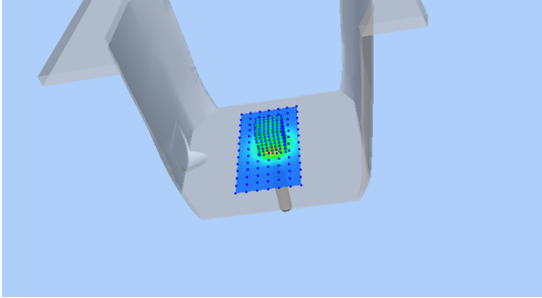
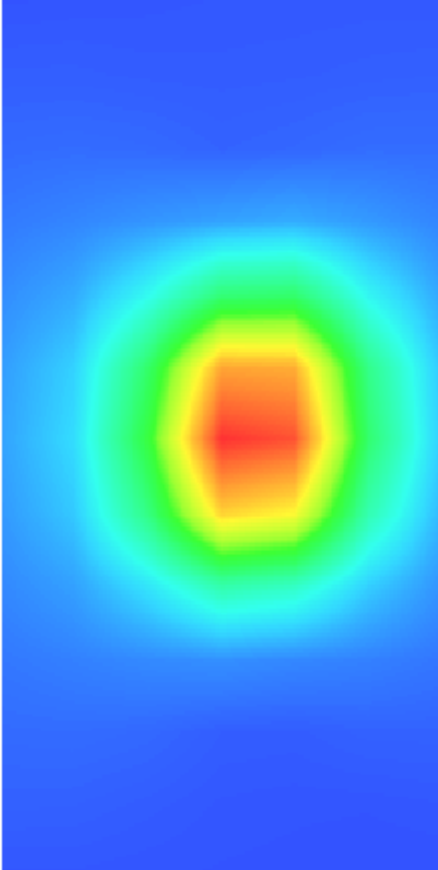


3D screen shot	Hot spot position
	

MEASUREMENT 2

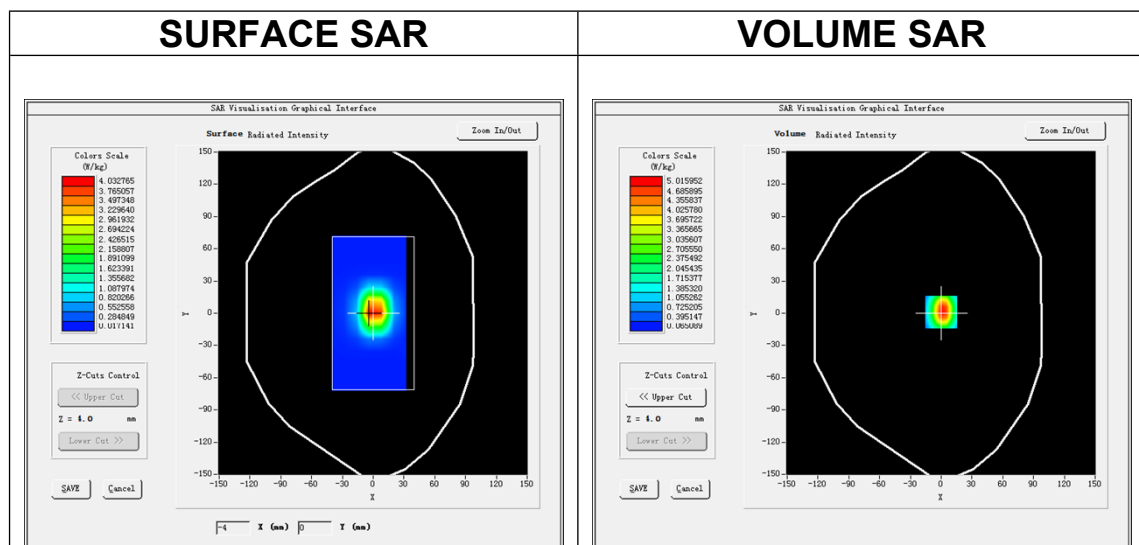
Date of measurement: 3/12/2024

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

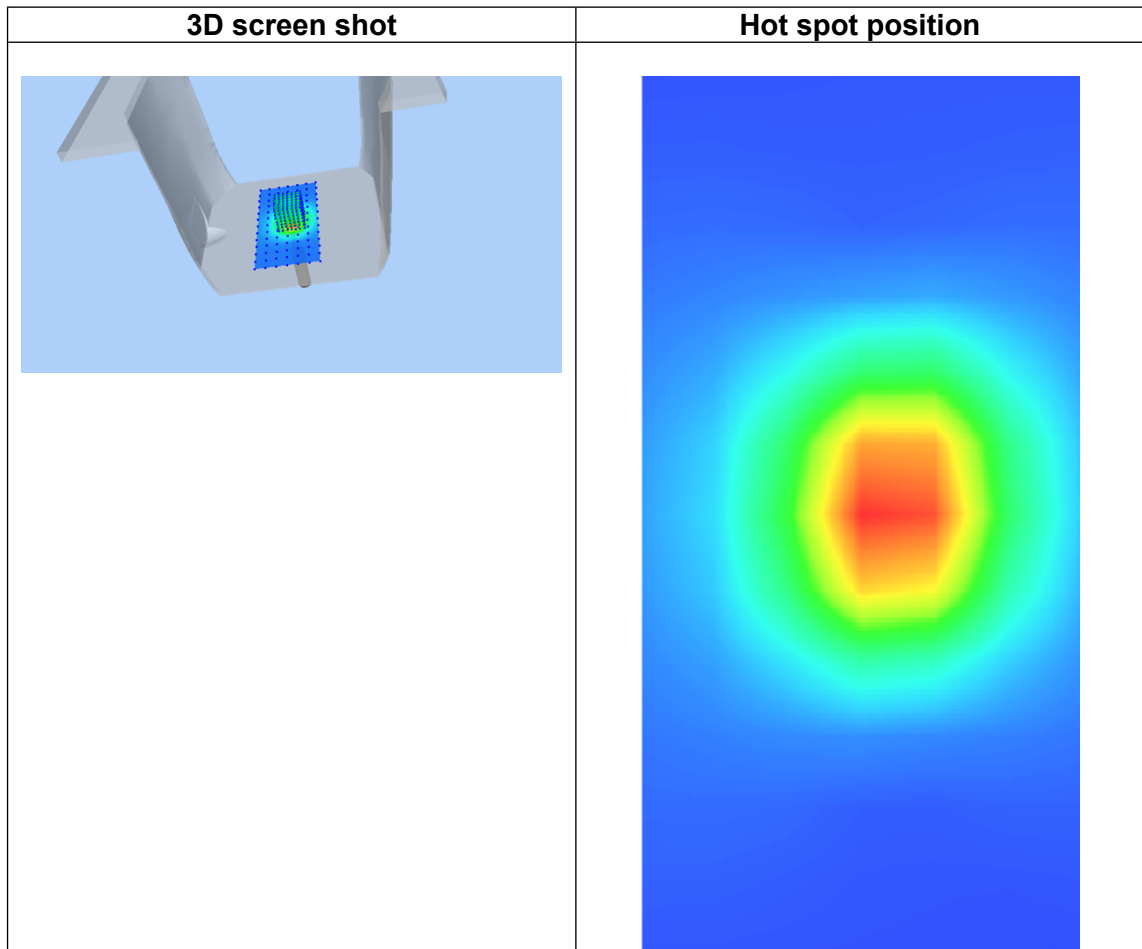
Frequency (MHz)	5200.000000
Relative permittivity (real part)	37.400000
Relative permittivity (imaginary part)	16.129978
Conductivity (S/m)	4.659771
Variation (%)	2.010000



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

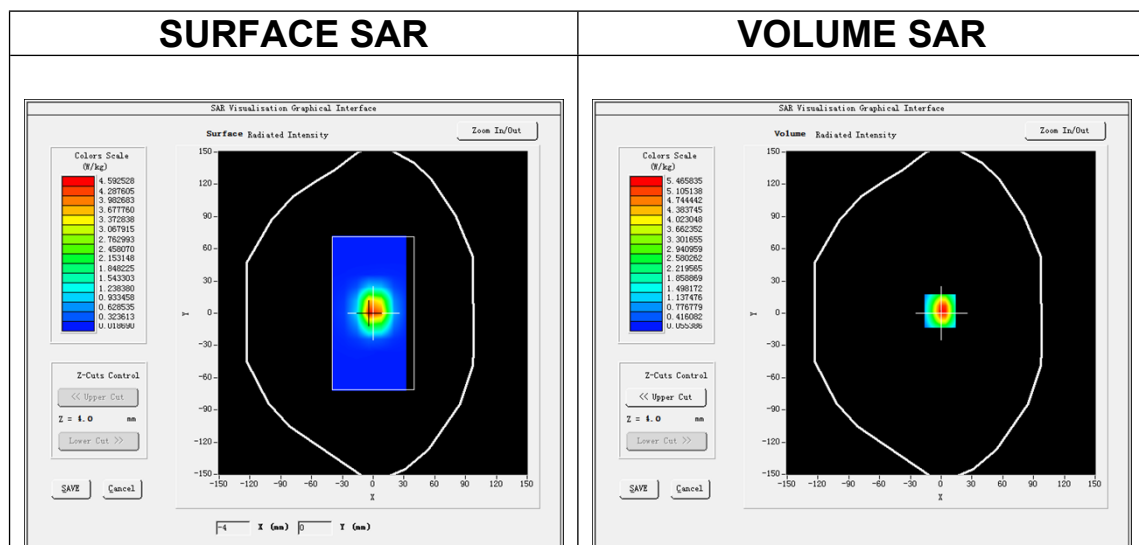
Date of measurement: 4/12/2024

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

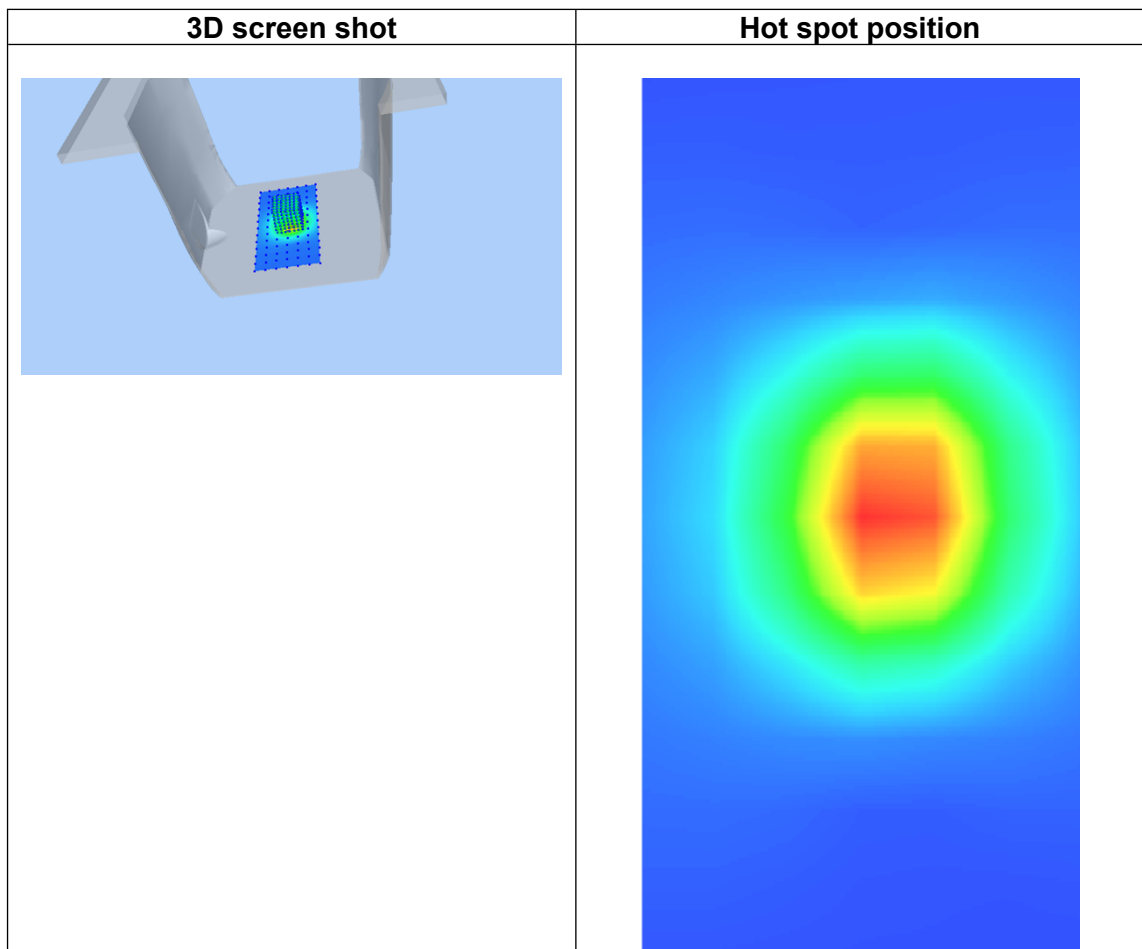
Frequency (MHz)	5400.000000
Relative permittivity (real part)	35.102351
Relative permittivity (imaginary part)	16.341203
Conductivity (S/m)	4.701556
Variation (%)	-2.480000



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

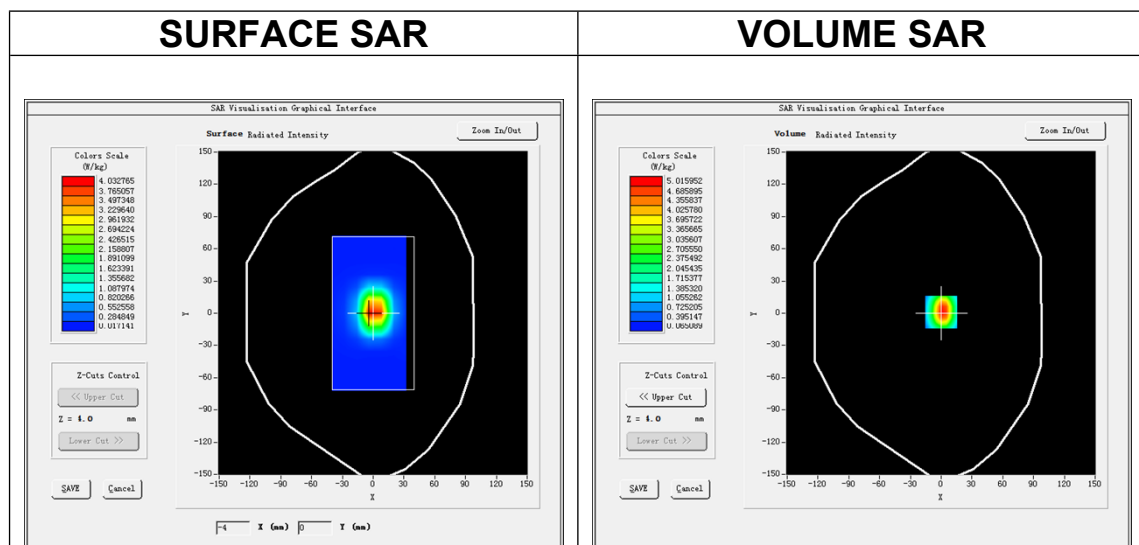
Date of measurement: 5/12/2024

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

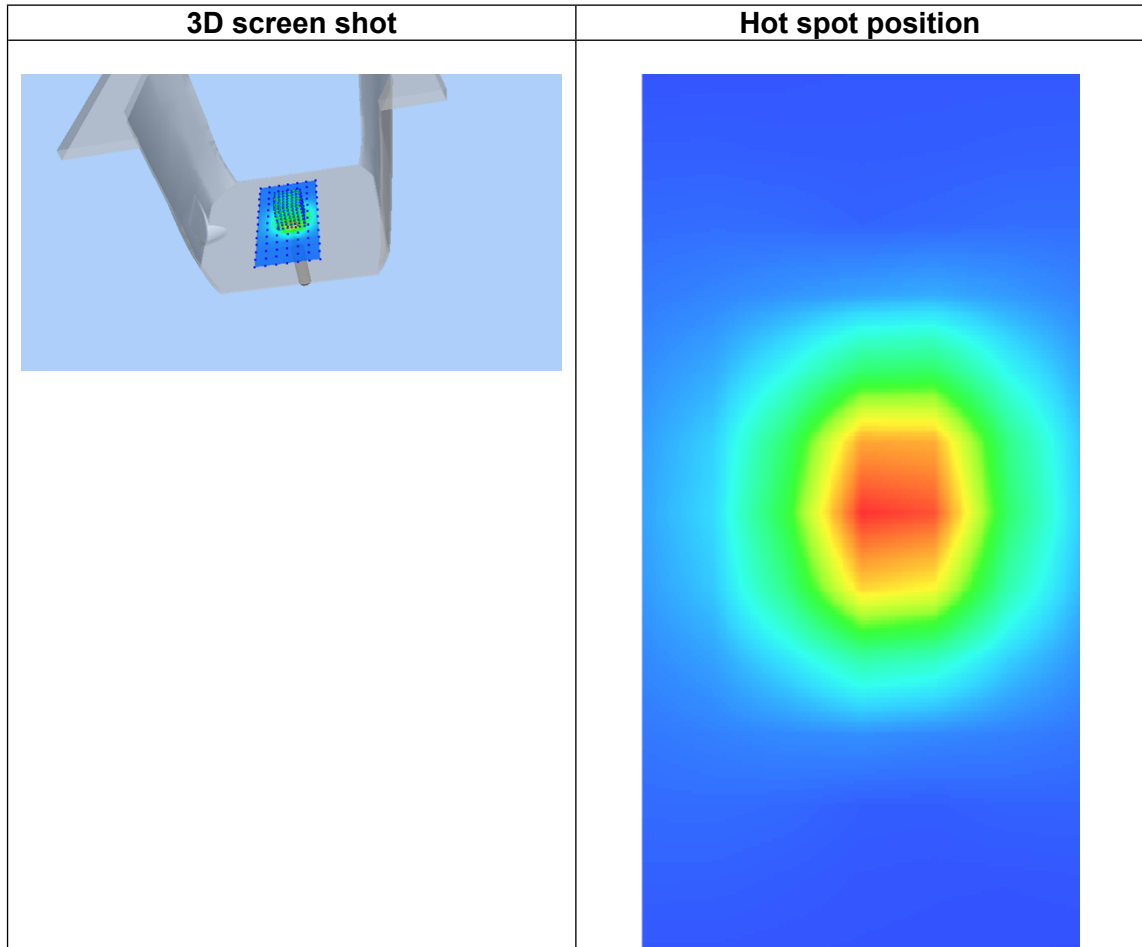
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	-4.570000



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

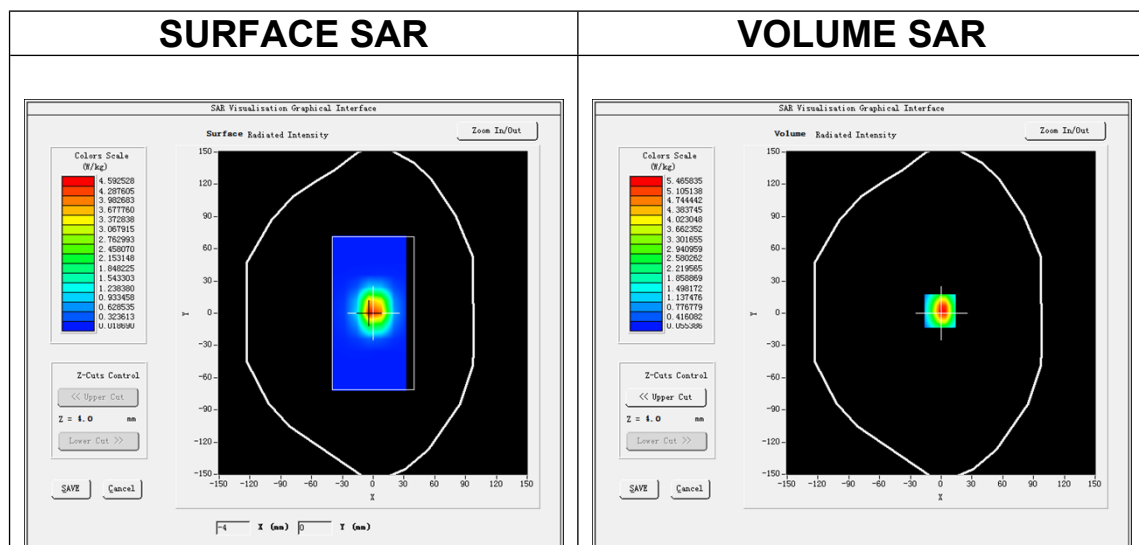
Date of measurement: 6/12/2024

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

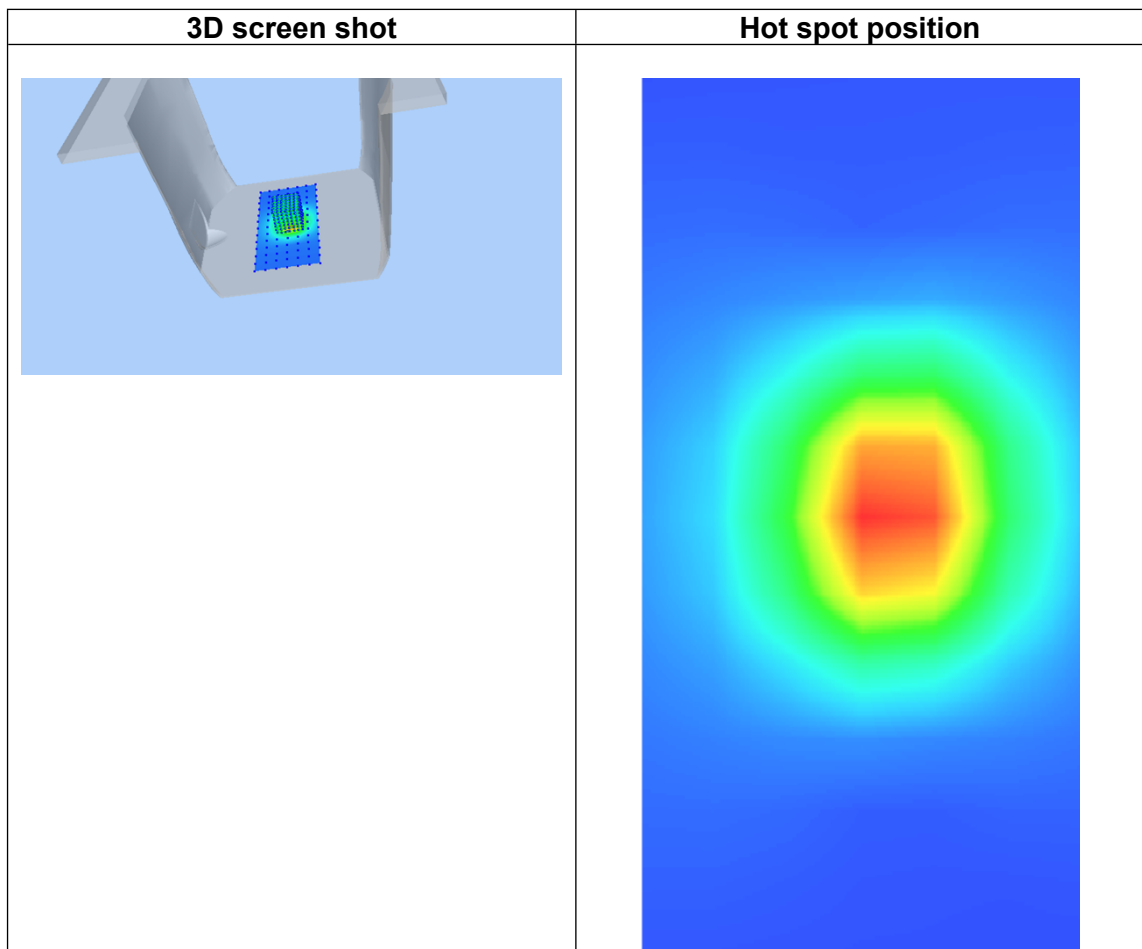
Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.299999
Relative permittivity (imaginary part)	16.360001
Conductivity (S/m)	5.271556
Variation (%)	-2.480000



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

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MEASUREMENT 14 WLAN 2.4G Body MIMO
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MEASUREMENT 1

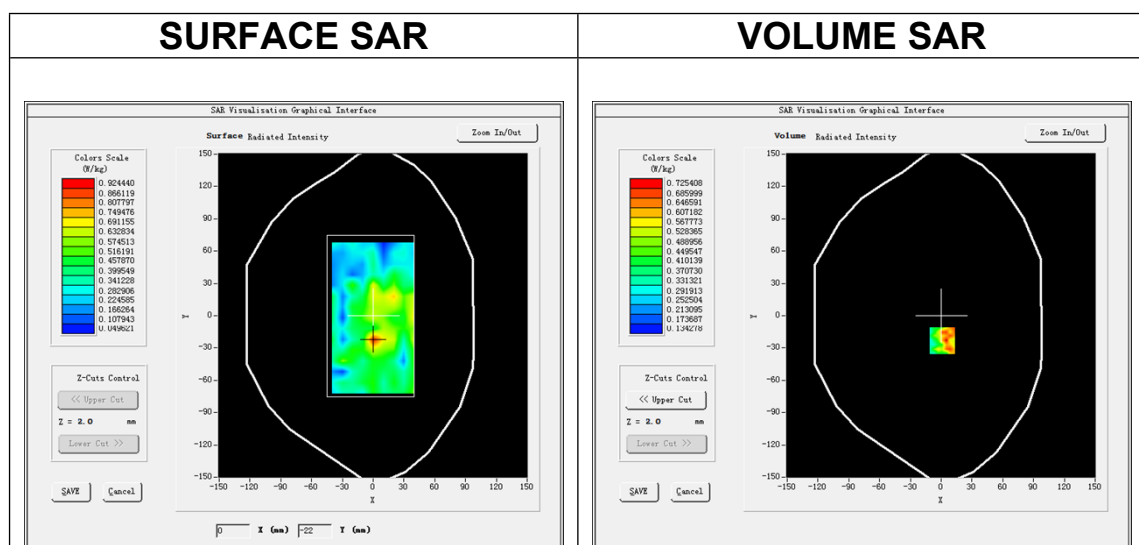
Date of measurement: 3/12/2024

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

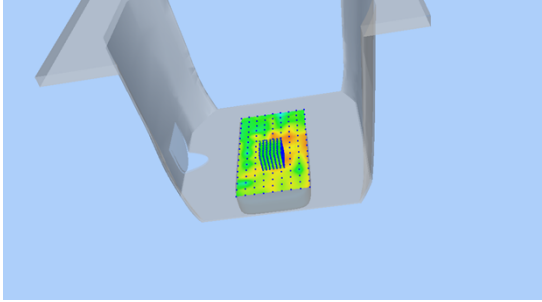
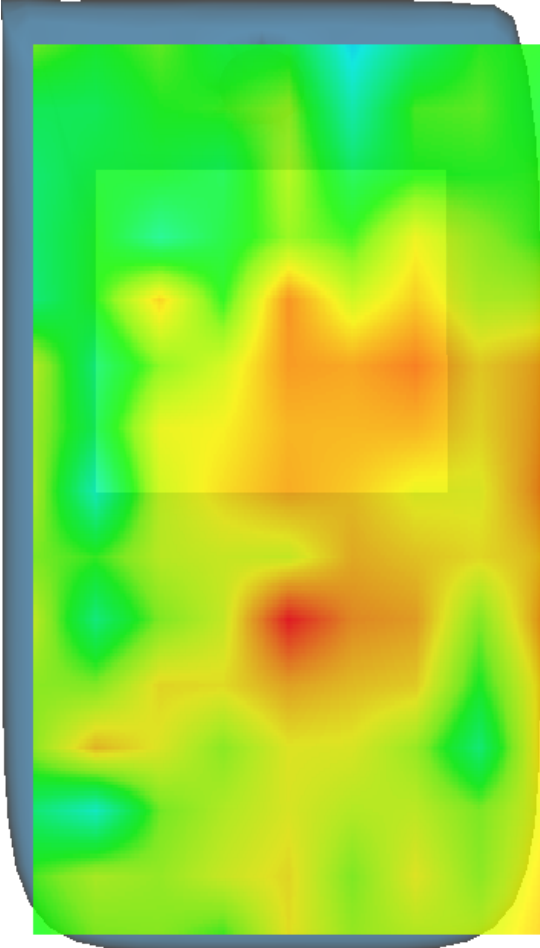
Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.120000
Relative permittivity (imaginary part)	16.129995
Conductivity (S/m)	4.695621
Variation (%)	-0.430000



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

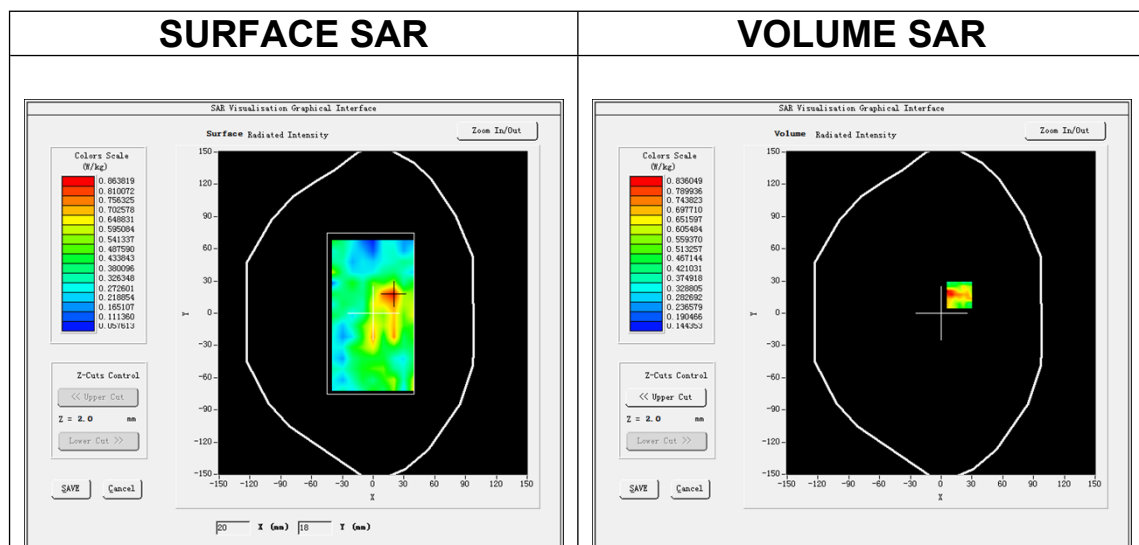
Date of measurement: 3/12/2024

A. Experimental conditions.

<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>High</u>
<u>Signal</u>	<u>IEEE802.ac (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.30</u>

B. SAR Measurement Results

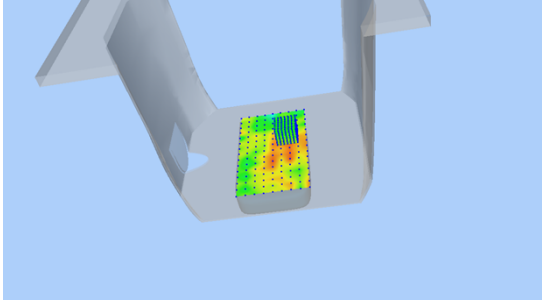
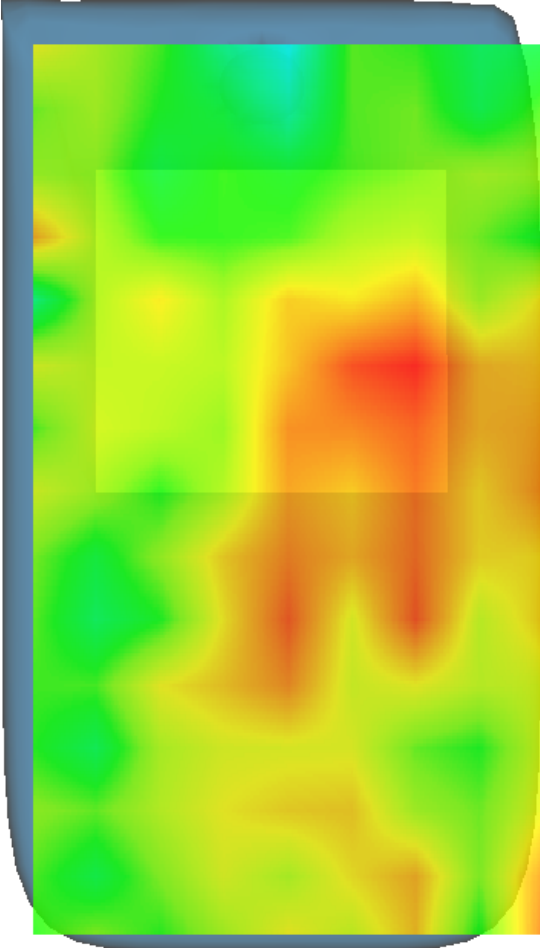
Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.120000
Relative permittivity (imaginary part)	16.129995
Conductivity (S/m)	4.695621
Variation (%)	-1.950000



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

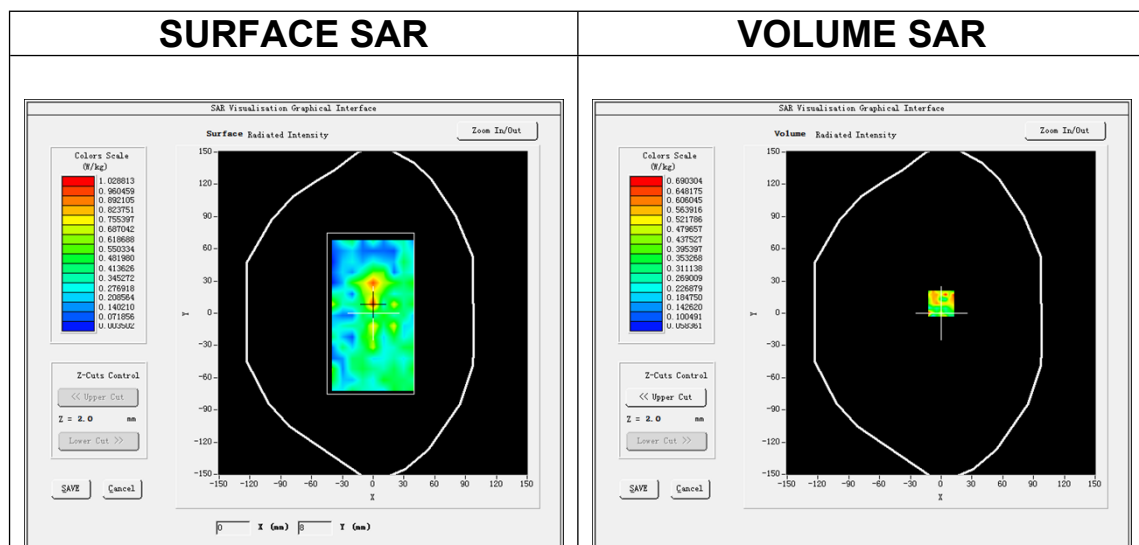
Date of measurement: 3/12/2024

A. Experimental conditions.

<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>High</u>
<u>Signal</u>	<u>IEEE802.a (Crest factor: 1.0)</u>
<u>ConvF</u>	<u>2.30</u>

B. SAR Measurement Results

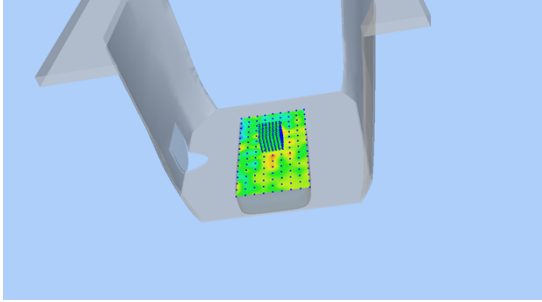
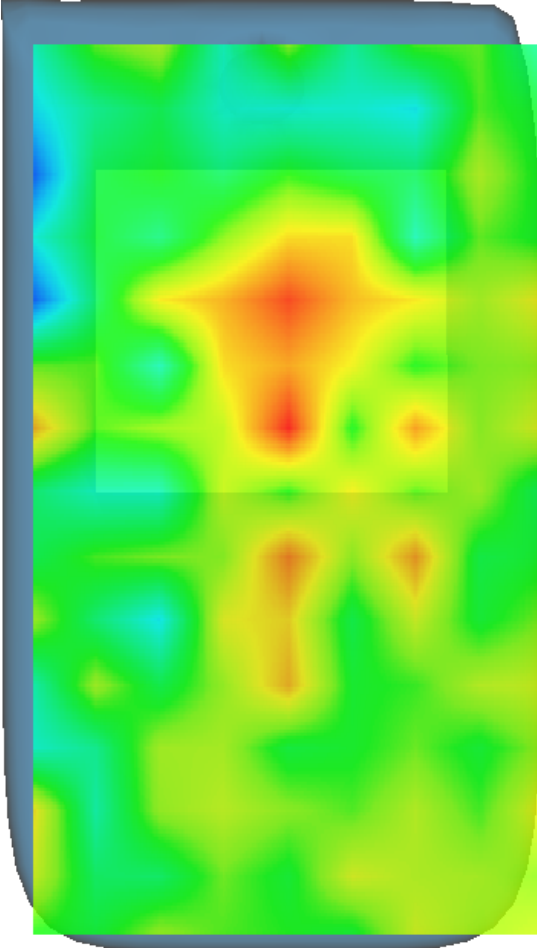
Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.120000
Relative permittivity (imaginary part)	16.129995
Conductivity (S/m)	4.695621
Variation (%)	1.360001



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

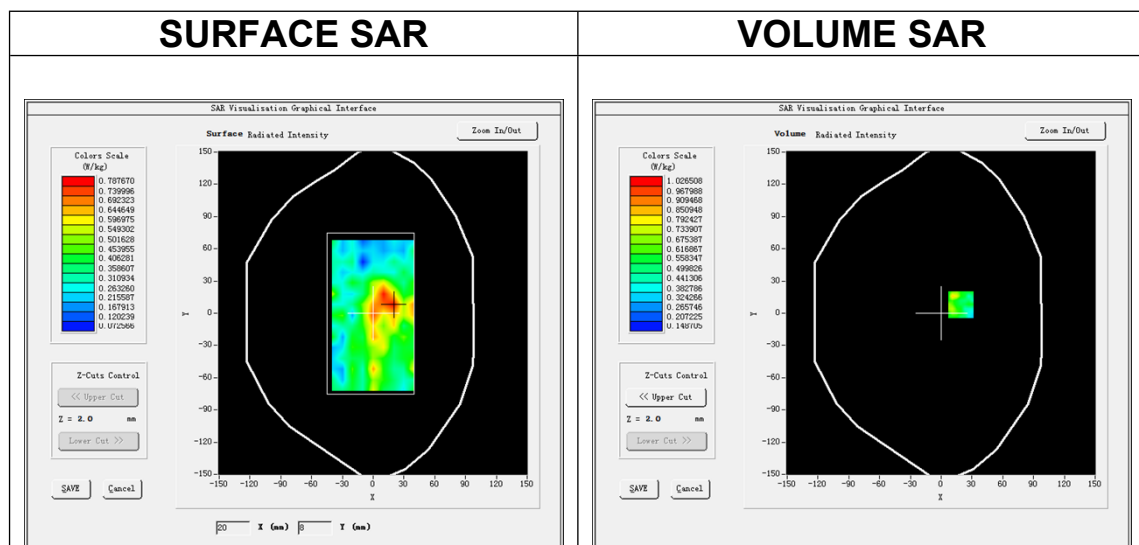
Date of measurement: 4/12/2024

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

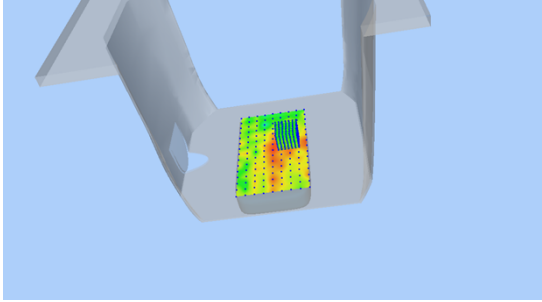
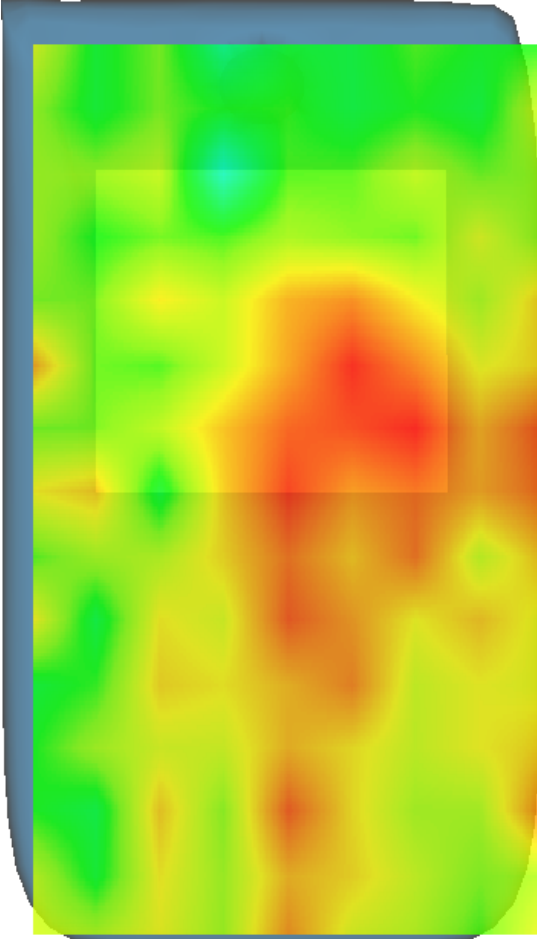
Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	-3.020000



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

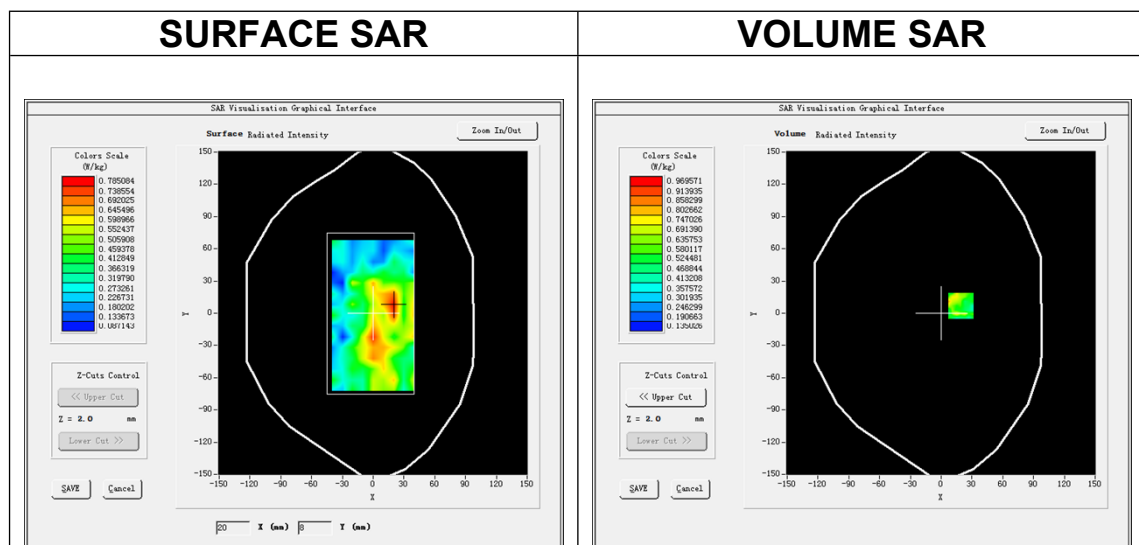
Date of measurement: 4/12/2024

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

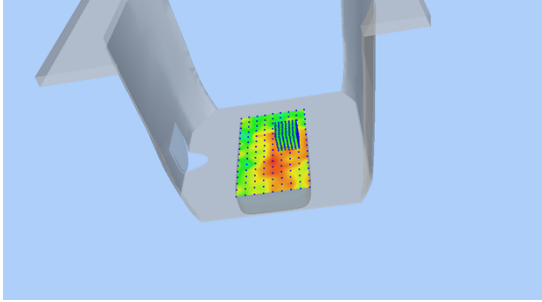
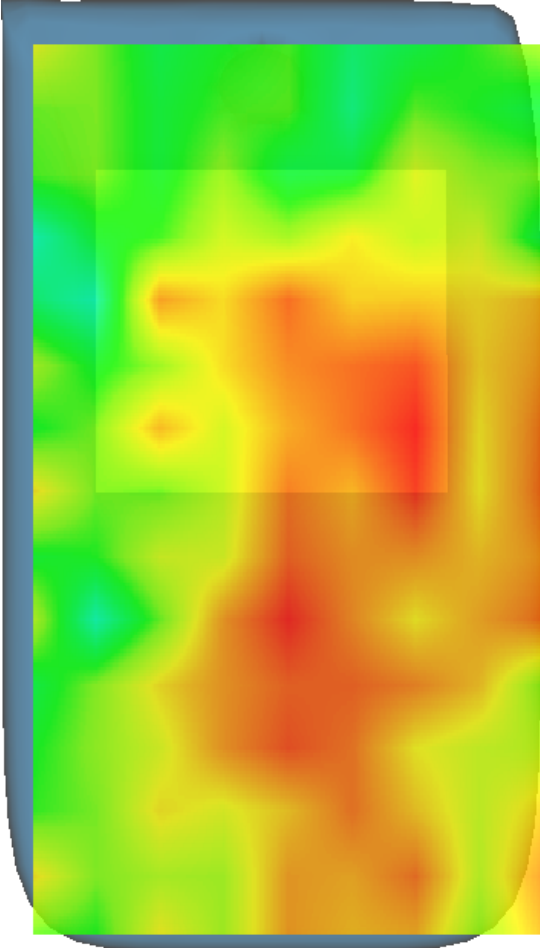
Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	2.170000



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

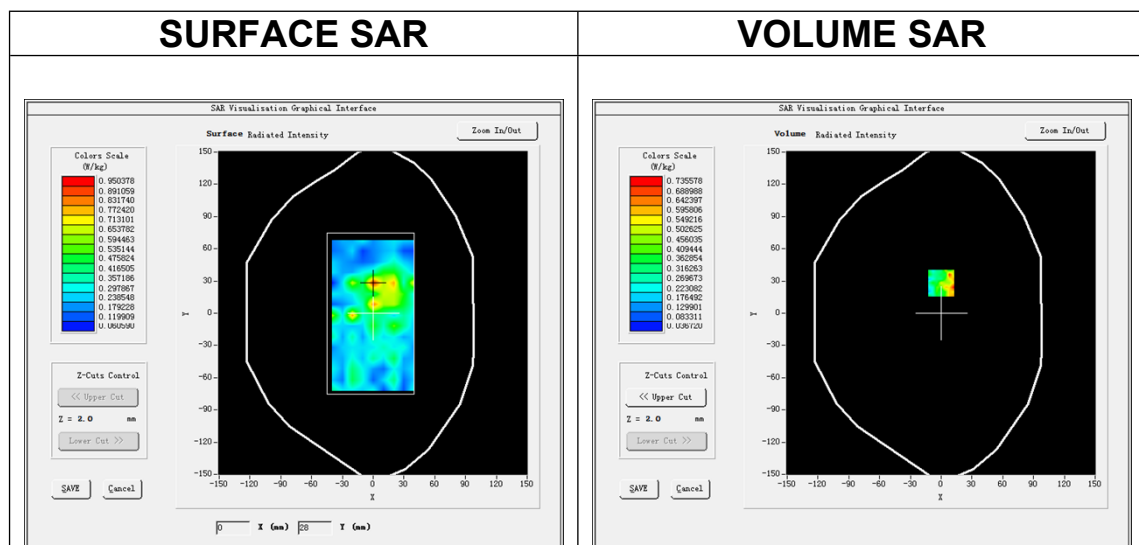
Date of measurement: 4/12/2024

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

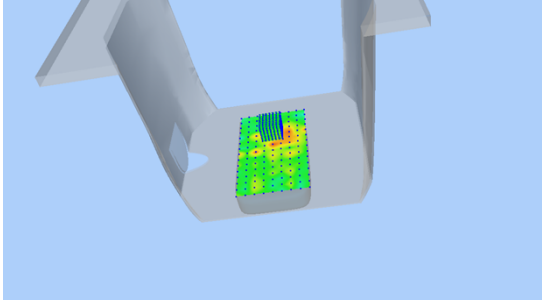
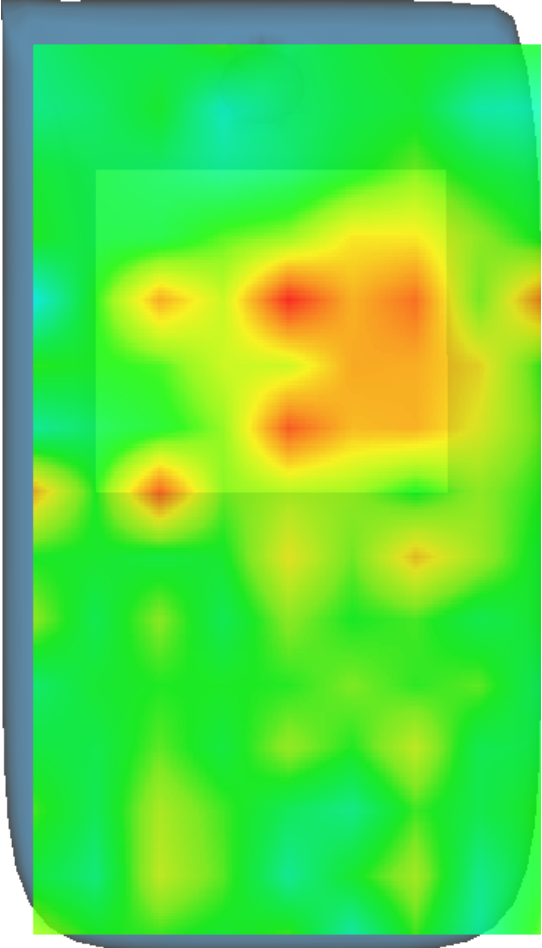
Frequency (MHz)	5280.000000
Relative permittivity (real part)	35.919998
Relative permittivity (imaginary part)	16.158001
Conductivity (S/m)	4.739680
Variation (%)	0.350000



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

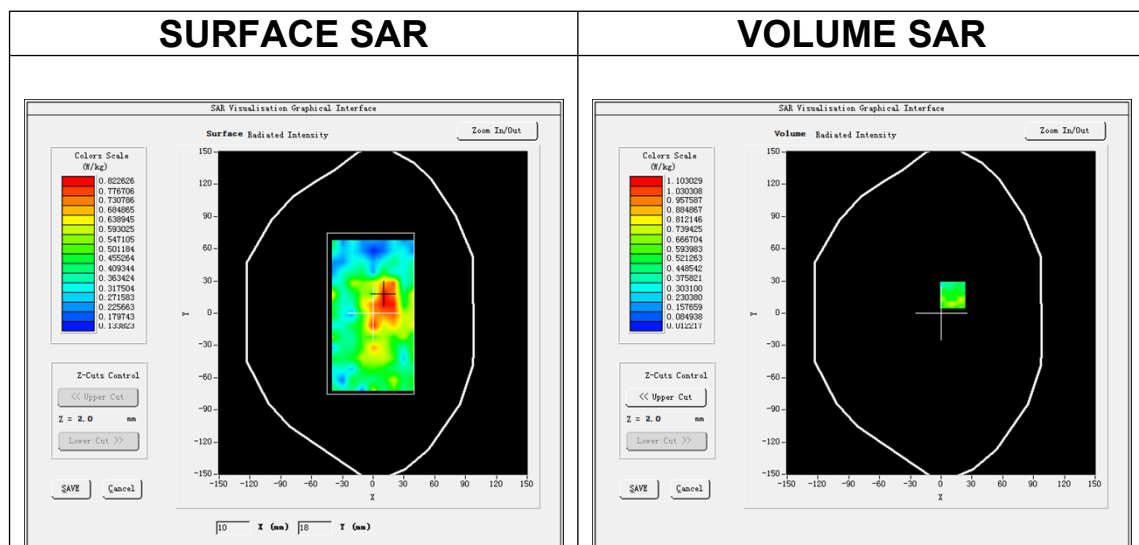
Date of measurement: 5/12/2024

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

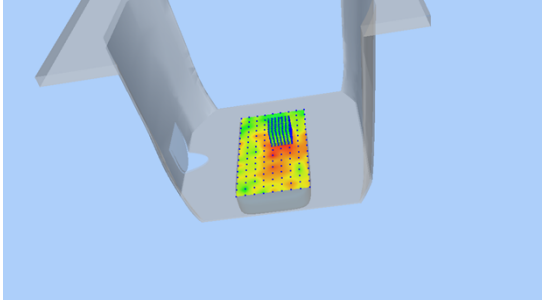
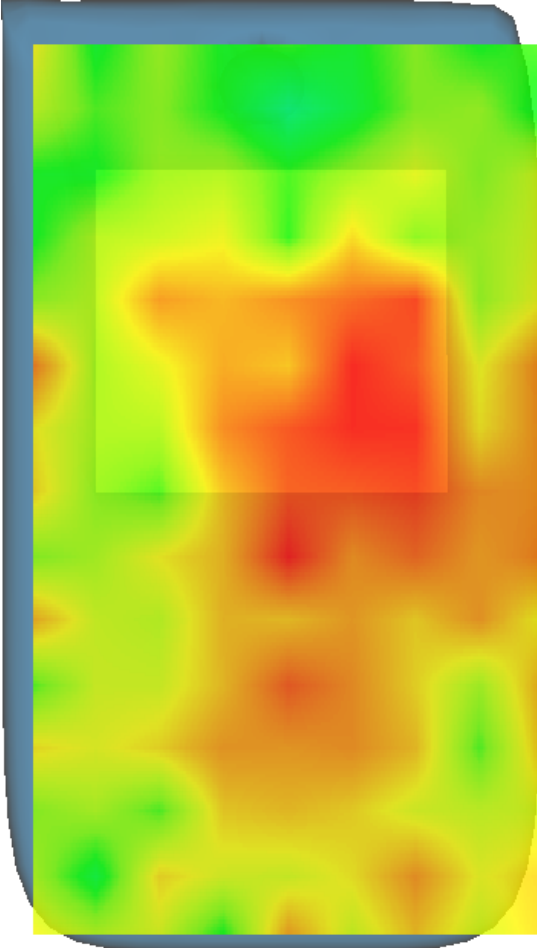
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	-1.330000



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

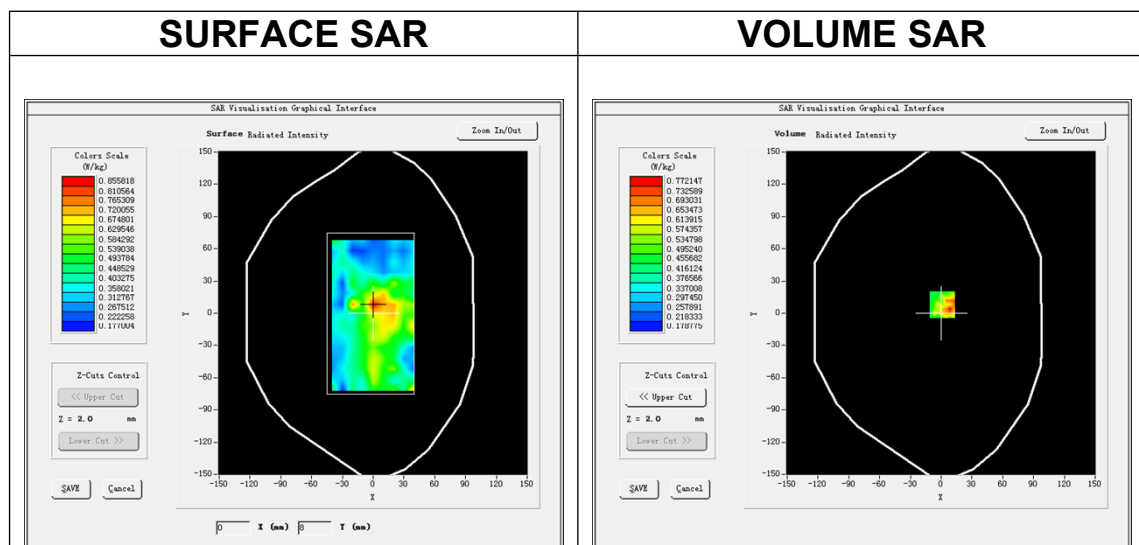
Date of measurement: 5/12/2024

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

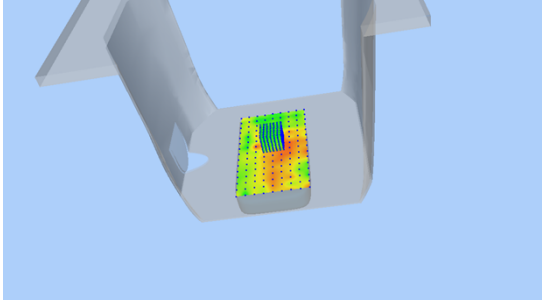
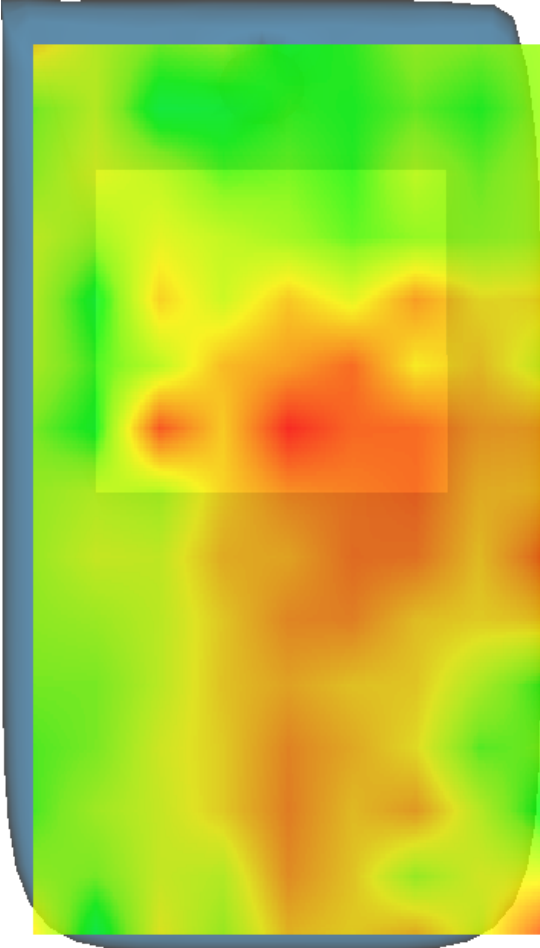
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	-2.970000



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

3D screen shot	Hot spot position
	

MEASUREMENT 9

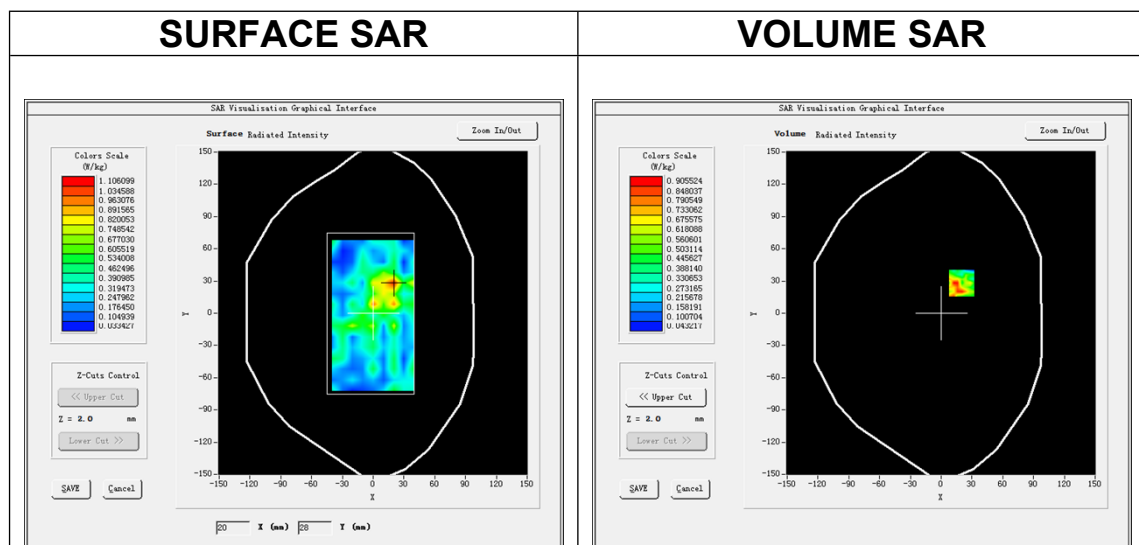
Date of measurement: 5/12/2024

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

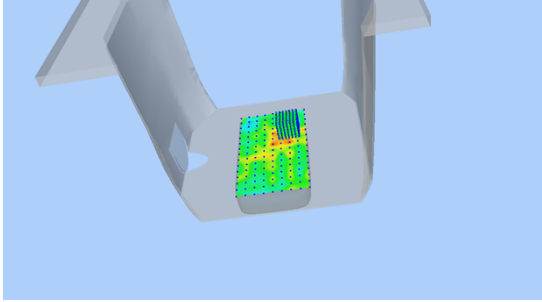
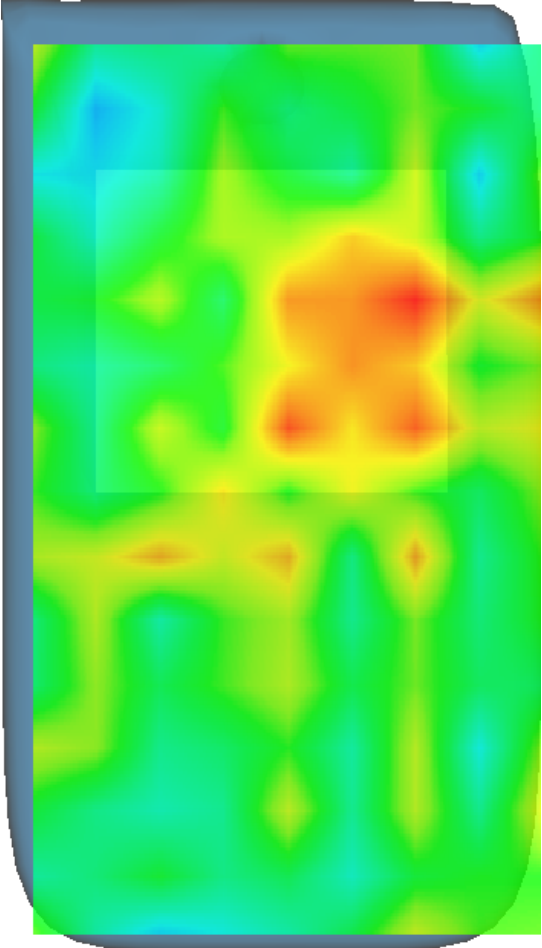
Frequency (MHz)	5600.000000
Relative permittivity (real part)	34.200000
Relative permittivity (imaginary part)	16.120115
Conductivity (S/m)	4.900712
Variation (%)	0.900002



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

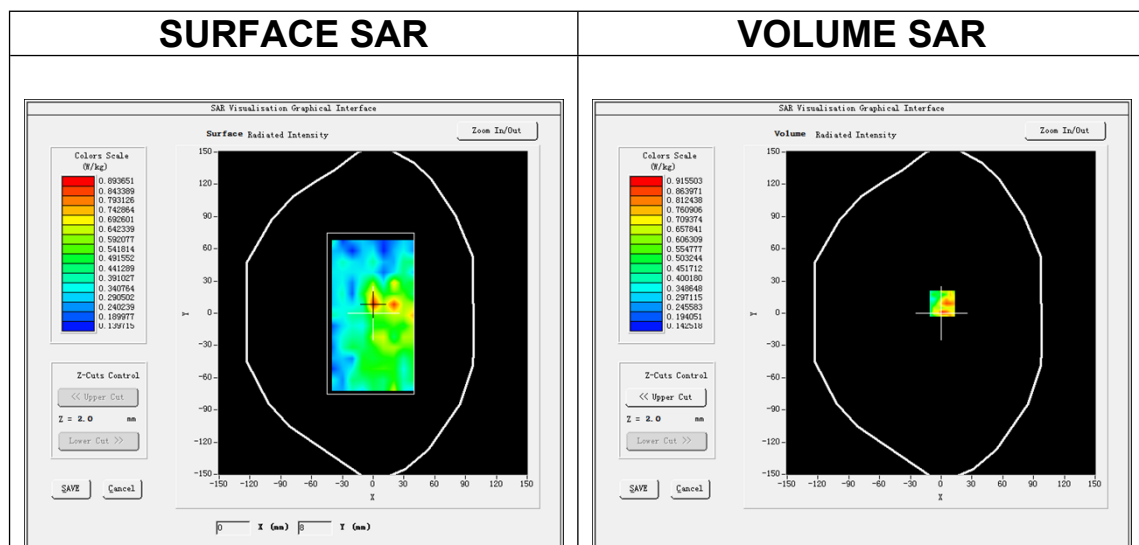
Date of measurement: 6/12/2024

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

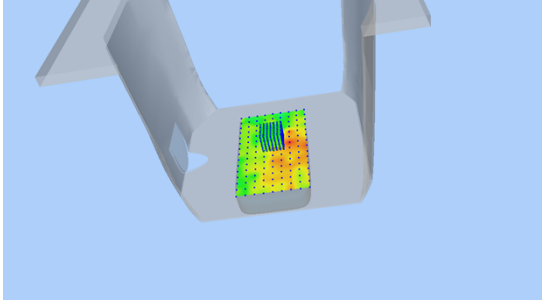
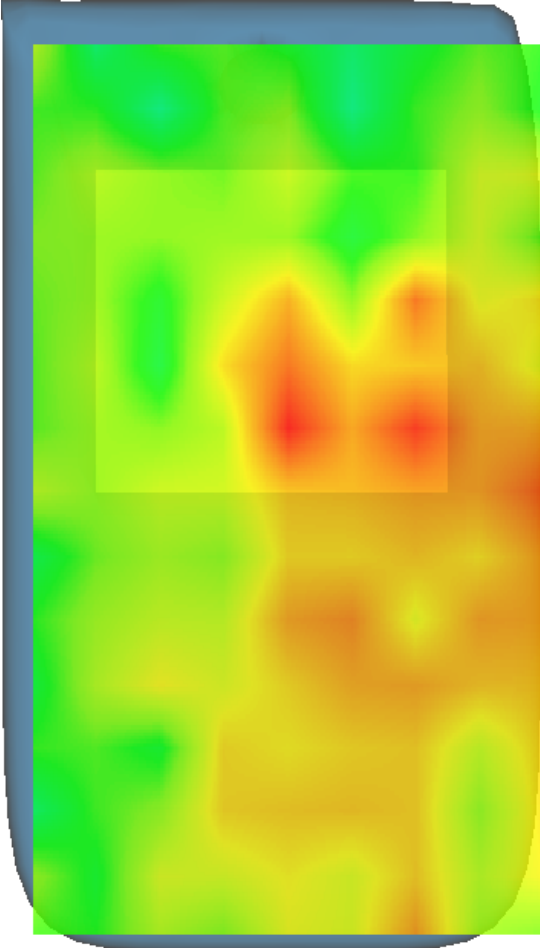
Frequency (MHz)	5745.000000
Relative permittivity (real part)	35.314999
Relative permittivity (imaginary part)	16.355499
Conductivity (S/m)	5.220130
Variation (%)	-0.210000



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

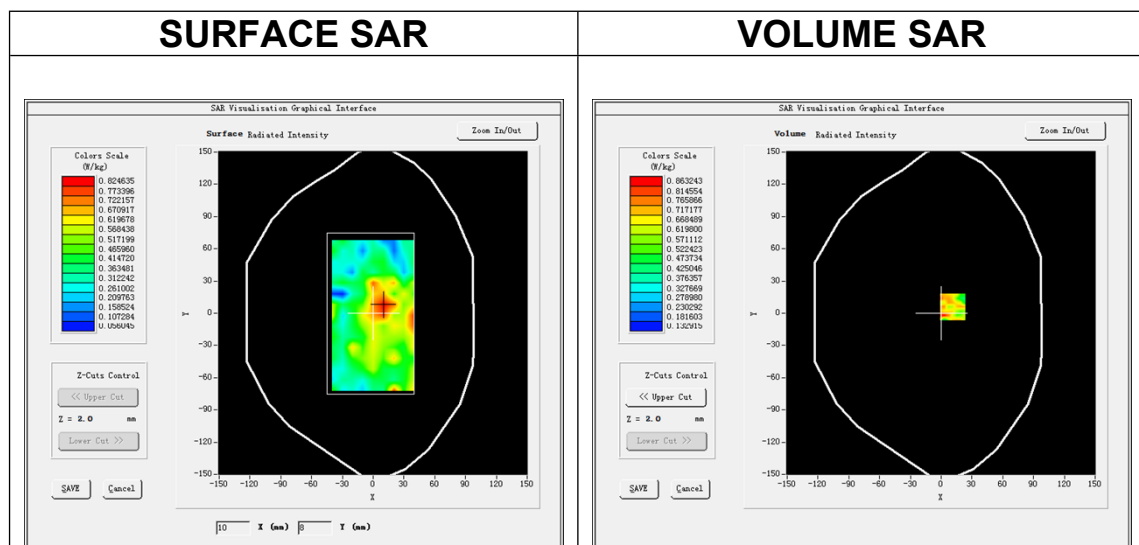
Date of measurement: 6/12/2024

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

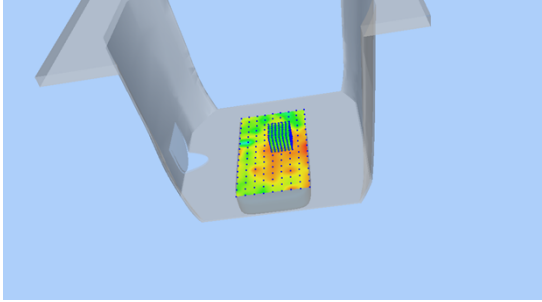
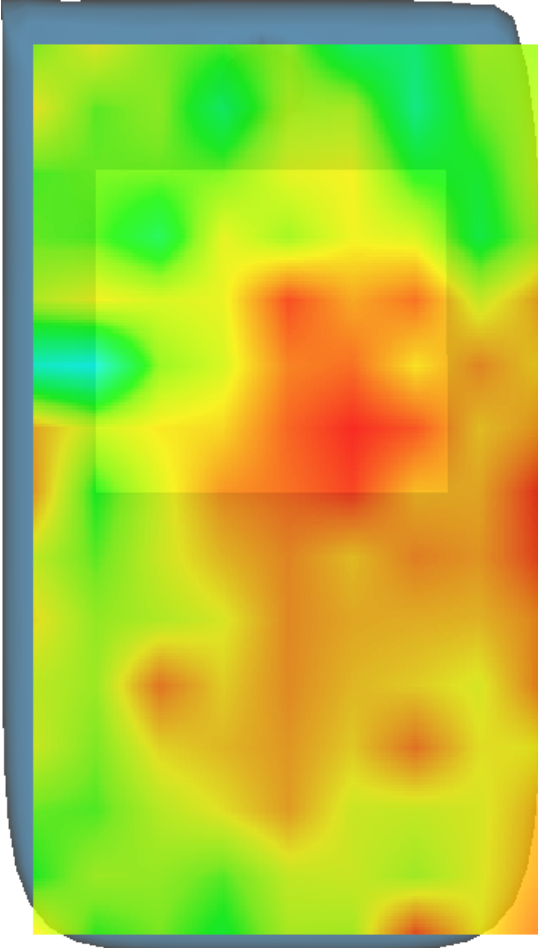
Frequency (MHz)	5745.000000
Relative permittivity (real part)	35.314999
Relative permittivity (imaginary part)	16.355499
Conductivity (S/m)	5.220130
Variation (%)	1.680000



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

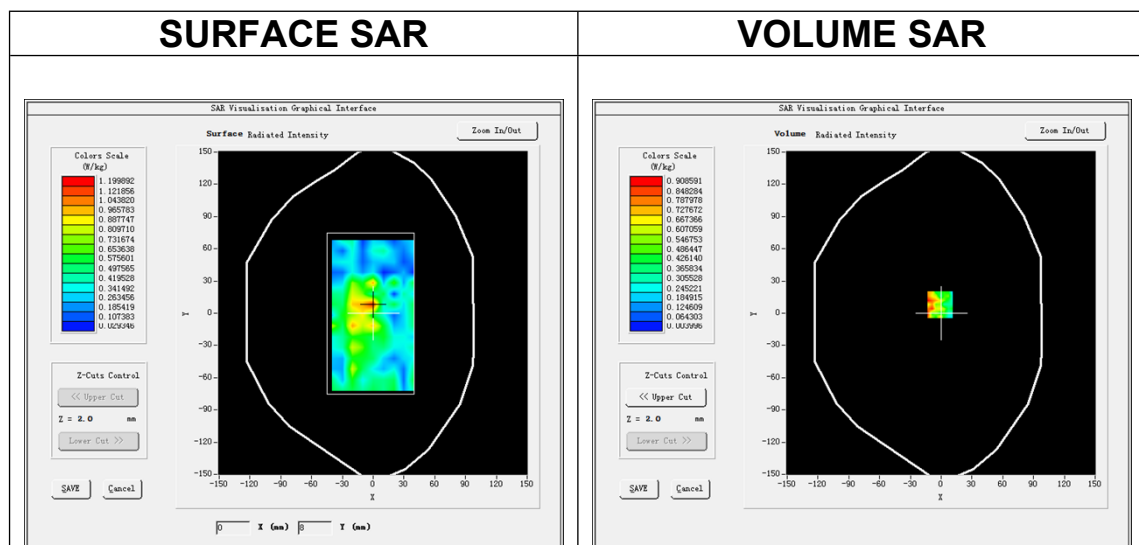
Date of measurement: 6/12/2024

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

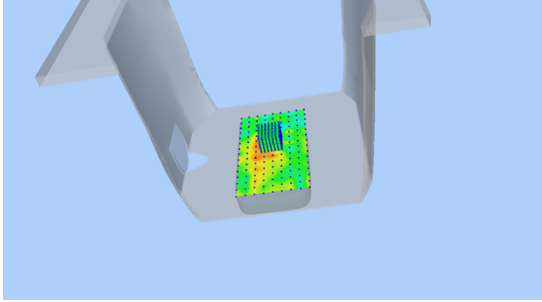
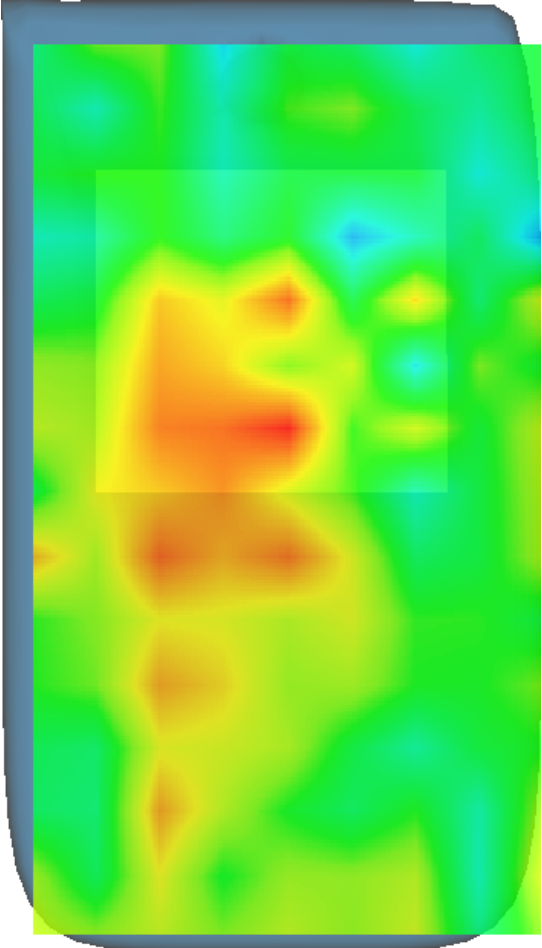
Frequency (MHz)	5745.000000
Relative permittivity (real part)	35.314999
Relative permittivity (imaginary part)	16.355499
Conductivity (S/m)	5.220130
Variation (%)	4.400000



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

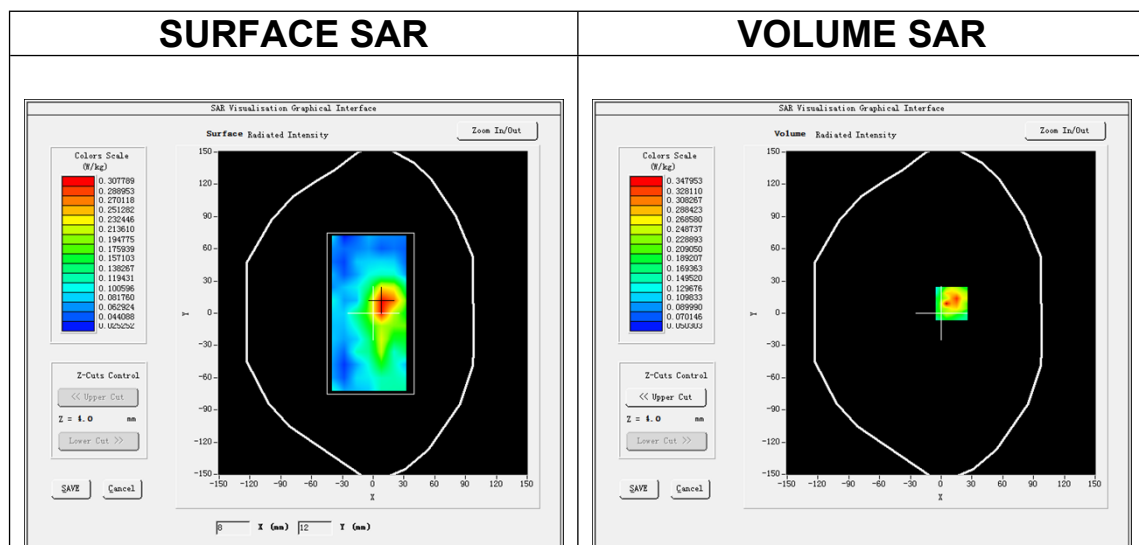
Date of measurement: 2/12/2024

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

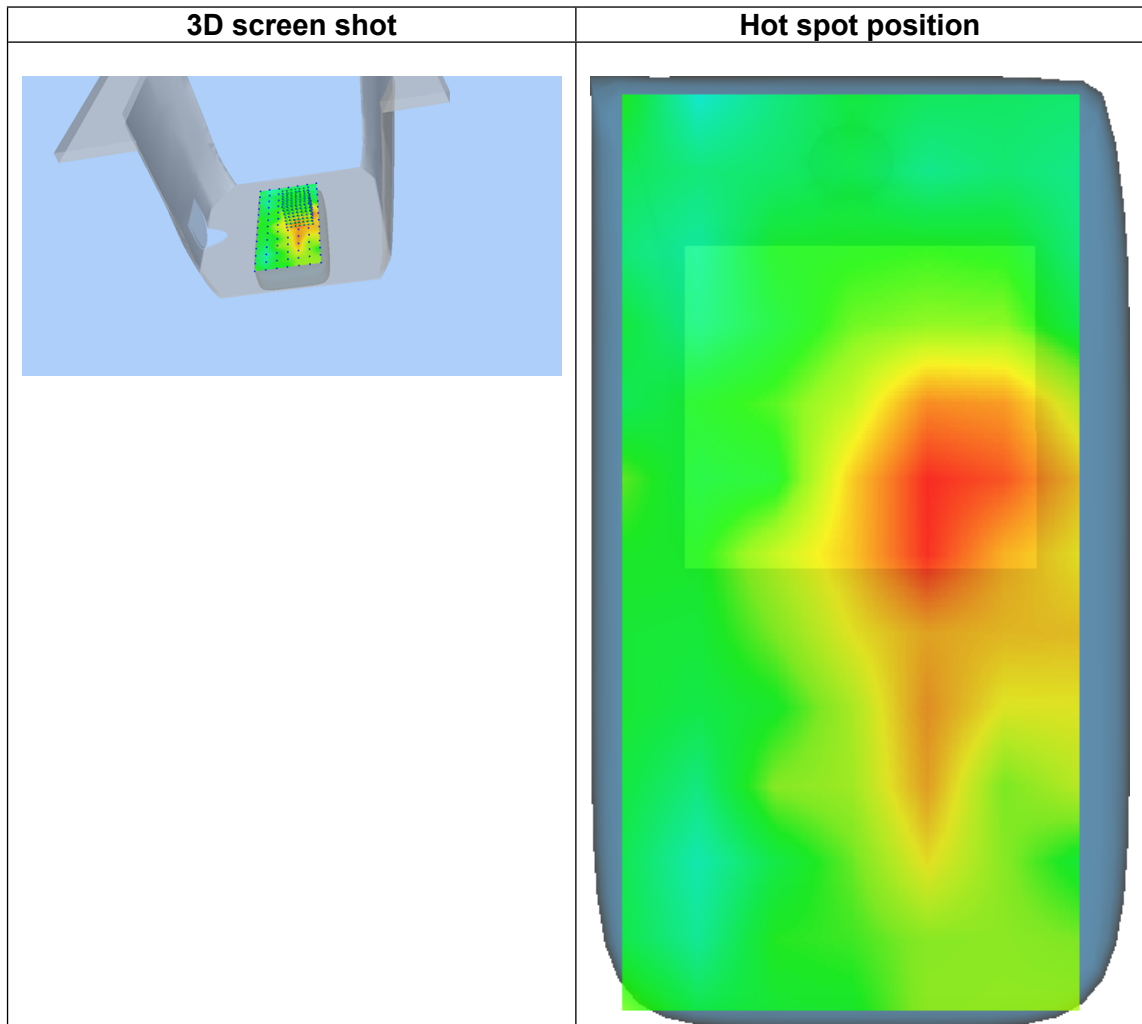
Frequency (MHz)	2462.000000
Relative permittivity (real part)	39.226002
Relative permittivity (imaginary part)	13.207000
Conductivity (S/m)	1.806424
Variation (%)	-4.090000



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

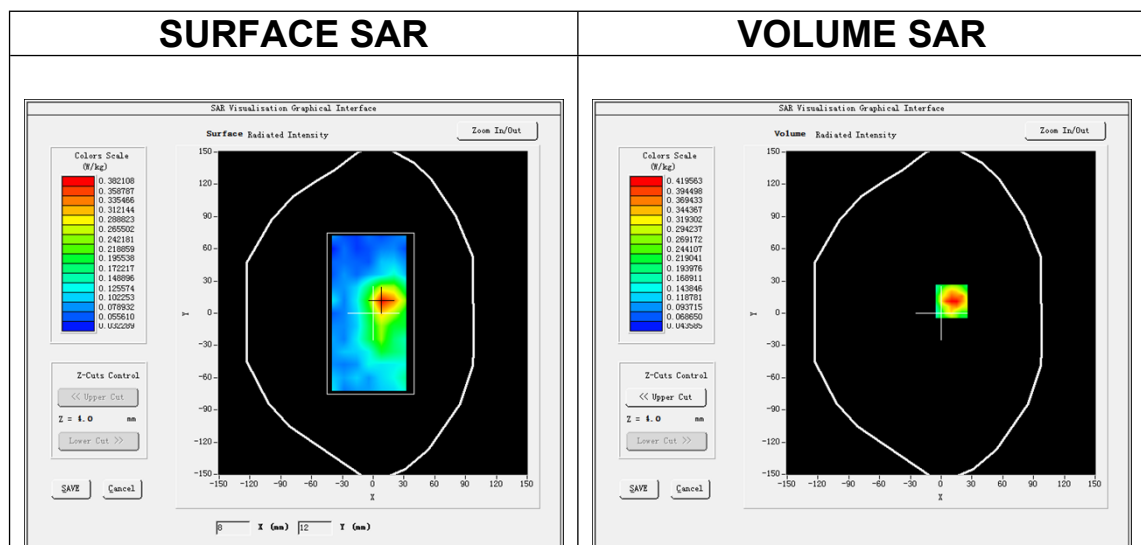
Date of measurement: 2/12/2024

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

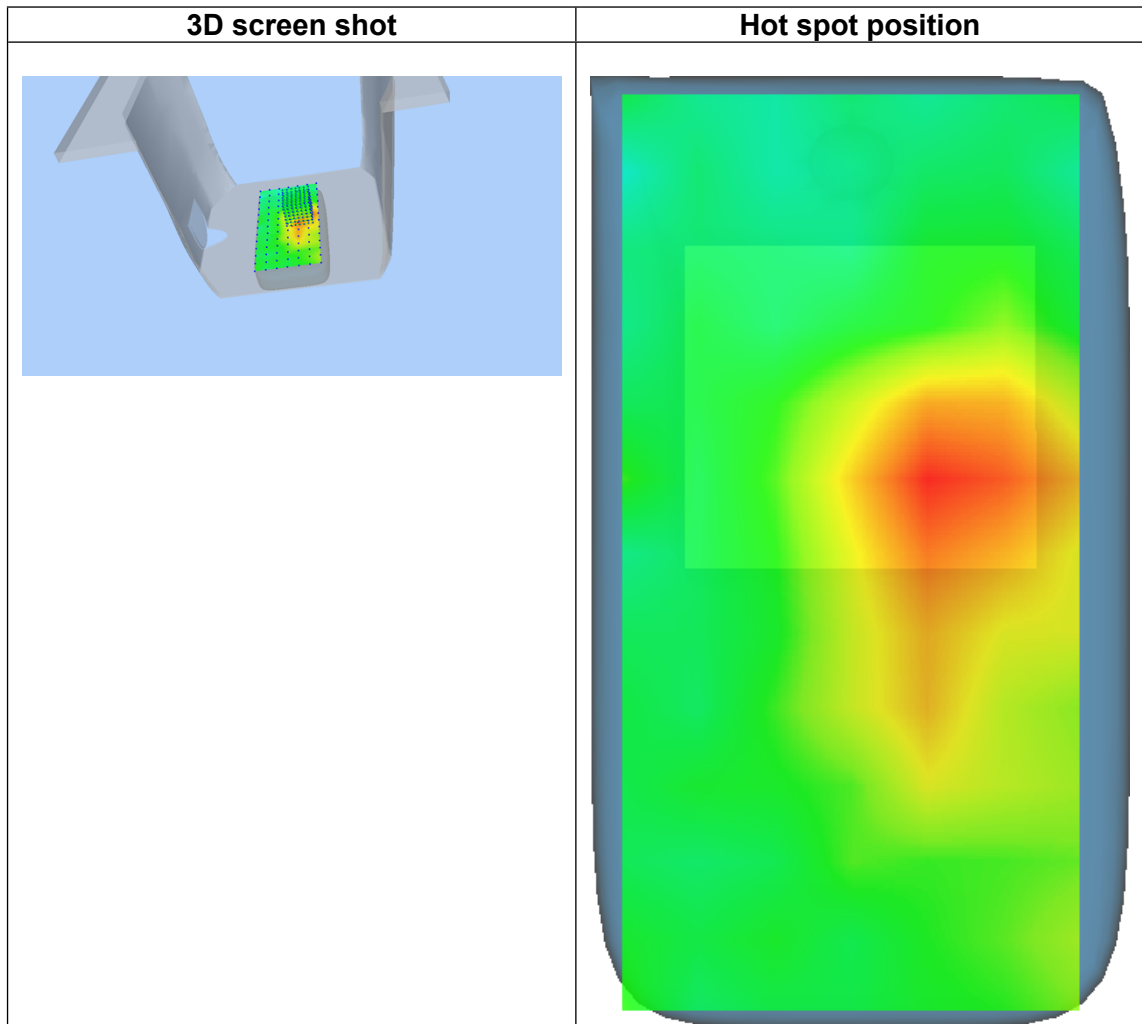
Frequency (MHz)	2412.000000
Relative permittivity (real part)	39.224001
Relative permittivity (imaginary part)	13.205800
Conductivity (S/m)	1.788081
Variation (%)	2.070000



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

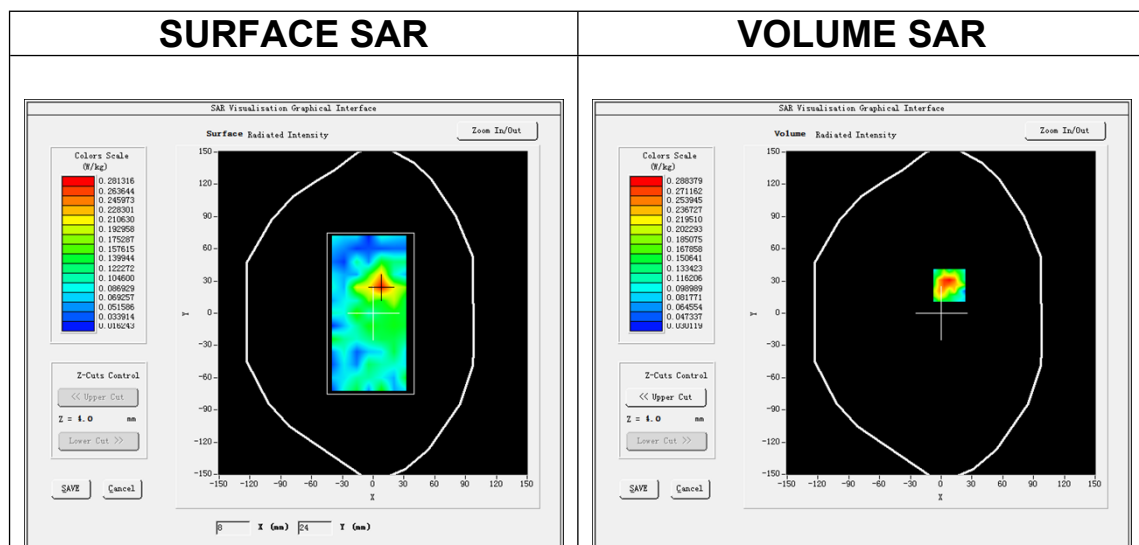
Date of measurement: 2/12/2024

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

