

Appendix B. MEASUREMENT SCANS

Date of measurement: 12/5/2020

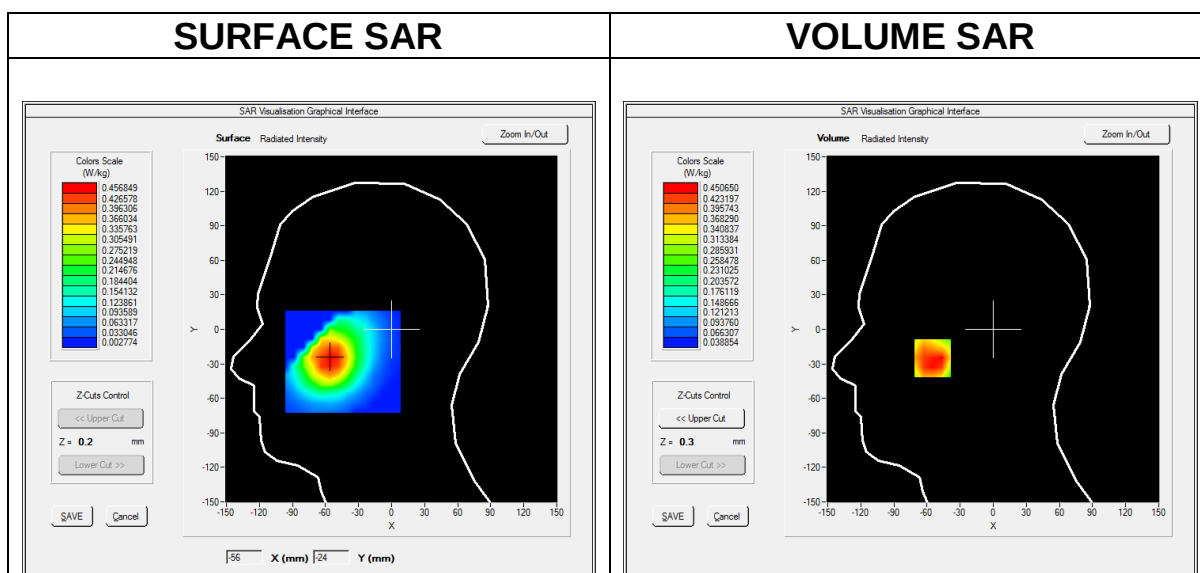
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Left head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.3)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 189):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.415878
Relative permittivity (imaginary part)	19.257500
Conductivity (S/m)	0.894832
Variation (%)	0.400000



Maximum location: X=-55.00, Y=-25.00

SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.314186
SAR 1g (W/Kg)	0.448328

Date of measurement: 12/5/2020

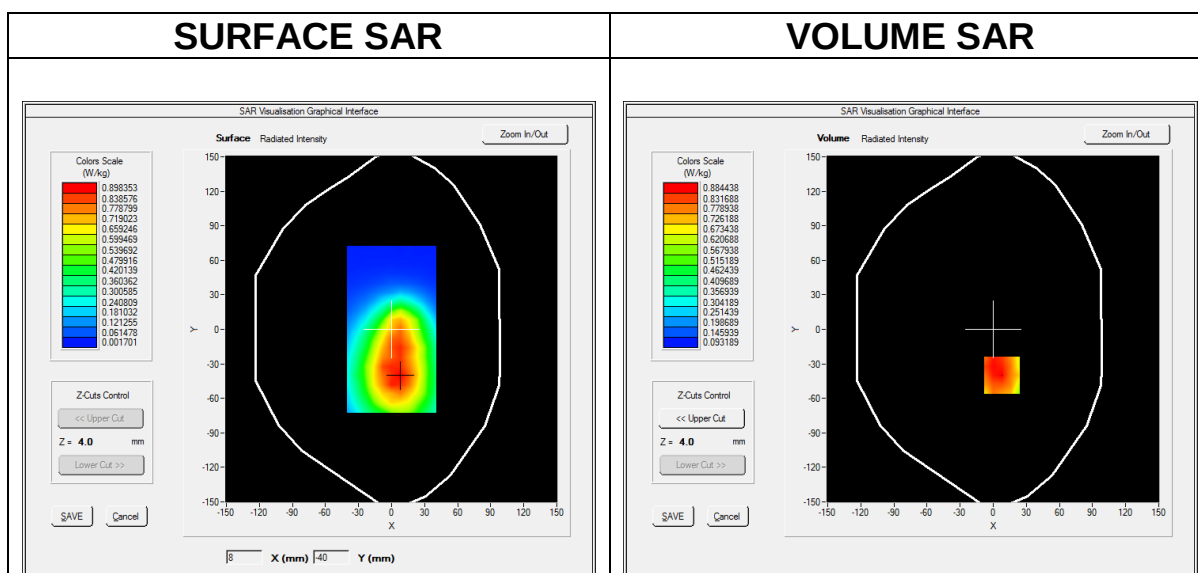
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 4.1)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 189):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.415878
Relative permittivity (imaginary part)	19.257500
Conductivity (S/m)	0.894832
Variation (%)	-3.290000



Maximum location: X=8.00, Y=-40.00

SAR Peak: 1.17 W/kg

SAR 10g (W/Kg)	0.608255
SAR 1g (W/Kg)	0.862108

Date of measurement: 12/5/2020

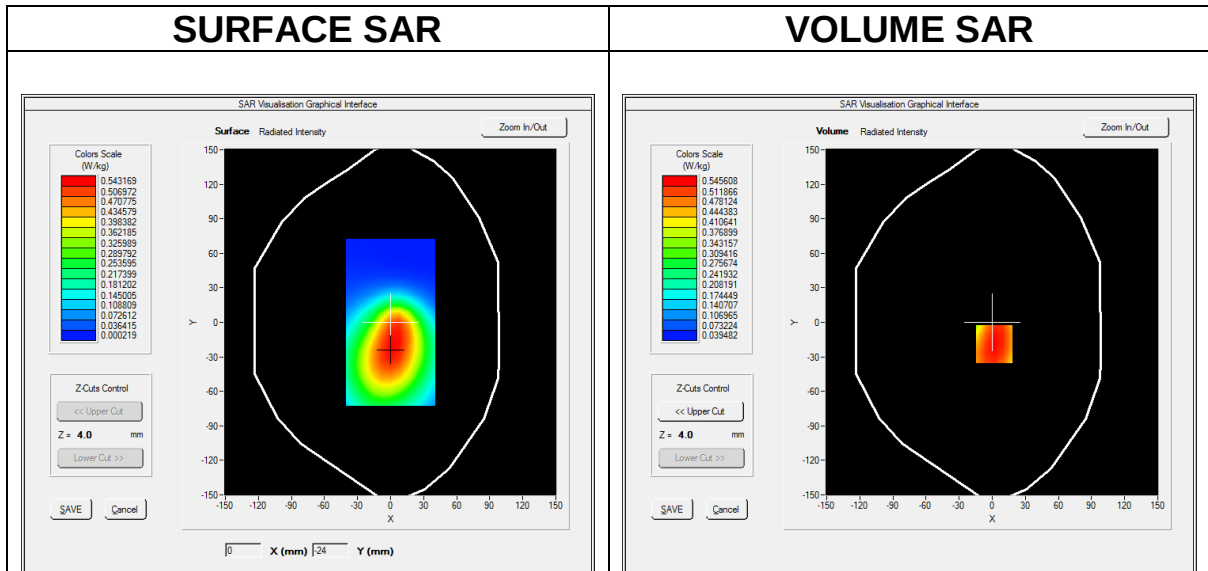
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.3)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 189):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.415878
Relative permittivity (imaginary part)	19.257500
Conductivity (S/m)	0.894832
Variation (%)	-1.160000



Maximum location: X=2.00, Y=-19.00

SAR Peak: 0.74 W/kg

SAR 10g (W/Kg)	0.374117
SAR 1g (W/Kg)	0.530106

Date of measurement: 14/5/2020

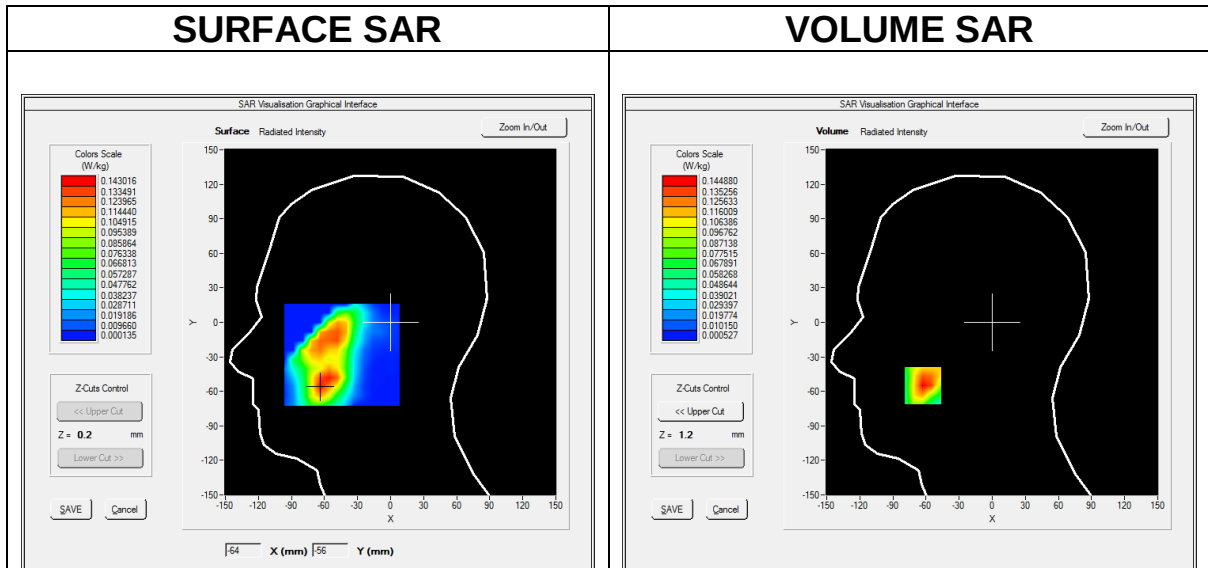
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.3)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.433399
Relative permittivity (imaginary part)	13.200500
Conductivity (S/m)	1.378719
Variation (%)	-21.400000



Maximum location: X=-63.00, Y=-55.00

SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.077567
SAR 1g (W/Kg)	0.135821

Date of measurement: 14/5/2020

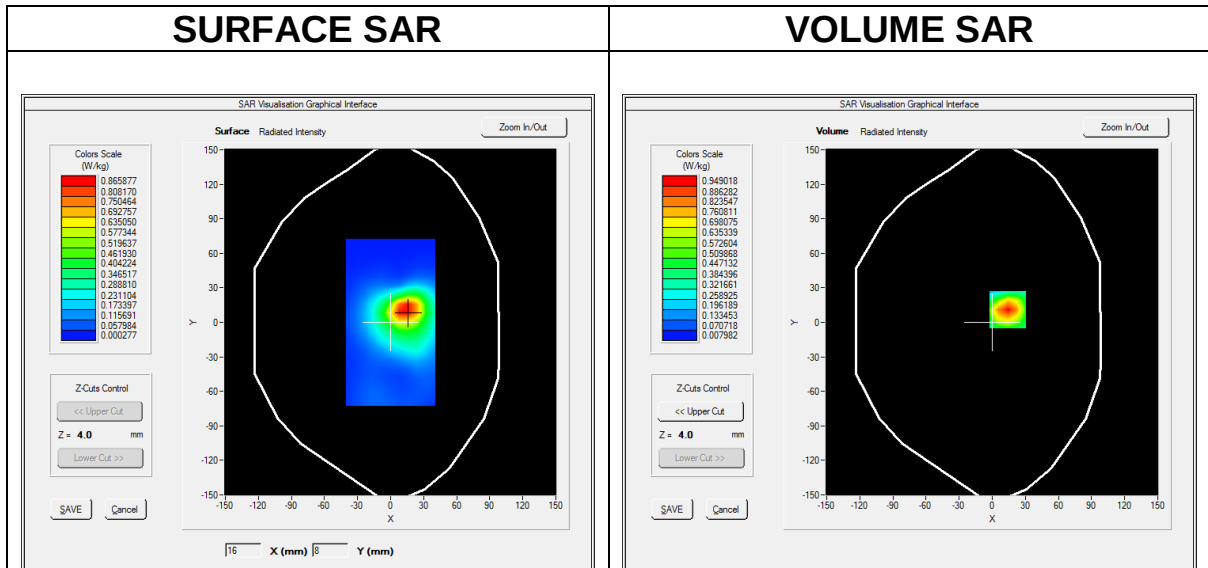
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 4.1)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.433399
Relative permittivity (imaginary part)	13.200500
Conductivity (S/m)	1.378719
Variation (%)	0.980000



Maximum location: X=14.00, Y=11.00

SAR Peak: 1.39 W/kg

SAR 10g (W/Kg)	0.469965
SAR 1g (W/Kg)	0.872523

Date of measurement: 14/5/2020

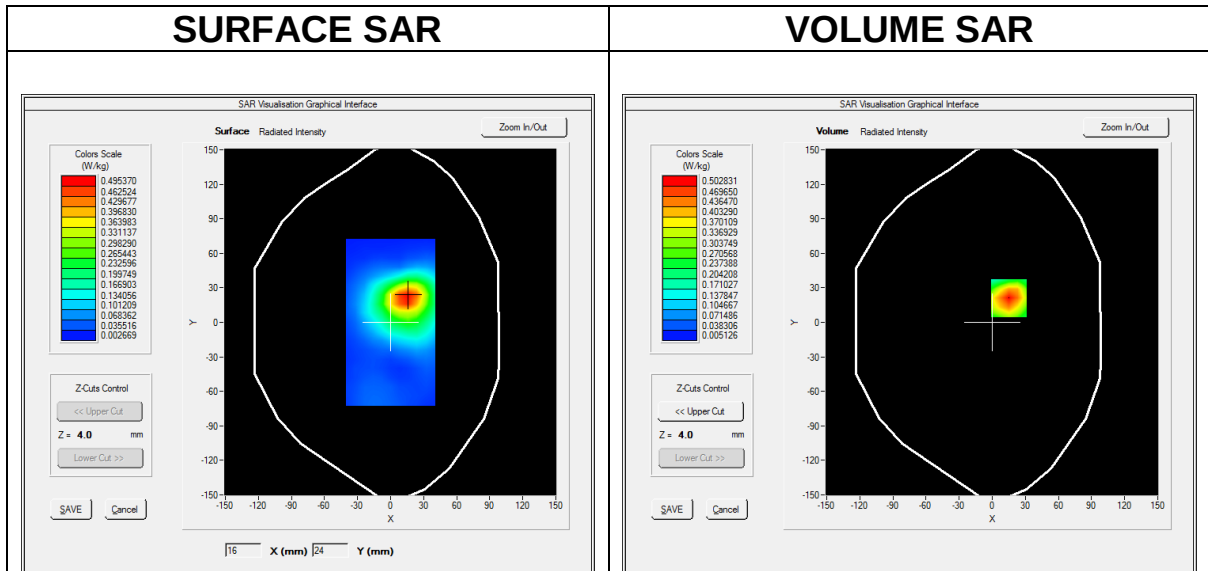
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>GSM1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>TDMA (Crest factor: 8.3)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 661):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.433399
Relative permittivity (imaginary part)	13.200500
Conductivity (S/m)	1.378719
Variation (%)	2.510000



Maximum location: X=15.00, Y=21.00

SAR Peak: 0.71 W/kg

SAR 10g (W/Kg)	0.267980
SAR 1g (W/Kg)	0.466720

Date of measurement: 14/5/2020

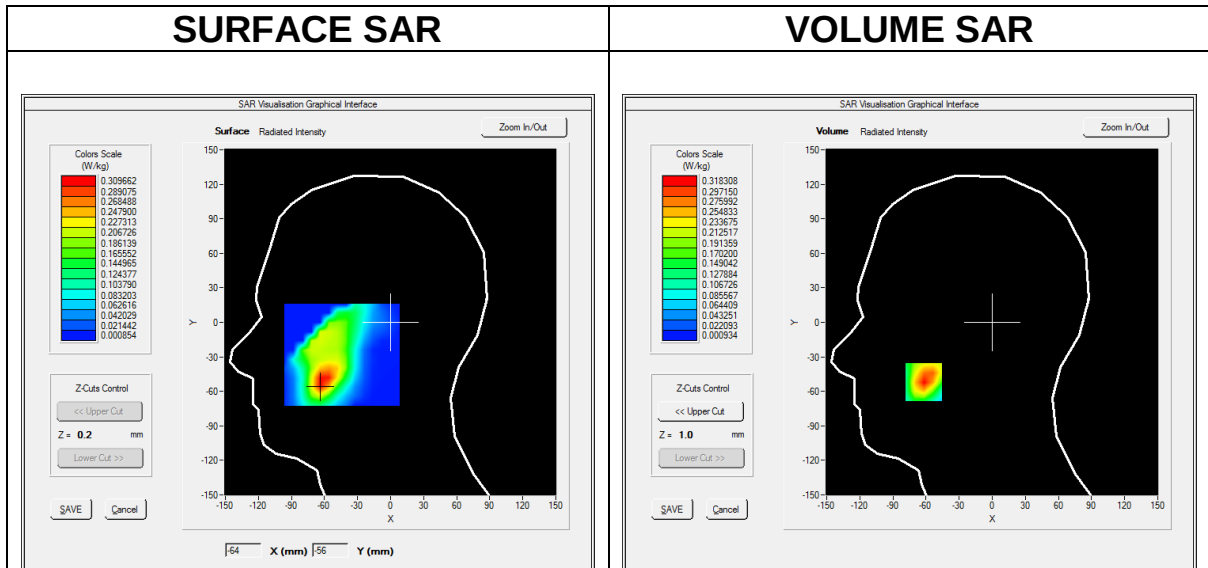
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.433399
Relative permittivity (imaginary part)	13.200500
Conductivity (S/m)	1.378719
Variation (%)	-4.270000



Maximum location: X=-62.00, Y=-52.00

SAR Peak: 0.47 W/kg

SAR 10g (W/Kg)	0.166980
SAR 1g (W/Kg)	0.298313

Date of measurement: 14/5/2020

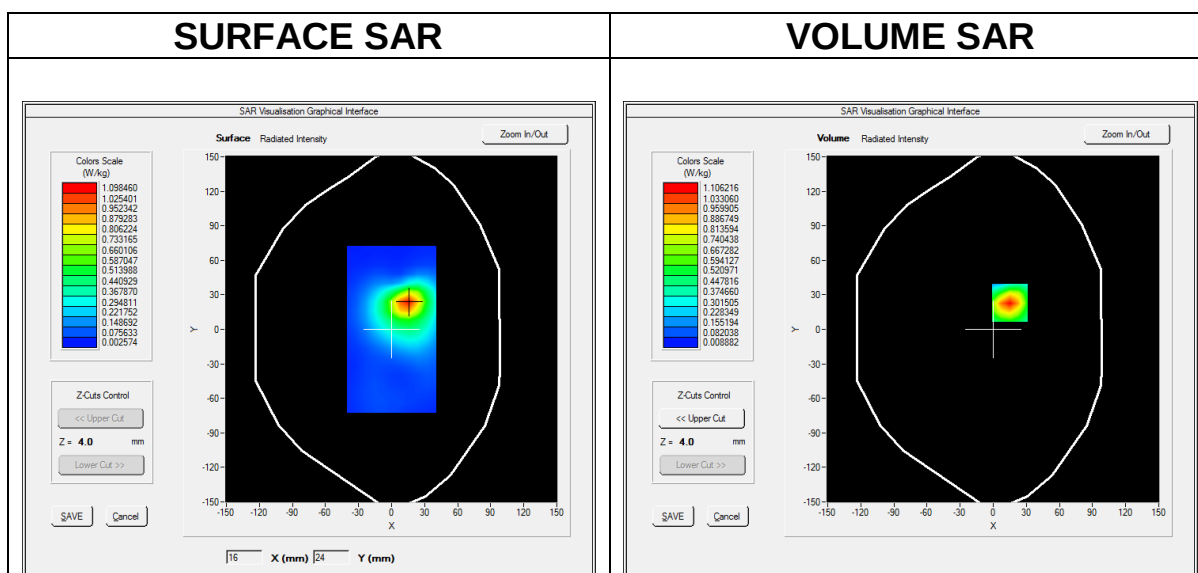
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.433399
Relative permittivity (imaginary part)	13.200500
Conductivity (S/m)	1.378719
Variation (%)	-0.790000



Maximum location: X=15.00, Y=23.00

SAR Peak: 1.66 W/kg

SAR 10g (W/Kg)	0.544040
SAR 1g (W/Kg)	1.019761

Date of measurement: 14/5/2020

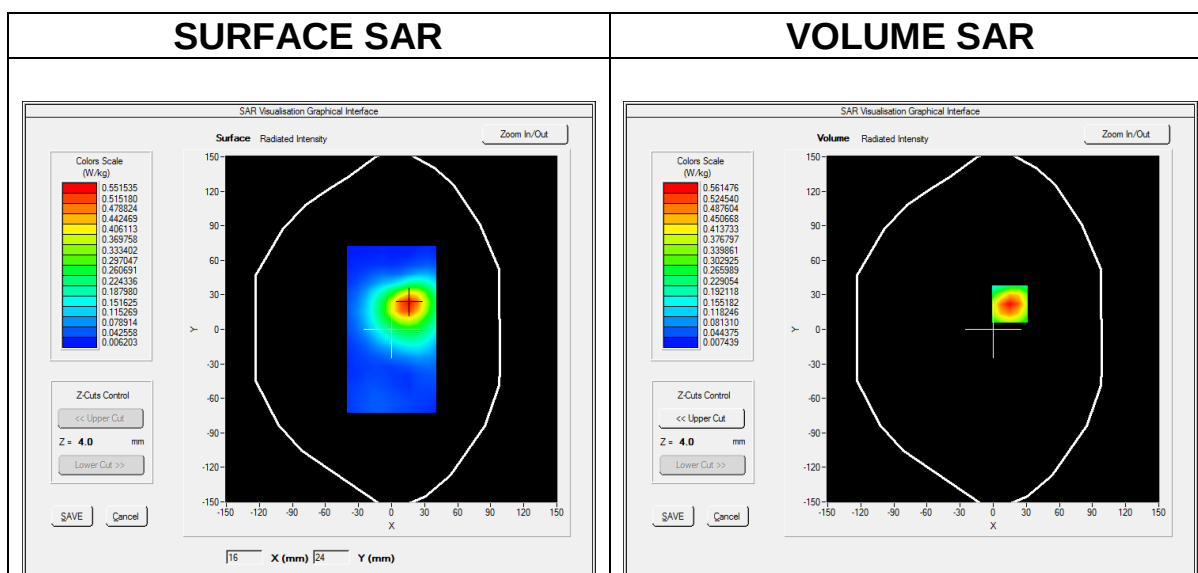
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band2 WCDMA1900</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 9400):

Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.433399
Relative permittivity (imaginary part)	13.200500
Conductivity (S/m)	1.378719
Variation (%)	-1.960000



Maximum location: X=15.00, Y=22.00

SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.299461
SAR 1g (W/Kg)	0.528299

Date of measurement: 12/5/2020

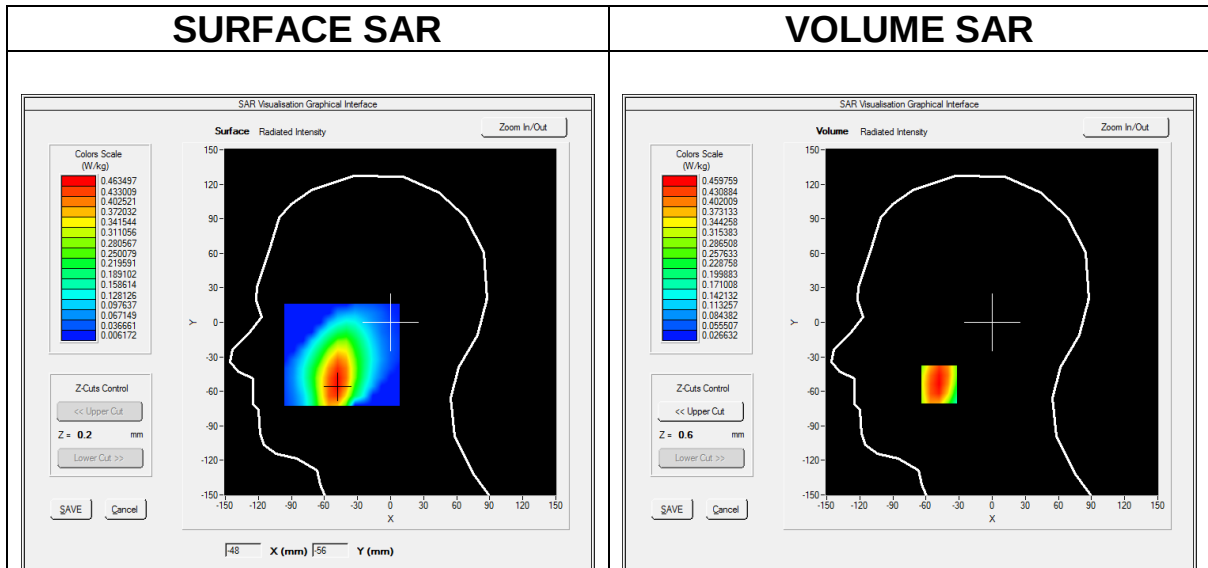
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.415878
Relative permittivity (imaginary part)	19.257500
Conductivity (S/m)	0.894832
Variation (%)	-10.160000



Maximum location: X=-48.00, Y=-54.00

SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.303195
SAR 1g (W/Kg)	0.445548

Date of measurement: 12/5/2020

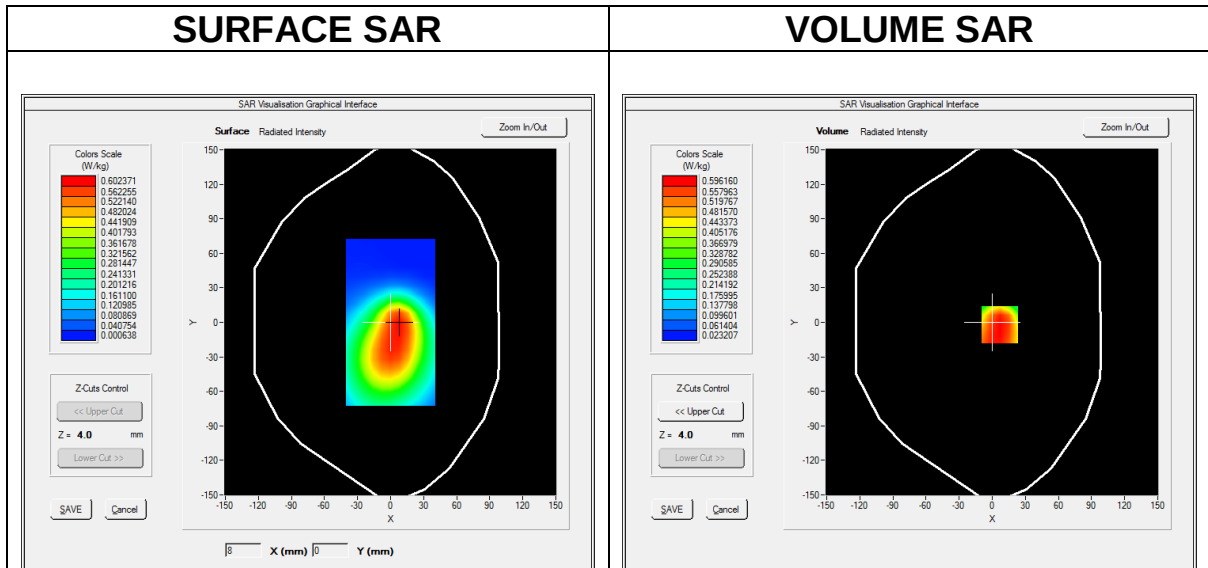
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.415878
Relative permittivity (imaginary part)	19.257500
Conductivity (S/m)	0.894832
Variation (%)	-0.980000



Maximum location: X=7.00, Y=-2.00

SAR Peak: 0.89 W/kg

SAR 10g (W/Kg)	0.387757
SAR 1g (W/Kg)	0.590575

Date of measurement: 12/5/2020

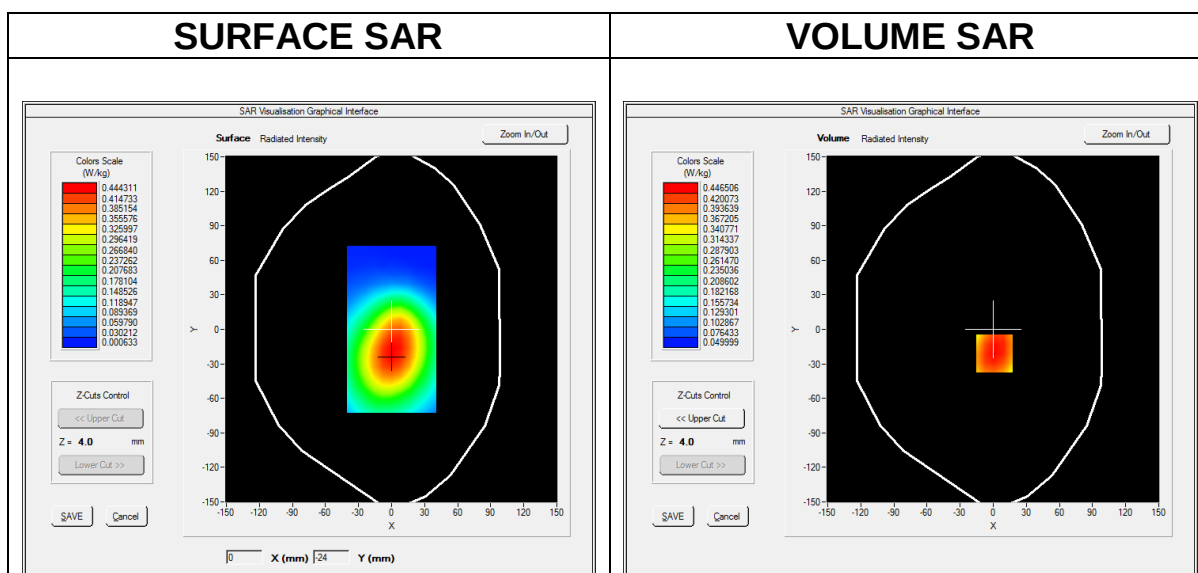
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>Band5 WCDMA850</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>WCDMA (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 4182):

Frequency (MHz)	836.400024
Relative permittivity (real part)	40.415878
Relative permittivity (imaginary part)	19.257500
Conductivity (S/m)	0.894832
Variation (%)	-0.810000



Maximum location: X=1.00, Y=-21.00

SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)	0.309491
SAR 1g (W/Kg)	0.434611

Date of measurement: 15/5/2020

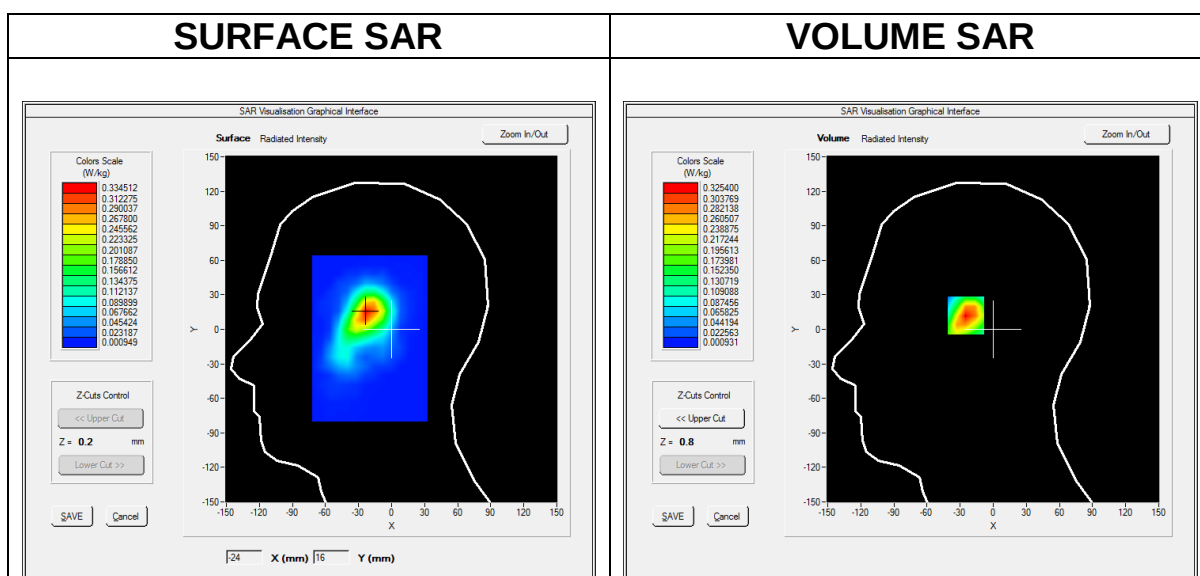
A. Experimental conditions.

<u>Area Scan</u>	<u>zinf5.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nzinf5.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>IEEE 802.11b ISM</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>IEEE802.b (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	36.783298
Relative permittivity (imaginary part)	13.481900
Conductivity (S/m)	1.825299
Variation (%)	7.350000



Maximum location: X=-23.00, Y=15.00

SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)	0.147120
SAR 1g (W/Kg)	0.313268

Date of measurement: 15/5/2020

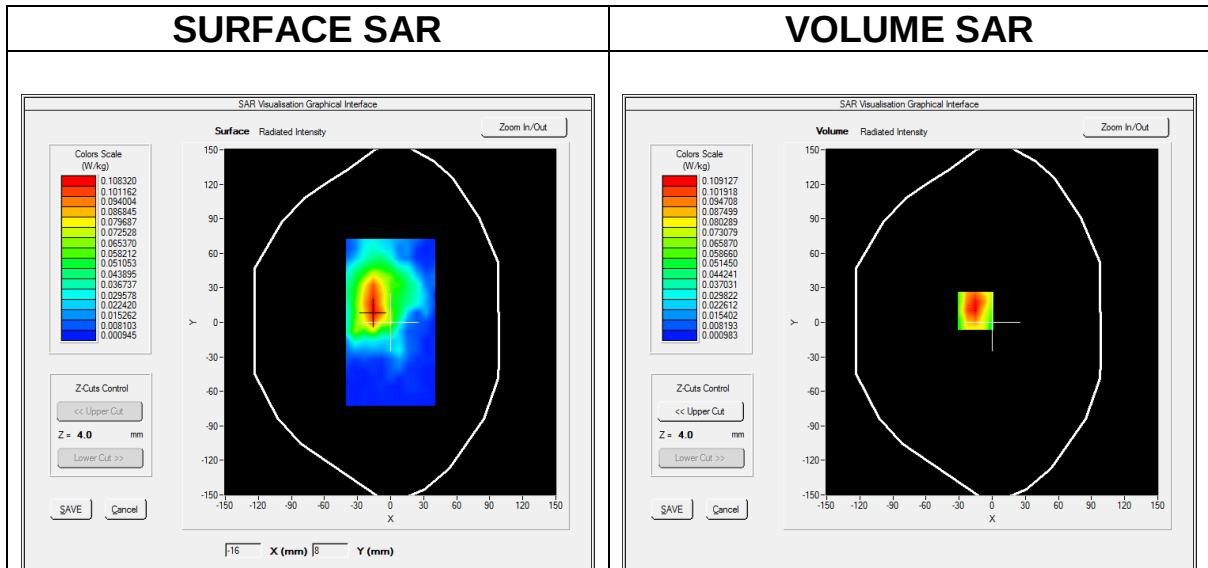
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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.b (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	36.783298
Relative permittivity (imaginary part)	13.481900
Conductivity (S/m)	1.825299
Variation (%)	14.180000



Maximum location: X=-15.00, Y=10.00

SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)	0.053139
SAR 1g (W/Kg)	0.109565

Date of measurement: 15/5/2020

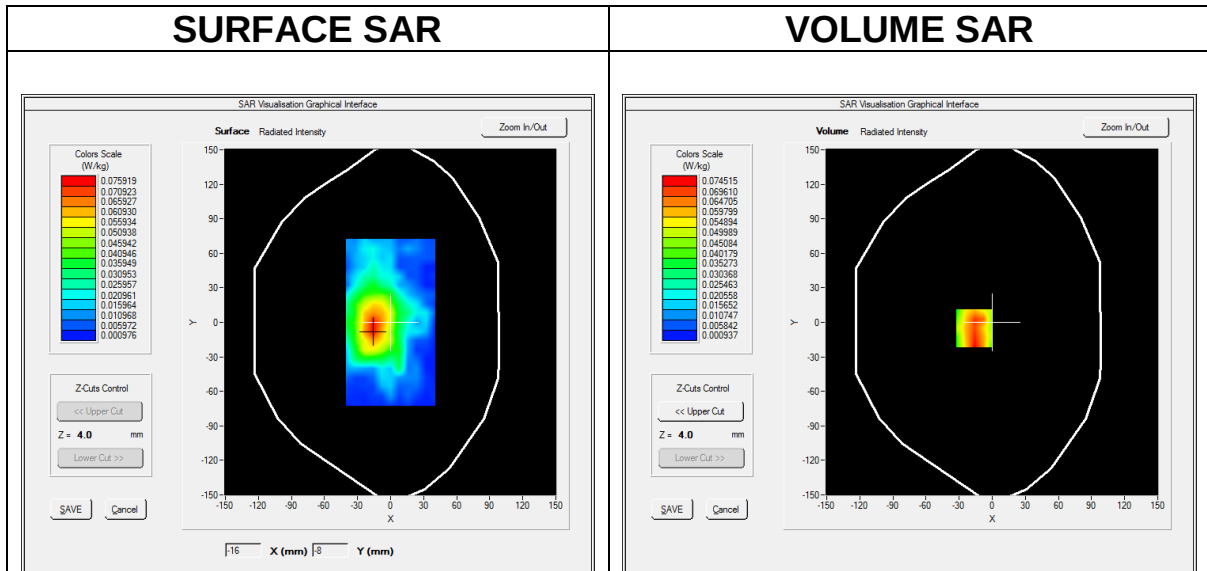
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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.b (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 6):

Frequency (MHz)	2437.000000
Relative permittivity (real part)	36.783298
Relative permittivity (imaginary part)	13.481900
Conductivity (S/m)	1.825299
Variation (%)	-1.900000



Maximum location: X=-16.00, Y=-5.00

SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.035315
SAR 1g (W/Kg)	0.070238

Date of measurement: 14/5/2020

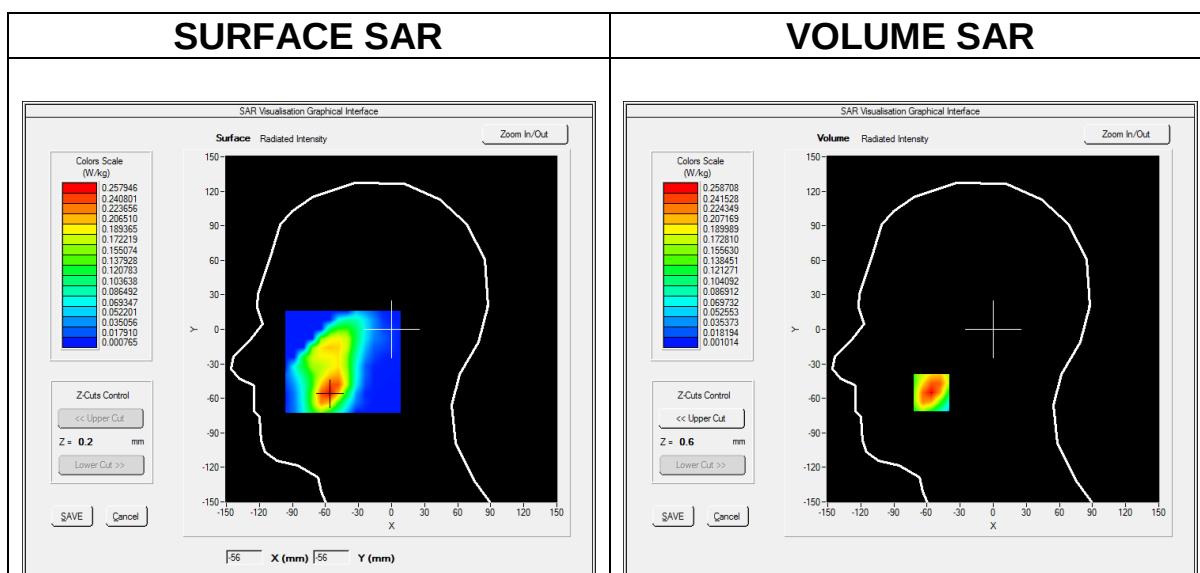
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right 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>

C. SAR Measurement Results

Middle Band SAR (Channel 18900):

Frequency (MHz)	1879.500000
Relative permittivity (real part)	38.414349
Relative permittivity (imaginary part)	13.211250
Conductivity (S/m)	1.379475
Variation (%)	-22.480000



Maximum location: X=-56.00, Y=-55.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.142321
SAR 1g (W/Kg)	0.243498

Date of measurement: 14/5/2020

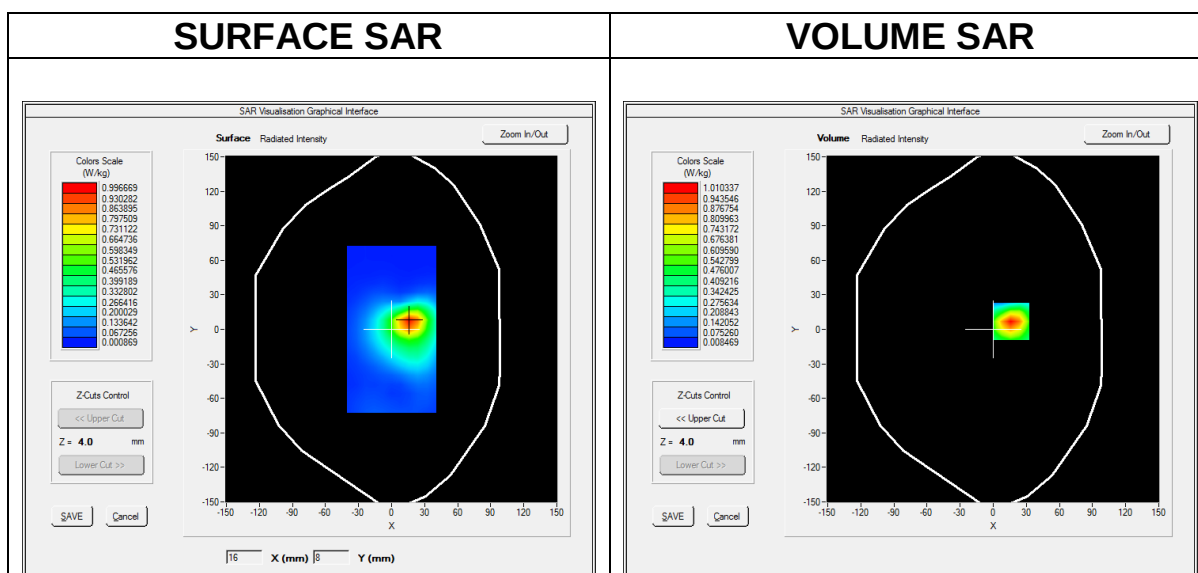
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 18900):

Frequency (MHz)	1879.500000
Relative permittivity (real part)	38.414349
Relative permittivity (imaginary part)	13.211250
Conductivity (S/m)	1.379475
Variation (%)	-1.060000



Maximum location: X=16.00, Y=7.00

SAR Peak: 1.49 W/kg

SAR 10g (W/Kg)	0.498229
SAR 1g (W/Kg)	0.929746

Date of measurement: 14/5/2020

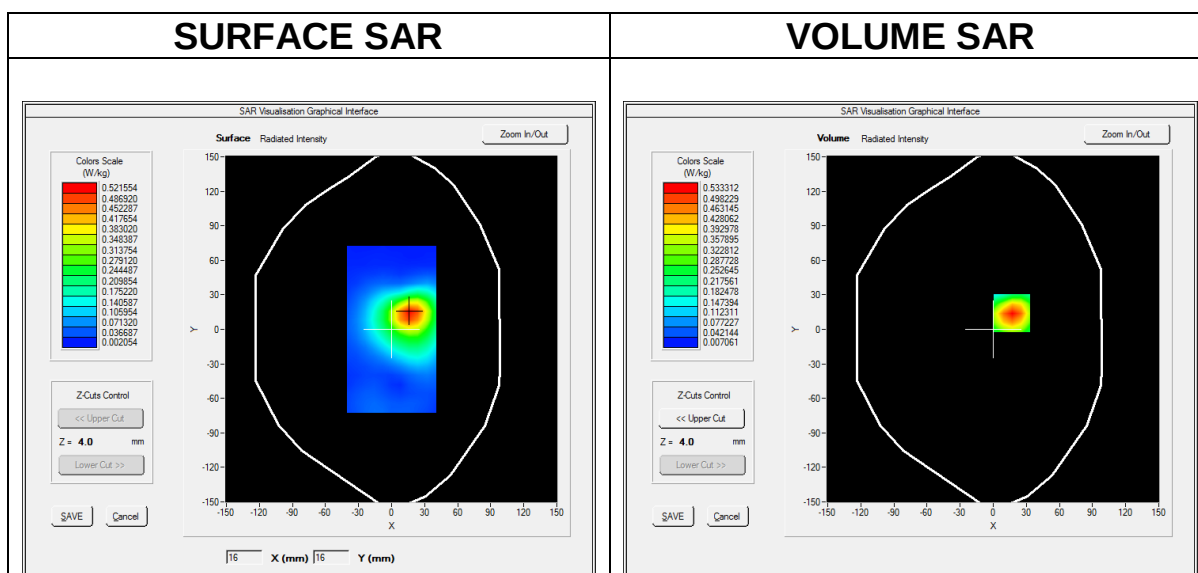
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 18900):

Frequency (MHz)	1879.500000
Relative permittivity (real part)	38.414349
Relative permittivity (imaginary part)	13.211250
Conductivity (S/m)	1.379475
Variation (%)	-1.860000



Maximum location: X=17.00, Y=14.00

SAR Peak: 0.78 W/kg

SAR 10g (W/Kg)	0.282276
SAR 1g (W/Kg)	0.499375

Date of measurement: 13/5/2020

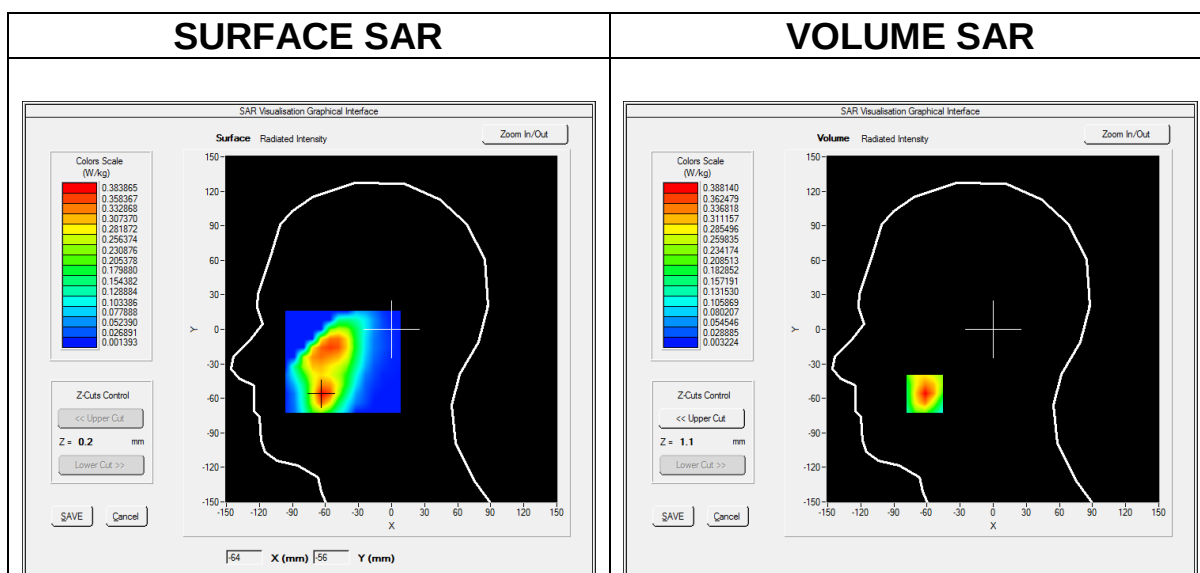
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right 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>

C. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.297798
Relative permittivity (imaginary part)	14.242600
Conductivity (S/m)	1.370850
Variation (%)	-19.160000



Maximum location: X=-62.00, Y=-56.00

SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.206767
SAR 1g (W/Kg)	0.368602

Date of measurement: 13/5/2020

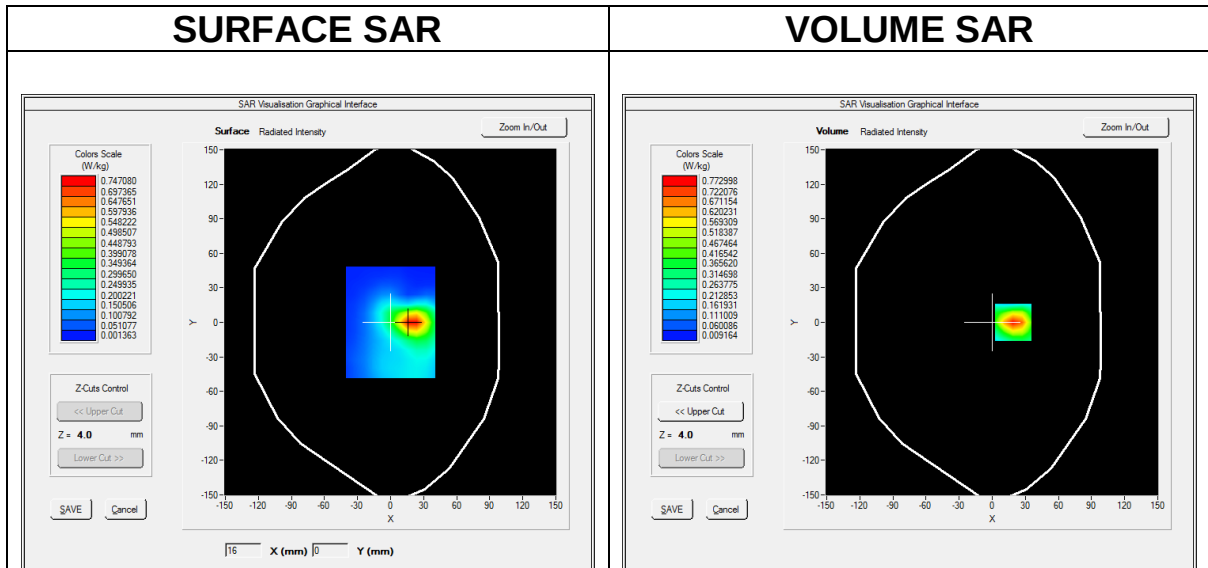
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.297798
Relative permittivity (imaginary part)	14.242600
Conductivity (S/m)	1.370850
Variation (%)	-0.320000



Maximum location: X=19.00, Y=0.00

SAR Peak: 1.14 W/kg

SAR 10g (W/Kg)	0.377363
SAR 1g (W/Kg)	0.714786

Date of measurement: 13/5/2020

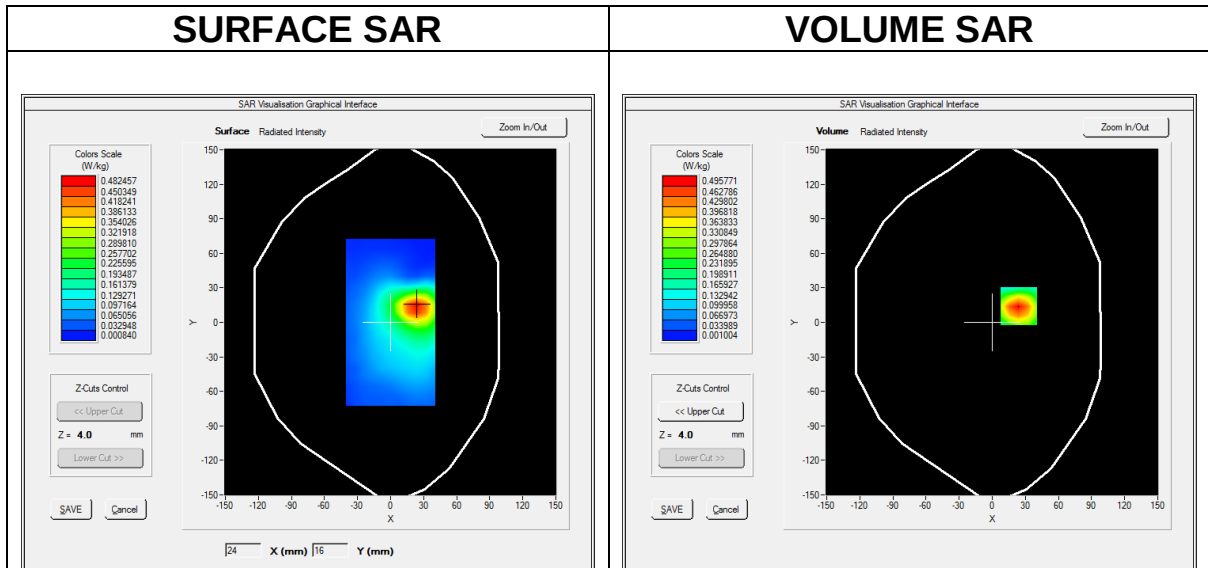
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 20175):

Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.297798
Relative permittivity (imaginary part)	14.242600
Conductivity (S/m)	1.370850
Variation (%)	-91.209999



Maximum location: X=24.00, Y=14.00

SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.265490
SAR 1g (W/Kg)	0.465171

Date of measurement: 12/5/2020

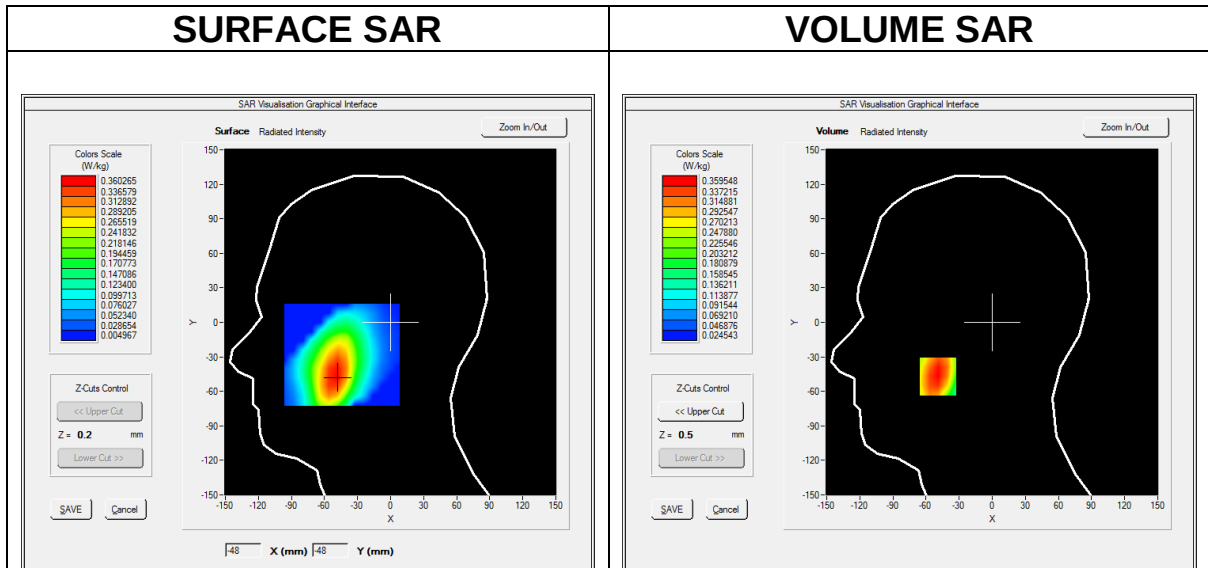
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right 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>

C. SAR Measurement Results

Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.418098
Relative permittivity (imaginary part)	19.261900
Conductivity (S/m)	0.895143
Variation (%)	-11.790000



Maximum location: X=-49.00, Y=-47.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.239836
SAR 1g (W/Kg)	0.351755

Date of measurement: 12/5/2020

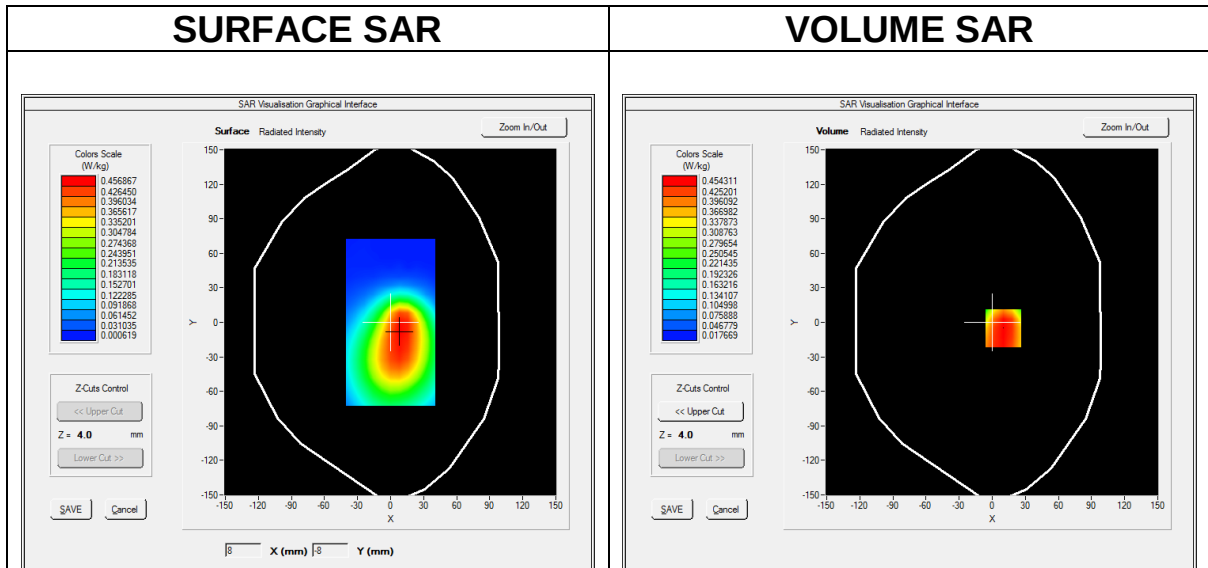
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.418098
Relative permittivity (imaginary part)	19.261900
Conductivity (S/m)	0.895143
Variation (%)	-1.680000



Maximum location: X=10.00, Y=-5.00

SAR Peak: 0.68 W/kg

SAR 10g (W/Kg)	0.300504
SAR 1g (W/Kg)	0.450869

Date of measurement: 12/5/2020

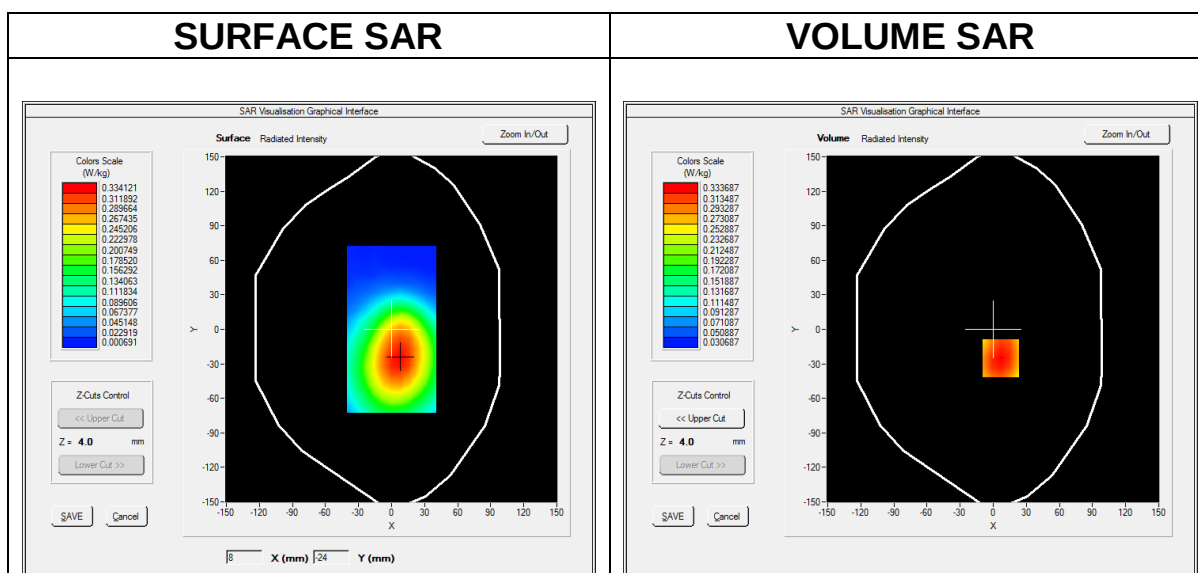
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 20525):

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.418098
Relative permittivity (imaginary part)	19.261900
Conductivity (S/m)	0.895143
Variation (%)	-1.540000



Maximum location: X=7.00, Y=-25.00

SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)	0.229518
SAR 1g (W/Kg)	0.324797

Date of measurement: 16/5/2020

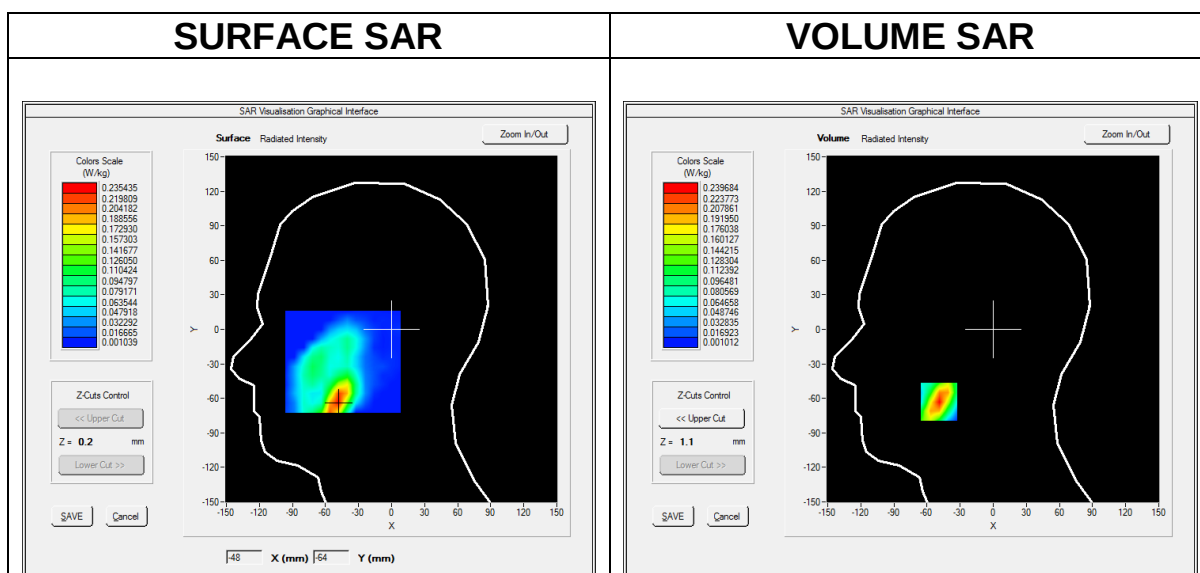
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right 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>

C. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.086666
Relative permittivity (imaginary part)	13.418333
Conductivity (S/m)	1.889749
Variation (%)	-14.790000



Maximum location: X=-49.00, Y=-63.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.103273
SAR 1g (W/Kg)	0.220916

Date of measurement: 16/5/2020

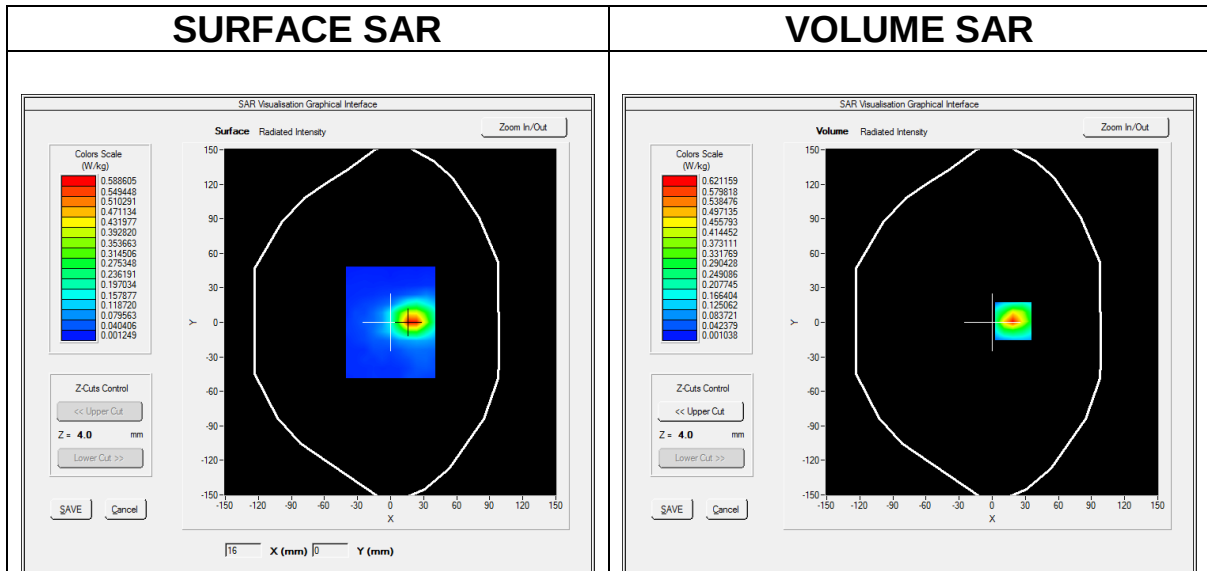
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.086666
Relative permittivity (imaginary part)	13.418333
Conductivity (S/m)	1.889749
Variation (%)	955.739990



Maximum location: X=19.00, Y=1.00

SAR Peak: 1.11 W/kg

SAR 10g (W/Kg)	0.235591
SAR 1g (W/Kg)	0.565675

Date of measurement: 16/5/2020

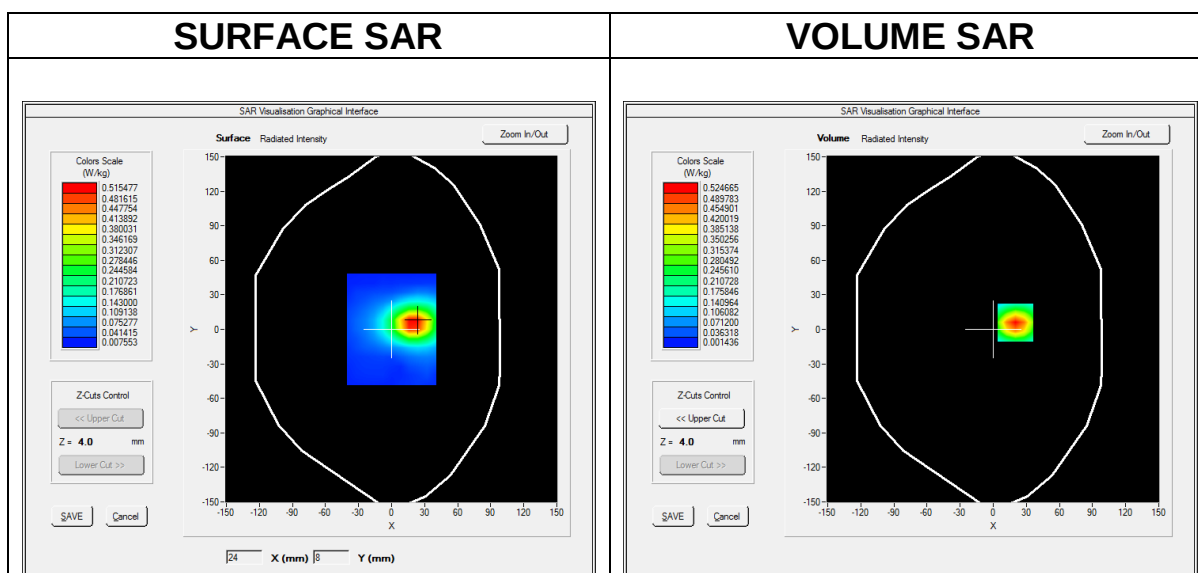
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 21100):

Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.086666
Relative permittivity (imaginary part)	13.418333
Conductivity (S/m)	1.889749
Variation (%)	-8.100000



Maximum location: X=20.00, Y=6.00

SAR Peak: 0.86 W/kg

SAR 10g (W/Kg)	0.234982
SAR 1g (W/Kg)	0.491787

Date of measurement: 11/5/2020

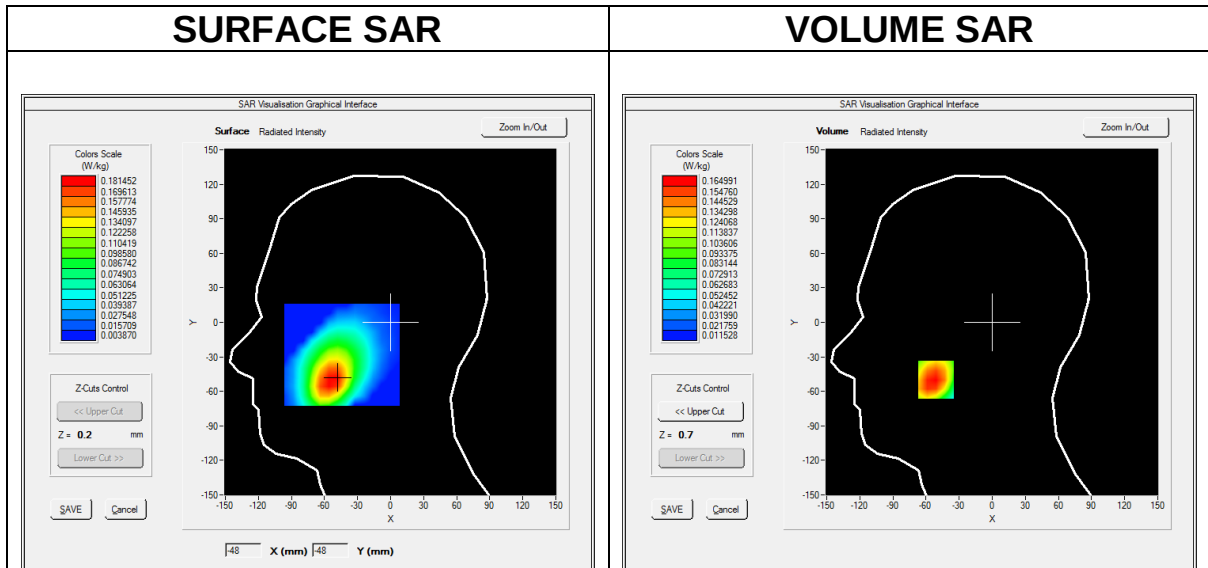
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right 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>

C. SAR Measurement Results

Middle Band SAR (Channel 23095):

Frequency (MHz)	707.500000
Relative permittivity (real part)	42.034801
Relative permittivity (imaginary part)	20.835951
Conductivity (S/m)	0.818969
Variation (%)	-4.870000



Maximum location: X=-51.00, Y=-50.00

SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.105262
SAR 1g (W/Kg)	0.161213

Date of measurement: 11/5/2020

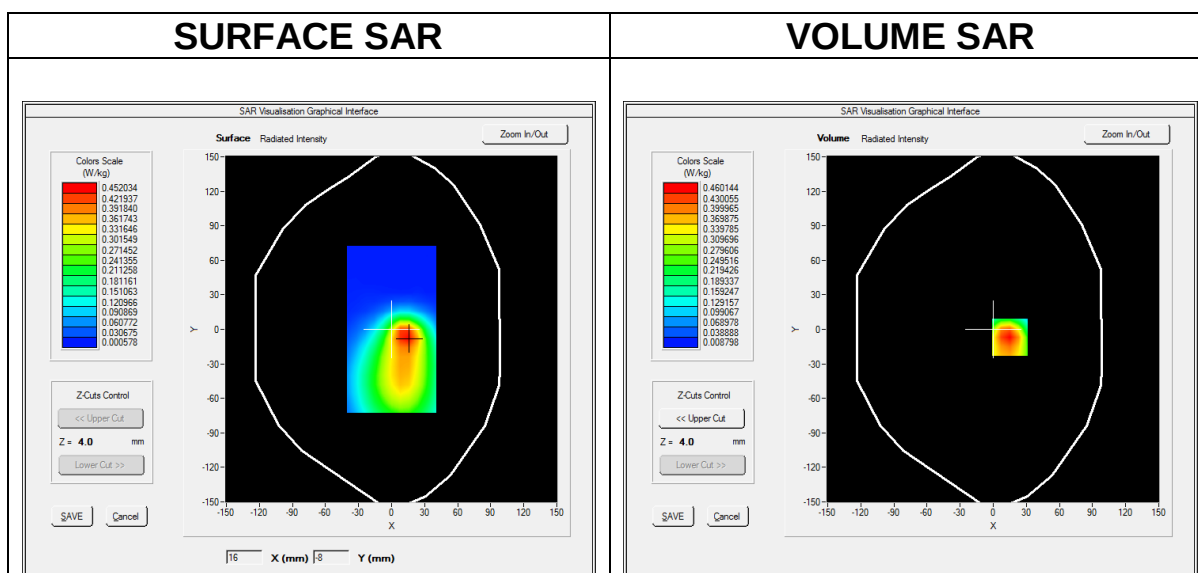
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 23095):

Frequency (MHz)	707.500000
Relative permittivity (real part)	42.034801
Relative permittivity (imaginary part)	20.835951
Conductivity (S/m)	0.818969
Variation (%)	-1.790000



Maximum location: X=15.00, Y=-7.00

SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.264669
SAR 1g (W/Kg)	0.444312

Date of measurement: 11/5/2020

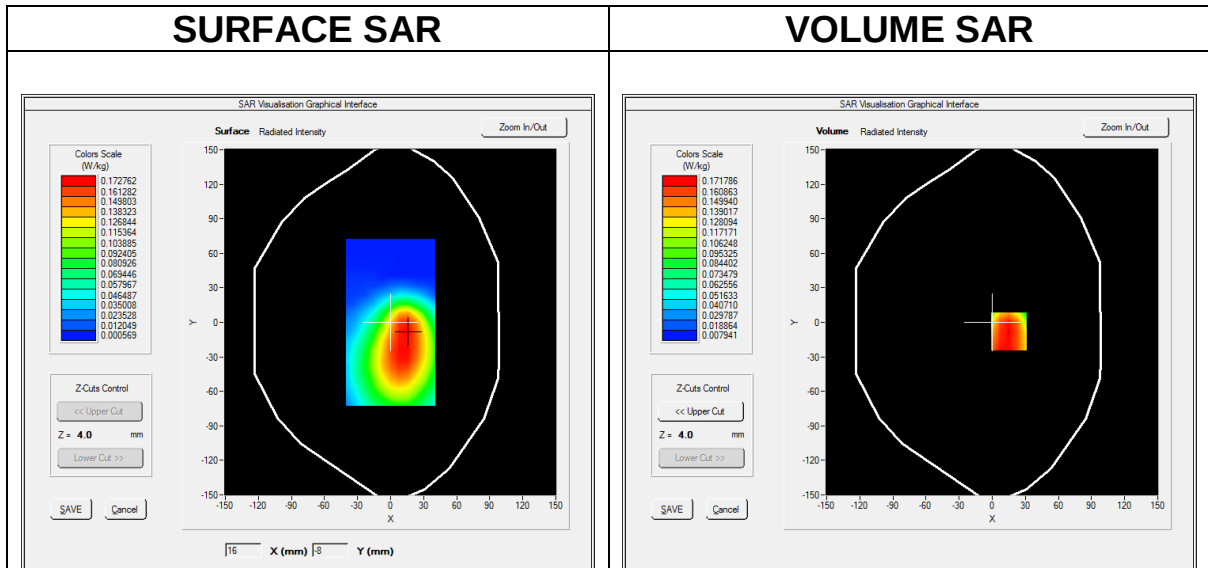
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 23095):

Frequency (MHz)	707.500000
Relative permittivity (real part)	42.034801
Relative permittivity (imaginary part)	20.835951
Conductivity (S/m)	0.818969
Variation (%)	-2.990000



Maximum location: X=15.00, Y=-8.00

SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.116618
SAR 1g (W/Kg)	0.168393

Date of measurement: 11/5/2020

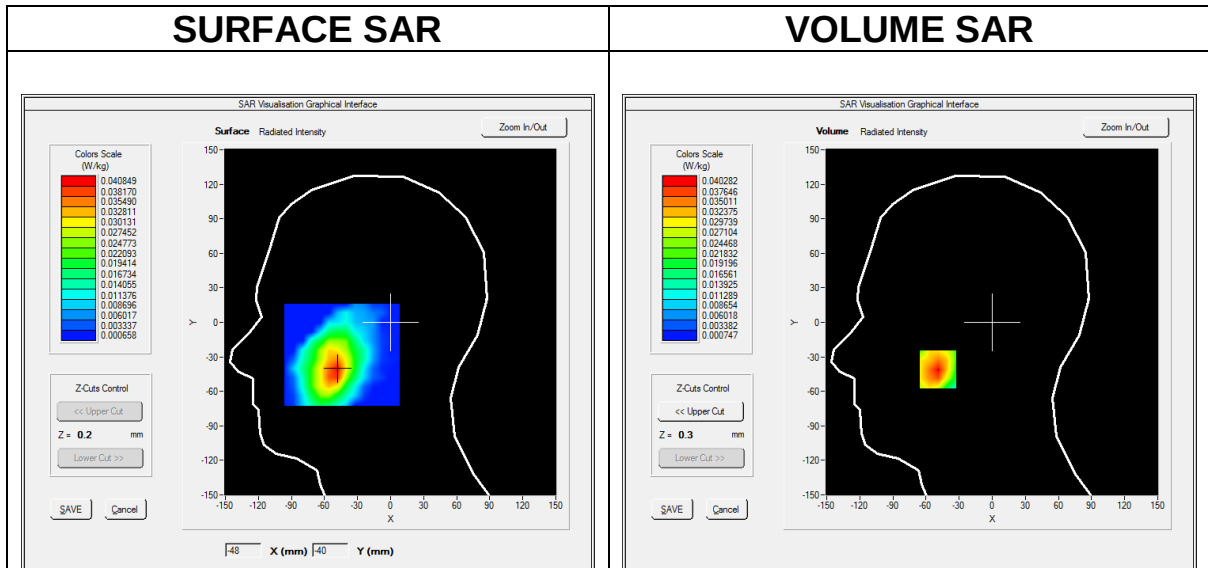
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 13</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 23230):

Frequency (MHz)	781.500000
Relative permittivity (real part)	40.682701
Relative permittivity (imaginary part)	20.716749
Conductivity (S/m)	0.899452
Variation (%)	-32.139999



Maximum location: X=-49.00, Y=-41.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.025169
SAR 1g (W/Kg)	0.040979

Date of measurement: 11/5/2020

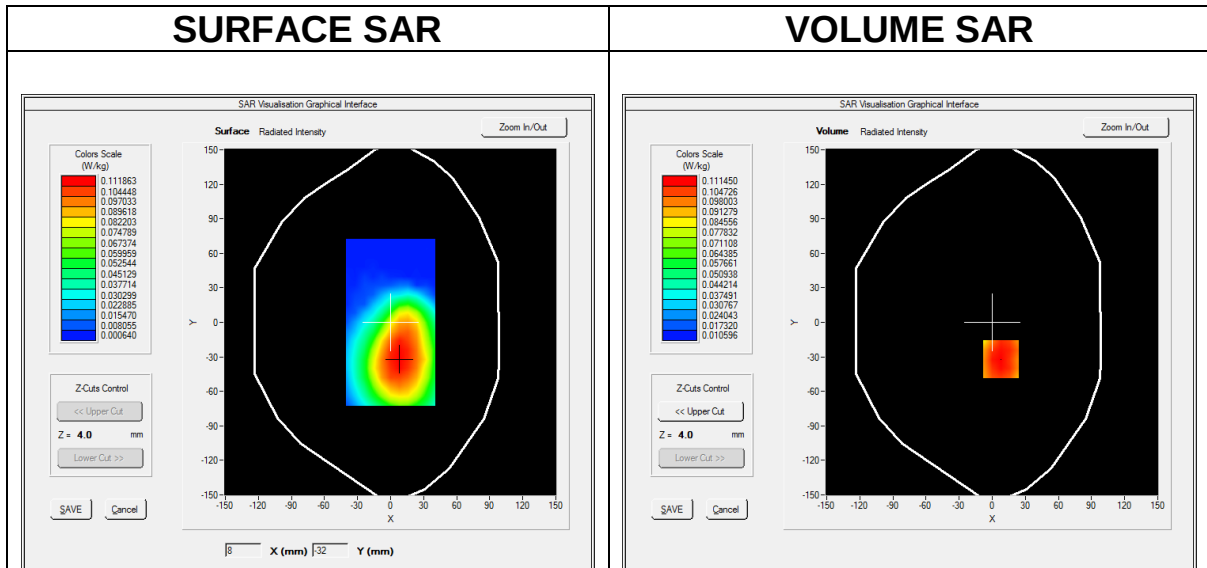
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 13</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 23230):

Frequency (MHz)	781.500000
Relative permittivity (real part)	40.682701
Relative permittivity (imaginary part)	20.716749
Conductivity (S/m)	0.899452
Variation (%)	-3.580000



Maximum location: X=8.00, Y=-32.00

SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.078365
SAR 1g (W/Kg)	0.107913

Date of measurement: 11/5/2020

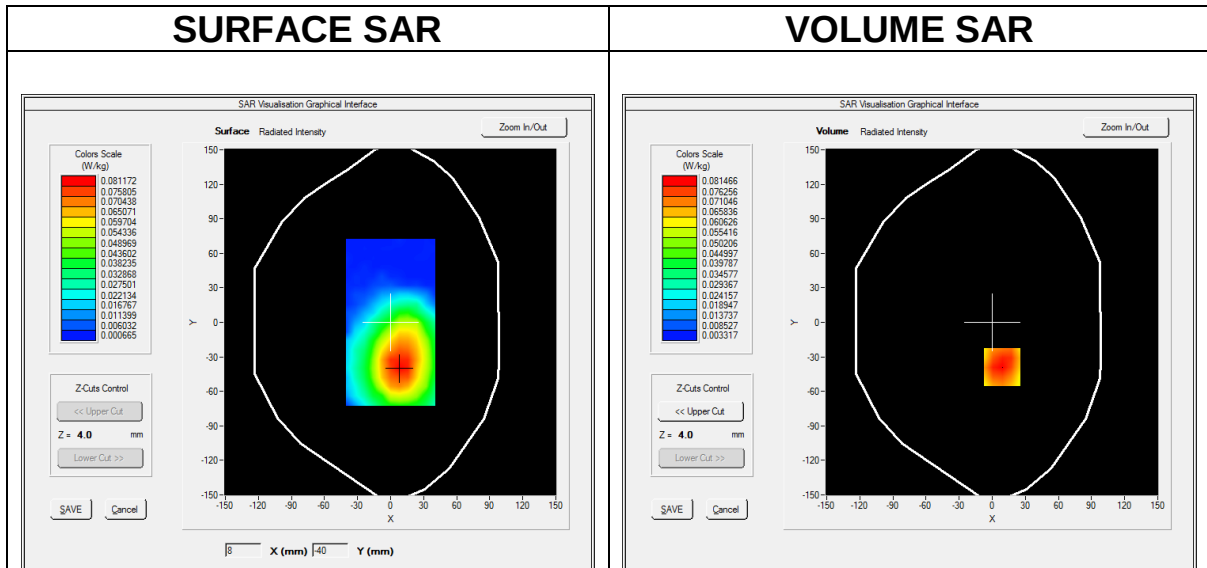
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 13</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.0)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 23230):

Frequency (MHz)	781.500000
Relative permittivity (real part)	40.682701
Relative permittivity (imaginary part)	20.716749
Conductivity (S/m)	0.899452
Variation (%)	-3.450000



Maximum location: X=9.00, Y=-39.00

SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.054119
SAR 1g (W/Kg)	0.080655

Date of measurement: 11/5/2020

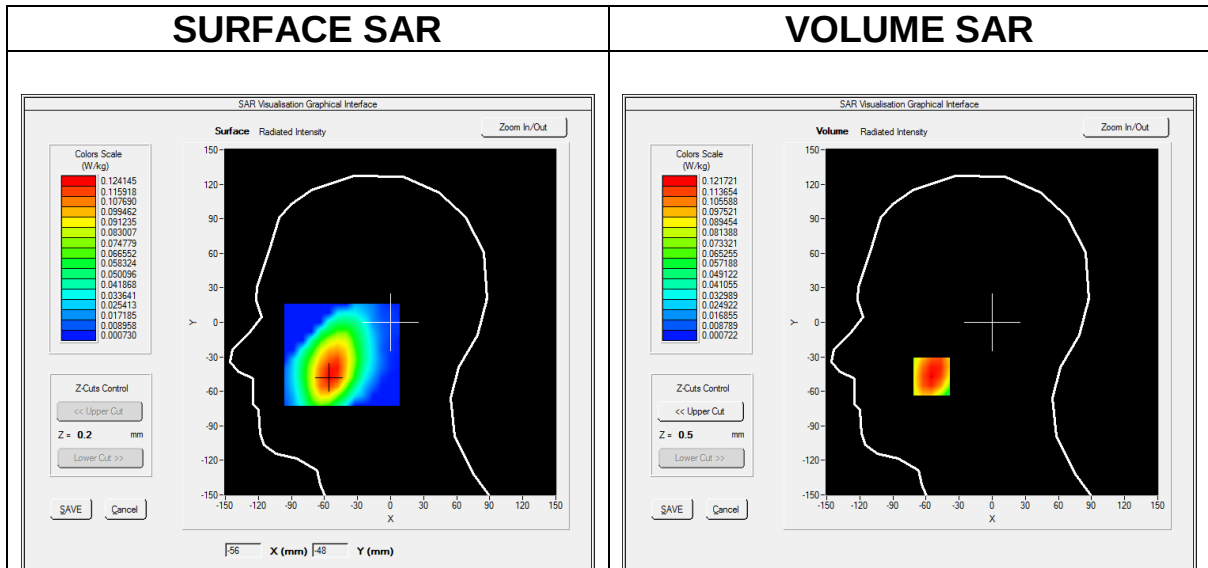
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right 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>

C. SAR Measurement Results

Middle Band SAR (Channel 23790):

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.585098
Relative permittivity (imaginary part)	20.697701
Conductivity (S/m)	0.816409
Variation (%)	-46.750000



Maximum location: X=-55.00, Y=-47.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.079232
SAR 1g (W/Kg)	0.122908

Date of measurement: 11/5/2020

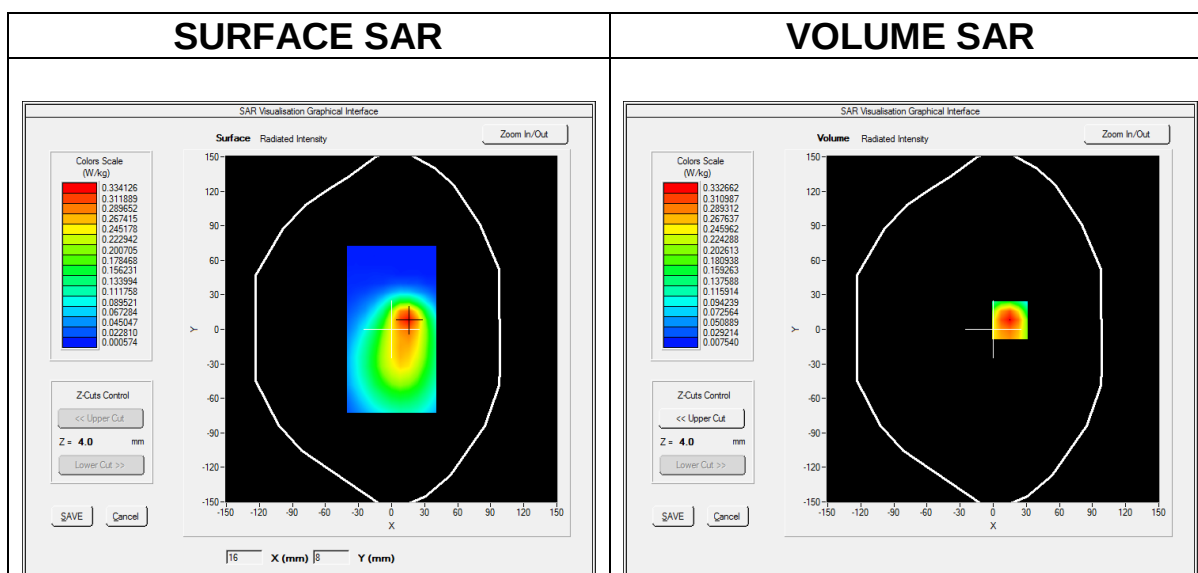
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 23790):

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.585098
Relative permittivity (imaginary part)	20.697701
Conductivity (S/m)	0.816409
Variation (%)	2.280000



Maximum location: X=15.00, Y=8.00

SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.194868
SAR 1g (W/Kg)	0.320576

Date of measurement: 11/5/2020

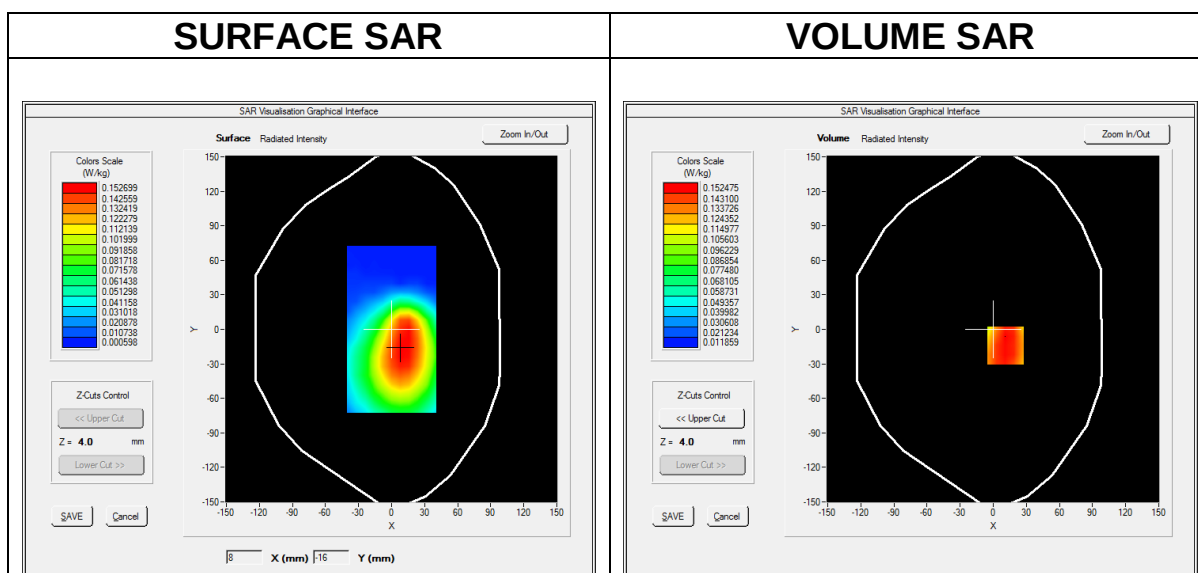
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</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>

C. SAR Measurement Results

Middle Band SAR (Channel 23790):

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.585098
Relative permittivity (imaginary part)	20.697701
Conductivity (S/m)	0.816409
Variation (%)	-8.030000



Maximum location: X=11.00, Y=-14.00

SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.106294
SAR 1g (W/Kg)	0.151280

Date of measurement: 16/5/2020

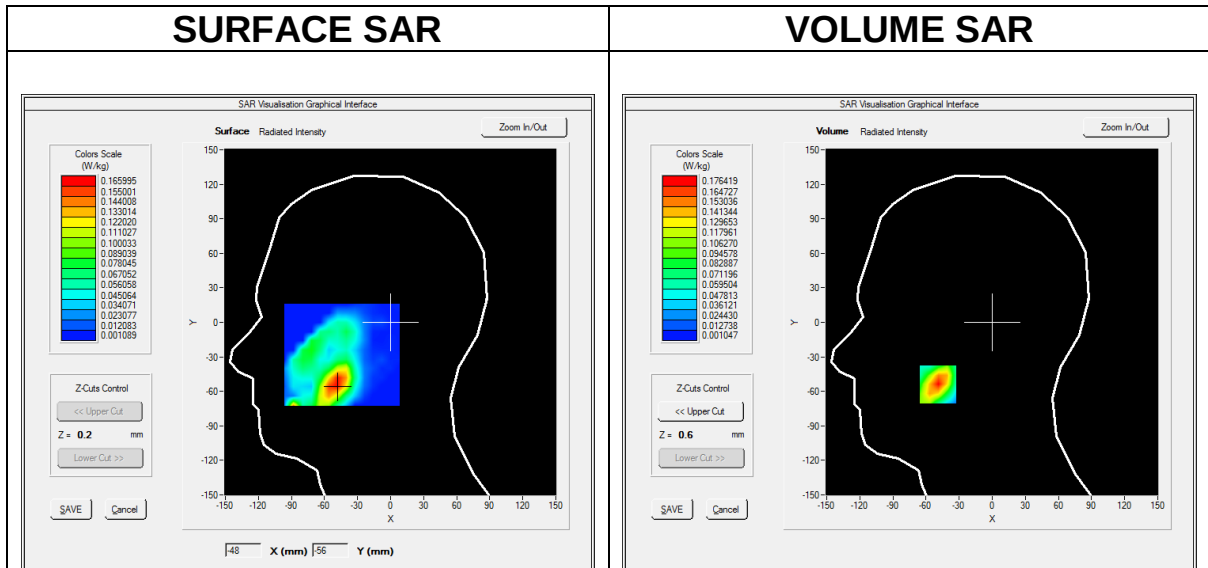
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.58)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 38000):

Frequency (MHz)	2595.000000
Relative permittivity (real part)	39.006668
Relative permittivity (imaginary part)	13.558333
Conductivity (S/m)	1.954660
Variation (%)	-20.600000



Maximum location: X=-49.00, Y=-54.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.076646
SAR 1g (W/Kg)	0.166095

Date of measurement: 16/5/2020

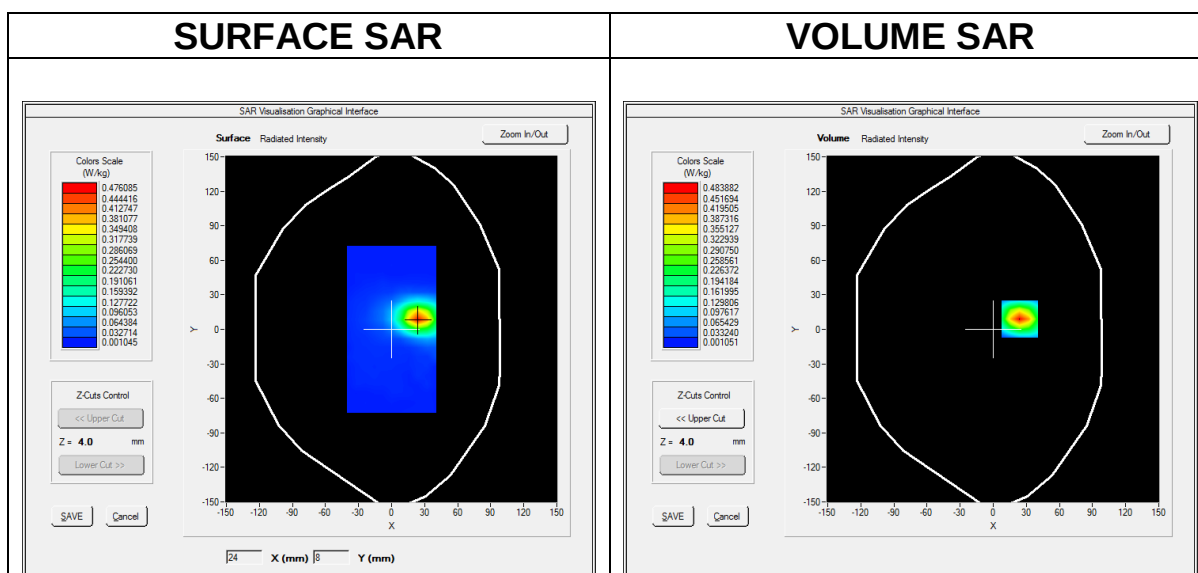
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.58)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 38000):

Frequency (MHz)	2595.000000
Relative permittivity (real part)	39.006668
Relative permittivity (imaginary part)	13.558333
Conductivity (S/m)	1.954660
Variation (%)	-1.290000



Maximum location: X=24.00, Y=9.00

SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.187749
SAR 1g (W/Kg)	0.435672

Date of measurement: 16/5/2020

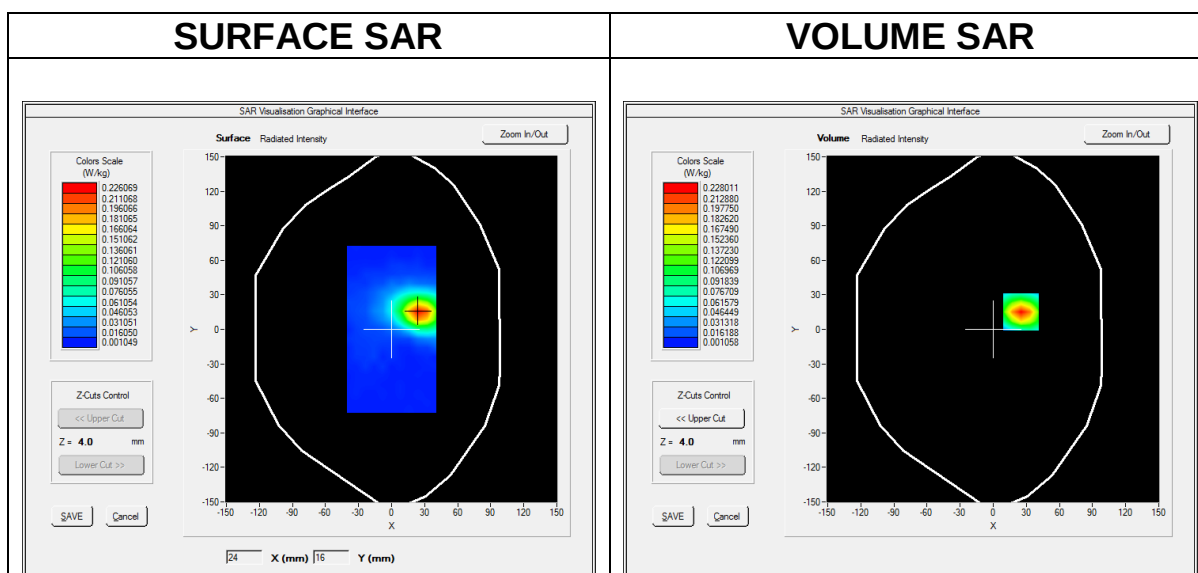
A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 38</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.58)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 38000):

Frequency (MHz)	2595.000000
Relative permittivity (real part)	39.006668
Relative permittivity (imaginary part)	13.558333
Conductivity (S/m)	1.954660
Variation (%)	-18.340000



Maximum location: X=25.00, Y=15.00

SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.095200
SAR 1g (W/Kg)	0.213411

Date of measurement: 16/5/2020

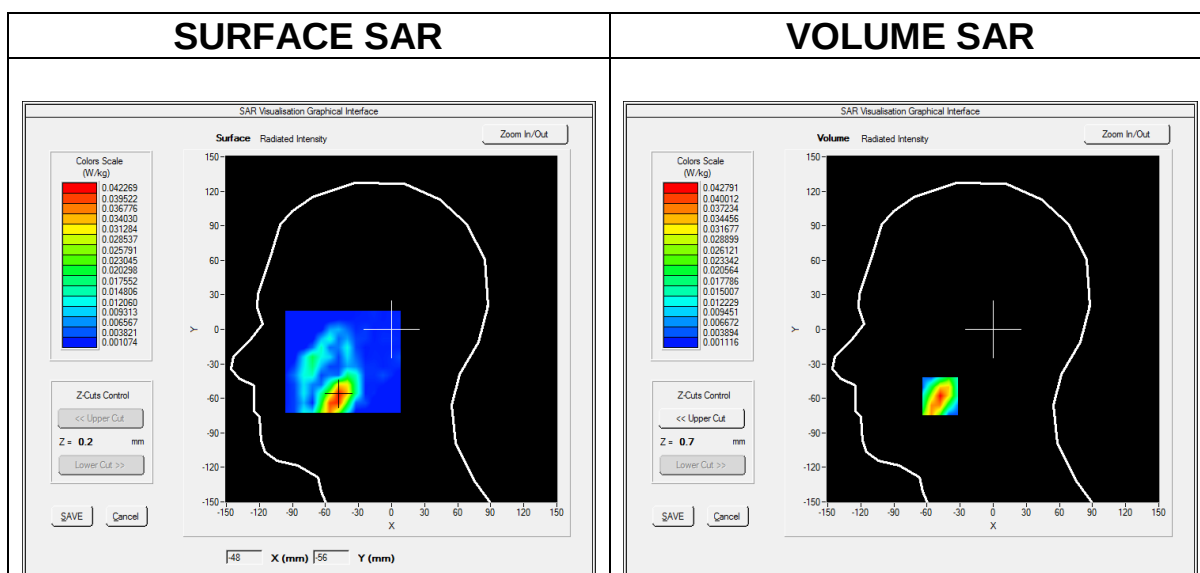
A. Experimental conditions.

<u>Area Scan</u>	<u>sam direct droit2 surf8mm.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/nsam direct droit2 surf</u> <u>8mm.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.58)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 40620):

Frequency (MHz)	2593.000000
Relative permittivity (real part)	39.009335
Relative permittivity (imaginary part)	13.553667
Conductivity (S/m)	1.952481
Variation (%)	-48.950001



Maximum location: X=-48.00, Y=-58.00

SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.016342
SAR 1g (W/Kg)	0.038139

Date of measurement: 16/5/2020

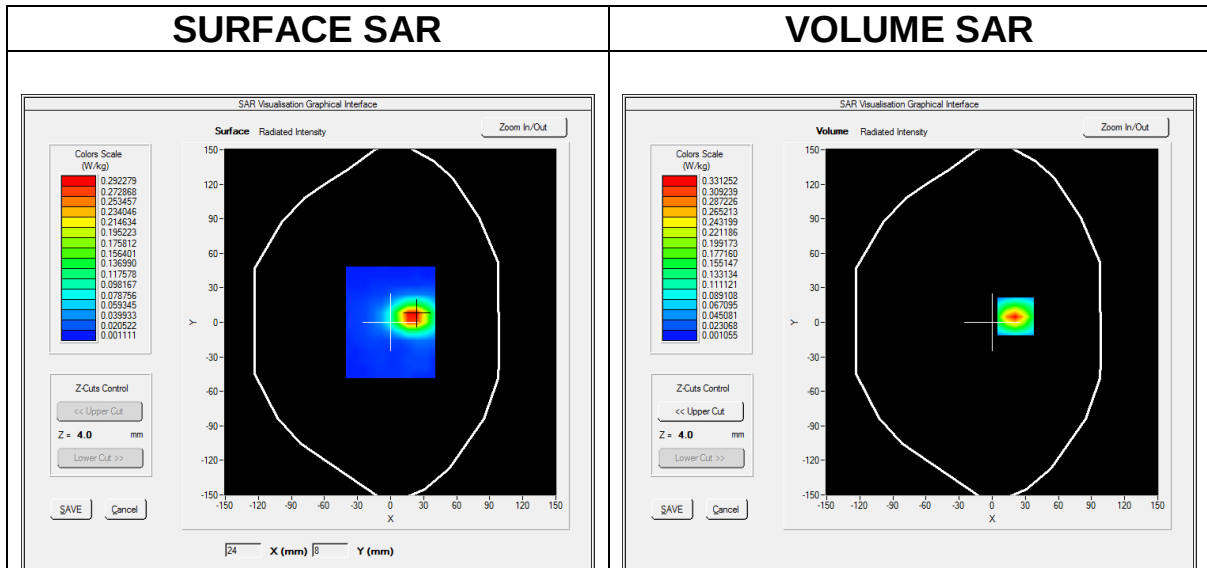
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.58)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 40620):

Frequency (MHz)	2593.000000
Relative permittivity (real part)	39.009335
Relative permittivity (imaginary part)	13.553667
Conductivity (S/m)	1.952481
Variation (%)	-6.520000



Maximum location: X=21.00, Y=5.00

SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)	0.128702
SAR 1g (W/Kg)	0.296663

Date of measurement: 16/5/2020

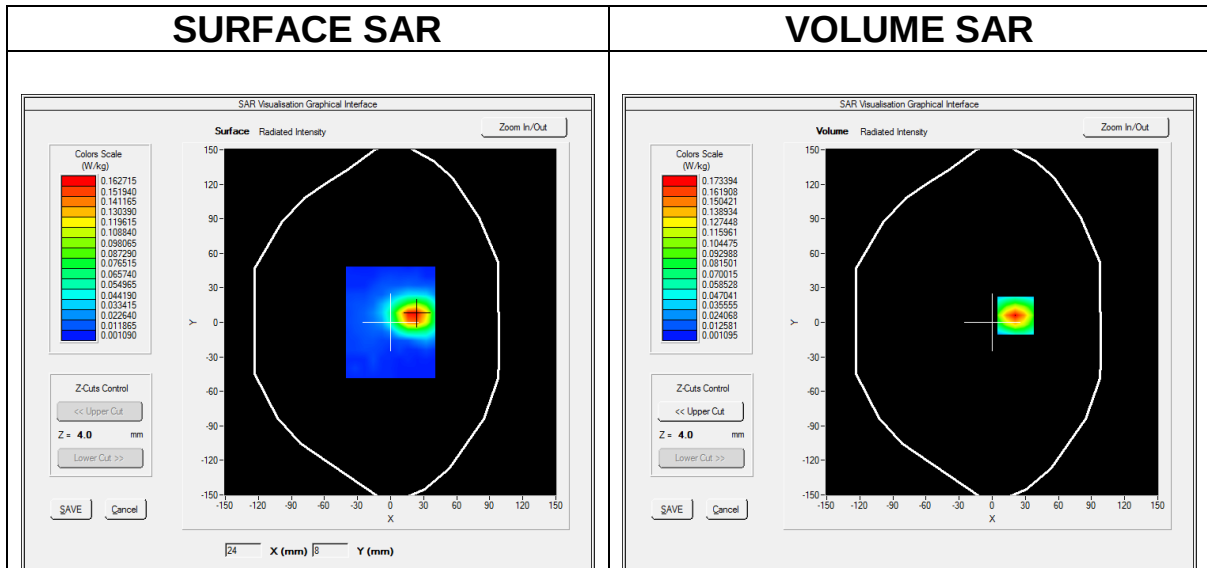
A. Experimental conditions.

<u>Area Scan</u>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>LTE band 41</u>
<u>Channels</u>	<u>Middle</u>
<u>Signal</u>	<u>LTE (Crest factor: 1.58)</u>

C. SAR Measurement Results

Middle Band SAR (Channel 40620):

Frequency (MHz)	2593.000000
Relative permittivity (real part)	39.009335
Relative permittivity (imaginary part)	13.553667
Conductivity (S/m)	1.952481
Variation (%)	-11.280000



Maximum location: X=21.00, Y=6.00

SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)	0.072939
SAR 1g (W/Kg)	0.162131

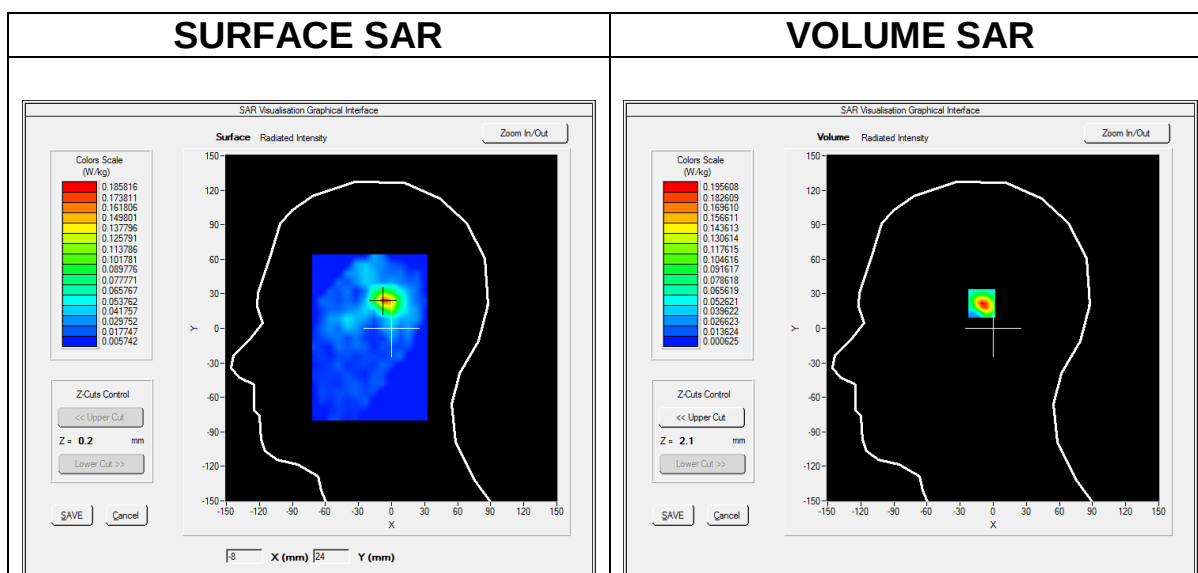
Date of measurement: 17/5/2020

A. Experimental conditions.

<u>Area Scan</u>	<u>zinf5.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/nzinf5.txt, h= 5.00 mm</u>
<u>Phantom</u>	<u>Right head</u>
<u>Device Position</u>	<u>Cheek</u>
<u>Band</u>	<u>CUSTOM (5.2G)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WIFI (Crest factor: 1.0)</u>

C. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative permittivity (real part)	36.020000
Relative permittivity (imaginary part)	16.118999
Conductivity (S/m)	4.638690
Variation (%)	-2.370000



Maximum location: X=-7.00, Y=24.00

SAR Peak: 0.50 W/kg

SAR 10g (W/Kg)	0.061191
SAR 1g (W/Kg)	0.180386

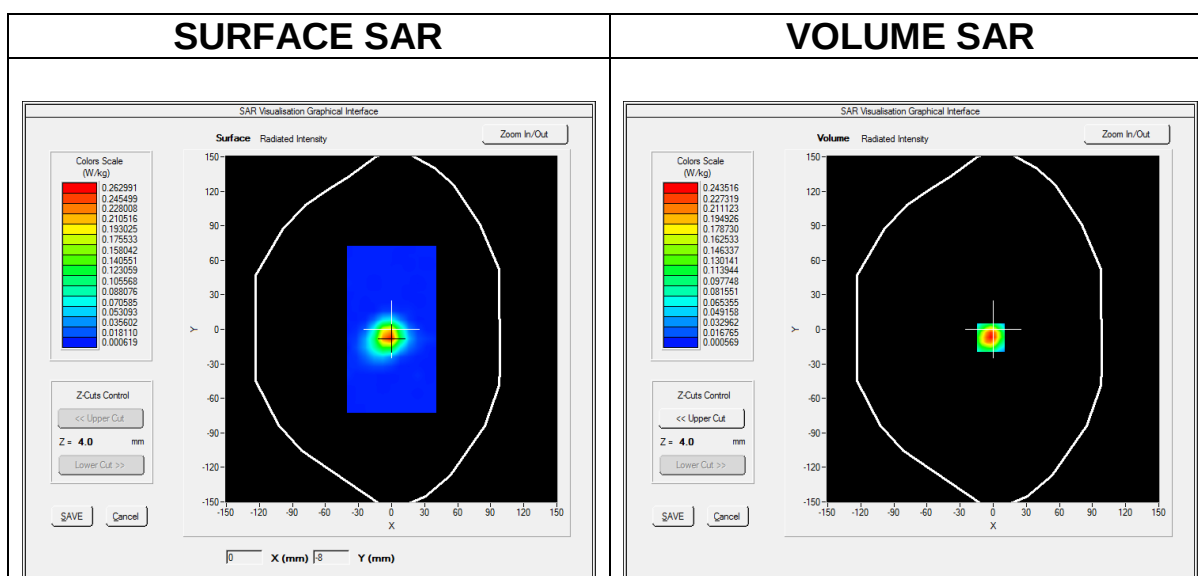
Date of measurement: 17/5/2020

A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (5.2G)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WIFI (Crest factor: 1.0)</u>

C. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative permittivity (real part)	36.020000
Relative permittivity (imaginary part)	16.118999
Conductivity (S/m)	4.638690
Variation (%)	-11.310000



Maximum location: X=-2.00, Y=-7.00

SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.078696
SAR 1g (W/Kg)	0.236211

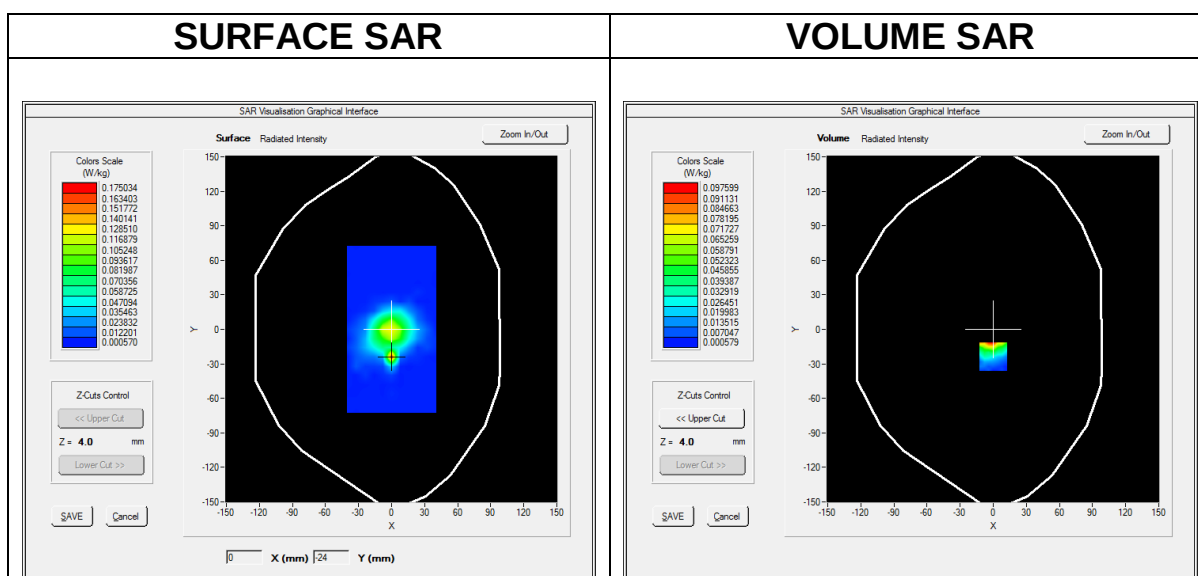
Date of measurement: 17/5/2020

A. Experimental conditions.

<u>Area Scan</u>	<u>surf_sam_plan.txt, h= 5.00 mm</u>
<u>ZoomScan</u>	<u>7x7x12,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/nsurf_sam_plan.txt, h=</u> <u>5.00 mm</u>
<u>Phantom</u>	<u>Validation plane</u>
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>CUSTOM (5.2G)</u>
<u>Channels</u>	<u>Low</u>
<u>Signal</u>	<u>WIFI (Crest factor: 1.0)</u>

C. SAR Measurement Results

Frequency (MHz)	5180.000000
Relative permittivity (real part)	36.020000
Relative permittivity (imaginary part)	16.118999
Conductivity (S/m)	4.638690
Variation (%)	-5.300000



Maximum location: X=0.00, Y=-24.00

SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.018662
SAR 1g (W/Kg)	0.067799