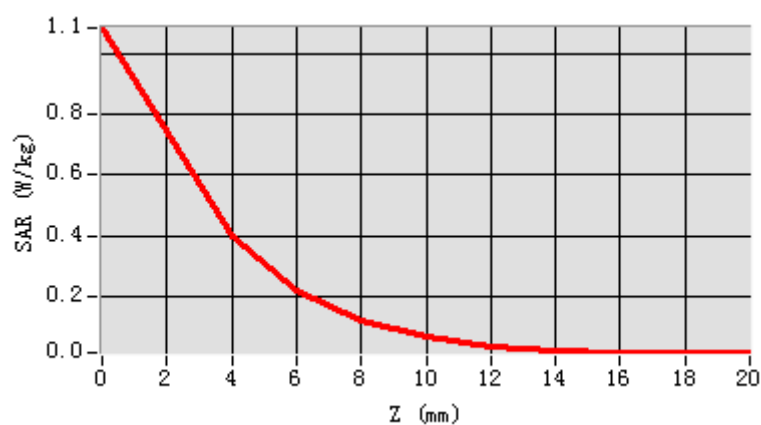
Maximum location: X=-10.00, Y=17.00

SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.142819
SAR 1g (W/Kg)	0.431098



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11n20ANT7+9, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

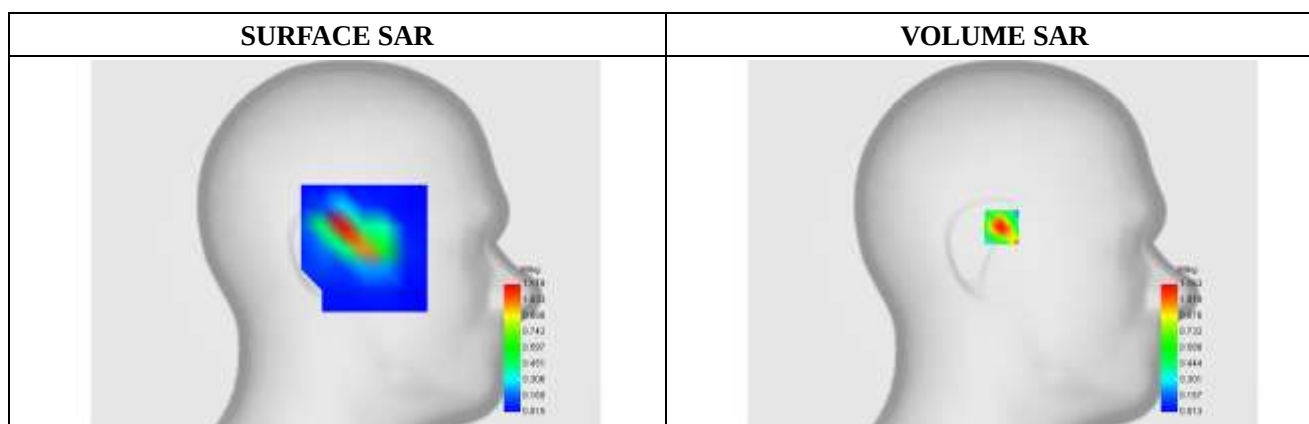
B. SAR Measurement Results

Frequency (MHz)	5260
Relative permittivity (real part)	35.09
Conductivity (S/m)	4.69
Variation (%)	3.07

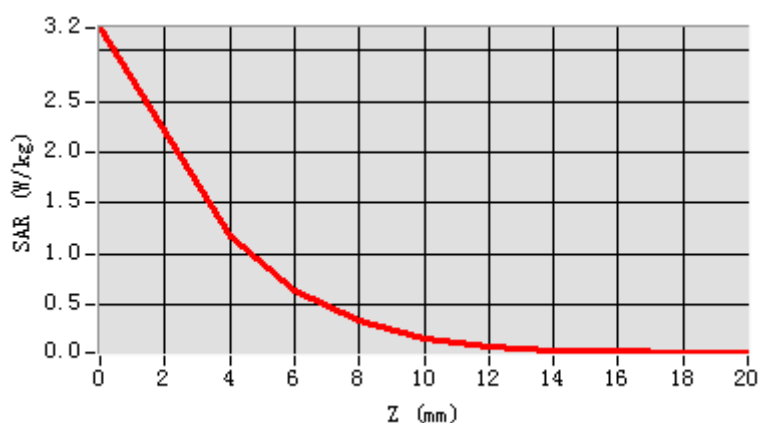
Maximum location: X=-5.00, Y=12.00

SAR Peak: 2.89 W/kg

SAR 10g (W/Kg)	0.343142
SAR 1g (W/Kg)	0.704261



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11n20ANT7+9, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

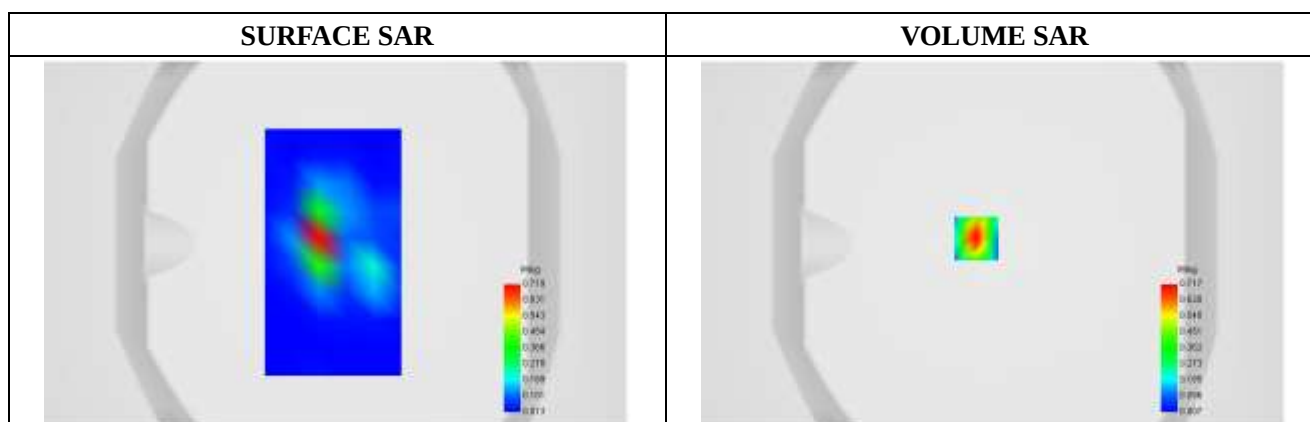
B. SAR Measurement Results

Frequency (MHz)	5260
Relative permittivity (real part)	35.09
Conductivity (S/m)	4.69
Variation (%)	2.47

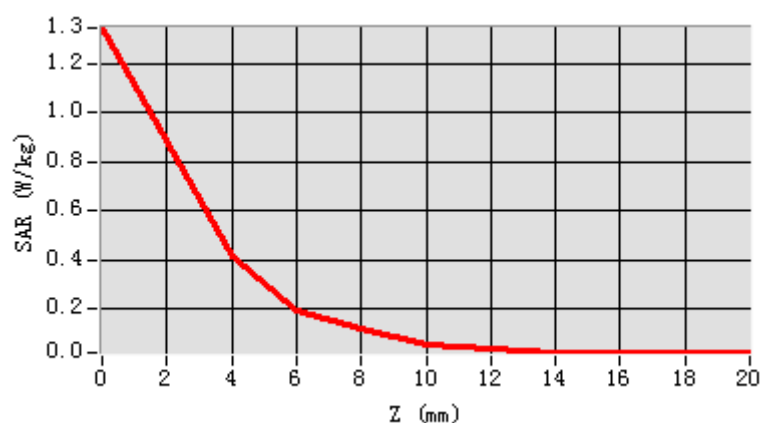
Maximum location: X=-10.00, Y=3.00

SAR Peak: 1.29 W/kg

SAR 10g (W/Kg)	0.182014
SAR 1g (W/Kg)	0.482152



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT8, Left Tilted, High, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

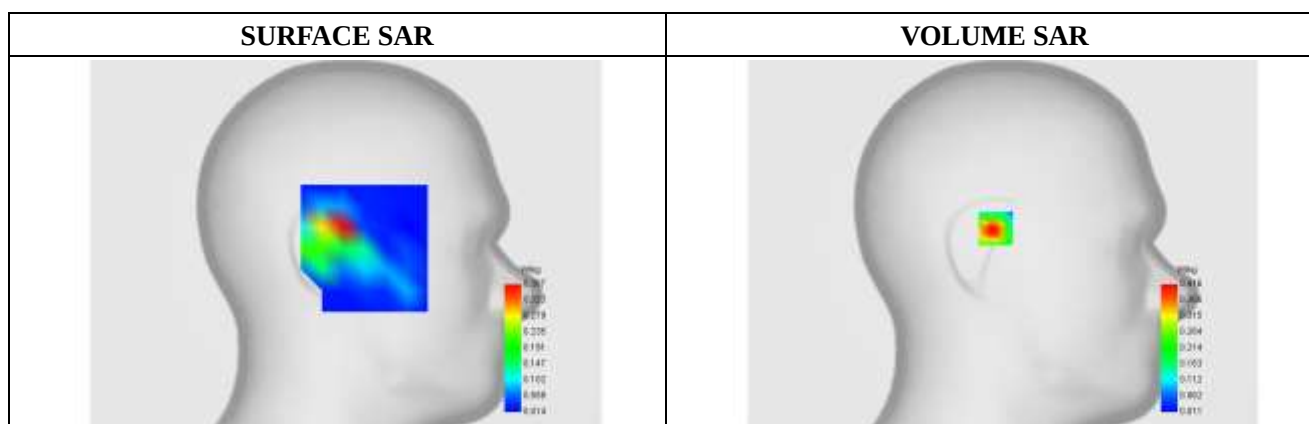
B. SAR Measurement Results

Frequency (MHz)	5700
Relative permittivity (real part)	34.07
Conductivity (S/m)	5.21
Variation (%)	-0.11

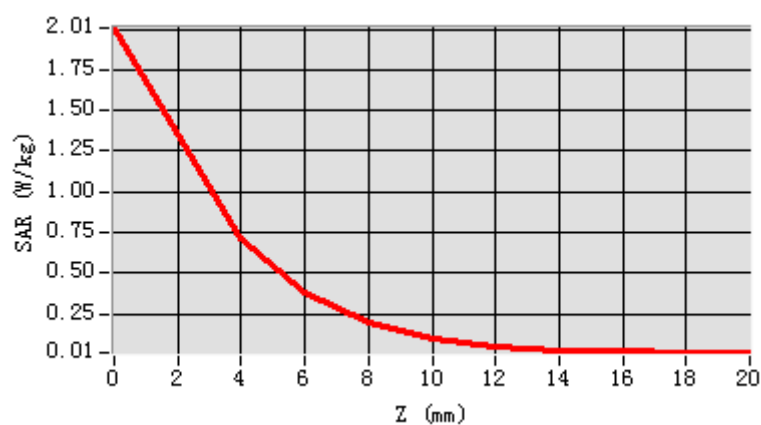
Maximum location: X=-1.00, Y=11.00

SAR Peak: 1.98 W/kg

SAR 10g (W/Kg)	0.171319
SAR 1g (W/Kg)	0.469286



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT8, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

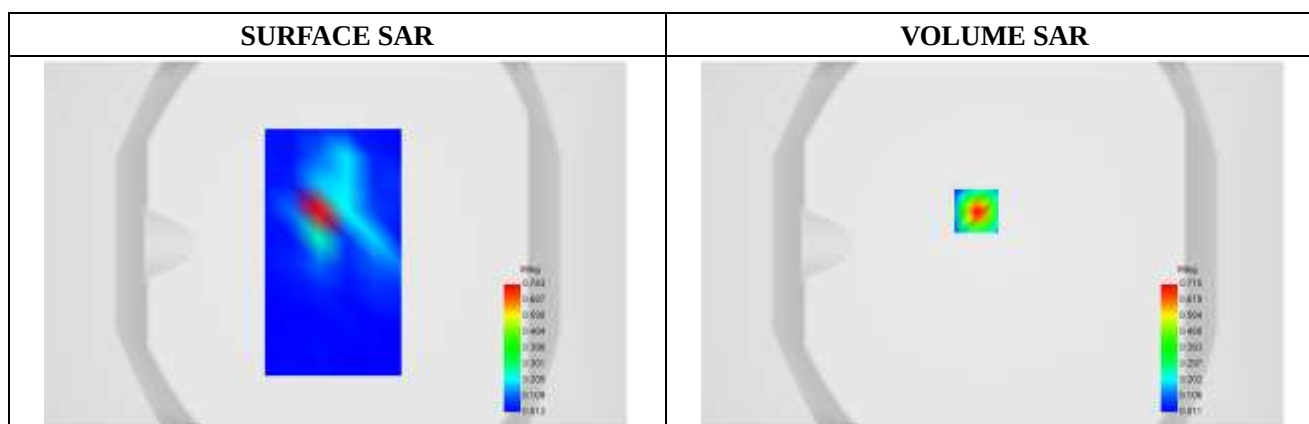
B. SAR Measurement Results

Frequency (MHz)	5700
Relative permittivity (real part)	34.07
Conductivity (S/m)	5.21
Variation (%)	0.13

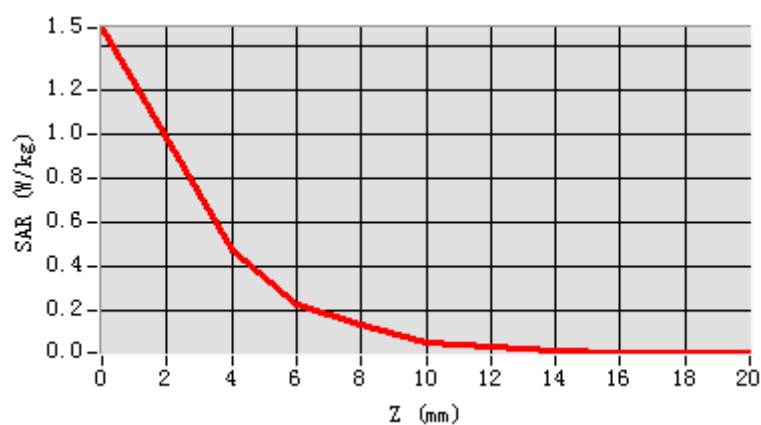
Maximum location: X=-10.00, Y=18.00

SAR Peak: 1.32 W/kg

SAR 10g (W/Kg)	0.113423
SAR 1g (W/Kg)	0.361792



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

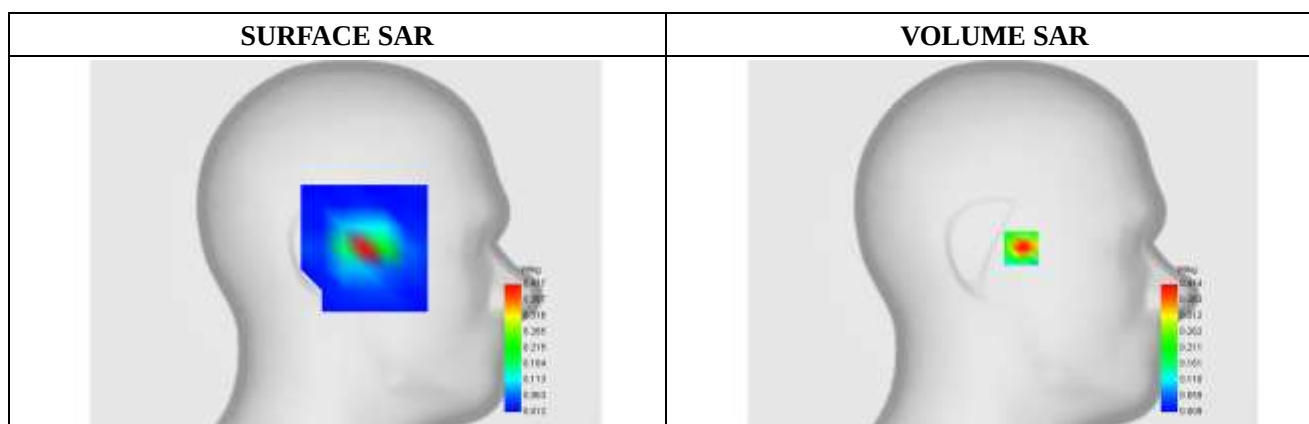
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.30
Conductivity (S/m)	5.06
Variation (%)	-0.80

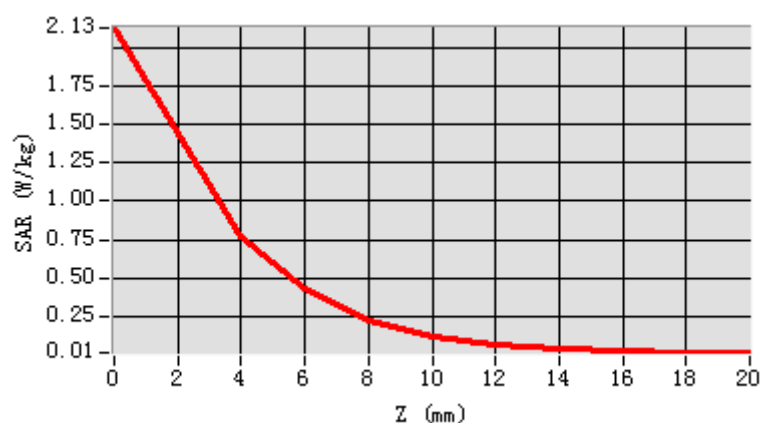
Maximum location: X=-34.00, Y=-5.00

SAR Peak: 2.04 W/kg

SAR 10g (W/Kg)	0.135915
SAR 1g (W/Kg)	0.389030



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT9, Edge B, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

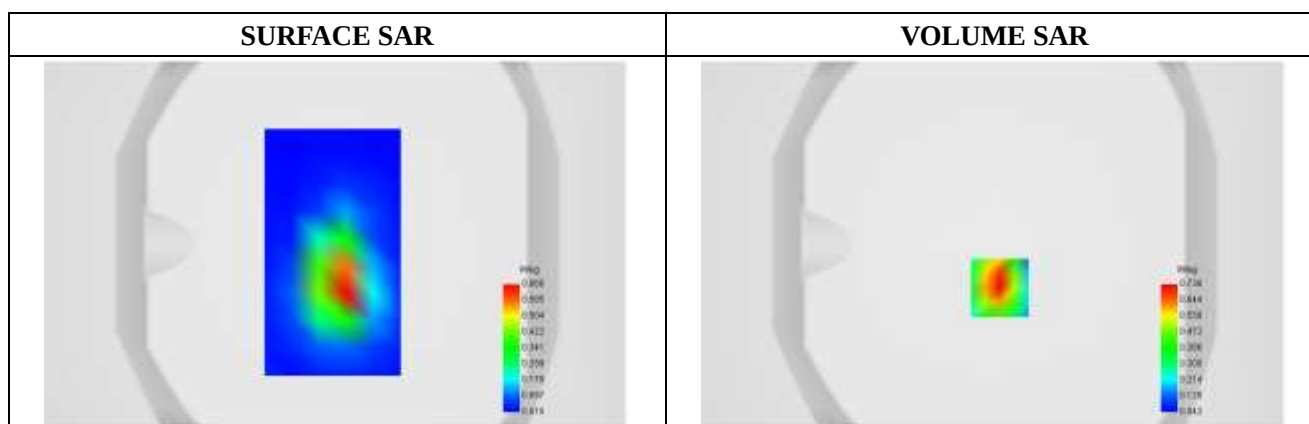
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.30
Conductivity (S/m)	5.06
Variation (%)	-1.63

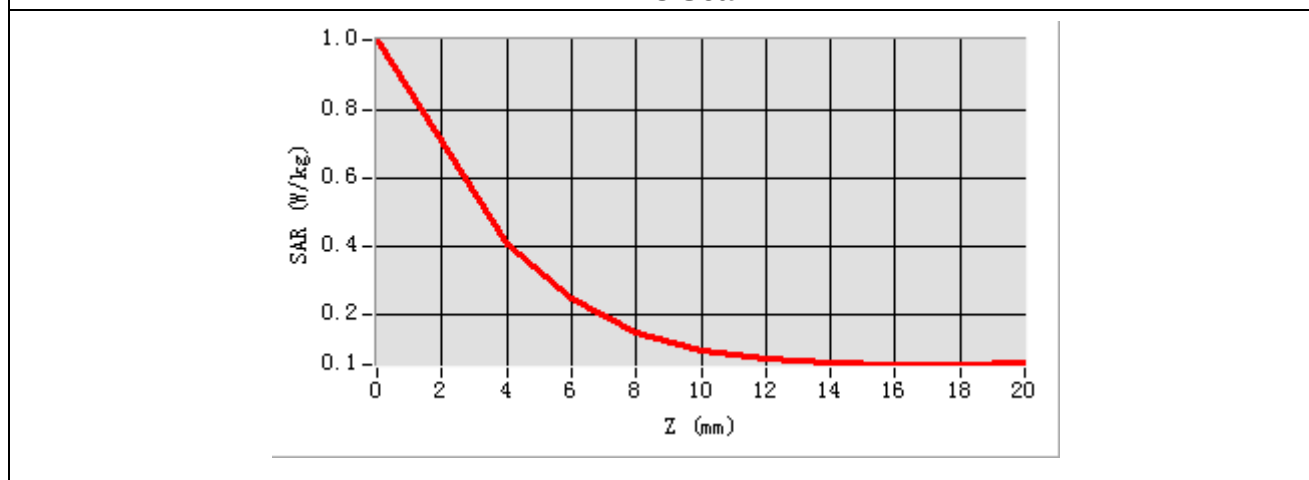
Maximum location: X=3.00, Y=18.00

SAR Peak: 1.05 W/kg

SAR 10g (W/Kg)	0.094582
SAR 1g (W/Kg)	0.261824



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11n20ANT8+9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

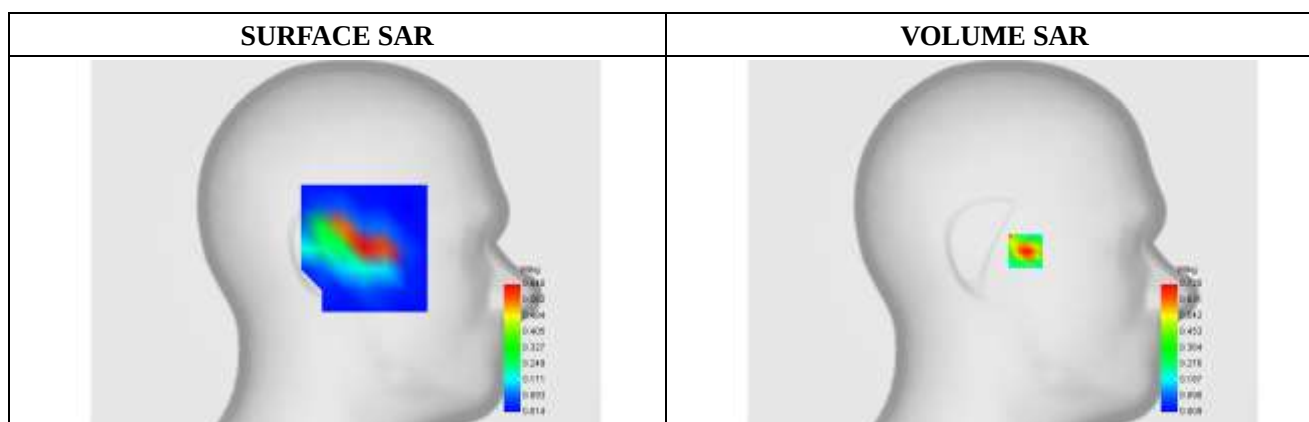
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.89
Conductivity (S/m)	4.89
Variation (%)	-3.62

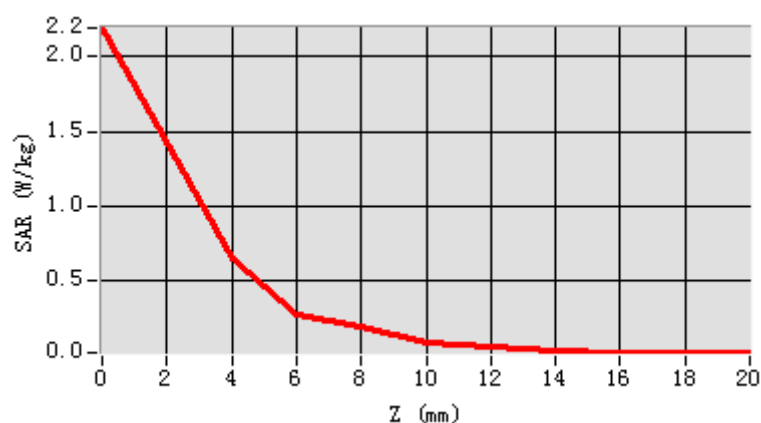
Maximum location: =-22.00, Y=-5.00

SAR Peak: 2.13 W/kg

SAR 10g (W/Kg)	0.247111
SAR 1g (W/Kg)	0.610253



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11n20ANT8+9, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

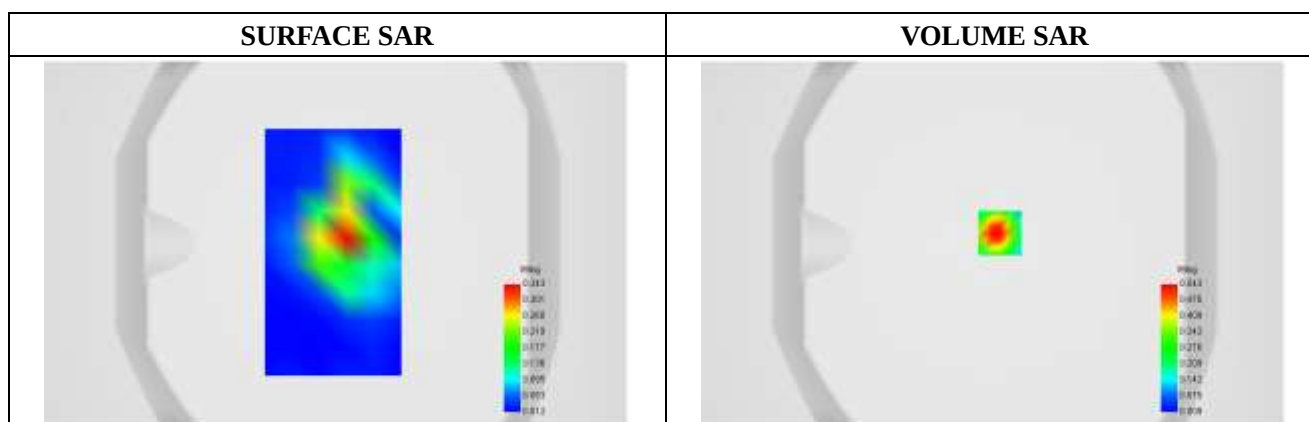
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.89
Conductivity (S/m)	4.89
Variation (%)	-2.35

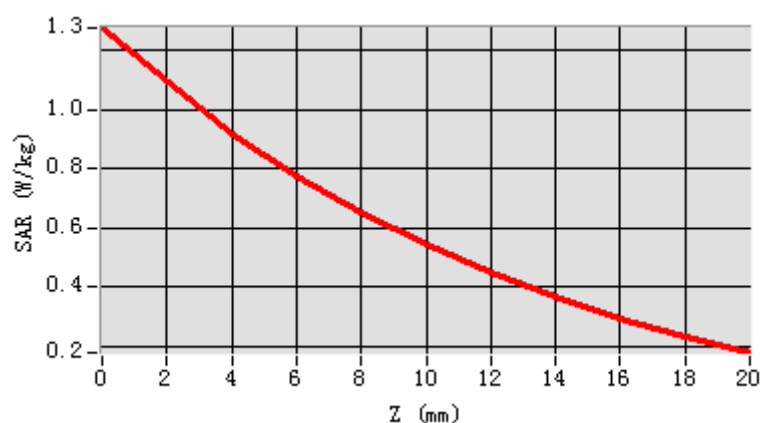
Maximum location: X=3.00, Y=6.00

SAR Peak: 1.28 W/kg

SAR 10g (W/Kg)	0.179151
SAR 1g (W/Kg)	0.441089



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT8, Left Tilted, Low, 0mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

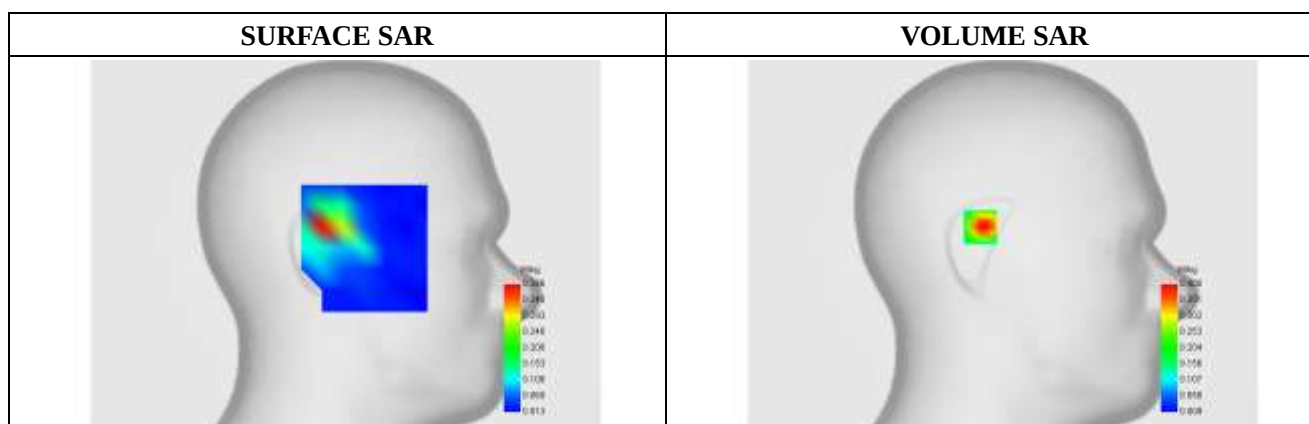
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-1.57

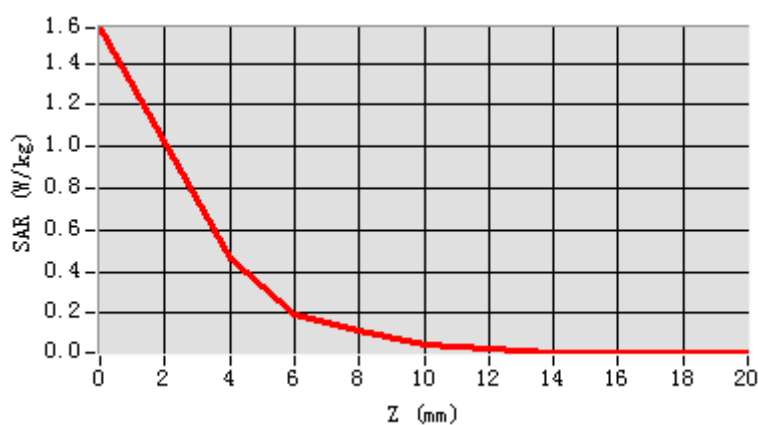
Maximum location: X=10.00, Y=12.00

SAR Peak: 1.55 W/kg

SAR 10g (W/Kg)	0.168049
SAR 1g (W/Kg)	0.414731



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT8, Edge A, Low, 10mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

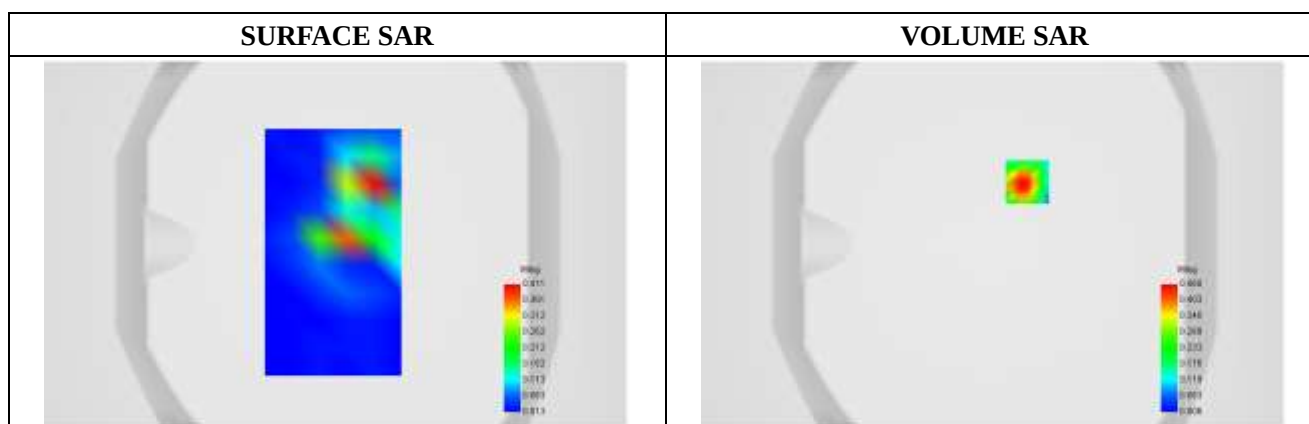
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-2.88

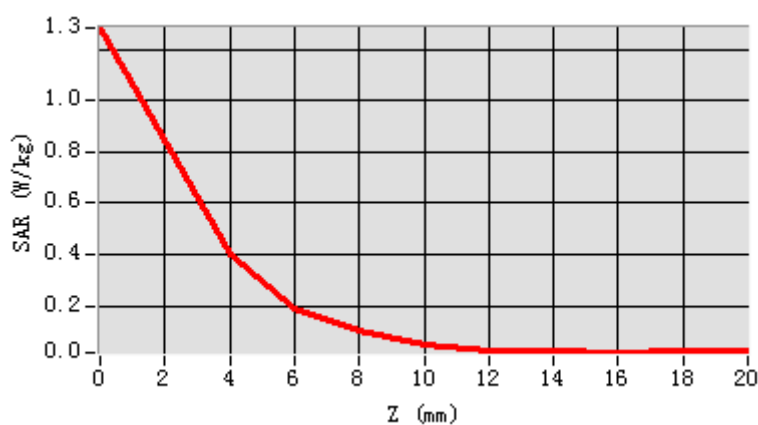
Maximum location: X=-18.00, Y=34.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.160149
SAR 1g (W/Kg)	0.400956



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT9, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

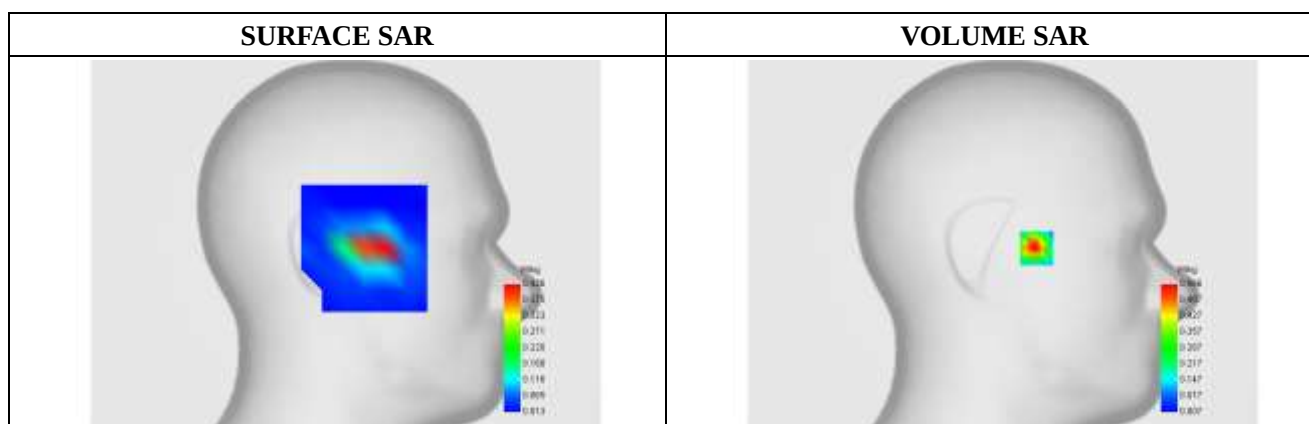
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-1.79

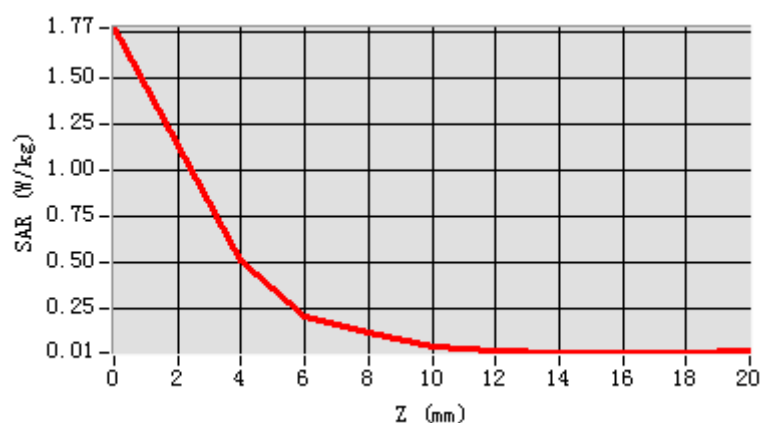
Maximum location: X=-30.00, Y=-3.00

SAR Peak: 1.62 W/kg

SAR 10g (W/Kg)	0.192566
SAR 1g (W/Kg)	0.488969



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT9, Edge B, Low, 10mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

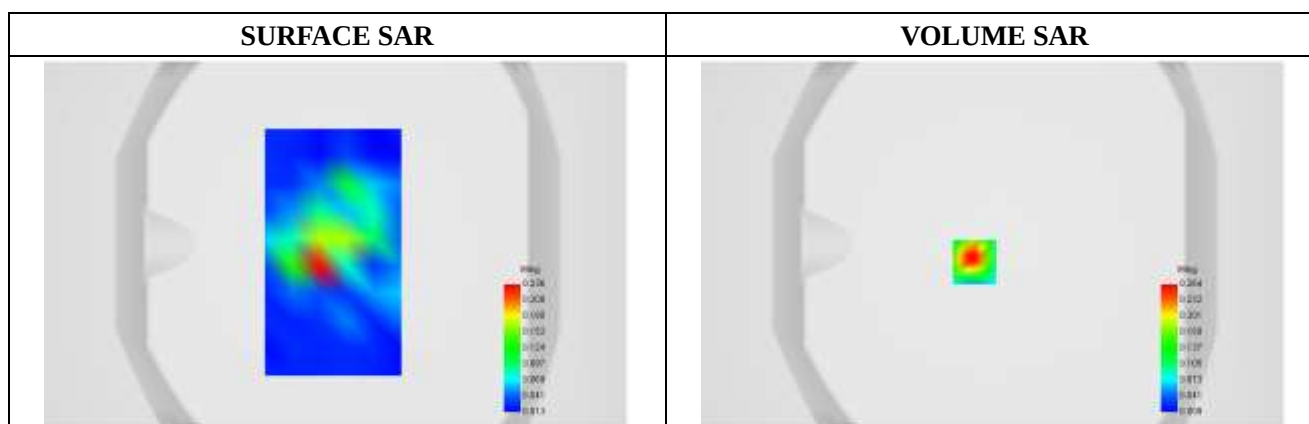
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-2.45

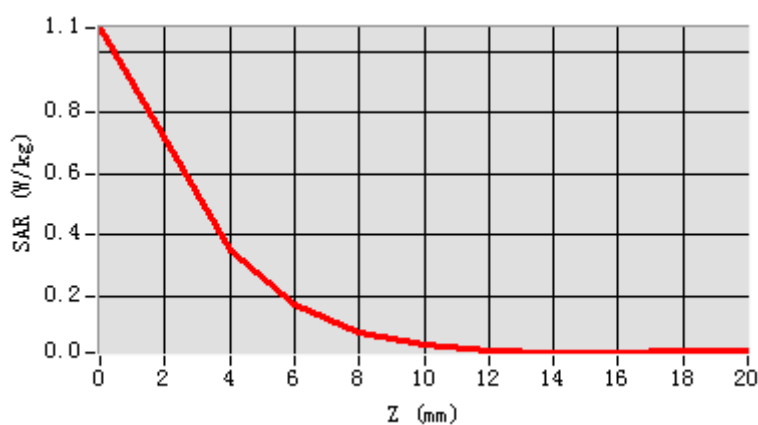
Maximum location: X=11.00, Y=-10.00

SAR Peak: 1.05 W/kg

SAR 10g (W/Kg)	0.119671
SAR 1g (W/Kg)	0.330564



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11n20ANT8+9, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

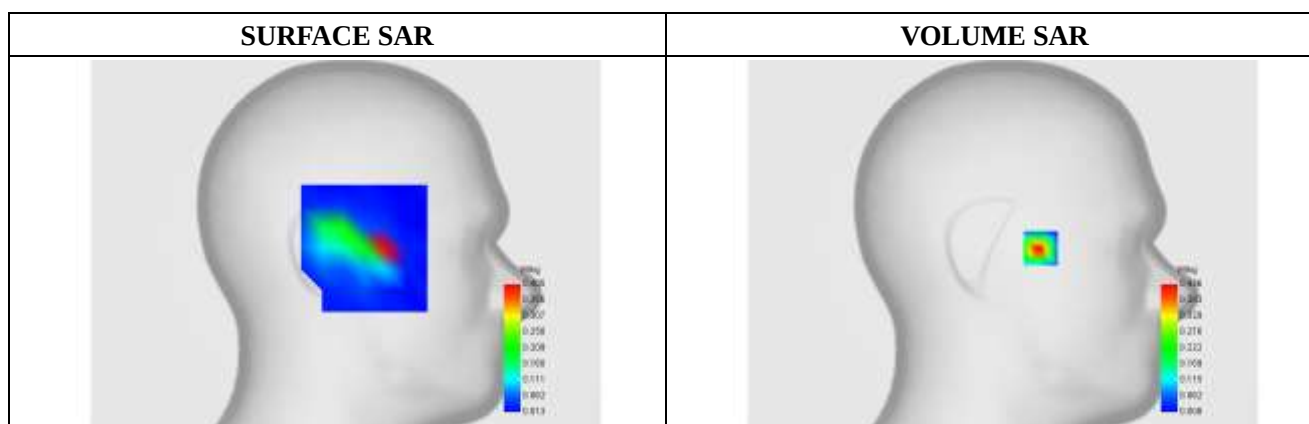
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-2.03

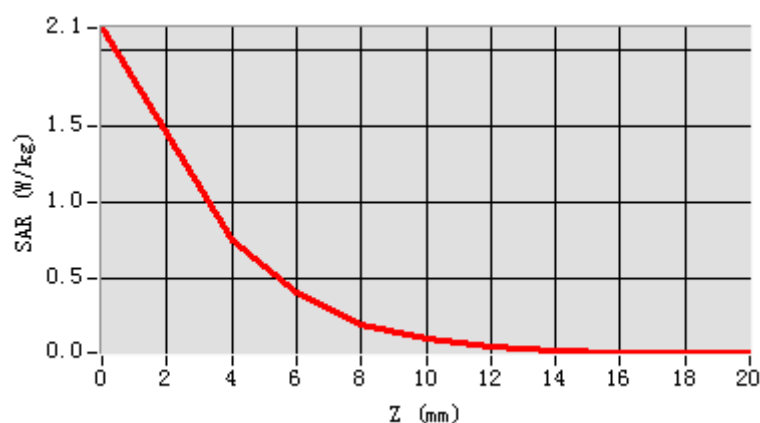
Maximum location: X=-32.00, Y=-3.00

SAR Peak: 2.02 W/kg

SAR 10g (W/Kg)	0.251408
SAR 1g (W/Kg)	0.620300



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11n20ANT8+9, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

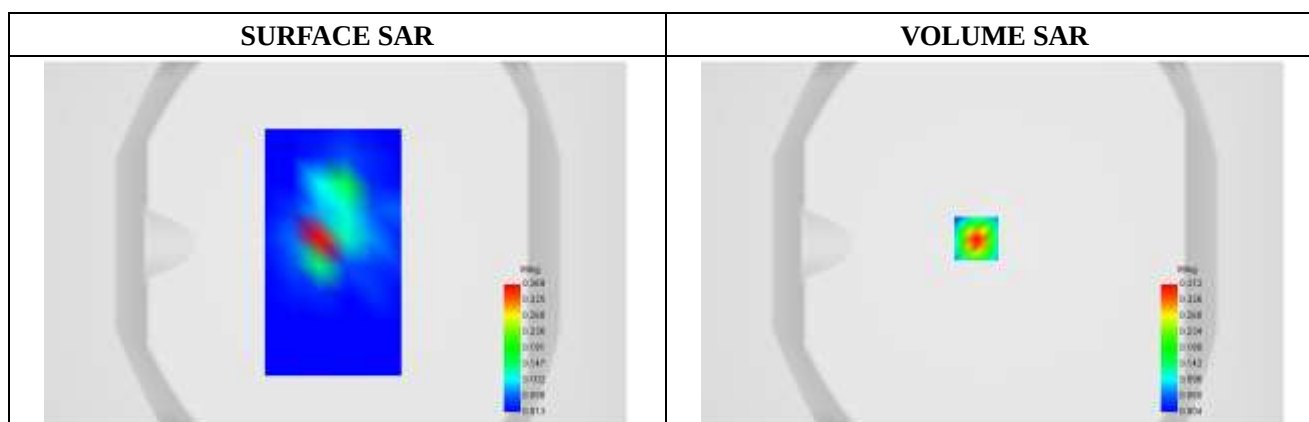
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-4.03

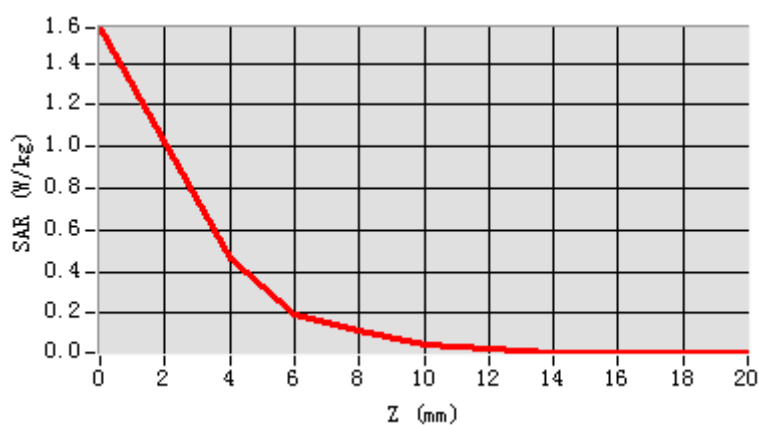
Maximum location: X=-10.00, Y=3.00

SAR Peak: 1.46 W/kg

SAR 10g (W/Kg)	0.197811
SAR 1g (W/Kg)	0.418657



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT8, Left Tilted, Low, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

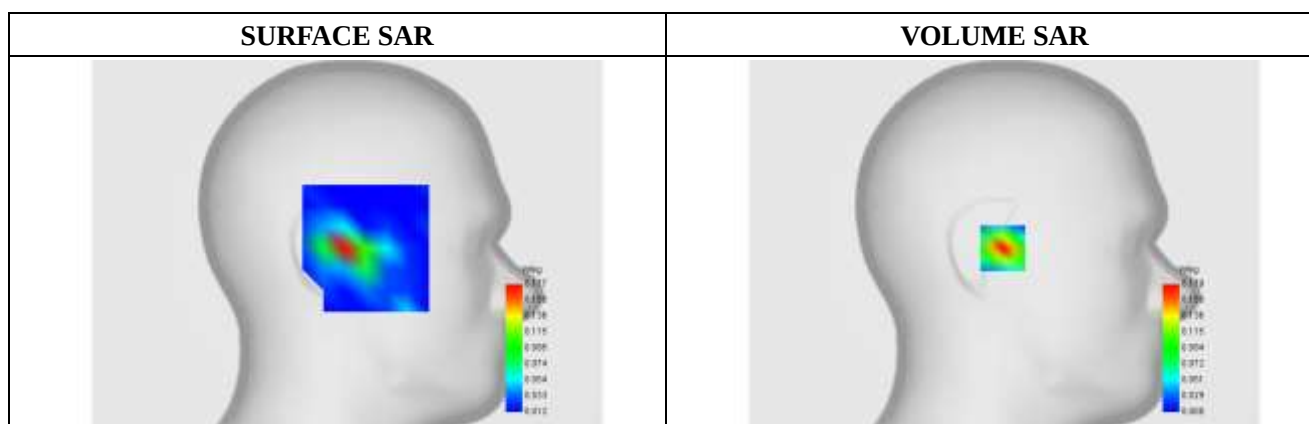
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	-3.81

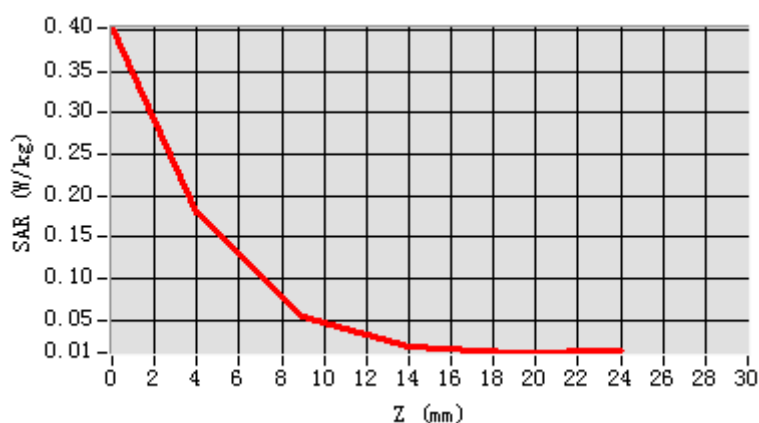
Maximum location: X=-5.00, Y=-3.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.070596
SAR 1g (W/Kg)	0.169804



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT8, Front, Low, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

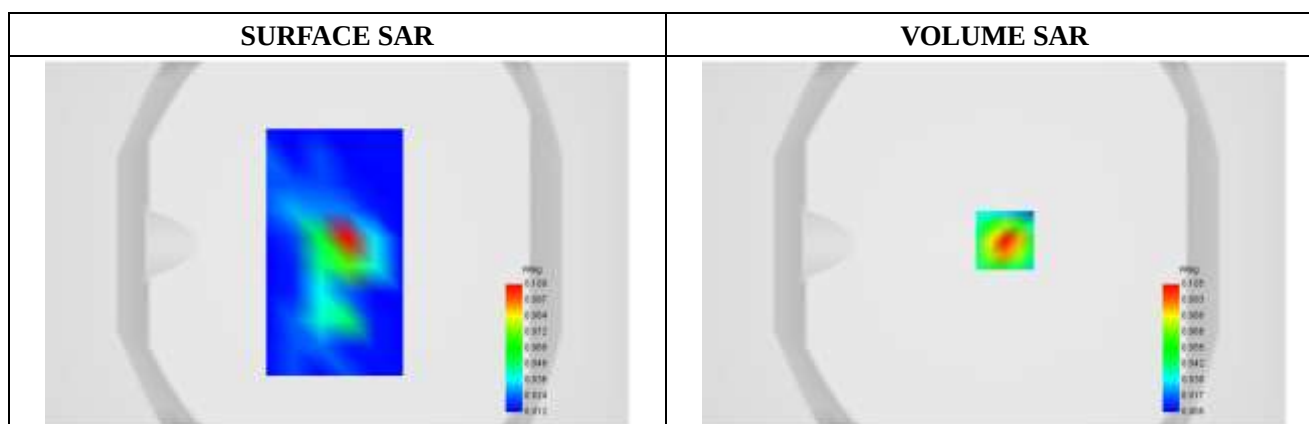
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	-1.61

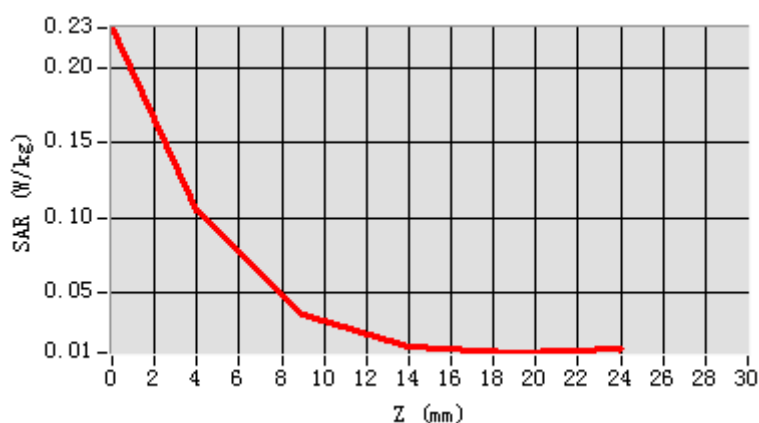
Maximum location: X=5.00, Y=2.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.044252
SAR 1g (W/Kg)	0.108211



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT9, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

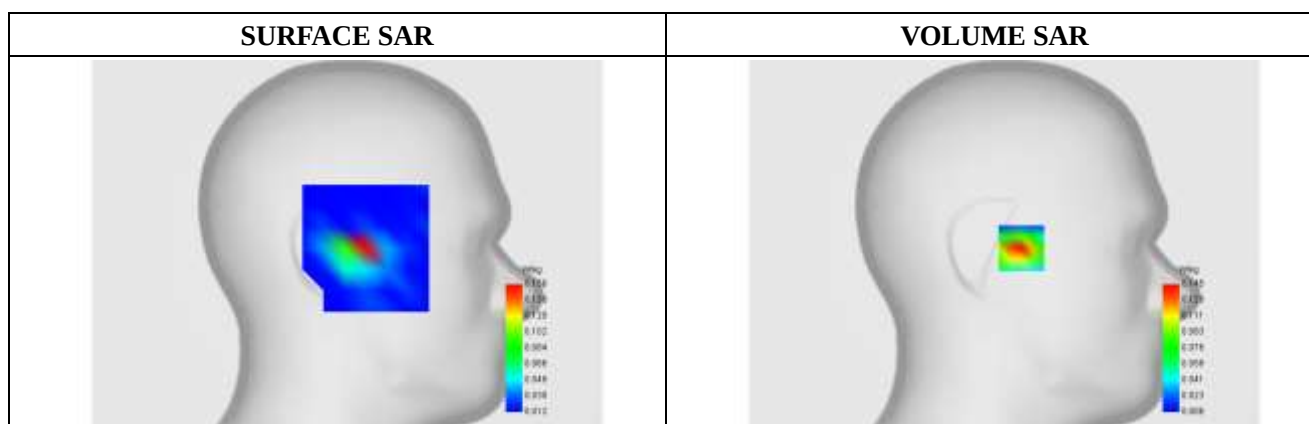
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	1.30

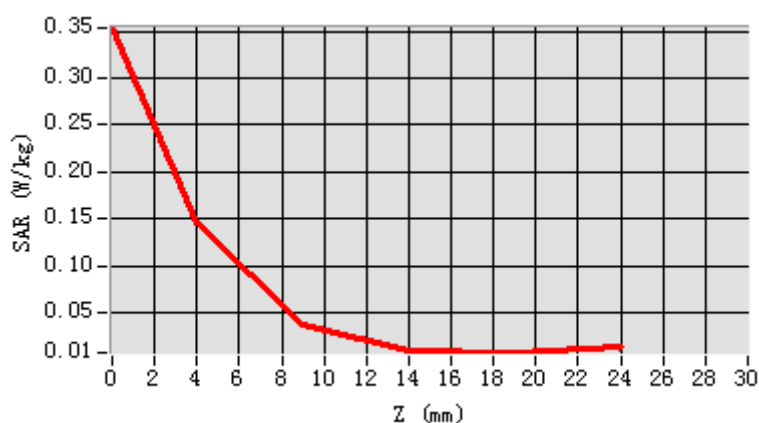
Maximum location: X=-18.00, Y=-3.00

SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.059932
SAR 1g (W/Kg)	0.142108



Z Axis Scan



Testing result (WI-FI U-NII 1802.11aANT9, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

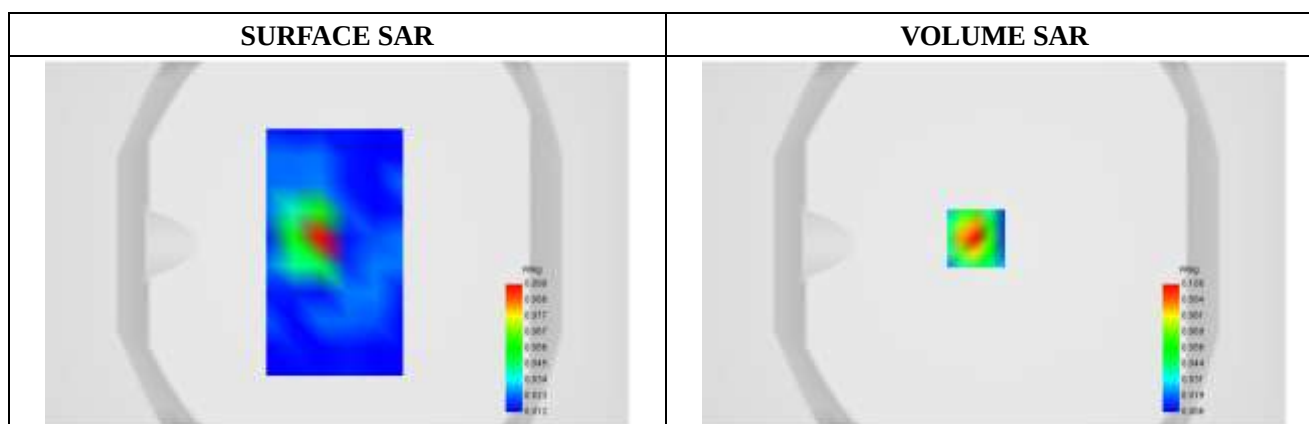
B. SAR Measurement Results

Frequency (MHz)	5180
Relative permittivity (real part)	35.85
Conductivity (S/m)	4.70
Variation (%)	-1.41

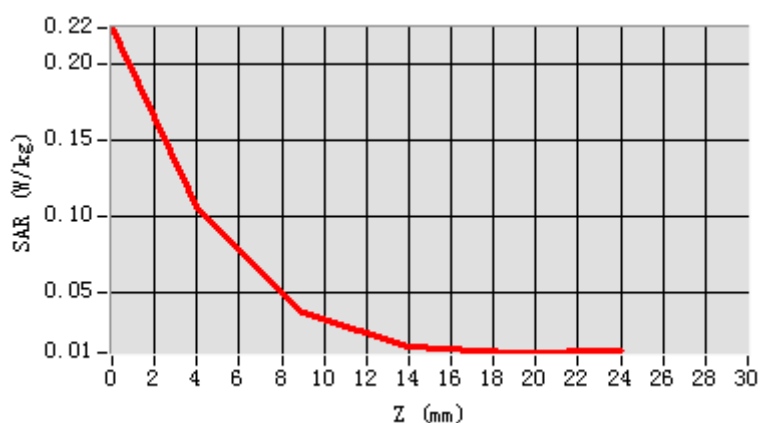
Maximum location: X=-11.00, Y=3.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.044824
SAR 1g (W/Kg)	0.101855



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11n20ANT8+9, Right Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Right Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	High
Signal	OFDM(Crest factor: 1.0)

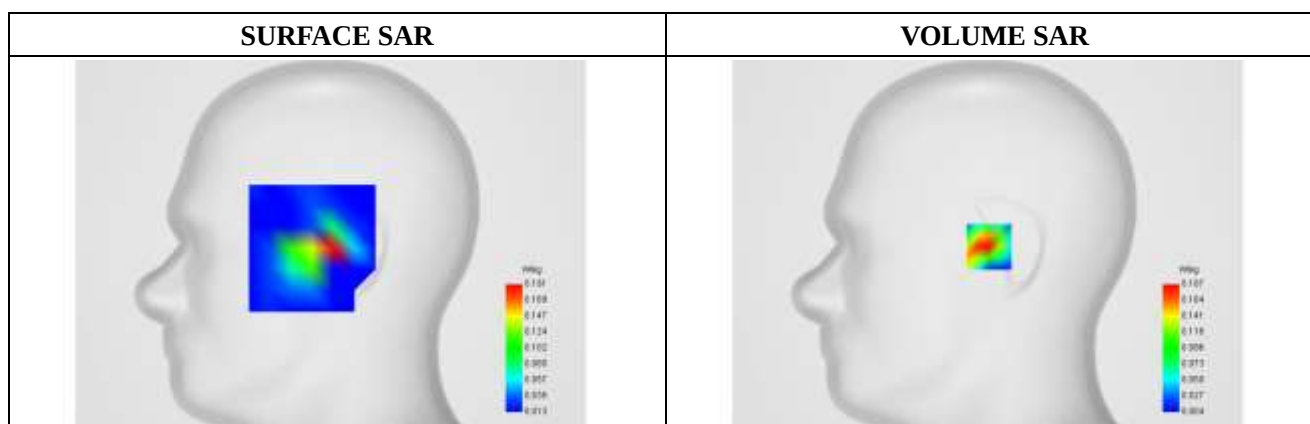
B. SAR Measurement Results

Frequency (MHz)	5240
Relative permittivity (real part)	35.70
Conductivity (S/m)	4.73
Variation (%)	-1.18

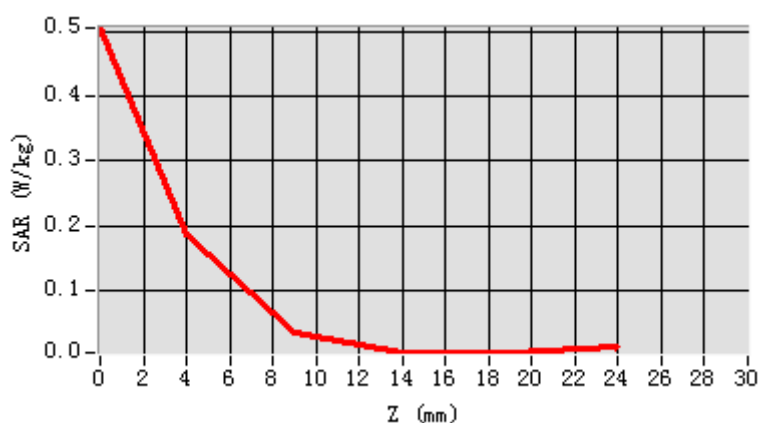
Maximum location: X=-5.00, Y=-2.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.074811
SAR 1g (W/Kg)	0.192866



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11n20ANT8+9, Back, High, 10mm)

Type: phone measurement

Date of measurement: 06/20/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	High
Signal	OFDM(Crest factor: 1.0)

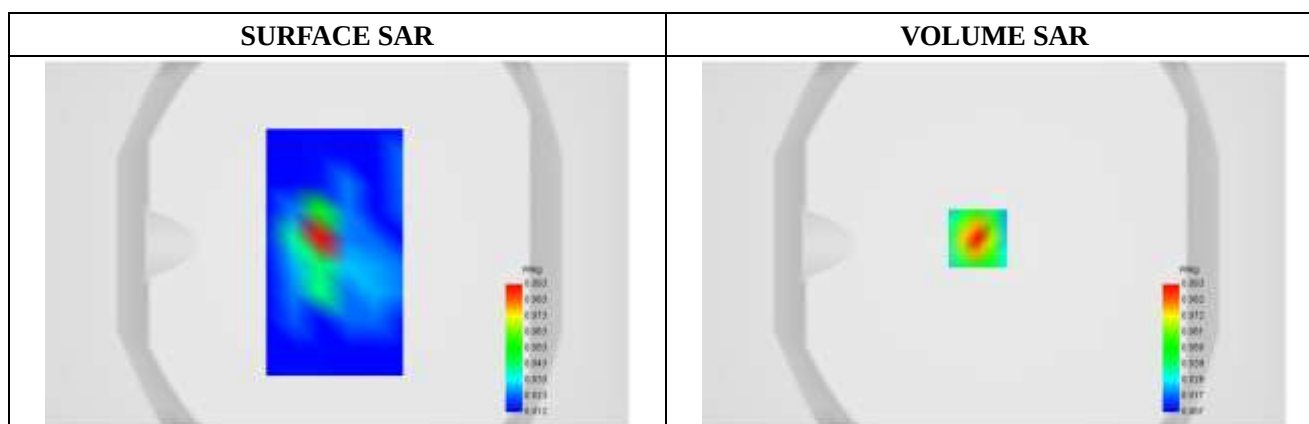
B. SAR Measurement Results

Frequency (MHz)	5240
Relative permittivity (real part)	35.70
Conductivity (S/m)	4.73
Variation (%)	-0.35

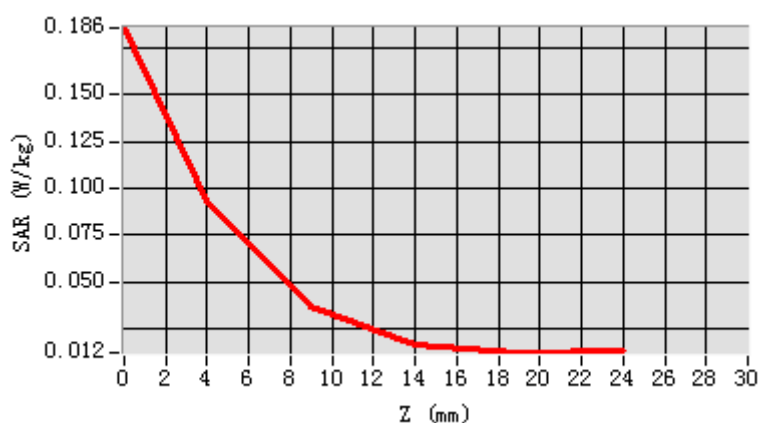
Maximum location: X=-10.00, Y=3.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.041442
SAR 1g (W/Kg)	0.087934



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT8, Left Tilted, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

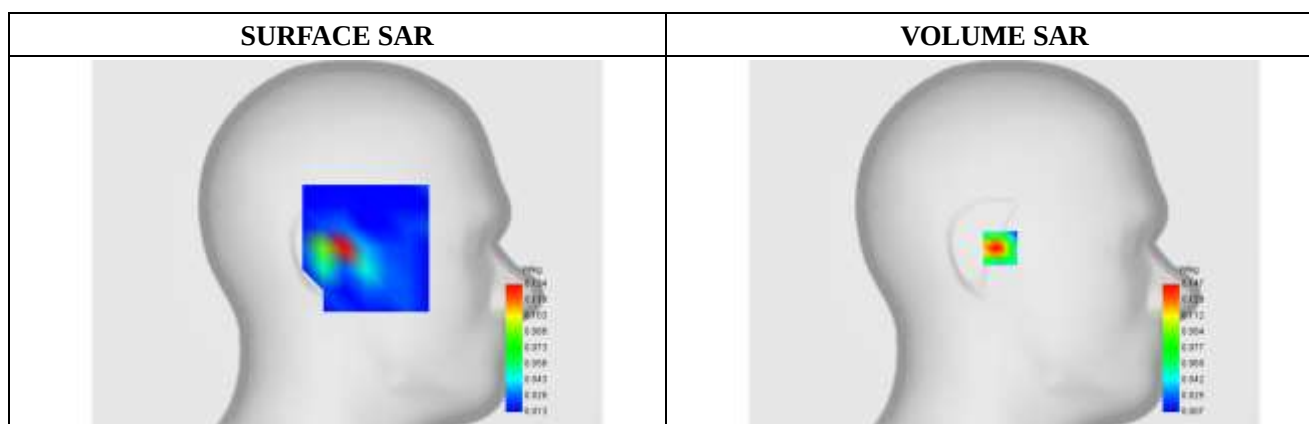
B. SAR Measurement Results

Frequency (MHz)	5300
Relative permittivity (real part)	35.02
Conductivity (S/m)	4.74
Variation (%)	-0.82

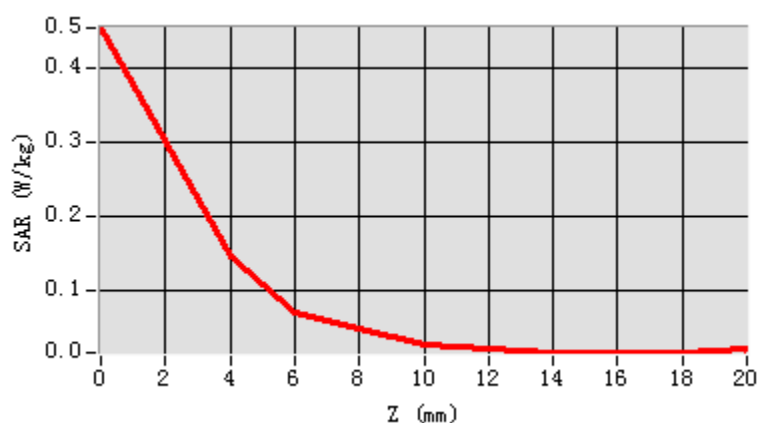
Maximum location: X=-3.00, Y=-3.00

SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.056755
SAR 1g (W/Kg)	0.141151



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT8, Edge B, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

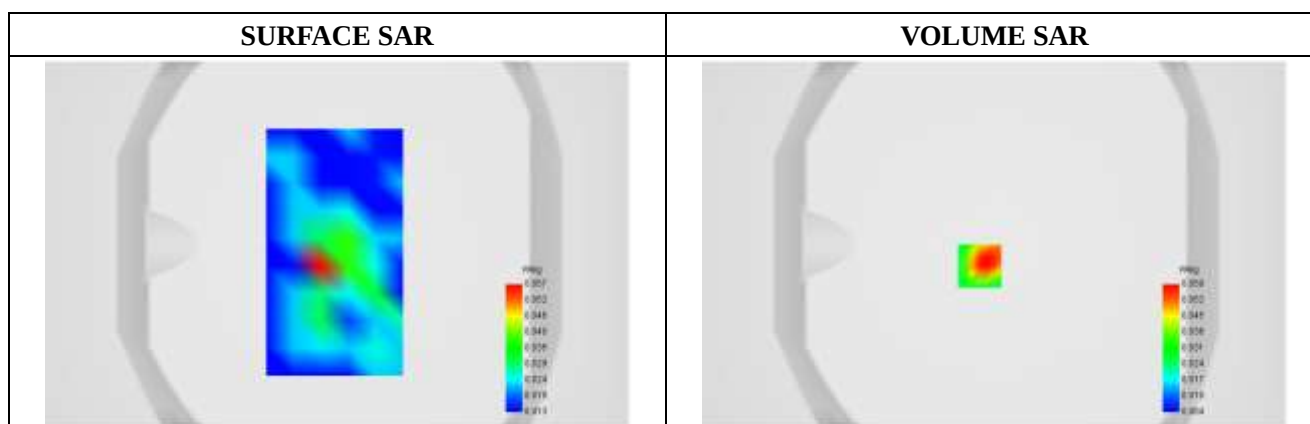
B. SAR Measurement Results

Frequency (MHz)	5300
Relative permittivity (real part)	35.02
Conductivity (S/m)	4.74
Variation (%)	-2.17

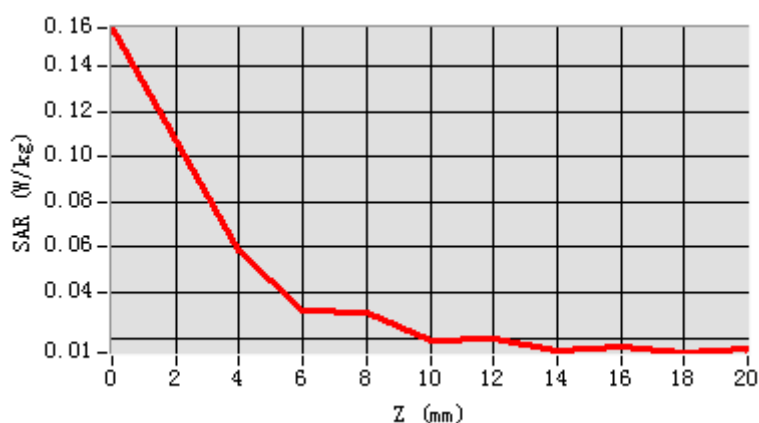
Maximum location: X=-9.00, Y=-12.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.030359
SAR 1g (W/Kg)	0.075089



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT9, Left Cheek, High, 0mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

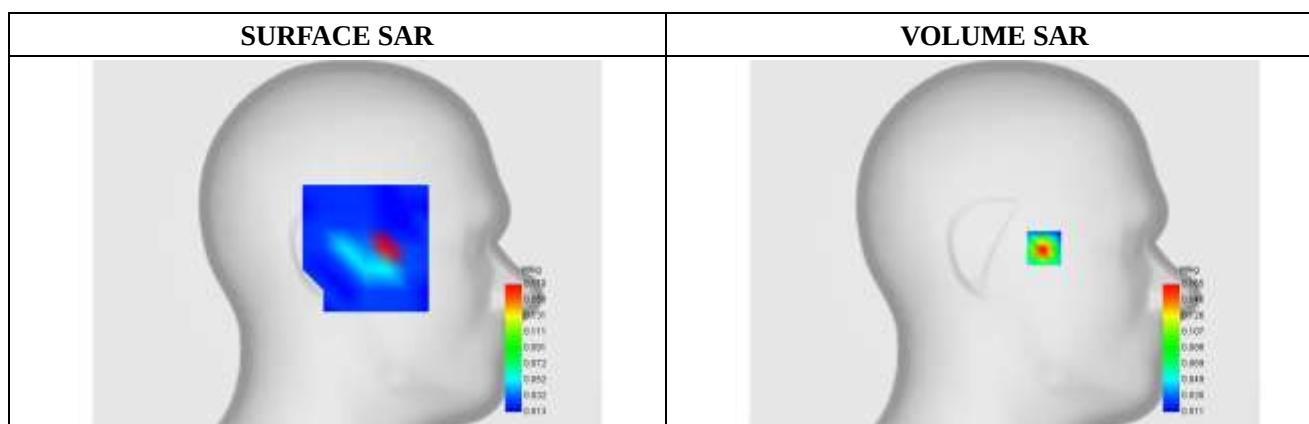
B. SAR Measurement Results

Frequency (MHz)	5320
Relative permittivity (real part)	34.98
Conductivity (S/m)	4.77
Variation (%)	0.50

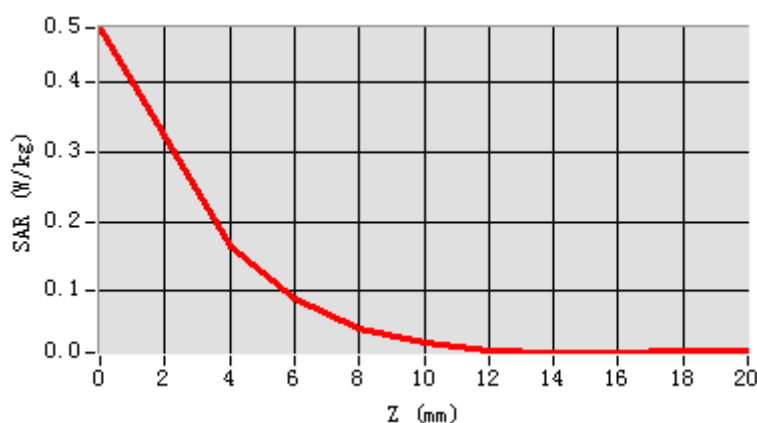
Maximum location: X=-34.00, Y=-3.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.056442
SAR 1g (W/Kg)	0.157383



Z Axis Scan



Testing result (WI-FI U-NII 2AaANT9, Back, High, 10mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

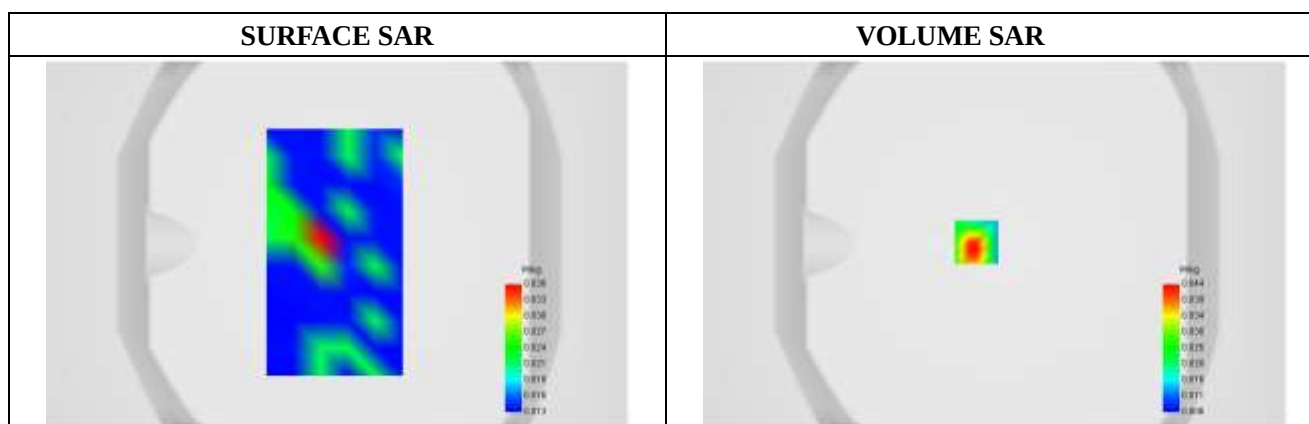
B. SAR Measurement Results

Frequency (MHz)	5320
Relative permittivity (real part)	34.98
Conductivity (S/m)	4.77
Variation (%)	-3.07

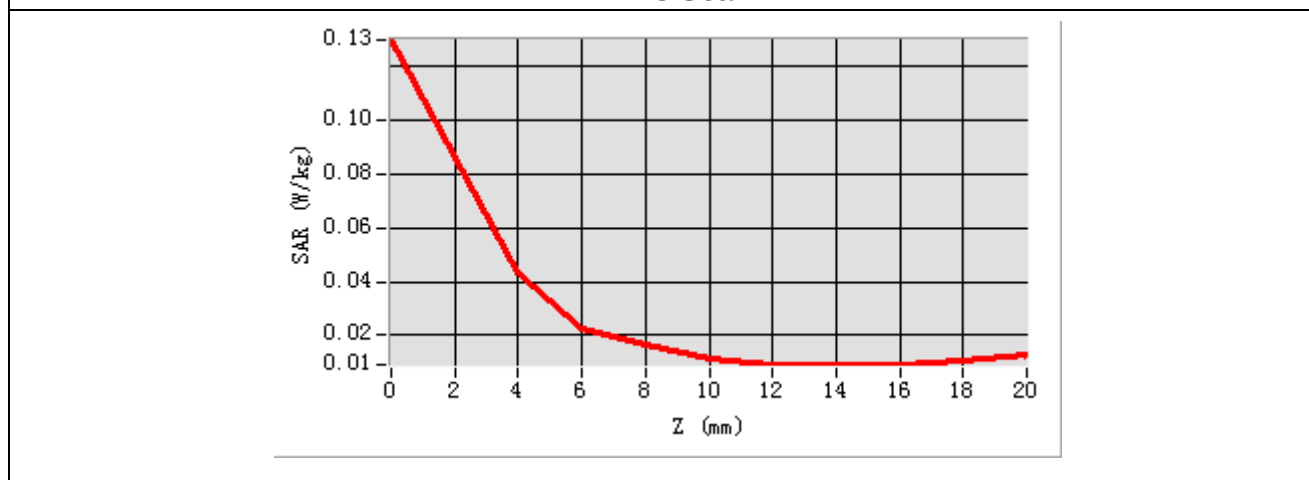
Maximum location: X=-11.00, Y=1.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.025726
SAR 1g (W/Kg)	0.062896



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11n20ANT7+9, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

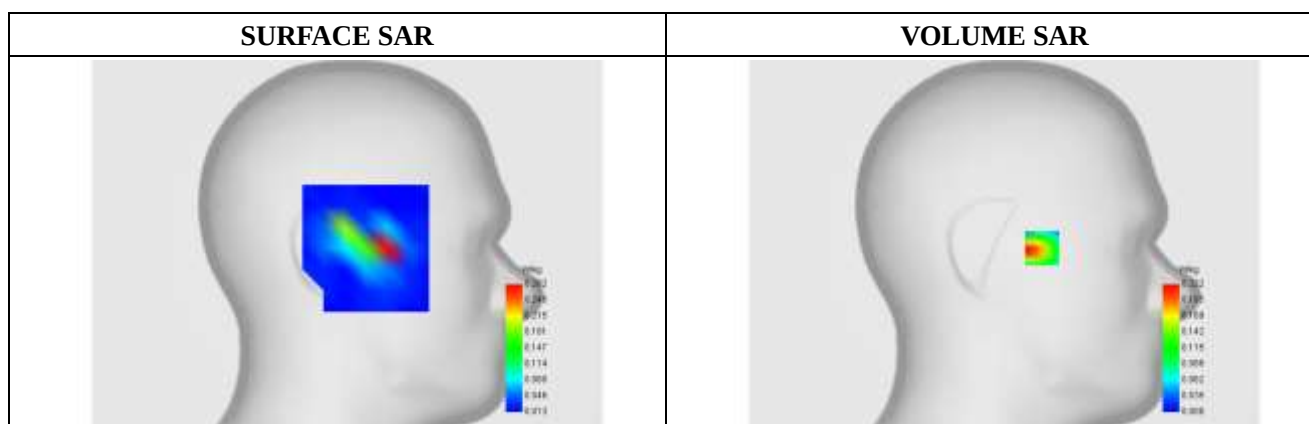
B. SAR Measurement Results

Frequency (MHz)	5260
Relative permittivity (real part)	35.09
Conductivity (S/m)	4.69
Variation (%)	-0.74

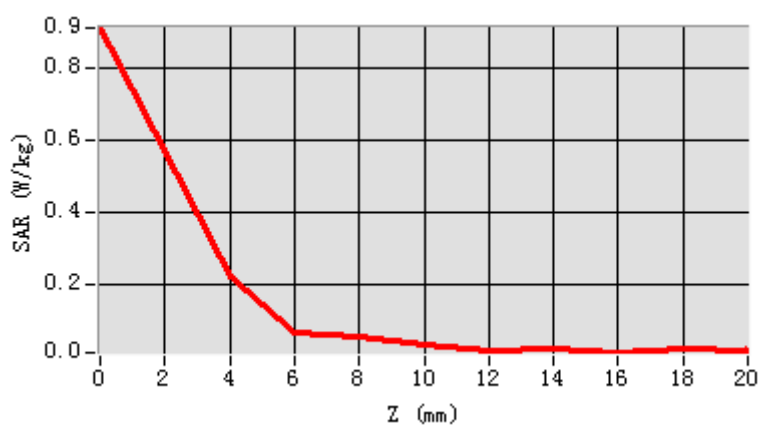
Maximum location: X=-33.00, Y=-3.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.084132
SAR 1g (W/Kg)	0.223913



Z Axis Scan



Testing result (WI-FI U-NII 2A 802.11n20ANT7+9, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/21/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

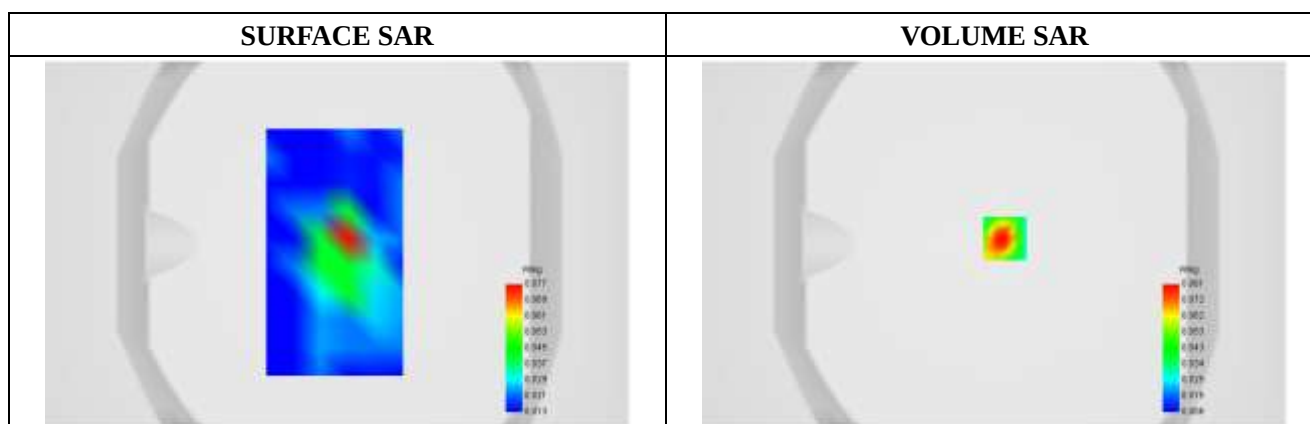
B. SAR Measurement Results

Frequency (MHz)	5260
Relative permittivity (real part)	35.09
Conductivity (S/m)	4.69
Variation (%)	0.80

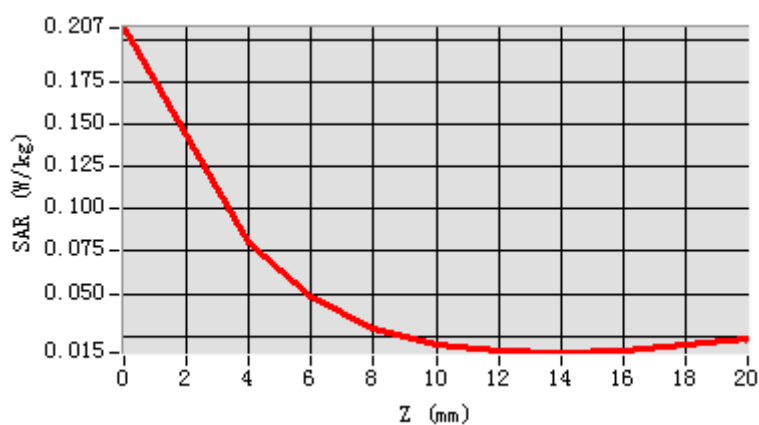
Maximum location: X=5.00, Y=3.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.037772
SAR 1g (W/Kg)	0.086453



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT8, Left Tilted, High, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

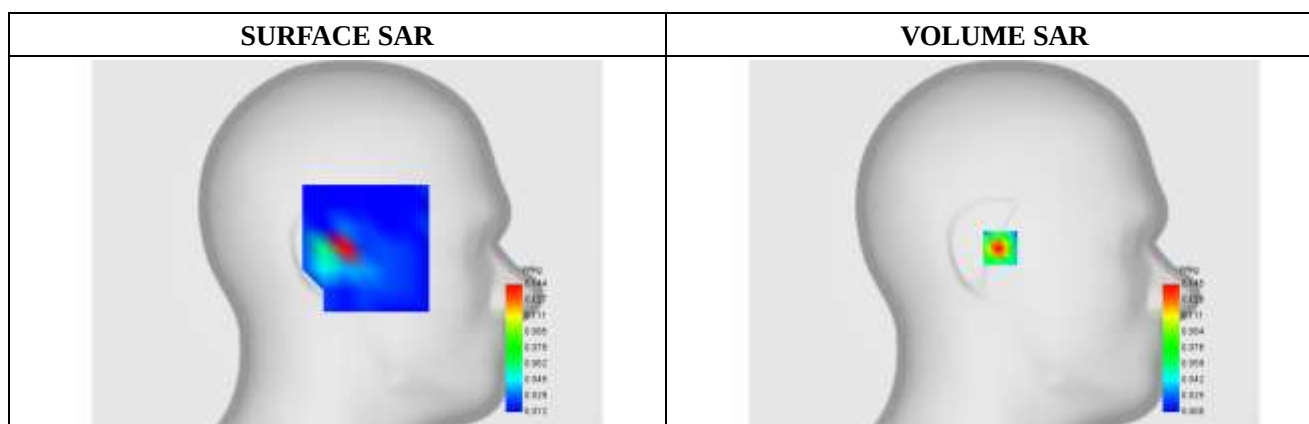
B. SAR Measurement Results

Frequency (MHz)	5700
Relative permittivity (real part)	34.07
Conductivity (S/m)	5.21
Variation (%)	0.80

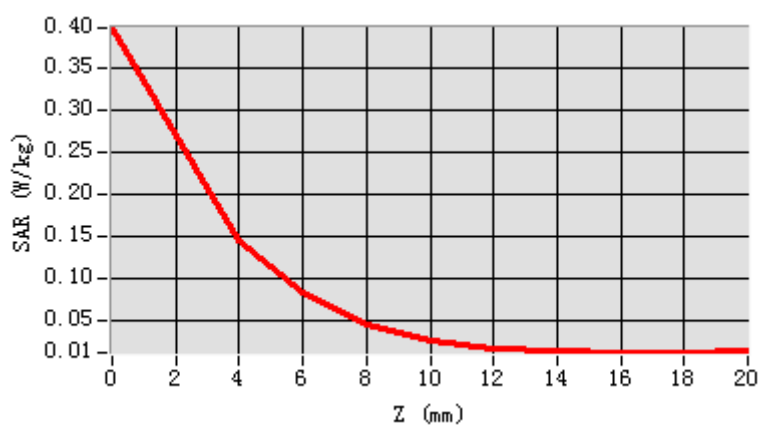
Maximum location: X=-3.00, Y=-3.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.050219
SAR 1g (W/Kg)	0.148741



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT8, Edge A, High, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	High
Signal	OFDM(Crest factor: 1.0)

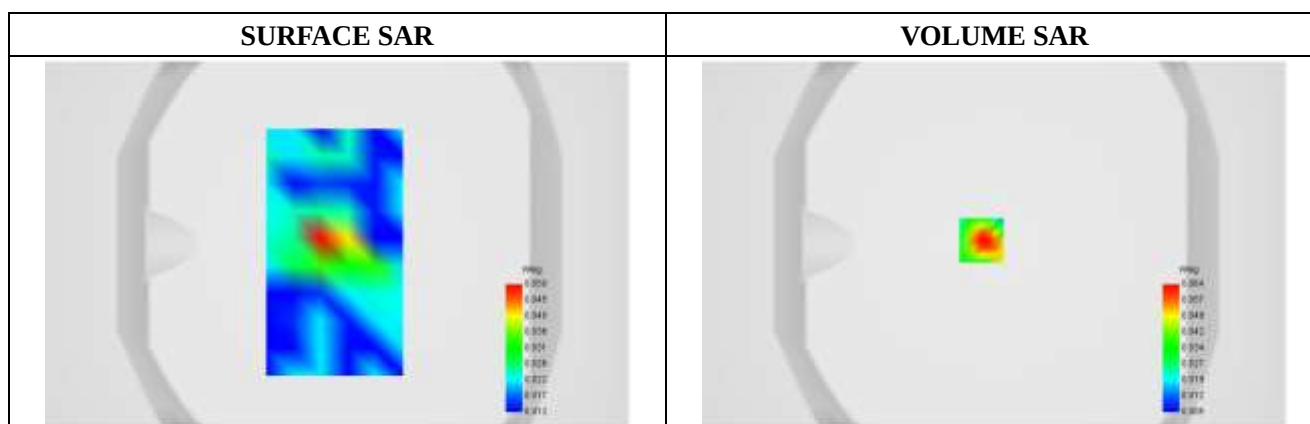
B. SAR Measurement Results

Frequency (MHz)	5700
Relative permittivity (real part)	34.07
Conductivity (S/m)	5.21
Variation (%)	-1.69

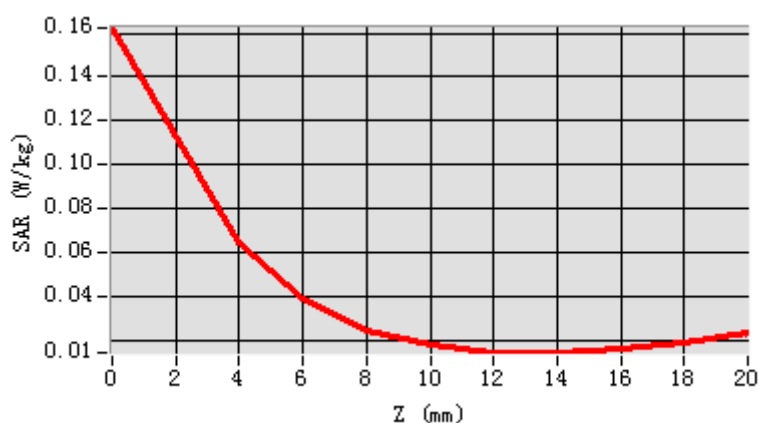
Maximum location: X=-8.00, Y=2.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.032038
SAR 1g (W/Kg)	0.075494



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

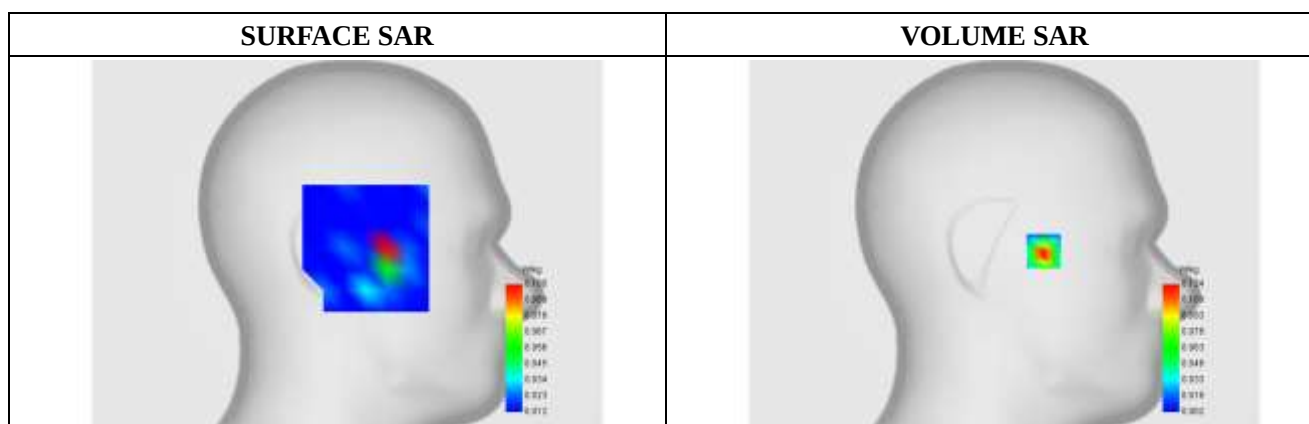
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.30
Conductivity (S/m)	5.06
Variation (%)	-0.60

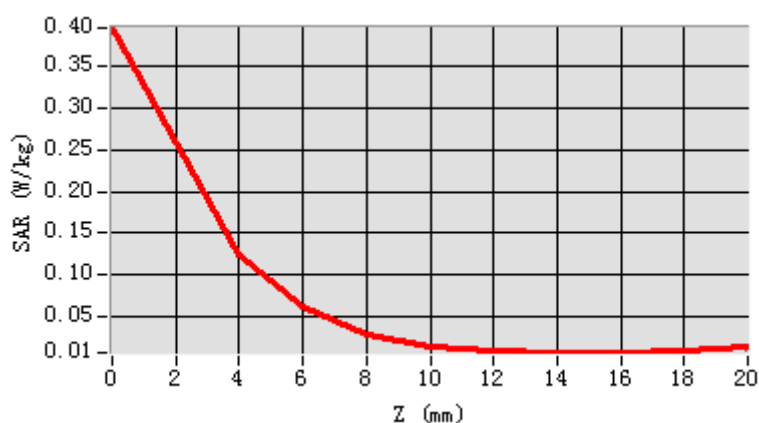
Maximum location: X=-34.00, Y=-5.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.041496
SAR 1g (W/Kg)	0.121980



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11aANT9, Edge B, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

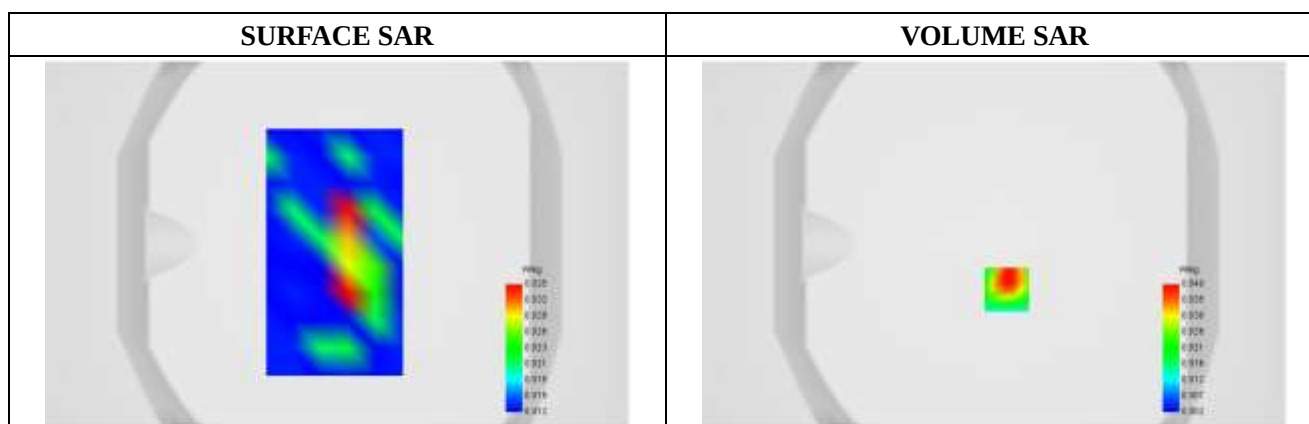
B. SAR Measurement Results

Frequency (MHz)	5600
Relative permittivity (real part)	34.30
Conductivity (S/m)	5.06
Variation (%)	-0.56

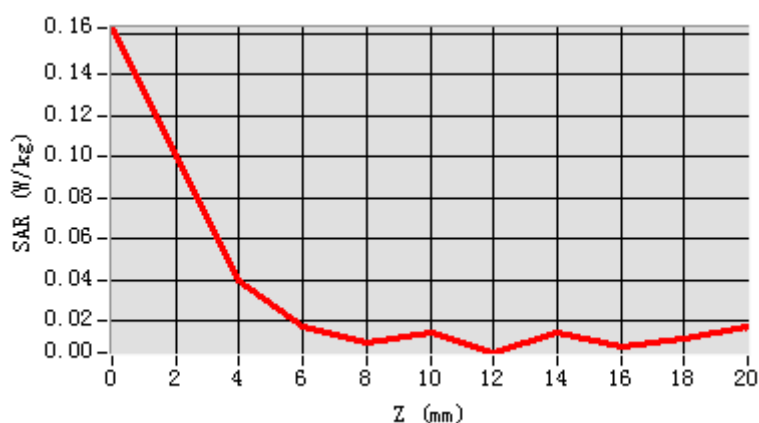
Maximum location: X=6.00, Y=-25.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.021767
SAR 1g (W/Kg)	0.049469



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11n20ANT8+9, Left Cheek, Low, 0mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

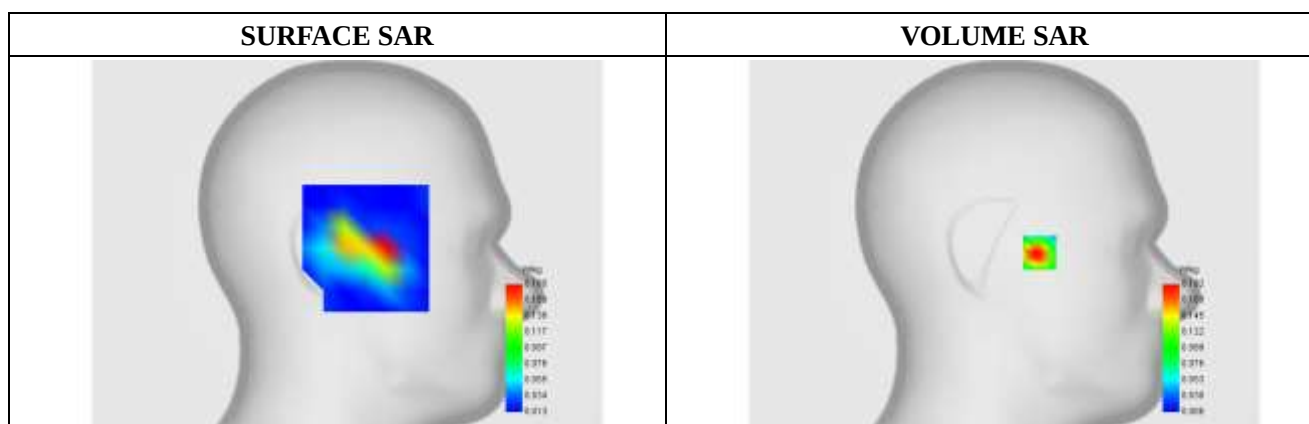
B. SAR Measurement Results

Frequency (MHz)	5500
Relative permittivity (real part)	34.68
Conductivity (S/m)	4.81
Variation (%)	-4.10

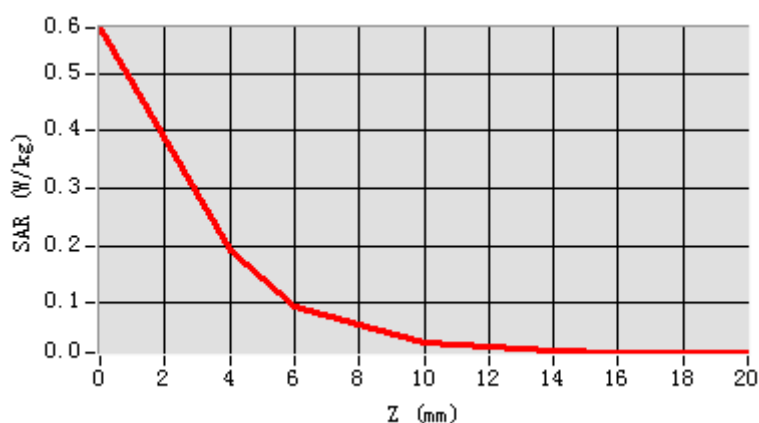
Maximum location: =-31.00, Y=-6.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.077298
SAR 1g (W/Kg)	0.215597



Z Axis Scan



Testing result (WI-FI U-NII 2C 802.11n20ANT8+9, Back, Low, 10mm)

Type: phone measurement

Date of measurement: 06/22/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Low
Signal	OFDM(Crest factor: 1.0)

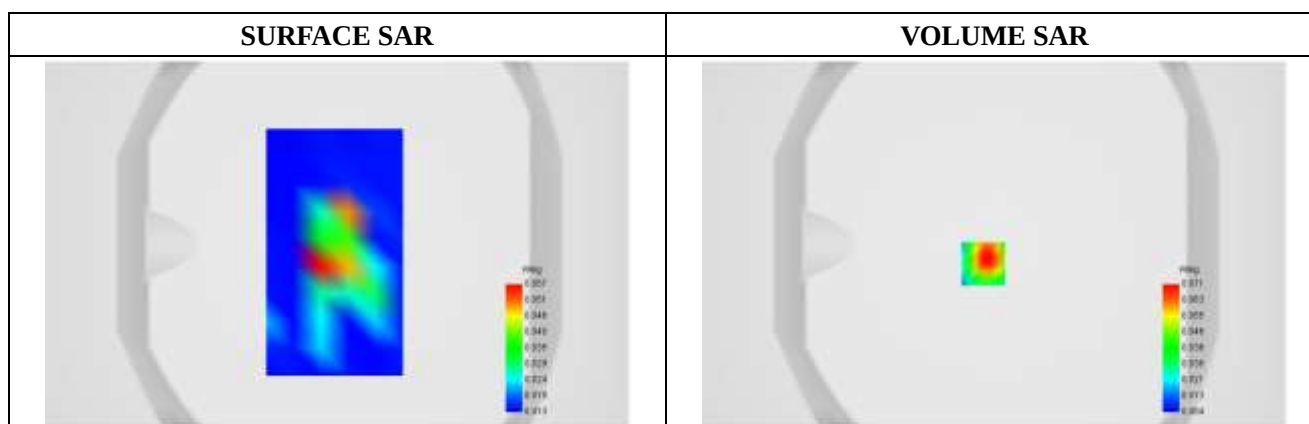
B. SAR Measurement Results

Frequency (MHz)	5500
Relative permittivity (real part)	34.68
Conductivity (S/m)	4.81
Variation (%)	0.56

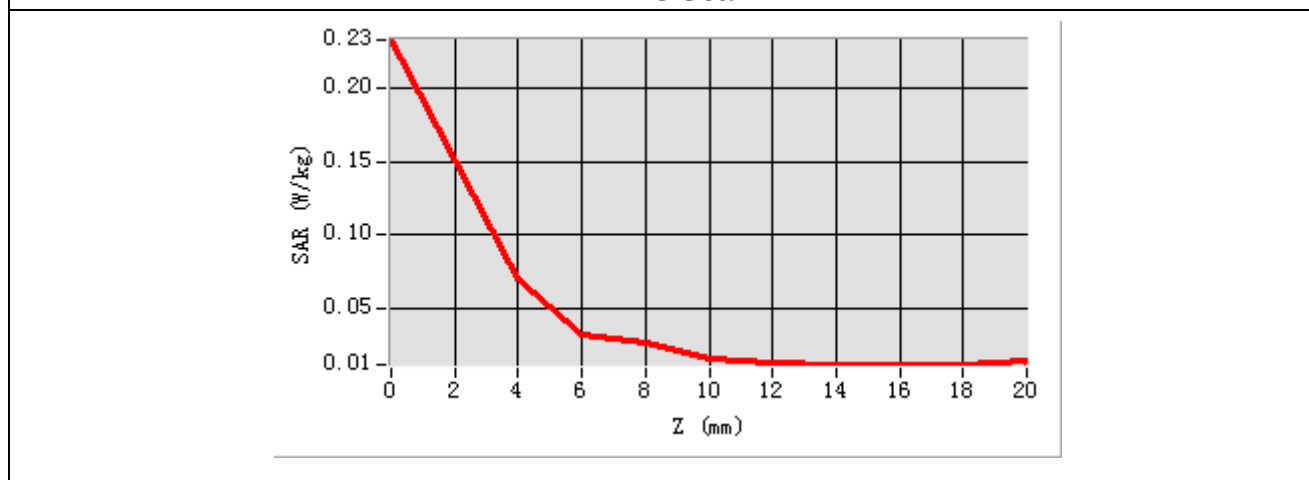
Maximum location: X=-7.00, Y=-11.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.032670
SAR 1g (W/Kg)	0.080944



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT8, Left Tilted, Low, 0mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left Head
Device Position	Tilted
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

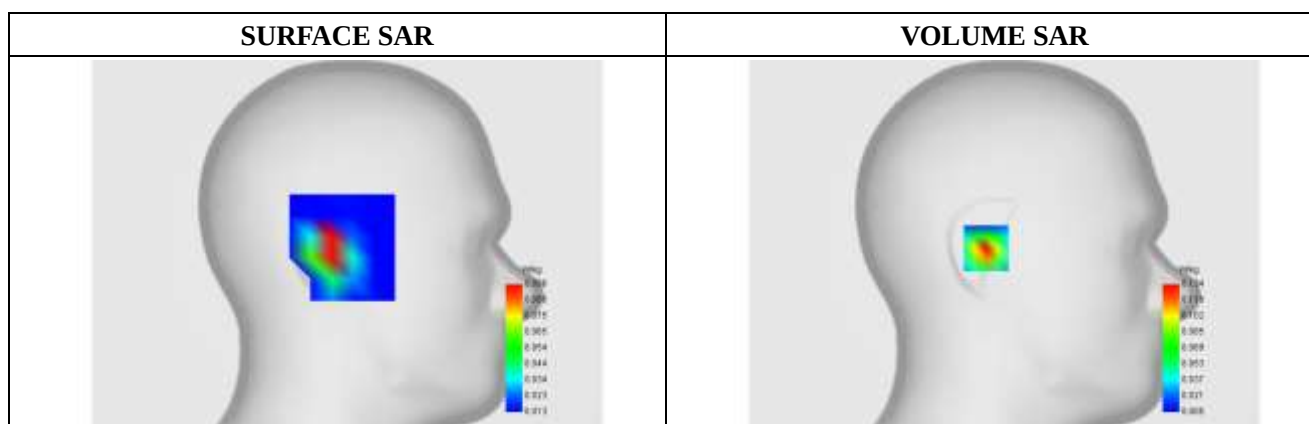
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	-3.81

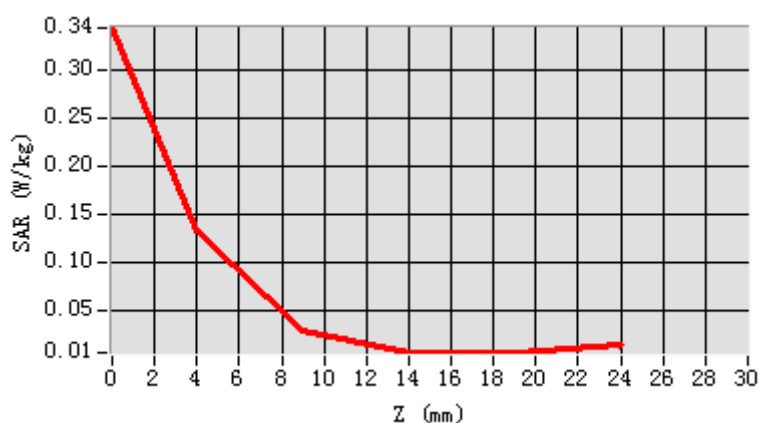
Maximum location: X=7.00, Y=-3.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.053744
SAR 1g (W/Kg)	0.159403



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT8, Edge A, Low, 10mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=15mm dy=15mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

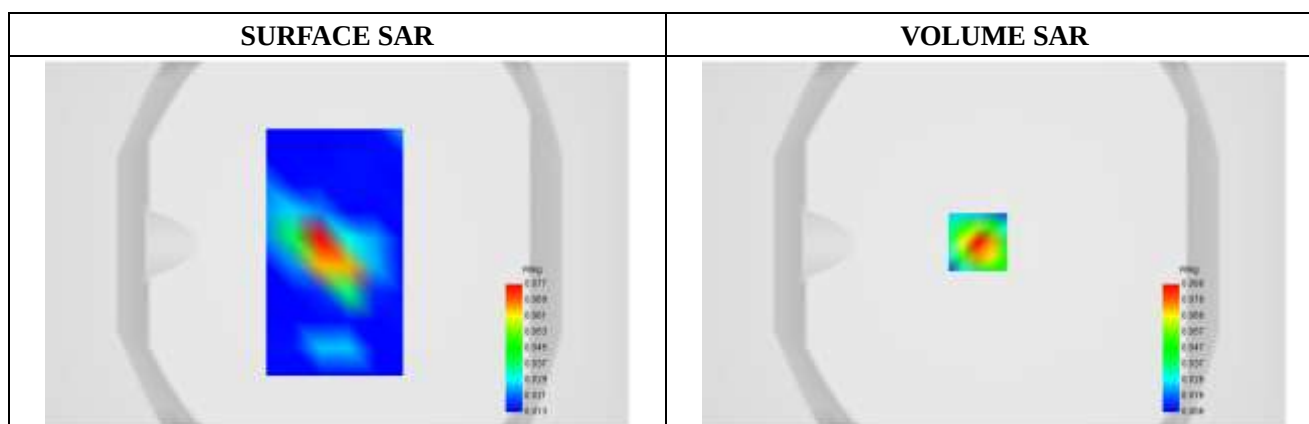
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	0.49

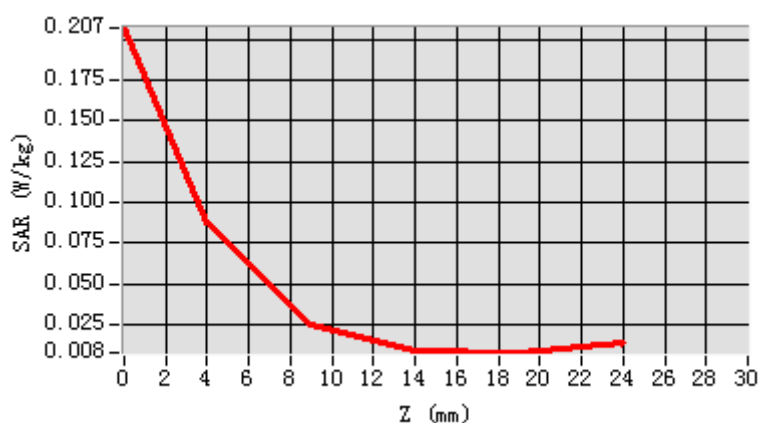
Maximum location: X=-10.00, Y=1.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.038382
SAR 1g (W/Kg)	0.095697



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	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)

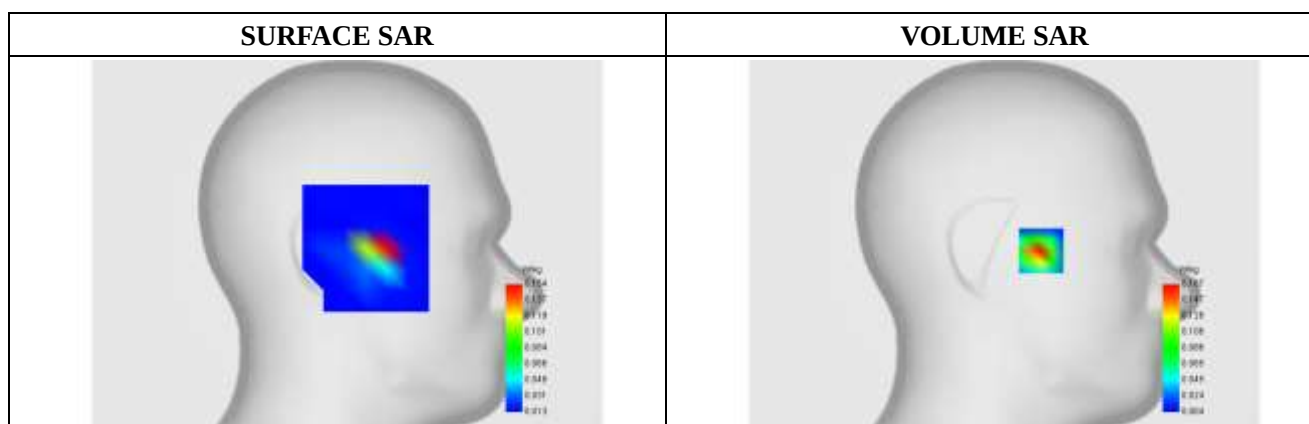
B. SAR Measurement Results

Frequency (MHz)	5785
Relative permittivity (real part)	34.51
Conductivity (S/m)	5.40
Variation (%)	0.88

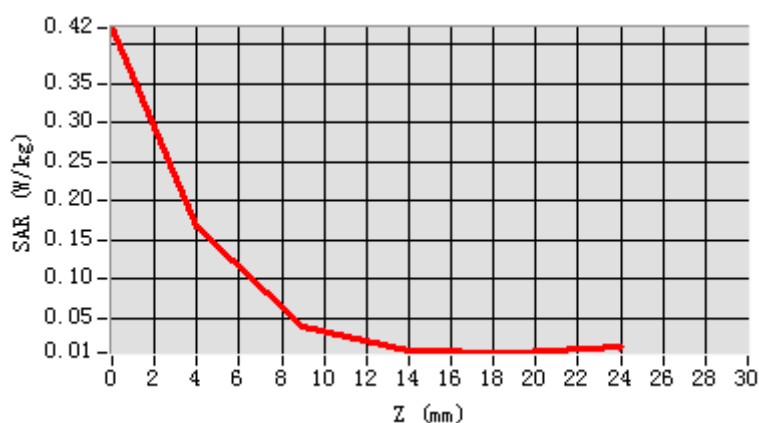
Maximum location: X=-32.00, Y=-27.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.061186
SAR 1g (W/Kg)	0.163676



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11aANT9, Edge B, Low, 10mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11a
Channels	Low
Signal	OFDM(Crest factor: 1.0)

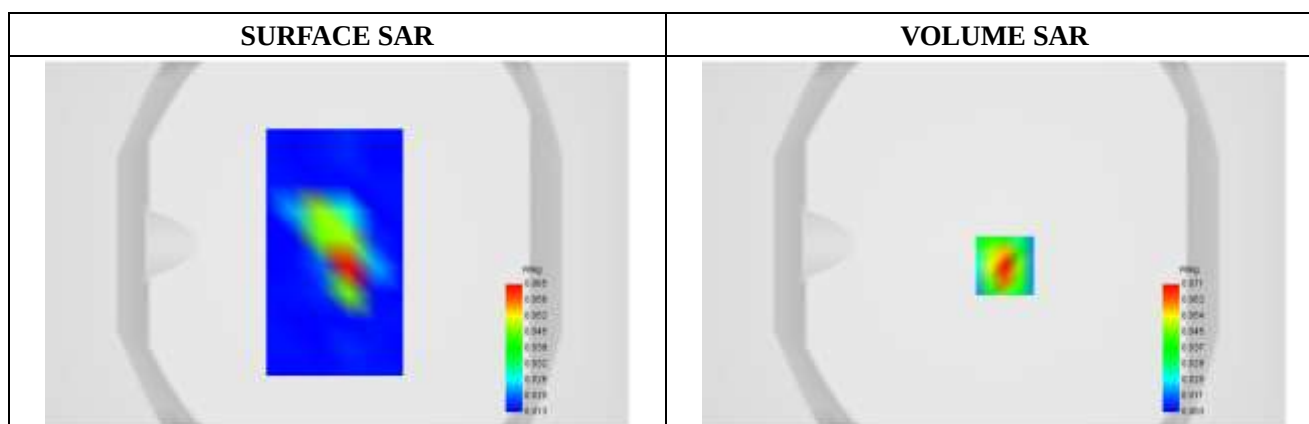
B. SAR Measurement Results

Frequency (MHz)	5745
Relative permittivity (real part)	34.60
Conductivity (S/m)	5.49
Variation (%)	0.99

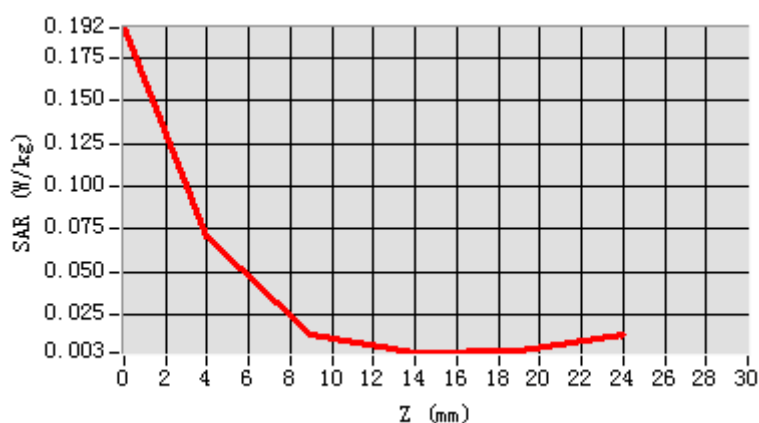
Maximum location: X=5.00, Y=-12.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.030403
SAR 1g (W/Kg)	0.079411



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11n20ANT8+9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPGO330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WI-FI 802.11n20
Channels	High
Signal	OFDM(Crest factor: 1.0)

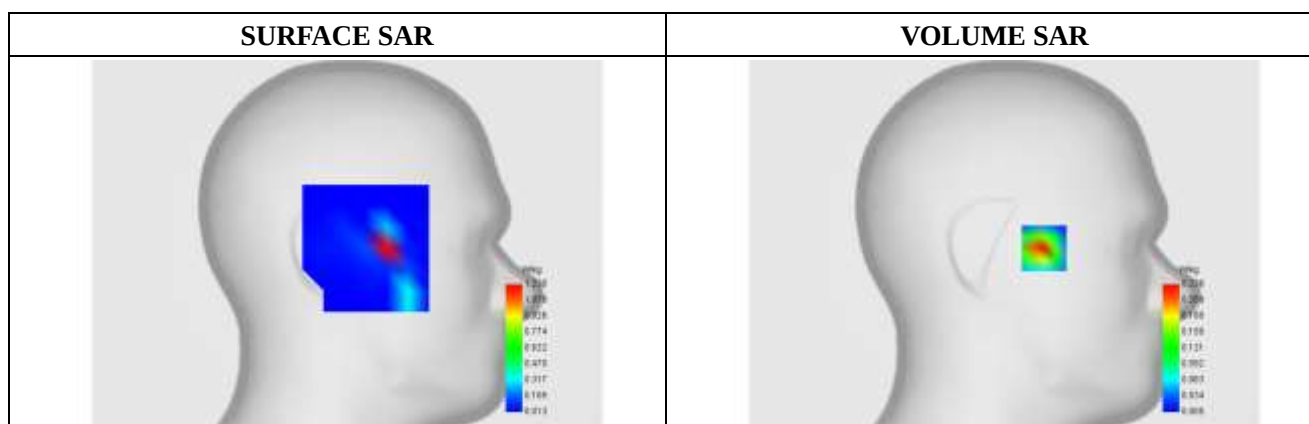
B. SAR Measurement Results

Frequency (MHz)	5785
Relative permittivity (real part)	34.48
Conductivity (S/m)	5.15
Variation (%)	-4.54

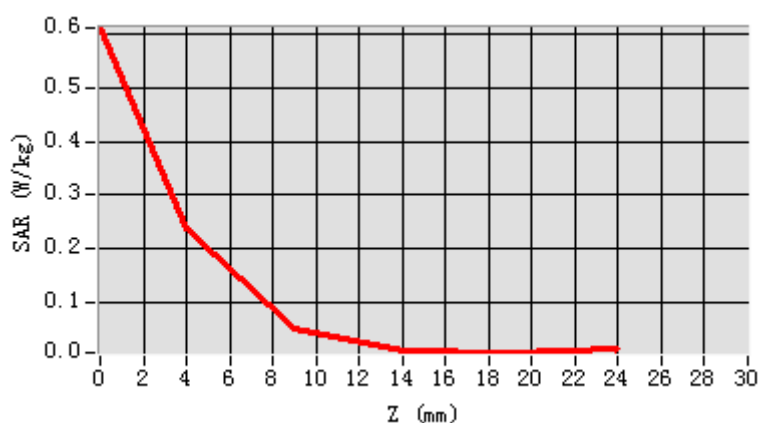
Maximum location: X=-34.00, Y=-3.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.088318
SAR 1g (W/Kg)	0.234636



Z Axis Scan



Testing result (WI-FI U-NII 3 802.11n20ANT8+9, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/19/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=10mm dy=10mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	WI-FI 802.11n20
Channels	Middle
Signal	OFDM(Crest factor: 1.0)

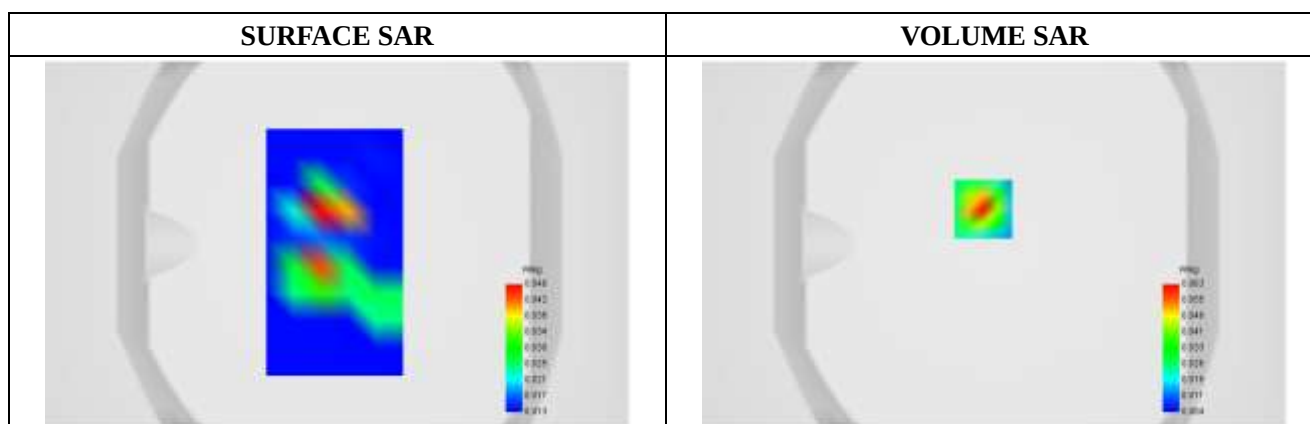
B. SAR Measurement Results

Frequency (MHz)	5785
Relative permittivity (real part)	34.48
Conductivity (S/m)	5.15
Variation (%)	-3.27

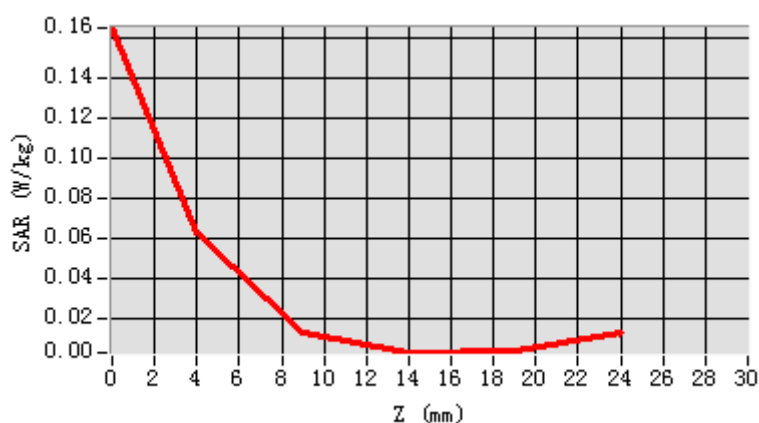
Maximum location: X=-7.00, Y=19.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.027049
SAR 1g (W/Kg)	0.069361



Z Axis Scan



Testing result (BluetoothANT9, Left Cheek, Middle, 0mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left Head
Device Position	Cheek
Band	Bluetooth
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

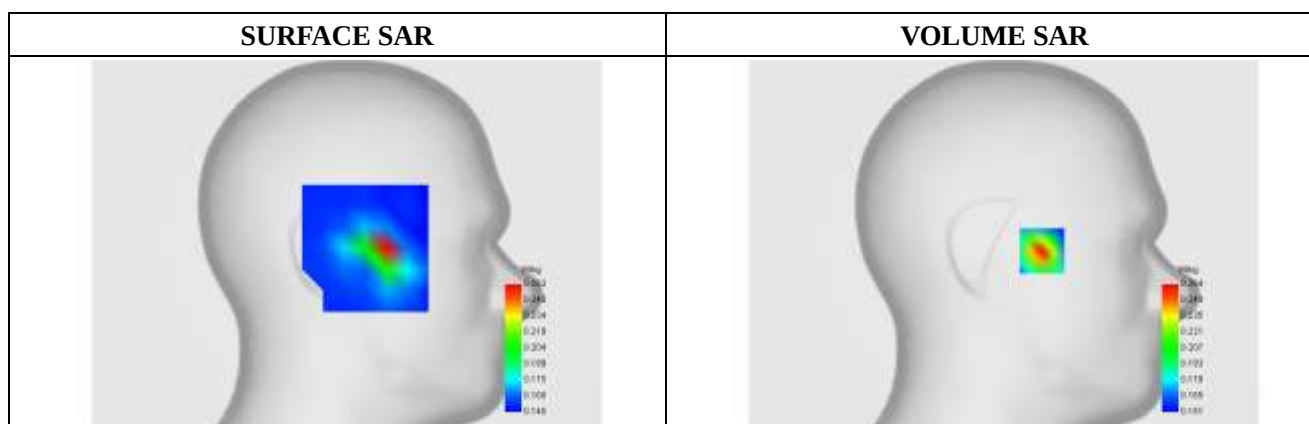
B. SAR Measurement Results

Frequency (MHz)	2441
Relative permittivity (real part)	39.57
Conductivity (S/m)	1.79
Variation (%)	-2.71

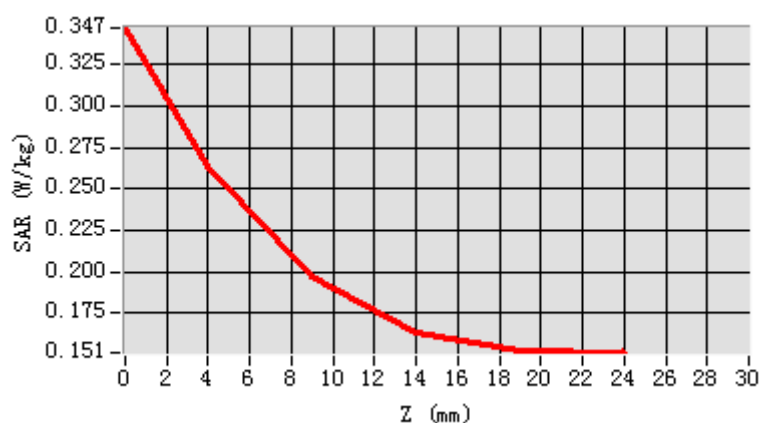
Maximum location: X=-33.00, Y=-35.00

SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.072950
SAR 1g (W/Kg)	0.125109



Z Axis Scan



Testing result (BluetoothANT9, Edge B, Middle, 10mm)

Type: phone measurement

Date of measurement: 06/02/2022

A. Experimental conditions.

E-Field Probe	SATIMO SN 41/18 EPG0330
Area Scan	dx=12mm dy=12mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	Middle
Signal	GFSK(Crest factor: 1.0)

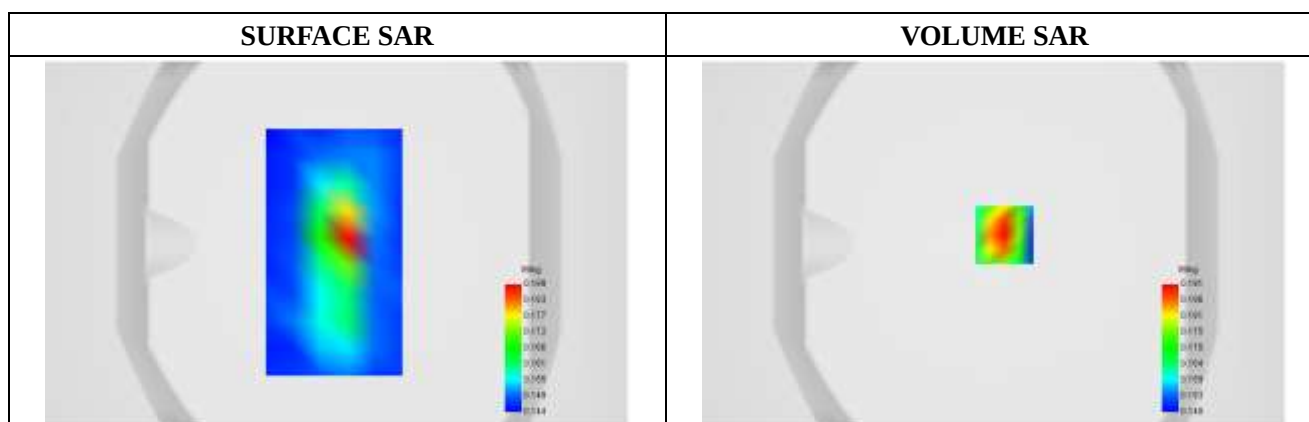
B. SAR Measurement Results

Frequency (MHz)	2441
Relative permittivity (real part)	39.57
Conductivity (S/m)	1.79
Variation (%)	-1.82

Maximum location: X=5.00, Y=5.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.039762
SAR 1g (W/Kg)	0.108297



Z Axis Scan

