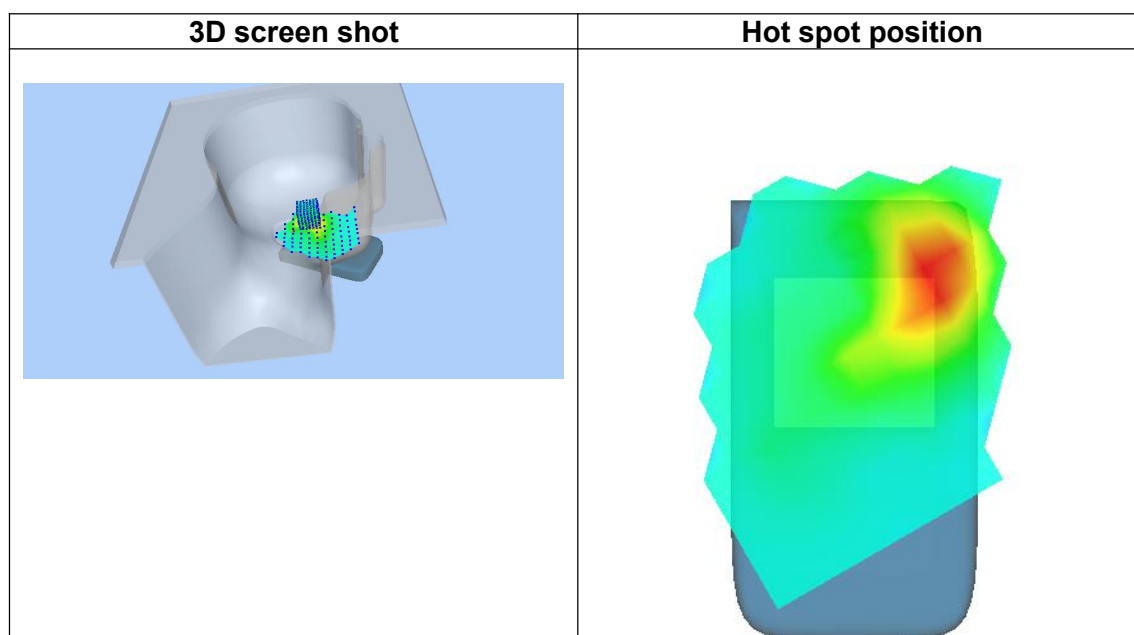
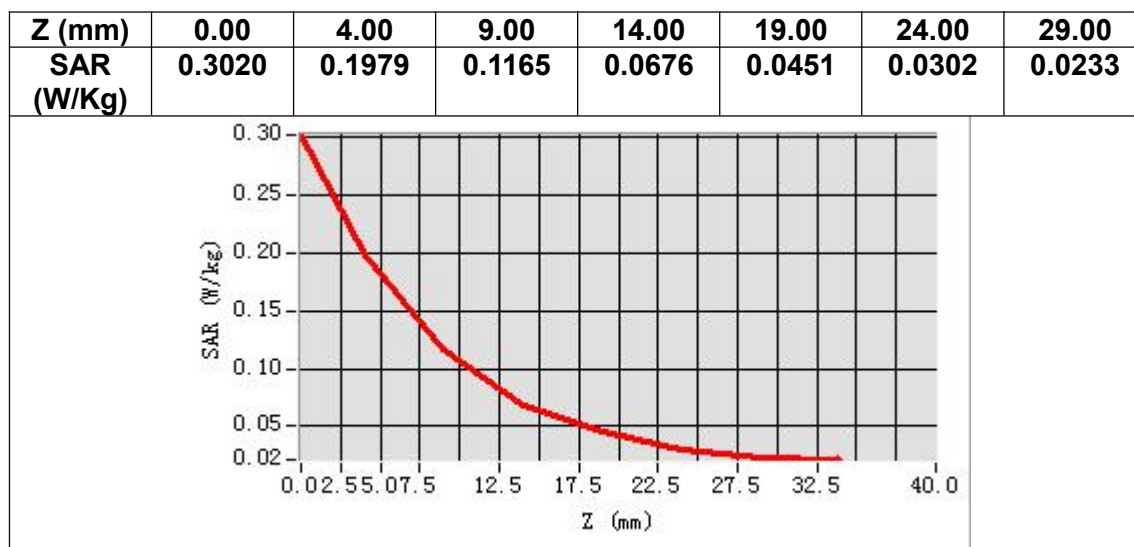




MEASUREMENT 20

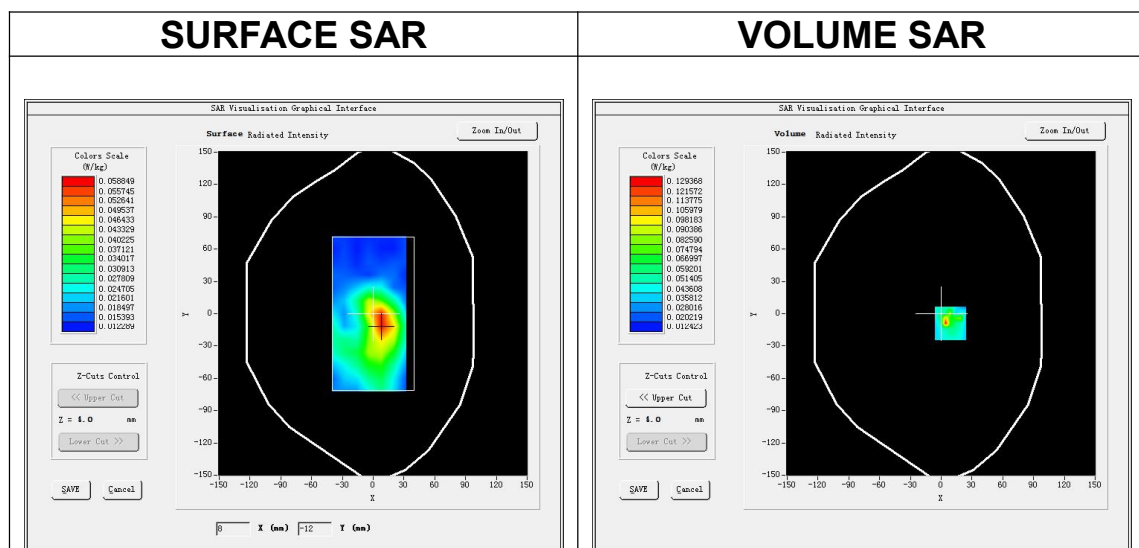
Date of measurement: 20/7/2021

A. Experimental conditions.

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

B. SAR Measurement Results

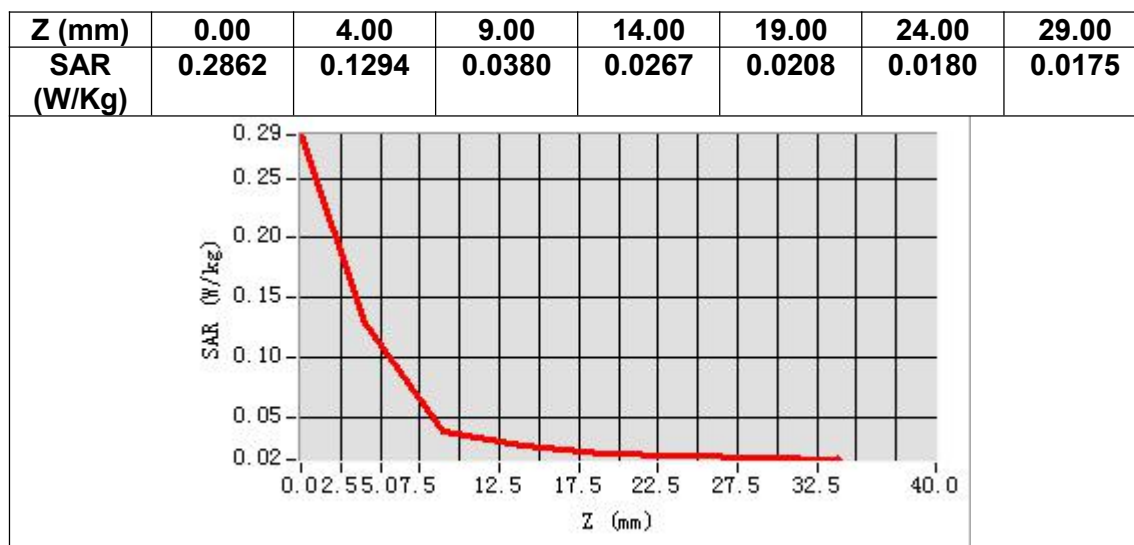
Frequency (MHz)	2437.000000
Relative permittivity (real part)	40.697720
Relative permittivity (imaginary part)	13.212899
Conductivity (S/m)	1.788880
Variation (%)	-2.510000



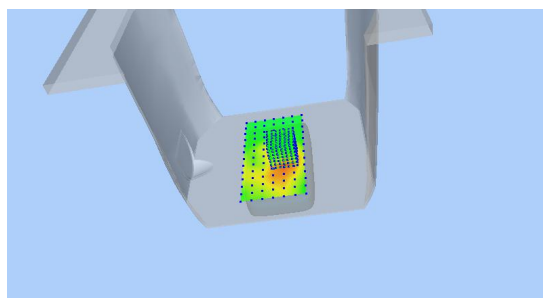
Maximum location: X=9.00, Y=-9.00

SAR Peak: 0.29 W/kg

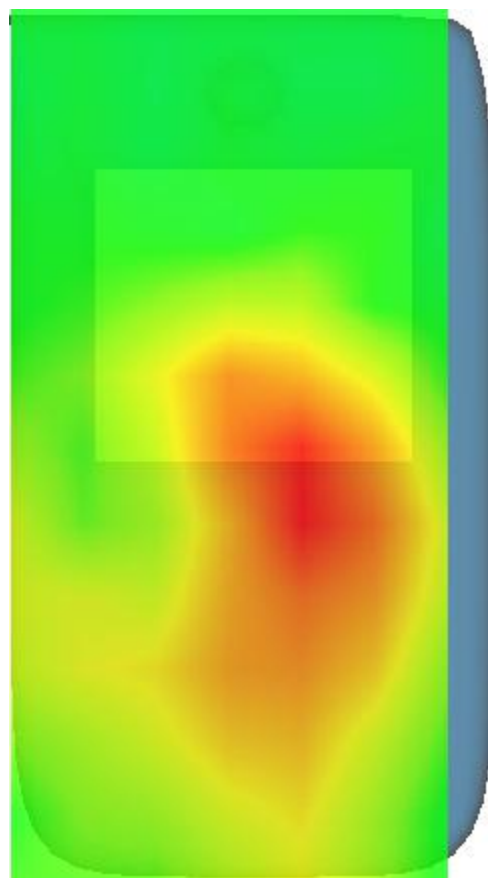
SAR 10g (W/Kg)	0.040738
SAR 1g (W/Kg)	0.096916



3D screen shot



Hot spot position



MEASUREMENT 21

Date of measurement: 19/7/2021

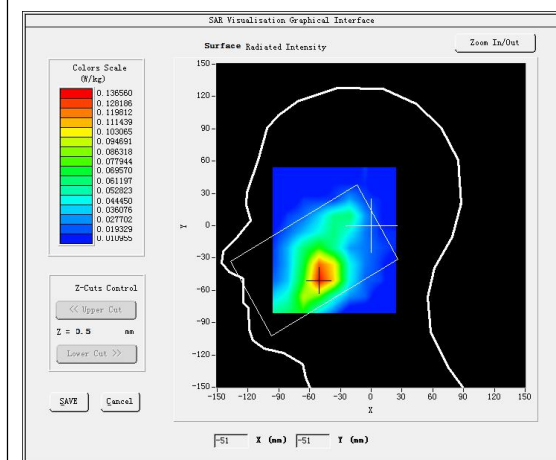
A. Experimental conditions.

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

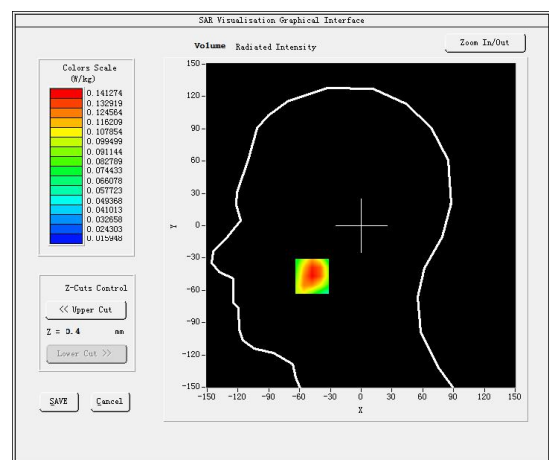
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	1.070000

SURFACE SAR



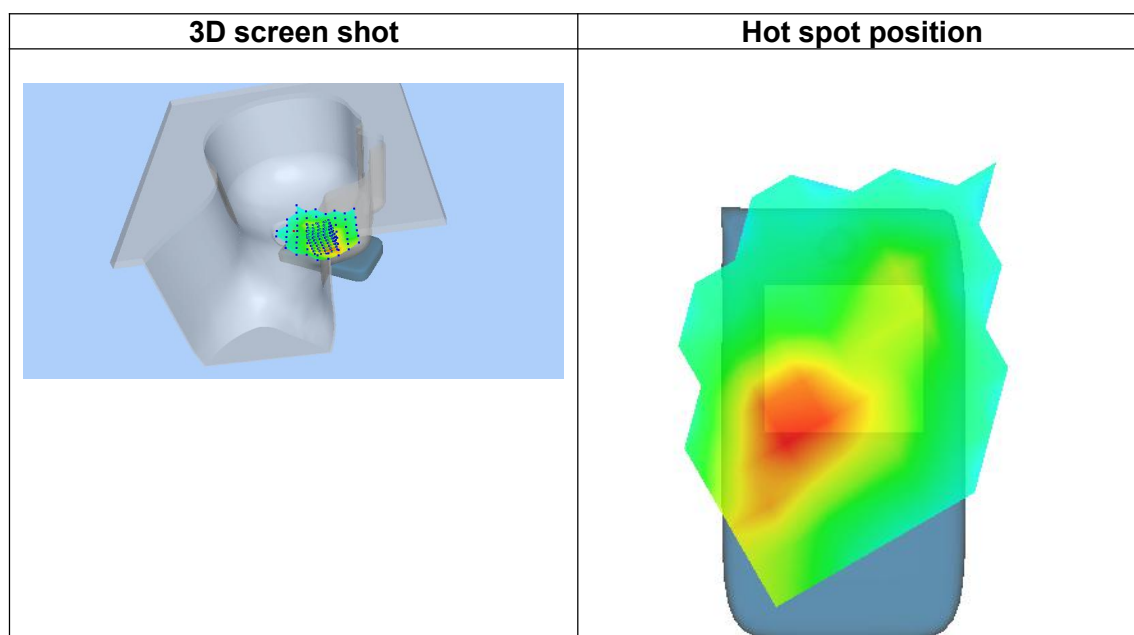
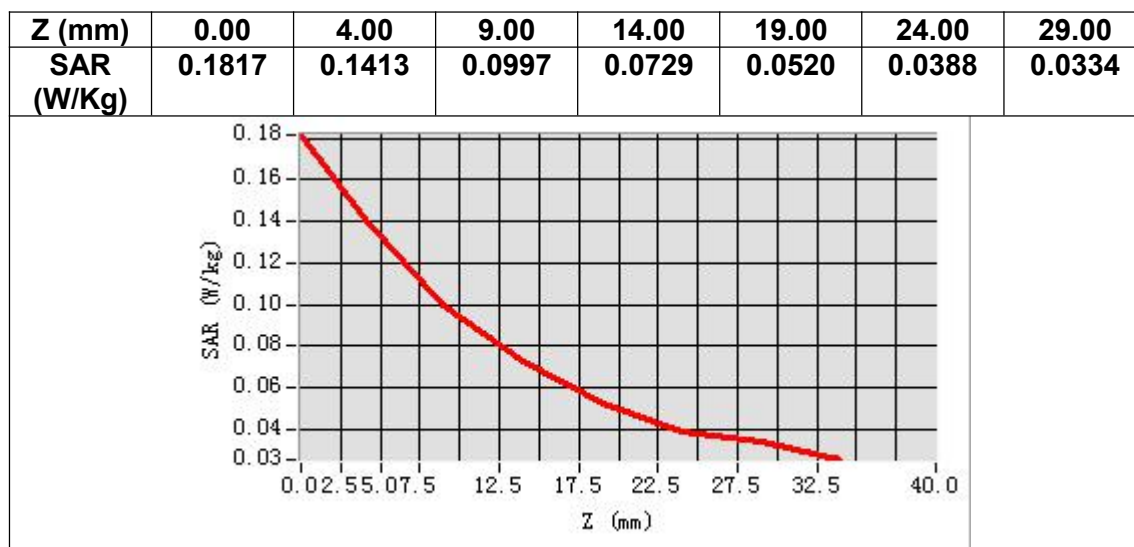
VOLUME SAR



Maximum location: X=-48.00, Y=-47.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.089915
SAR 1g (W/Kg)	0.137408



MEASUREMENT 22

Date of measurement: 19/7/2021

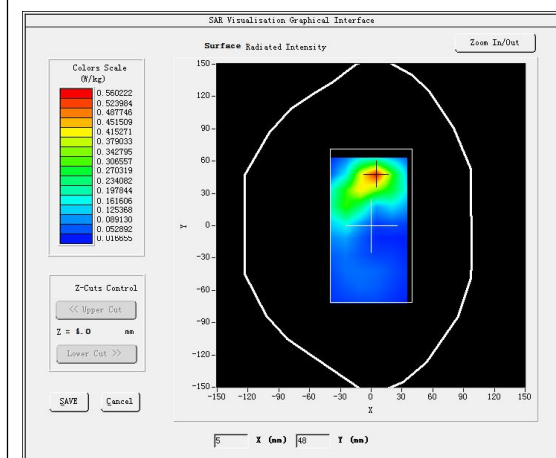
A. Experimental conditions.

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

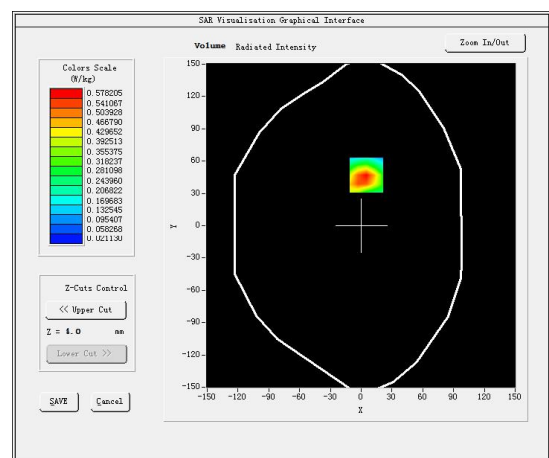
B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.526512
Relative permittivity (imaginary part)	13.733387
Conductivity (S/m)	1.434376
Variation (%)	0.300000

SURFACE SAR



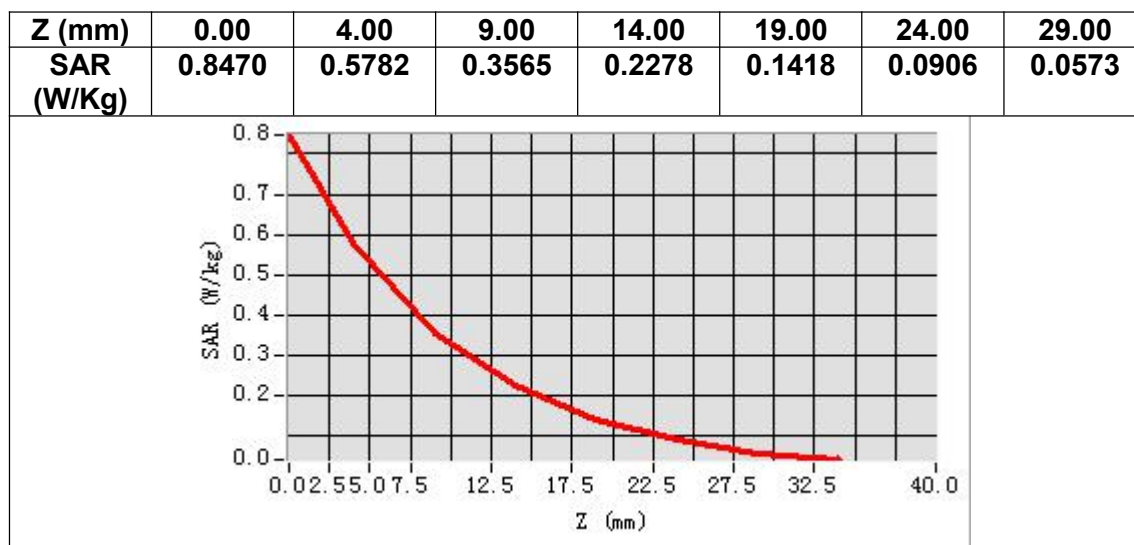
VOLUME SAR



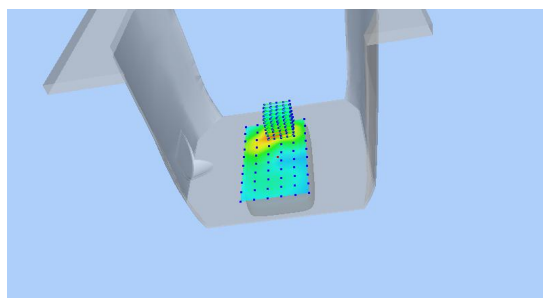
Maximum location: X=5.00, Y=47.00

SAR Peak: 0.88 W/kg

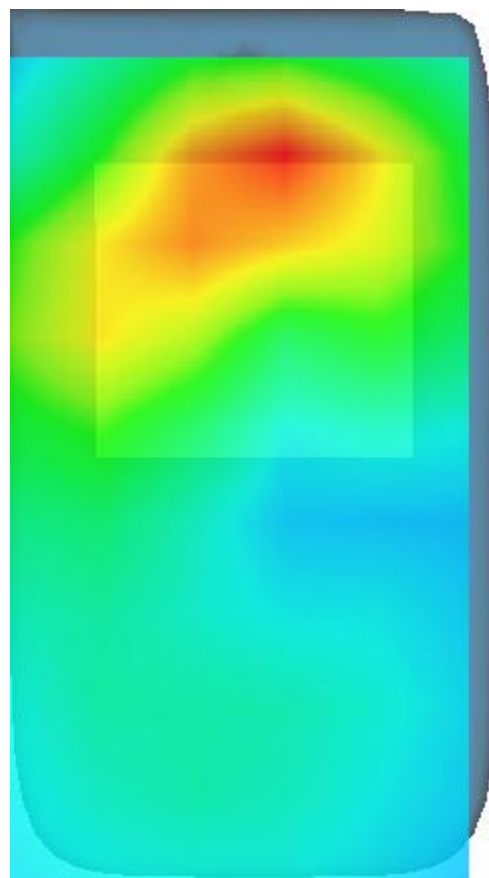
SAR 10g (W/Kg)	0.311032
SAR 1g (W/Kg)	0.569241



3D screen shot



Hot spot position



MEASUREMENT 23

Date of measurement: 15/7/2021

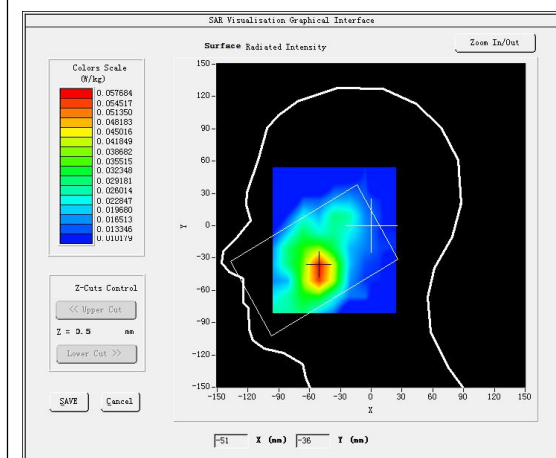
A. Experimental conditions.

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

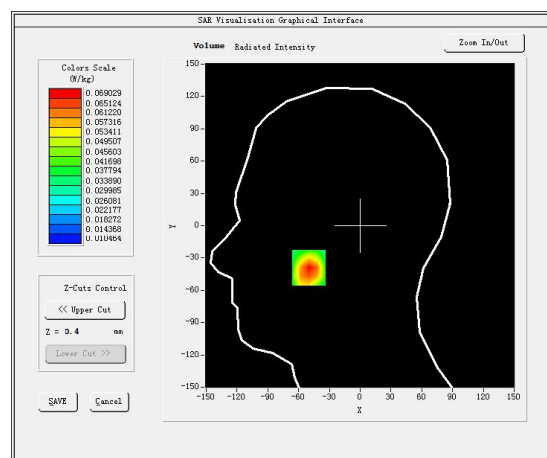
B. SAR Measurement Results

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.185455
Relative permittivity (imaginary part)	13.692273
Conductivity (S/m)	1.317881
Variation (%)	3.980000

SURFACE SAR



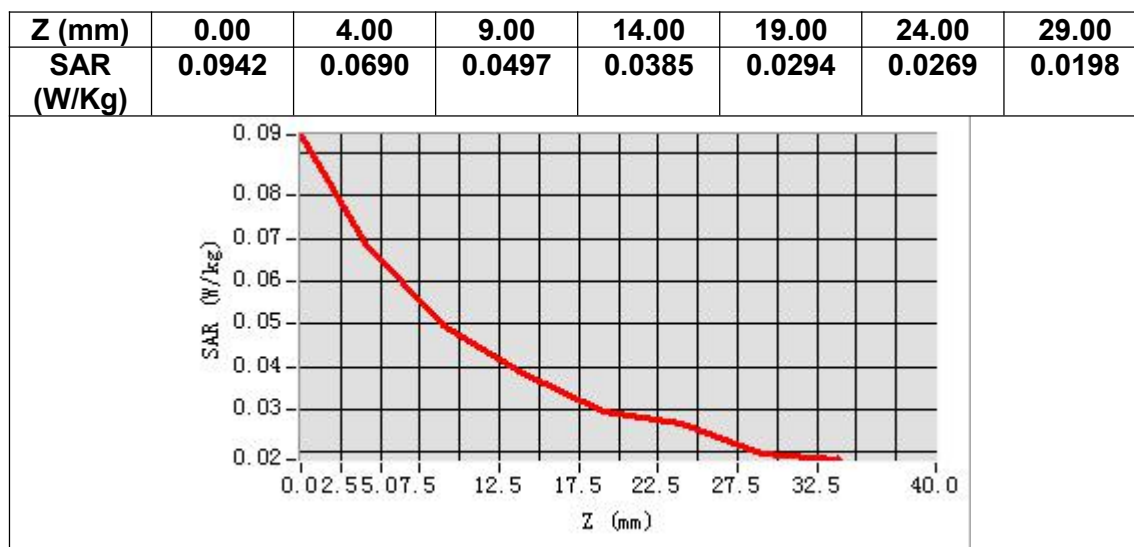
VOLUME SAR



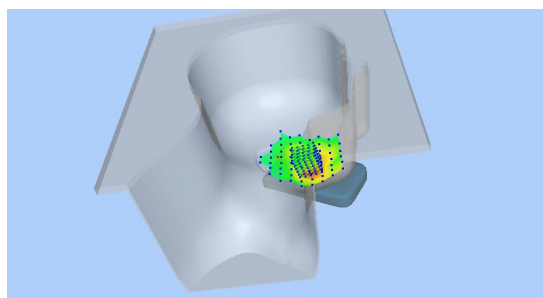
Maximum location: X=-50.00, Y=-39.00

SAR Peak: 0.10 W/kg

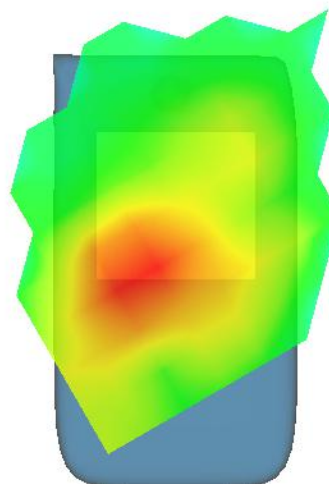
SAR 10g (W/Kg)	0.044924
SAR 1g (W/Kg)	0.066600



3D screen shot



Hot spot position



MEASUREMENT 24

Date of measurement: 15/7/2021

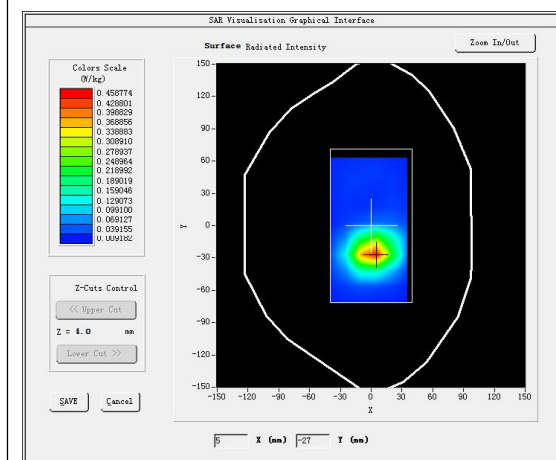
A. Experimental conditions.

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

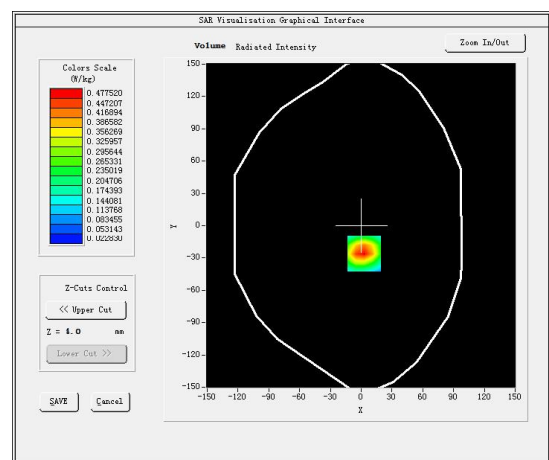
B. SAR Measurement Results

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.185455
Relative permittivity (imaginary part)	13.692273
Conductivity (S/m)	1.317881
Variation (%)	4.590000

SURFACE SAR



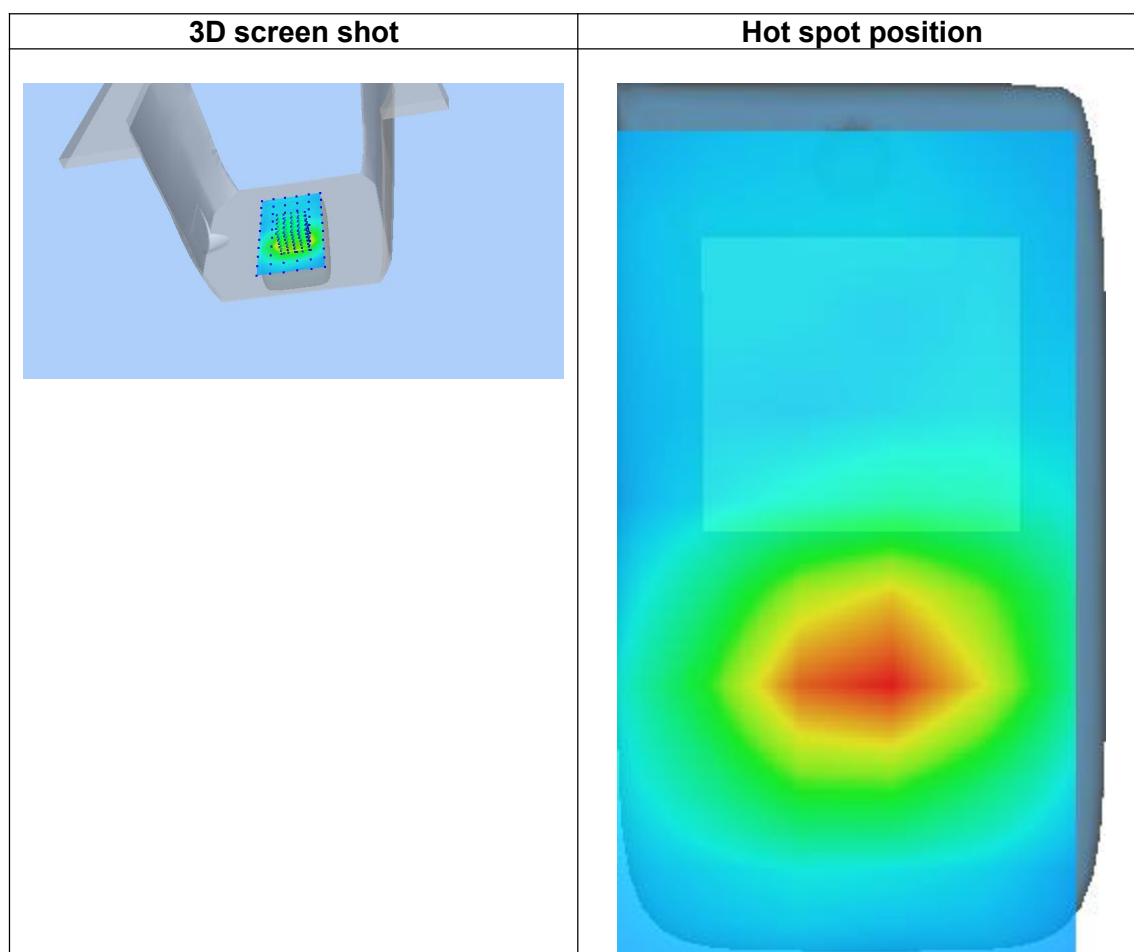
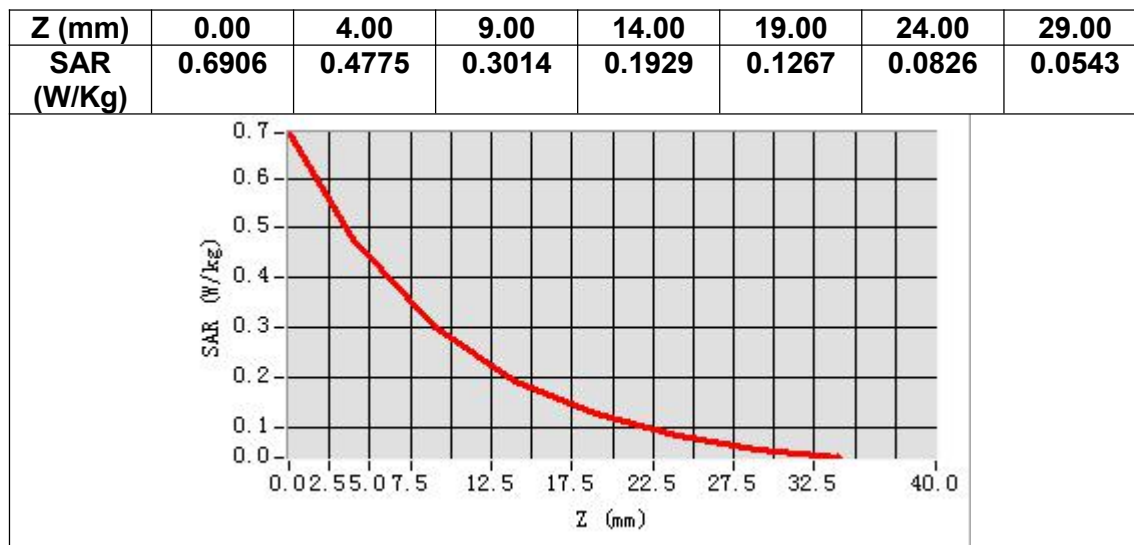
VOLUME SAR



Maximum location: X=3.00, Y=-26.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.255936
SAR 1g (W/Kg)	0.456357



MEASUREMENT 25

Date of measurement: 12/7/2021

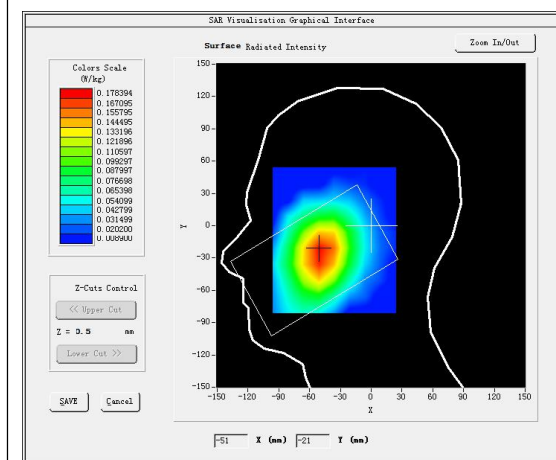
A. Experimental conditions.

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

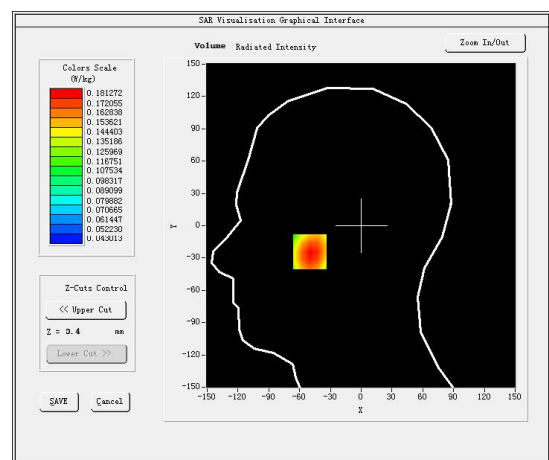
B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative permittivity (real part)	42.707466
Relative permittivity (imaginary part)	19.960083
Conductivity (S/m)	0.927589
Variation (%)	2.920000

SURFACE SAR



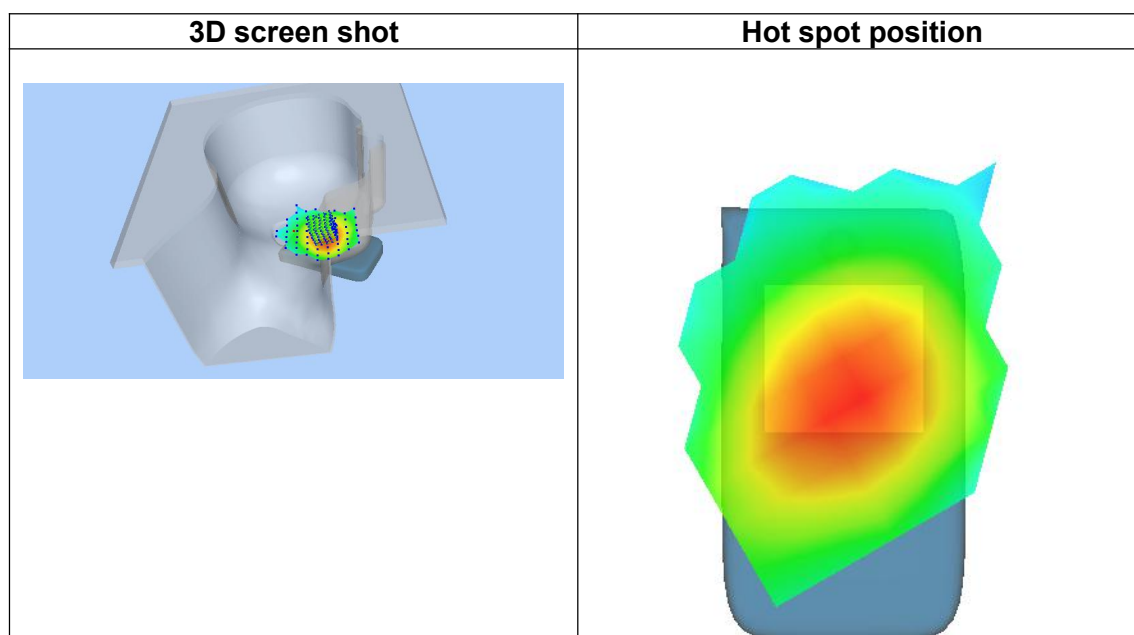
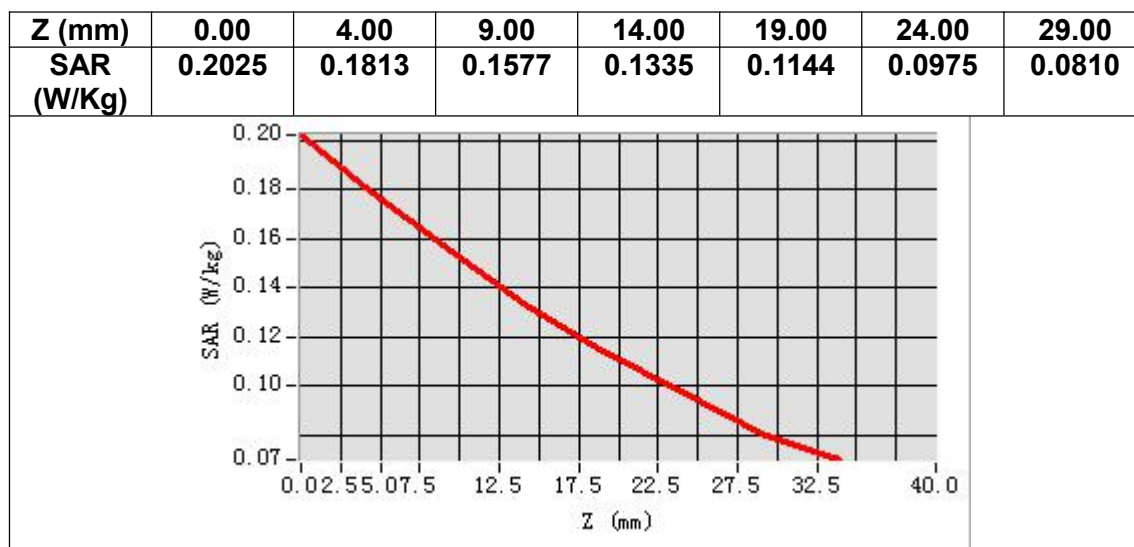
VOLUME SAR



Maximum location: X=-50.00, Y=-24.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.143912
SAR 1g (W/Kg)	0.180558



MEASUREMENT 26

Date of measurement: 12/7/2021

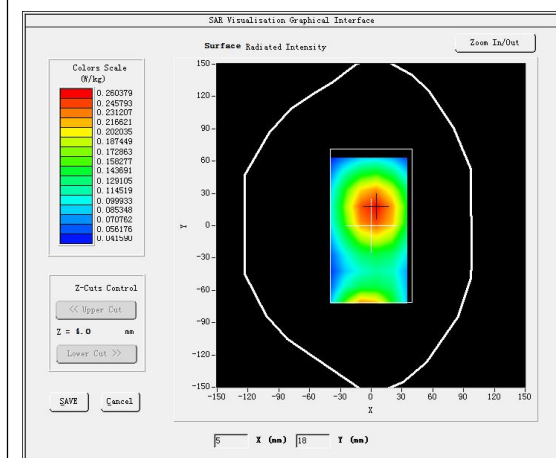
A. Experimental conditions.

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

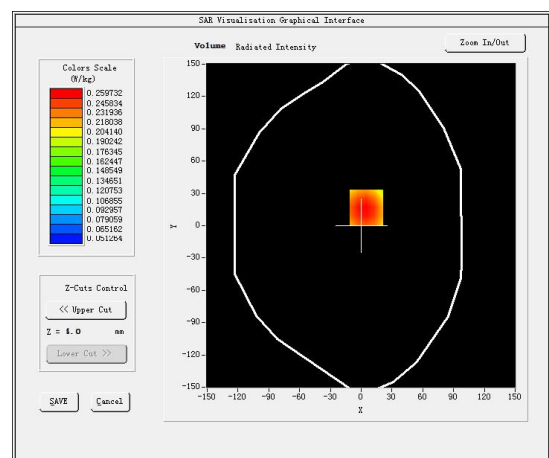
B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative permittivity (real part)	42.707466
Relative permittivity (imaginary part)	19.960083
Conductivity (S/m)	0.927589
Variation (%)	-0.270000

SURFACE SAR



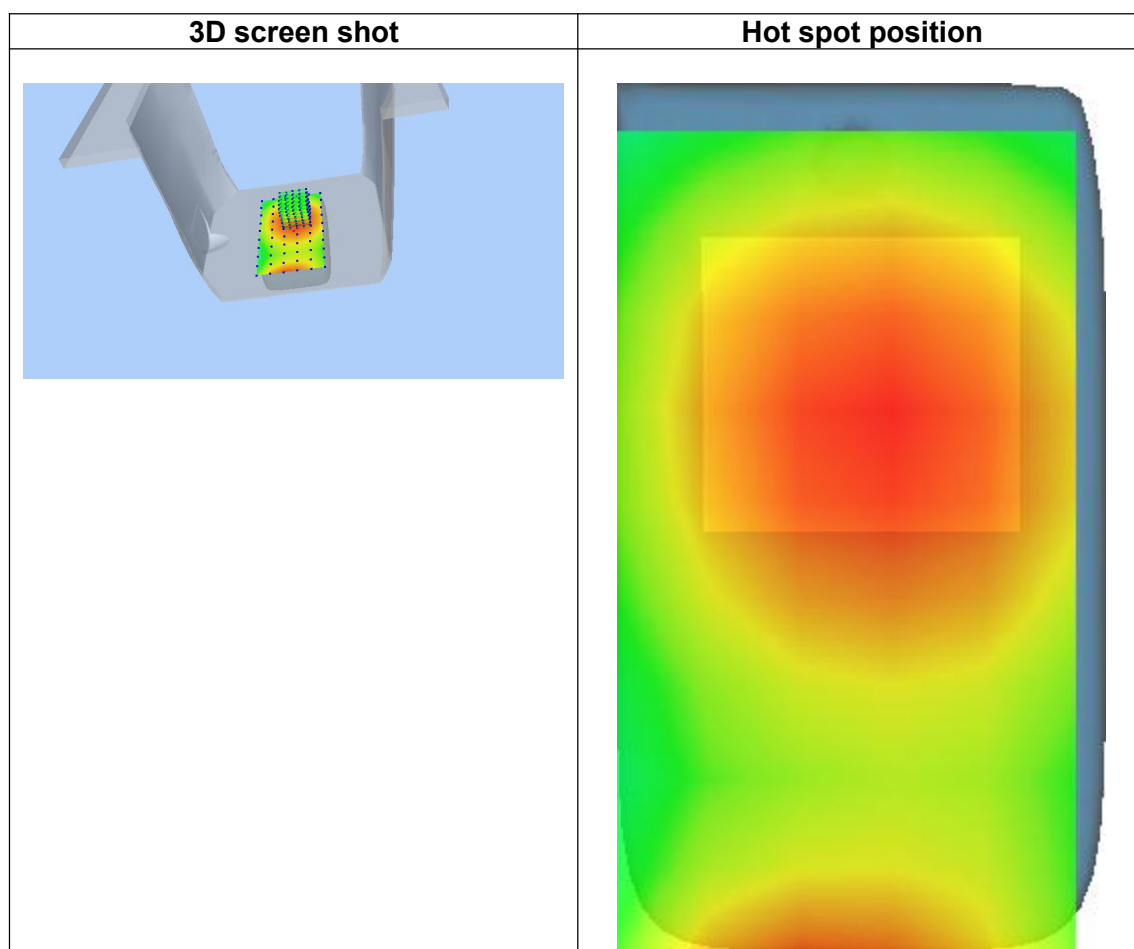
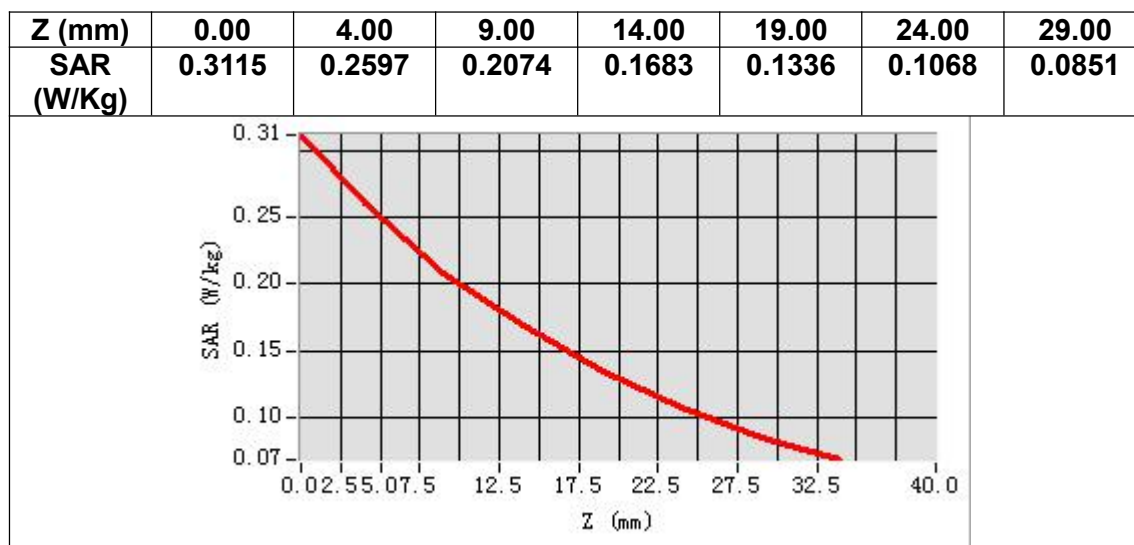
VOLUME SAR



Maximum location: X=5.00, Y=17.00

SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.196436
SAR 1g (W/Kg)	0.256751



MEASUREMENT 27

Date of measurement: 17/7/2020

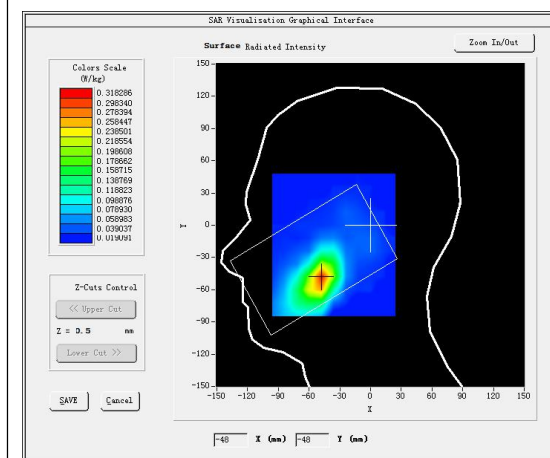
A. Experimental conditions.

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

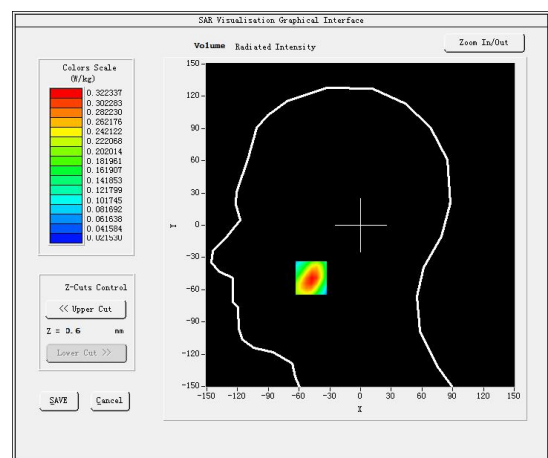
B. SAR Measurement Results

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.952293
Relative permittivity (imaginary part)	14.000509
Conductivity (S/m)	1.971738
Variation (%)	-3.120000

SURFACE SAR



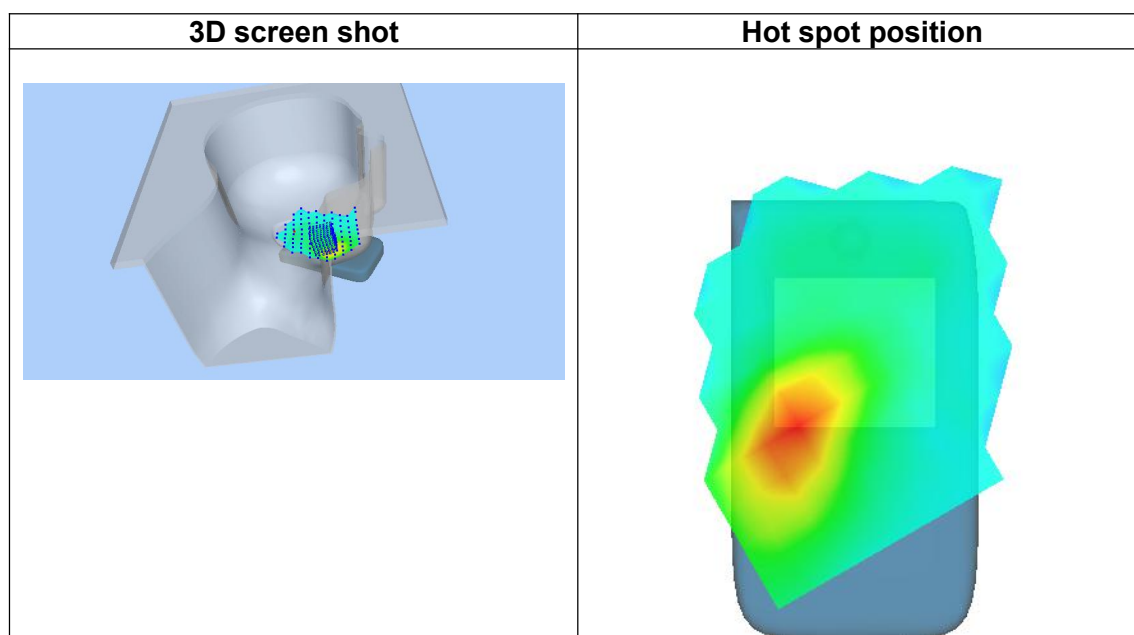
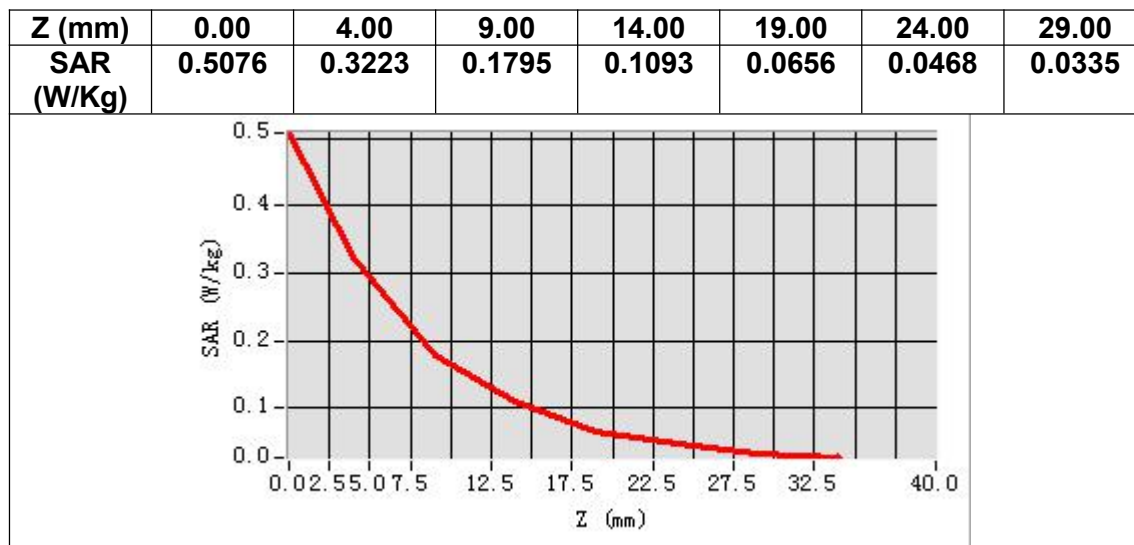
VOLUME SAR



Maximum location: X=-48.00, Y=-49.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.162038
SAR 1g (W/Kg)	0.304669



MEASUREMENT 28

Date of measurement: 17/7/2021

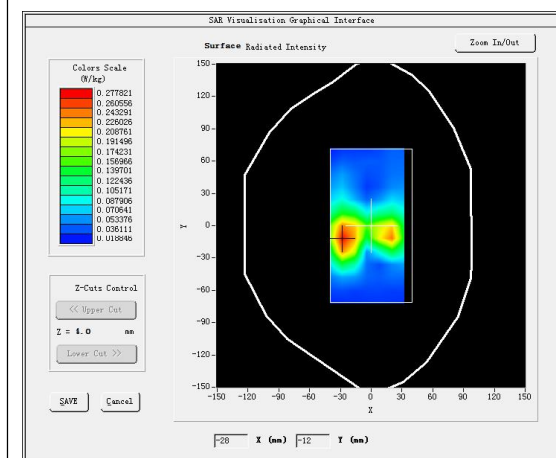
A. Experimental conditions.

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

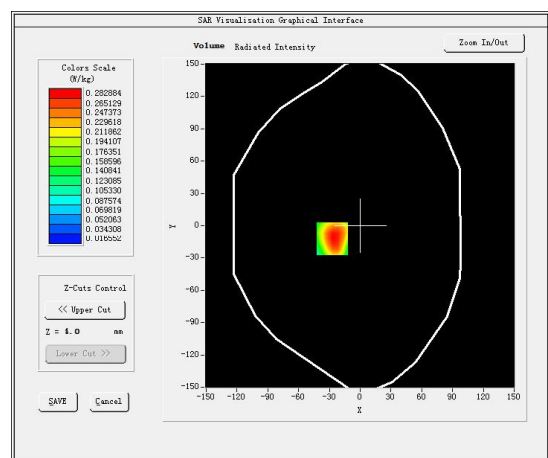
B. SAR Measurement Results

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.952293
Relative permittivity (imaginary part)	14.000509
Conductivity (S/m)	1.971738
Variation (%)	-0.880000

SURFACE SAR



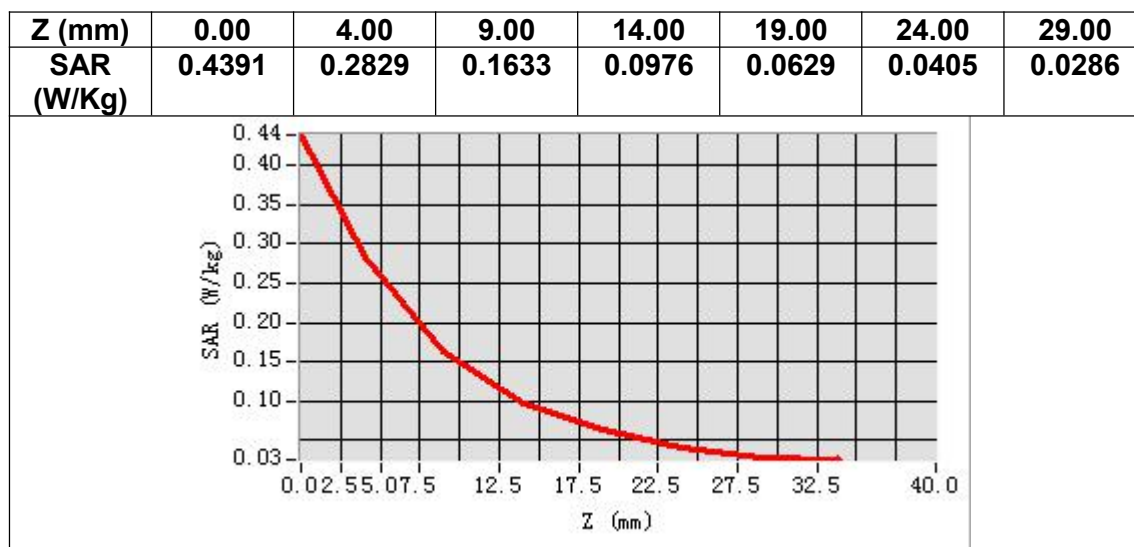
VOLUME SAR



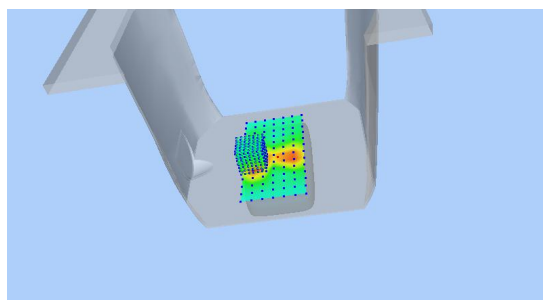
Maximum location: X=-27.00, Y=-12.00

SAR Peak: 0.44 W/kg

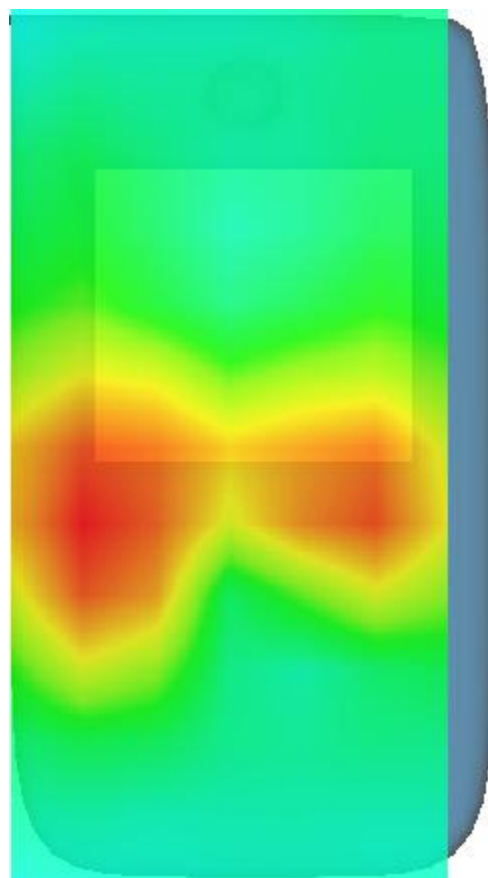
SAR 10g (W/Kg)	0.156270
SAR 1g (W/Kg)	0.274466



3D screen shot



Hot spot position



MEASUREMENT 29

Date of measurement: 22/7/2021

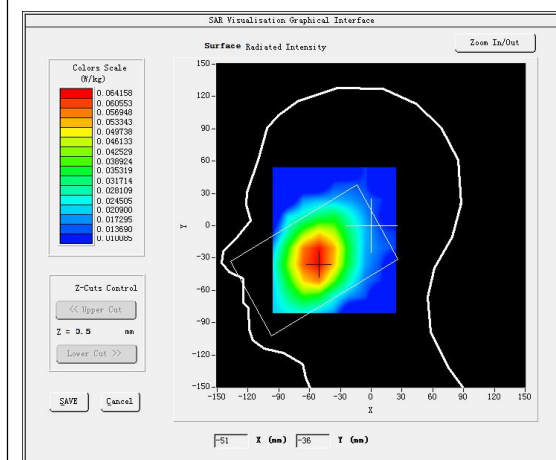
A. Experimental conditions.

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

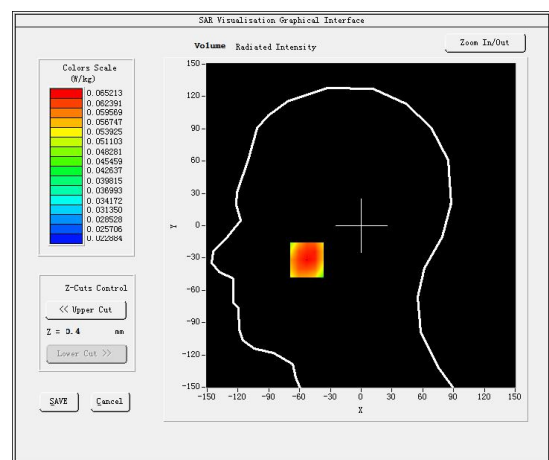
B. SAR Measurement Results

Frequency (MHz)	707.500000
Relative permittivity (real part)	41.766384
Relative permittivity (imaginary part)	21.763632
Conductivity (S/m)	0.855432
Variation (%)	0.890000

SURFACE SAR



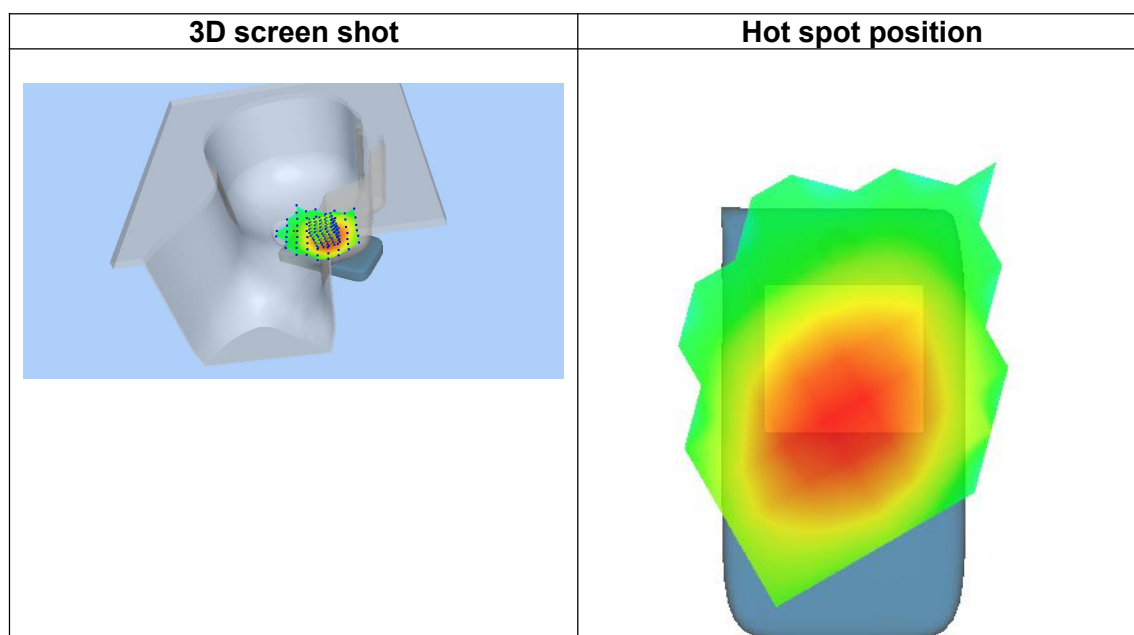
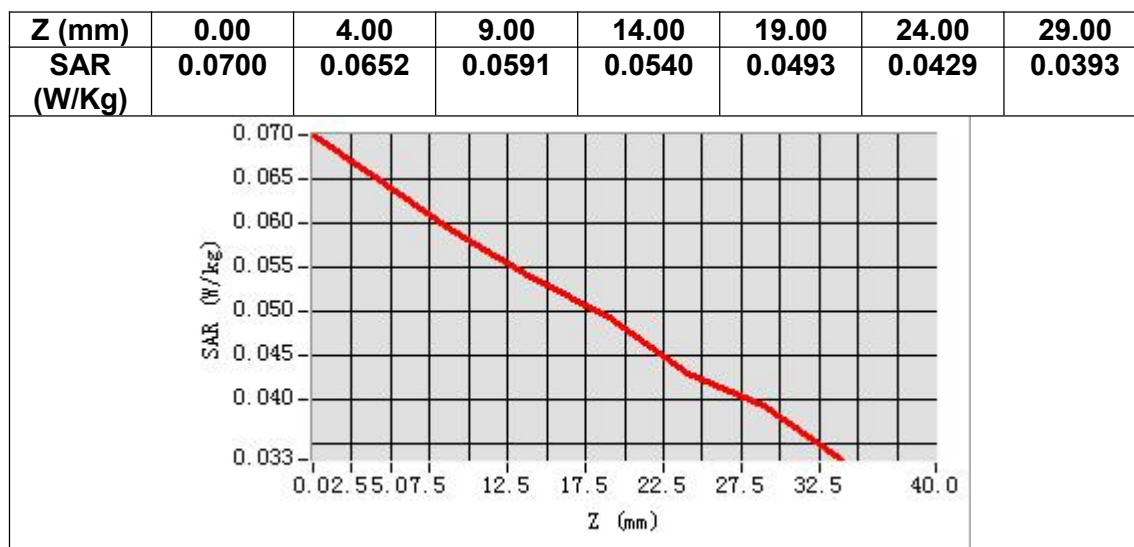
VOLUME SAR



Maximum location: X=-53.00, Y=-32.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.055080
SAR 1g (W/Kg)	0.064063



MEASUREMENT 30

Date of measurement: 22/7/2021

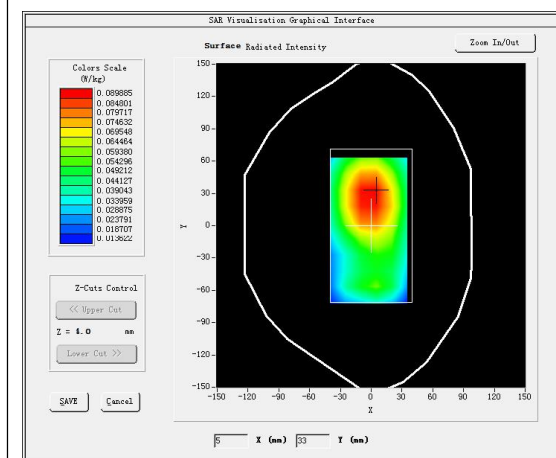
A. Experimental conditions.

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

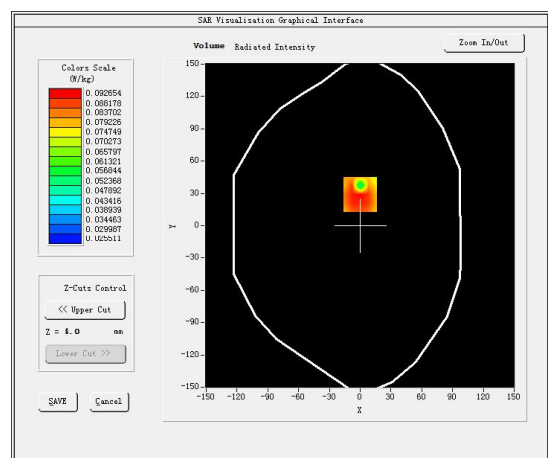
B. SAR Measurement Results

Frequency (MHz)	707.500000
Relative permittivity (real part)	41.766384
Relative permittivity (imaginary part)	21.763632
Conductivity (S/m)	0.855432
Variation (%)	-0.420000

SURFACE SAR



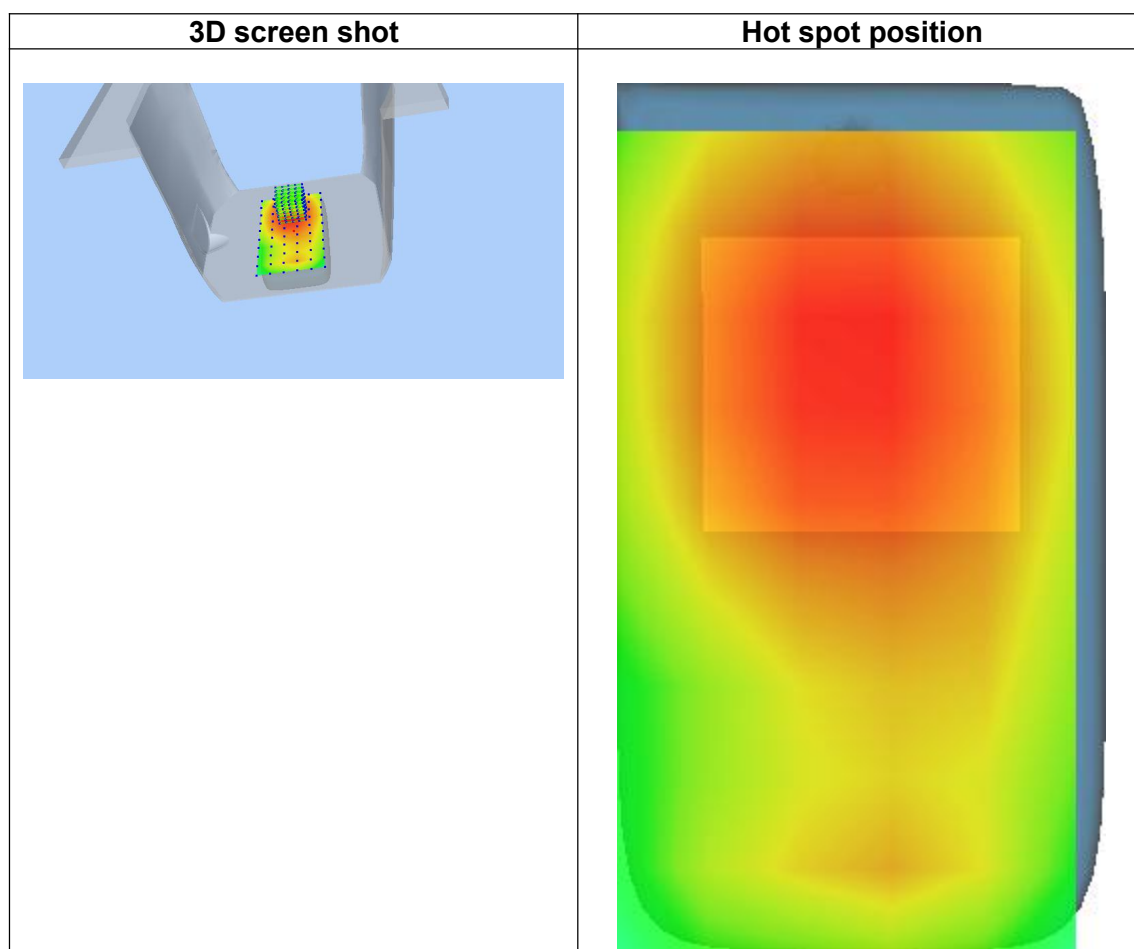
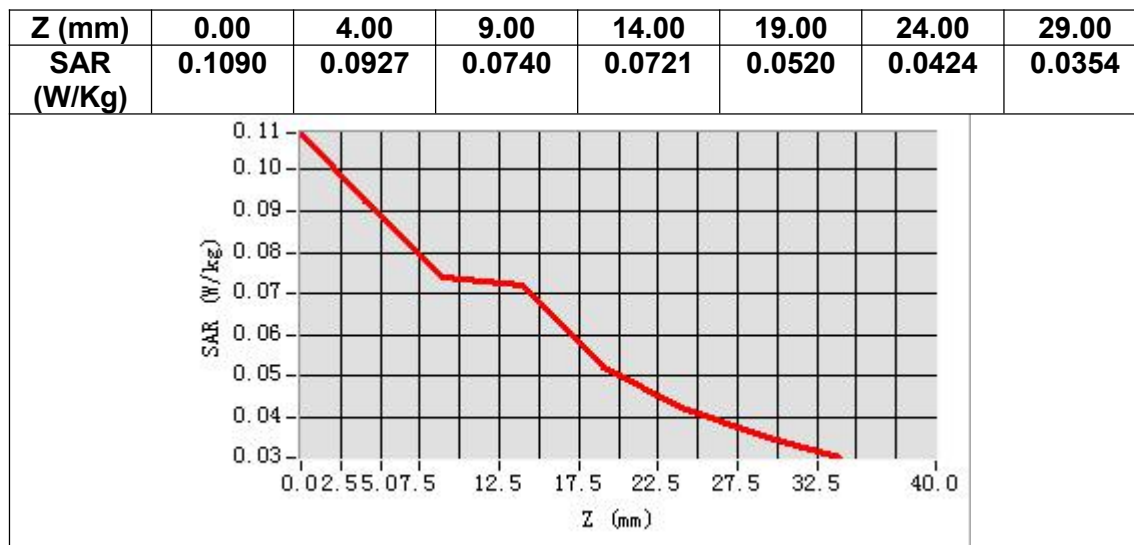
VOLUME SAR



Maximum location: X=0.00, Y=29.00

SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.071431
SAR 1g (W/Kg)	0.094220



MEASUREMENT 31

Date of measurement: 22/7/2021

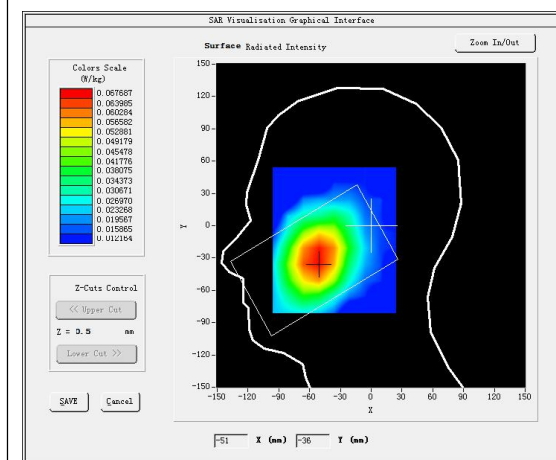
A. Experimental conditions.

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

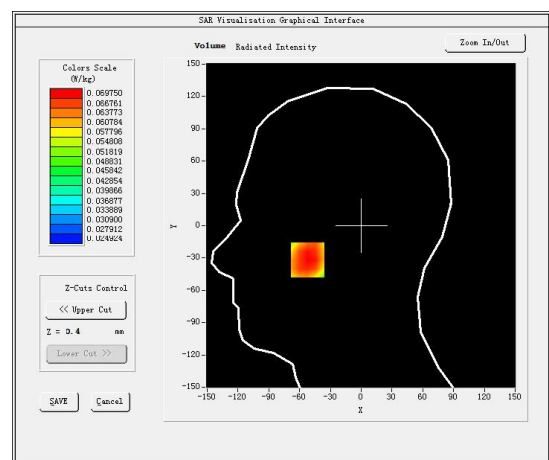
B. SAR Measurement Results

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.751034
Relative permittivity (imaginary part)	21.704081
Conductivity (S/m)	0.856105
Variation (%)	4.740000

SURFACE SAR



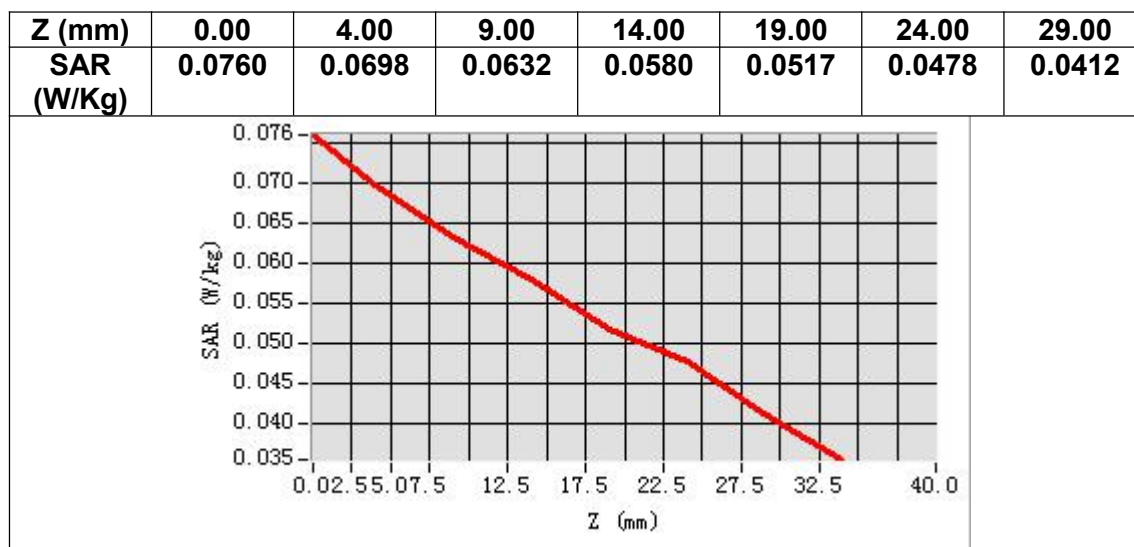
VOLUME SAR



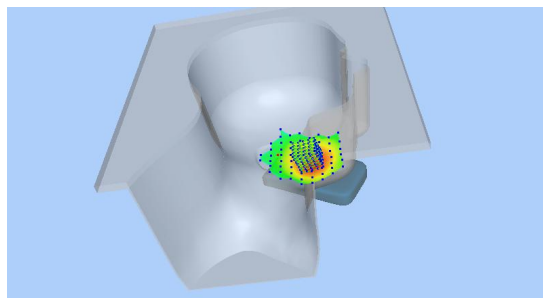
Maximum location: X=-52.00, Y=-32.00

SAR Peak: 0.08 W/kg

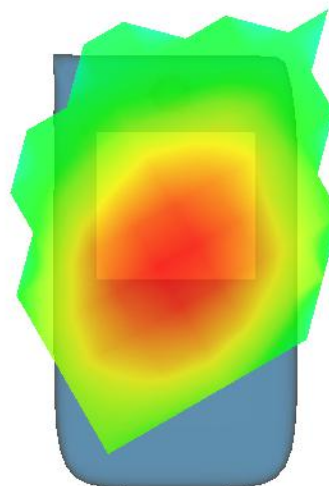
SAR 10g (W/Kg)	0.058900
SAR 1g (W/Kg)	0.069381



3D screen shot



Hot spot position



MEASUREMENT 32

Date of measurement: 22/7/2021

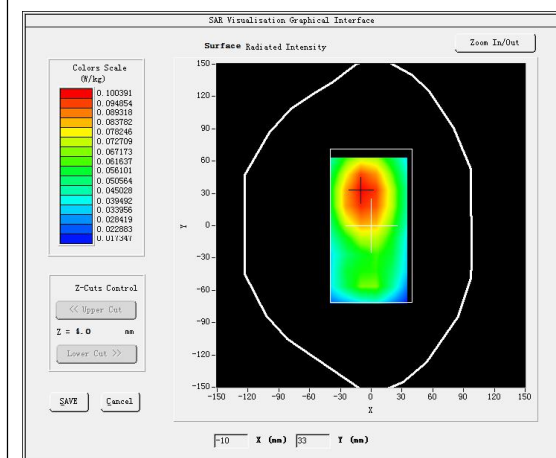
A. Experimental conditions.

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

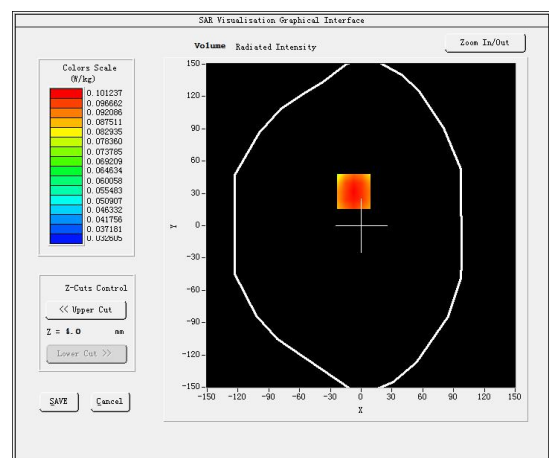
B. SAR Measurement Results

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.751034
Relative permittivity (imaginary part)	21.704081
Conductivity (S/m)	0.856105
Variation (%)	0.790000

SURFACE SAR



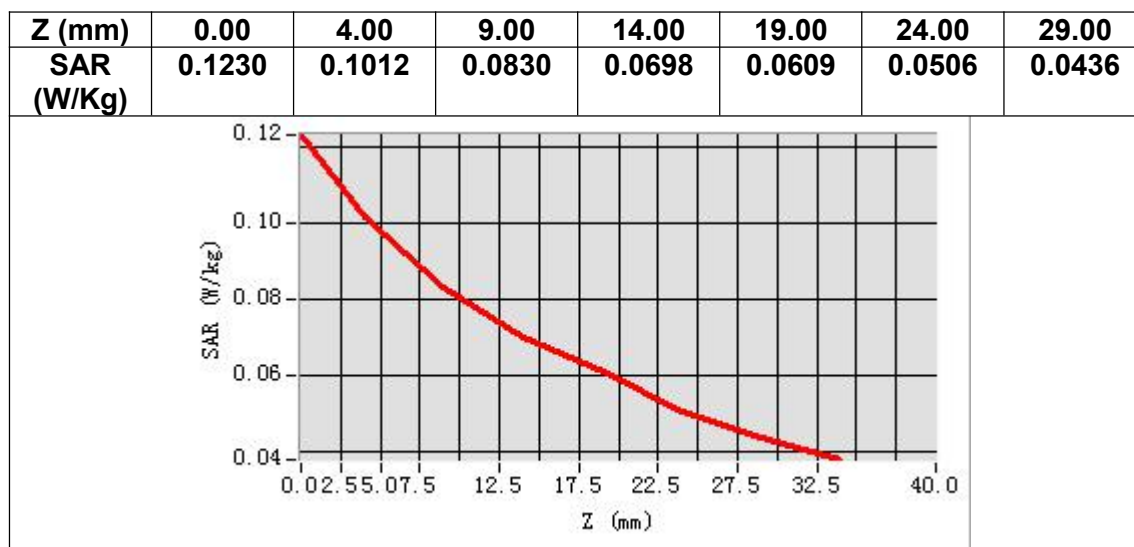
VOLUME SAR



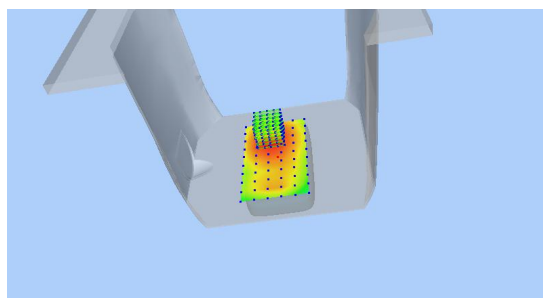
Maximum location: X=-7.00, Y=32.00

SAR Peak: 0.12 W/kg

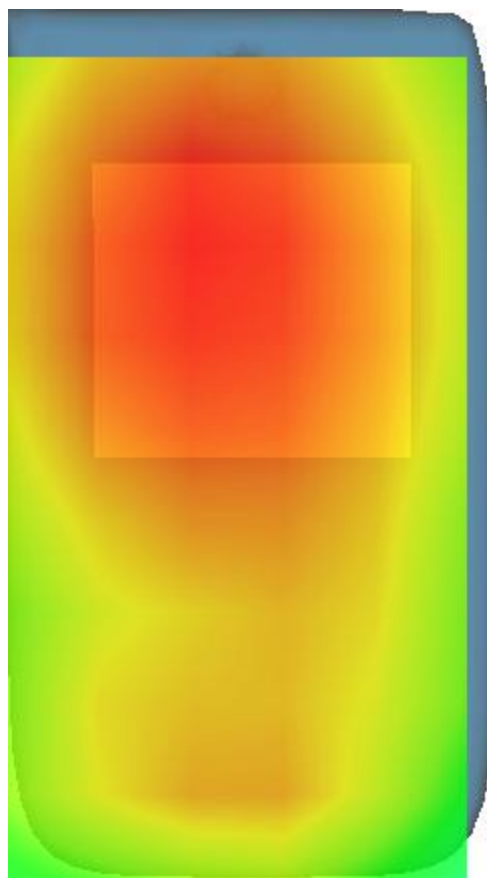
SAR 10g (W/Kg)	0.079269
SAR 1g (W/Kg)	0.099218



3D screen shot



Hot spot position



MEASUREMENT 33

Date of measurement: 17/7/2021

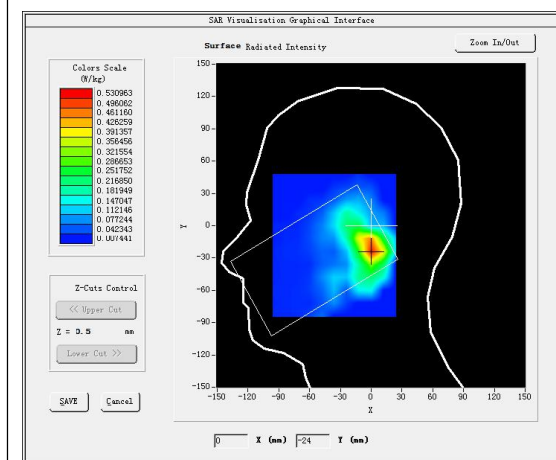
A. Experimental conditions.

Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>NR N41</u>
Channels	<u>Middle</u>
Signal	<u>(Crest factor: 1.6)</u>

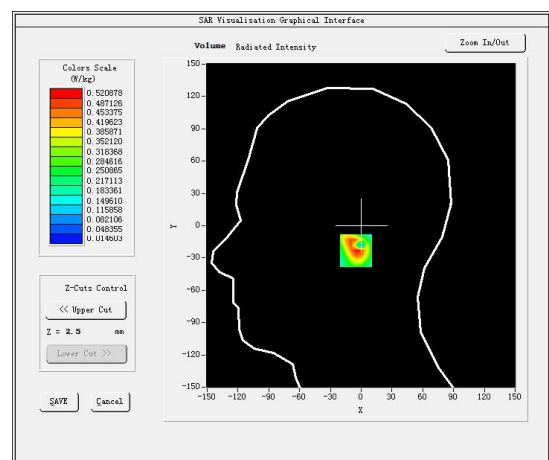
B. SAR Measurement Results

Frequency (MHz)	2592.990000
Relative permittivity (real part)	39.670113
Relative permittivity (imaginary part)	14.164350
Conductivity (S/m)	2.040445
Variation (%)	0.350000

SURFACE SAR



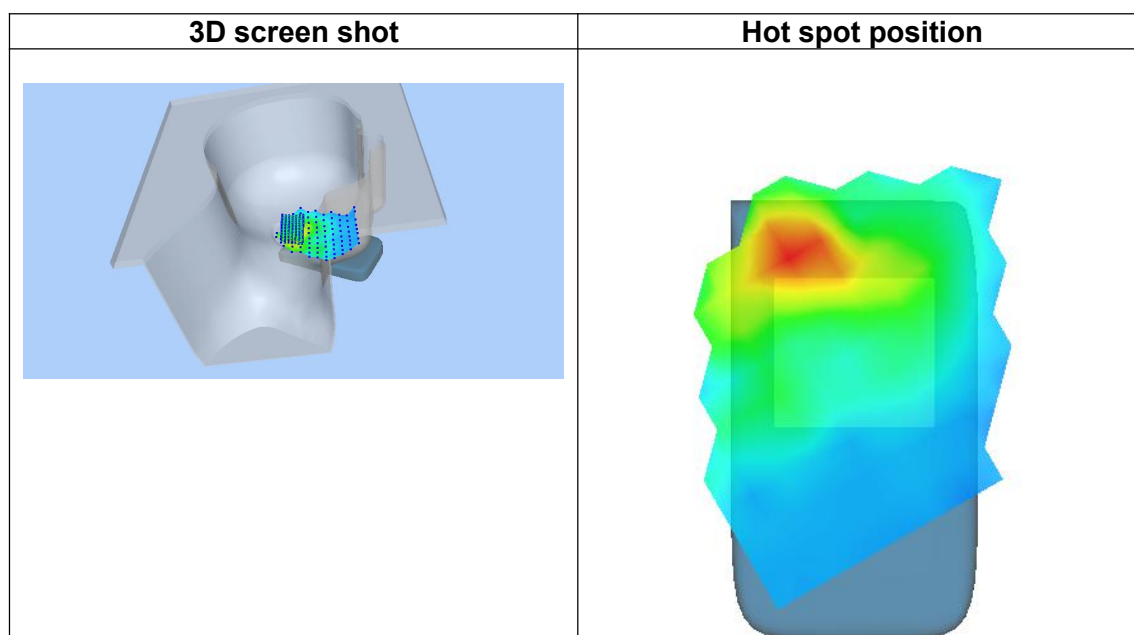
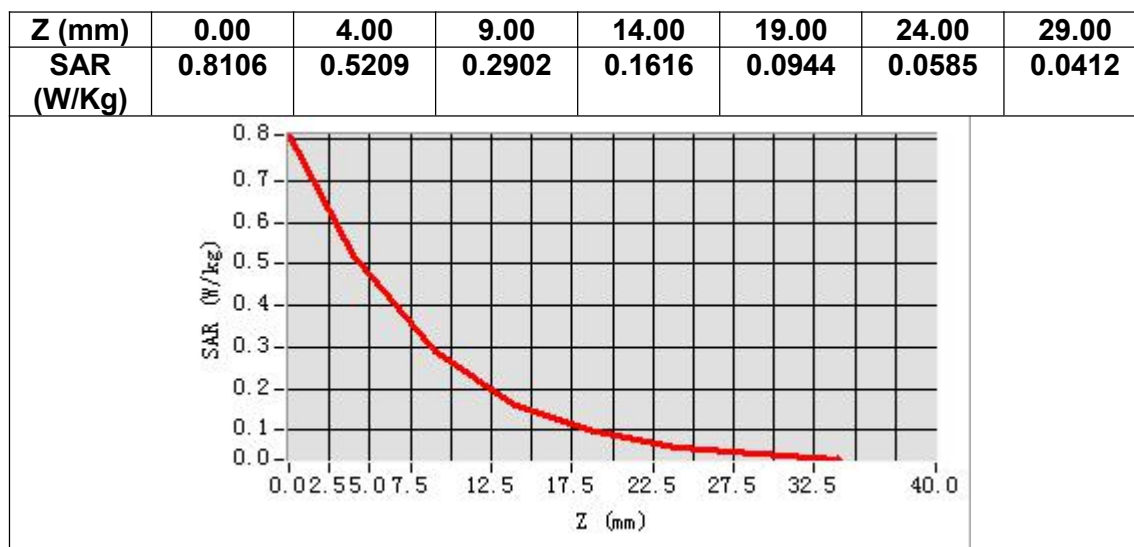
VOLUME SAR



Maximum location: X=1.00, Y=-23.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.227356
SAR 1g (W/Kg)	0.435249



MEASUREMENT 34

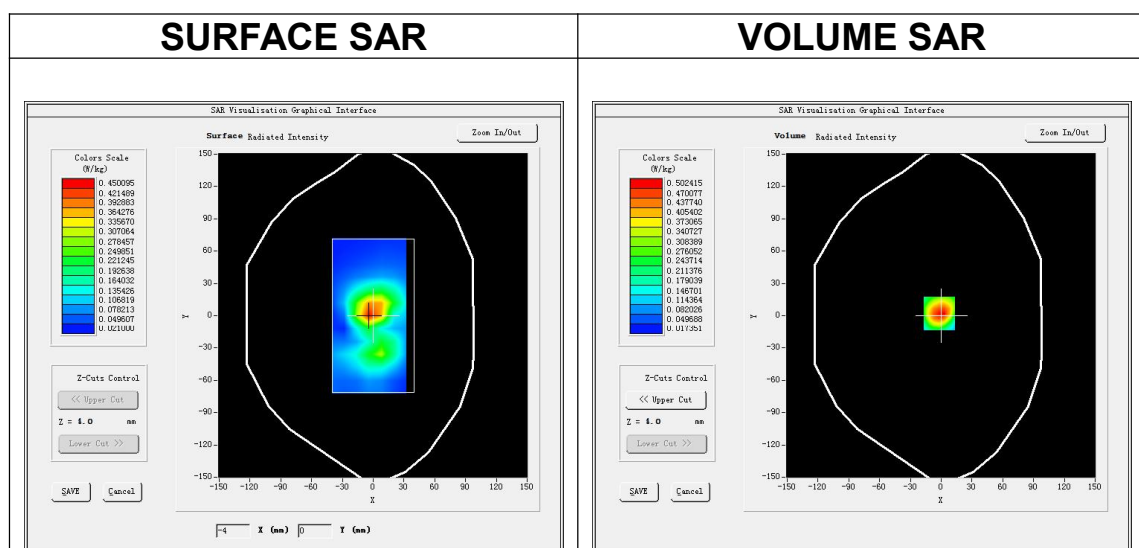
Date of measurement: 17/7/2021

A. Experimental conditions.

<u>Area Scan</u>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x7,dx=5mm dy=5mm dz=5mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>NR N41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>(Crest factor: 1.6)</u>

B. SAR Measurement Results

Frequency (MHz)	2592.990000
Relative permittivity (real part)	39.670113
Relative permittivity (imaginary part)	14.164350
Conductivity (S/m)	2.040445
Variation (%)	-0.100000



Maximum location: X=-2.00, Y=2.00

SAR Peak: 0.81 W/kg

SAR 10g (W/Kg)	0.240971
SAR 1g (W/Kg)	0.475592