

Repeated										
50%RB										
Front Side	132322/1745	20M QPSK(50,0)	0.167	0.099	-3.07	23.19	23.50	0.179	2024/8/28	
Back Side	132322/1745	20M QPSK(50,0)	0.436	0.239	3.23	23.19	23.50	0.468	2024/8/28	
Left Side	132322/1745	20M QPSK(50,0)	0.162	0.094	0.24	23.19	23.50	0.174	2024/8/28	
Right Side	132322/1745	20M QPSK(50,0)	0.061	0.044	1.4	23.19	23.50	0.066	2024/8/28	
Bottom Side	132322/1745	20M QPSK(50,0)	0.024	0.013	-1.44	23.19	23.50	0.026	2024/8/28	

NOTE: Hotspot SAR test results of LTE Band 66

10.1.17. SAR measurement Result of WLAN2.4G

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	6/2437	802.11b	0.268	0.131	0.60	15.64	16.00	0.291	2024/9/16	19#
Left Tilt 15 Degree	6/2437	802.11b	0.159	0.075	-1.67	15.64	16.00	0.173	2024/9/16	
Right Cheek	6/2437	802.11b	0.251	0.118	-0.92	15.64	16.00	0.273	2024/9/16	
Right Tilt 15 Degree	6/2437	802.11b	0.116	0.055	1.88	15.64	16.00	0.126	2024/9/16	

NOTE: Head SAR test results of WLAN2.4G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.054	0.031	-1.48	15.64	16.00	0.059	2024/9/16	
Back Side	6/2437	802.11b	0.077	0.044	2.63	15.64	16.00	0.084	2024/9/16	20#

NOTE: Body-worn SAR test results of WLAN2.4G

Test Position of Hotspot with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.054	0.031	-1.48	15.64	16.00	0.059	2024/9/16	
Back Side	6/2437	802.11b	0.077	0.044	2.63	15.64	16.00	0.084	2024/9/16	20#
Right Side	6/2437	802.11b	0.030	0.017	-0.57	15.64	16.00	0.033	2024/9/16	
Top Side	6/2437	802.11b	0.036	0.021	-0.76	15.64	16.00	0.039	2024/9/16	

NOTE: Hotspot SAR test results of WLAN2.4G

10.1.18. SAR measurement Result of WLAN5.2G

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	36/5180	802.11a	0.296	0.119	-2.28	10.58	11.00	0.326	2024/9/03	11#
Left Tilt 15 Degree	36/5180	802.11a	0.149	0.059	2.53	10.58	11.00	0.164	2024/9/03	
Right Cheek	36/5180	802.11a	0.279	0.109	1.70	10.58	11.00	0.307	2024/9/03	
Right Tilt 15 Degree	36/5180	802.11a	0.142	0.055	-2.59	10.58	11.00	0.156	2024/9/03	

NOTE: Head SAR test results of WLAN5.2G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	36/5180	802.11a	0.174	0.073	2.26	10.58	11.00	0.192	2024/9/03	
Back Side	36/5180	802.11a	0.249	0.107	3.48	10.58	11.00	0.274	2024/9/03	15#

NOTE: Body-worn SAR test results of WLAN5.2G

Test Position of Hotspot with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	36/5180	802.11a	0.174	0.073	2.26	10.58	11.00	0.192	2024/9/03	
Back Side	36/5180	802.11a	0.249	0.107	3.48	10.58	11.00	0.274	2024/9/03	15#
Right Side	36/5180	802.11a	0.075	0.032	-0.98	10.58	11.00	0.083	2024/9/03	
Top Side	36/5180	802.11a	0.078	0.033	-3.18	10.58	11.00	0.086	2024/9/03	

NOTE: Hotspot SAR test results of WLAN5.2G

10.1.19. SAR measurement Result of WLAN5.3G

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	56/5280	802.11a	0.398	0.145	1.79	10.58	11.00	0.438	2024/9/04	12#
Left Tilt 15 Degree	56/5280	802.11a	0.229	0.083	3.38	10.58	11.00	0.252	2024/9/04	
Right Cheek	56/5280	802.11a	0.365	0.129	1.23	10.58	11.00	0.402	2024/9/04	
Right Tilt 15 Degree	56/5280	802.11a	0.189	0.066	3.76	10.58	11.00	0.208	2024/9/04	

NOTE: Head SAR test results of WLAN5.3G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	56/5280	802.11a	0.186	0.073	2.61	10.58	11.00	0.205	2024/9/04	
Back Side	56/5280	802.11a	0.293	0.121	2.85	10.58	11.00	0.323	2024/9/04	16#

NOTE: Body-worn SAR test results of WLAN5.3 G

Test Position of Hotspot with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	56/5280	802.11a	0.186	0.073	2.61	10.58	11.00	0.205	2024/9/04	
Back Side	56/5280	802.11a	0.293	0.121	2.85	10.58	11.00	0.323	2024/9/04	16#
Right Side	56/5280	802.11a	0.093	0.038	-3.26	10.58	11.00	0.102	2024/9/04	
Top Side	56/5280	802.11a	0.096	0.038	0.68	10.58	11.00	0.106	2024/9/04	

NOTE: Hotspot SAR test results of WLAN5.3G

10.1.20. SAR measurement Result of WLAN5.6G

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	100/5500	802.11ac (VHT20)	0.232	0.095	-0.68	11.20	11.50	0.249	2024/9/05	13#
Left Tilt 15 Degree	100/5500	802.11ac (VHT20)	0.130	0.052	-2.77	11.20	11.50	0.139	2024/9/05	
Right Cheek	100/5500	802.11ac (VHT20)	0.205	0.083	-0.28	11.20	11.50	0.220	2024/9/05	
Right Tilt 15 Degree	100/5500	802.11ac (VHT20)	0.103	0.040	-0.03	11.20	11.50	0.110	2024/9/05	

NOTE: Head SAR test results of WLAN5.6G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	100/5500	802.11ac (VHT20)	0.108	0.051	1.33	11.20	11.50	0.116	2024/9/05	
Back Side	100/5500	802.11ac	0.155	0.075	-4.66	11.20	11.50	0.166	2024/9/05	17#

Test Position of Body-Worn	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted	Tune-up	Scaled	Date	Plot
			1-g	10-g		Power (dBm)	Power (dBm)	SAR 1-g		

with 10mm								(W/Kg)		
Front Side	159/5795	802.11ac VHT40	0.084	0.047	0.04	11.24	11.50	0.089	2024/9/06	
Back Side	159/5795	802.11ac VHT40	0.091	0.051	0.46	11.24	11.50	0.097	2024/9/06	18#

NOTE: Body-worn SAR test results of WLAN5.8G

Test Position of Hotspot with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	159/5795	802.11ac VHT40	0.084	0.047	0.04	11.24	11.50	0.089	2024/9/06	
Back Side	159/5795	802.11ac VHT40	0.091	0.051	0.46	11.24	11.50	0.097	2024/9/06	18#
Right Side	159/5795	802.11ac VHT40	0.070	0.038	-0.14	11.24	11.50	0.074	2024/9/06	
Top Side	159/5795	802.11ac VHT40	0.060	0.032	0.19	11.24	11.50	0.064	2024/9/06	

NOTE: Hotspot SAR test results of WLAN5.8G

10.2. Simultaneous Transmission Analysis

Per KDB 447498 D01, simultaneous transmission SAR is compliant if,

- 1) Scalar SAR summation $< 1.6\text{W/kg}$.
- 2) $\text{SPLSR} = (\text{SAR}_1 + \text{SAR}_2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan. If $\text{SPLSR} \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DTS			
Head	Left Cheek	0.999	0.291	1.29	N/A	N/A
	Left Tilt 15 Degree	0.508	0.173	0.681	N/A	N/A
	Right Cheek	0.932	0.273	1.205	N/A	N/A
	Right Tilt 15 Degree	0.507	0.126	0.633	N/A	N/A
Body-Worn	Front Side	0.335	0.108	0.443	N/A	N/A
	Back Side	0.831	0.140	0.971	N/A	N/A
Hotspot	Front Side	0.335	0.108	0.443	N/A	N/A
	Back Side	0.831	0.140	0.971	N/A	N/A
	Left Side	0.301	N/A	0.301	N/A	N/A
	Right Side	0.120	0.033	0.153	N/A	N/A
	Top Side	N/A	0.039	0.039	N/A	N/A
	Bottom Side	0.437	N/A	0.437	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.999	0.438	1.437	N/A	N/A
	Left Tilt 15 Degree	0.508	0.252	0.76	N/A	N/A
	Right Cheek	0.932	0.402	1.334	N/A	N/A
	Right Tilt 15 Degree	0.507	0.208	0.715	N/A	N/A
Body-Worn	Front Side	0.335	0.205	0.54	N/A	N/A

	Back Side	0.831	0.323	1.154	N/A	N/A
Hotspot	Front Side	0.335	0.205	0.54	N/A	N/A
	Back Side	0.831	0.323	1.154	N/A	N/A
	Left Side	0.301	N/A	0.301	N/A	N/A
	Right Side	0.120	0.102	0.222	N/A	N/A
	Top Side	N/A	0.106	0.106	N/A	N/A
	Bottom Side	0.437	N/A	0.437	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.999	0.133	1.132	N/A	N/A
	Left Tilt 15 Degree	0.508	0.133	0.641	N/A	N/A
	Right Cheek	0.932	0.133	1.065	N/A	N/A
	Right Tilt 15 Degree	0.507	0.133	0.64	N/A	N/A
Body-Worn	Front Side	0.335	0.066	0.401	N/A	N/A
	Back Side	0.831	0.066	0.897	N/A	N/A
Hotspot	Front Side	0.335	0.066	0.401	N/A	N/A
	Back Side	0.831	0.066	0.897	N/A	N/A
	Left Side	0.301	0.066	0.367	N/A	N/A
	Right Side	0.120	0.066	0.186	N/A	N/A
	Top Side	N/A	0.066	0.066	N/A	N/A
	Bottom Side	0.437	0.066	0.503	N/A	N/A

11. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

12. Appendix B. System Check Plots

Table of contents
MEASUREMENT 1 System Performance Check - 750MHz
MEASUREMENT 2 System Performance Check - 835MHz
MEASUREMENT 3 System Performance Check - 1800MHz
MEASUREMENT 4 System Performance Check - 1900MHz
MEASUREMENT 5 System Performance Check - 2450MHz
MEASUREMENT 6 System Performance Check - 2600MHz
MEASUREMENT 7 System Performance Check - 5200MHz
MEASUREMENT 8 System Performance Check - 5400MHz
MEASUREMENT 9 System Performance Check - 5600MHz
MEASUREMENT 10 System Performance Check - 5800MHz

MEASUREMENT 1

Date of measurement: 9/9/2024

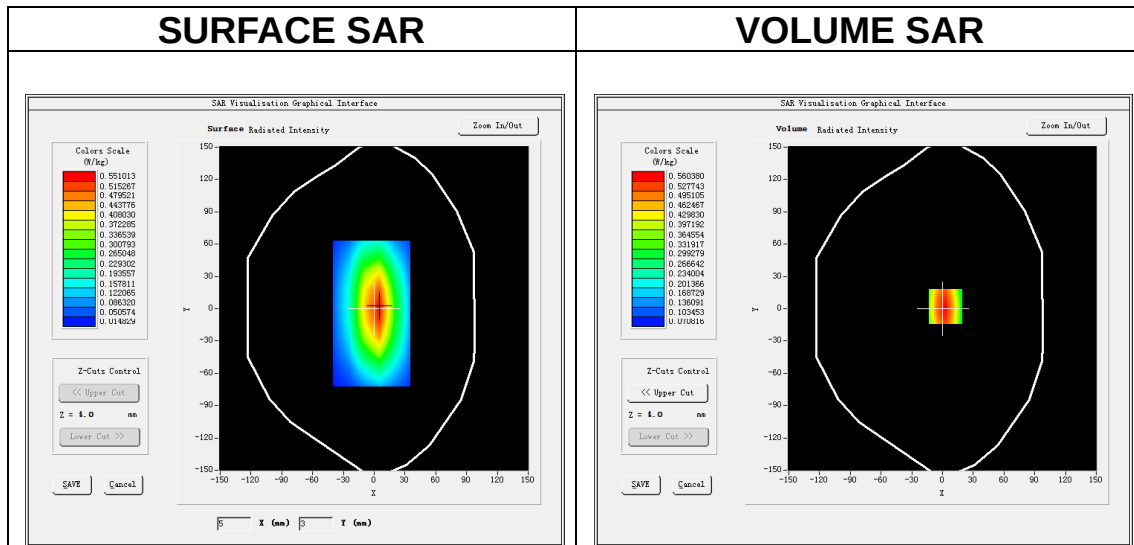
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW750</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.37</u>

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative permittivity (real part)	40.571880
Relative permittivity (imaginary part)	21.550346
Conductivity (S/m)	0.897931
Variation (%)	-0.110000

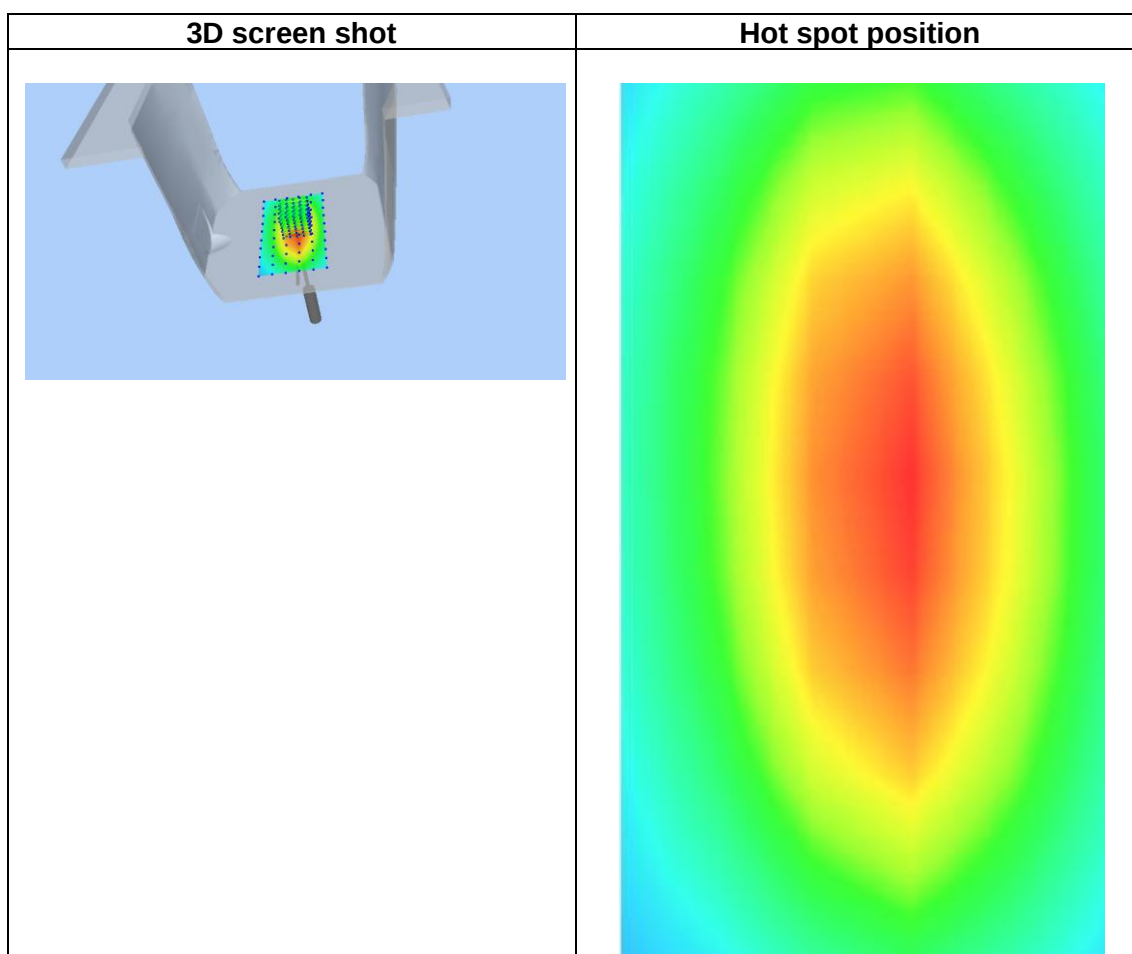
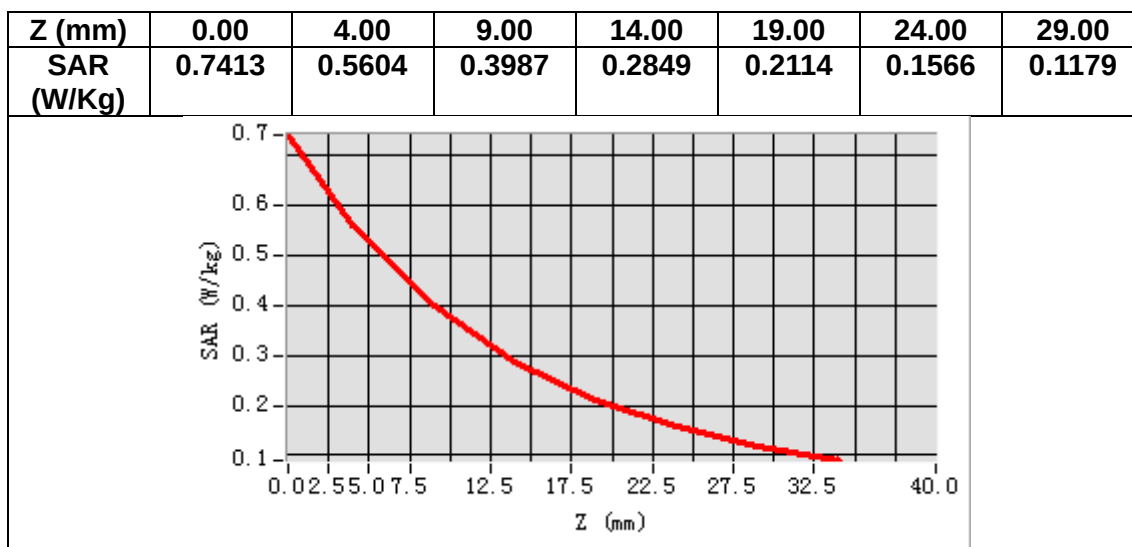
SURFACE SAR



Maximum location: X=3.00, Y=2.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.366403
SAR 1g (W/Kg)	0.543299



MEASUREMENT 2

Date of measurement: 30/8/2024

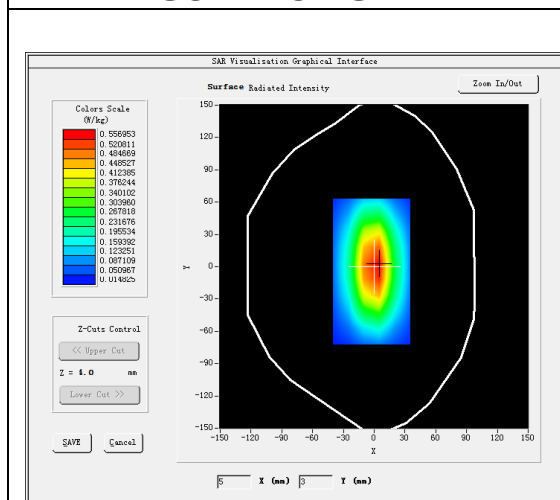
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW835</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

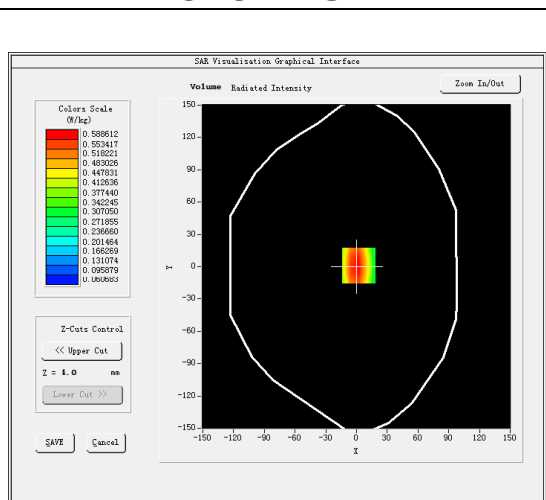
B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative permittivity (real part)	42.237610
Relative permittivity (imaginary part)	19.940147
Conductivity (S/m)	0.925001
Variation (%)	-0.390000

SURFACE SAR



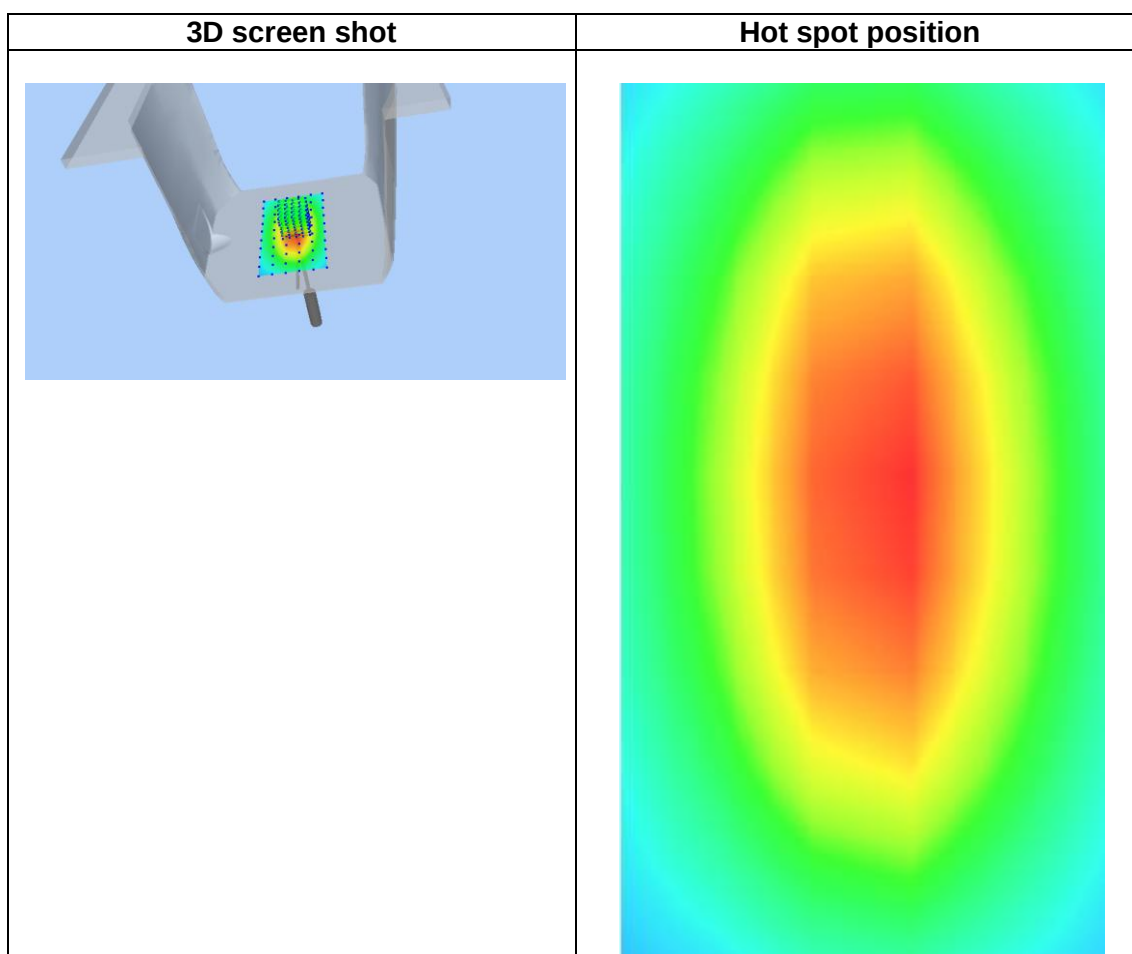
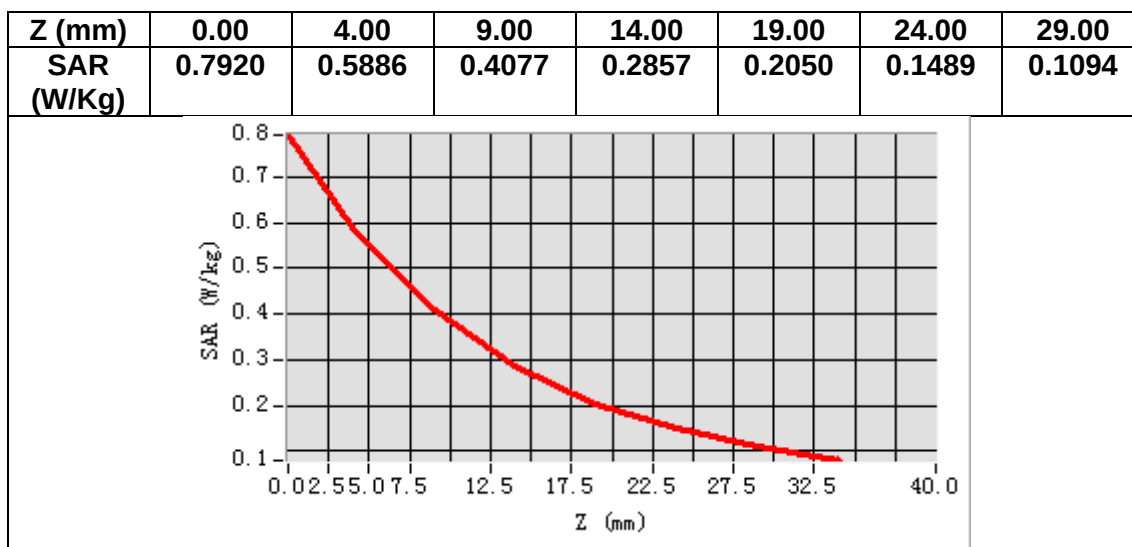
VOLUME SAR



Maximum location: X=2.00, Y=1.00

SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.377056
SAR 1g (W/Kg)	0.576211



MEASUREMENT 3

Date of measurement: 28/8/2024

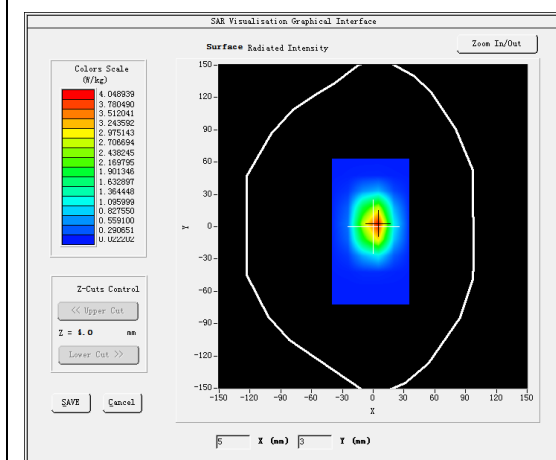
A. Experimental conditions.

Area Scan	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Dipole</u>
Band	<u>CW1800</u>
Channels	<u>Middle</u>
Signal	<u>CW (Crest factor: 1.0)</u>
ConvF	<u>2.45</u>

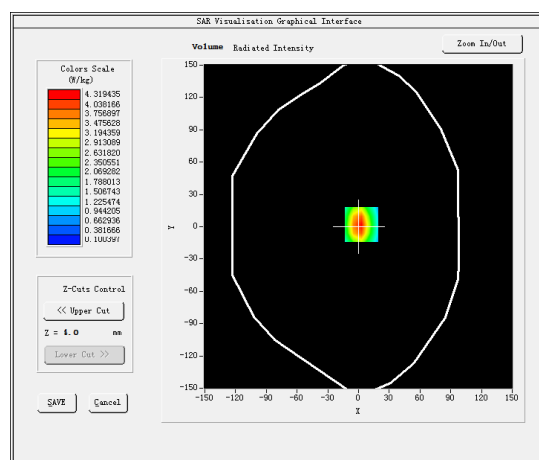
B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.467928
Relative permittivity (imaginary part)	13.859647
Conductivity (S/m)	1.385965
Variation (%)	0.680000

SURFACE SAR



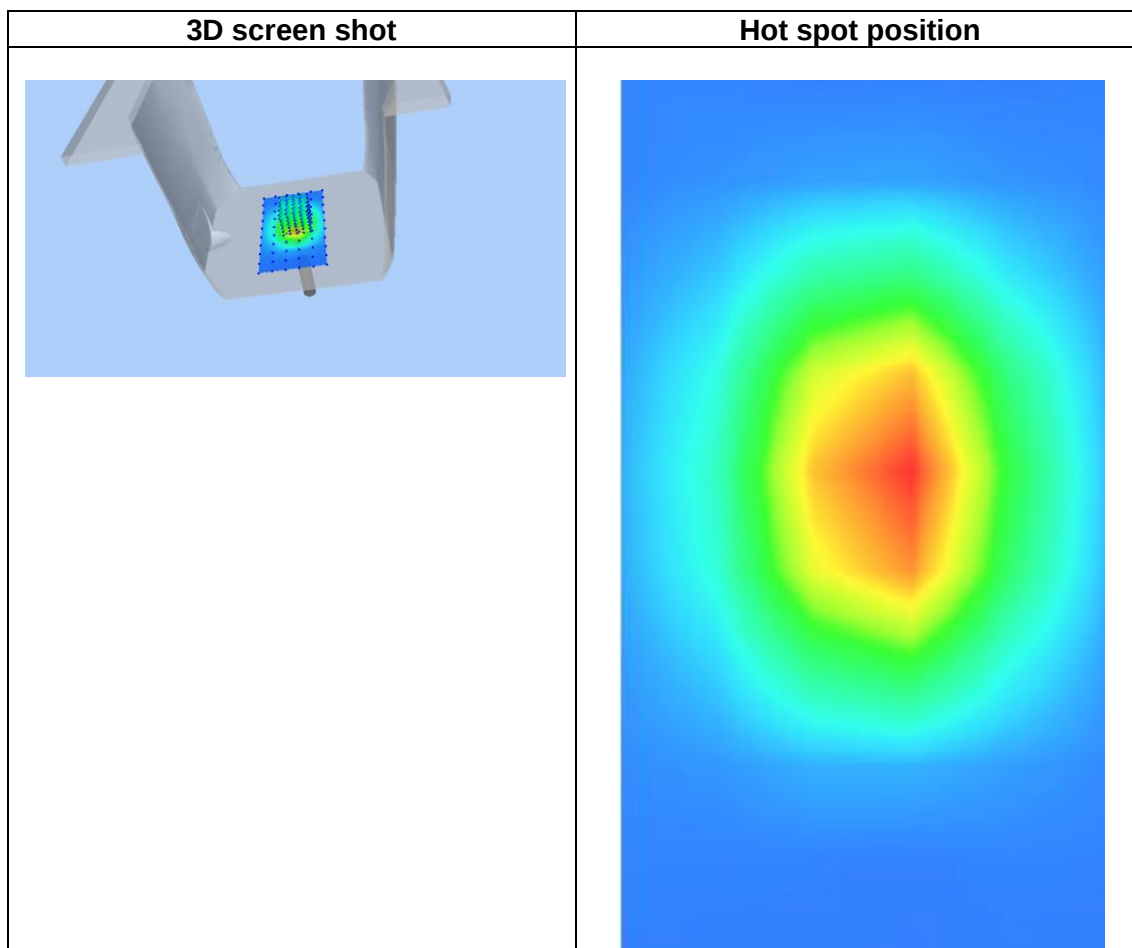
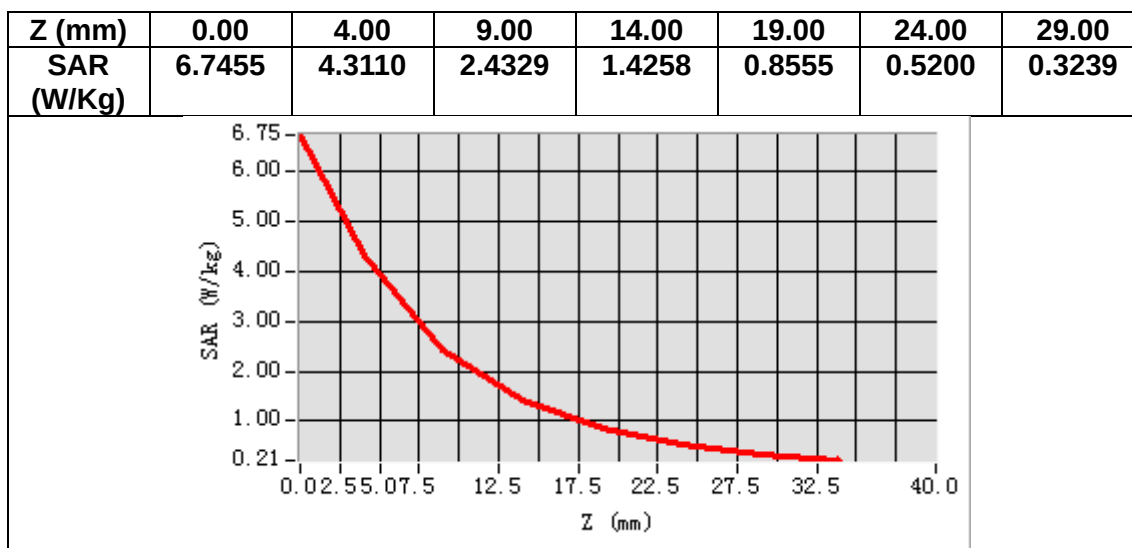
VOLUME SAR



Maximum location: X=3.00, Y=2.00

SAR Peak: 6.82 W/kg

SAR 10g (W/Kg)	1.911124
SAR 1g (W/Kg)	3.457229



MEASUREMENT 4

Date of measurement: 10/9/2024

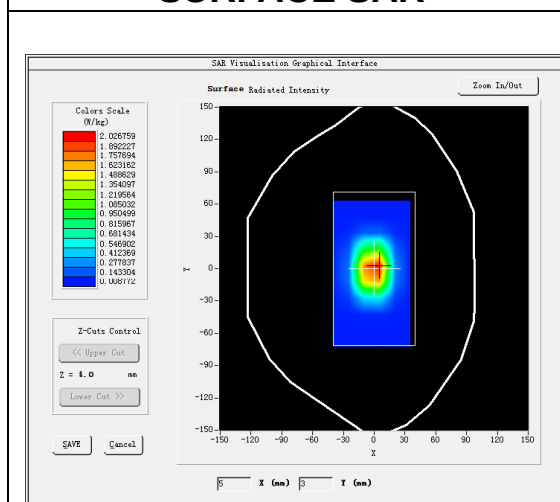
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

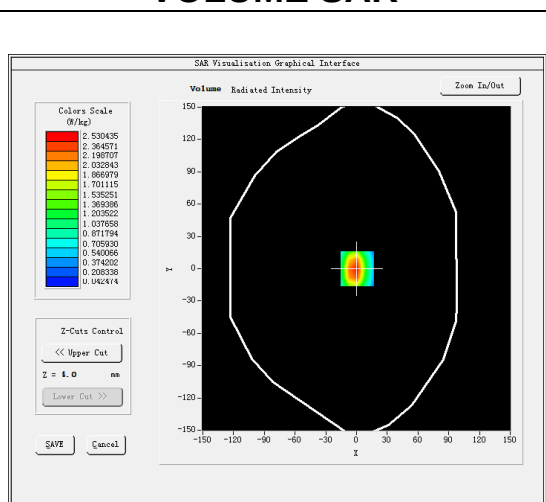
B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative permittivity (real part)	38.587635
Relative permittivity (imaginary part)	13.833045
Conductivity (S/m)	1.460155
Variation (%)	0.010000

SURFACE SAR



VOLUME SAR

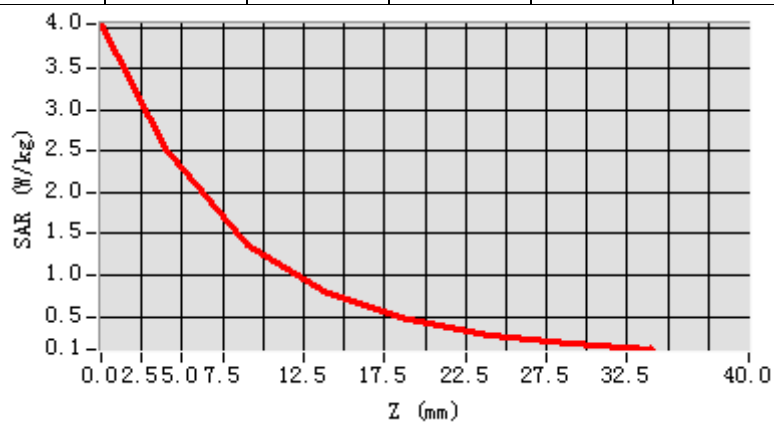


Maximum location: X=1.00, Y=0.00

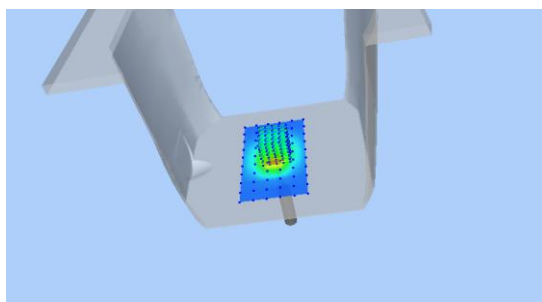
SAR Peak: 4.18 W/kg

SAR 10g (W/Kg)	1.244418
SAR 1g (W/Kg)	2.529641

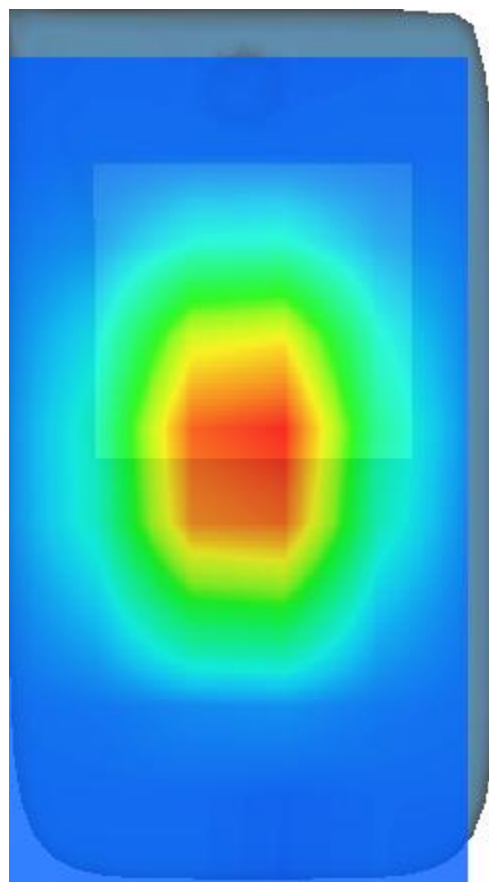
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.0413	2.5304	1.3779	0.7793	0.4580	0.2708	0.1664



3D screen shot



Hot spot position



MEASUREMENT 5

Date of measurement: 16/9/2024

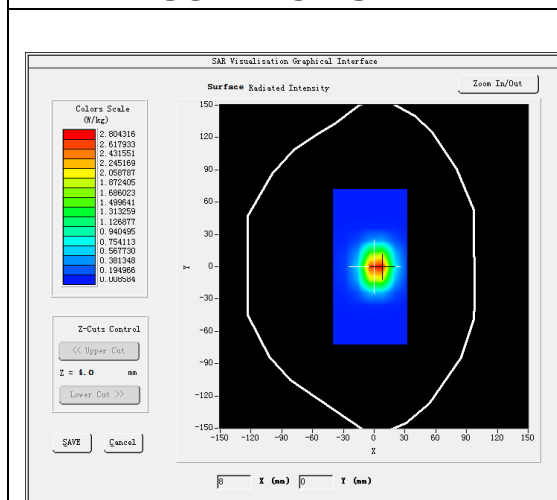
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2450</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.85</u>

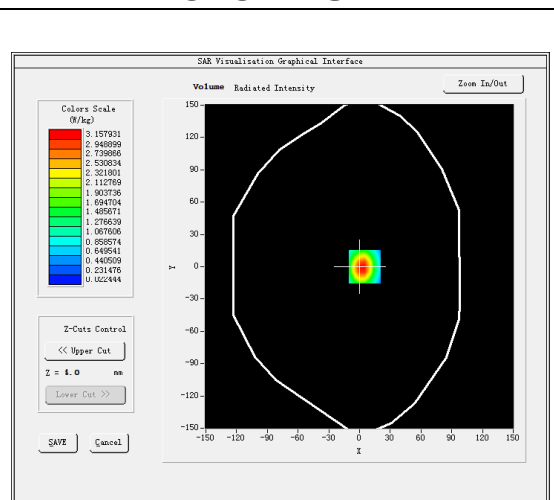
B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative permittivity (real part)	40.110912
Relative permittivity (imaginary part)	13.431449
Conductivity (S/m)	1.828169
Variation (%)	-3.670000

SURFACE SAR



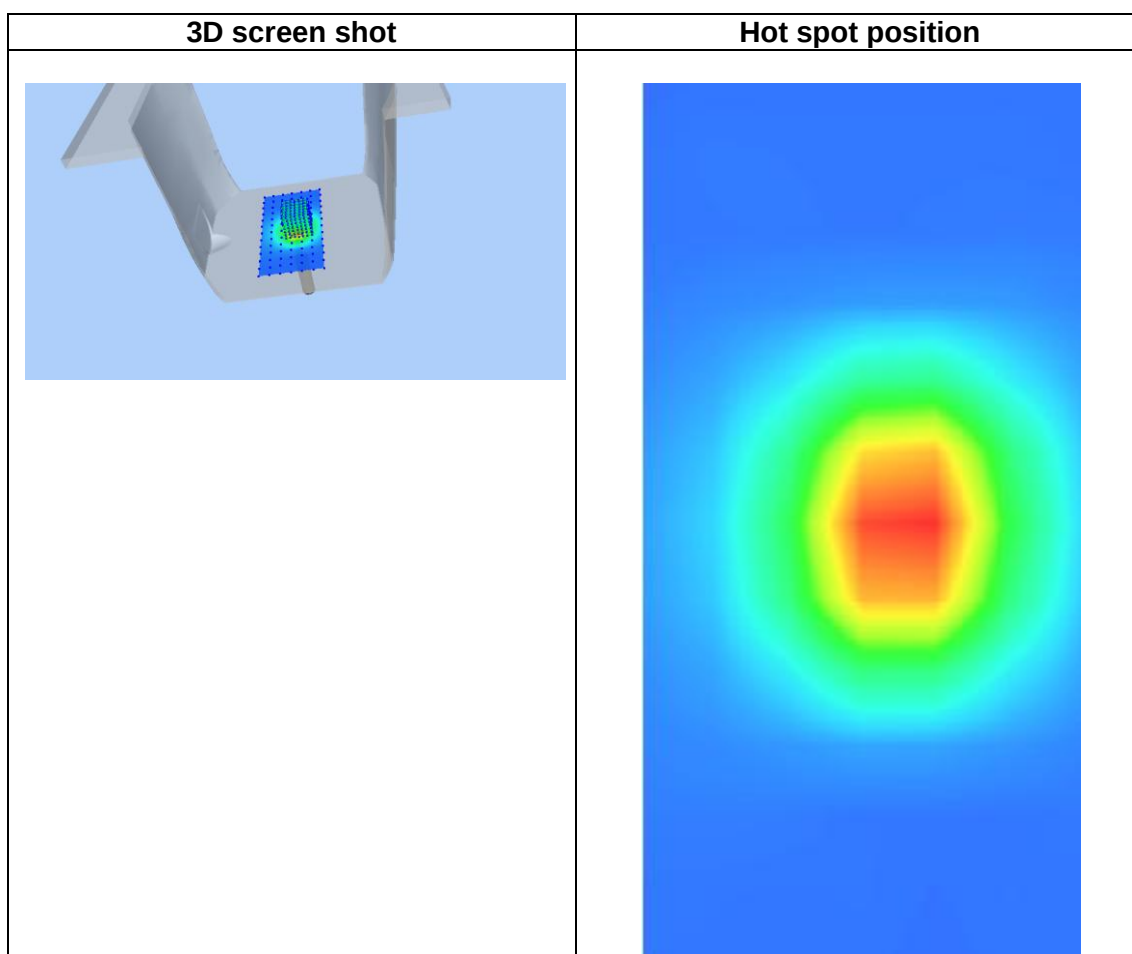
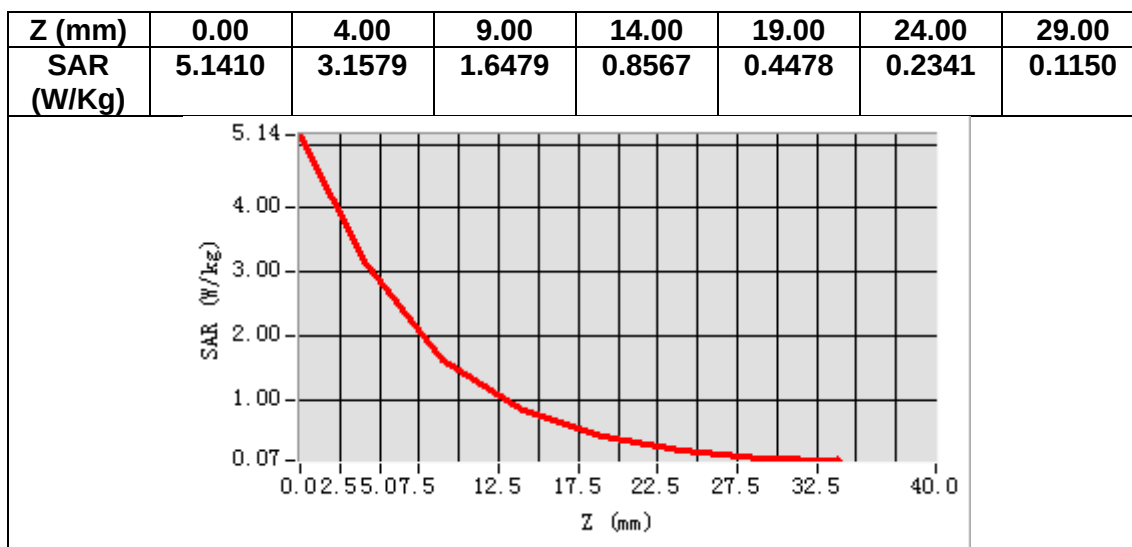
VOLUME SAR



Maximum location: X=5.00, Y=0.00

SAR Peak: 5.23 W/kg

SAR 10g (W/Kg)	1.423636
SAR 1g (W/Kg)	2.975236



MEASUREMENT 6

Date of measurement: 27/8/2024

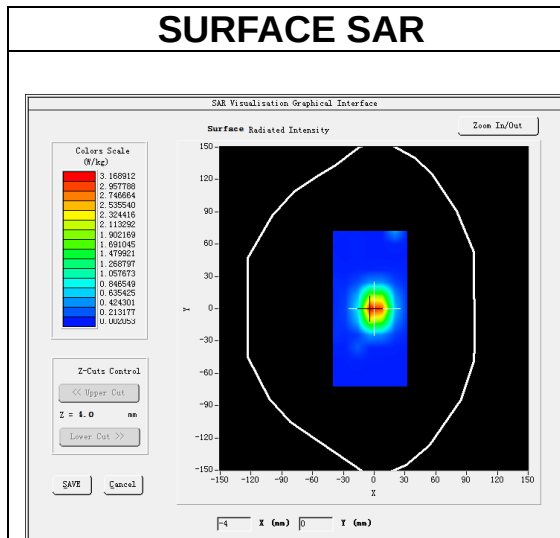
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW2600</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.65</u>

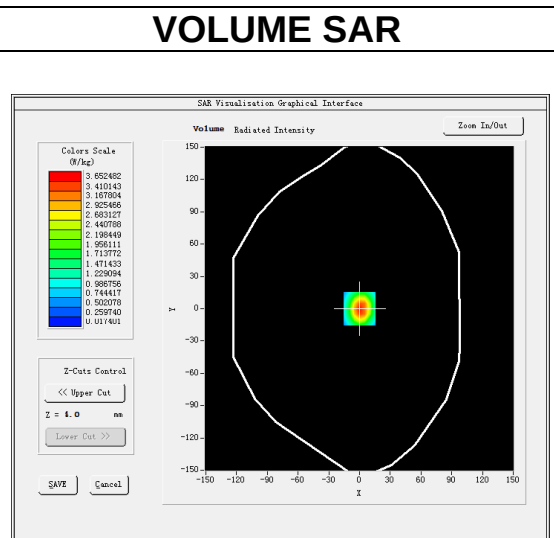
B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative permittivity (real part)	39.097961
Relative permittivity (imaginary part)	13.921630
Conductivity (S/m)	2.010902
Variation (%)	0.550000

SURFACE SAR



VOLUME SAR



Maximum location: X=0.00, Y=0.00

SAR Peak: 6.35 W/kg

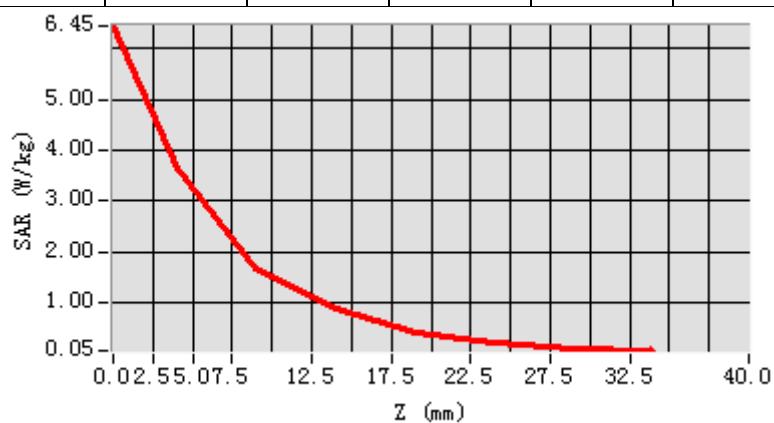
SAR 10g (W/Kg)

1.513066

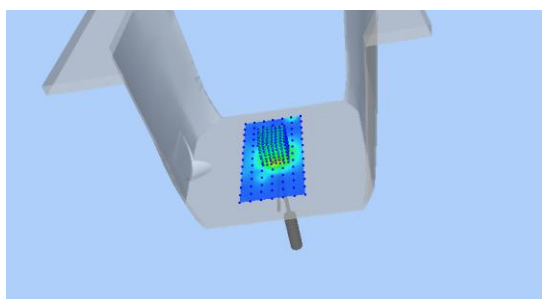
SAR 1g (W/Kg)

3.343411

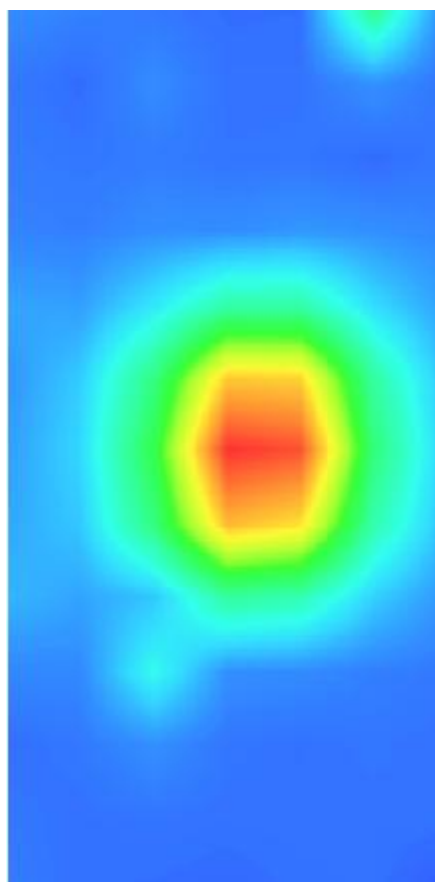
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.4526	3.6525	1.6600	0.8834	0.4108	0.2005	0.0973



3D screen shot



Hot spot position



MEASUREMENT 7

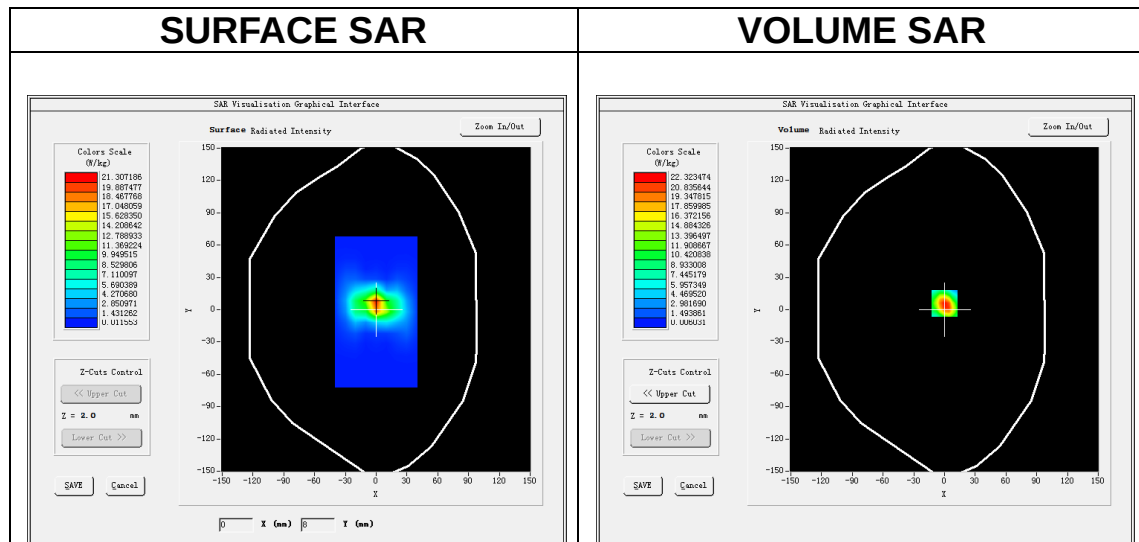
Date of measurement: 3/9/2024

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5200</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.07</u>

B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.894737
Relative permittivity (imaginary part)	15.877389
Conductivity (S/m)	4.586801
Variation (%)	-0.900000

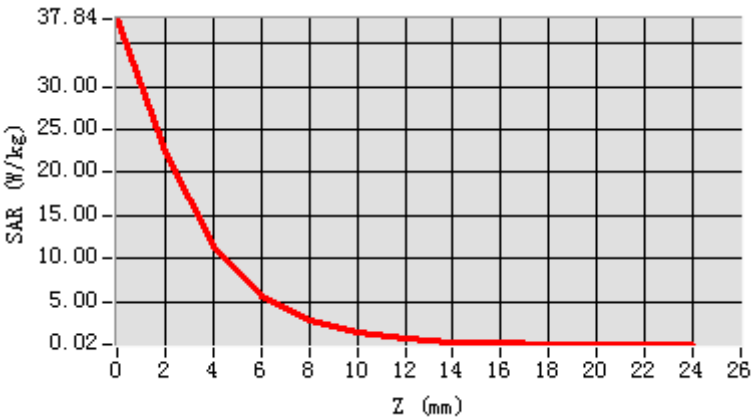


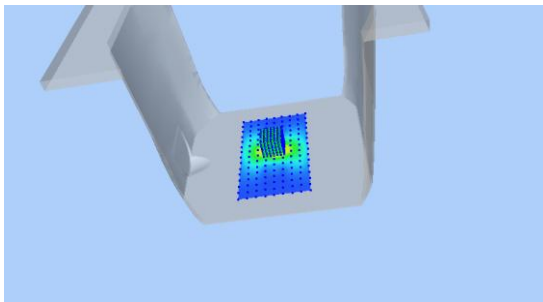
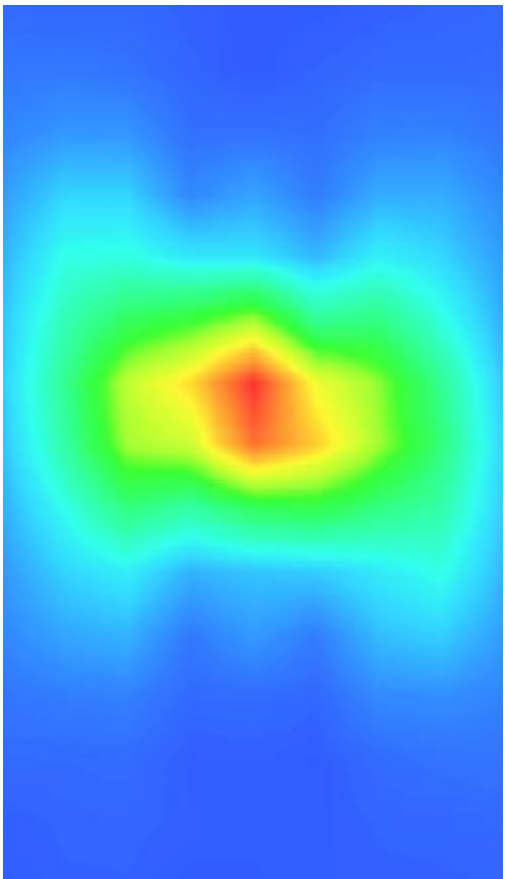
Maximum location: X=0.00, Y=6.00

SAR Peak: 40.06 W/kg

SAR 10g (W/Kg)	5.679376
SAR 1g (W/Kg)	15.319267

Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	37.8 64	22.3 79	11.3 41	5.66 52	2.82 25	1.40 73	0.71 08	0.36 65	0.18 12	0.10 14	0.05 43	0.03 85



3D screen shot	Hot spot position
	

MEASUREMENT 8

Date of measurement: 4/9/2024

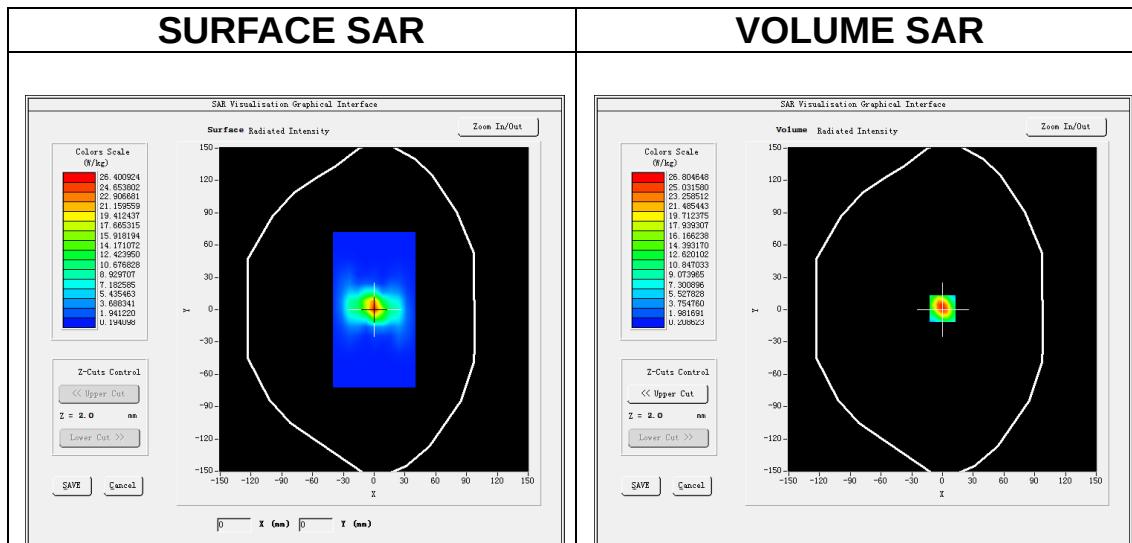
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5400</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.11</u>

B. SAR Measurement Results

Frequency (MHz)	5400.000000
Relative permittivity (real part)	35.837167
Relative permittivity (imaginary part)	15.979601
Conductivity (S/m)	4.793880
Variation (%)	-3.040000

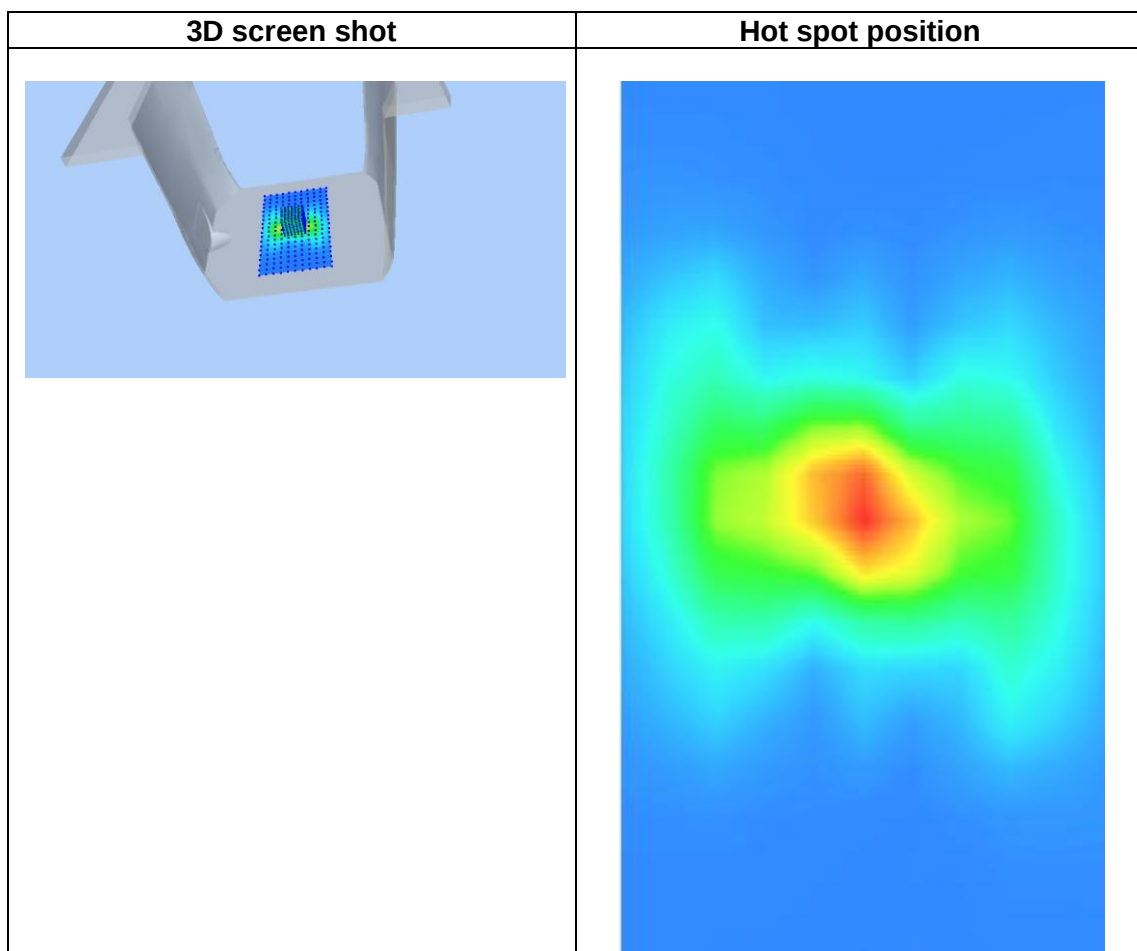
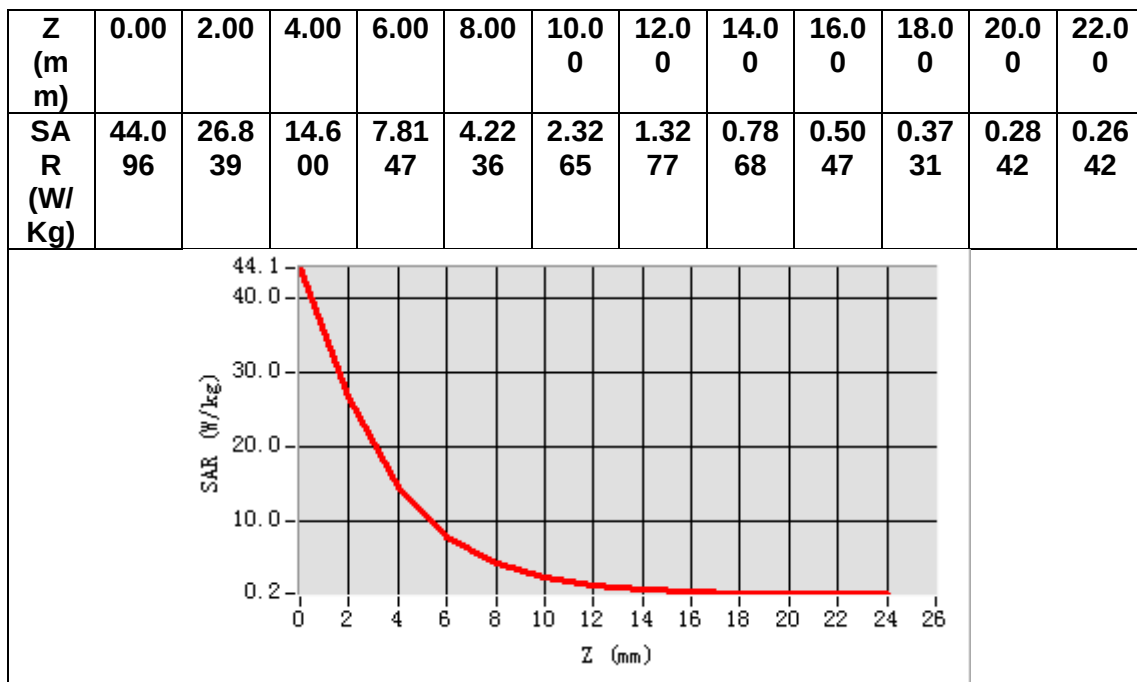
SURFACE SAR



Maximum location: X=0.00, Y=1.00

SAR Peak: 46.18 W/kg

SAR 10g (W/Kg)	5.345035
SAR 1g (W/Kg)	16.576385



MEASUREMENT 9

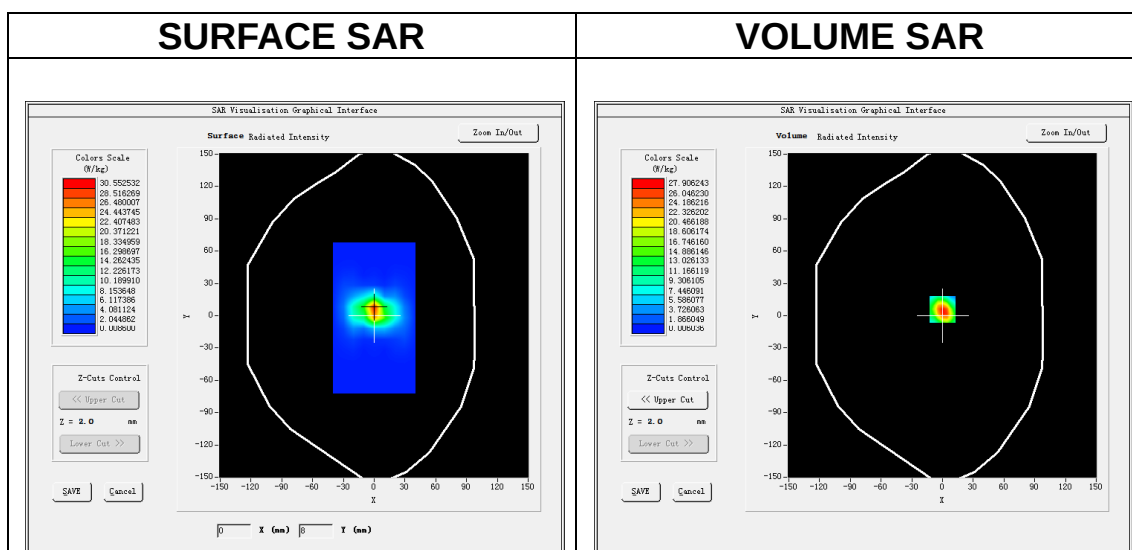
Date of measurement: 5/9/2024

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Dipole</u>
<u>Band</u>	<u>CW5600</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.20</u>

B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative permittivity (real part)	36.009038
Relative permittivity (imaginary part)	16.319609
Conductivity (S/m)	5.077212
Variation (%)	-3.450000

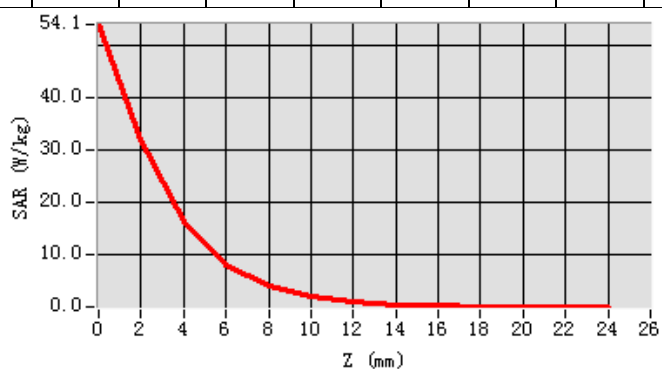


Maximum location: X=0.00, Y=6.00

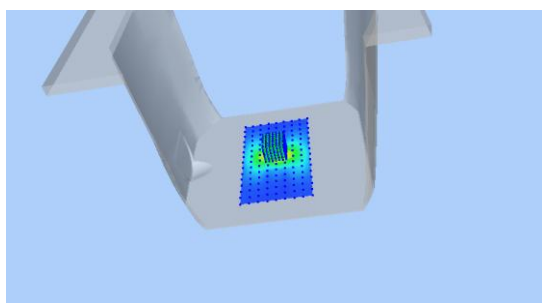
SAR Peak: 51.23 W/kg

SAR 10g (W/Kg)	5.837178
SAR 1g (W/Kg)	16.631265

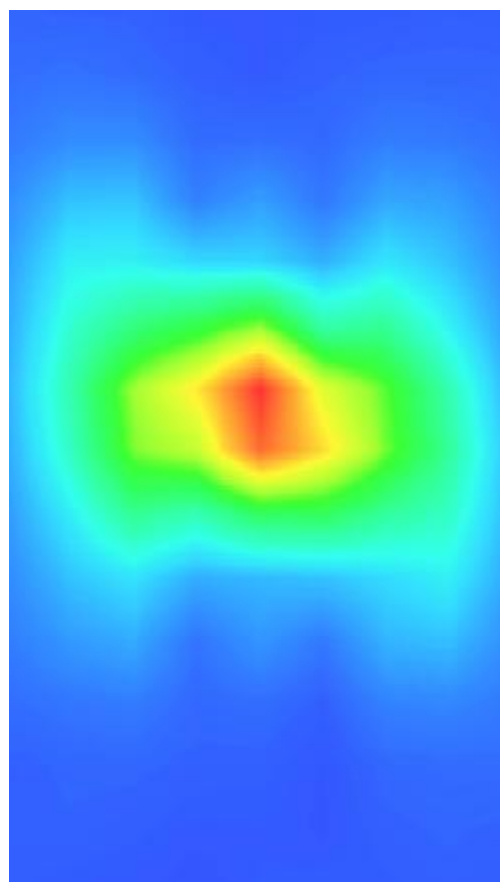
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/ Kg)	54.1 22	31.9 92	16.3 13	8.17 15	4.08 85	3.81 79	1.03 95	0.46 38	0.27 84	0.13 41	0.07 52	0.05 51



3D screen shot



Hot spot position



MEASUREMENT 10

Date of measurement: 6/9/2024

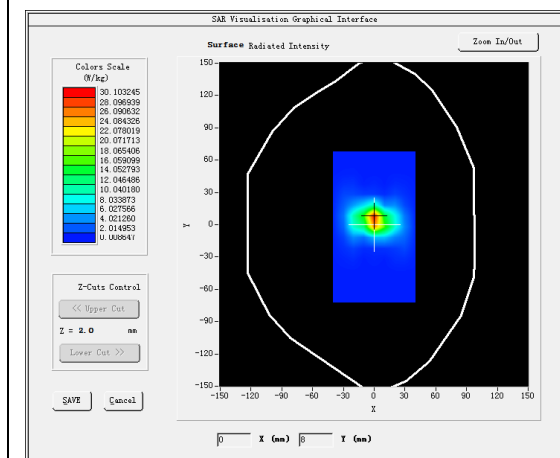
A. Experimental conditions.

Area Scan	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
ZoomScan	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Dipole</u>
Band	<u>CW5800</u>
Channels	<u>Middle</u>
Signal	<u>CW (Crest factor: 1.0)</u>
ConvF	<u>2.04</u>

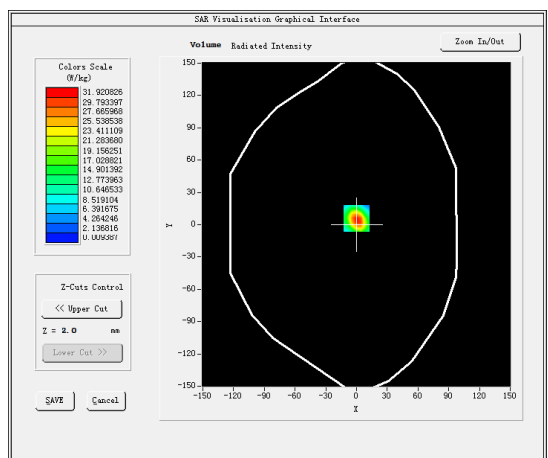
B. SAR Measurement Results

Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.425021
Relative permittivity (imaginary part)	15.888565
Conductivity (S/m)	5.119649
Variation (%)	3.290000

SURFACE SAR



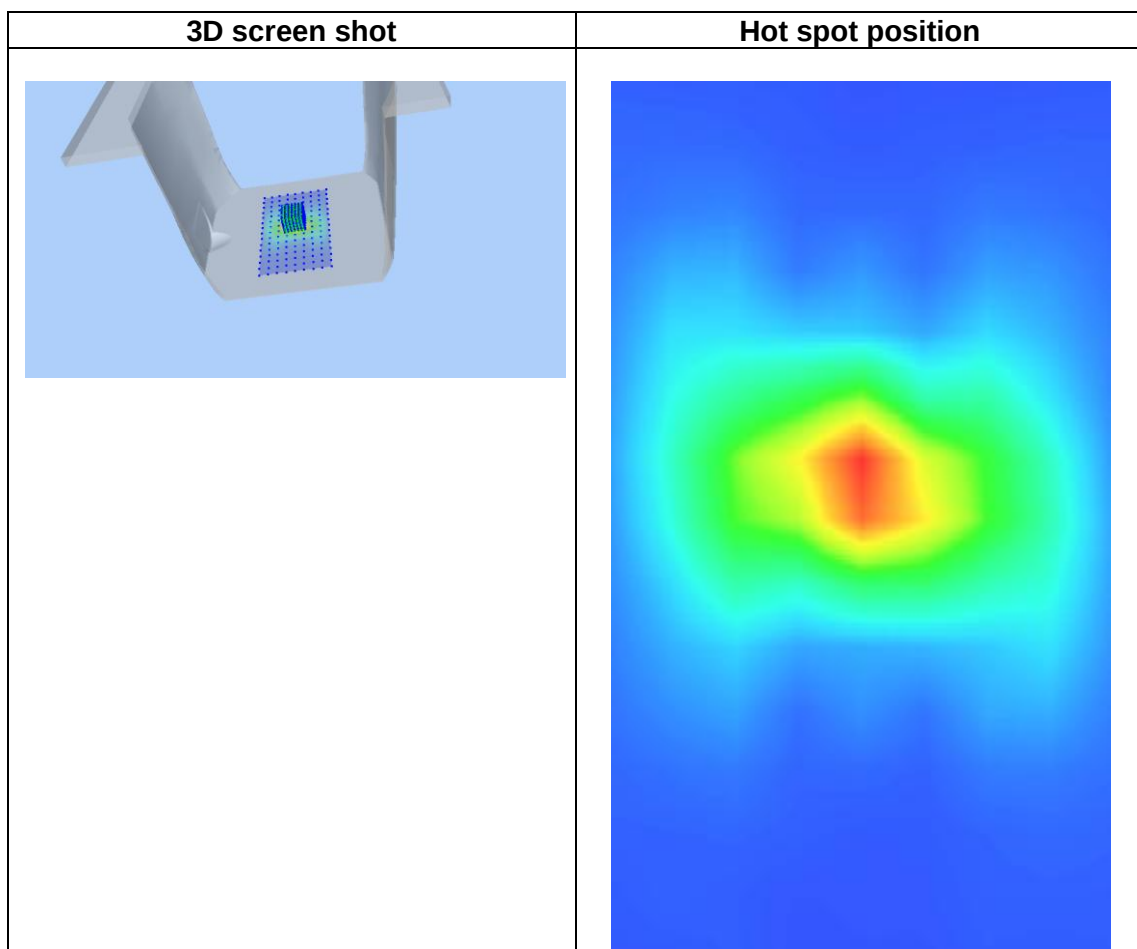
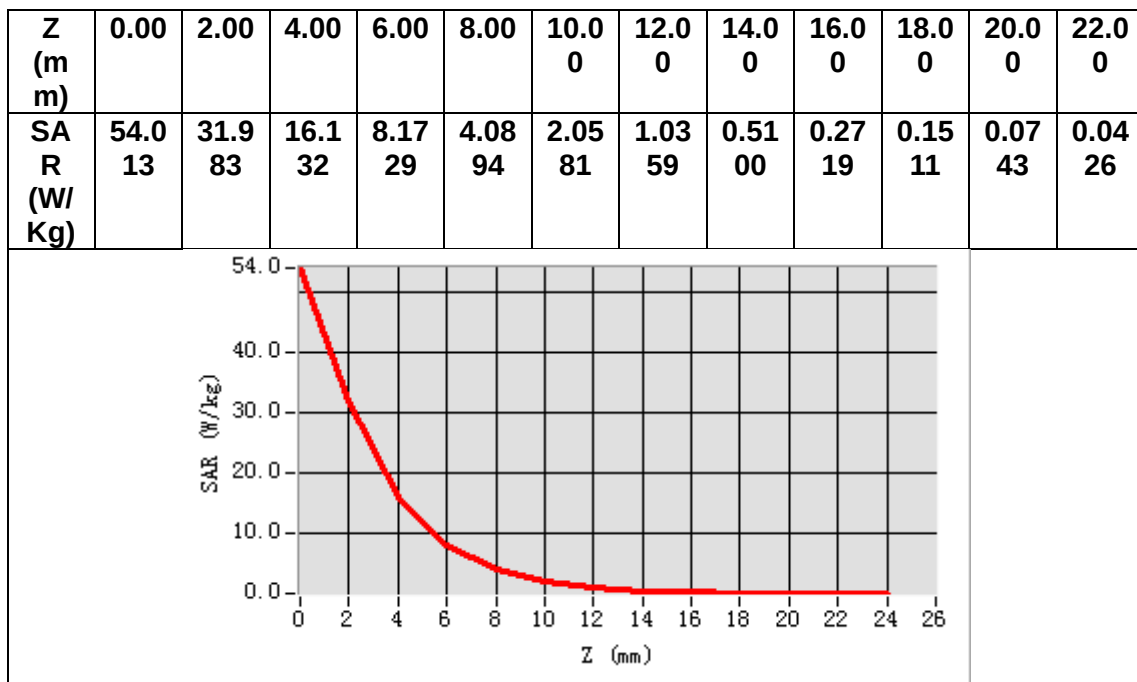
VOLUME SAR



Maximum location: X=0.00, Y=6.00

SAR Peak: 57.37 W/kg

SAR 10g (W/Kg)	5.632352
SAR 1g (W/Kg)	17.577099



13. Appendix C. Plots of High SAR Measurement

Table of contents
MEASUREMENT 1 GSM 850 Head
MEASUREMENT 2 GSM 850 Body
MEASUREMENT 3 GSM 1900 Head
MEASUREMENT 4 GSM 1900 Body
MEASUREMENT 5 WCDMA Band 2 Head
MEASUREMENT 6 WCDMA Band 2 Body
MEASUREMENT 7 WCDMA Band 4 Head
MEASUREMENT 8 WCDMA Band 4 Body
MEASUREMENT 9 WCDMA Band 5 Head
MEASUREMENT 10 WCDMA Band 5 Body
MEASUREMENT 11 WLAN 5.2G Head
MEASUREMENT 12 WLAN 5.3G Head
MEASUREMENT 13 WLAN 5.6G Head
MEASUREMENT 14 WLAN 5.8G Head
MEASUREMENT 15 WLAN 5.2G Body
MEASUREMENT 16 WLAN 5.3G Body
MEASUREMENT 17 WLAN 5.6G Body
MEASUREMENT 18 WLAN5.8G Body
MEASUREMENT 19 WLAN 2.4G Head
MEASUREMENT 20 WLAN 2.4G Body
MEASUREMENT 21 LTE Band 2 Head
MEASUREMENT 22 LTE Band 2 Body
MEASUREMENT 23 LTE Band 4 Head
MEASUREMENT 24 LTE Band 4 Body
MEASUREMENT 25 LTE Band 5 Head
MEASUREMENT 26 LTE Band 5 Body
MEASUREMENT 27 LTE Band 7 Head
MEASUREMENT 28 LTE Band 7 Body
MEASUREMENT 29 LTE Band 12 Head
MEASUREMENT 30 LTE Band 12 Body
MEASUREMENT 31 LTE Band 17 Head
MEASUREMENT 32 LTE Band 17 Body
MEASUREMENT 33 LTE Band 25 Head
MEASUREMENT 34 LTE Band 25 Body
MEASUREMENT 35 LTE Band 26A Head
MEASUREMENT 36 LTE Band 26A Body
MEASUREMENT 37 LTE Band 26B Head

MEASUREMENT 38 LTE Band 26B Body

MEASUREMENT 39 LTE Band 41 Head

MEASUREMENT 40 LTE Band 41 Body

MEASUREMENT 41 LTE Band 66 Head

MEASUREMENT 42 LTE Band 66 Body

MEASUREMENT 1

Date of measurement: 30/8/2024

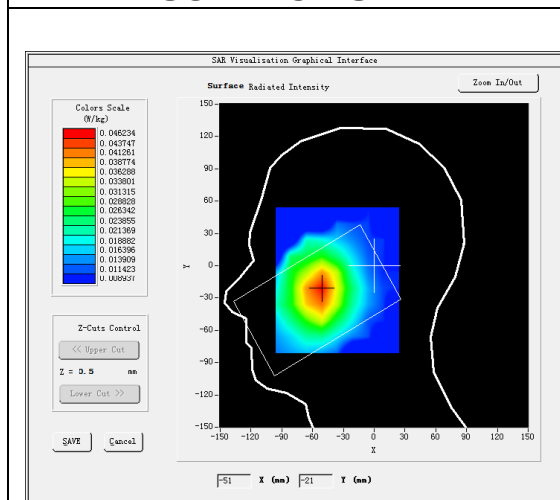
A. Experimental conditions.

Area Scan	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>GSM850</u>
Channels	<u>Middle</u>
Signal	<u>TDMA (Crest factor: 8.0)</u>
ConvF	<u>2.32</u>

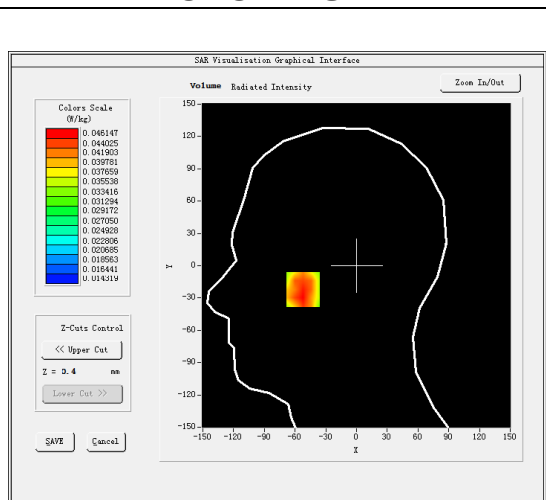
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	42.153271
Relative permittivity (imaginary part)	19.965986
Conductivity (S/m)	0.927753
Variation (%)	2.020000

SURFACE SAR



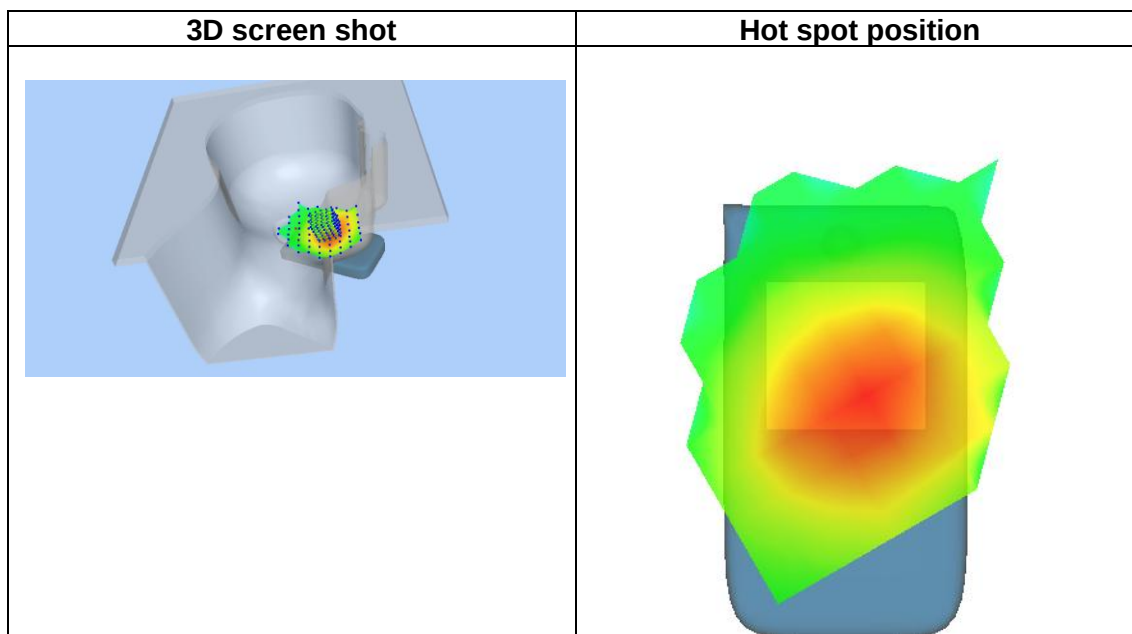
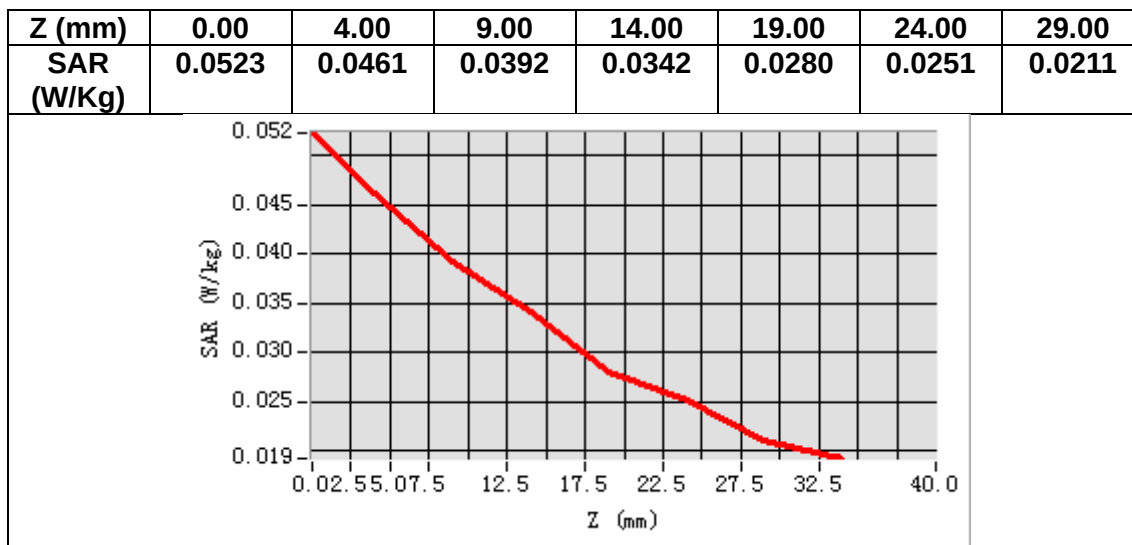
VOLUME SAR



Maximum location: X=-52.00, Y=-22.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.036920
SAR 1g (W/Kg)	0.045093



MEASUREMENT 2

Date of measurement: 30/8/2024

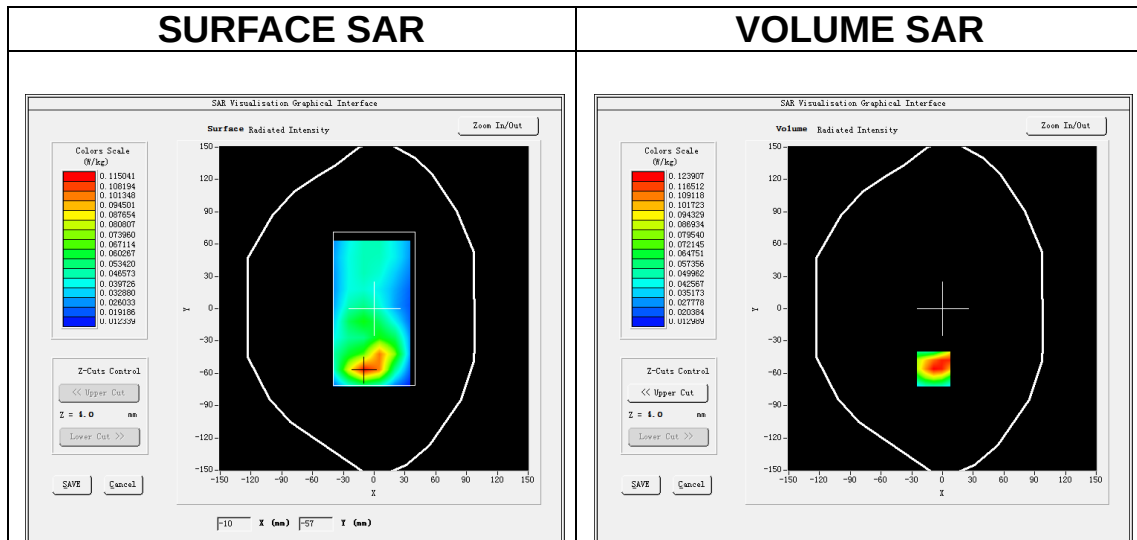
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	42.153271
Relative permittivity (imaginary part)	19.965986
Conductivity (S/m)	0.927753
Variation (%)	0.110000

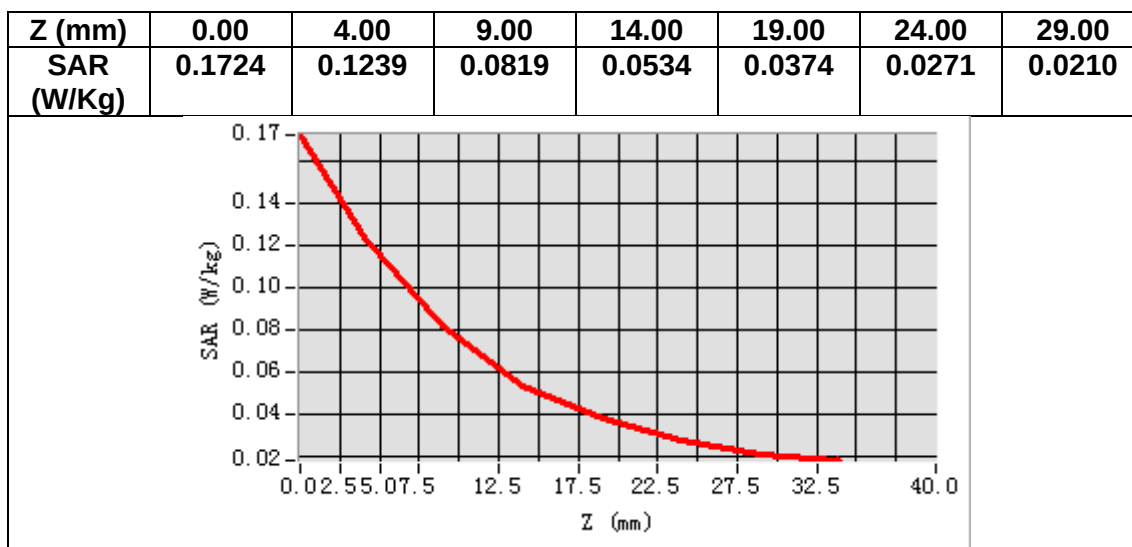
SURFACE SAR



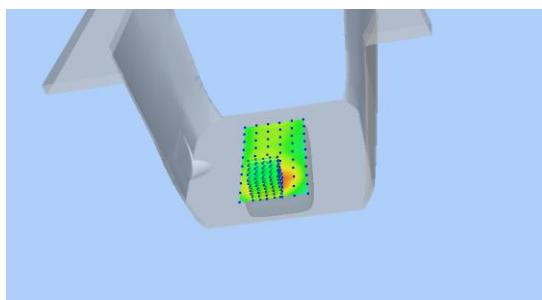
Maximum location: X=-9.00, Y=-56.00

SAR Peak: 0.19 W/kg

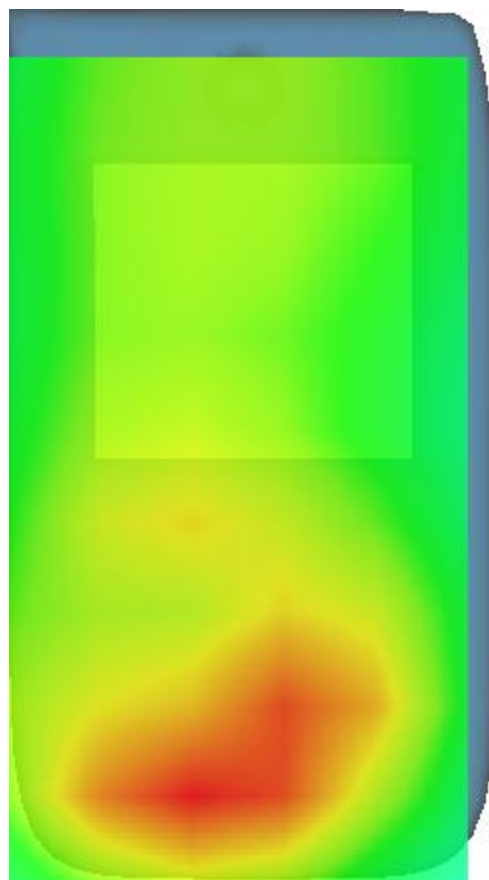
SAR 10g (W/Kg)	0.073580
SAR 1g (W/Kg)	0.123064



3D screen shot



Hot spot position



MEASUREMENT 3

Date of measurement: 10/9/2024

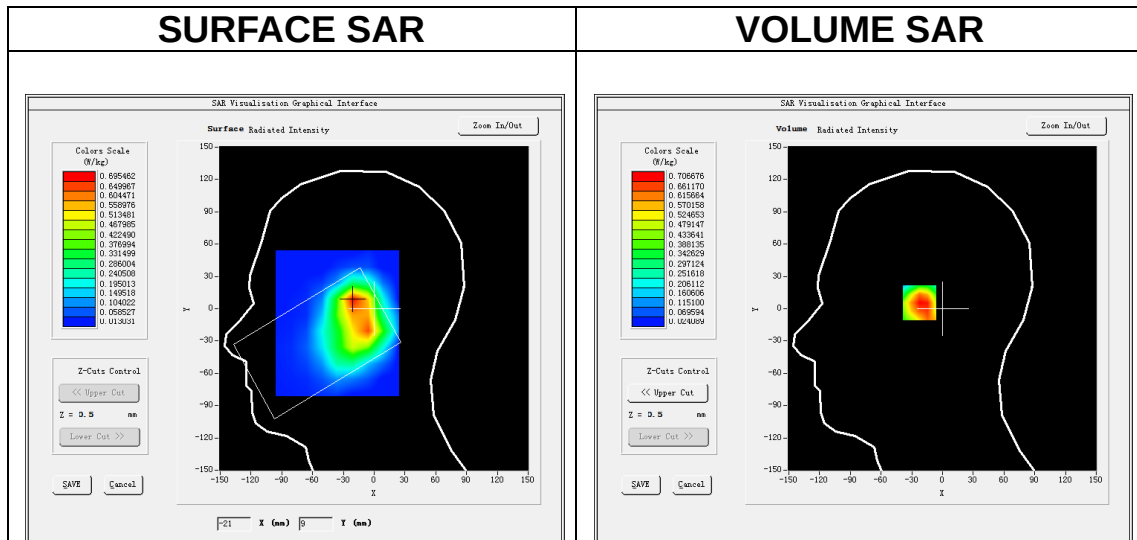
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.63</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.674034
Relative permittivity (imaginary part)	13.850845
Conductivity (S/m)	1.446644
Variation (%)	-0.480000

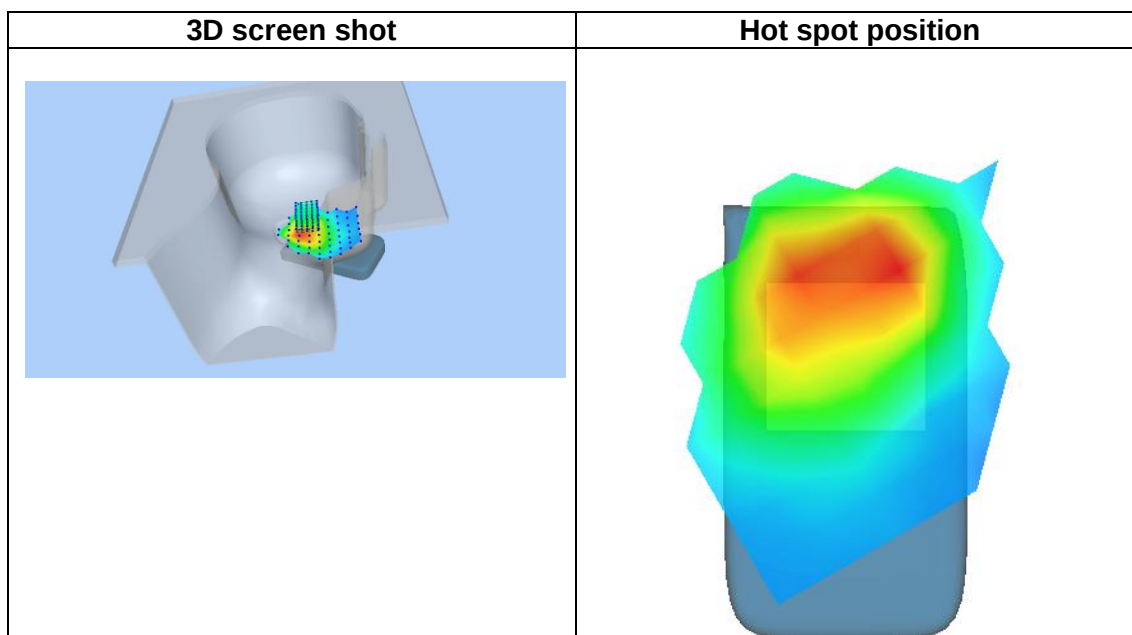
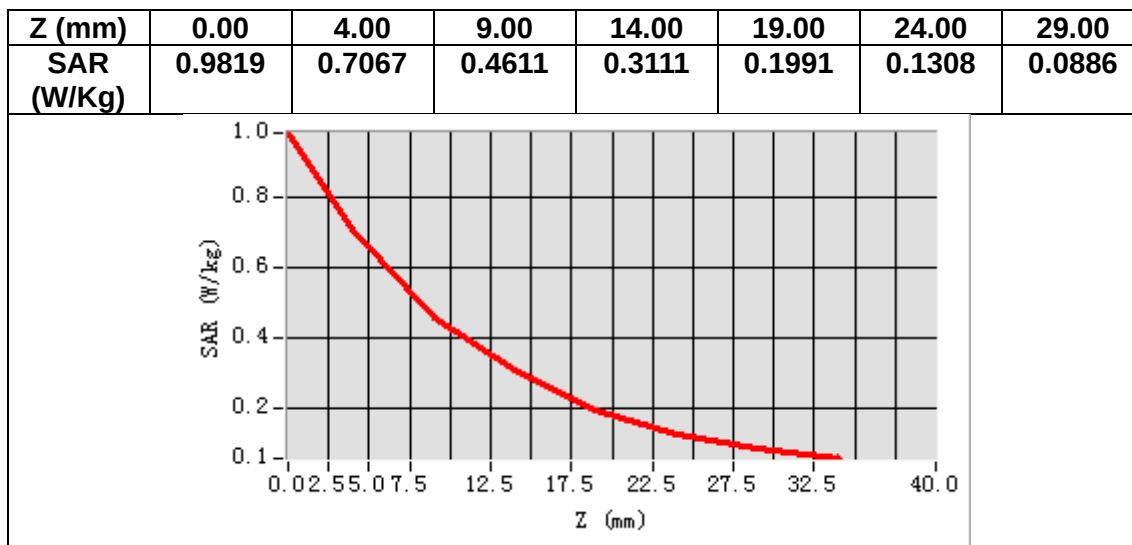
SURFACE SAR



Maximum location: X=-19.00, Y=6.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.413746
SAR 1g (W/Kg)	0.705351



MEASUREMENT 4

Date of measurement: 10/9/2024

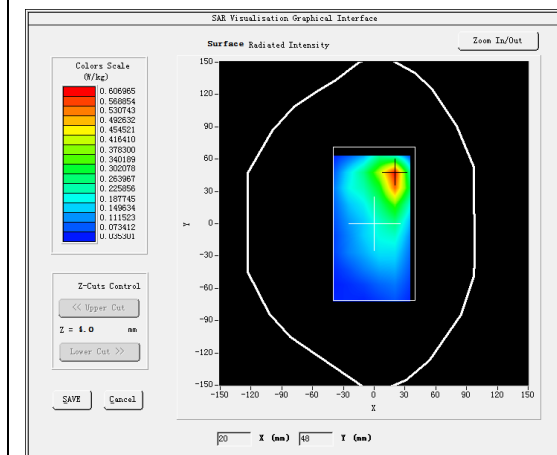
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.0)</u>
<u>ConvF</u>	<u>2.63</u>

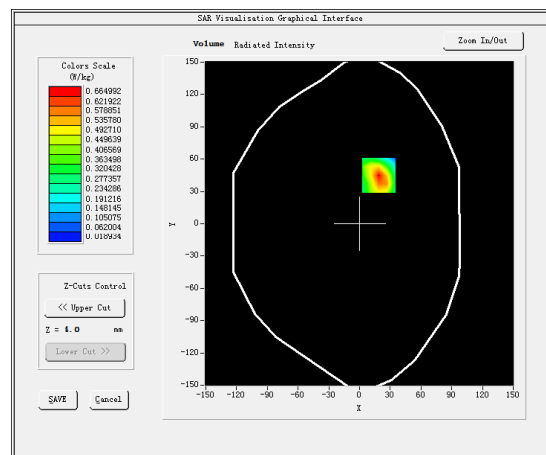
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.674034
Relative permittivity (imaginary part)	13.850845
Conductivity (S/m)	1.446644
Variation (%)	4.130000

SURFACE SAR



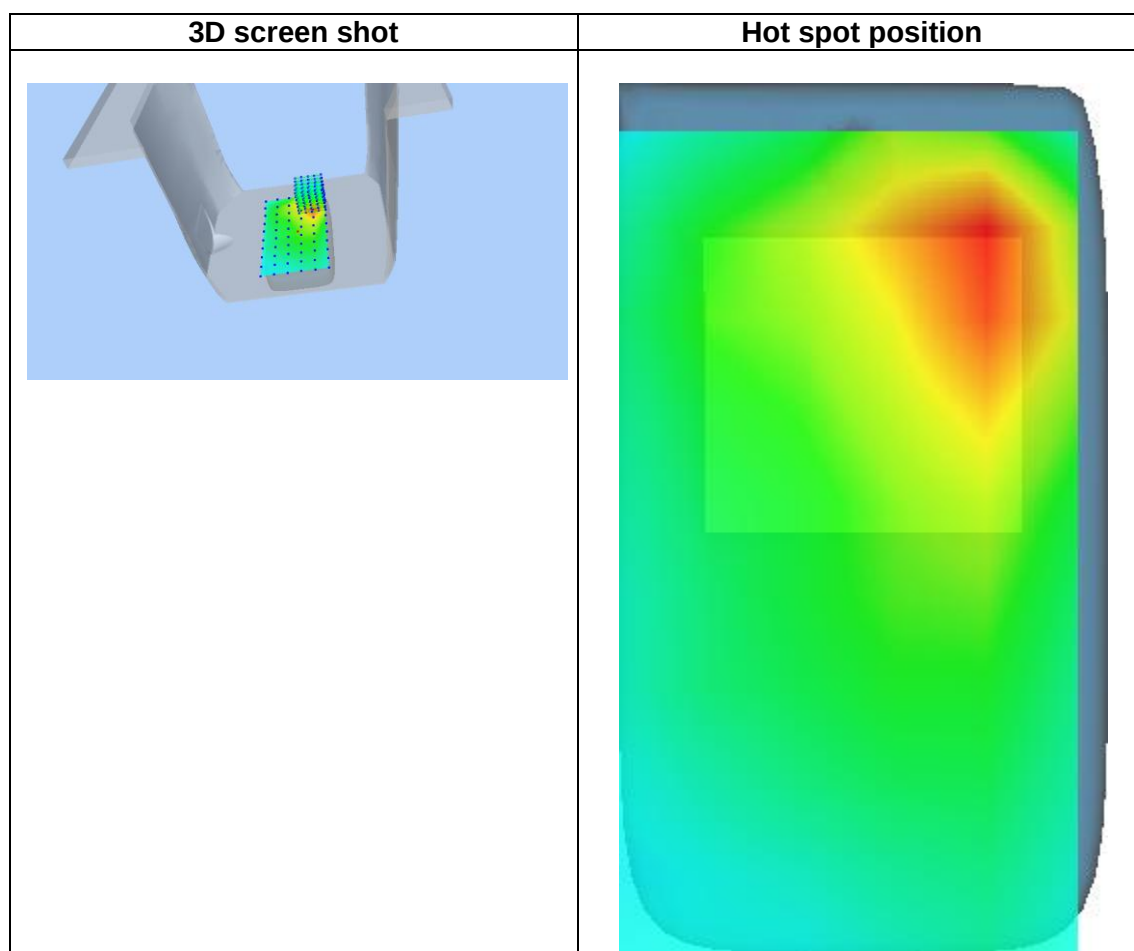
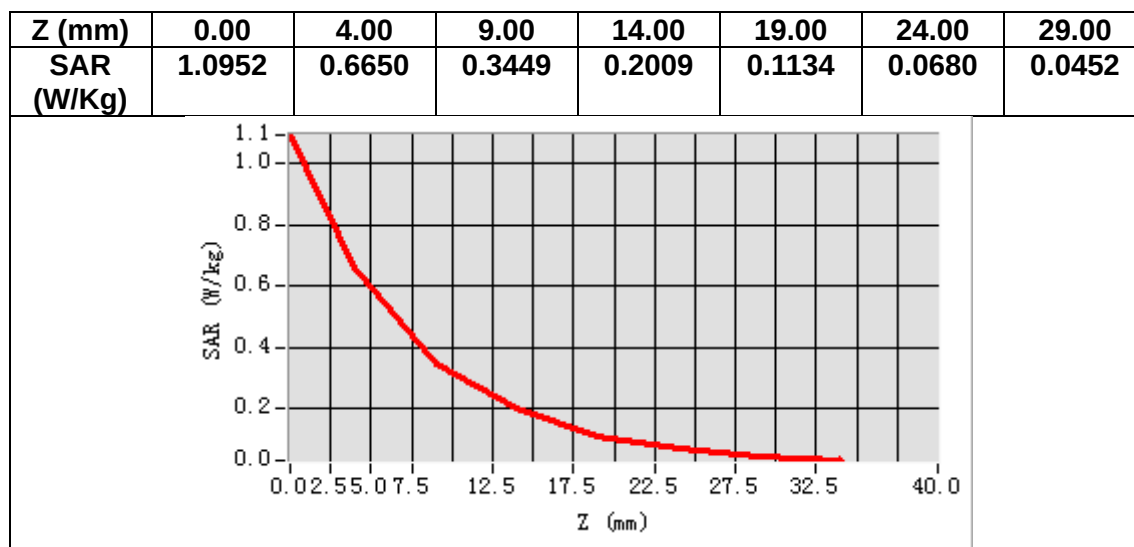
VOLUME SAR



Maximum location: X=19.00, Y=45.00

SAR Peak: 1.09 W/kg

SAR 10g (W/Kg)	0.329560
SAR 1g (W/Kg)	0.639064



MEASUREMENT 5

Date of measurement: 10/9/2024

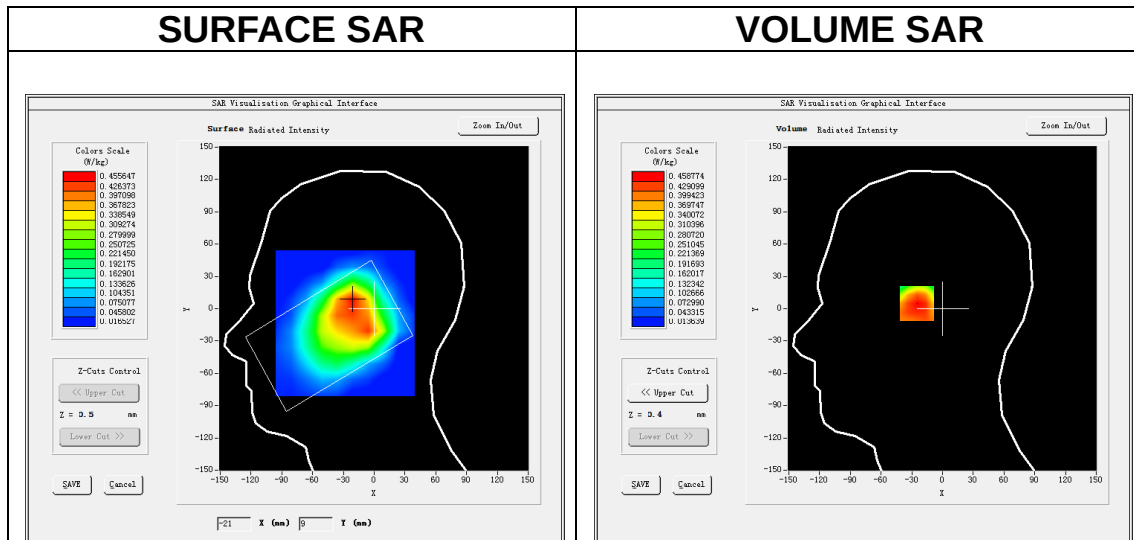
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.674034
Relative permittivity (imaginary part)	13.850845
Conductivity (S/m)	1.446644
Variation (%)	0.360000

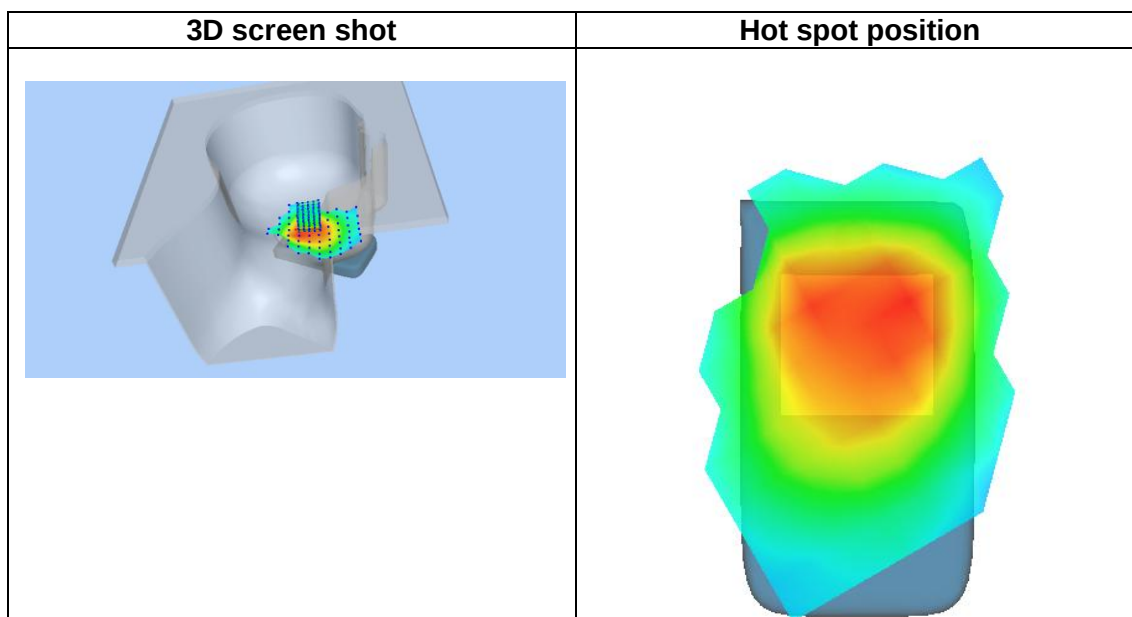
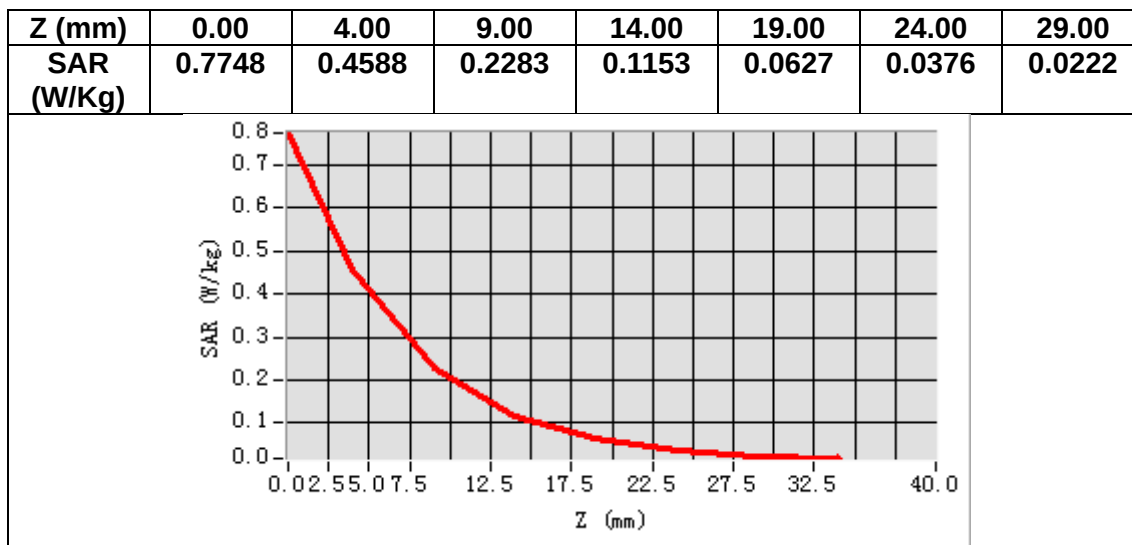
SURFACE SAR



Maximum location: X=-22.00, Y=6.00

SAR Peak: 0.78 W/kg

SAR 10g (W/Kg)	0.247043
SAR 1g (W/Kg)	0.459662



MEASUREMENT 6

Date of measurement: 10/9/2024

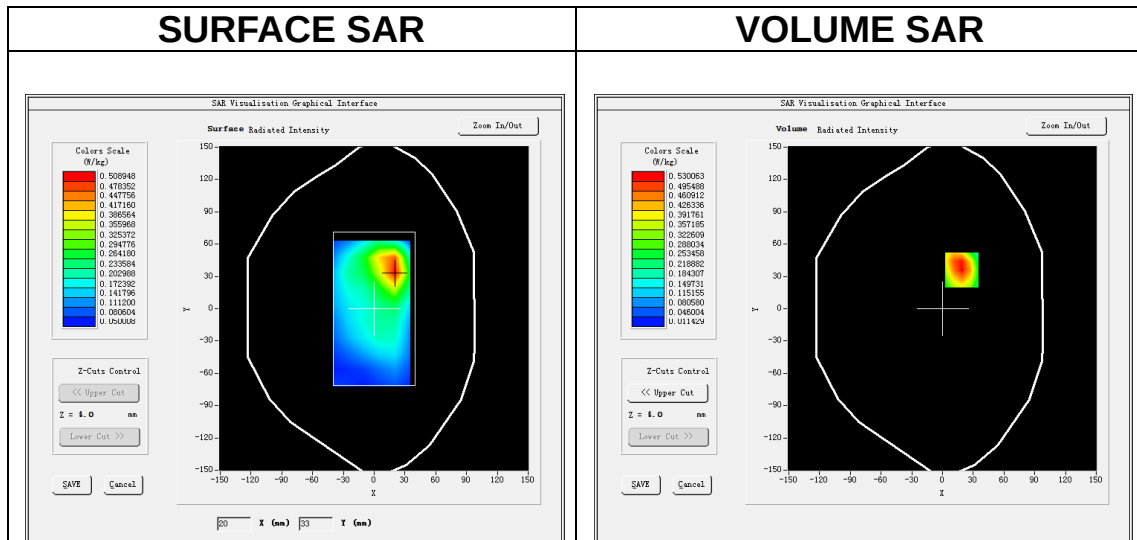
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.674034
Relative permittivity (imaginary part)	13.850845
Conductivity (S/m)	1.446644
Variation (%)	-2.810000

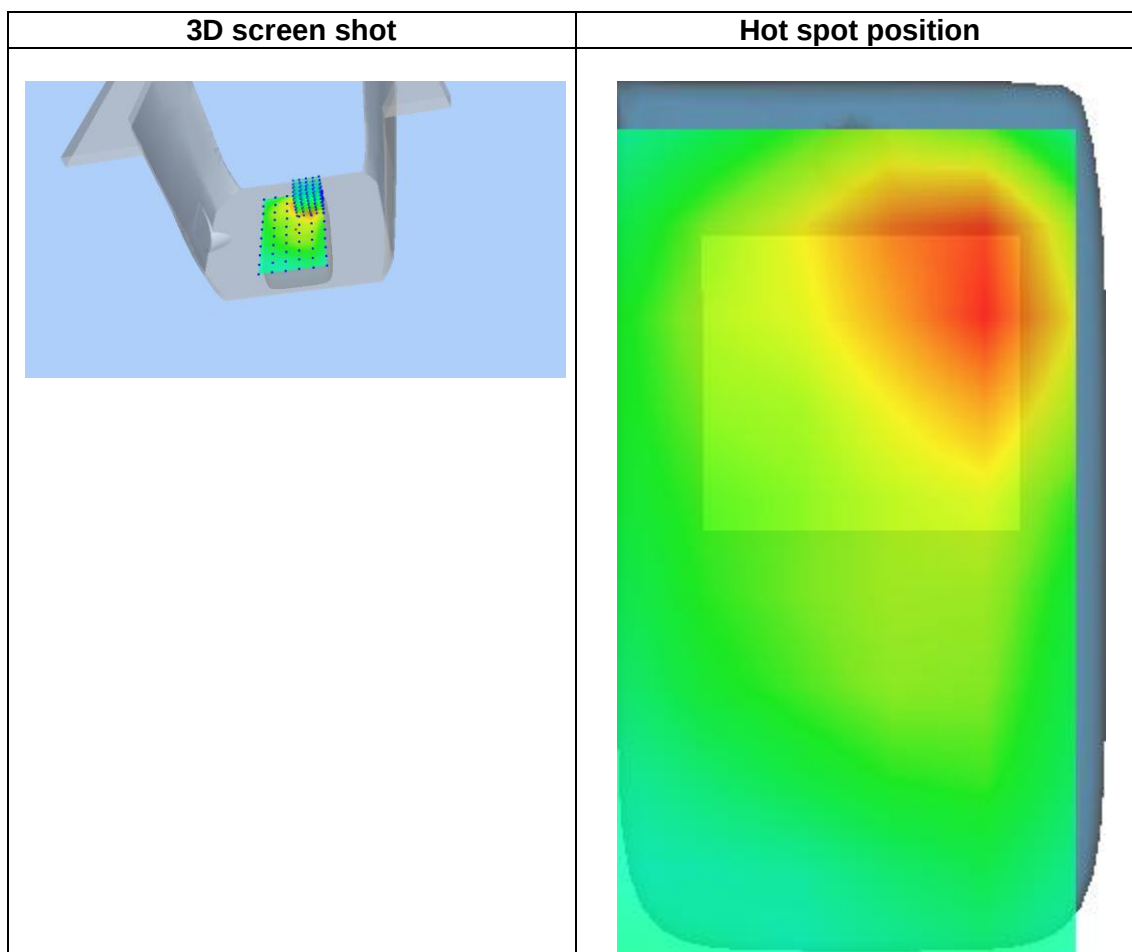
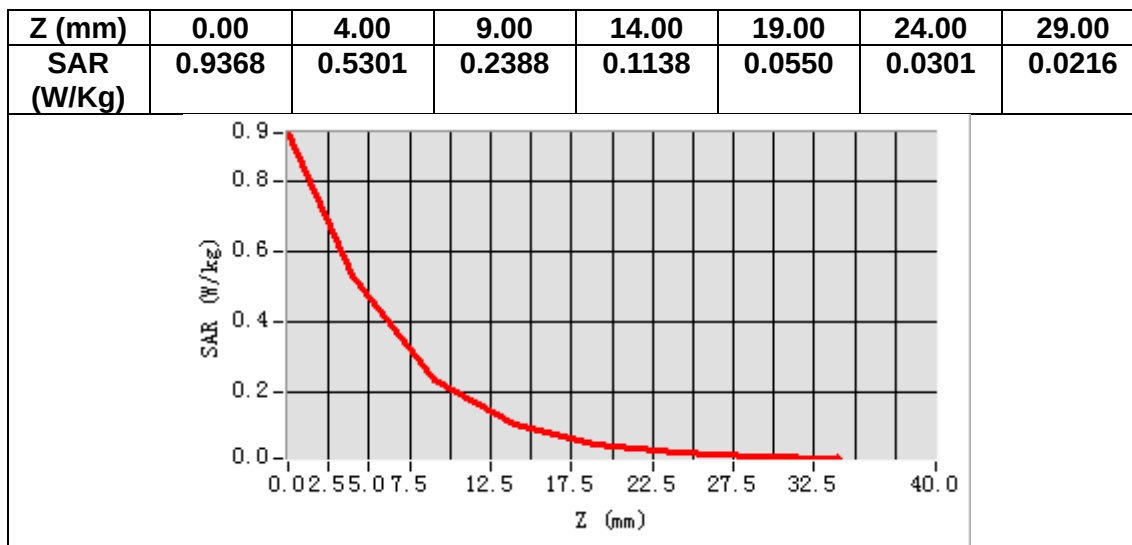
SURFACE SAR



Maximum location: X=19.00, Y=36.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.258719
SAR 1g (W/Kg)	0.533445



MEASUREMENT 7

Date of measurement: 28/8/2024

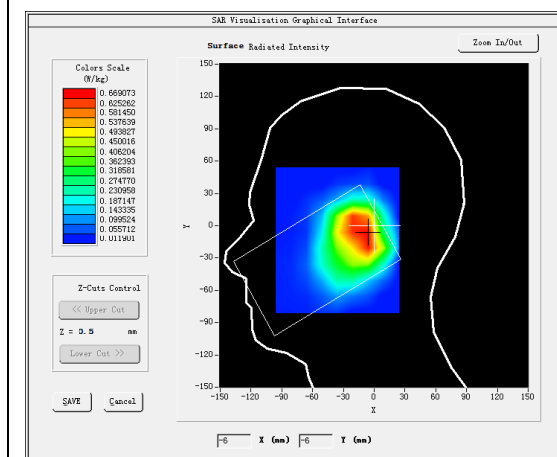
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

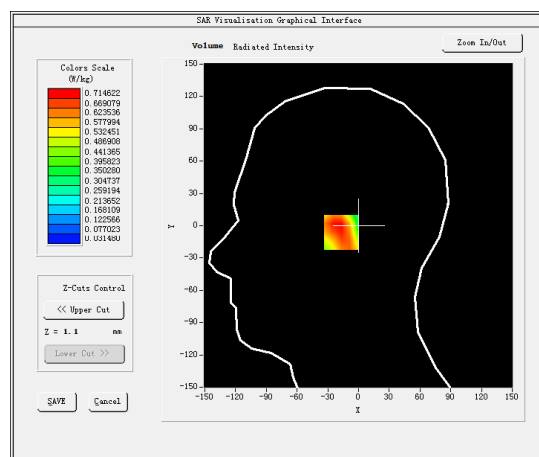
B. SAR Measurement Results

Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.927628
Relative permittivity (imaginary part)	13.811947
Conductivity (S/m)	1.329016
Variation (%)	-1.390000

SURFACE SAR



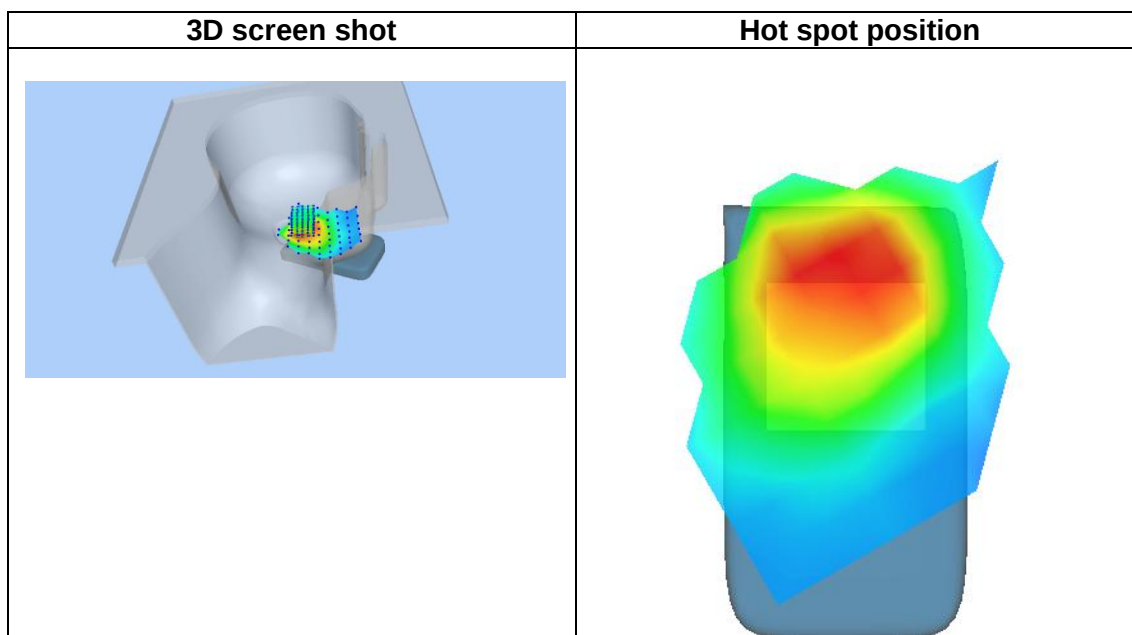
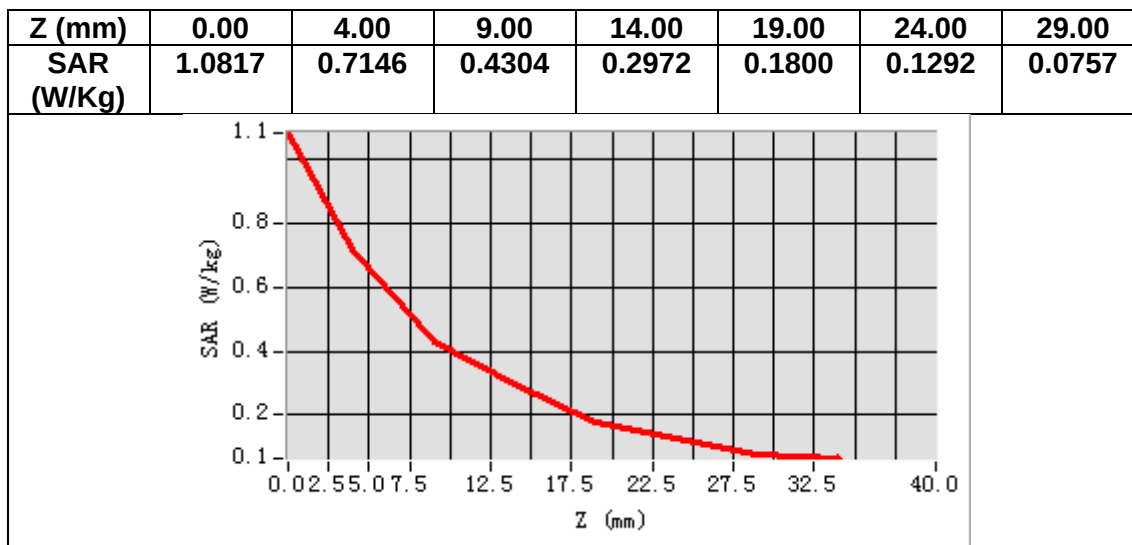
VOLUME SAR



Maximum location: X=-11.00, Y=-6.00

SAR Peak: 1.03 W/kg

SAR 10g (W/Kg)	0.438876
SAR 1g (W/Kg)	0.692921



MEASUREMENT 8

Date of measurement: 28/8/2024

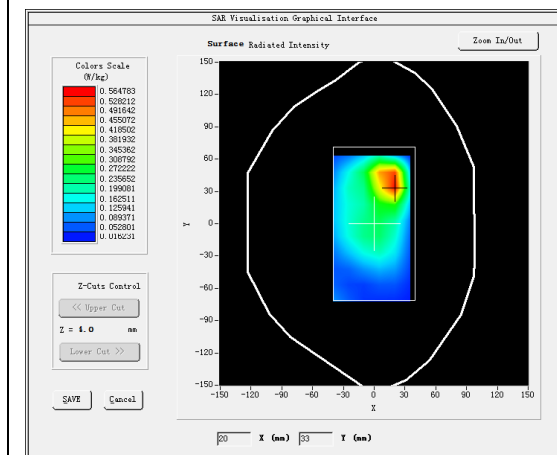
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band4 WCDMA1700</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

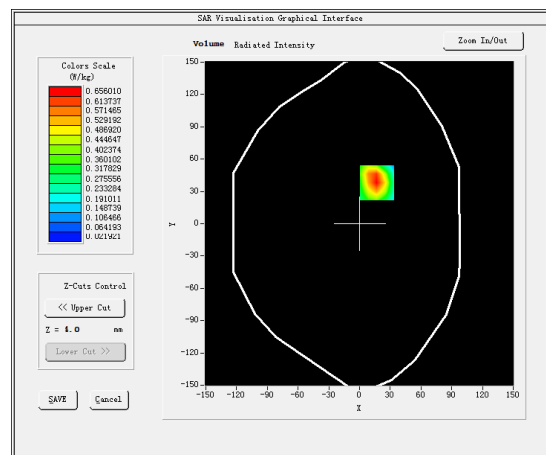
B. SAR Measurement Results

Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.927628
Relative permittivity (imaginary part)	13.811947
Conductivity (S/m)	1.329016
Variation (%)	0.200000

SURFACE SAR



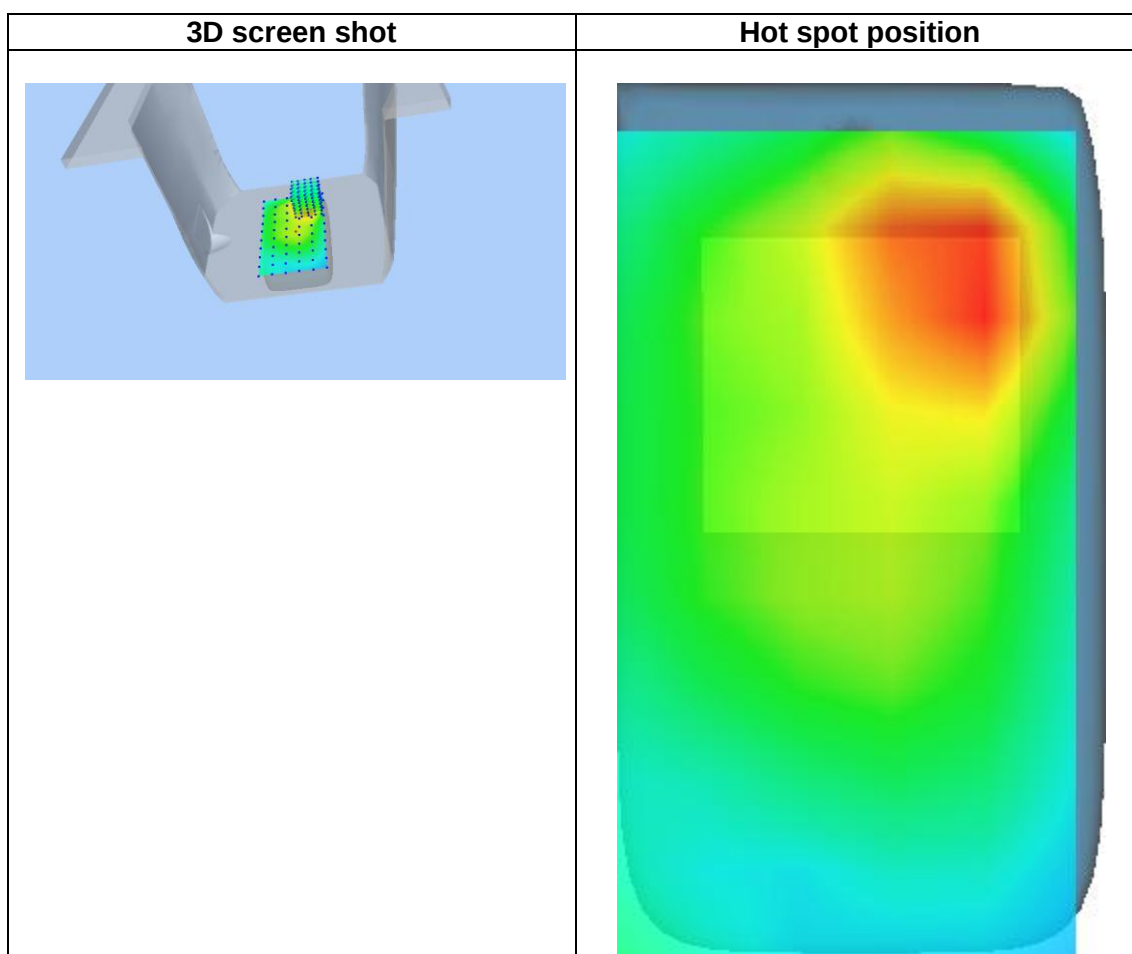
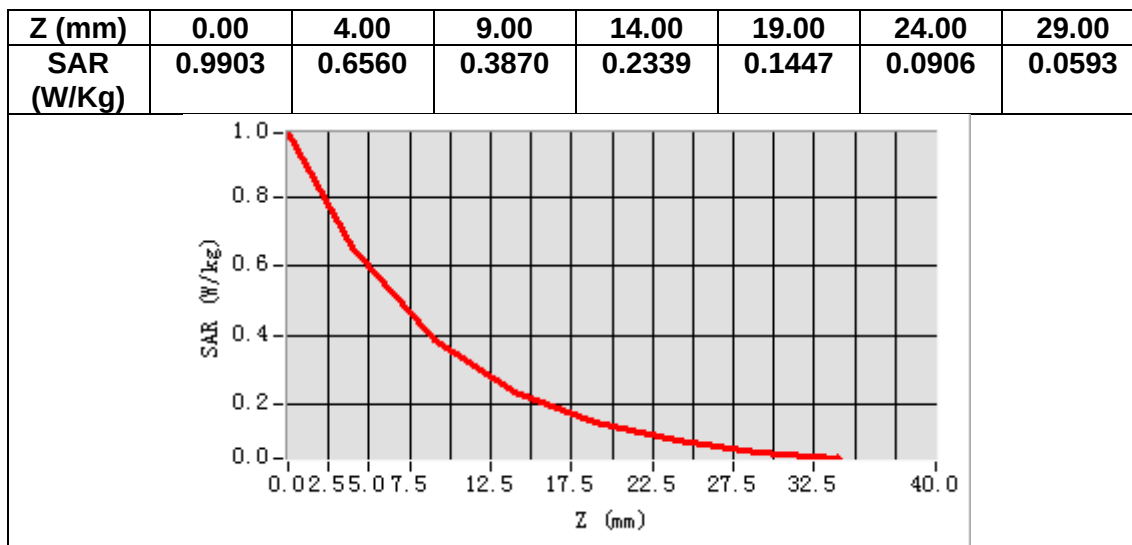
VOLUME SAR



Maximum location: X=17.00, Y=38.00

SAR Peak: 1.03 W/kg

SAR 10g (W/Kg)	0.337070
SAR 1g (W/Kg)	0.623652



MEASUREMENT 9

Date of measurement: 30/8/2024

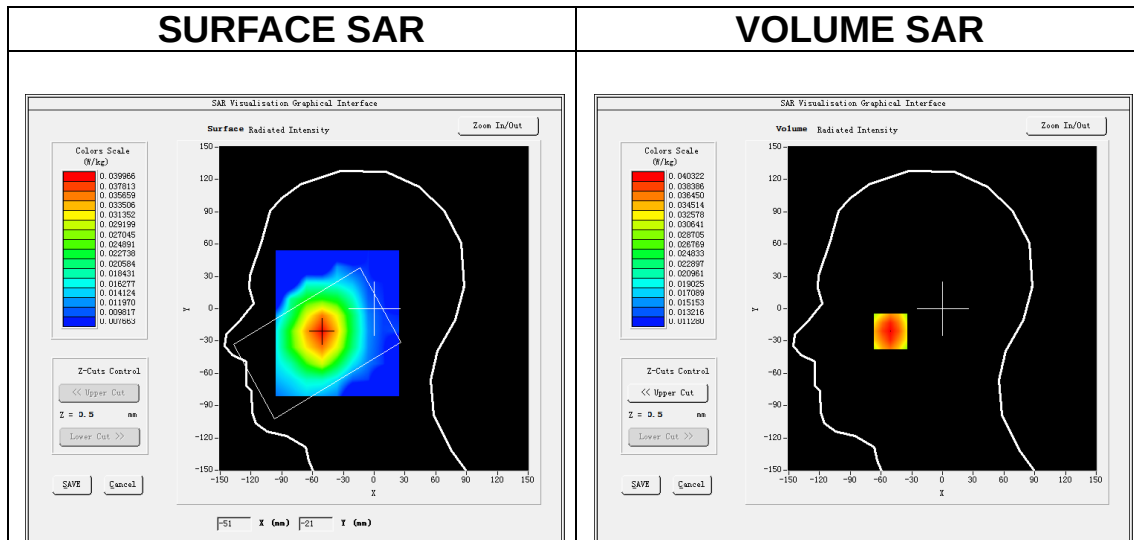
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	43.085022
Relative permittivity (imaginary part)	19.124599
Conductivity (S/m)	0.888656
Variation (%)	-1.850000

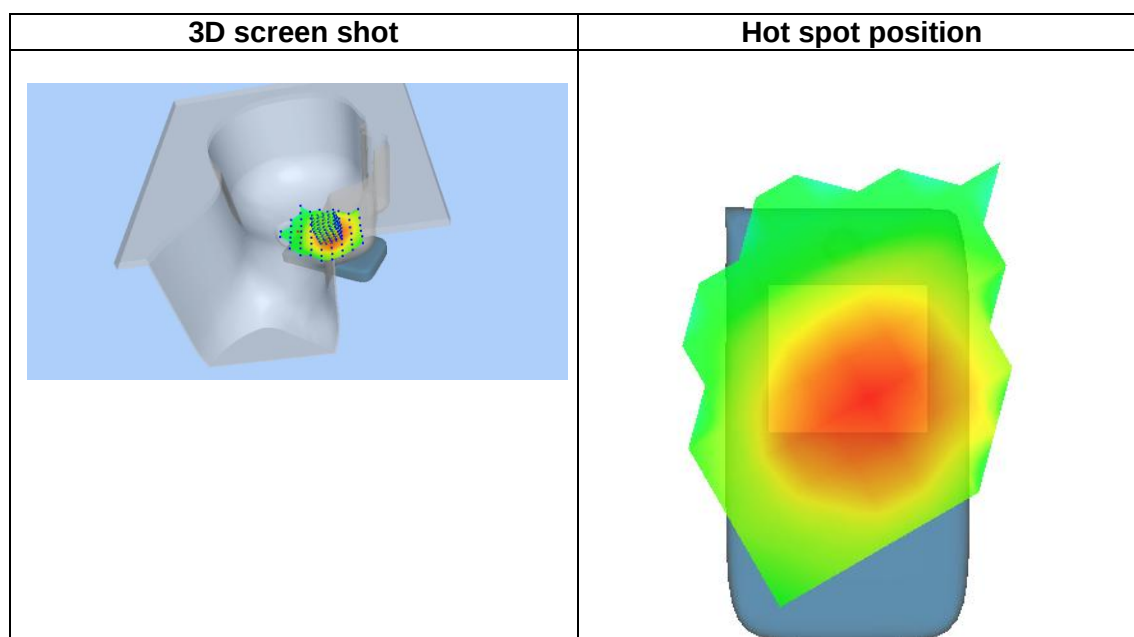
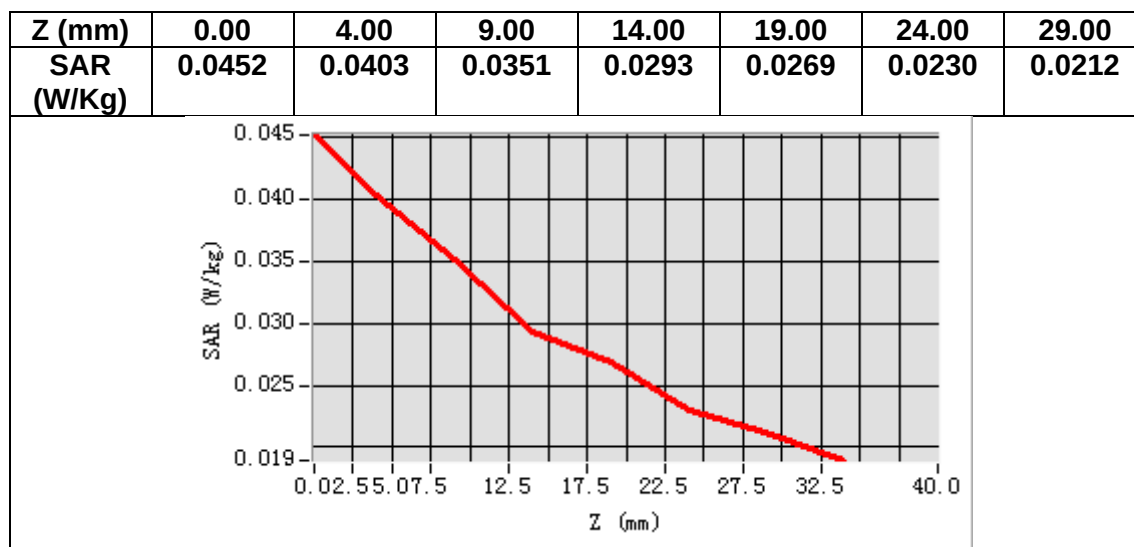
SURFACE SAR



Maximum location: X=-51.00, Y=-21.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.031907
SAR 1g (W/Kg)	0.039575



MEASUREMENT 10

Date of measurement: 30/8/2024

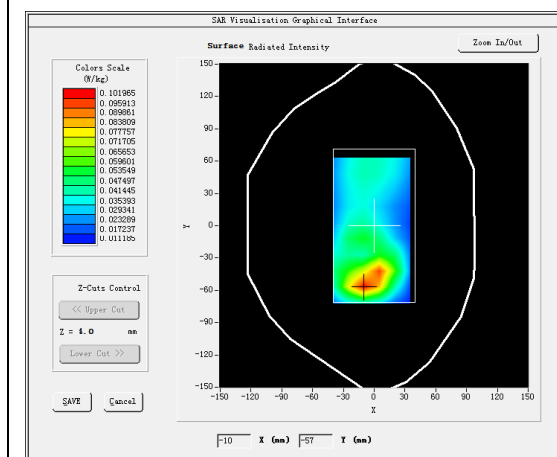
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

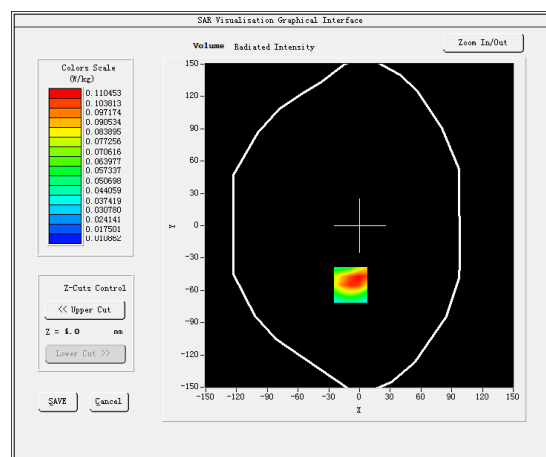
B. SAR Measurement Results

Frequency (MHz)	836.400000
Relative permittivity (real part)	43.085022
Relative permittivity (imaginary part)	19.124599
Conductivity (S/m)	0.888656
Variation (%)	-0.890000

SURFACE SAR



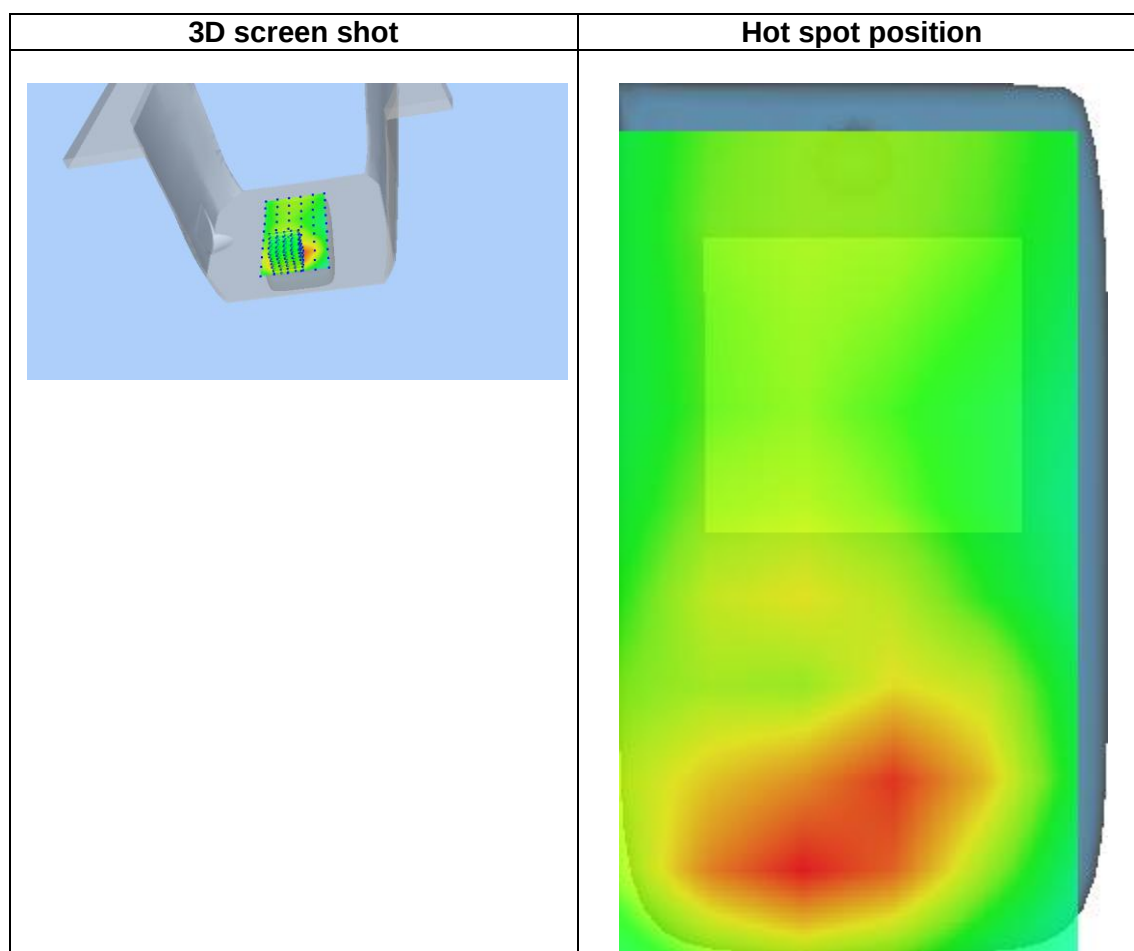
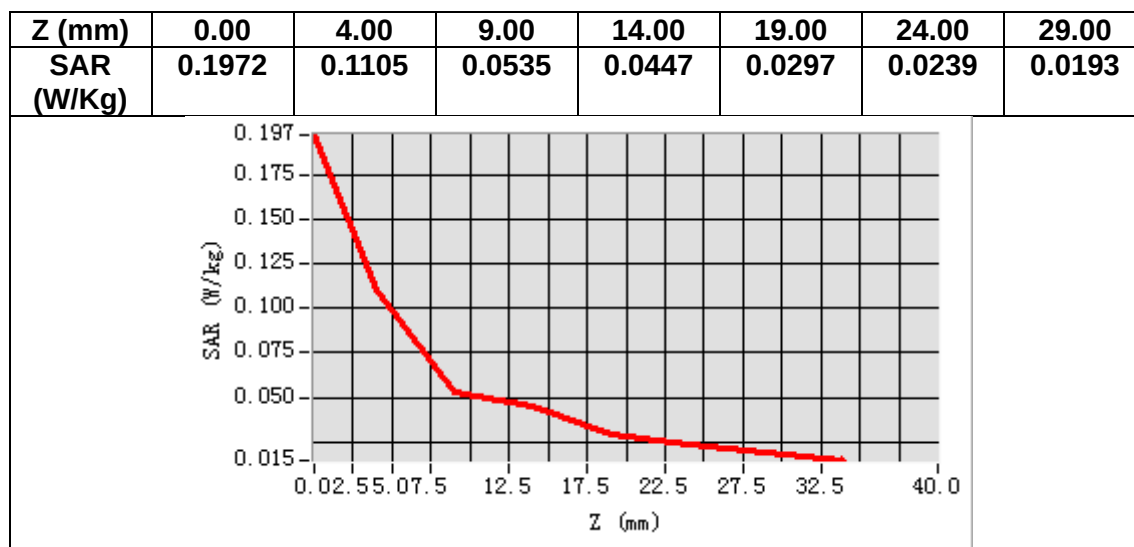
VOLUME SAR



Maximum location: X=-9.00, Y=-55.00

SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.064818
SAR 1g (W/Kg)	0.108760



MEASUREMENT 11

Date of measurement: 3/9/2024

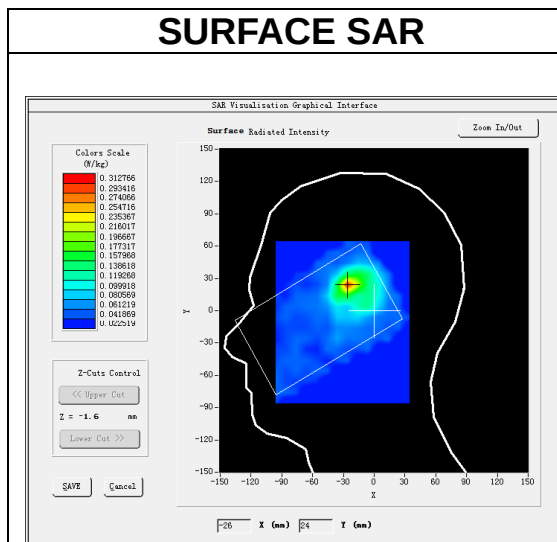
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.07</u>

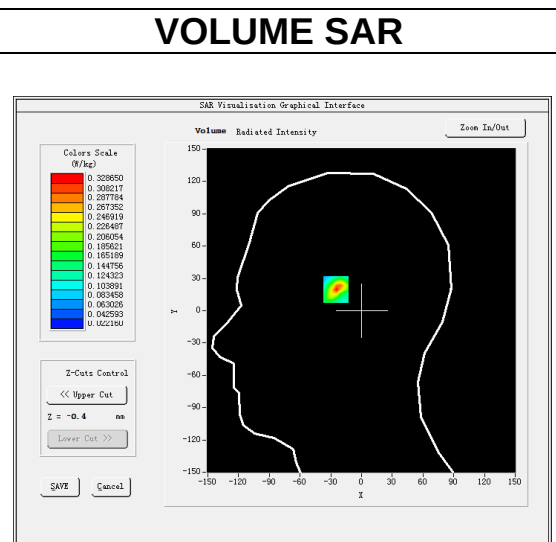
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.894737
Relative permittivity (imaginary part)	15.877389
Conductivity (S/m)	4.586801
Variation (%)	-2.280000

SURFACE SAR



VOLUME SAR

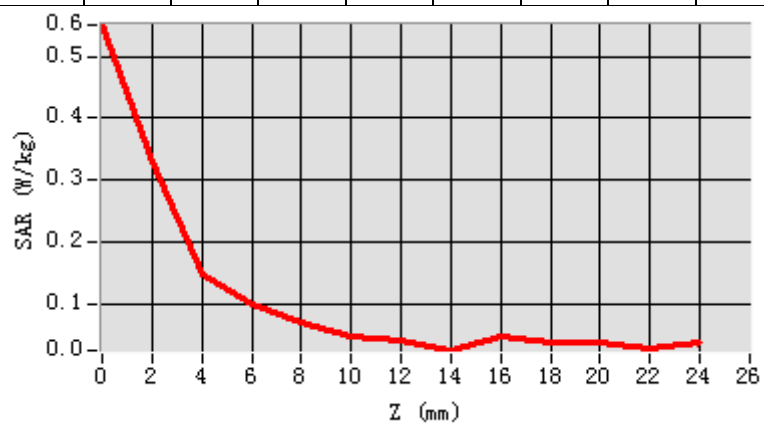


Maximum location: X=-25.00, Y=24.00

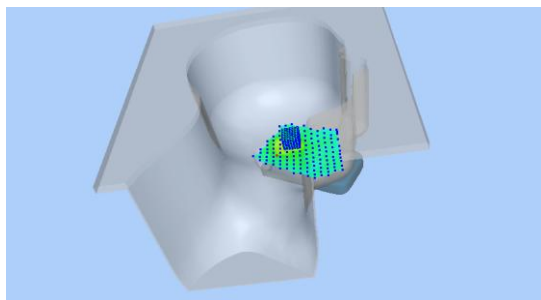
SAR Peak: 0.87 W/kg

SAR 10g (W/Kg)	0.118597
SAR 1g (W/Kg)	0.295682

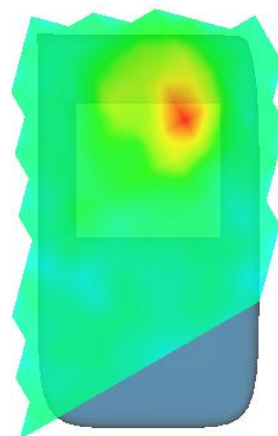
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SA R (W/ Kg)	0.55 09	0.32 86	0.14 81	0.09 69	0.06 77	0.04 77	0.04 06	0.02 37	0.04 64	0.03 70	0.03 69	0.02 85



3D screen shot



Hot spot position



MEASUREMENT 12

Date of measurement: 4/9/2024

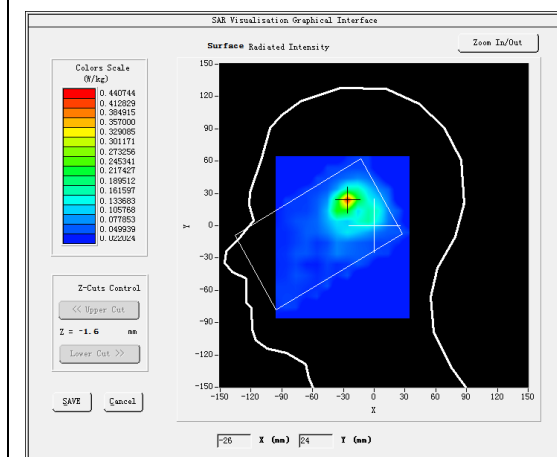
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.11</u>

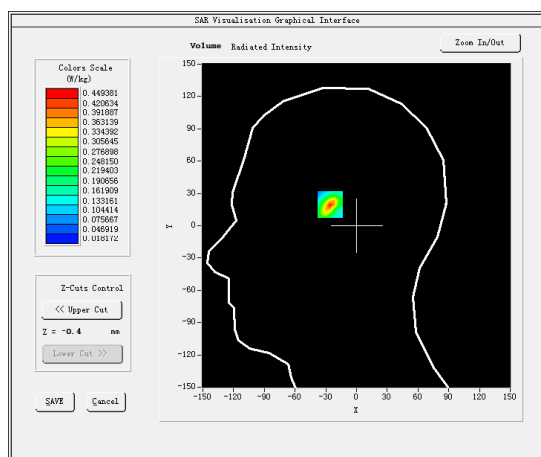
B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	1.790000

SURFACE SAR



VOLUME SAR

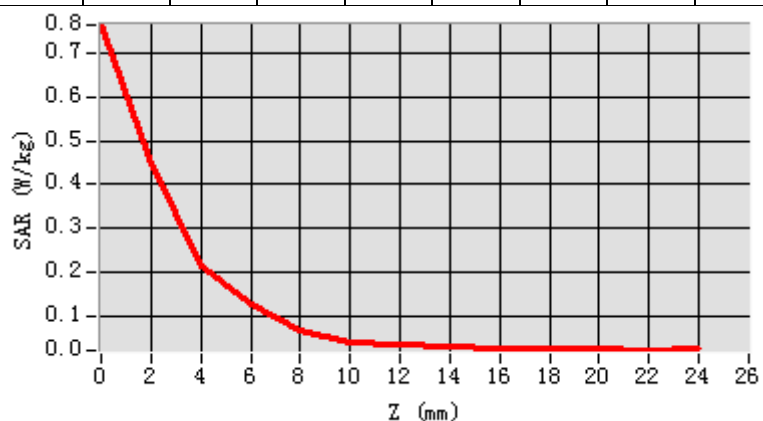


Maximum location: X=-26.00, Y=24.00

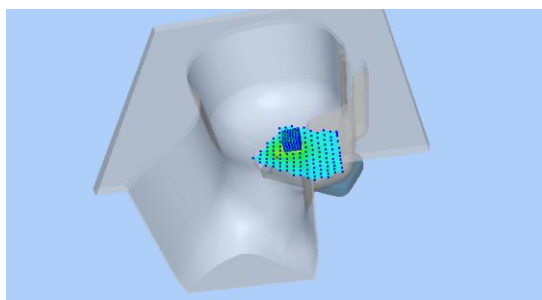
SAR Peak: 1.22 W/kg

SAR 10g (W/Kg)	0.145153
SAR 1g (W/Kg)	0.398446

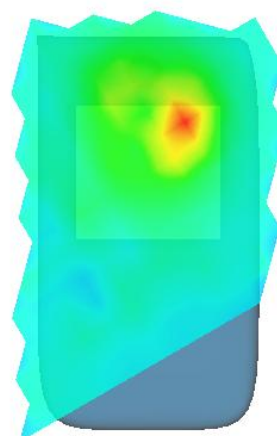
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.76 26	0.44 94	0.21 45	0.12 59	0.07 06	0.04 22	0.03 81	0.03 05	0.02 85	0.02 90	0.02 79	0.02 31



3D screen shot



Hot spot position



MEASUREMENT 13

Date of measurement: 5/9/2024

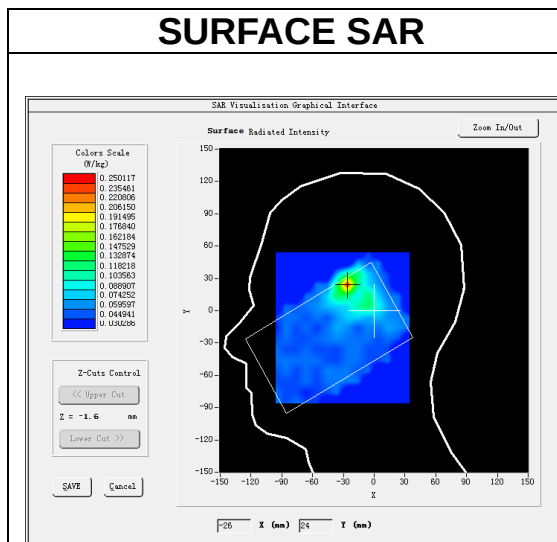
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.20</u>

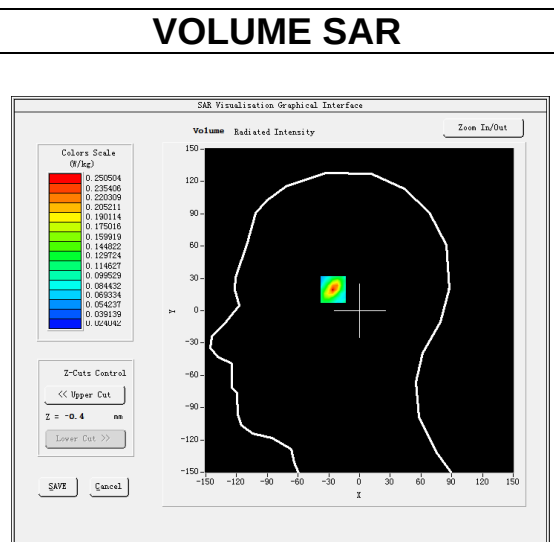
B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative permittivity (real part)	36.009037
Relative permittivity (imaginary part)	16.319609
Conductivity (S/m)	5.077212
Variation (%)	-0.680000

SURFACE SAR



VOLUME SAR

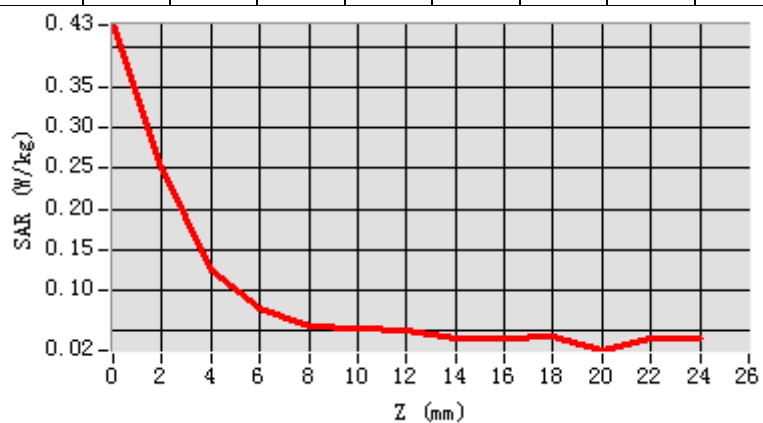


Maximum location: X=-26.00, Y=24.00

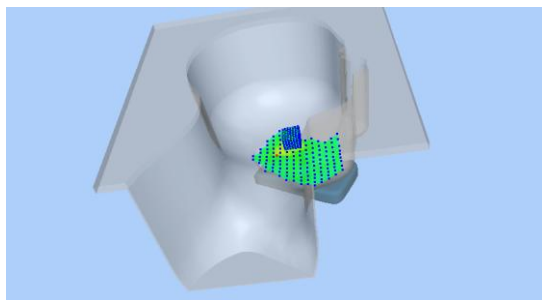
SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.095190
SAR 1g (W/Kg)	0.232477

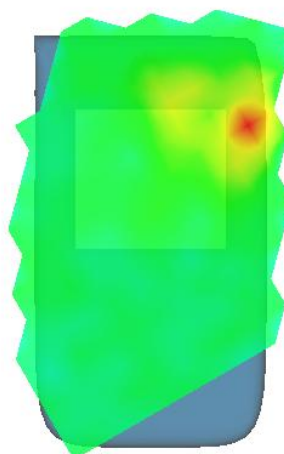
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/ Kg)	0.42 80	0.25 05	0.12 40	0.07 77	0.05 51	0.05 09	0.05 01	0.03 89	0.03 92	0.04 06	0.02 44	0.03 94



3D screen shot



Hot spot position



MEASUREMENT 14

Date of measurement: 6/9/2024

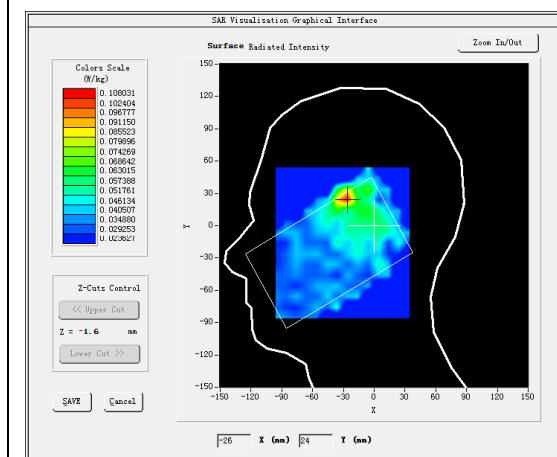
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.04</u>

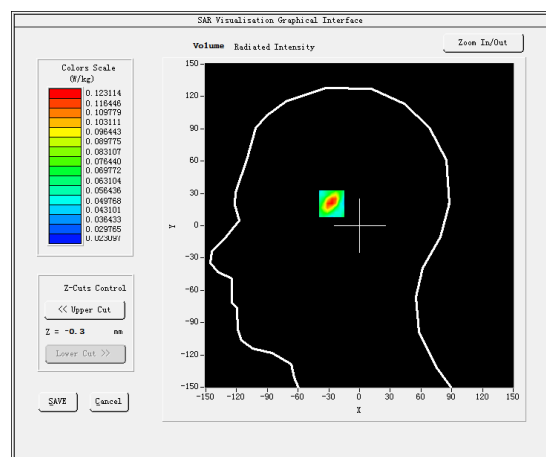
B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	35.500973
Relative permittivity (imaginary part)	15.764122
Conductivity (S/m)	5.066414
Variation (%)	-4.840000

SURFACE SAR



VOLUME SAR

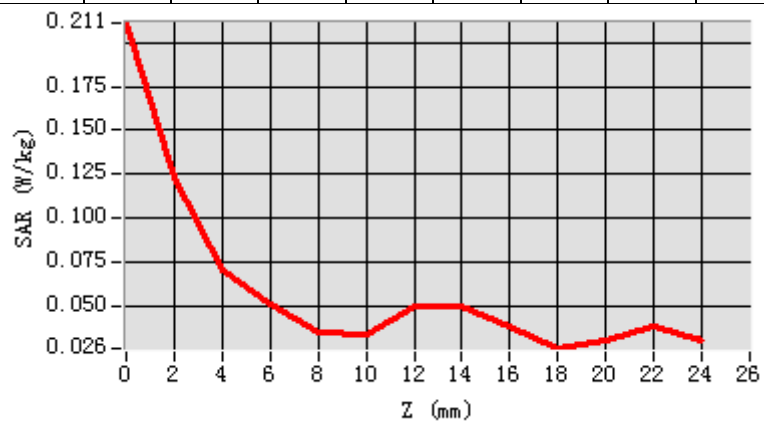


Maximum location: X=-27.00, Y=25.00

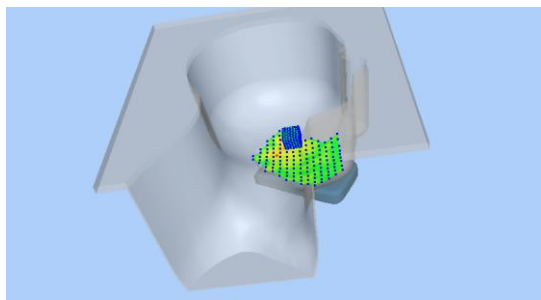
SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.056614
SAR 1g (W/Kg)	0.120807

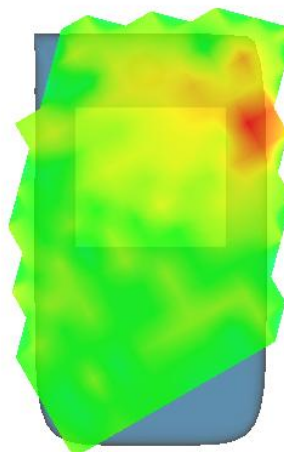
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SA R (W/ Kg)	0.21 13	0.12 31	0.07 04	0.05 14	0.03 43	0.03 35	0.04 92	0.04 95	0.03 79	0.02 56	0.02 99	0.03 82



3D screen shot



Hot spot position



MEASUREMENT 15

Date of measurement: 3/9/2024

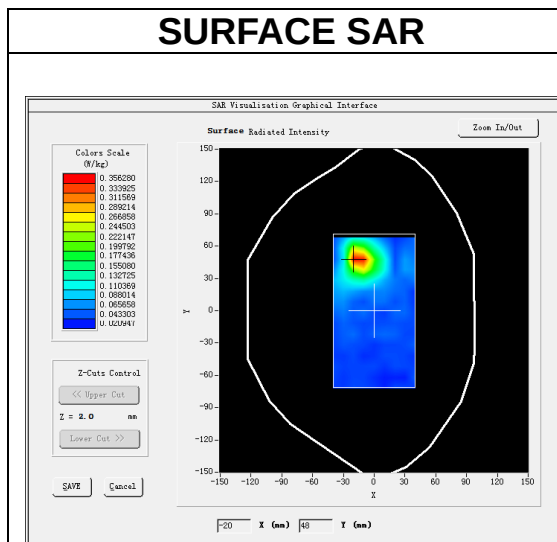
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.07</u>

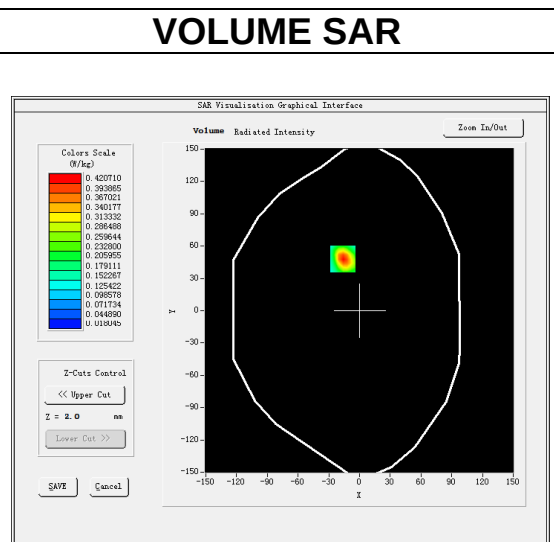
B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.894737
Relative permittivity (imaginary part)	15.877389
Conductivity (S/m)	4.586801
Variation (%)	3.480000

SURFACE SAR



VOLUME SAR

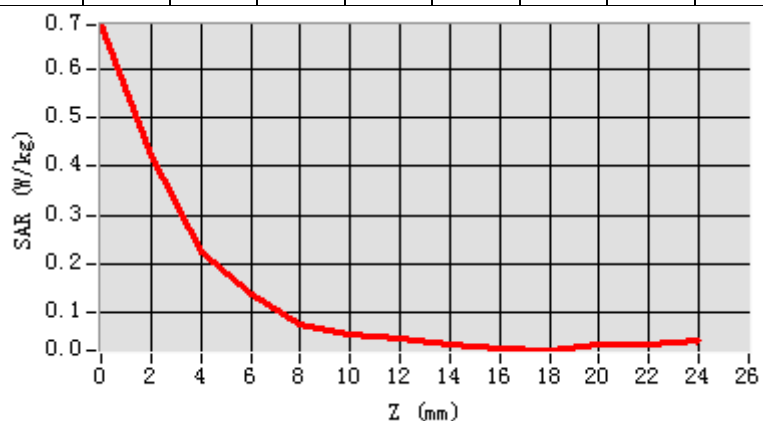


Maximum location: X=-16.00, Y=48.00

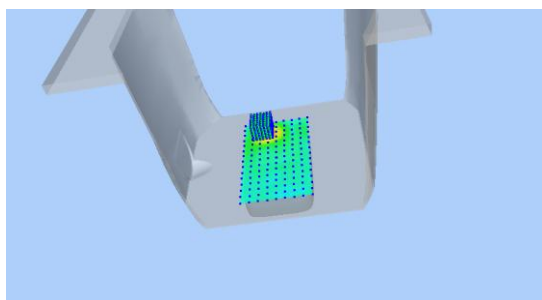
SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.106690
SAR 1g (W/Kg)	0.248836

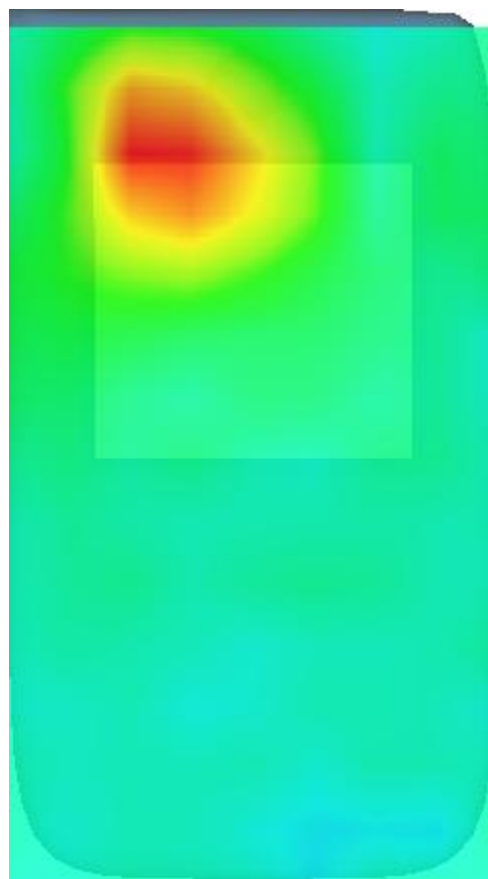
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.68 94	0.42 07	0.22 47	0.13 65	0.07 67	0.05 72	0.04 75	0.03 60	0.02 78	0.02 28	0.03 52	0.03 44



3D screen shot



Hot spot position



MEASUREMENT 16

Date of measurement: 4/9/2024

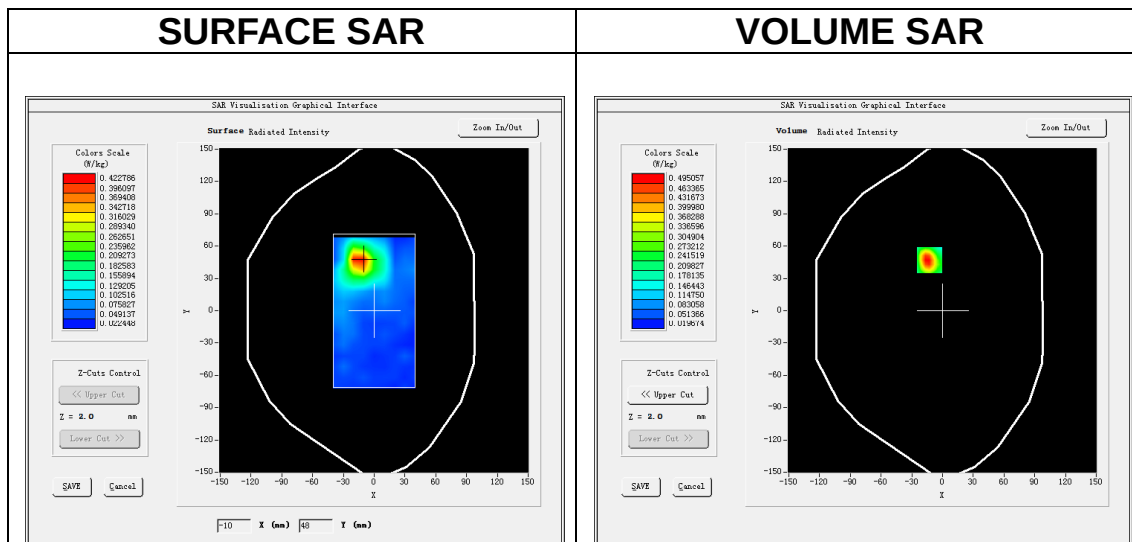
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.11</u>

B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	2.850000

SURFACE SAR

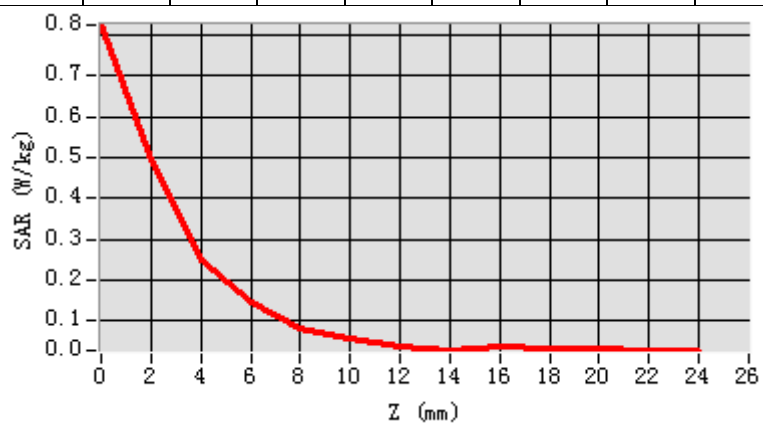


Maximum location: X=-13.00, Y=47.00

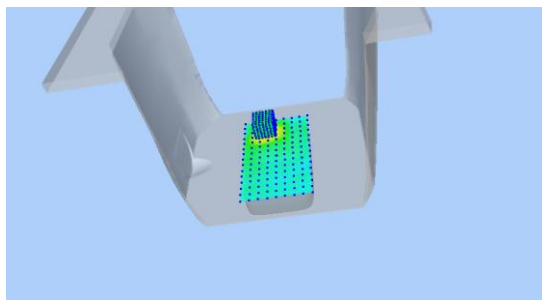
SAR Peak: 0.90 W/kg

SAR 10g (W/Kg)	0.121075
SAR 1g (W/Kg)	0.293149

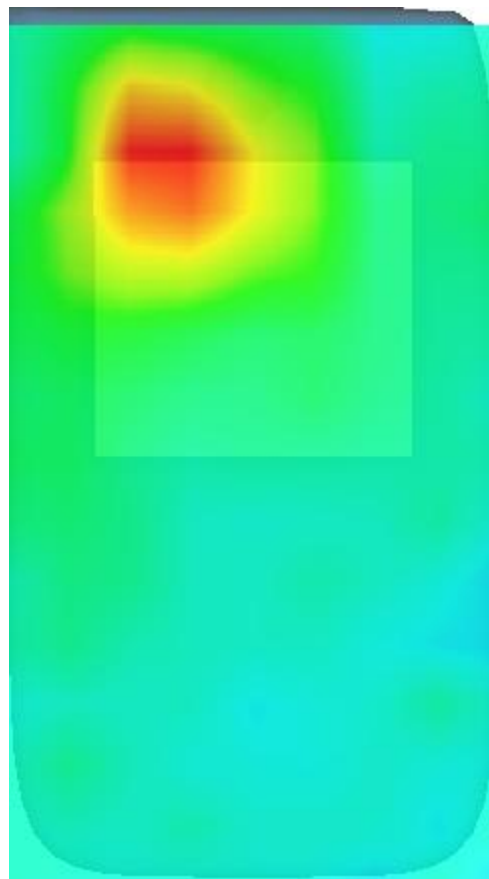
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.82 37	0.49 51	0.24 91	0.14 41	0.08 26	0.05 88	0.03 92	0.02 93	0.03 65	0.03 22	0.03 11	0.02 82



3D screen shot



Hot spot position



MEASUREMENT 17

Date of measurement: 5/9/2024

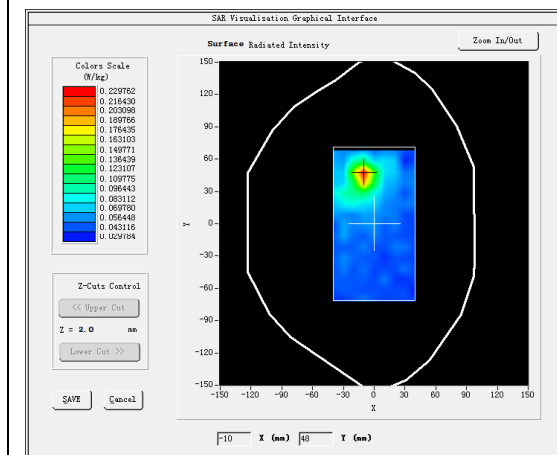
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.20</u>

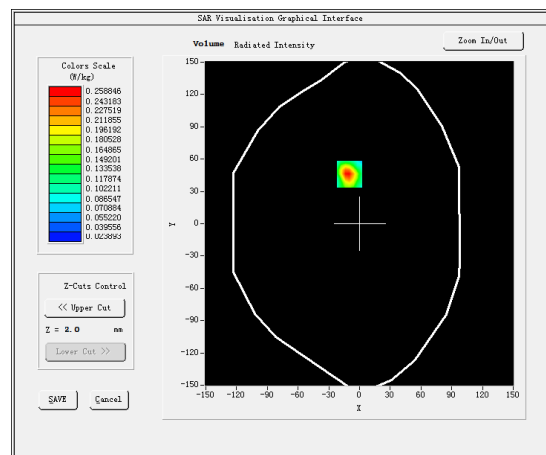
B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative permittivity (real part)	36.009037
Relative permittivity (imaginary part)	16.319609
Conductivity (S/m)	5.077212
Variation (%)	-4.660000

SURFACE SAR



VOLUME SAR

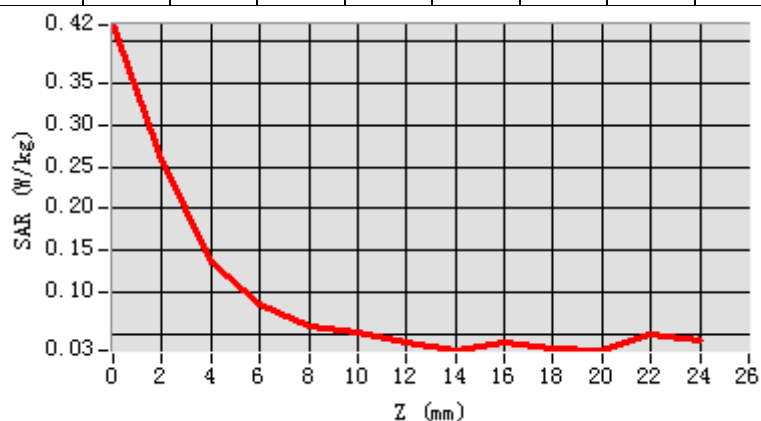


Maximum location: X=-10.00, Y=46.00

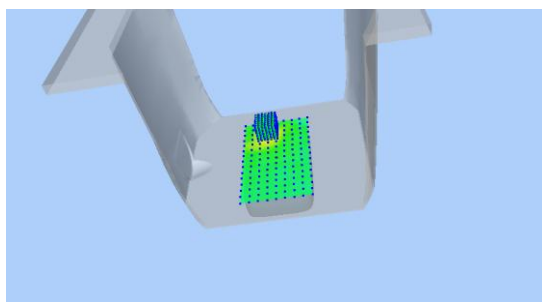
SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.075162
SAR 1g (W/Kg)	0.155385

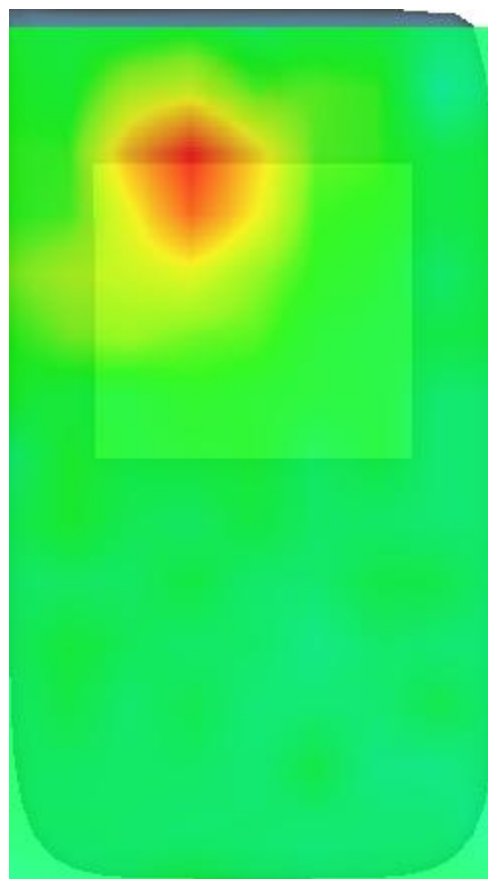
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.42 03	0.25 88	0.13 59	0.08 45	0.05 83	0.05 05	0.04 02	0.02 99	0.04 00	0.03 12	0.02 99	0.04 90



3D screen shot



Hot spot position



MEASUREMENT 18

Date of measurement: 6/9/2024

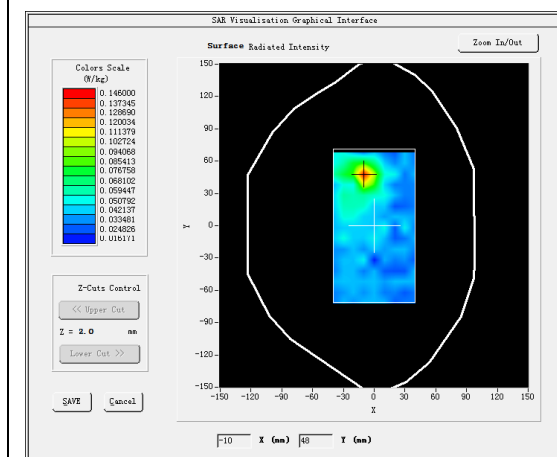
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=10mm dy=10mm, h= 2.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm dz=2mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11a U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.04</u>

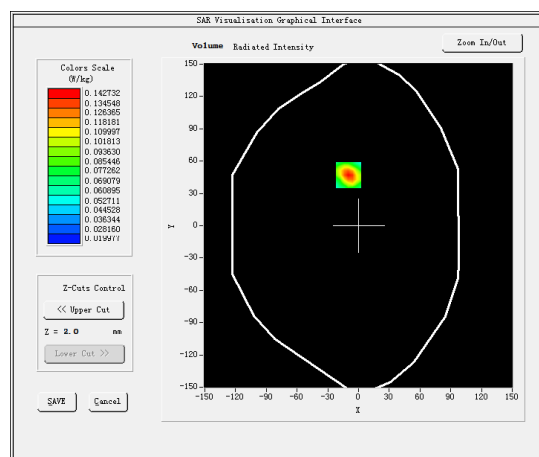
B. SAR Measurement Results

Frequency (MHz)	5785.000000
Relative permittivity (real part)	35.500973
Relative permittivity (imaginary part)	15.764122
Conductivity (S/m)	5.066414
Variation (%)	0.460000

SURFACE SAR



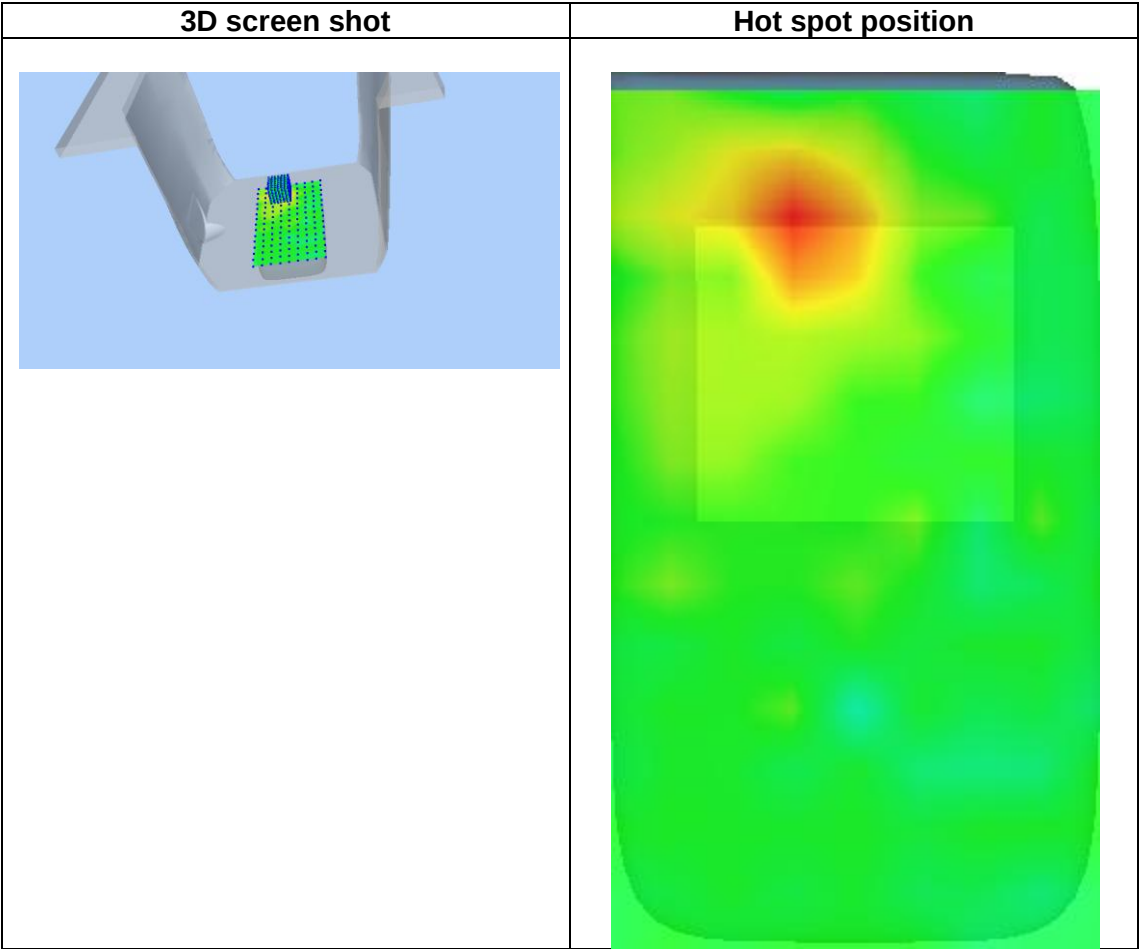
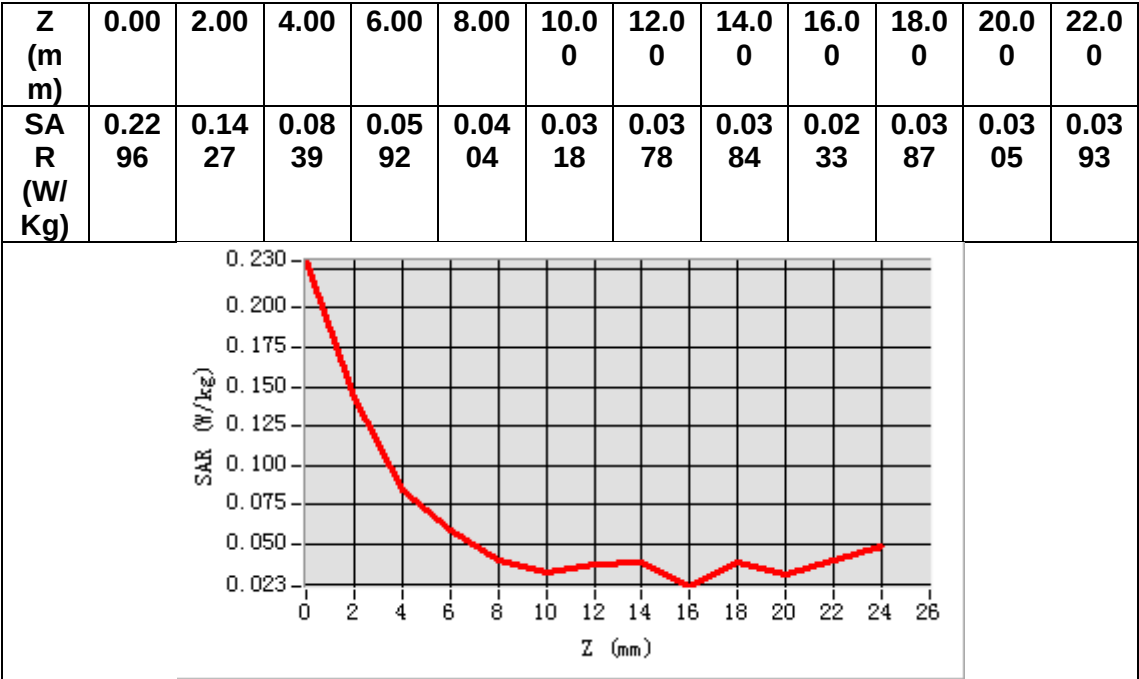
VOLUME SAR



Maximum location: X=-10.00, Y=47.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.051087
SAR 1g (W/Kg)	0.091485



MEASUREMENT 19

Date of measurement: 16/9/2024

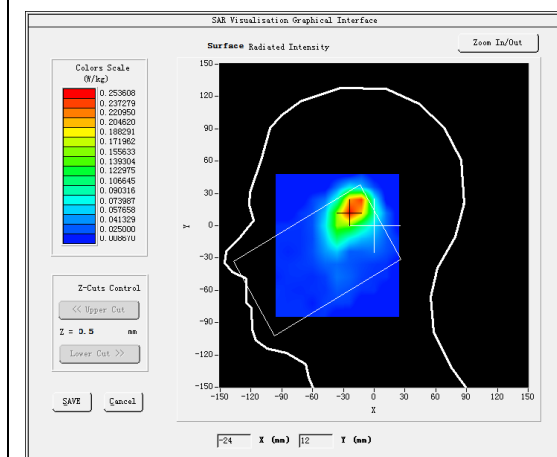
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11b (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.85</u>

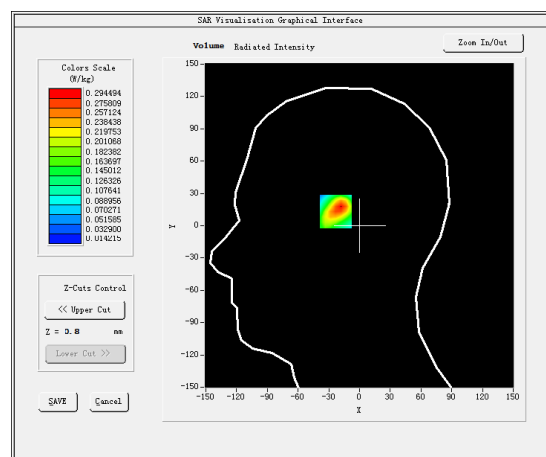
B. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.163013
Relative permittivity (imaginary part)	13.349949
Conductivity (S/m)	1.807435
Variation (%)	0.600000

SURFACE SAR



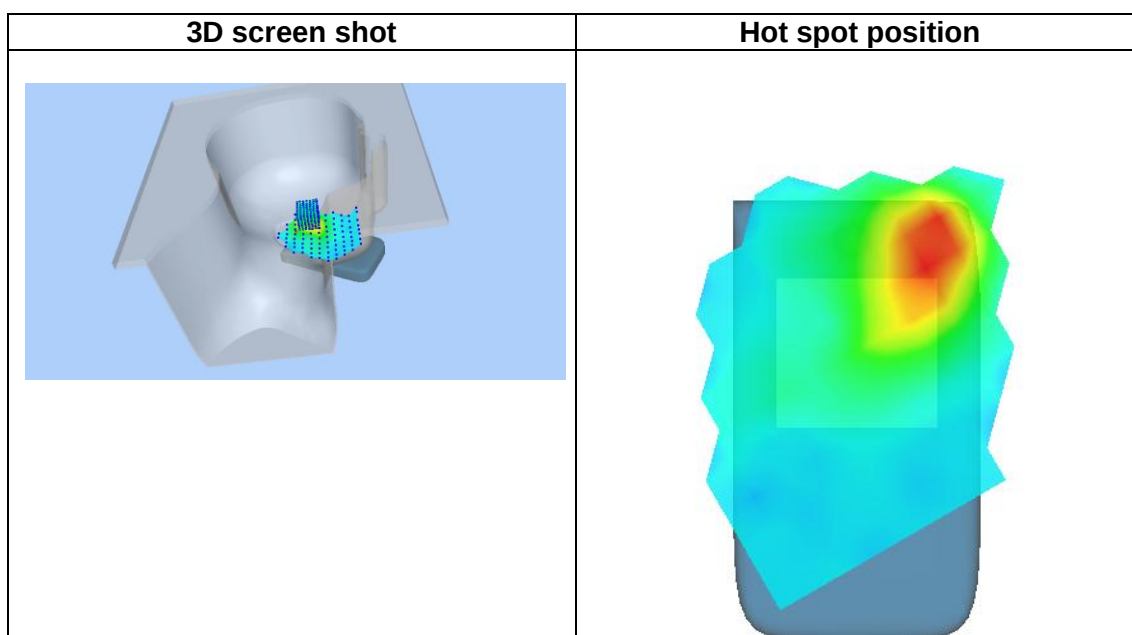
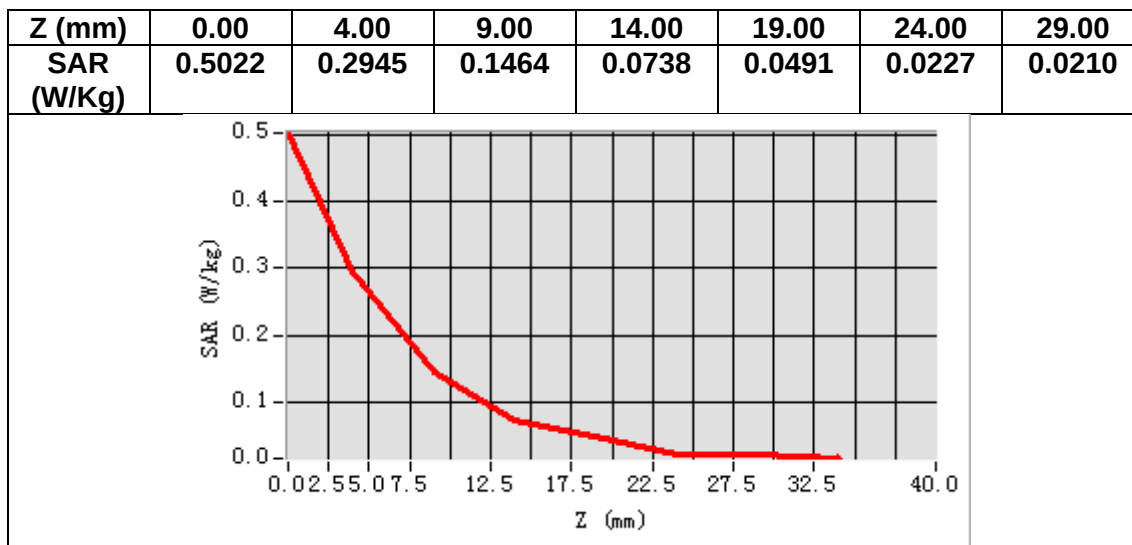
VOLUME SAR



Maximum location: X=-22.00, Y=15.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.131151
SAR 1g (W/Kg)	0.267682



MEASUREMENT 20

Date of measurement: 16/9/2024

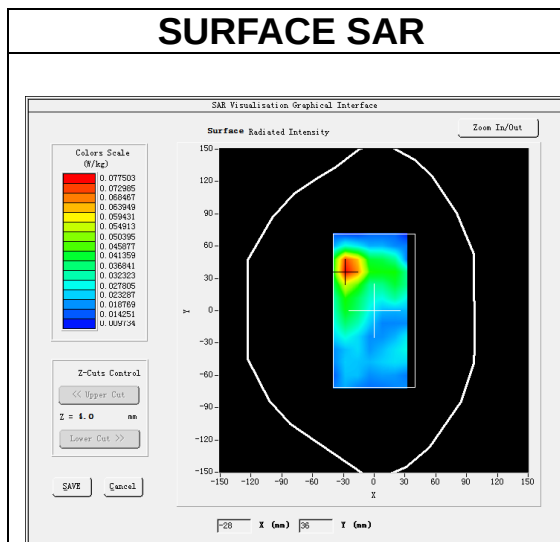
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.11b (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.85</u>

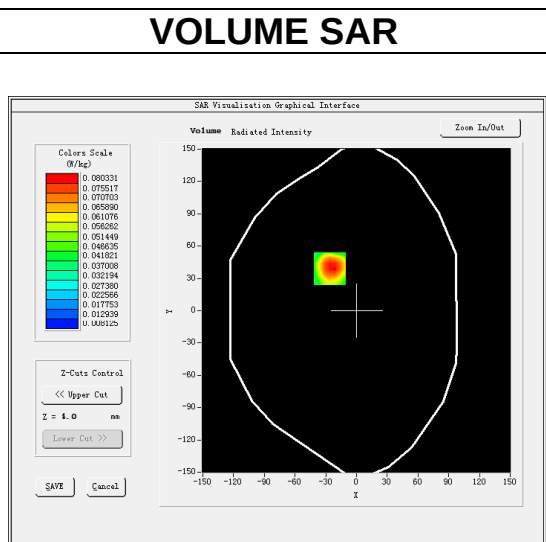
B. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.163013
Relative permittivity (imaginary part)	13.349949
Conductivity (S/m)	1.807435
Variation (%)	2.630000

SURFACE SAR



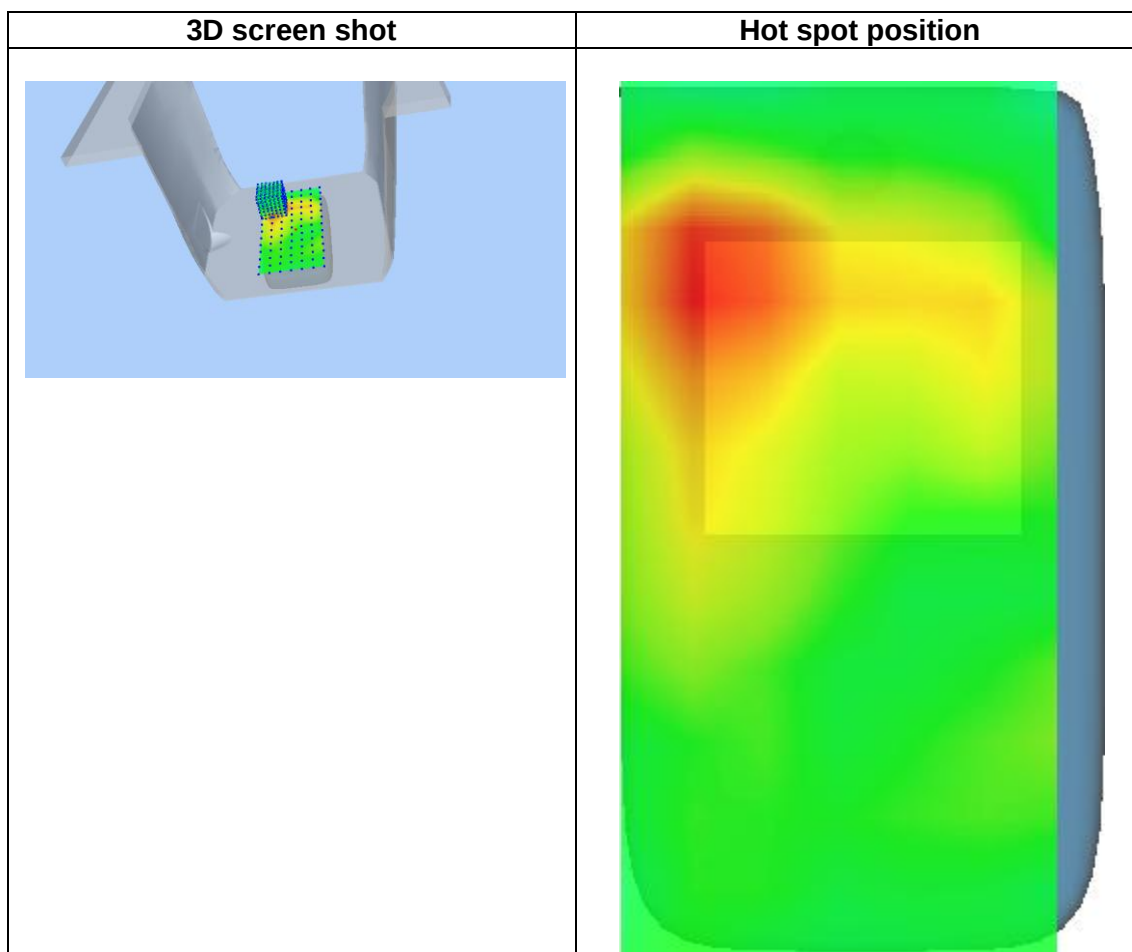
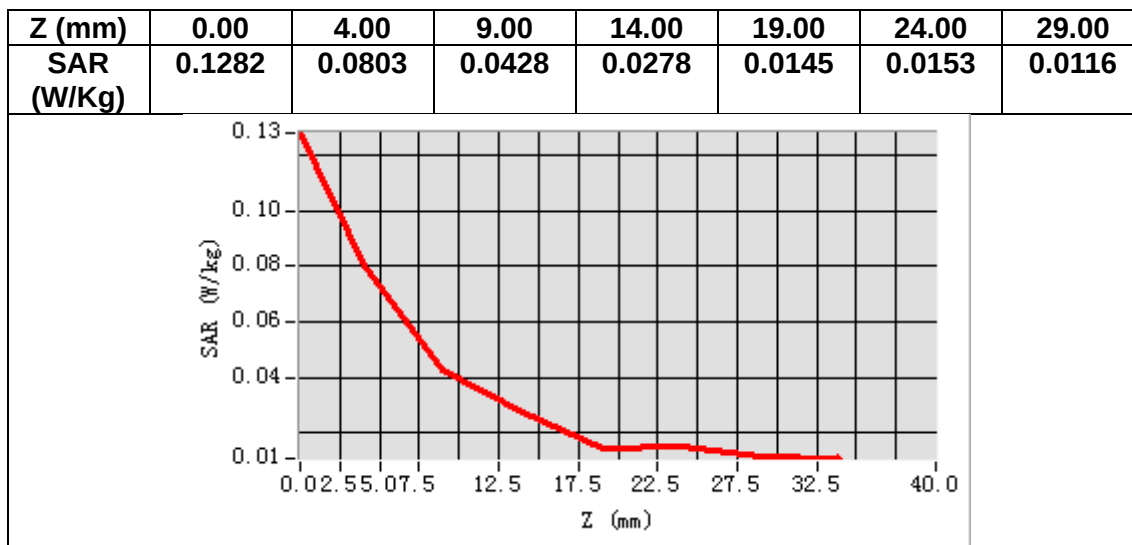
VOLUME SAR



Maximum location: X=-26.00, Y=39.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.043738
SAR 1g (W/Kg)	0.077151



MEASUREMENT 21

Date of measurement: 10/9/2024

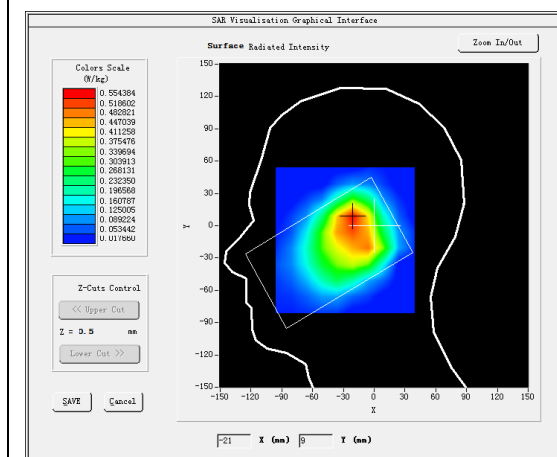
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

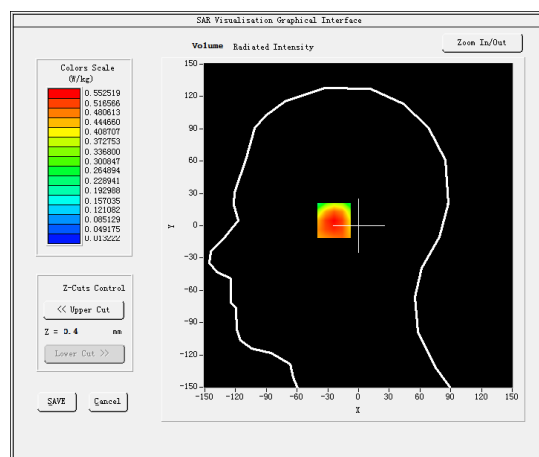
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.674034
Relative permittivity (imaginary part)	13.850845
Conductivity (S/m)	1.446644
Variation (%)	0.390000

SURFACE SAR



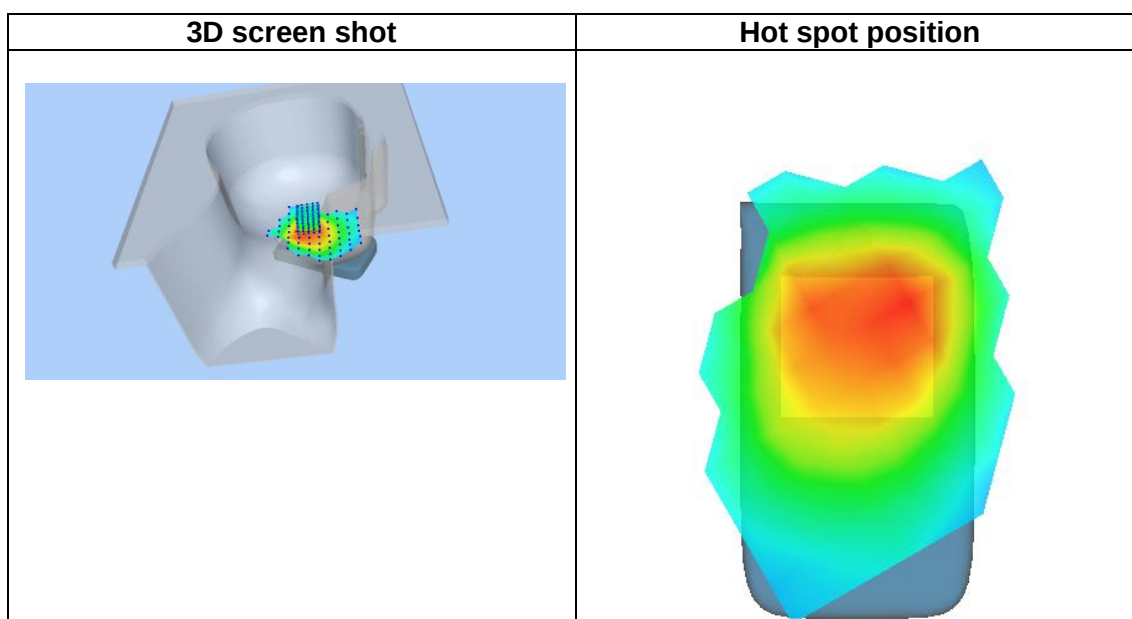
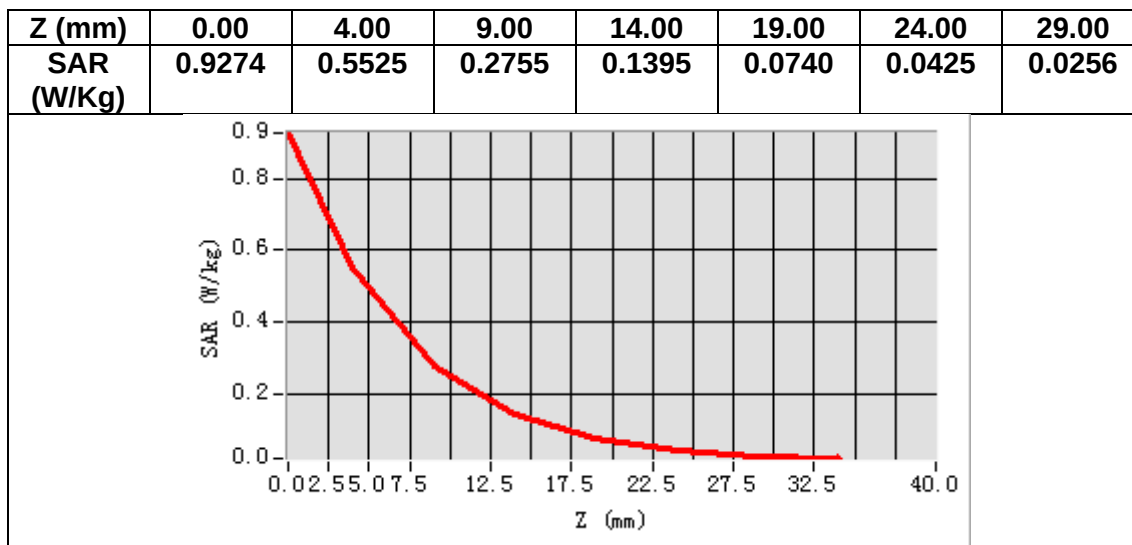
VOLUME SAR



Maximum location: X=-21.00, Y=6.00

SAR Peak: 0.93 W/kg

SAR 10g (W/Kg)	0.295361
SAR 1g (W/Kg)	0.552425



MEASUREMENT 22

Date of measurement: 10/9/2024

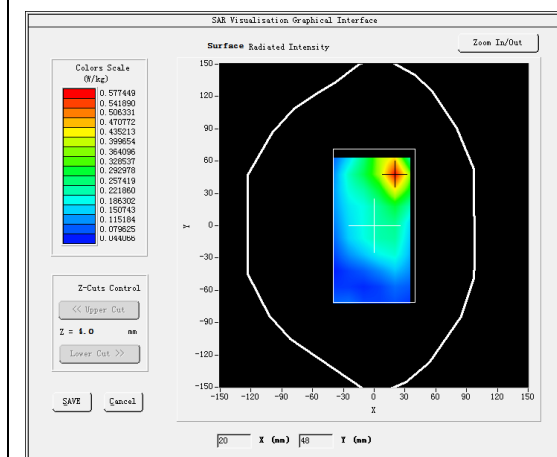
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 2</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

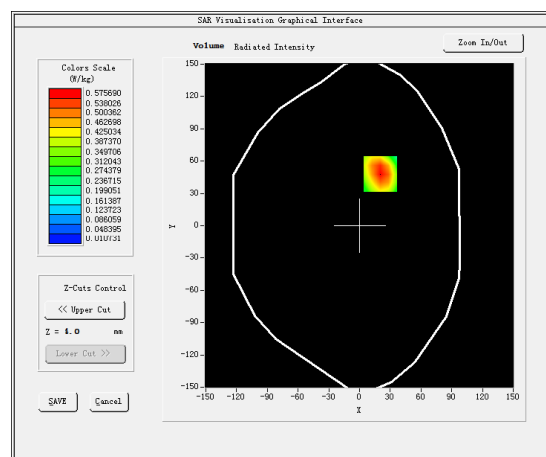
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.674034
Relative permittivity (imaginary part)	13.850845
Conductivity (S/m)	1.446644
Variation (%)	-0.500000

SURFACE SAR



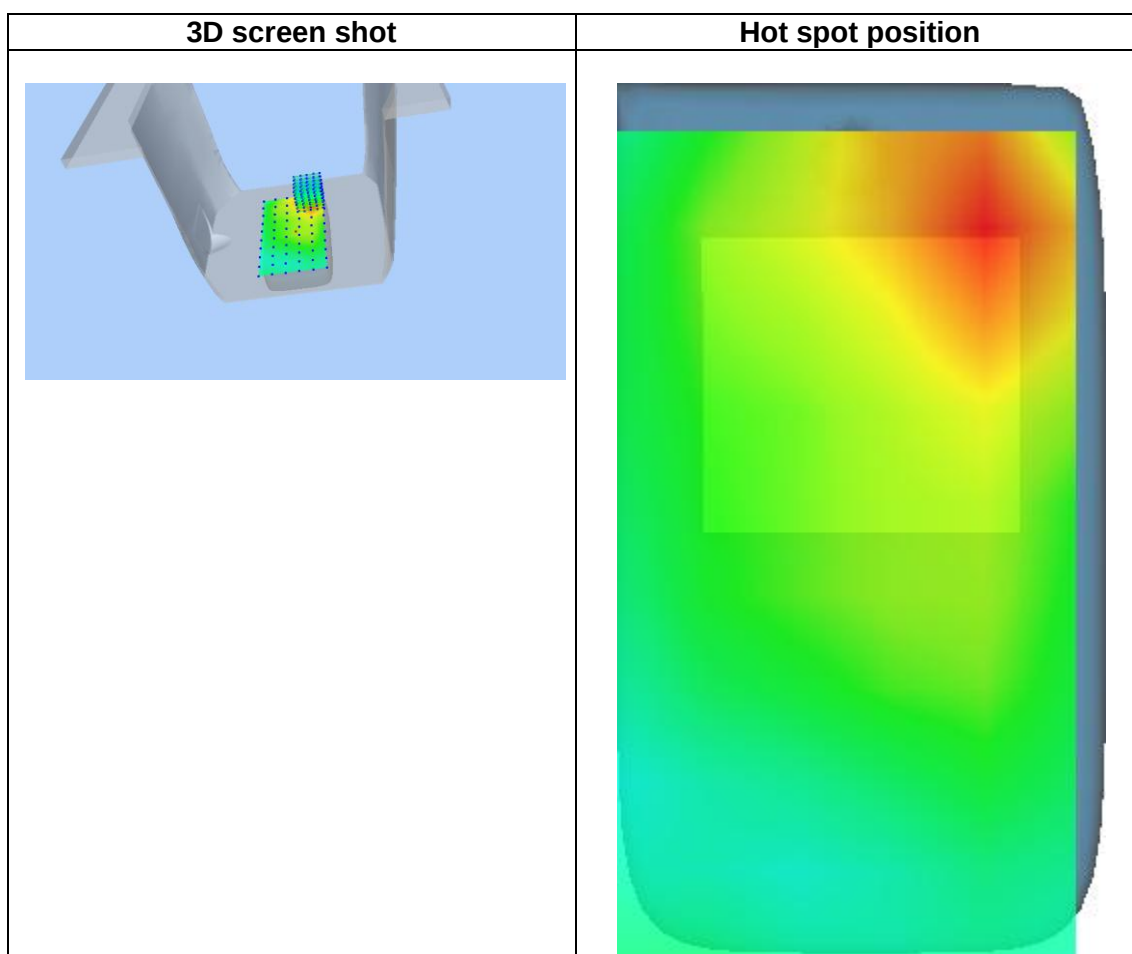
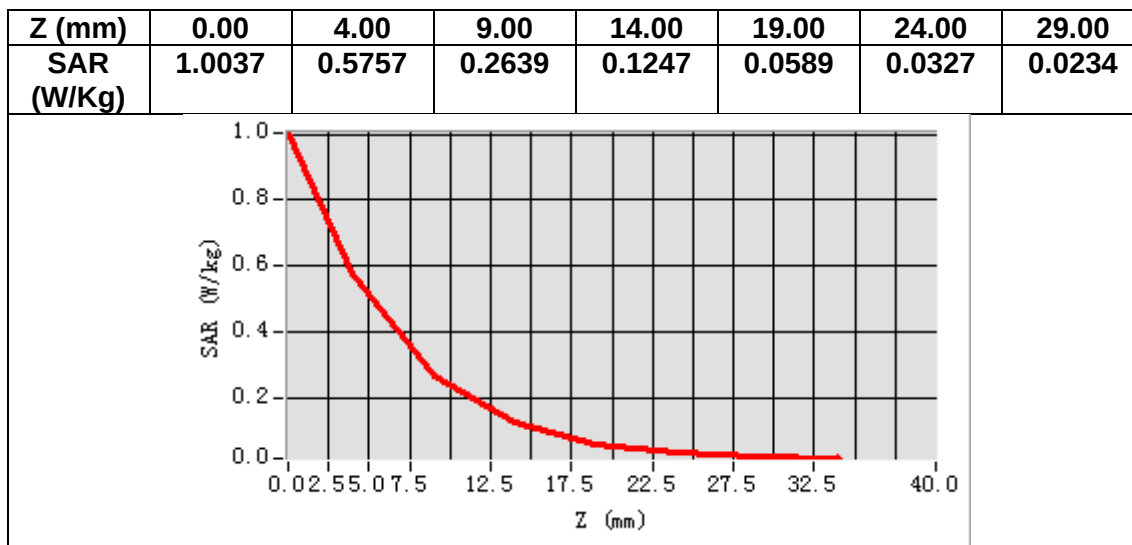
VOLUME SAR



Maximum location: X=20.00, Y=48.00

SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.279562
SAR 1g (W/Kg)	0.573478



MEASUREMENT 23

Date of measurement: 28/8/2024

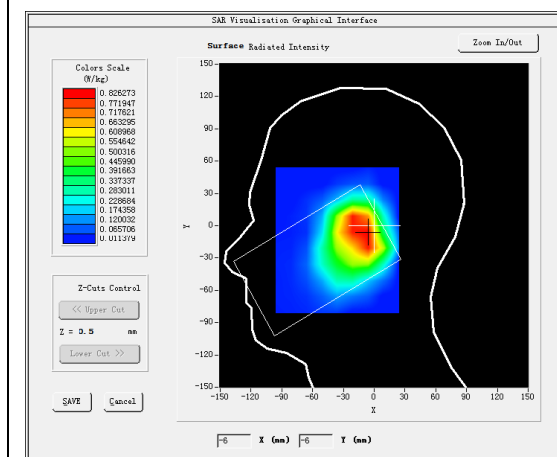
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

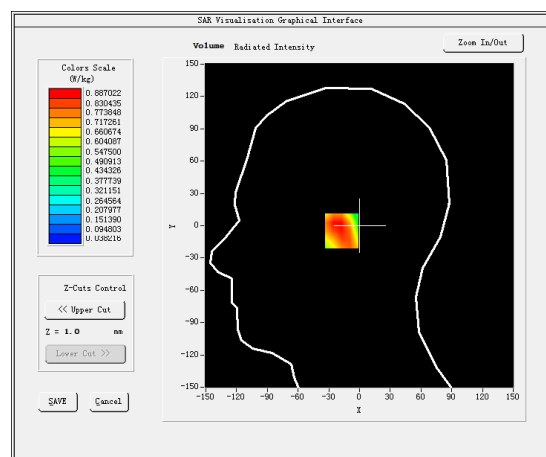
B. SAR Measurement Results

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.935528
Relative permittivity (imaginary part)	13.796797
Conductivity (S/m)	1.327942
Variation (%)	-0.790000

SURFACE SAR



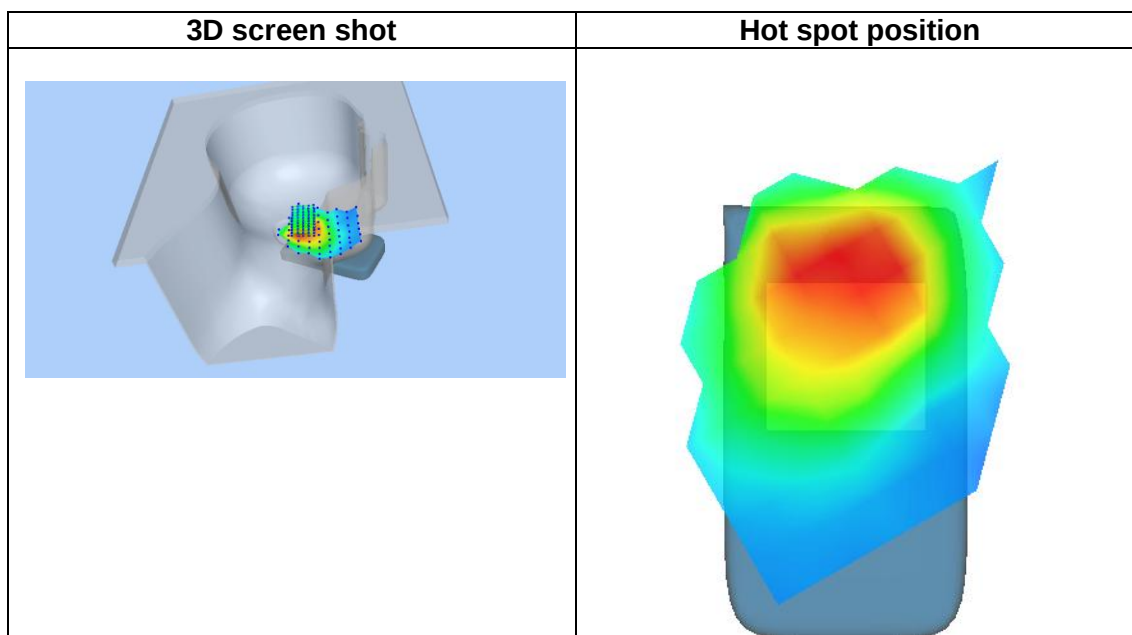
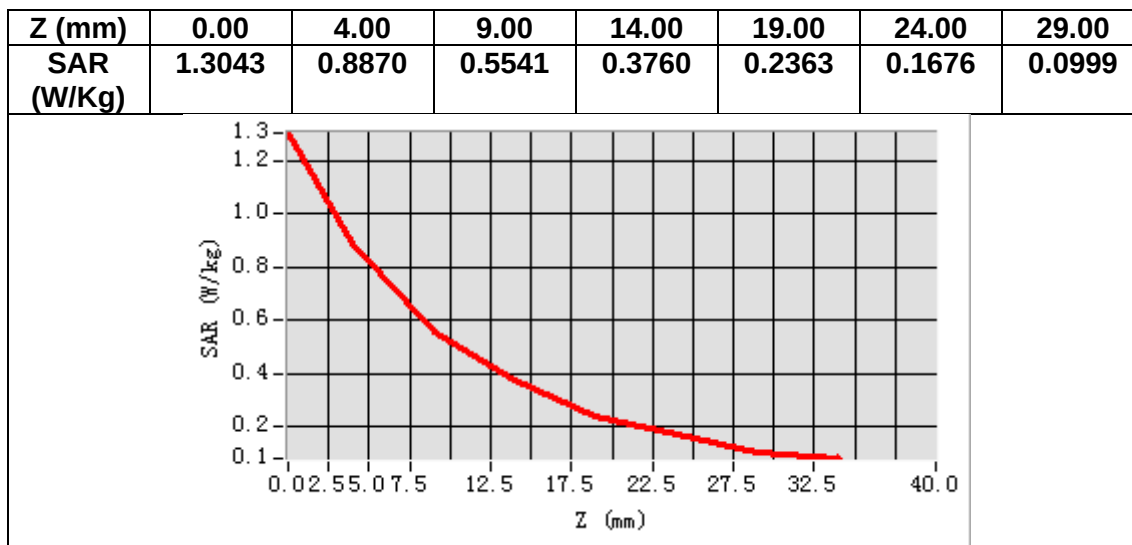
VOLUME SAR



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

SAR Peak: 1.28 W/kg

SAR 10g (W/Kg)	0.554201
SAR 1g (W/Kg)	0.865673



MEASUREMENT 24

Date of measurement: 28/8/2024

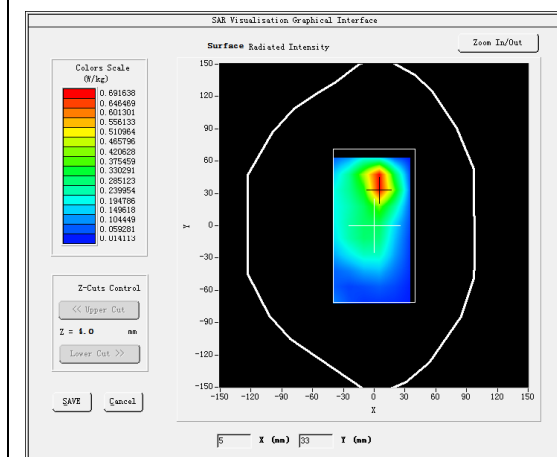
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 4</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

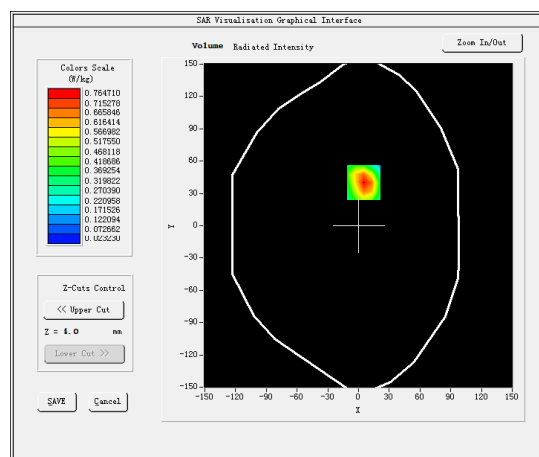
B. SAR Measurement Results

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.935528
Relative permittivity (imaginary part)	13.796797
Conductivity (S/m)	1.327942
Variation (%)	-0.270000

SURFACE SAR



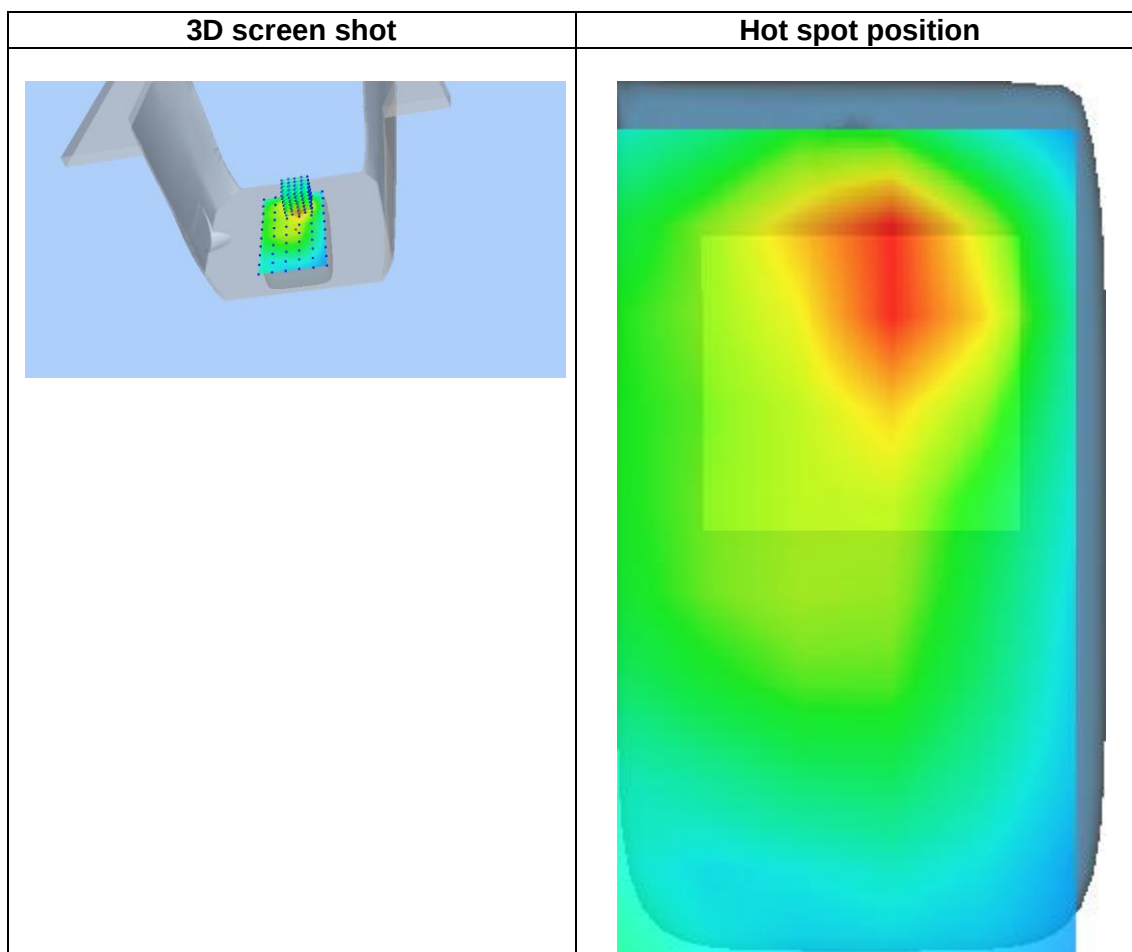
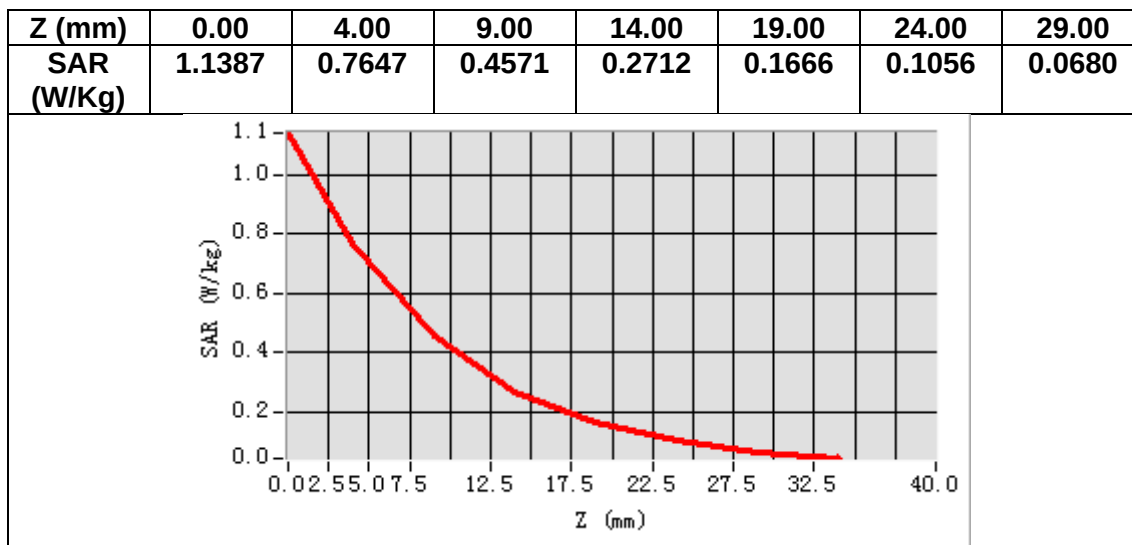
VOLUME SAR



Maximum location: X=5.00, Y=40.00

SAR Peak: 1.17 W/kg

SAR 10g (W/Kg)	0.395906
SAR 1g (W/Kg)	0.723093



MEASUREMENT 25

Date of measurement: 30/8/2024

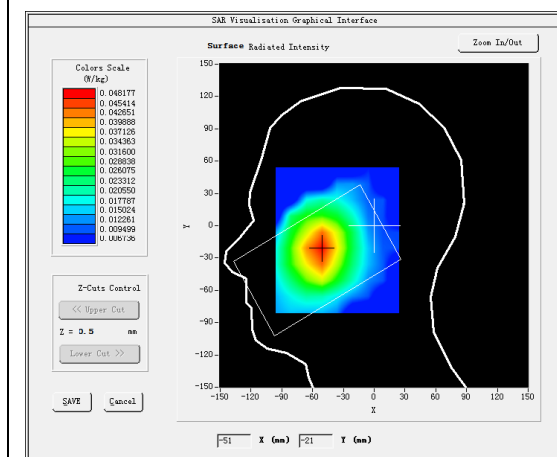
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

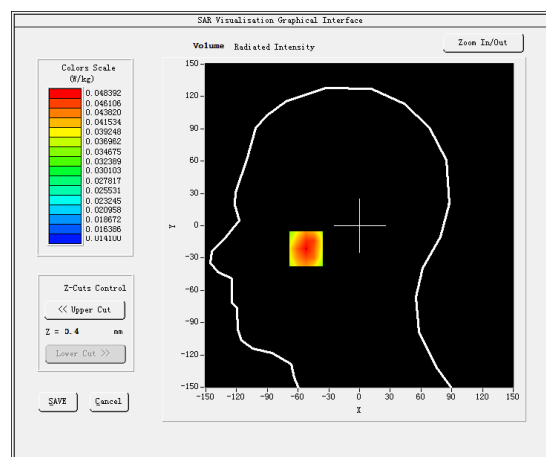
B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative permittivity (real part)	42.155861
Relative permittivity (imaginary part)	19.964647
Conductivity (S/m)	0.927802
Variation (%)	2.860000

SURFACE SAR



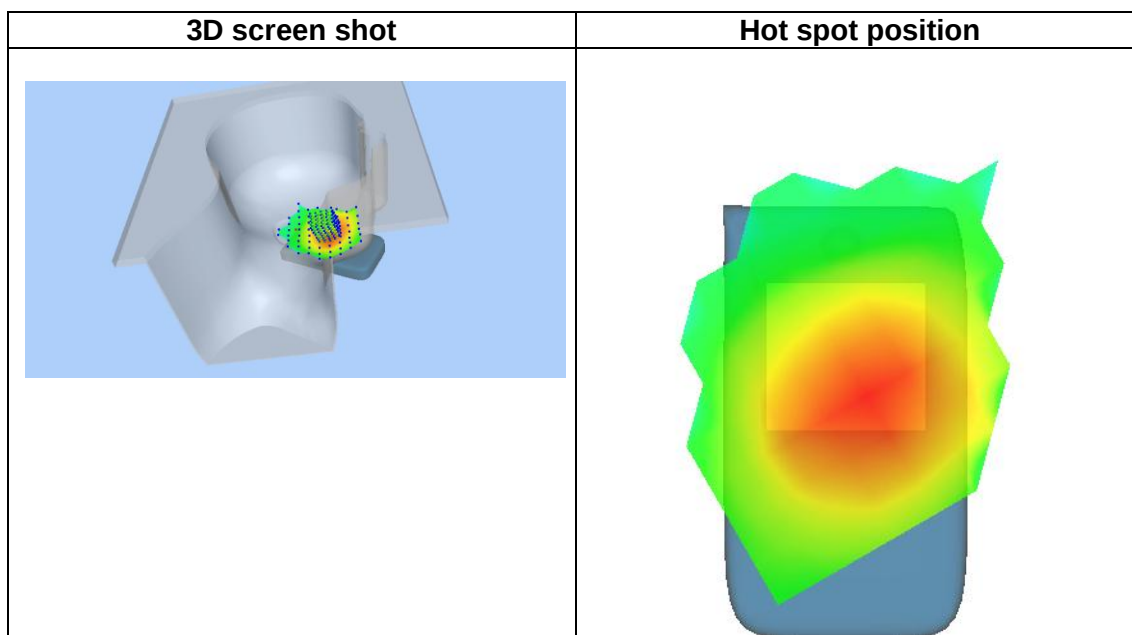
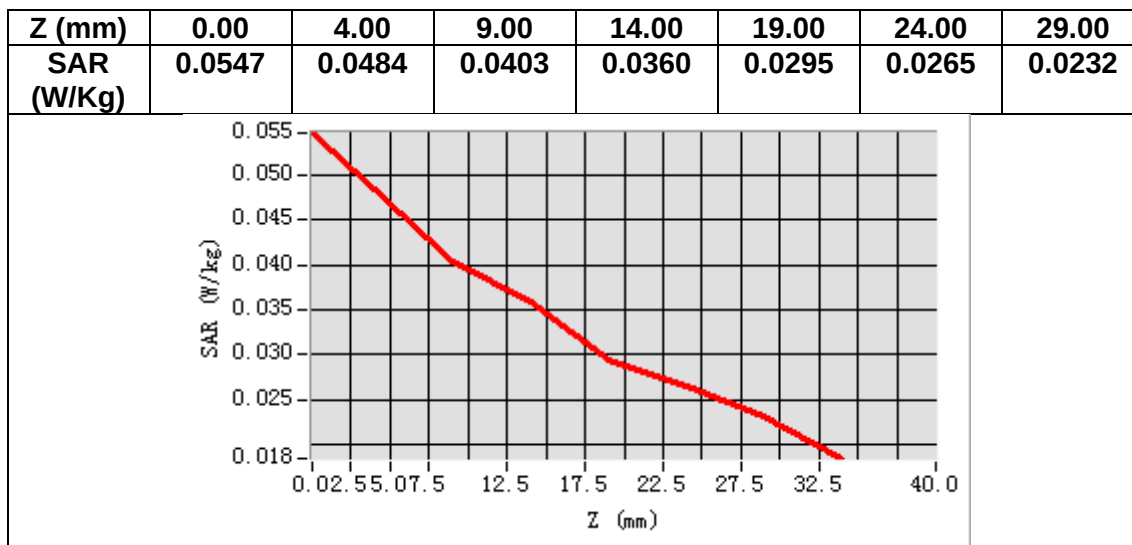
VOLUME SAR



Maximum location: X=-52.00, Y=-21.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.038339
SAR 1g (W/Kg)	0.047451



MEASUREMENT 26

Date of measurement: 30/8/2024

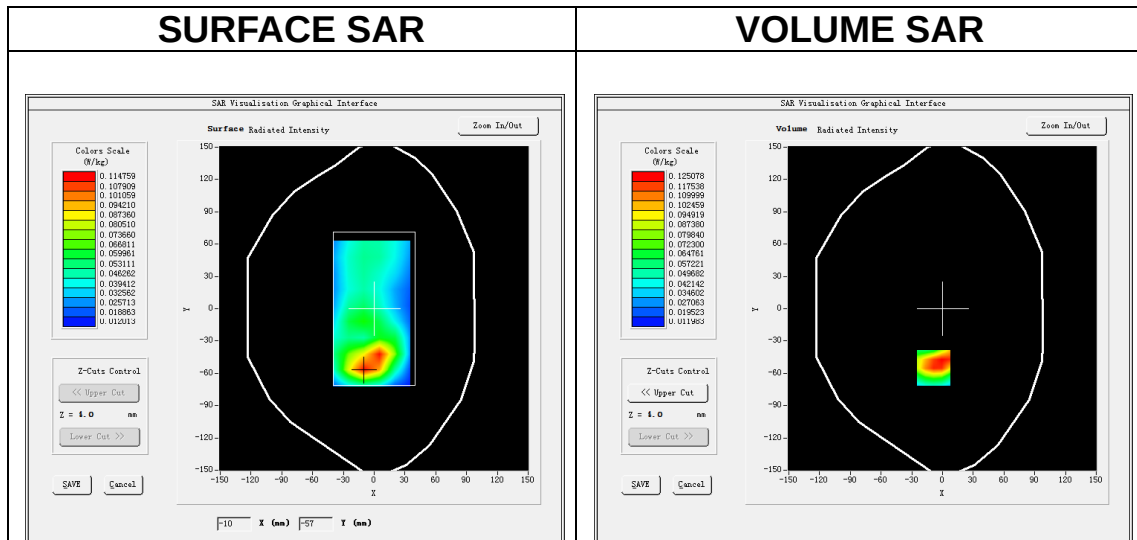
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative permittivity (real part)	42.155861
Relative permittivity (imaginary part)	19.964647
Conductivity (S/m)	0.927802
Variation (%)	0.790000

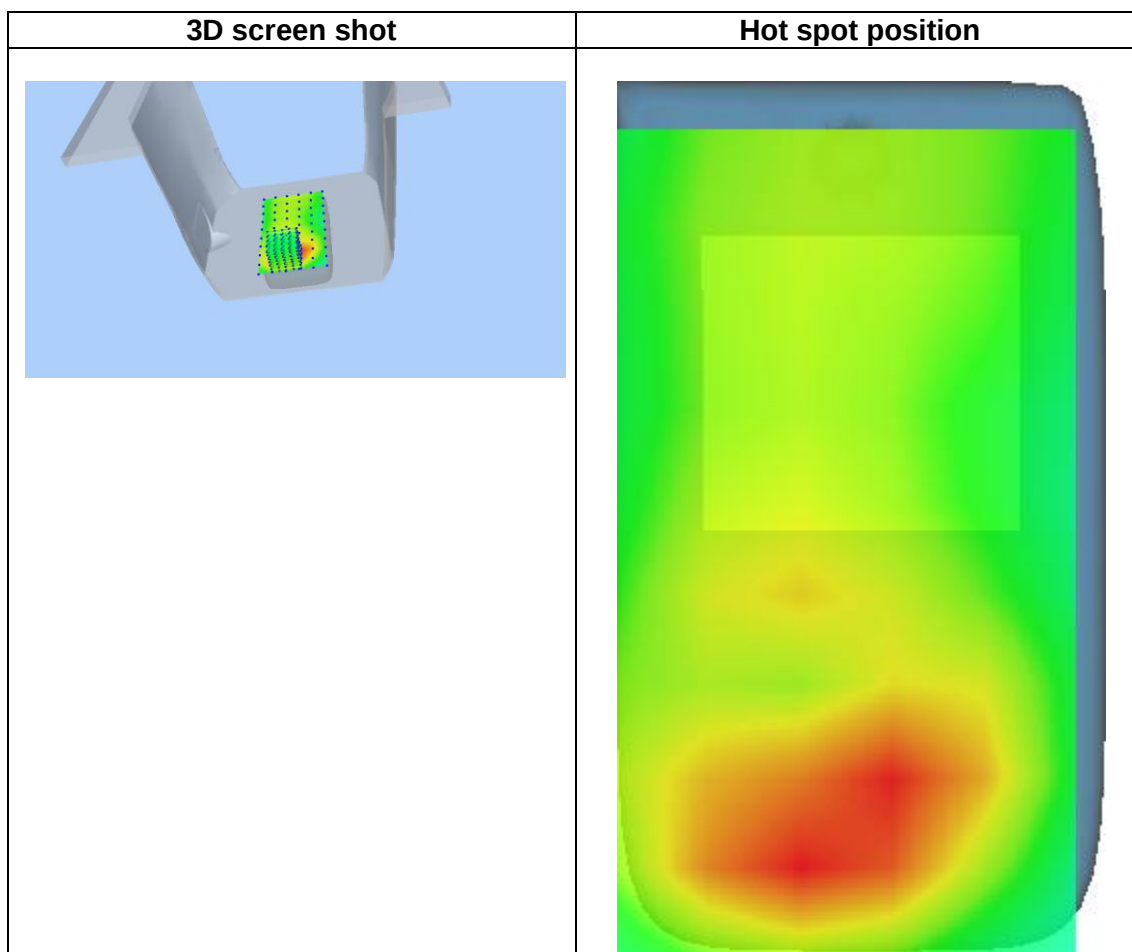
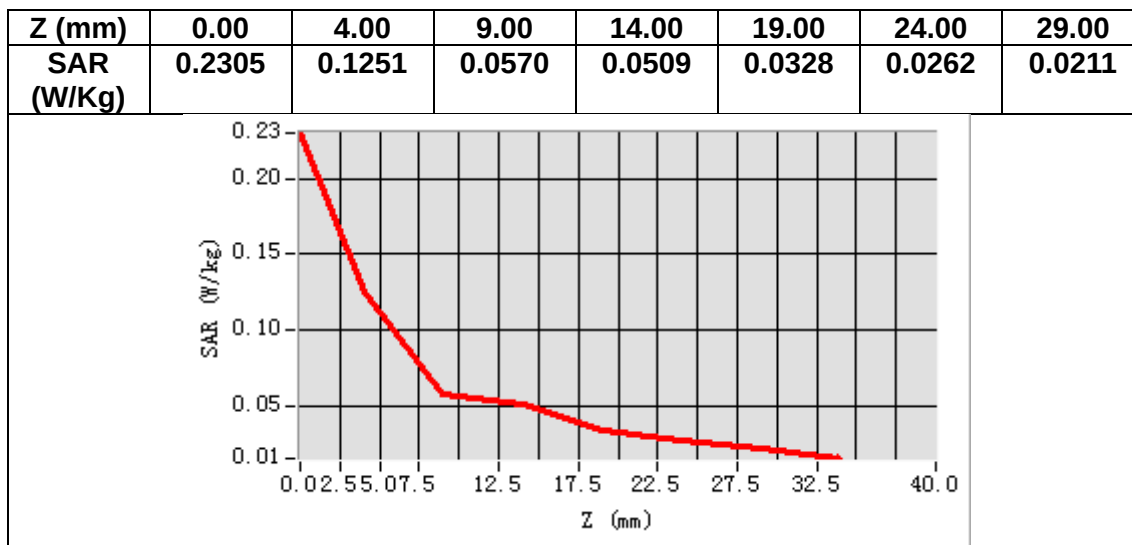
SURFACE SAR



Maximum location: X=-9.00, Y=-55.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.073946
SAR 1g (W/Kg)	0.124737



MEASUREMENT 27

Date of measurement: 27/8/2024

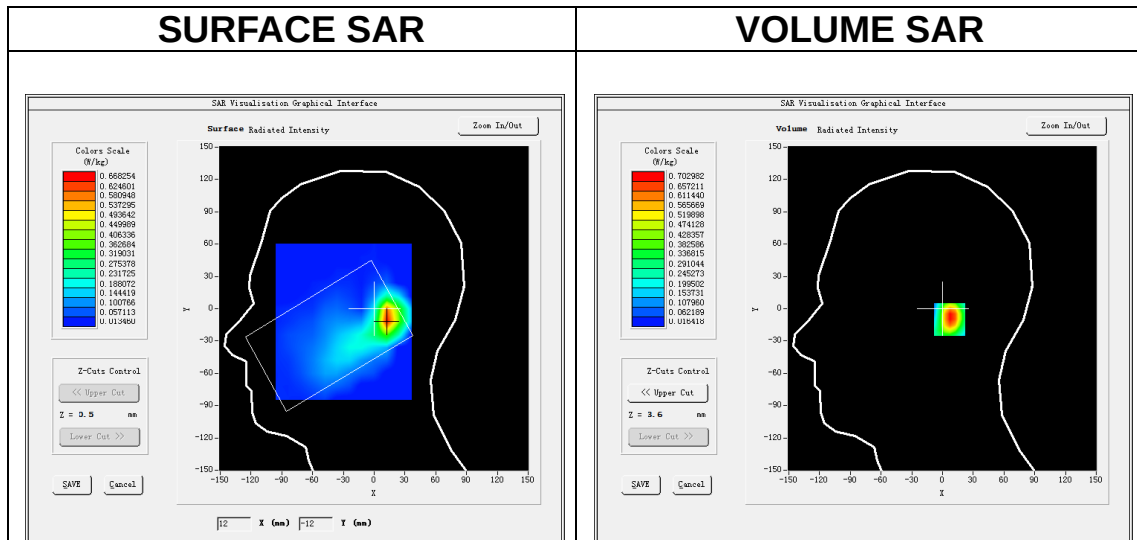
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.65</u>

B. SAR Measurement Results

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.433262
Relative permittivity (imaginary part)	13.789530
Conductivity (S/m)	1.942025
Variation (%)	2.480000

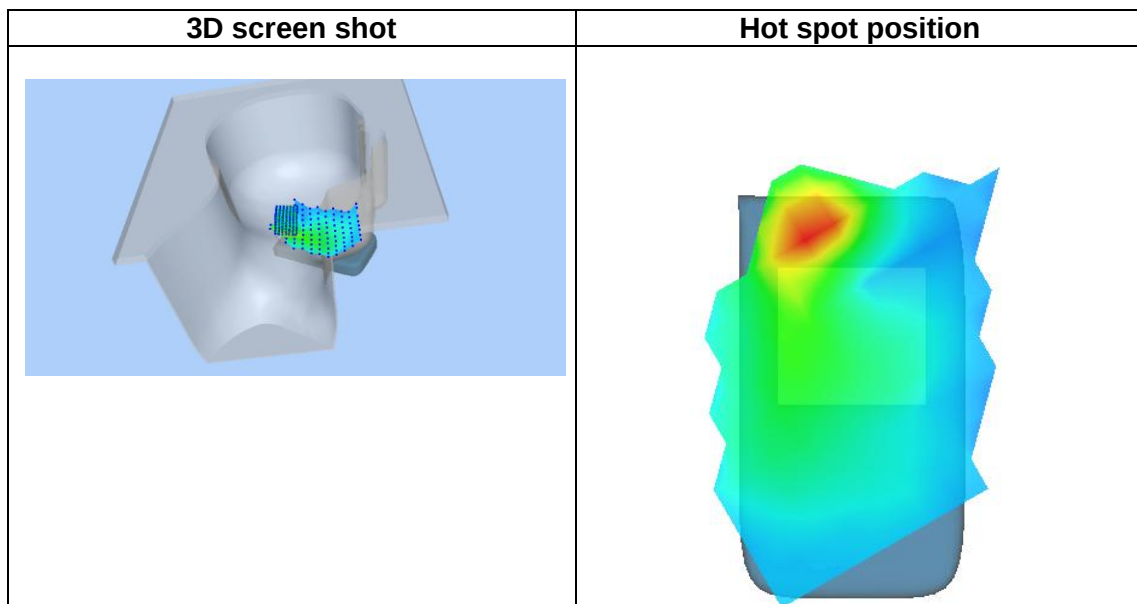
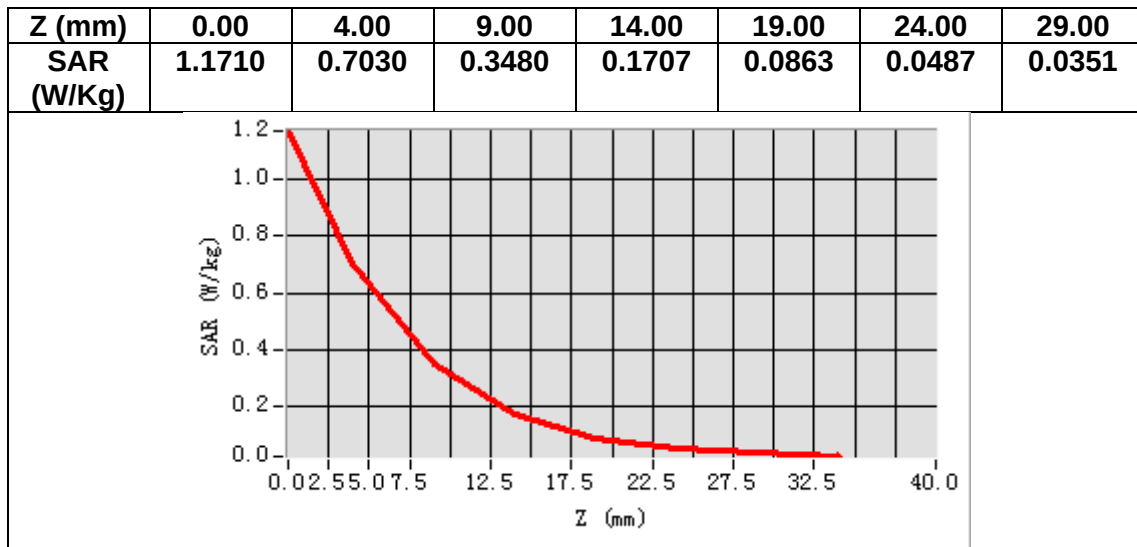
SURFACE SAR



Maximum location: X=13.00, Y=-10.00

SAR Peak: 1.19 W/kg

SAR 10g (W/Kg)	0.309873
SAR 1g (W/Kg)	0.660045



MEASUREMENT 28

Date of measurement: 27/8/2024

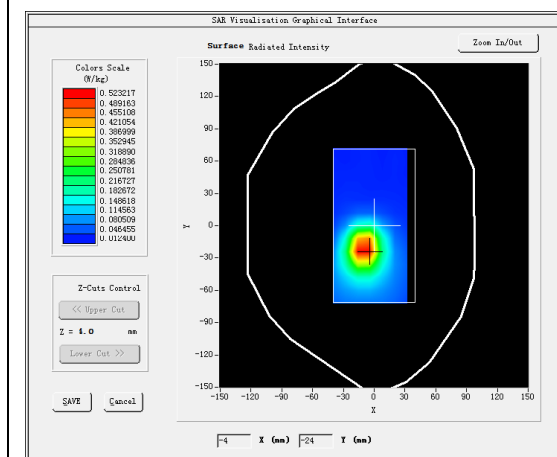
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.65</u>

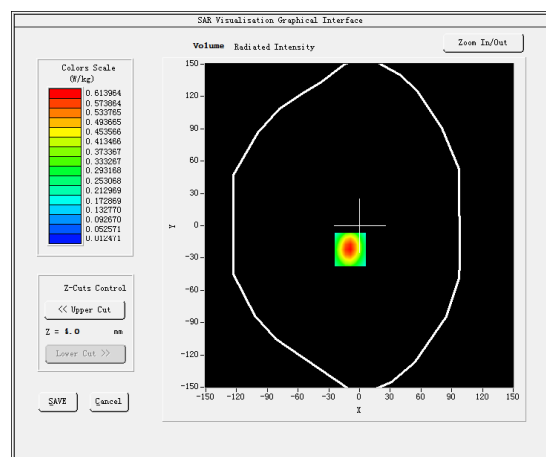
B. SAR Measurement Results

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.433262
Relative permittivity (imaginary part)	13.789530
Conductivity (S/m)	1.942025
Variation (%)	-0.500000

SURFACE SAR



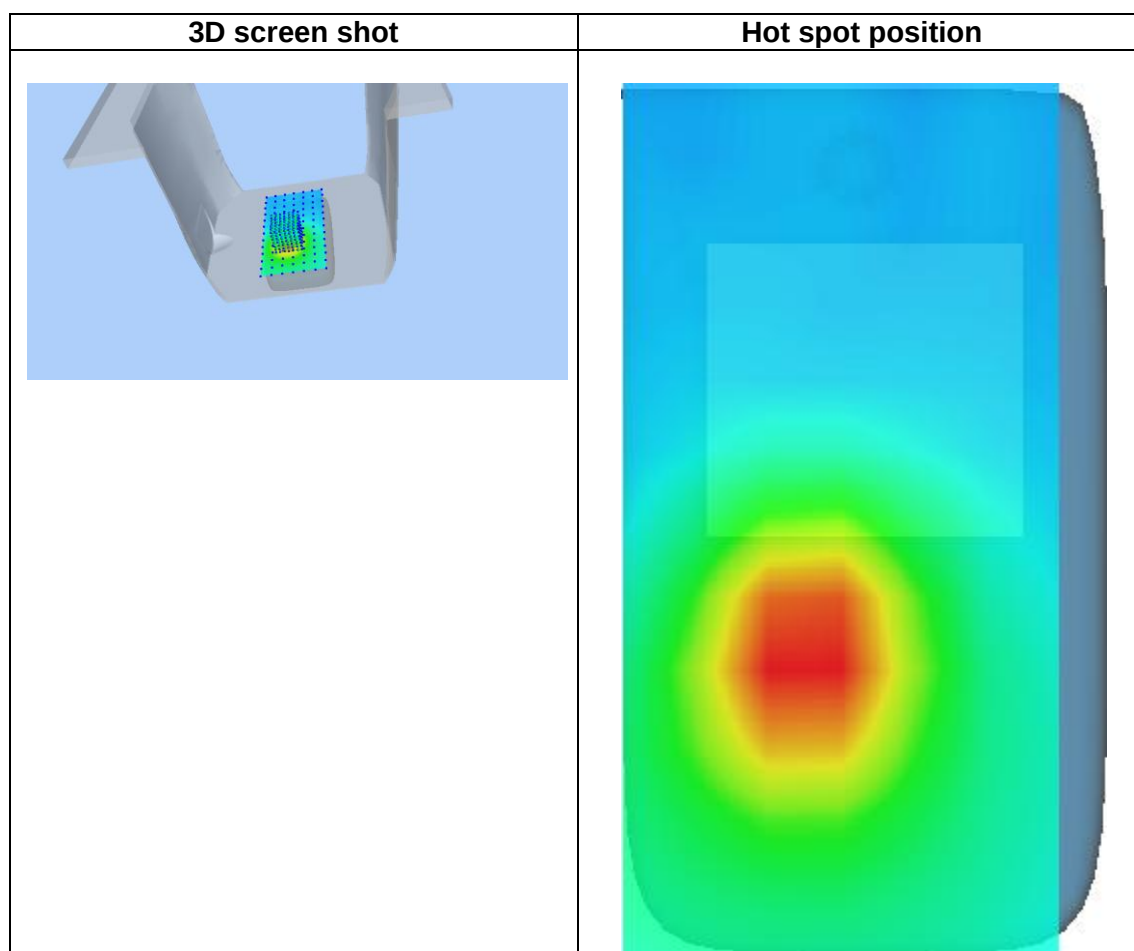
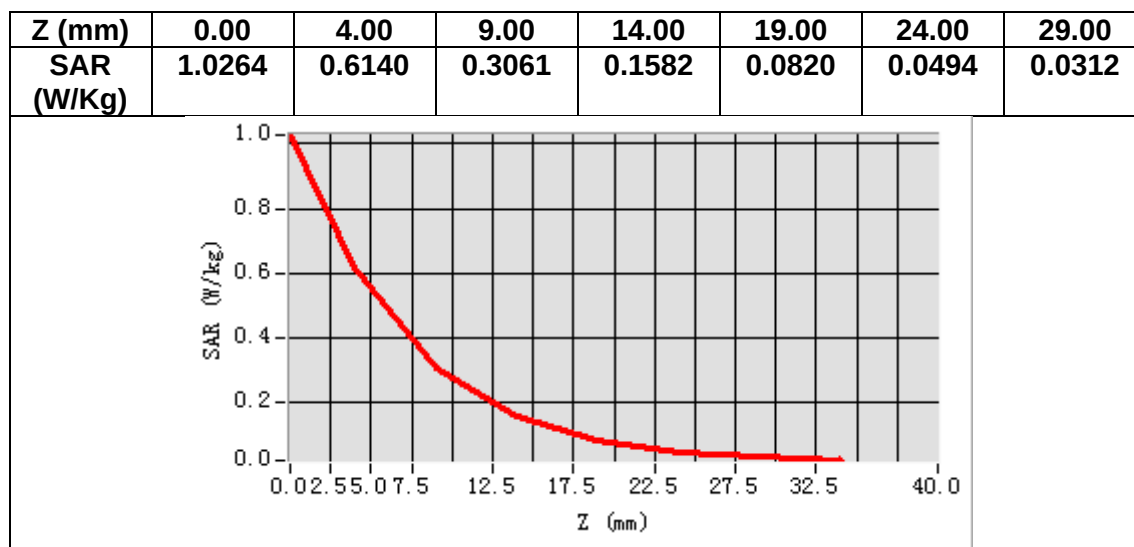
VOLUME SAR



Maximum location: X=-9.00, Y=-22.00

SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)	0.280825
SAR 1g (W/Kg)	0.577410



MEASUREMENT 29

Date of measurement: 9/9/2024

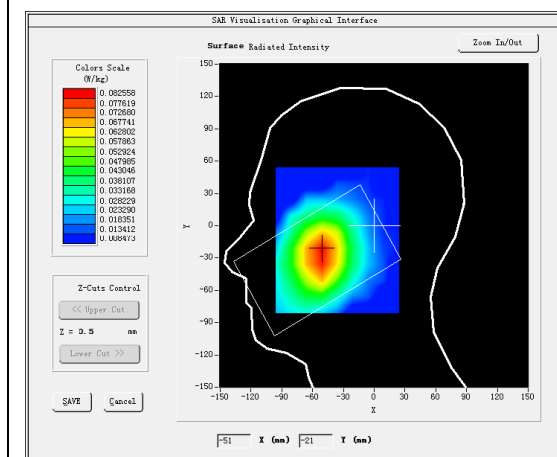
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 12</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.37</u>

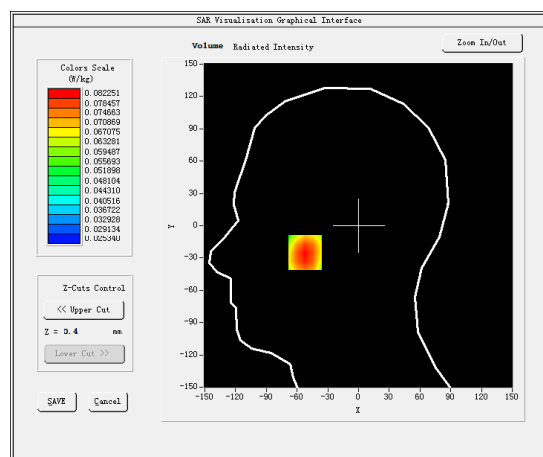
B. SAR Measurement Results

Frequency (MHz)	707.500000
Relative permittivity (real part)	41.114532
Relative permittivity (imaginary part)	21.862097
Conductivity (S/m)	0.859302
Variation (%)	1.960000

SURFACE SAR



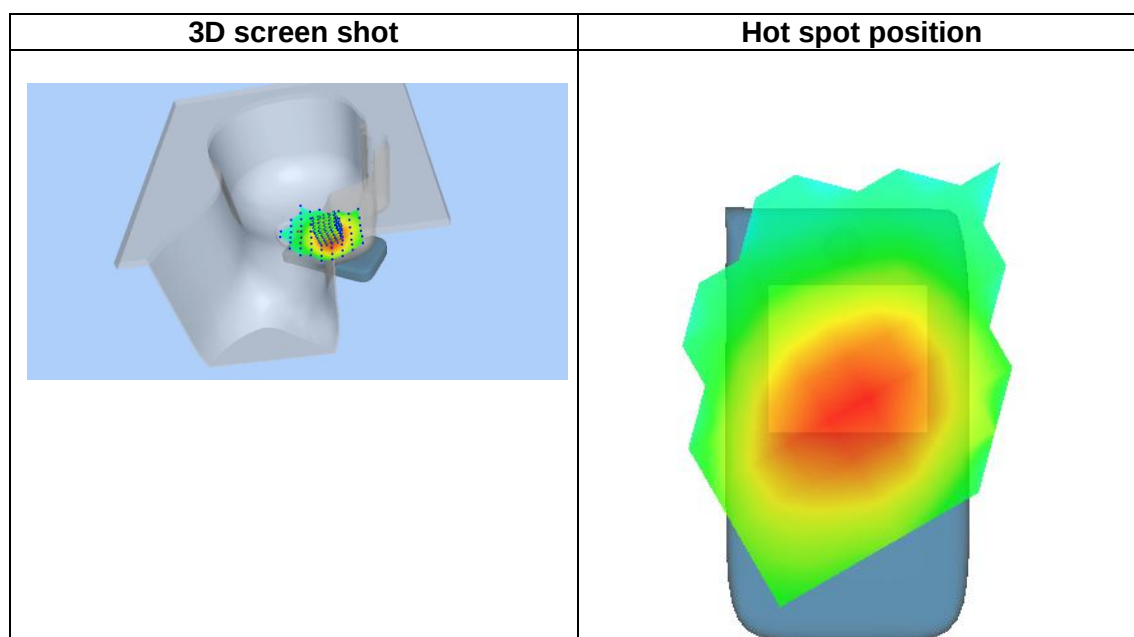
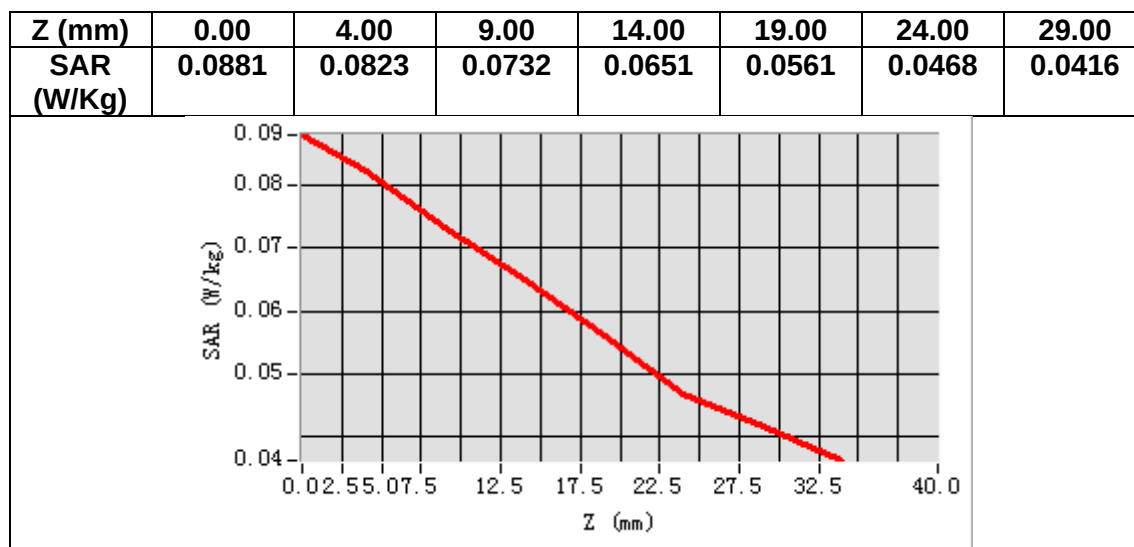
VOLUME SAR



Maximum location: X=-52.00, Y=-25.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.066720
SAR 1g (W/Kg)	0.080040



MEASUREMENT 30

Date of measurement: 9/9/2024

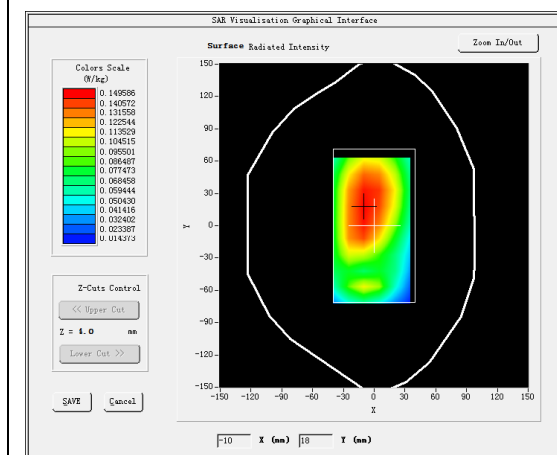
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 12</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.37</u>

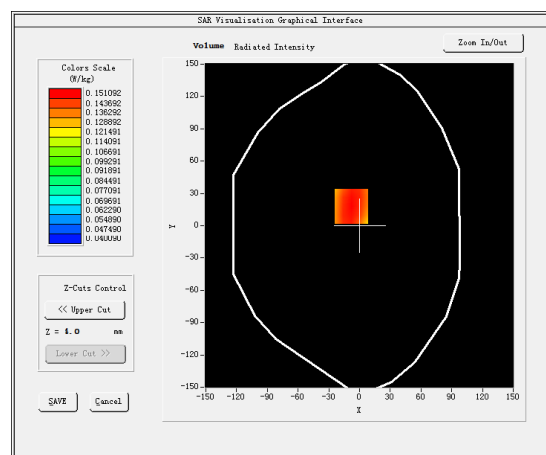
B. SAR Measurement Results

Frequency (MHz)	707.500000
Relative permittivity (real part)	41.114532
Relative permittivity (imaginary part)	21.862097
Conductivity (S/m)	0.859302
Variation (%)	3.070000

SURFACE SAR



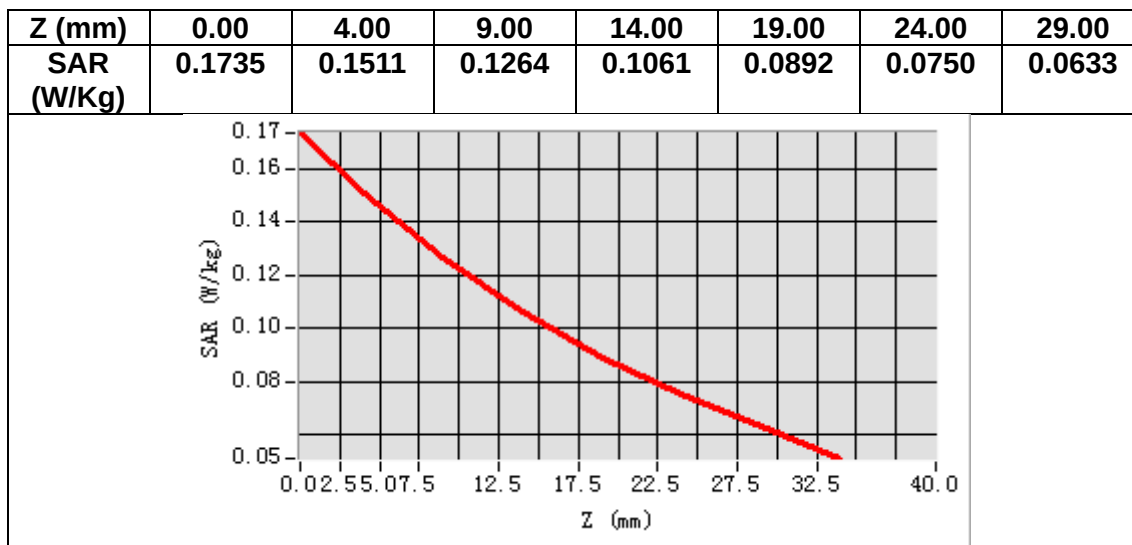
VOLUME SAR



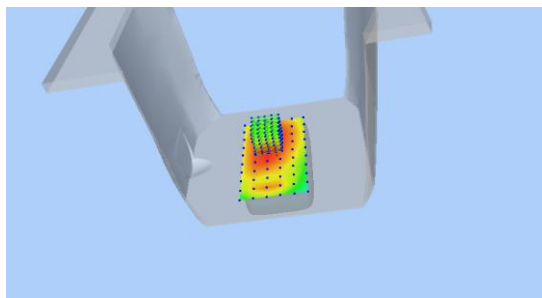
Maximum location: X=-8.00, Y=18.00

SAR Peak: 0.18 W/kg

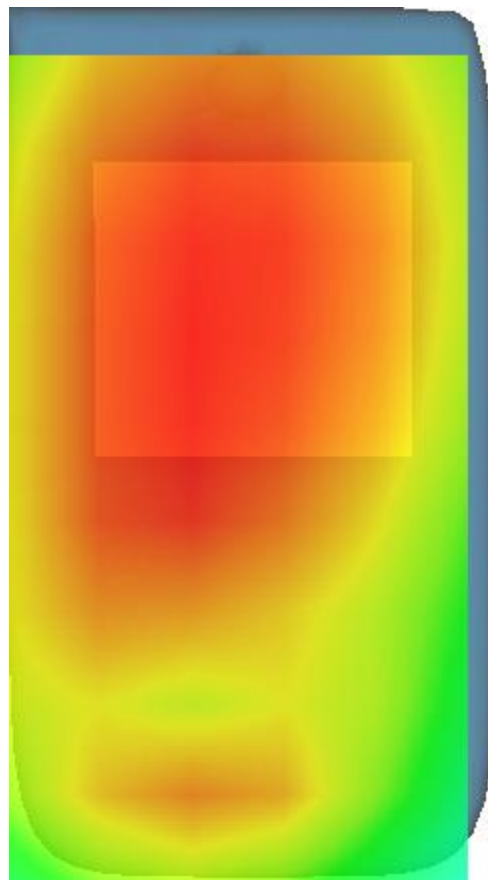
SAR 10g (W/Kg)	0.118964
SAR 1g (W/Kg)	0.147031



3D screen shot



Hot spot position



MEASUREMENT 31

Date of measurement: 9/9/2024

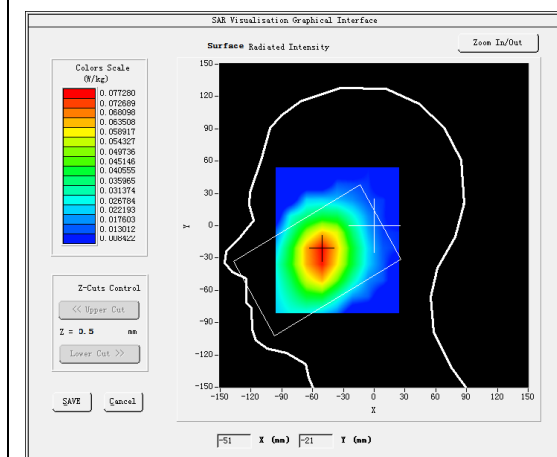
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 17</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.37</u>

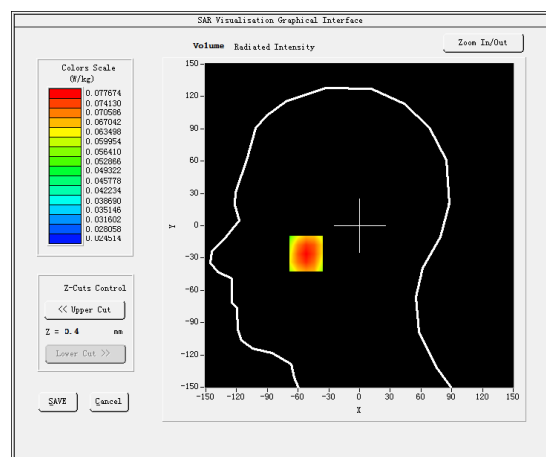
B. SAR Measurement Results

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.099182
Relative permittivity (imaginary part)	21.802546
Conductivity (S/m)	0.859989
Variation (%)	-3.050000

SURFACE SAR



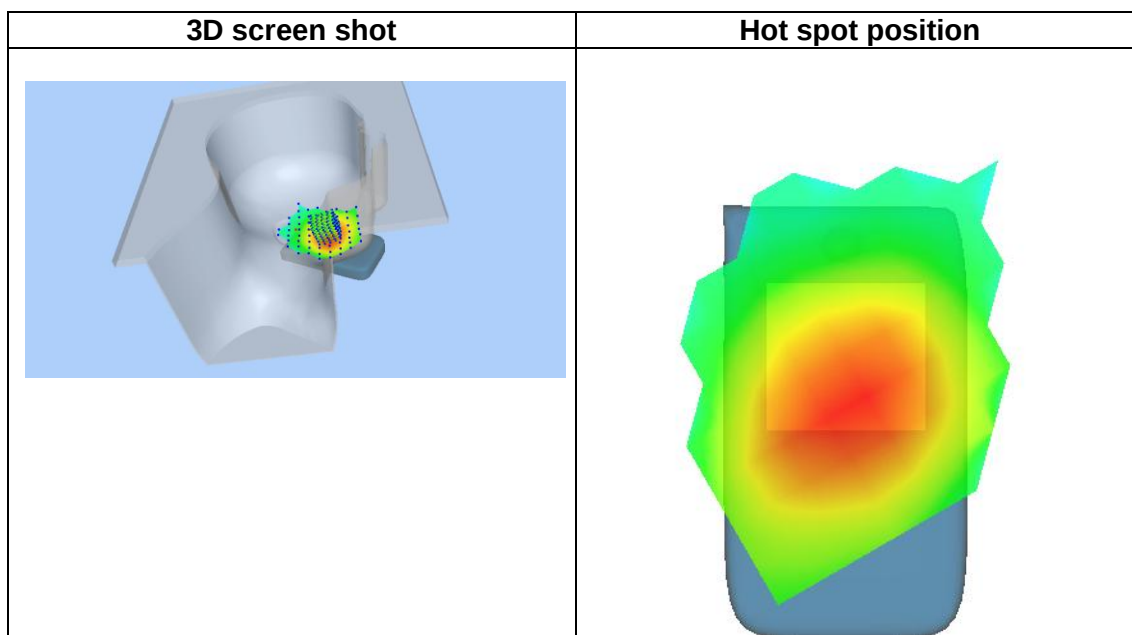
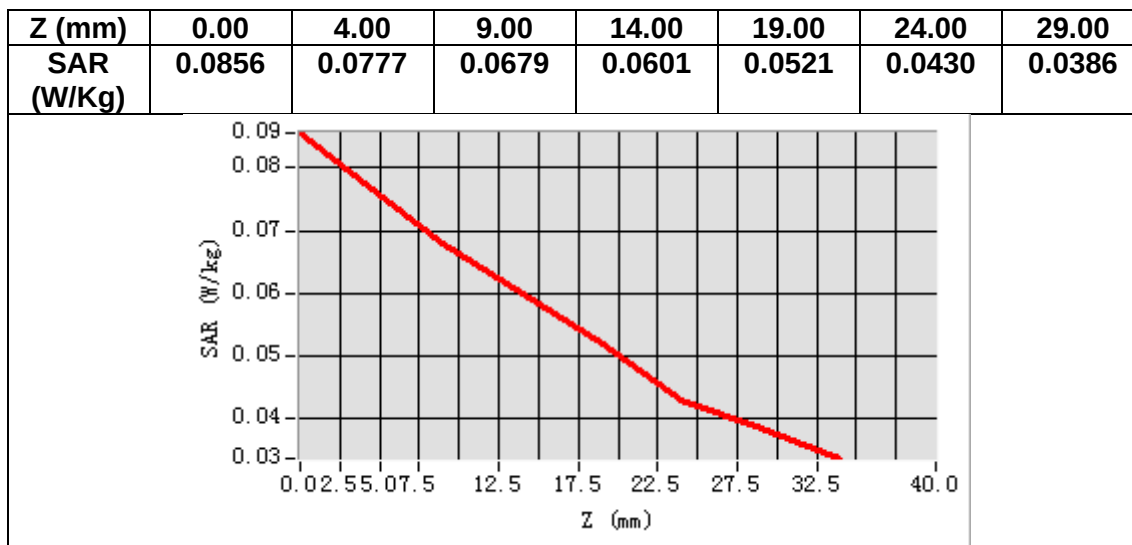
VOLUME SAR



Maximum location: X=-52.00, Y=-26.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.062407
SAR 1g (W/Kg)	0.075751



MEASUREMENT 32

Date of measurement: 9/9/2024

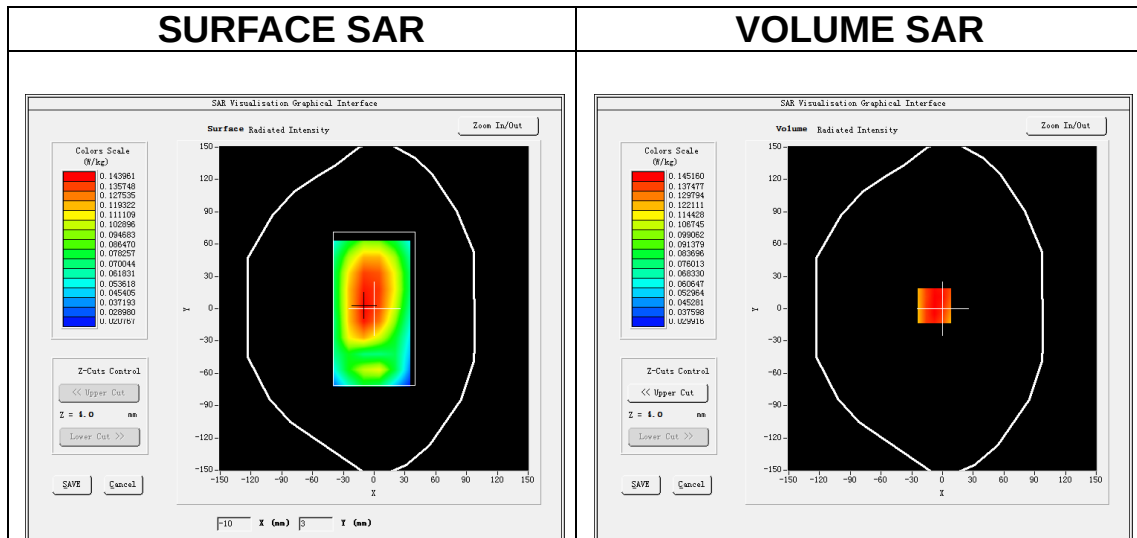
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 17</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.37</u>

B. SAR Measurement Results

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.099182
Relative permittivity (imaginary part)	21.802546
Conductivity (S/m)	0.859989
Variation (%)	0.740000

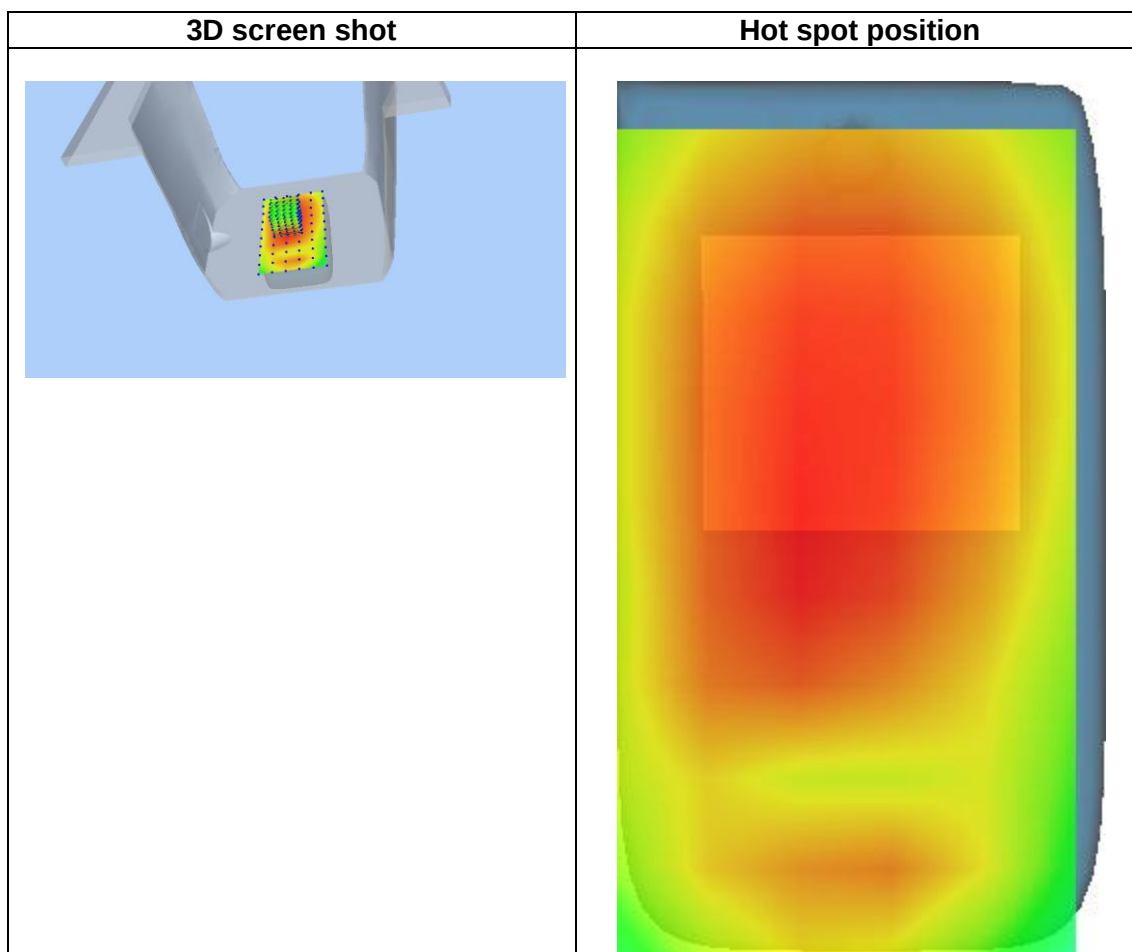
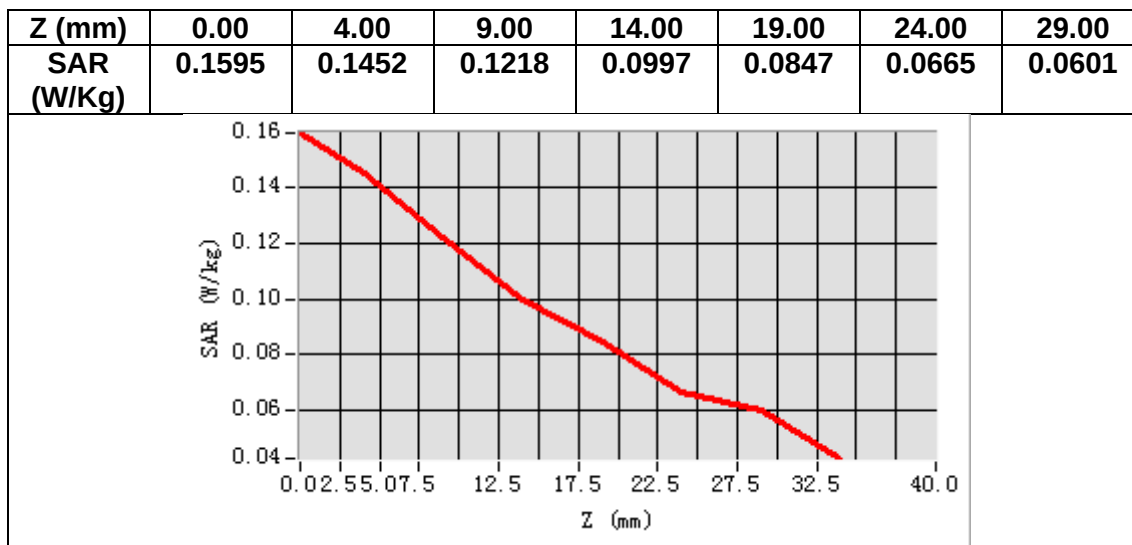
SURFACE SAR



Maximum location: X=-8.00, Y=3.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.114369
SAR 1g (W/Kg)	0.141842



MEASUREMENT 33

Date of measurement: 10/9/2024

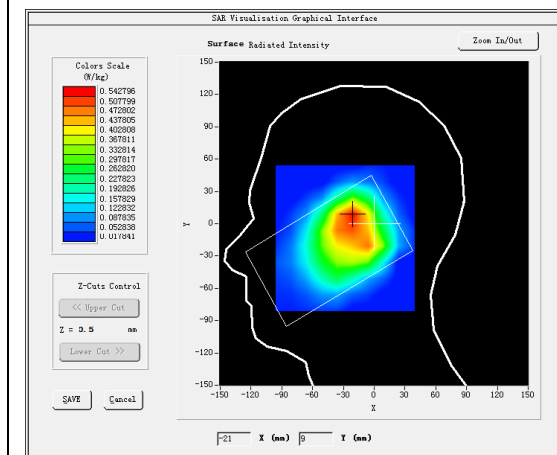
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 25</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

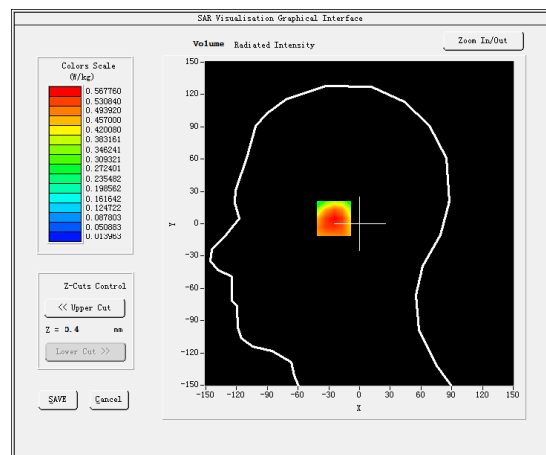
B. SAR Measurement Results

Frequency (MHz)	1882.500000
Relative permittivity (real part)	38.674133
Relative permittivity (imaginary part)	13.879645
Conductivity (S/m)	1.451194
Variation (%)	0.760000

SURFACE SAR



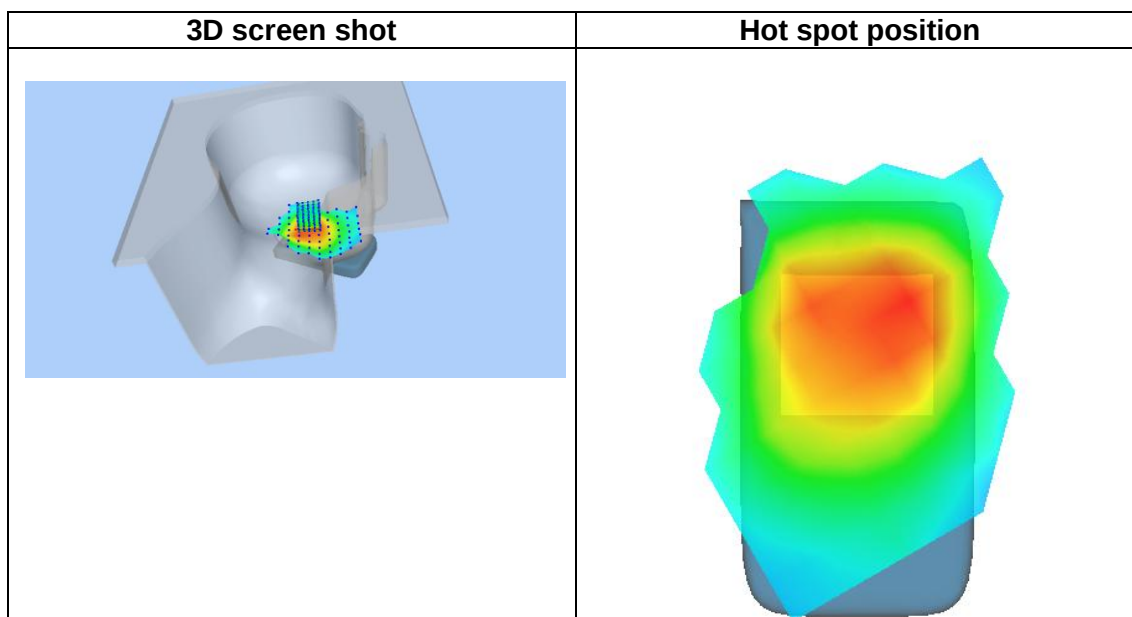
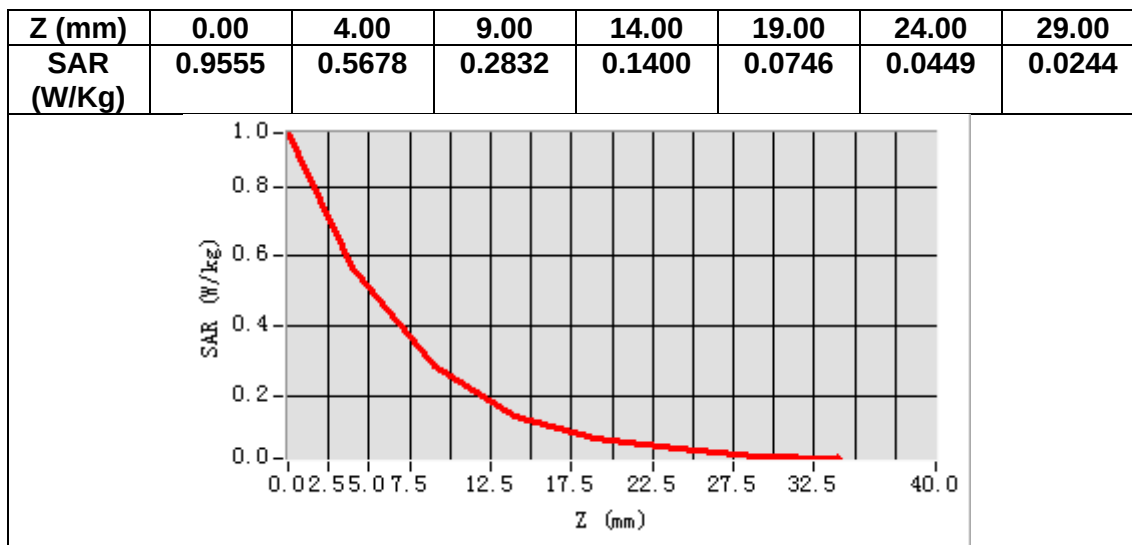
VOLUME SAR



Maximum location: X=-22.00, Y=6.00

SAR Peak: 0.96 W/kg

SAR 10g (W/Kg)	0.302801
SAR 1g (W/Kg)	0.566916



MEASUREMENT 34

Date of measurement: 10/9/2024

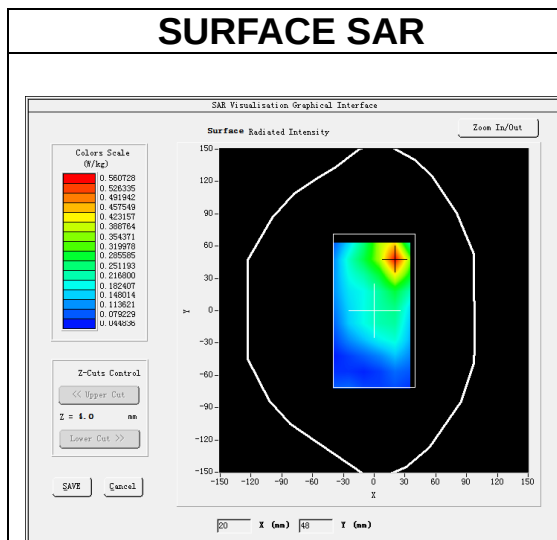
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 25</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.63</u>

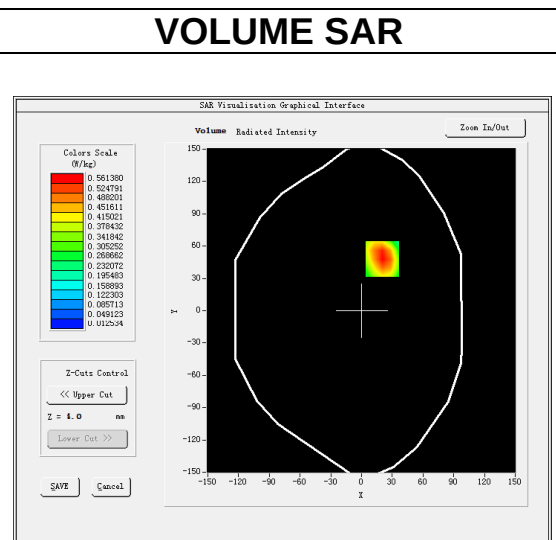
B. SAR Measurement Results

Frequency (MHz)	1882.500000
Relative permittivity (real part)	38.674133
Relative permittivity (imaginary part)	13.879645
Conductivity (S/m)	1.451194
Variation (%)	-0.320000

SURFACE SAR



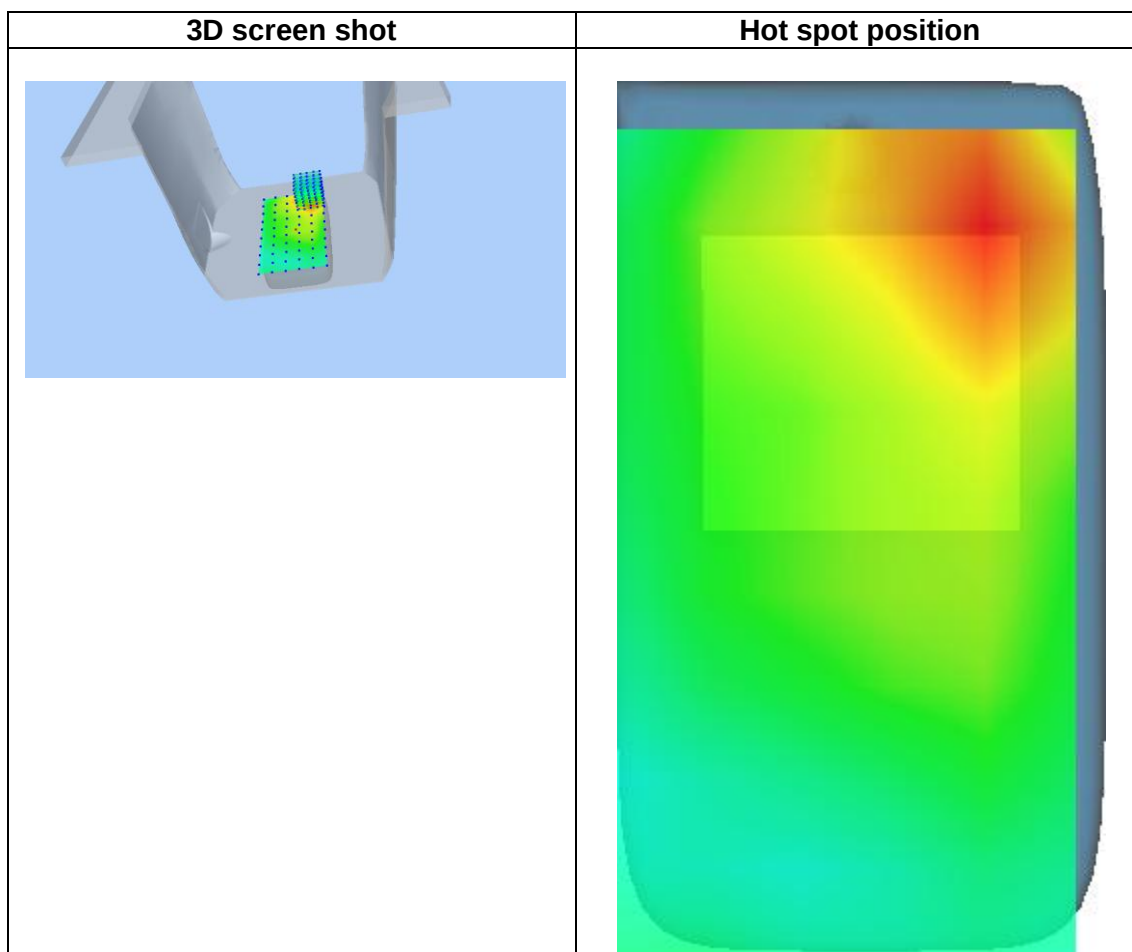
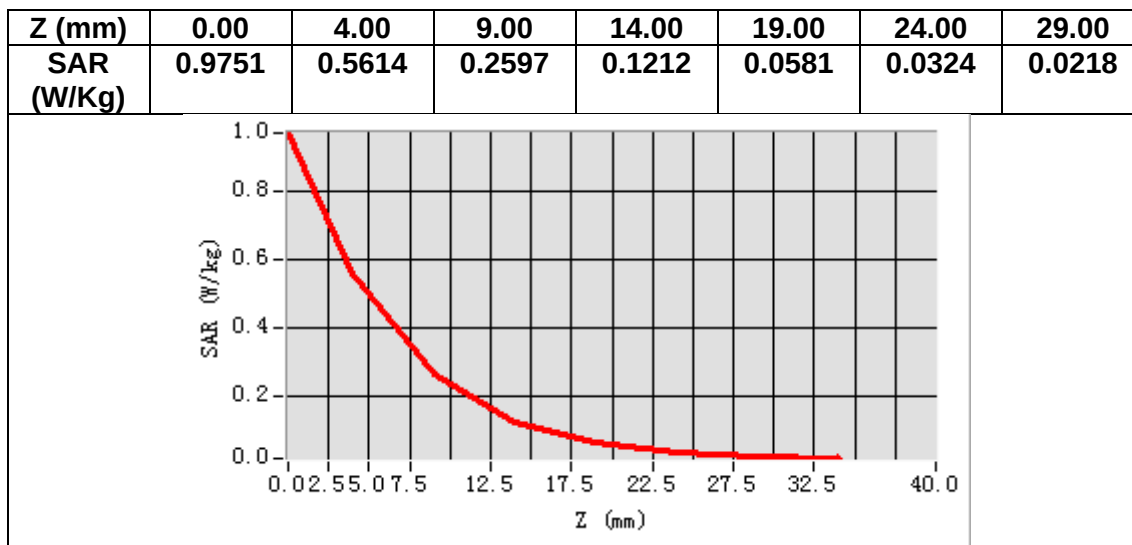
VOLUME SAR



Maximum location: X=20.00, Y=48.00

SAR Peak: 0.99 W/kg

SAR 10g (W/Kg)	0.274042
SAR 1g (W/Kg)	0.559466



MEASUREMENT 35

Date of measurement: 30/8/2024

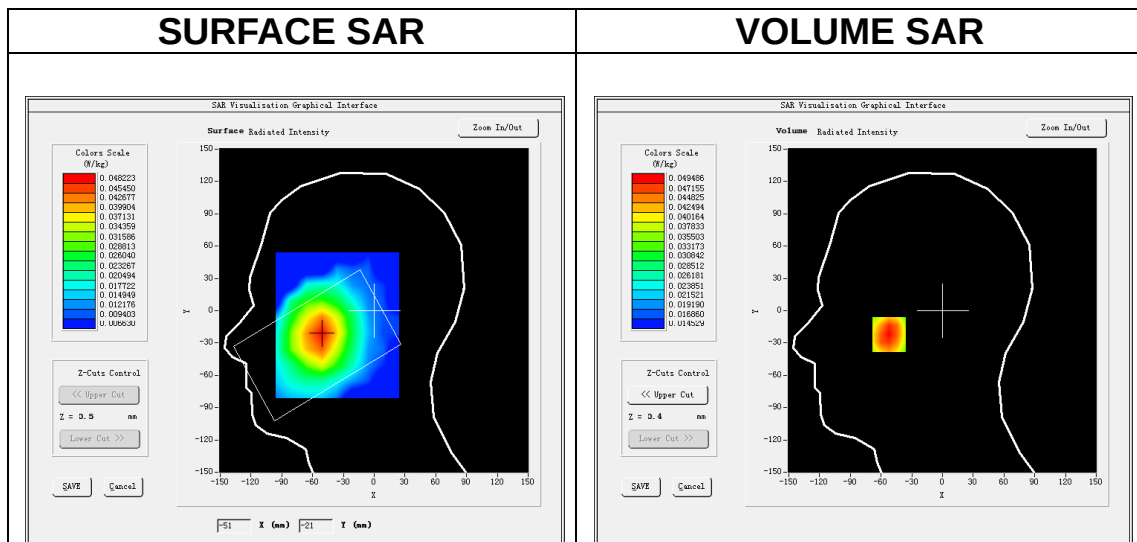
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>FDDBand26A</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	819.000000
Relative permittivity (real part)	42.422508
Relative permittivity (imaginary part)	19.948446
Conductivity (S/m)	0.907654
Variation (%)	1.130000

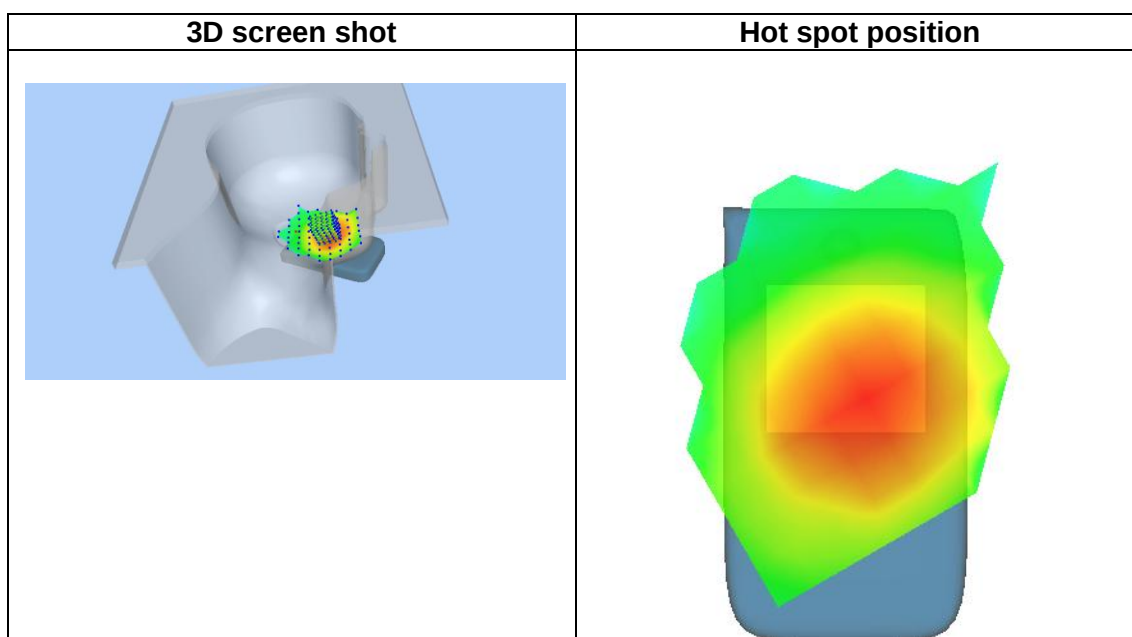
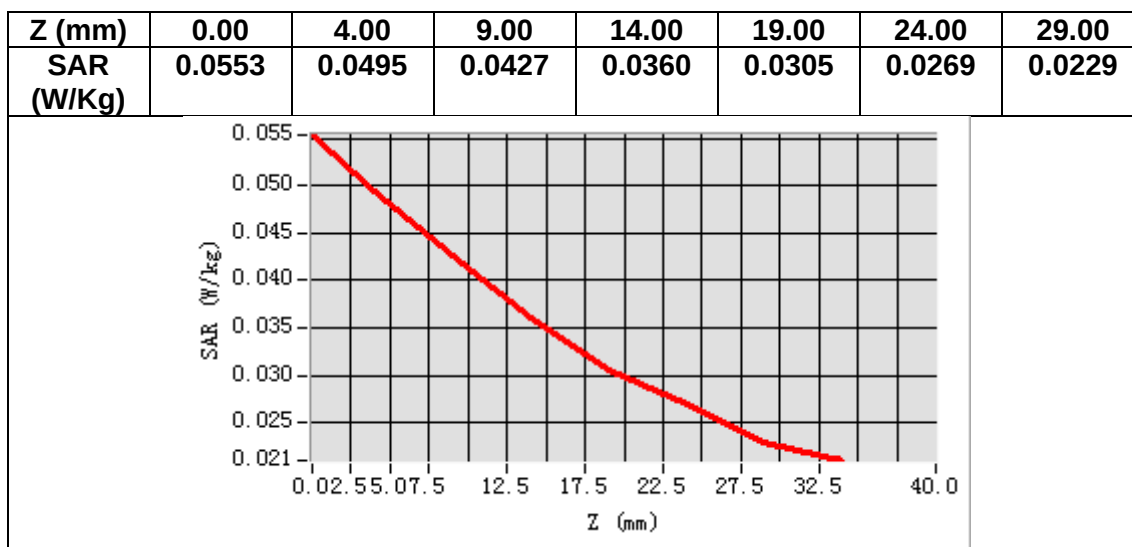
SURFACE SAR



Maximum location: X=-52.00, Y=-22.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.038669
SAR 1g (W/Kg)	0.048171



MEASUREMENT 36

Date of measurement: 30/8/2024

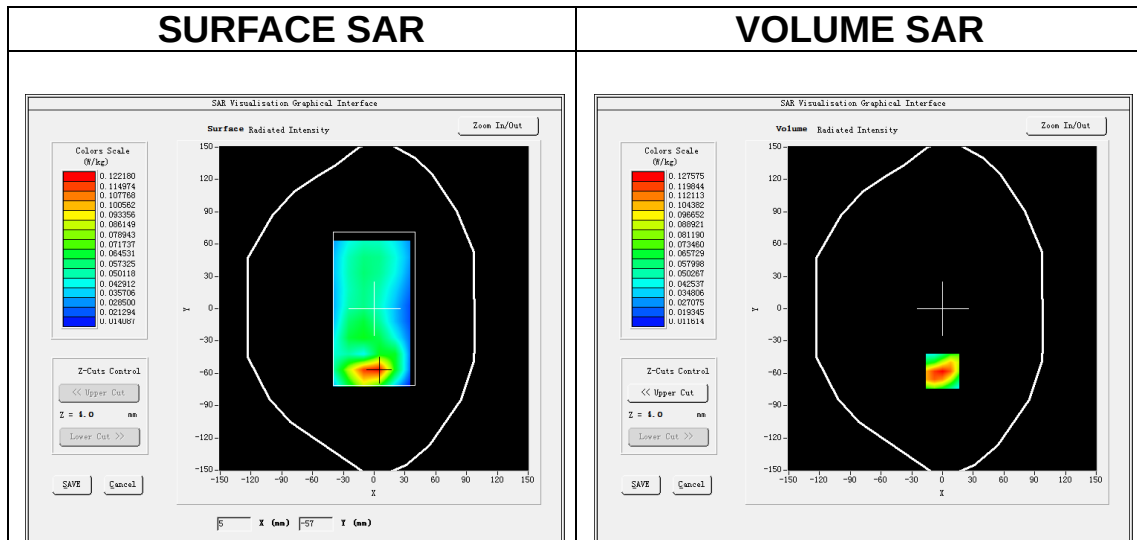
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>FDDBand26A</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	819.000000
Relative permittivity (real part)	42.422508
Relative permittivity (imaginary part)	19.948446
Conductivity (S/m)	0.907654
Variation (%)	-0.380000

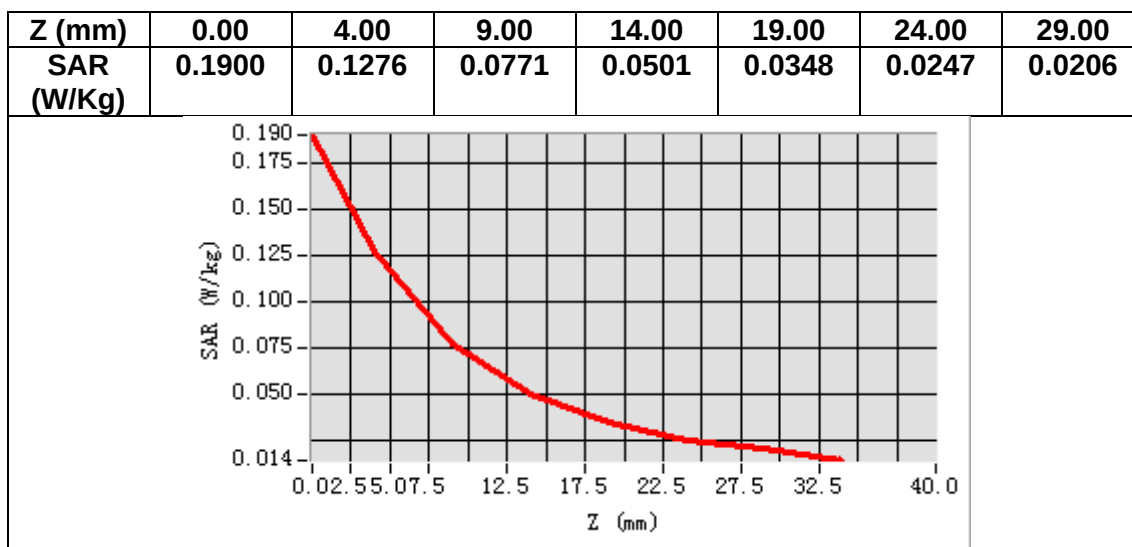
SURFACE SAR



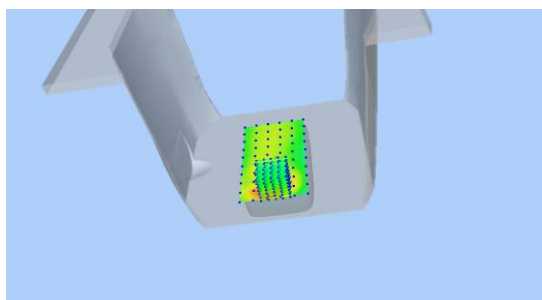
Maximum location: X=0.00, Y=-58.00

SAR Peak: 0.19 W/kg

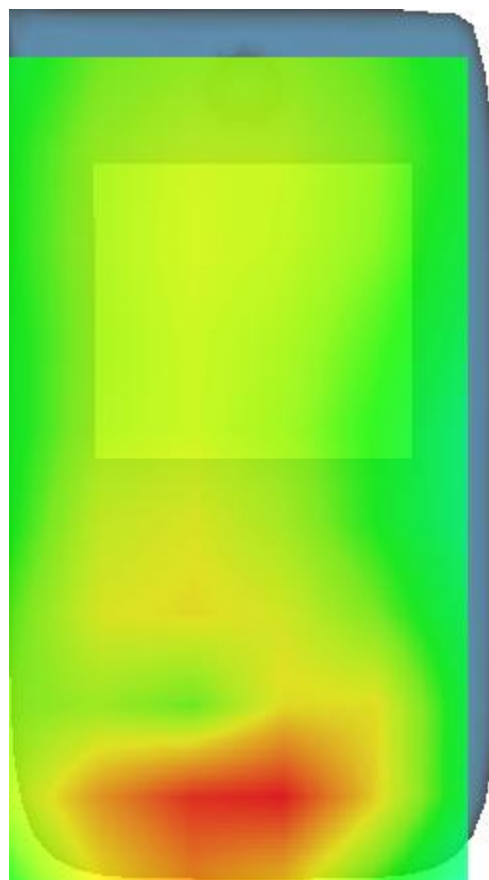
SAR 10g (W/Kg)	0.072118
SAR 1g (W/Kg)	0.121960



3D screen shot



Hot spot position



MEASUREMENT 37

Date of measurement: 30/8/2024

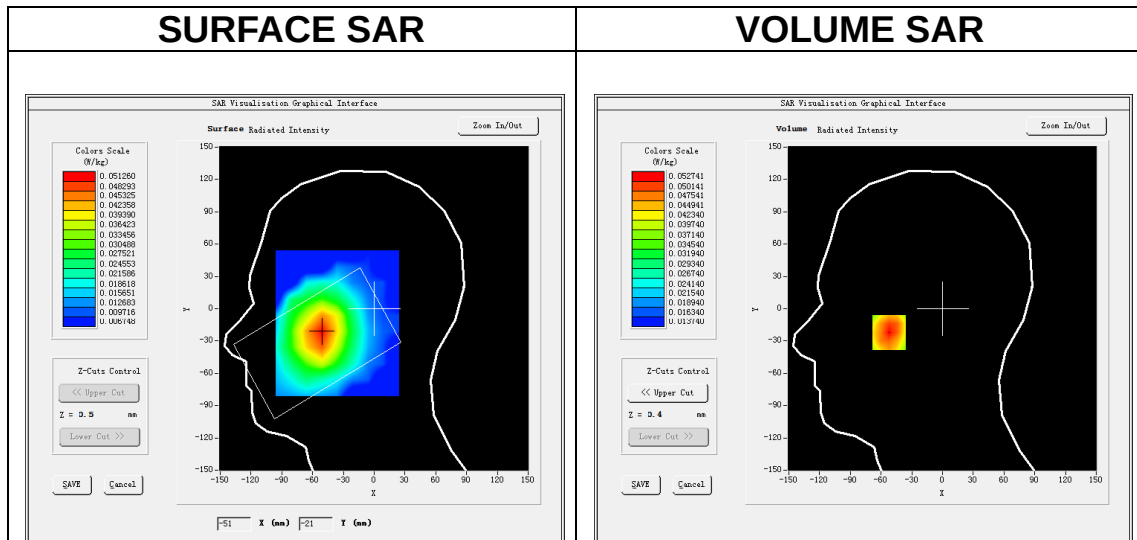
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>FDDBand26B</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

B. SAR Measurement Results

Frequency (MHz)	831.500000
Relative permittivity (real part)	42.206558
Relative permittivity (imaginary part)	19.954397
Conductivity (S/m)	0.921782
Variation (%)	-2.500000

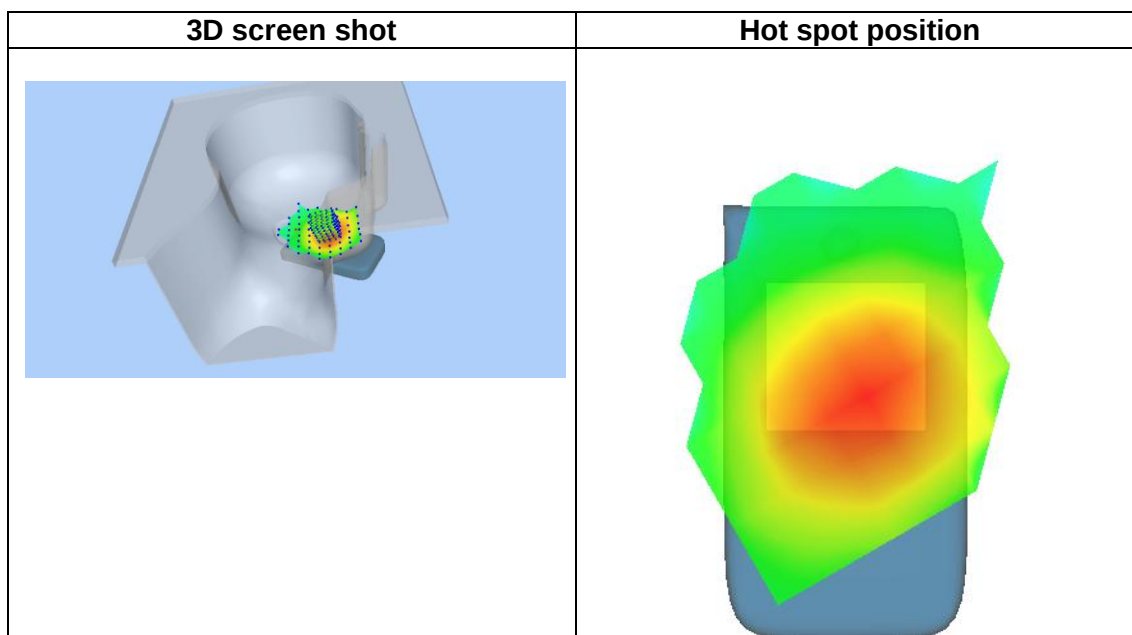
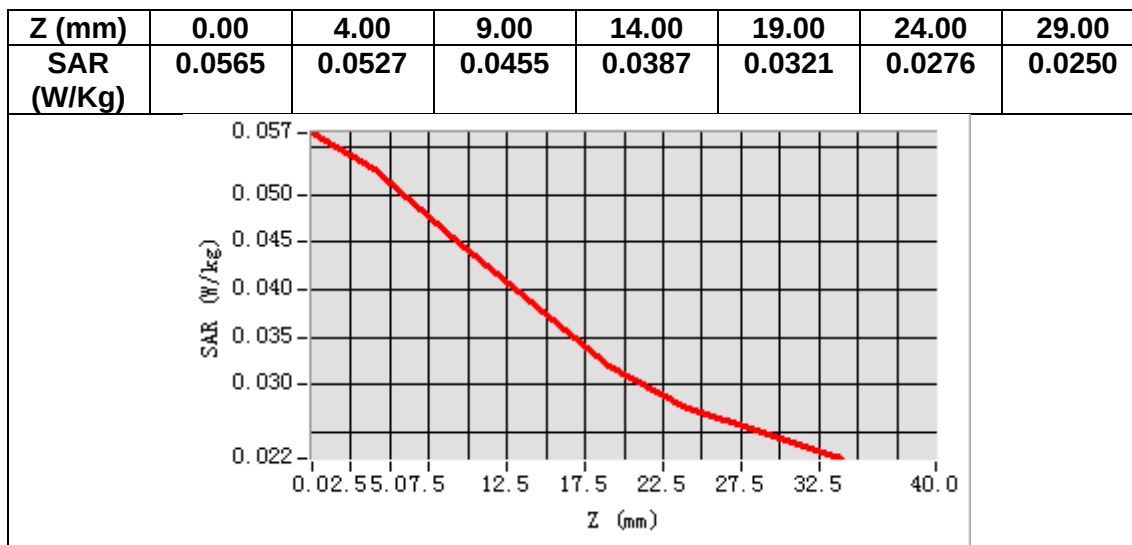
SURFACE SAR



Maximum location: X=-52.00, Y=-22.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.041098
SAR 1g (W/Kg)	0.051223



MEASUREMENT 38

Date of measurement: 30/8/2024

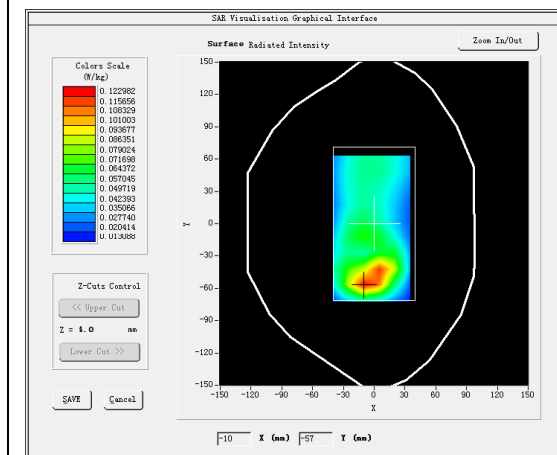
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>FDDBand26B</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.32</u>

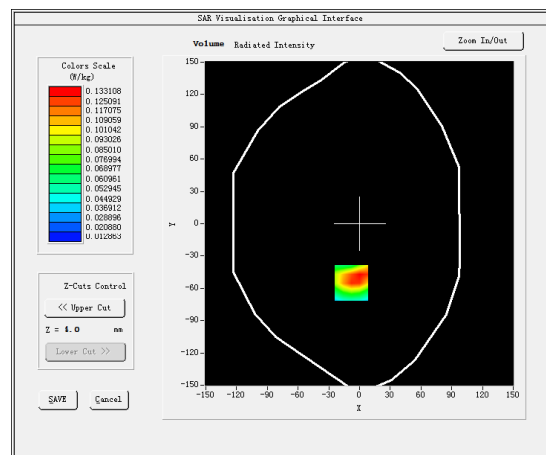
B. SAR Measurement Results

Frequency (MHz)	831.500000
Relative permittivity (real part)	42.206558
Relative permittivity (imaginary part)	19.954397
Conductivity (S/m)	0.921782
Variation (%)	1.770000

SURFACE SAR



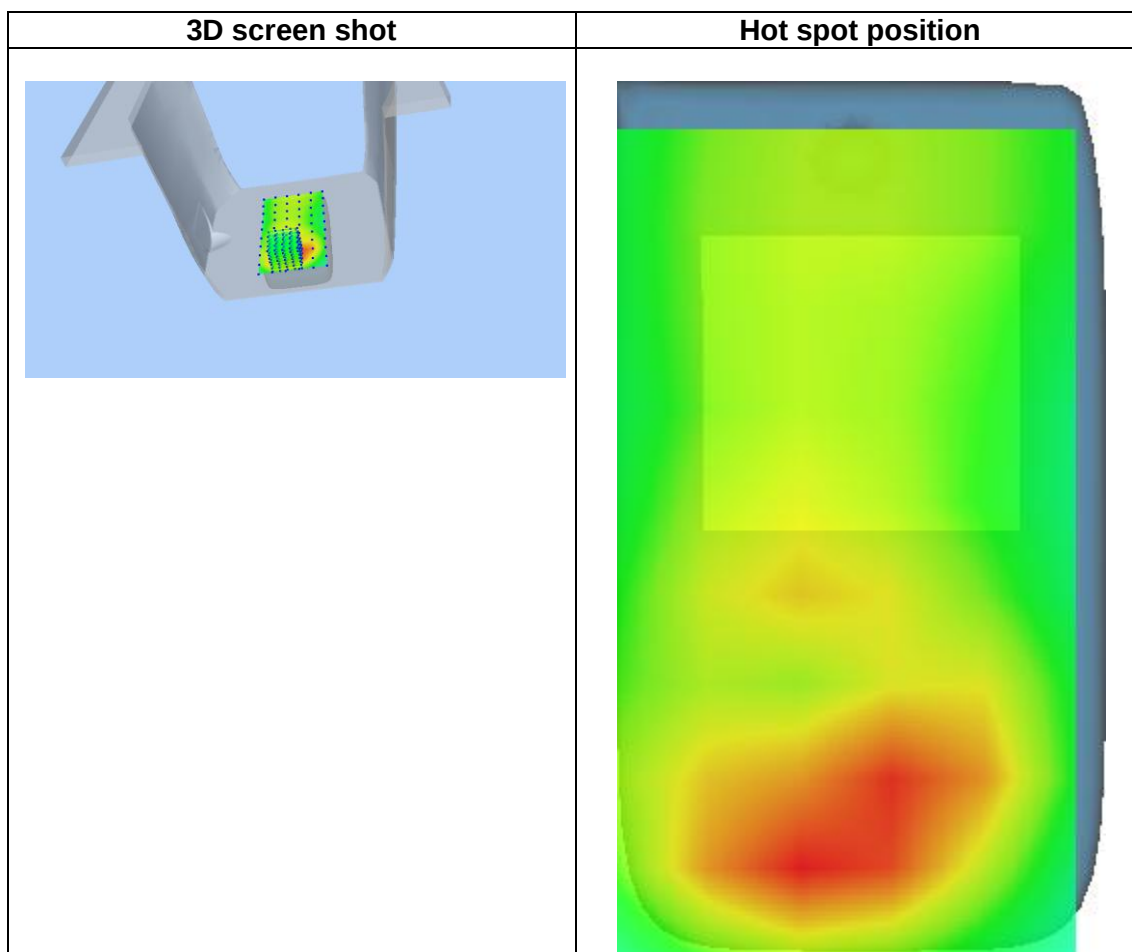
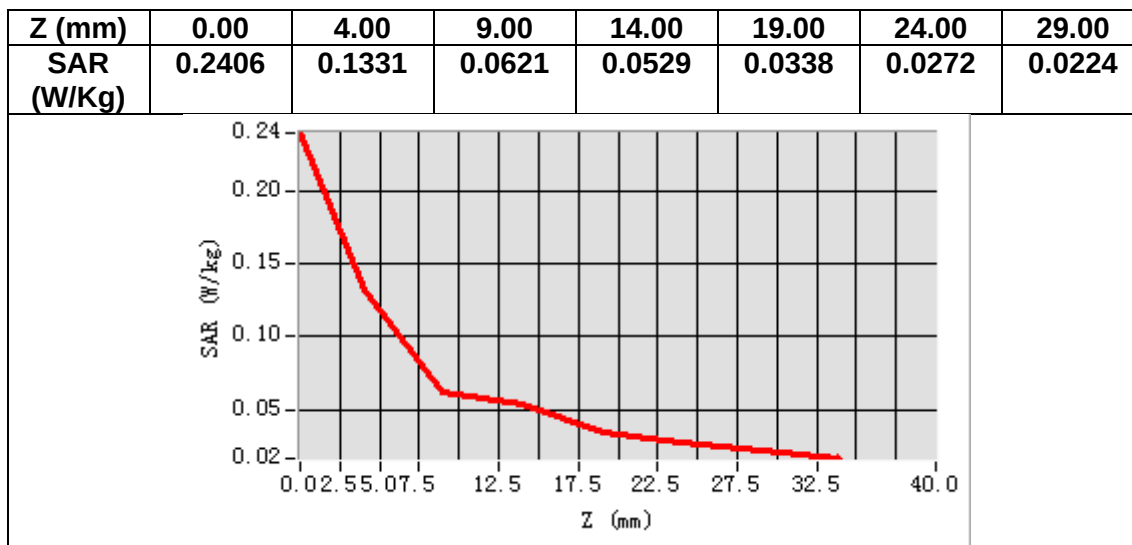
VOLUME SAR



Maximum location: X=-8.00, Y=-55.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.078072
SAR 1g (W/Kg)	0.131908



MEASUREMENT 39

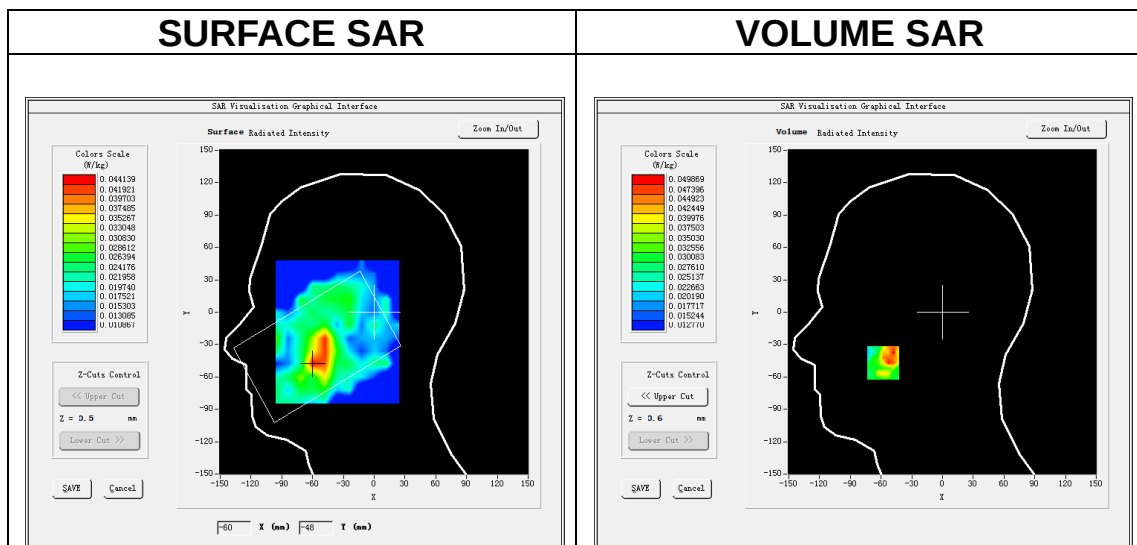
Date of measurement: 27/8/2024

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.6)</u>
<u>ConvF</u>	<u>1.87</u>

B. SAR Measurement Results

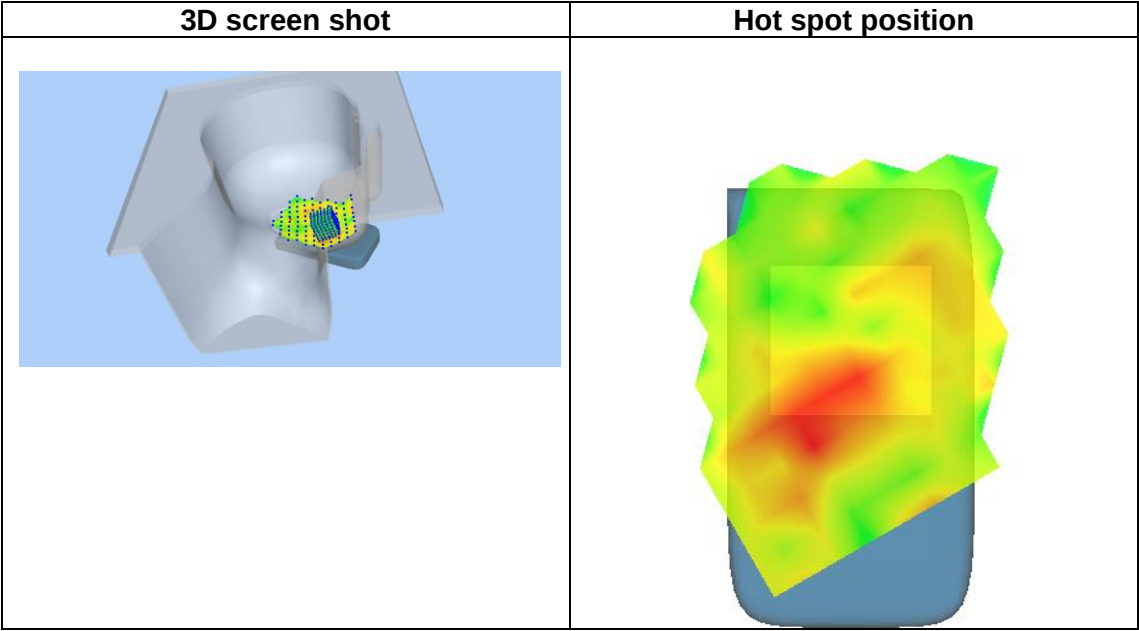
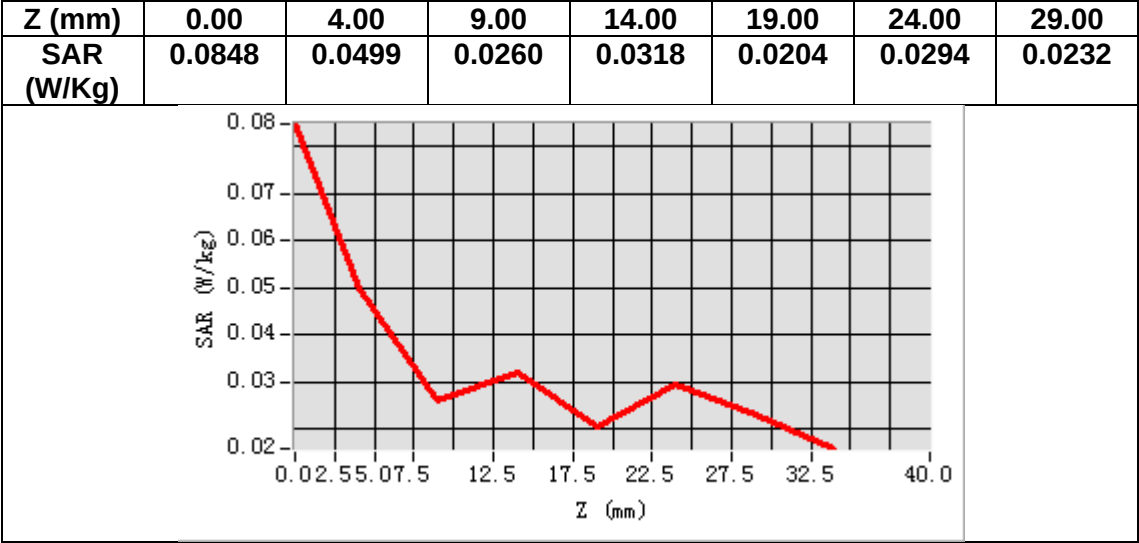
Frequency (MHz)	2593.000000
Relative permittivity (real part)	39.078884
Relative permittivity (imaginary part)	13.531177
Conductivity (S/m)	2.009241
Variation (%)	-1.020000



Maximum location: X=-58.00, Y=-47.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.031769
SAR 1g (W/Kg)	0.047089



MEASUREMENT 40

Date of measurement: 27/8/2024

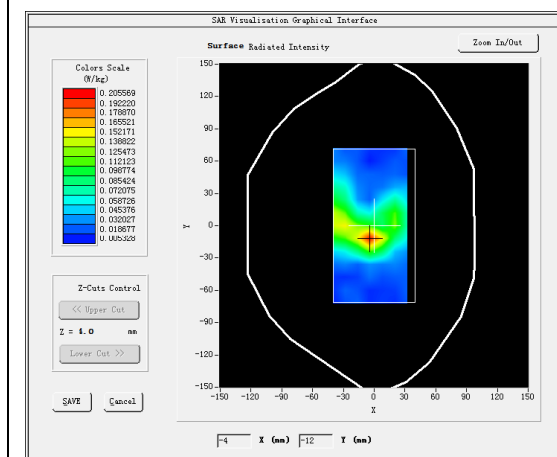
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.6)</u>
<u>ConvF</u>	<u>1.87</u>

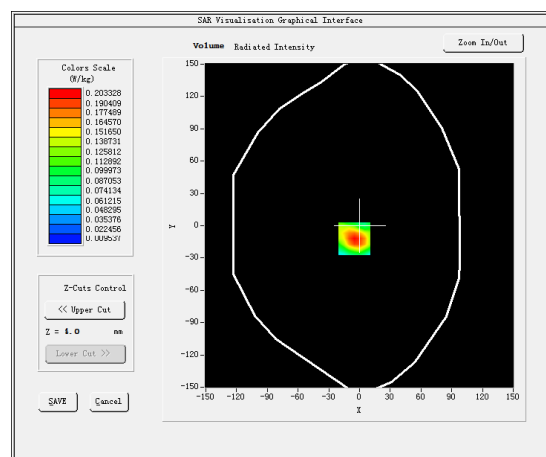
B. SAR Measurement Results

Frequency (MHz)	2593.000000
Relative permittivity (real part)	39.078884
Relative permittivity (imaginary part)	13.531177
Conductivity (S/m)	2.009241
Variation (%)	0.260000

SURFACE SAR



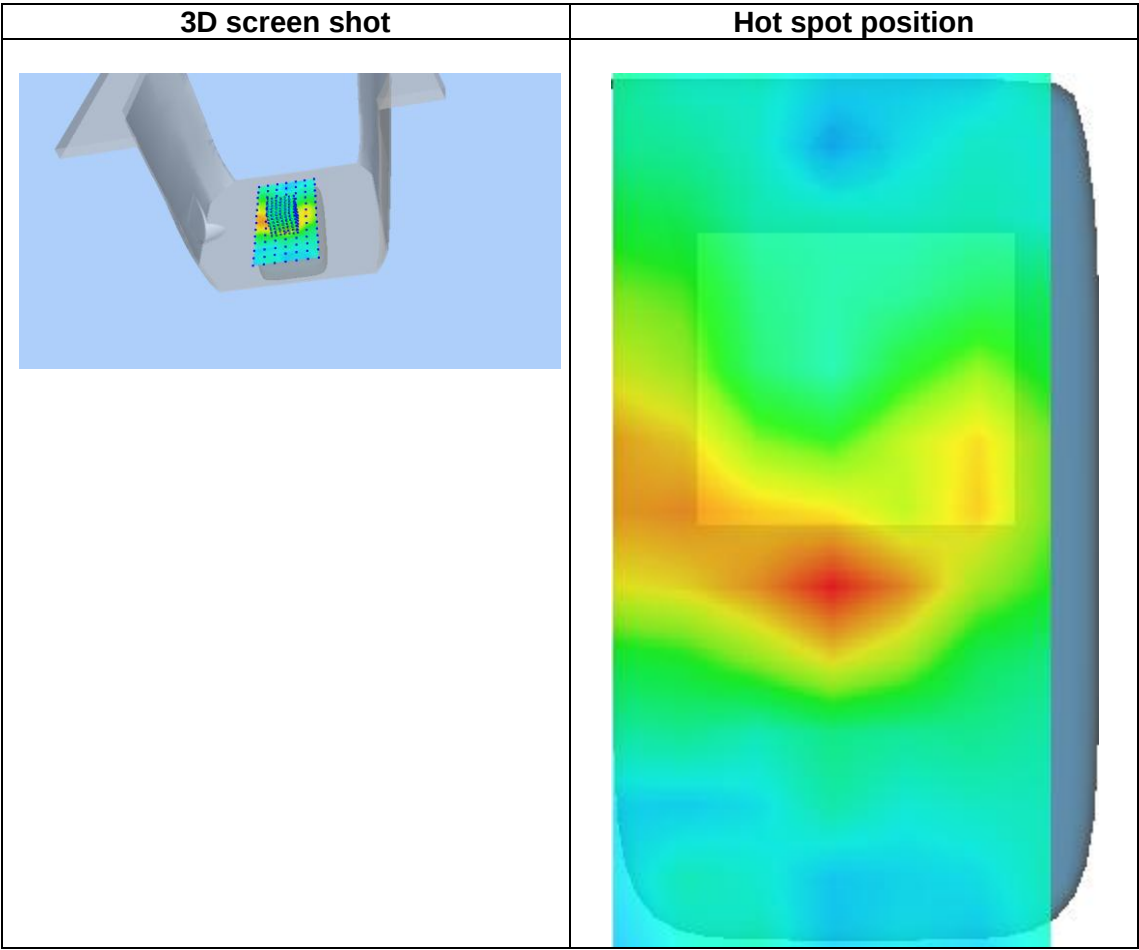
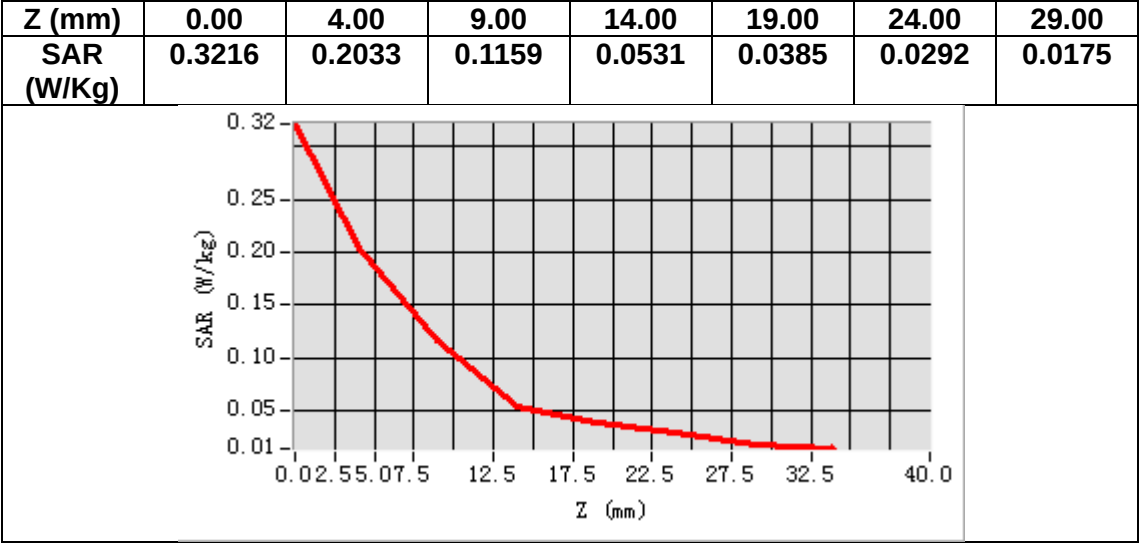
VOLUME SAR



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

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.097075
SAR 1g (W/Kg)	0.190270



MEASUREMENT 41

Date of measurement: 28/8/2024

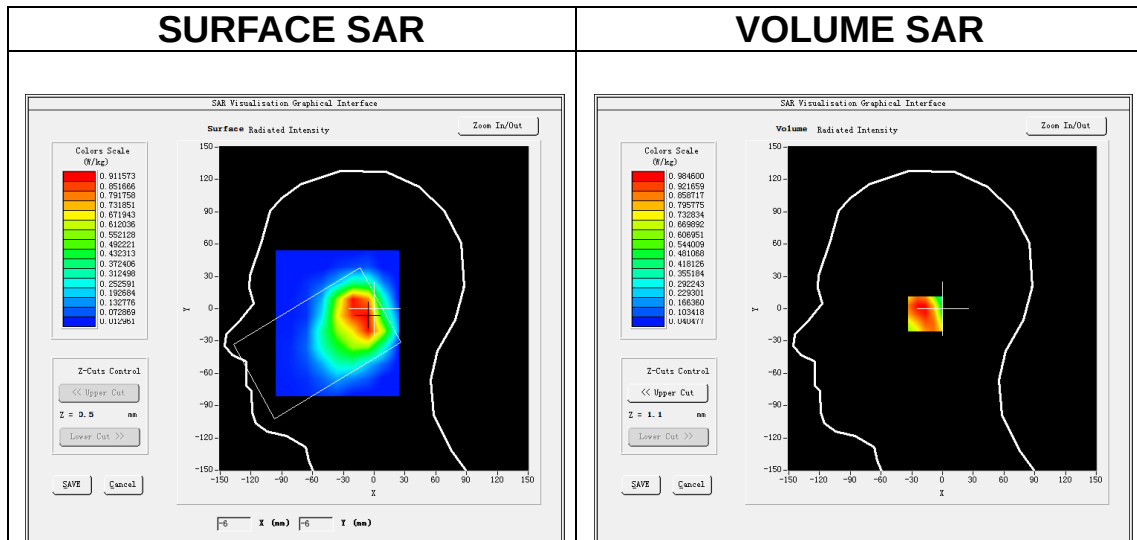
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>FDDBand66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

B. SAR Measurement Results

Frequency (MHz)	1770.000000
Relative permittivity (real part)	39.702129
Relative permittivity (imaginary part)	13.766647
Conductivity (S/m)	1.353720
Variation (%)	-0.490000

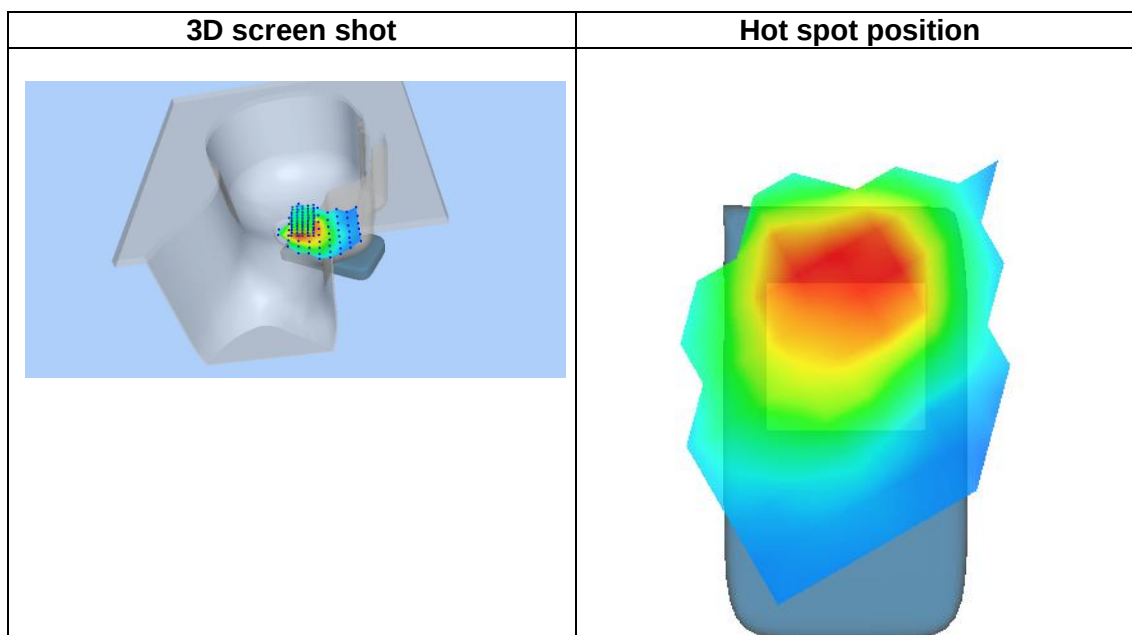
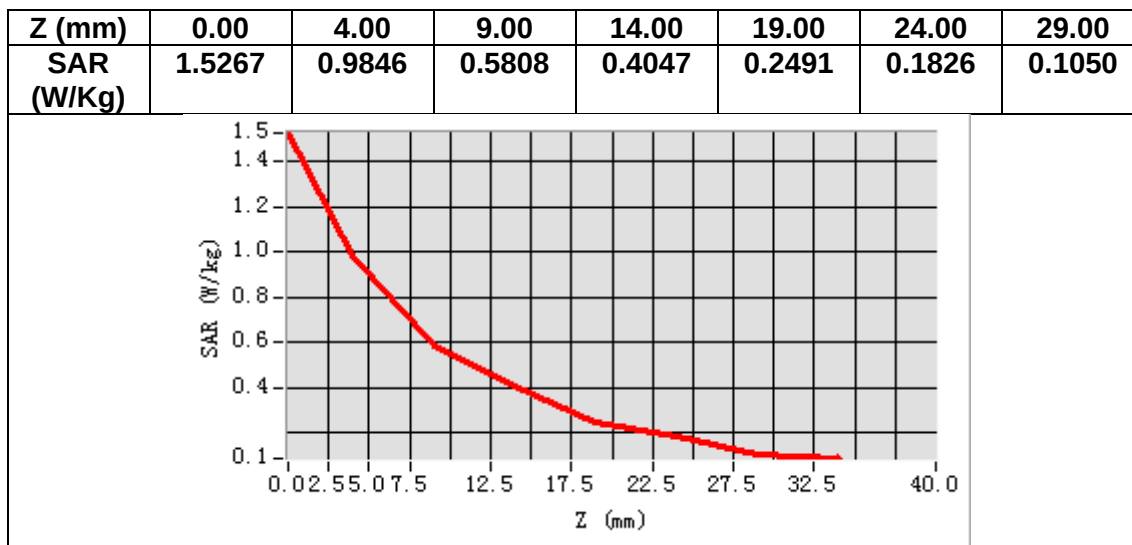
SURFACE SAR



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

SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.606678
SAR 1g (W/Kg)	0.962354



MEASUREMENT 42

Date of measurement: 28/8/2024

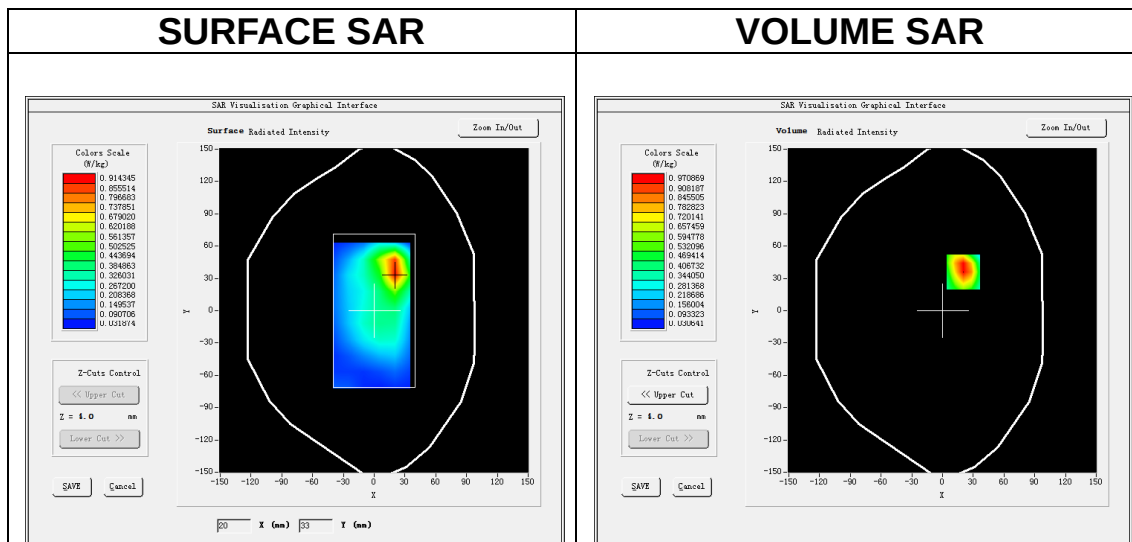
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=15mm dy=15mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>FDDBand66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

B. SAR Measurement Results

Frequency (MHz)	1770.000000
Relative permittivity (real part)	39.702129
Relative permittivity (imaginary part)	13.766647
Conductivity (S/m)	1.353720
Variation (%)	0.639999

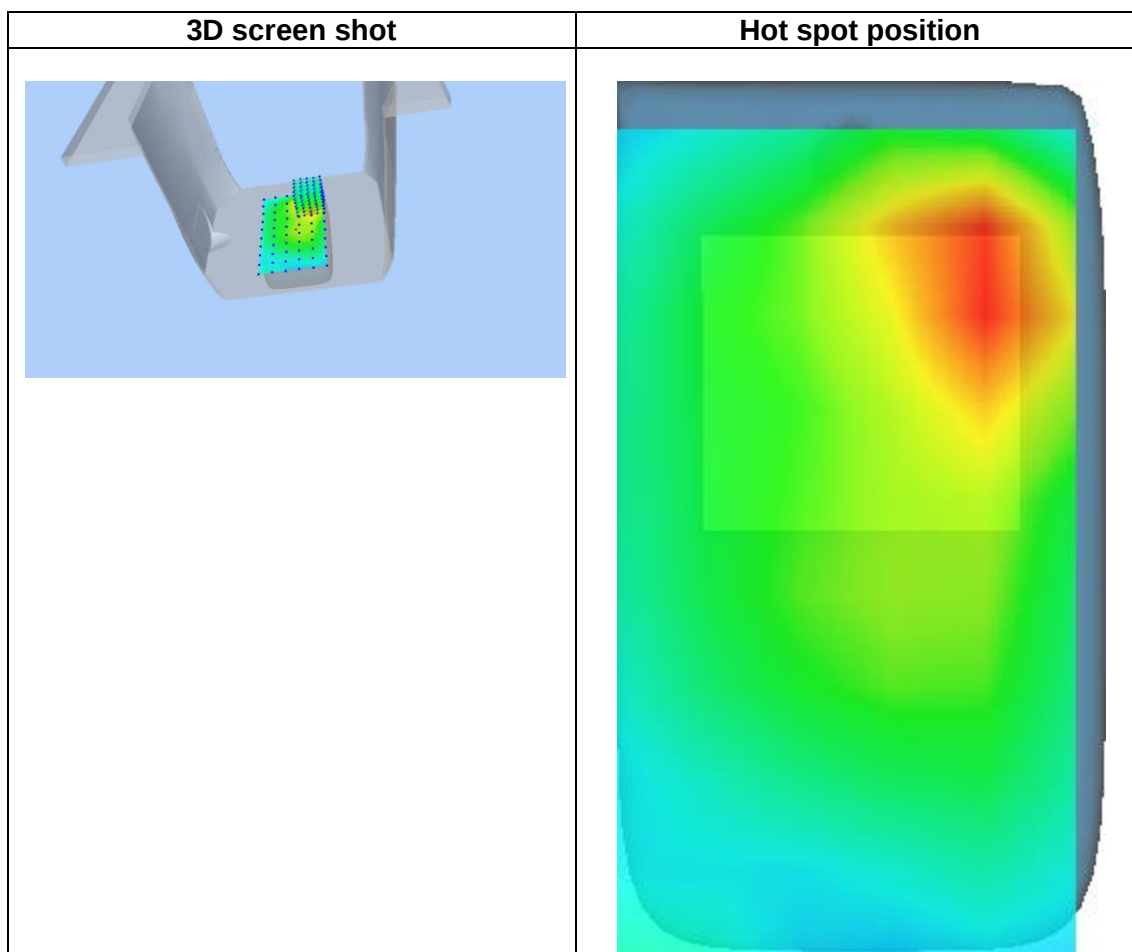
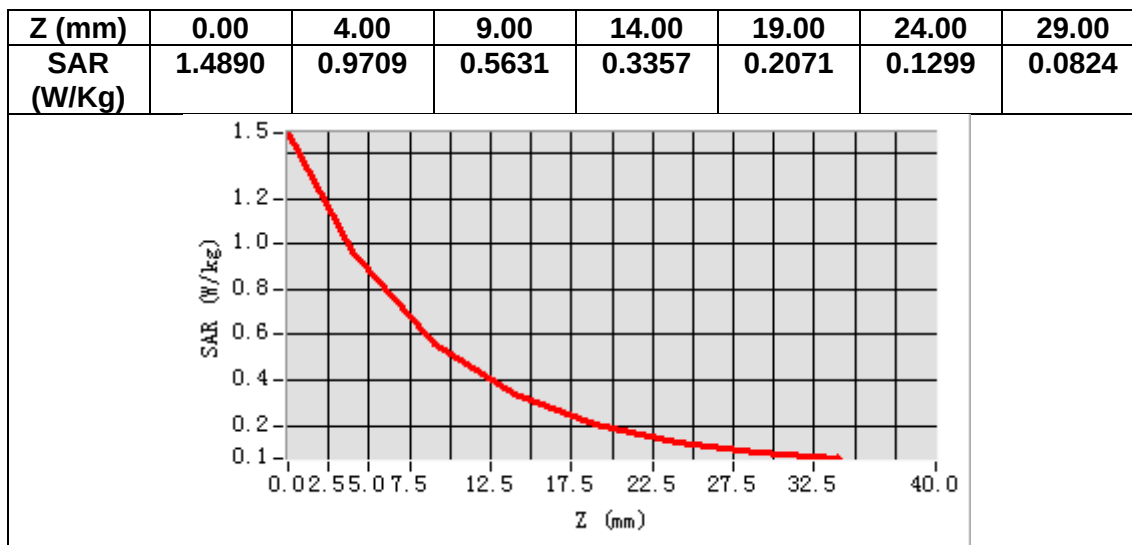
SURFACE SAR



Maximum location: X=20.00, Y=36.00

SAR Peak: 1.56 W/kg

SAR 10g (W/Kg)	0.434878
SAR 1g (W/Kg)	0.794915



14. Appendix D. Calibration Certificate

Table of contents
E Field Probe - 3423-EPGO-426
835 MHz Dipole - SN 03/15 DIP 0G835-347
1800 MHz Dipole - SN 03/15 DIP 1G800-349
1900 MHz Dipole - SN 03/15 DIP 1G900-350
2450 MHz Dipole - SN 03/15 DIP 2G450-352
2600 MHz Dipole - SN 03/15 DIP 2G600-356