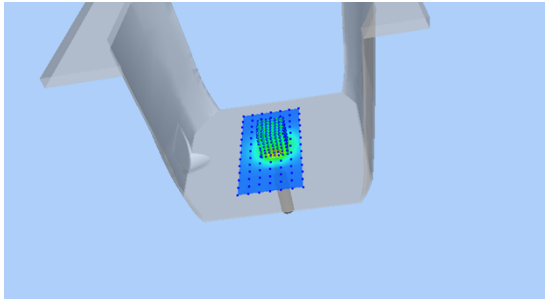
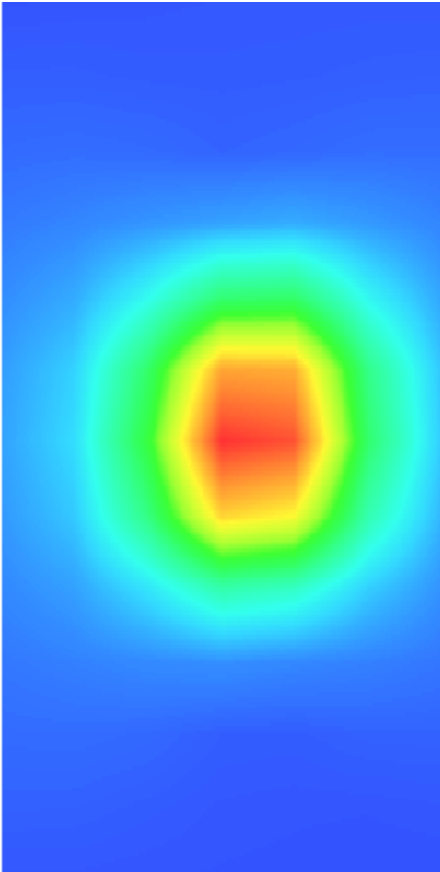


3D screen shot	Hot spot position
	

MEASUREMENT 2

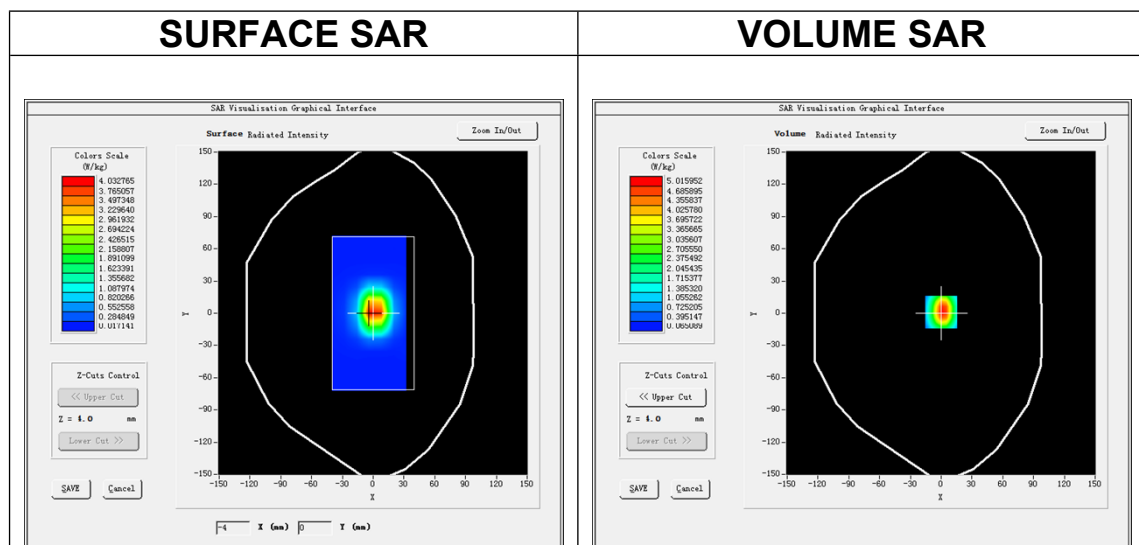
Date of measurement: 3/12/2024

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>CW5200</u>
Channels	<u>Middle</u>
Signal	<u>CW (Crest factor: 1.0)</u>
ConvF	<u>2.30</u>

B. SAR Measurement Results

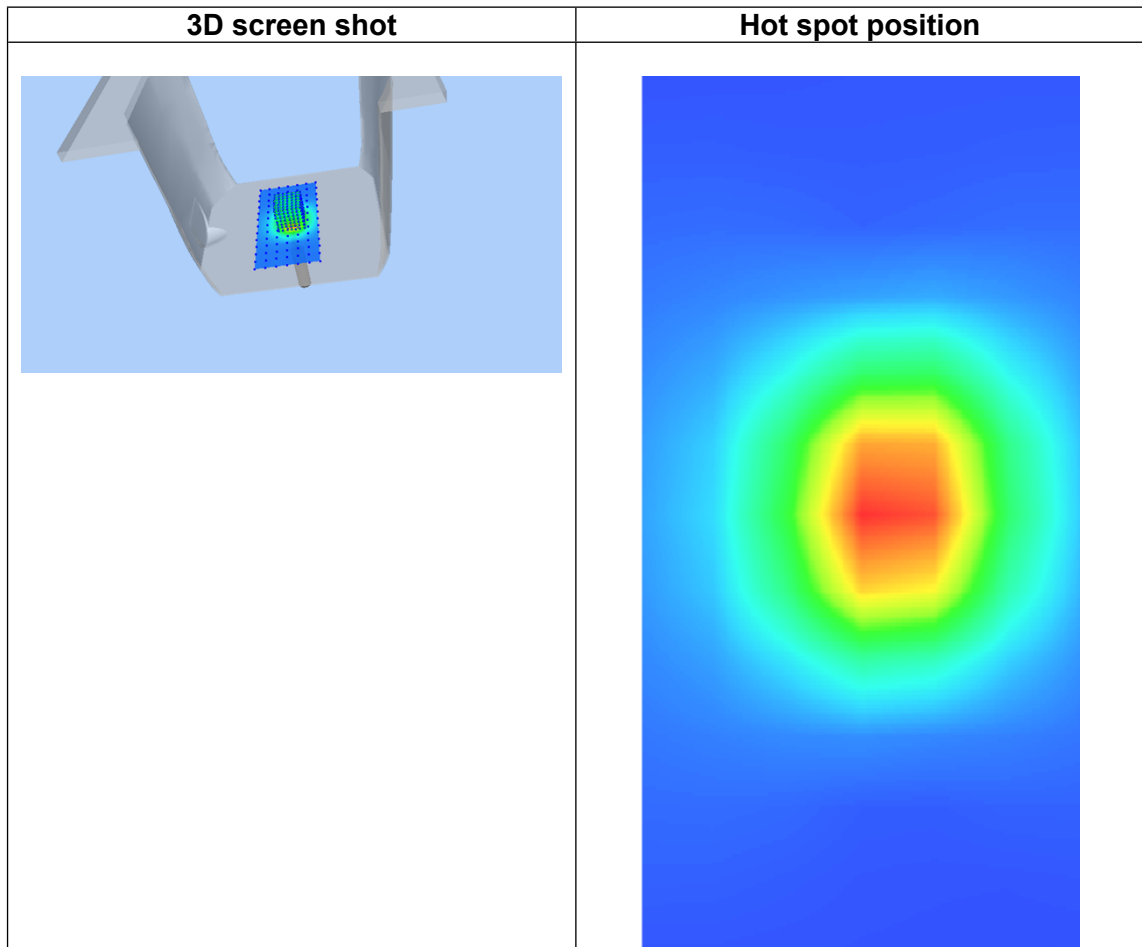
Frequency (MHz)	5200.000000
Relative permittivity (real part)	37.400000
Relative permittivity (imaginary part)	16.129978
Conductivity (S/m)	4.659771
Variation (%)	2.010000



Maximum location: X=0.00, Y=1.00

SAR Peak: 15.14 W/kg

SAR 10g (W/Kg)	5.210452
SAR 1g (W/Kg)	14.707810



MEASUREMENT 3

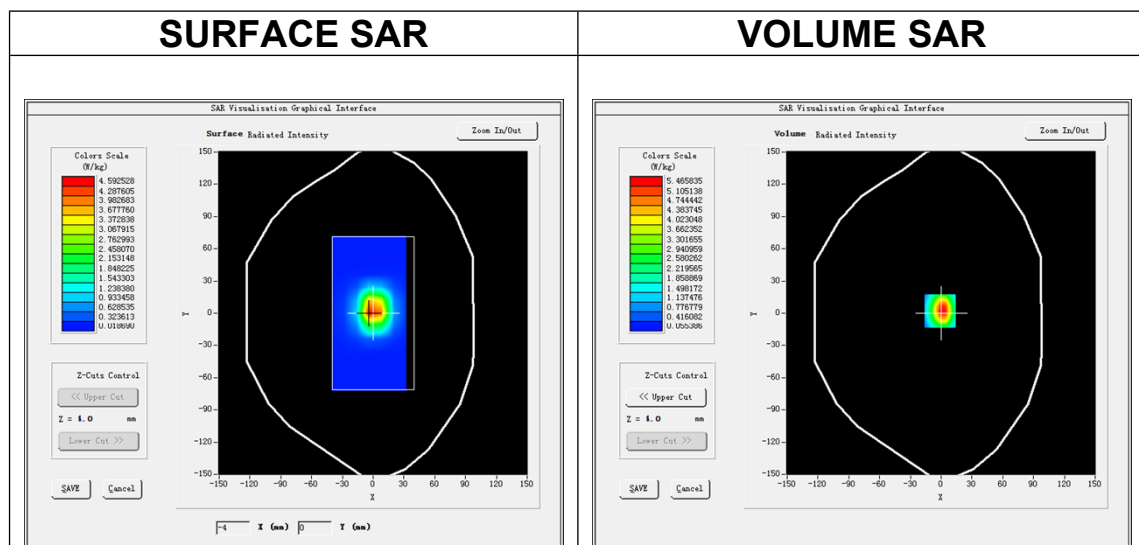
Date of measurement: 4/12/2024

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>CW5400</u>
Channels	<u>Middle</u>
Signal	<u>CW (Crest factor: 1.0)</u>
ConvF	<u>2.30</u>

B. SAR Measurement Results

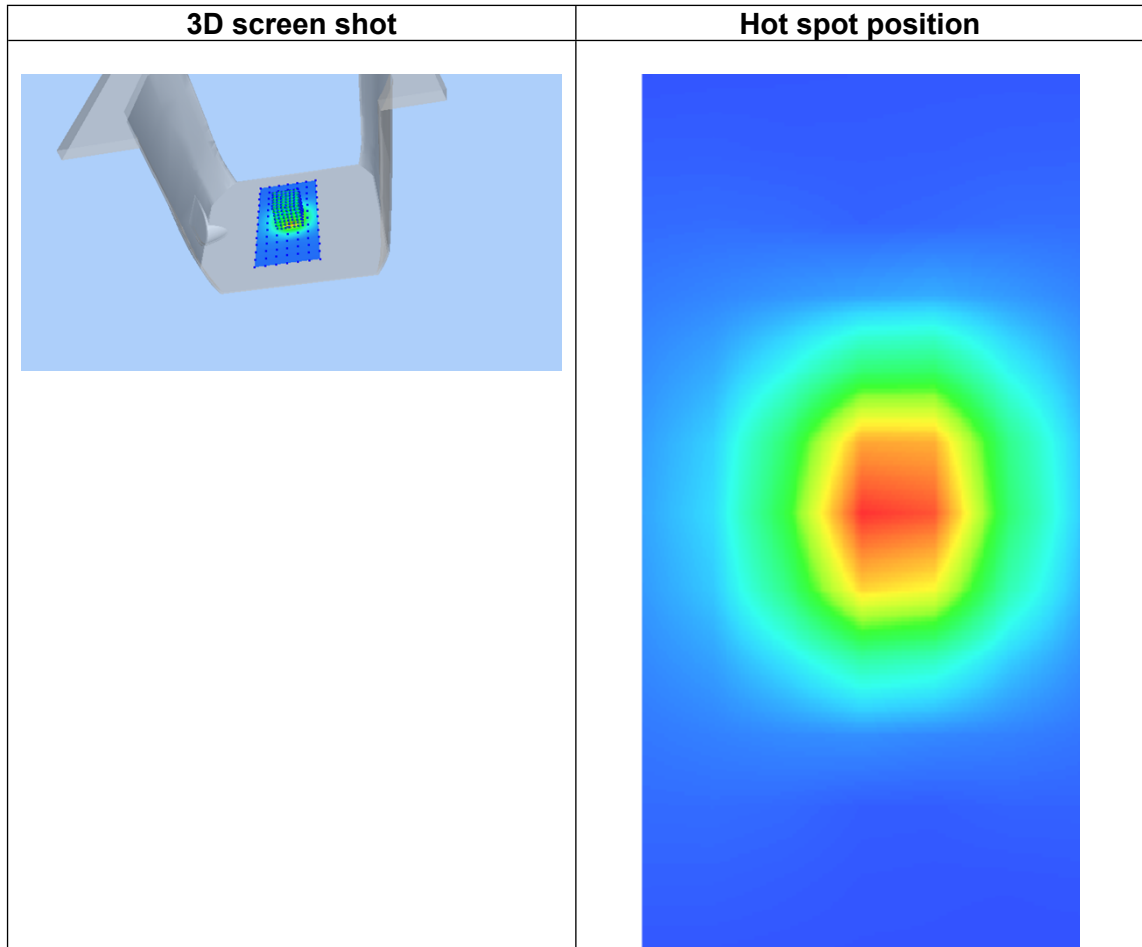
Frequency (MHz)	5400.000000
Relative permittivity (real part)	35.102351
Relative permittivity (imaginary part)	16.341203
Conductivity (S/m)	4.701556
Variation (%)	-2.480000



Maximum location: X=-1.00, Y=2.00

SAR Peak: 17.05 W/kg

SAR 10g (W/Kg)	5.532101
SAR 1g (W/Kg)	14.820035



MEASUREMENT 4

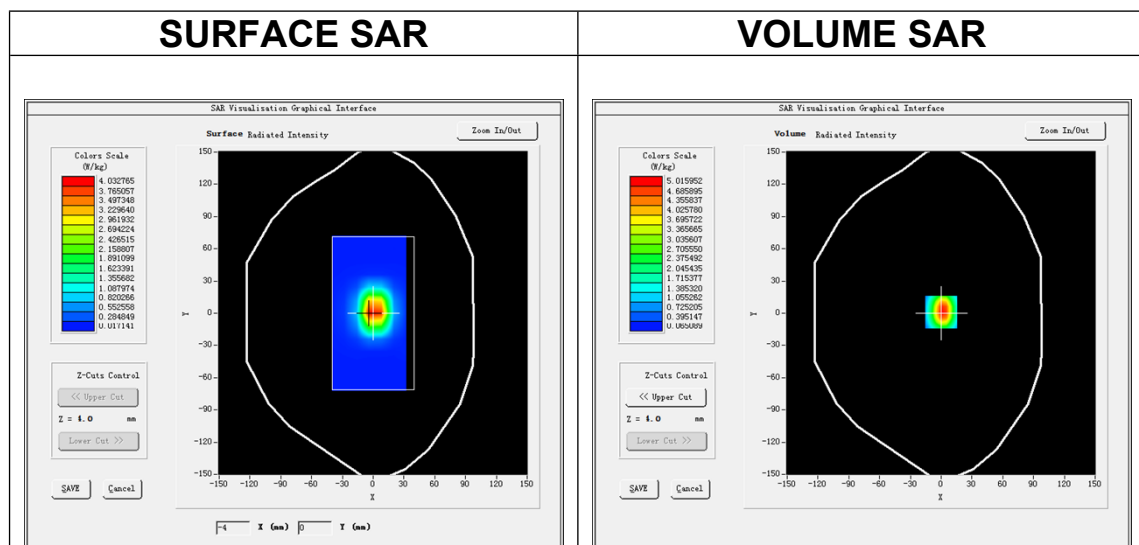
Date of measurement: 5/12/2024

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>CW5600</u>
Channels	<u>Middle</u>
Signal	<u>CW (Crest factor: 1.0)</u>
ConvF	<u>2.29</u>

B. SAR Measurement Results

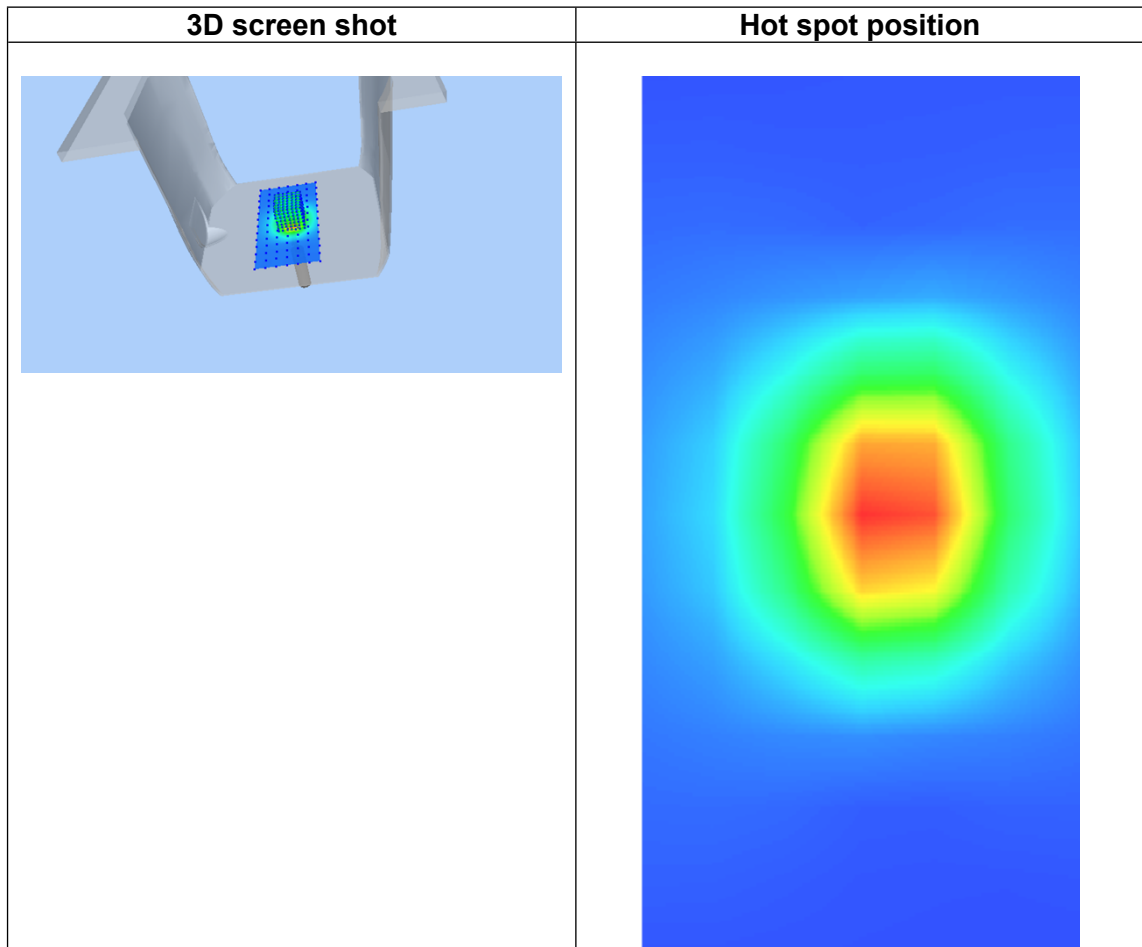
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	-4.570000



Maximum location: X=0.00, Y=1.00

SAR Peak: 15.13 W/kg

SAR 10g (W/Kg)	5.602361
SAR 1g (W/Kg)	16.421103



MEASUREMENT 5

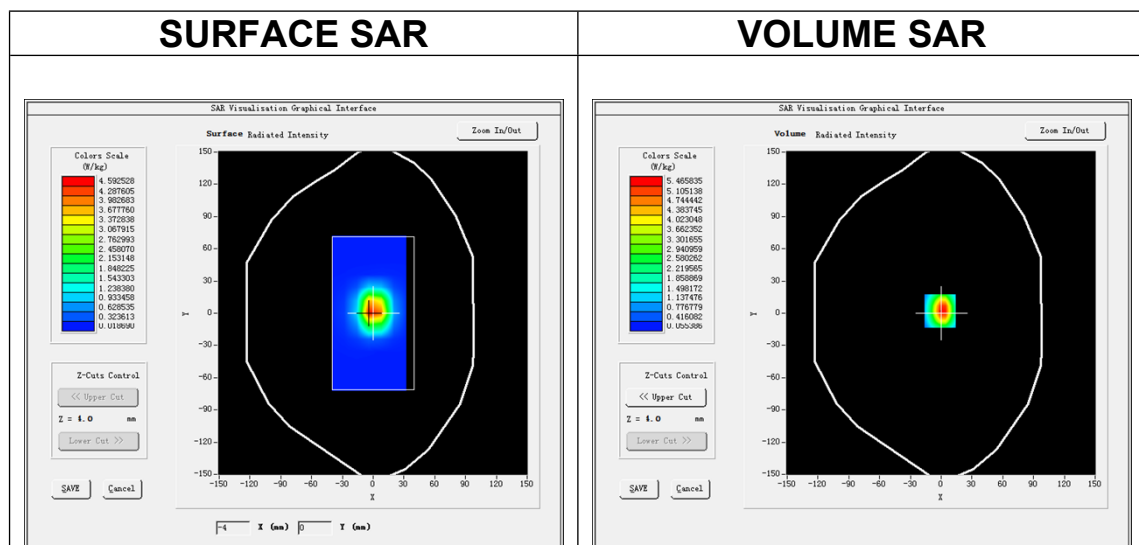
Date of measurement: 6/12/2024

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>2.27</u>

B. SAR Measurement Results

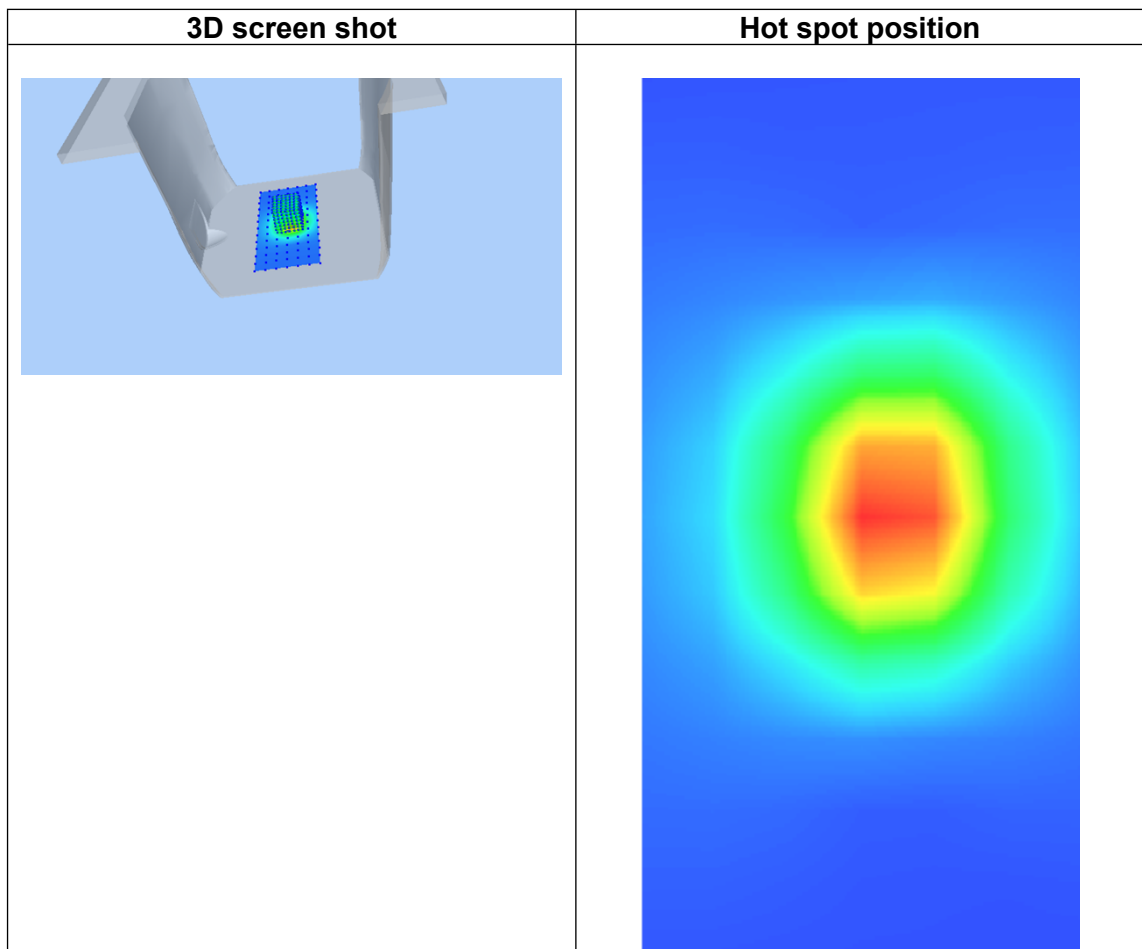
Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.299999
Relative permittivity (imaginary part)	16.360001
Conductivity (S/m)	5.271556
Variation (%)	-2.480000



Maximum location: X=-1.00, Y=2.00

SAR Peak: 17.07 W/kg

SAR 10g (W/Kg)	5.623106
SAR 1g (W/Kg)	16.421035



Appendix C. SAR Test Plots

Table of contents
MEASUREMENT 1 WLAN 5.2G Body ANT2
MEASUREMENT 2 WLAN 5.2G Body MIMO
MEASUREMENT 3 WLAN 5.2G Body ANT1
MEASUREMENT 4 WLAN 5.3G Body ANT2
MEASUREMENT 5 WLAN 5.3G Body MIMO
MEASUREMENT 6 WLAN 5.3G Body ANT1
MEASUREMENT 7 WLAN 5.6G Body ANT2
MEASUREMENT 8 WLAN 5.6G Body MIMO
MEASUREMENT 9 WLAN 5.6G Body ANT1
MEASUREMENT 10 WLAN 5.8G Body ANT2
MEASUREMENT 11 WLAN 5.8G Body MIMO
MEASUREMENT 12 WLAN 5.8G Body ANT1
MEASUREMENT 13 WLAN 2.4G Body ANT2
MEASUREMENT 14 WLAN 2.4G Body MIMO
MEASUREMENT 15 WLAN 2.4G Body ANT1

MEASUREMENT 1

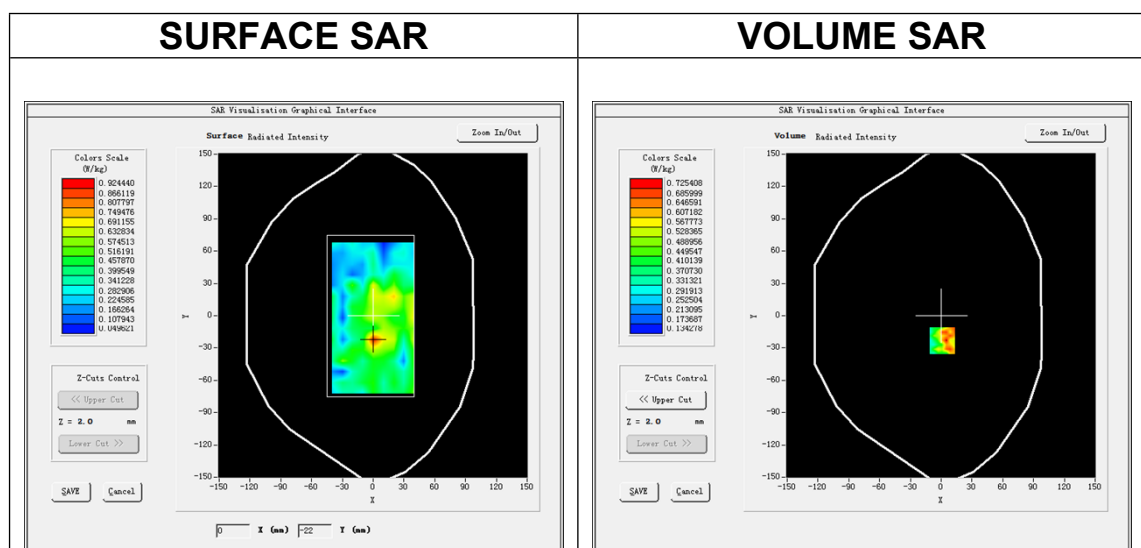
Date of measurement: 3/12/2024

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>Body</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>High</u>
Signal	<u>IEEE802.a (Crest factor: 1.0)</u>
ConvF	<u>2.30</u>

B. SAR Measurement Results

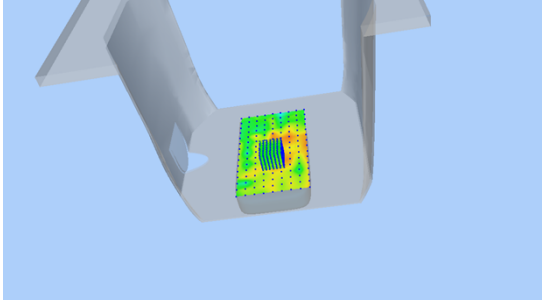
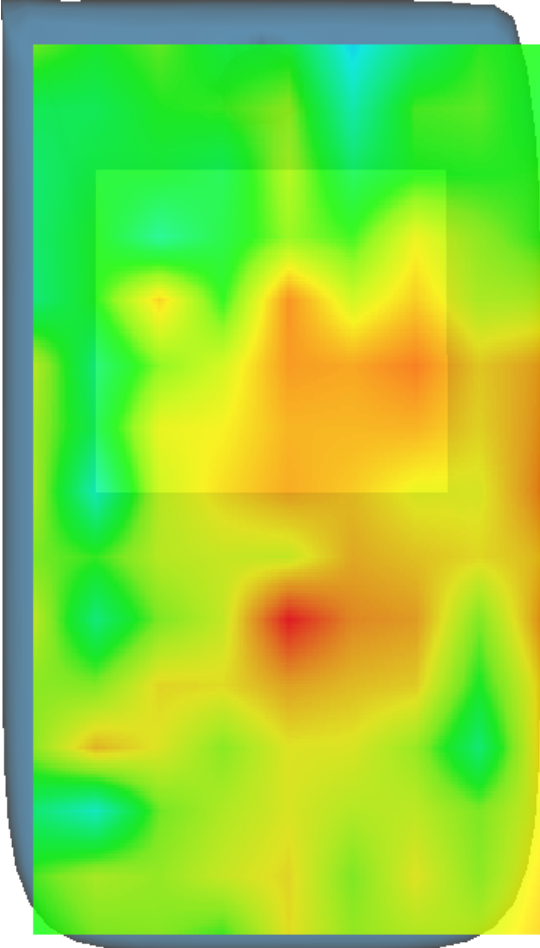
Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.120000
Relative permittivity (imaginary part)	16.129995
Conductivity (S/m)	4.695621
Variation (%)	-0.430000



Maximum location: X=1.00, Y=-23.00

SAR Peak: 1.06 W/kg

SAR 10g (W/Kg)	0.421402
SAR 1g (W/Kg)	0.555896

3D screen shot	Hot spot position
	

MEASUREMENT 2

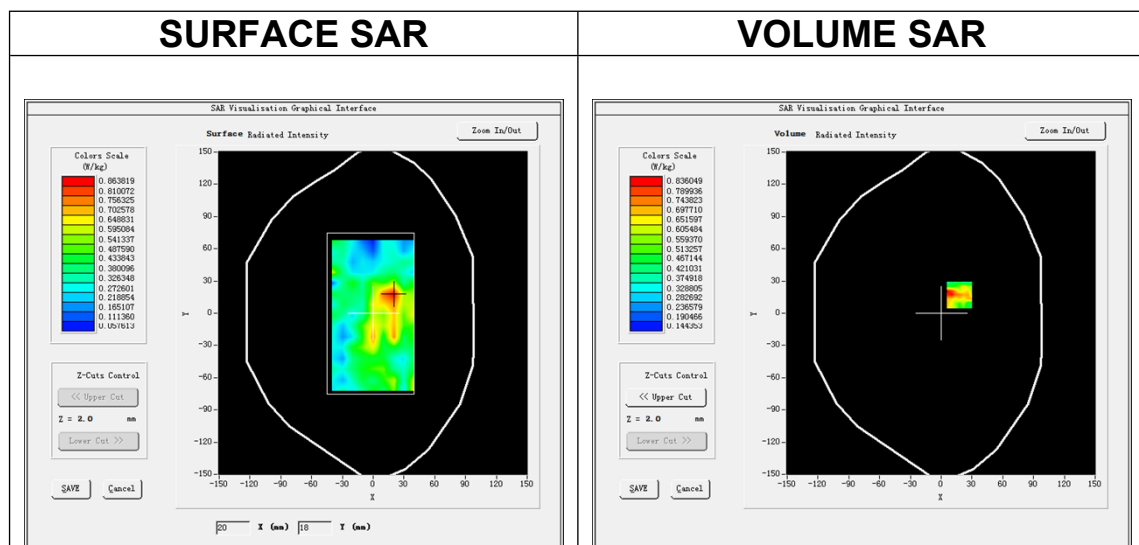
Date of measurement: 3/12/2024

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>Body</u>
Band	<u>IEEE 802.11ac U-NII</u>
Channels	<u>High</u>
Signal	<u>IEEE802.ac (Crest factor: 1.0)</u>
ConvF	<u>2.30</u>

B. SAR Measurement Results

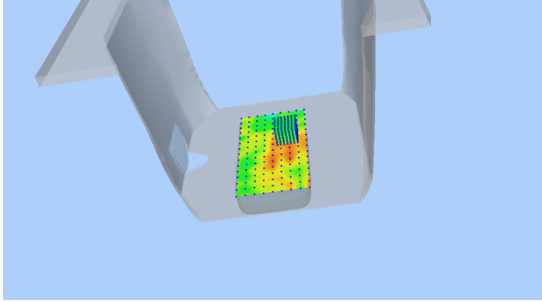
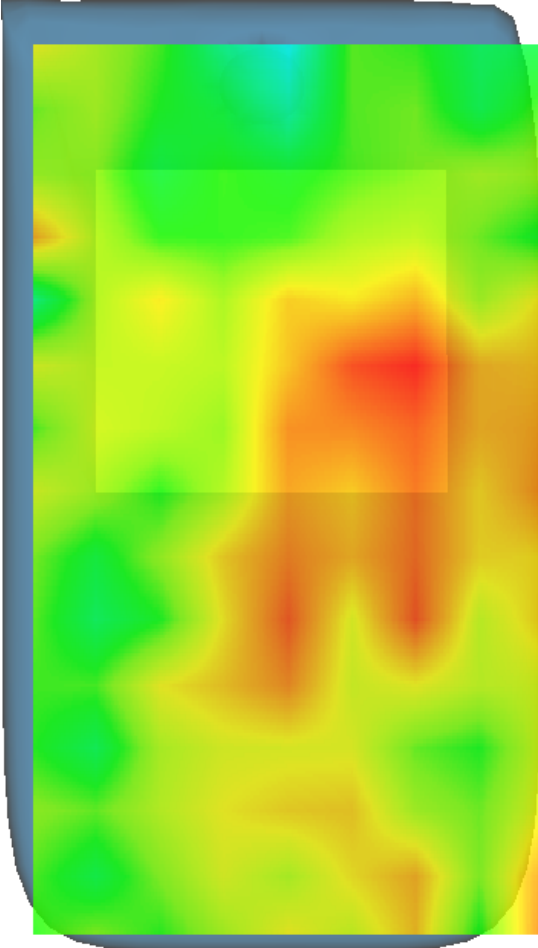
Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.120000
Relative permittivity (imaginary part)	16.129995
Conductivity (S/m)	4.695621
Variation (%)	-1.950000



Maximum location: X=18.00, Y=17.00

SAR Peak: 1.48 W/kg

SAR 10g (W/Kg)	0.445847
SAR 1g (W/Kg)	0.674570

3D screen shot	Hot spot position
	

MEASUREMENT 3

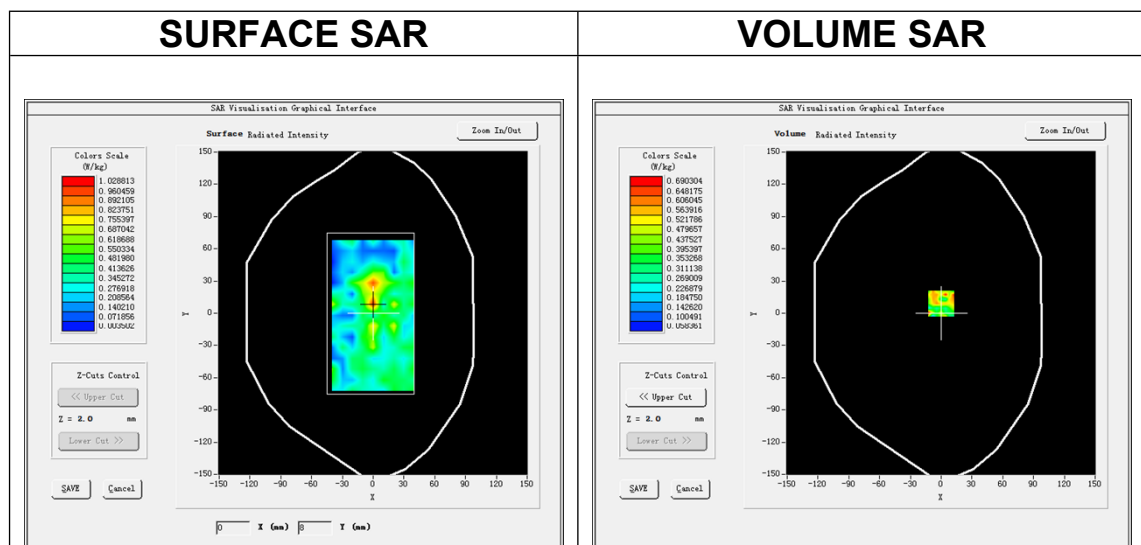
Date of measurement: 3/12/2024

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>Body</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>High</u>
Signal	<u>IEEE802.a (Crest factor: 1.0)</u>
ConvF	<u>2.30</u>

B. SAR Measurement Results

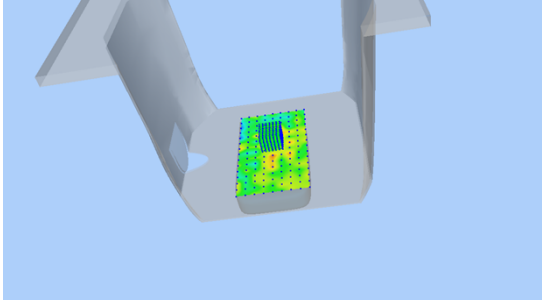
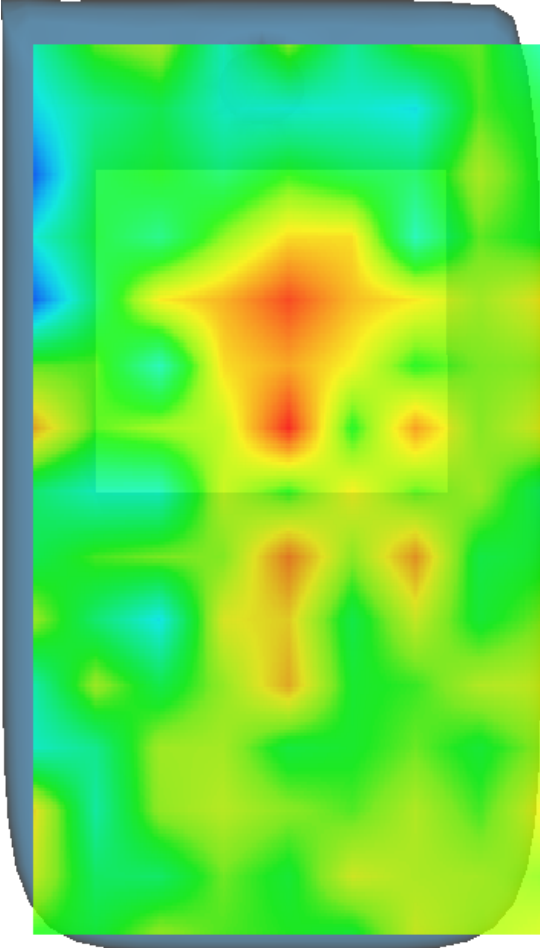
Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.120000
Relative permittivity (imaginary part)	16.129995
Conductivity (S/m)	4.695621
Variation (%)	1.360001



Maximum location: X=0.00, Y=9.00

SAR Peak: 1.30 W/kg

SAR 10g (W/Kg)	0.344198
SAR 1g (W/Kg)	0.471139

3D screen shot	Hot spot position
	

MEASUREMENT 4

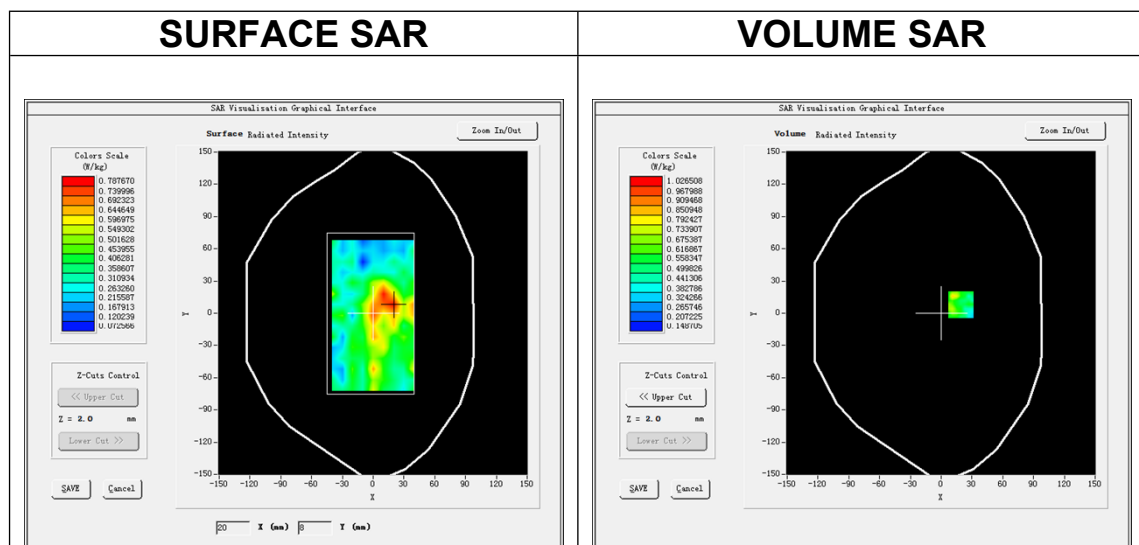
Date of measurement: 4/12/2024

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.a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.30</u>

B. SAR Measurement Results

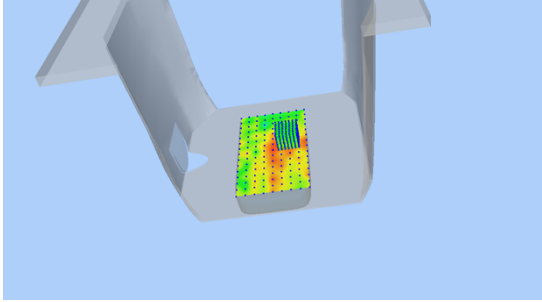
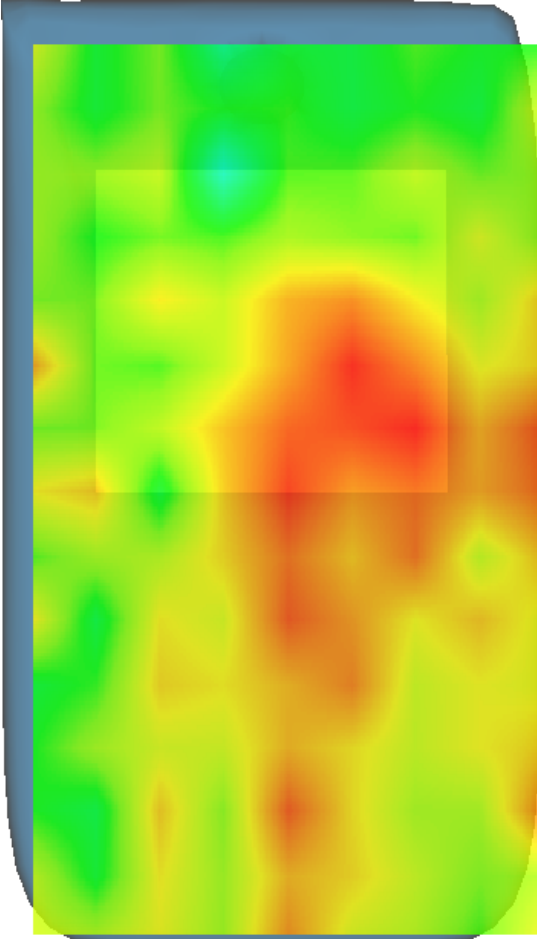
Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	-3.020000



Maximum location: X=19.00, Y=8.00

SAR Peak: 1.45 W/kg

SAR 10g (W/Kg)	0.438340
SAR 1g (W/Kg)	0.604597

3D screen shot	Hot spot position
	

MEASUREMENT 5

Date of measurement: 4/12/2024

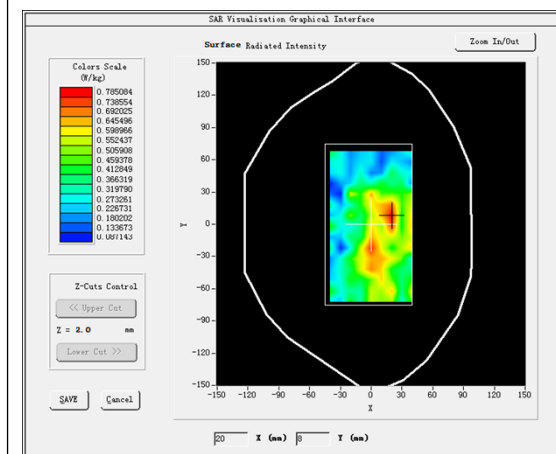
A. Experimental conditions.

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>Body</u>
Band	<u>IEEE 802.11ac U-NII</u>
Channels	<u>Middle</u>
Signal	<u>IEEE802.ac(Crest factor: 1.0)</u>
ConvF	<u>2.30</u>

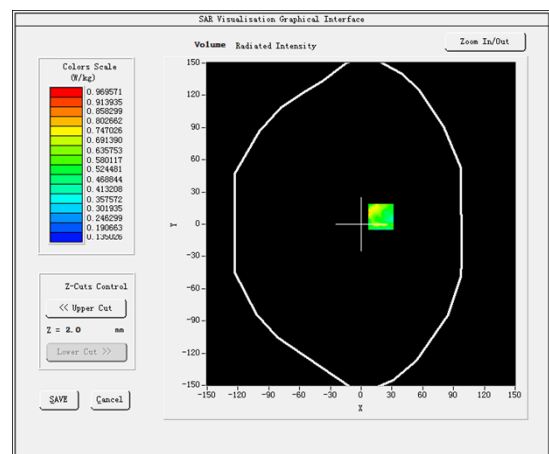
B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	2.170000

SURFACE SAR



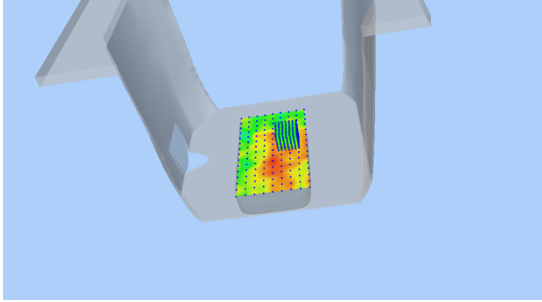
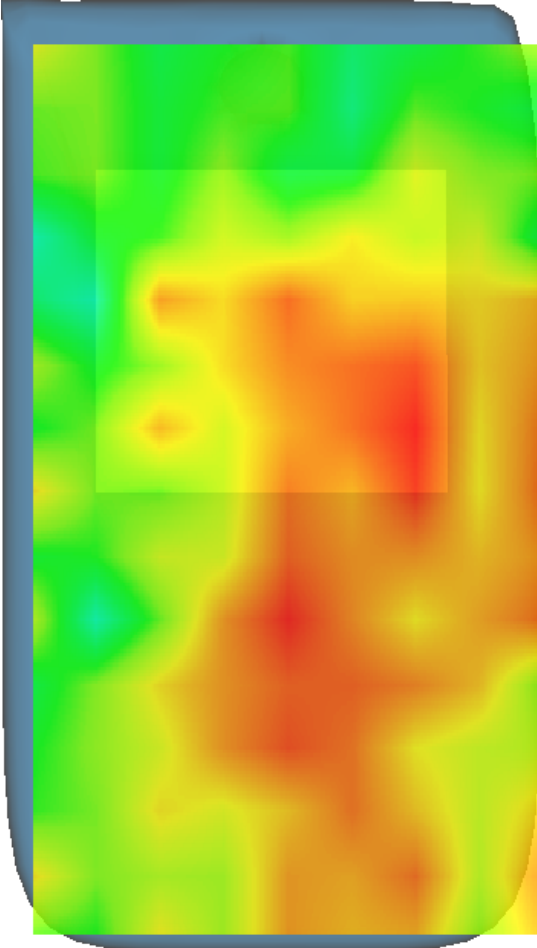
VOLUME SAR



Maximum location: X=19.00, Y=7.00

SAR Peak: 1.34 W/kg

SAR 10g (W/Kg)	0.439492
SAR 1g (W/Kg)	0.596695

3D screen shot	Hot spot position
	

MEASUREMENT 6

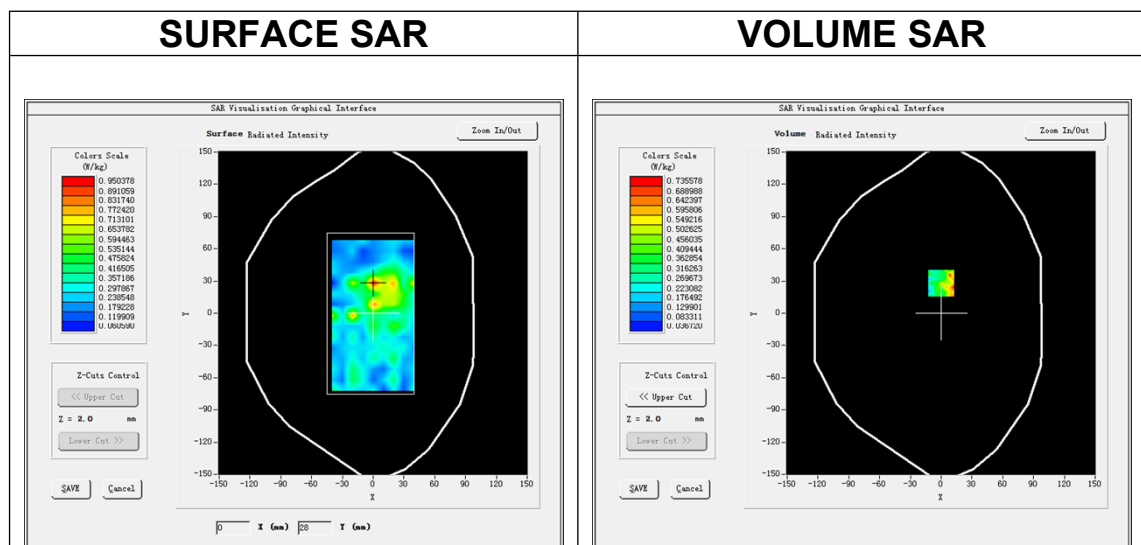
Date of measurement: 4/12/2024

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.a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.30</u>

B. SAR Measurement Results

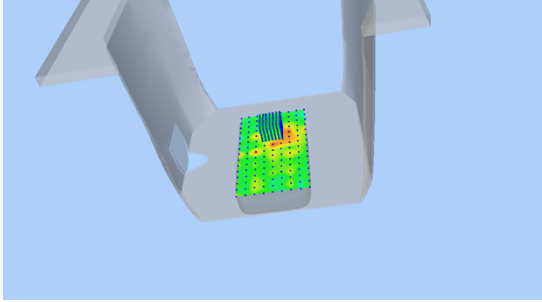
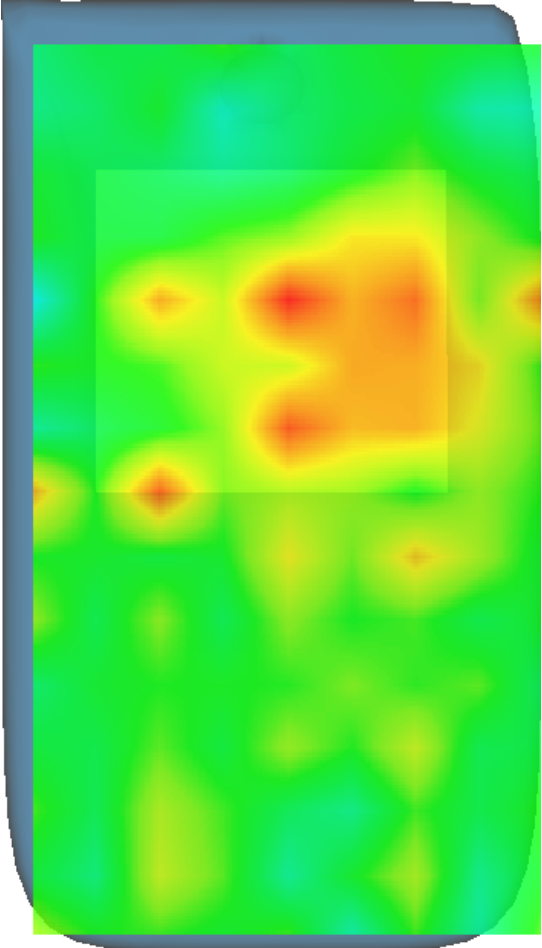
Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	0.350000



Maximum location: X=0.00, Y=28.00

SAR Peak: 1.28 W/kg

SAR 10g (W/Kg)	0.363880
SAR 1g (W/Kg)	0.525907

3D screen shot	Hot spot position
	

MEASUREMENT 7

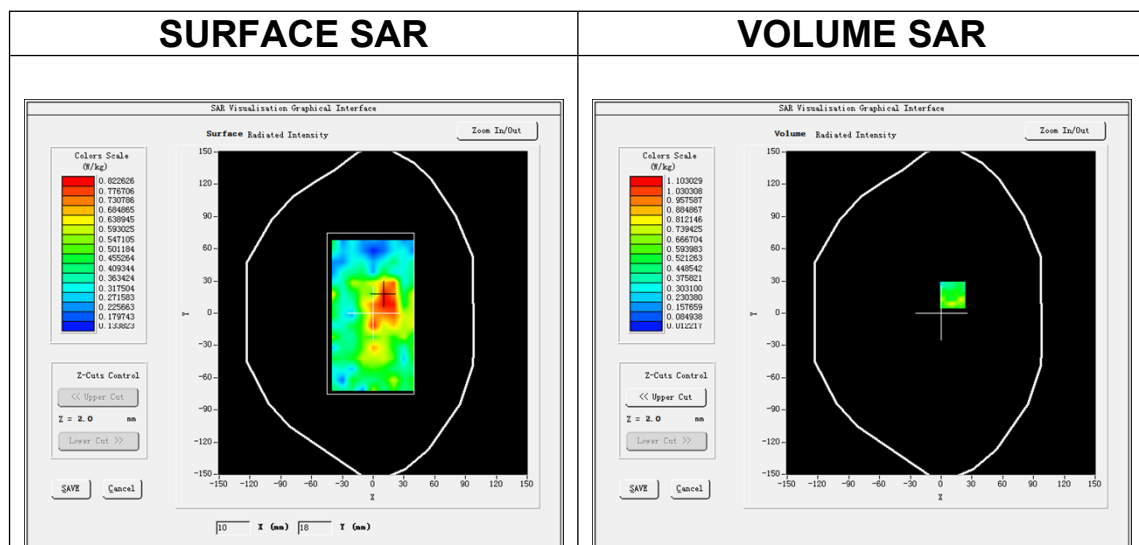
Date of measurement: 5/12/2024

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.a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.29</u>

B. SAR Measurement Results

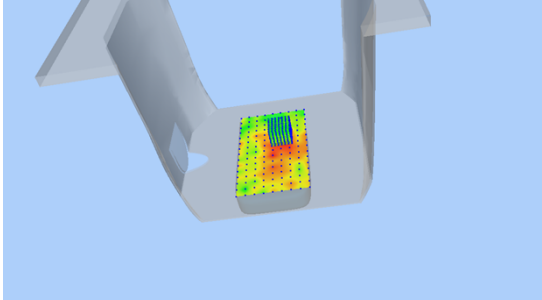
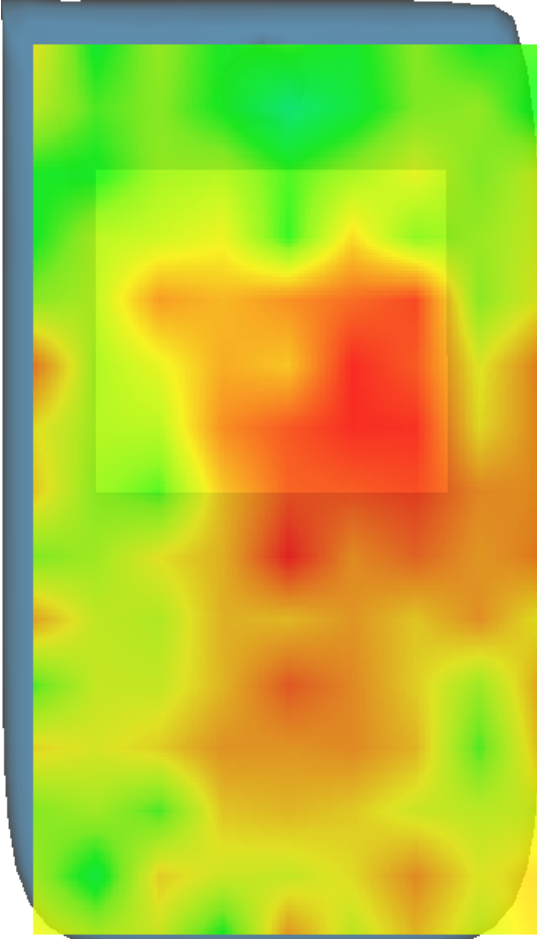
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	-1.330000



Maximum location: X=11.00, Y=17.00

SAR Peak: 1.72 W/kg

SAR 10g (W/Kg)	0.454467
SAR 1g (W/Kg)	0.587607

3D screen shot	Hot spot position
	

MEASUREMENT 8

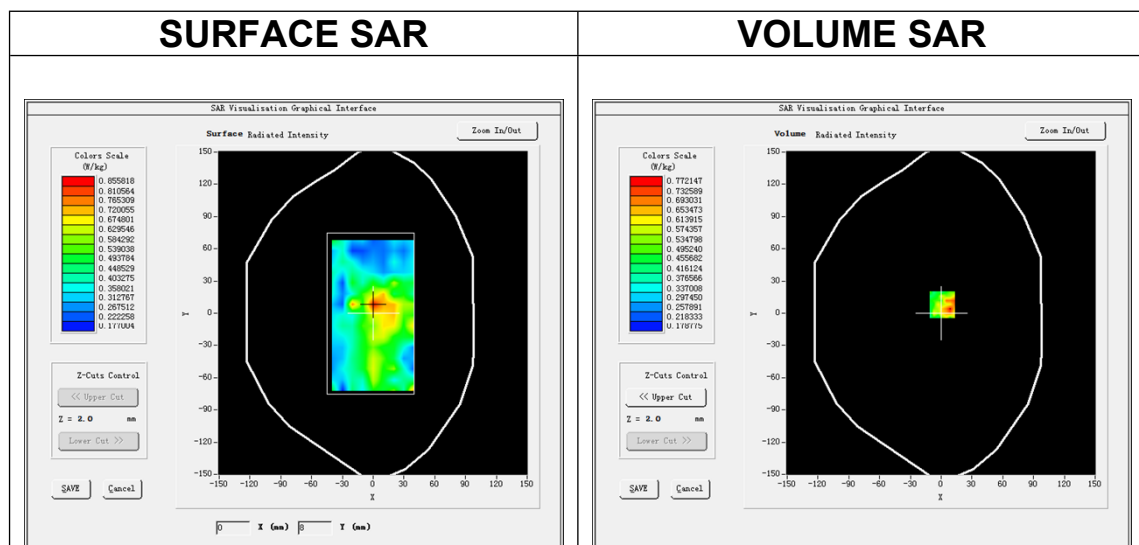
Date of measurement: 5/12/2024

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 802.11ac U-NII</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.ac (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.29</u>

B. SAR Measurement Results

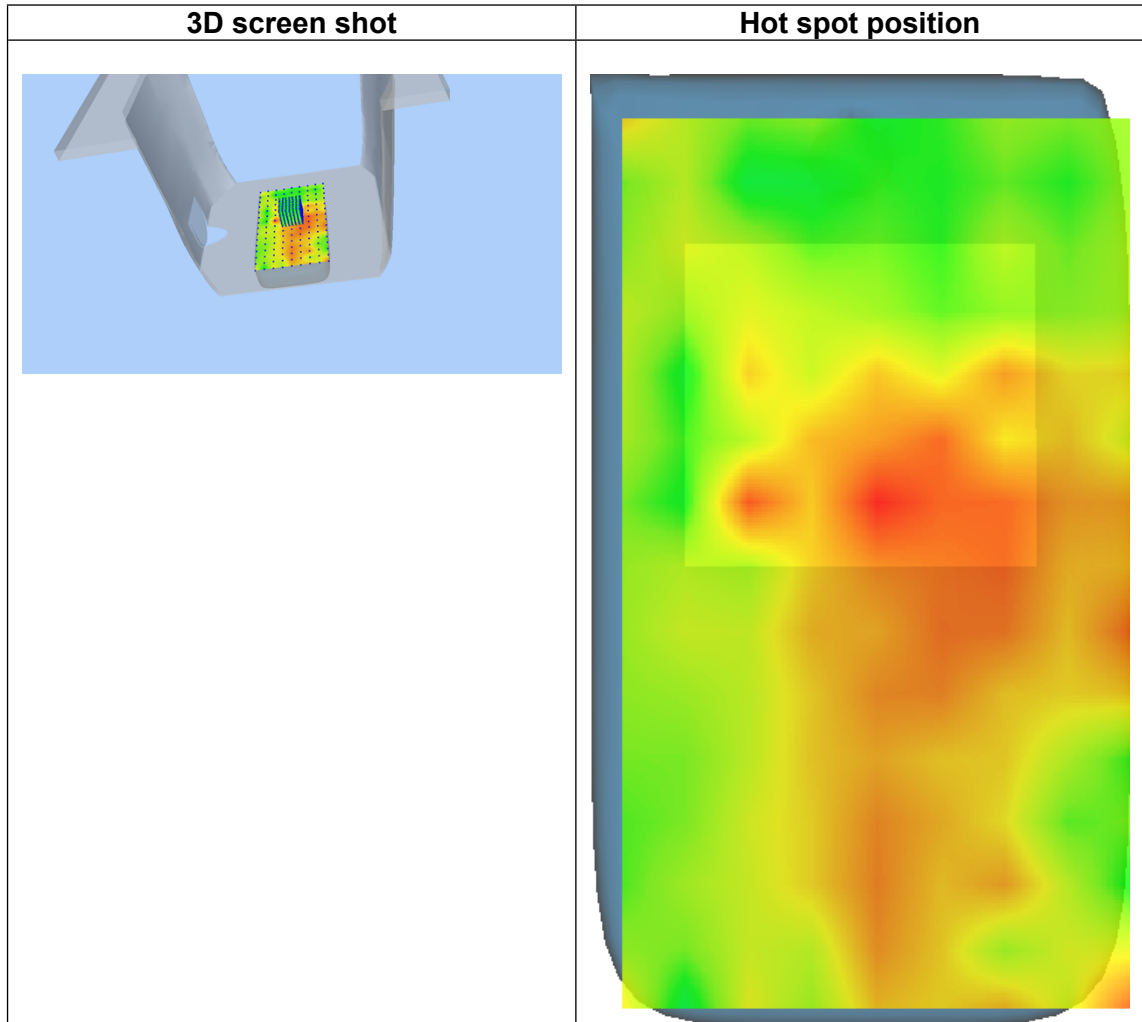
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	-2.970000



Maximum location: X=1.00, Y=8.00

SAR Peak: 1.18 W/kg

SAR 10g (W/Kg)	0.459703
SAR 1g (W/Kg)	0.613414



MEASUREMENT 9

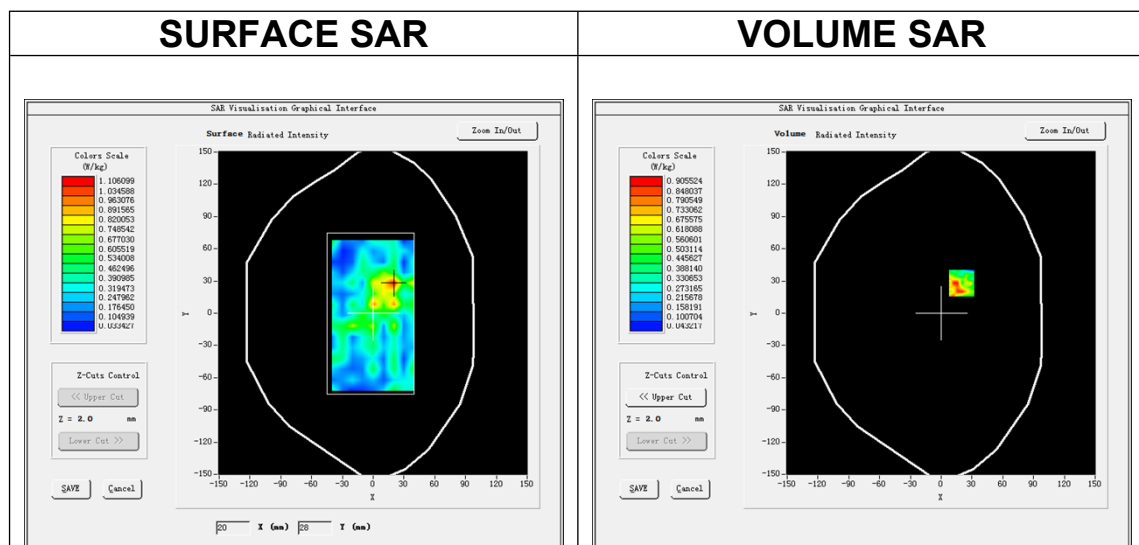
Date of measurement: 5/12/2024

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.a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.29</u>

B. SAR Measurement Results

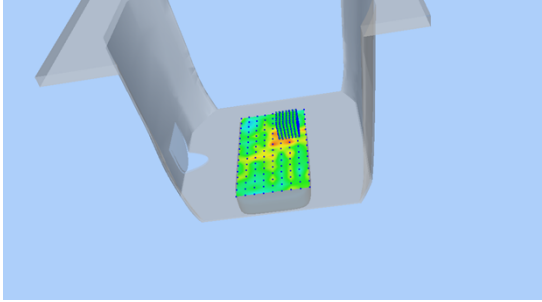
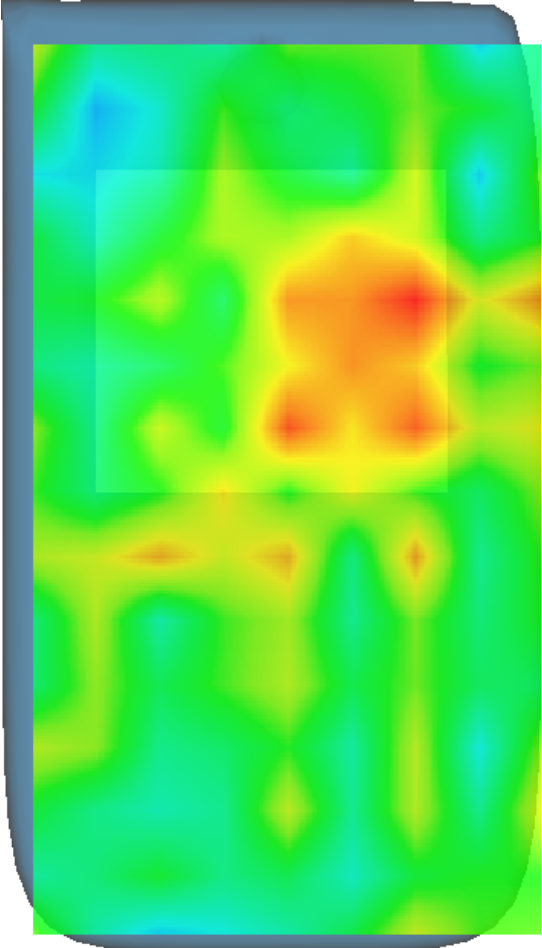
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	0.900002



Maximum location: X=20.00, Y=28.00

SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.396270
SAR 1g (W/Kg)	0.591859

3D screen shot	Hot spot position
	

MEASUREMENT 10

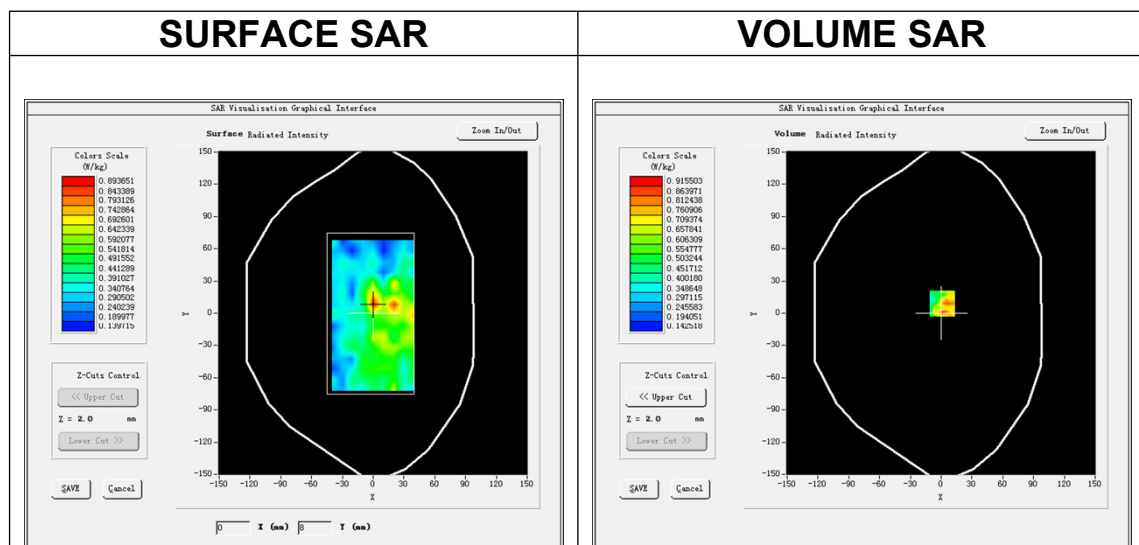
Date of measurement: 6/12/2024

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>Low</u>
<u>Signal</u>	<u>IEEE802.a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.27</u>

B. SAR Measurement Results

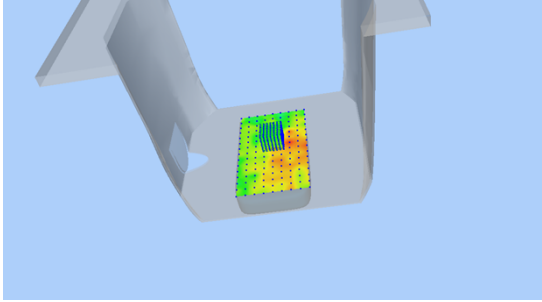
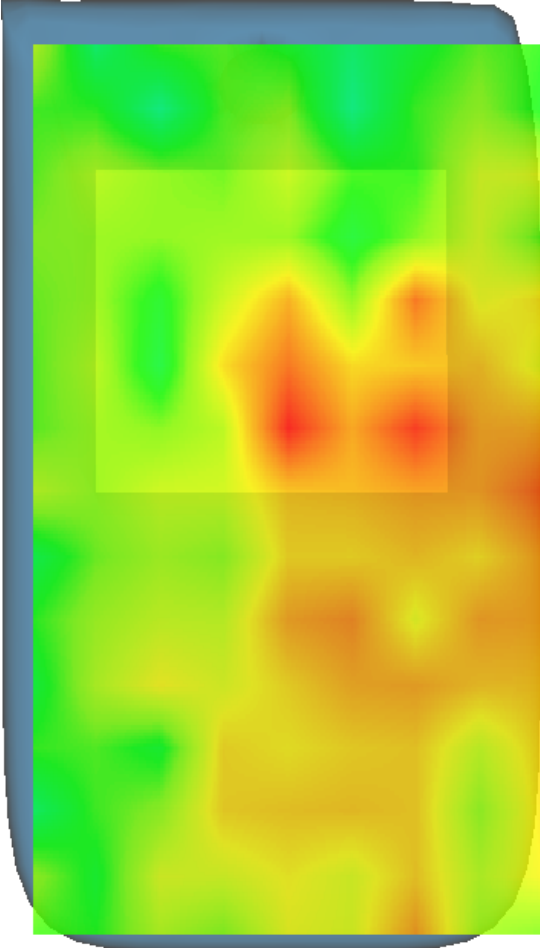
Frequency (MHz)	5745.000000
Relative permittivity (real part)	35.314999
Relative permittivity (imaginary part)	16.355499
Conductivity (S/m)	5.220130
Variation (%)	-0.210000



Maximum location: X=1.00, Y=9.00

SAR Peak: 1.26 W/kg

SAR 10g (W/Kg)	0.482364
SAR 1g (W/Kg)	0.628654

3D screen shot	Hot spot position
	

MEASUREMENT 11

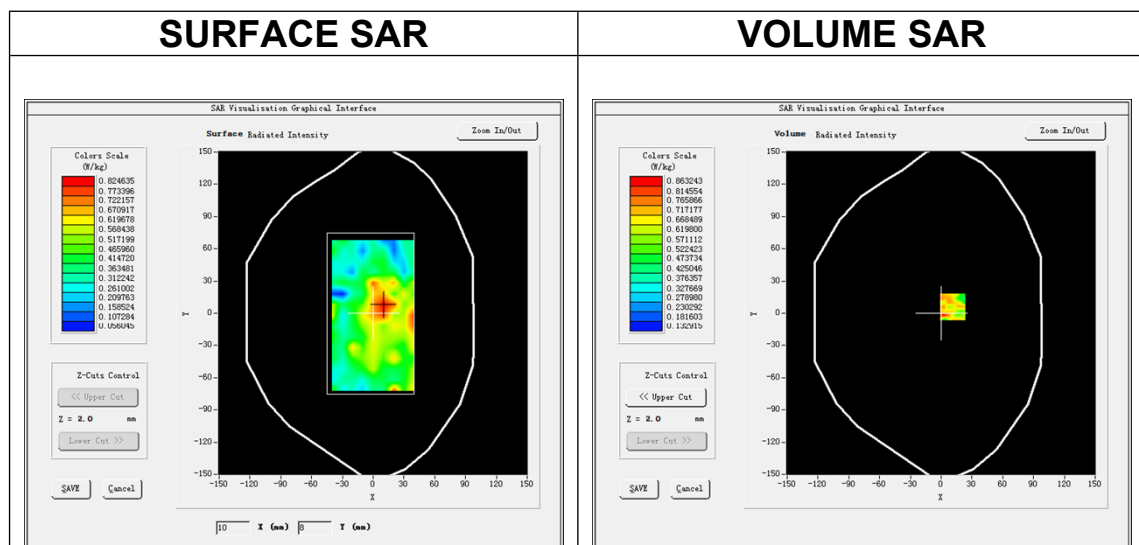
Date of measurement: 6/12/2024

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>Body</u>
Band	<u>IEEE 802.11n U-NII</u>
Channels	<u>Low</u>
Signal	<u>IEEE802.n (Crest factor: 1.0)</u>
ConvF	<u>2.27</u>

B. SAR Measurement Results

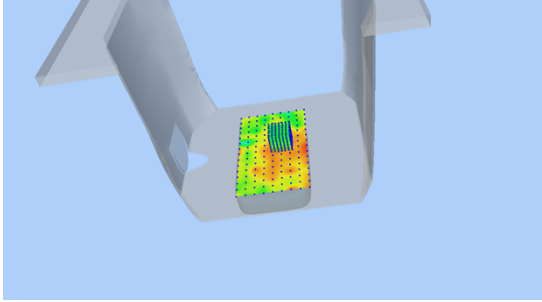
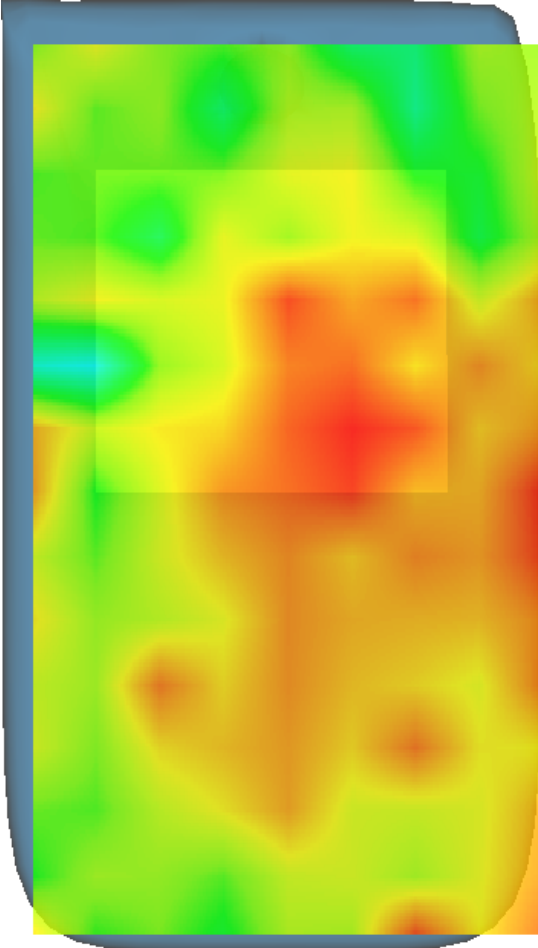
Frequency (MHz)	5745.000000
Relative permittivity (real part)	35.314999
Relative permittivity (imaginary part)	16.355499
Conductivity (S/m)	5.220130
Variation (%)	1.680000



Maximum location: X=11.00, Y=6.00

SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.487266
SAR 1g (W/Kg)	0.643034

3D screen shot	Hot spot position
	

MEASUREMENT 12

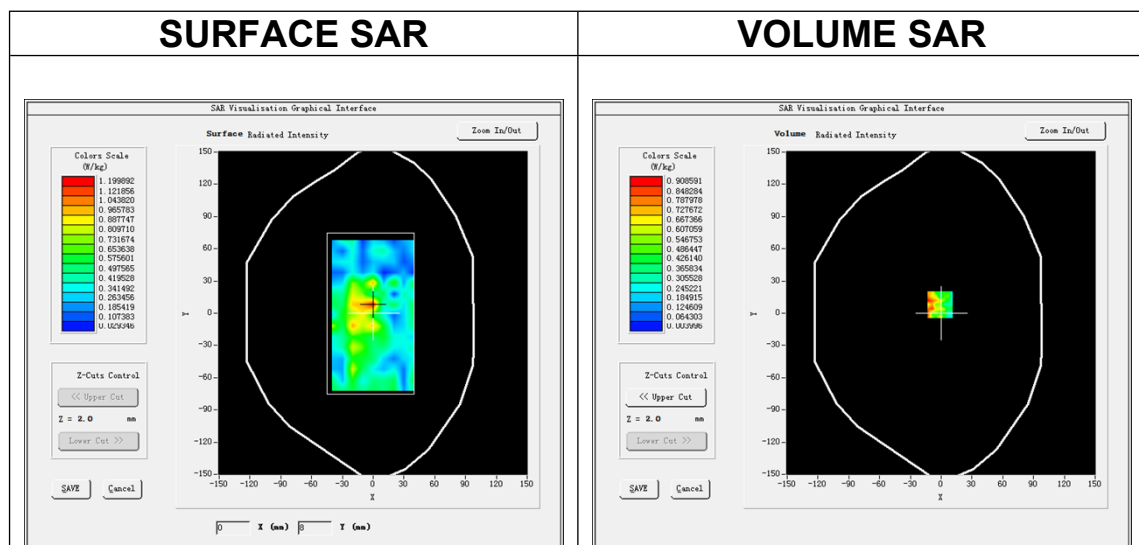
Date of measurement: 6/12/2024

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>Body</u>
Band	<u>IEEE 802.11a U-NII</u>
Channels	<u>Low</u>
Signal	<u>IEEE802.a (Crest factor: 1.0)</u>
ConvF	<u>2.27</u>

B. SAR Measurement Results

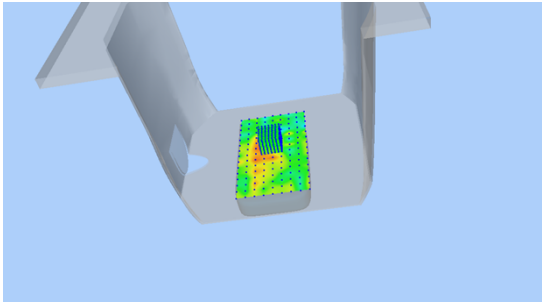
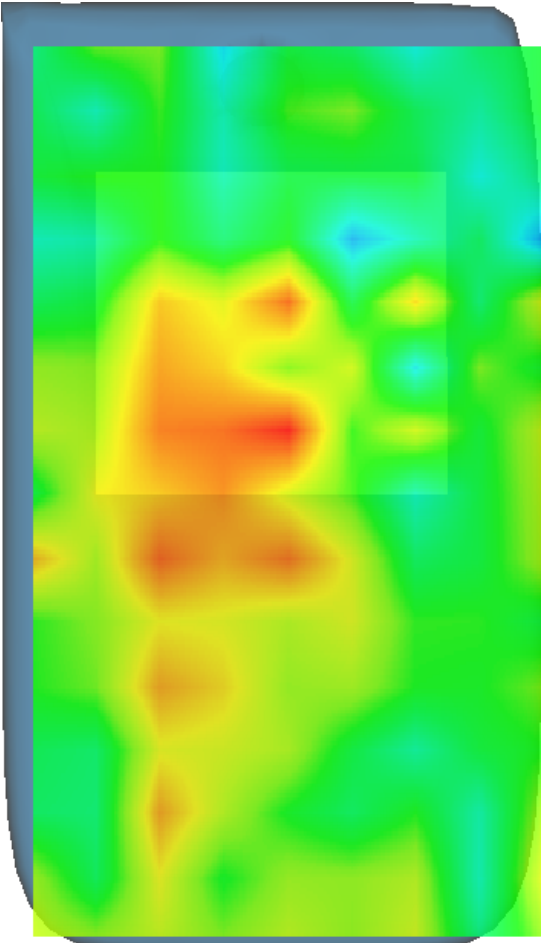
Frequency (MHz)	5745.000000
Relative permittivity (real part)	35.314999
Relative permittivity (imaginary part)	16.355499
Conductivity (S/m)	5.220130
Variation (%)	4.400000



Maximum location: X=-1.00, Y=8.00

SAR Peak: 1.39 W/kg

SAR 10g (W/Kg)	0.431303
SAR 1g (W/Kg)	0.594842

3D screen shot	Hot spot position
	

MEASUREMENT 13

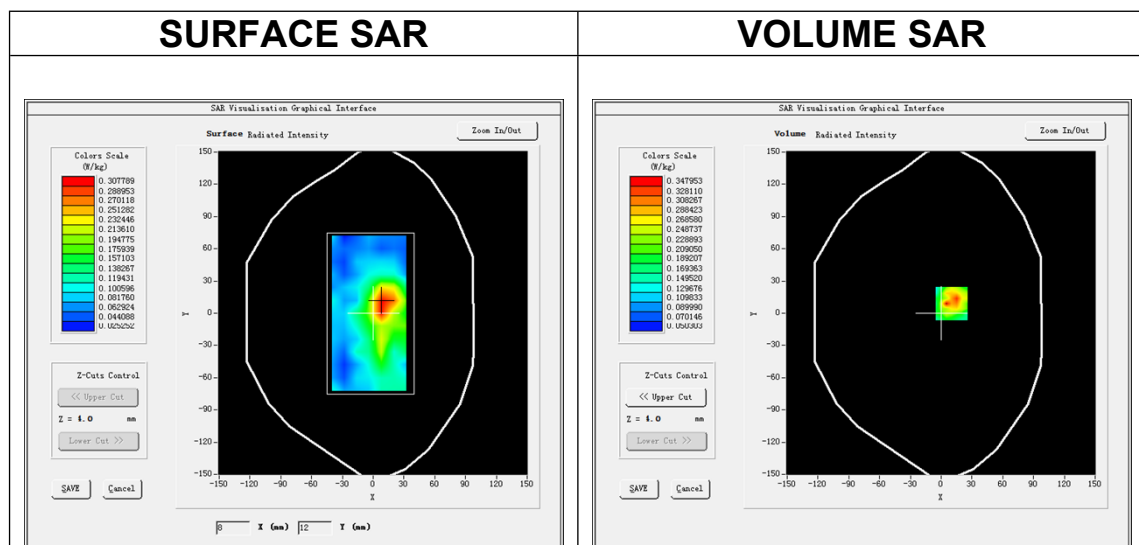
Date of measurement: 2/12/2024

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>High</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.38</u>

B. SAR Measurement Results

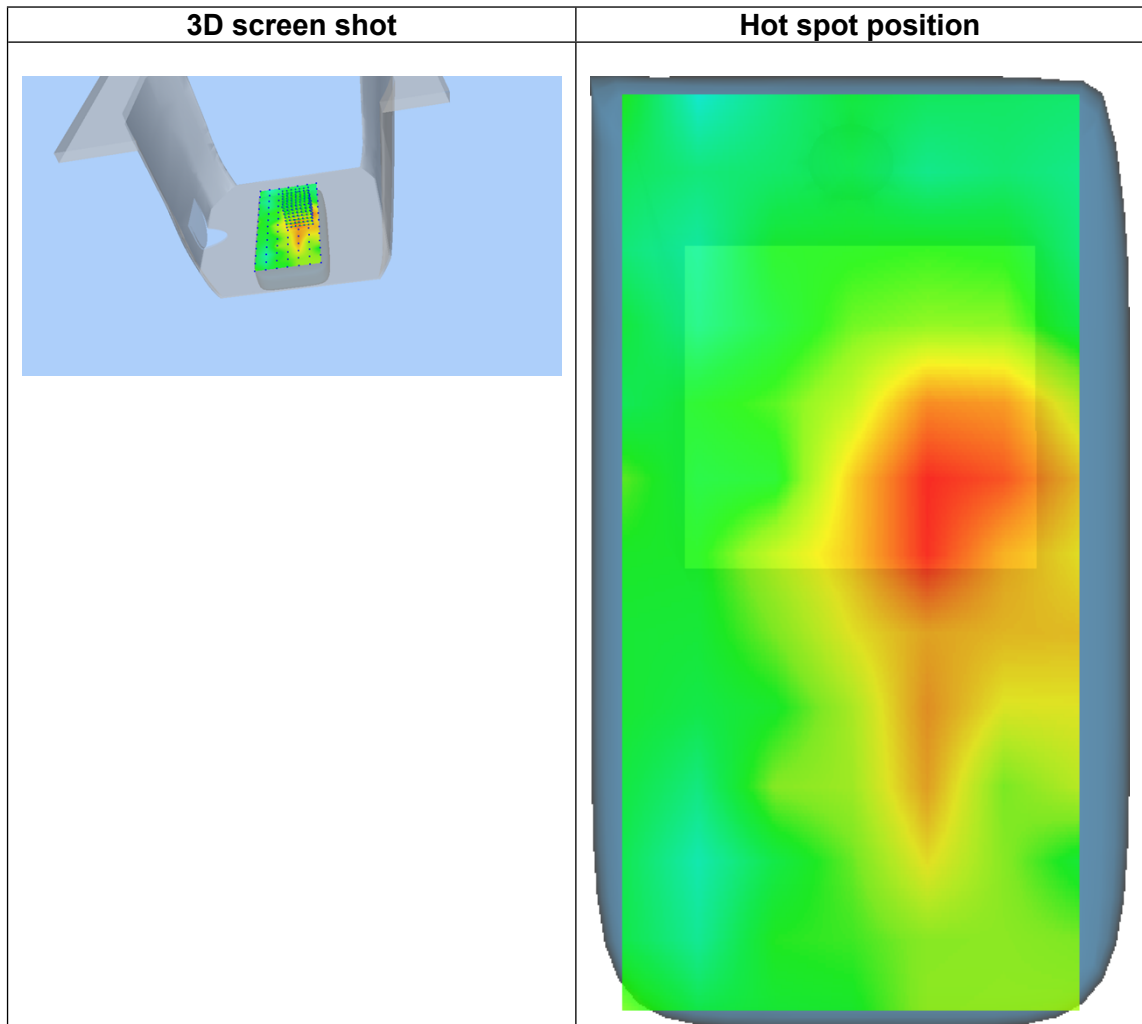
Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.226002
Relative permittivity (imaginary part)	13.207000
Conductivity (S/m)	1.806424
Variation (%)	-4.090000



Maximum location: X=10.00, Y=9.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.194803
SAR 1g (W/Kg)	0.300973



MEASUREMENT 14

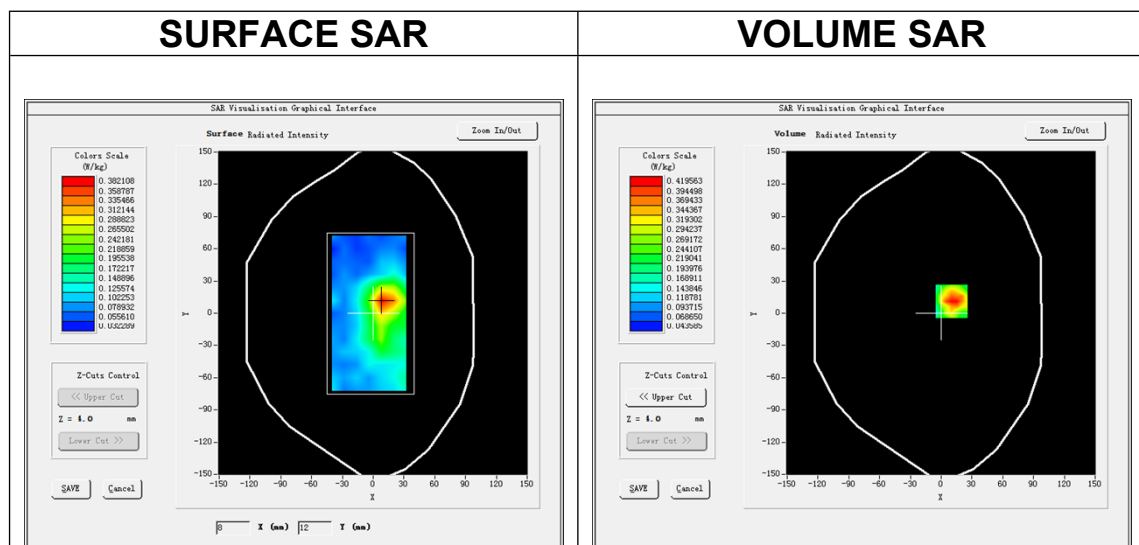
Date of measurement: 2/12/2024

A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>IEEE 802.11n ISM</u>
Channels	<u>Low</u>
Signal	<u>IEEE802.n (Crest factor: 1.0)</u>
ConvF	<u>2.38</u>

B. SAR Measurement Results

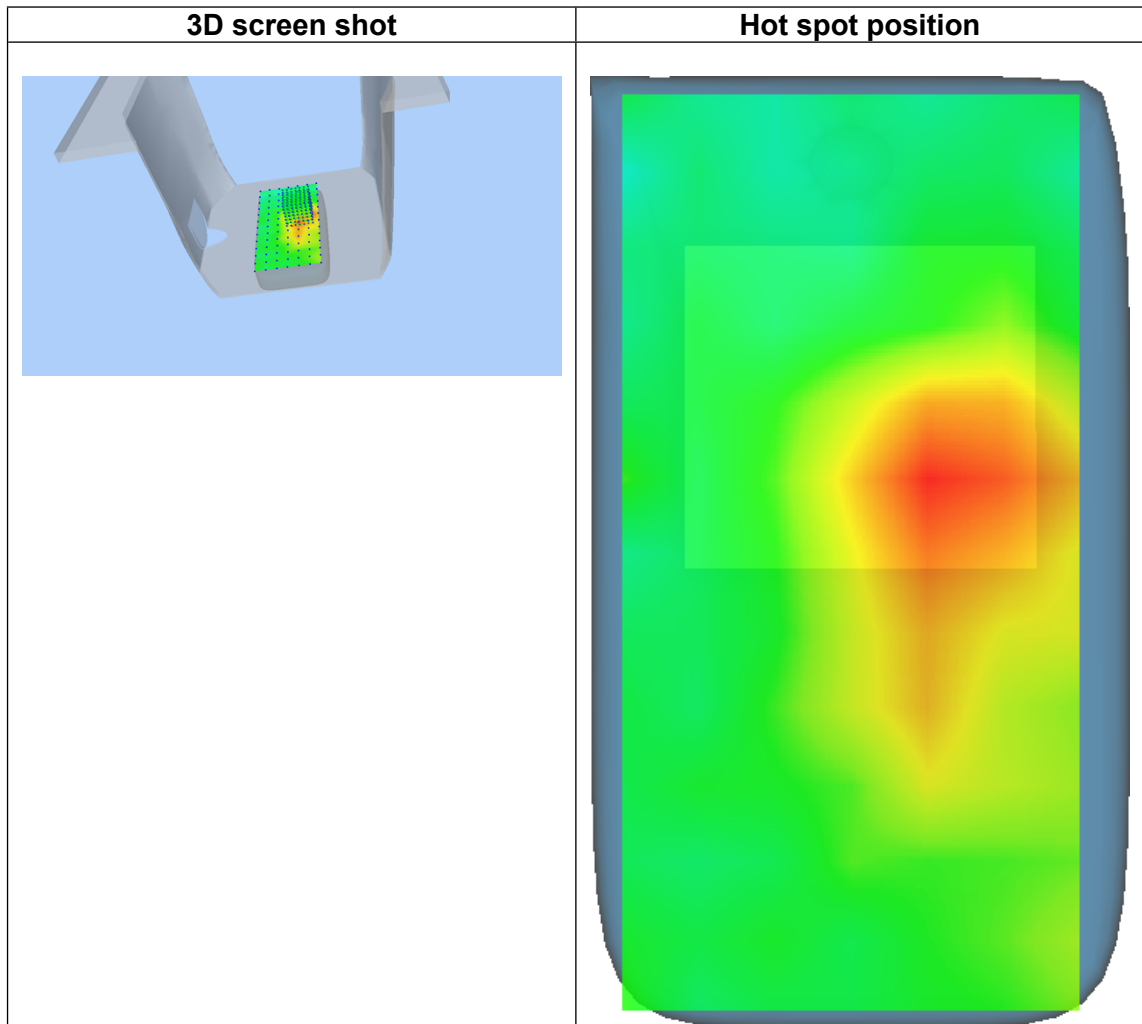
Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.224001
Relative permittivity (imaginary part)	13.205800
Conductivity (S/m)	1.788081
Variation (%)	2.070000



Maximum location: X=10.00, Y=11.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.240684
SAR 1g (W/Kg)	0.383489



MEASUREMENT 15

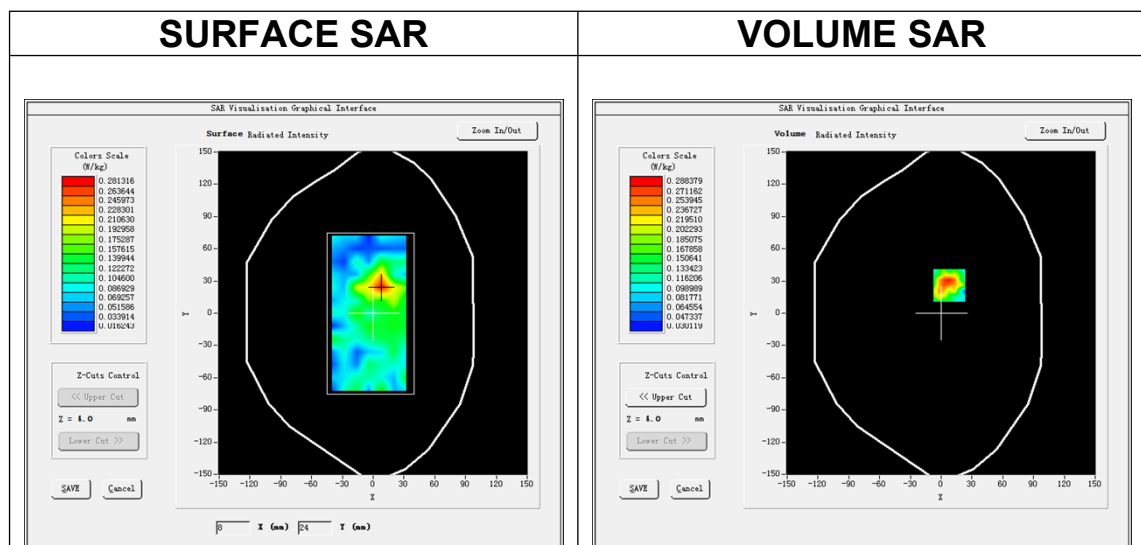
Date of measurement: 2/12/2024

A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body</u>
Band	<u>IEEE 802.11b ISM</u>
Channels	<u>High</u>
Signal	<u>IEEE802.b (Crest factor: 1.0)</u>
ConvF	<u>2.38</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.226002
Relative permittivity (imaginary part)	13.207000
Conductivity (S/m)	1.806424
Variation (%)	3.060001



Maximum location: X=8.00, Y=26.00

SAR Peak: 0.57 W/kg

SAR 10g (W/Kg)	0.167486
SAR 1g (W/Kg)	0.273546

