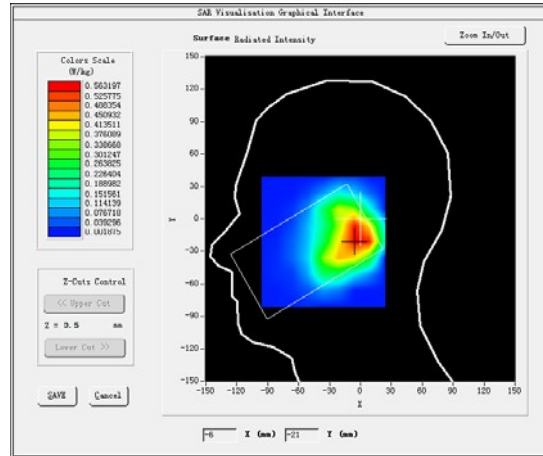
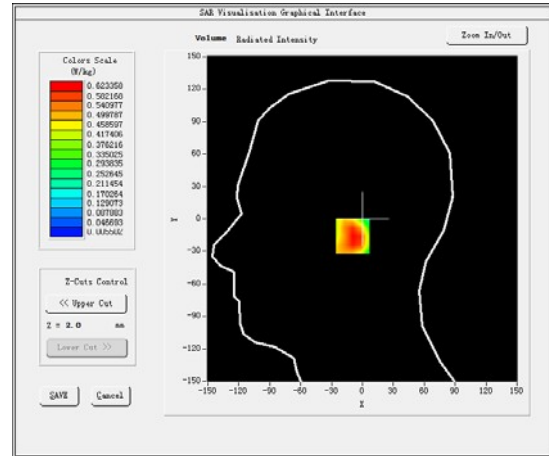


SURFACE SAR



VOLUME SAR

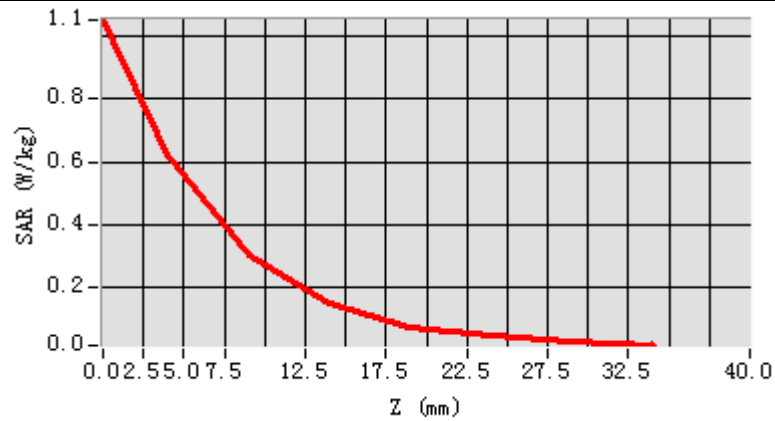


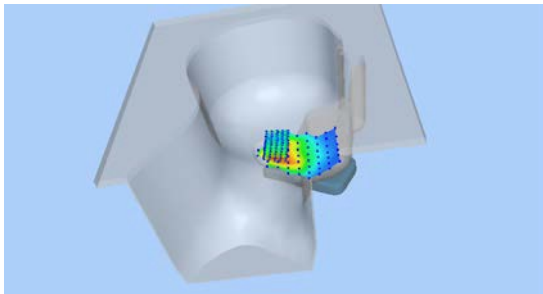
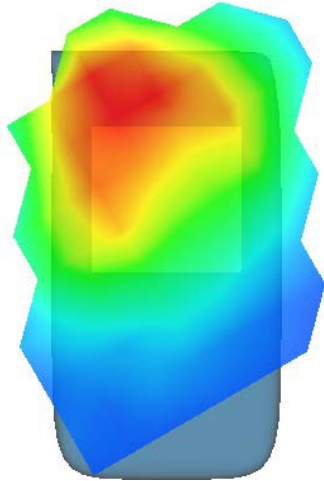
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.110367
SAR1g (W/Kg)	0.242159

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 44

Towards-ground-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

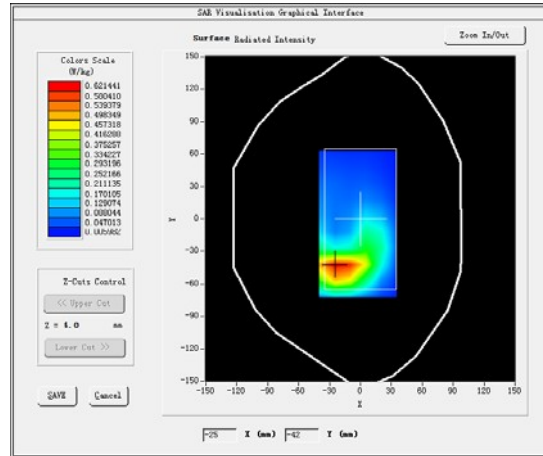
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N5</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

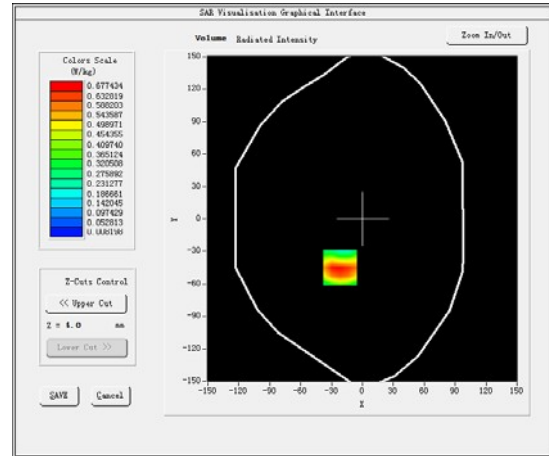
Middle Band SAR (Channel 166300):

Frequency (MHz)	831.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-3.250000

SURFACE SAR



VOLUME SAR

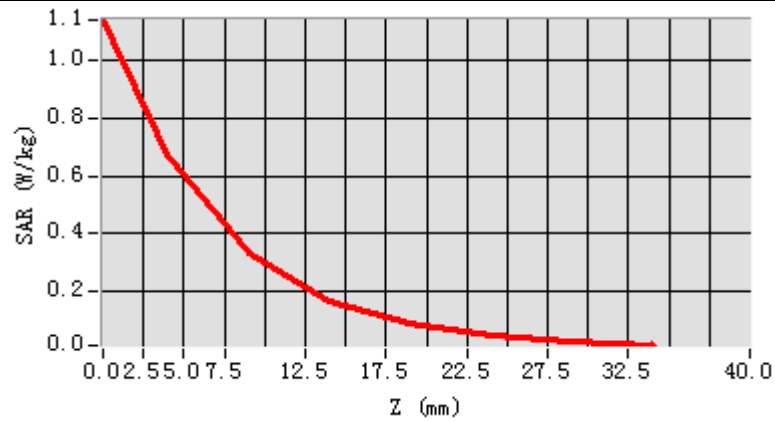


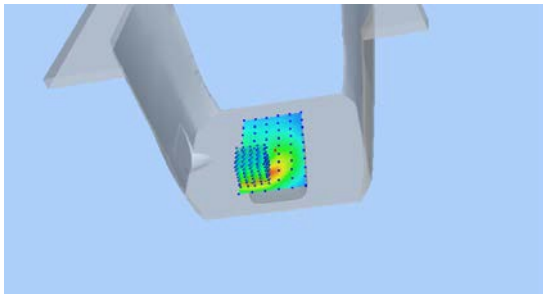
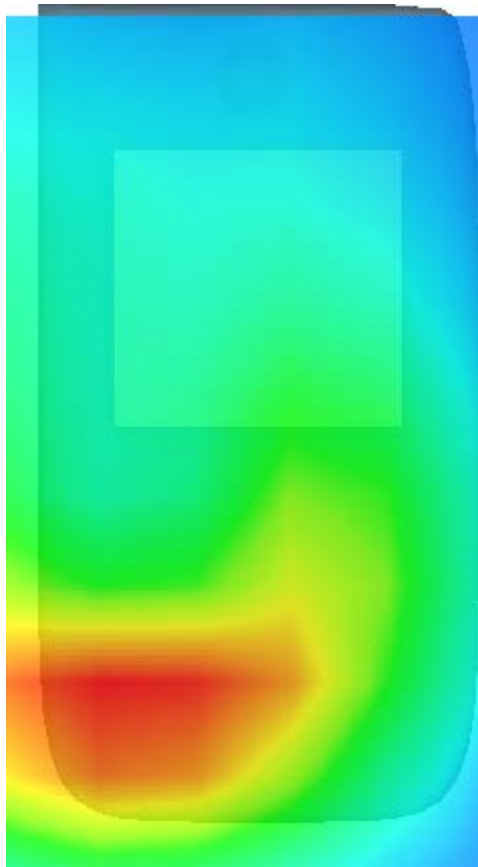
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.026300
SAR1g (W/Kg)	0.040326

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 45

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

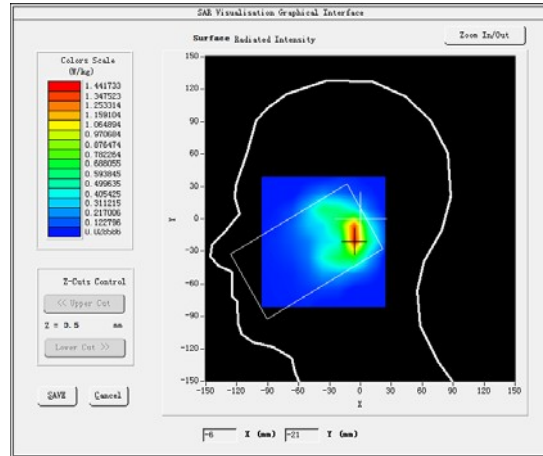
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

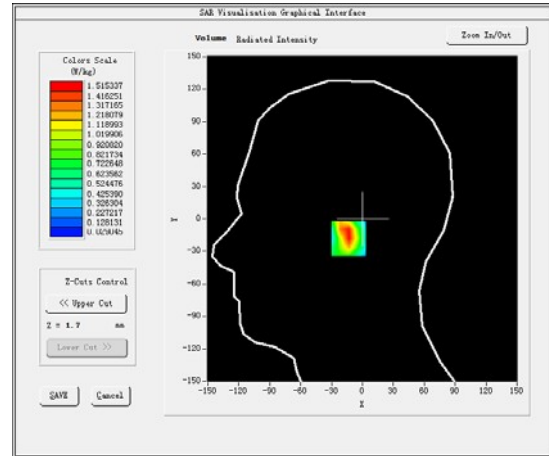
Middle Band SAR (Channel 513500):

Frequency (MHz)	2565.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	0.000000

SURFACE SAR



VOLUME SAR

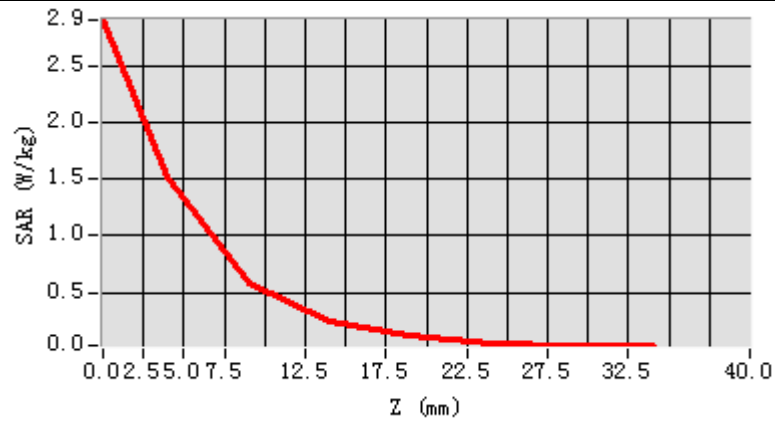


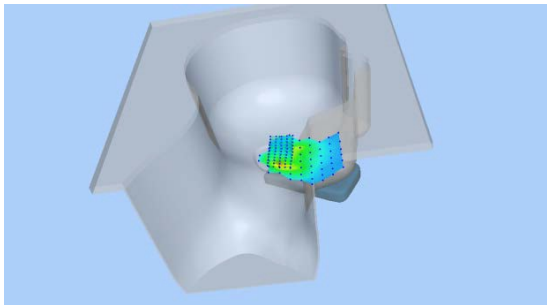
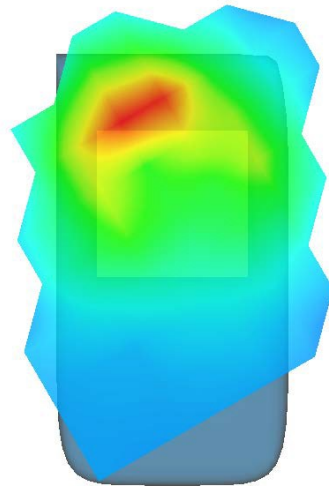
Maximum location: X=-5.00, Y=-18.00

SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)	0.170858
SAR1g (W/Kg)	0.449103

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.9055	1.5153	0.5882	0.2454	0.1164	0.0592	0.0423



3D screen shot	Hot spot position
	

MEASUREMENT 46

Towards-ground-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 8 minutes 52 seconds

A. Experimental conditions.

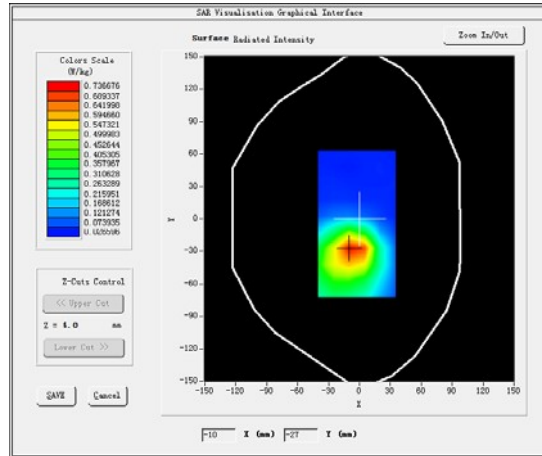
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

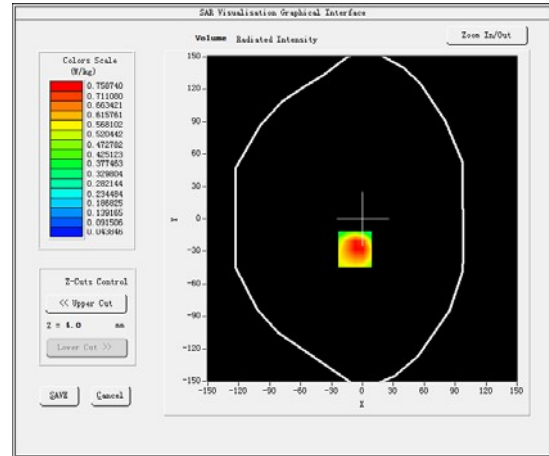
Middle Band SAR (Channel 513500):

Frequency (MHz)	2565.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-2.250000

SURFACE SAR



VOLUME SAR

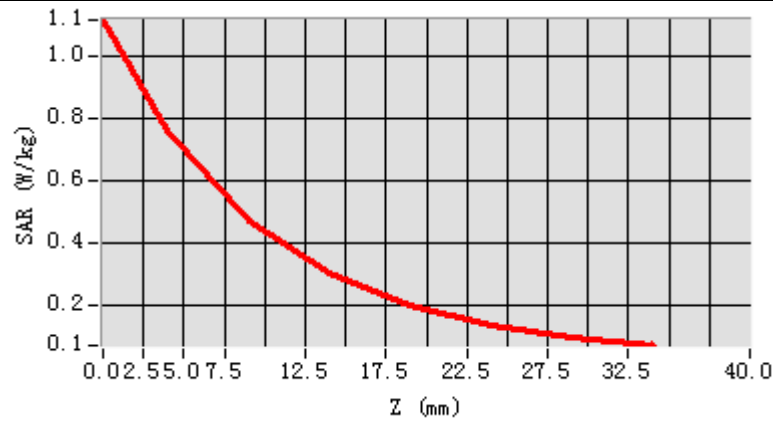


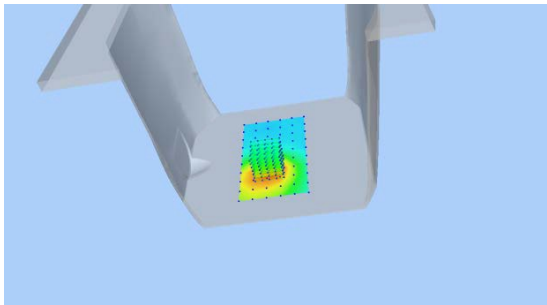
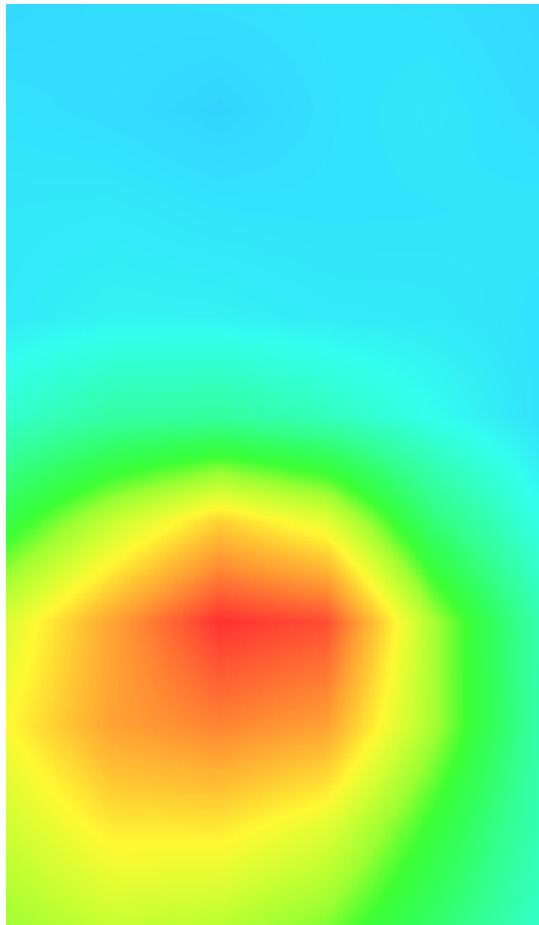
Maximum location: X=-7.00, Y=-28.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.105203
SAR1g (W/Kg)	0.126048

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1136	0.7587	0.4676	0.3034	0.1963	0.1334	0.0946



3D screen shot	Hot spot position
	

MEASUREMENT 47

10M-1RB#49

Type: Phone measurement (Complete)

Date of measurement: 07/10/2024

Measurement duration: 7 minutes 58 seconds

A. Experimental conditions.

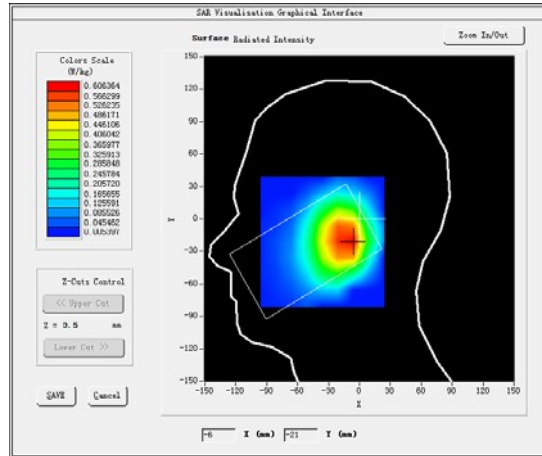
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N12</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

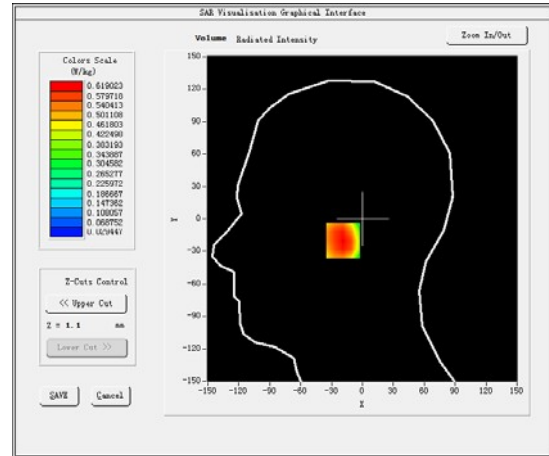
Middle Band SAR (Channel 141300):

Frequency (MHz)	706.500000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	-2.500000

SURFACE SAR



VOLUME SAR

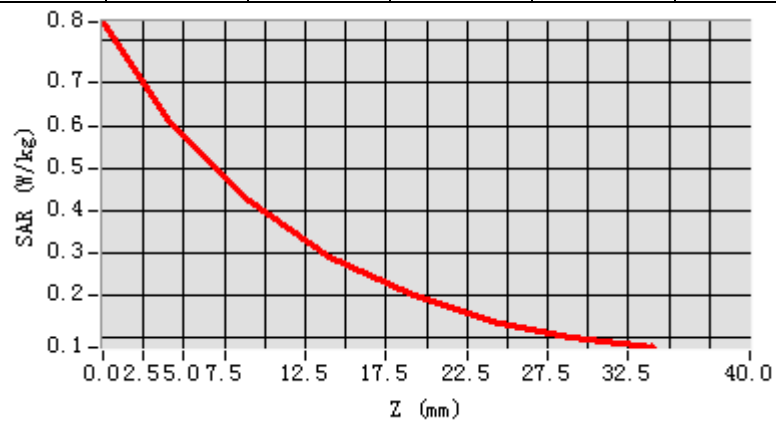


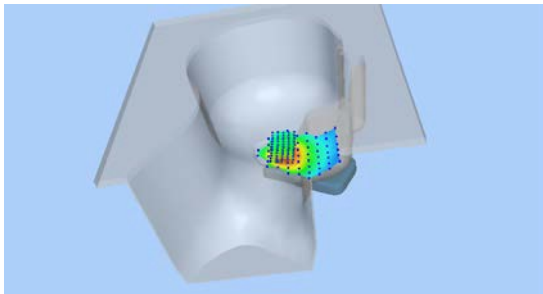
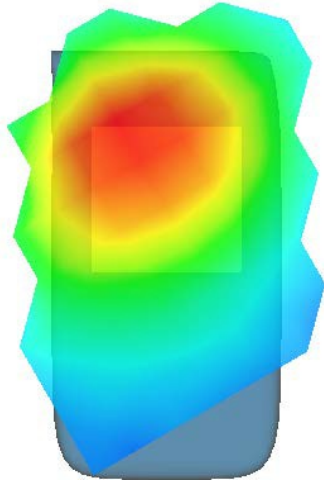
Maximum location: X = -11.00, Y = -20.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.284205
SAR1g (W/Kg)	0.676194

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8451	0.6190	0.4224	0.2886	0.2030	0.1356	0.0962



3D screen shot	Hot spot position
	

MEASUREMENT 48

Towards-ground-10M-1RB#49-middle

Type: Phone measurement (Complete)

Date of measurement: 07/10/2024

Measurement duration: 7 minutes 18 seconds

A. Experimental conditions.

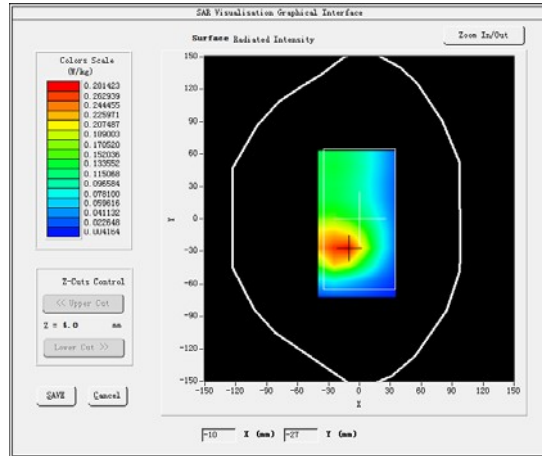
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N12</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

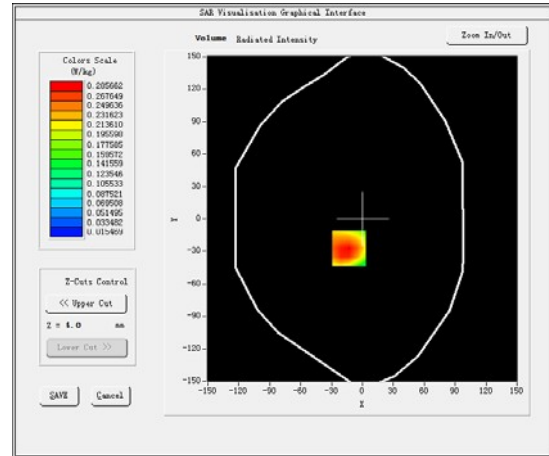
Middle Band SAR (Channel 141300):

Frequency (MHz)	706.500000
Relative permittivity (real part)	41.350601
Relative permittivity (imaginary part)	21.254601
Conductivity (S/m)	0.885608
Variation (%)	-4.750000

SURFACE SAR



VOLUME SAR

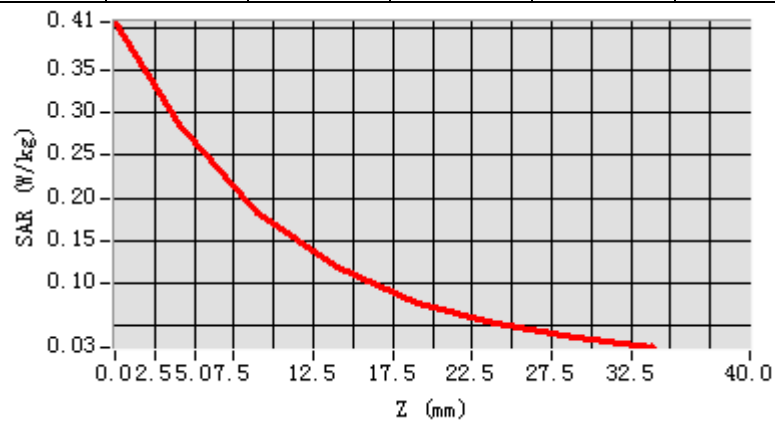


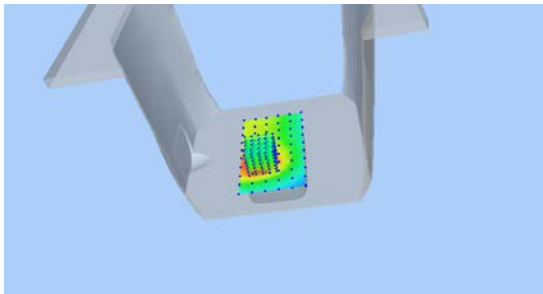
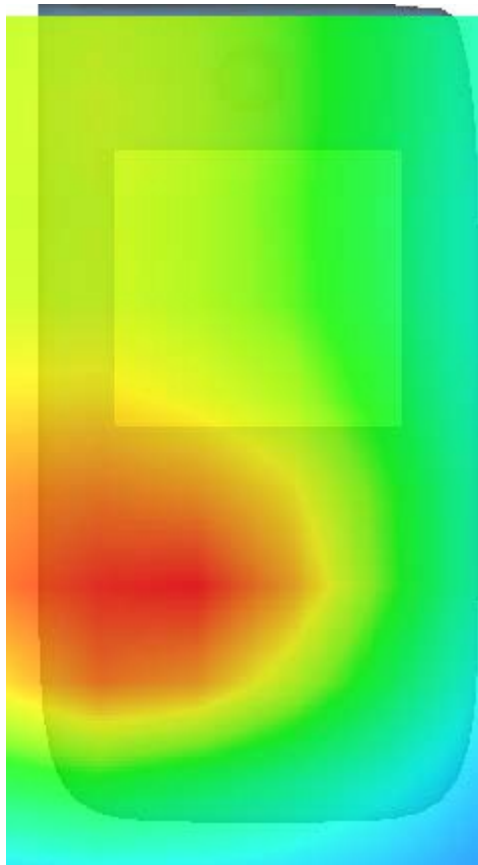
Maximum location: X = -13.00, Y = -27.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.037088
SAR1g (W/Kg)	0.054384

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4060	0.2857	0.1831	0.1185	0.0780	0.0529	0.0360



3D screen shot	Hot spot position
	

MEASUREMENT 49

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

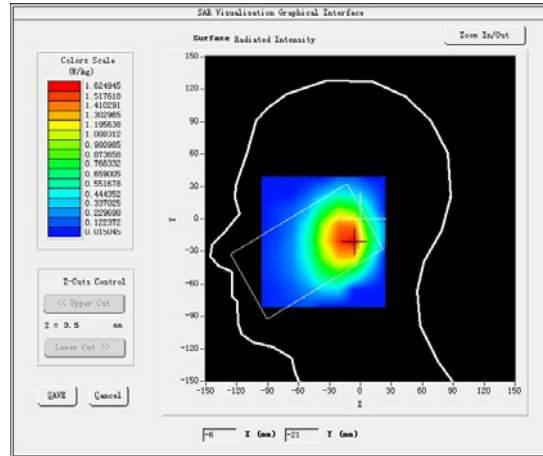
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

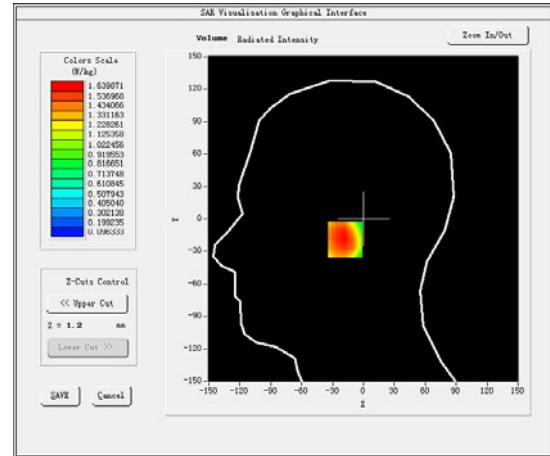
Middle Band SAR (Channel 523000):

Frequency (MHz)	2615.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.500000

SURFACE SAR



VOLUME SAR

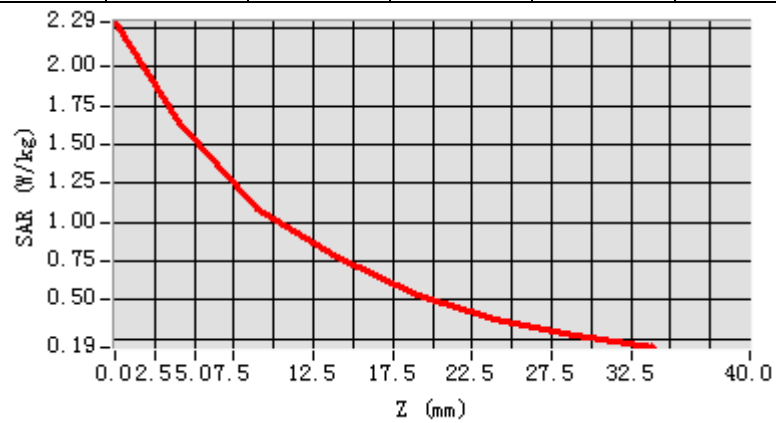


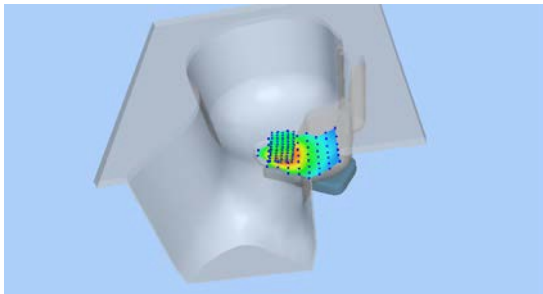
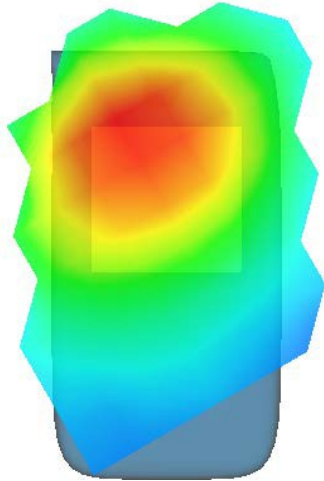
Maximum location: X = -10.00, Y = -19.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.111084
SAR1g (W/Kg)	0.278631

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2877	1.6399	1.0898	0.7705	0.5357	0.3749	0.2738



3D screen shot	Hot spot position
	

MEASUREMENT 50

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

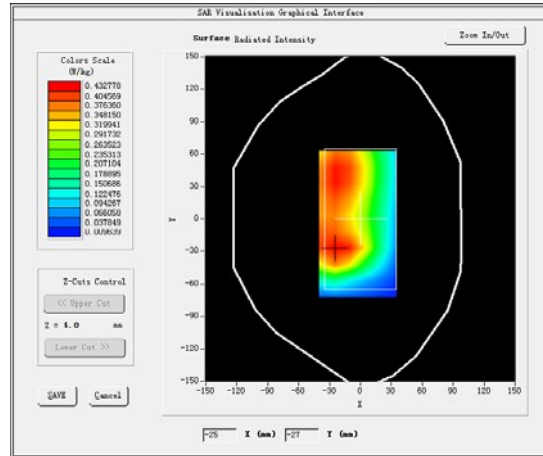
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA(Crest factor: 1:1.58)</u>

B. SAR Measurement Results

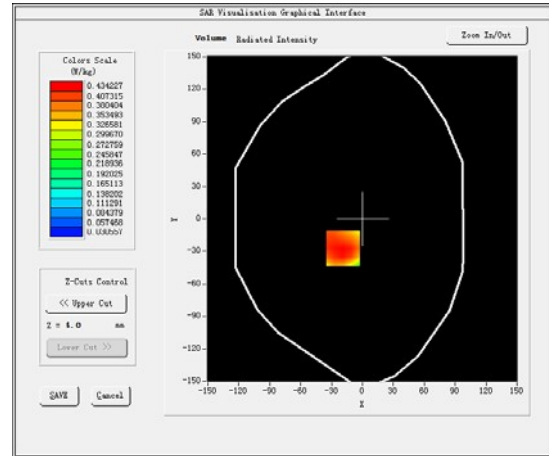
Middle Band SAR (Channel 523000):

Frequency (MHz)	2615.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	1.750000

SURFACE SAR



VOLUME SAR

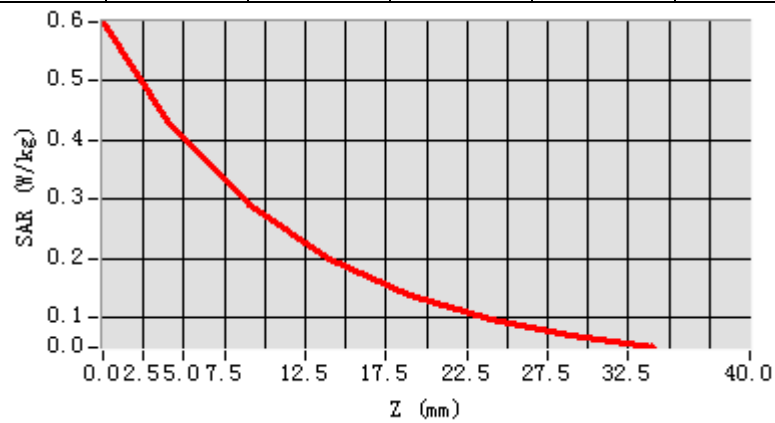


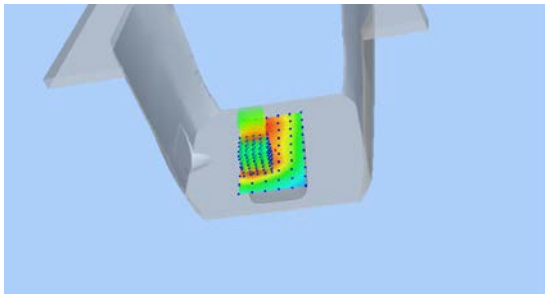
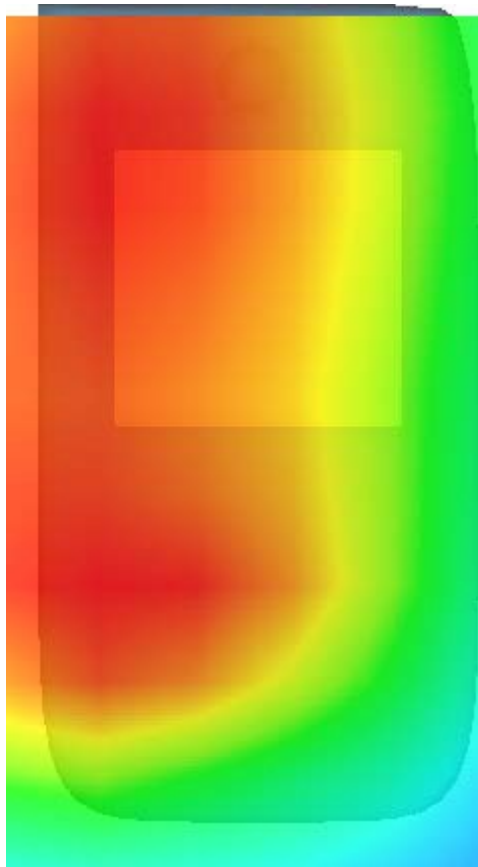
Maximum location: X=-19.00, Y=-27.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.038066
SAR1g (W/Kg)	0.086603

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5994	0.4342	0.2910	0.1982	0.1379	0.0964	0.0688



3D screen shot	Hot spot position
	

MEASUREMENT 51

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

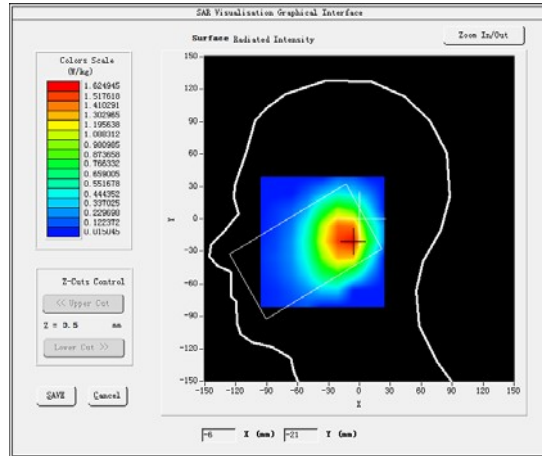
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

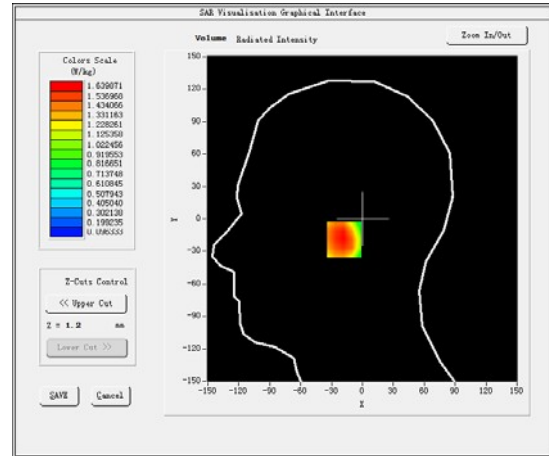
Middle Band SAR (Channel 528000):

Frequency (MHz)	2640.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.500000

SURFACE SAR



VOLUME SAR

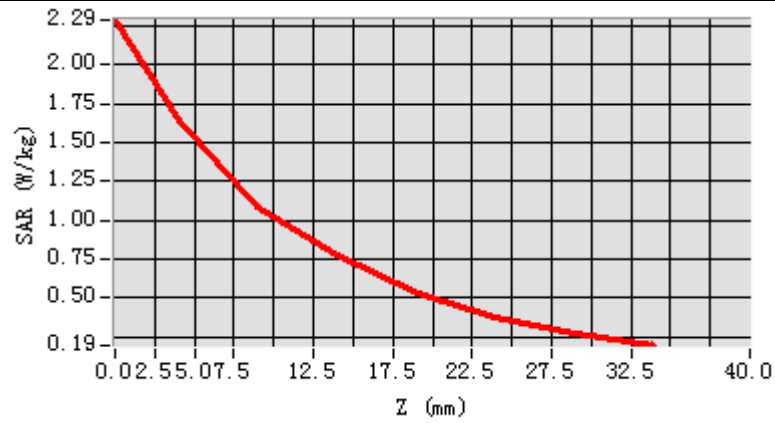


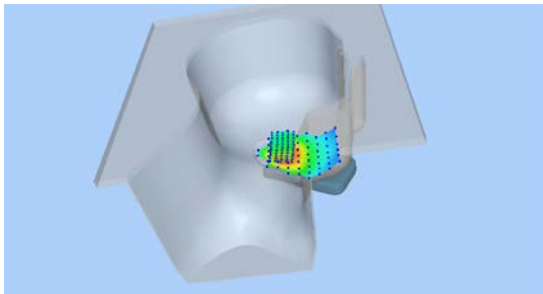
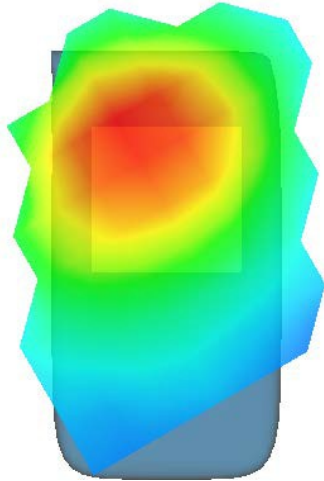
Maximum location: X = -10.00, Y = -19.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.302158
SAR1g (W/Kg)	0.734055

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2877	1.6399	1.0898	0.7705	0.5357	0.3749	0.2738



3D screen shot	Hot spot position
	

MEASUREMENT 52

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

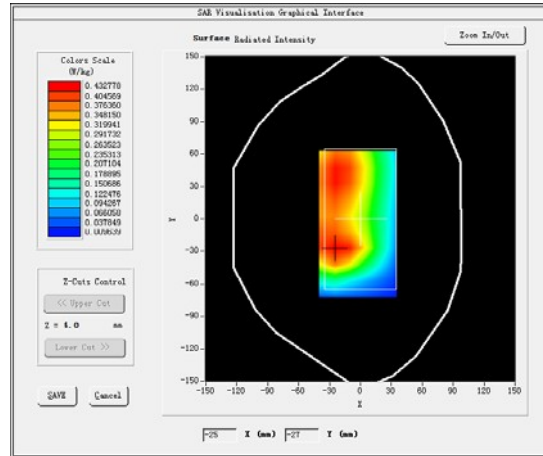
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1:1.58)</u>

B. SAR Measurement Results

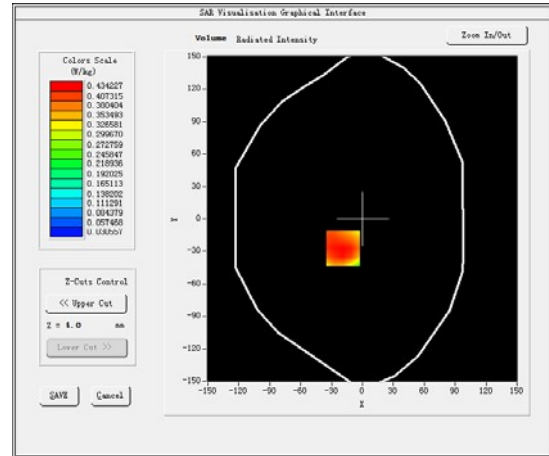
Middle Band SAR (Channel 528000):

Frequency (MHz)	2640.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.250000

SURFACE SAR



VOLUME SAR

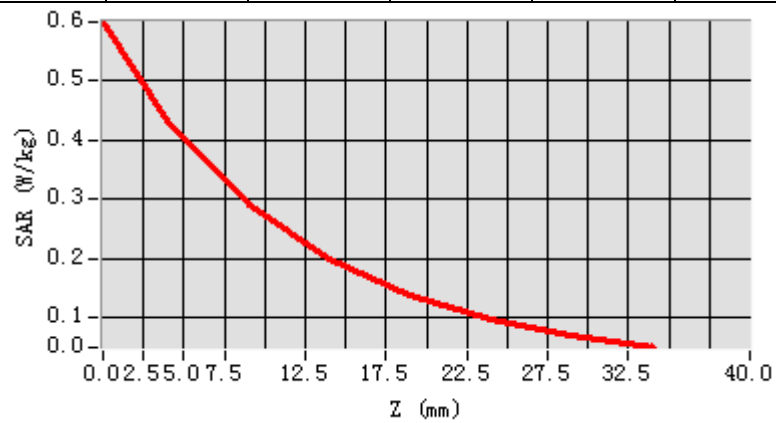


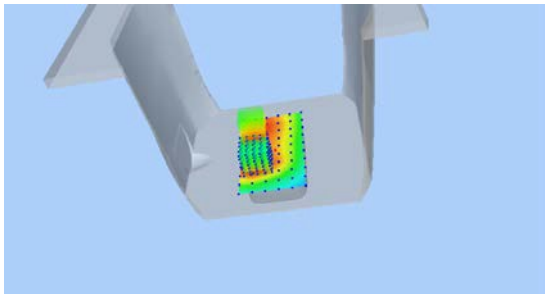
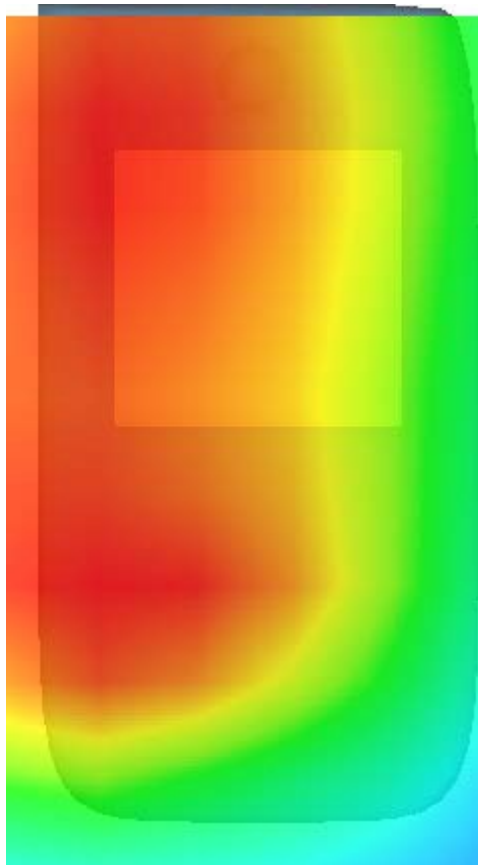
Maximum location: X = -19.00, Y = -27.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.098203
SAR1g (W/Kg)	0.219037

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5994	0.4342	0.2910	0.1982	0.1379	0.0964	0.0688



3D screen shot	Hot spot position
	

MEASUREMENT 53

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

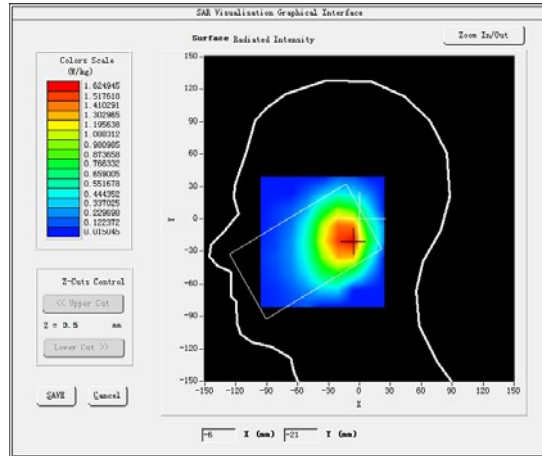
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

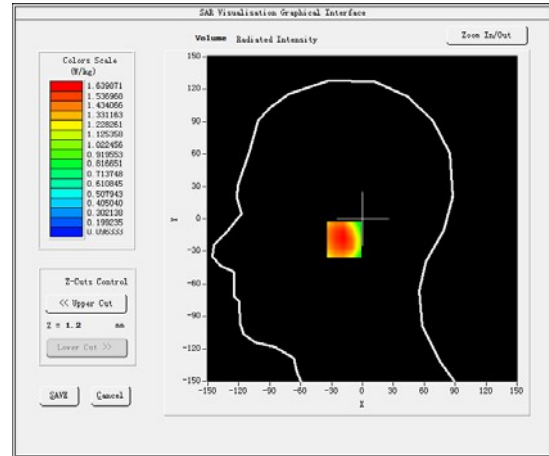
Middle Band SAR (Channel 343000):

Frequency (MHz)	1715.000000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-2.250000

SURFACE SAR



VOLUME SAR

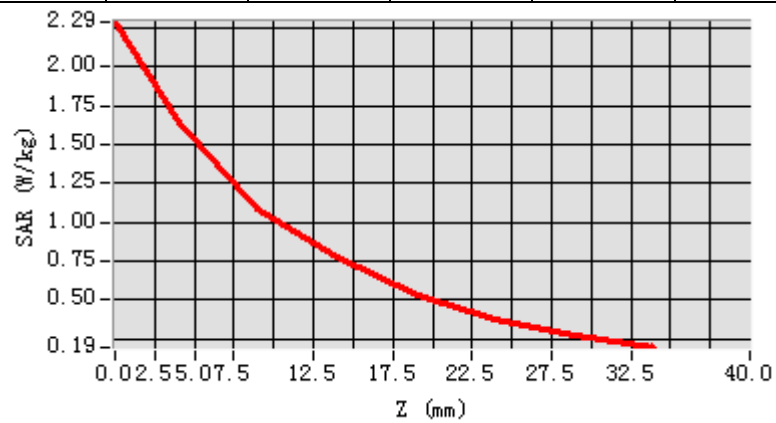


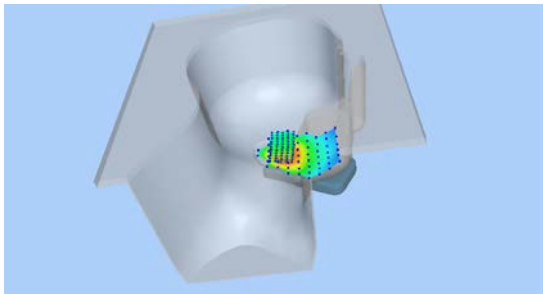
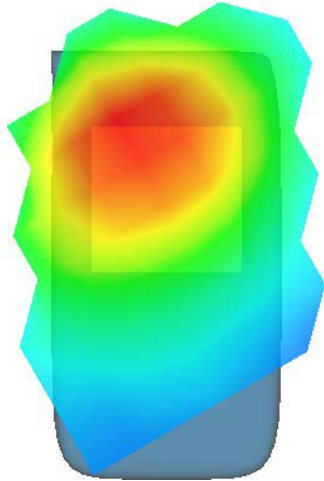
Maximum location: X = -10.00, Y = -19.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.120843
SAR1g (W/Kg)	0.426595

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2877	1.6399	1.0898	0.7705	0.5357	0.3749	0.2738



3D screen shot	Hot spot position
	

MEASUREMENT 54

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 12 minutes 11
seconds

A. Experimental conditions.

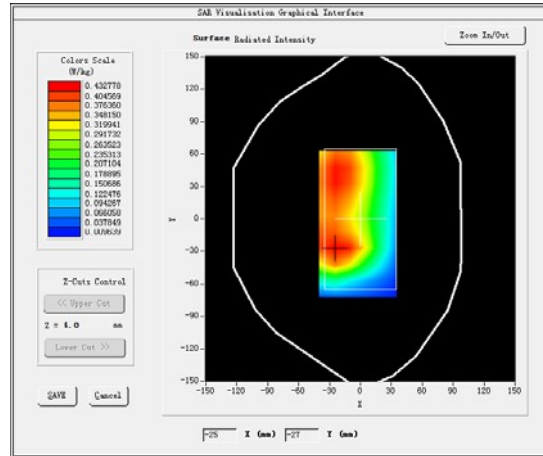
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

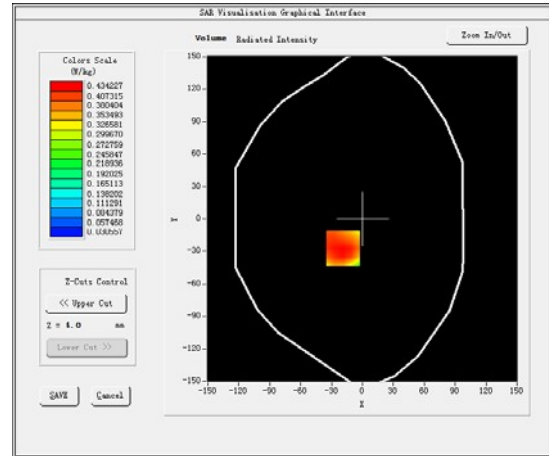
Middle Band SAR (Channel 343000):

Frequency (MHz)	1715.000000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-0.060000

SURFACE SAR



VOLUME SAR

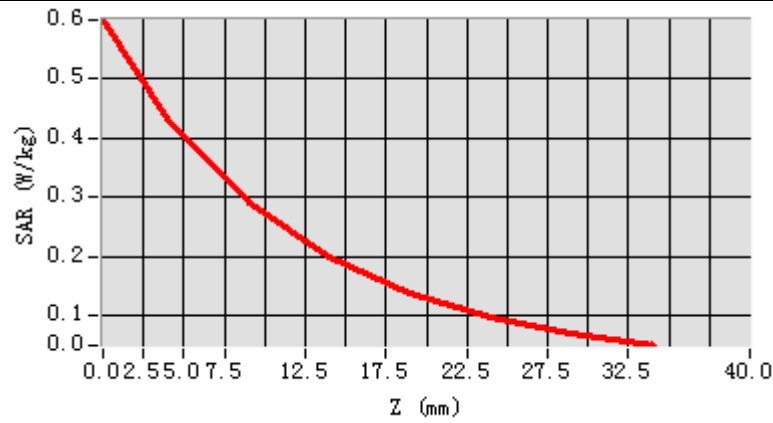


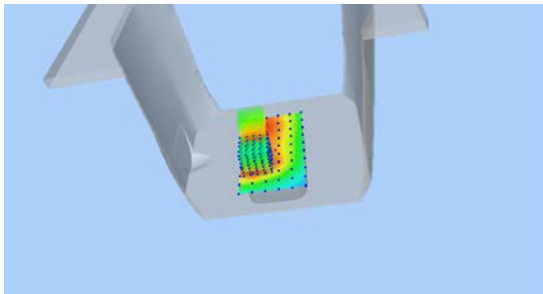
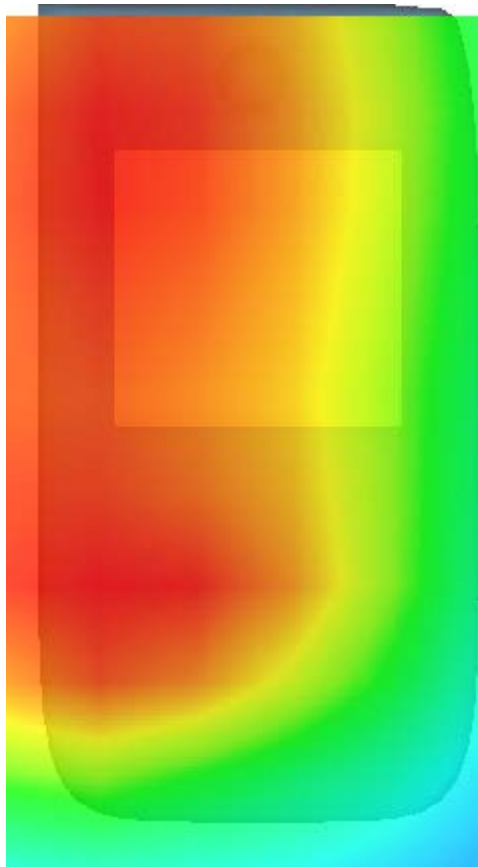
Maximum location: X = -19.00, Y = -27.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.033821
SAR1g (W/Kg)	0.060182

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5994	0.4342	0.2910	0.1982	0.1379	0.0964	0.0688



3D screen shot	Hot spot position
	

MEASUREMENT 55

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement: 04/11/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

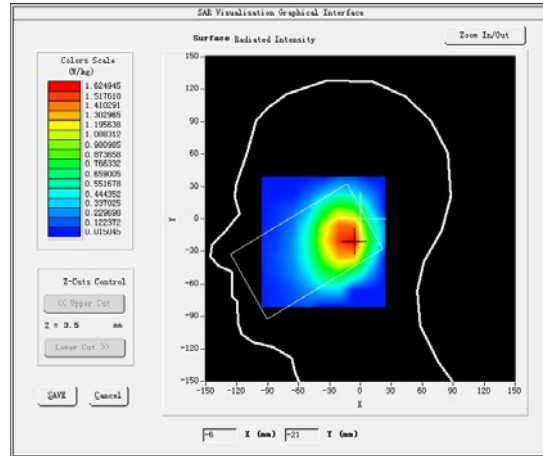
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Lift head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA(Crest factor: 1.0)</u>

B. SAR Measurement Results

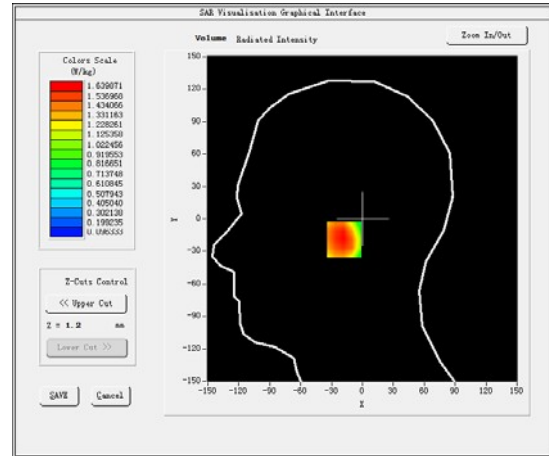
Middle Band SAR (Channel 631668)

Frequency (MHz)	3475.000000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-0.750000

SURFACE SAR



VOLUME SAR

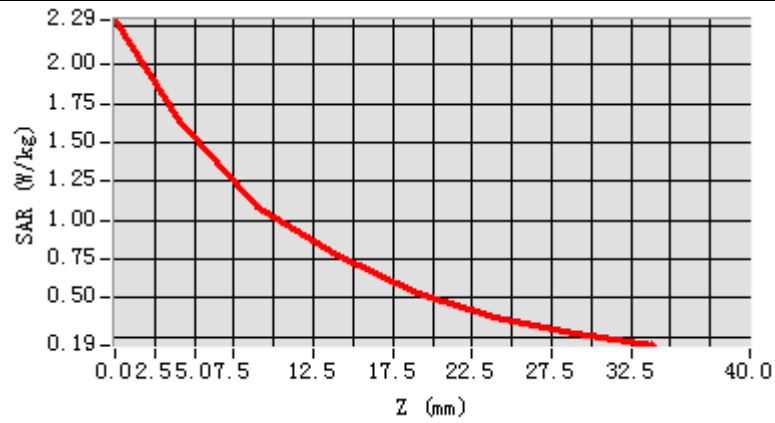


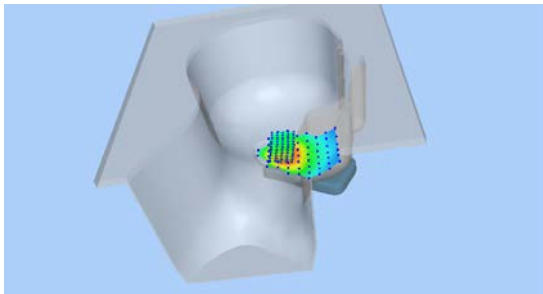
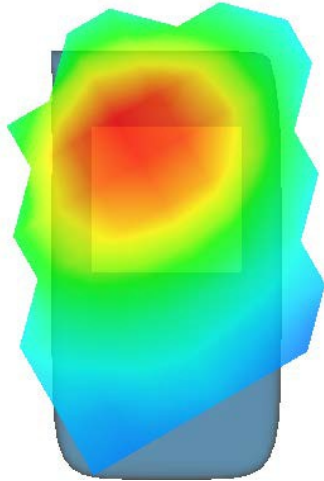
Maximum location: X = -10.00, Y = -19.00

SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)	0.301854
SAR1g (W/Kg)	0.853662

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2877	1.6399	1.0898	0.7705	0.5357	0.3749	0.2738



3D screen shot	Hot spot position
	

MEASUREMENT 56

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 04/11/2024

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

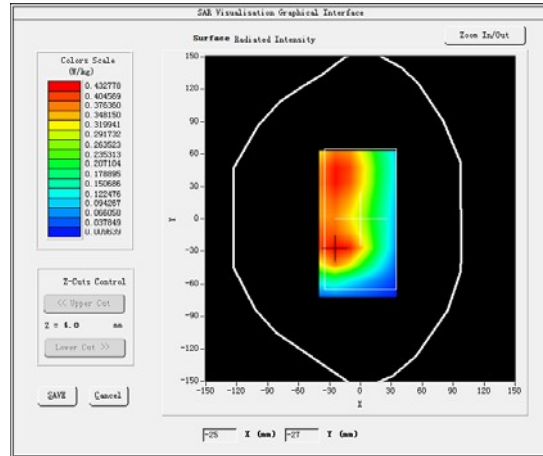
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

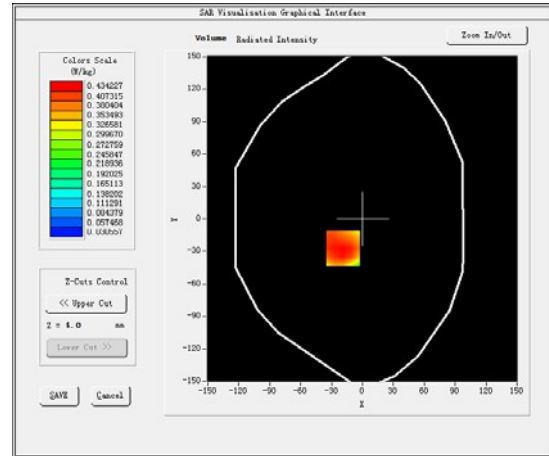
Middle Band SAR (Channel 631668):

Frequency (MHz)	3475.000000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-3.500000

SURFACE SAR



VOLUME SAR

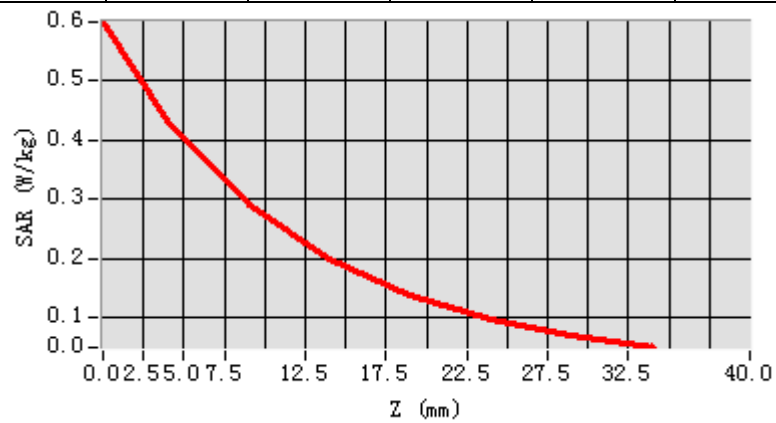


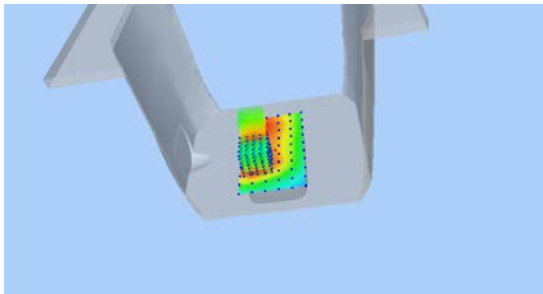
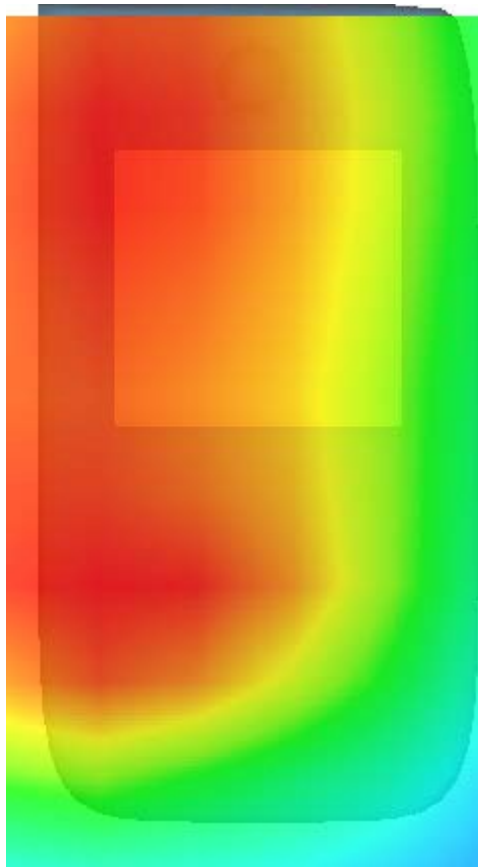
Maximum location: X = -19.00, Y = -27.00

SAR Peak: 0.49 W/kg

SAR 10g (W/Kg)	0.054239
SAR1g (W/Kg)	0.115024

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5994	0.4342	0.2910	0.1982	0.1379	0.0964	0.0688



3D screen shot	Hot spot position
	

MEASUREMENT 57

20M-1RB#50

Type: Phone measurement (Complete)

Date of measurement: 04/11/2024

Measurement duration: 7 minutes 53 seconds

A. Experimental conditions.

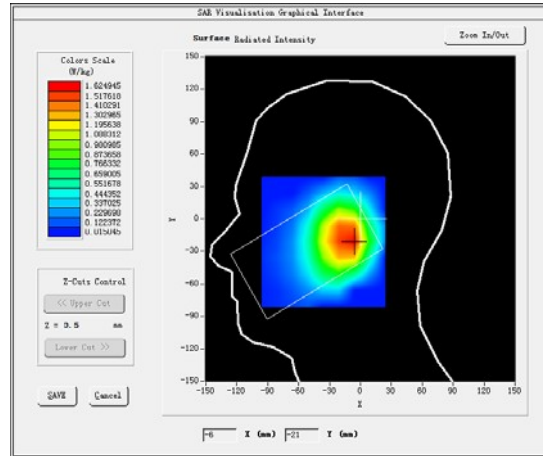
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Lift head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

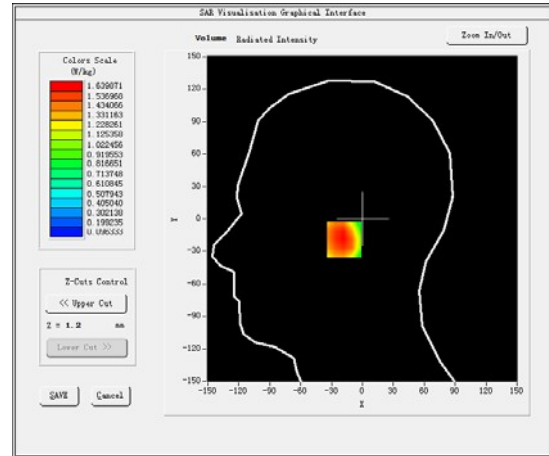
Middle Band SAR (Channel 633334):

Frequency (MHz)	3500.000000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-0.750000

SURFACE SAR



VOLUME SAR

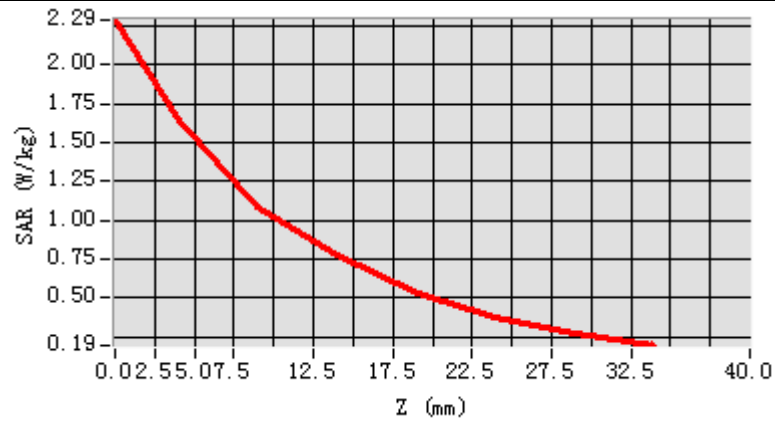


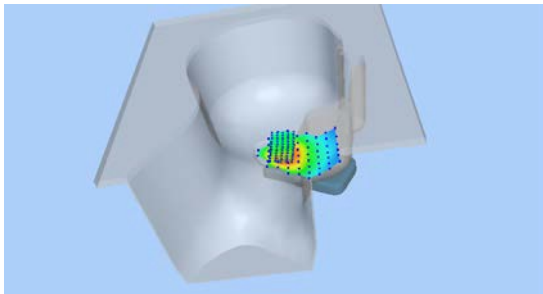
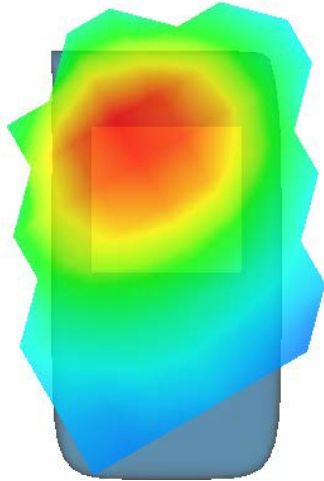
Maximum location: X = -10.00, Y = -19.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.278136
SAR1g (W/Kg)	0.780267

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.2877	1.6399	1.0898	0.7705	0.5357	0.3749	0.2738



3D screen shot	Hot spot position
	

MEASUREMENT 58

Towards-ground-20M-1RB#50-middle

Type: Phone measurement (Complete)

Date of measurement: 04/11/2024

Measurement duration: 12 minutes 11 seconds

A. Experimental conditions.

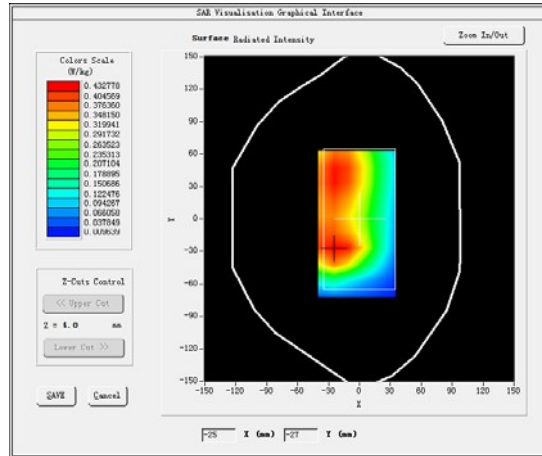
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>SA (Crest factor: 1.0)</u>

B. SAR Measurement Results

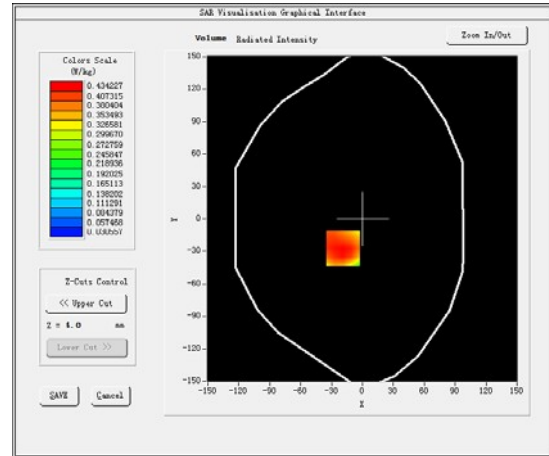
Middle Band SAR (Channel 633334):

Frequency (MHz)	3500.000000
Relative permittivity (real part)	38.202704
Relative permittivity (imaginary part)	14.242830
Conductivity (S/m)	2.943439
Variation (%)	-2.750000

SURFACE SAR



VOLUME SAR

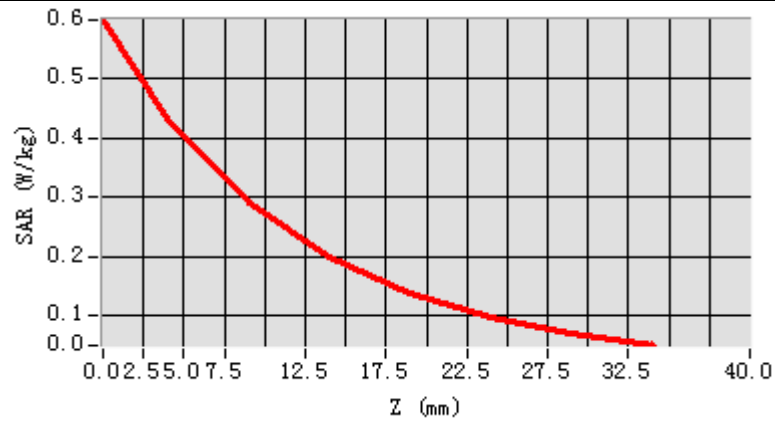


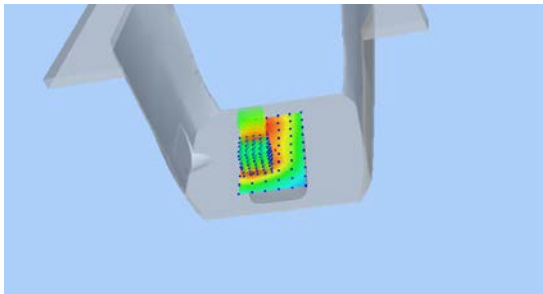
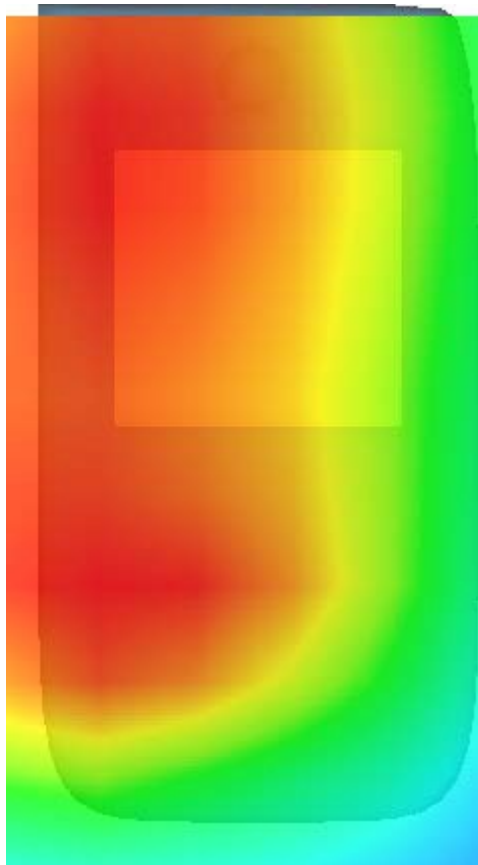
Maximum location: X = -19.00, Y = -27.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.064187
SAR1g (W/Kg)	0.134021

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5994	0.4342	0.2910	0.1982	0.1379	0.0964	0.0688



3D screen shot	Hot spot position
	

MEASUREMENT 59

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

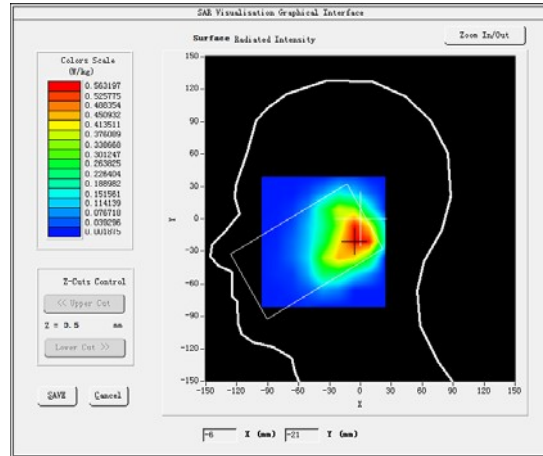
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>2-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

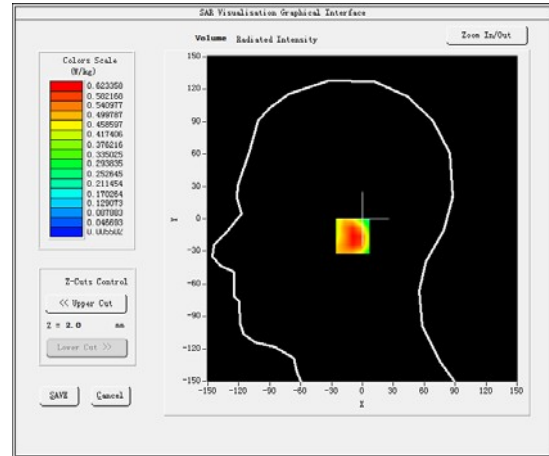
Middle Band SAR (Channel 18625):

Frequency (MHz)	1852.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	4.240000

SURFACE SAR



VOLUME SAR

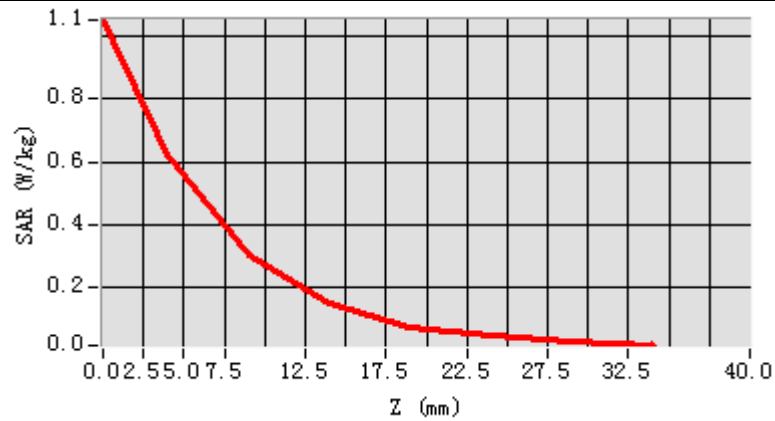


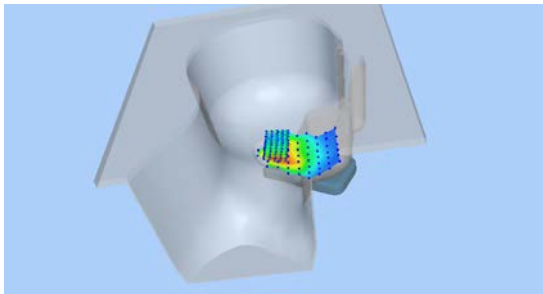
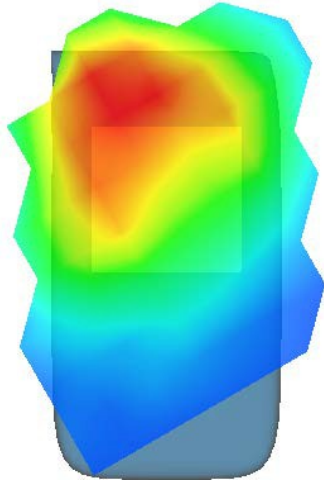
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 1.43 W/kg

SAR 10g (W/Kg)	0.072136
SAR1g (W/Kg)	0.170256

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 60

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

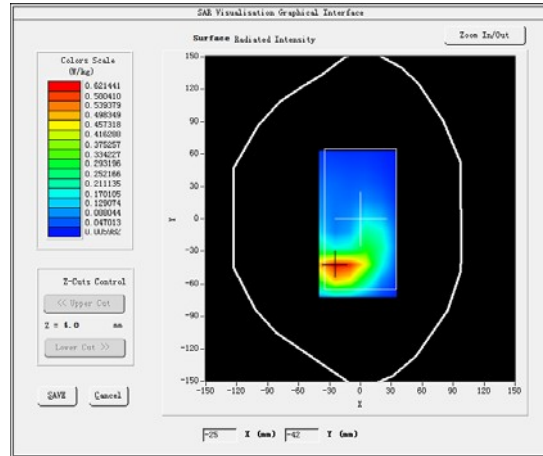
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>2-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

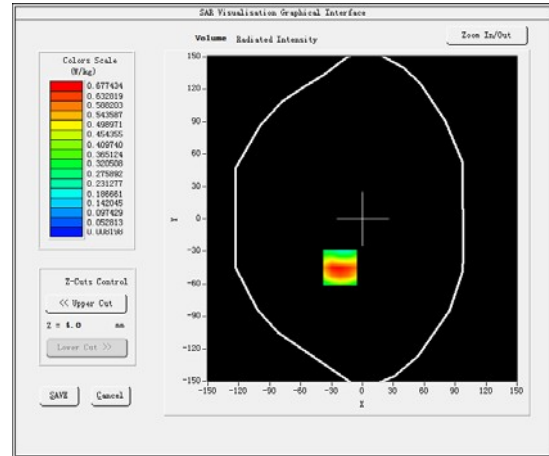
Middle Band SAR (Channel 18625):

Frequency (MHz)	1852.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-4.540000

SURFACE SAR



VOLUME SAR

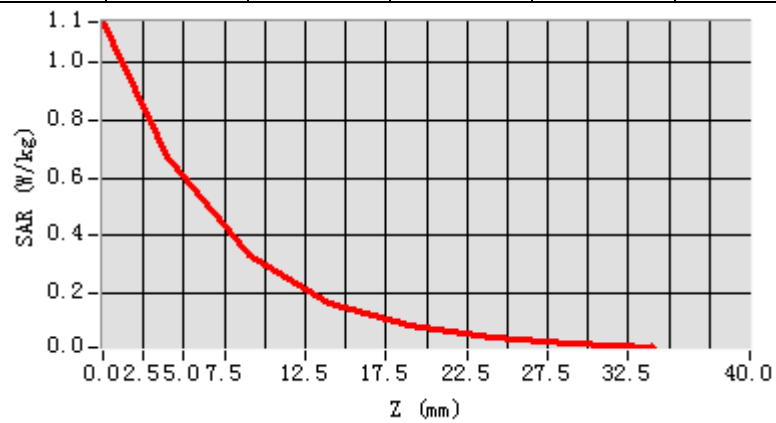


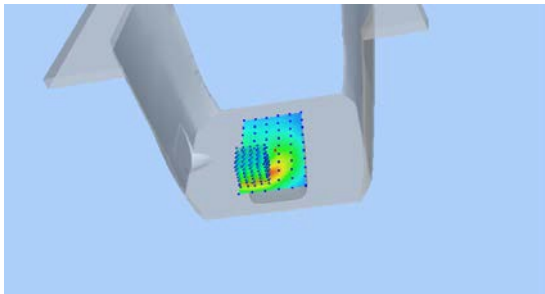
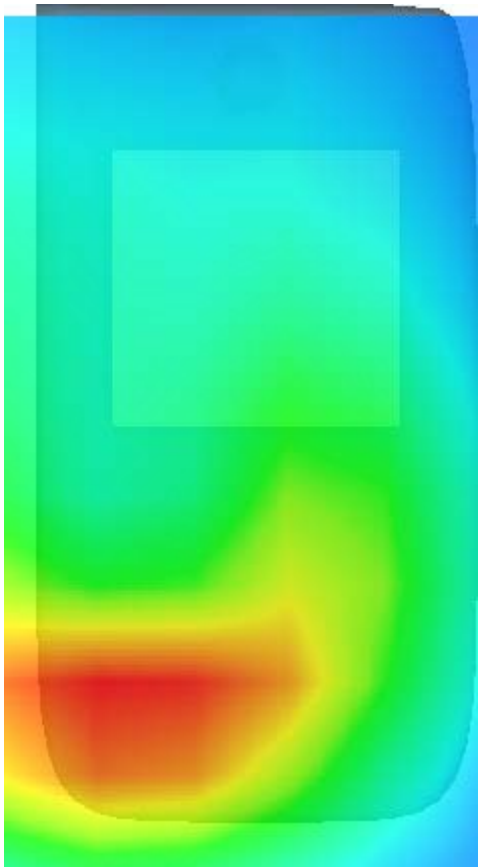
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.028956
SAR1g (W/Kg)	0.058250

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 61

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 7 minutes 52 seconds

C. Experimental conditions.

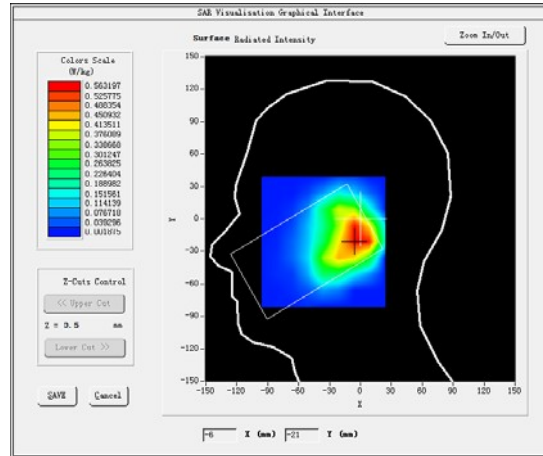
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>2-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

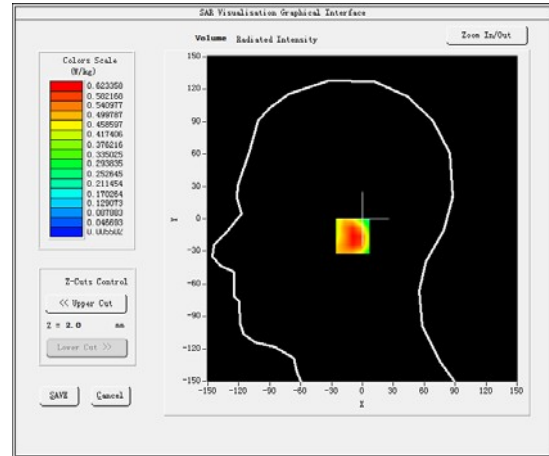
Middle Band SAR (Channel 18625):

Frequency (MHz)	1852.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-2.770000

SURFACE SAR



VOLUME SAR

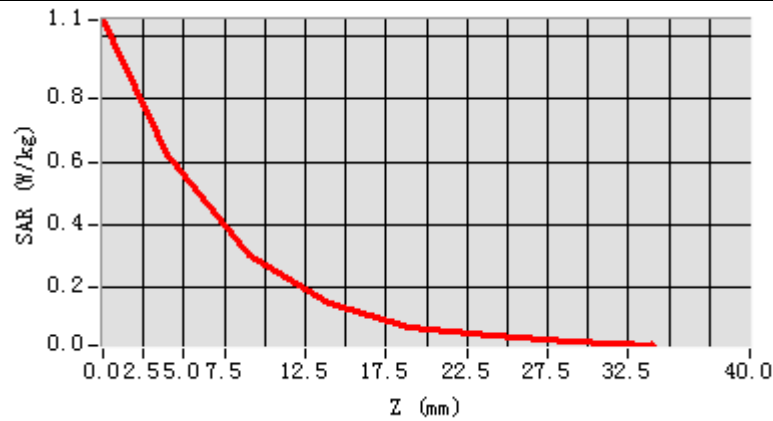


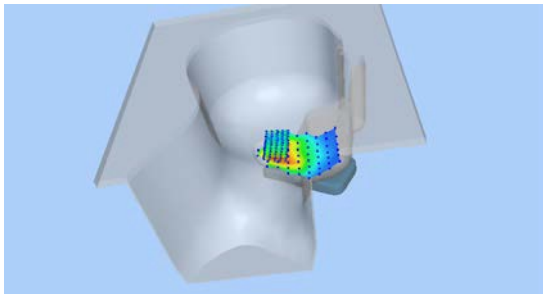
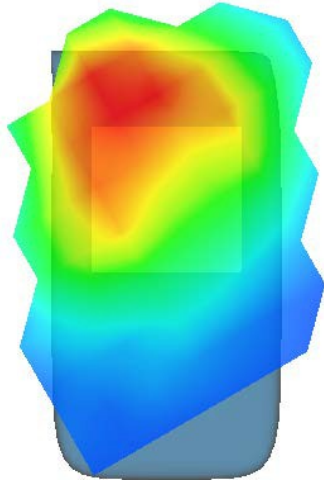
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 1.50 W/kg

SAR 10g (W/Kg)	0.046281
SAR1g (W/Kg)	0.172084

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 62

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

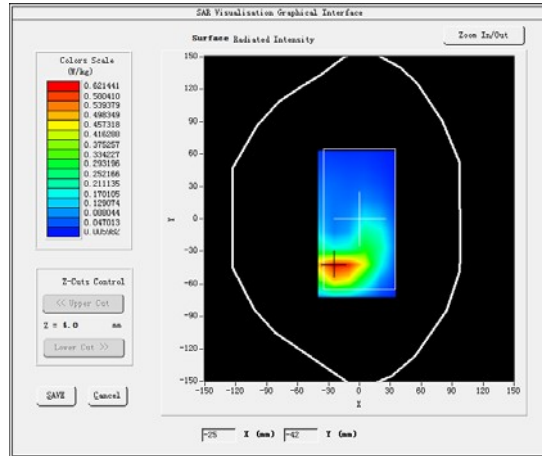
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>2-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

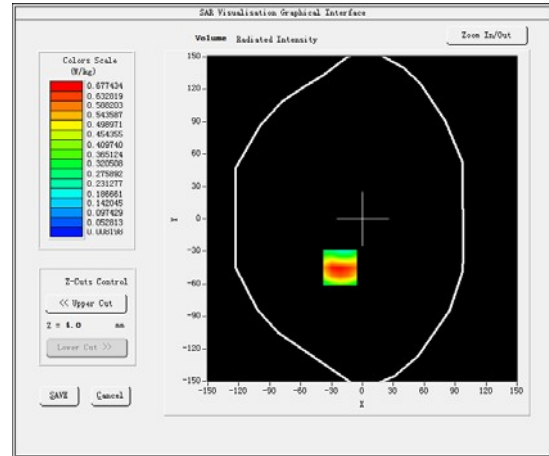
Middle Band SAR (Channel 18625):

Frequency (MHz)	1852.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	-2.870000

SURFACE SAR



VOLUME SAR

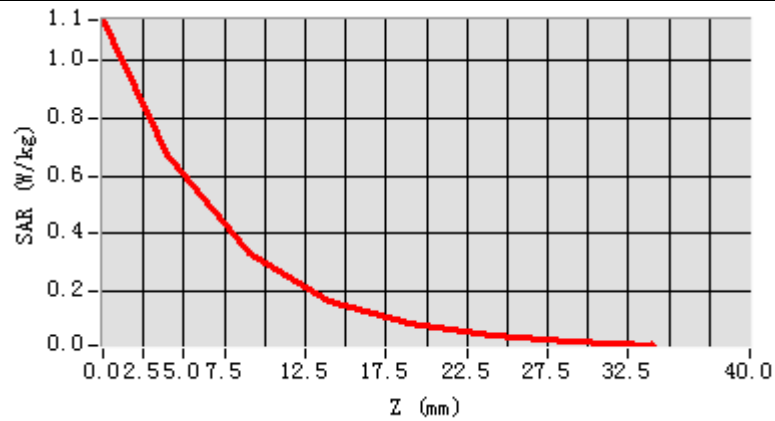


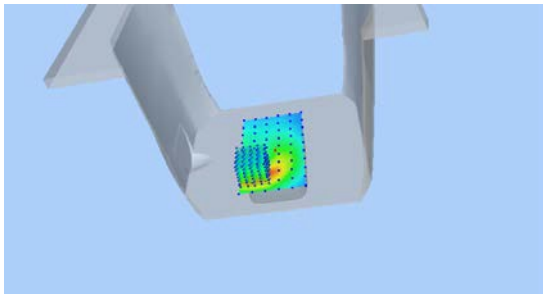
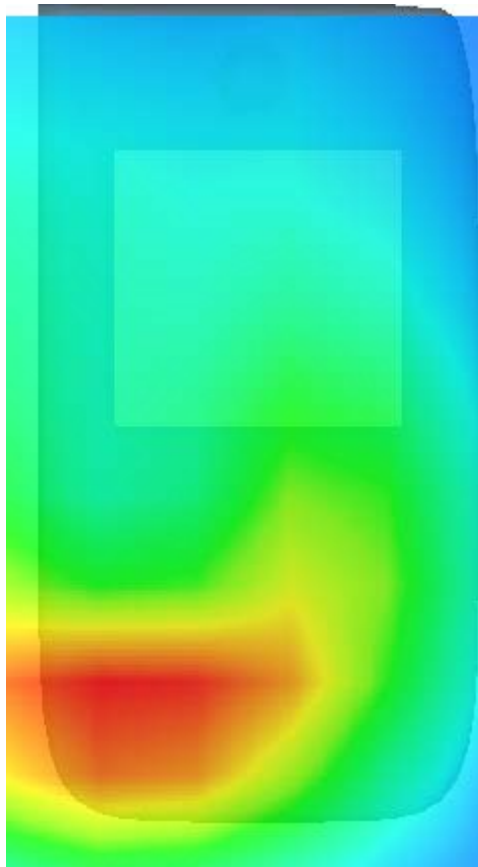
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.055234
SAR1g (W/Kg)	0.110562

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 63

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

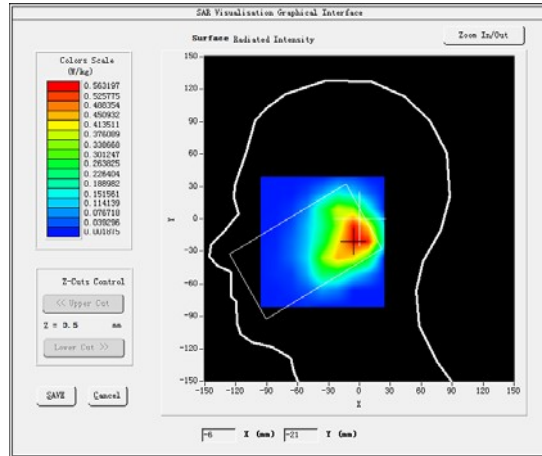
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>2-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

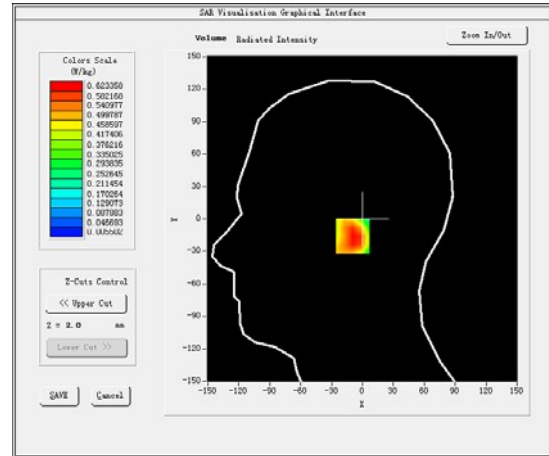
Middle Band SAR (Channel 18625):

Frequency (MHz)	1852.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	4.650000

SURFACE SAR



VOLUME SAR

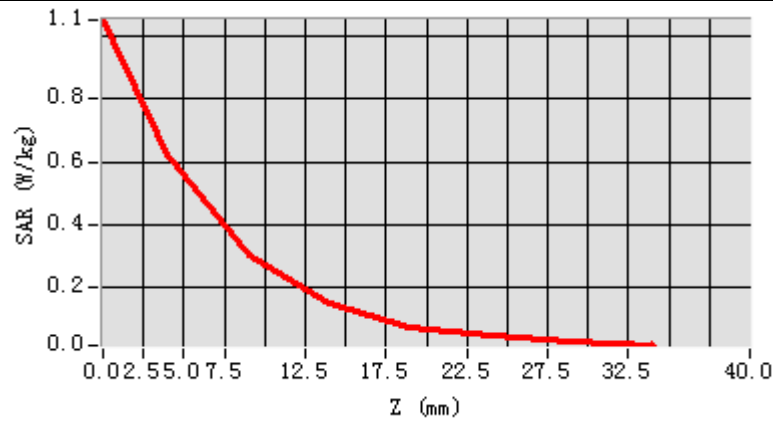


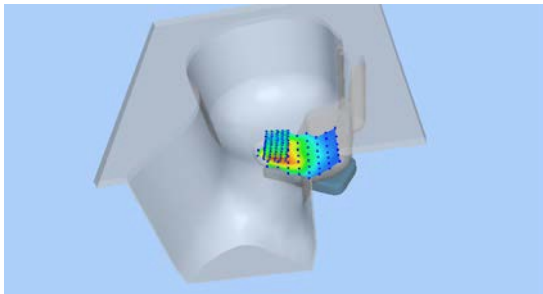
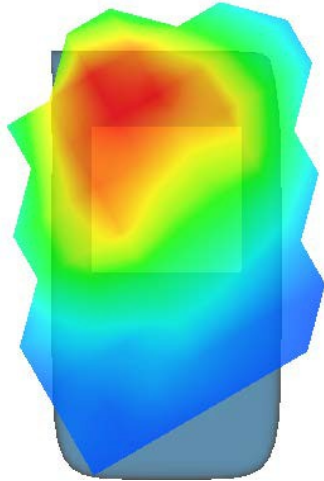
Maximum location: X = -1.00, Y = -16.00

SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.070818
SAR1g (W/Kg)	0.158024

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 64

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

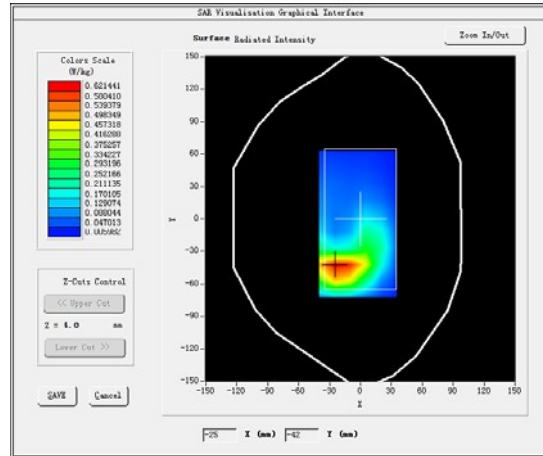
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>2-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

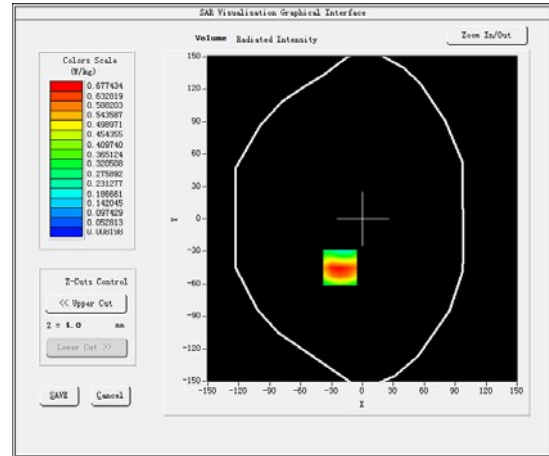
Middle Band SAR (Channel 18625):

Frequency (MHz)	1852.500000
Relative permittivity (real part)	38.842045
Relative permittivity (imaginary part)	14.936524
Conductivity (S/m)	1.432741
Variation (%)	0.590000

SURFACE SAR



VOLUME SAR

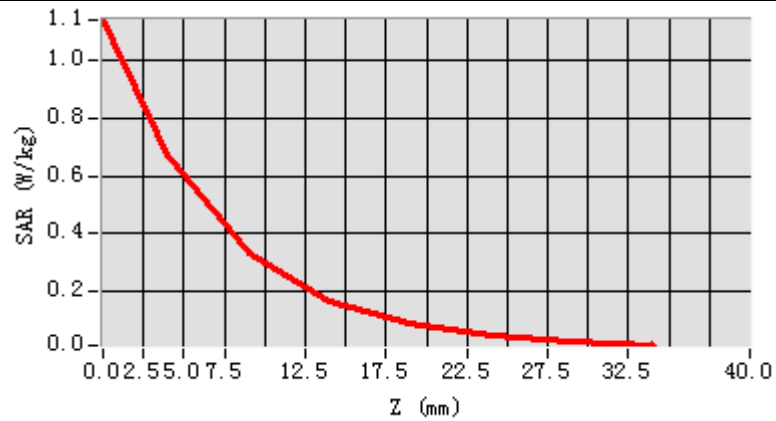


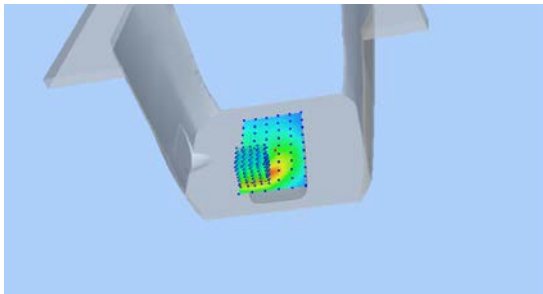
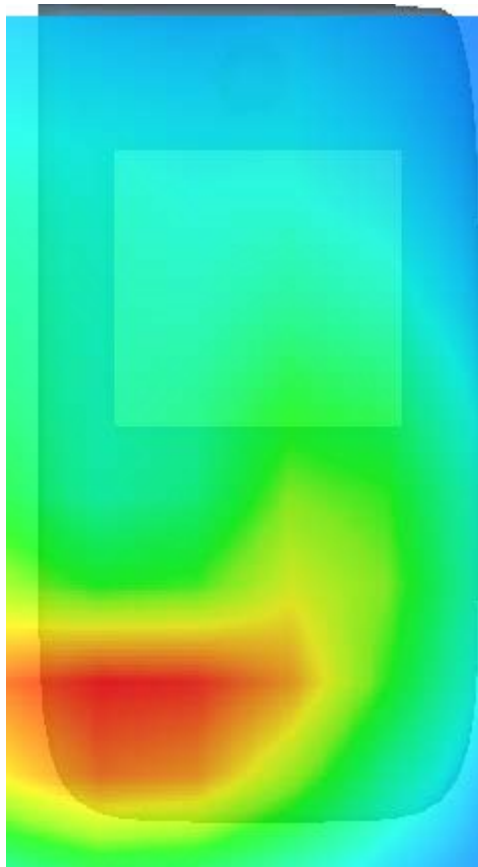
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.060218
SAR1g (W/Kg)	0.116079

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 65

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 52 seconds

C. Experimental conditions.

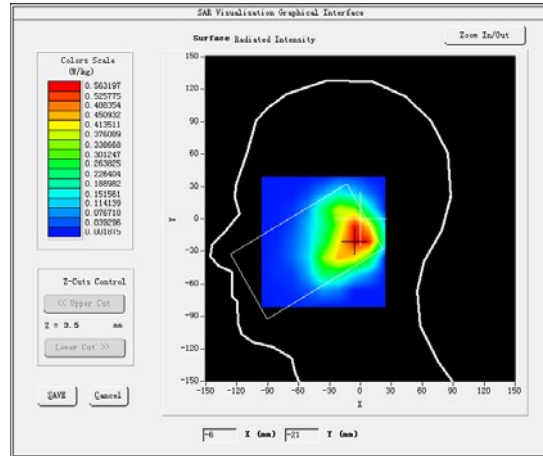
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>4-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

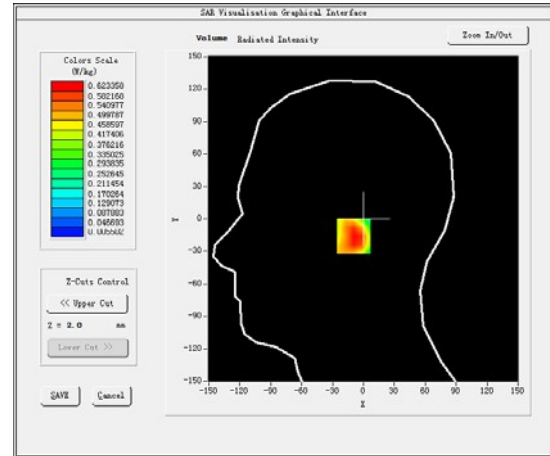
Middle Band SAR (Channel 20325):

Frequency (MHz)	1747.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	2.430000

SURFACE SAR



VOLUME SAR

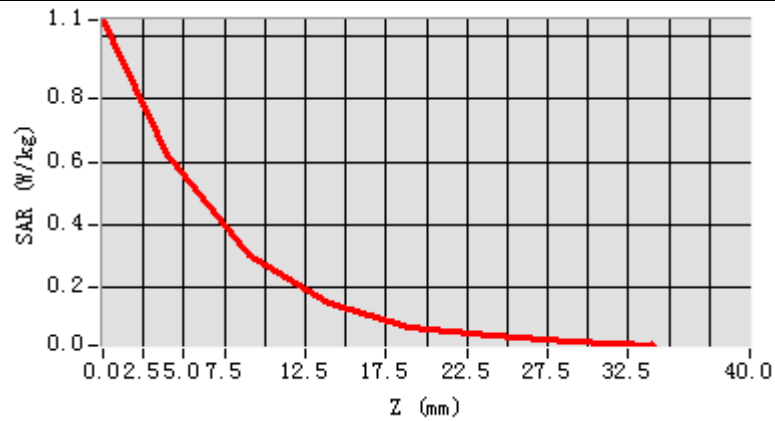


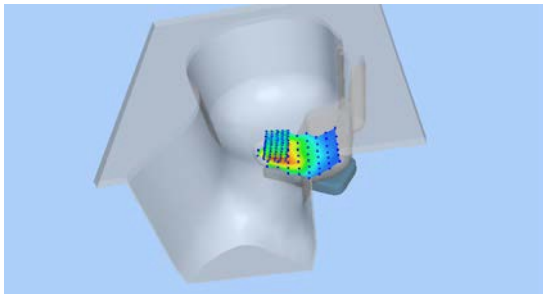
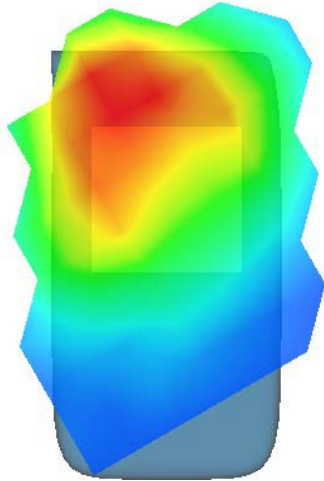
Maximum location: X = -1.00, Y = -16.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.065078
SAR1g (W/Kg)	0.152042

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 66

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

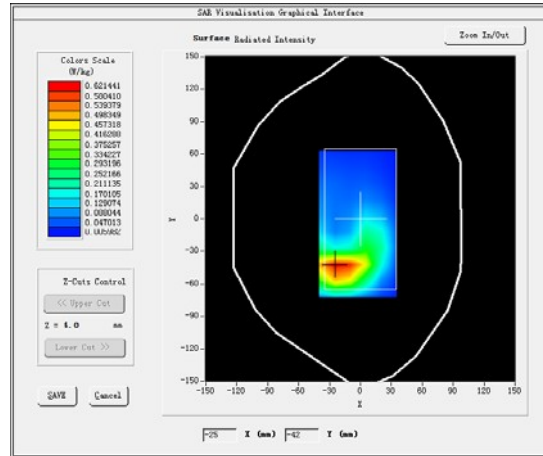
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>4-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

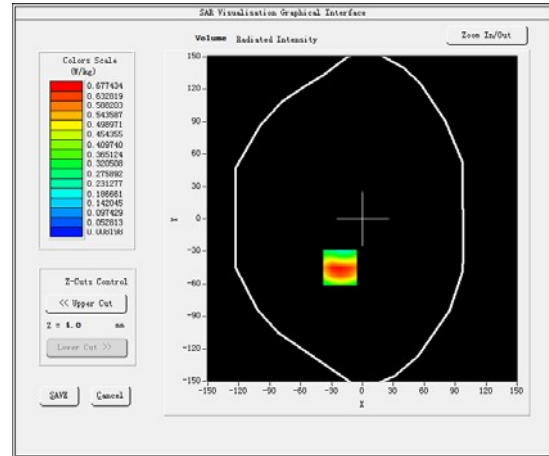
Middle Band SAR (Channel 20325):

Frequency (MHz)	1747.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-4.730000

SURFACE SAR



VOLUME SAR

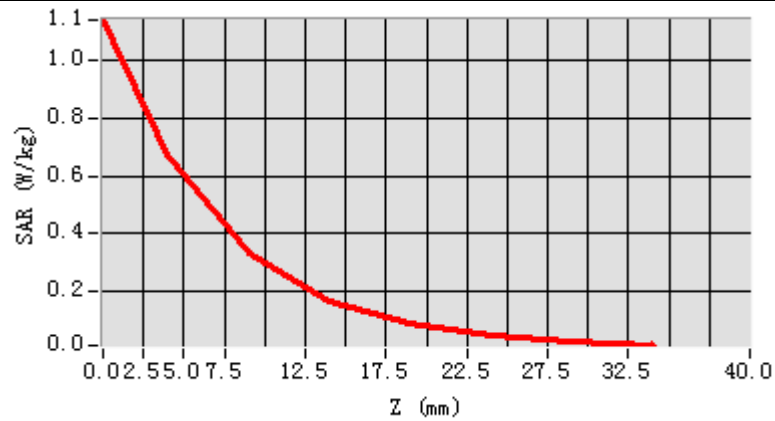


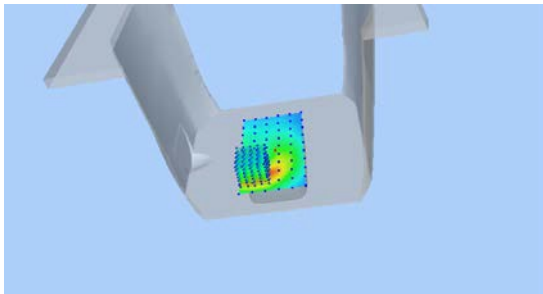
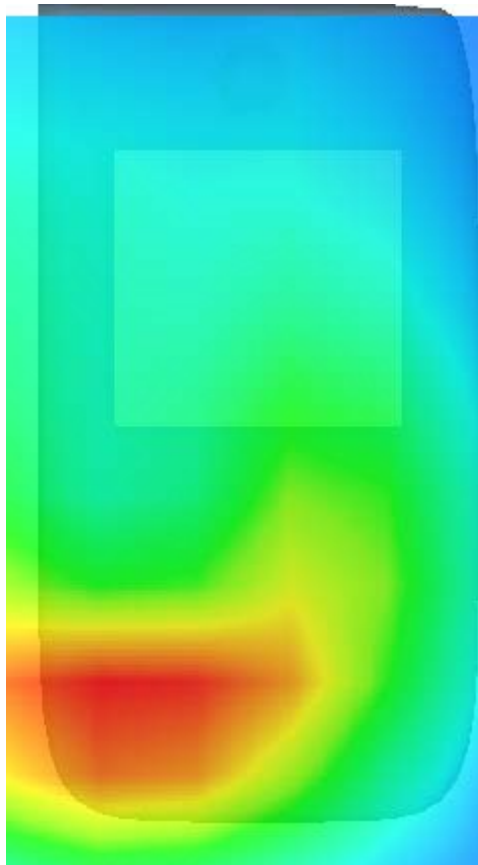
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.031629
SAR1g (W/Kg)	0.060842

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 67

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

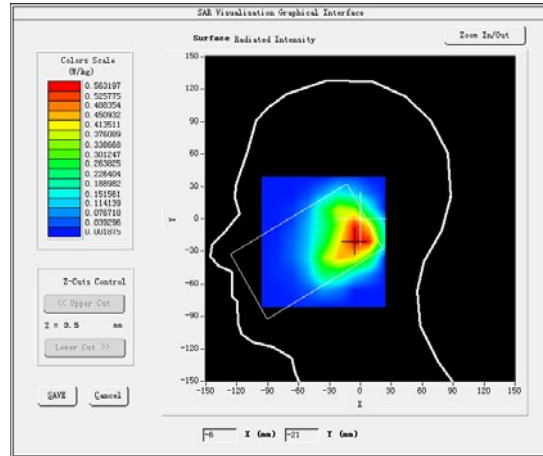
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Lift head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>4-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

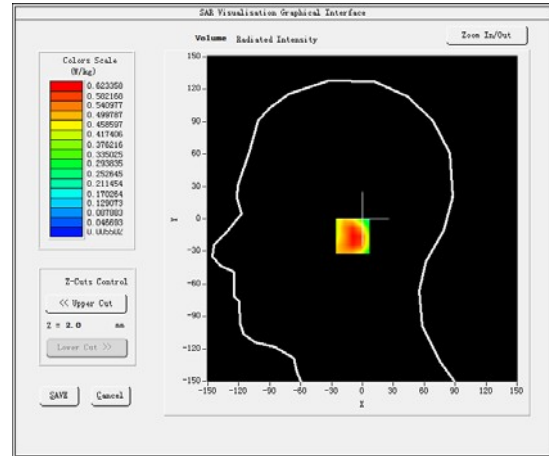
Middle Band SAR (Channel 20325):

Frequency (MHz)	1747.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	2.790000

SURFACE SAR



VOLUME SAR

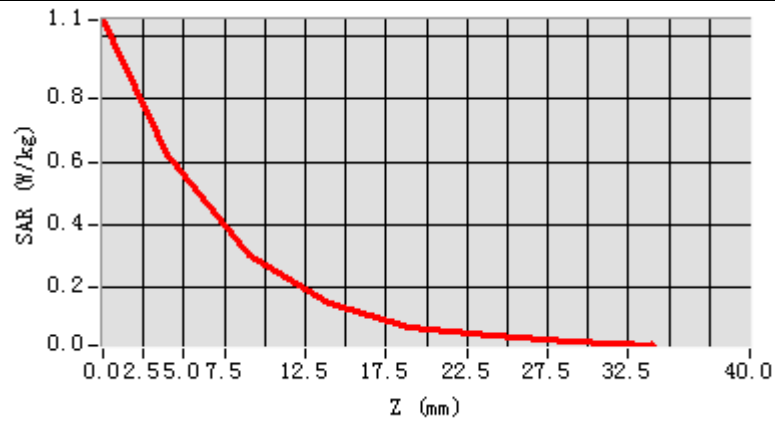


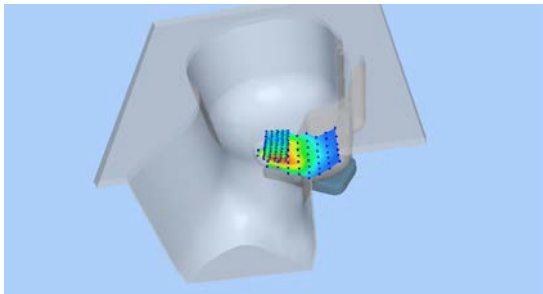
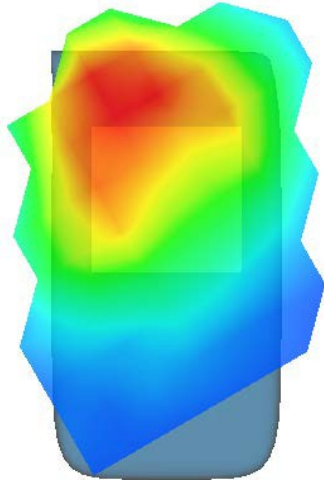
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.043426
SAR1g (W/Kg)	0.097158

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 68

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

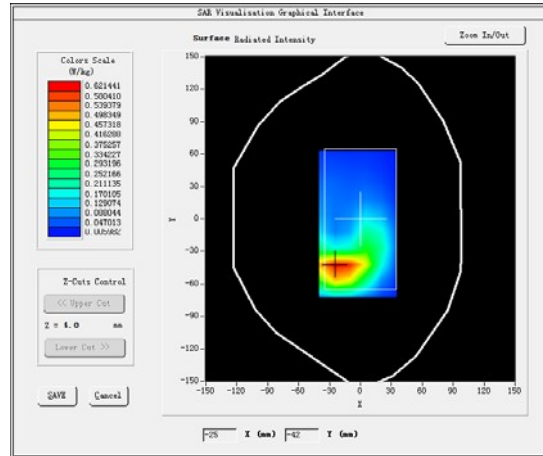
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>4-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

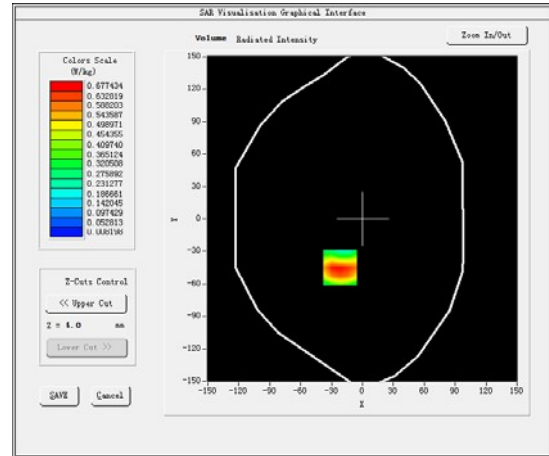
Middle Band SAR (Channel 20325):

Frequency (MHz)	1747.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-2.810000

SURFACE SAR



VOLUME SAR

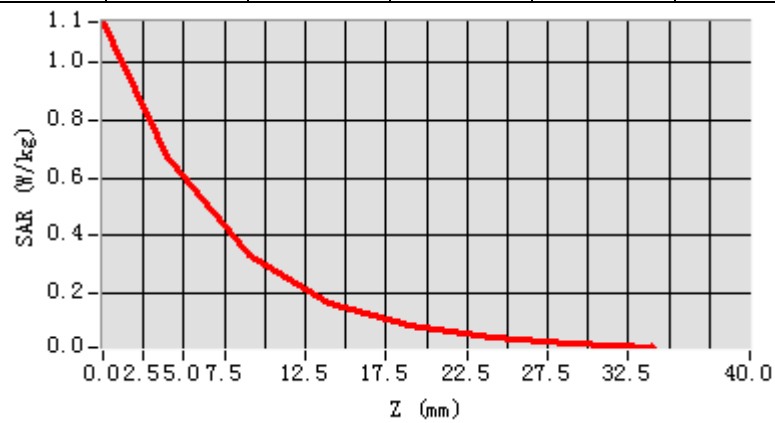


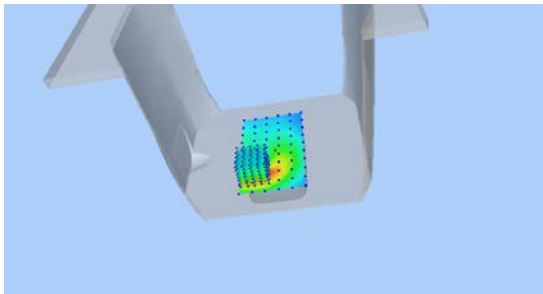
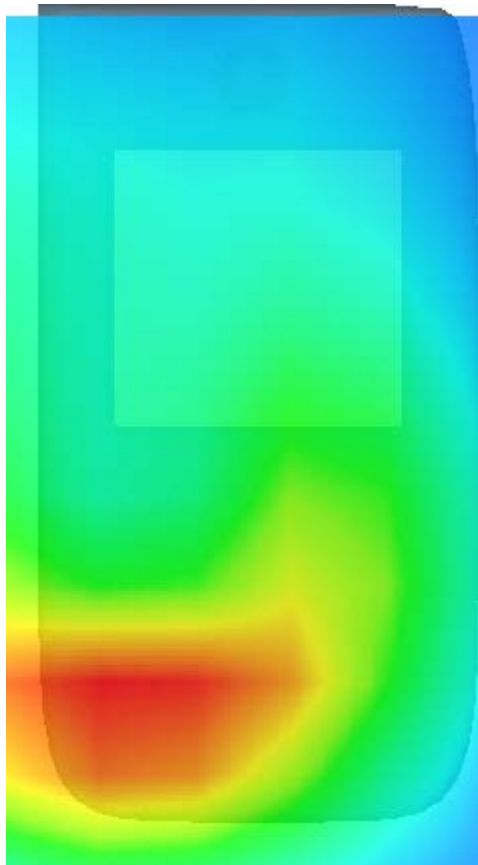
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.023074
SAR1g (W/Kg)	0.046592

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 69

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 7 minutes 52 seconds

C. Experimental conditions.

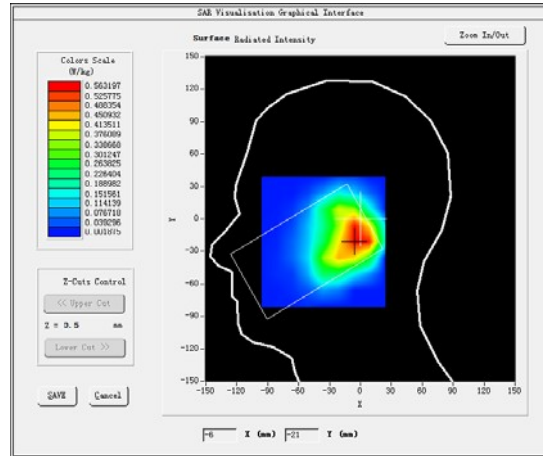
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>5-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

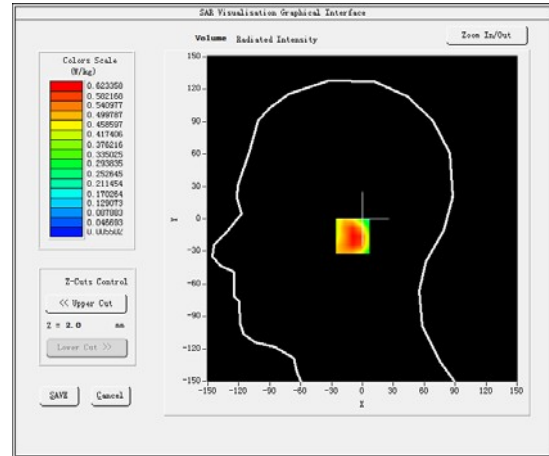
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-1.930000

SURFACE SAR



VOLUME SAR

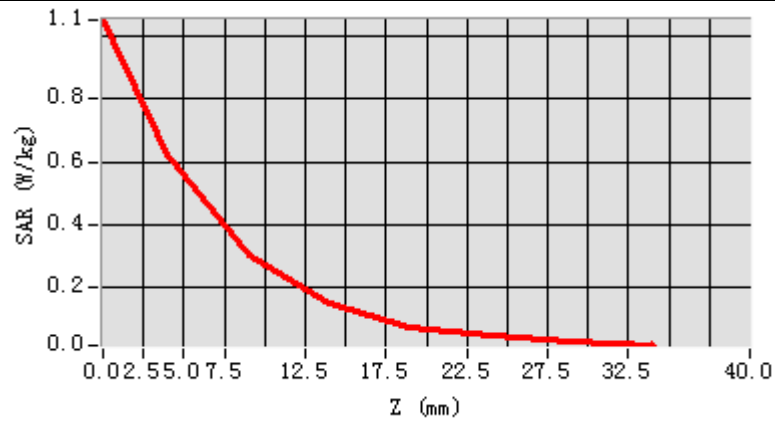


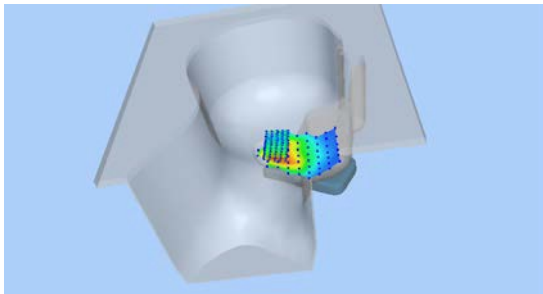
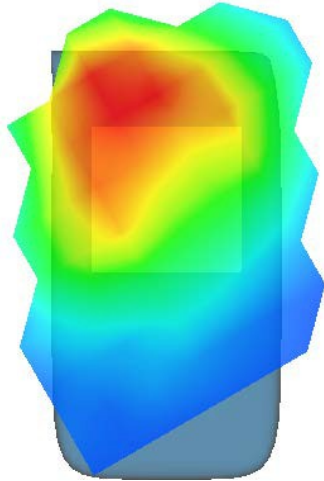
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.32 W/kg

SAR 10g (W/Kg)	0.052437
SAR1g (W/Kg)	0.121415

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 70

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

C. Experimental conditions.

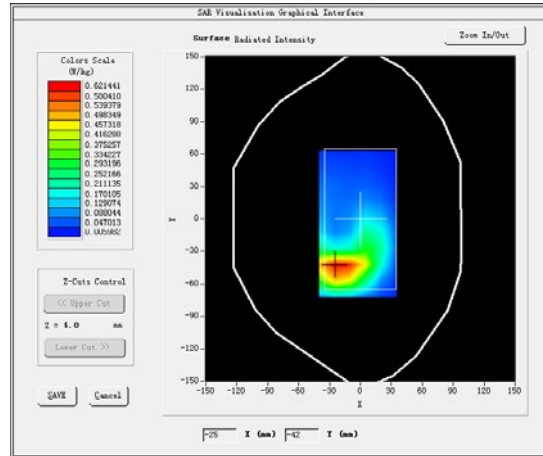
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>5-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

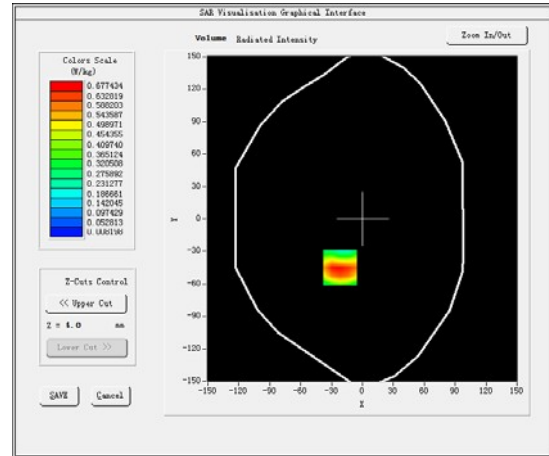
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-4.300000

SURFACE SAR



VOLUME SAR

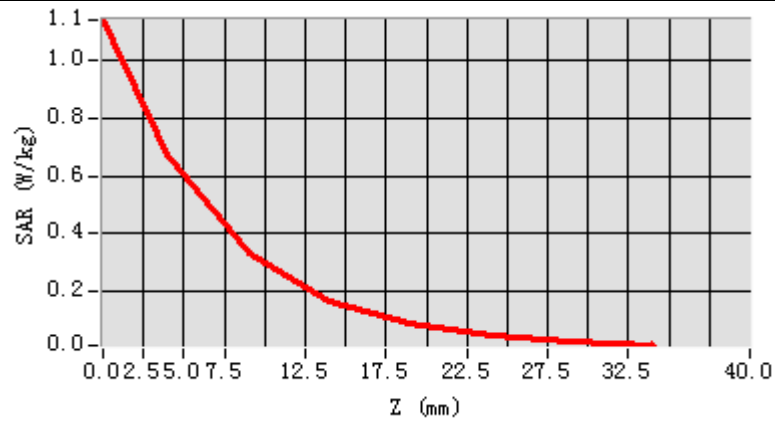


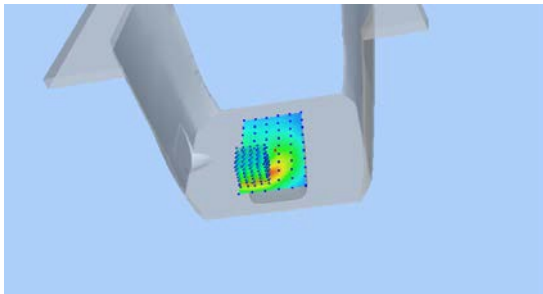
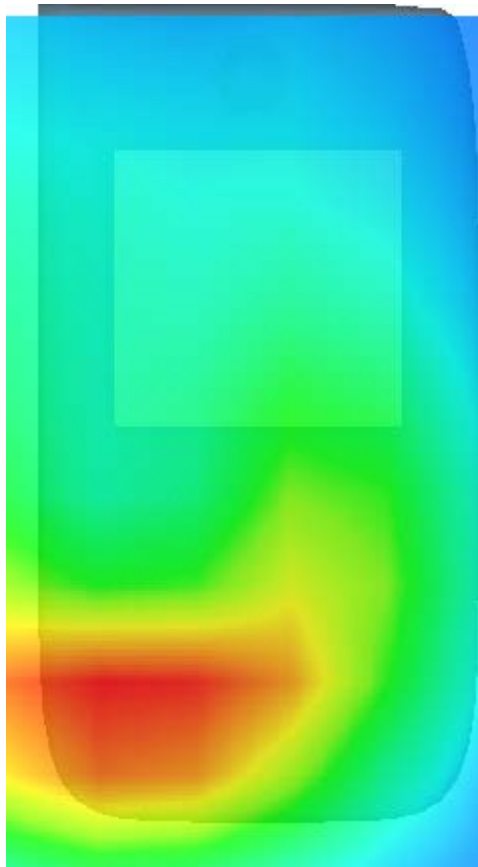
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.016215
SAR1g (W/Kg)	0.031692

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 71

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

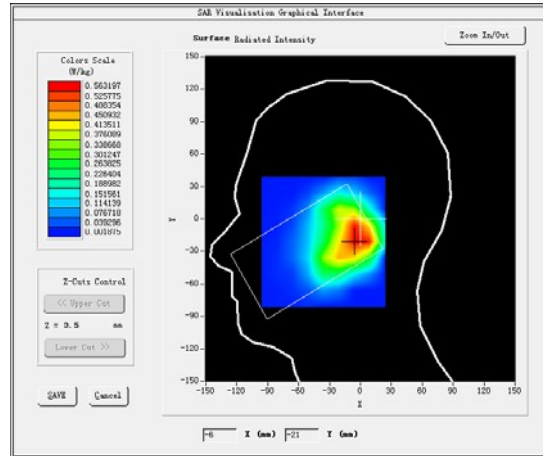
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>5-N38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

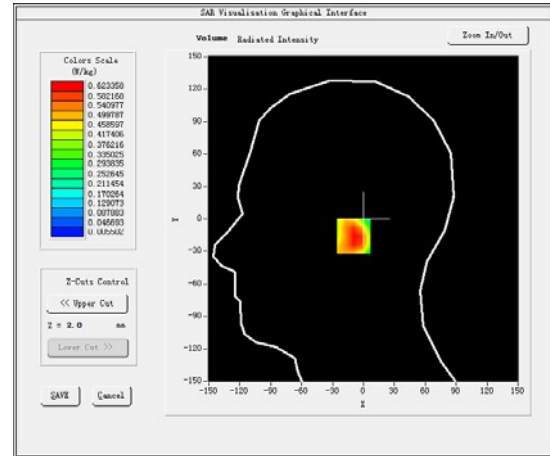
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	1.710000

SURFACE SAR



VOLUME SAR

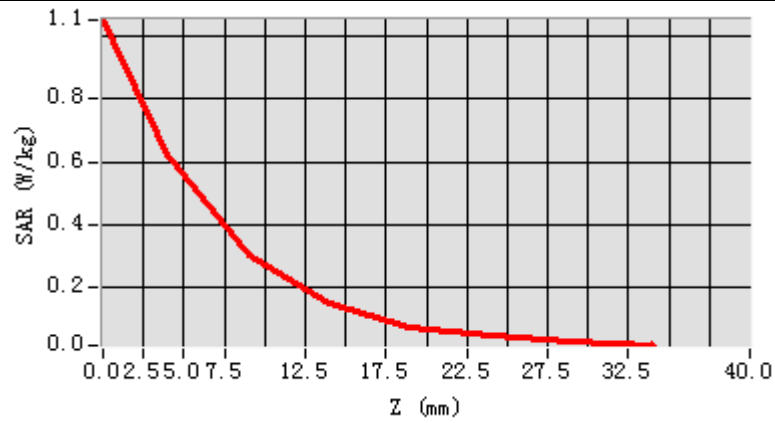


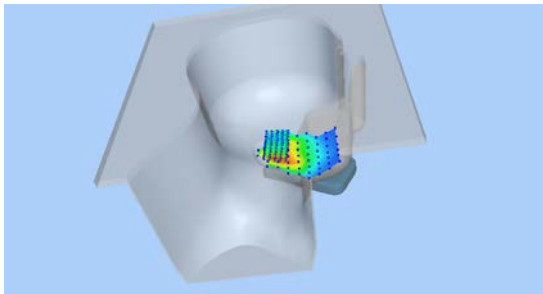
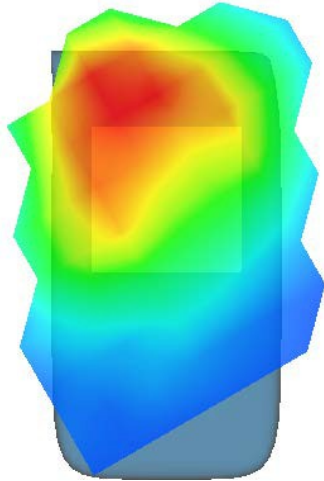
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.040211
SAR1g (W/Kg)	0.092637

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 72

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

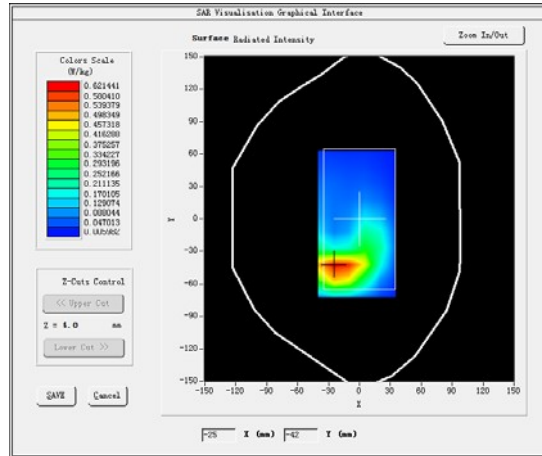
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>5-N38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

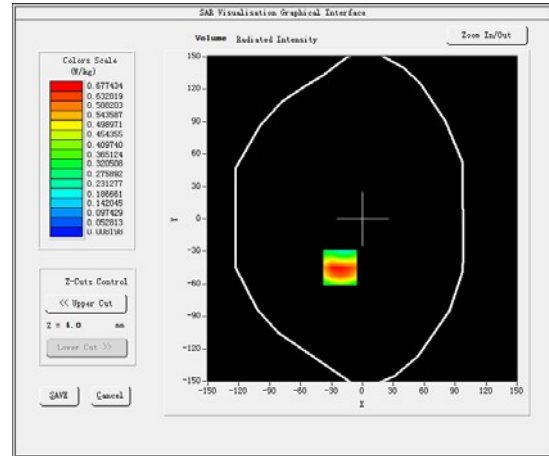
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-4.230000

SURFACE SAR



VOLUME SAR

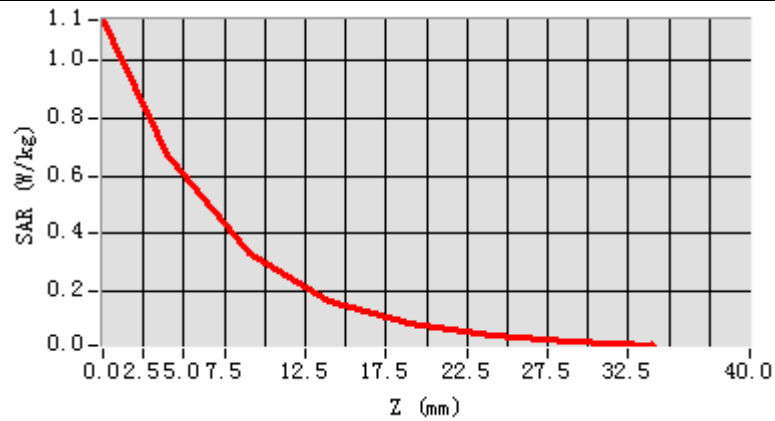


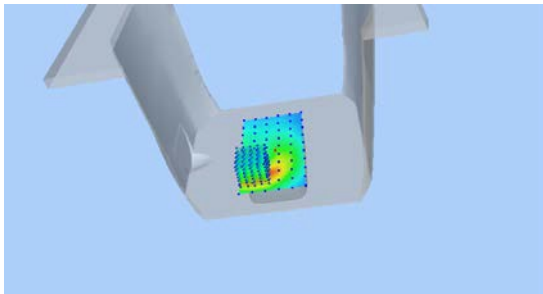
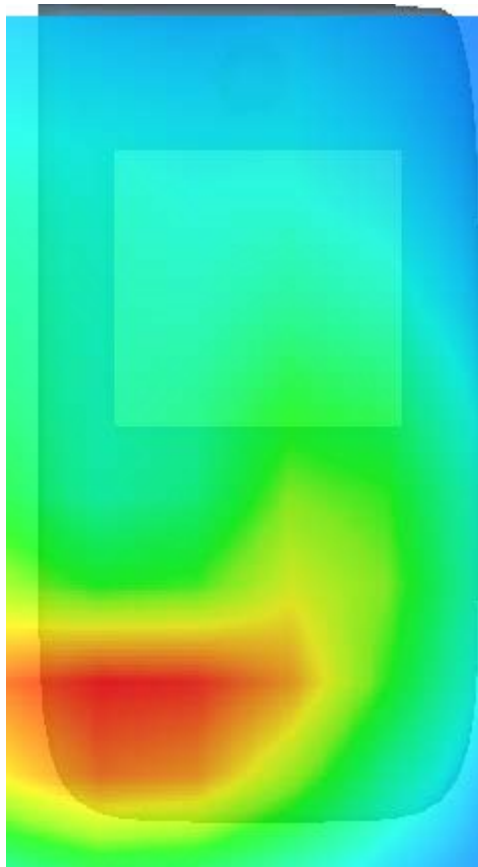
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.012044
SAR1g (W/Kg)	0.020845

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 73

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 7 minutes 52 seconds

C. Experimental conditions.

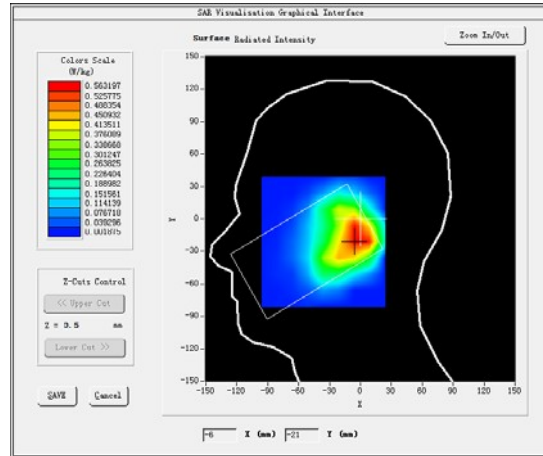
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>5-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

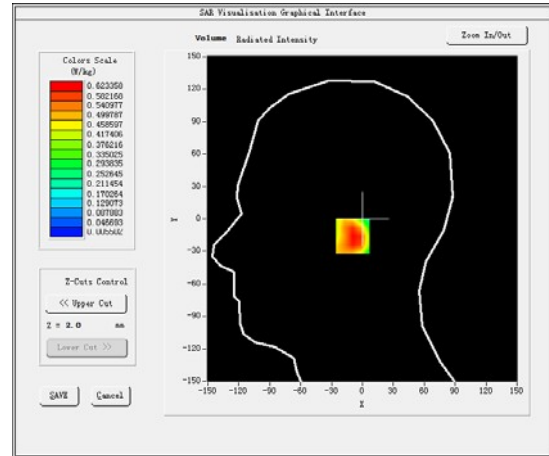
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	4.280000

SURFACE SAR



VOLUME SAR

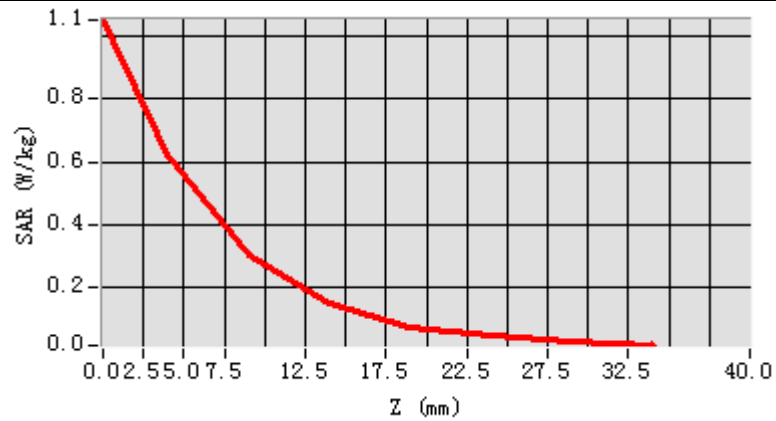


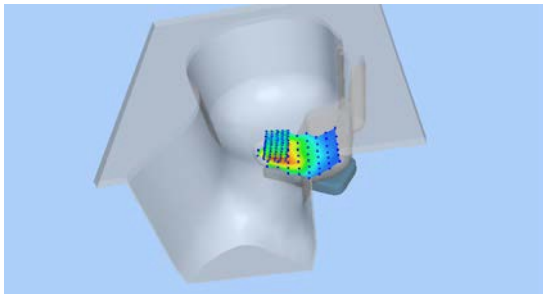
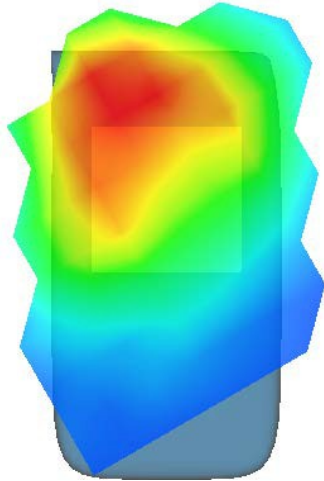
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.061377
SAR1g (W/Kg)	0.164088

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 74

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

C. Experimental conditions.

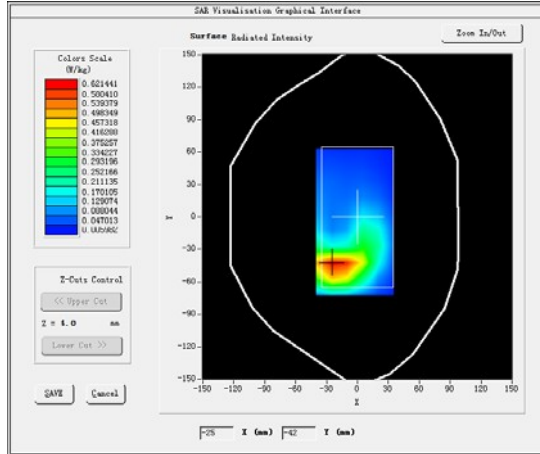
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>5-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

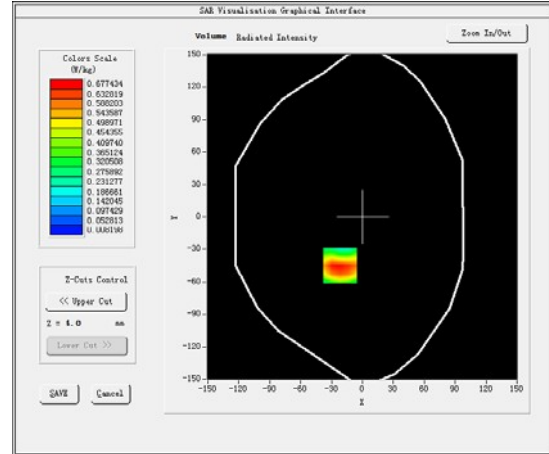
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	2.010000

SURFACE SAR



VOLUME SAR

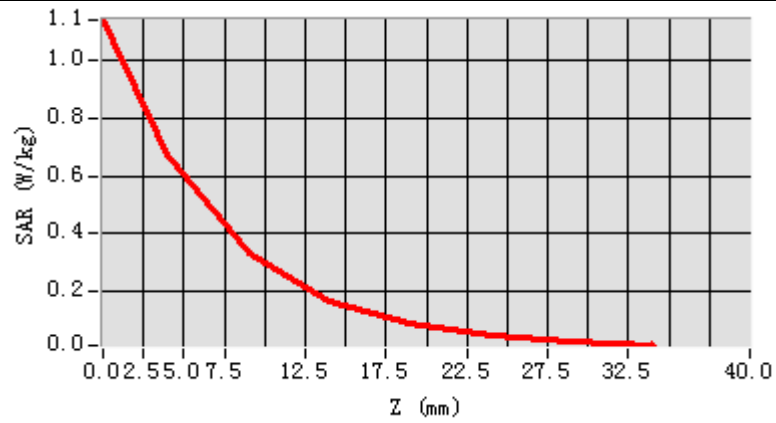


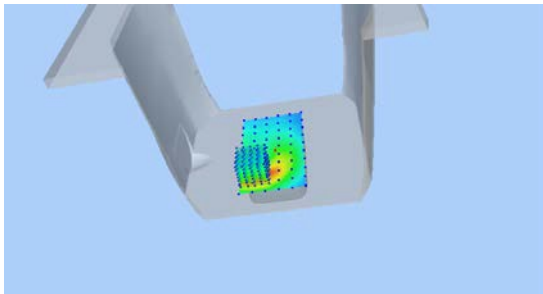
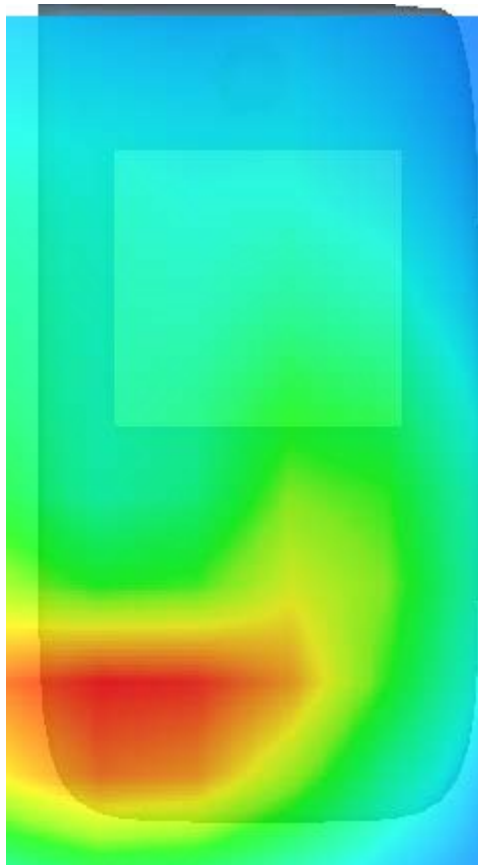
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.020336
SAR1g (W/Kg)	0.043051

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 75

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 7 minutes 52 seconds

E. Experimental conditions.

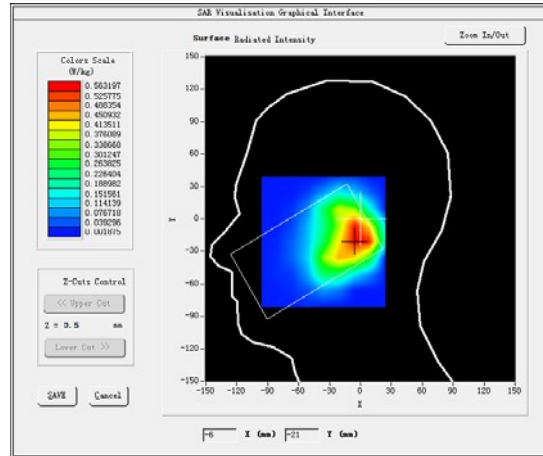
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>5-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

F. SAR Measurement Results

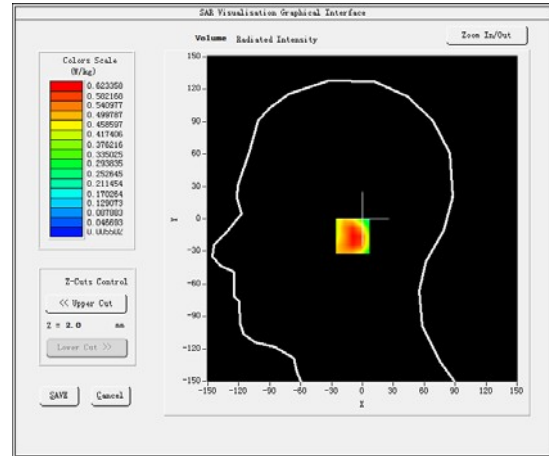
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-4.360000

SURFACE SAR



VOLUME SAR

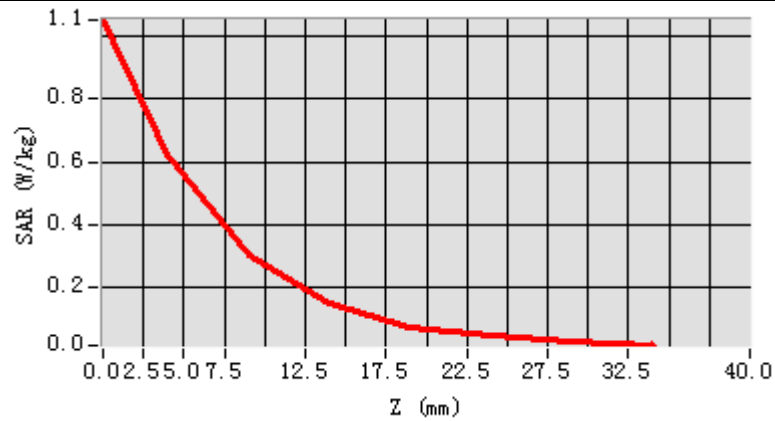


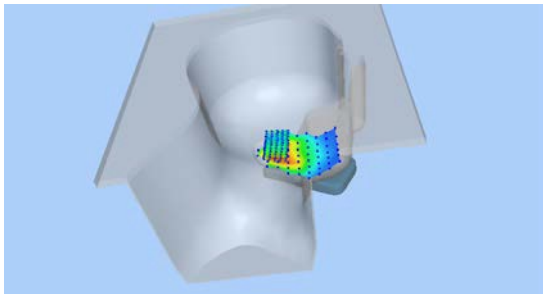
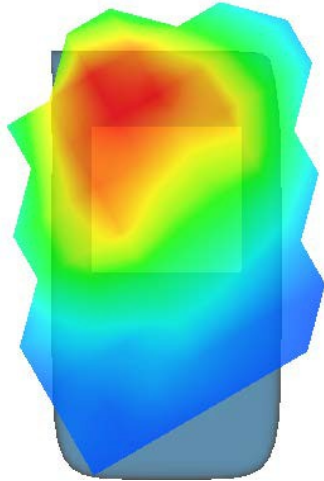
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.052826
SAR1g (W/Kg)	0.114269

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 76

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

E. Experimental conditions.

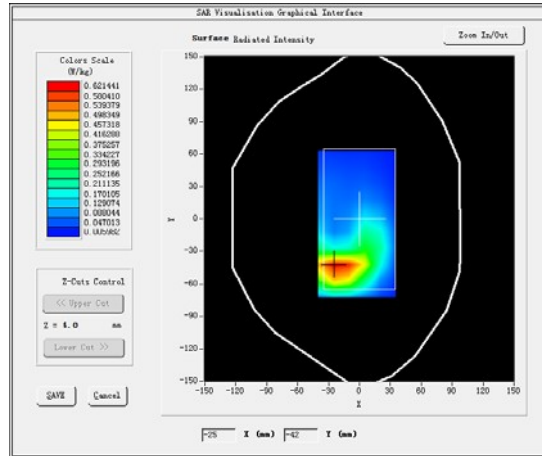
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>5-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

F. SAR Measurement Results

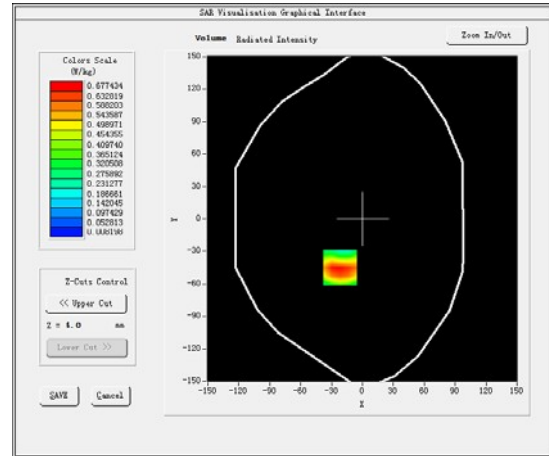
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	-0.270000

SURFACE SAR



VOLUME SAR

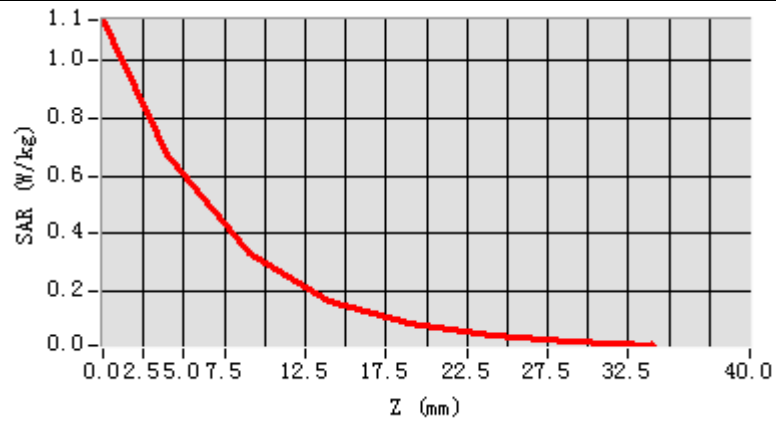


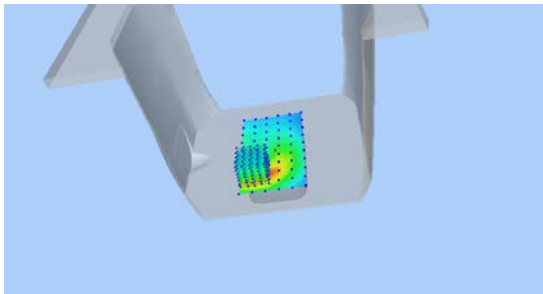
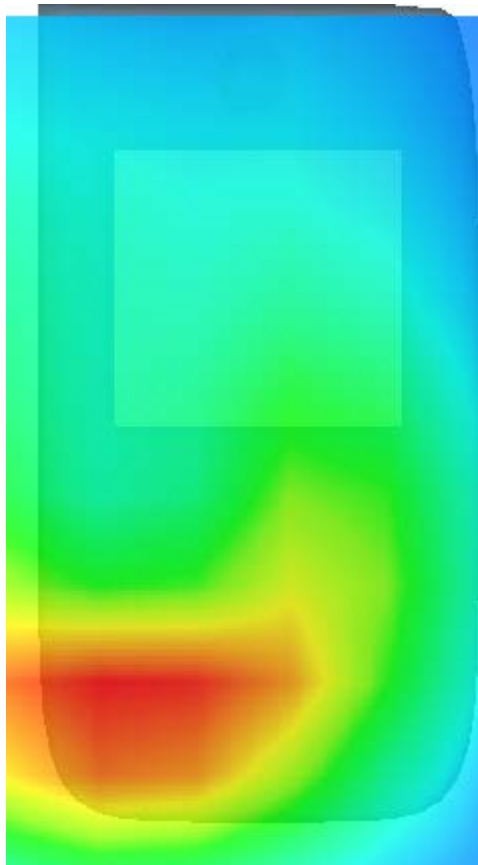
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.014754
SAR1g (W/Kg)	0.029138

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 77

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

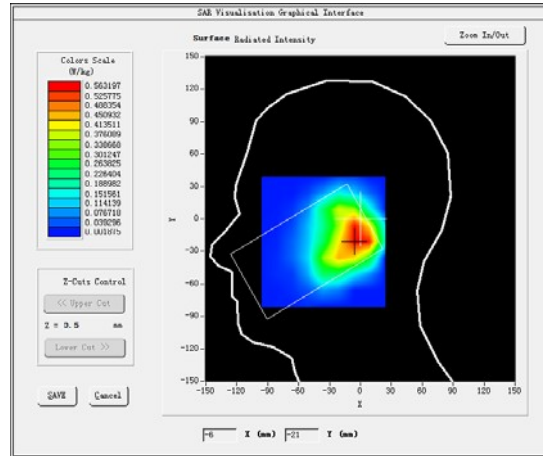
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>5-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

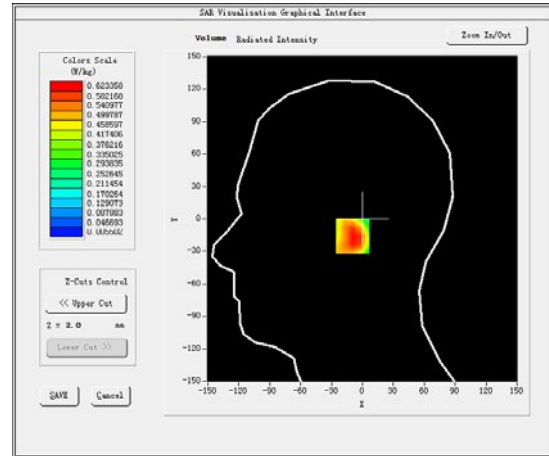
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	4.760000

SURFACE SAR



VOLUME SAR

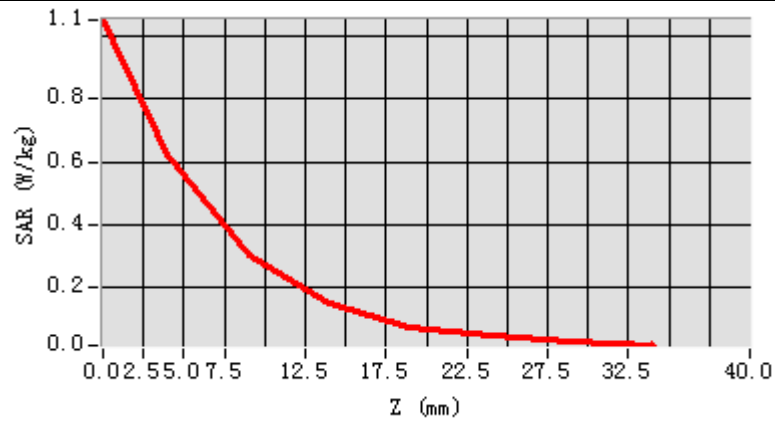


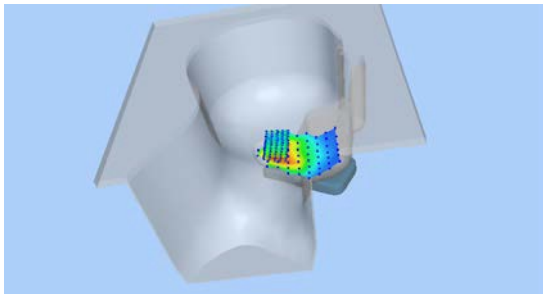
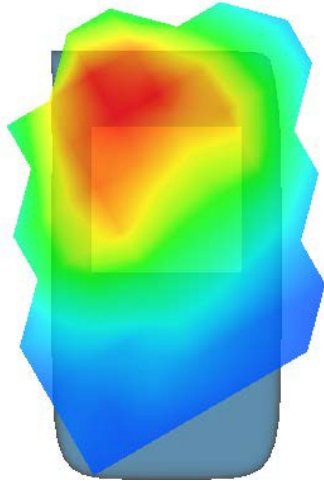
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.022132
SAR1g (W/Kg)	0.041088

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 78

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

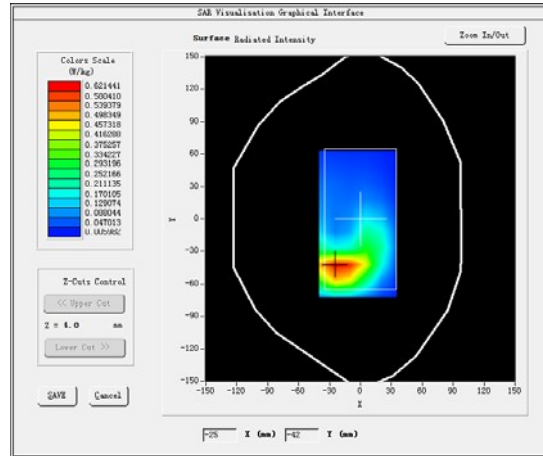
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>5-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

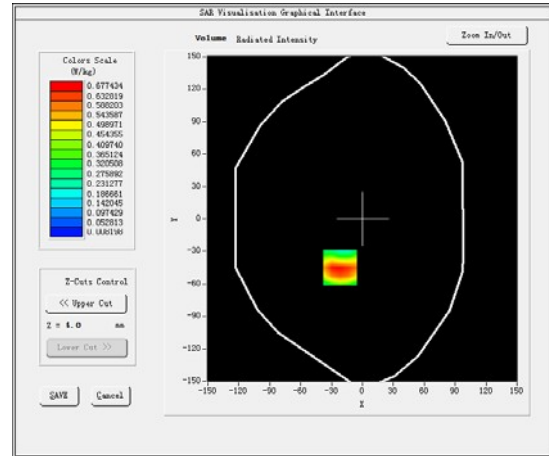
Middle Band SAR (Channel 20535):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	4.120000

SURFACE SAR



VOLUME SAR

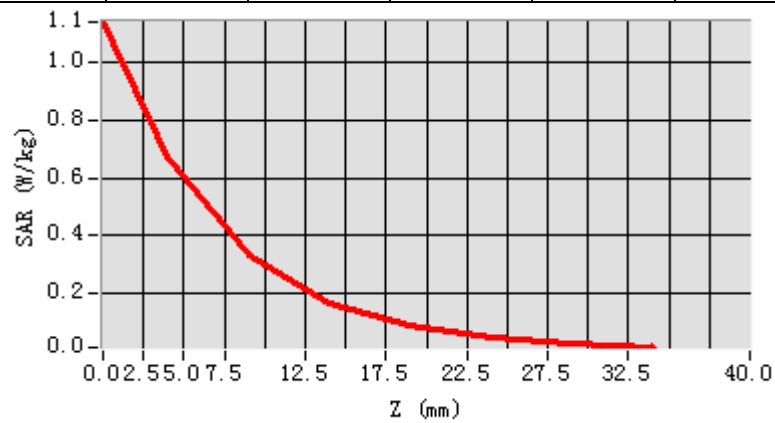


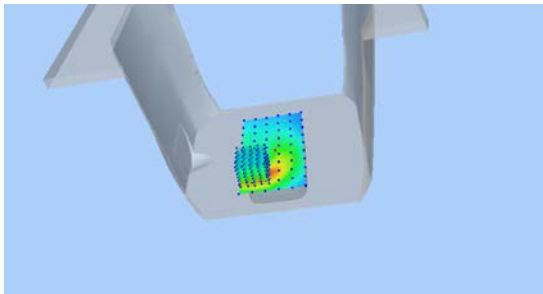
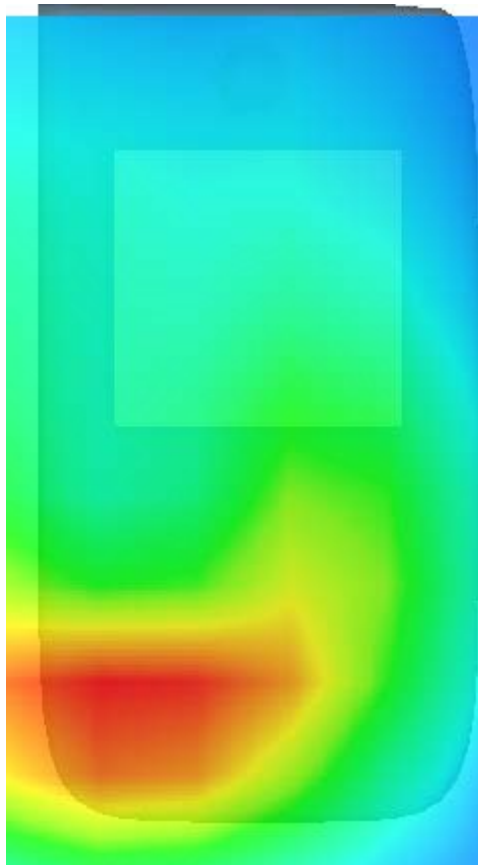
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.05 W/kg

SAR 10g (W/Kg)	0.009218
SAR1g (W/Kg)	0.014026

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 79

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

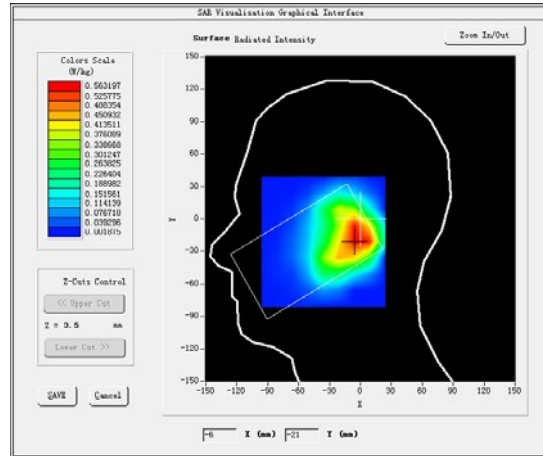
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>5-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

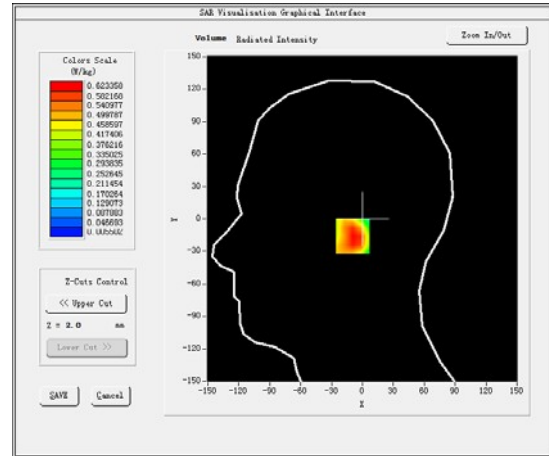
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	1.500000

SURFACE SAR



VOLUME SAR

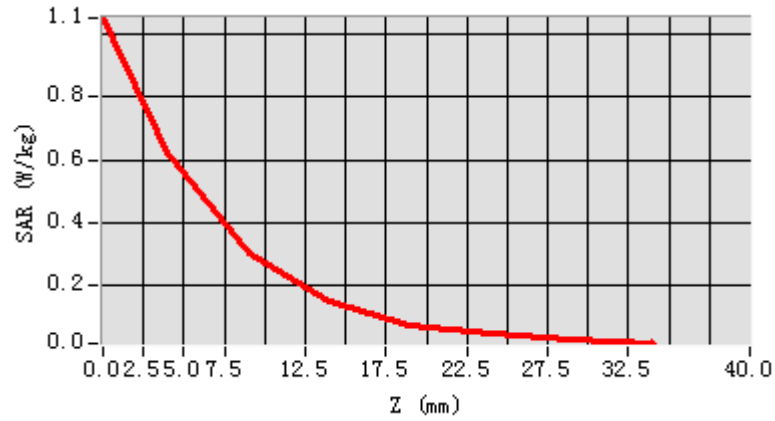


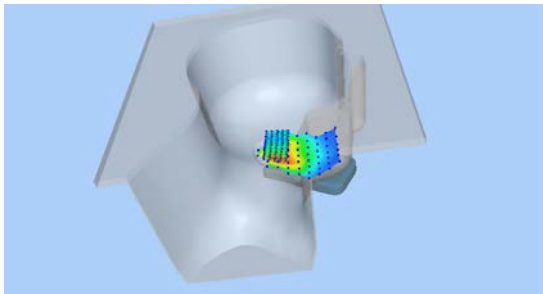
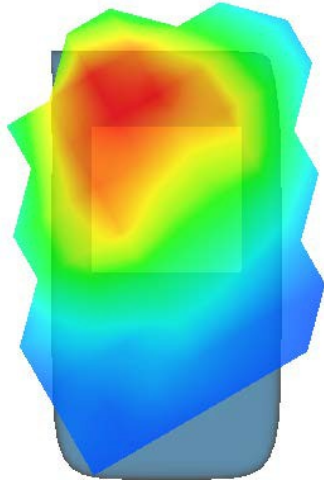
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.030245
SAR1g (W/Kg)	0.056360

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 80

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 08/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

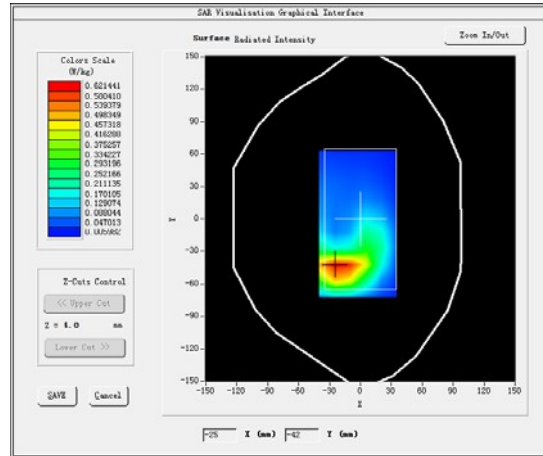
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>5-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

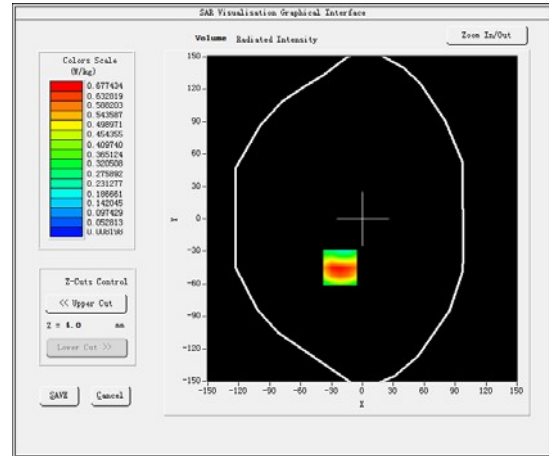
Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.534712
Relative permittivity (imaginary part)	21.274156
Conductivity (S/m)	0.924581
Variation (%)	3.900000

SURFACE SAR



VOLUME SAR

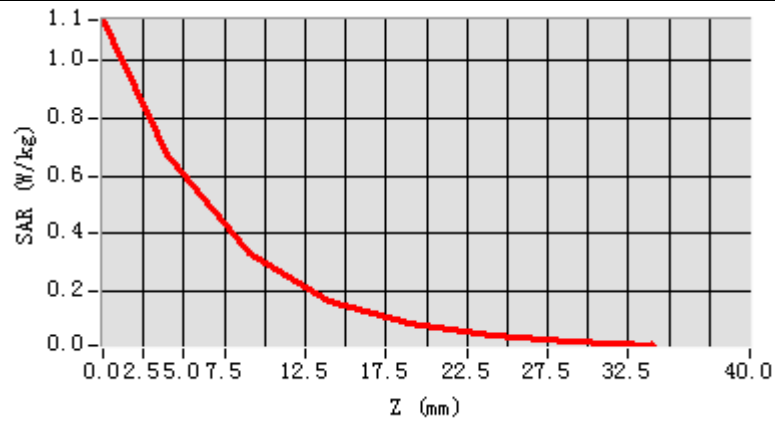


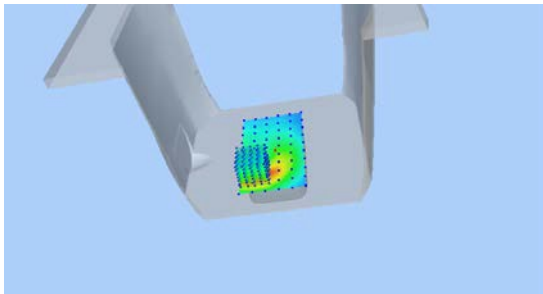
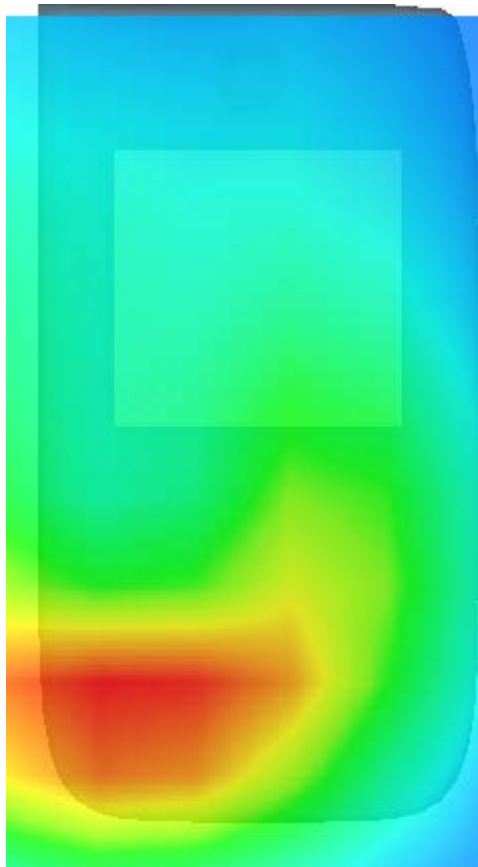
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.019264
SAR1g (W/Kg)	0.037055

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 81

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

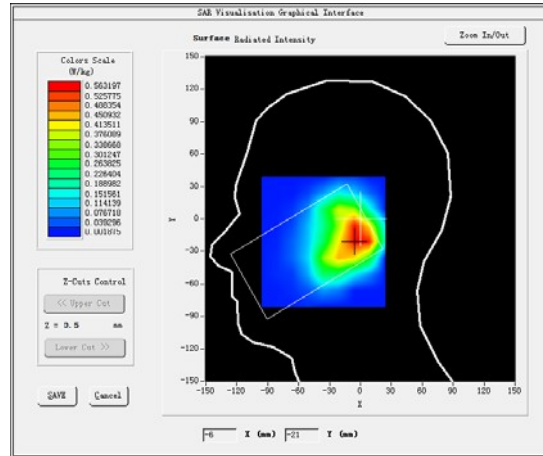
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>7-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

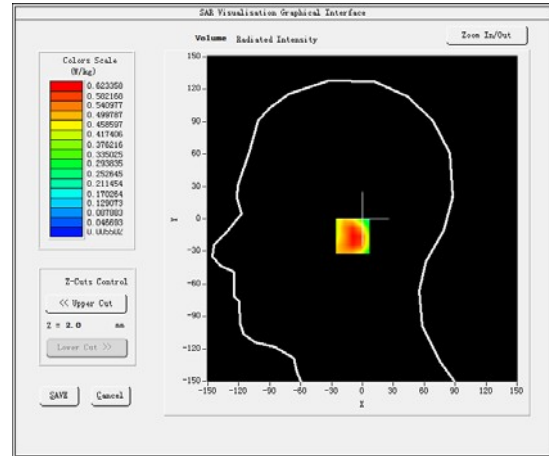
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-1.870000

SURFACE SAR



VOLUME SAR

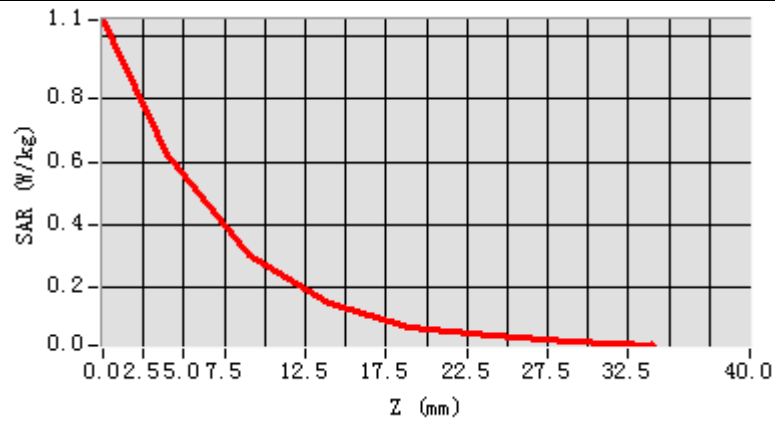


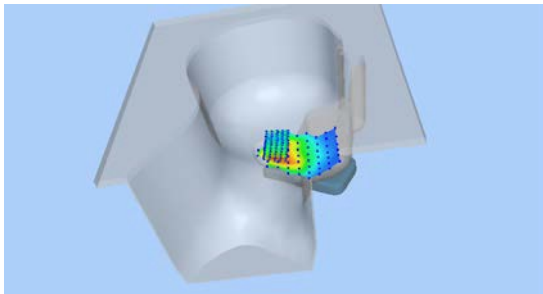
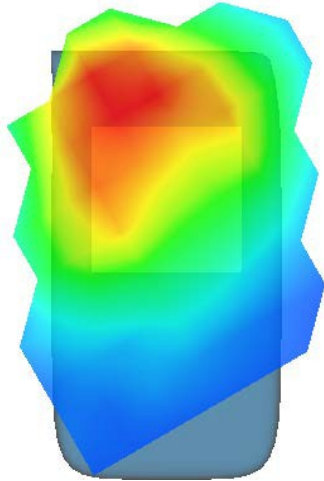
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.096215
SAR1g (W/Kg)	0.236598

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 82

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 53 seconds

C. Experimental conditions.

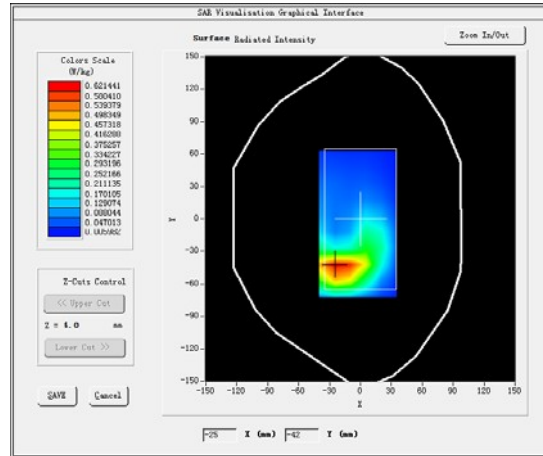
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>7-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

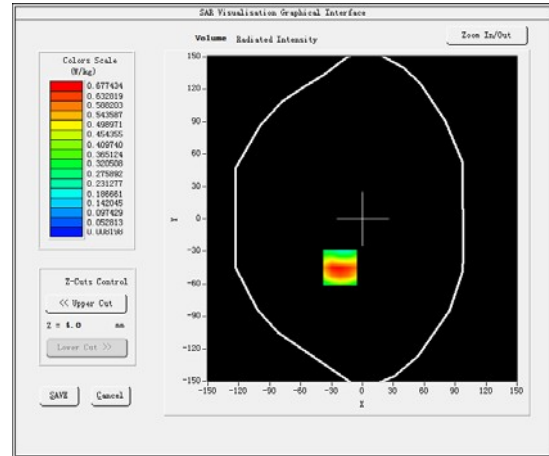
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-3.500000

SURFACE SAR



VOLUME SAR

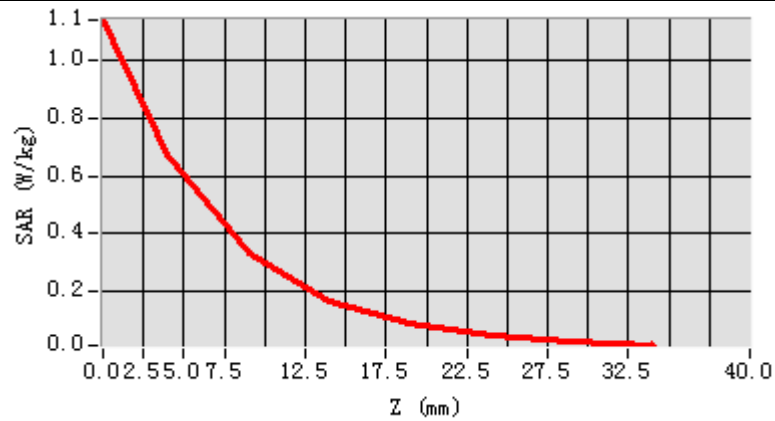


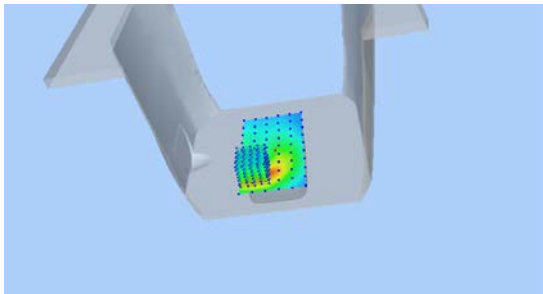
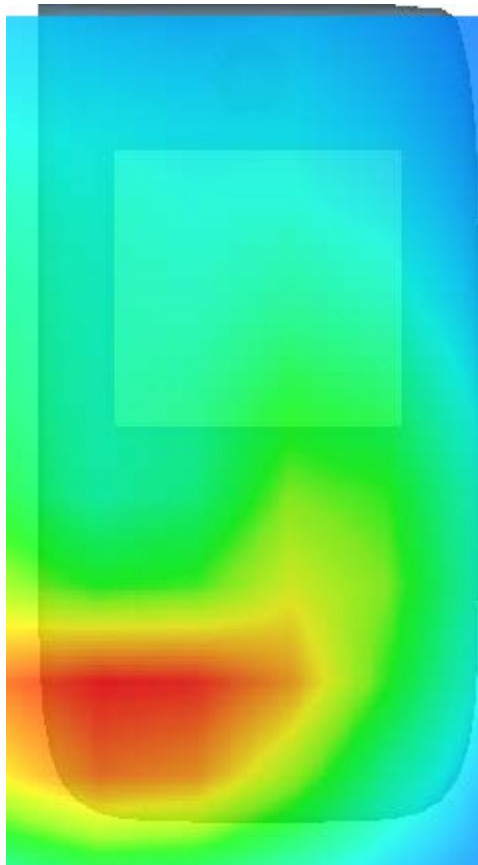
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.034199
SAR1g (W/Kg)	0.060326

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 83

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 52 seconds

A. Experimental conditions.

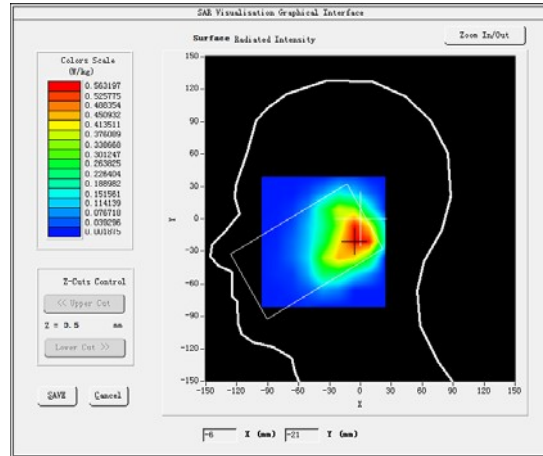
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>7-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

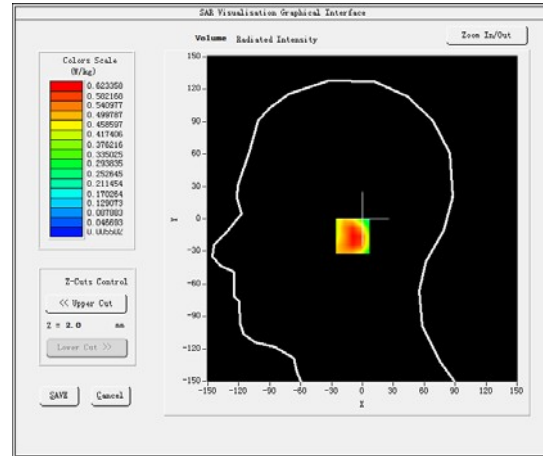
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	3.210000

SURFACE SAR



VOLUME SAR

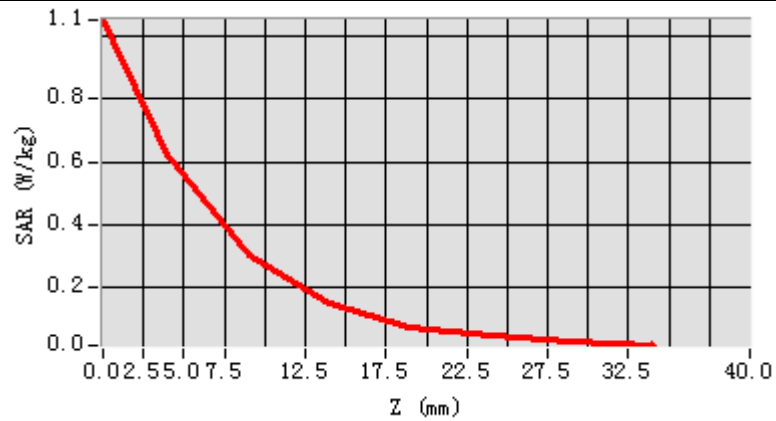


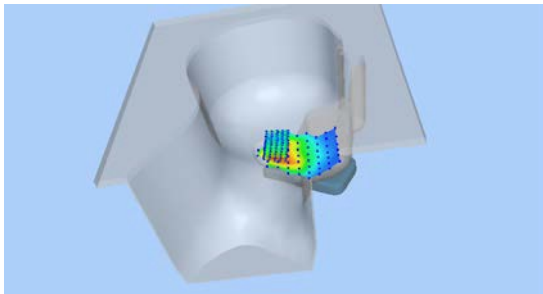
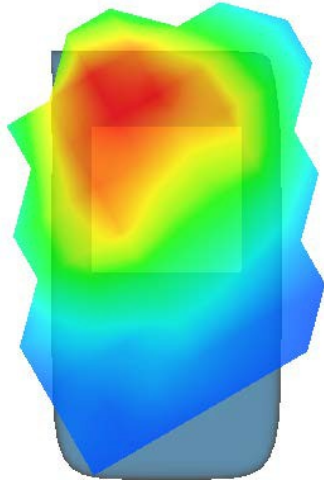
Maximum location: X=-1.00, Y=-16.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.088996
SAR1g (W/Kg)	0.197215

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0525	0.6234	0.3059	0.1471	0.0750	0.0454	0.0254



3D screen shot	Hot spot position
	

MEASUREMENT 84

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 53 seconds

A. Experimental conditions.

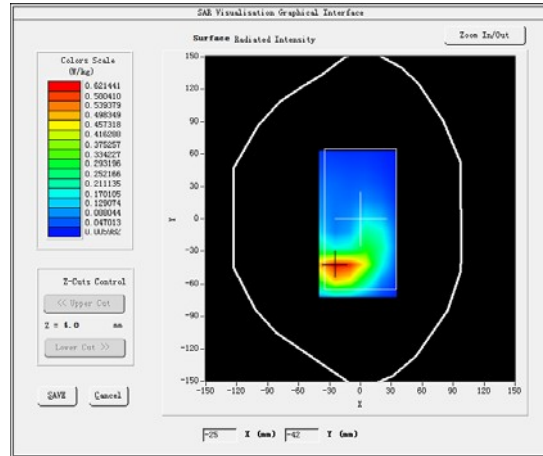
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>7-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

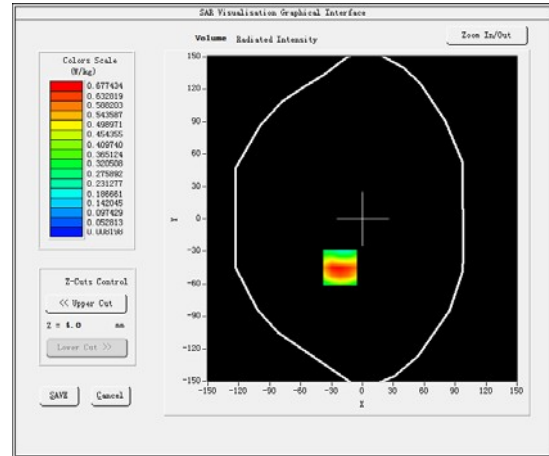
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-2.390000

SURFACE SAR



VOLUME SAR

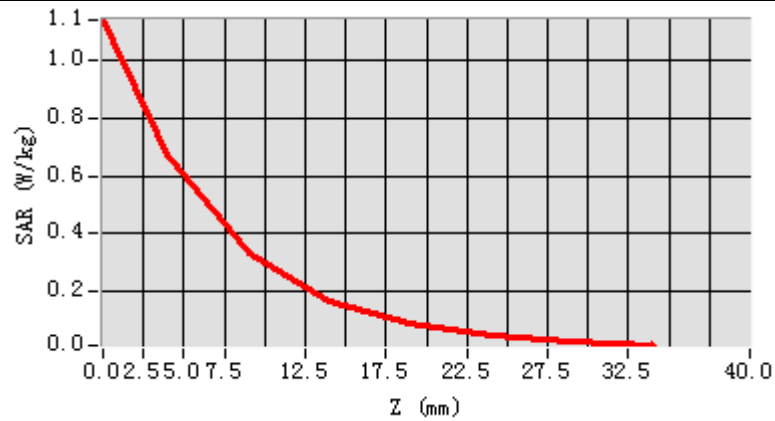


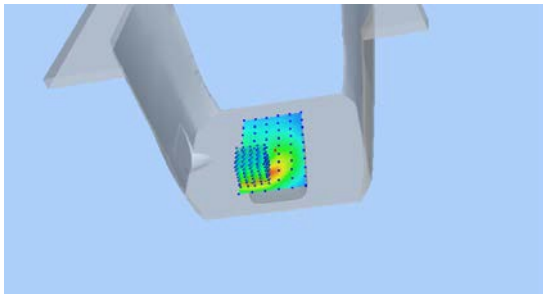
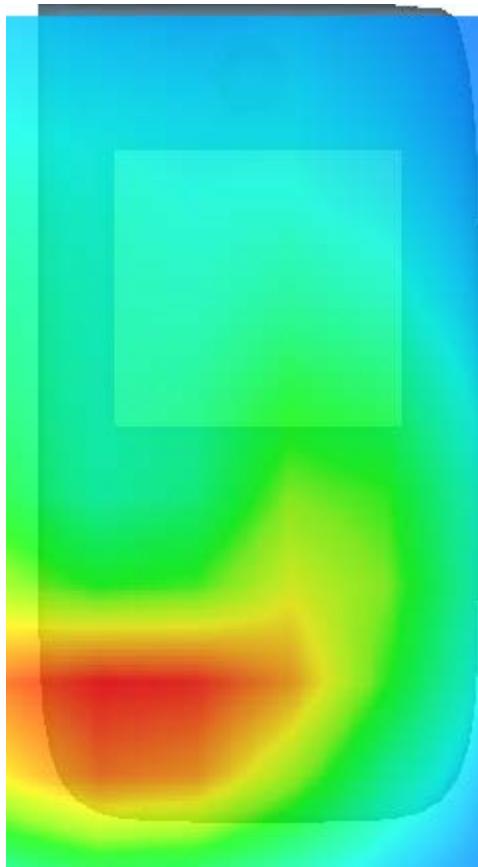
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.036418
SAR1g (W/Kg)	0.065187

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1403	0.6774	0.3349	0.1693	0.0868	0.0454	0.0244



3D screen shot	Hot spot position
	

MEASUREMENT 85

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

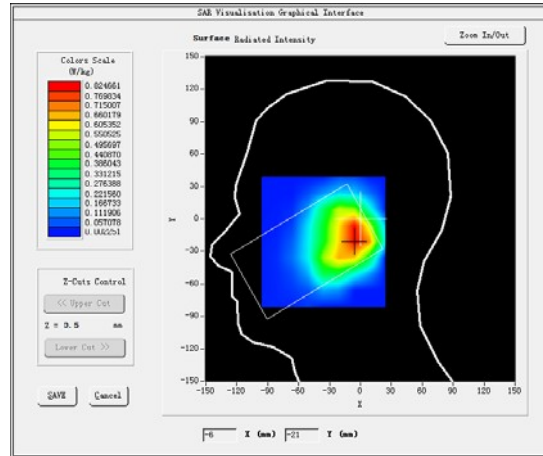
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Righteard</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>7-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

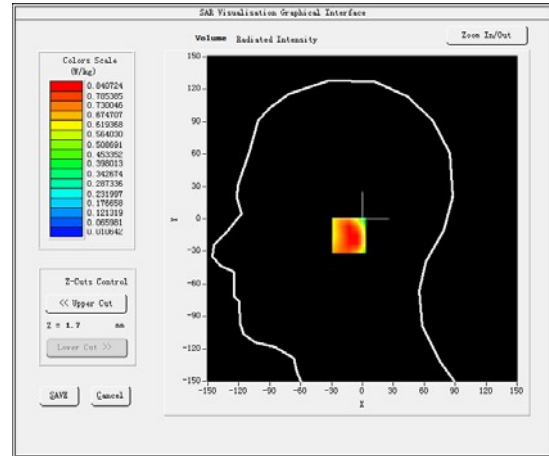
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-2.040000

SURFACE SAR



VOLUME SAR

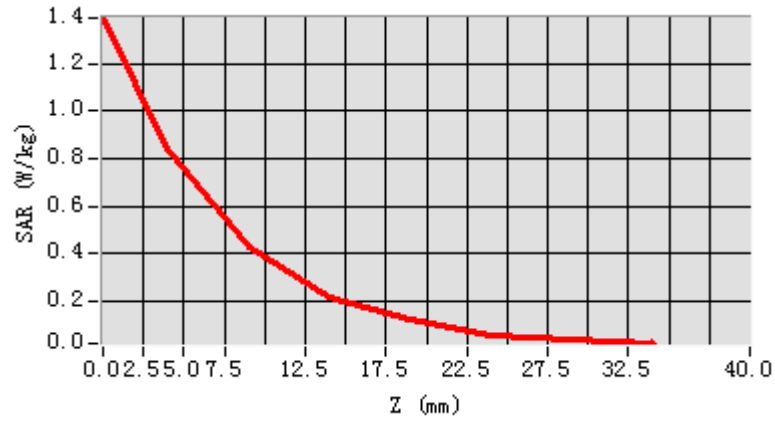


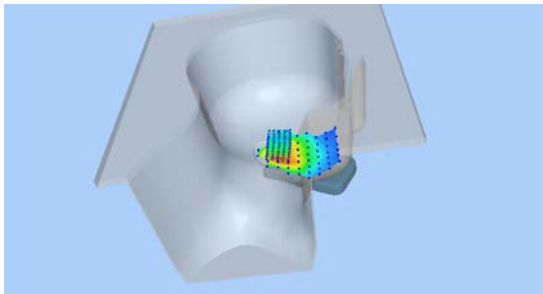
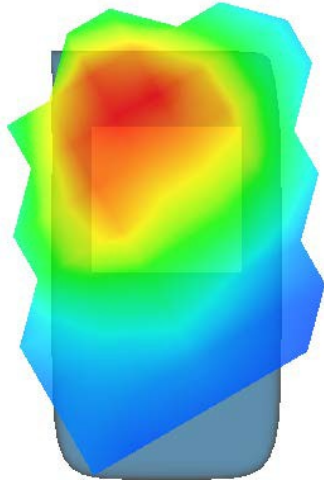
Maximum location: X = -5.00, Y = -15.00

SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.161284
SAR1g (W/Kg)	0.382659

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 86

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

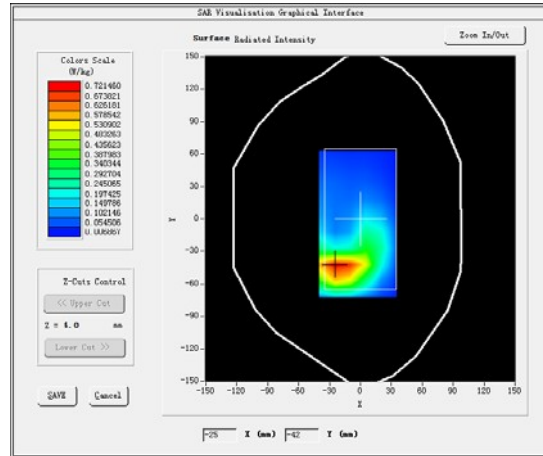
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>7-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

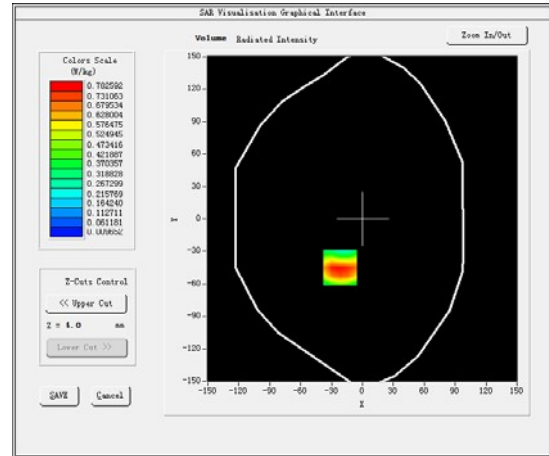
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	4.510000

SURFACE SAR



VOLUME SAR

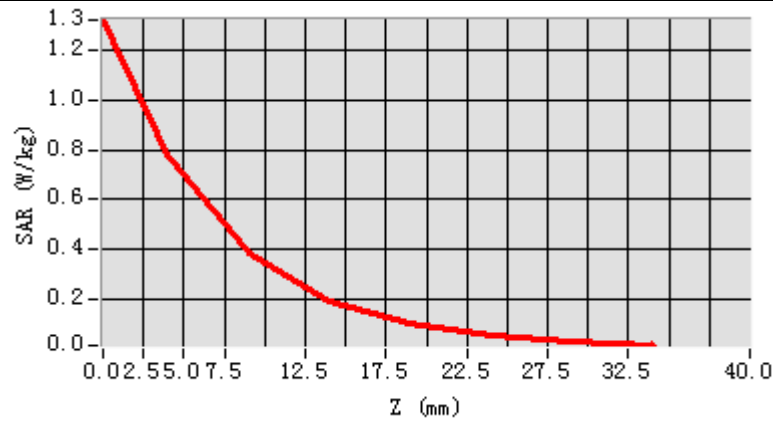


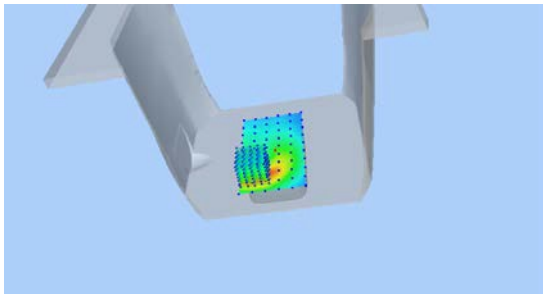
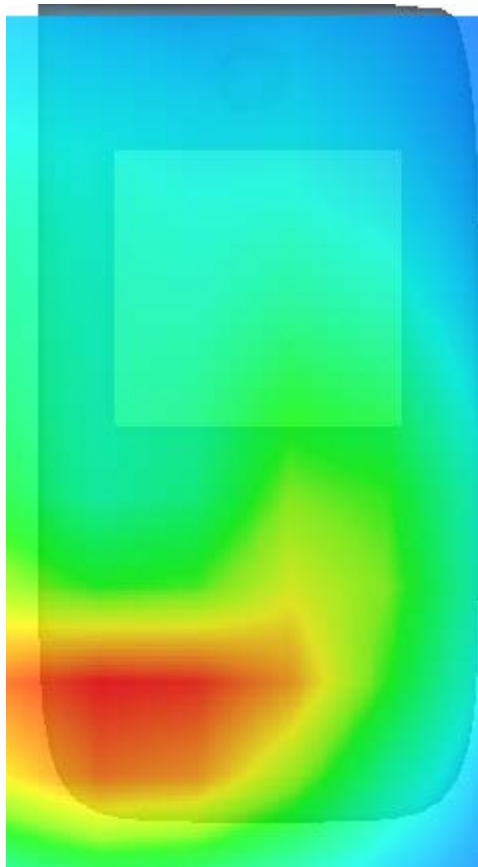
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.034159
SAR1g (W/Kg)	0.067215

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 87

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

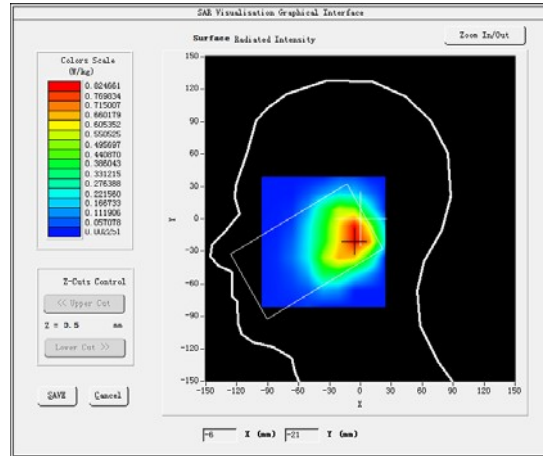
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>7-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

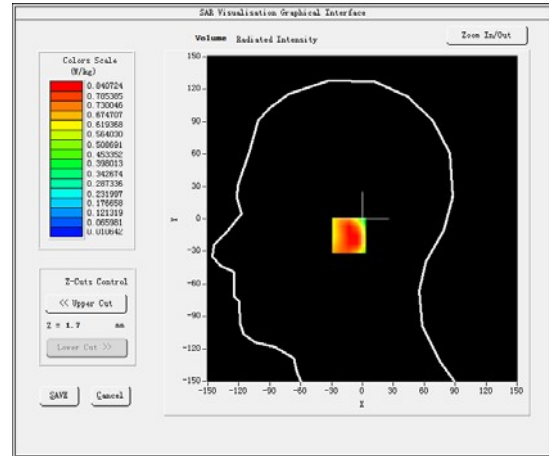
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-0.750000

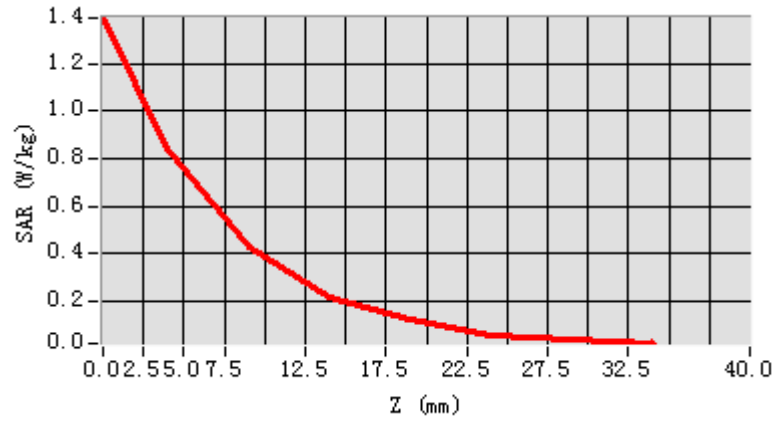
SURFACE SAR

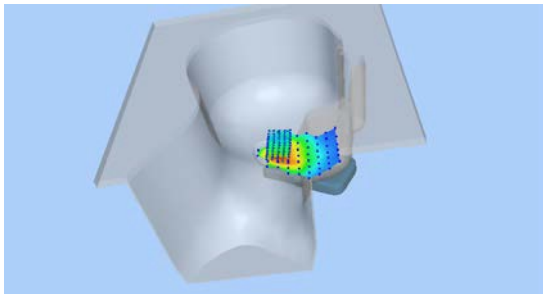
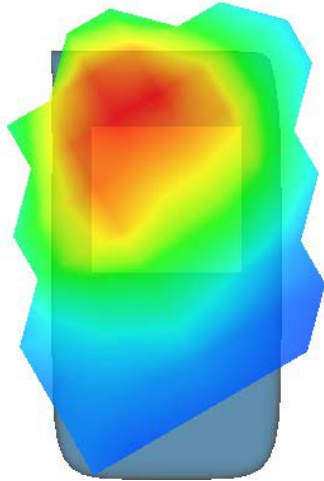


VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 88

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

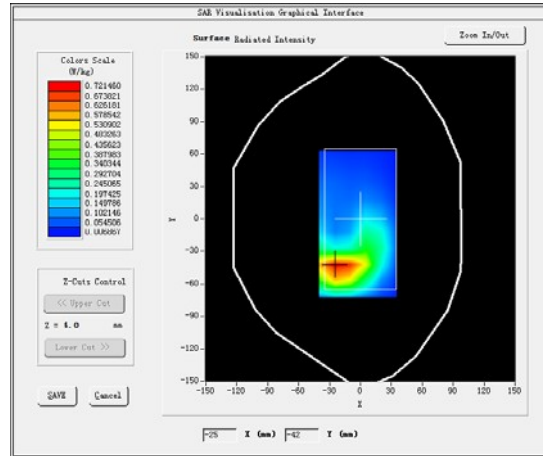
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>7-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

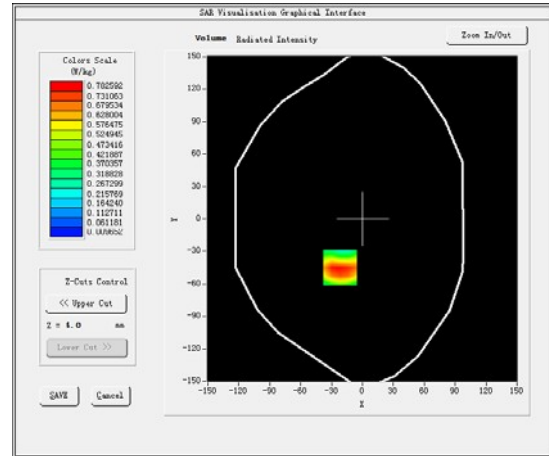
Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	4.510000

SURFACE SAR



VOLUME SAR

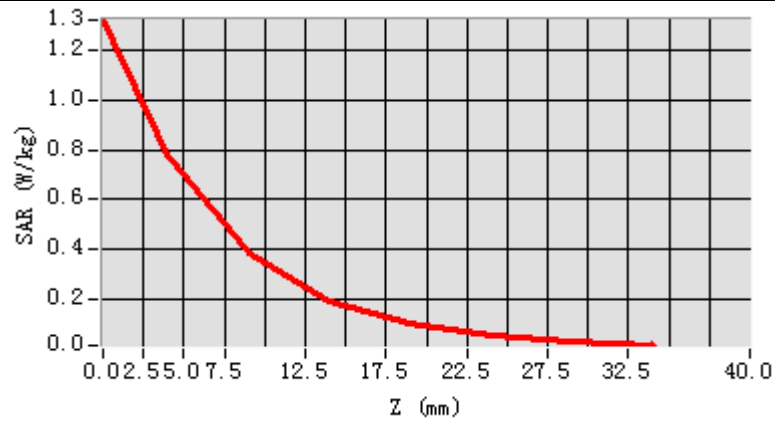


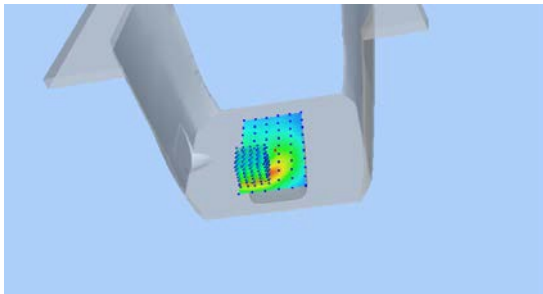
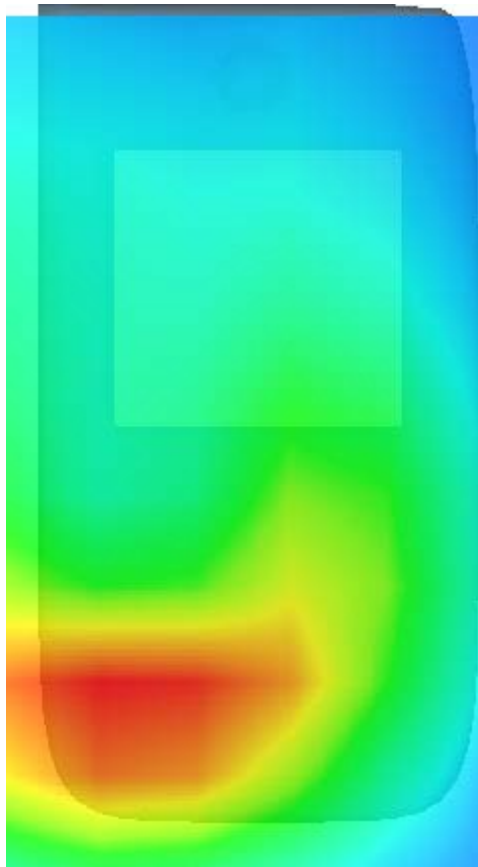
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.034219
SAR1g (W/Kg)	0.067158

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 89

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 51 seconds

C. Experimental conditions.

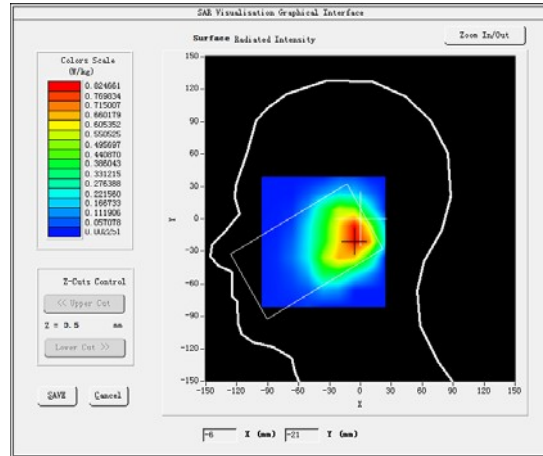
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>38-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

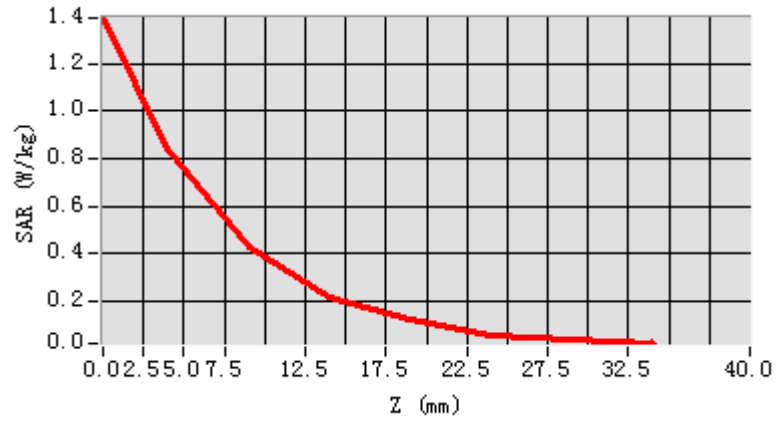
Middle Band SAR (Channel 38225):

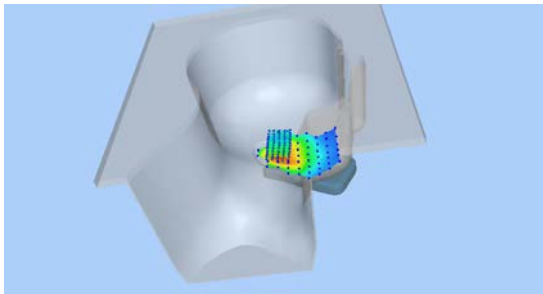
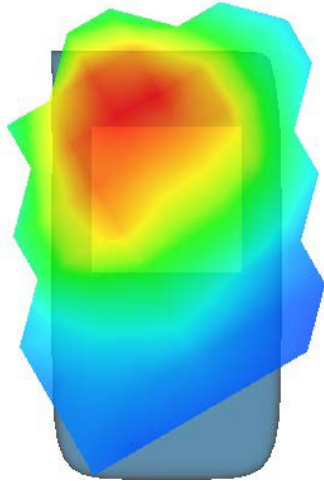
Frequency (MHz)	2617.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	3.950000

SURFACE SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 90

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 45 seconds

C. Experimental conditions.

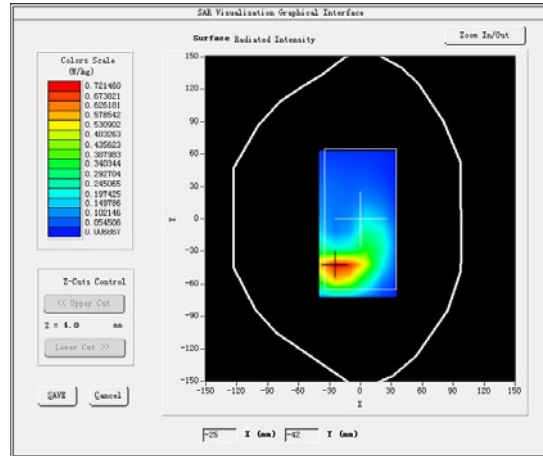
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>38-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

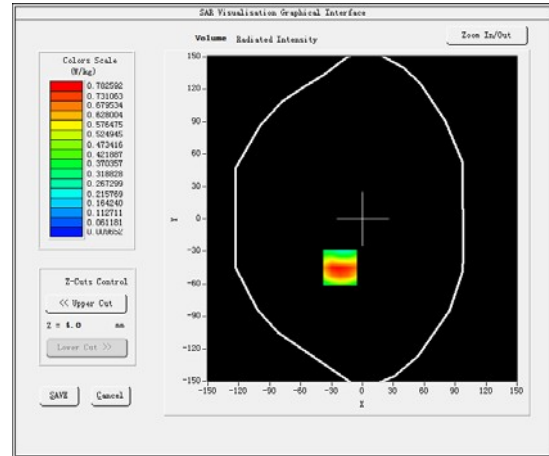
Middle Band SAR (Channel 38000):

Frequency (MHz)	2595.000000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-4.950000

SURFACE SAR



VOLUME SAR

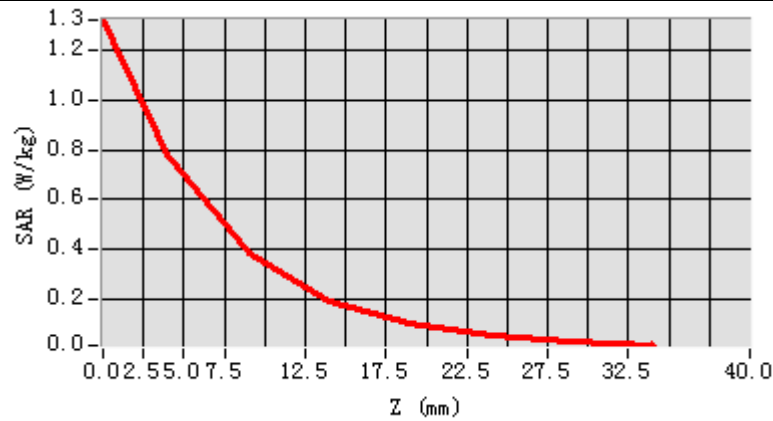


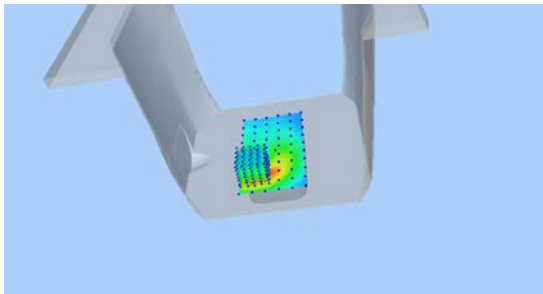
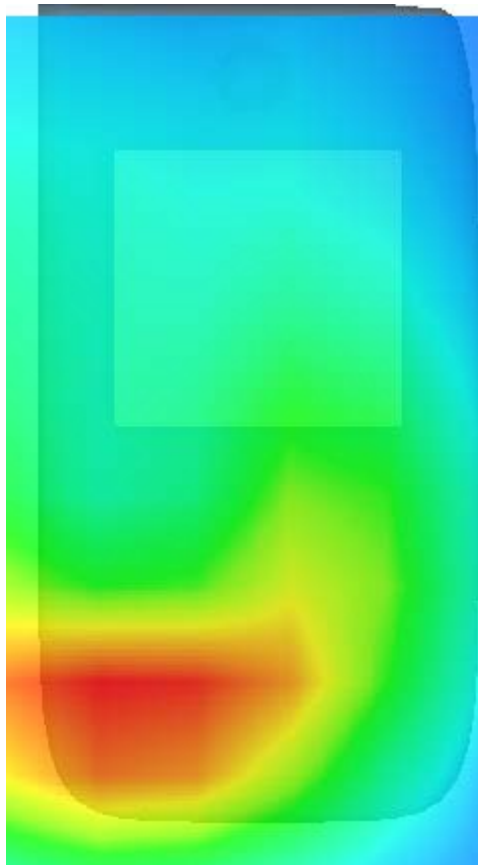
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.037956
SAR1g (W/Kg)	0.076028

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 91

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 51 seconds

E. Experimental conditions.

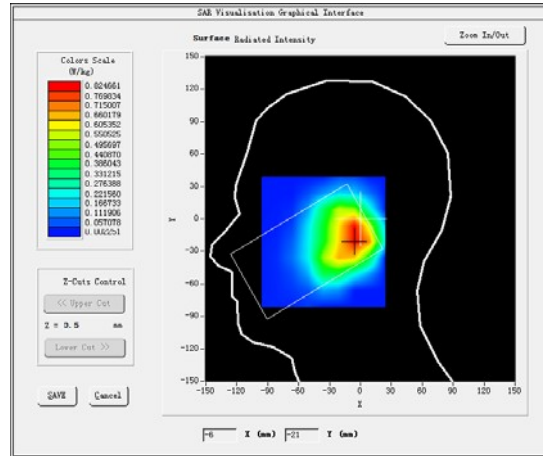
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Lift head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>41-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

F. SAR Measurement Results

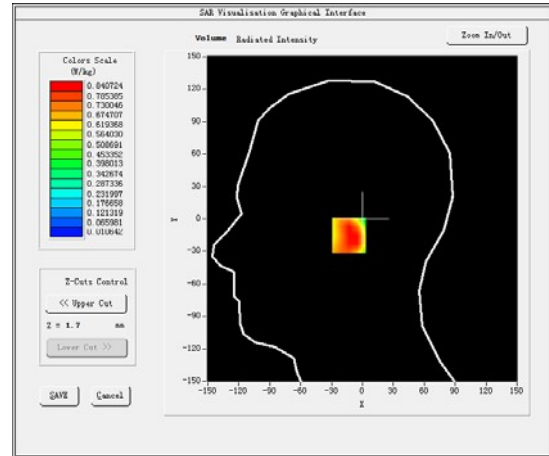
Middle Band SAR (Channel 41565):

Frequency (MHz)	2687.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	0.550000

SURFACE SAR



VOLUME SAR

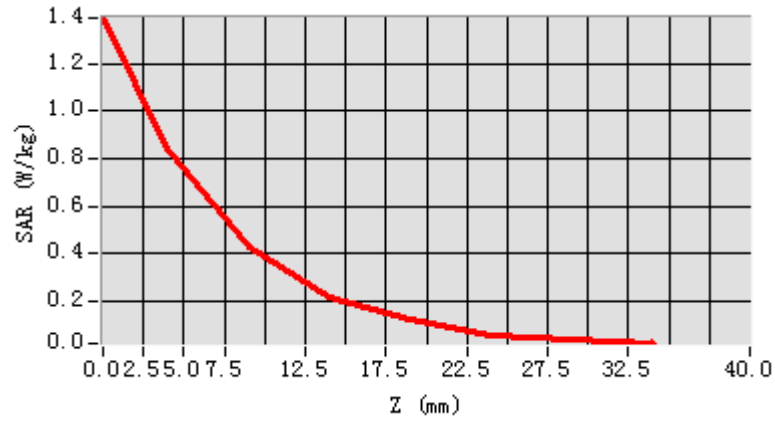


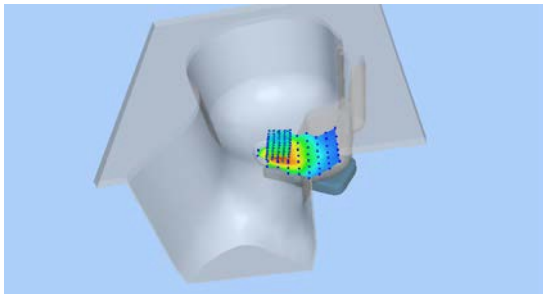
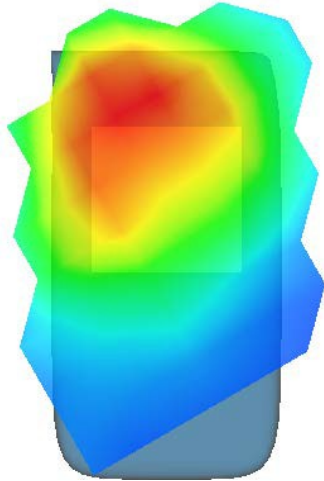
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.034625
SAR1g (W/Kg)	0.078596

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 92

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 45 seconds

E. Experimental conditions.

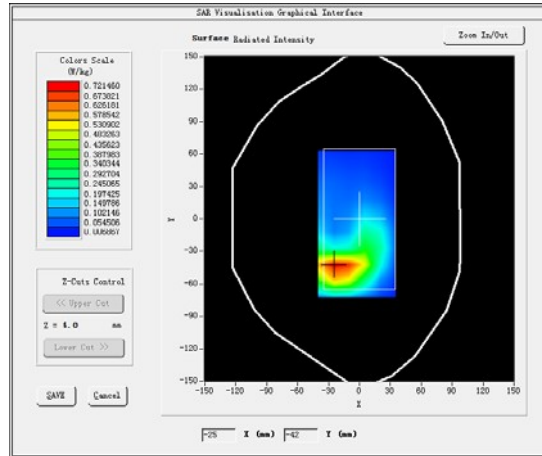
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>41-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

F. SAR Measurement Results

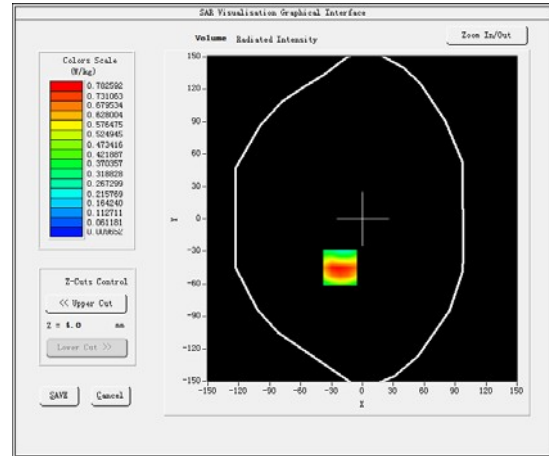
Middle Band SAR (Channel 41565):

Frequency (MHz)	2687.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	0.410000

SURFACE SAR



VOLUME SAR

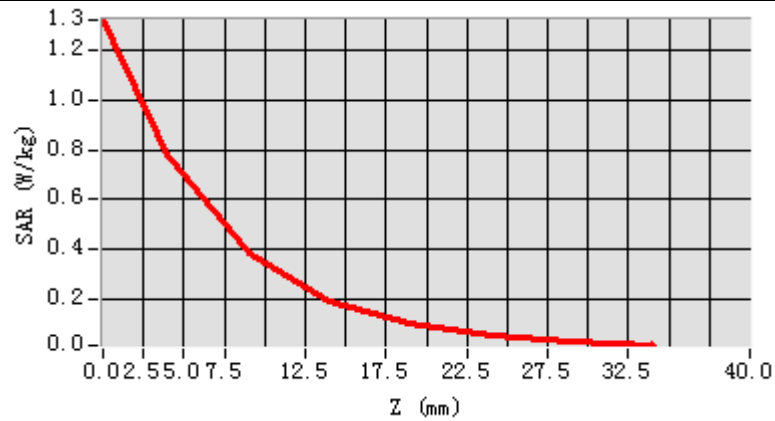


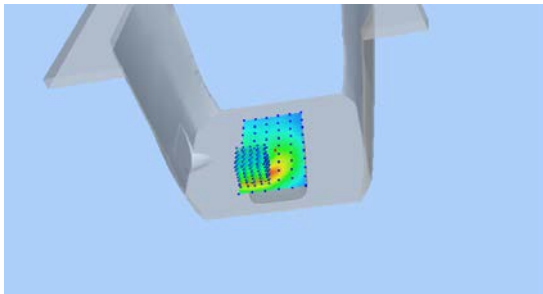
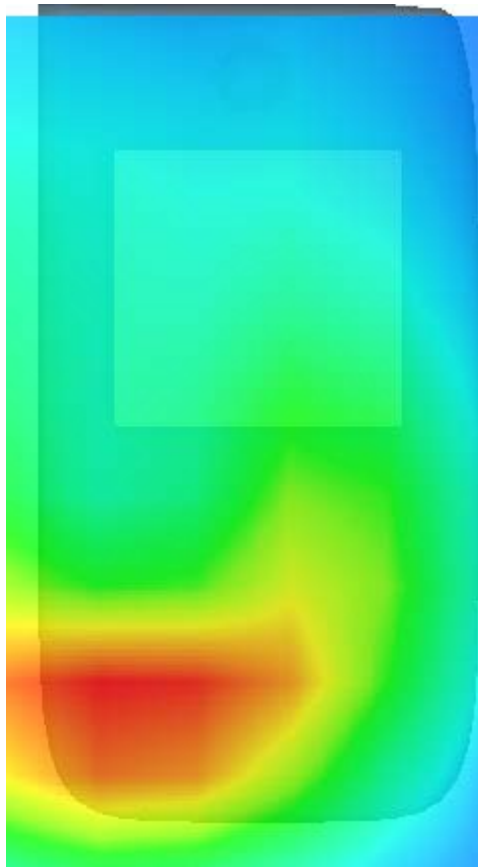
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.025114
SAR1g (W/Kg)	0.048236

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 93

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

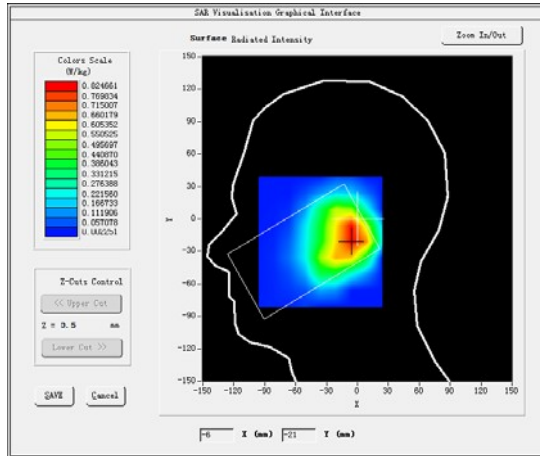
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tilt</u>
<u>Band</u>	<u>41-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

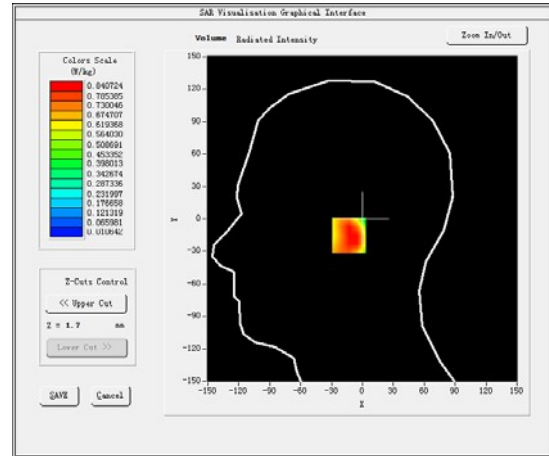
Middle Band SAR (Channel 41565):

Frequency (MHz)	2687.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-4.460000

SURFACE SAR



VOLUME SAR

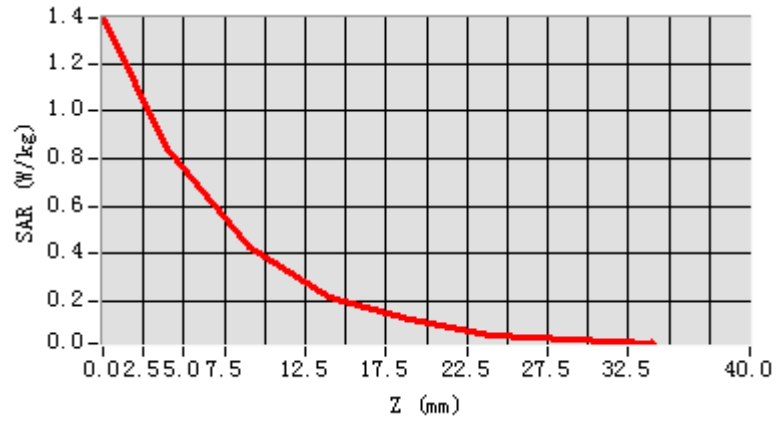


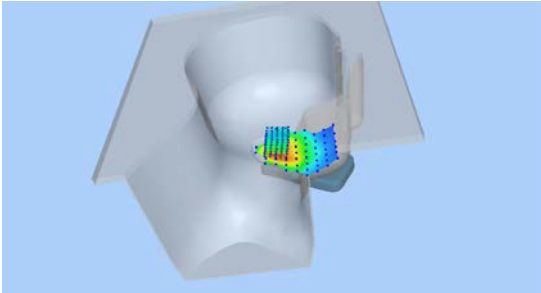
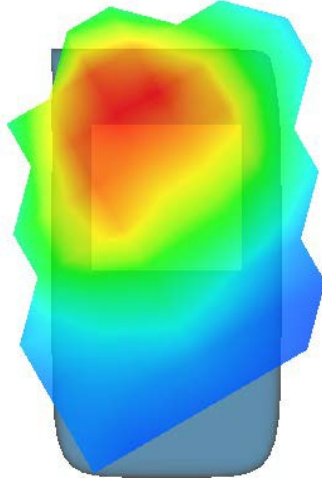
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.030569
SAR1g (W/Kg)	0.072156

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 94

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

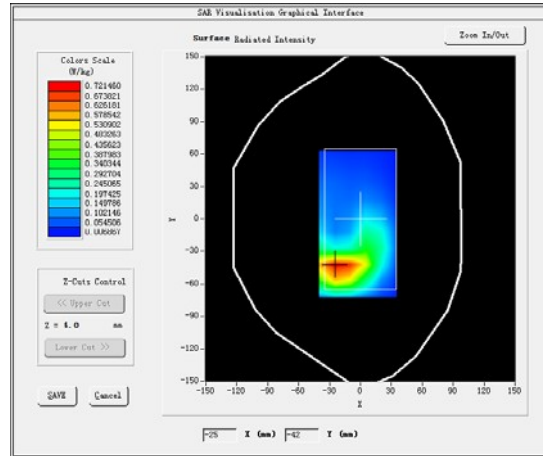
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>41-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

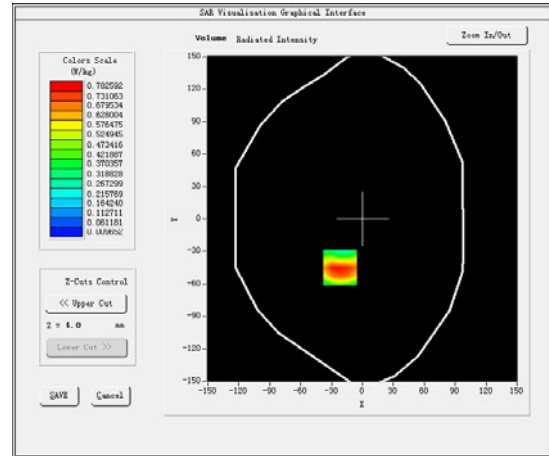
Middle Band SAR (Channel 41565):

Frequency (MHz)	2687.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-4.810000

SURFACE SAR



VOLUME SAR

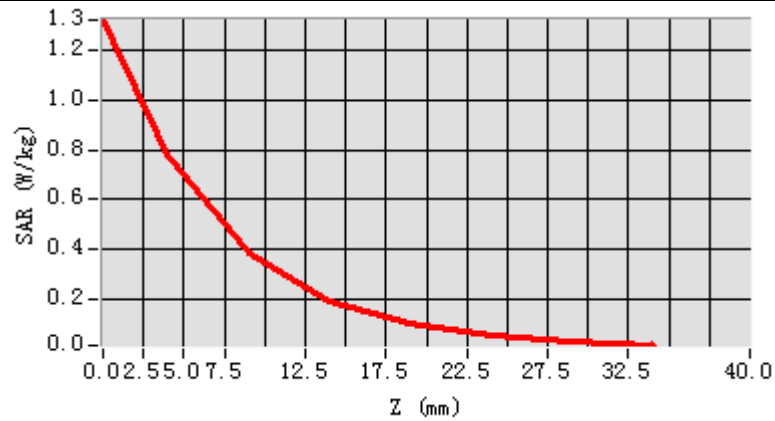


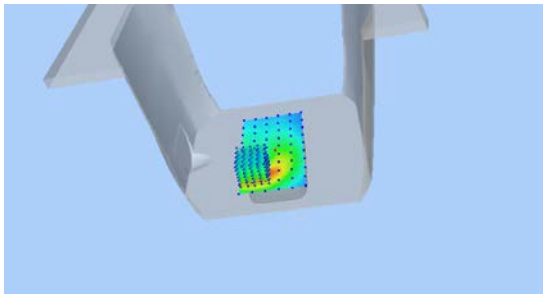
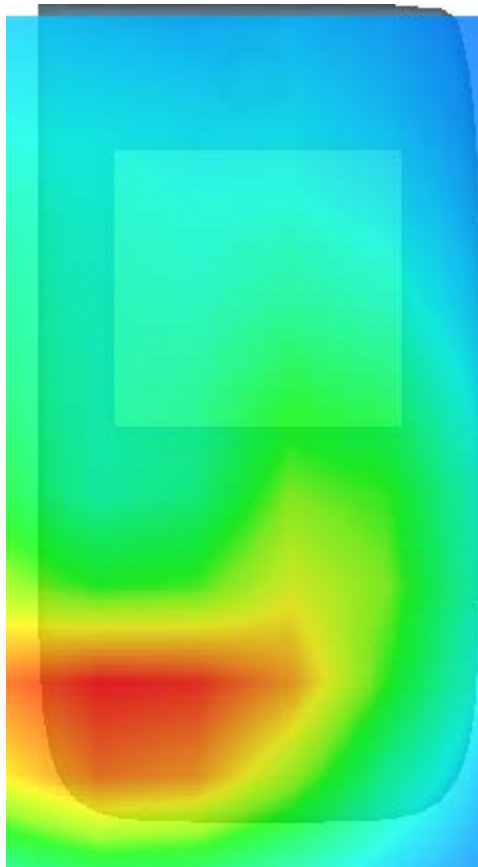
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.026312
SAR1g (W/Kg)	0.049683

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 95

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 7 minutes 51 seconds

C. Experimental conditions.

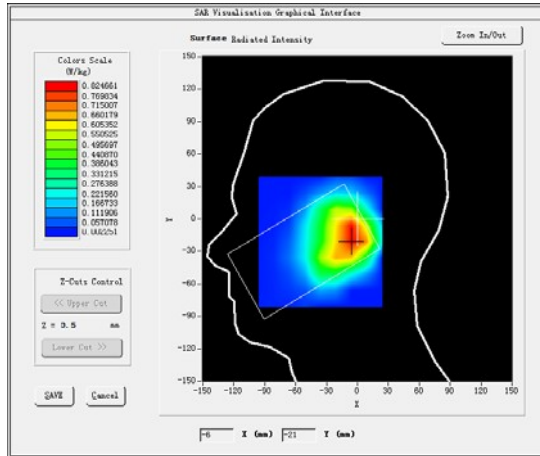
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>41-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

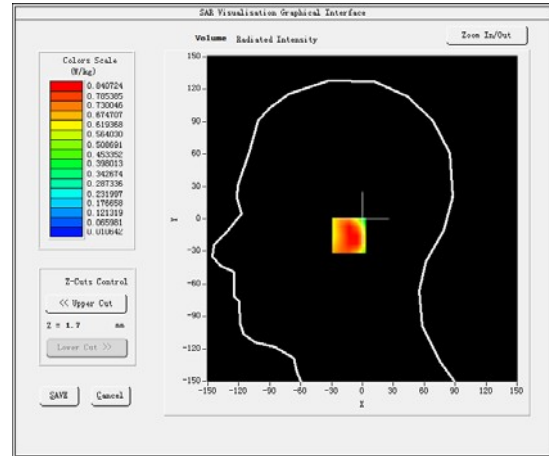
Middle Band SAR (Channel 41565):

Frequency (MHz)	2687.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-2.540000

SURFACE SAR



VOLUME SAR

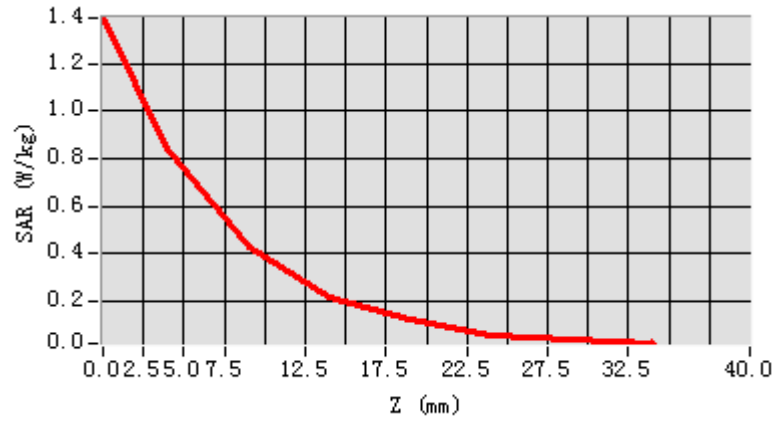


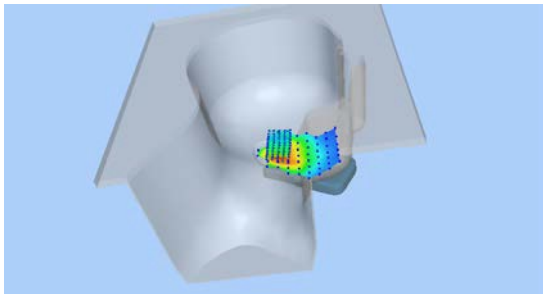
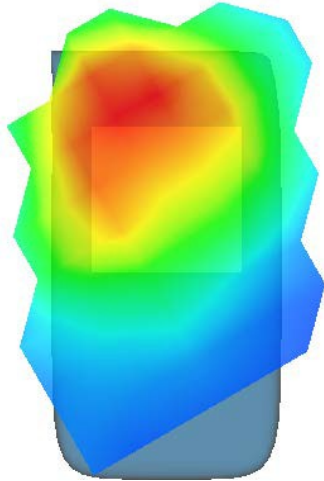
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.080534
SAR1g (W/Kg)	0.204596

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 96

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 31/10/2024

Measurement duration: 6 minutes 45 seconds

C. Experimental conditions.

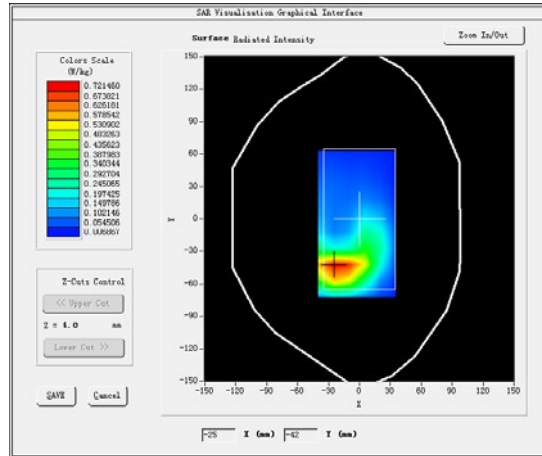
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>41-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

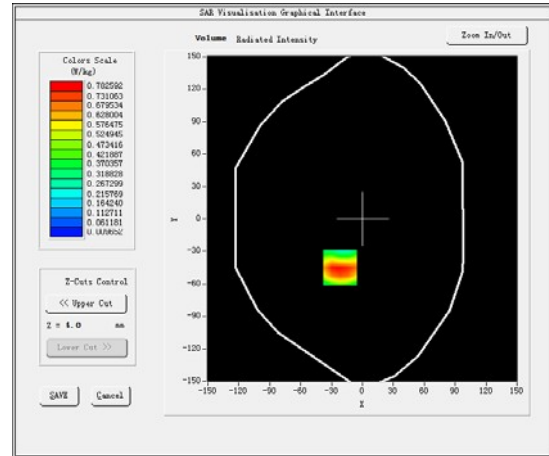
Middle Band SAR (Channel 41565):

Frequency (MHz)	2687.500000
Relative permittivity (real part)	39.871280
Relative permittivity (imaginary part)	18.742216
Conductivity (S/m)	1.943201
Variation (%)	-0.720000

SURFACE SAR



VOLUME SAR

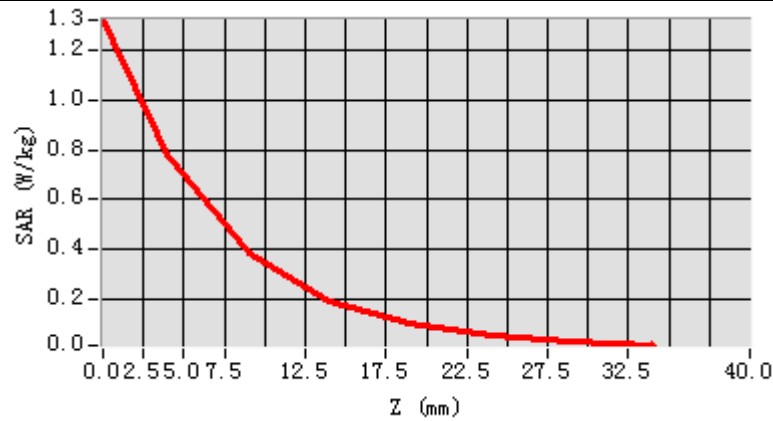


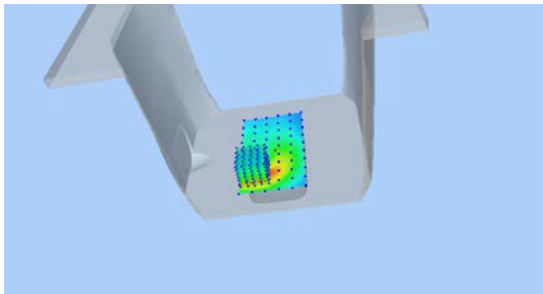
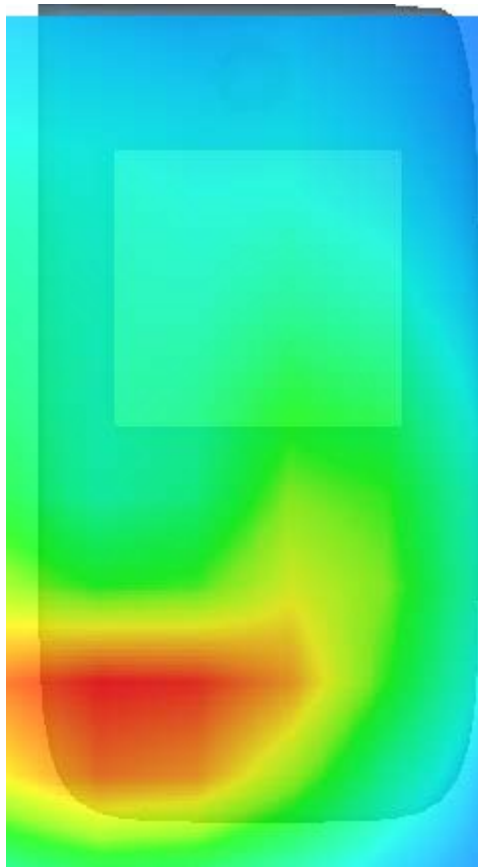
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.040388
SAR1g (W/Kg)	0.078152

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 97

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

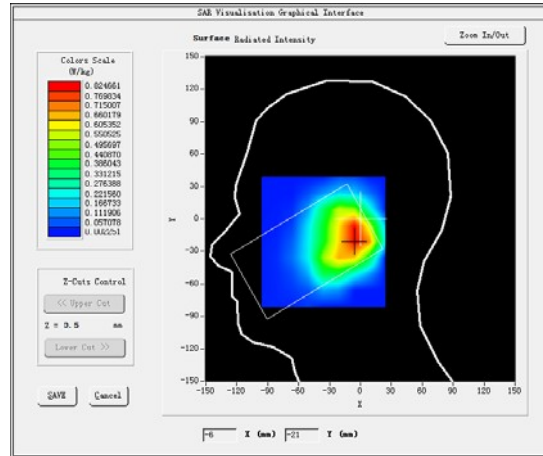
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>66-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

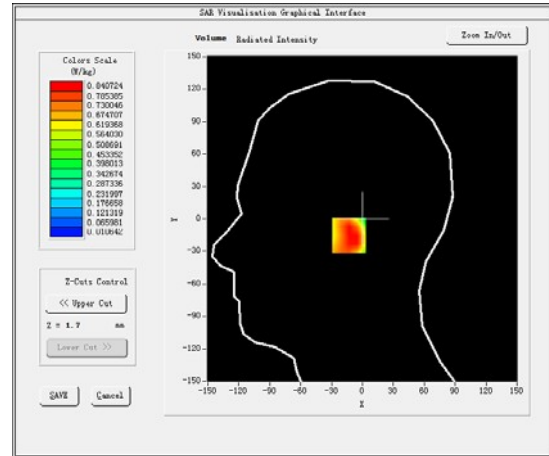
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-2.750000

SURFACE SAR



VOLUME SAR

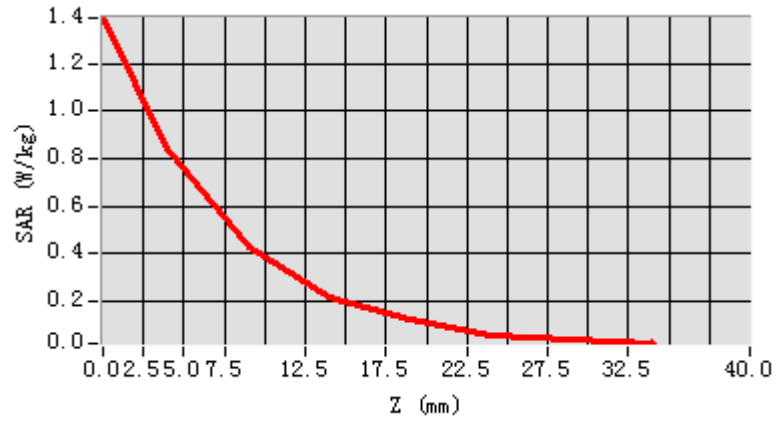


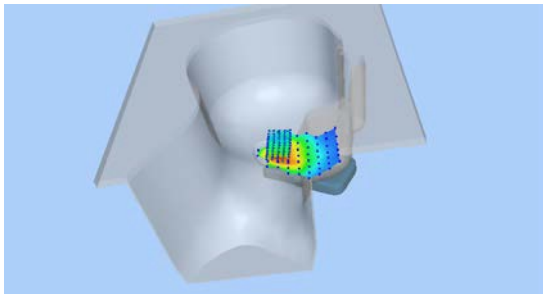
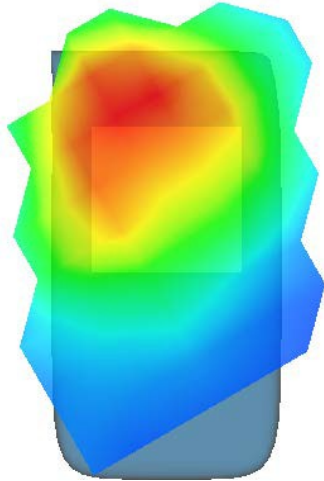
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.134401
SAR1g (W/Kg)	0.264362

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 98

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

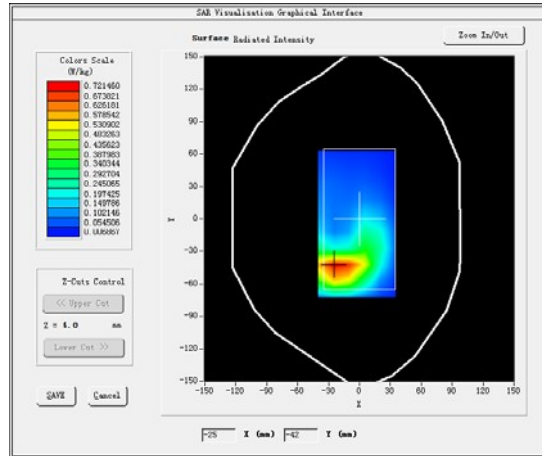
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>66-N7</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

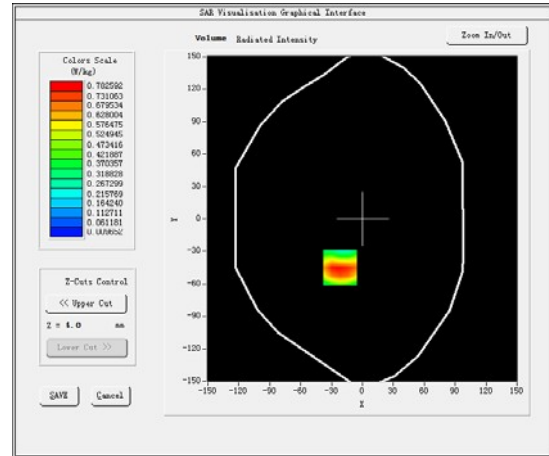
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-4.220000

SURFACE SAR



VOLUME SAR

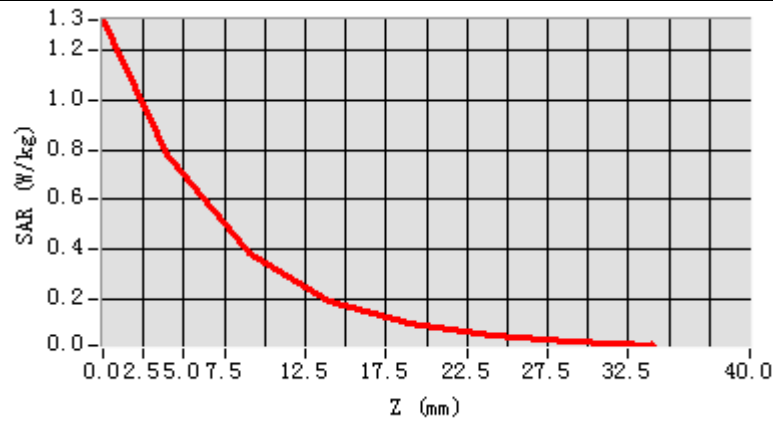


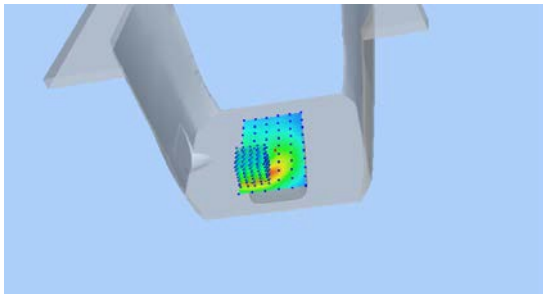
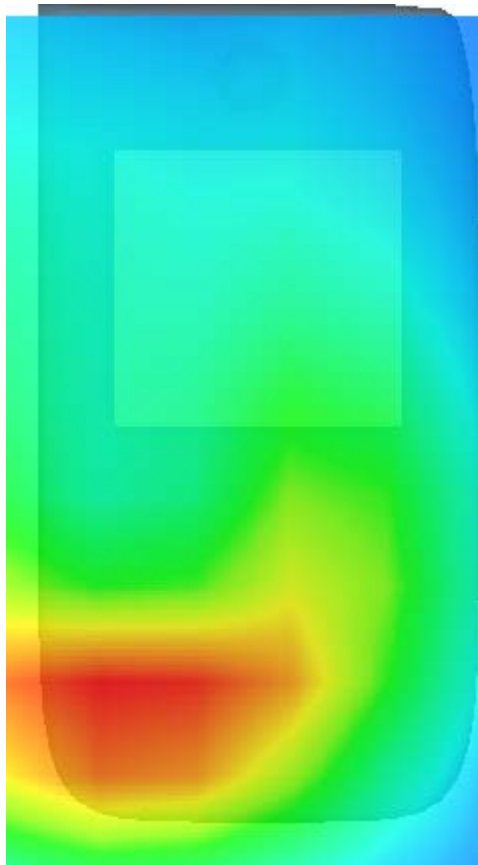
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.075108
SAR1g (W/Kg)	0.152642

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 99

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

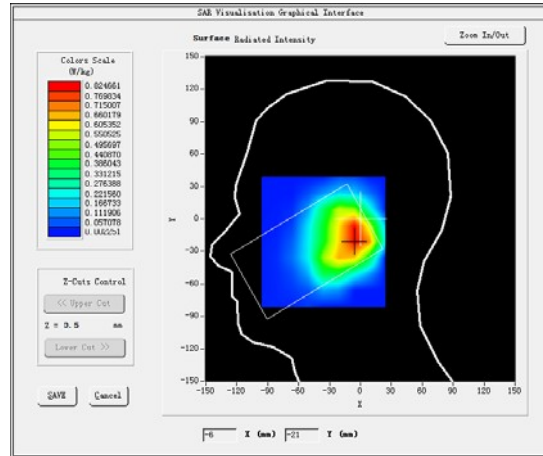
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>66-N38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

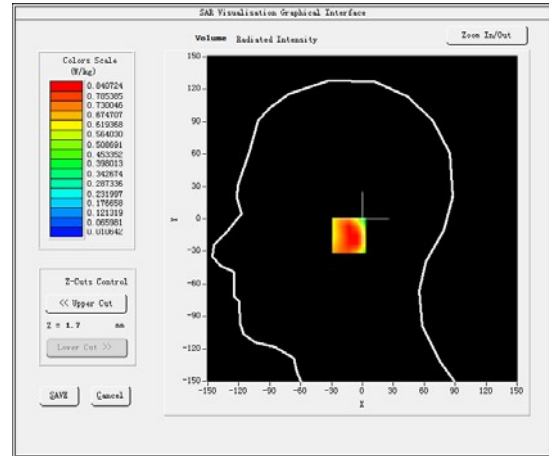
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	4.060000

SURFACE SAR



VOLUME SAR

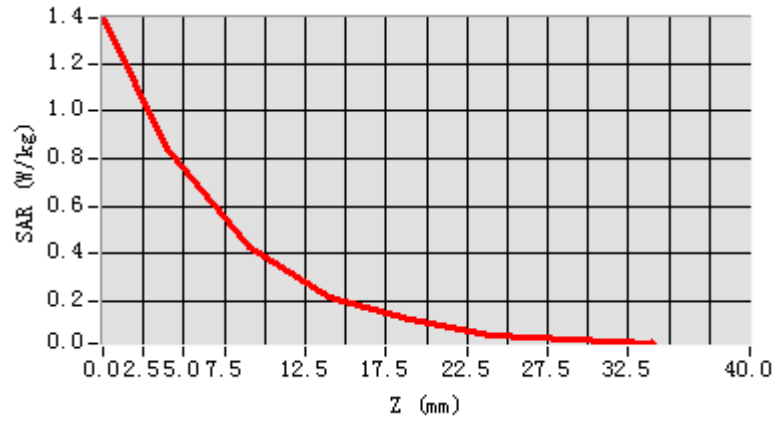


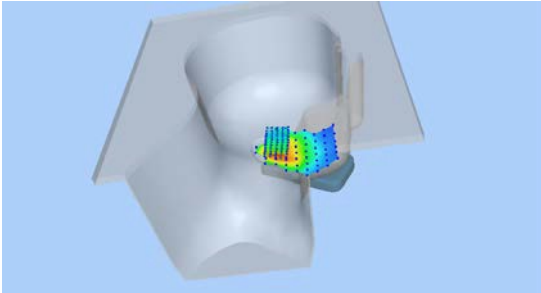
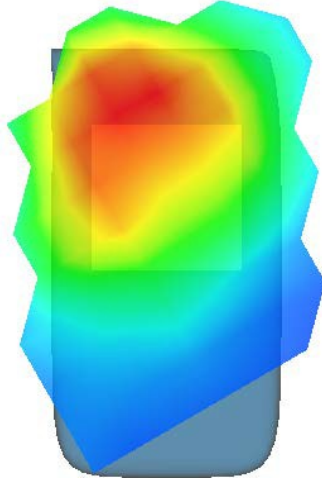
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.45 W/kg

SAR 10g (W/Kg)	0.112195
SAR1g (W/Kg)	0.275347

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 100

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

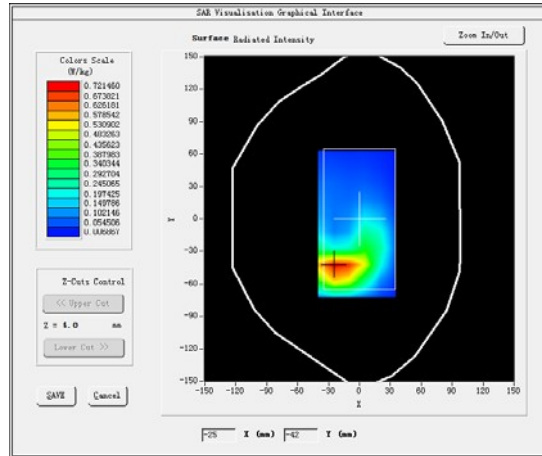
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>66-N38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

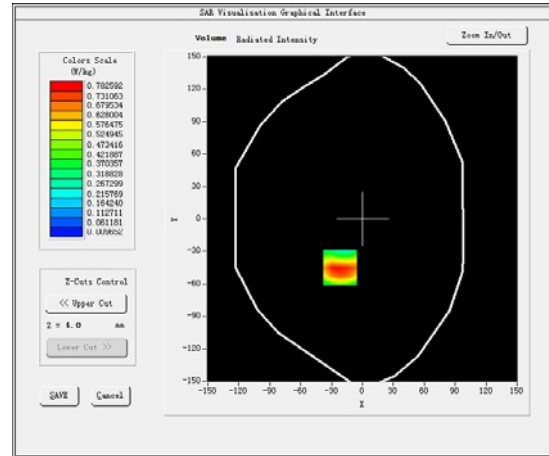
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-4.410000

SURFACE SAR



VOLUME SAR

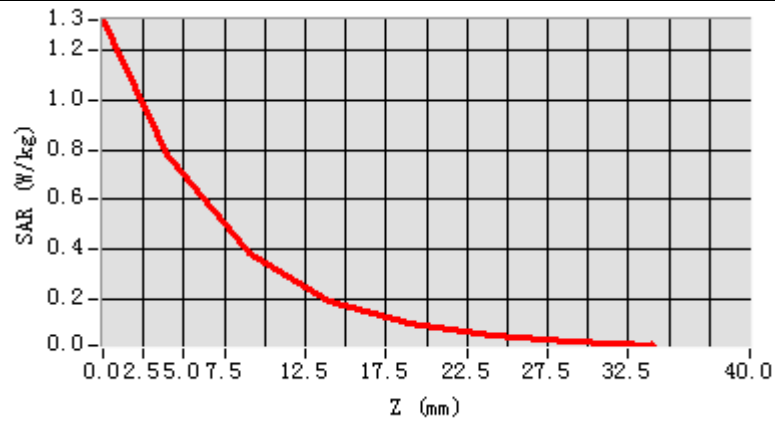


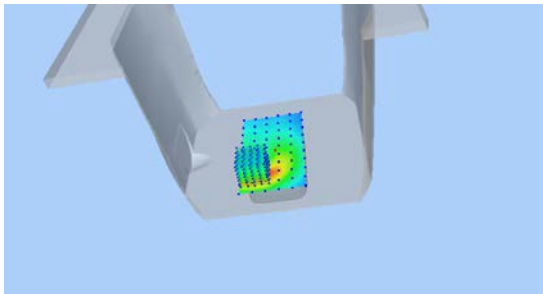
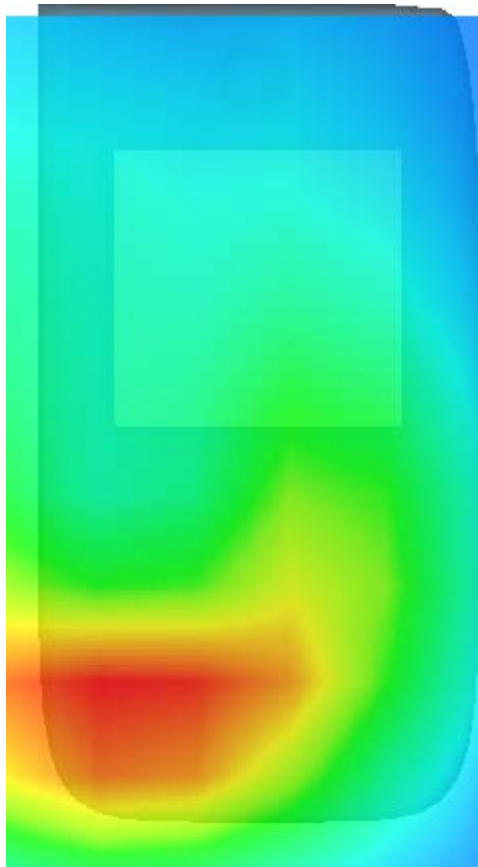
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.032015
SAR1g (W/Kg)	0.068956

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 101

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 51 seconds

C. Experimental conditions.

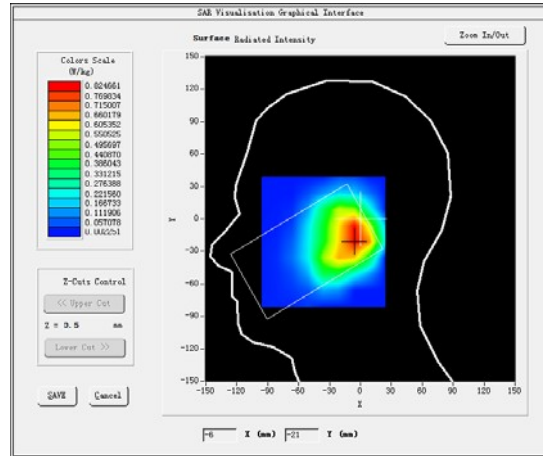
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>66-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

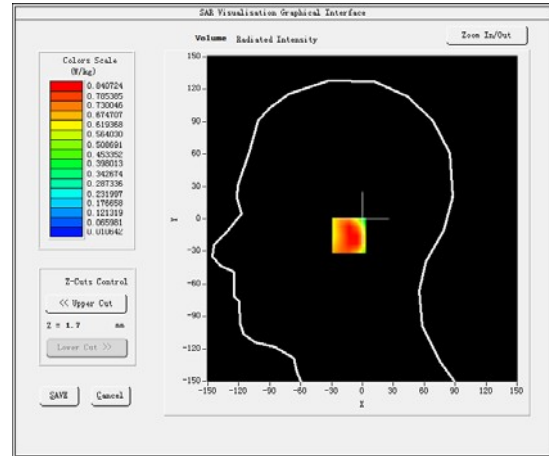
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	4.220000

SURFACE SAR



VOLUME SAR

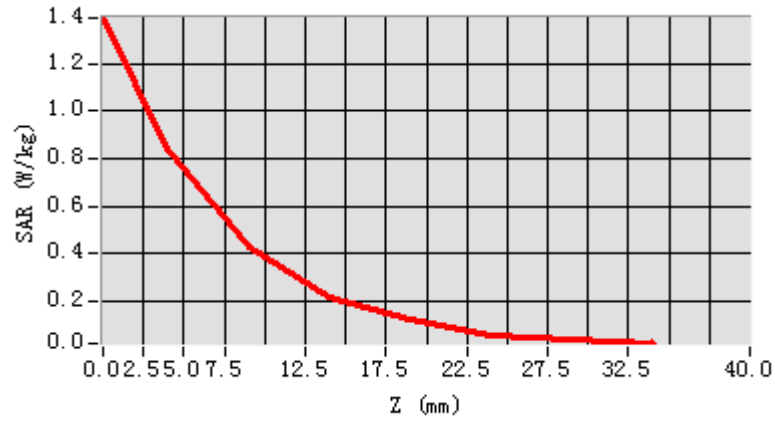


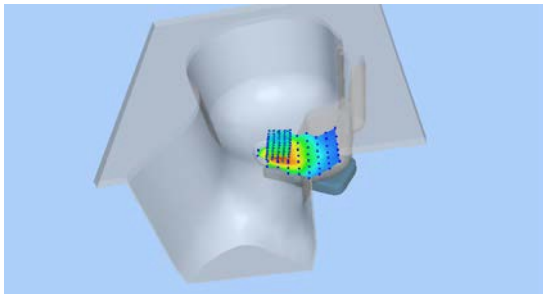
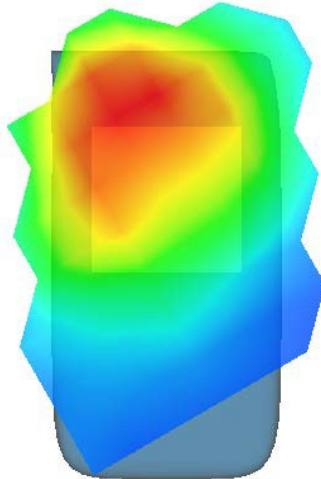
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)	0.045016
SAR1g (W/Kg)	0.106258

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 102

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 45 seconds

C. Experimental conditions.

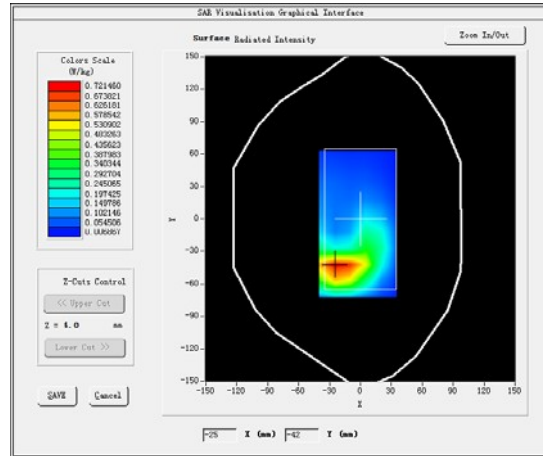
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>66-N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

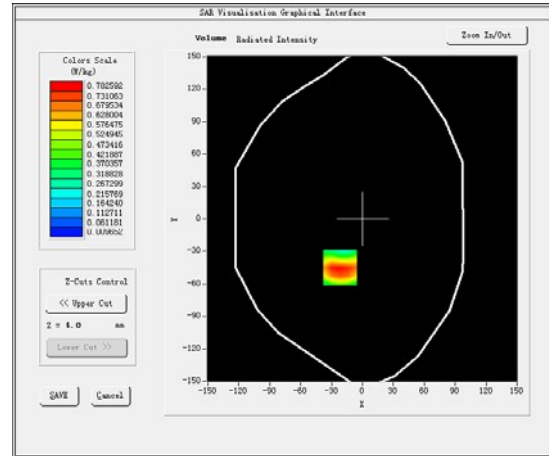
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-4.550000

SURFACE SAR



VOLUME SAR

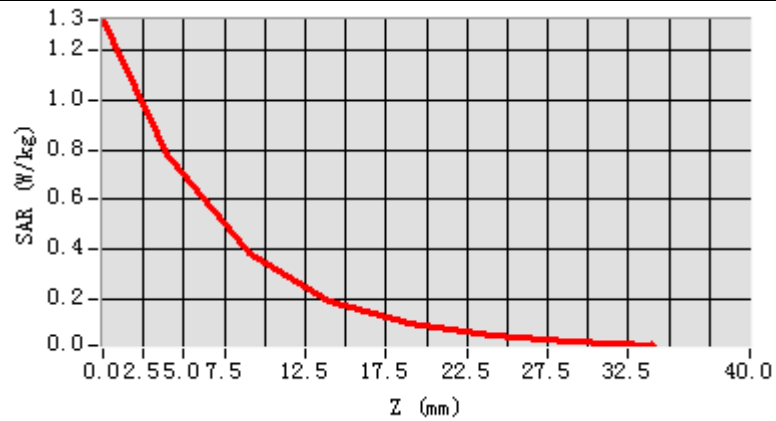


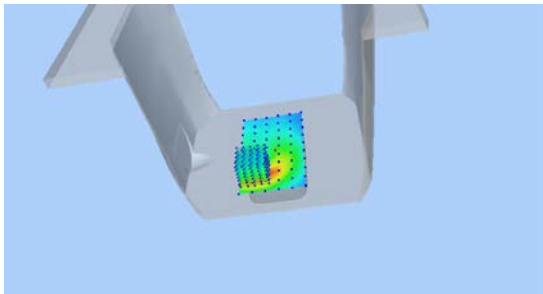
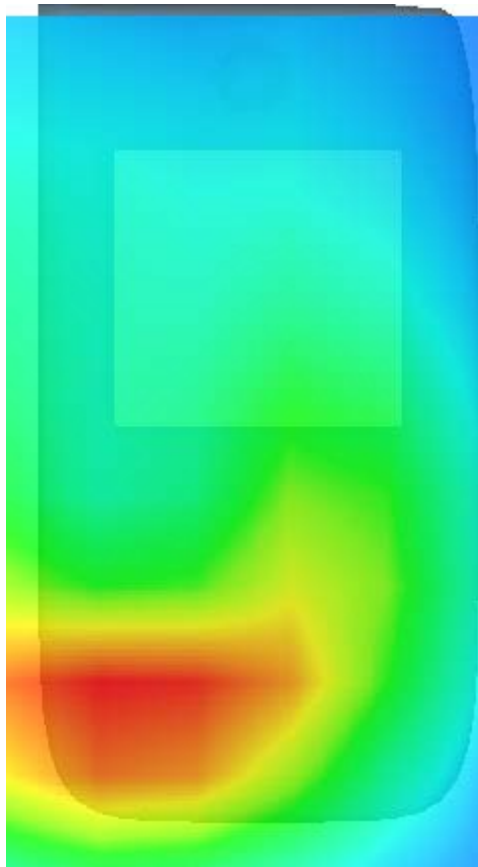
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.018526
SAR1g (W/Kg)	0.034157

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 103

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

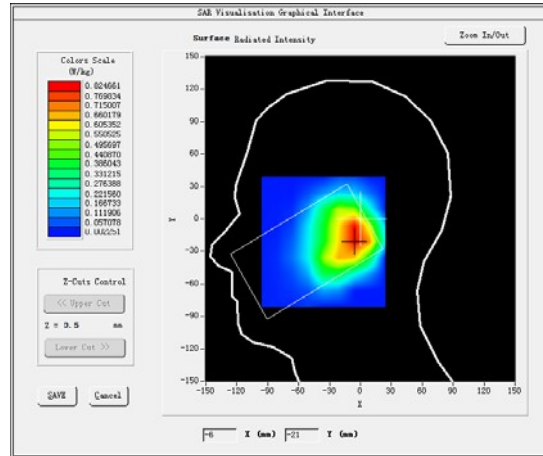
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>66-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

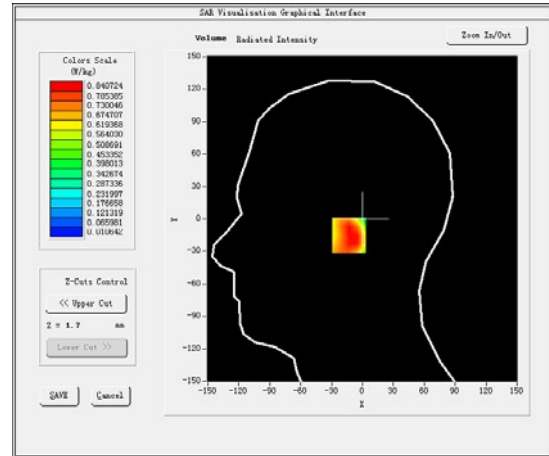
Middle Band SAR (Channel 132332):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	1.380000

SURFACE SAR



VOLUME SAR

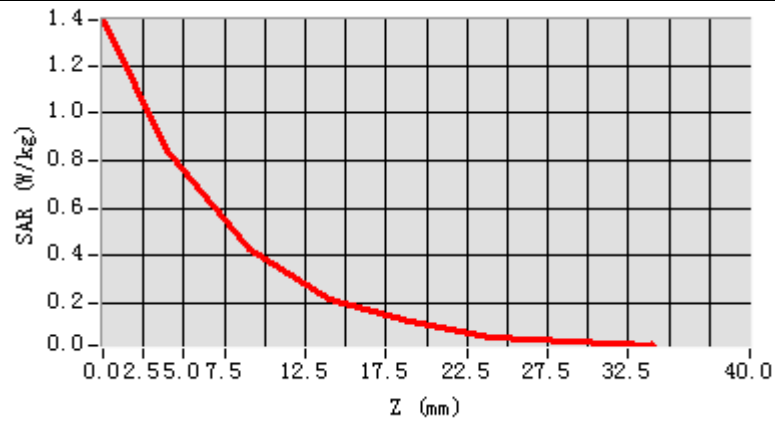


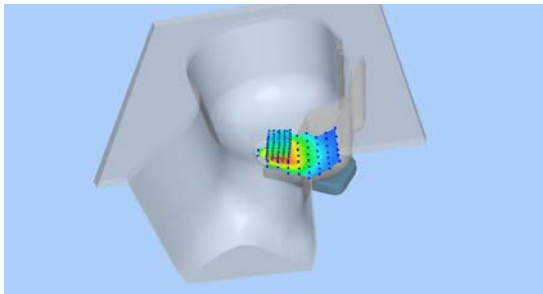
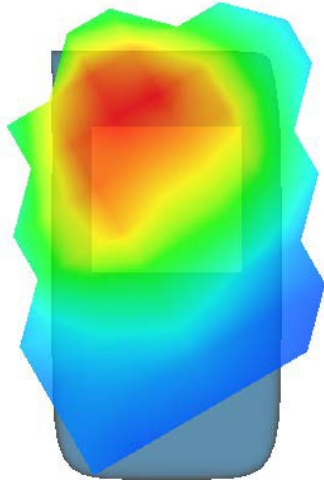
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.72 W/kg

SAR 10g (W/Kg)	0.084416
SAR1g (W/Kg)	0.186254

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 104

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

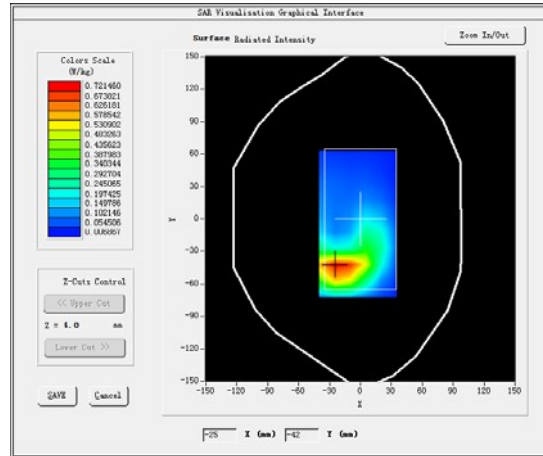
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>66-N66</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

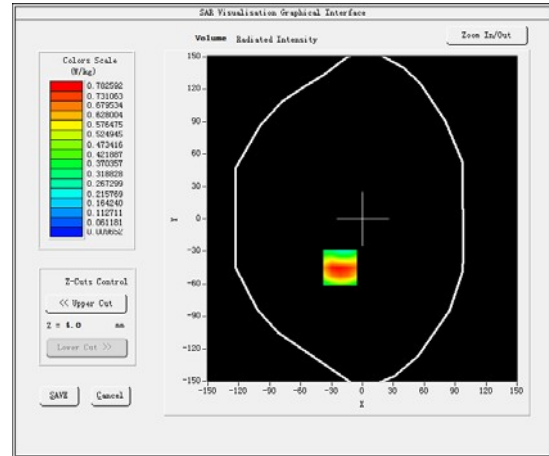
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-3.580000

SURFACE SAR



VOLUME SAR

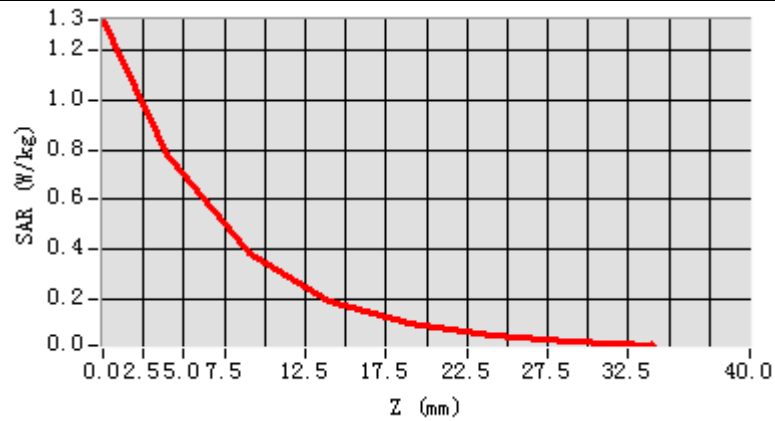


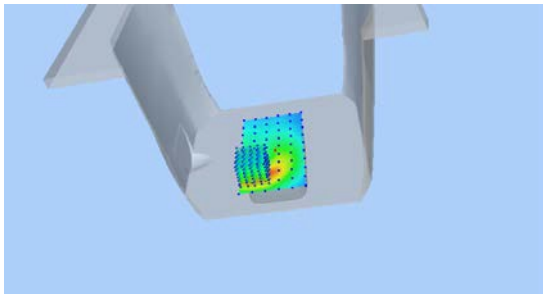
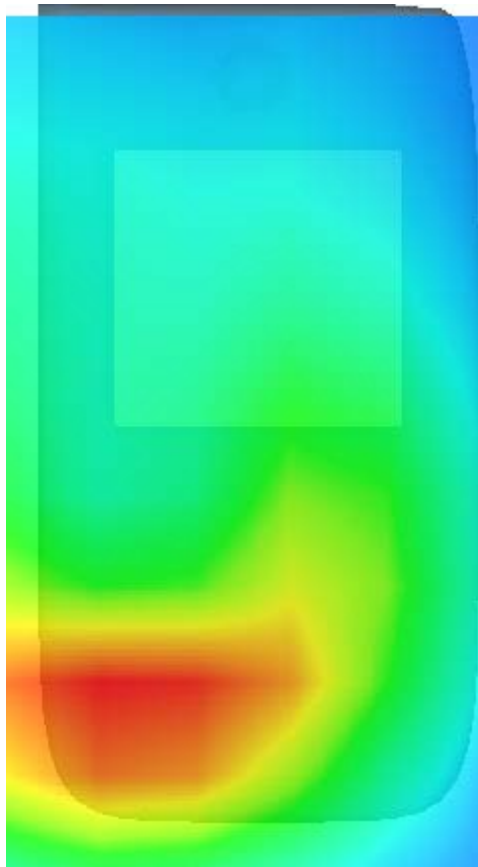
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 1.07 W/kg

SAR 10g (W/Kg)	0.042187
SAR1g (W/Kg)	0.074851

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 105

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

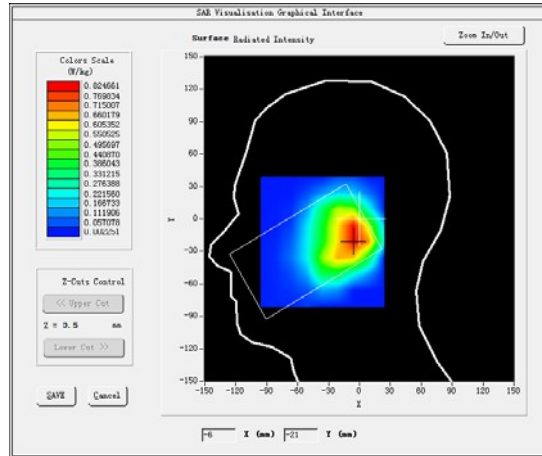
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Lift head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>66-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

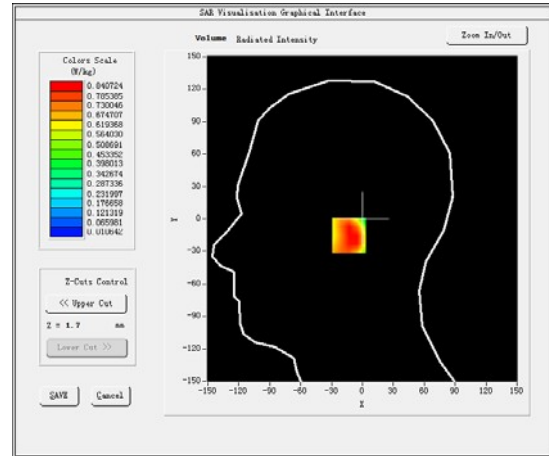
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	4.190000

SURFACE SAR



VOLUME SAR

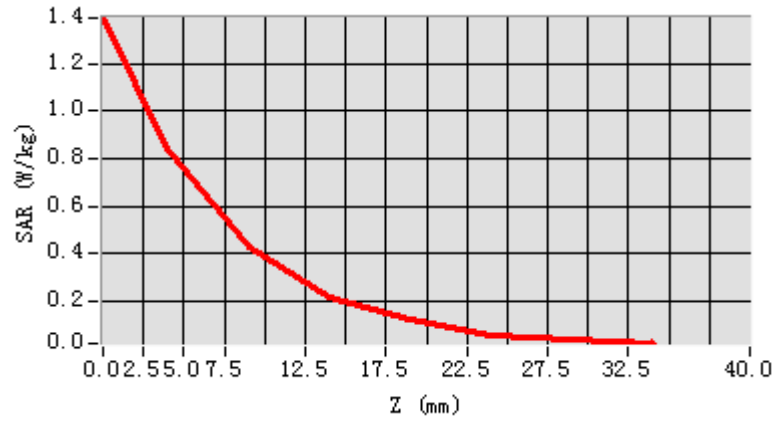


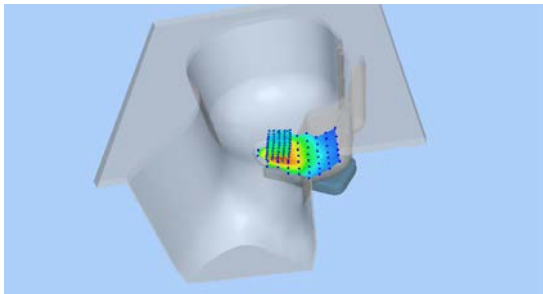
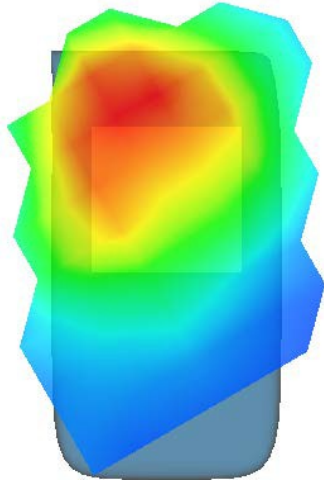
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.52 W/kg

SAR 10g (W/Kg)	0.029178
SAR1g (W/Kg)	0.064215

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 106

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

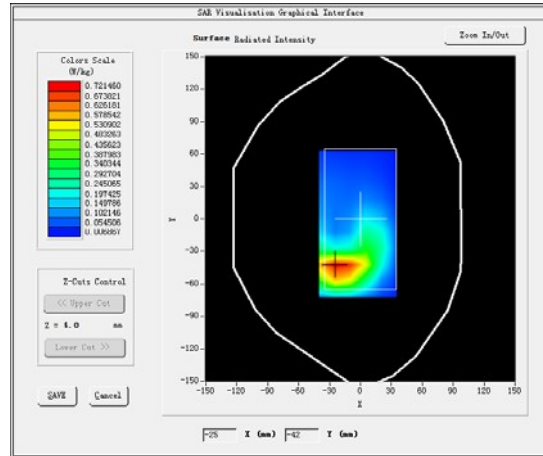
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>66-N77</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

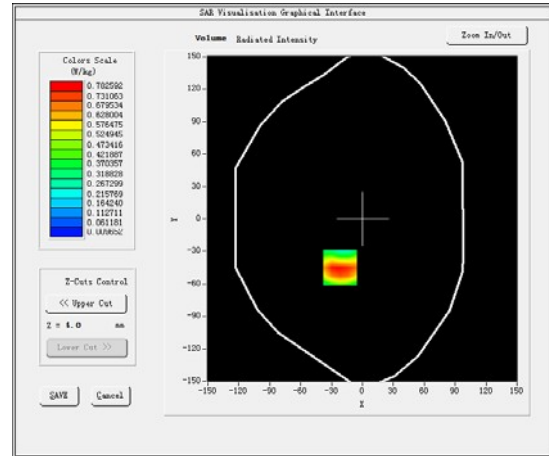
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-4.630000

SURFACE SAR



VOLUME SAR

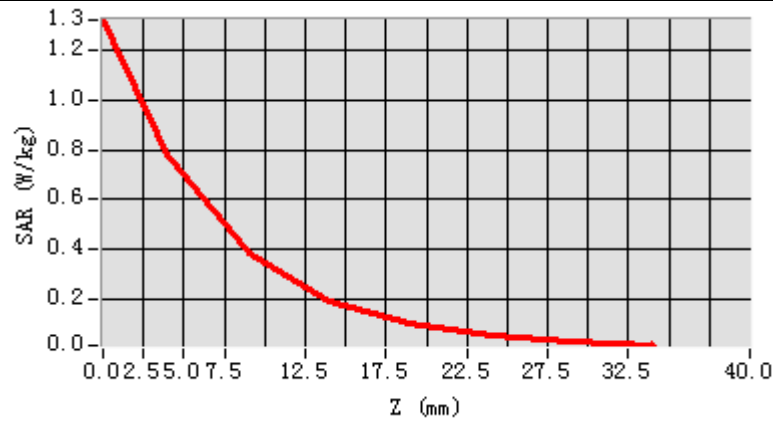


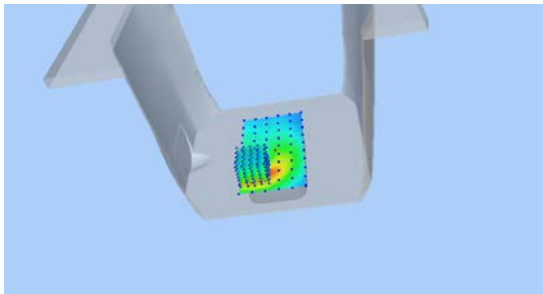
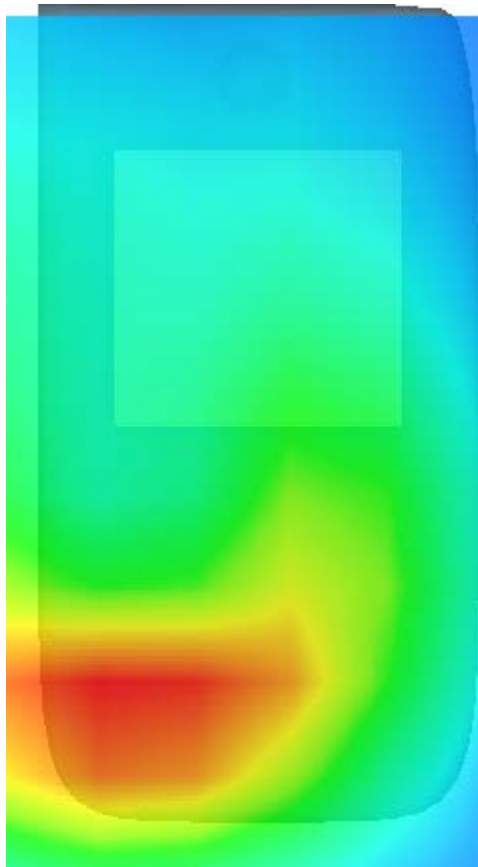
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.016195
SAR1g (W/Kg)	0.034304

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 107

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 7 minutes 51 seconds

A. Experimental conditions.

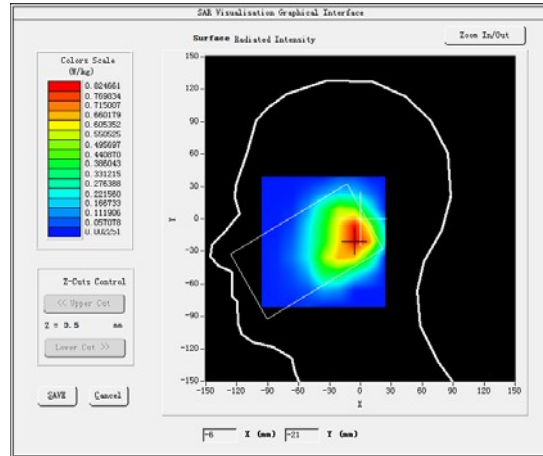
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>66-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

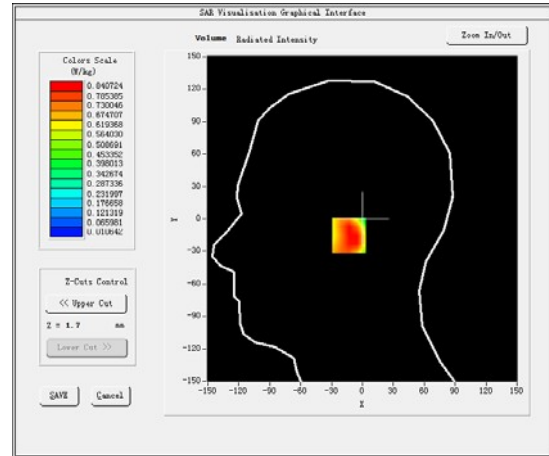
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	4.170000

SURFACE SAR



VOLUME SAR

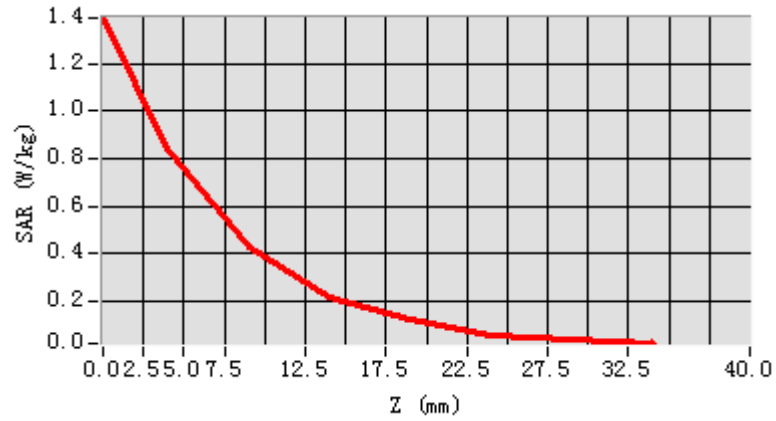


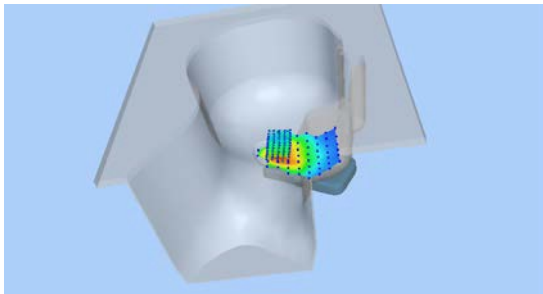
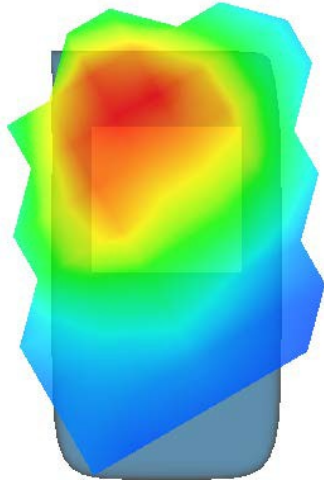
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.062548
SAR1g (W/Kg)	0.178246

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 108

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 12/10/2024

Measurement duration: 6 minutes 45 seconds

A. Experimental conditions.

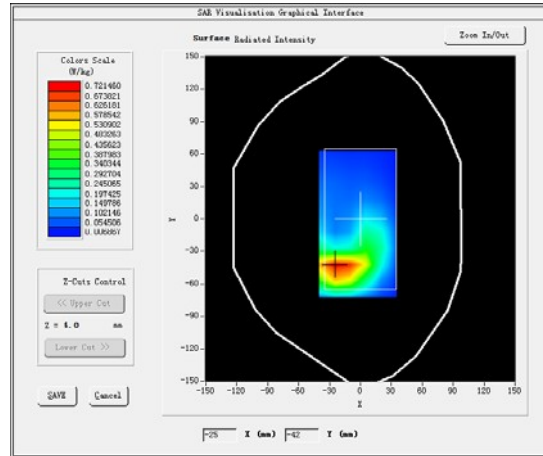
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>66-N78</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

B. SAR Measurement Results

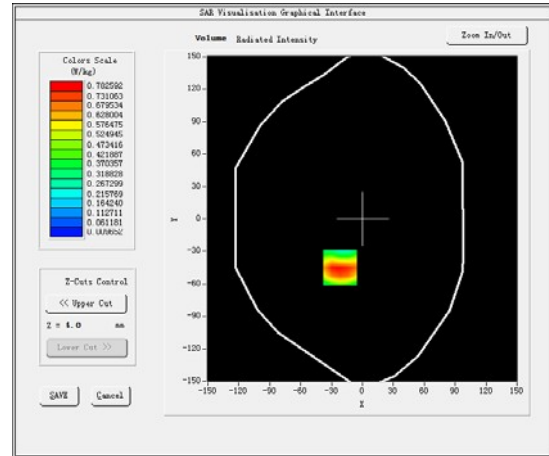
Middle Band SAR (Channel 132072):

Frequency (MHz)	1717.500000
Relative permittivity (real part)	40.312505
Relative permittivity (imaginary part)	15.293284
Conductivity (S/m)	1.374256
Variation (%)	-2.080000

SURFACE SAR



VOLUME SAR

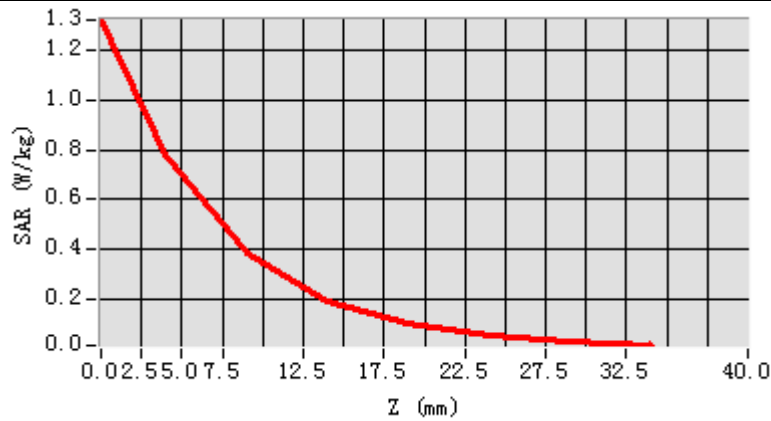


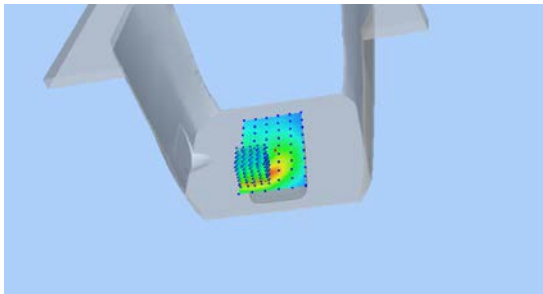
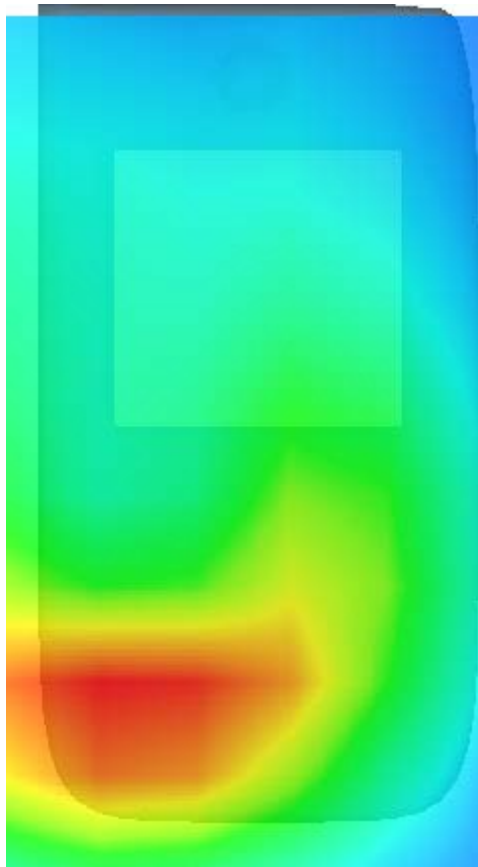
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.028963
SAR1g (W/Kg)	0.055267

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	

MEASUREMENT 109

20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 7 minutes 51 seconds

C. Experimental conditions.

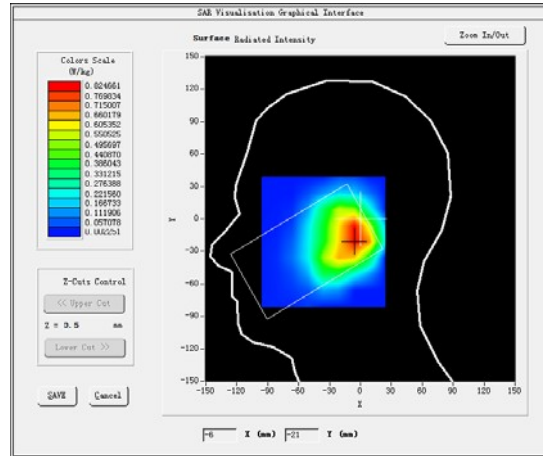
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Tlit</u>
<u>Band</u>	<u>Bluetooth</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

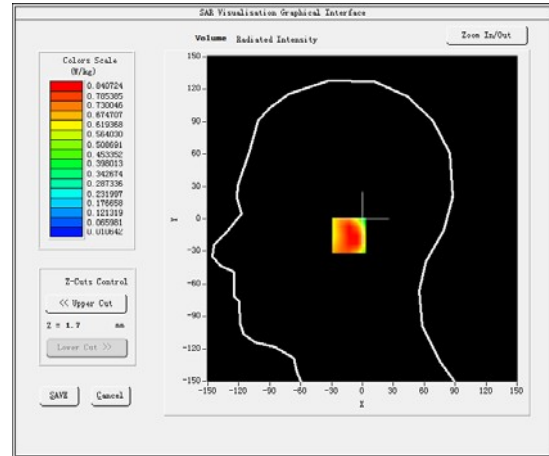
Middle Band SAR (Channel 39):

Frequency (MHz)	2441.000000
Relative permittivity (real part)	40.269142
Relative permittivity (imaginary part)	14.039240
Conductivity (S/m)	1.82349
Variation (%)	-1.250000

SURFACE SAR



VOLUME SAR

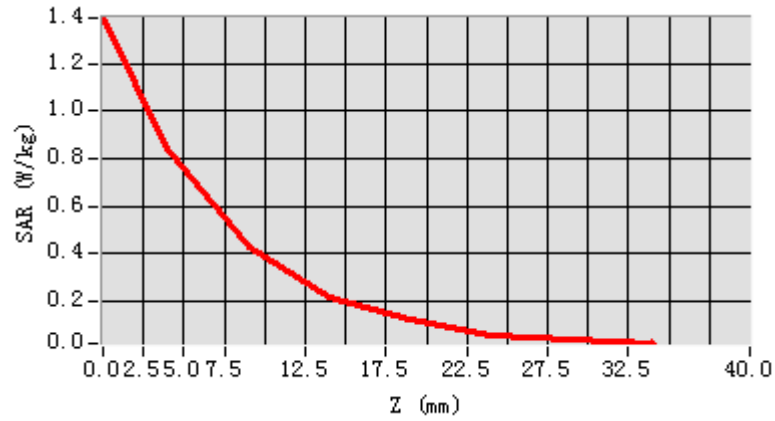


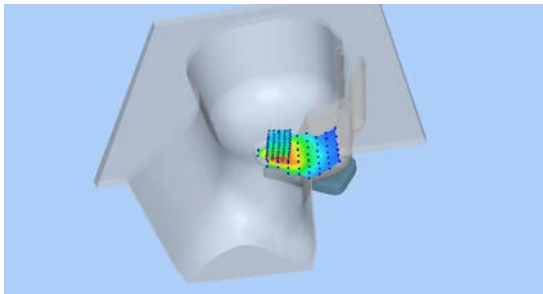
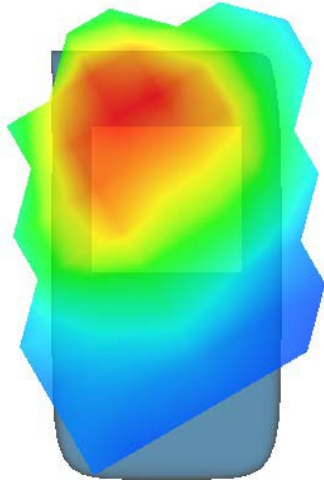
Maximum location: X=-5.00, Y=-15.00

SAR Peak: 0.46 W/kg

SAR 10g (W/Kg)	0.043297
SAR1g (W/Kg)	0.092368

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3911	0.8407	0.4278	0.2185	0.1234	0.0596	0.0419



3D screen shot	Hot spot position
	

MEASUREMENT 110

Rear-side-20M-1RB#99-middle

Type: Phone measurement (Complete)

Date of measurement: 17/10/2024

Measurement duration: 6 minutes 45 seconds

C. Experimental conditions.

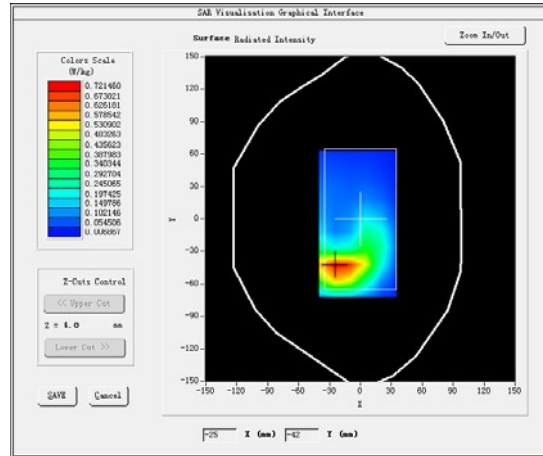
<u>Area Scan</u>	<u>dx=15mm dy=15mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm</u> <u>dy=8mm dz=5mm, Complete</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Bluetooth</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>NSA (Crest factor: 1.0)</u>

D. SAR Measurement Results

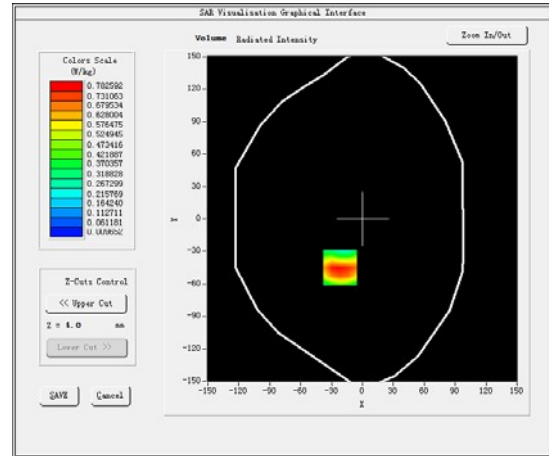
Middle Band SAR (Channel 39):

Frequency (MHz)	2441.000000
Relative permittivity (real part)	40.269142
Relative permittivity (imaginary part)	14.039240
Conductivity (S/m)	1.82349
Variation (%)	-0.250000

SURFACE SAR



VOLUME SAR

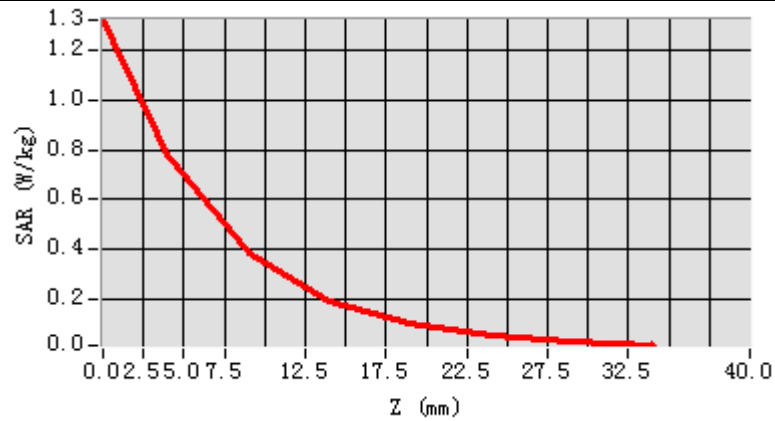


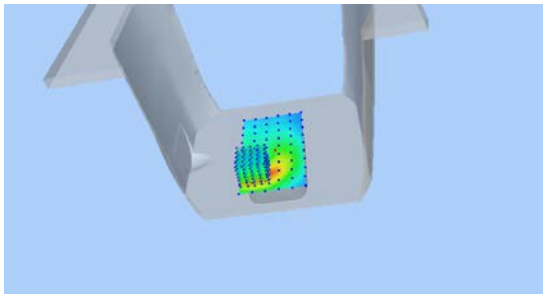
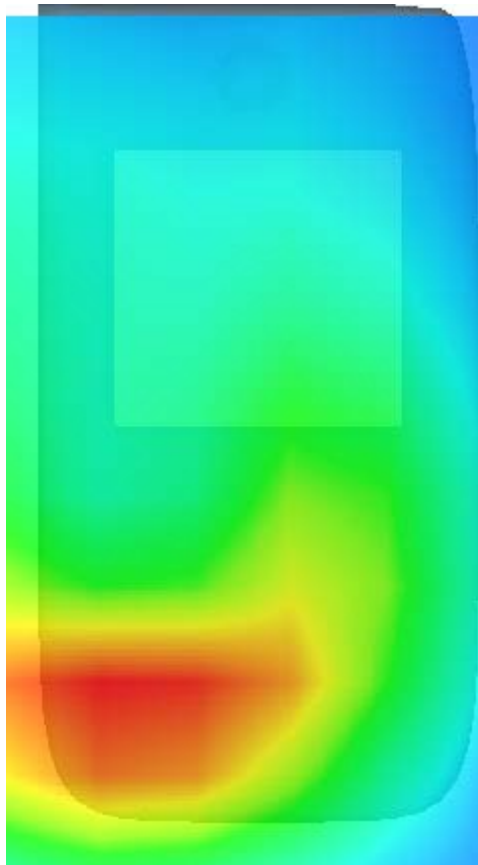
Maximum location: X = -22.00, Y = -45.00

SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.012069
SAR1g (W/Kg)	0.026487

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3195	0.7826	0.3862	0.1949	0.1001	0.0529	0.0283



3D screen shot	Hot spot position
	



Annex C: Calibration Reports

Tested Model : KJ8s

Report Number:

WSCT-ANAB-R&E241100057A-SAR



SAR Reference Dipole Calibration Report

Ref : ACR.313.11.23.BES.A

WORLD STANDARDIZATION CERTIFICATION & TESTING GROUP CO.,LTD

BLOCK A, BAO SHI SCIENCE PARK, BAO SHI ROAD,
BAO'AN DISTRICT

SHENZHEN 518108, P.R. CHINA

MVG COMOSAR REFERENCE DIPOLE

FREQUENCY: 835 MHZ

SERIAL NO.: 3723-DIP0G835-733

Calibrated at MVG

Z.I. de la pointe du diable

Technopôle Brest Iroise – 295 avenue Alexis de Rochon

29280 PLOUZANE - FRANCE

Calibration date: 09/11/2023



Accreditations #2-6789 and #2-6814

Scope available on www.cofrac.fr

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Summary:

This document presents the method and results from an accredited SAR reference dipole calibration performed in MVG using the COMOSAR test bench. All calibration results are traceable to national metrology institutions.



	<i>Name</i>	<i>Function</i>	<i>Date</i>	<i>Signature</i>
<i>Prepared by :</i>	Cyrille ONNEE	Measurement Responsible	11/9/2023	
<i>Checked & approved by:</i>	Jérôme Luc	Technical Manager	11/9/2023	
<i>Authorized by:</i>	Yann Toutain	Laboratory Director	11/9/2023	

Yann
Toutain ID

Signature numérique
de Yann Toutain ID
Date : 2023.11.09
16:42:07 +01'00'

	<i>Customer Name</i>
<i>Distribution :</i>	World Standardization Certification & Testing Group Co ,Ltd

<i>Issue</i>	<i>Name</i>	<i>Date</i>	<i>Modifications</i>
A	Cyrille ONNEE	11/9/2023	Initial release



TABLE OF CONTENTS

1	Introduction.....	4
2	Device Under Test	4
3	Product Description	4
3.1	General Information	4
4	Measurement Method	5
4.1	Mechanical Requirements	5
4.2	S11 parameter Requirements	5
4.3	SAR Requirements	5
5	Measurement Uncertainty	5
5.1	Mechanical dimensions	5
5.2	S11 Parameter	5
5.3	SAR	5
6	Calibration Results.....	6
6.1	Mechanical Dimensions	6
6.2	S11 parameter	6
6.3	SAR	6
7	List of Equipment	8



1 INTRODUCTION

This document contains a summary of the requirements set forth by the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards for reference dipoles used for SAR measurement system validations and the measurements that were performed to verify that the product complies with the fore mentioned standards.

2 DEVICE UNDER TEST

Device Under Test	
Device Type	COMOSAR 835 MHz REFERENCE DIPOLE
Manufacturer	MVG
Model	SID835
Serial Number	3723-DIP0G835-733
Product Condition (new / used)	New

3 PRODUCT DESCRIPTION

3.1 GENERAL INFORMATION

MVG's COMOSAR Validation Dipoles are built in accordance to the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards. The product is designed for use with the COMOSAR test bench only.



Figure 1 – MVG COMOSAR Validation Dipole



4 MEASUREMENT METHOD

4.1 MECHANICAL REQUIREMENTS

The IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards specify the mechanical components and dimensions of the validation dipoles, with the dimension's frequency and phantom shell thickness dependent. The COMOSAR test bench employs a 2 mm phantom shell thickness therefore the dipoles sold for use with the COMOSAR test bench comply with the requirements set forth for a 2 mm phantom shell thickness. A direct method is used with a ISO17025 calibrated caliper.

4.2 S11 PARAMETER REQUIREMENTS

The dipole used for SAR system validation measurements and checks must have a S11 of -20 dB or better. The S11 measurement shall be performed against a liquid filled flat phantom, with the phantom constructed as outlined in the fore mentioned standards. A direct method is used with a network analyser and its calibration kit, both with a valid ISO17025 calibration.

4.3 SAR REQUIREMENTS

The IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards provide requirements for reference dipoles used for system validation measurements. The following measurements were performed to verify that the product complies with the fore-mentioned standards.

5 MEASUREMENT UNCERTAINTY

5.1 MECHANICAL DIMENSIONS

For the measurement in the range 0-300mm, the estimated expanded uncertainty ($k=2$) in calibration for the dimension measurement in mm is ± 0.20 mm with respect to measurement conditions.

For the measurement in the range 300-450mm, the estimated expanded uncertainty ($k=2$) in calibration for the dimension measurement in mm is ± 0.44 mm with respect to measurement conditions.

5.2 S11 PARAMETER

The estimated expanded uncertainty ($k=2$) in calibration for the S11 parameter in linear is ± 0.08 with respect to measurement conditions.

5.3 SAR

The guidelines outlined in the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards were followed to generate the measurement uncertainty for validation measurements.

The estimated expanded uncertainty ($k=2$) in calibration for the 1g and 10g SAR measurement in W/kg is $\pm 19\%$ with respect to measurement conditions.

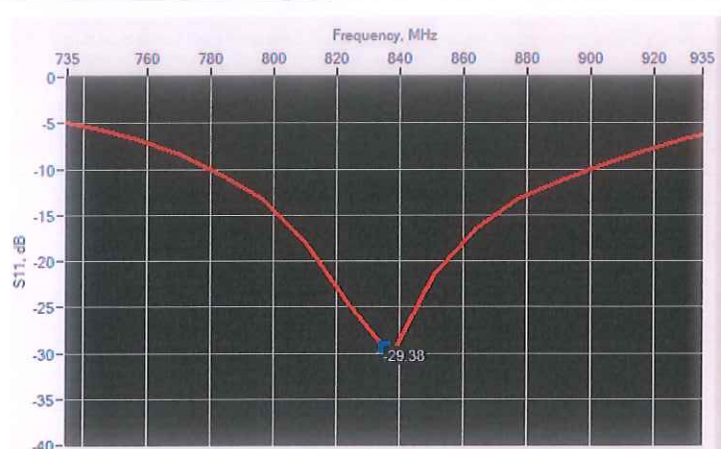
6 CALIBRATION RESULTS

6.1 MECHANICAL DIMENSIONS

L mm		h mm		d mm	
Measured	Required	Measured	Required	Measured	Required
161.22	161.00 +/- 2%	89.32	89.80 +/- 2%	3.60	3.60 +/- 2%

6.2 S11 PARAMETER

6.2.1 S11 parameter in Head Liquid



Frequency (MHz)	S11 parameter (dB)	Requirement (dB)	Impedance
835	-29.38	-20	49.7Ω - 2.9jΩ

6.3 SAR

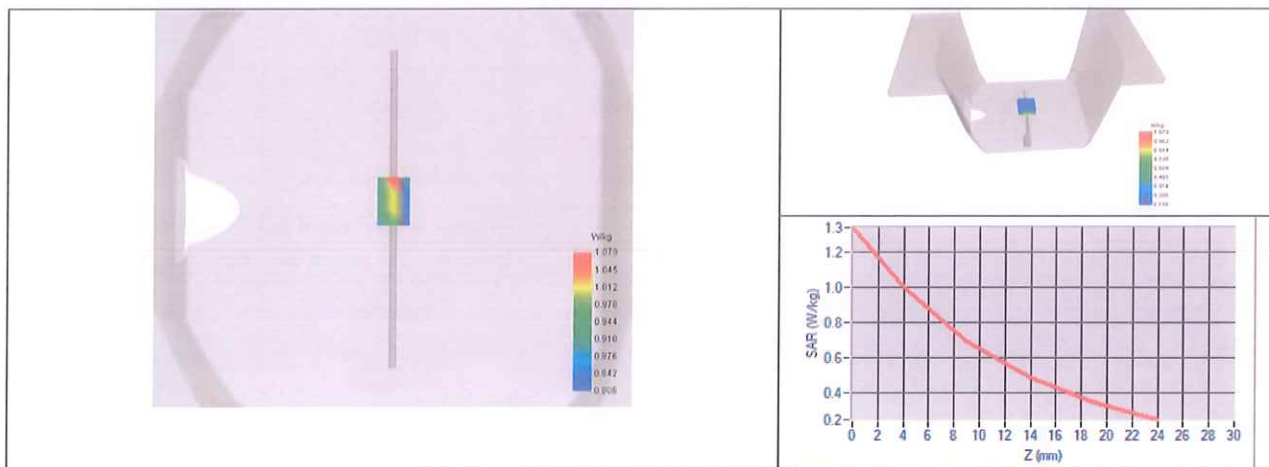
The IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards state that the system validation measurements must be performed using a reference dipole meeting the fore mentioned return loss and mechanical dimension requirements. The validation measurement must be performed against a liquid filled flat phantom, with the phantom constructed as outlined in the fore mentioned standards. Per the standards, the dipole shall be positioned below the bottom of the phantom, with the dipole length centered and parallel to the longest dimension of the flat phantom, with the top surface of the dipole at the described distance from the bottom surface of the phantom.

6.3.1 SAR with Head Liquid

The IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards state that the system validation measurements should produce the SAR values shown below (for phantom thickness of 2 mm), within the uncertainty for the system validation. All SAR values are normalized to 1 W forward power. In bracket, the measured SAR is given with the used input power.

Software	OPENSAR V5
Phantom	SN 13/09 SAM68
Probe	SN 41/18 EPG0333
Liquid	Head Liquid Values: ϵ_{ps}' : 45.5 σ : 0.92
Distance between dipole center and liquid	15.0 mm
Area scan resolution	$dx=8mm/dy=8mm$
Zoon Scan Resolution	$dx=8mm/dy=8mm/dz=5mm$
Frequency	835 MHz
Input power	20 dBm
Liquid Temperature	20 +/- 1 °C
Lab Temperature	20 +/- 1 °C
Lab Humidity	30-70 %

Frequency	1g SAR (W/kg)			10g SAR (W/kg)		
	Measured	Measured normalized to 1W	Target normalized to 1W	Measured	Measured normalized to 1W	Target normalized to 1W
835 MHz	0.94	9.42	9.56	0.62	6.21	6.22





7 LIST OF EQUIPMENT

Equipment Summary Sheet				
Equipment Description	Manufacturer / Model	Identification No.	Current Calibration Date	Next Calibration Date
SAM Phantom	MVG	SN 13/09 SAM68	Validated. No cal required.	Validated. No cal required.
COMOSAR Test Bench	Version 3	NA	Validated. No cal required.	Validated. No cal required.
Network Analyzer	Rohde & Schwarz ZVM	100203	08/2021	08/2024
Network Analyzer – Calibration kit	Rohde & Schwarz ZV-Z235	101223	07/2022	07/2025
Calipers	Mitutoyo	SN 0009732	11/2022	11/2025
Reference Probe	MVG	3523-EPGO-429	11/2023	11/2024
Multimeter	Keithley 2000	4013982	02/2023	02/2026
Signal Generator	Rohde & Schwarz SMB	106589	03/2022	03/2025
Amplifier	MVG	MODU-023-C-0002	Characterized prior to test. No cal required.	Characterized prior to test. No cal required.
Power Meter	NI-USB 5680	170100013	06/2021	06/2024
Power Meter	Keysight U2000A	SN: MY62340002	10/2022	10/2025
Directional Coupler	Krytar 158020	131467	Characterized prior to test. No cal required.	Characterized prior to test. No cal required.
Temperature / Humidity Sensor	Testo 184 H1	44225320	06/2021	06/2024



SAR Reference Dipole Calibration Report

Ref : ACR.313.13.23.BES.A

WORLD STANDARDIZATION CERTIFICATION & TESTING GROUP CO.,LTD

BLOCK A, BAO SHI SCIENCE PARK, BAO SHI ROAD,
BAO'AN DISTRICT

SHENZHEN 518108, P.R. CHINA

MVG COMOSAR REFERENCE DIPOLE

FREQUENCY: 1800 MHZ

SERIAL NO.: 3723-DIP1G800-735

Calibrated at MVG

Z.I. de la pointe du diable

Technopôle Brest Iroise – 295 avenue Alexis de Rochon

29280 PLOUZANE - FRANCE

Calibration date: 09/11/2023



Accreditations #2-6789 and #2-6814

Scope available on www.cofrac.fr

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Summary:

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	<i>Name</i>	<i>Function</i>	<i>Date</i>	<i>Signature</i>
<i>Prepared by :</i>	Cyrille ONNEE	Measurement Responsible	11/9/2023	
<i>Checked & approved by:</i>	Jérôme Luc	Technical Manager	11/9/2023	
<i>Authorized by:</i>	Yann Toutain	Laboratory Director	11/9/2023	

Yann
Toutain ID

Signature
numérique de
Yann Toutain ID
Date : 2023.11.09
16:43:12 +01'00'

	<i>Customer Name</i>
<i>Distribution :</i>	World Standardization Certification & Testing Group Co .,Ltd

<i>Issue</i>	<i>Name</i>	<i>Date</i>	<i>Modifications</i>
A	Cyrille ONNEE	11/9/2023	Initial release



TABLE OF CONTENTS

1	Introduction.....	4
2	Device Under Test	4
3	Product Description	4
3.1	General Information	4
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4.1	Mechanical Requirements	5
4.2	S11 parameter Requirements	5
4.3	SAR Requirements	5
5	Measurement Uncertainty	5
5.1	Mechanical dimensions	5
5.2	S11 Parameter	5
5.3	SAR	5
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1 INTRODUCTION

This document contains a summary of the requirements set forth by the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards for reference dipoles used for SAR measurement system validations and the measurements that were performed to verify that the product complies with the fore mentioned standards.

2 DEVICE UNDER TEST

Device Under Test	
Device Type	COMOSAR 1800 MHz REFERENCE DIPOLE
Manufacturer	MVG
Model	SID1800
Serial Number	3723-DIP1G800-735
Product Condition (new / used)	New

3 PRODUCT DESCRIPTION

3.1 GENERAL INFORMATION

MVG's COMOSAR Validation Dipoles are built in accordance to the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards. The product is designed for use with the COMOSAR test bench only.



Figure 1 – MVG COMOSAR Validation Dipole