

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#

		(VHT20)								
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NOTE: Body-worn SAR test results of WLAN5.6G

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	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 (VHT20)	0.155	0.075	-4.66	11.20	11.50	0.166	2024/9/05	17#
Right Side	100/5500	802.11ac (VHT20)	0.126	0.061	-2.07	11.20	11.50	0.135	2024/9/05	
Top Side	100/5500	802.11ac (VHT20)	0.096	0.044	3.17	11.20	11.50	0.103	2024/9/05	

NOTE: Hotspot SAR test results of WLAN5.6G

10.1.21. SAR measurement Result of WLAN5.8G

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	159/5795	802.11ac VHT40	0.121	0.057	-4.84	11.24	11.50	0.128	2024/9/06	14#
Left Tilt 15 Degree	159/5795	802.11ac VHT40	0.066	0.030	3.60	11.24	11.50	0.070	2024/9/06	
Right Cheek	159/5795	802.11ac VHT40	0.110	0.052	-2.03	11.24	11.50	0.117	2024/9/06	
Right Tilt 15 Degree	159/5795	802.11ac VHT40	0.054	0.024	1.91	11.24	11.50	0.057	2024/9/06	

NOTE: Head SAR test results of WLAN5.8G

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

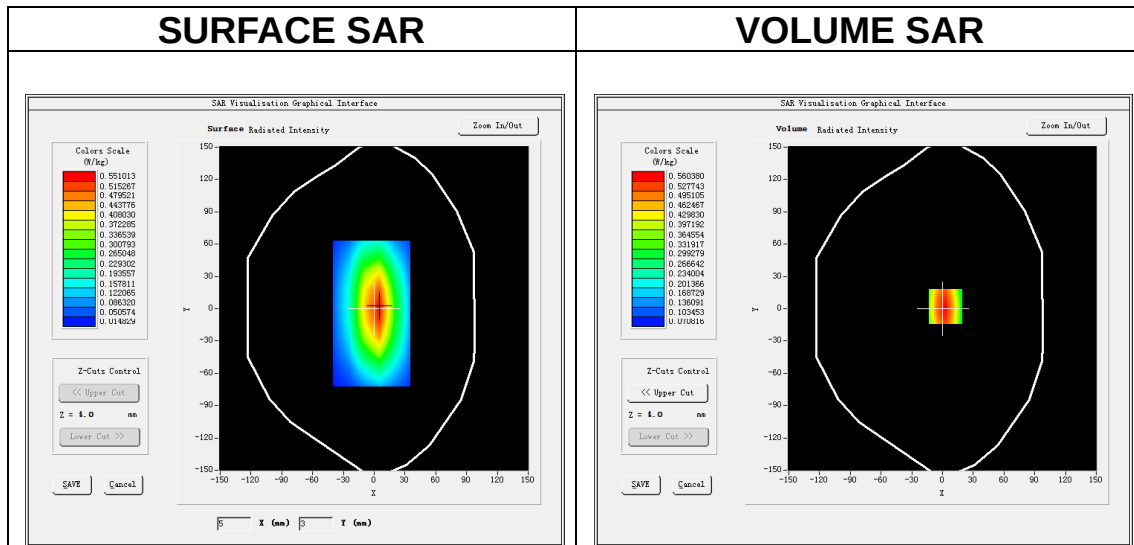
A. Experimental conditions.

<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

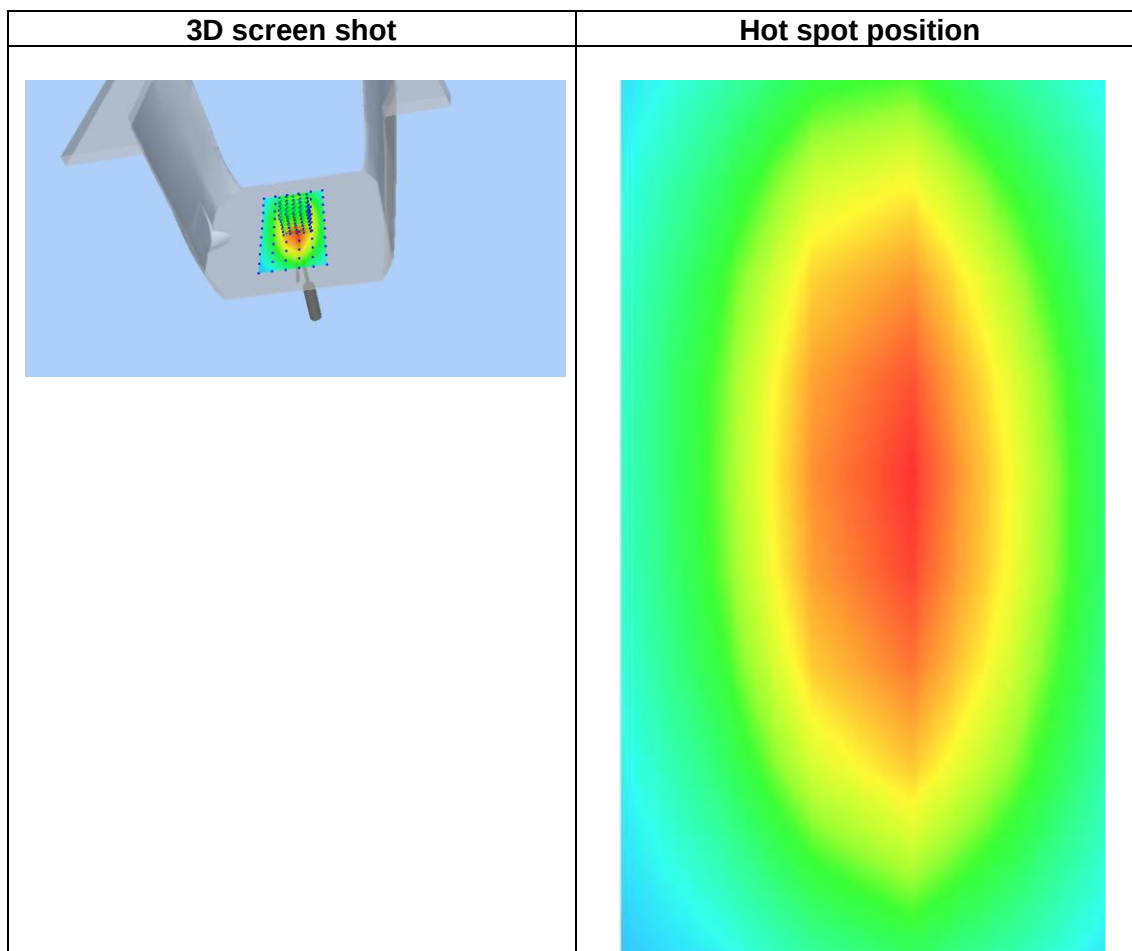
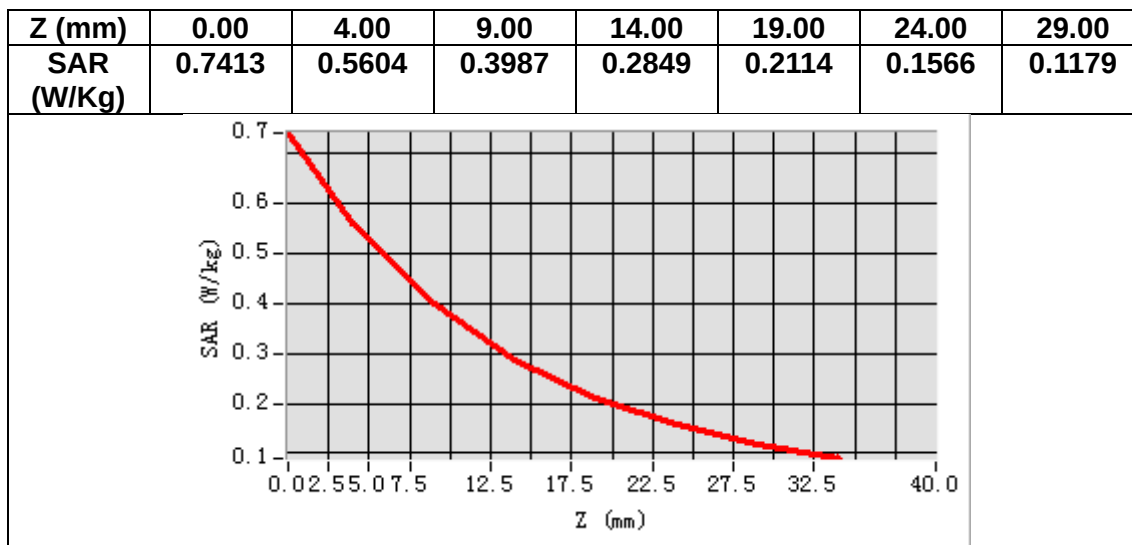
SURFACE SAR



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

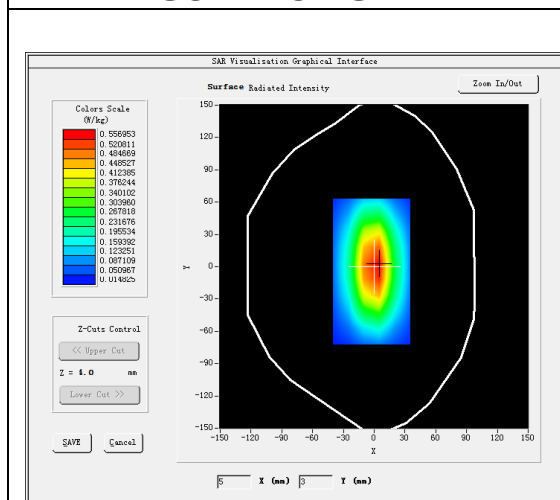
A. Experimental conditions.

<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>

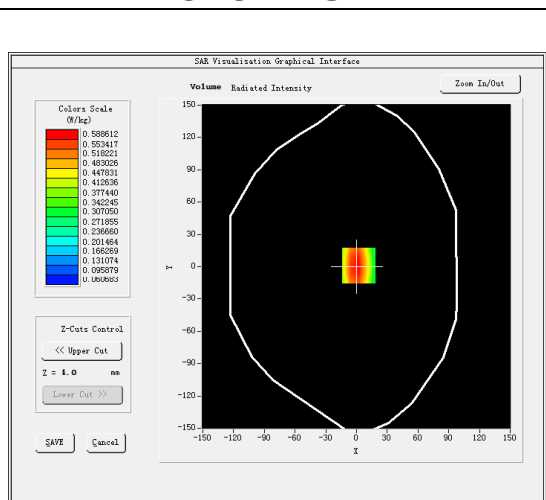
B. SAR Measurement Results

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



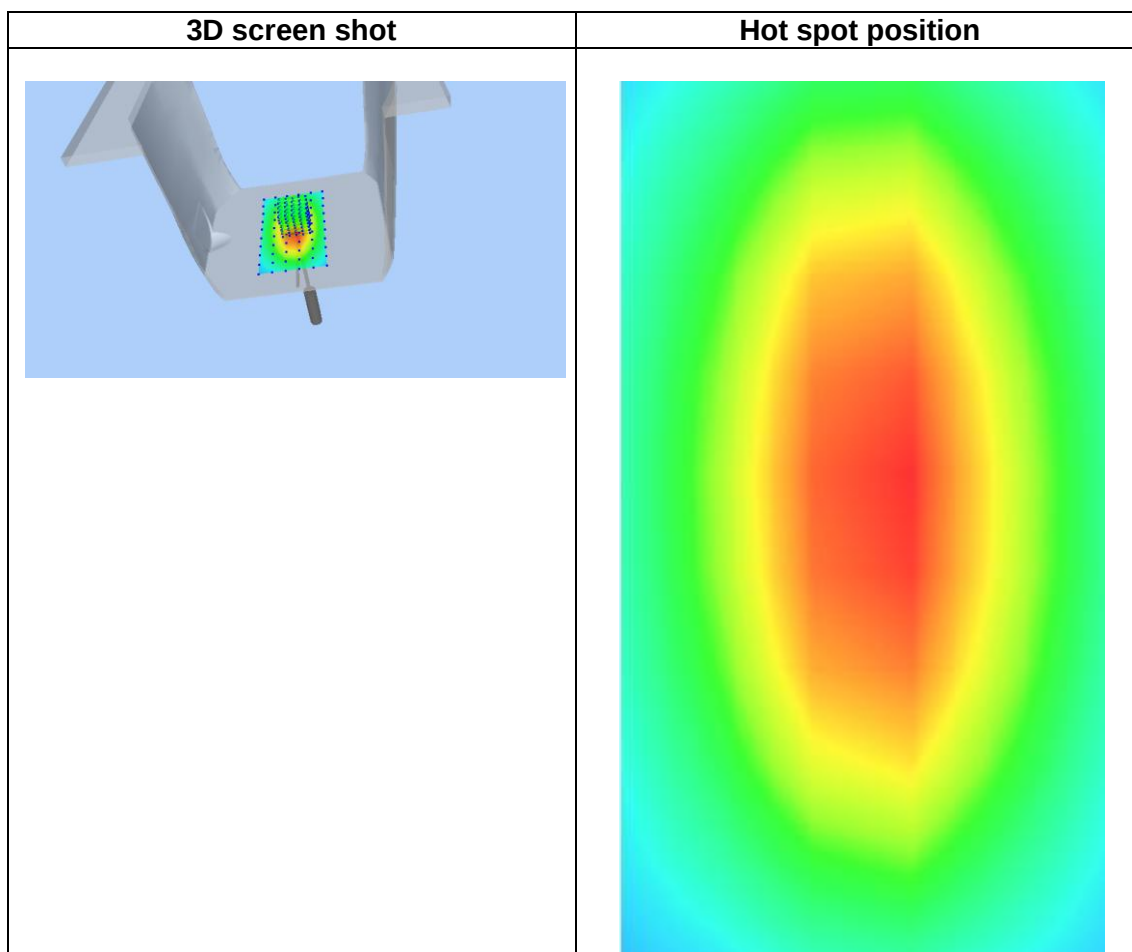
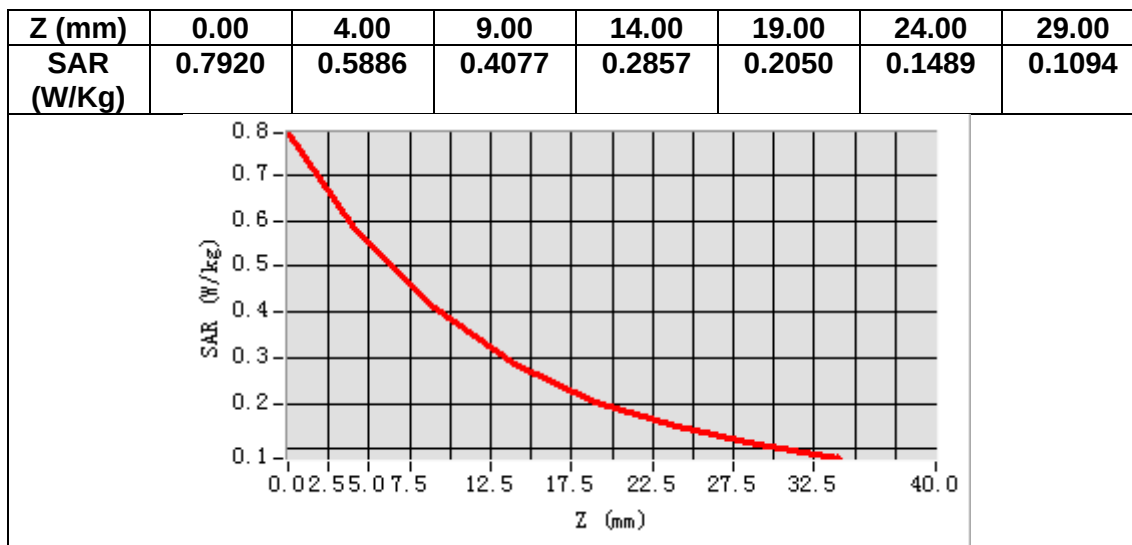
VOLUME SAR



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

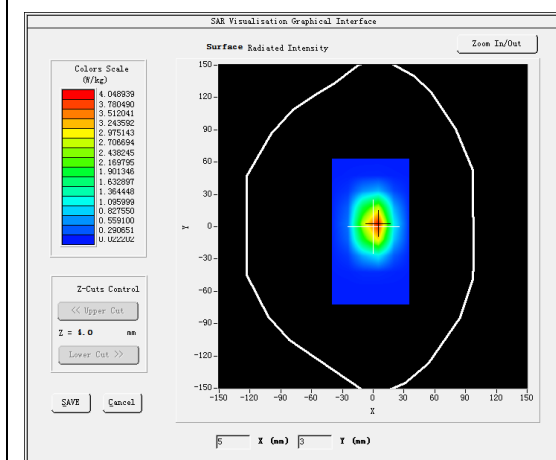
A. Experimental conditions.

<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>CW1800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.45</u>

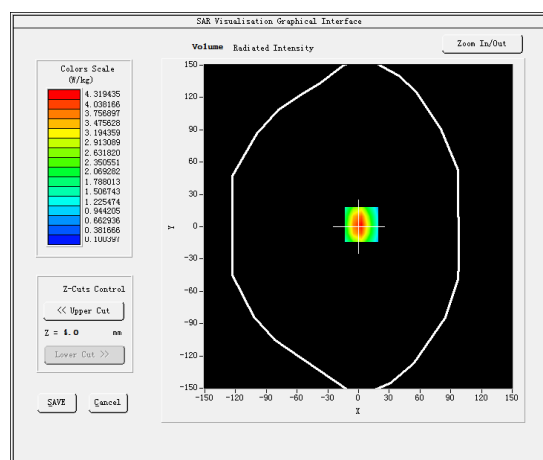
B. SAR Measurement Results

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



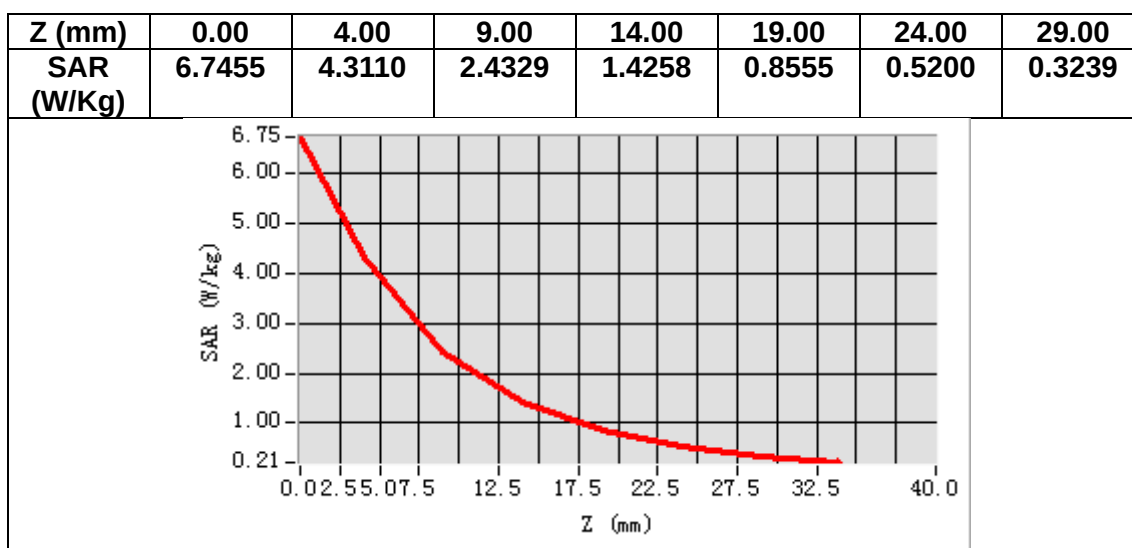
VOLUME SAR



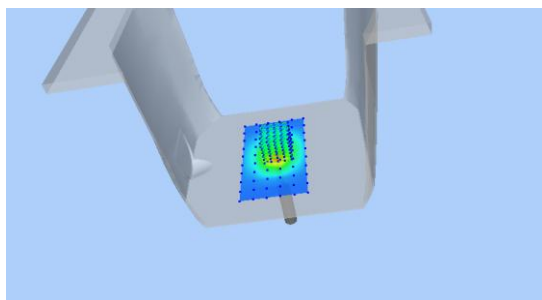
Maximum location: X=3.00, Y=2.00

SAR Peak: 6.82 W/kg

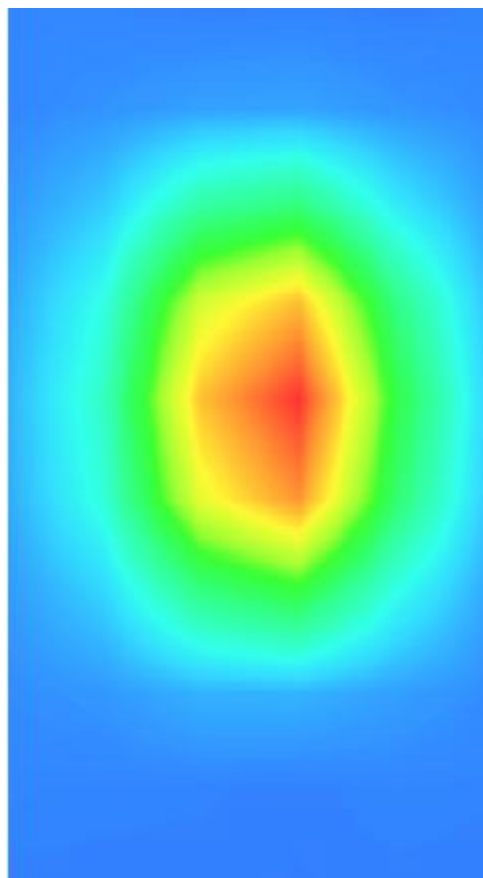
SAR 10g (W/Kg)	1.911124
SAR 1g (W/Kg)	3.457229



3D screen shot



Hot spot position



MEASUREMENT 4

Date of measurement: 10/9/2024

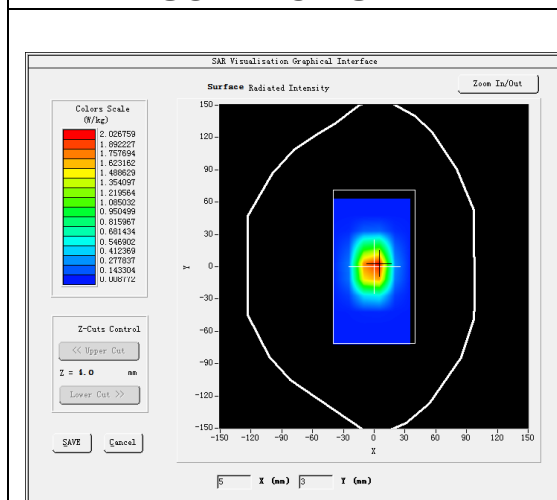
A. Experimental conditions.

<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>

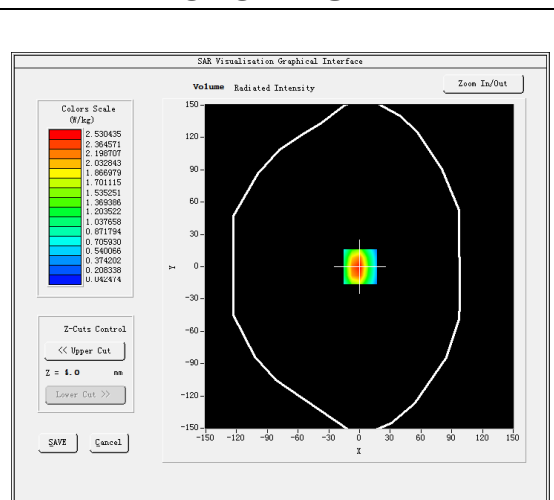
B. SAR Measurement Results

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

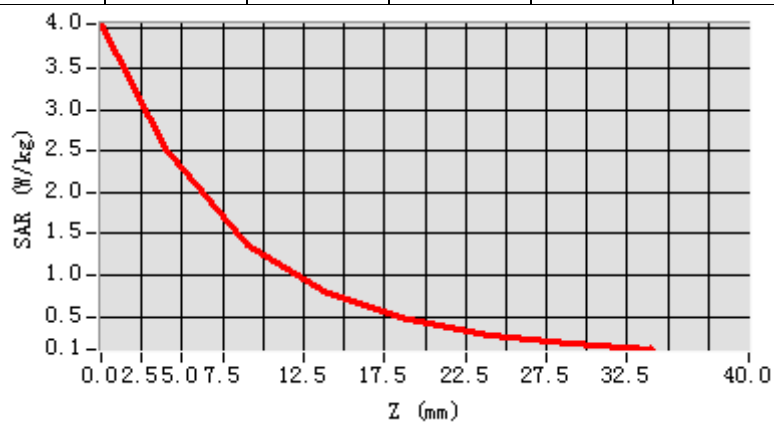


Maximum location: X=1.00, Y=0.00

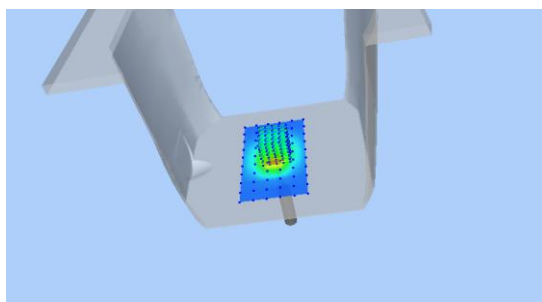
SAR Peak: 4.18 W/kg

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

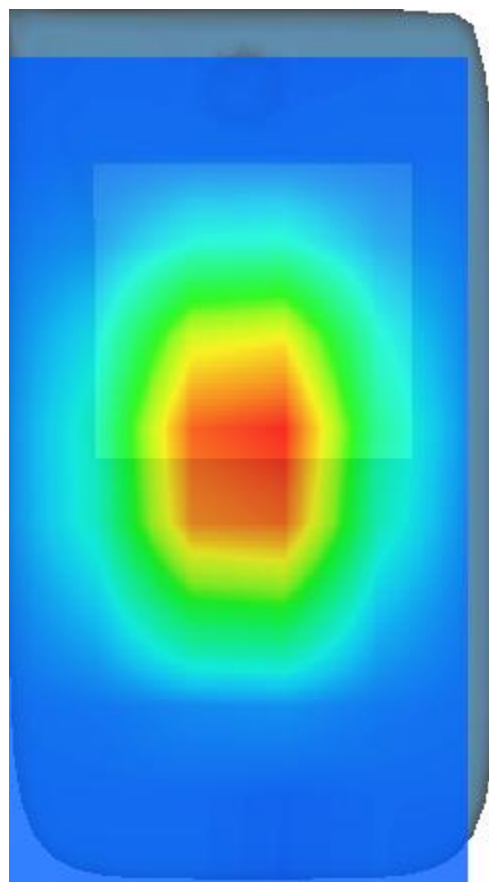
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.0413	2.5304	1.3779	0.7793	0.4580	0.2708	0.1664



3D screen shot



Hot spot position



MEASUREMENT 5

Date of measurement: 16/9/2024

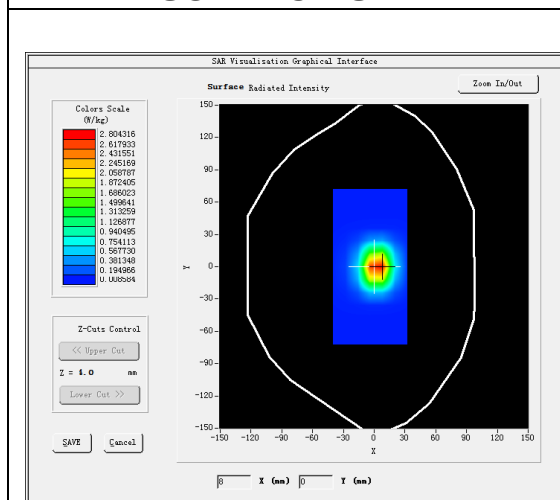
A. Experimental conditions.

<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>

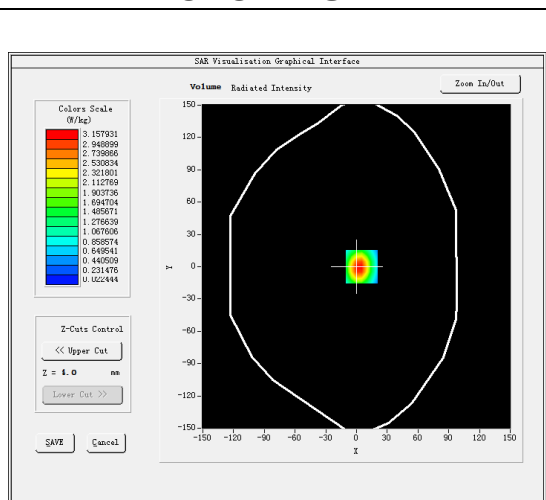
B. SAR Measurement Results

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



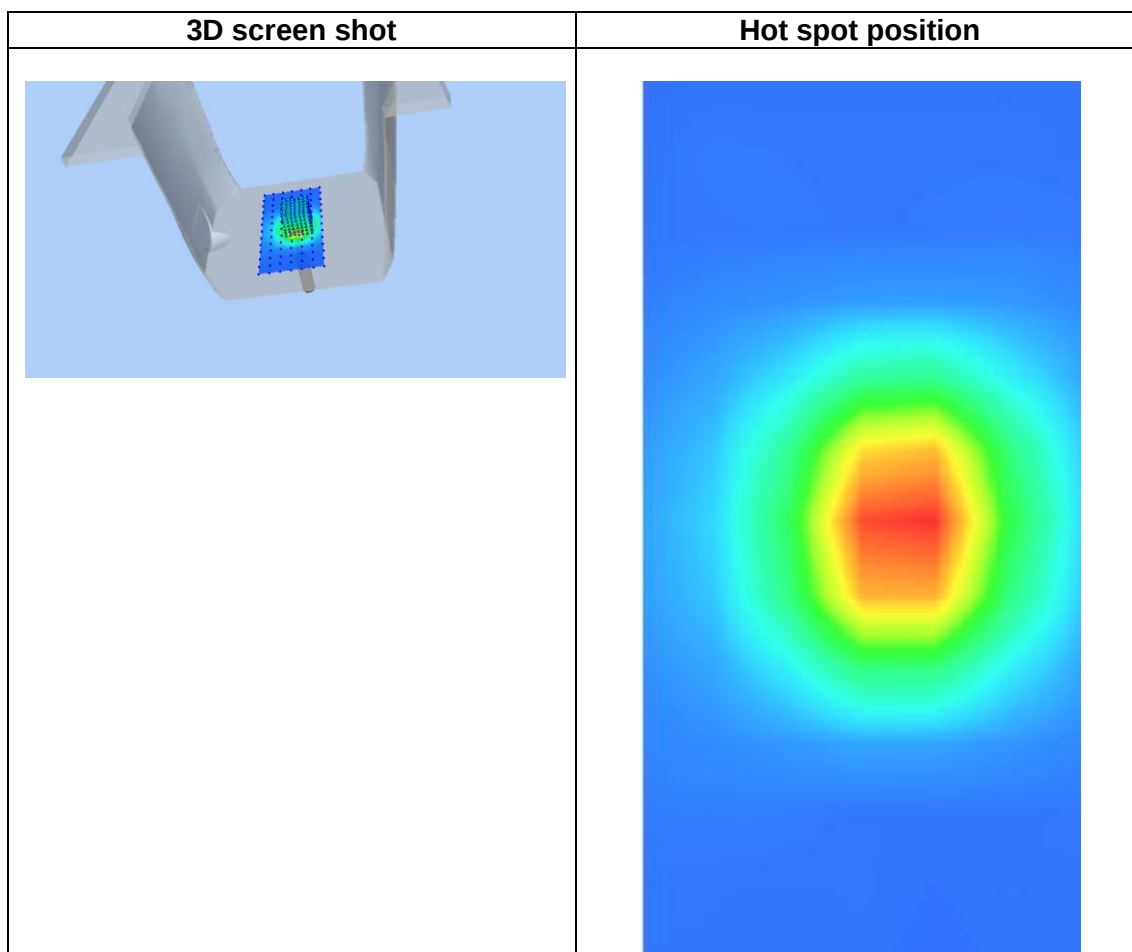
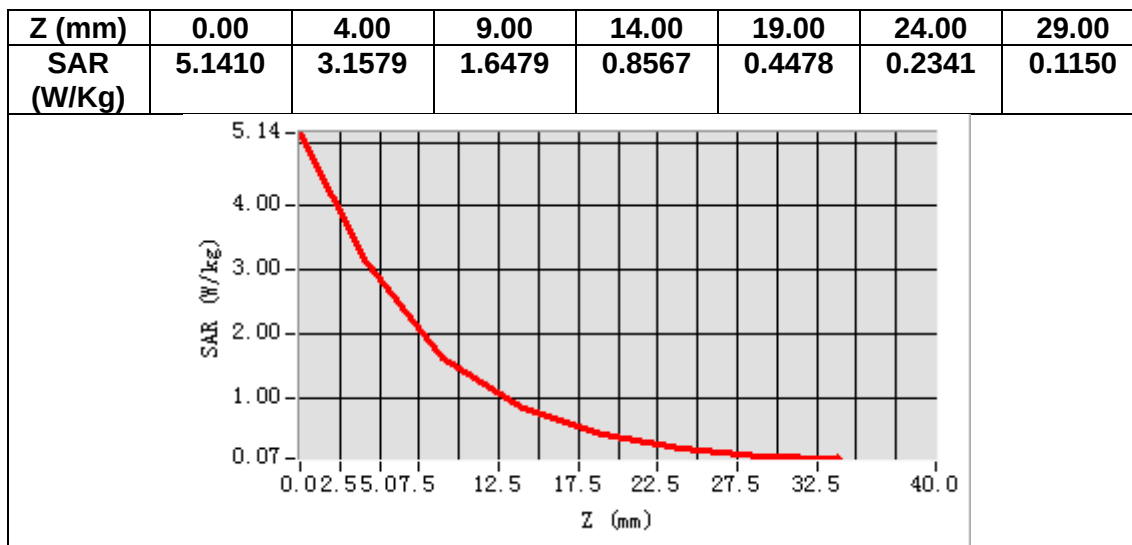
VOLUME SAR



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

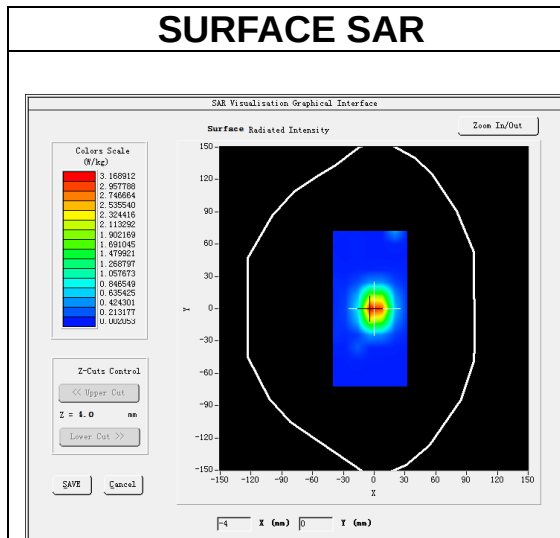
A. Experimental conditions.

<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>

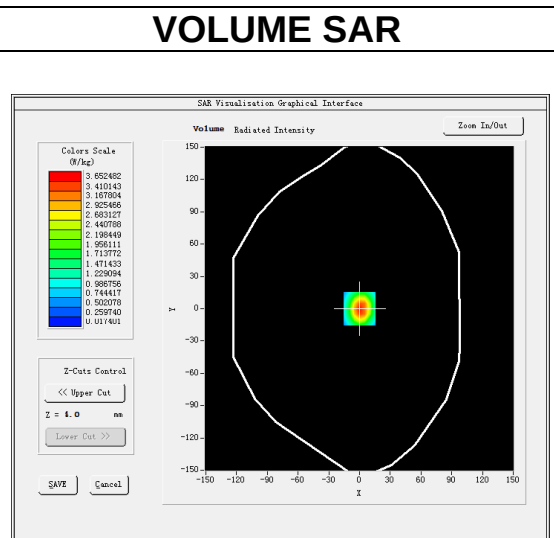
B. SAR Measurement Results

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



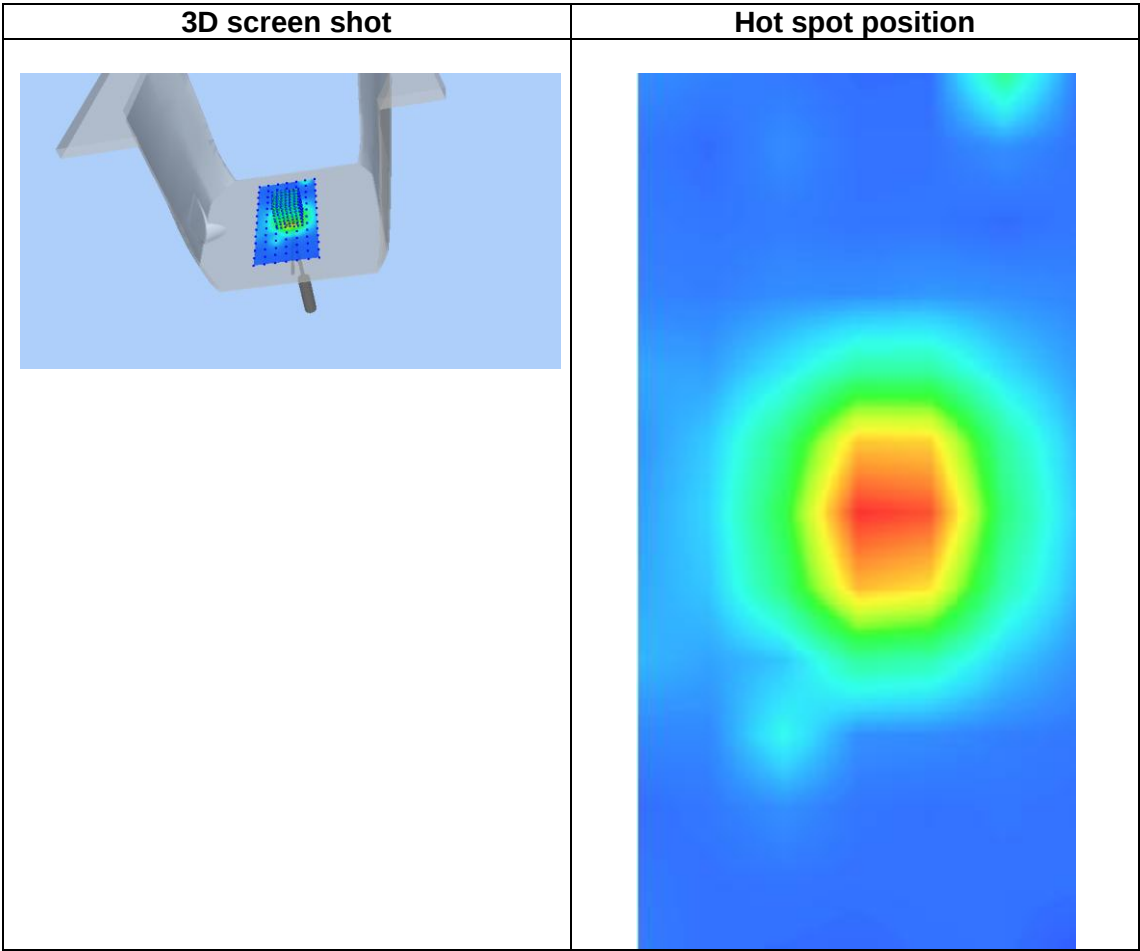
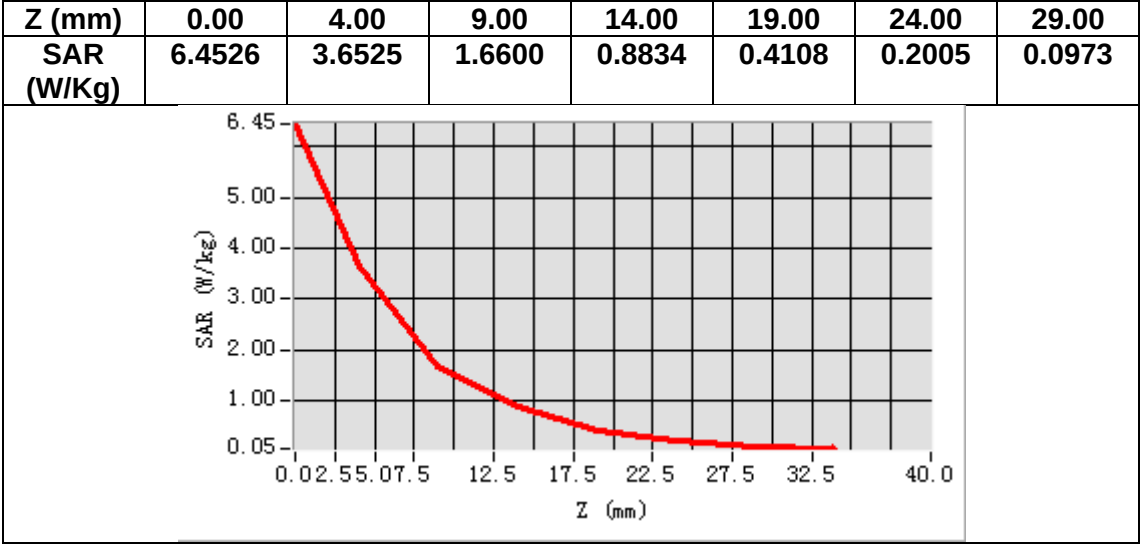
Maximum location: X=0.00, Y=0.00

SAR Peak: 6.35 W/kg

SAR 10g (W/Kg)

1.513066

SAR 1g (W/Kg)	3.343411
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MEASUREMENT 7

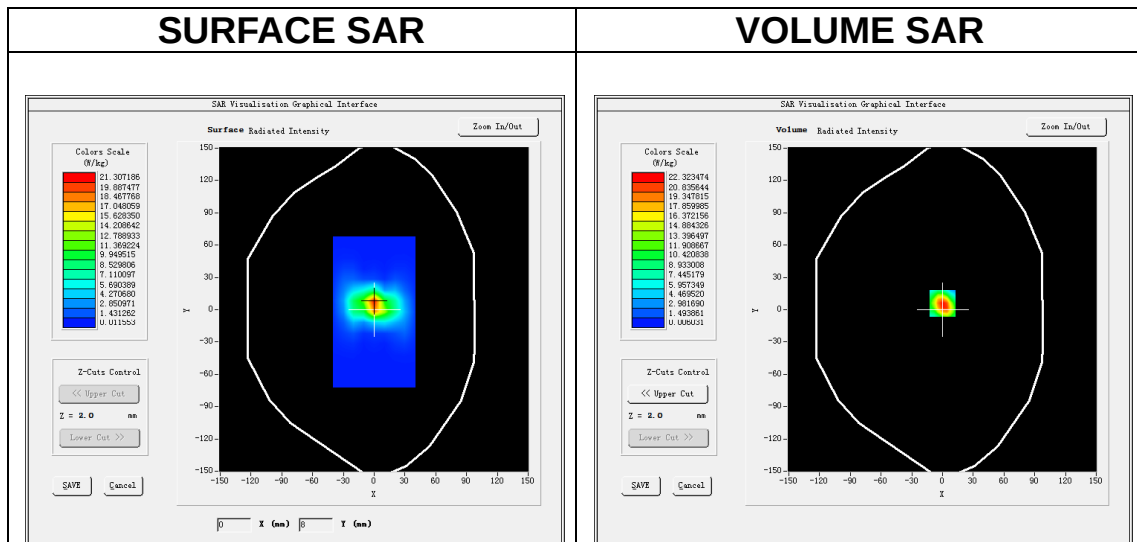
Date of measurement: 3/9/2024

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

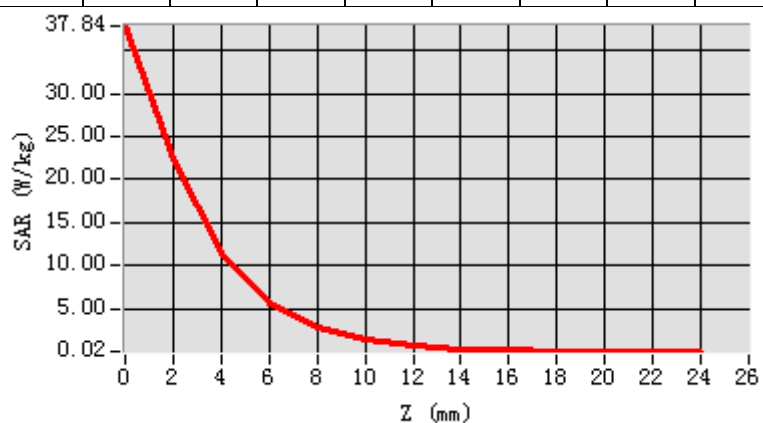
Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.894737
Relative permittivity (imaginary part)	15.877389
Conductivity (S/m)	4.586801
Variation (%)	-0.900000

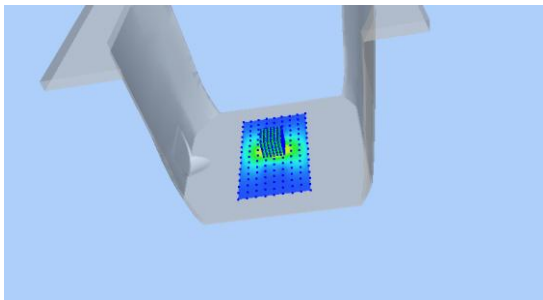
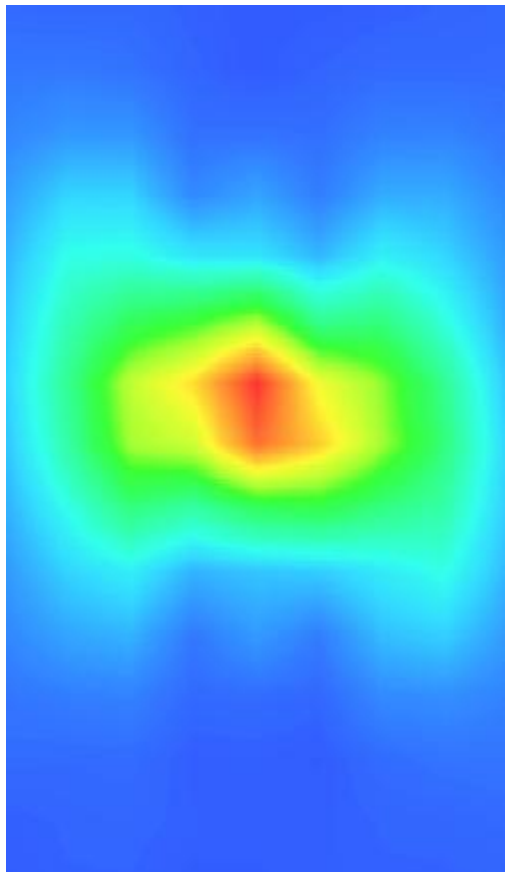


Maximum location: X=0.00, Y=6.00
SAR Peak: 40.06 W/kg

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	12.0	14.0	16.0	18.0	20.0	22.0
SA R (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

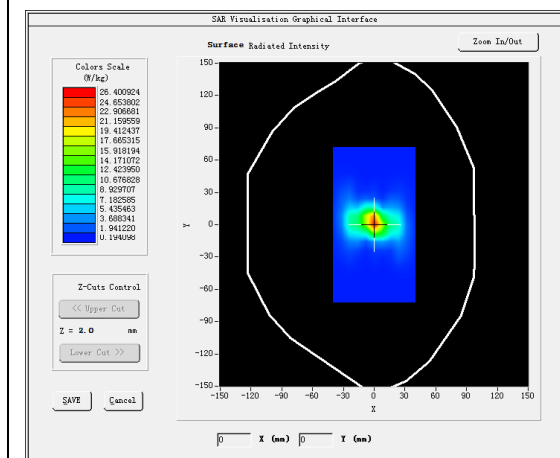
A. Experimental conditions.

<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>

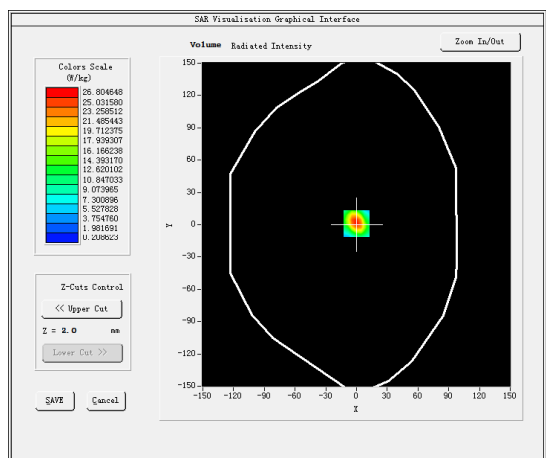
B. SAR Measurement Results

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



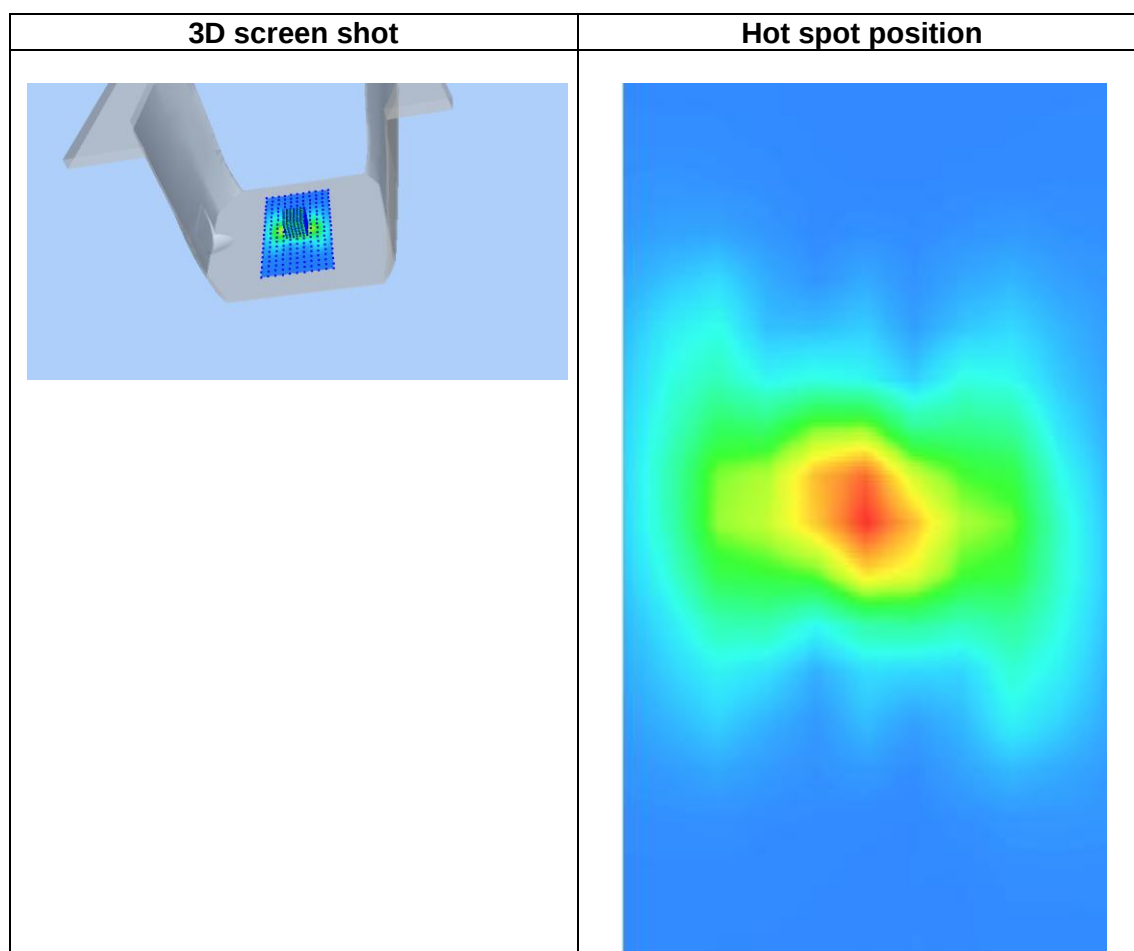
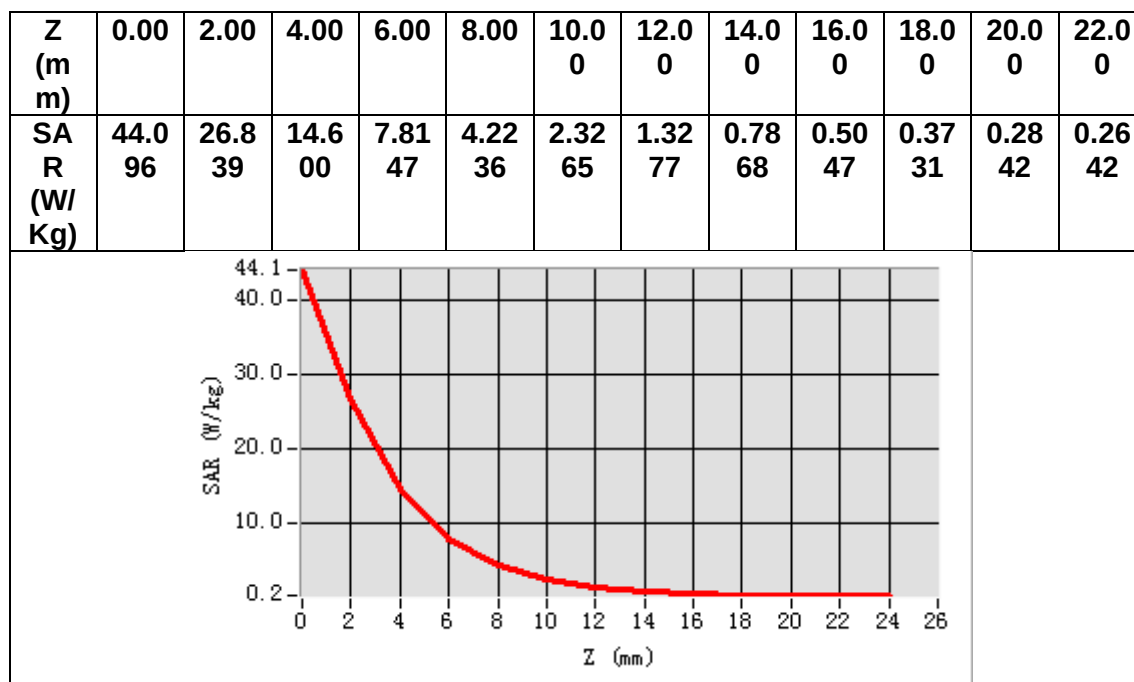
VOLUME SAR



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

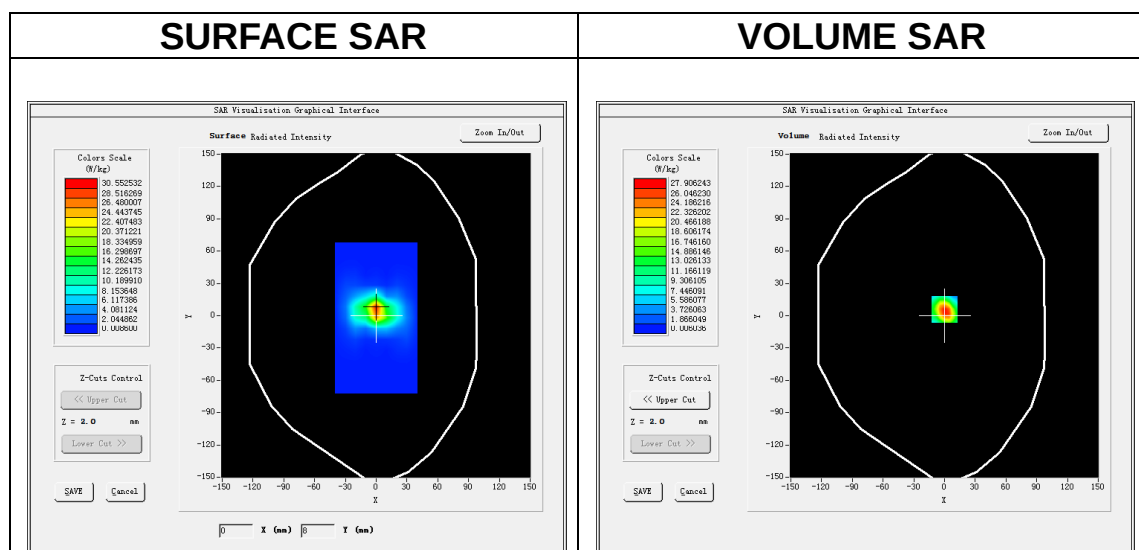
Date of measurement: 5/9/2024

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

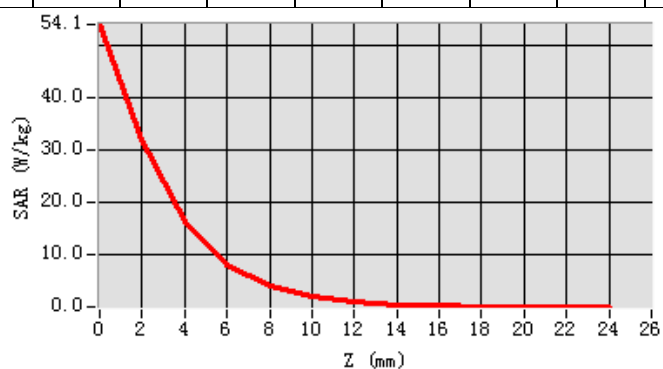


Maximum location: X=0.00, Y=6.00

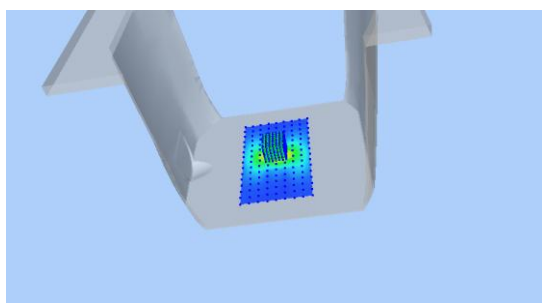
SAR Peak: 51.23 W/kg

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

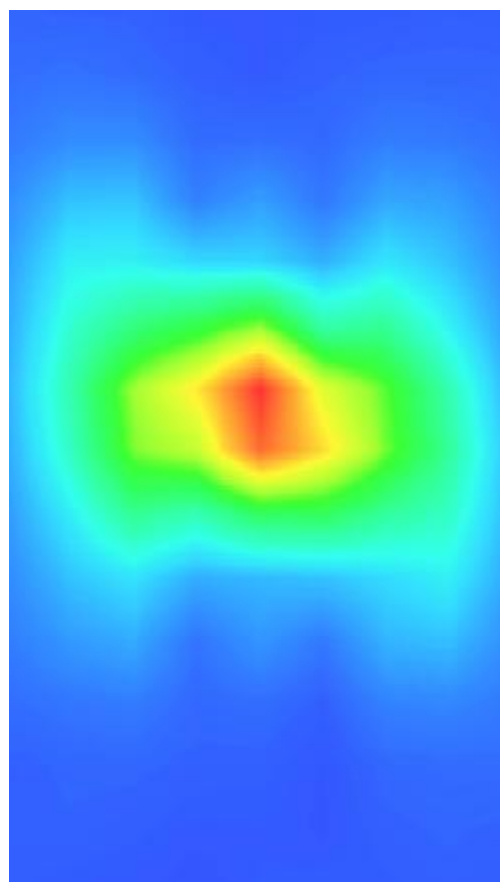
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	54.1 22	31.9 92	16.3 13	8.17 15	4.08 85	3.81 79	1.03 95	0.46 38	0.27 84	0.13 41	0.07 52	0.05 51



3D screen shot



Hot spot position



MEASUREMENT 10

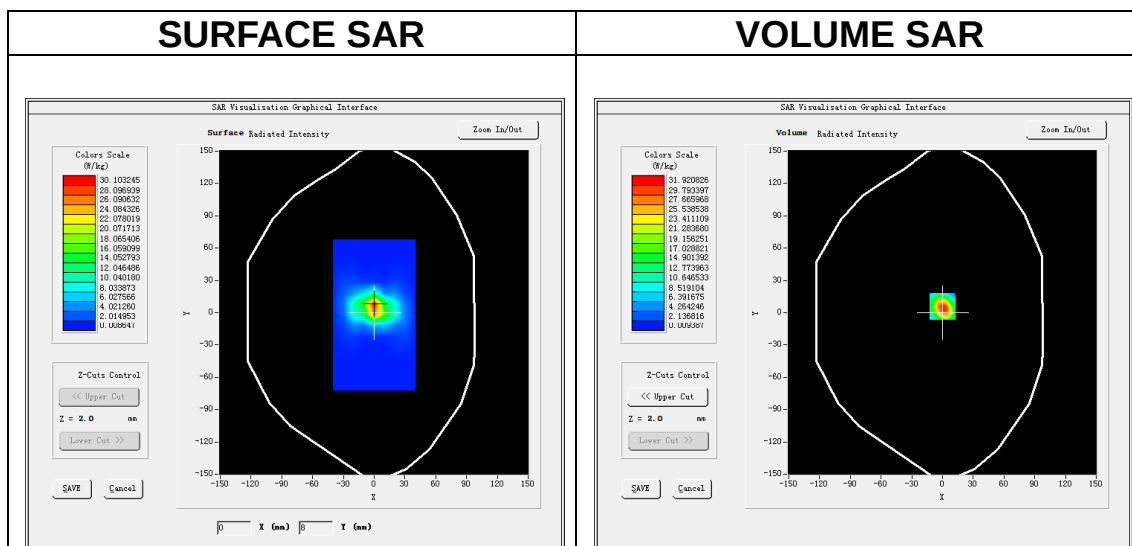
Date of measurement: 6/9/2024

A. Experimental conditions.

<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>CW5800</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>CW (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.04</u>

B. SAR Measurement Results

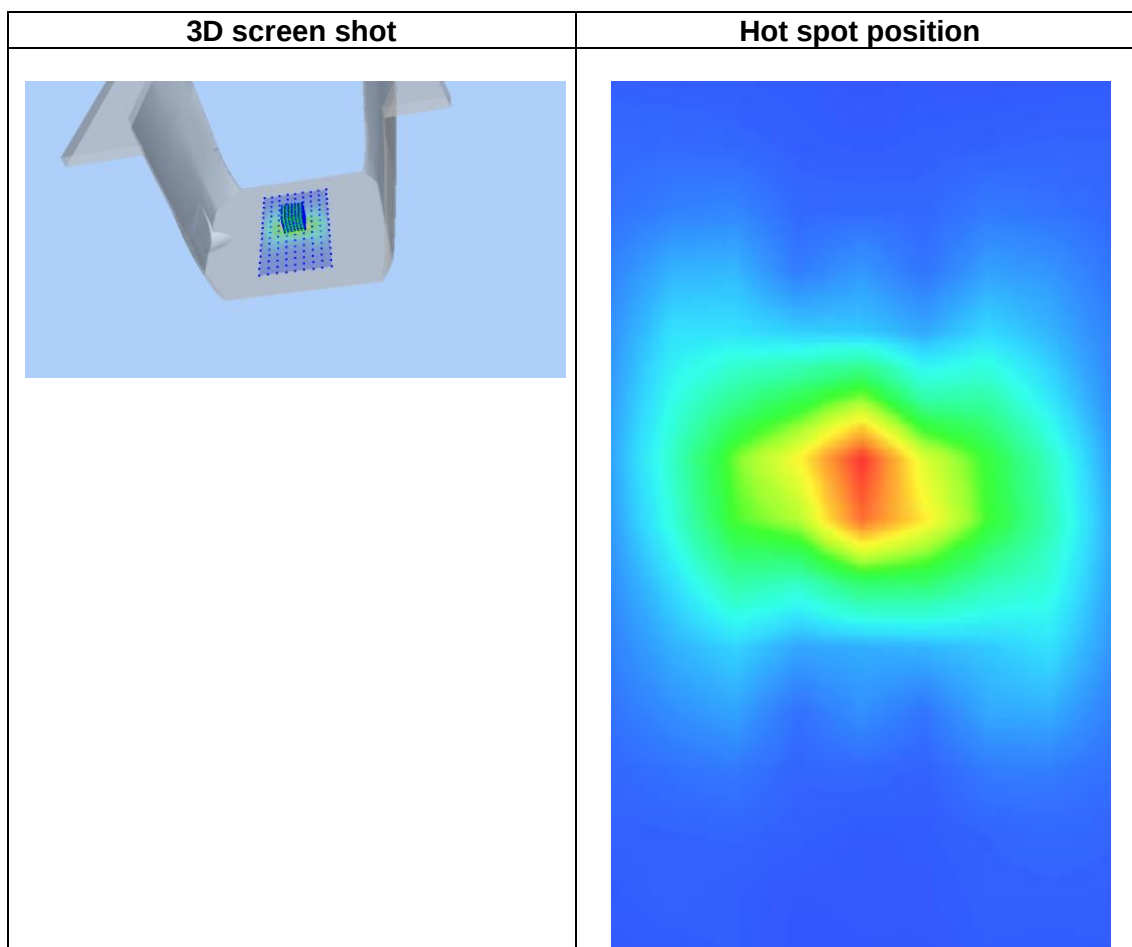
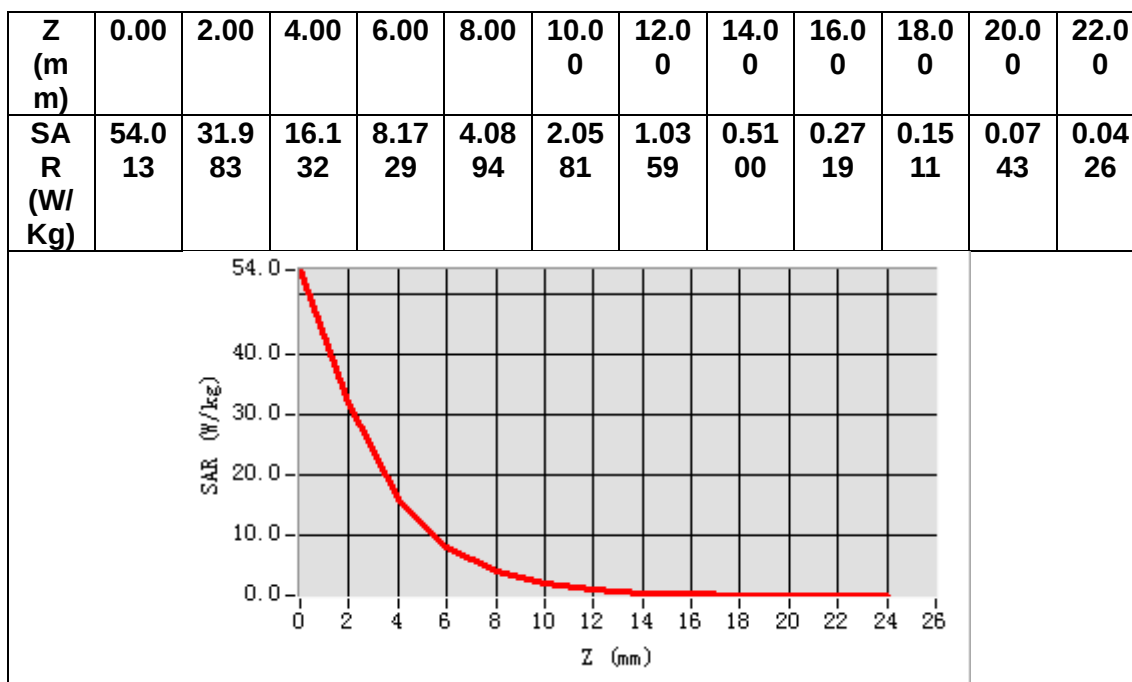
Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.425021
Relative permittivity (imaginary part)	15.888565
Conductivity (S/m)	5.119649
Variation (%)	3.290000



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

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MEASUREMENT 42 LTE Band 66 Body

MEASUREMENT 1

Date of measurement: 30/8/2024

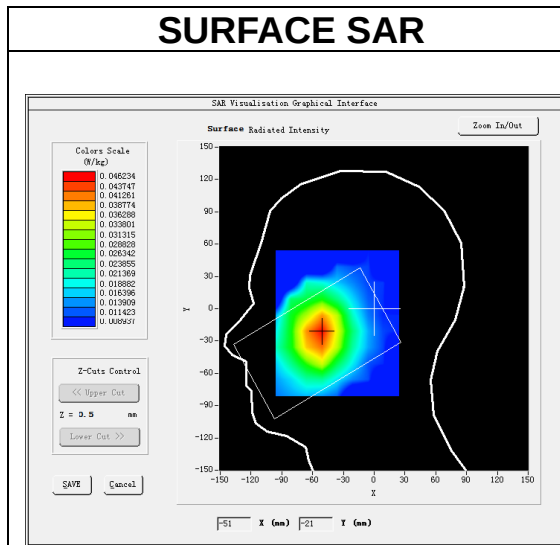
A. Experimental conditions.

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>

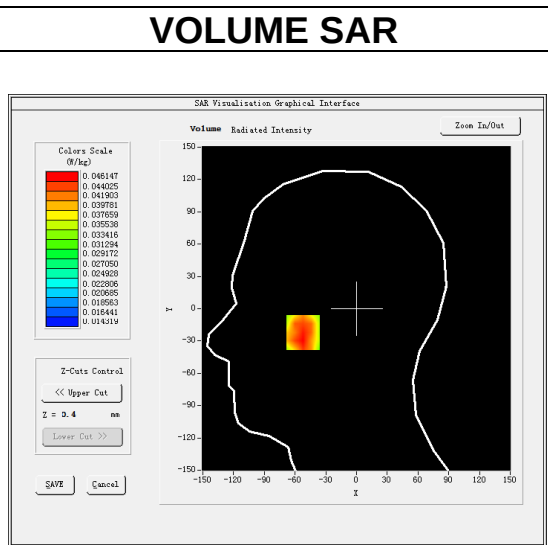
B. SAR Measurement Results

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



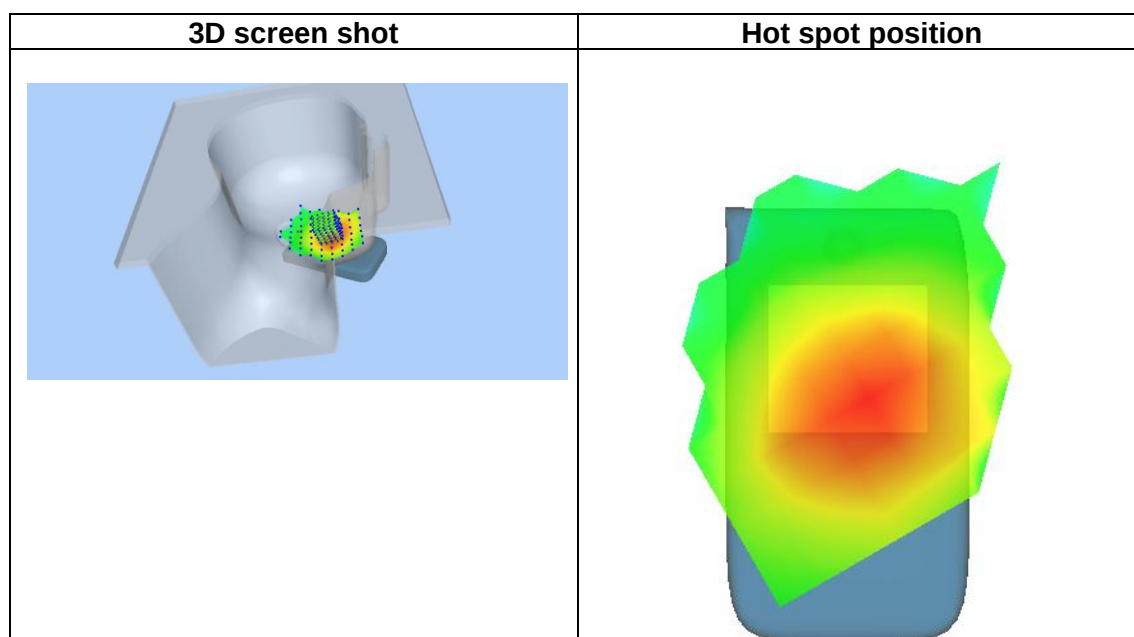
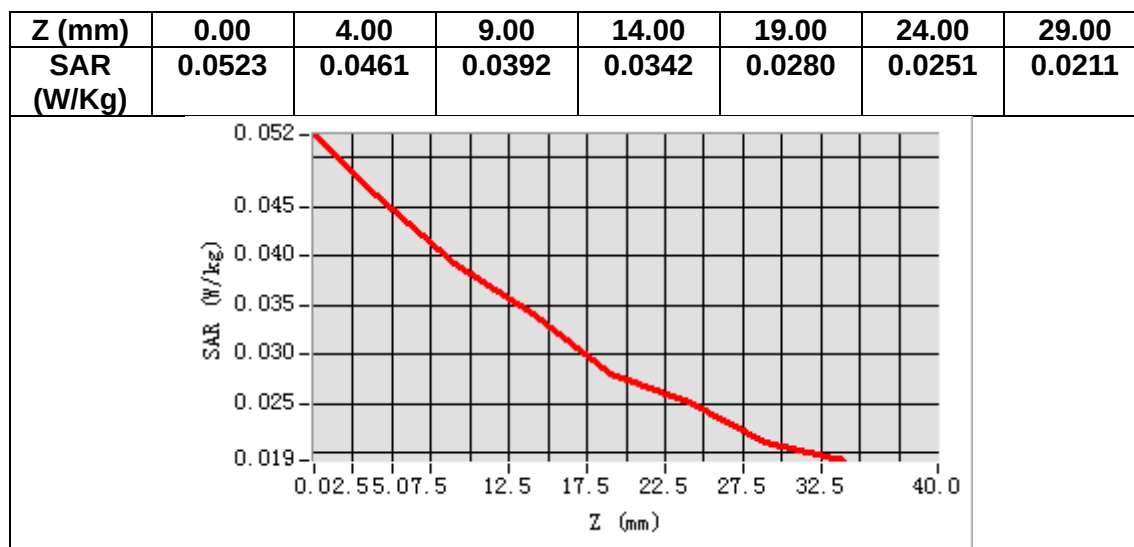
VOLUME SAR



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

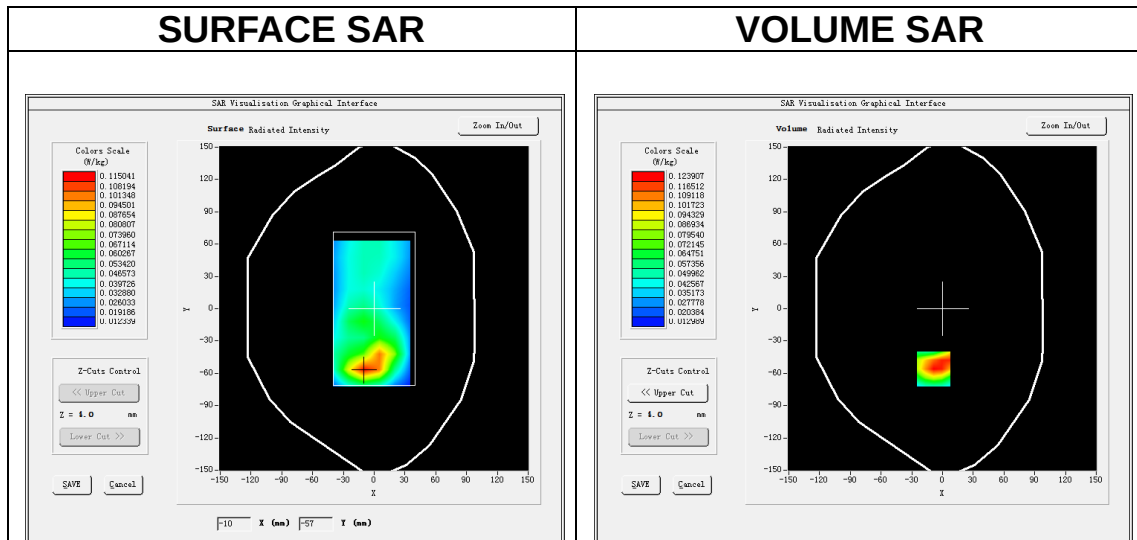
A. Experimental conditions.

<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

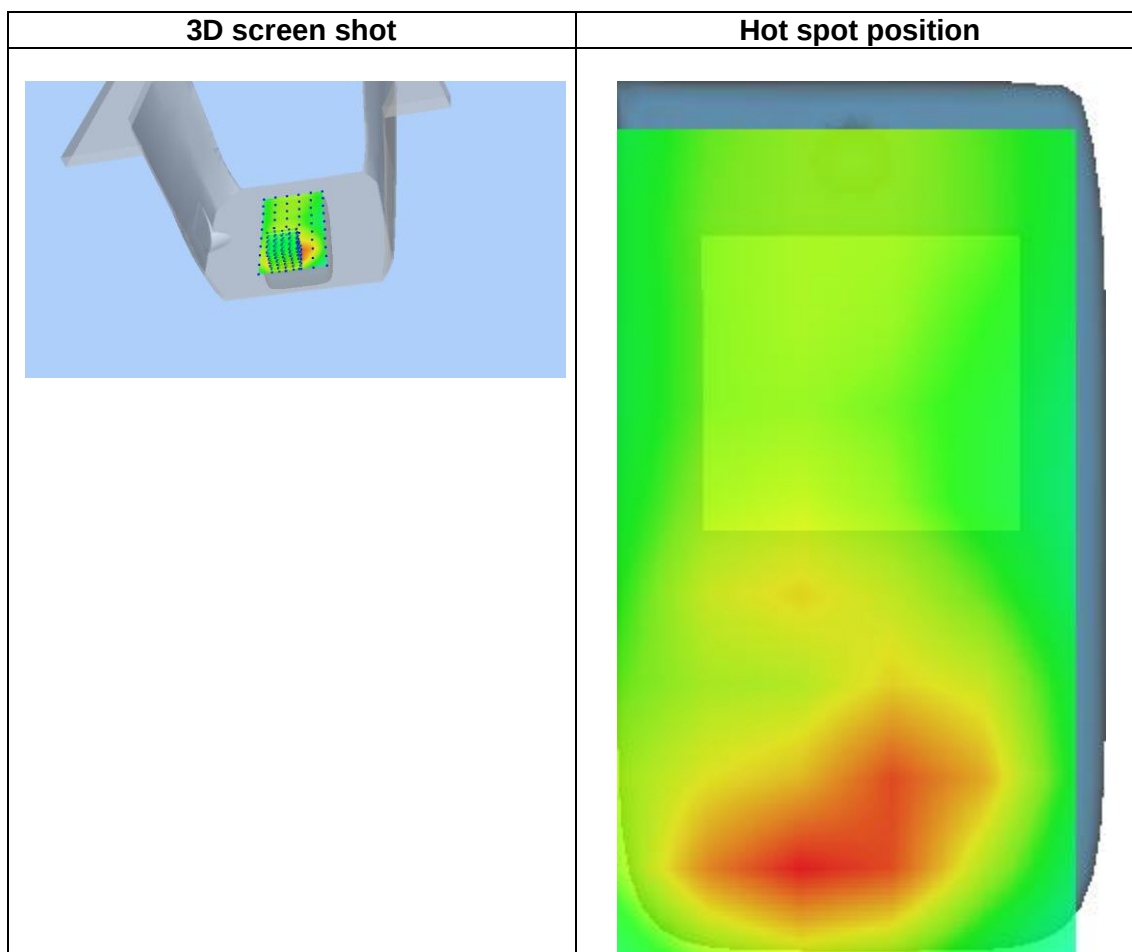
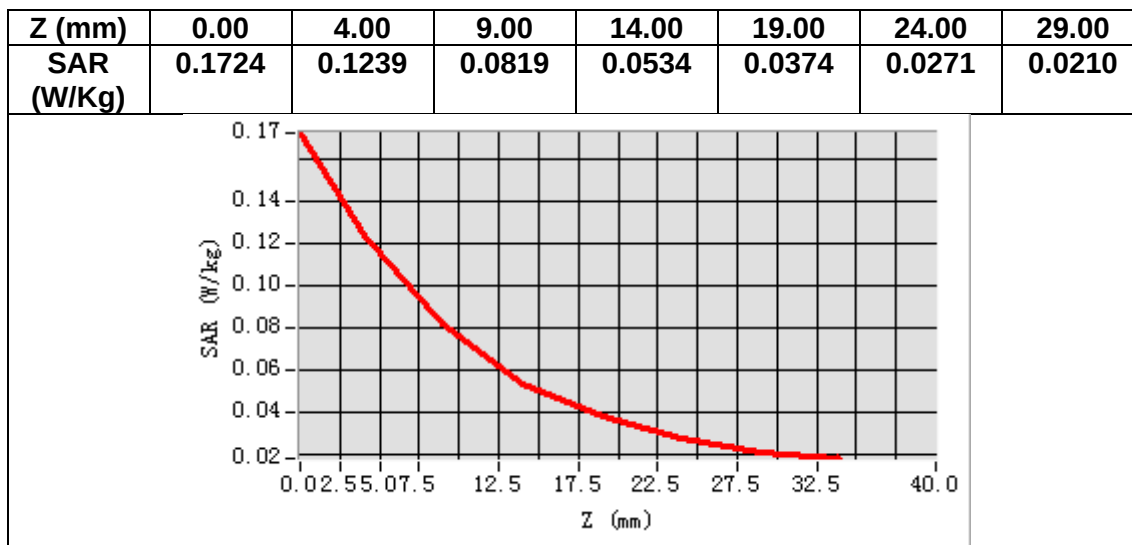
SURFACE SAR



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



MEASUREMENT 3

Date of measurement: 10/9/2024

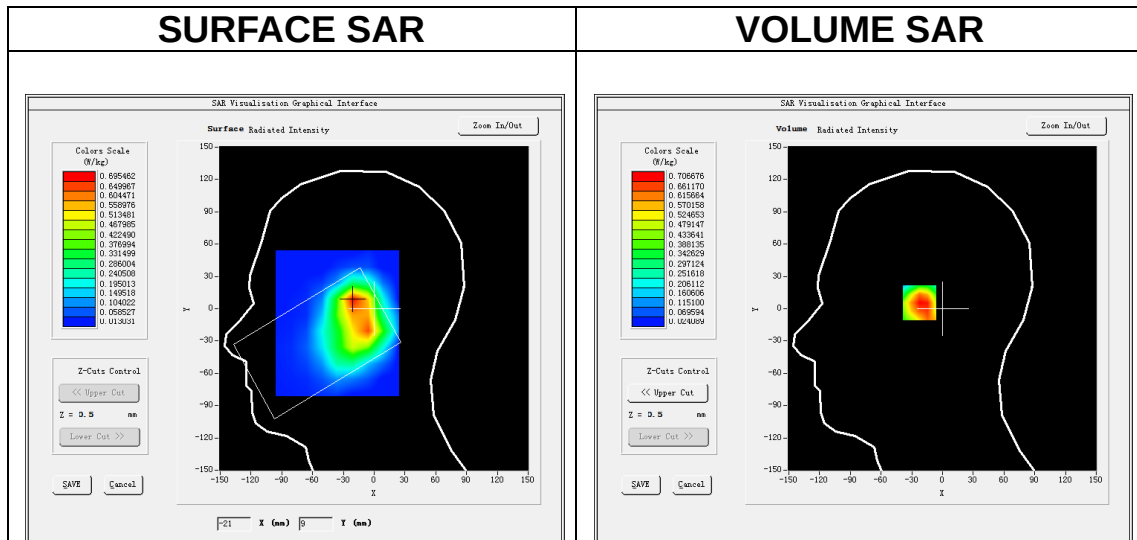
A. Experimental conditions.

<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

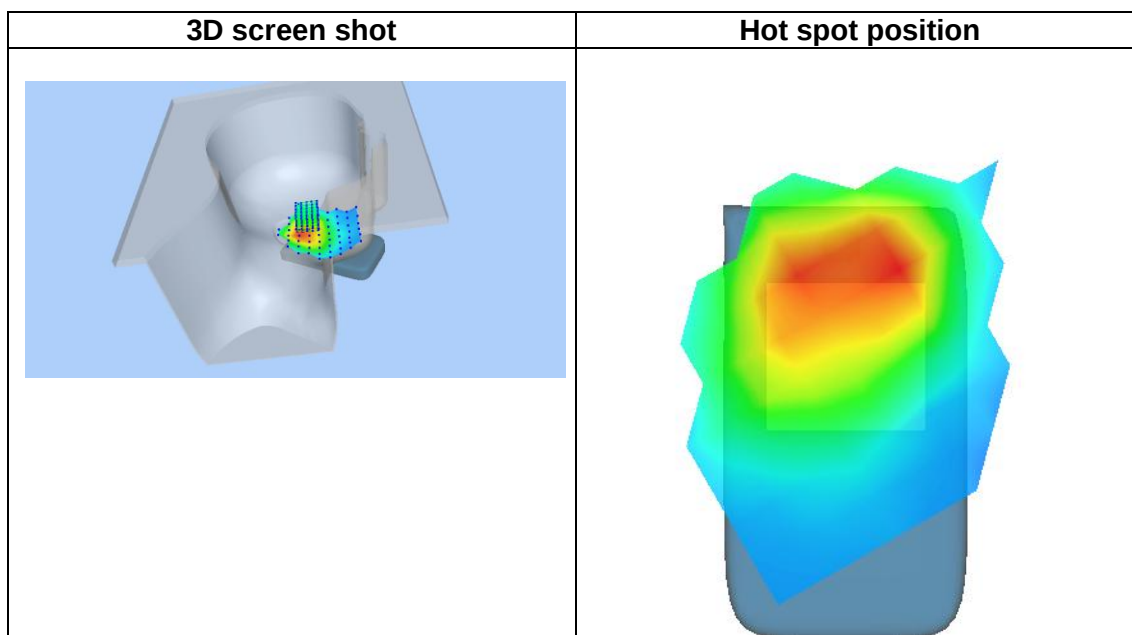
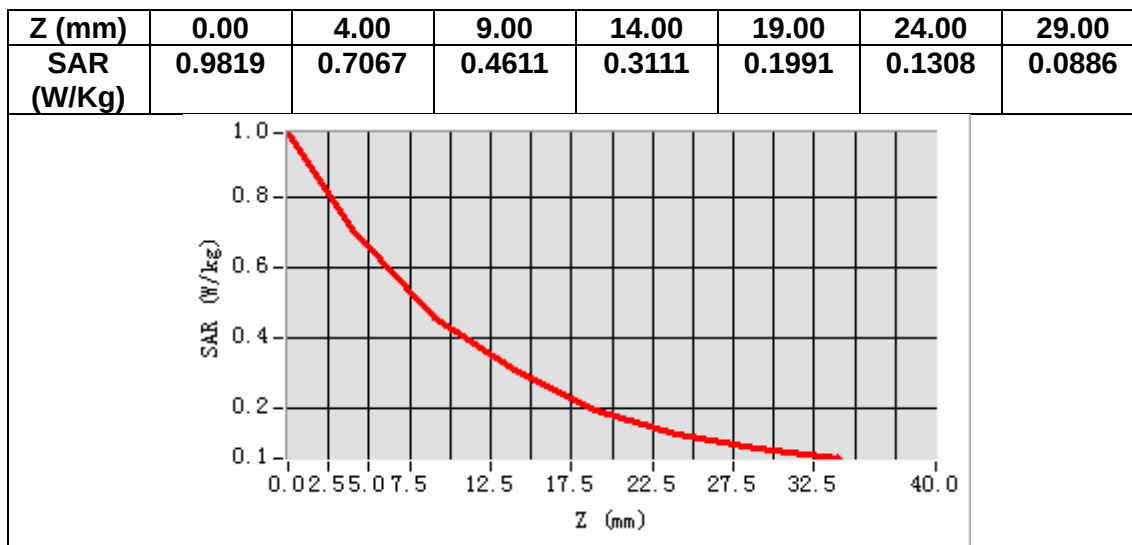
SURFACE SAR



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

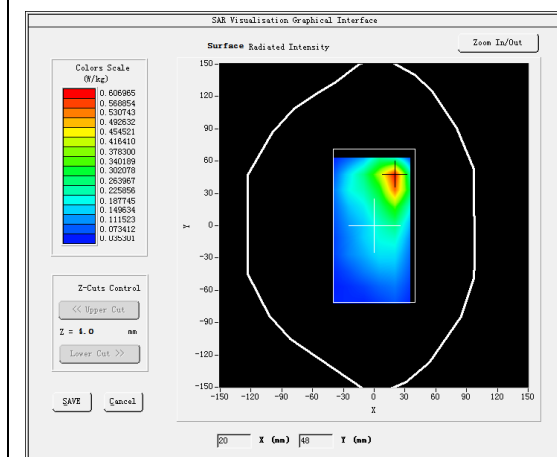
A. Experimental conditions.

<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>

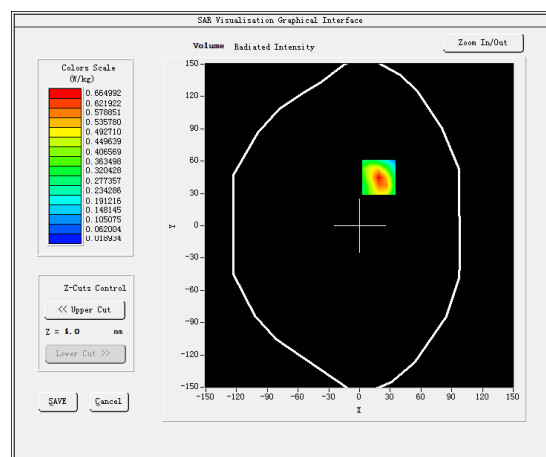
B. SAR Measurement Results

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



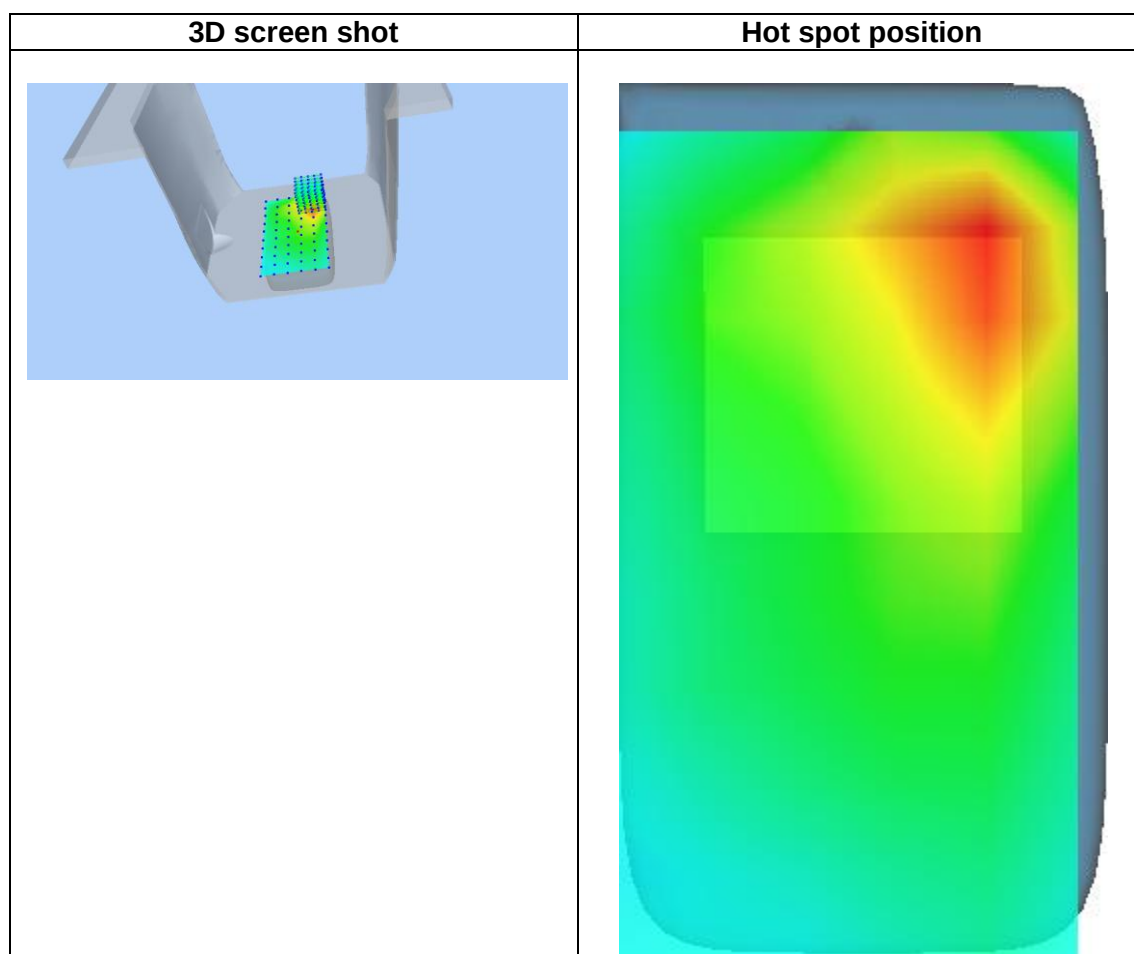
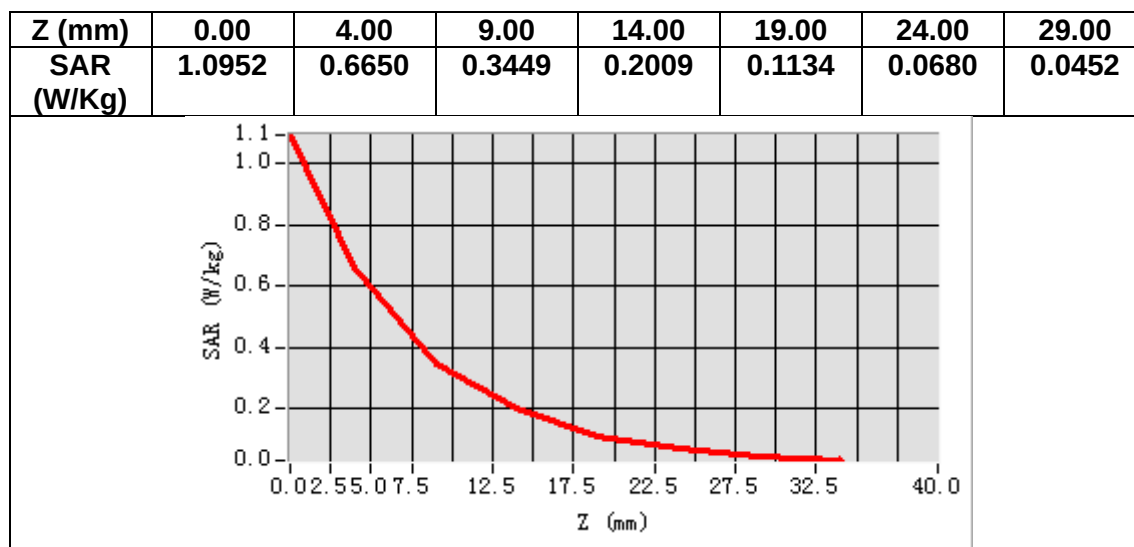
VOLUME SAR



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

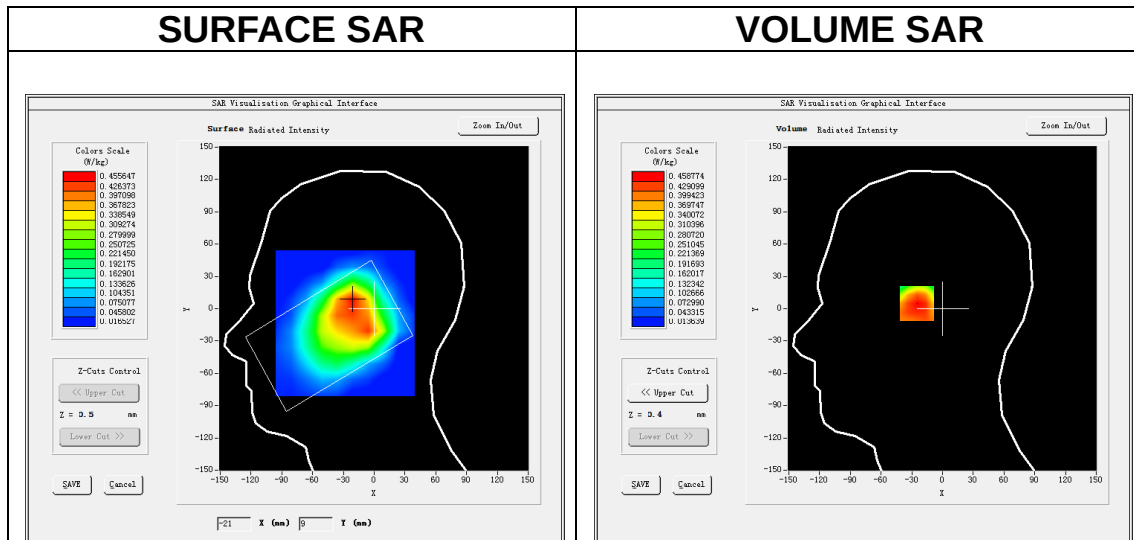
A. Experimental conditions.

<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

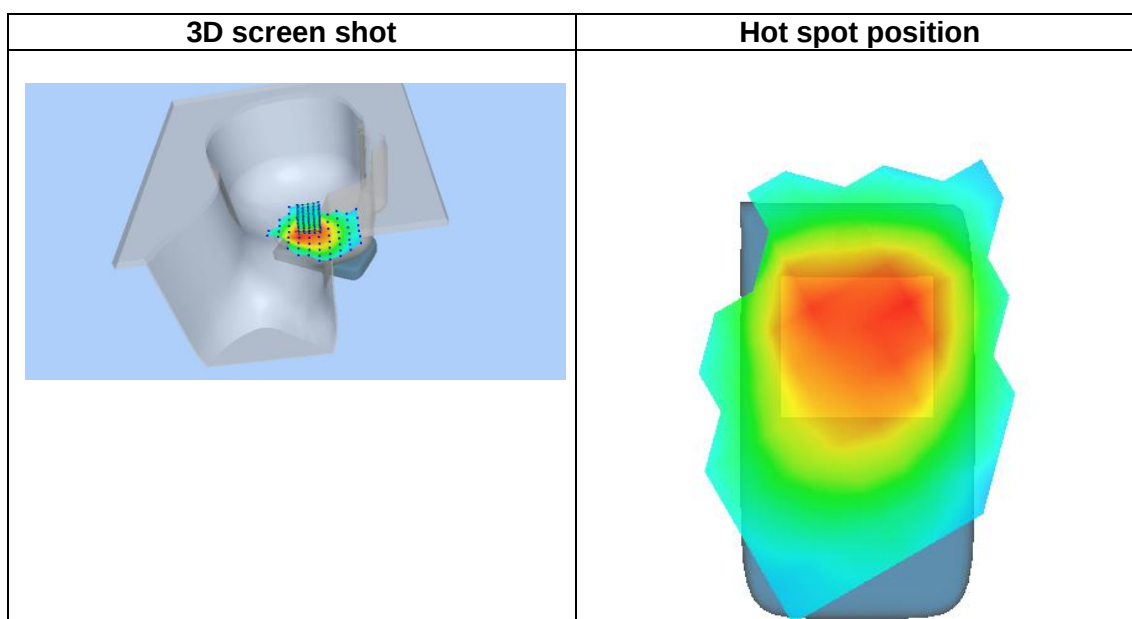
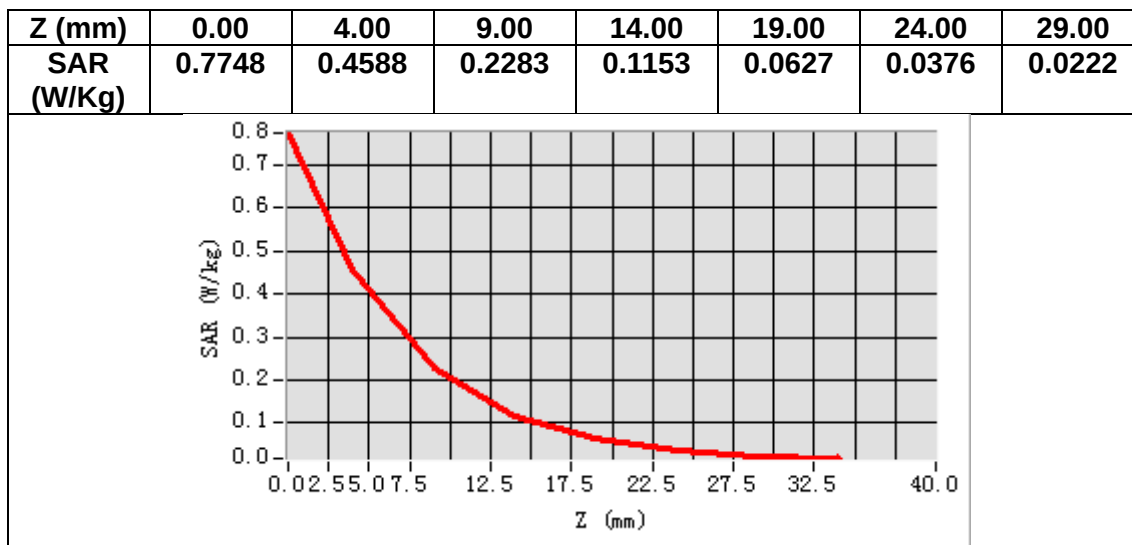
SURFACE SAR



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

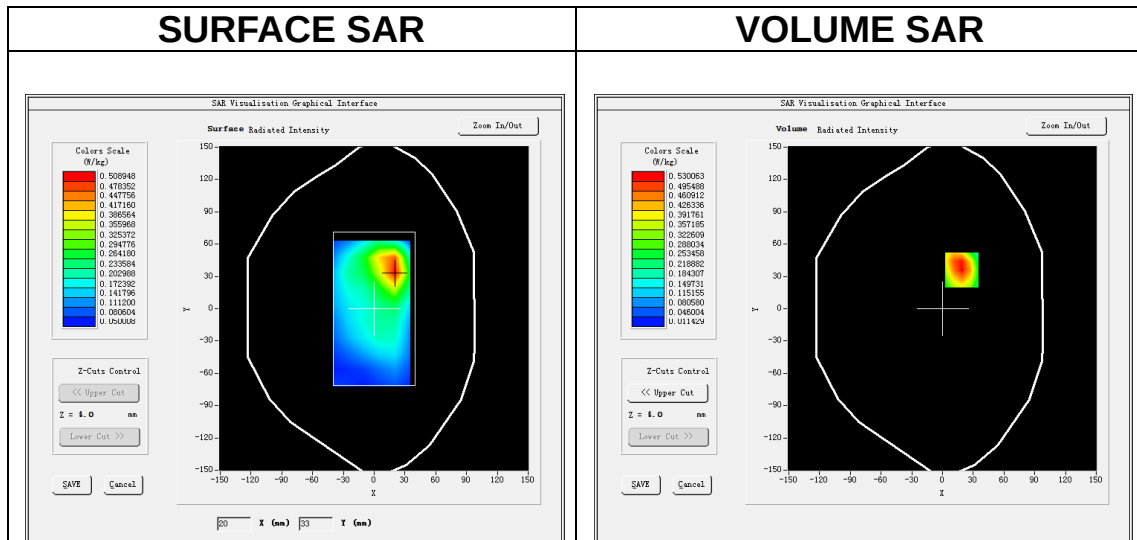
A. Experimental conditions.

<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

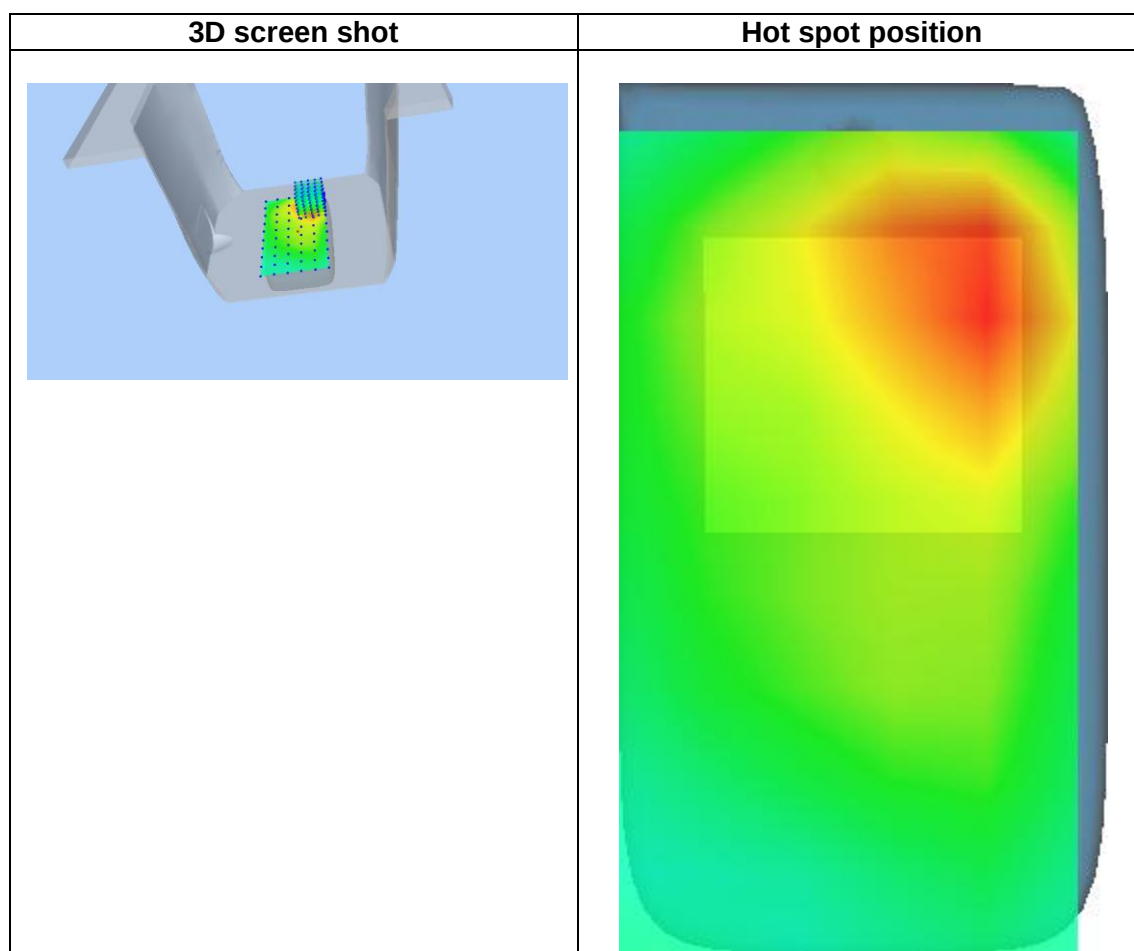
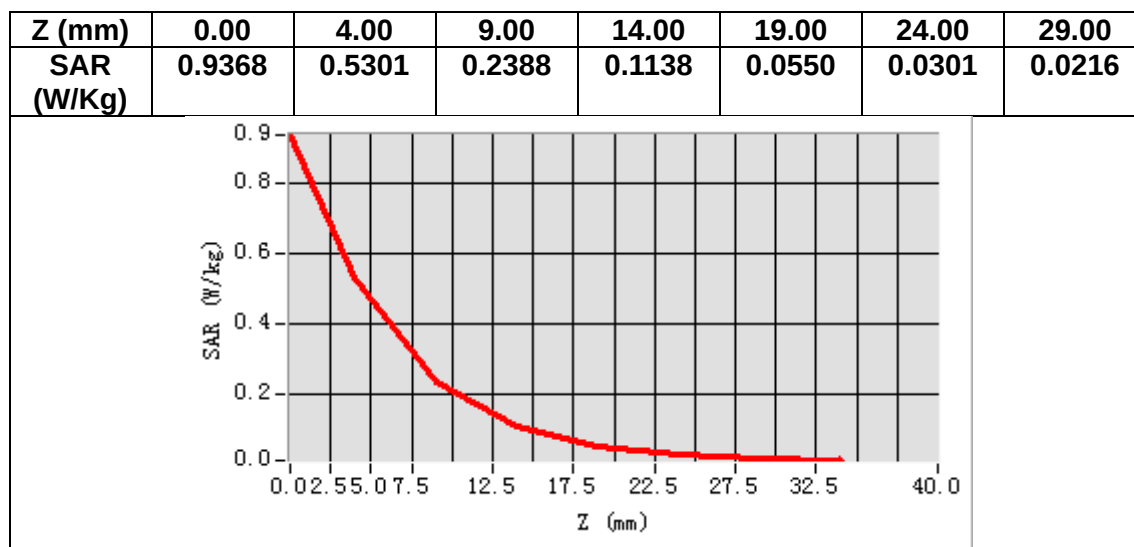
SURFACE SAR



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

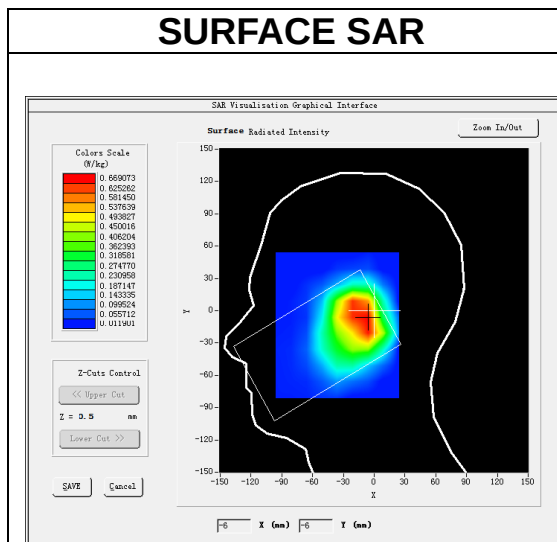
A. Experimental conditions.

<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>

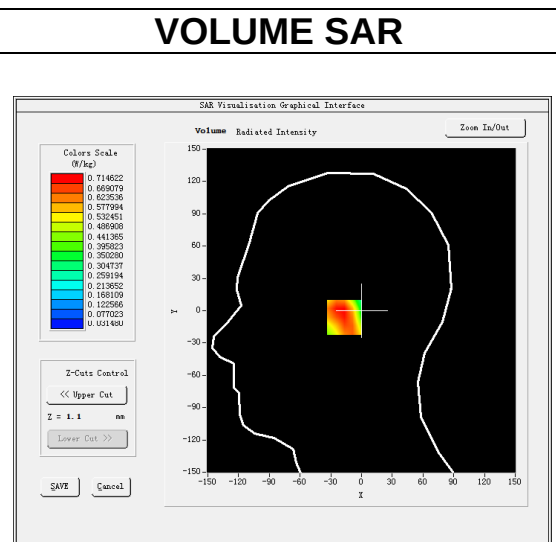
B. SAR Measurement Results

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



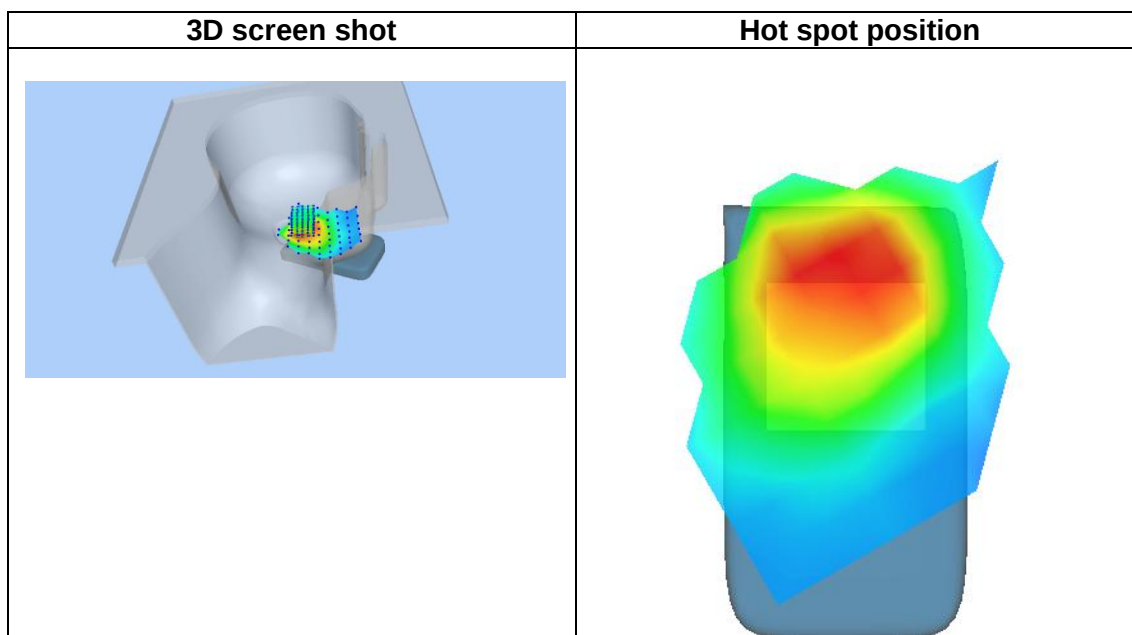
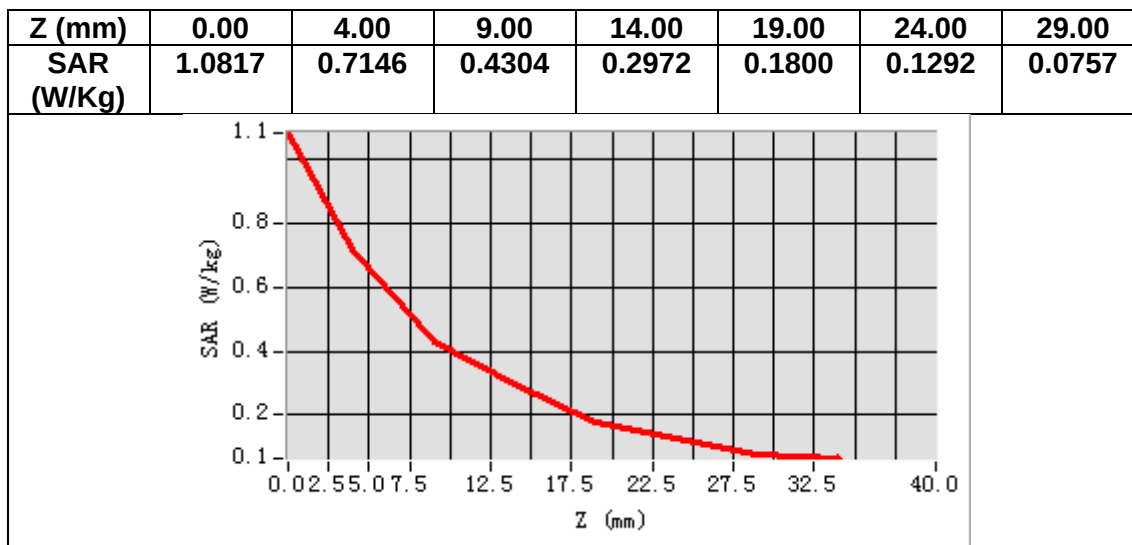
VOLUME SAR



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

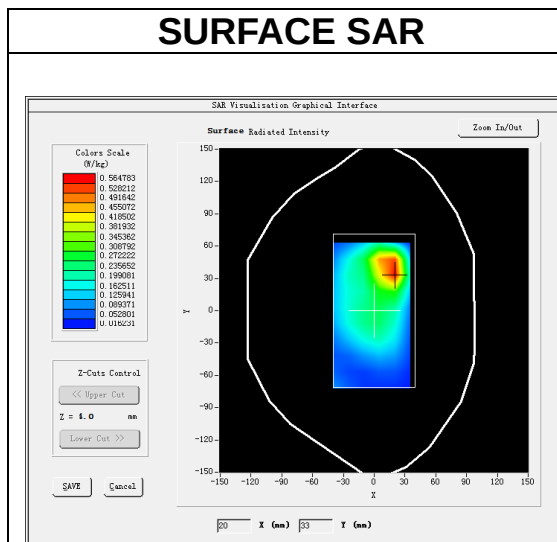
A. Experimental conditions.

<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>

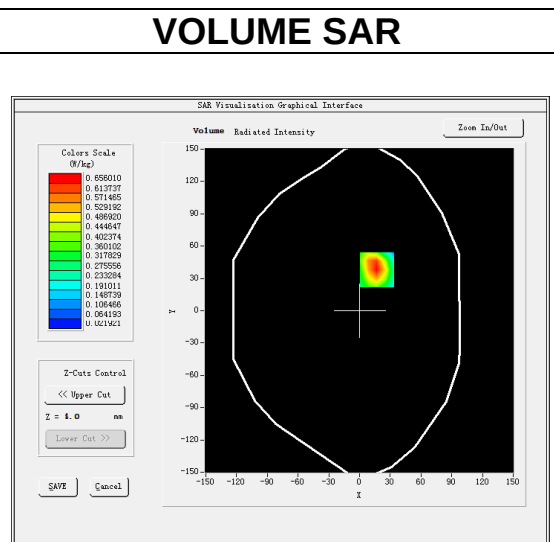
B. SAR Measurement Results

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



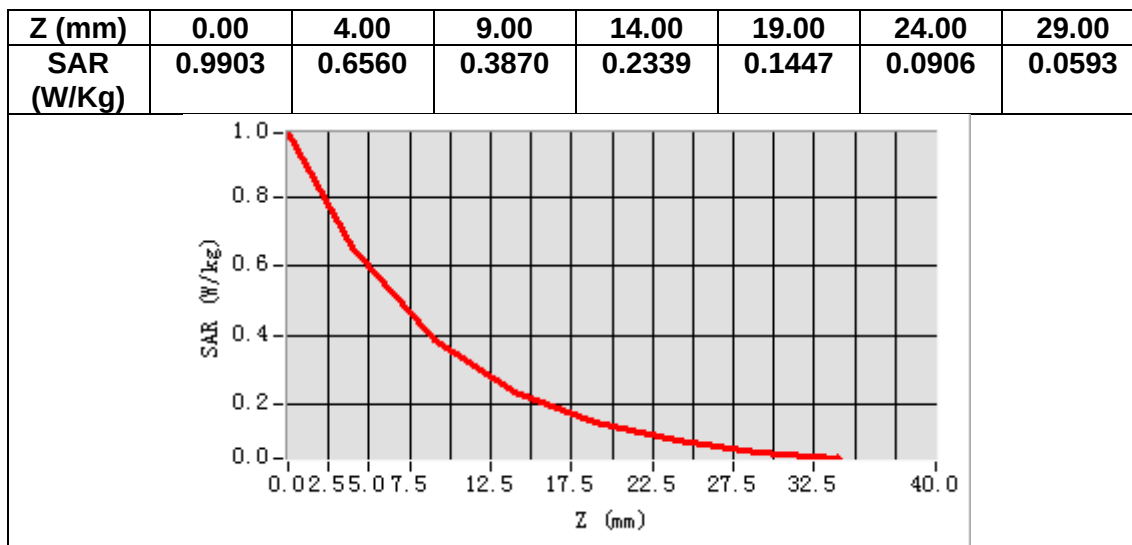
VOLUME SAR



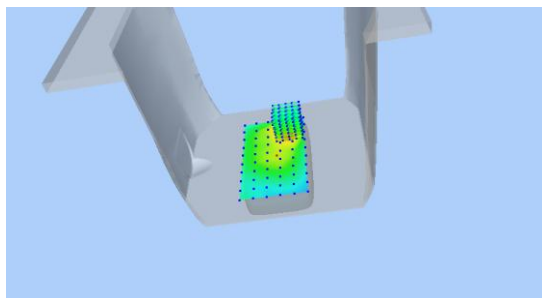
Maximum location: X=17.00, Y=38.00

SAR Peak: 1.03 W/kg

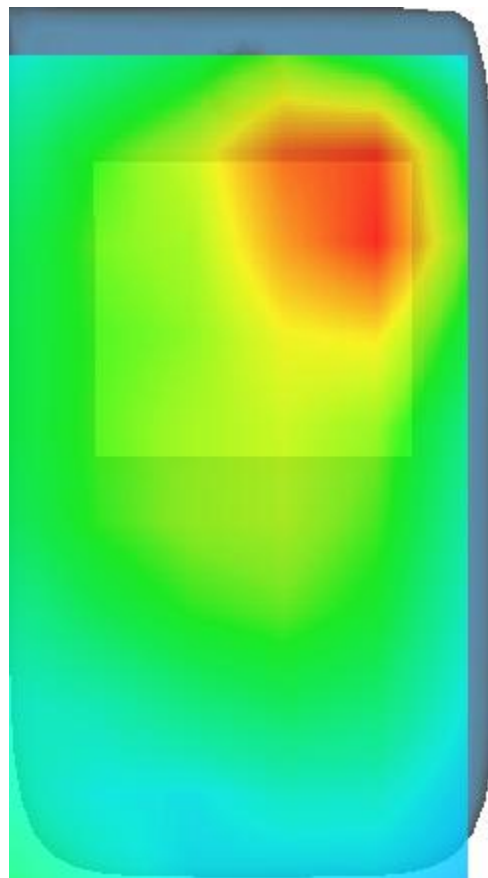
SAR 10g (W/Kg)	0.337070
SAR 1g (W/Kg)	0.623652



3D screen shot



Hot spot position



MEASUREMENT 9

Date of measurement: 30/8/2024

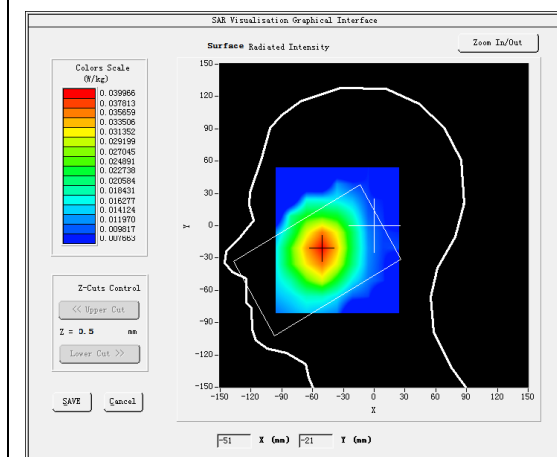
A. Experimental conditions.

<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>

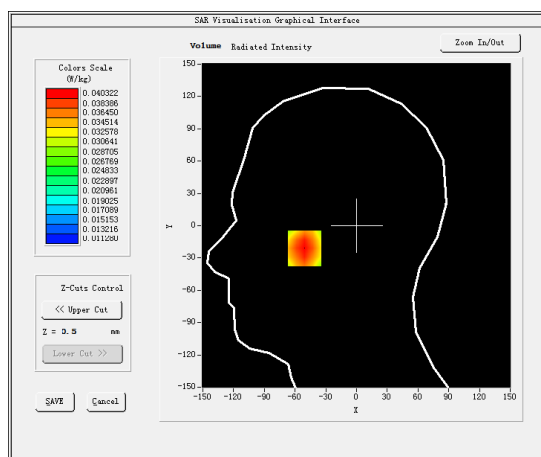
B. SAR Measurement Results

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



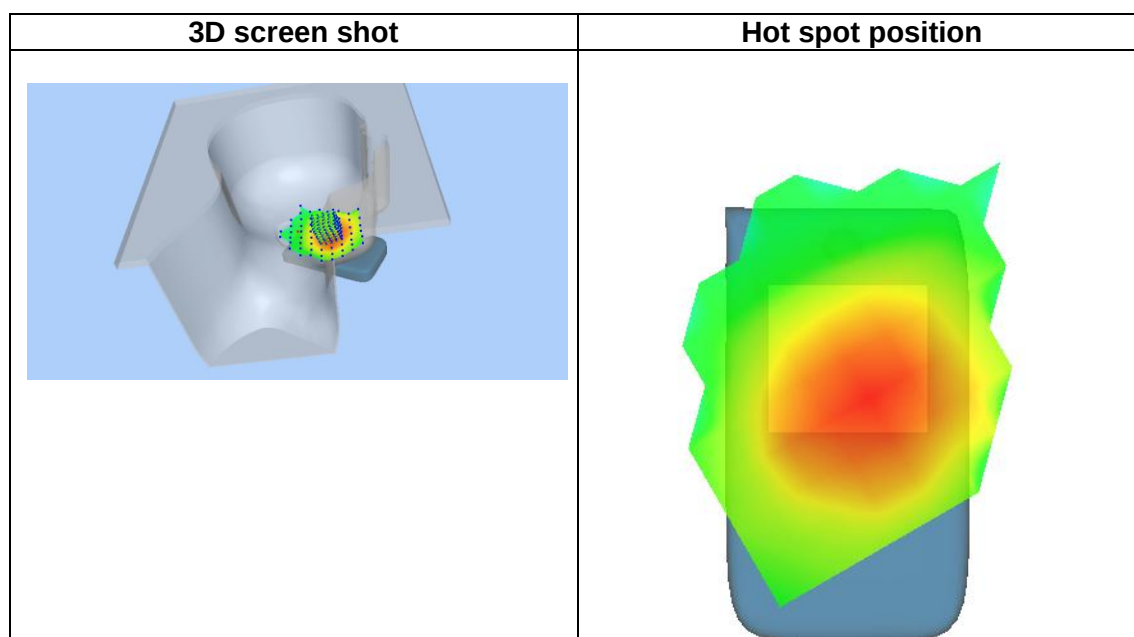
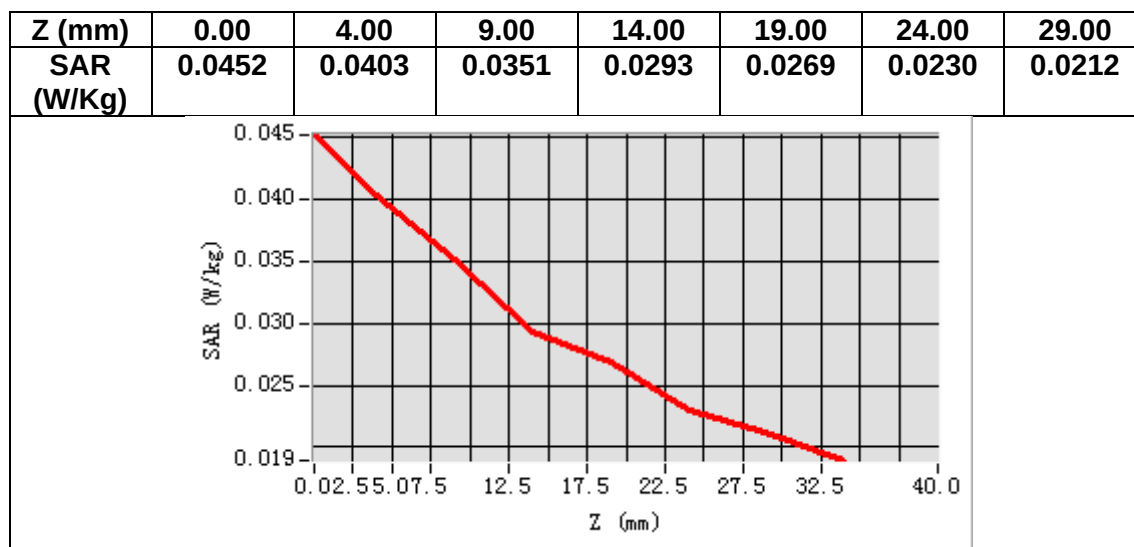
VOLUME SAR



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

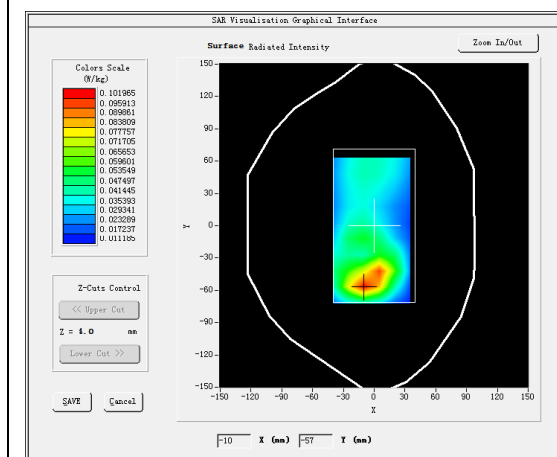
A. Experimental conditions.

<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>

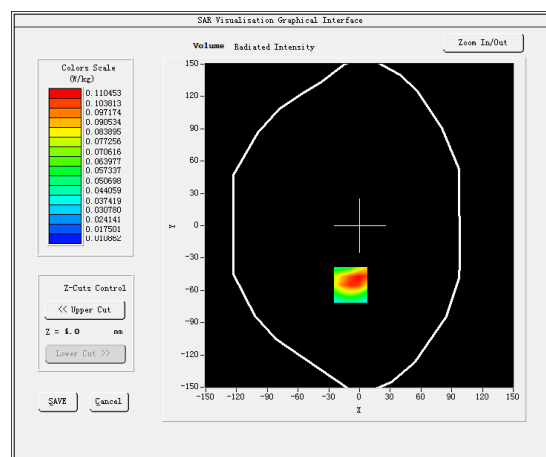
B. SAR Measurement Results

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



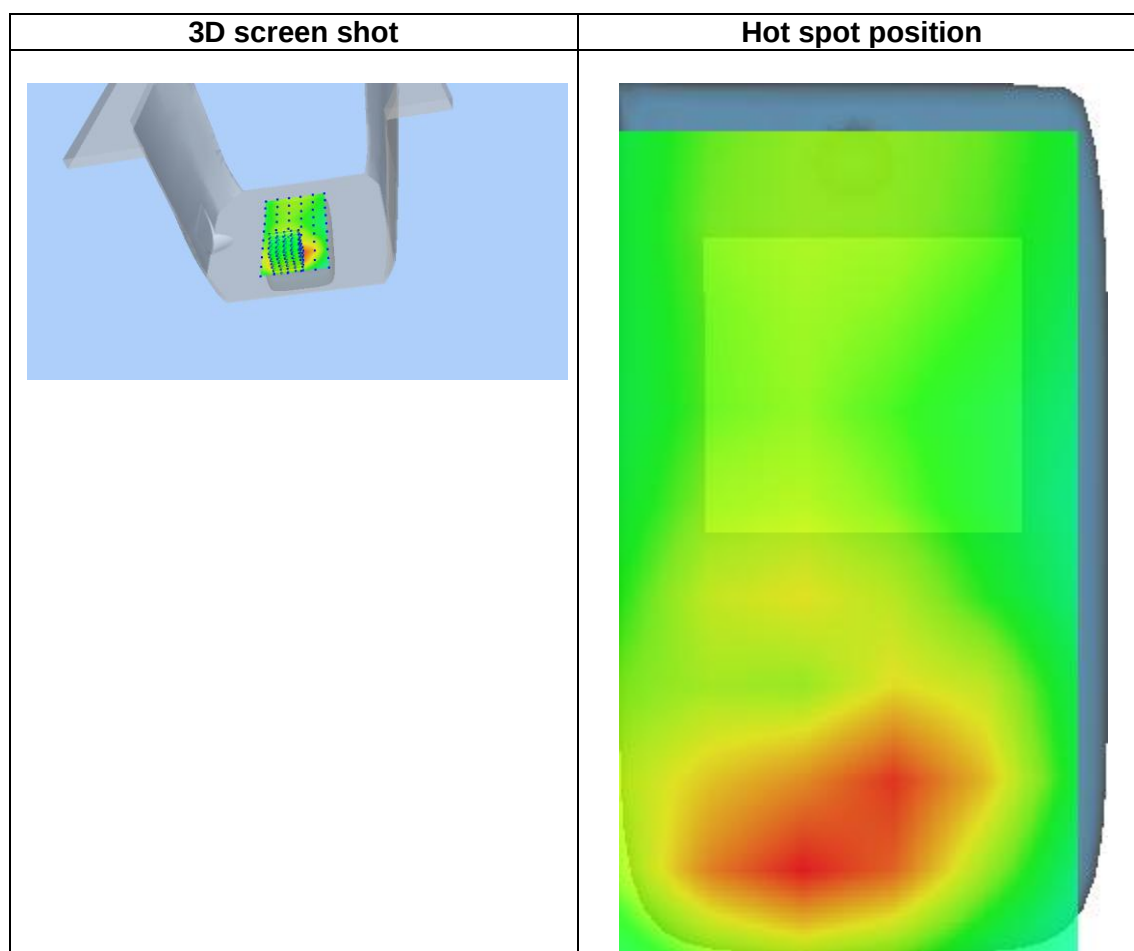
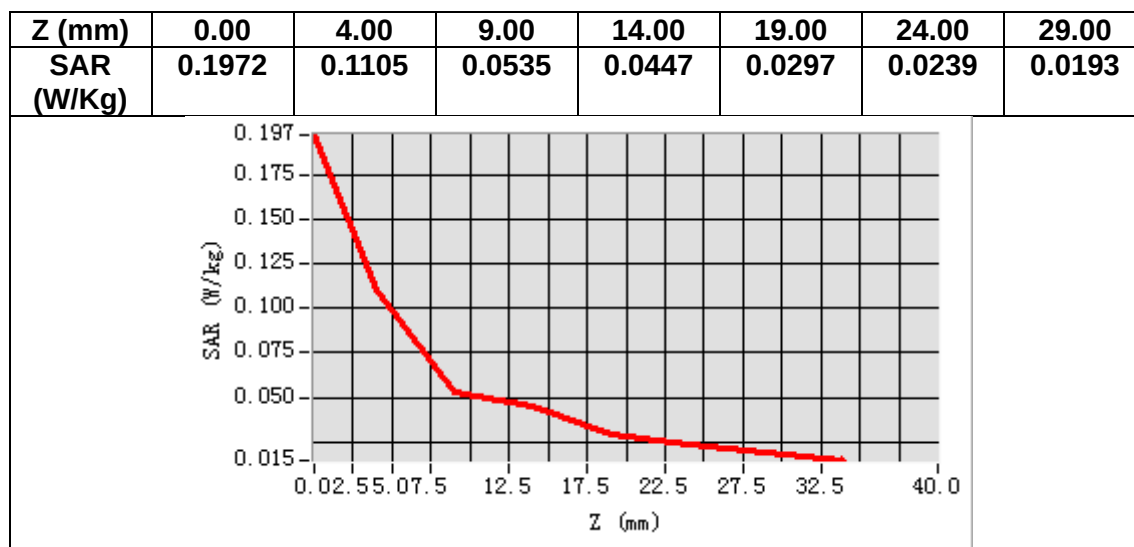
VOLUME SAR



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

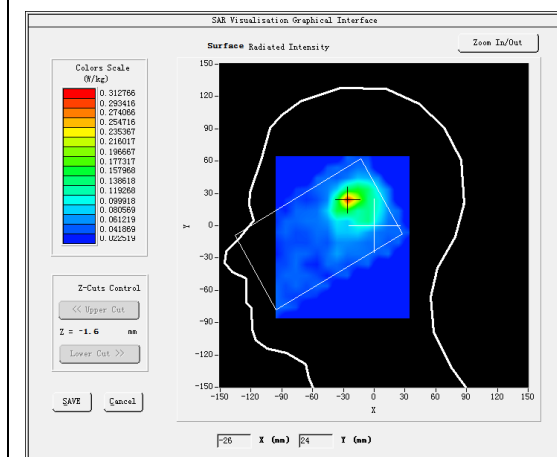
A. Experimental conditions.

<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>

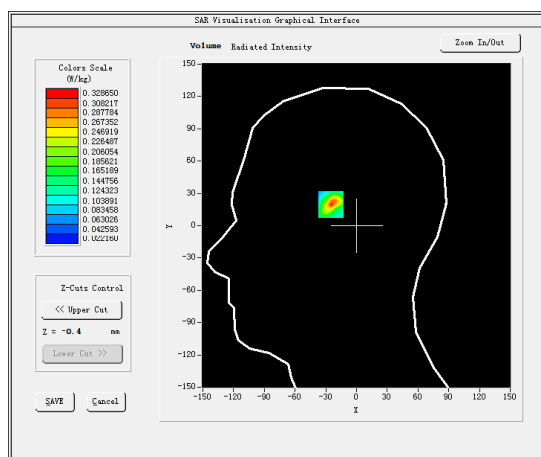
B. SAR Measurement Results

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

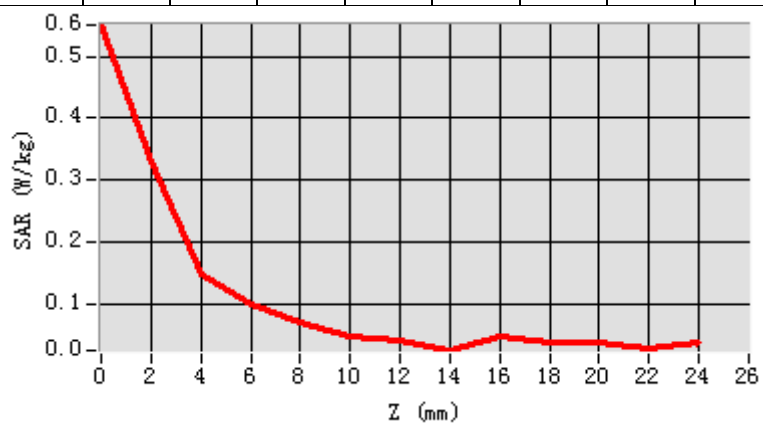


Maximum location: X=-25.00, Y=24.00

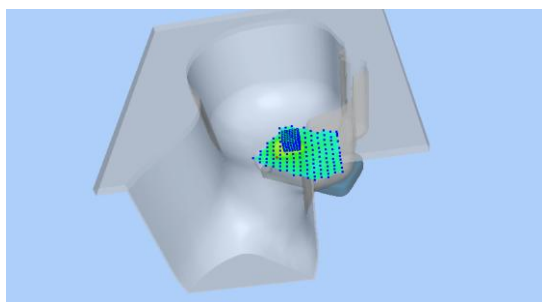
SAR Peak: 0.87 W/kg

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

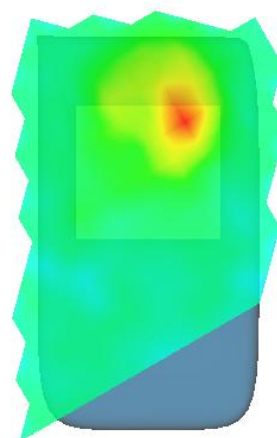
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.55 09	0.32 86	0.14 81	0.09 69	0.06 77	0.04 77	0.04 06	0.02 37	0.04 64	0.03 70	0.03 69	0.02 85



3D screen shot



Hot spot position



MEASUREMENT 12

Date of measurement: 4/9/2024

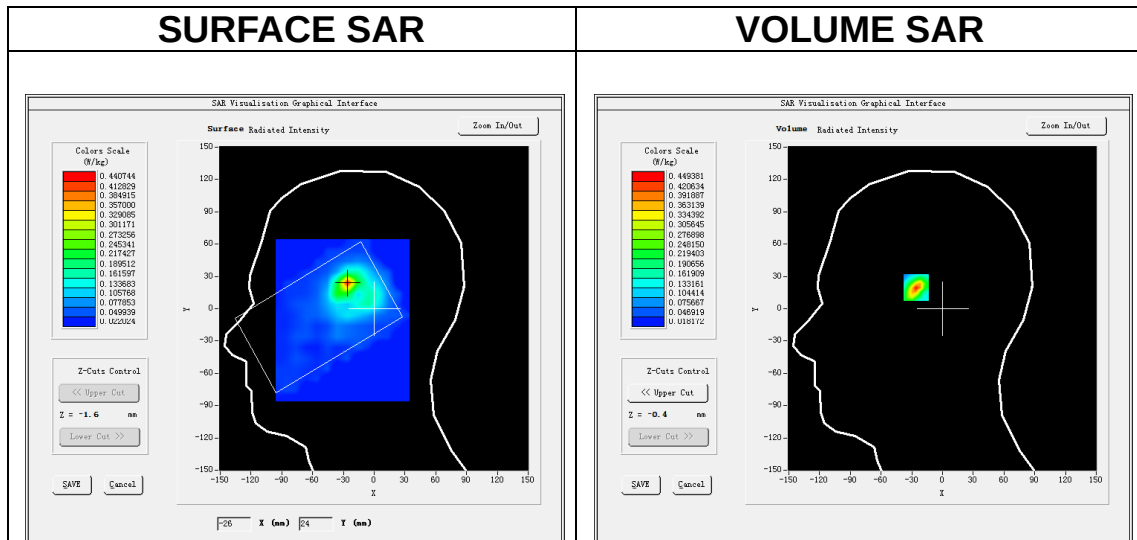
A. Experimental conditions.

<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

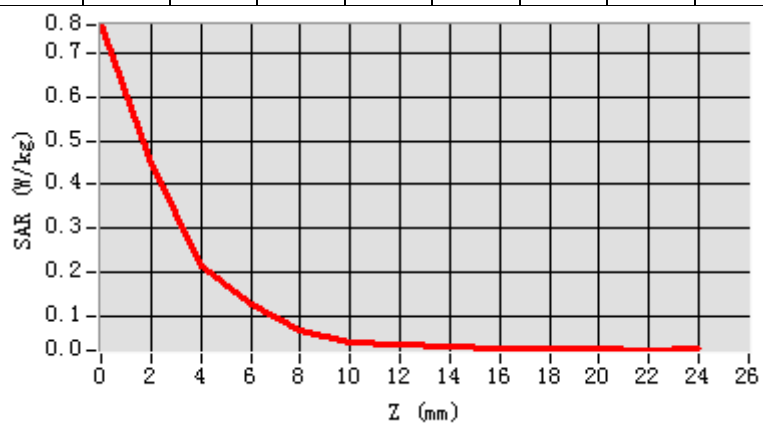


Maximum location: X=-26.00, Y=24.00

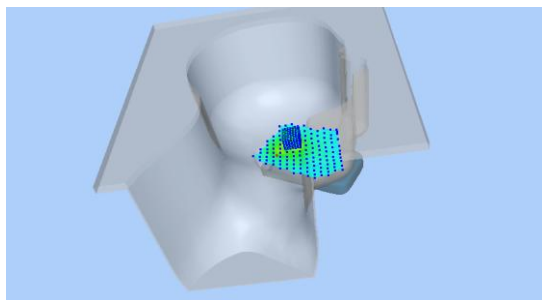
SAR Peak: 1.22 W/kg

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

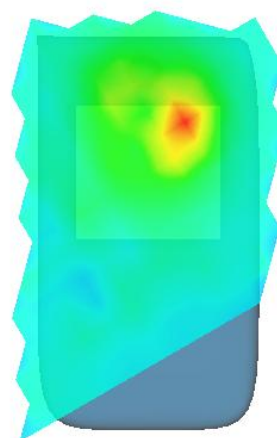
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.76 26	0.44 94	0.21 45	0.12 59	0.07 06	0.04 22	0.03 81	0.03 05	0.02 85	0.02 90	0.02 79	0.02 31



3D screen shot



Hot spot position



MEASUREMENT 13

Date of measurement: 5/9/2024

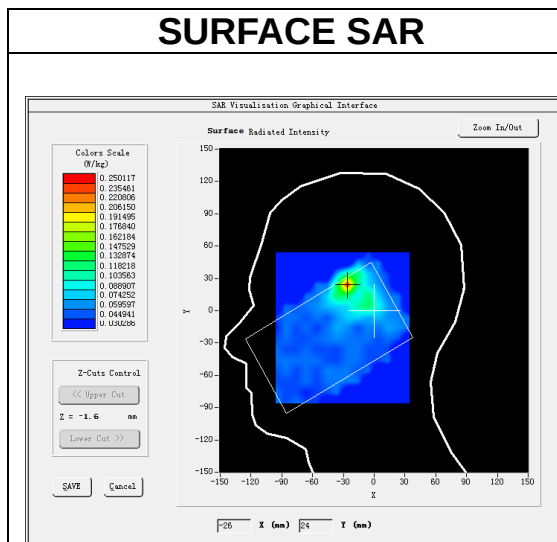
A. Experimental conditions.

<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>

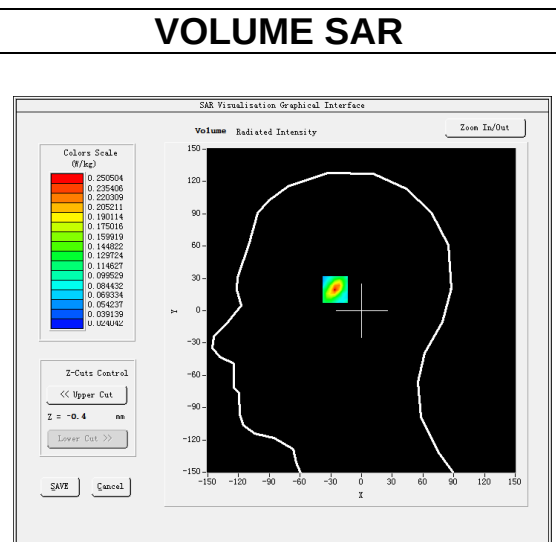
B. SAR Measurement Results

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

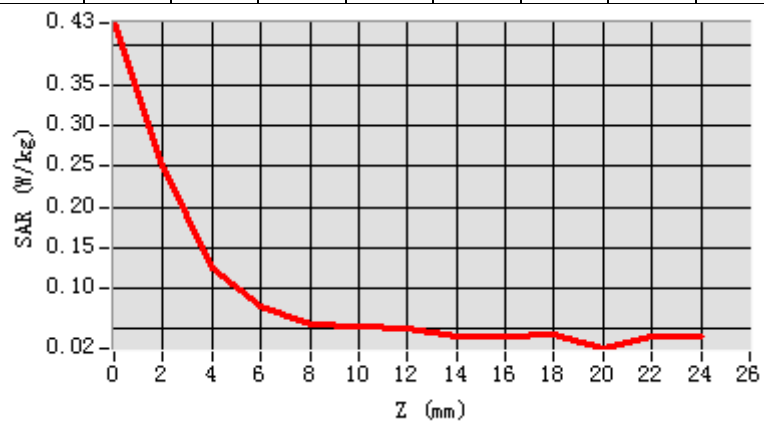


Maximum location: X=-26.00, Y=24.00

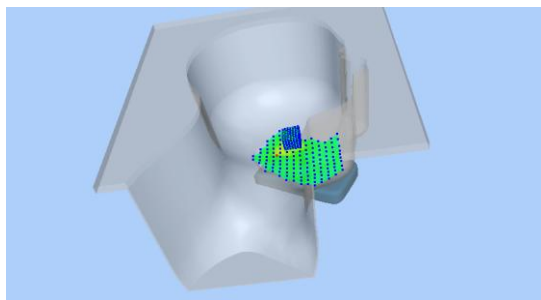
SAR Peak: 0.68 W/kg

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

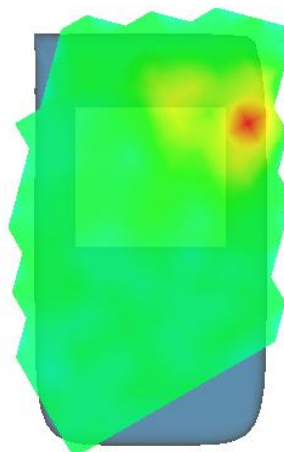
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SA R (W/ Kg)	0.42 80	0.25 05	0.12 40	0.07 77	0.05 51	0.05 09	0.05 01	0.03 89	0.03 92	0.04 06	0.02 44	0.03 94



3D screen shot



Hot spot position



MEASUREMENT 14

Date of measurement: 6/9/2024

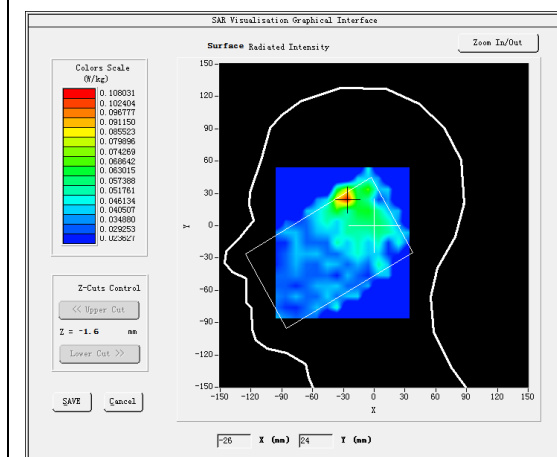
A. Experimental conditions.

<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>

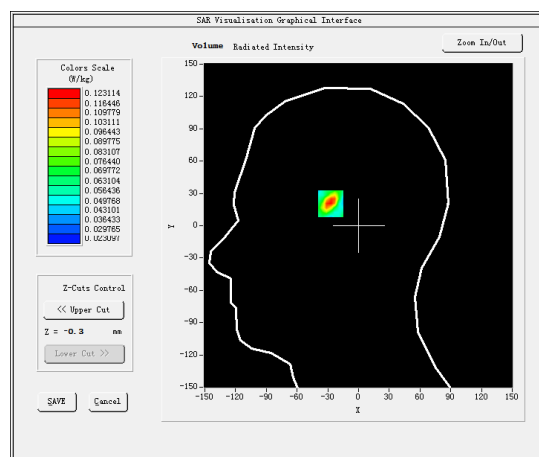
B. SAR Measurement Results

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



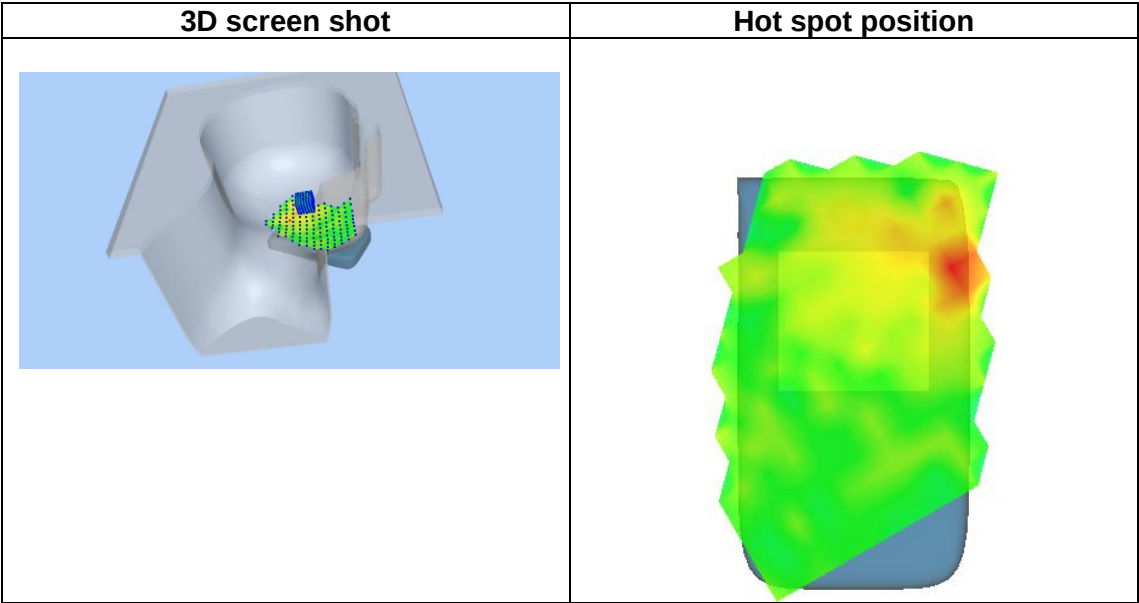
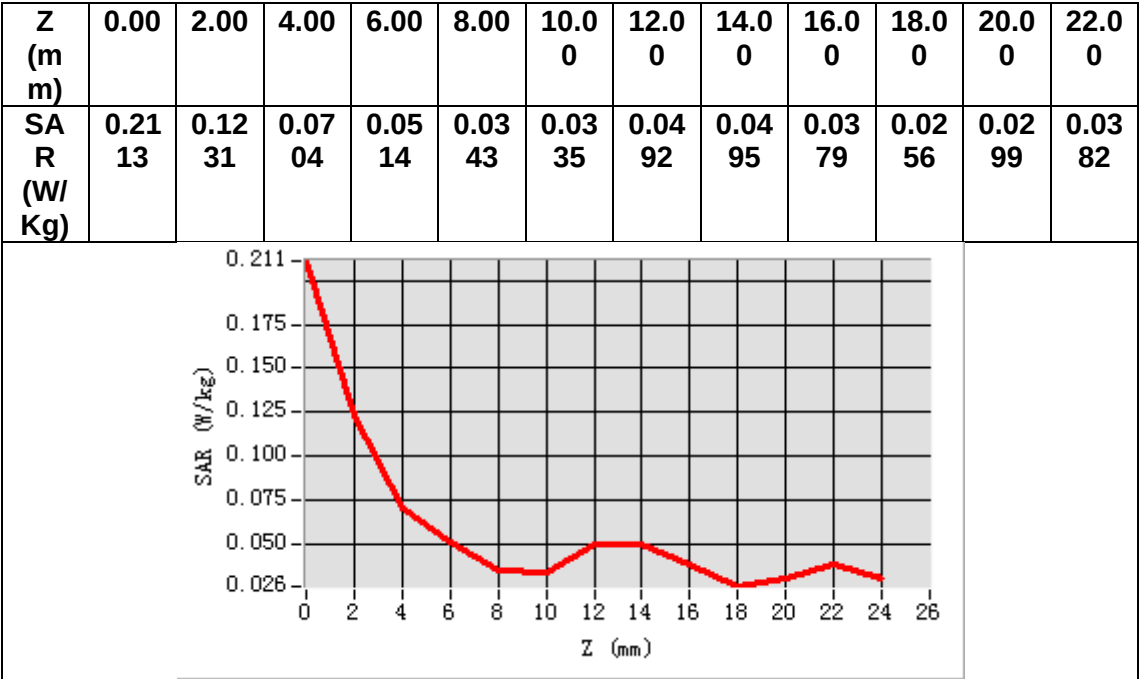
VOLUME SAR



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



MEASUREMENT 15

Date of measurement: 3/9/2024

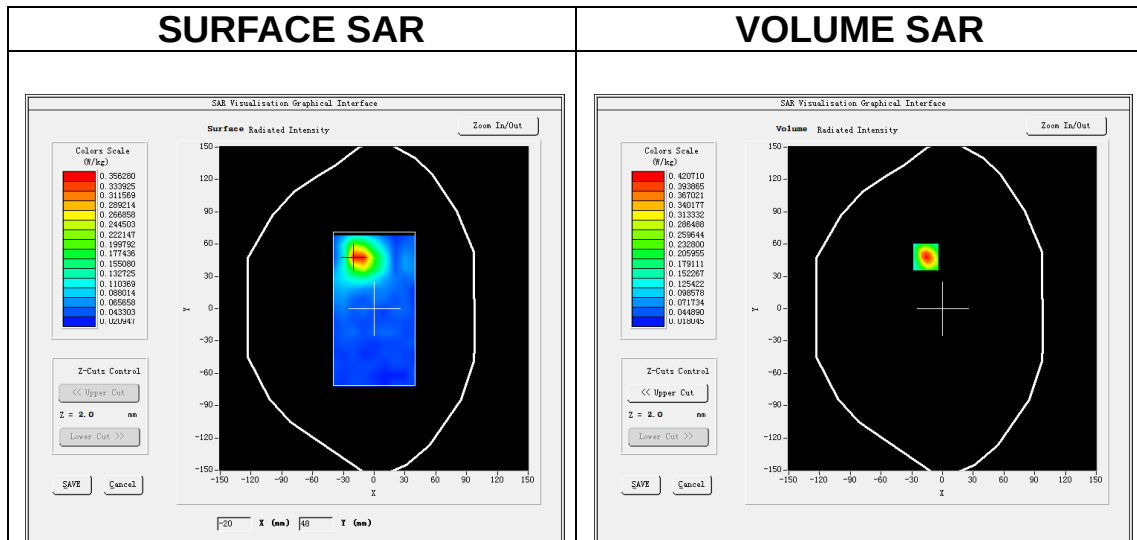
A. Experimental conditions.

<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

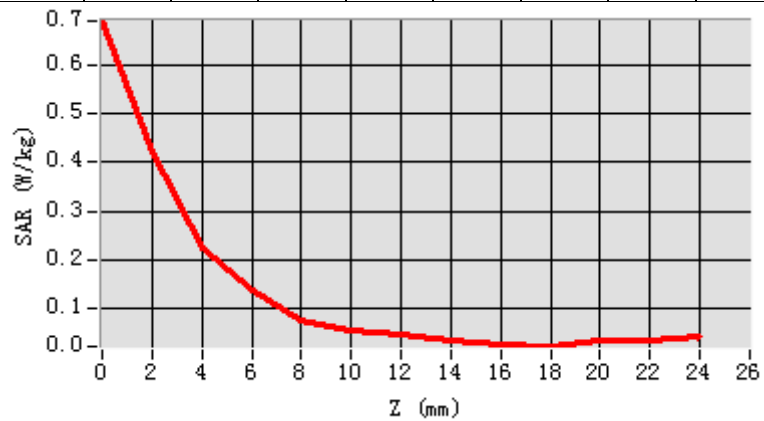


Maximum location: X=-16.00, Y=48.00

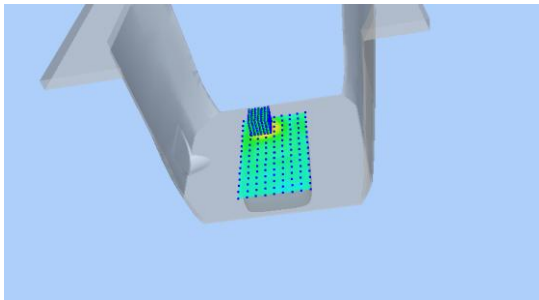
SAR Peak: 0.72 W/kg

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

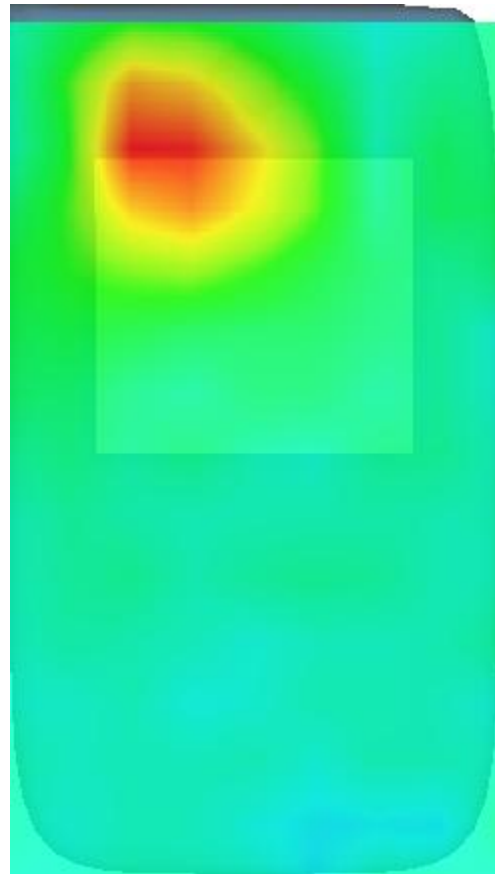
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.68 94	0.42 07	0.22 47	0.13 65	0.07 67	0.05 72	0.04 75	0.03 60	0.02 78	0.02 28	0.03 52	0.03 44



3D screen shot



Hot spot position



MEASUREMENT 16

Date of measurement: 4/9/2024

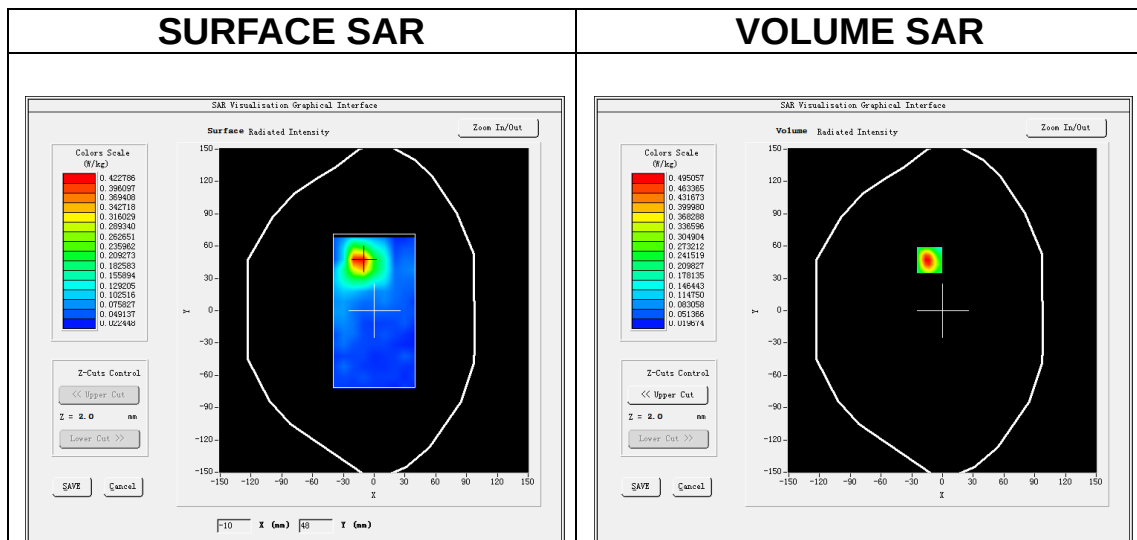
A. Experimental conditions.

<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

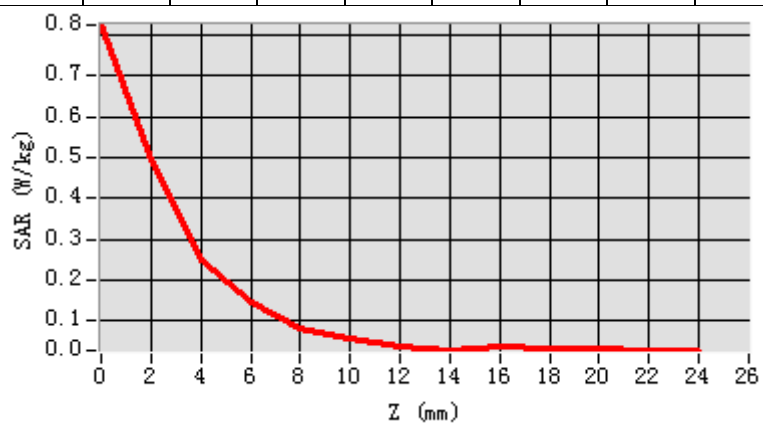


Maximum location: X=-13.00, Y=47.00

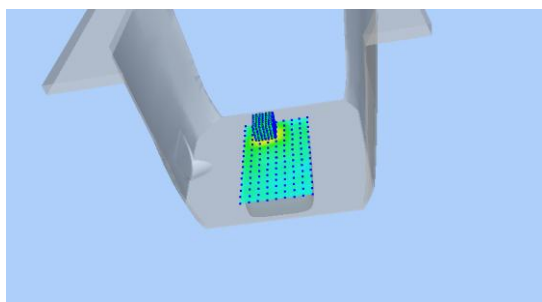
SAR Peak: 0.90 W/kg

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

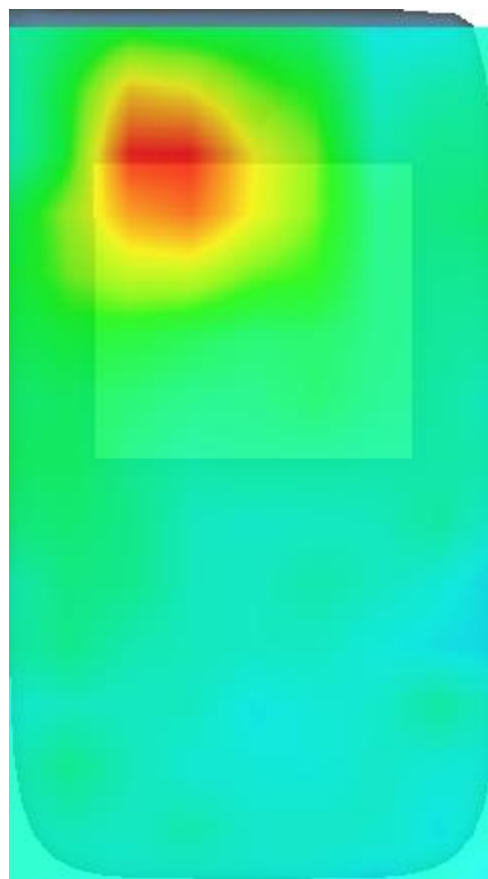
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.82 37	0.49 51	0.24 91	0.14 41	0.08 26	0.05 88	0.03 92	0.02 93	0.03 65	0.03 22	0.03 11	0.02 82



3D screen shot



Hot spot position



MEASUREMENT 17

Date of measurement: 5/9/2024

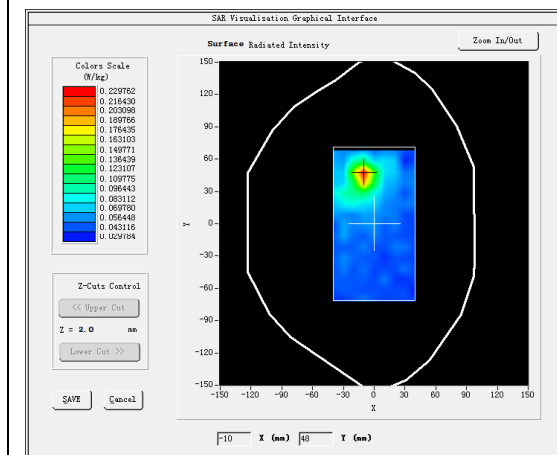
A. Experimental conditions.

<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>

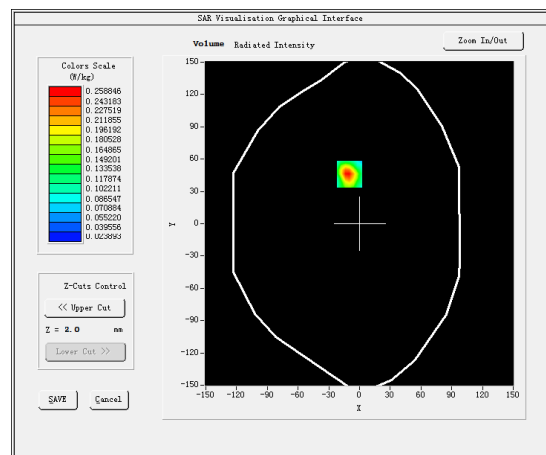
B. SAR Measurement Results

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

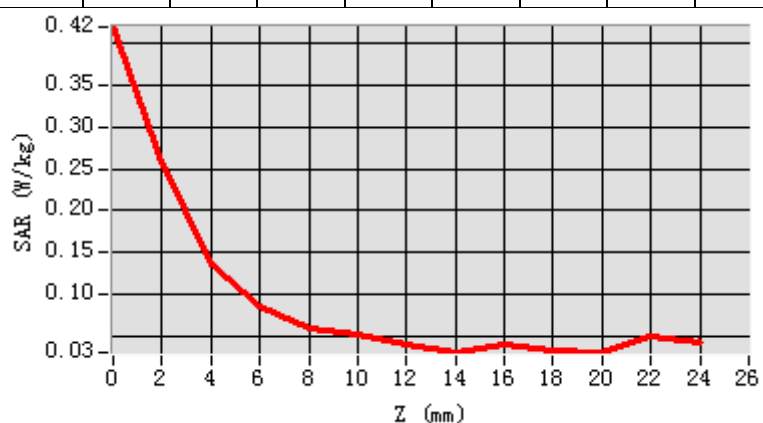


Maximum location: X=-10.00, Y=46.00

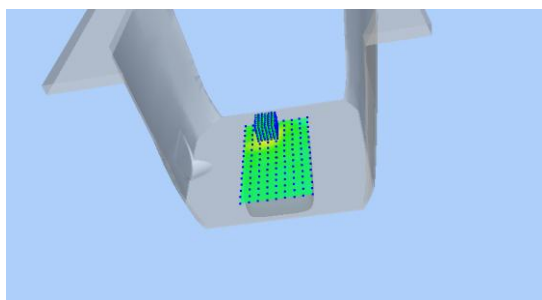
SAR Peak: 0.46 W/kg

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

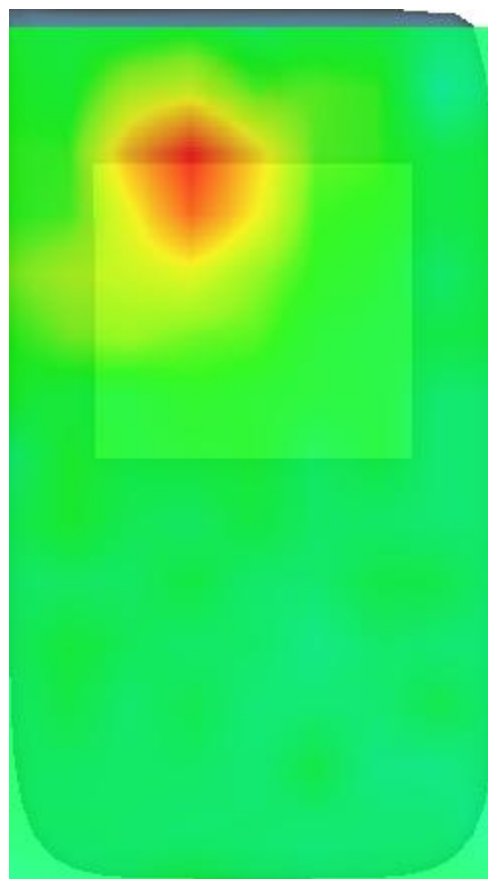
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.42 03	0.25 88	0.13 59	0.08 45	0.05 83	0.05 05	0.04 02	0.02 99	0.04 00	0.03 12	0.02 99	0.04 90



3D screen shot



Hot spot position



MEASUREMENT 18

Date of measurement: 6/9/2024

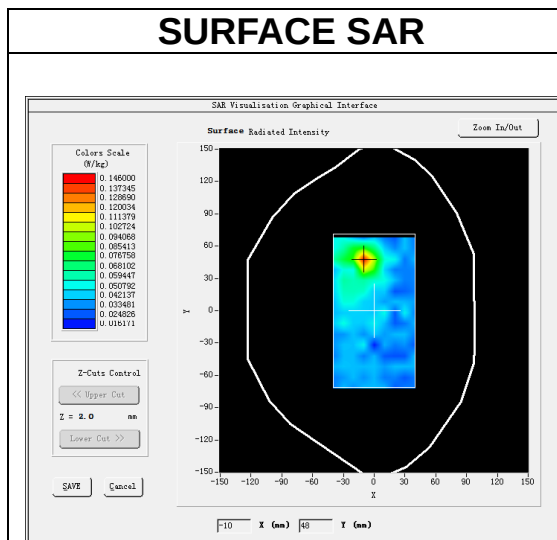
A. Experimental conditions.

<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>

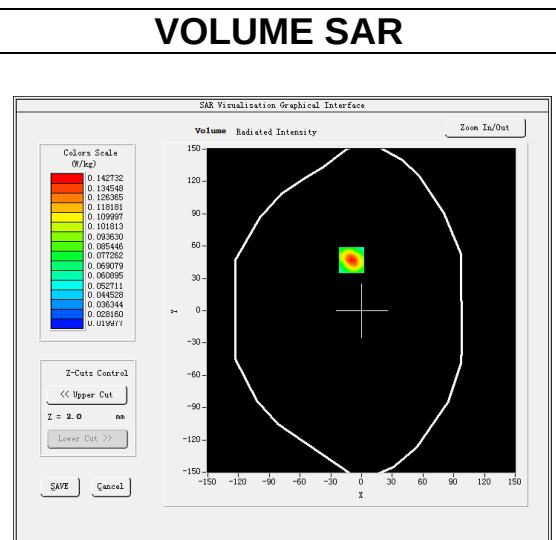
B. SAR Measurement Results

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

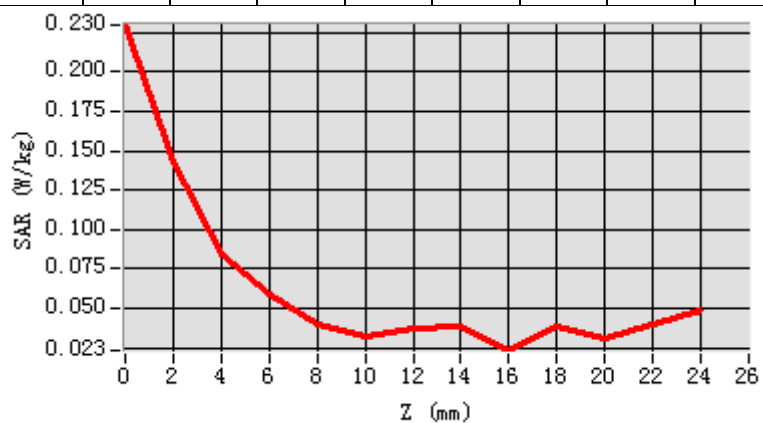


Maximum location: X=-10.00, Y=47.00

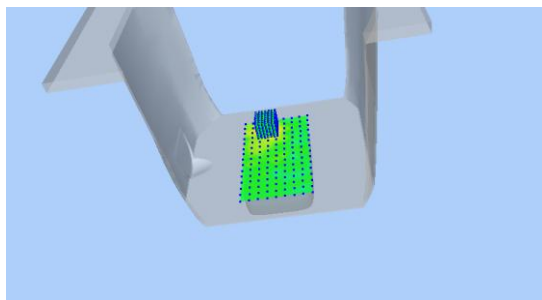
SAR Peak: 0.24 W/kg

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

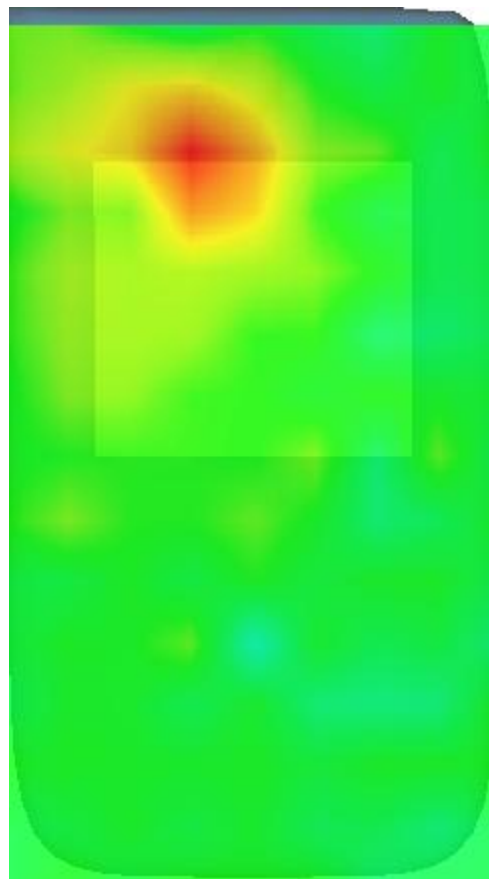
Z (m m)	0.00	2.00	4.00	6.00	8.00	10.0 0	12.0 0	14.0 0	16.0 0	18.0 0	20.0 0	22.0 0
SAR (W/ Kg)	0.22 96	0.14 27	0.08 39	0.05 92	0.04 04	0.03 18	0.03 78	0.03 84	0.02 33	0.03 87	0.03 05	0.03 93



3D screen shot



Hot spot position



MEASUREMENT 19

Date of measurement: 16/9/2024

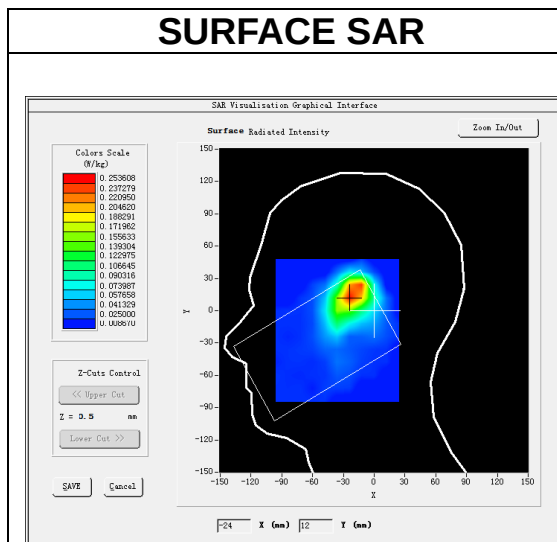
A. Experimental conditions.

<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>

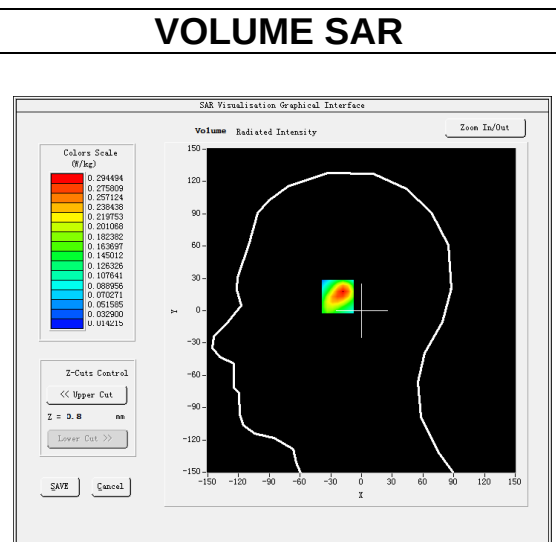
B. SAR Measurement Results

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



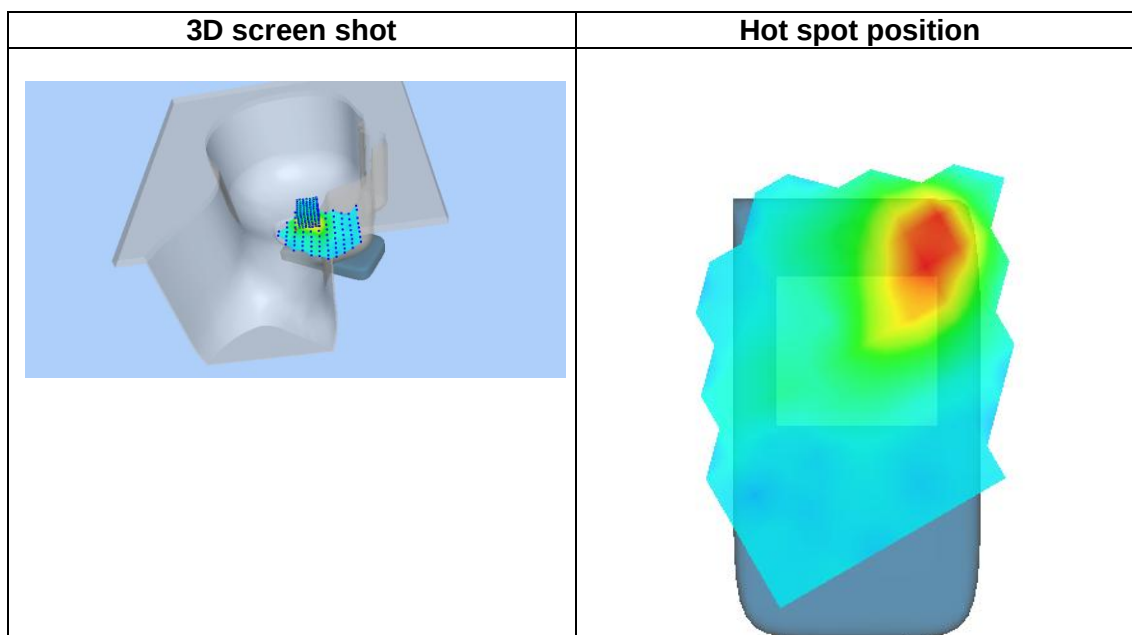
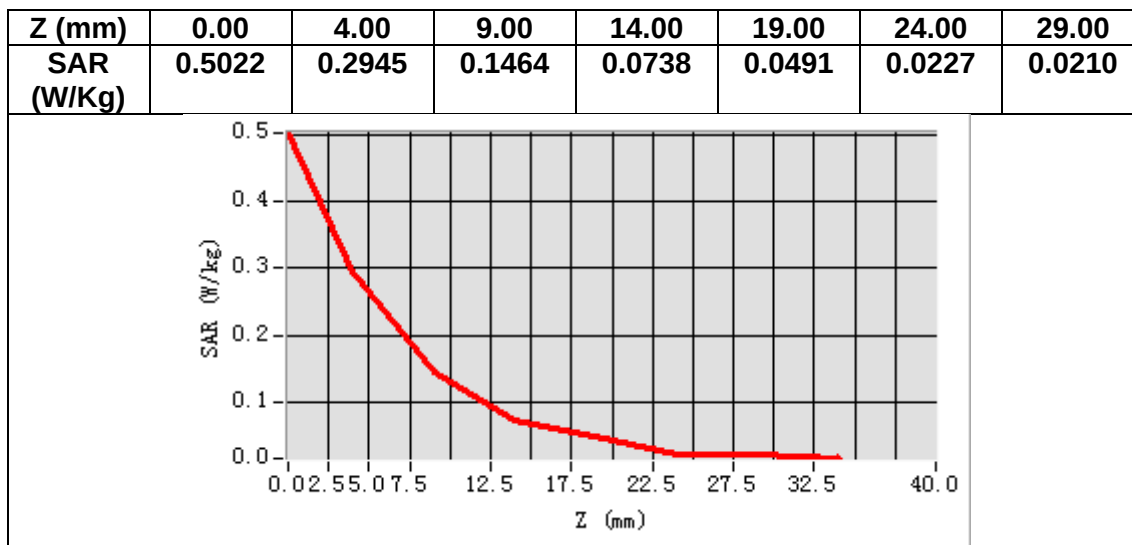
VOLUME SAR



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

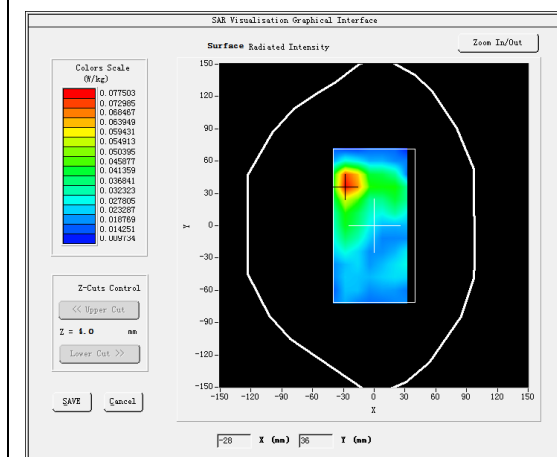
A. Experimental conditions.

<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>

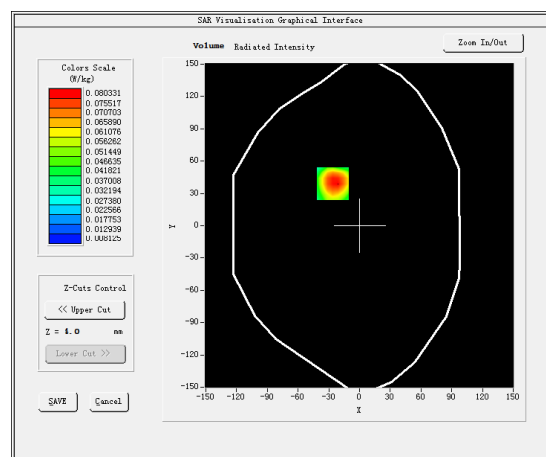
B. SAR Measurement Results

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



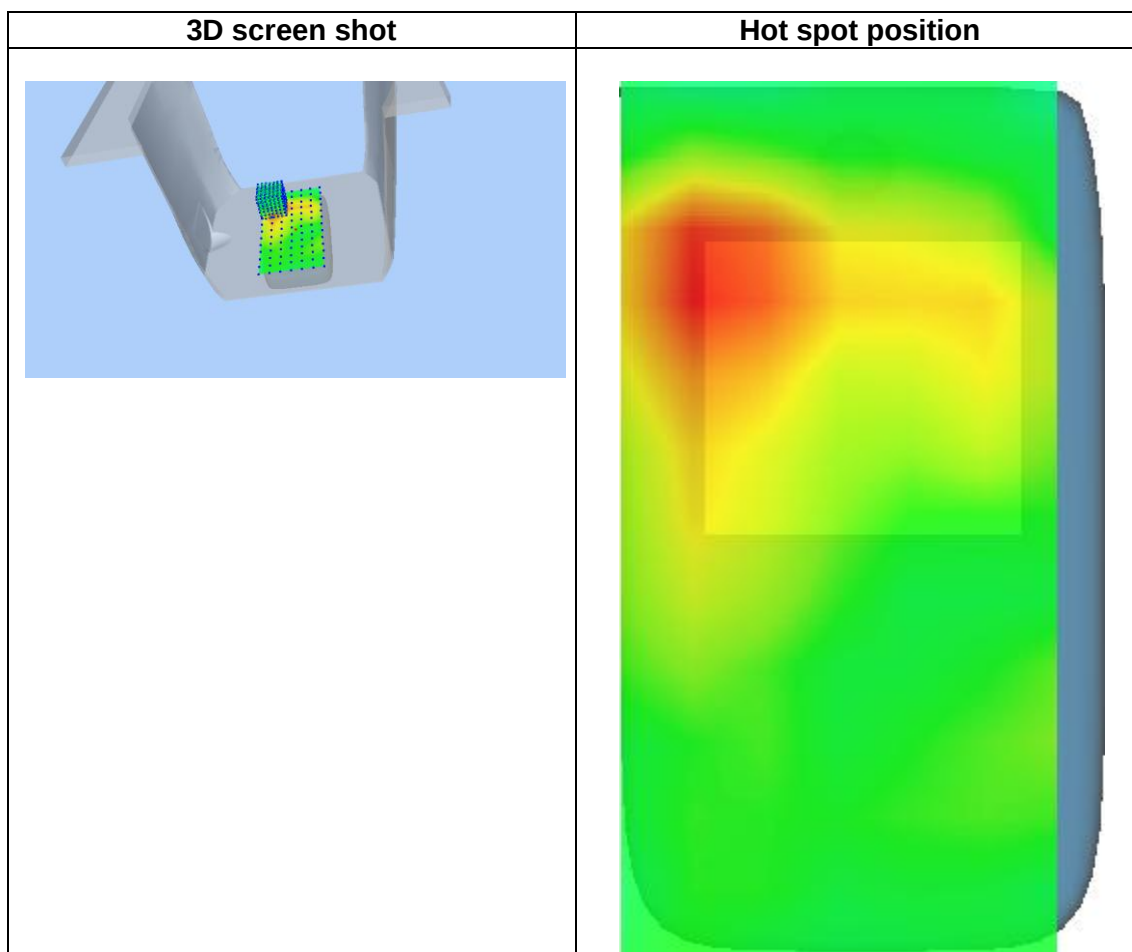
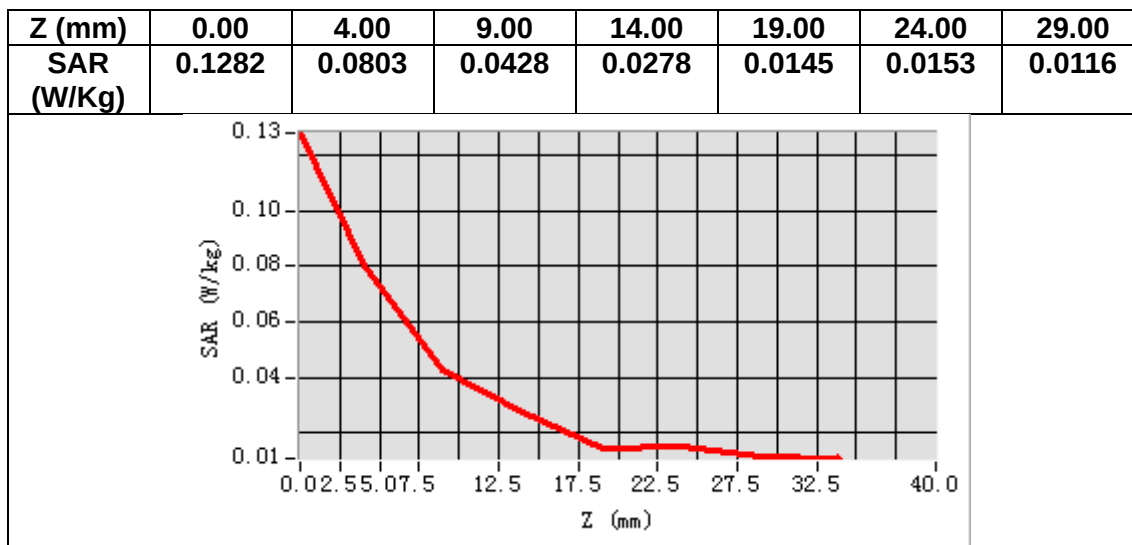
VOLUME SAR



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

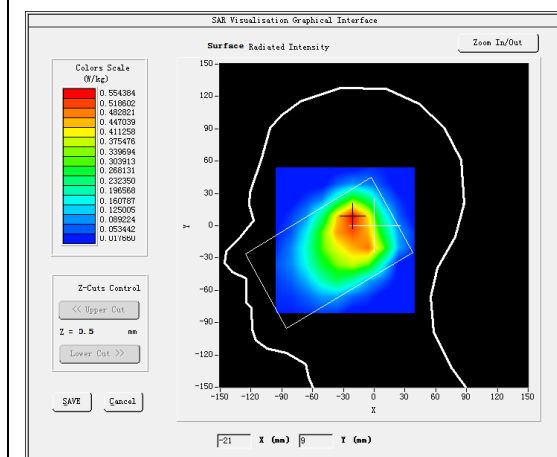
A. Experimental conditions.

<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>

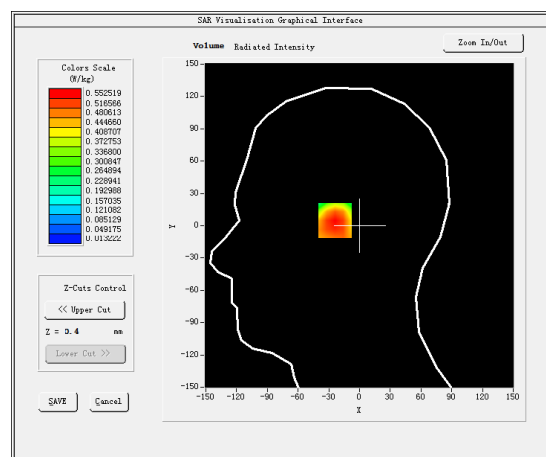
B. SAR Measurement Results

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



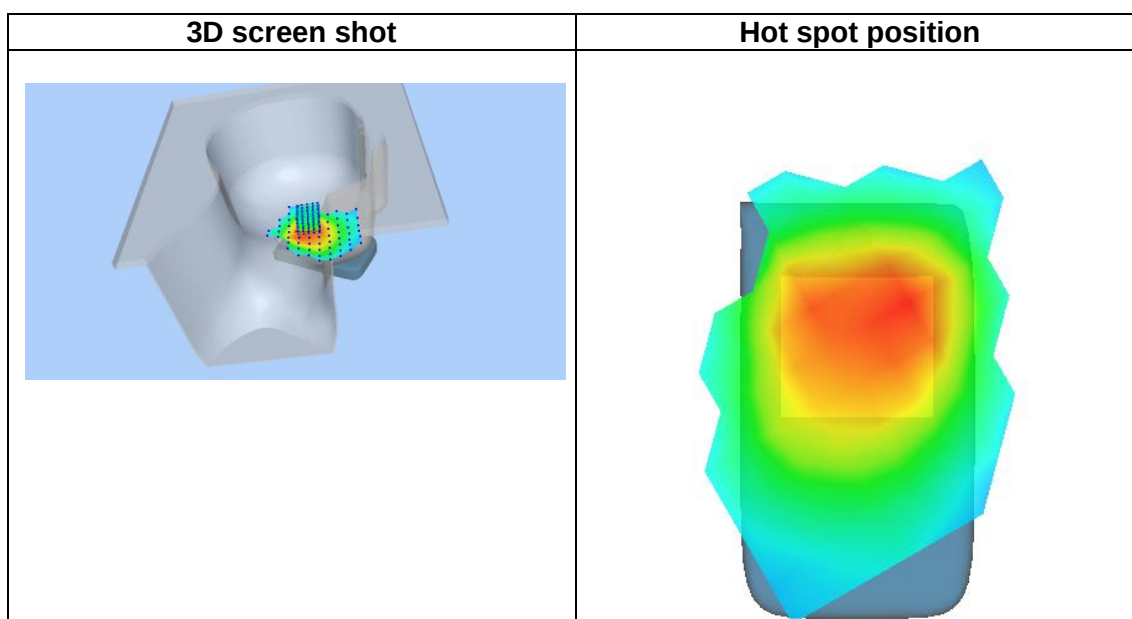
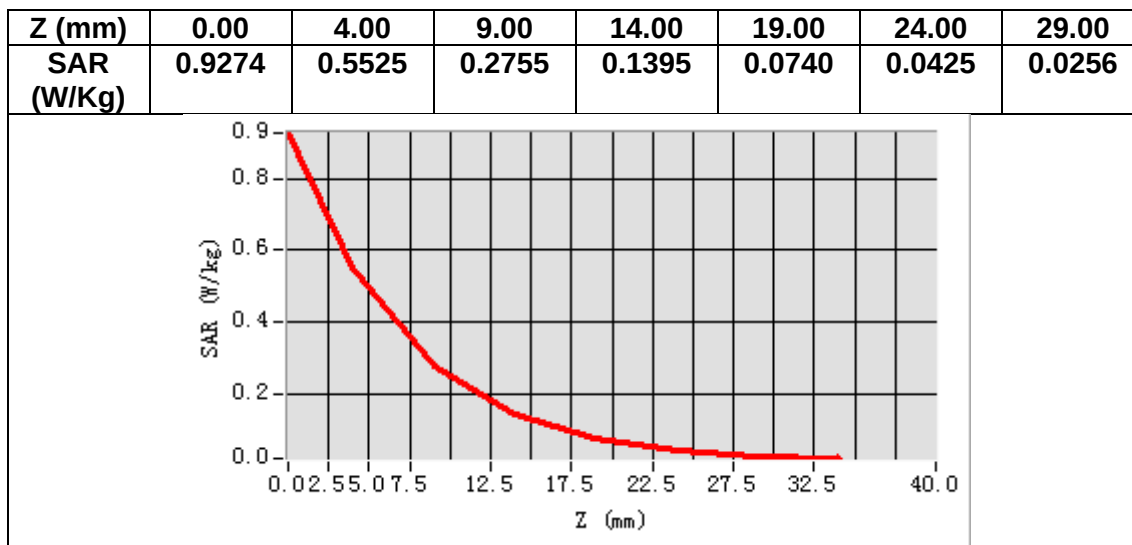
VOLUME SAR



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

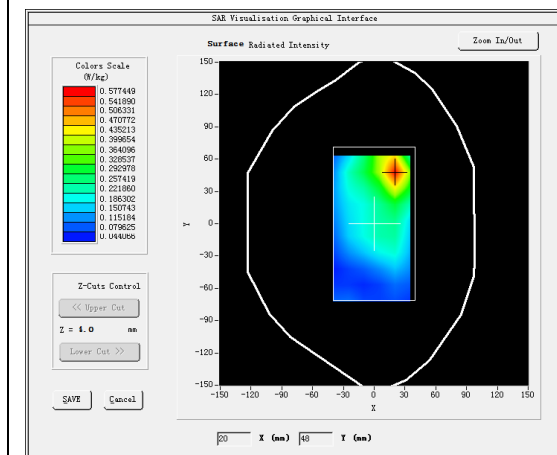
A. Experimental conditions.

<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>

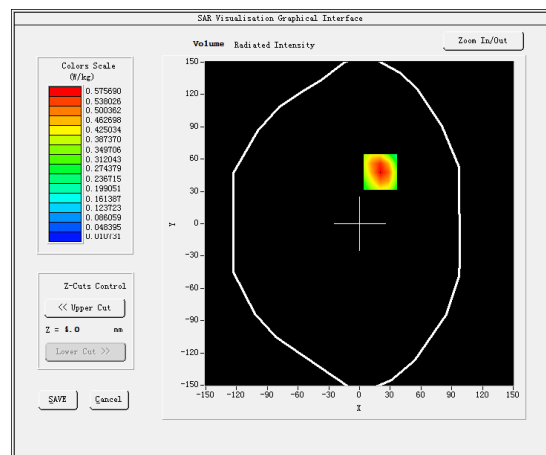
B. SAR Measurement Results

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



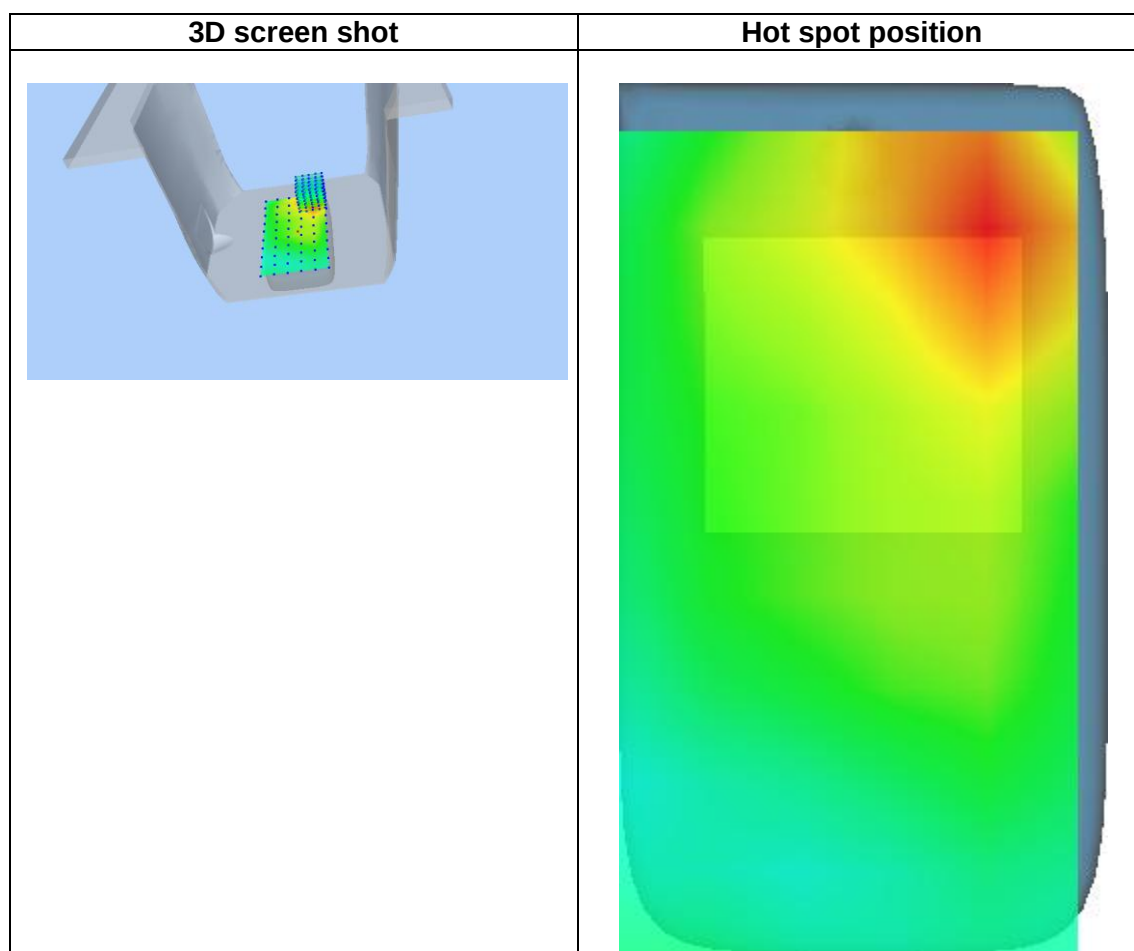
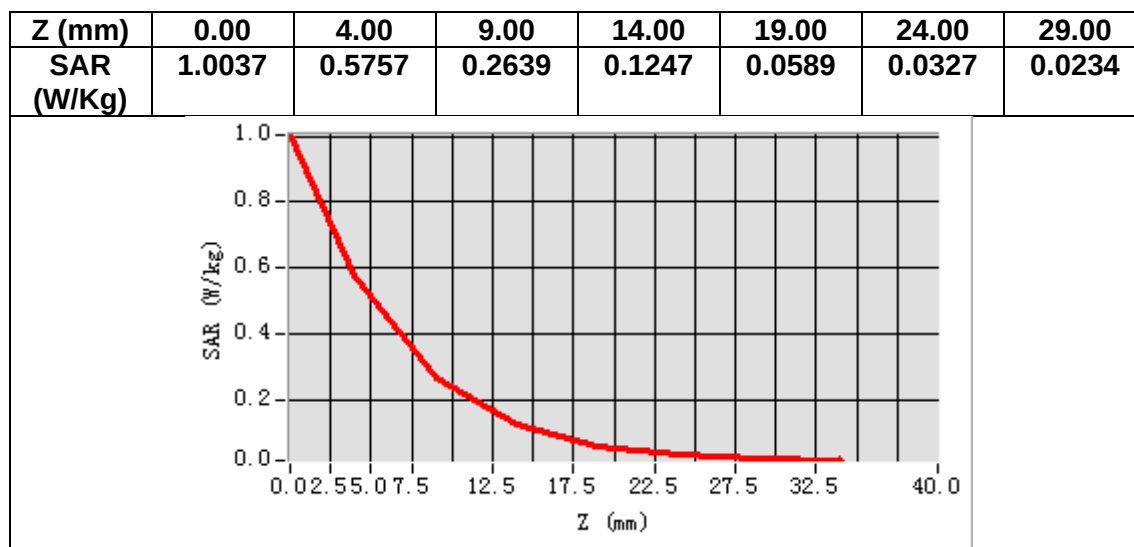
VOLUME SAR



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

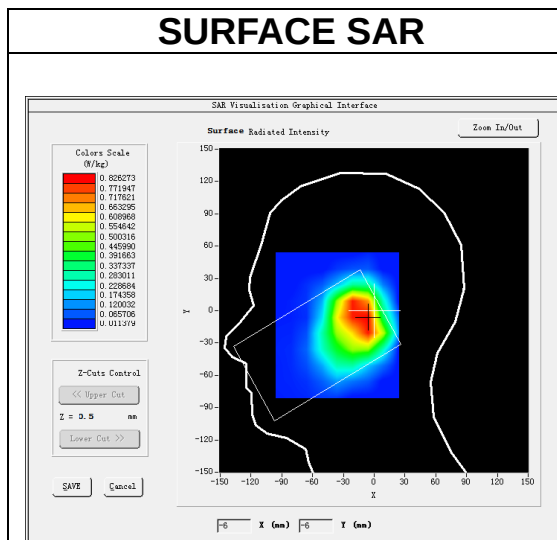
A. Experimental conditions.

<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>

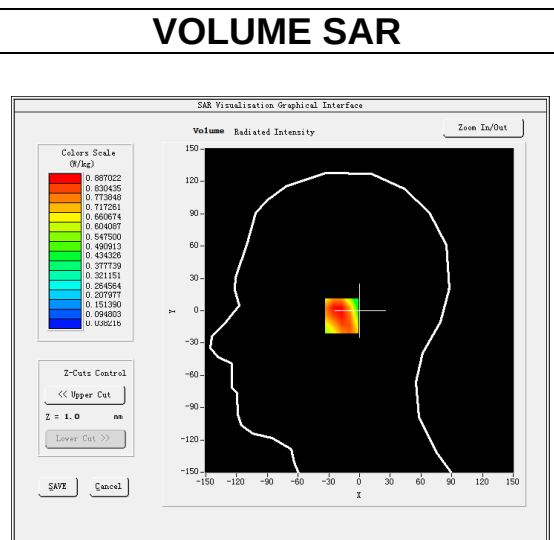
B. SAR Measurement Results

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



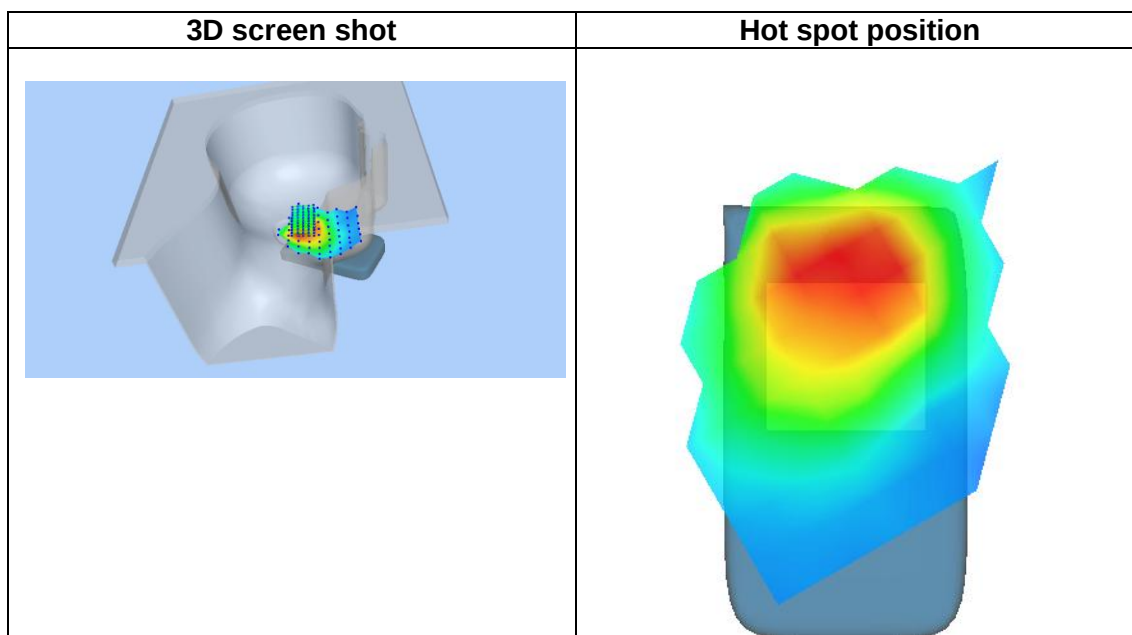
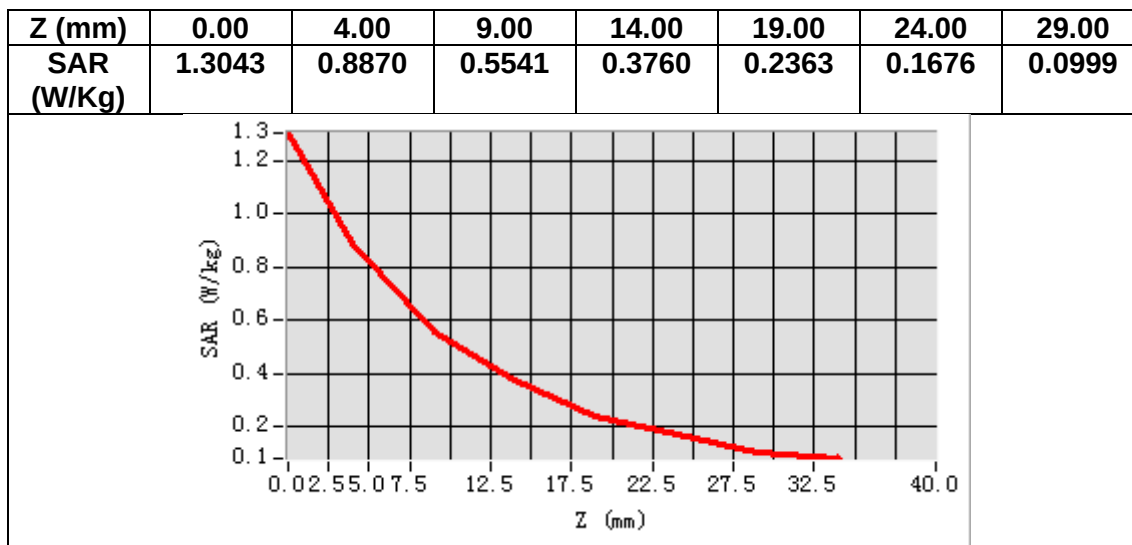
VOLUME SAR



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

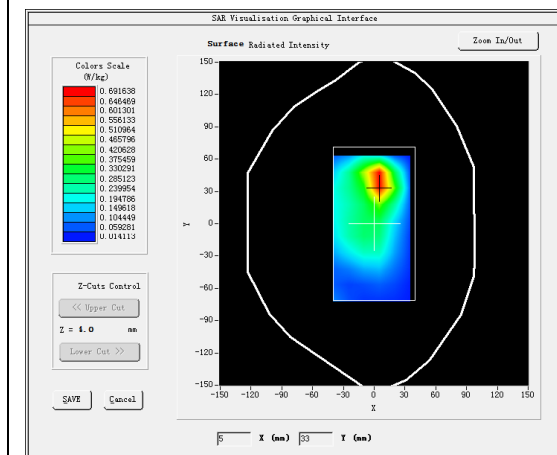
A. Experimental conditions.

<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>

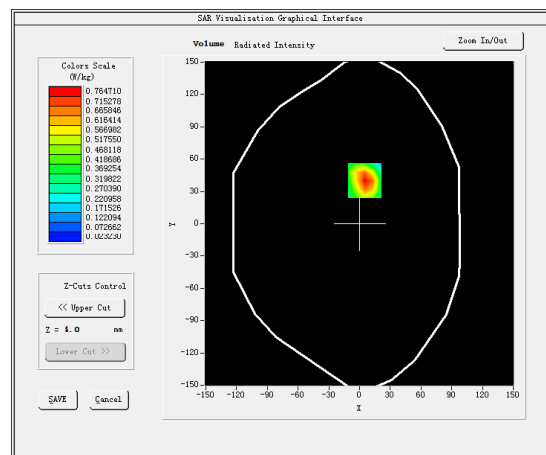
B. SAR Measurement Results

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



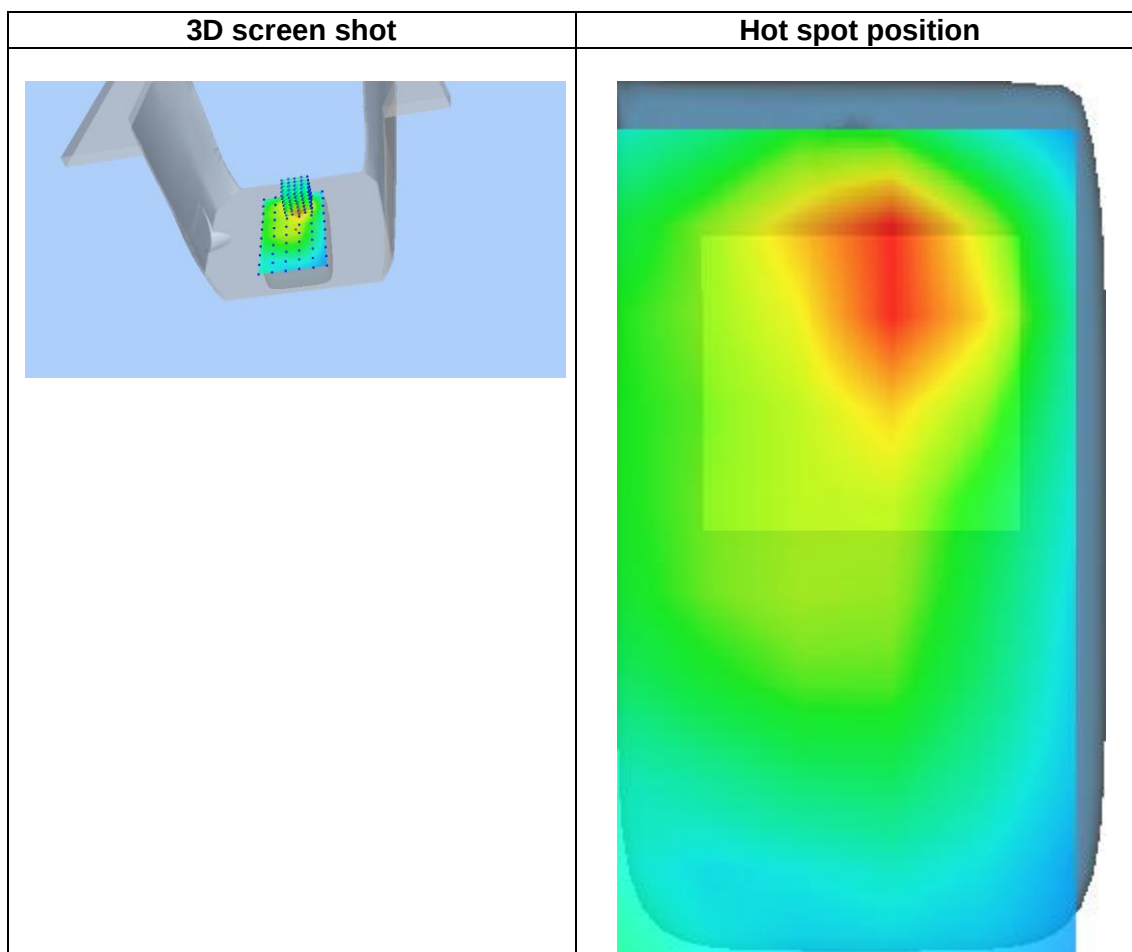
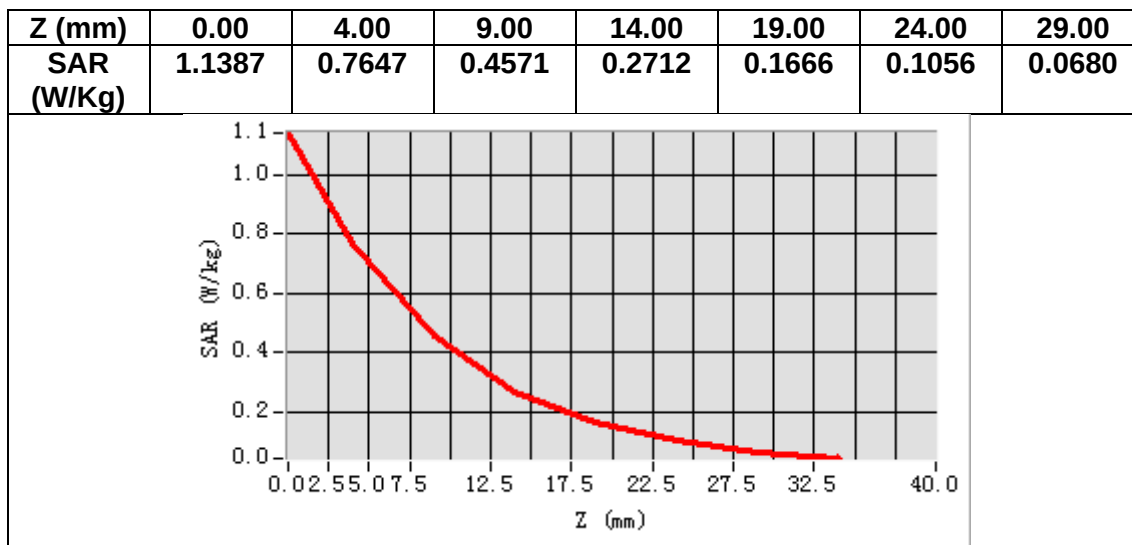
VOLUME SAR



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

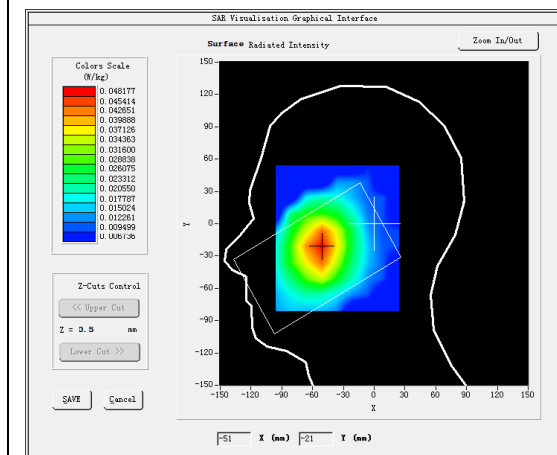
A. Experimental conditions.

<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>

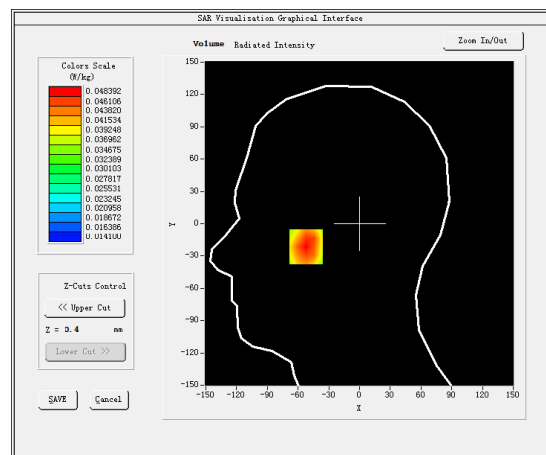
B. SAR Measurement Results

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



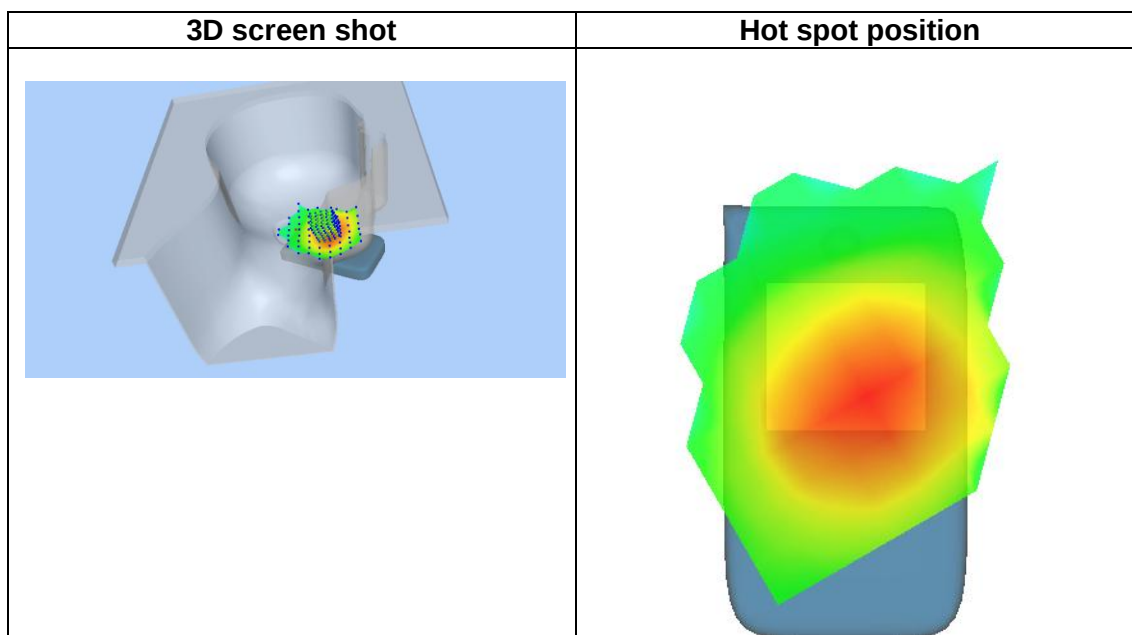
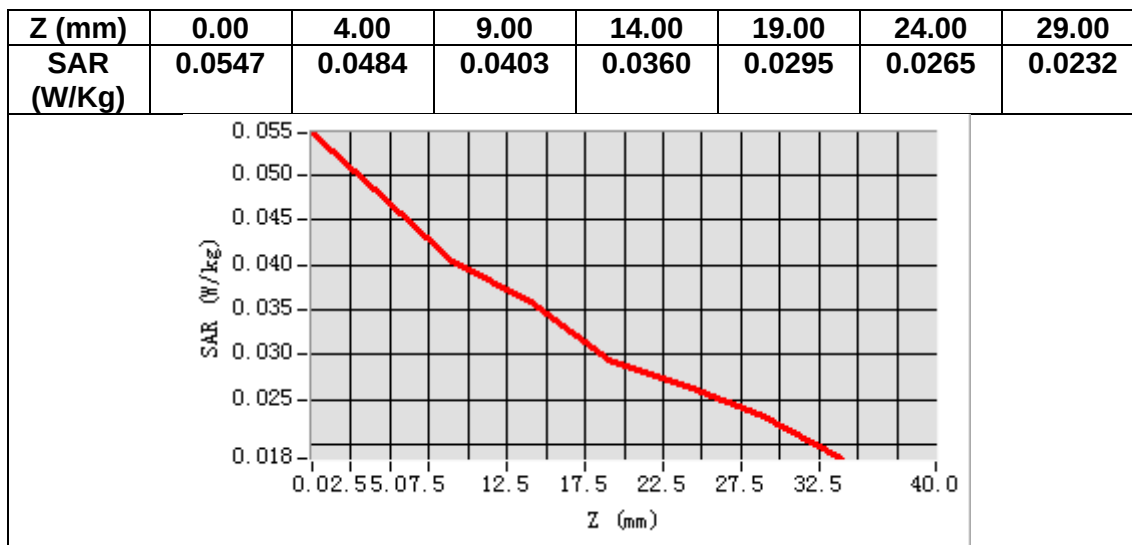
VOLUME SAR



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

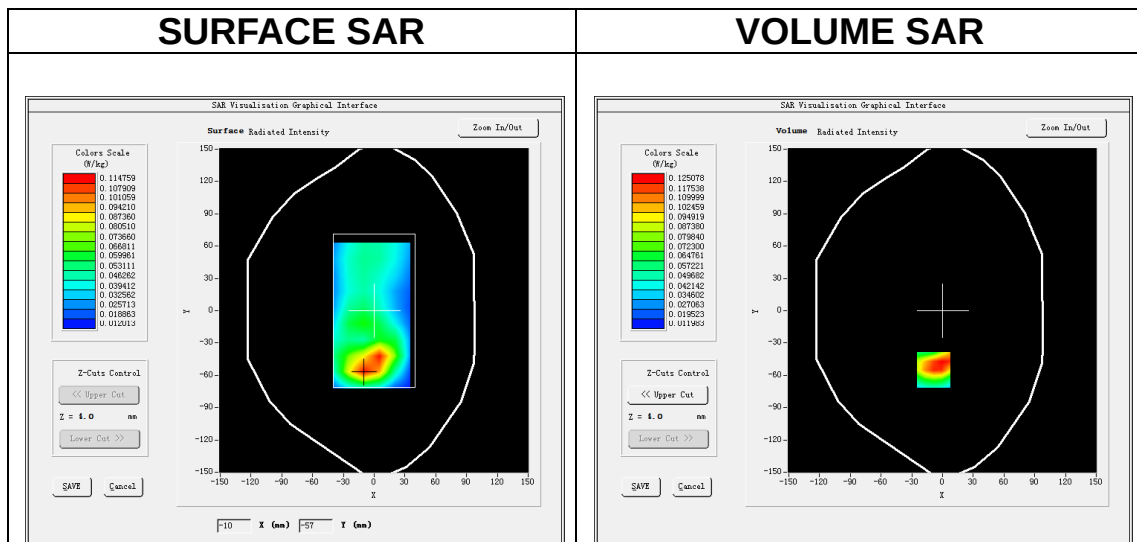
A. Experimental conditions.

<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

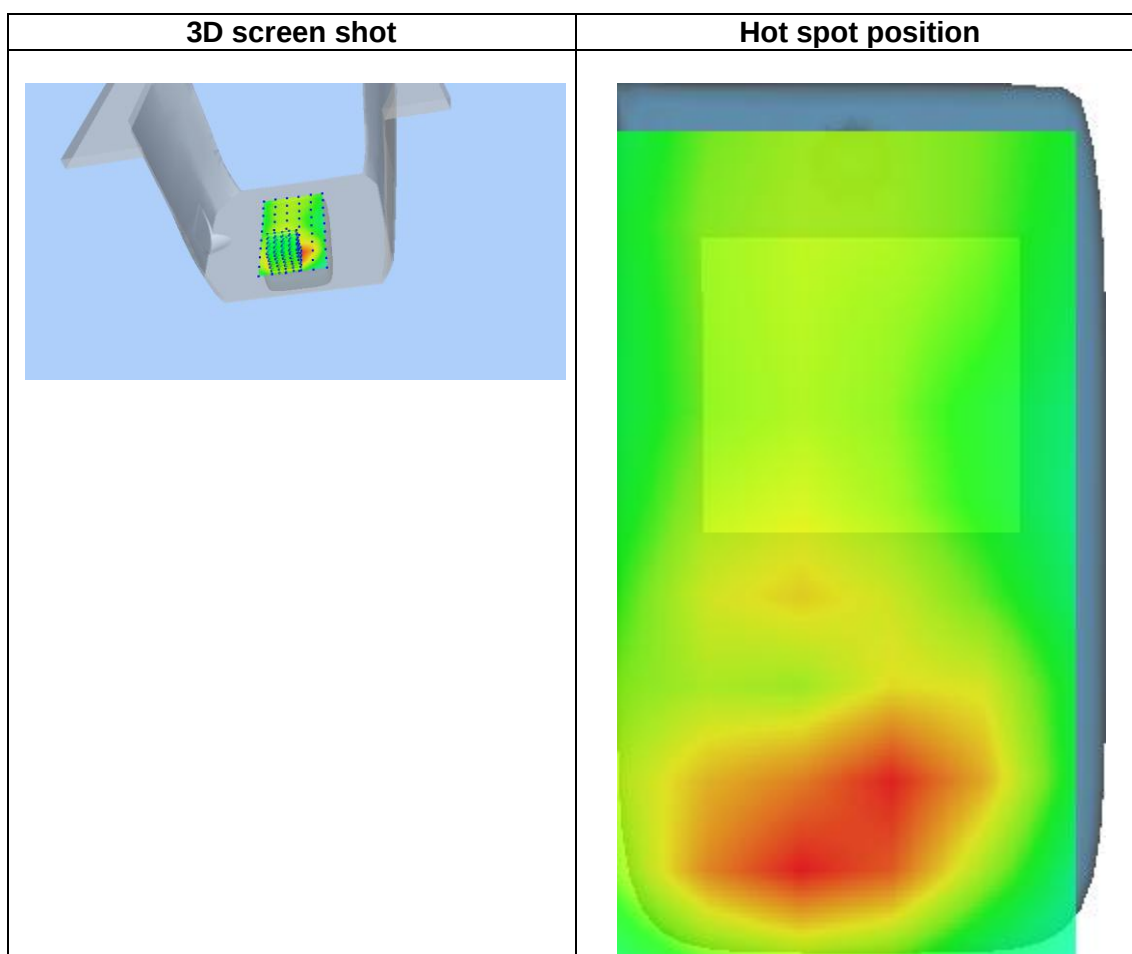
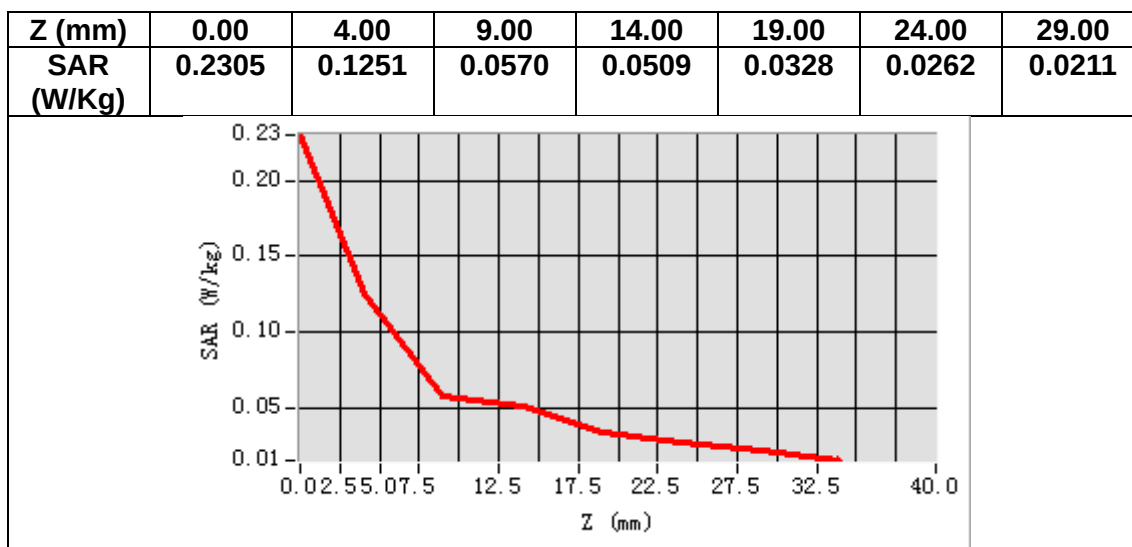
SURFACE SAR



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

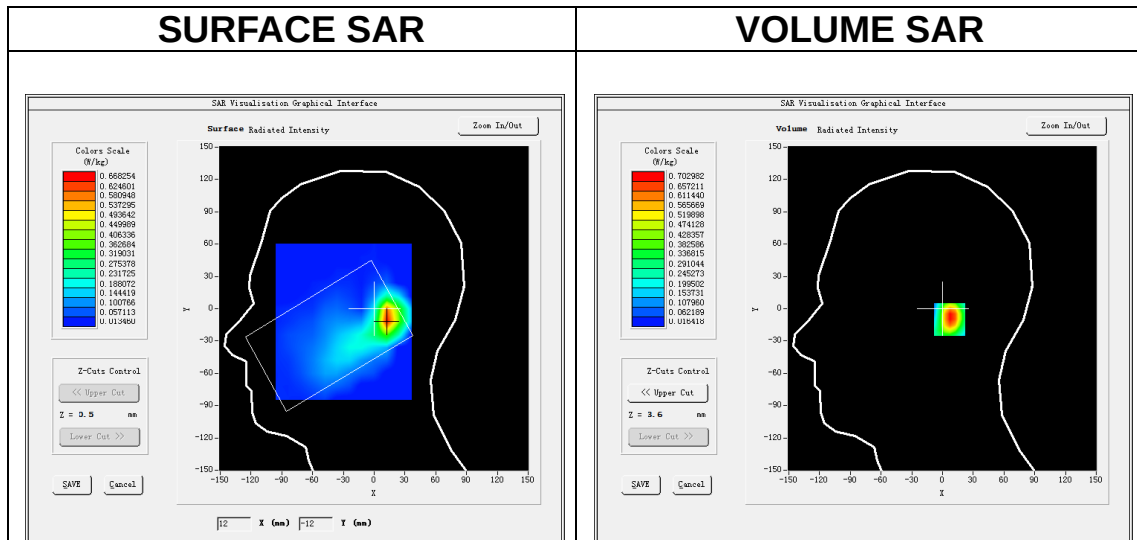
A. Experimental conditions.

<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

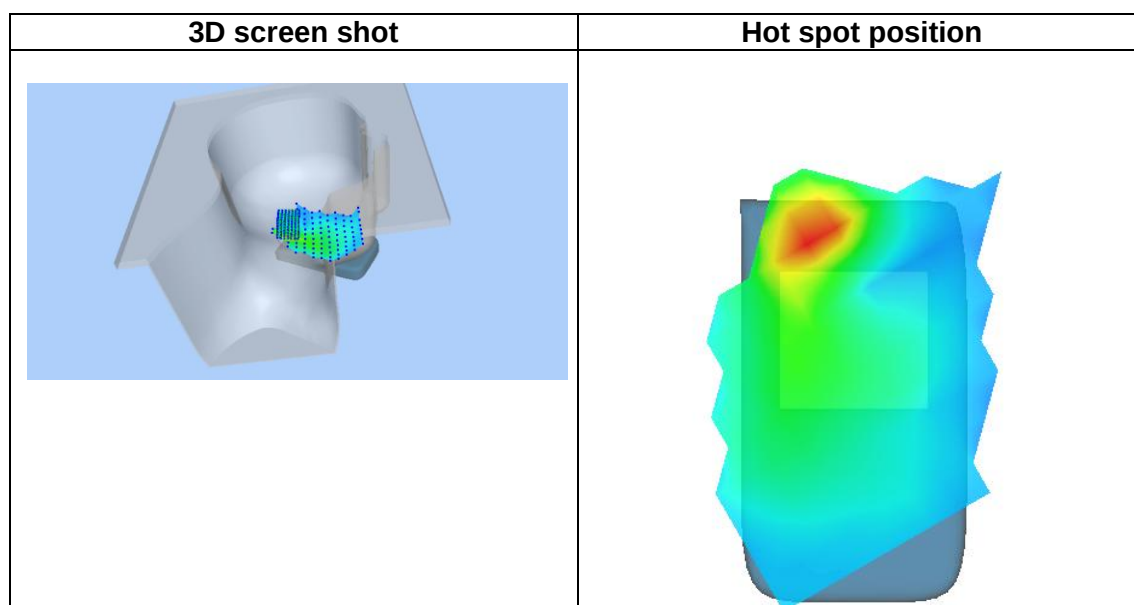
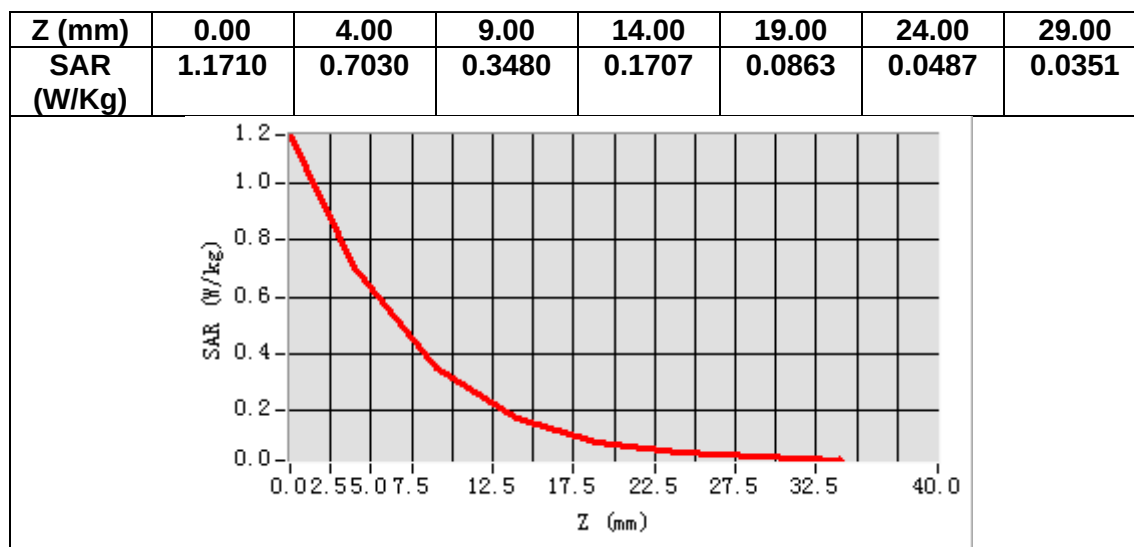
SURFACE SAR



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

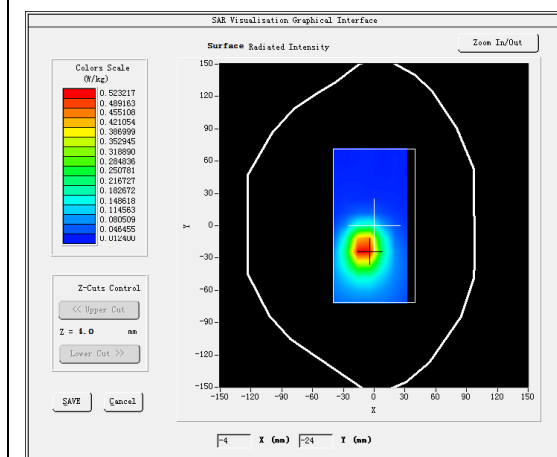
A. Experimental conditions.

<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>

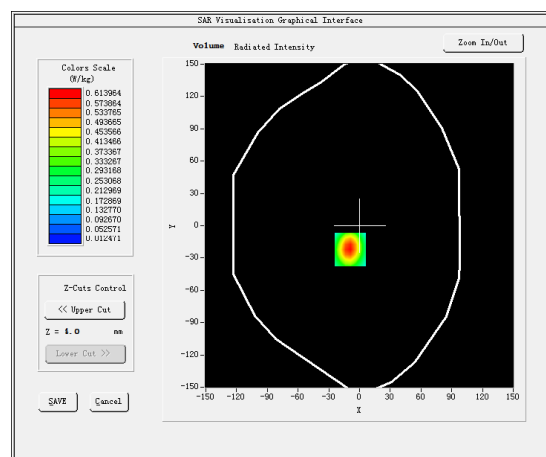
B. SAR Measurement Results

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



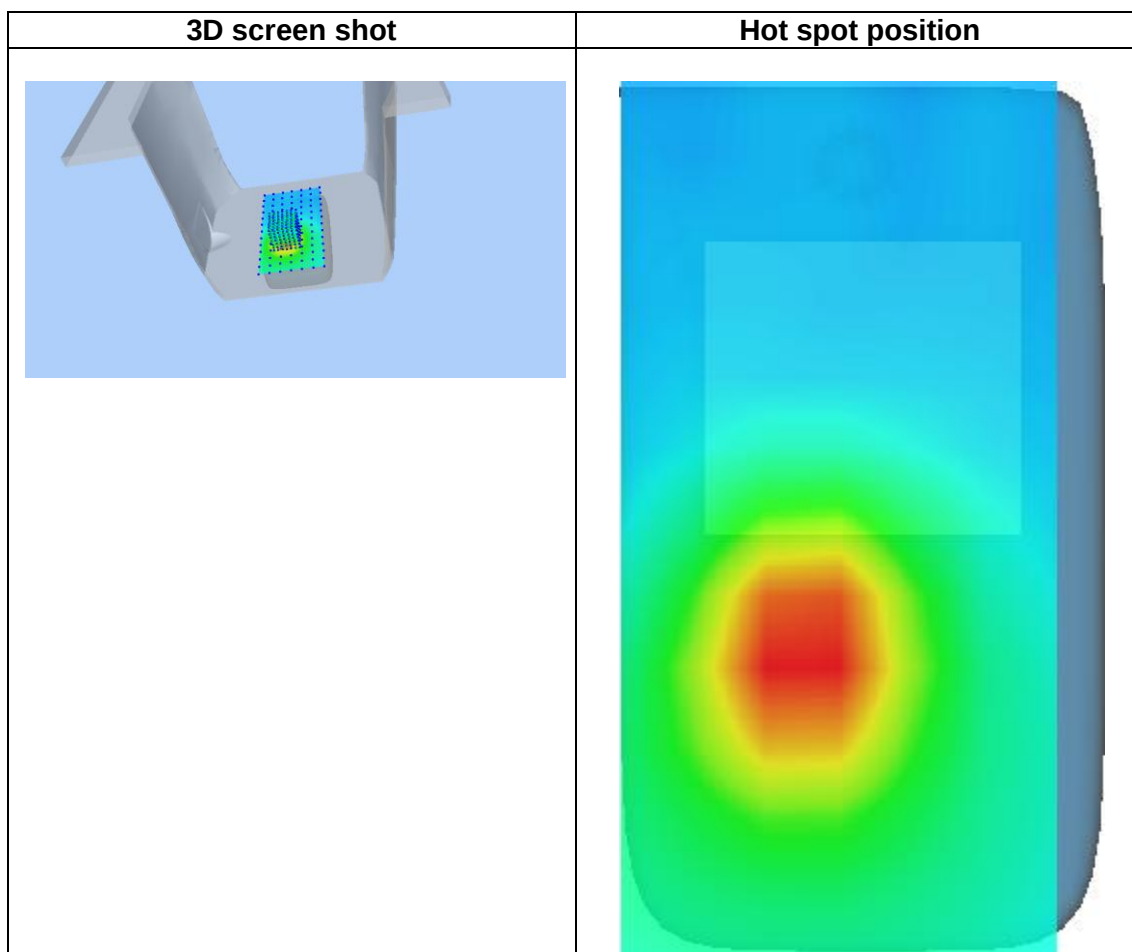
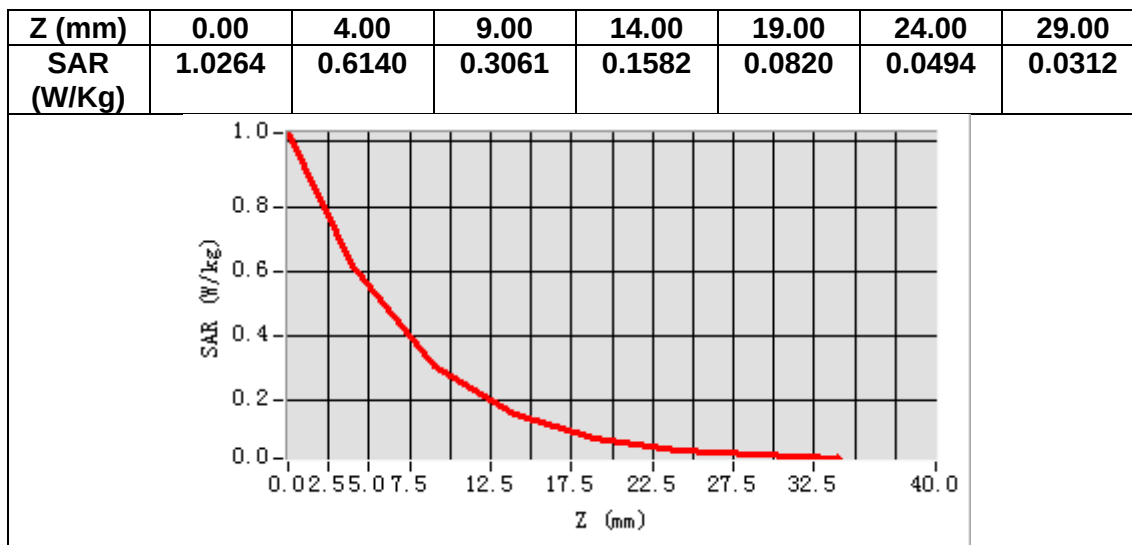
VOLUME SAR



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

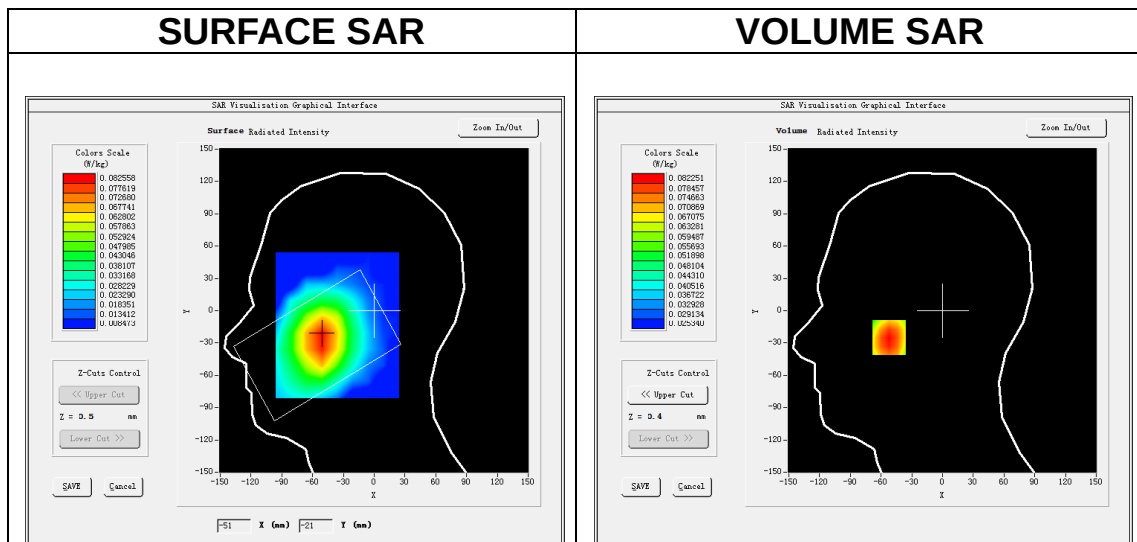
A. Experimental conditions.

<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

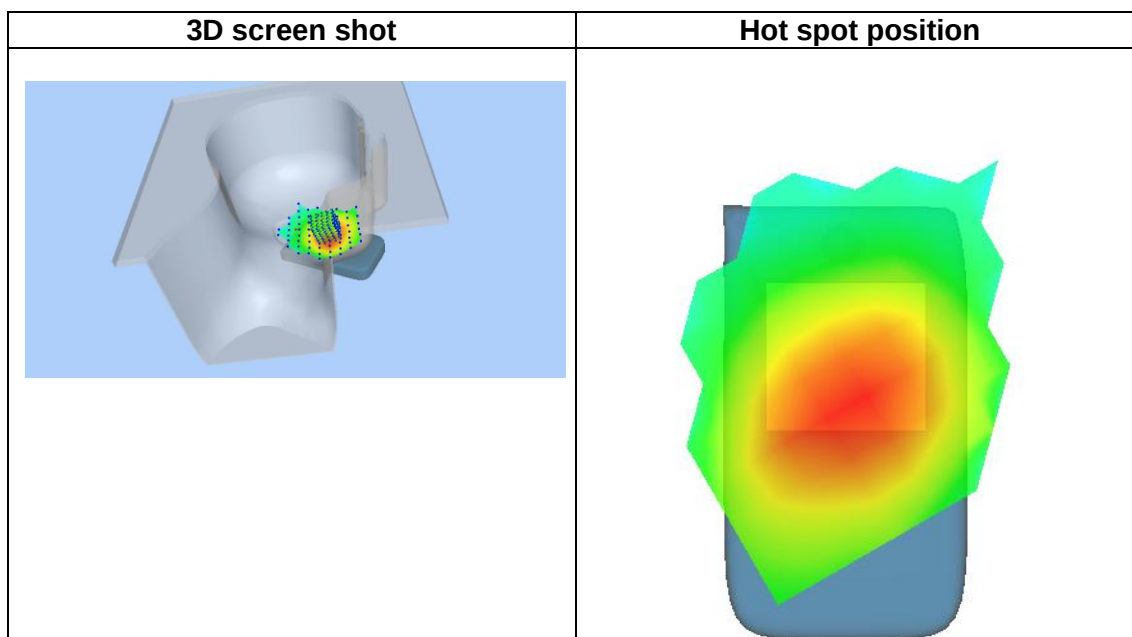
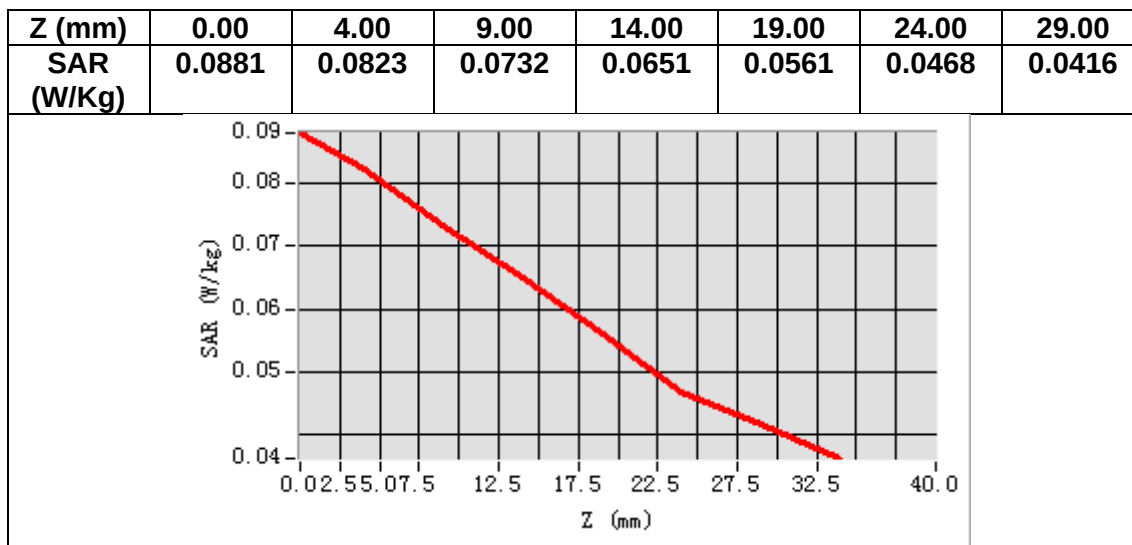
SURFACE SAR



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

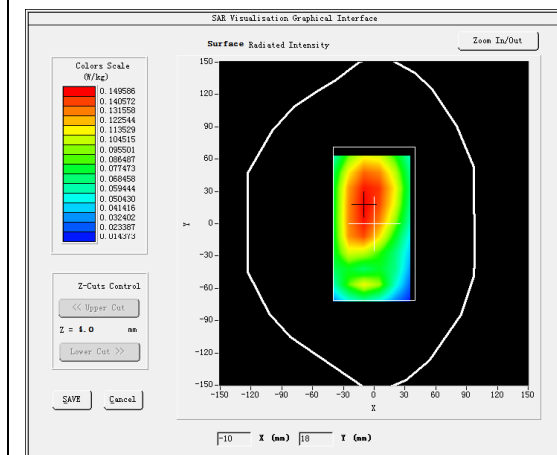
A. Experimental conditions.

<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>

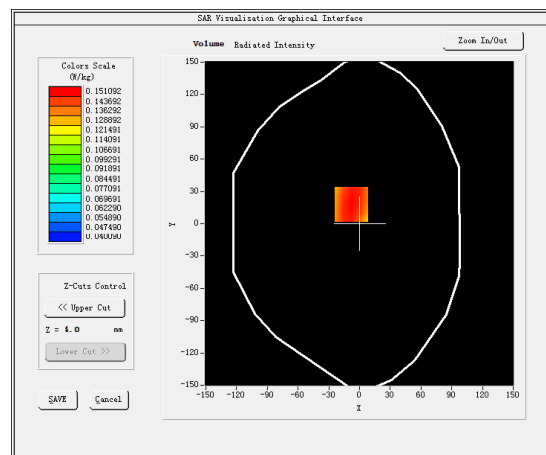
B. SAR Measurement Results

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



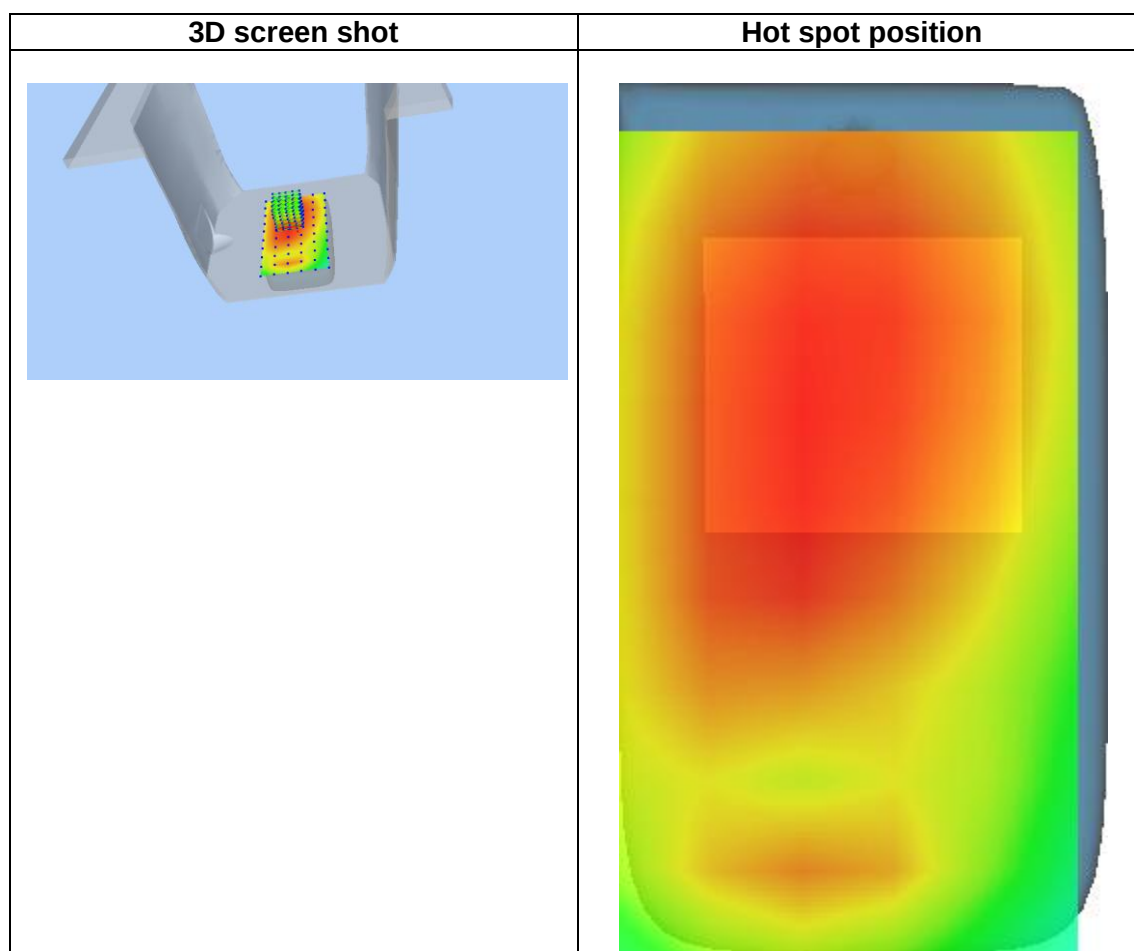
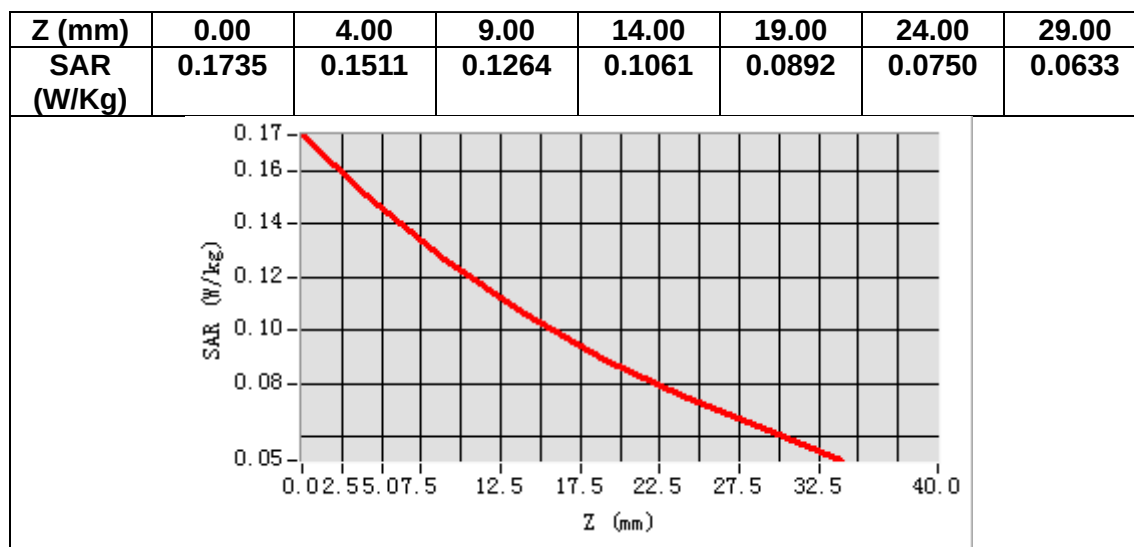
VOLUME SAR



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



MEASUREMENT 31

Date of measurement: 9/9/2024

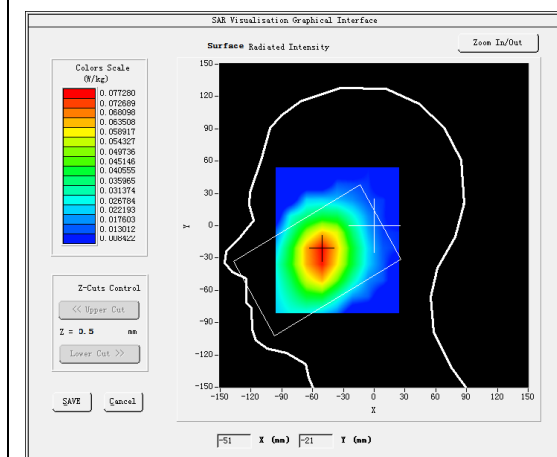
A. Experimental conditions.

<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>

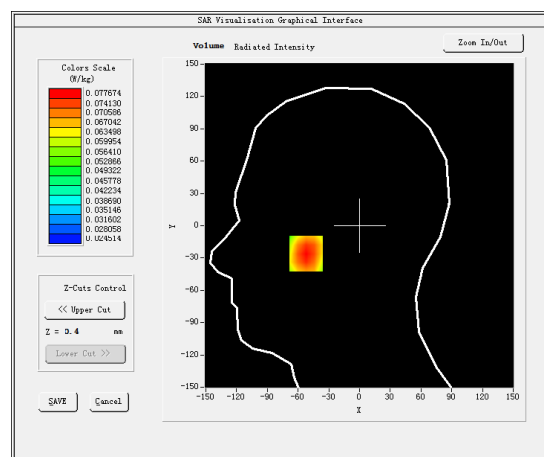
B. SAR Measurement Results

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



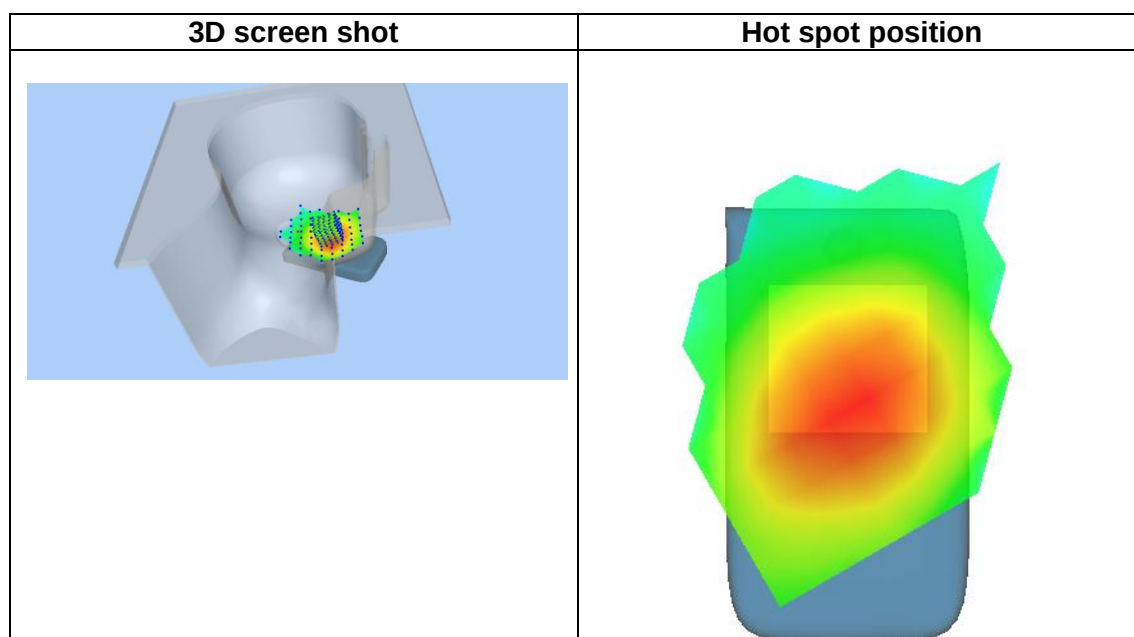
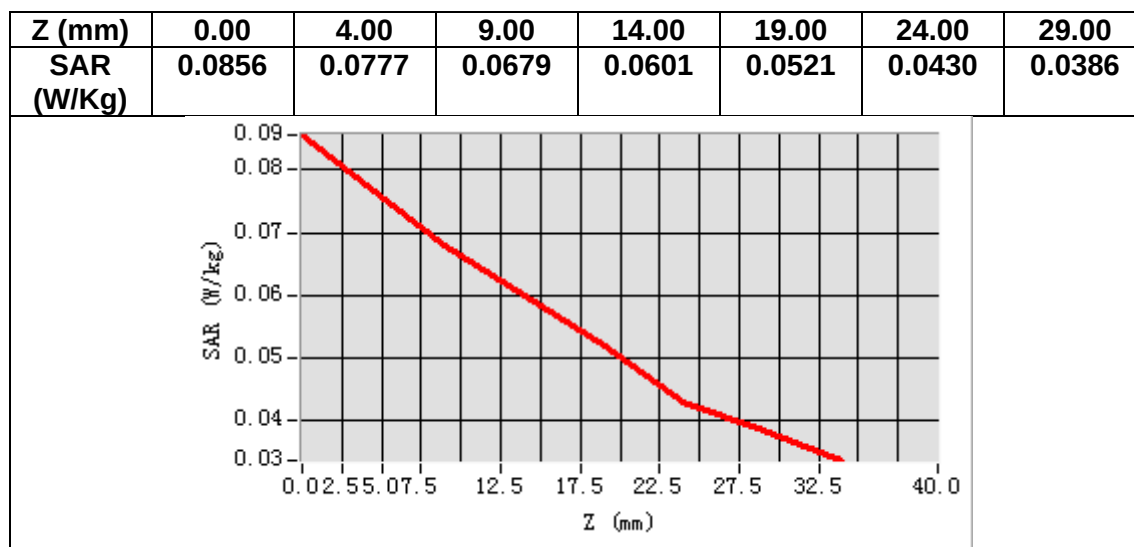
VOLUME SAR



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

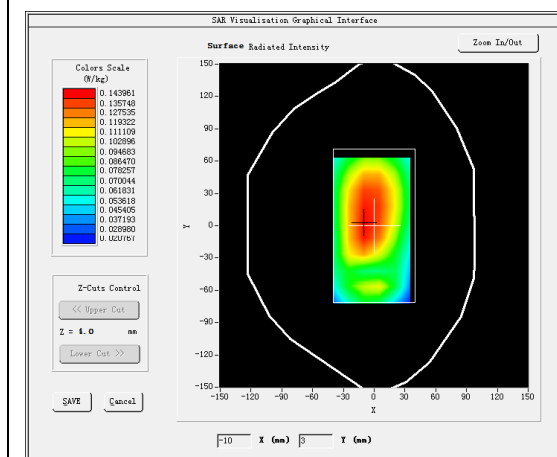
A. Experimental conditions.

<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>

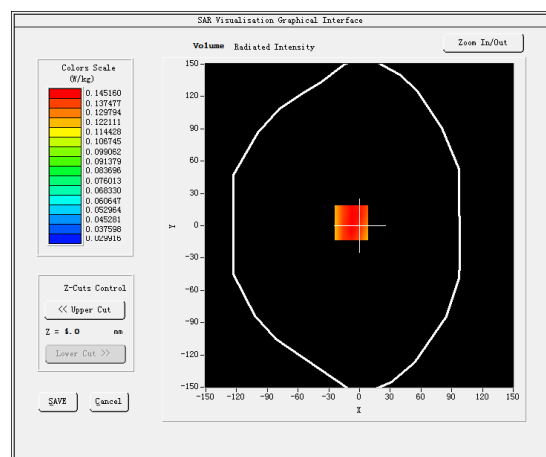
B. SAR Measurement Results

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



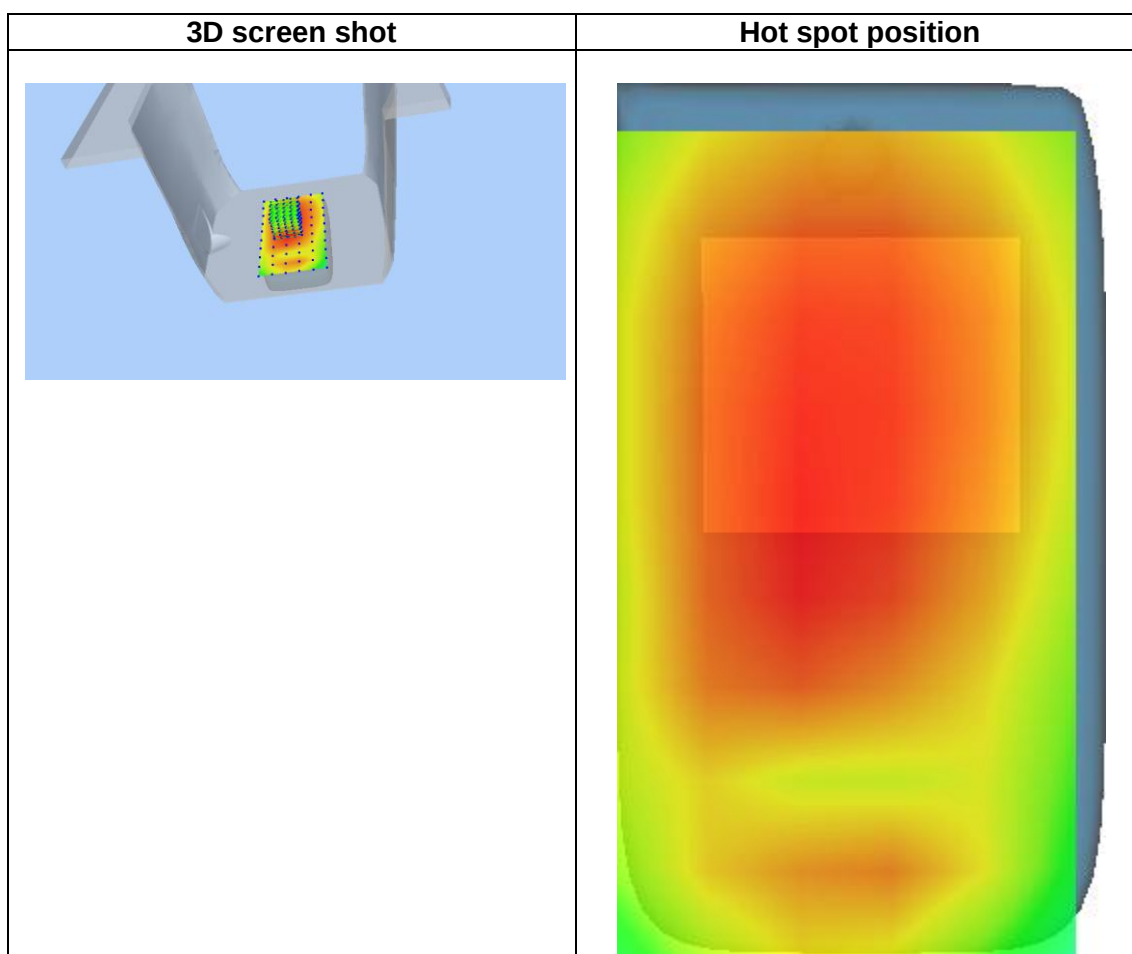
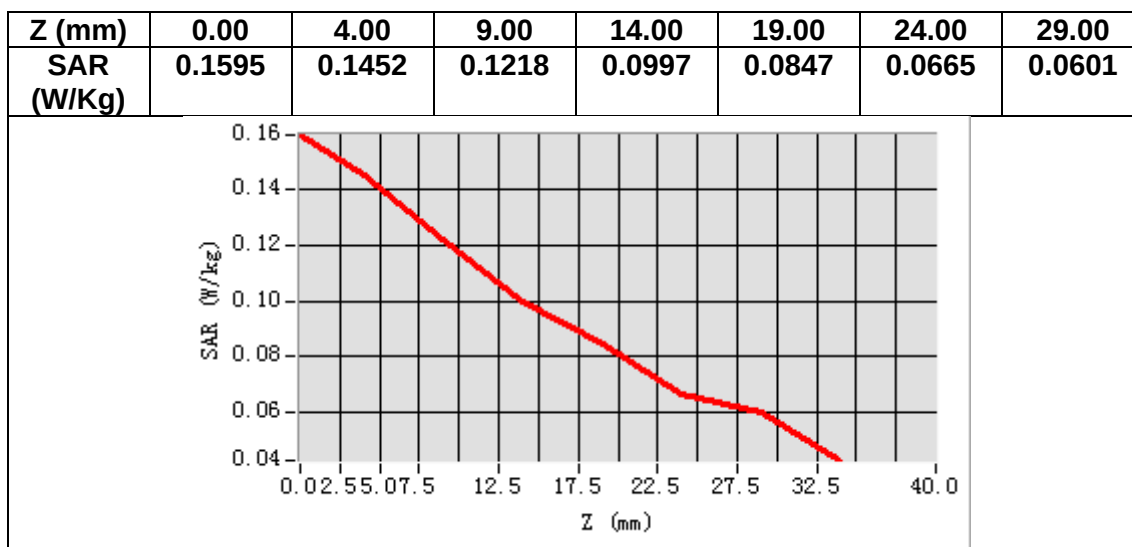
VOLUME SAR



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

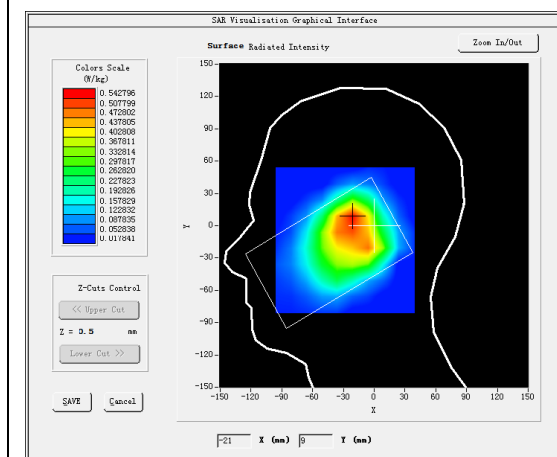
A. Experimental conditions.

<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>

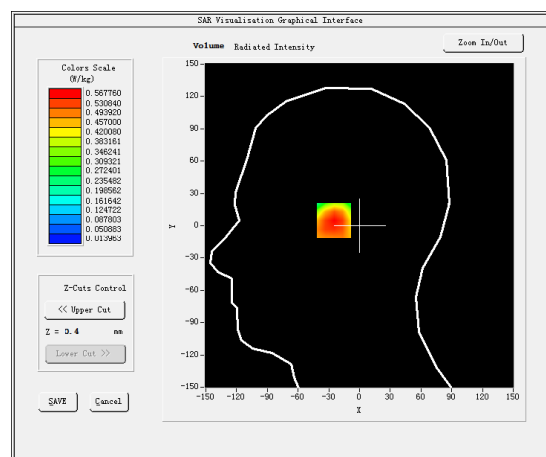
B. SAR Measurement Results

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



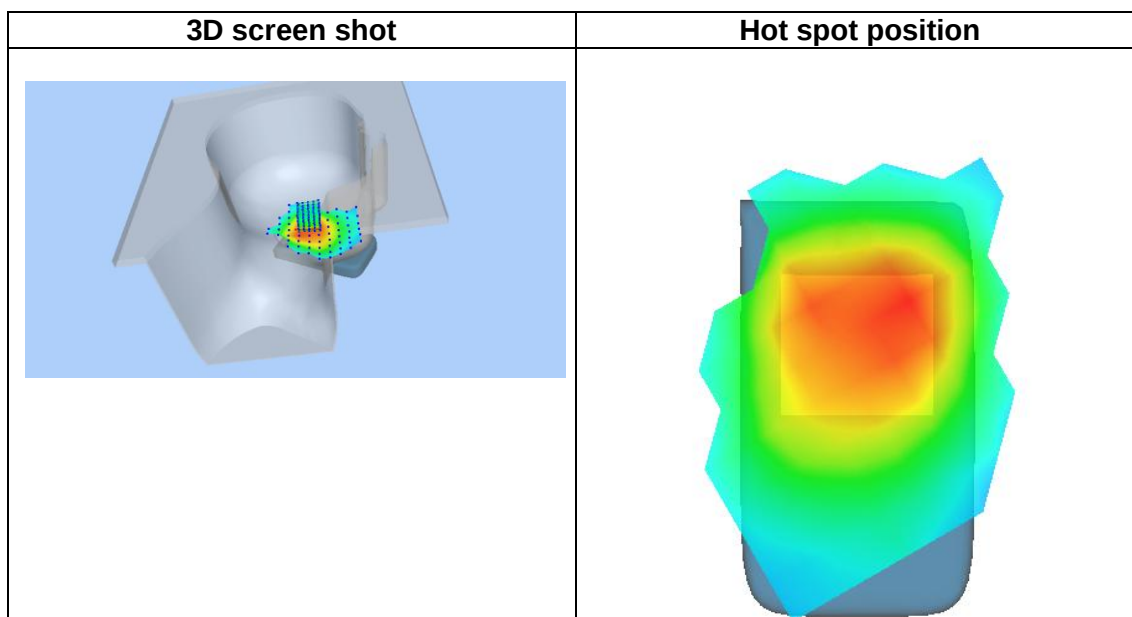
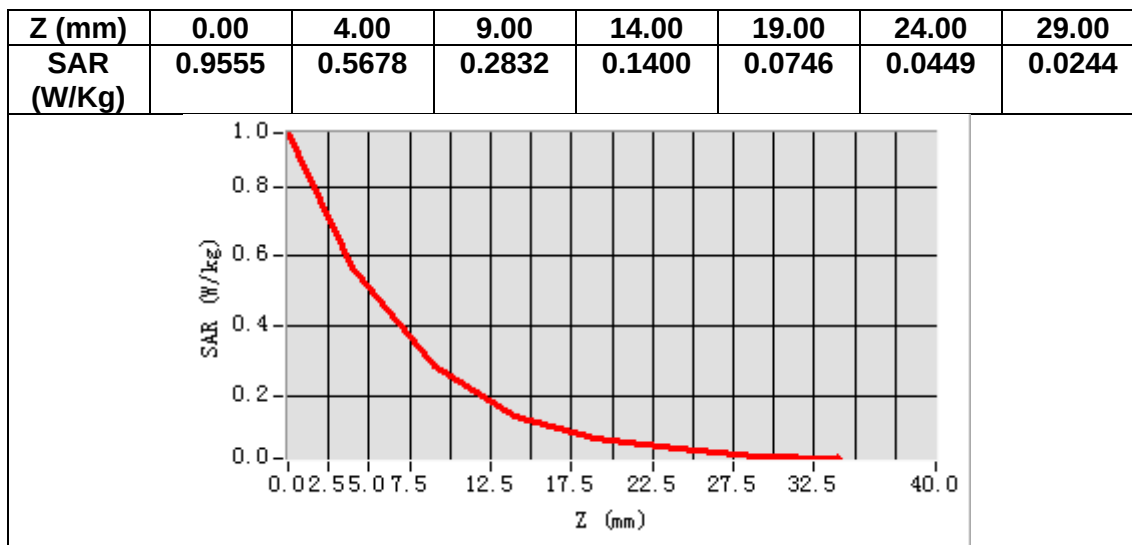
VOLUME SAR



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

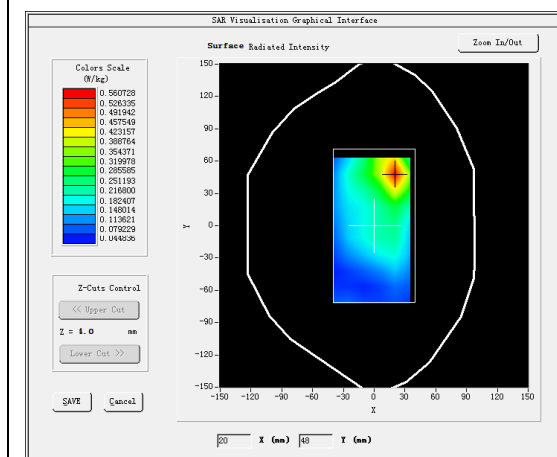
A. Experimental conditions.

<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>

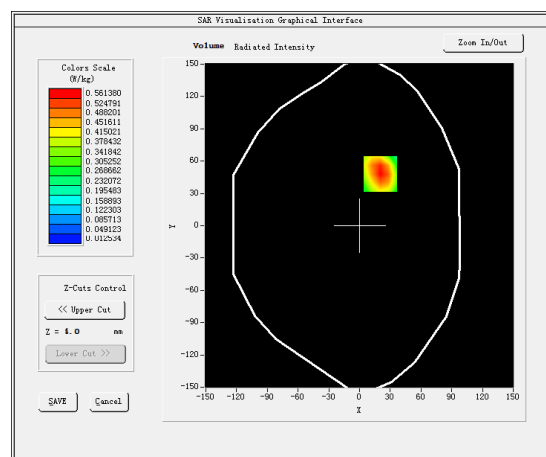
B. SAR Measurement Results

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



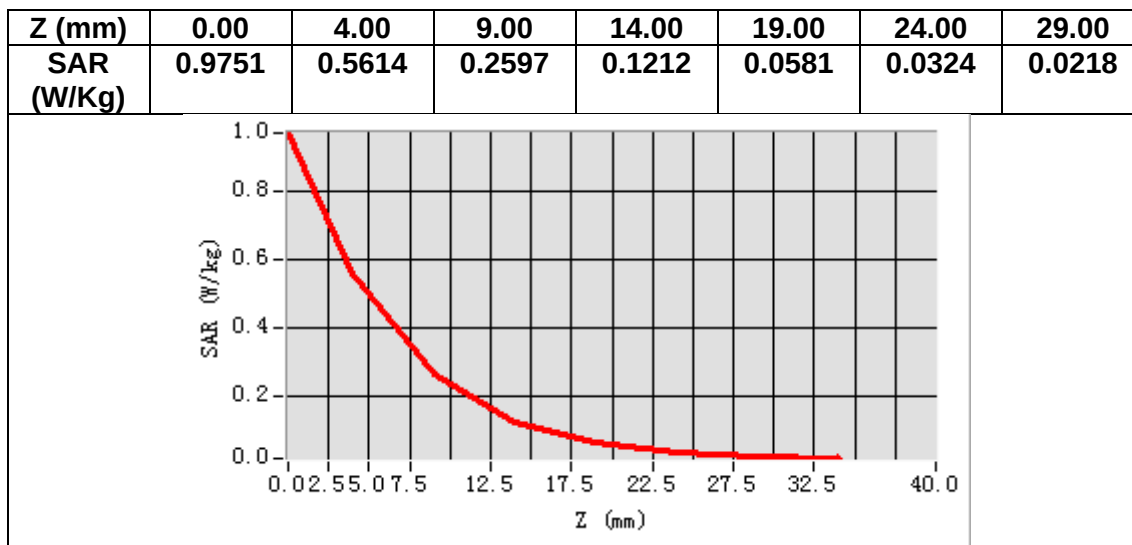
VOLUME SAR



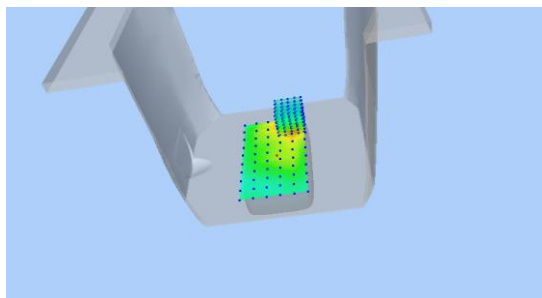
Maximum location: X=20.00, Y=48.00

SAR Peak: 0.99 W/kg

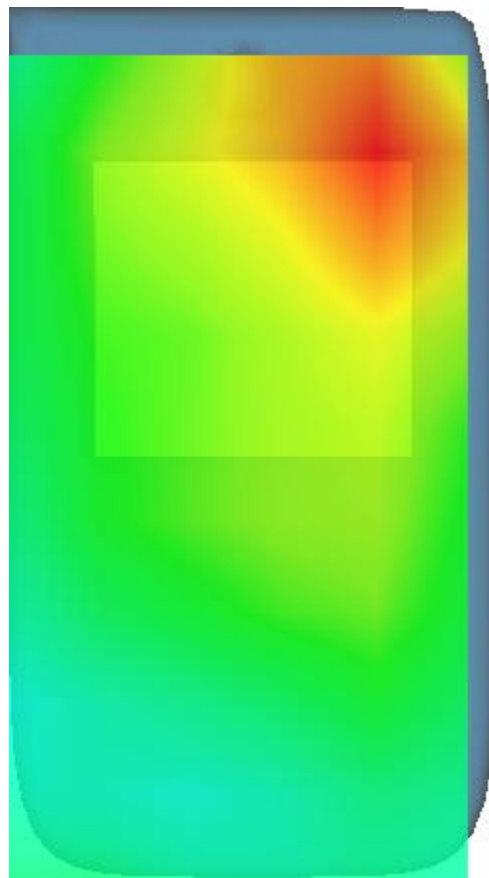
SAR 10g (W/Kg)	0.274042
SAR 1g (W/Kg)	0.559466



3D screen shot



Hot spot position



MEASUREMENT 35

Date of measurement: 30/8/2024

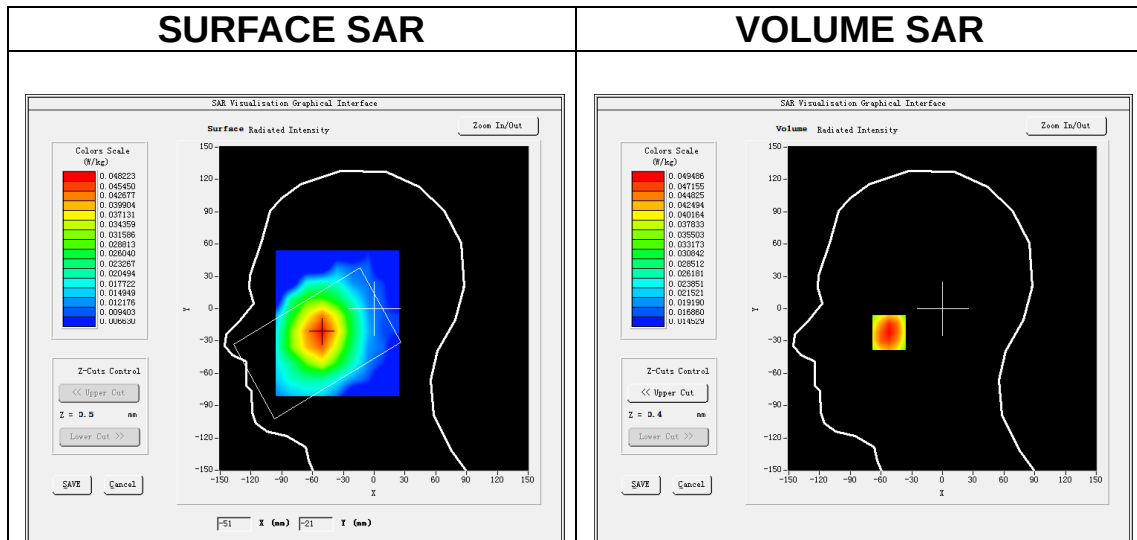
A. Experimental conditions.

<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

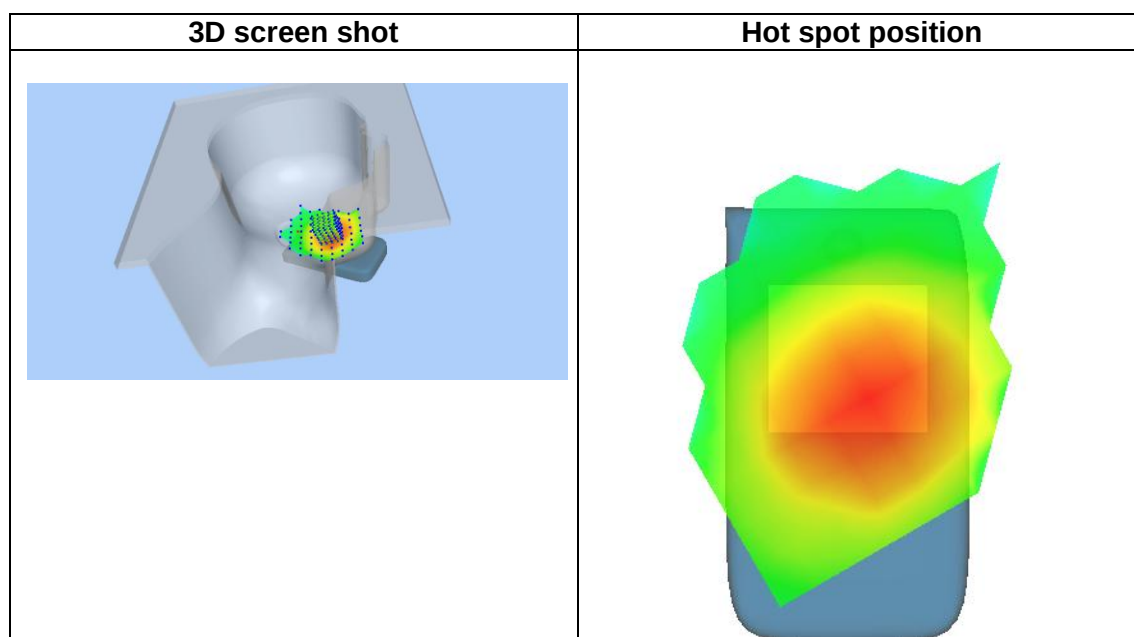
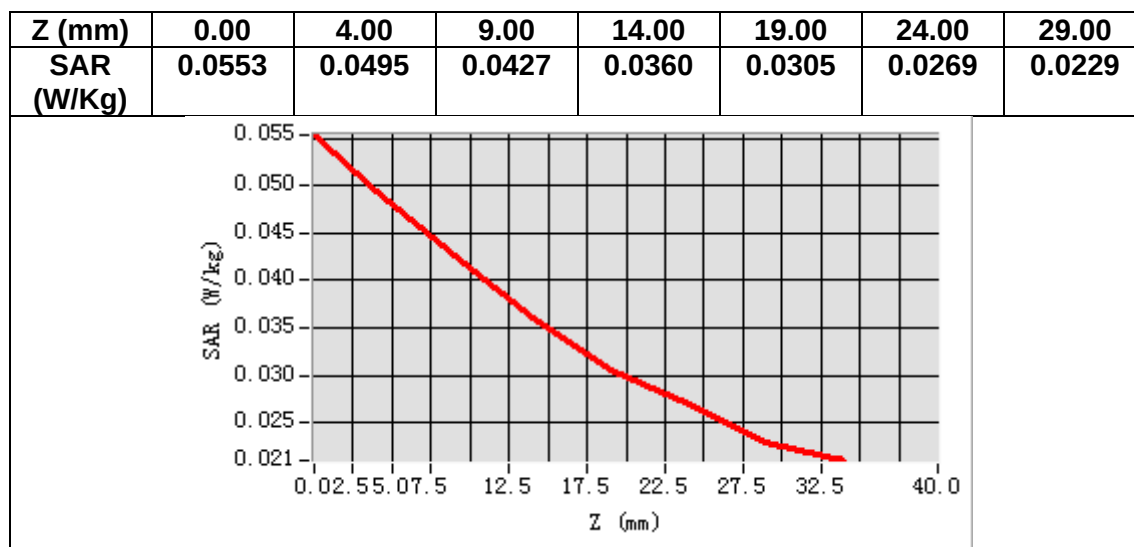
SURFACE SAR



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

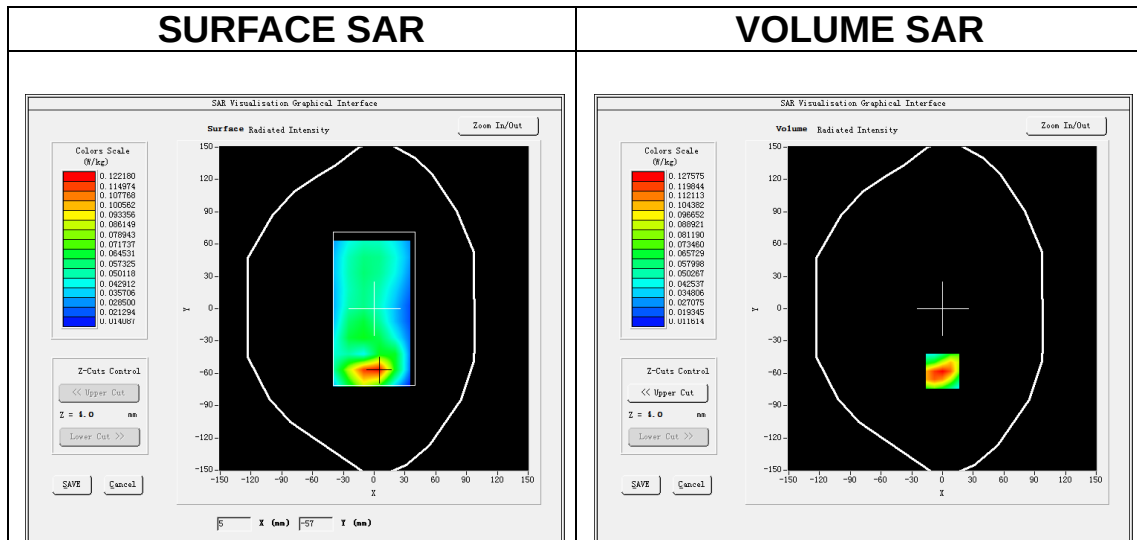
A. Experimental conditions.

<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

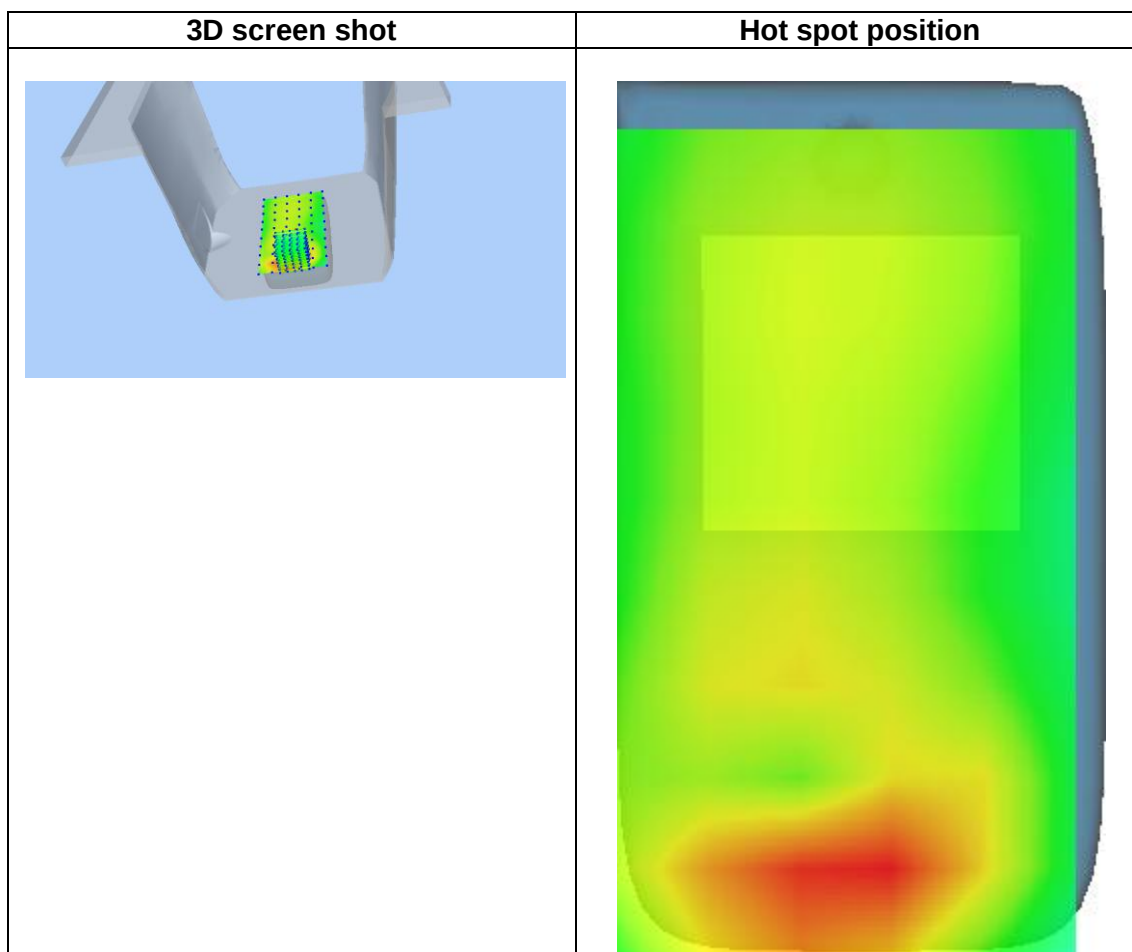
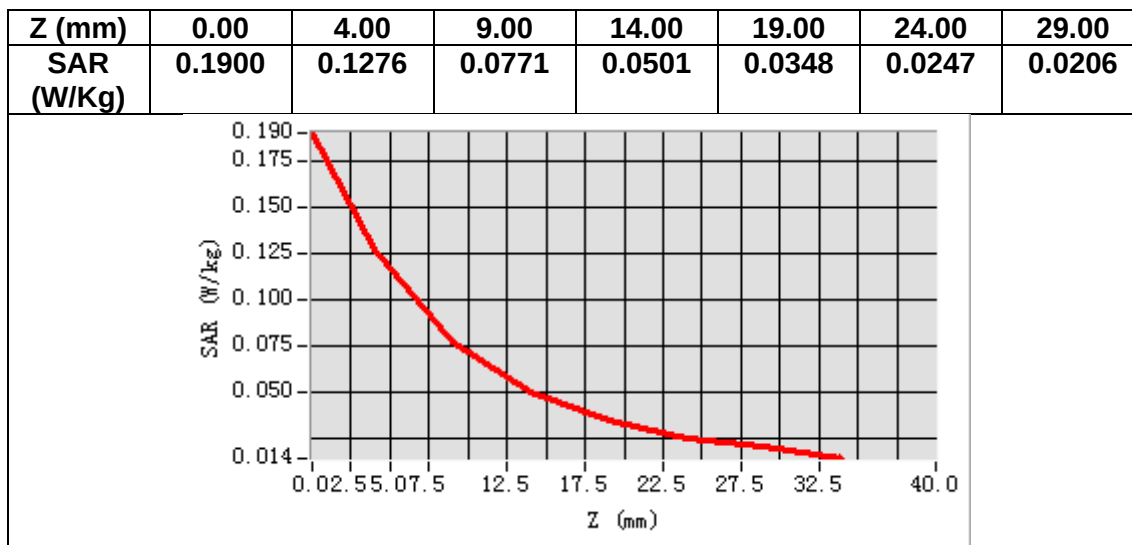
SURFACE SAR



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



MEASUREMENT 37

Date of measurement: 30/8/2024

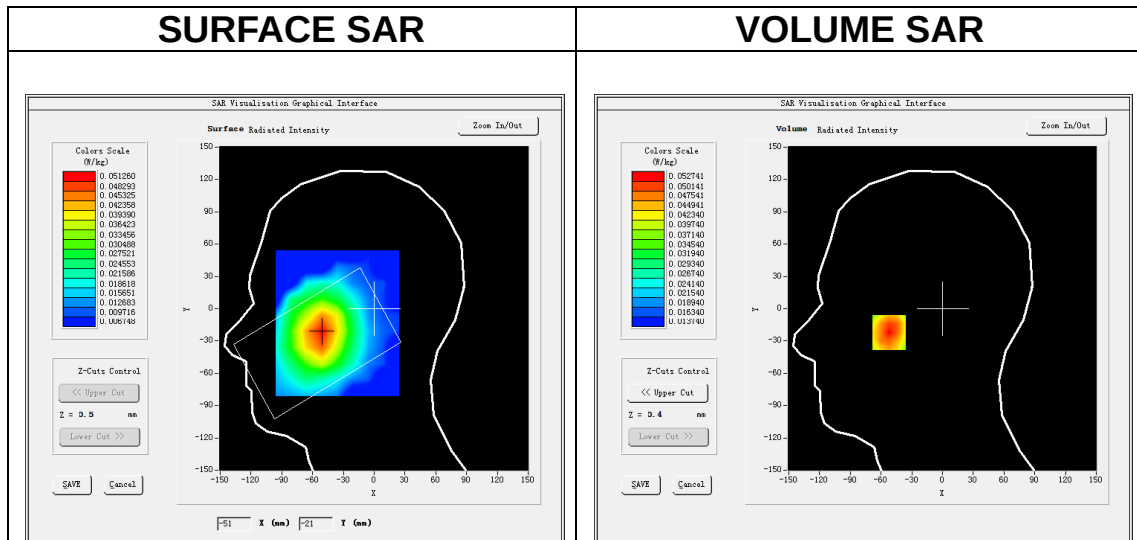
A. Experimental conditions.

<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

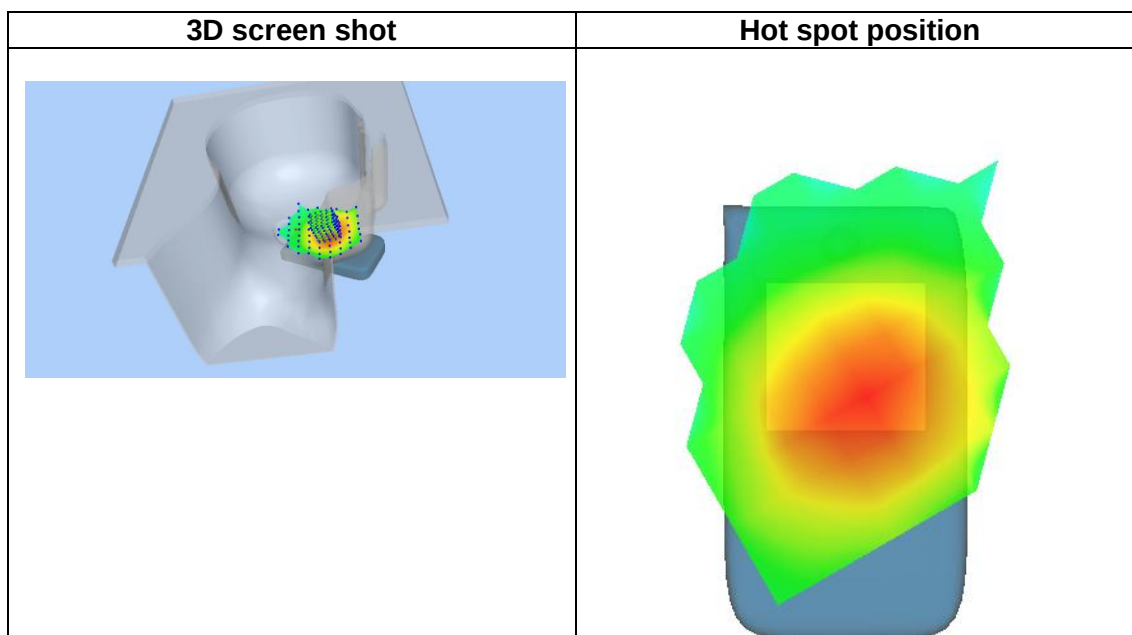
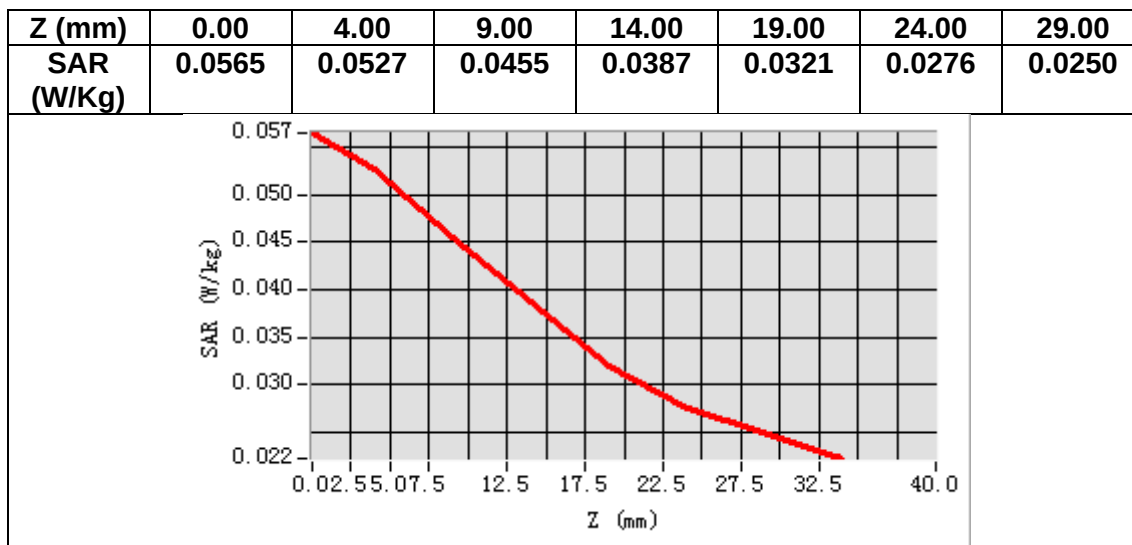
SURFACE SAR



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

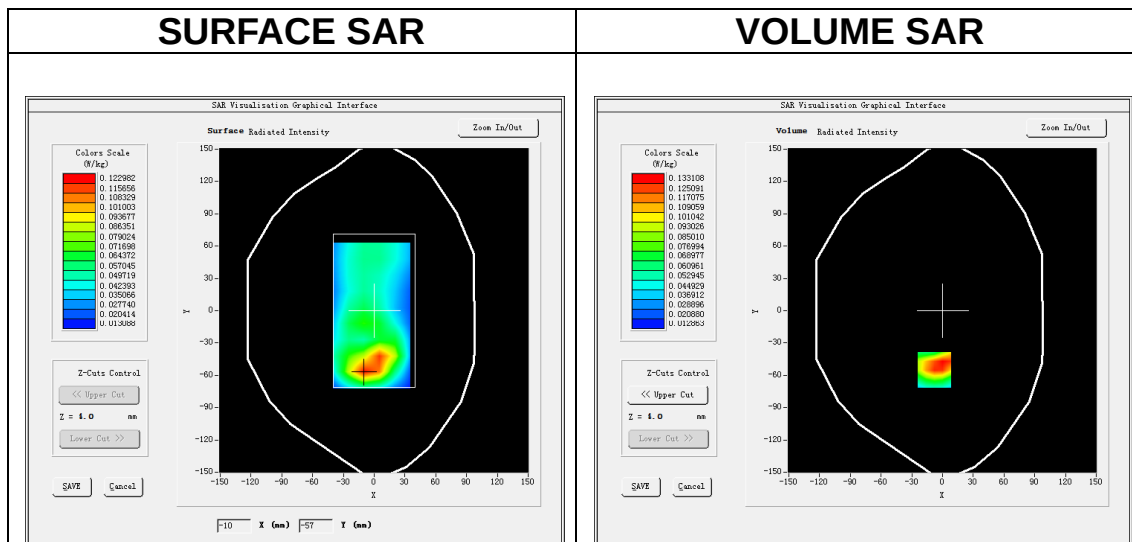
A. Experimental conditions.

<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

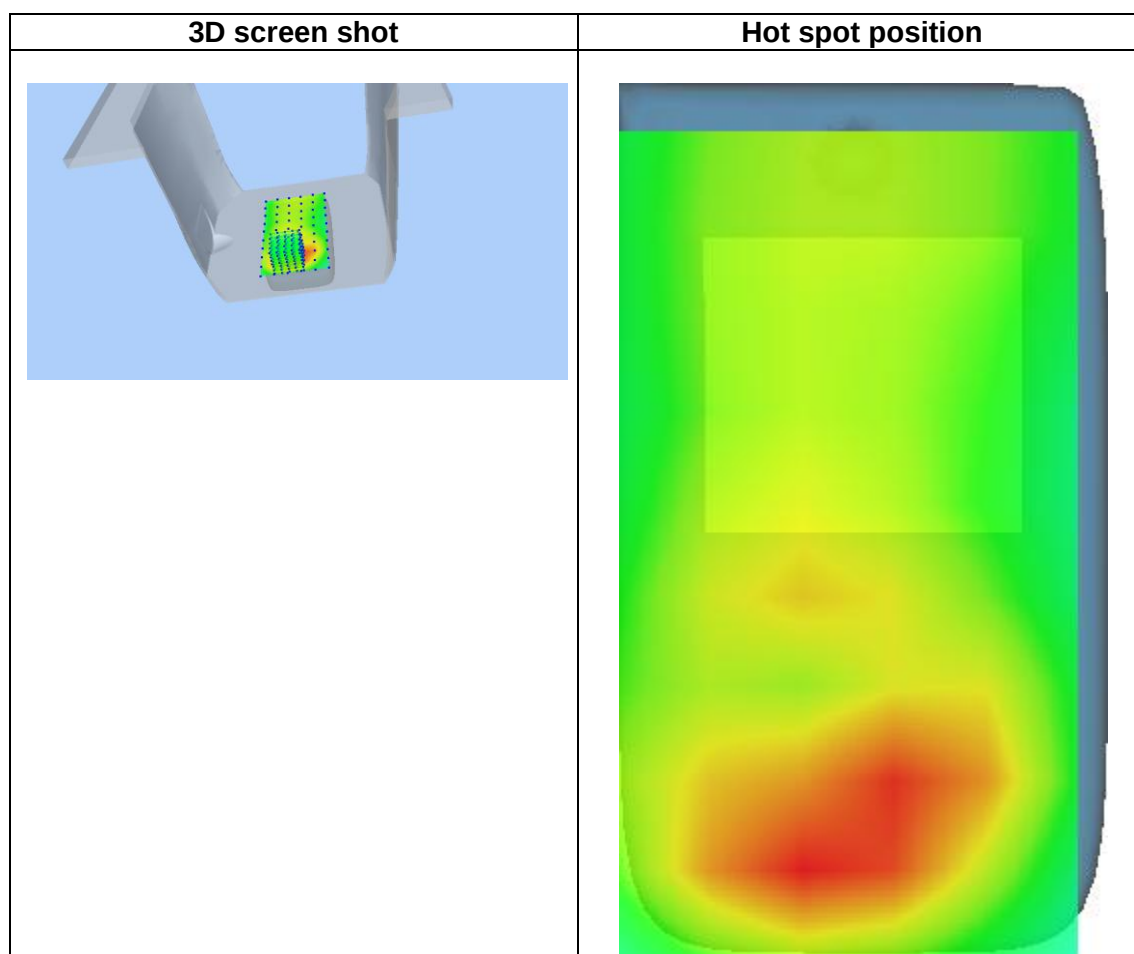
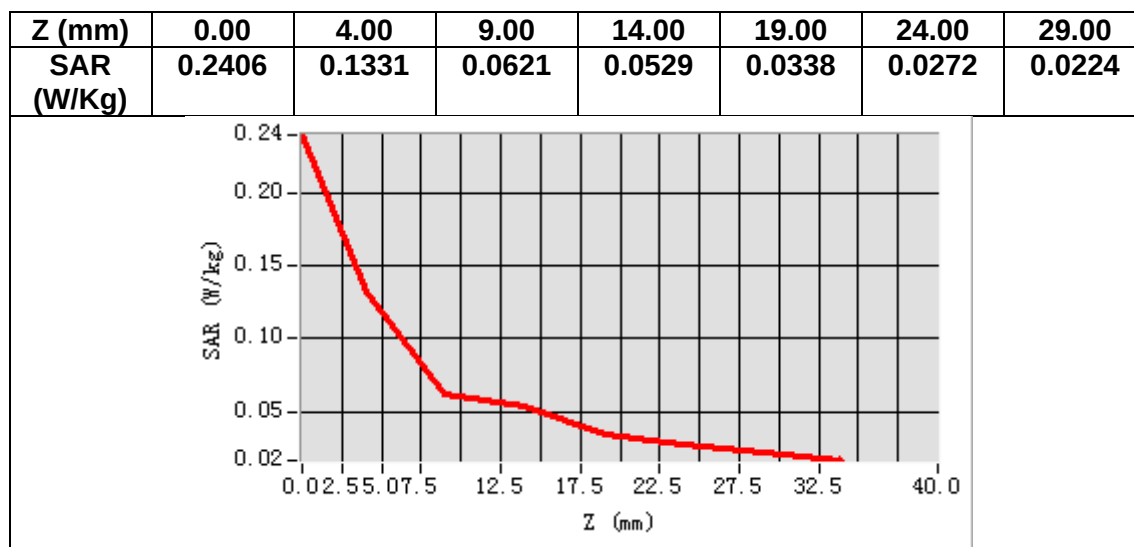
SURFACE SAR



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

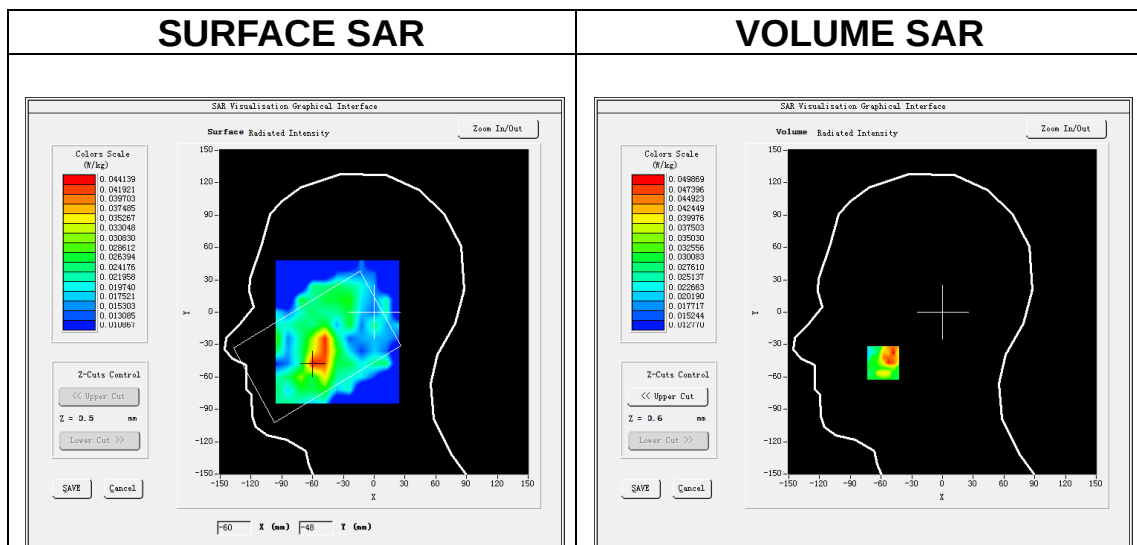
Date of measurement: 27/8/2024

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

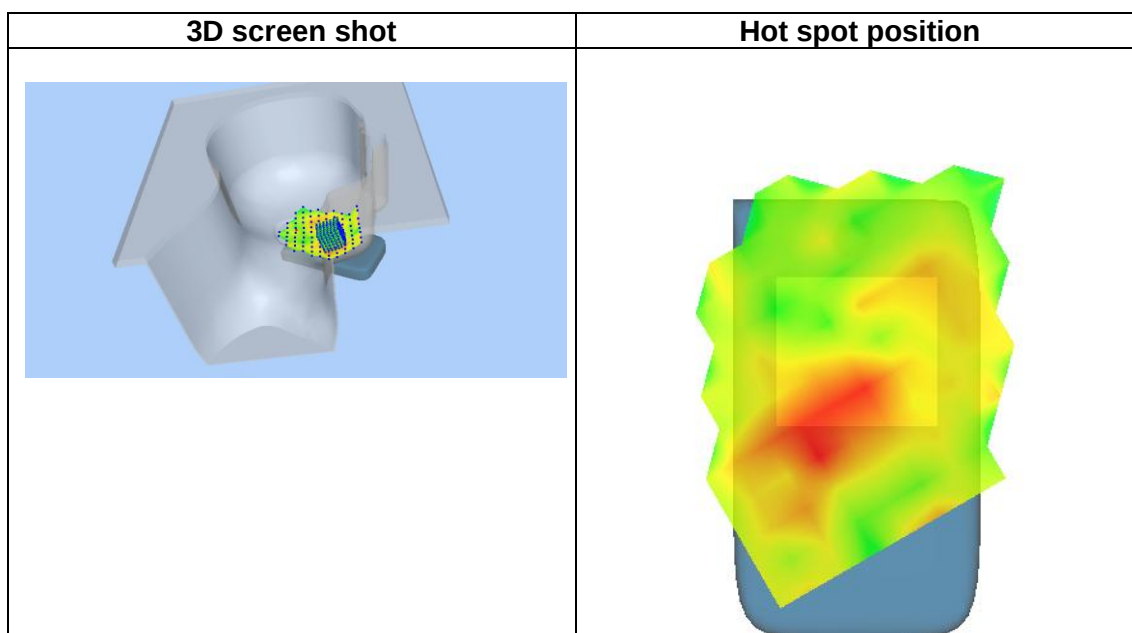
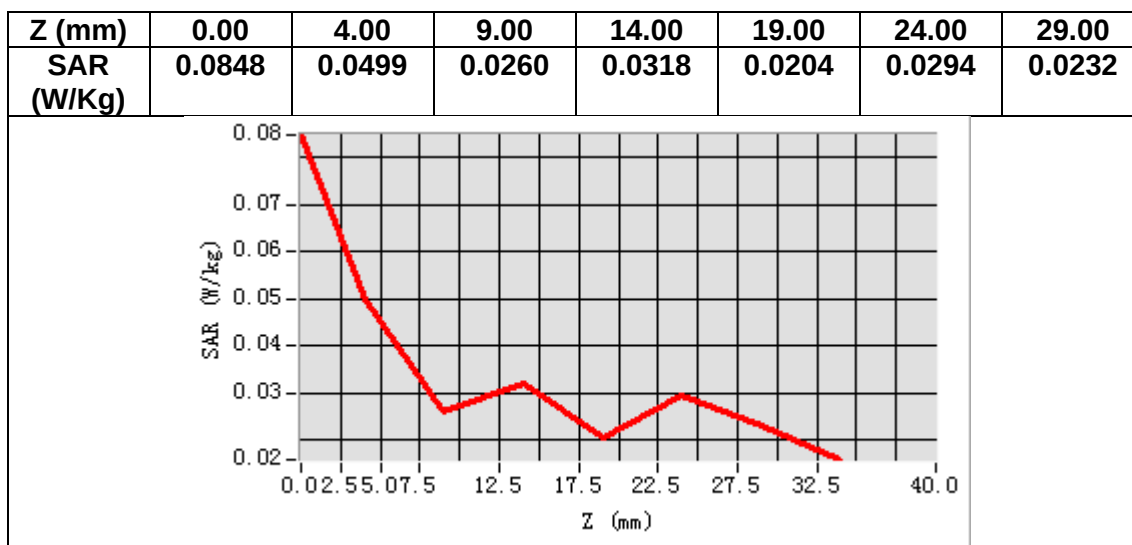
Frequency (MHz)	2593.000000
Relative permittivity (real part)	39.078884
Relative permittivity (imaginary part)	13.531177
Conductivity (S/m)	2.009241
Variation (%)	-1.020000



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

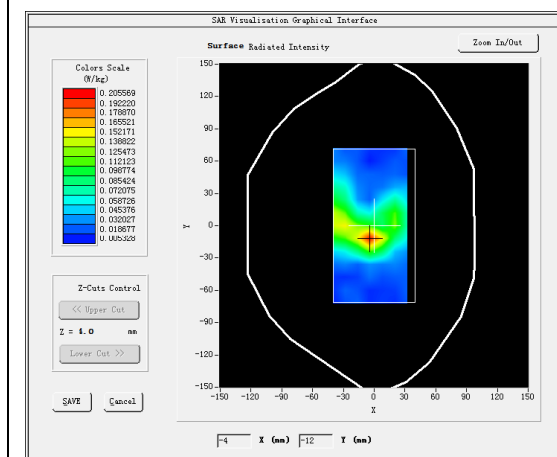
A. Experimental conditions.

<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>

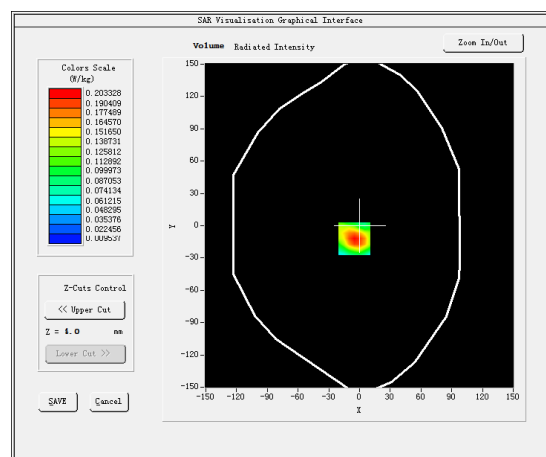
B. SAR Measurement Results

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



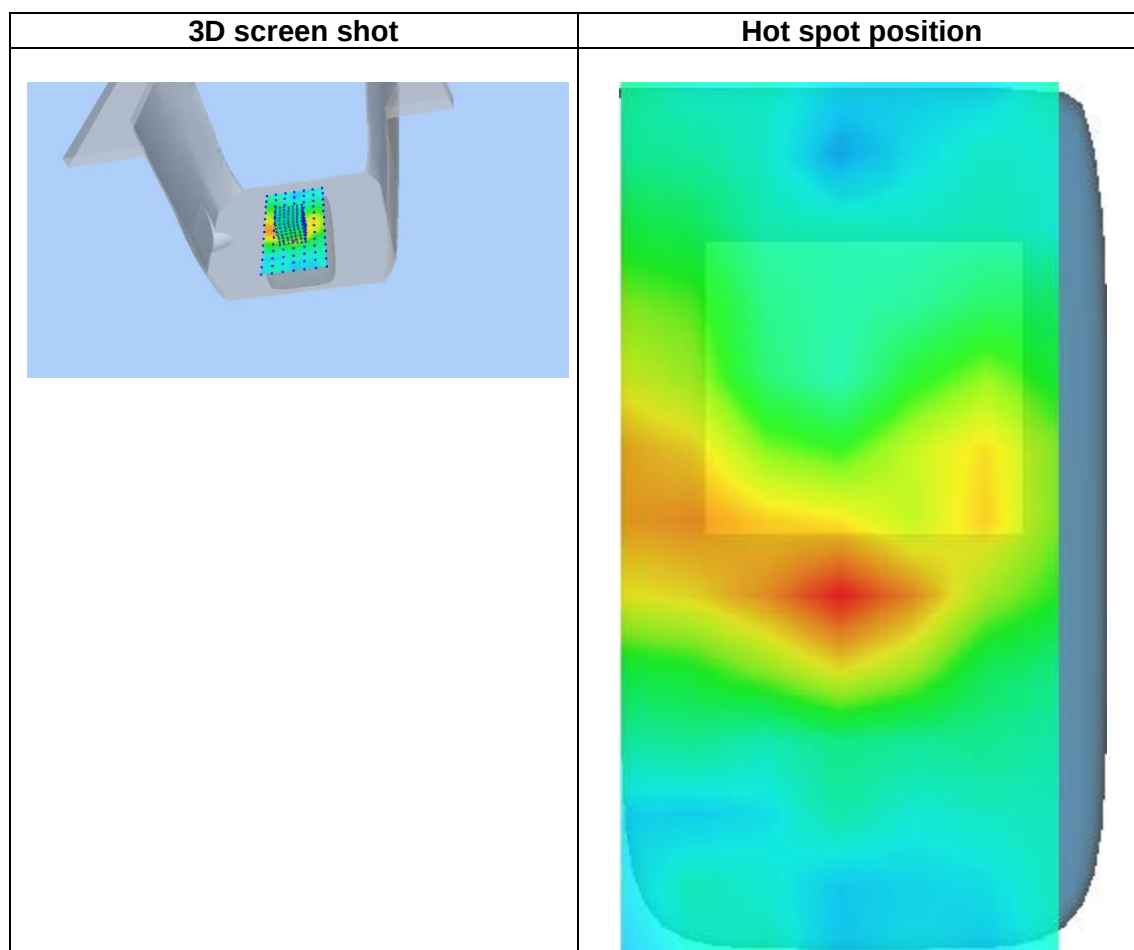
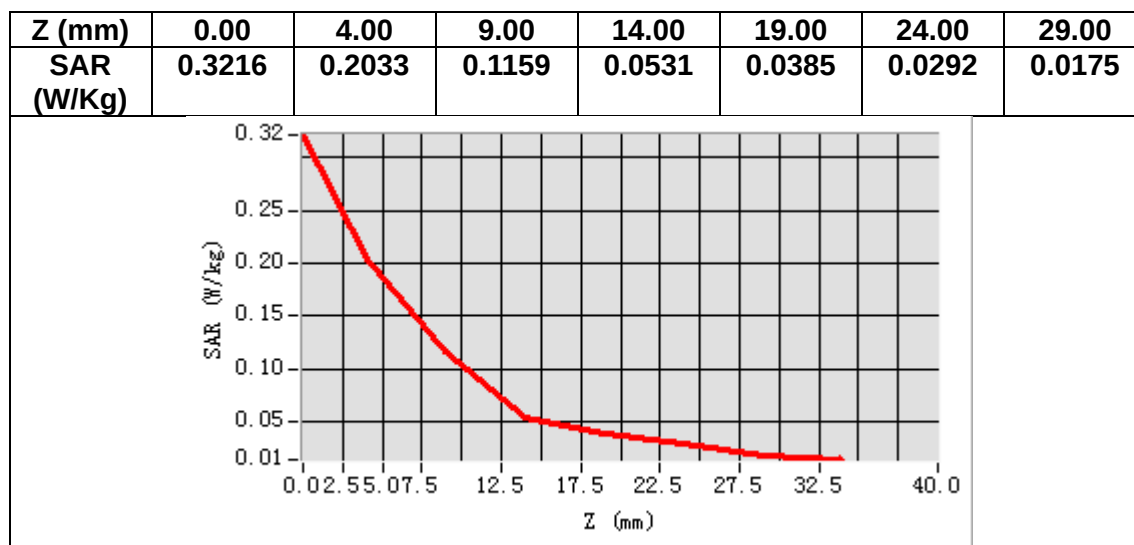
VOLUME SAR



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

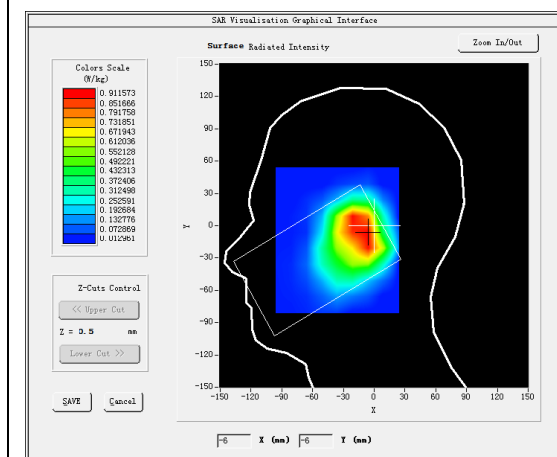
A. Experimental conditions.

<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>

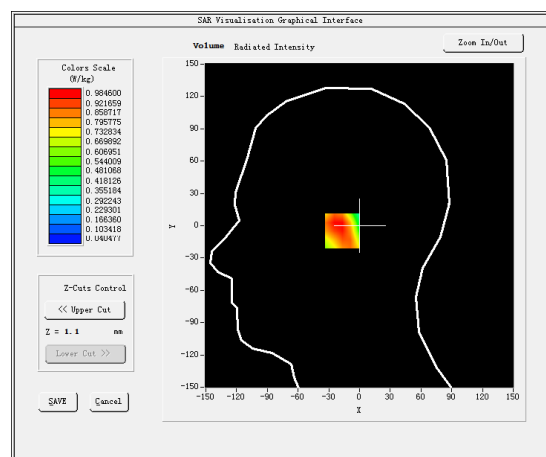
B. SAR Measurement Results

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



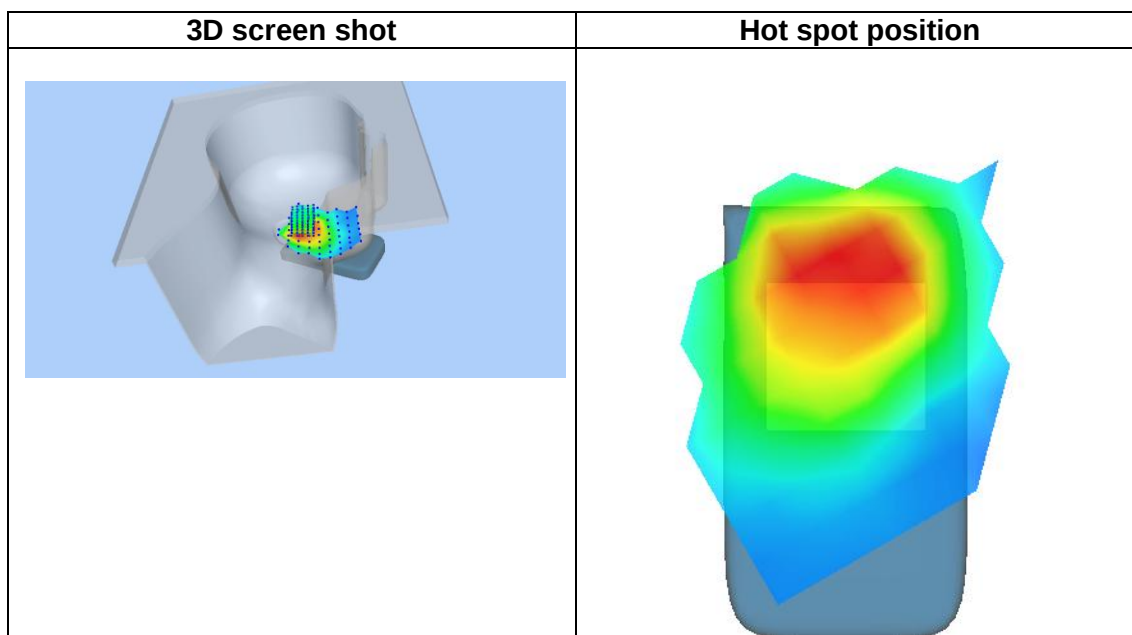
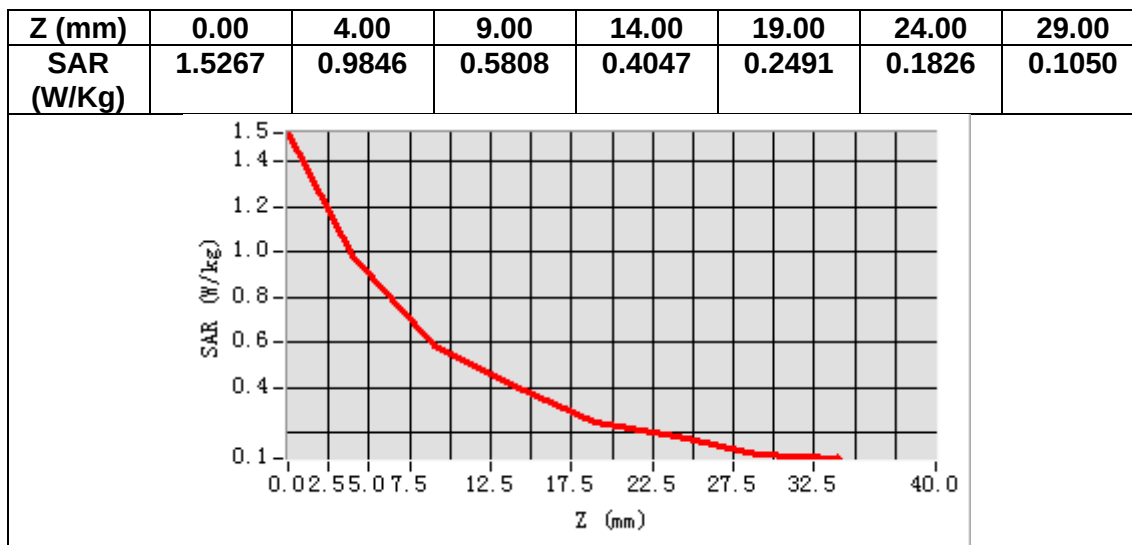
VOLUME SAR



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

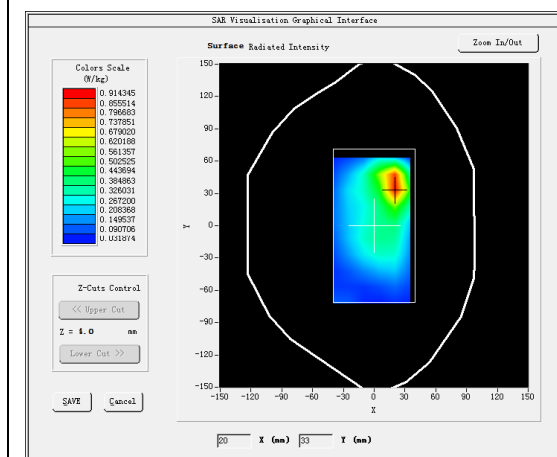
A. Experimental conditions.

<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>

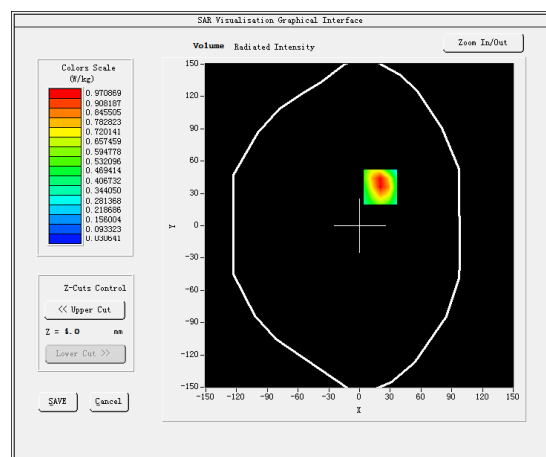
B. SAR Measurement Results

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



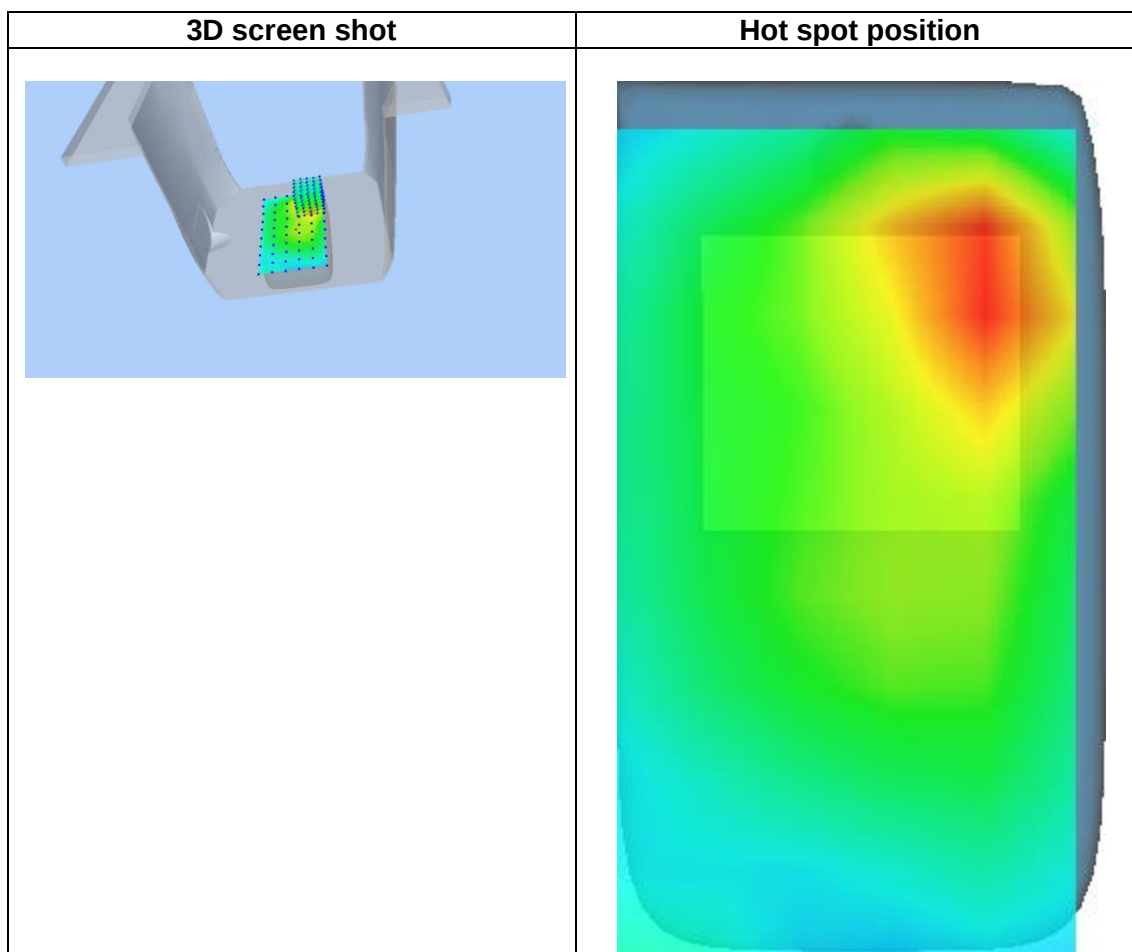
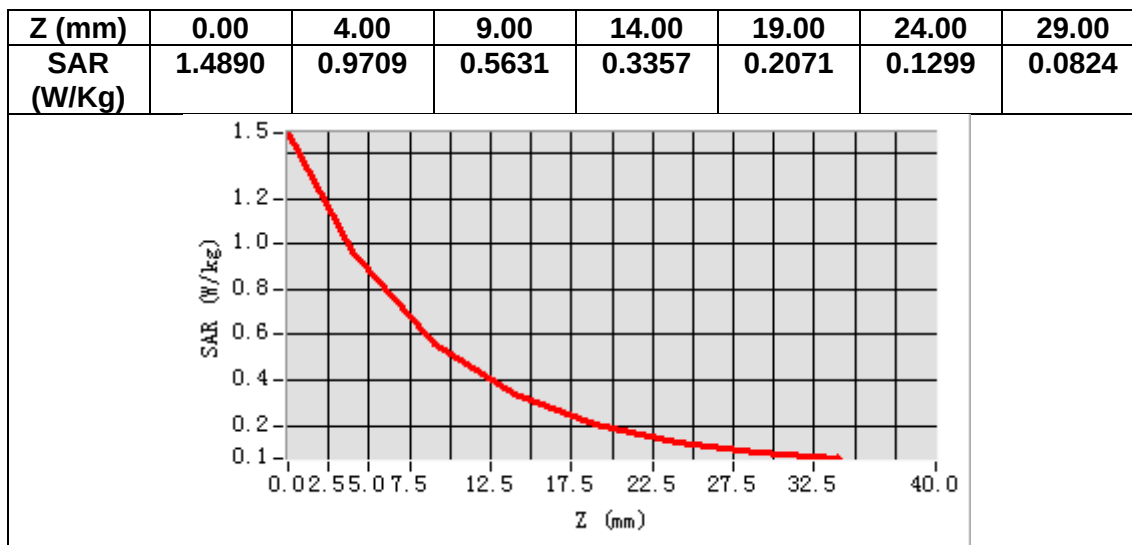
VOLUME SAR



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