MEASUREMENT 1

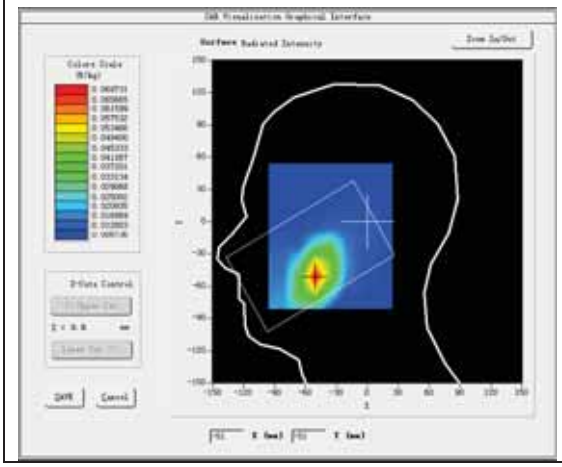
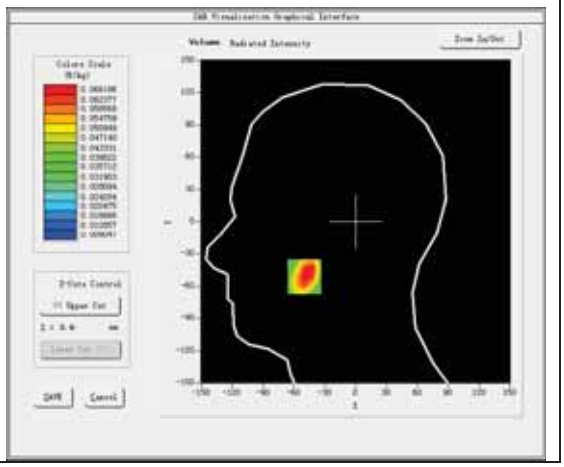
Date of measurement: 8/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band2_WCDMA1900
Channels	Middle
Signal	WCDMA (Crest factor: 1.0)
ConvF	1.91

B. SAR Measurement Results

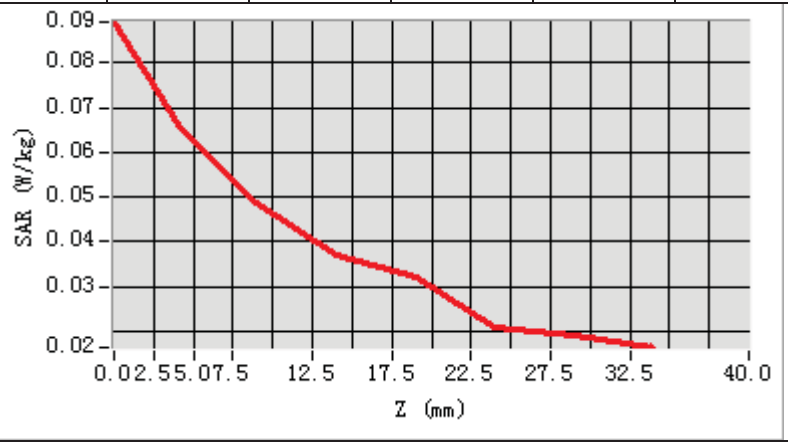
Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.434464
Relative permittivity (imaginary part)	13.801094
Conductivity (S/m)	1.441448
Variation (%)	-1.160000

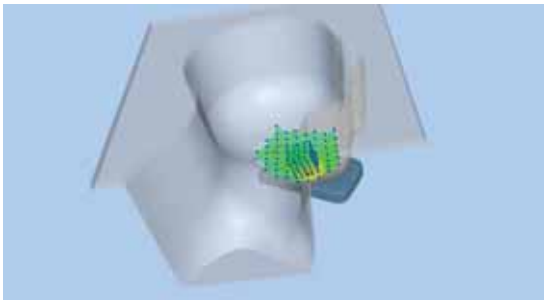
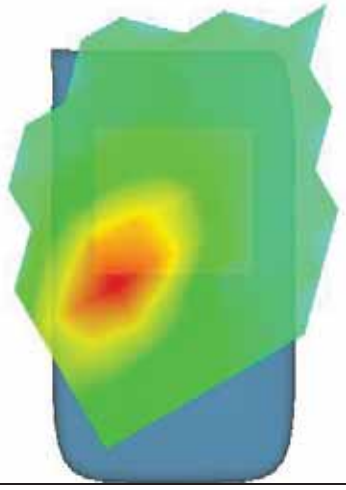
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-50.00, Y=-51.00
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.043165
SAR 1g (W/Kg)	0.066570

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0892	0.0662	0.0486	0.0369	0.0321	0.0207	0.0190



3D screen shot	Hot spot position
	

MEASUREMENT 2

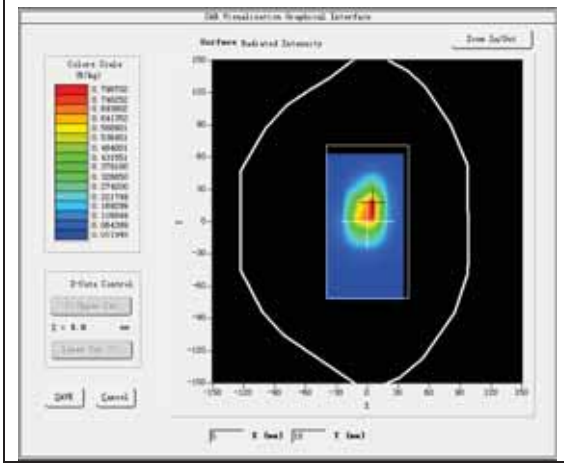
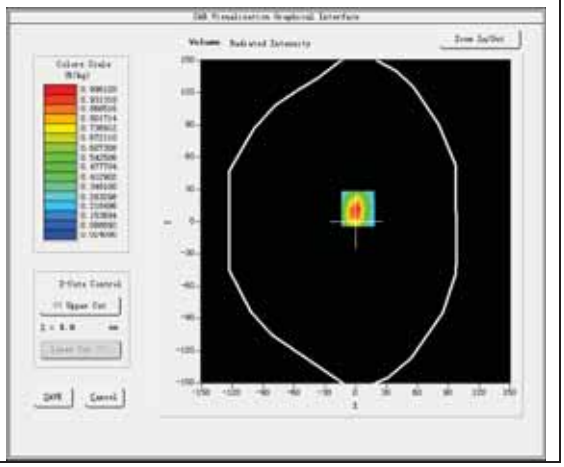
Date of measurement: 8/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	Band2_WCDMA1900
Channels	Low
Signal	WCDMA (Crest factor: 1.0)
ConvF	1.91

B. SAR Measurement Results

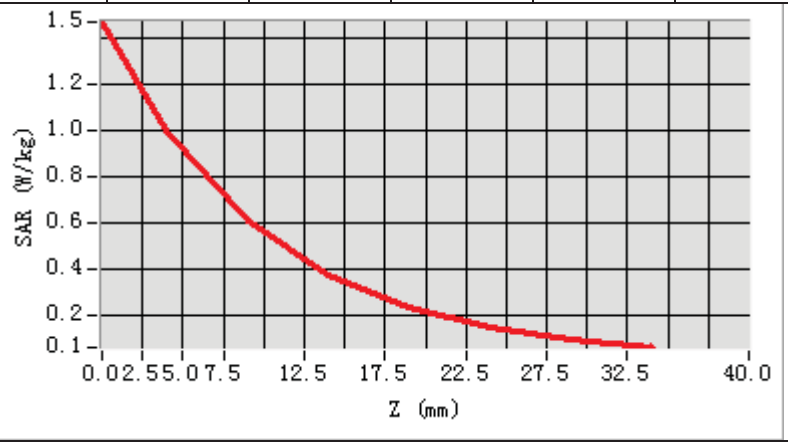
Frequency (MHz)	1852.400000
Relative permittivity (real part)	38.562344
Relative permittivity (imaginary part)	13.826774
Conductivity (S/m)	1.422929
Variation (%)	-1.520000

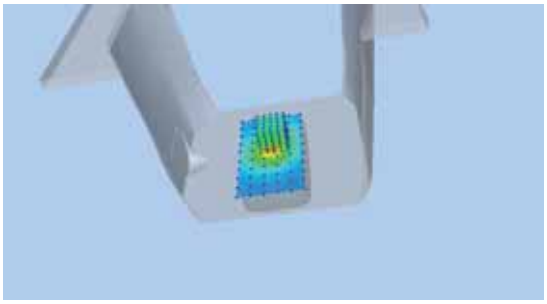
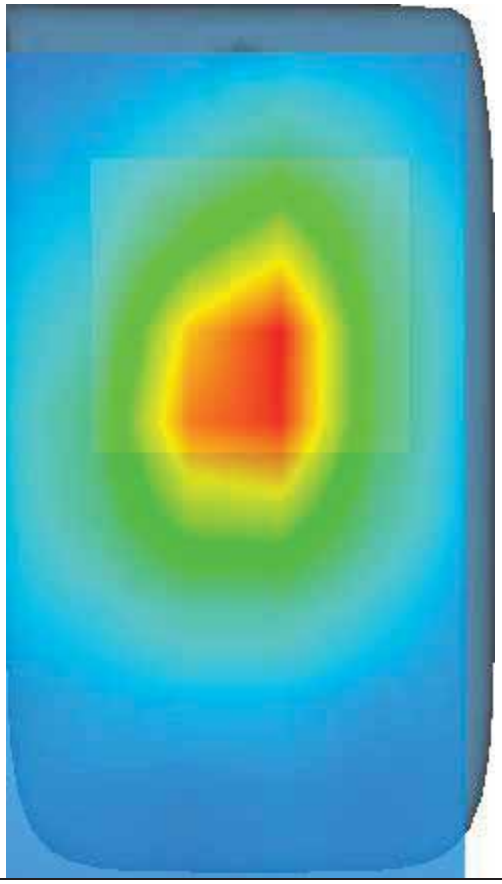
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=12.00
SAR Peak: 1.51 W/kg

SAR 10g (W/Kg)	0.503064
SAR 1g (W/Kg)	0.959075

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.4662	0.9961	0.6056	0.3714	0.2299	0.1441	0.0919



3D screen shot	Hot spot position
	

MEASUREMENT 3

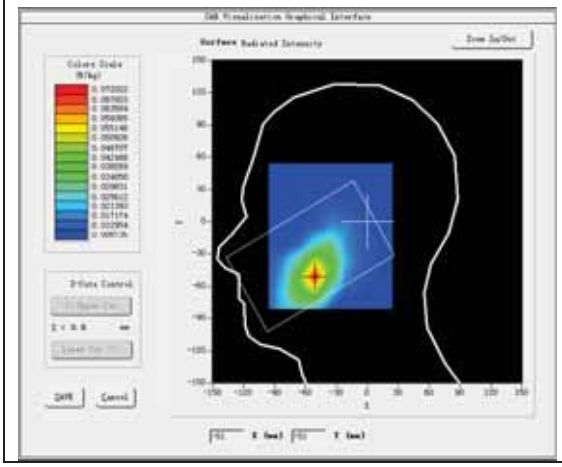
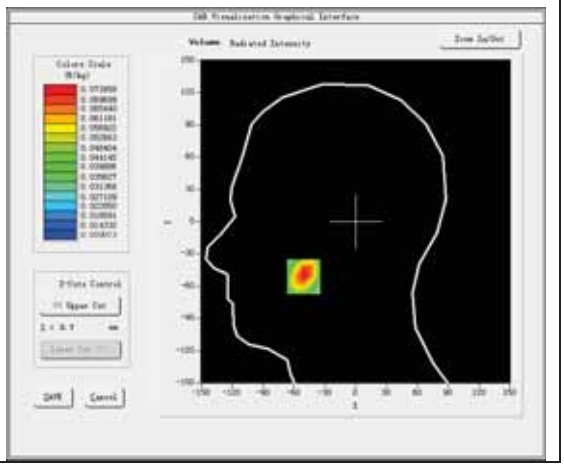
Date of measurement: 14/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band4_WCDMA1700
Channels	Middle
Signal	WCDMA (Crest factor: 1.0)
ConvF	1.73

B. SAR Measurement Results

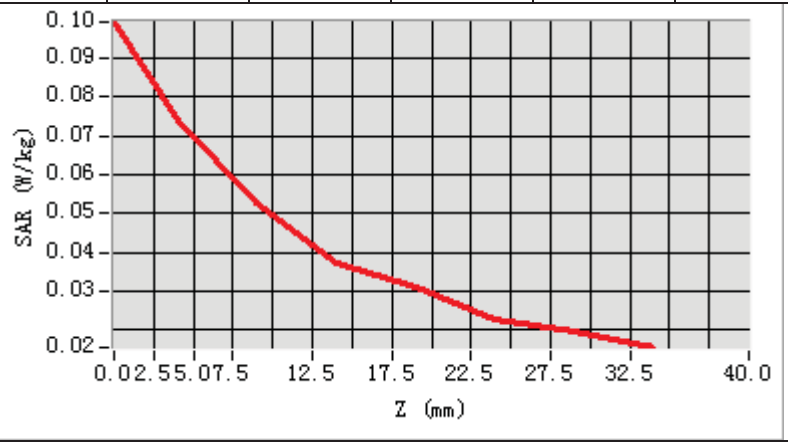
Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.136761
Relative permittivity (imaginary part)	13.799881
Conductivity (S/m)	1.327855
Variation (%)	0.020000

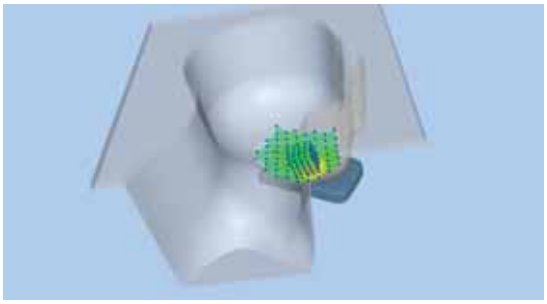
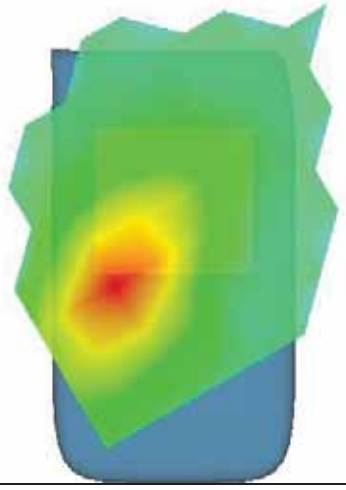
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-51.00, Y=-51.00
SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.045464
SAR 1g (W/Kg)	0.071200

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0994	0.0740	0.0527	0.0372	0.0309	0.0224	0.0196



3D screen shot	Hot spot position
	

MEASUREMENT 4

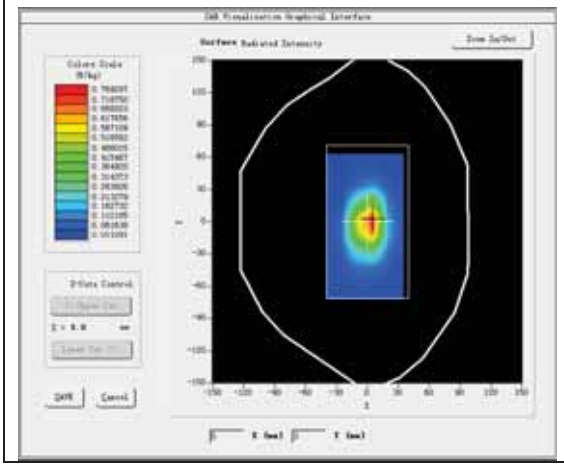
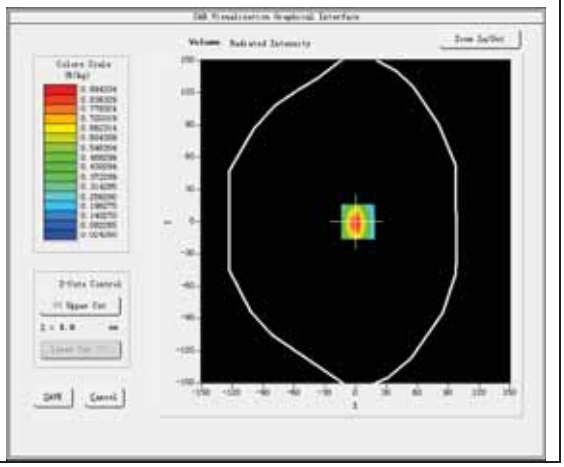
Date of measurement: 14/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	Band4_WCDMA1700
Channels	Low
Signal	WCDMA (Crest factor: 1.0)
ConvF	1.73

B. SAR Measurement Results

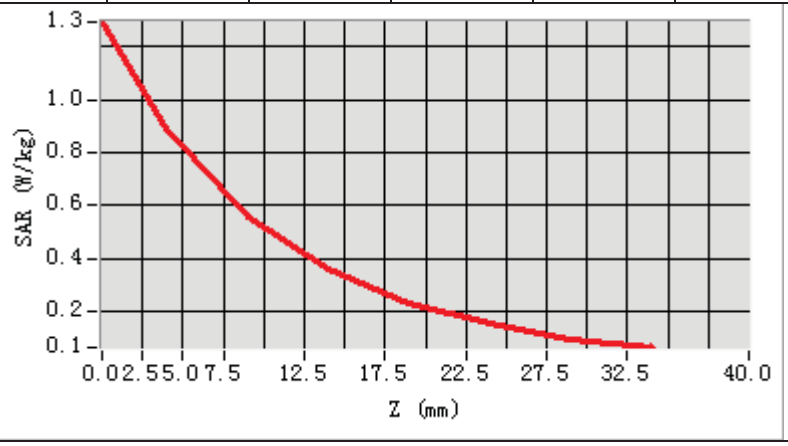
Frequency (MHz)	1712.600000
Relative permittivity (real part)	39.302464
Relative permittivity (imaginary part)	13.746481
Conductivity (S/m)	1.307443
Variation (%)	-0.540000

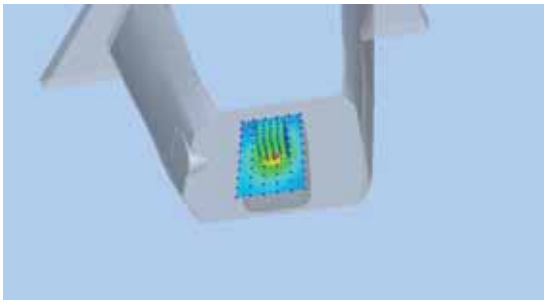
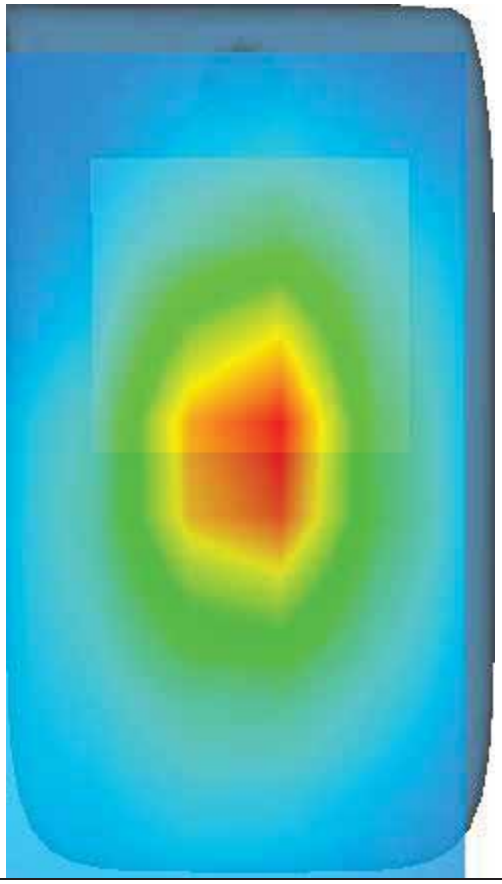
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=0.00
SAR Peak: 1.33 W/kg

SAR 10g (W/Kg)	0.464243
SAR 1g (W/Kg)	0.848055

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2938	0.8943	0.5611	0.3613	0.2309	0.1543	0.0982



3D screen shot	Hot spot position
	

MEASUREMENT 5

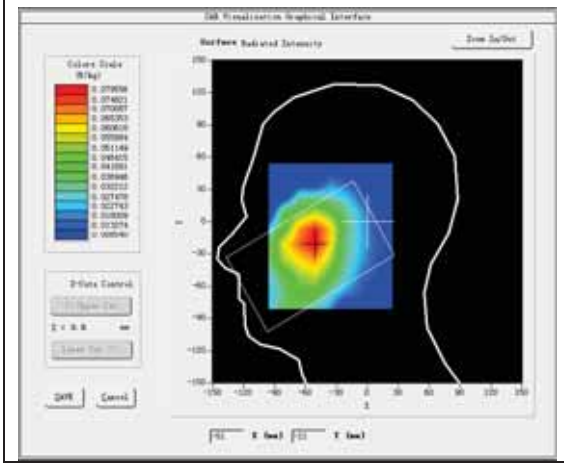
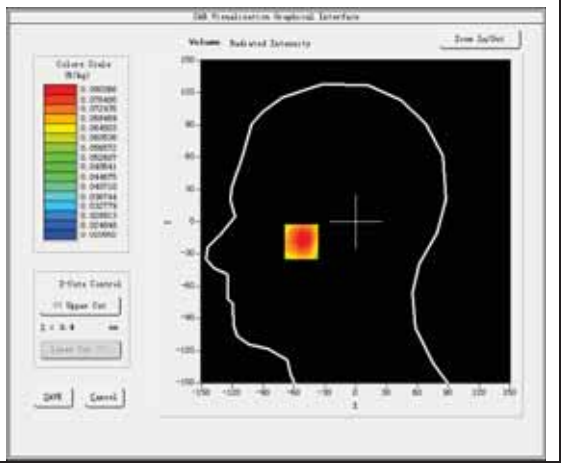
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	Band5_WCDMA850
Channels	Middle
Signal	WCDMA (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

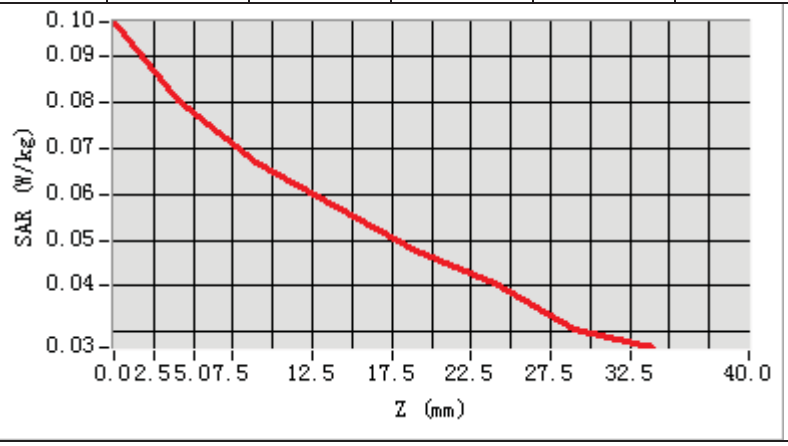
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.288811
Relative permittivity (imaginary part)	19.947828
Conductivity (S/m)	0.926909
Variation (%)	0.750000

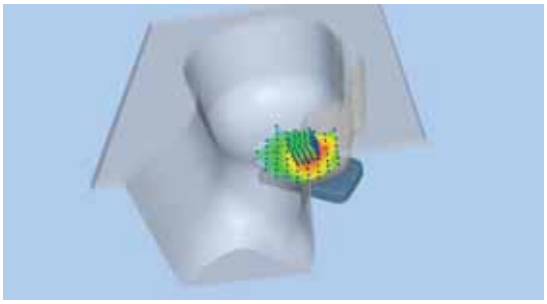
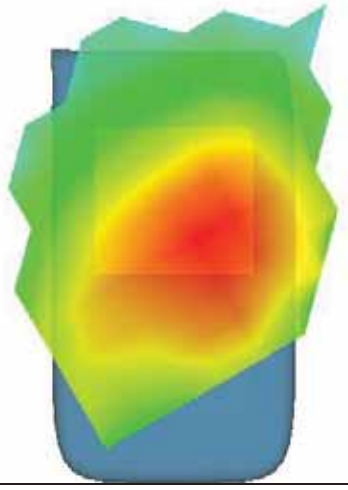
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-53.00, Y=-18.00
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.062820
SAR 1g (W/Kg)	0.081911

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0976	0.0804	0.0669	0.0573	0.0477	0.0404	0.0306



3D screen shot	Hot spot position
	

MEASUREMENT 6

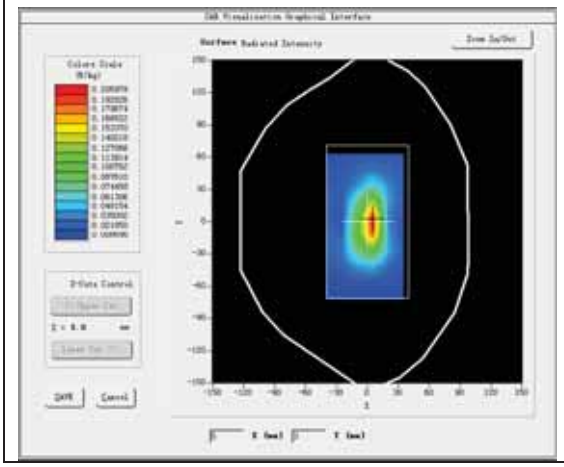
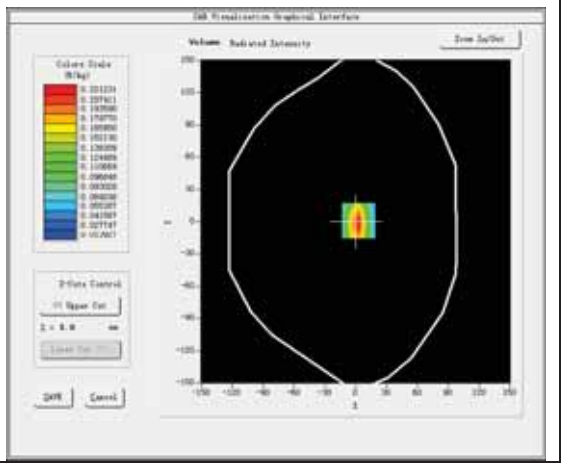
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	Band5_WCDMA850
Channels	Middle
Signal	WCDMA (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

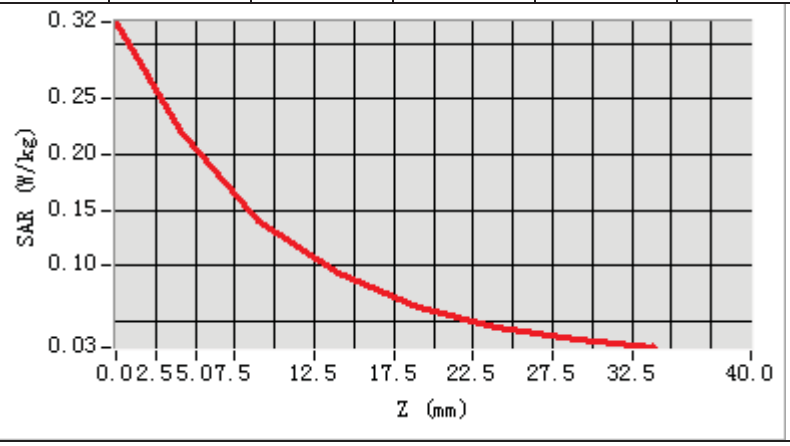
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.288811
Relative permittivity (imaginary part)	19.947828
Conductivity (S/m)	0.926909
Variation (%)	-0.280000

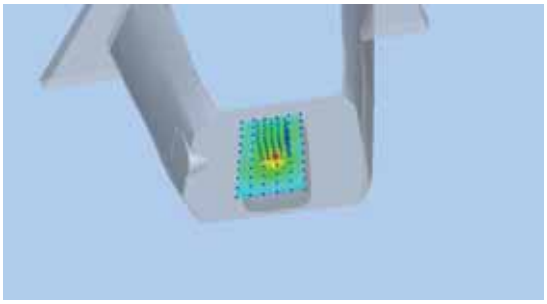
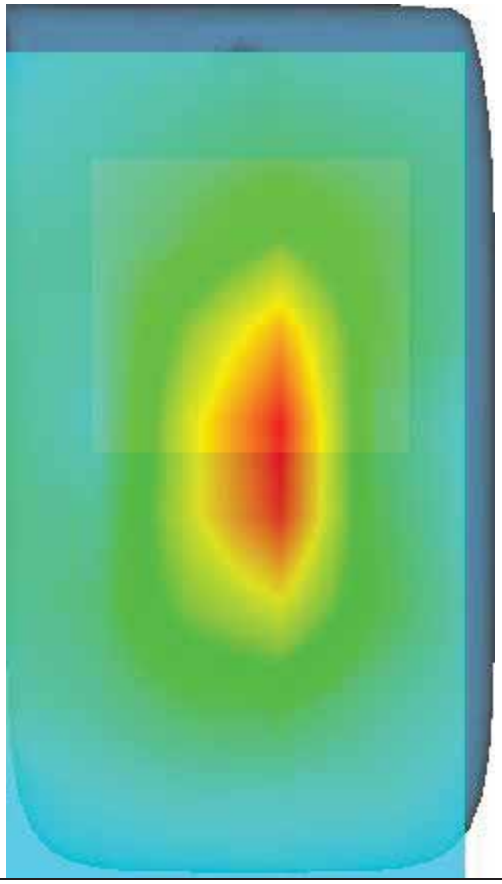
SURFACE SAR	VOLUME SAR
	

Maximum location: X=3.00, Y=1.00
SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.119584
SAR 1g (W/Kg)	0.211894

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3193	0.2212	0.1403	0.0930	0.0622	0.0452	0.0327



3D screen shot	Hot spot position
	

MEASUREMENT 7

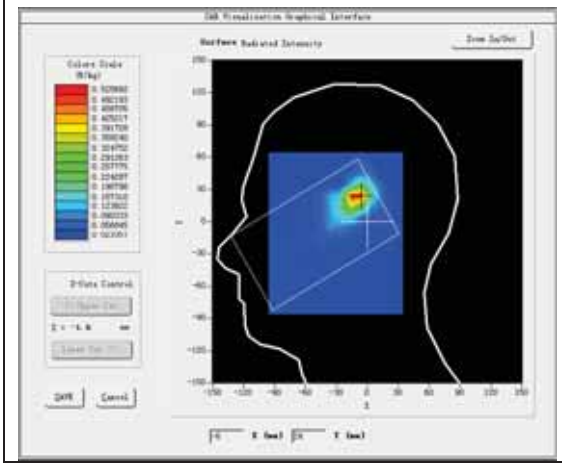
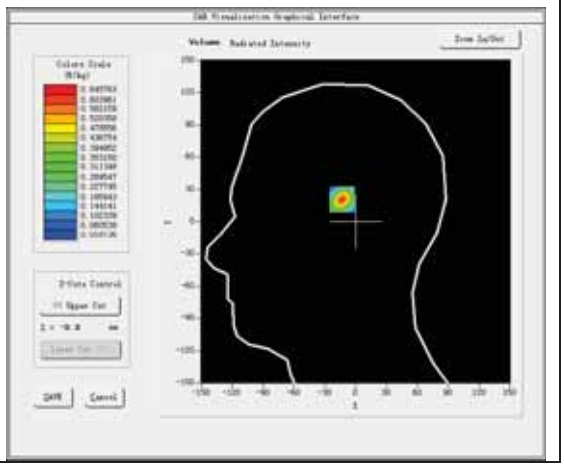
Date of measurement: 8/11/2022

A. Experimental conditions.

Area Scan	dx=10mm dy=10mm, h= 2.00 mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	IEEE 802.11ax U-NII
Channels	Middle
Signal	IEEE802.11ax (Crest factor: 1.0)
ConvF	1.80

B. SAR Measurement Results

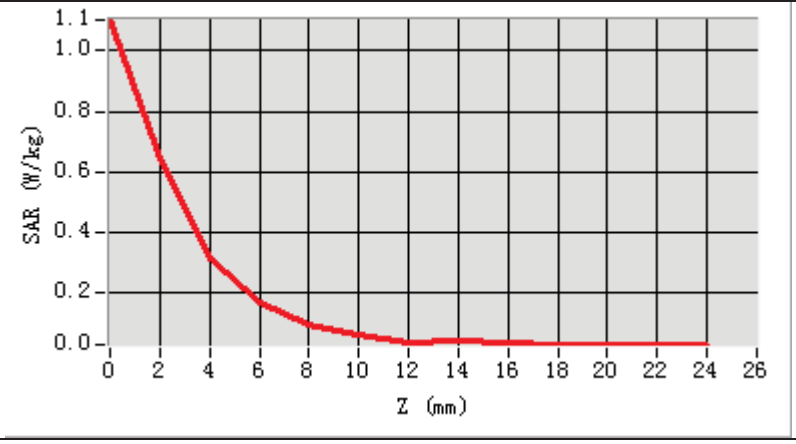
Frequency (MHz)	5210.000000
Relative permittivity (real part)	35.045477
Relative permittivity (imaginary part)	15.709539
Conductivity (S/m)	4.547039
Variation (%)	-4.810000

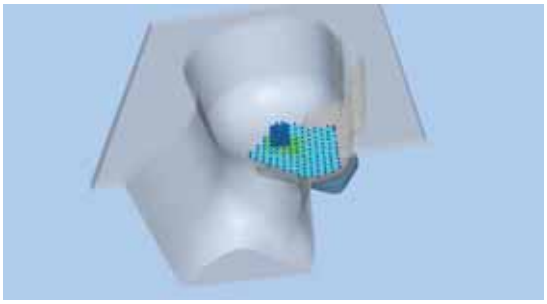
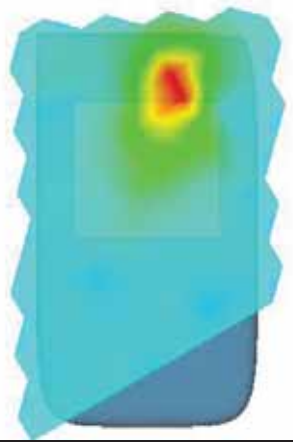
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-11.00, Y=23.00
SAR Peak: 1.74 W/kg

SAR 10g (W/Kg)	0.203825
SAR 1g (W/Kg)	0.607310

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.1020	0.6458	0.3151	0.1712	0.0949	0.0665	0.0408	0.0460	0.0375	0.0312	0.0334	0.0330



3D screen shot	Hot spot position
	

MEASUREMENT 8

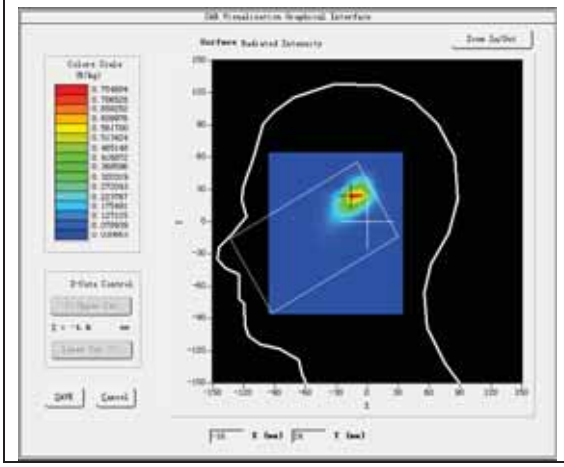
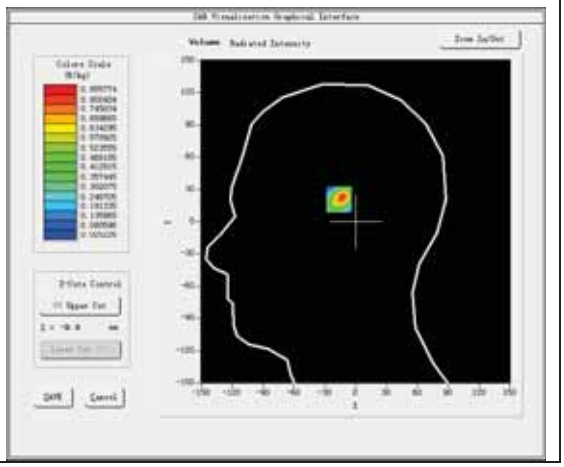
Date of measurement: 8/11/2022

A. Experimental conditions.

Area Scan	dx=10mm dy=10mm, h= 2.00 mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	IEEE 802.11a U-NII
Channels	Middle
Signal	IEEE802.11a (Crest factor: 1.0)
ConvF	1.80

B. SAR Measurement Results

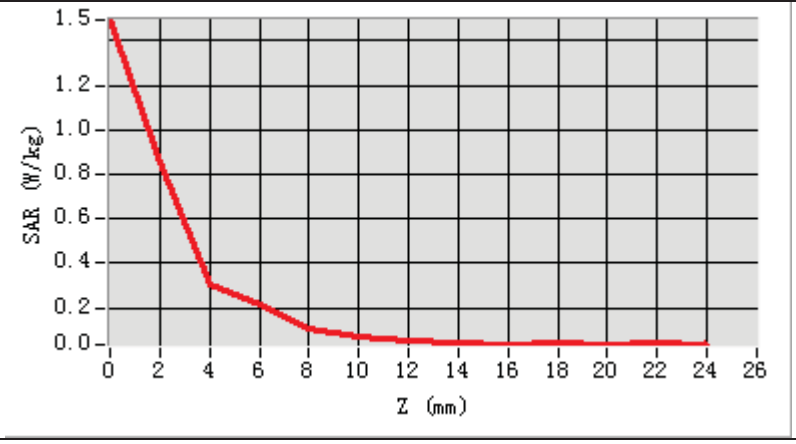
Frequency (MHz)	5300.000000
Relative permittivity (real part)	34.792041
Relative permittivity (imaginary part)	15.800062
Conductivity (S/m)	4.652240
Variation (%)	-1.690000

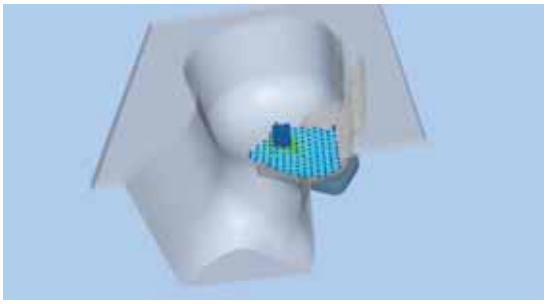
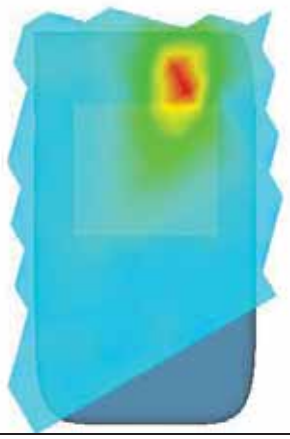
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-14.00, Y=23.00
SAR Peak: 2.36 W/kg

SAR 10g (W/Kg)	0.268254
SAR 1g (W/Kg)	0.735302

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.4927	0.8558	0.3056	0.2106	0.1083	0.0695	0.0493	0.0410	0.0355	0.0401	0.0347	0.0409



3D screen shot	Hot spot position
	

MEASUREMENT 9

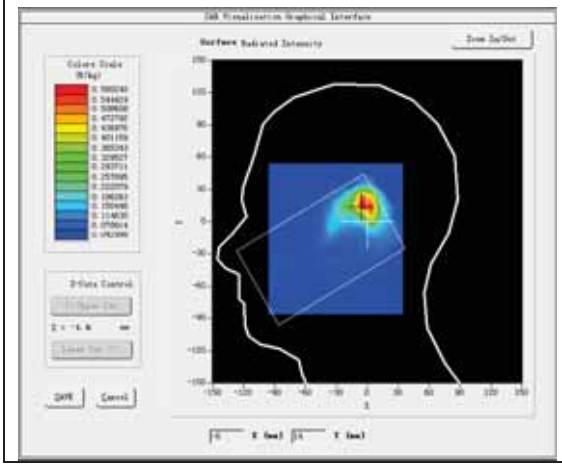
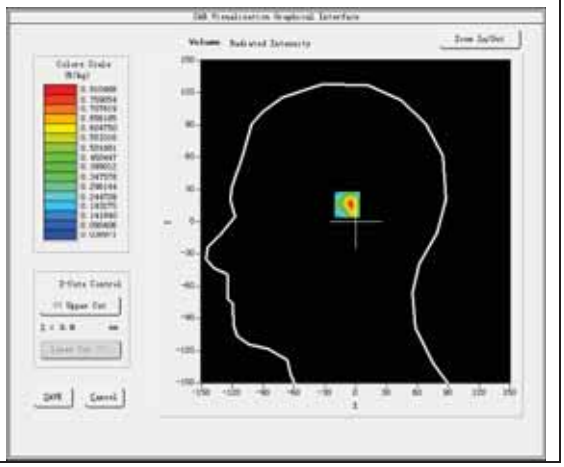
Date of measurement: 15/11/2022

A. Experimental conditions.

Area Scan	dx=10mm dy=10mm, h= 2.00 mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	IEEE 802.11ax U-NII
Channels	Middle
Signal	IEEE802.11ax (Crest factor: 1.0)
ConvF	2.07

B. SAR Measurement Results

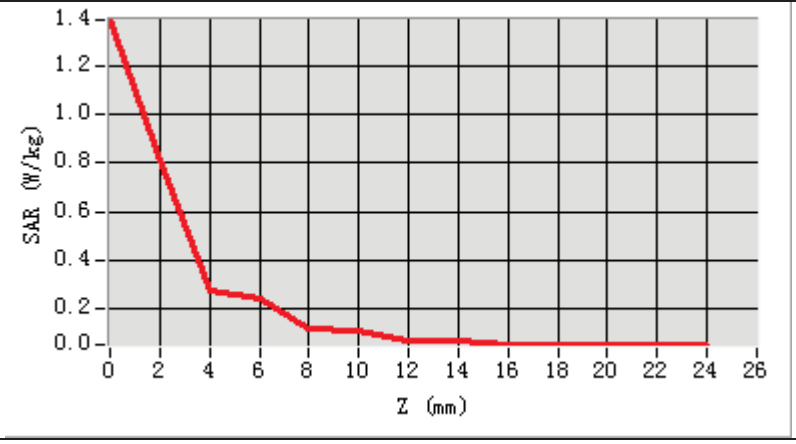
Frequency (MHz)	5775.000000
Relative permittivity (real part)	34.411841
Relative permittivity (imaginary part)	16.010736
Conductivity (S/m)	5.136778
Variation (%)	-2.330000

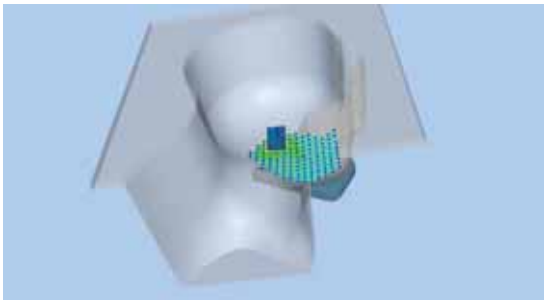
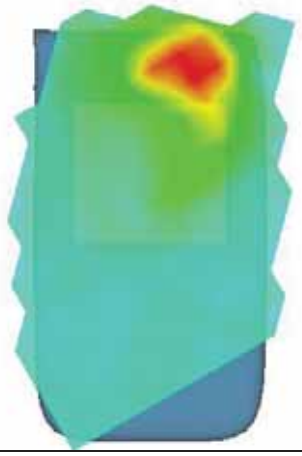
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-5.00, Y=17.00
SAR Peak: 2.11 W/kg

SAR 10g (W/Kg)	0.267087
SAR 1g (W/Kg)	0.726763

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.3935	0.8105	0.2742	0.2379	0.1118	0.1033	0.0649	0.0640	0.0512	0.0527	0.0515	0.0487



3D screen shot	Hot spot position
	

MEASUREMENT 10

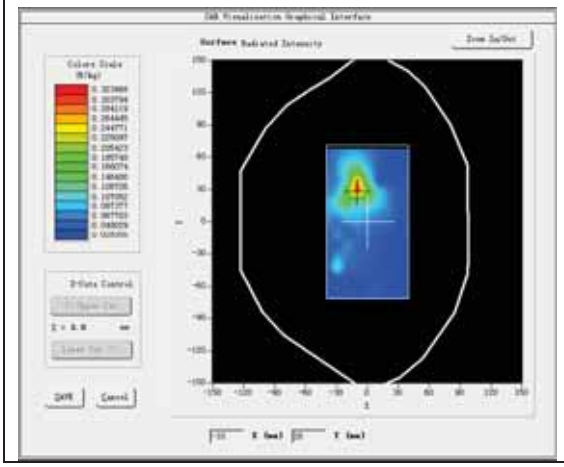
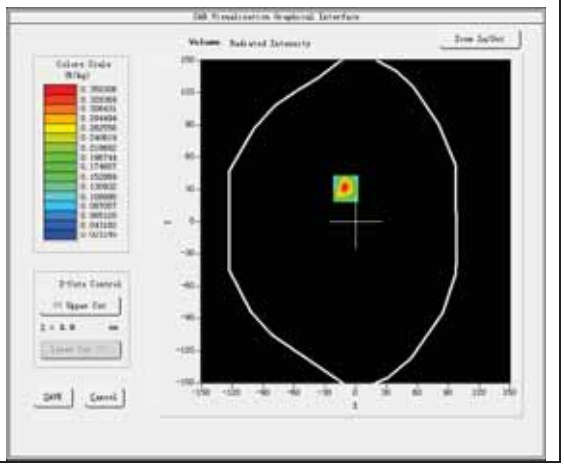
Date of measurement: 8/11/2022

A. Experimental conditions.

Area Scan	dx=10mm dy=10mm, h= 2.00 mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ax U-NII
Channels	Middle
Signal	IEEE802.11ax (Crest factor: 1.0)
ConvF	1.80

B. SAR Measurement Results

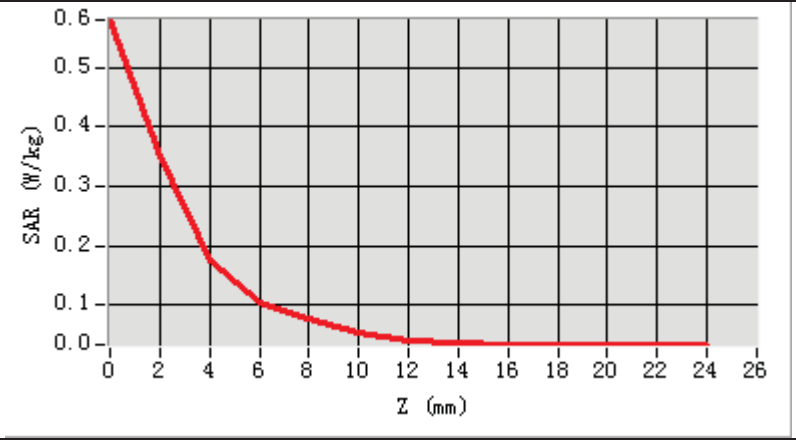
Frequency (MHz)	5210.000000
Relative permittivity (real part)	35.045477
Relative permittivity (imaginary part)	15.709539
Conductivity (S/m)	4.547039
Variation (%)	1.340000

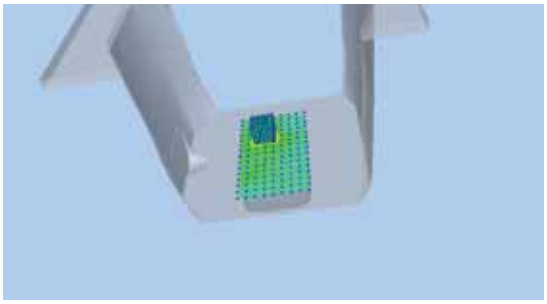
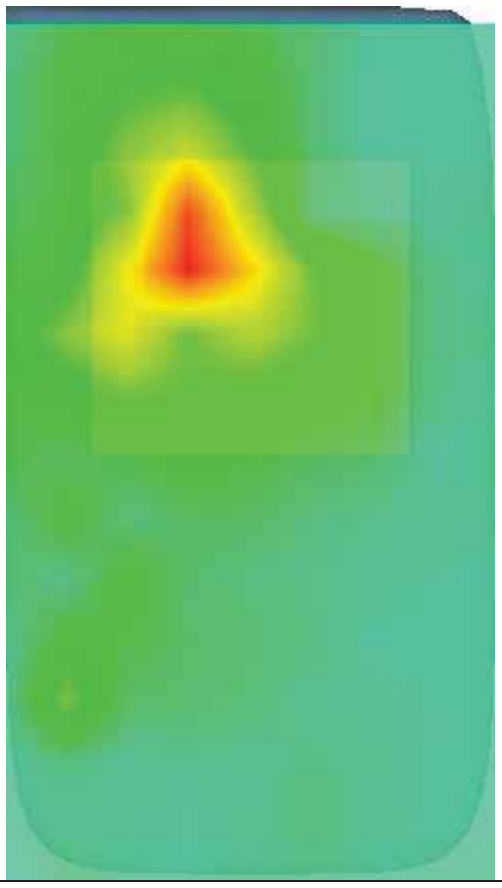
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=-10.00, Y=31.00
SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)	0.089480
SAR 1g (W/Kg)	0.207486

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.5802	0.3503	0.1755	0.1034	0.0753	0.0531	0.0398	0.0378	0.0335	0.0343	0.0335	0.0331



3D screen shot	Hot spot position
	

MEASUREMENT 11

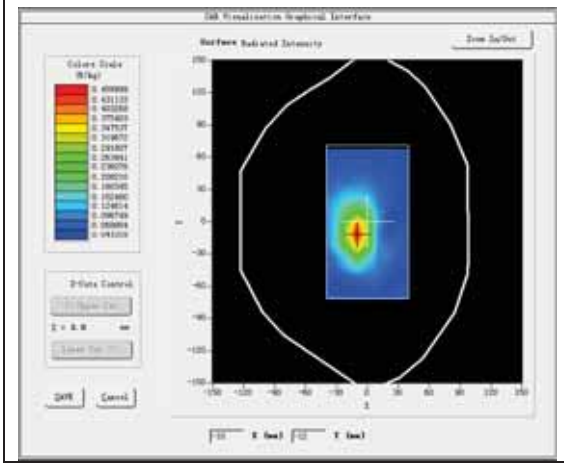
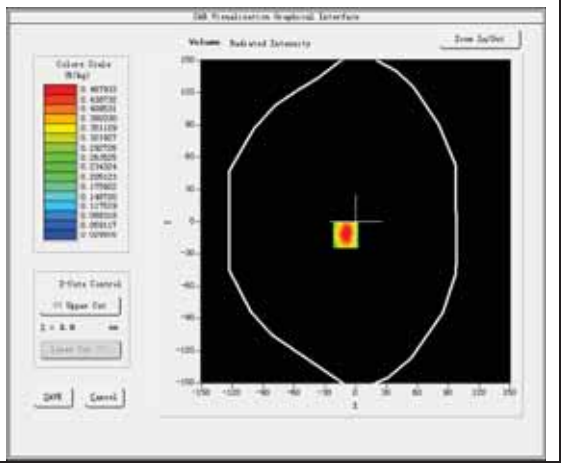
Date of measurement: 8/11/2022

A. Experimental conditions.

Area Scan	dx=10mm dy=10mm, h= 2.00 mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a U-NII
Channels	Middle
Signal	IEEE802.11a (Crest factor: 1.0)
ConvF	1.80

B. SAR Measurement Results

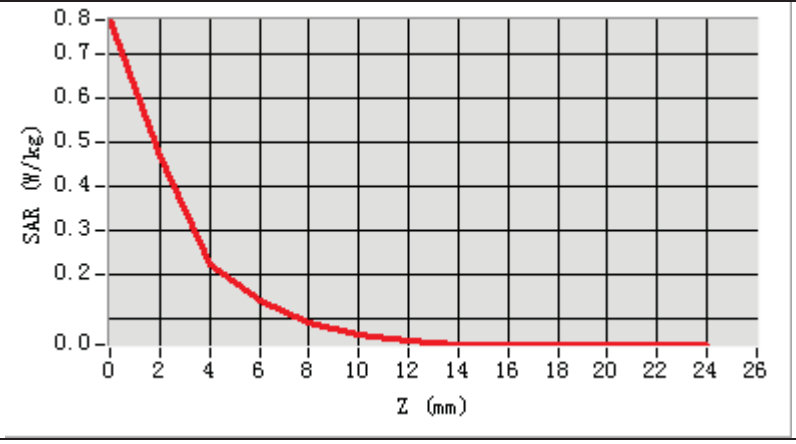
Frequency (MHz)	5300.000000
Relative permittivity (real part)	34.792041
Relative permittivity (imaginary part)	15.800062
Conductivity (S/m)	4.652240
Variation (%)	3.030000

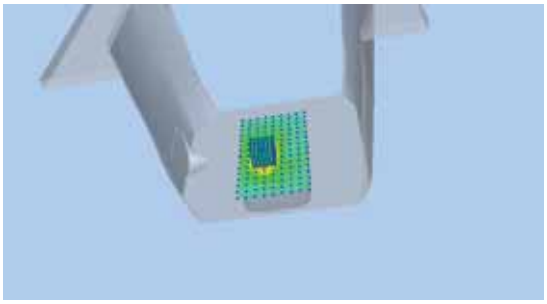
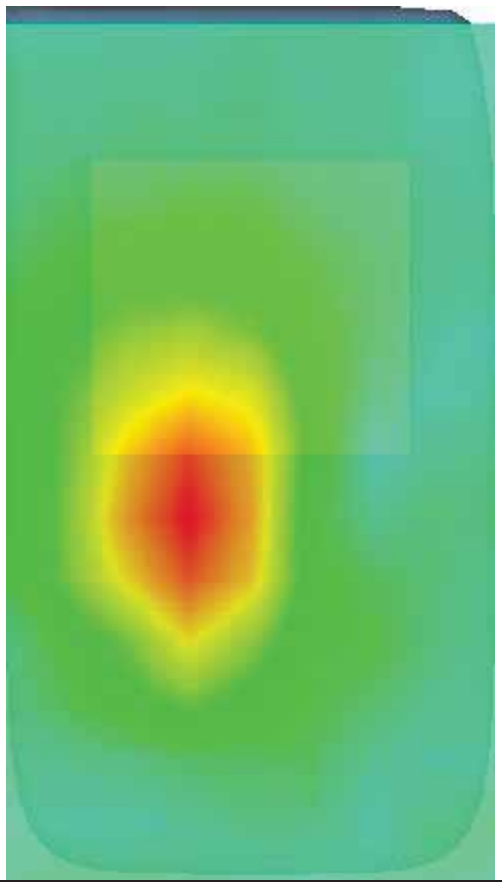
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=-12.00
SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.138910
SAR 1g (W/Kg)	0.285838

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.7765	0.4679	0.2232	0.1383	0.0907	0.0625	0.0464	0.0398	0.0402	0.0411	0.0394	0.0411



3D screen shot	Hot spot position
	

MEASUREMENT 12

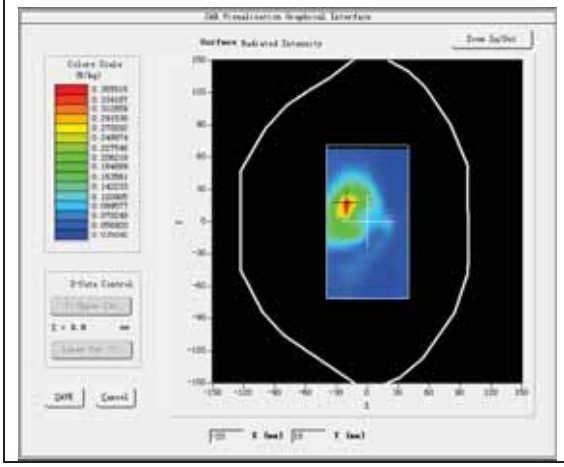
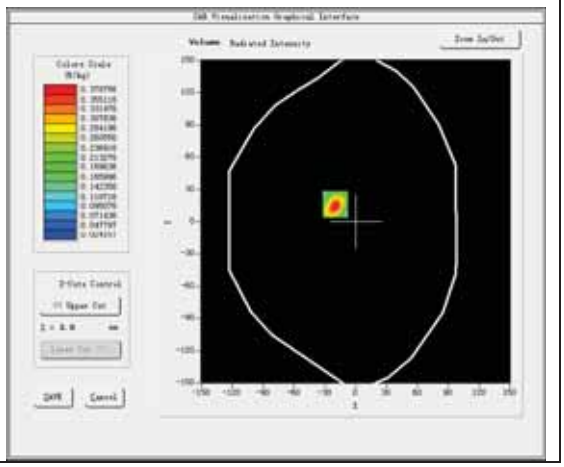
Date of measurement: 15/11/2022

A. Experimental conditions.

Area Scan	dx=10mm dy=10mm, h= 2.00 mm
ZoomScan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ax U-NII
Channels	Middle
Signal	IEEE802.11ax (Crest factor: 1.0)
ConvF	2.07

B. SAR Measurement Results

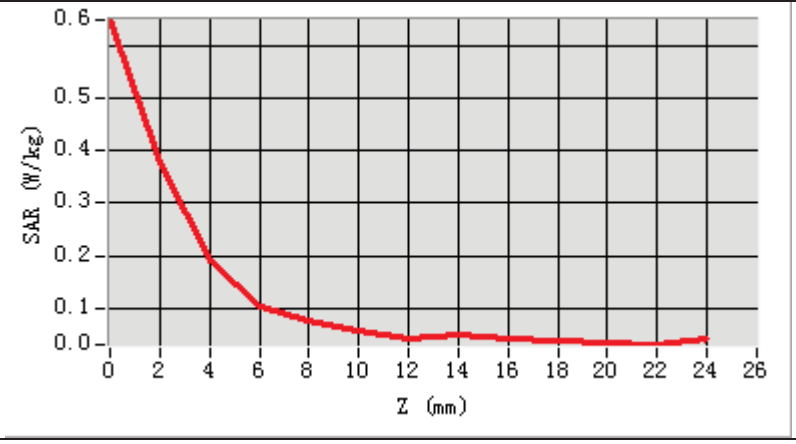
Frequency (MHz)	5775.000000
Relative permittivity (real part)	34.411841
Relative permittivity (imaginary part)	16.010736
Conductivity (S/m)	5.136778
Variation (%)	-0.910000

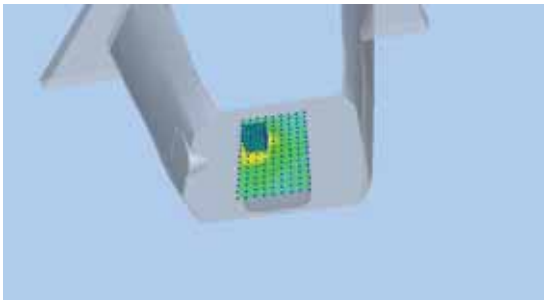
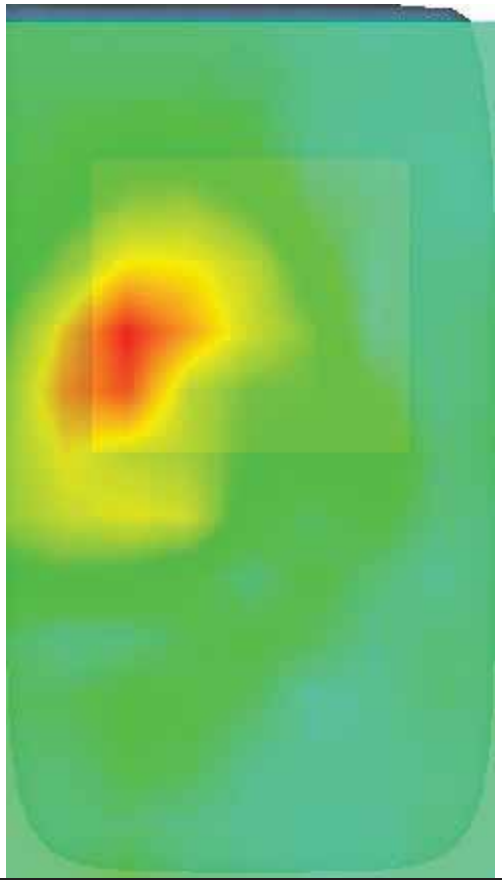
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-20.00, Y=16.00
SAR Peak: 0.69 W/kg

SAR 10g (W/Kg)	0.106287
SAR 1g (W/Kg)	0.227683

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.6500	0.3788	0.1917	0.1037	0.0742	0.0553	0.0418	0.0488	0.0408	0.0356	0.0347	0.0298



3D screen shot	Hot spot position
	

MEASUREMENT 13

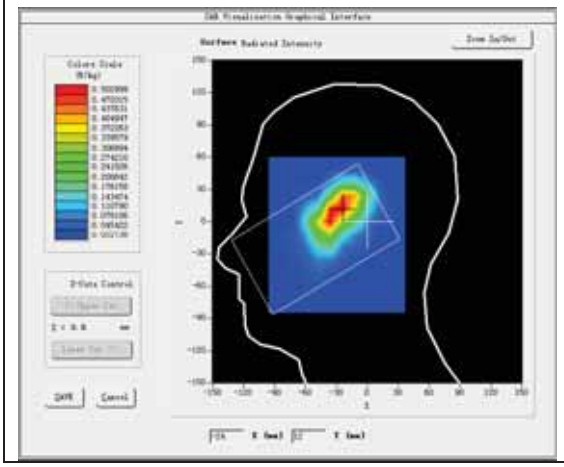
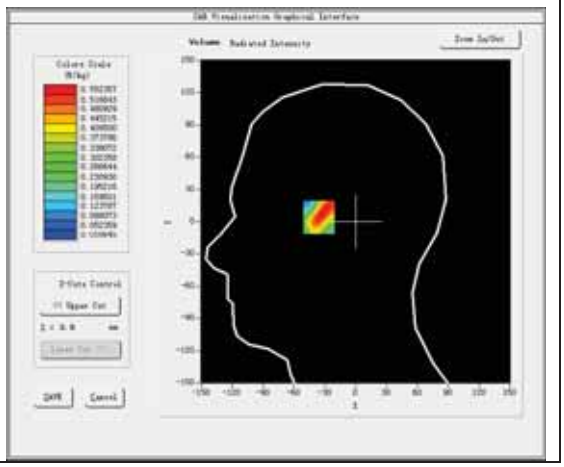
Date of measurement: 21/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	IEEE 802.11b ISM
Channels	Middle
Signal	IEEE802.11b (Crest factor: 1.0)
ConvF	1.98

B. SAR Measurement Results

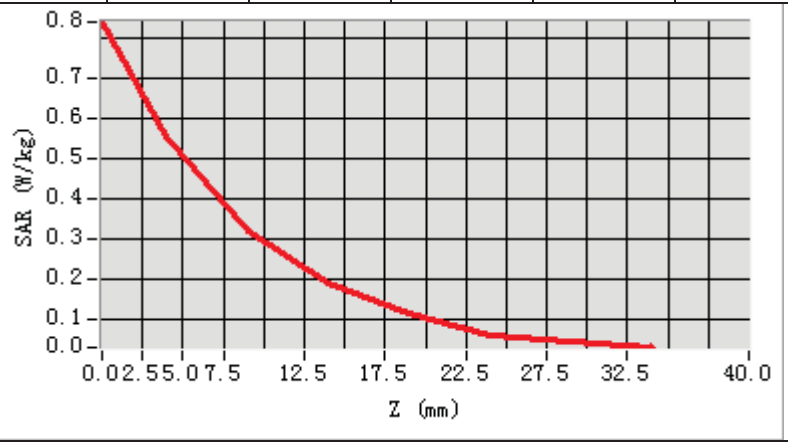
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.846413
Relative permittivity (imaginary part)	12.948585
Conductivity (S/m)	1.753095
Variation (%)	-3.910000

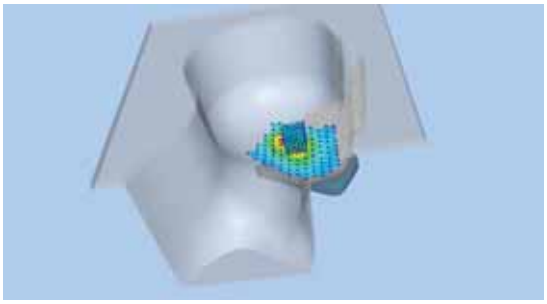
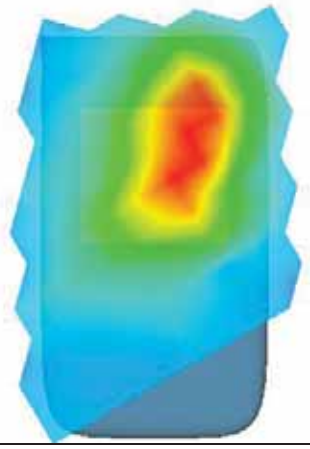
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-36.00, Y=6.00
SAR Peak: 0.86 W/kg

SAR 10g (W/Kg)	0.283179
SAR 1g (W/Kg)	0.514328

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8388	0.5524	0.3180	0.1900	0.1143	0.0616	0.0468



3D screen shot	Hot spot position
	

MEASUREMENT 14

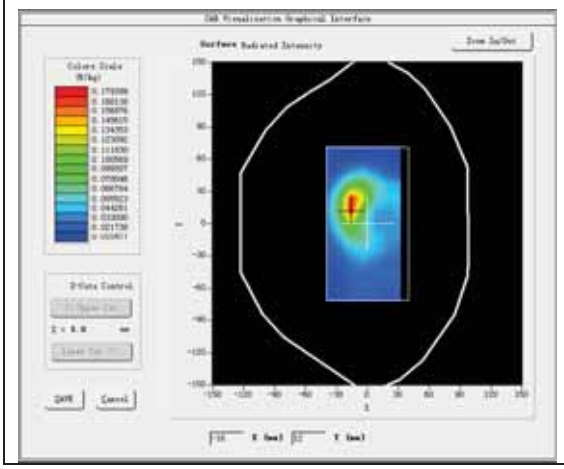
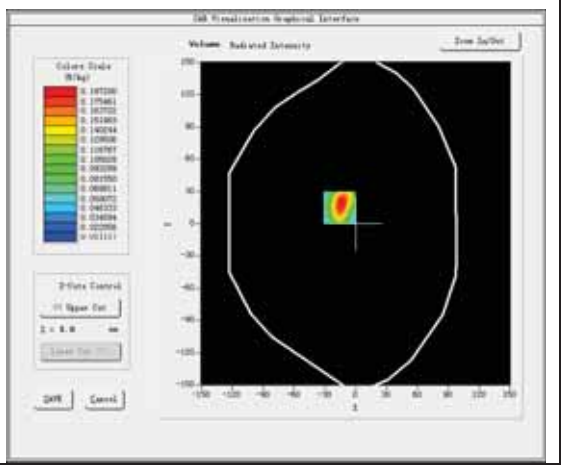
Date of measurement: 21/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Middle
Signal	IEEE802.11b (Crest factor: 1.0)
ConvF	1.98

B. SAR Measurement Results

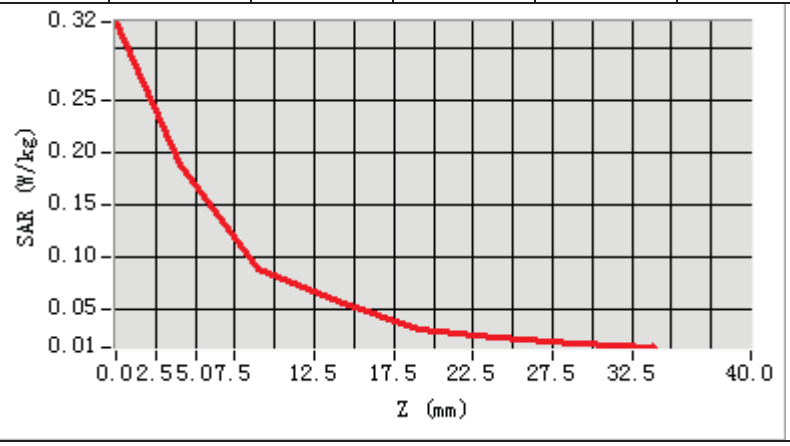
Frequency (MHz)	2437.000000
Relative permittivity (real part)	37.846413
Relative permittivity (imaginary part)	12.948585
Conductivity (S/m)	1.753095
Variation (%)	-2.710000

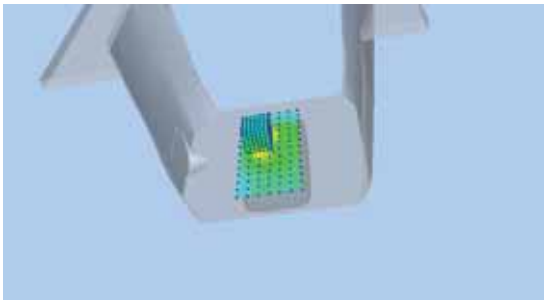
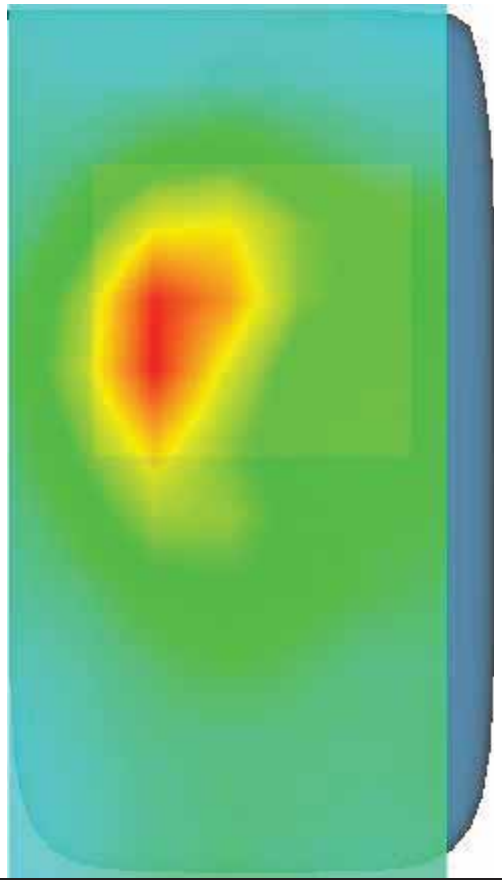
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-16.00, Y=15.00
SAR Peak: 0.31 W/kg

SAR 10g (W/Kg)	0.089483
SAR 1g (W/Kg)	0.175741

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3246	0.1872	0.0886	0.0573	0.0303	0.0216	0.0166



3D screen shot	Hot spot position
	

MEASUREMENT 15

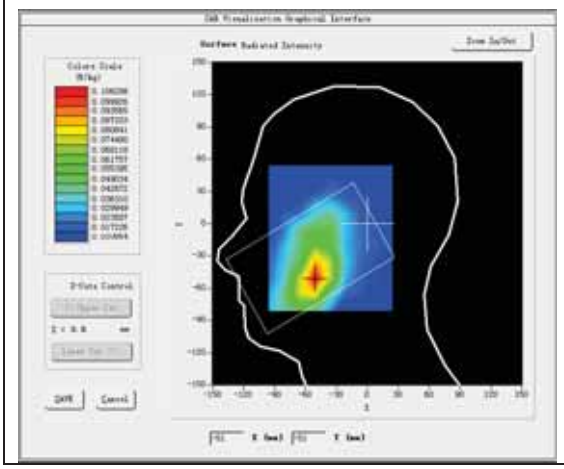
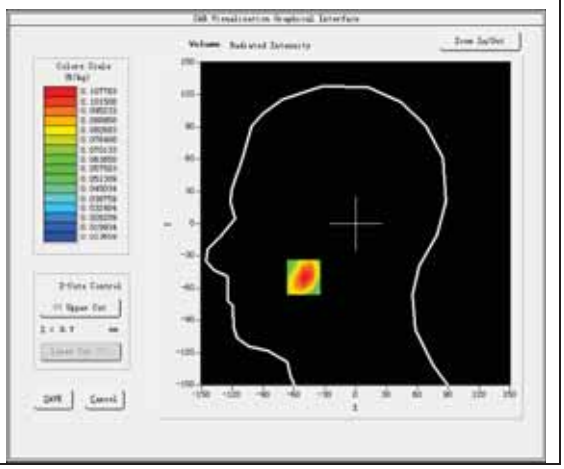
Date of measurement: 8/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 2
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.91

B. SAR Measurement Results

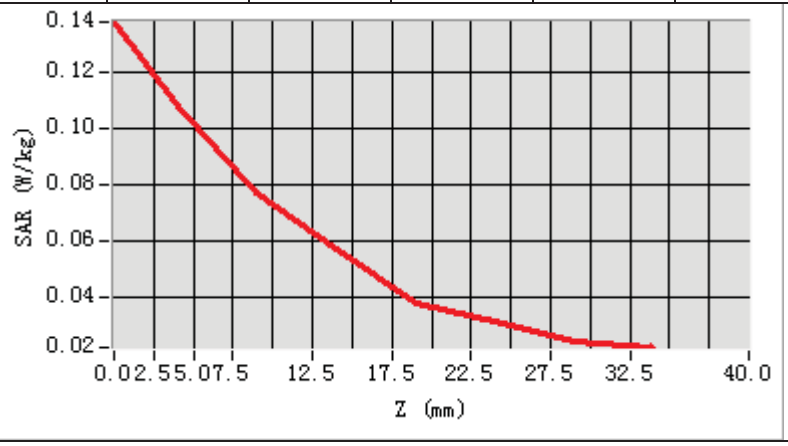
Frequency (MHz)	1880.000000
Relative permittivity (real part)	38.434464
Relative permittivity (imaginary part)	13.801094
Conductivity (S/m)	1.441448
Variation (%)	-4.040000

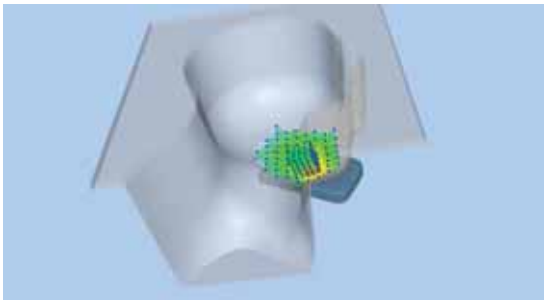
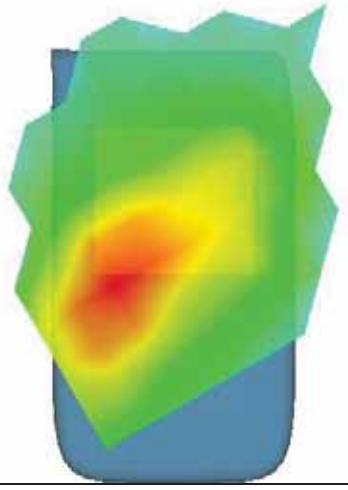
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-51.00, Y=-50.00
SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.067339
SAR 1g (W/Kg)	0.103481

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1379	0.1078	0.0767	0.0568	0.0377	0.0312	0.0241



3D screen shot	Hot spot position
	

MEASUREMENT 16

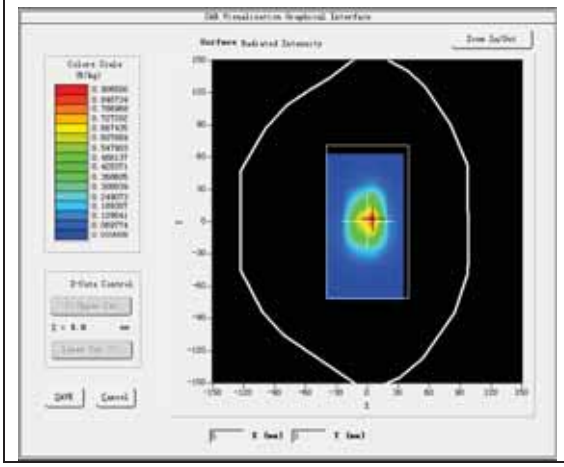
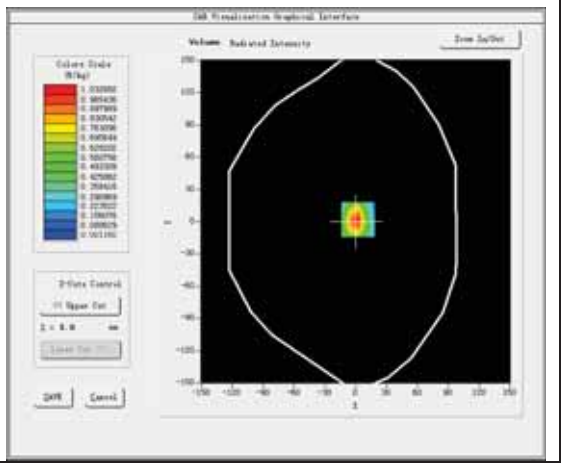
Date of measurement: 8/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Low
Signal	LTE (Crest factor: 1.0)
ConvF	1.91

B. SAR Measurement Results

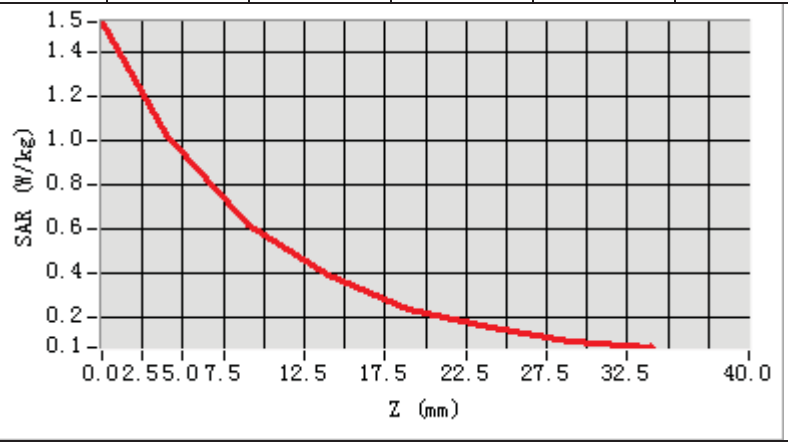
Frequency (MHz)	1860.000000
Relative permittivity (real part)	38.523465
Relative permittivity (imaginary part)	13.847594
Conductivity (S/m)	1.430918
Variation (%)	-0.690000

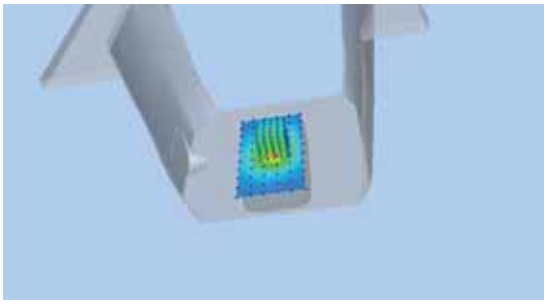
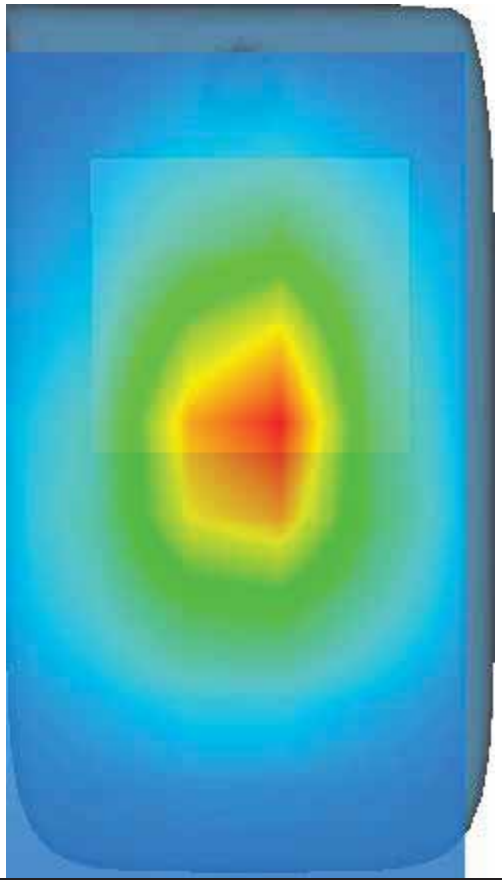
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=2.00
SAR Peak: 1.57 W/kg

SAR 10g (W/Kg)	0.517920
SAR 1g (W/Kg)	0.996634

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5406	1.0329	0.6195	0.3875	0.2351	0.1525	0.0933



3D screen shot	Hot spot position
	

MEASUREMENT 17

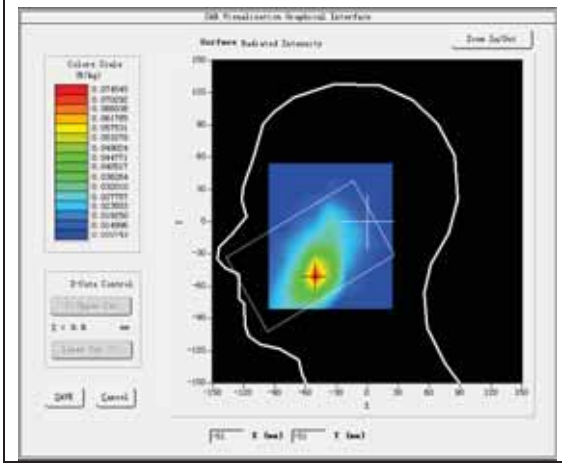
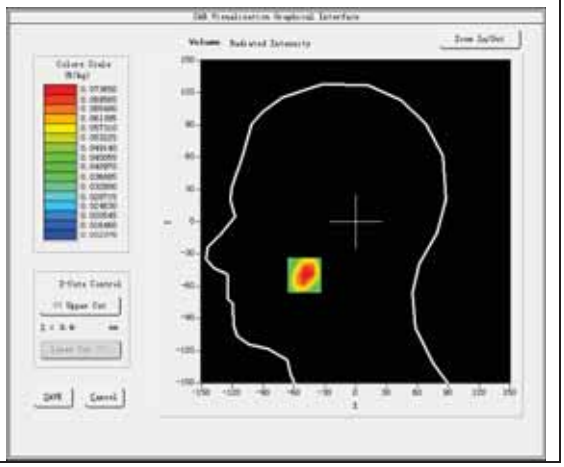
Date of measurement: 14/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 4
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.73

B. SAR Measurement Results

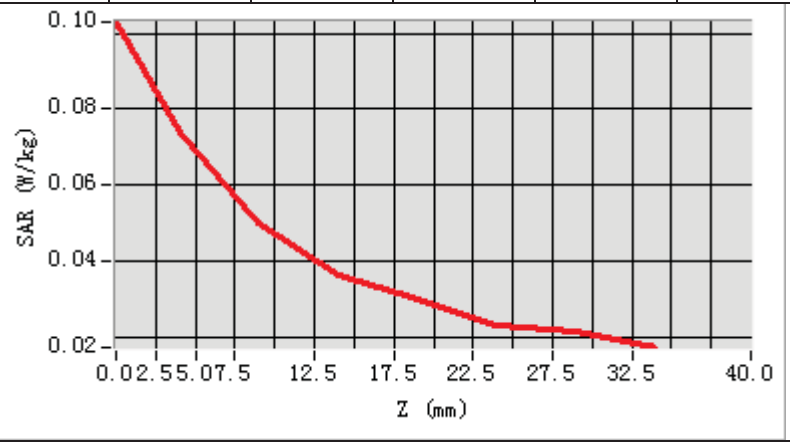
Frequency (MHz)	1732.500000
Relative permittivity (real part)	39.144661
Relative permittivity (imaginary part)	13.784731
Conductivity (S/m)	1.326780
Variation (%)	3.420000

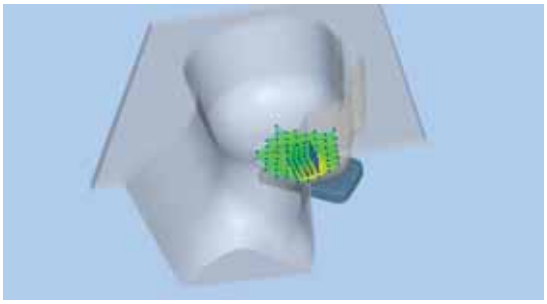
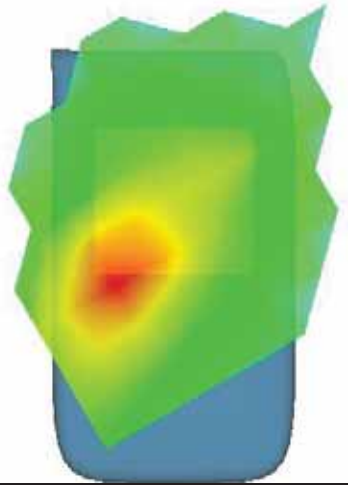
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-50.00, Y=-50.00
SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.046731
SAR 1g (W/Kg)	0.075051

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1029	0.0736	0.0500	0.0366	0.0301	0.0233	0.0217



3D screen shot	Hot spot position
	

MEASUREMENT 18

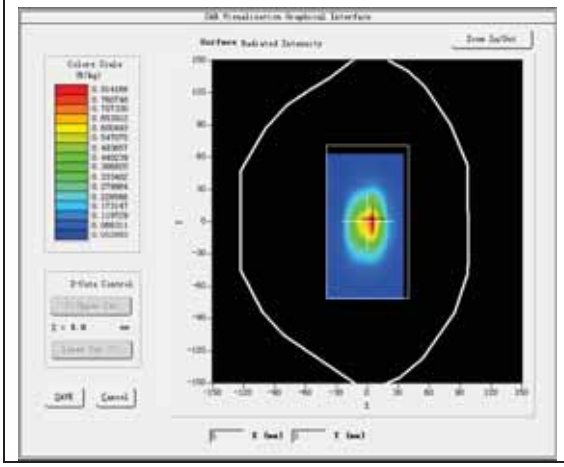
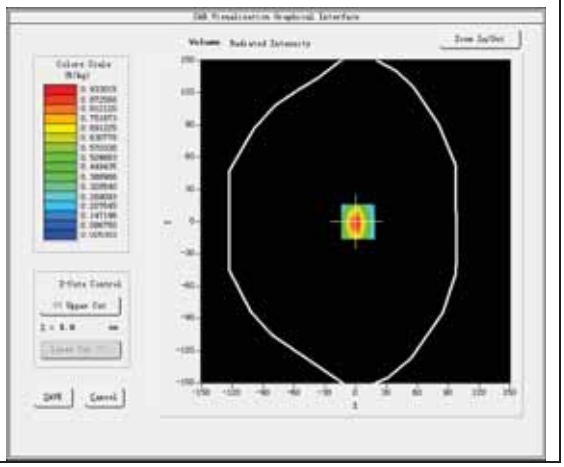
Date of measurement: 14/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Channels	Low
Signal	LTE (Crest factor: 1.0)
ConvF	1.73

B. SAR Measurement Results

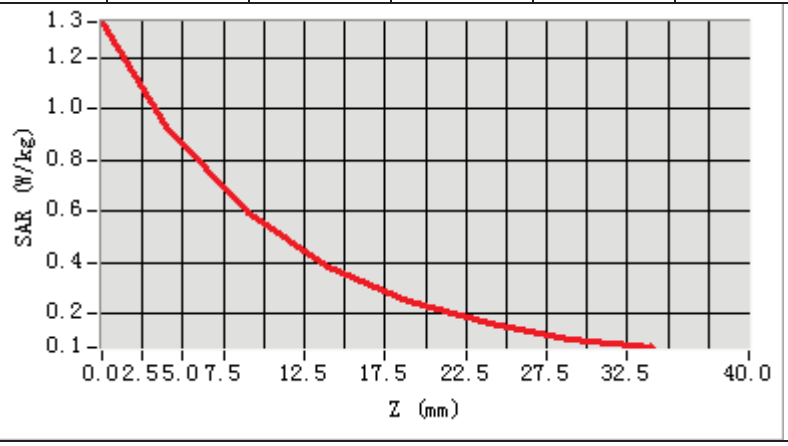
Frequency (MHz)	1720.000000
Relative permittivity (real part)	39.277363
Relative permittivity (imaginary part)	13.743081
Conductivity (S/m)	1.312846
Variation (%)	-1.050000

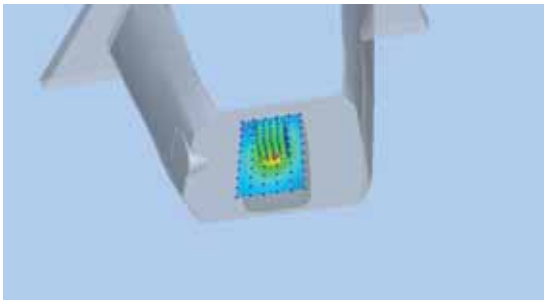
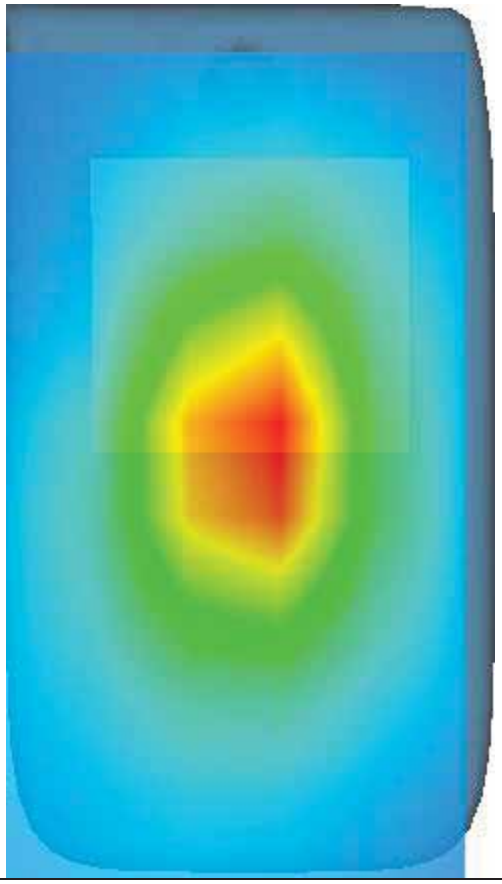
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=2.00, Y=0.00
SAR Peak: 1.37 W/kg

SAR 10g (W/Kg)	0.485859
SAR 1g (W/Kg)	0.883551

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3390	0.9330	0.5921	0.3789	0.2455	0.1626	0.1031



3D screen shot	Hot spot position
	

MEASUREMENT 19

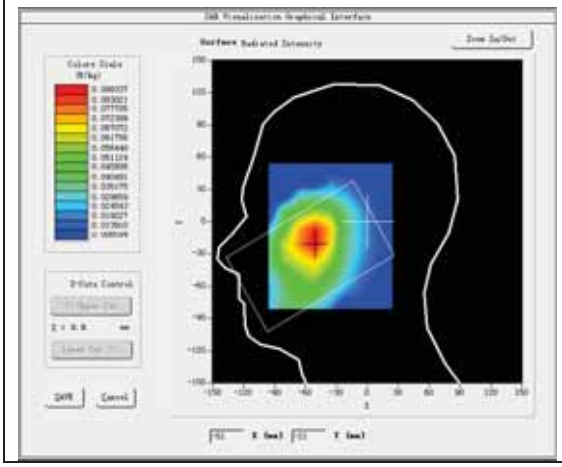
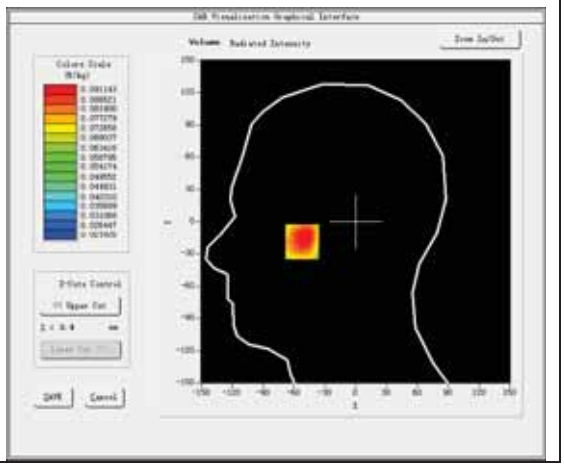
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 5
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

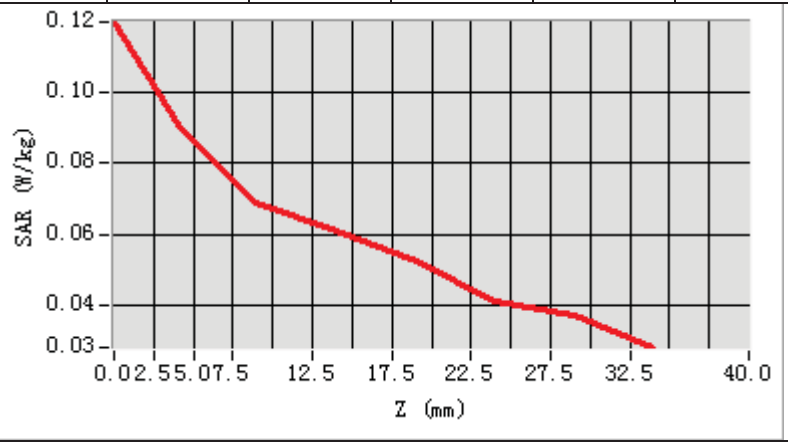
Frequency (MHz)	836.500000
Relative permittivity (real part)	41.291401
Relative permittivity (imaginary part)	19.946489
Conductivity (S/m)	0.926958
Variation (%)	2.870000

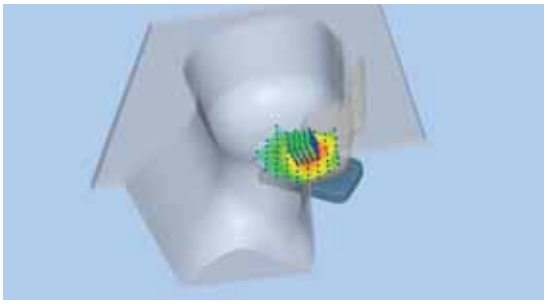
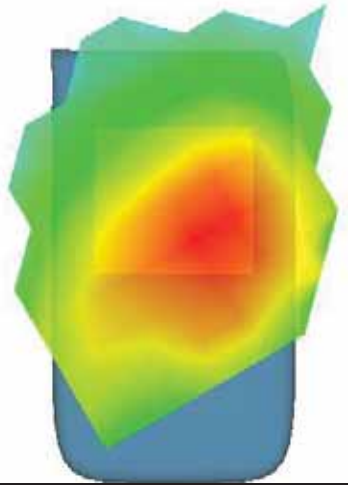
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-52.00, Y=-18.00
SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.070704
SAR 1g (W/Kg)	0.092836

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1197	0.0911	0.0689	0.0610	0.0523	0.0412	0.0372



3D screen shot	Hot spot position
	

MEASUREMENT 20

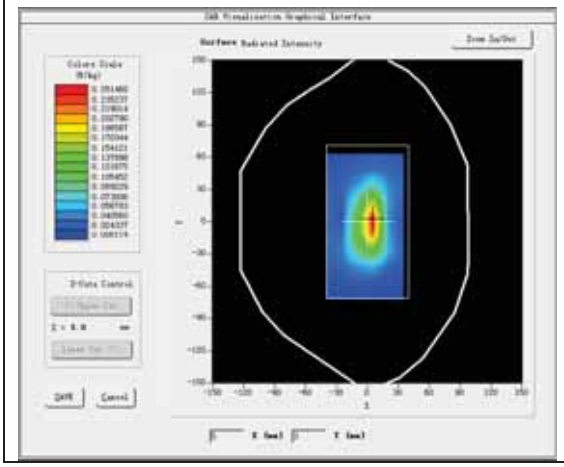
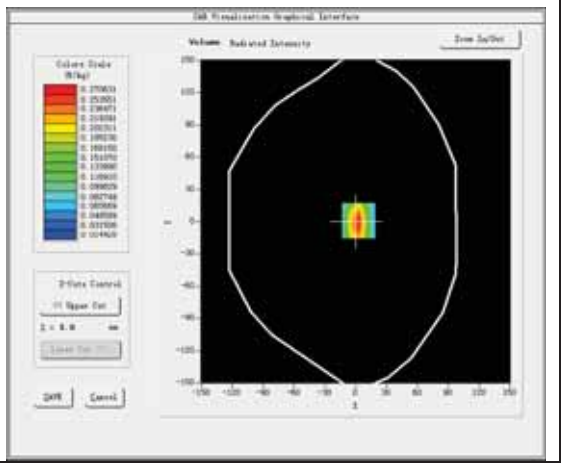
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

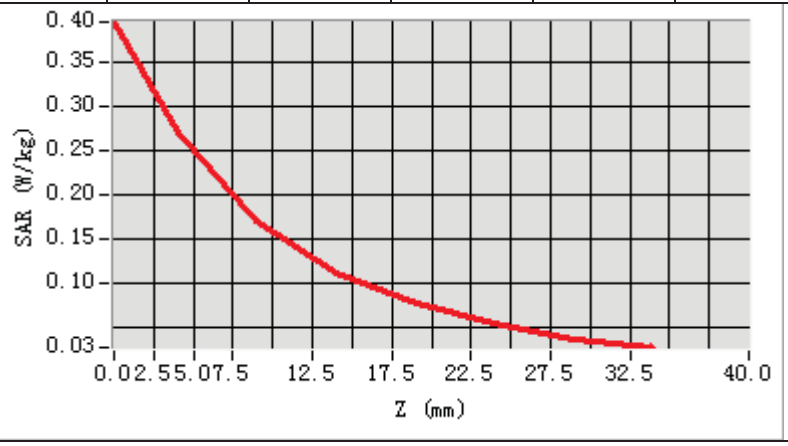
Frequency (MHz)	836.500000
Relative permittivity (real part)	41.291401
Relative permittivity (imaginary part)	19.946489
Conductivity (S/m)	0.926958
Variation (%)	-1.100000

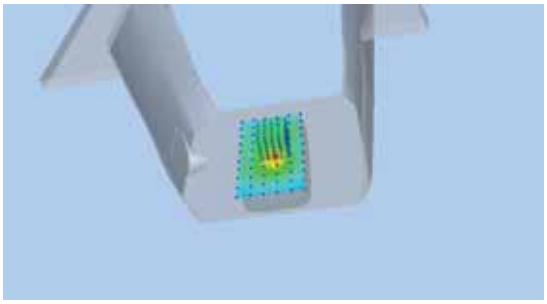
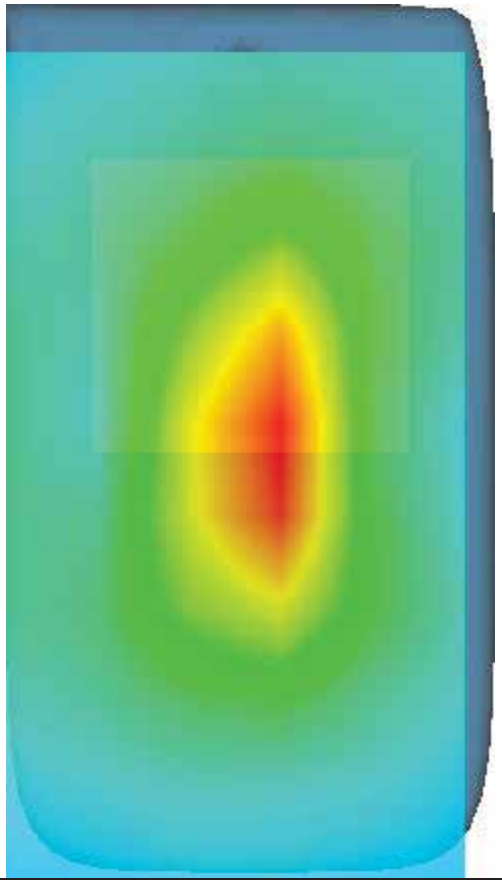
SURFACE SAR	VOLUME SAR
	

Maximum location: X=3.00, Y=1.00
SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)	0.146774
SAR 1g (W/Kg)	0.259849

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3951	0.2706	0.1714	0.1132	0.0783	0.0545	0.0382



3D screen shot	Hot spot position
	

MEASUREMENT 21

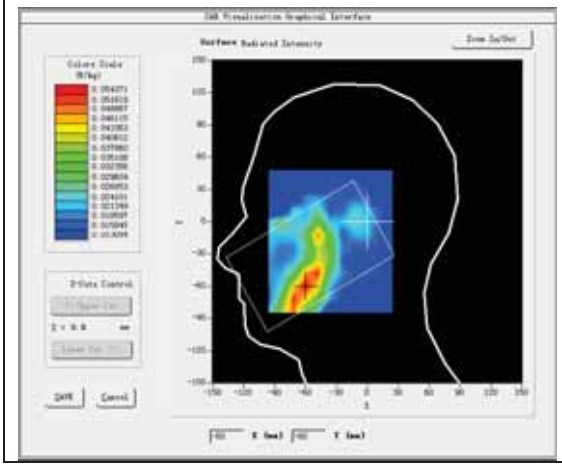
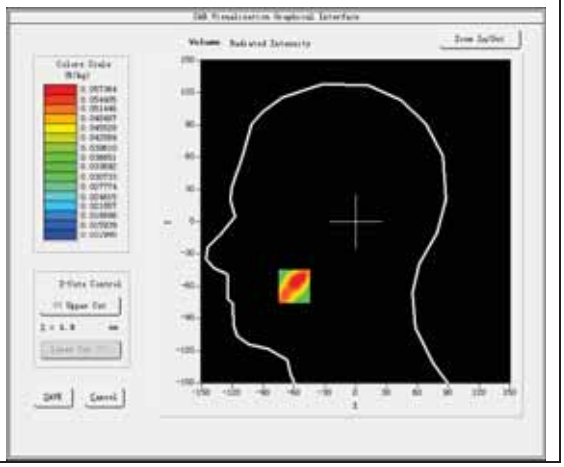
Date of measurement: 2/11/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 7
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.87

B. SAR Measurement Results

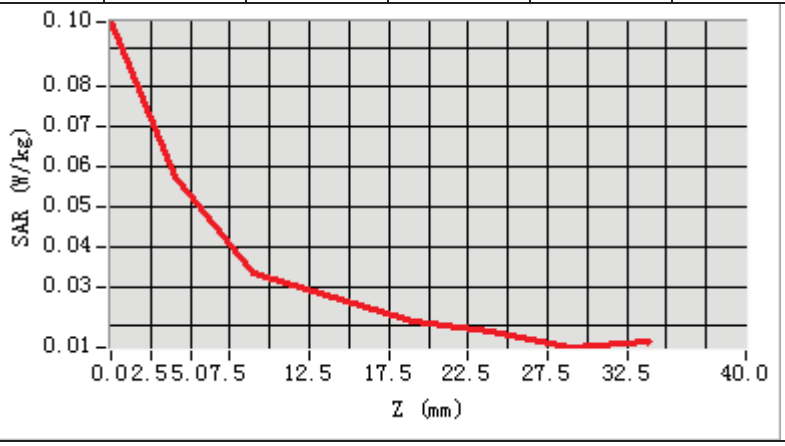
Frequency (MHz)	2535.000000
Relative permittivity (real part)	38.021152
Relative permittivity (imaginary part)	13.111235
Conductivity (S/m)	1.846499
Variation (%)	-1.900000

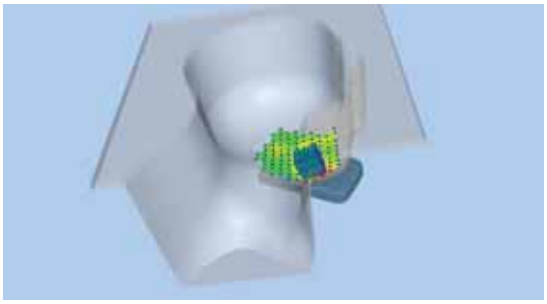
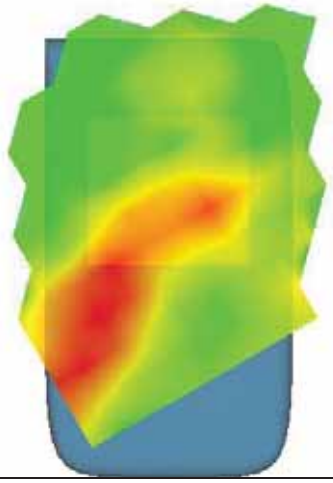
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-60.00, Y=-60.00
SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.035217
SAR 1g (W/Kg)	0.053786

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0963	0.0574	0.0334	0.0272	0.0213	0.0185	0.0147



3D screen shot	Hot spot position
	

MEASUREMENT 22

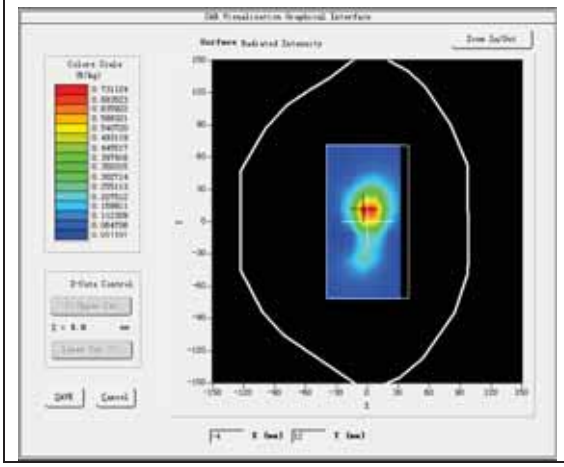
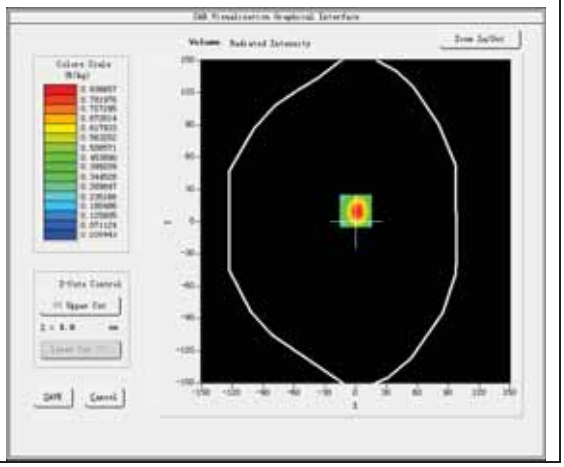
Date of measurement: 2/11/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.87

B. SAR Measurement Results

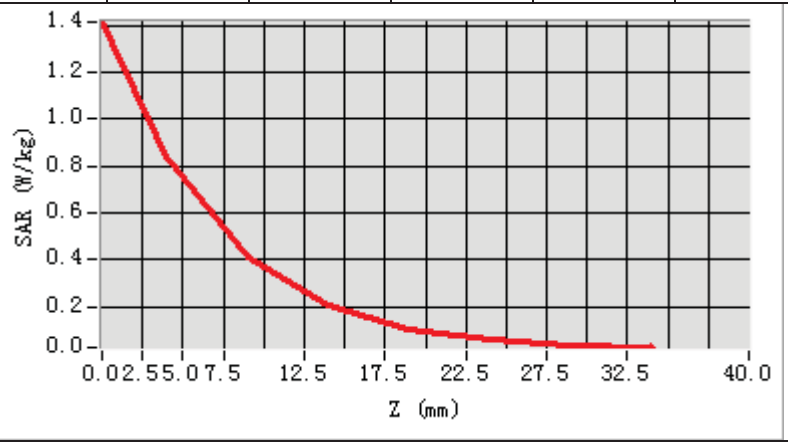
Frequency (MHz)	2535.000000
Relative permittivity (real part)	38.021152
Relative permittivity (imaginary part)	13.111235
Conductivity (S/m)	1.846499
Variation (%)	-1.860000

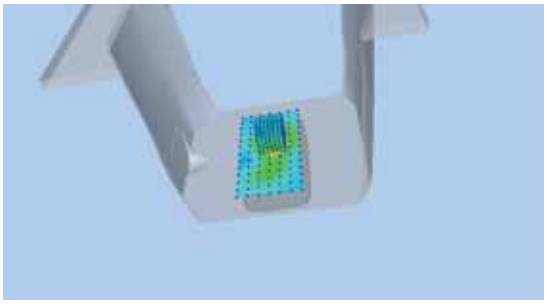
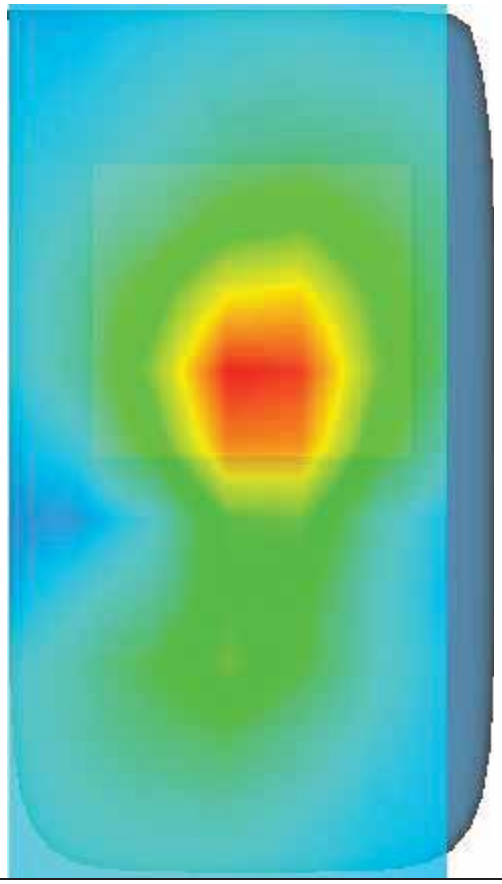
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=0.00, Y=10.00
SAR Peak: 1.41 W/kg

SAR 10g (W/Kg)	0.371702
SAR 1g (W/Kg)	0.777557

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.4169	0.8367	0.4107	0.2052	0.1045	0.0600	0.0326



3D screen shot	Hot spot position
	

MEASUREMENT 23

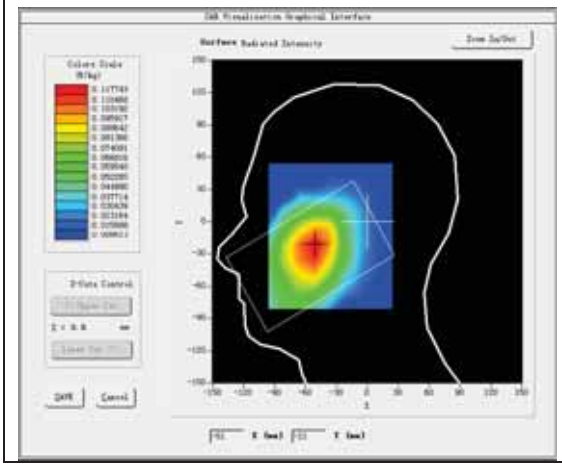
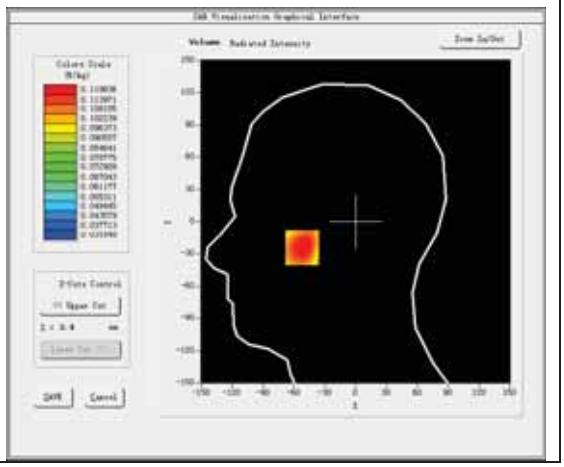
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 12
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

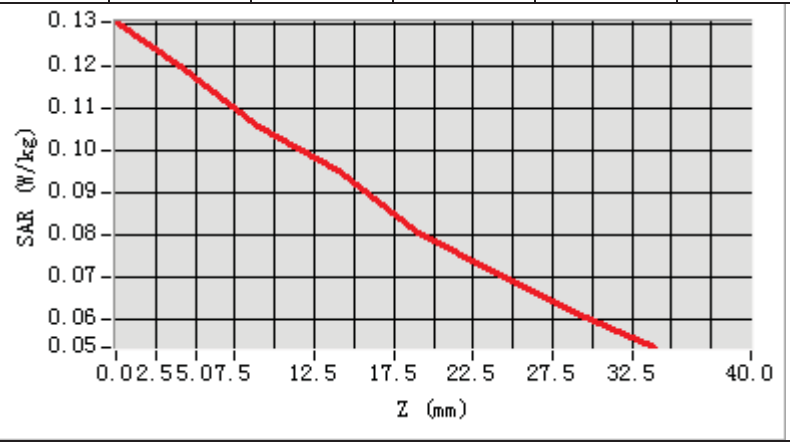
Frequency (MHz)	707.500000
Relative permittivity (real part)	40.761253
Relative permittivity (imaginary part)	21.586189
Conductivity (S/m)	0.848457
Variation (%)	-1.350000

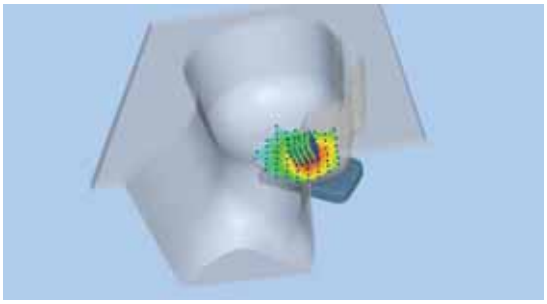
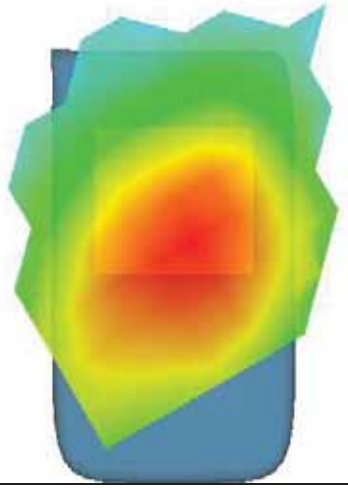
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-52.00, Y=-24.00
SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.097073
SAR 1g (W/Kg)	0.117391

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1304	0.1198	0.1056	0.0952	0.0806	0.0711	0.0615



3D screen shot	Hot spot position
	

MEASUREMENT 24

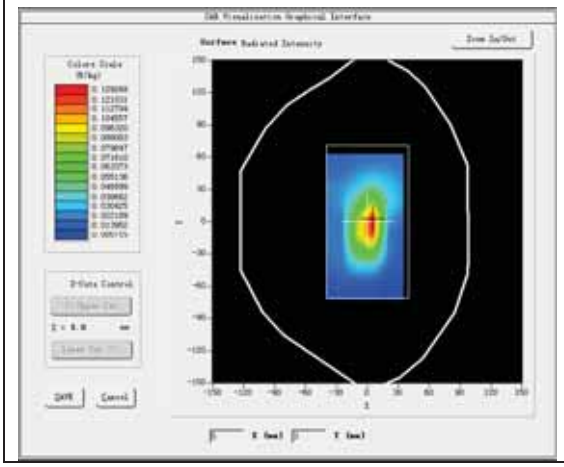
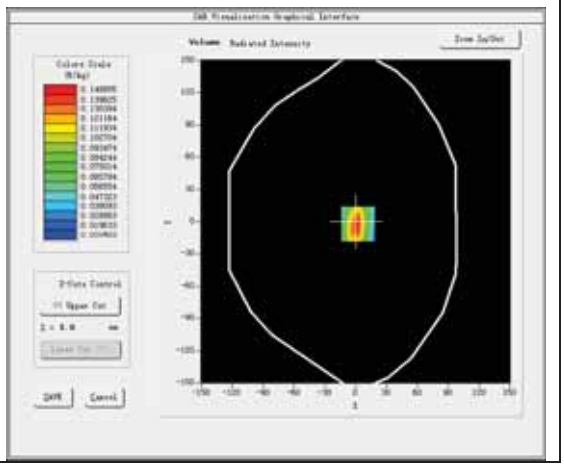
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

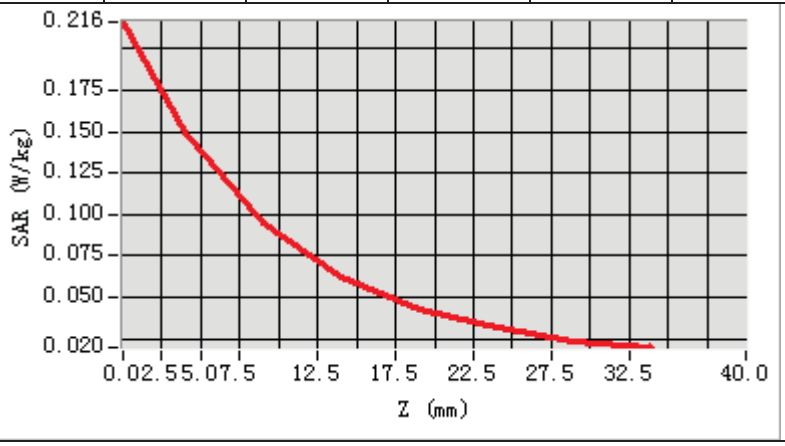
Frequency (MHz)	707.500000
Relative permittivity (real part)	40.761253
Relative permittivity (imaginary part)	21.586189
Conductivity (S/m)	0.848457
Variation (%)	-0.910000

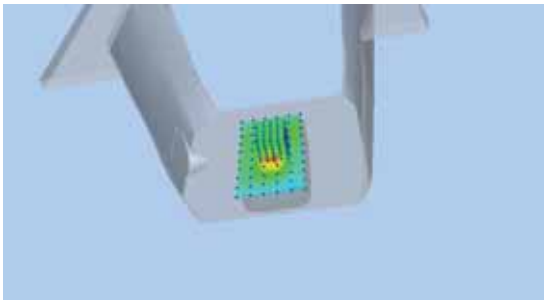
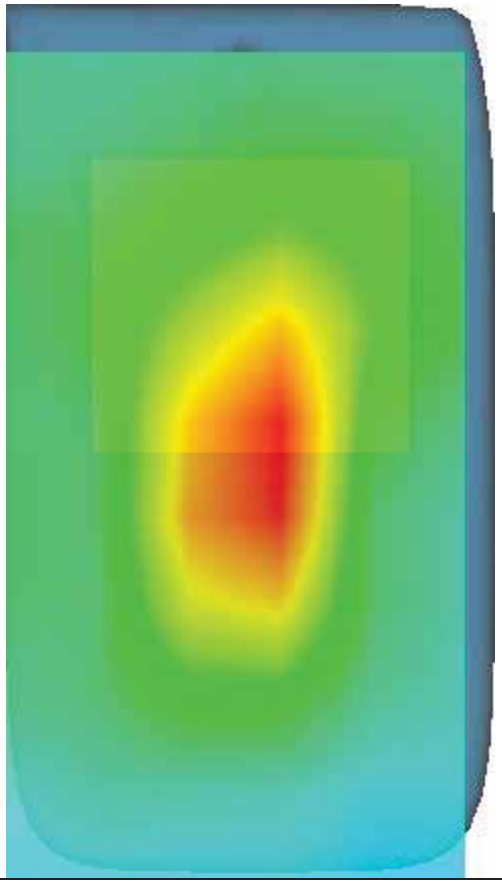
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=-2.00
SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)	0.080633
SAR 1g (W/Kg)	0.141412

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2160	0.1489	0.0949	0.0623	0.0430	0.0323	0.0232



3D screen shot	Hot spot position
	

MEASUREMENT 25

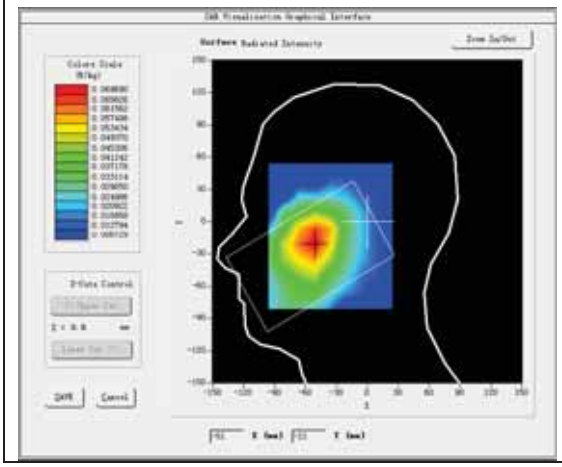
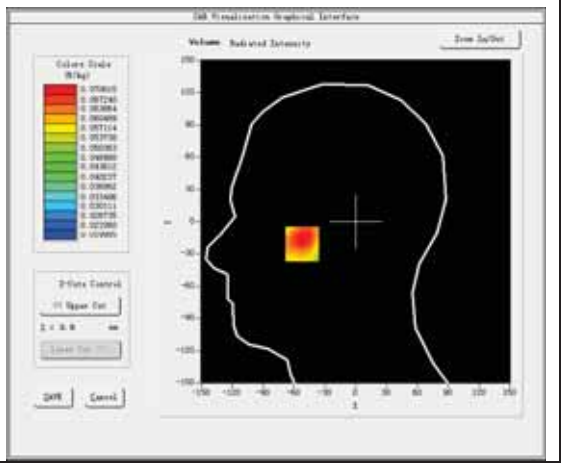
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 13
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

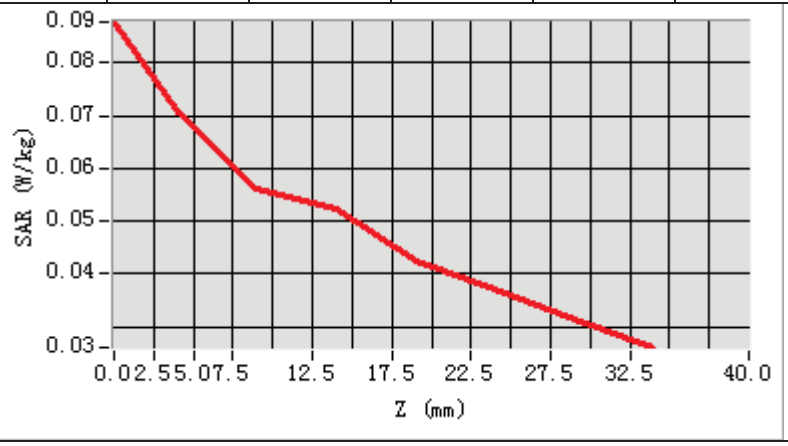
Frequency (MHz)	782.000000
Relative permittivity (real part)	39.873602
Relative permittivity (imaginary part)	20.843740
Conductivity (S/m)	0.905545
Variation (%)	-1.350000

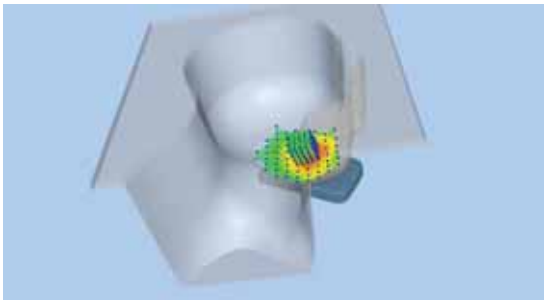
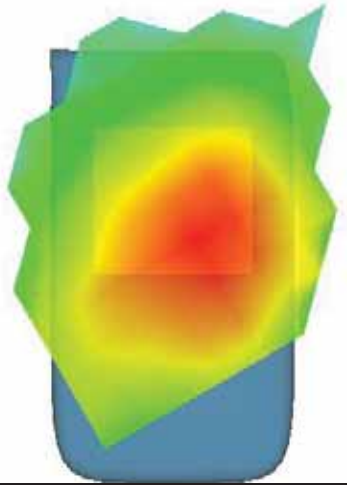
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-52.00, Y=-20.00
SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.056507
SAR 1g (W/Kg)	0.071105

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0878	0.0706	0.0562	0.0523	0.0424	0.0371	0.0314



3D screen shot	Hot spot position
	

MEASUREMENT 26

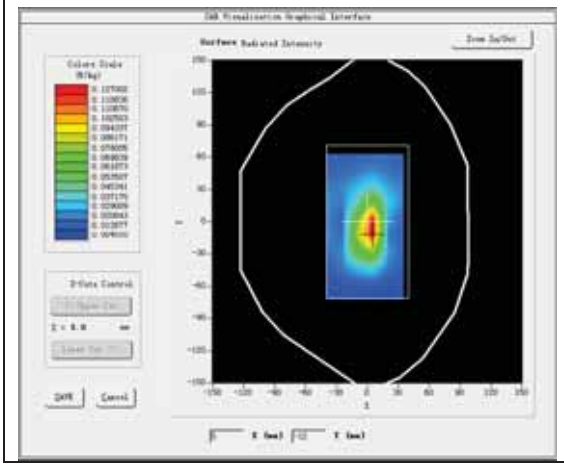
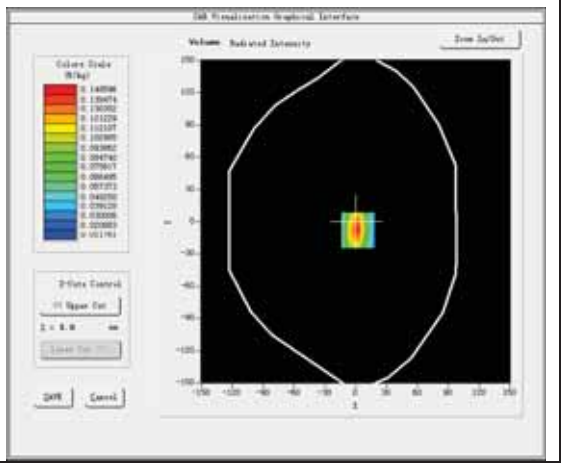
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 13
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

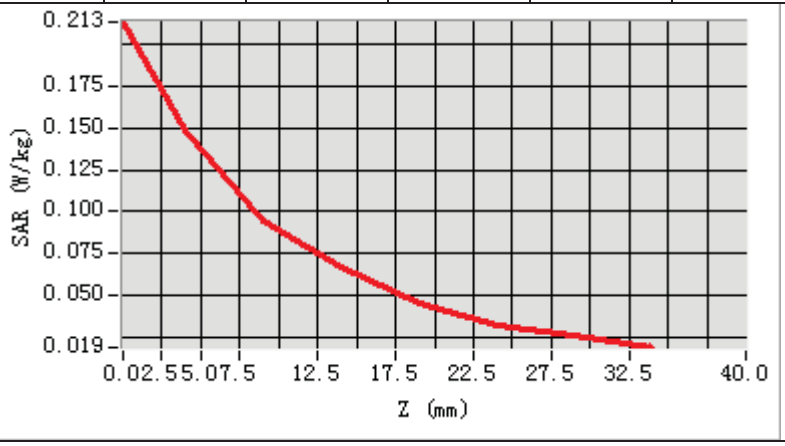
Frequency (MHz)	782.000000
Relative permittivity (real part)	39.873602
Relative permittivity (imaginary part)	20.843740
Conductivity (S/m)	0.905545
Variation (%)	-0.010000

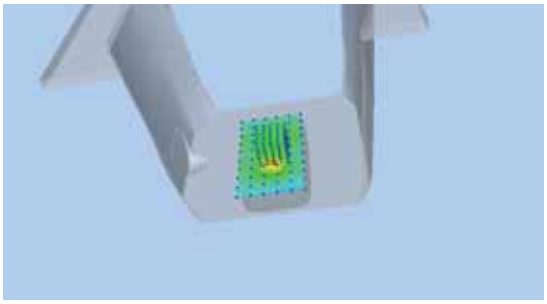
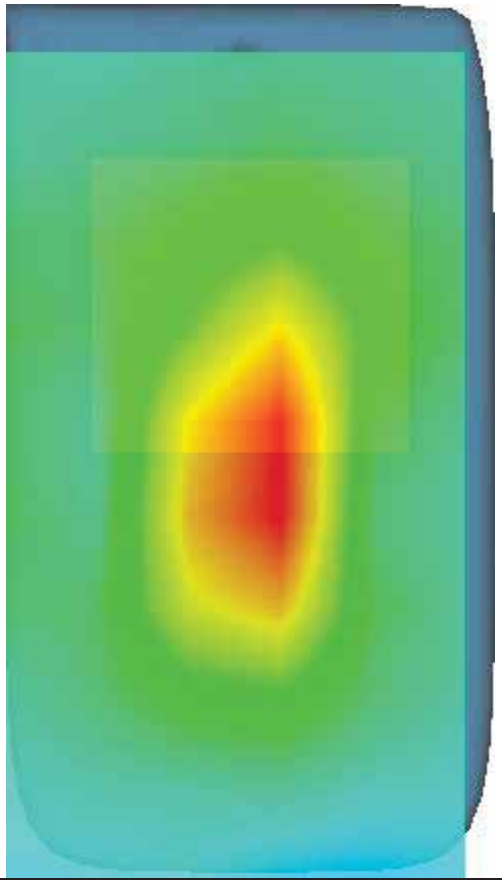
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=-8.00
SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.079442
SAR 1g (W/Kg)	0.138333

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2131	0.1486	0.0943	0.0666	0.0451	0.0327	0.0261



3D screen shot	Hot spot position
	

MEASUREMENT 27

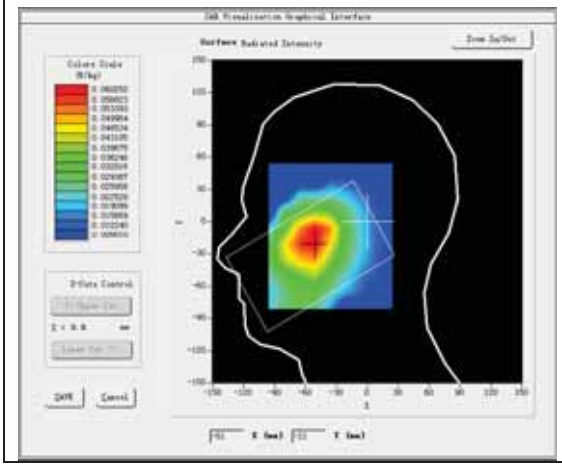
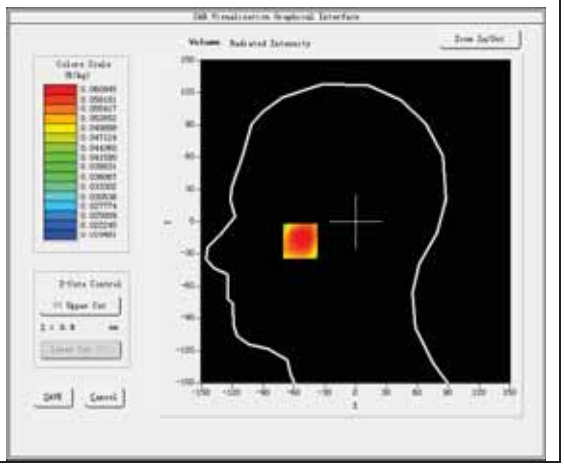
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 14
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

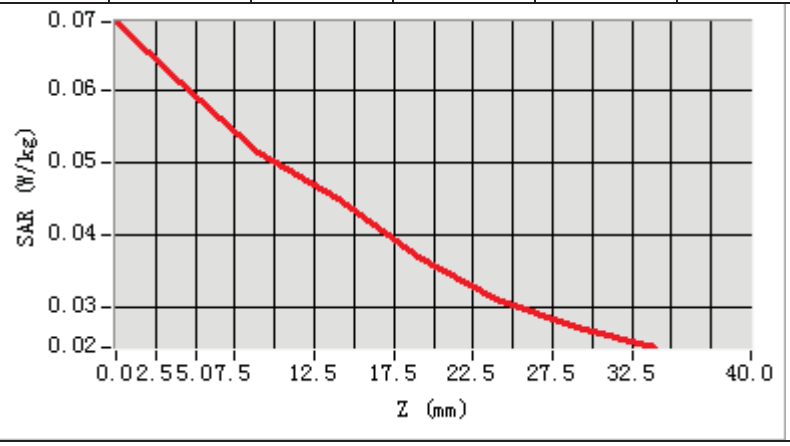
Frequency (MHz)	793.000000
Relative permittivity (real part)	39.757053
Relative permittivity (imaginary part)	20.949390
Conductivity (S/m)	0.922355
Variation (%)	1.880000

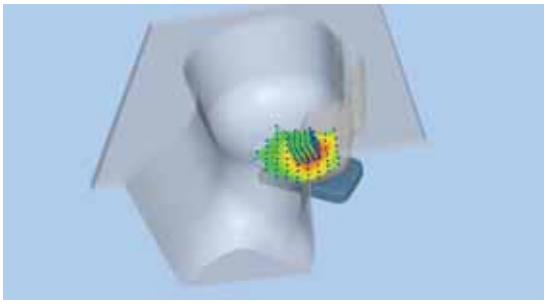
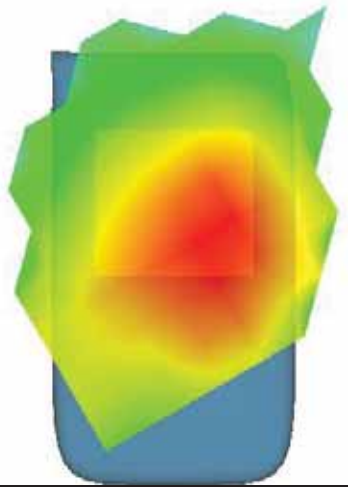
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-54.00, Y=-17.00
SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.049684
SAR 1g (W/Kg)	0.061408

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0693	0.0609	0.0513	0.0450	0.0370	0.0312	0.0274



3D screen shot	Hot spot position
	

MEASUREMENT 28

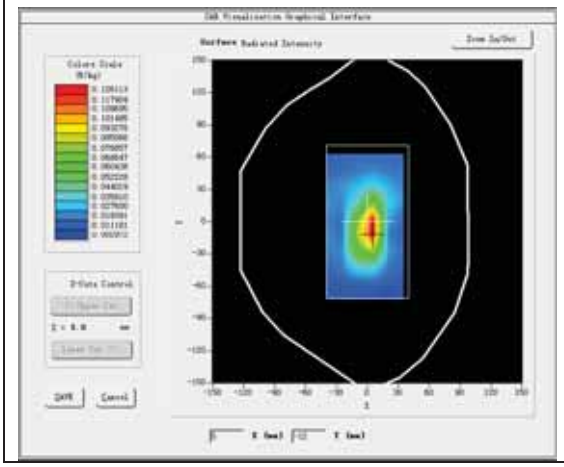
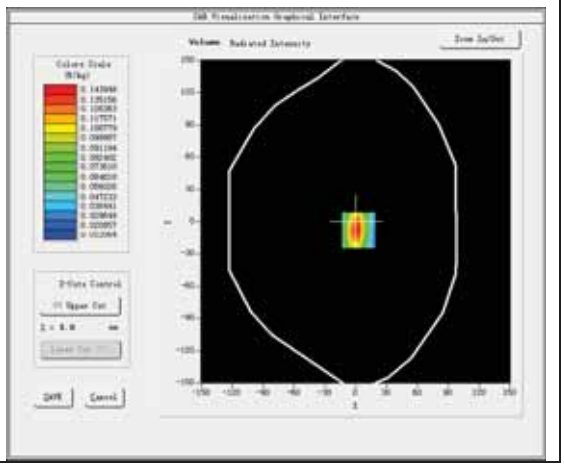
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 14
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	

B. SAR Measurement Results

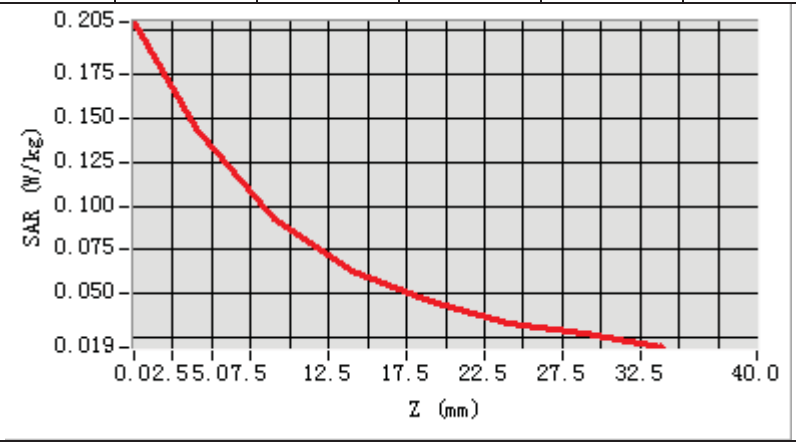
Frequency (MHz)	793.000000
Relative permittivity (real part)	39.757053
Relative permittivity (imaginary part)	20.949390
Conductivity (S/m)	0.922355
Variation (%)	0.040000

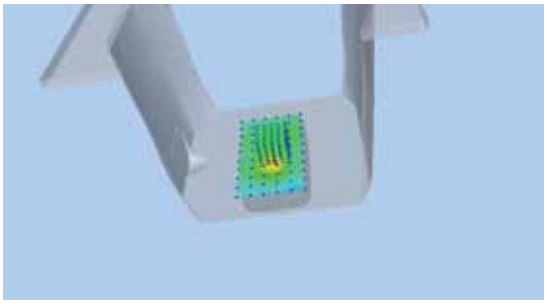
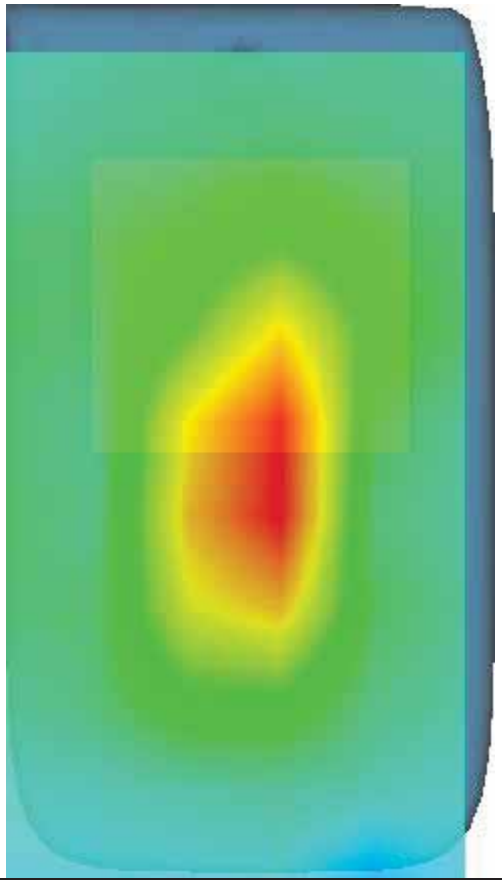
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=3.00, Y=-8.00
SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)	0.080455
SAR 1g (W/Kg)	0.141568

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2052	0.1439	0.0923	0.0628	0.0453	0.0326	0.0274



3D screen shot	Hot spot position
	

MEASUREMENT 29

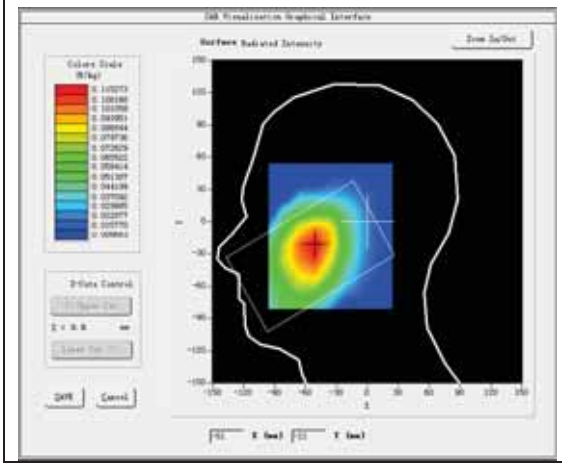
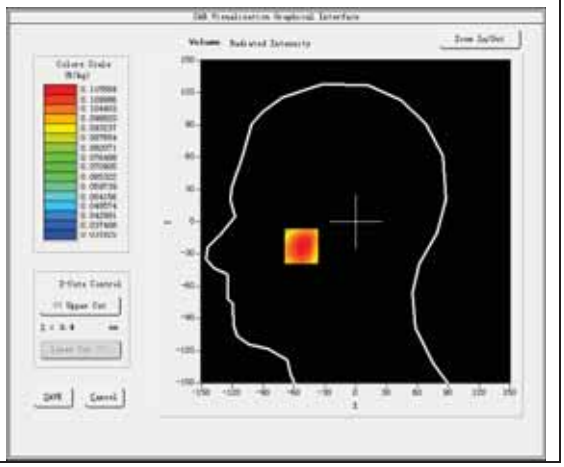
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 17
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

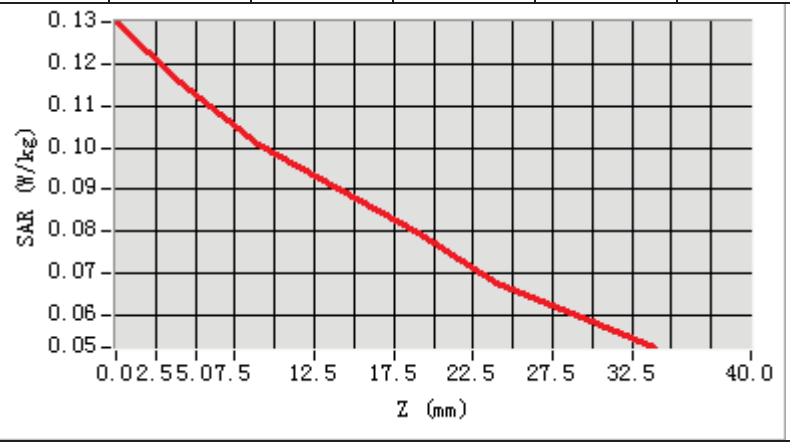
Frequency (MHz)	710.000000
Relative permittivity (real part)	40.745903
Relative permittivity (imaginary part)	21.526640
Conductivity (S/m)	0.849106
Variation (%)	-2.240000

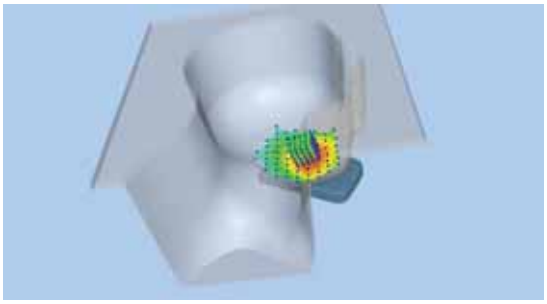
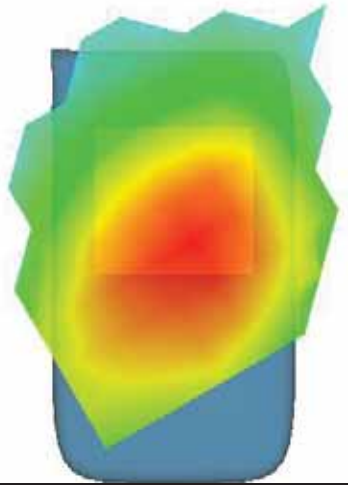
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-53.00, Y=-23.00
SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.093820
SAR 1g (W/Kg)	0.112857

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1302	0.1156	0.1009	0.0900	0.0794	0.0677	0.0600



3D screen shot	Hot spot position
	

MEASUREMENT 30

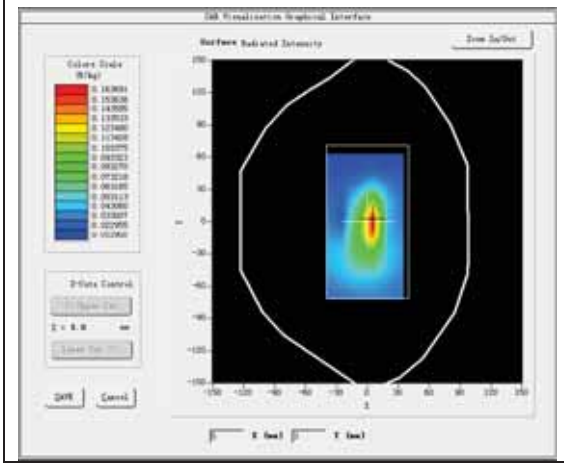
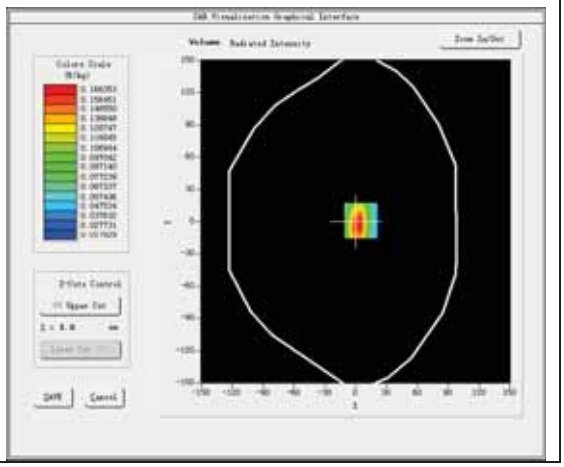
Date of measurement: 9/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 17
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.49

B. SAR Measurement Results

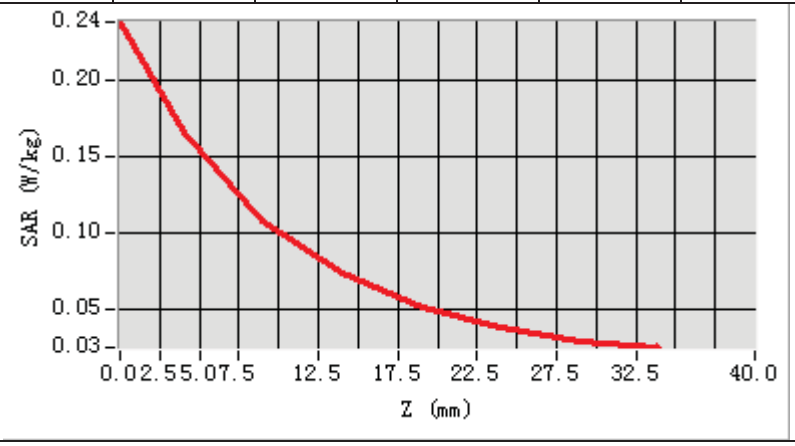
Frequency (MHz)	710.000000
Relative permittivity (real part)	40.745903
Relative permittivity (imaginary part)	21.526640
Conductivity (S/m)	0.849106
Variation (%)	-1.290000

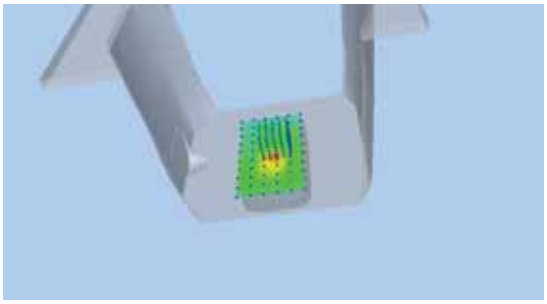
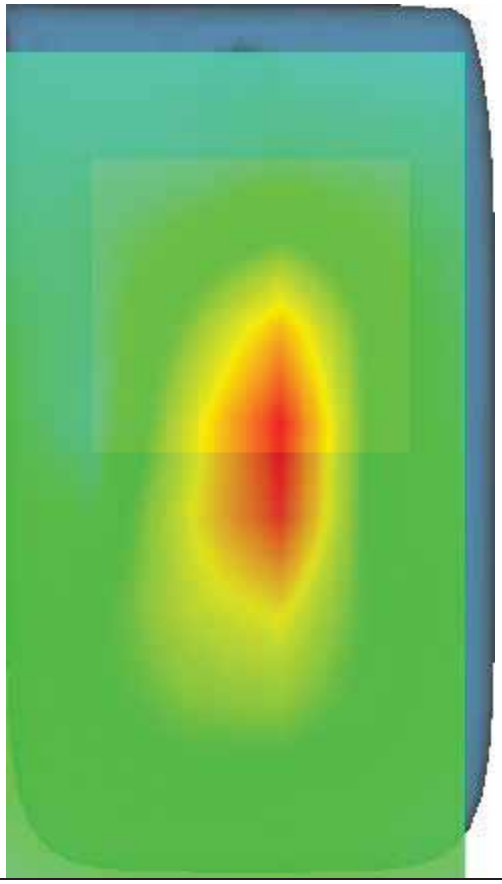
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=1.00
SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)	0.093244
SAR 1g (W/Kg)	0.162985

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2379	0.1664	0.1077	0.0737	0.0510	0.0379	0.0288



3D screen shot	Hot spot position
	

MEASUREMENT 31

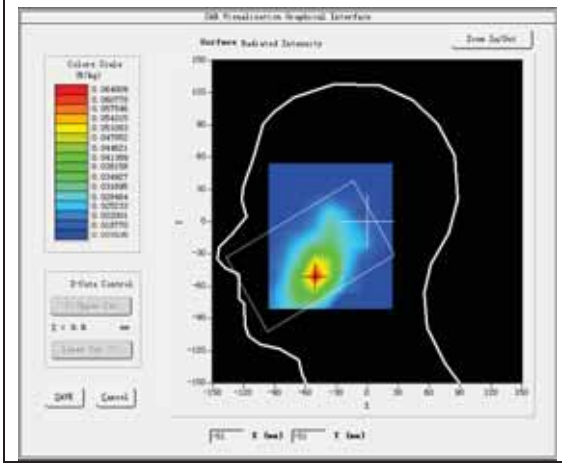
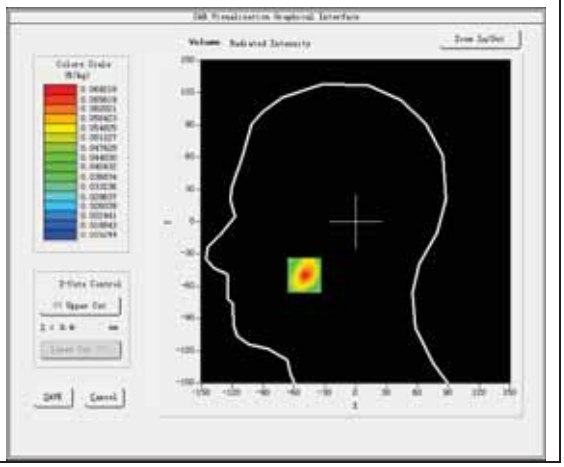
Date of measurement: 8/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 25
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.91

B. SAR Measurement Results

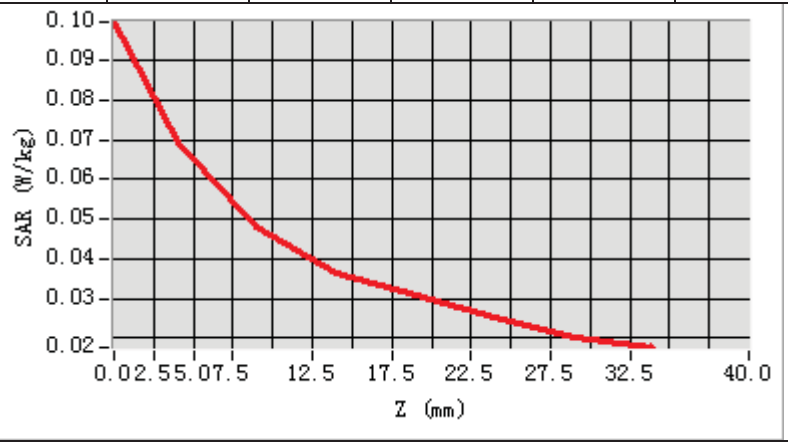
Frequency (MHz)	1882.500000
Relative permittivity (real part)	38.434566
Relative permittivity (imaginary part)	13.829894
Conductivity (S/m)	1.445992
Variation (%)	-1.580000

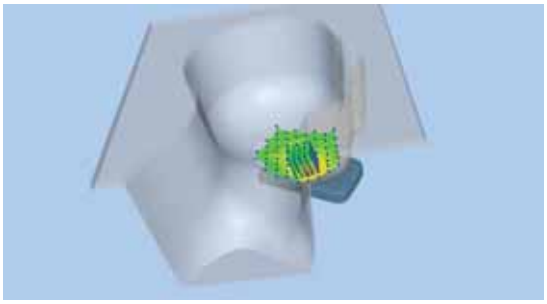
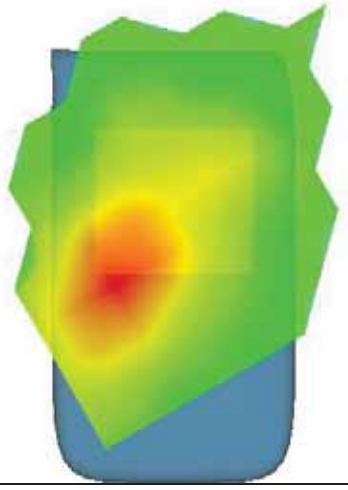
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-50.00, Y=-50.00
SAR Peak: 0.10 W/kg

SAR 10g (W/Kg)	0.044317
SAR 1g (W/Kg)	0.067911

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0996	0.0692	0.0482	0.0362	0.0308	0.0250	0.0201



3D screen shot	Hot spot position
	

MEASUREMENT 32

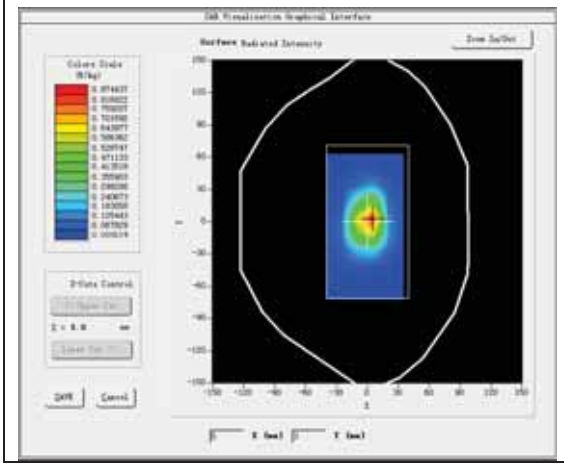
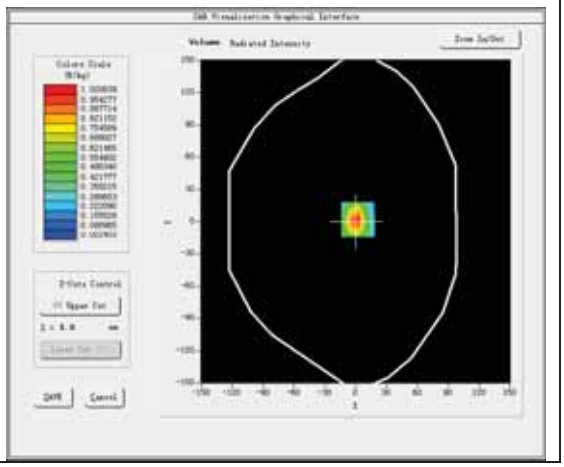
Date of measurement: 8/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Channels	Low
Signal	LTE (Crest factor: 1.0)
ConvF	1.91

B. SAR Measurement Results

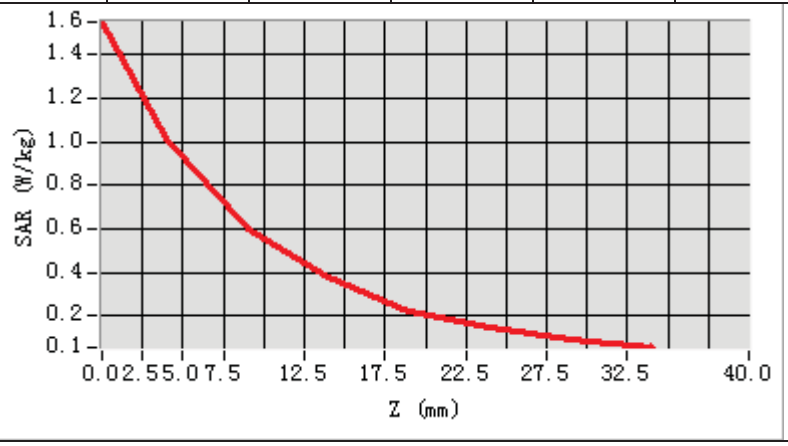
Frequency (MHz)	1860.000000
Relative permittivity (real part)	38.523464
Relative permittivity (imaginary part)	13.847594
Conductivity (S/m)	1.430918
Variation (%)	-0.850000

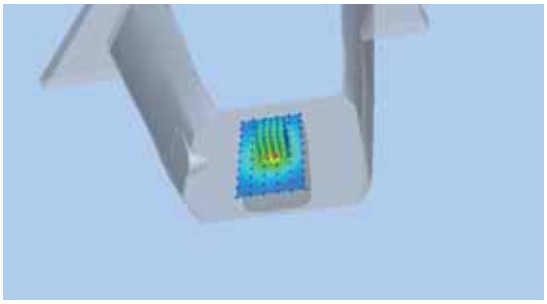
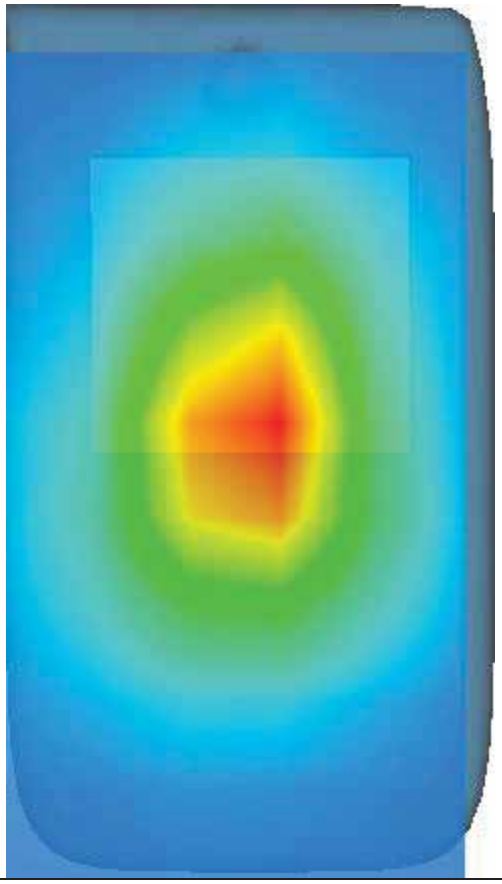
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=2.00
SAR Peak: 1.58 W/kg

SAR 10g (W/Kg)	0.504523
SAR 1g (W/Kg)	0.982354

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5518	1.0208	0.5972	0.3780	0.2255	0.1448	0.0888



3D screen shot	Hot spot position
	

MEASUREMENT 33

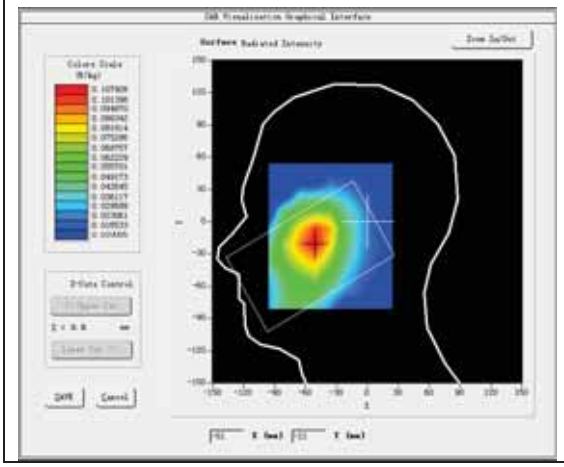
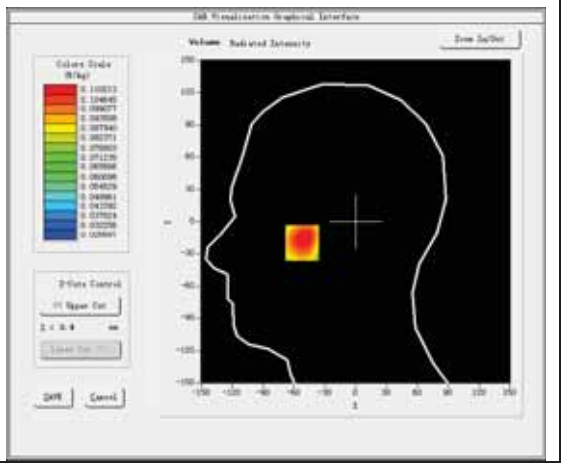
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 26A
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

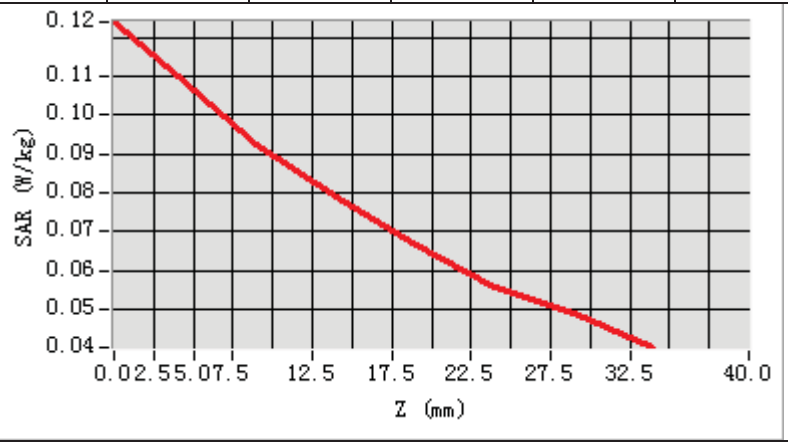
Frequency (MHz)	819.000000
Relative permittivity (real part)	41.558050
Relative permittivity (imaginary part)	19.930289
Conductivity (S/m)	0.906828
Variation (%)	-0.170000

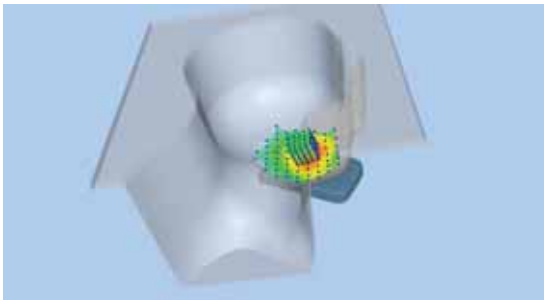
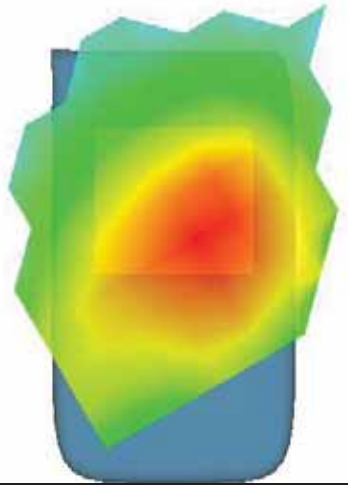
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-52.00, Y=-19.00
SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)	0.086343
SAR 1g (W/Kg)	0.110166

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1241	0.1102	0.0925	0.0792	0.0663	0.0555	0.0491



3D screen shot	Hot spot position
	

MEASUREMENT 34

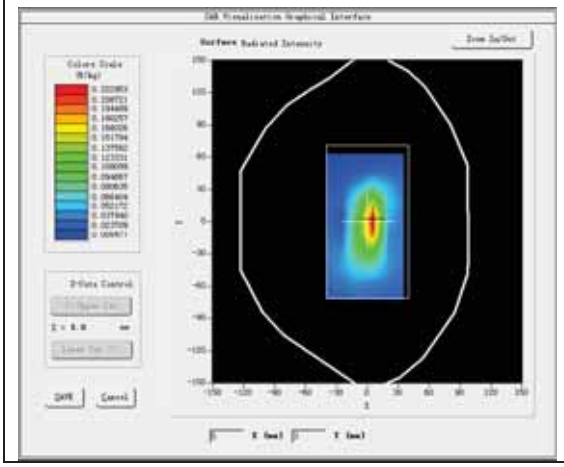
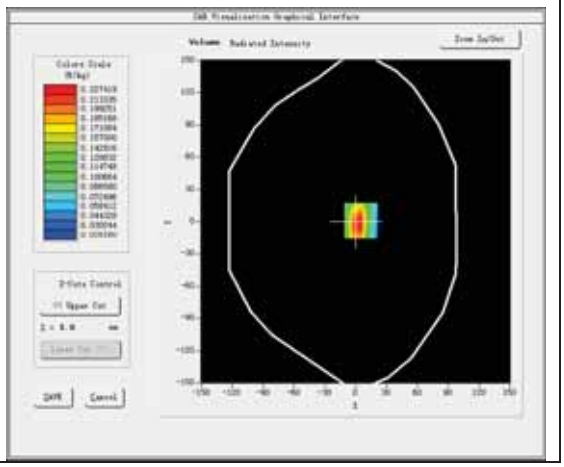
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 26A
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

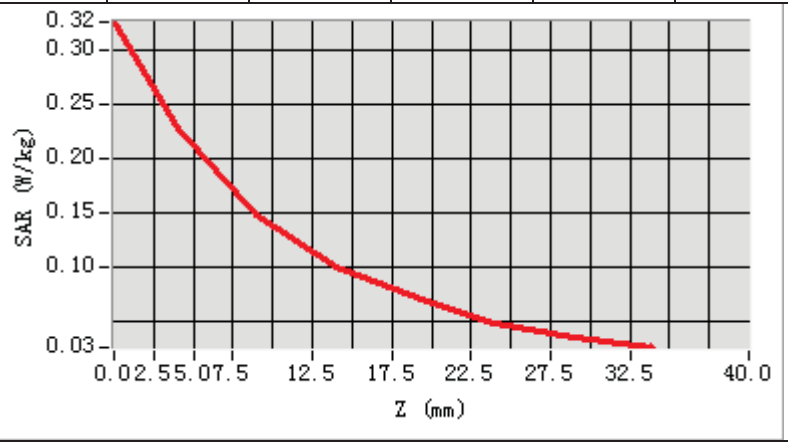
Frequency (MHz)	819.000000
Relative permittivity (real part)	41.558050
Relative permittivity (imaginary part)	19.930289
Conductivity (S/m)	0.906828
Variation (%)	0.290000

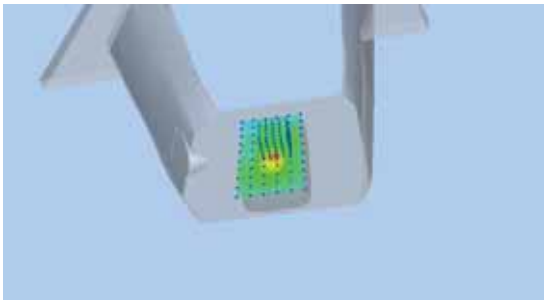
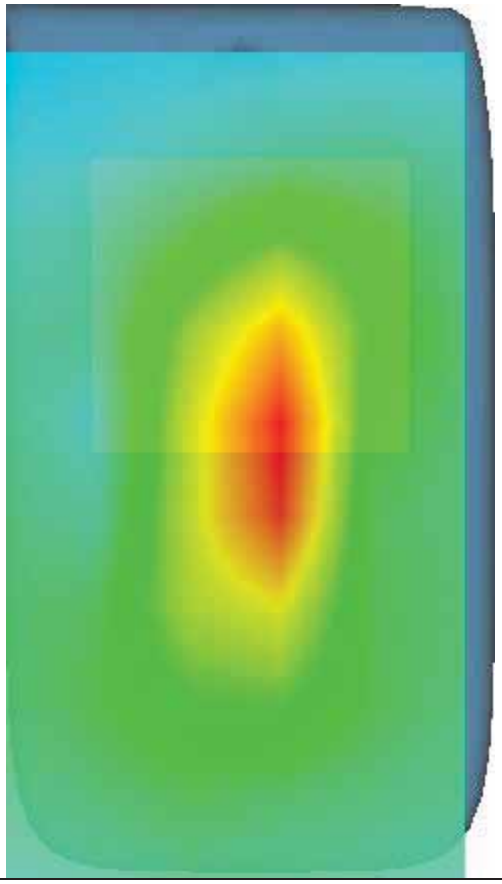
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=1.00
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.128739
SAR 1g (W/Kg)	0.229754

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3249	0.2274	0.1491	0.1005	0.0727	0.0497	0.0359



3D screen shot	Hot spot position
	

MEASUREMENT 35

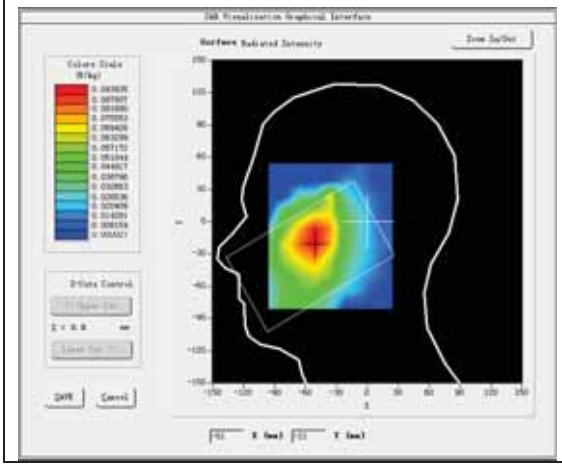
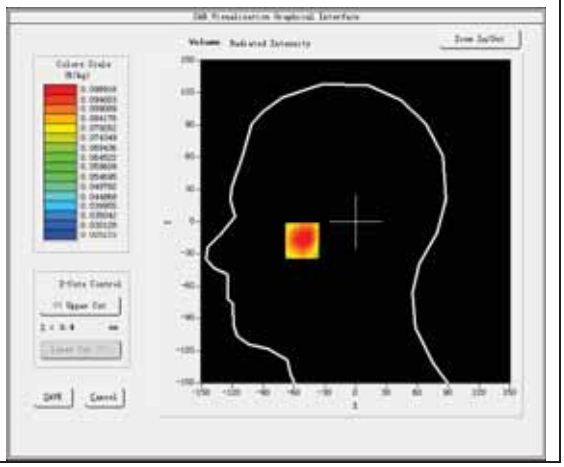
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 26B
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

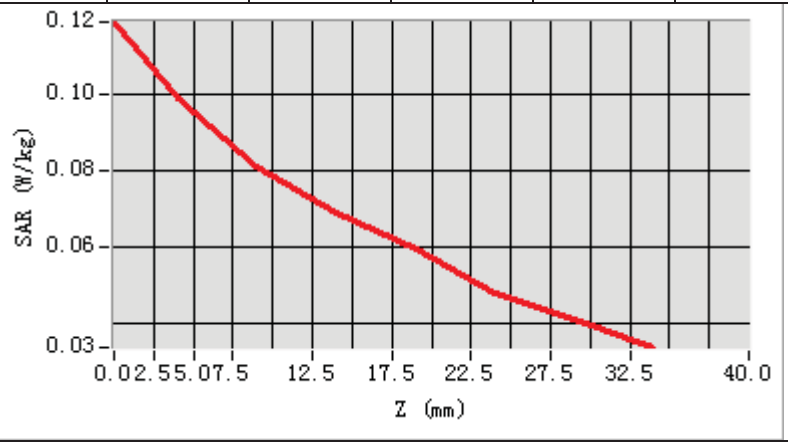
Frequency (MHz)	831.500000
Relative permittivity (real part)	41.342098
Relative permittivity (imaginary part)	19.936239
Conductivity (S/m)	0.920943
Variation (%)	-0.740000

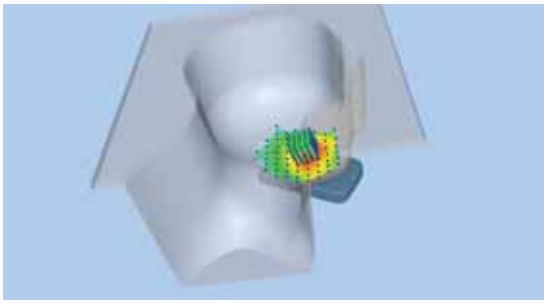
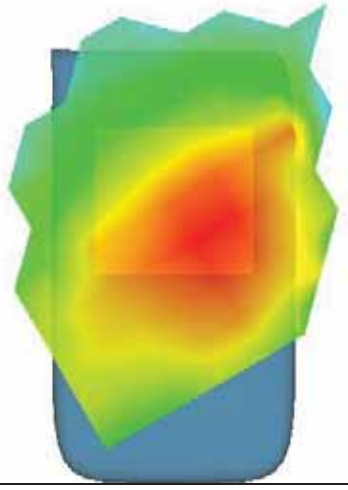
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-52.00, Y=-17.00
SAR Peak: 0.13 W/kg

SAR 10g (W/Kg)	0.076489
SAR 1g (W/Kg)	0.099782

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.1190	0.0989	0.0812	0.0690	0.0595	0.0479	0.0411



3D screen shot	Hot spot position
	

MEASUREMENT 36

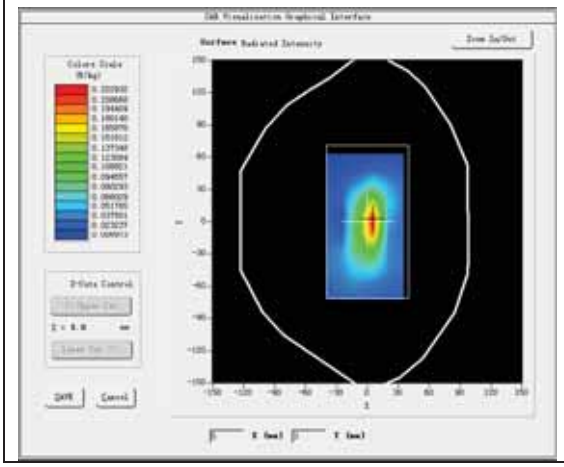
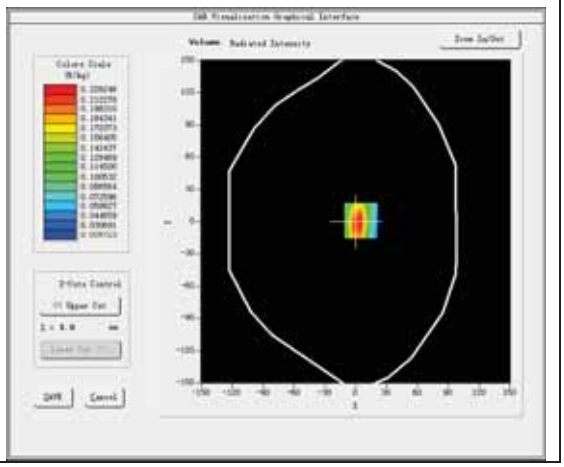
Date of measurement: 10/10/2022

A. Experimental conditions.

Area Scan	dx=15mm dy=15mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 26B
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.50

B. SAR Measurement Results

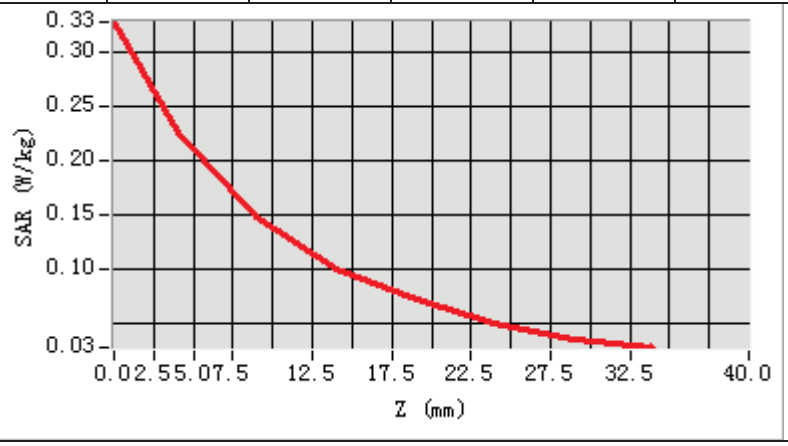
Frequency (MHz)	831.500000
Relative permittivity (real part)	41.342098
Relative permittivity (imaginary part)	19.936239
Conductivity (S/m)	0.920943
Variation (%)	0.490000

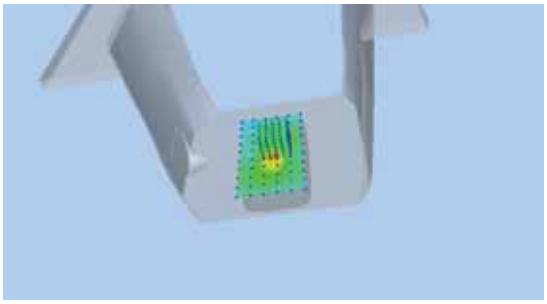
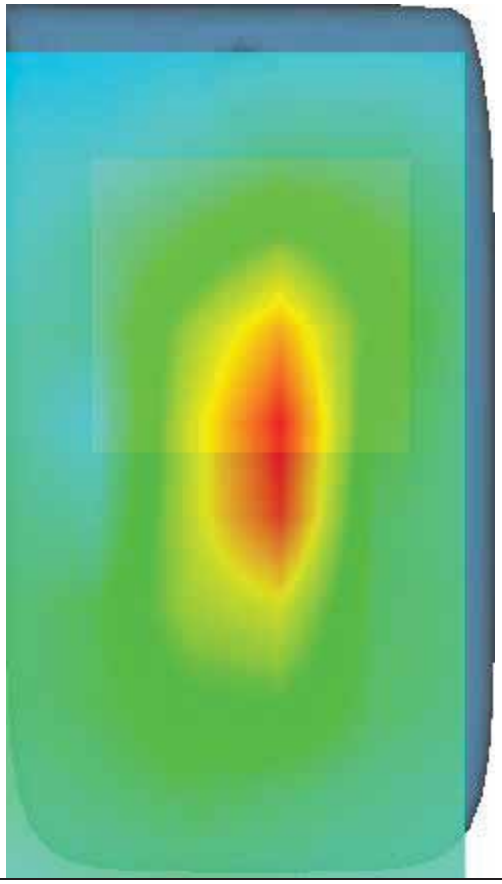
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=5.00, Y=1.00
SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)	0.128232
SAR 1g (W/Kg)	0.226582

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3273	0.2262	0.1475	0.0998	0.0727	0.0494	0.0352



3D screen shot	Hot spot position
	

MEASUREMENT 37

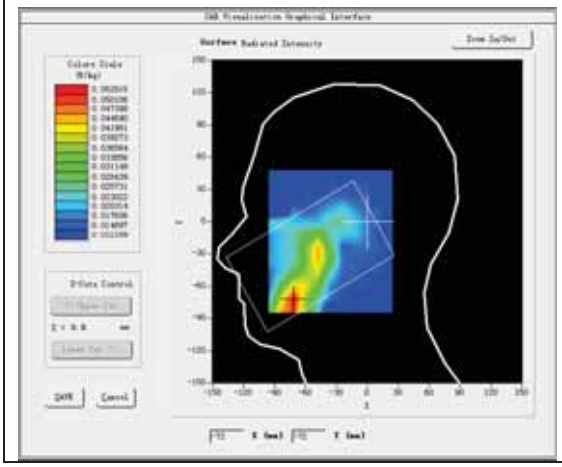
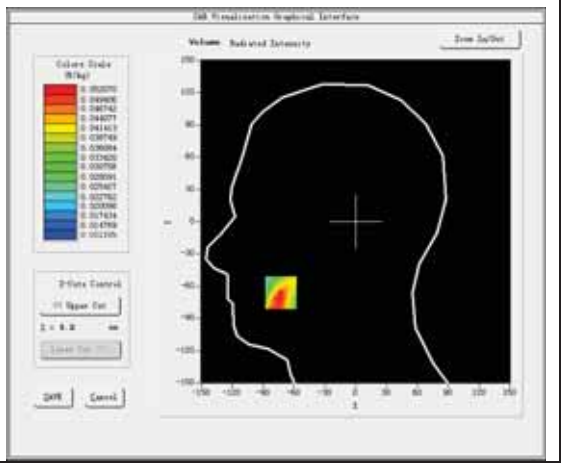
Date of measurement: 18/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 30
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.92

B. SAR Measurement Results

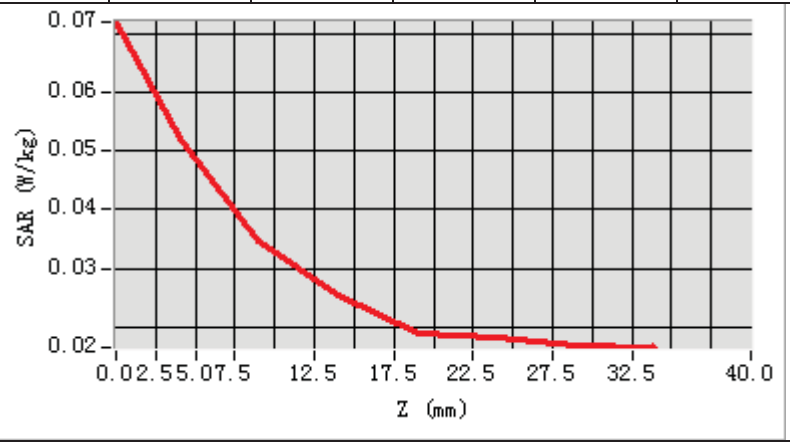
Frequency (MHz)	2310.000000
Relative permittivity (real part)	38.357861
Relative permittivity (imaginary part)	12.993969
Conductivity (S/m)	1.667559
Variation (%)	-1.210000

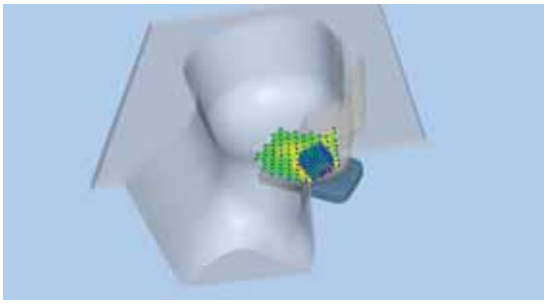
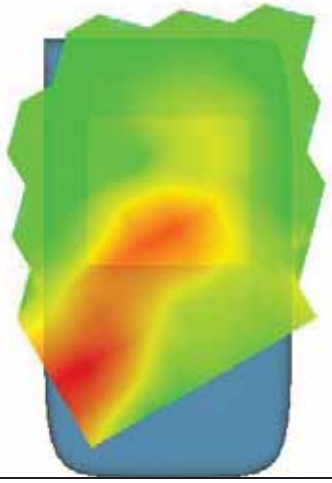
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-73.00, Y=-66.00
SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.033133
SAR 1g (W/Kg)	0.047766

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0720	0.0521	0.0347	0.0255	0.0188	0.0183	0.0168



3D screen shot	Hot spot position
	

MEASUREMENT 38

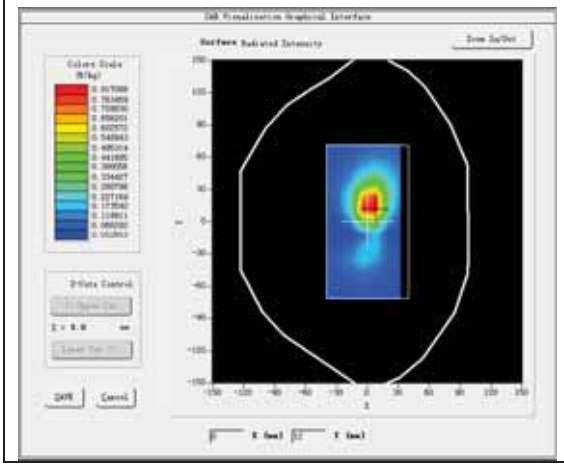
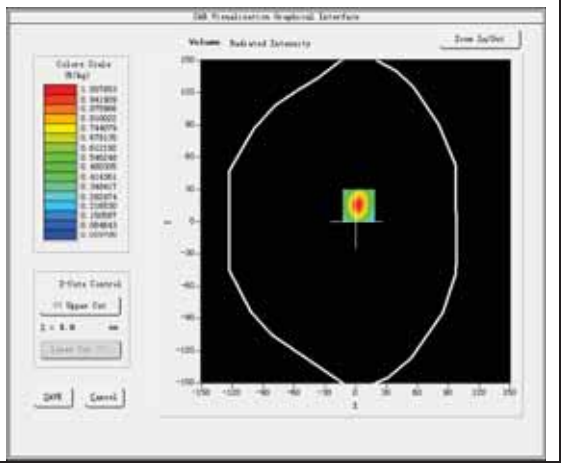
Date of measurement: 18/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 30
Channels	Middle
Signal	LTE (Crest factor: 1.0)
ConvF	1.92

B. SAR Measurement Results

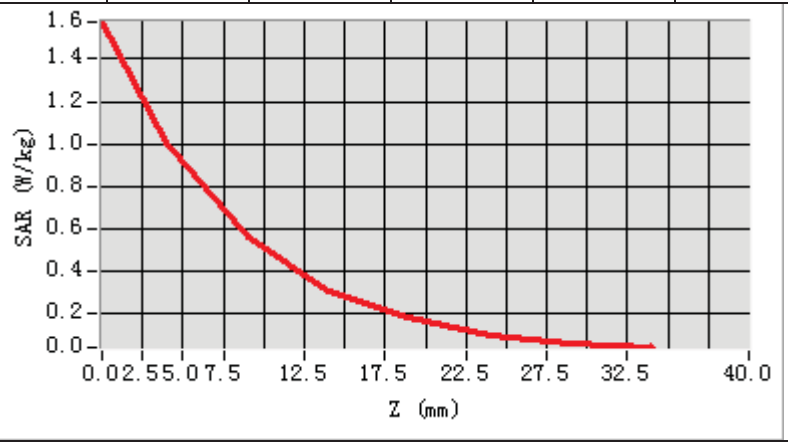
Frequency (MHz)	2310.000000
Relative permittivity (real part)	38.357861
Relative permittivity (imaginary part)	12.993969
Conductivity (S/m)	1.667559
Variation (%)	-3.320000

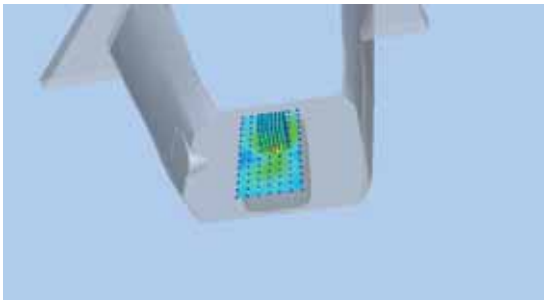
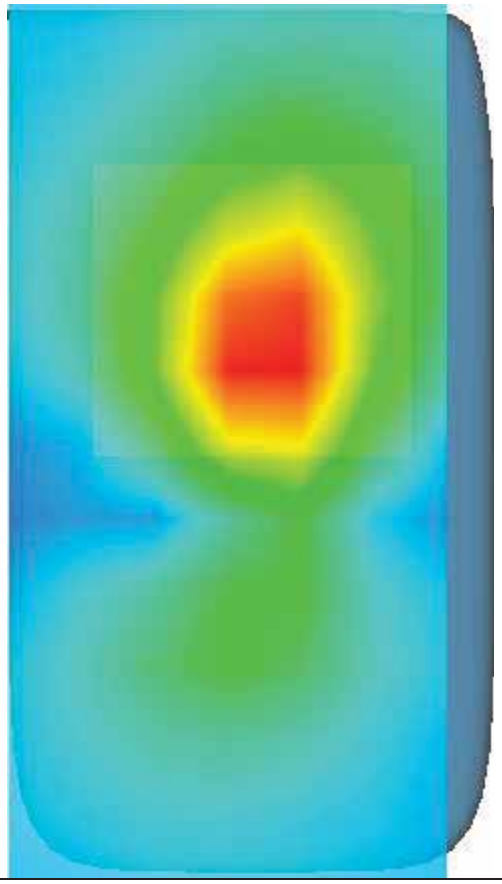
SURFACE SAR	VOLUME SAR
	

Maximum location: X=3.00, Y=15.00
SAR Peak: 1.57 W/kg

SAR 10g (W/Kg)	0.466323
SAR 1g (W/Kg)	0.926672

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.5750	1.0079	0.5614	0.3106	0.1791	0.1010	0.0619



3D screen shot	Hot spot position
	

MEASUREMENT 39

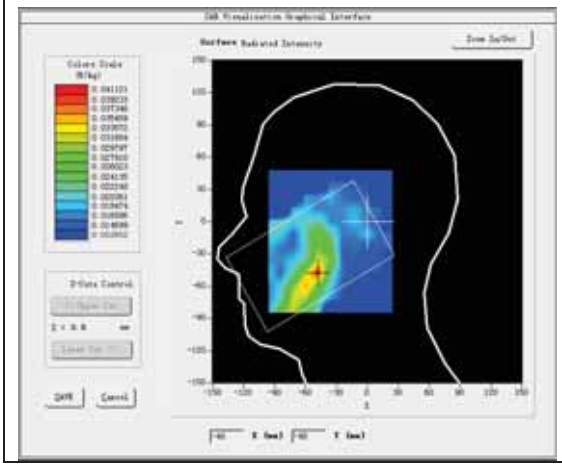
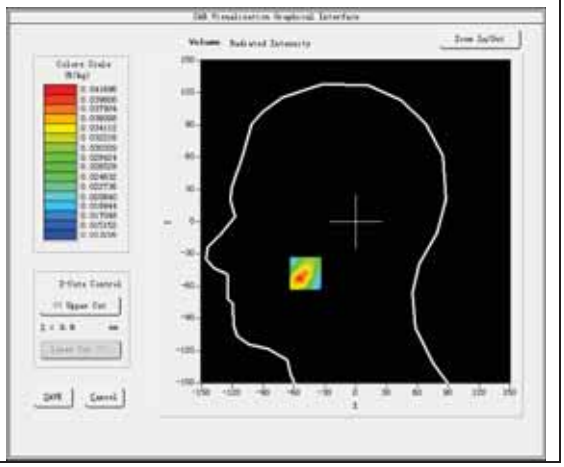
Date of measurement: 22/9/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 38
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.87

B. SAR Measurement Results

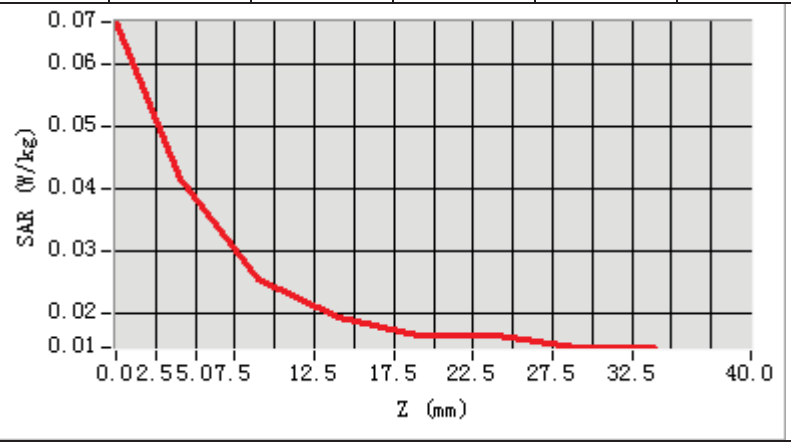
Frequency (MHz)	2595.000000
Relative permittivity (real part)	37.653252
Relative permittivity (imaginary part)	13.325035
Conductivity (S/m)	1.921026
Variation (%)	-2.690000

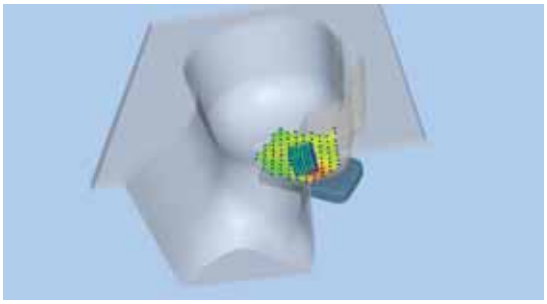
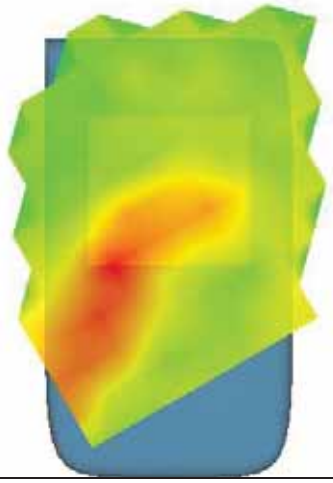
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-49.00, Y=-48.00
SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.025633
SAR 1g (W/Kg)	0.038028

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0667	0.0417	0.0255	0.0196	0.0166	0.0165	0.0147



3D screen shot	Hot spot position
	

MEASUREMENT 40

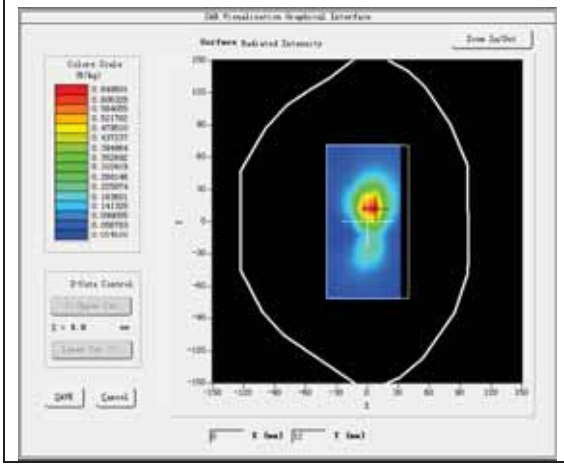
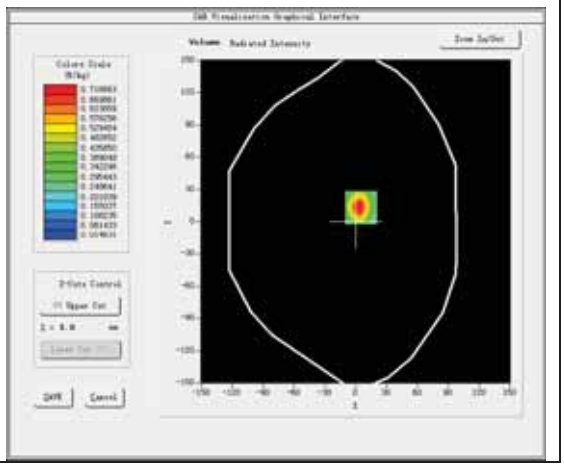
Date of measurement: 22/9/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 38
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.87

B. SAR Measurement Results

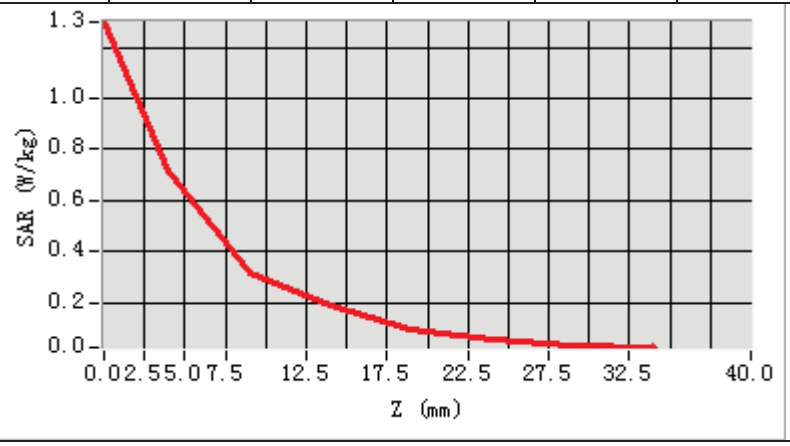
Frequency (MHz)	2595.000000
Relative permittivity (real part)	37.653252
Relative permittivity (imaginary part)	13.325035
Conductivity (S/m)	1.921026
Variation (%)	-1.790000

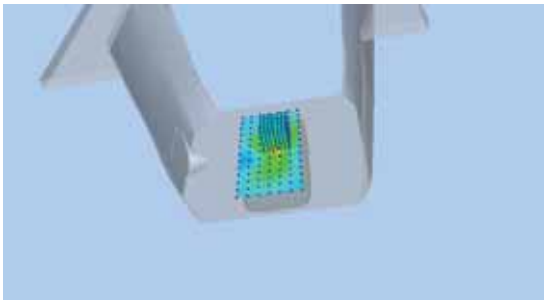
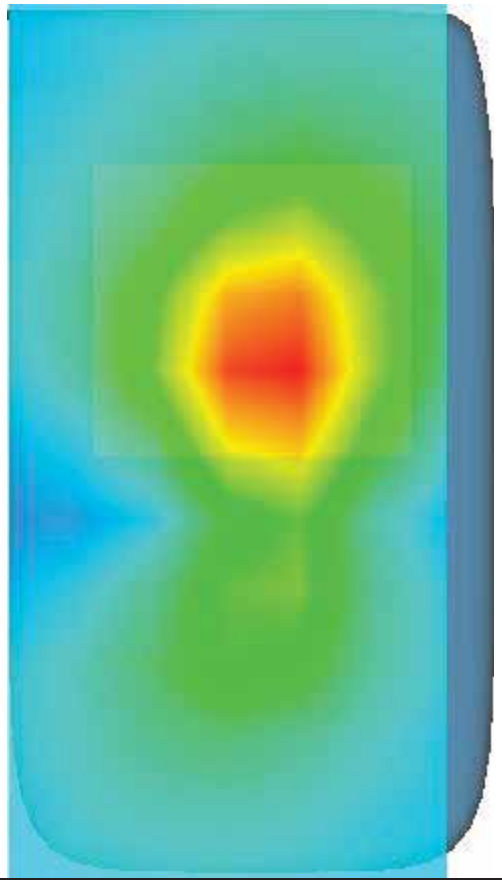
SURFACE SAR	VOLUME SAR
	

Maximum location: X=5.00, Y=13.00
SAR Peak: 1.20 W/kg

SAR 10g (W/Kg)	0.328311
SAR 1g (W/Kg)	0.678241

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.2990	0.7167	0.3131	0.1904	0.0905	0.0530	0.0326



3D screen shot	Hot spot position
	

MEASUREMENT 41

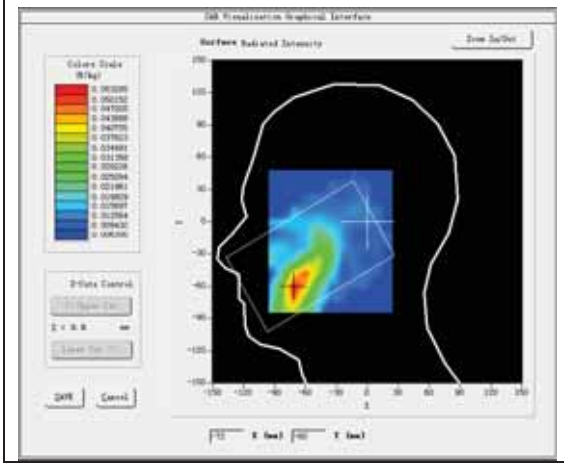
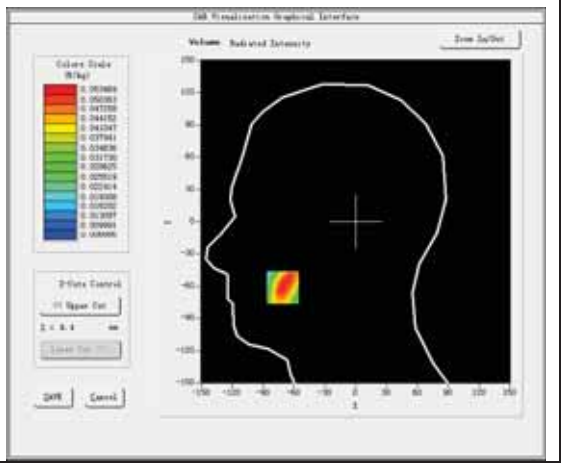
Date of measurement: 18/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 40A
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.92

B. SAR Measurement Results

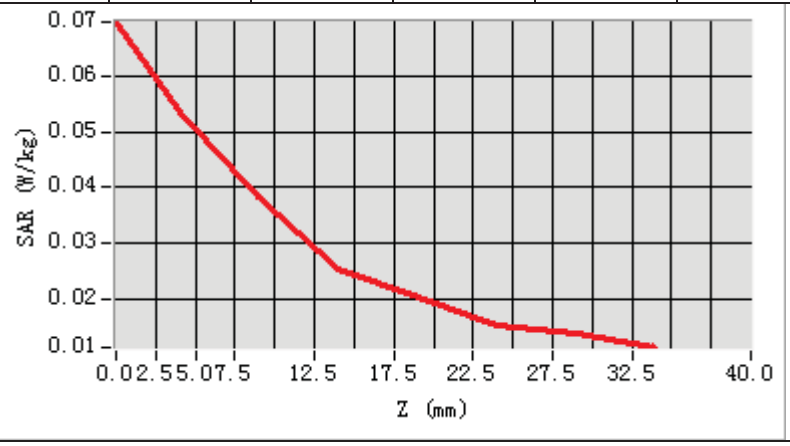
Frequency (MHz)	2310.000000
Relative permittivity (real part)	38.357861
Relative permittivity (imaginary part)	12.993969
Conductivity (S/m)	1.667559
Variation (%)	-0.890000

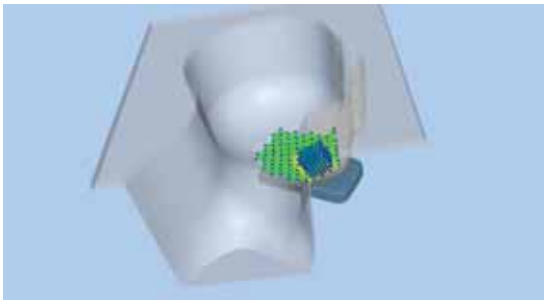
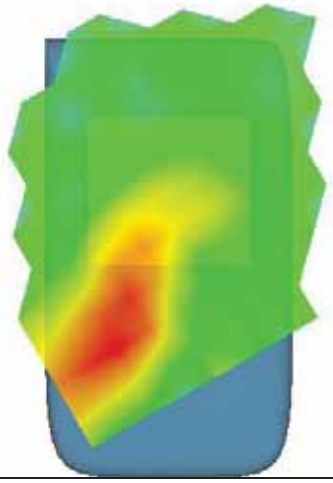
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-71.00, Y=-61.00
SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.032691
SAR 1g (W/Kg)	0.050574

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0697	0.0535	0.0381	0.0255	0.0202	0.0154	0.0136



3D screen shot	Hot spot position
	

MEASUREMENT 42

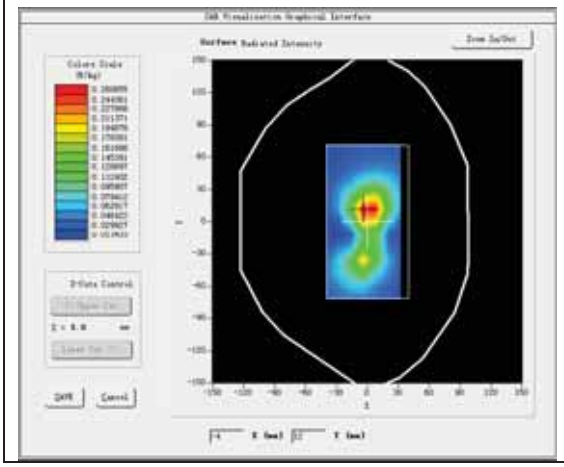
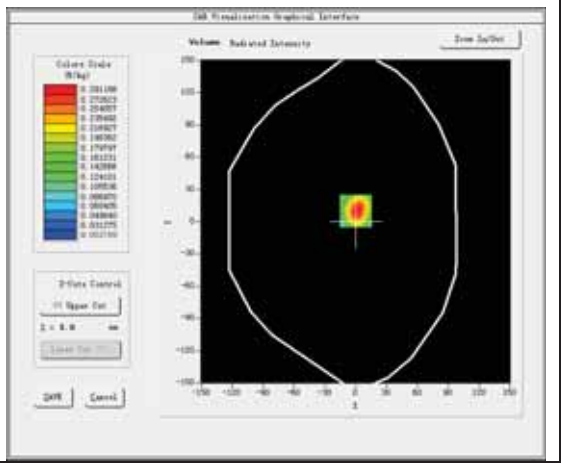
Date of measurement: 18/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 40A
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.92

B. SAR Measurement Results

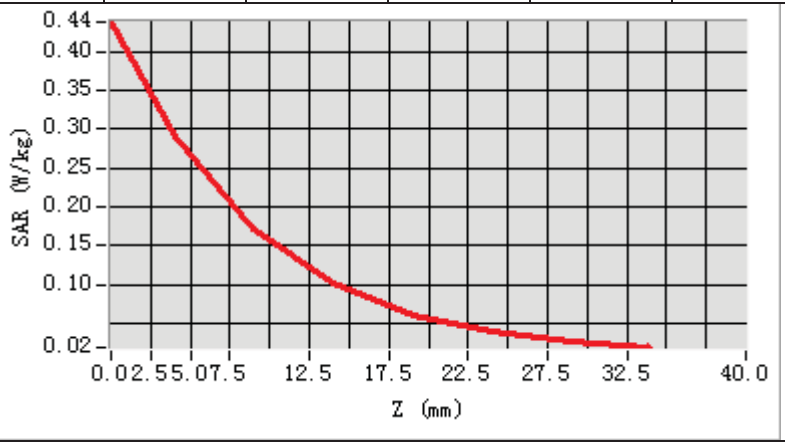
Frequency (MHz)	2310.000000
Relative permittivity (real part)	38.357861
Relative permittivity (imaginary part)	12.993969
Conductivity (S/m)	1.667559
Variation (%)	-1.460000

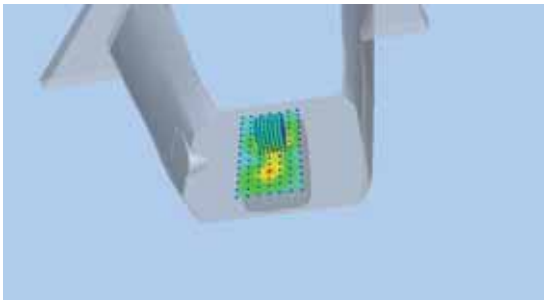
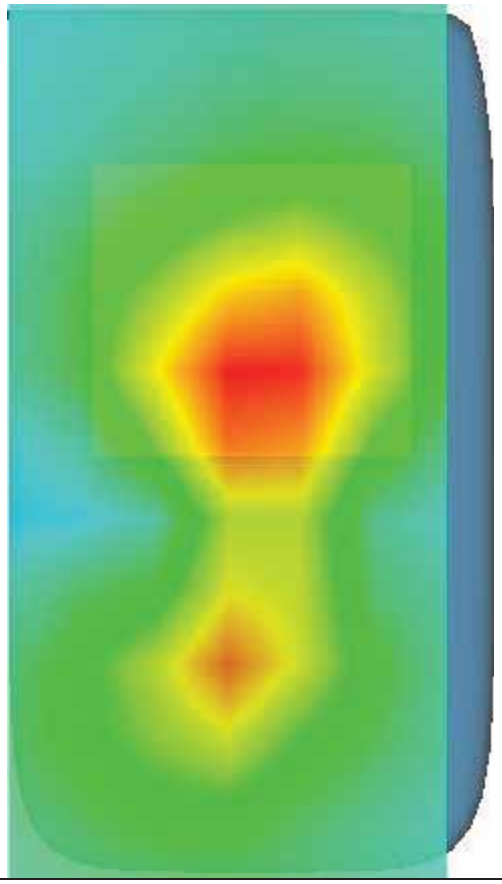
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=10.00
SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.148424
SAR 1g (W/Kg)	0.272231

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4384	0.2912	0.1713	0.1013	0.0611	0.0409	0.0266



3D screen shot	Hot spot position
	

MEASUREMENT 43

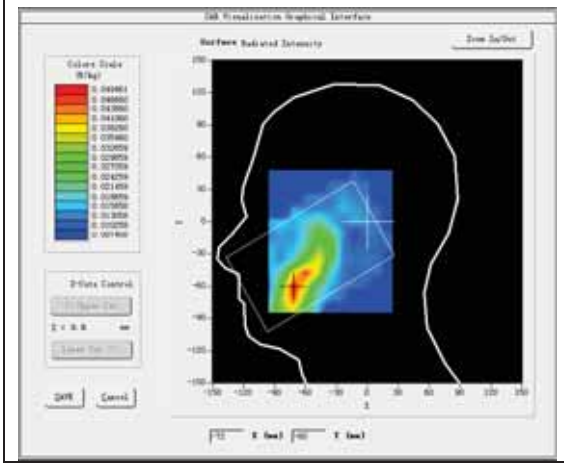
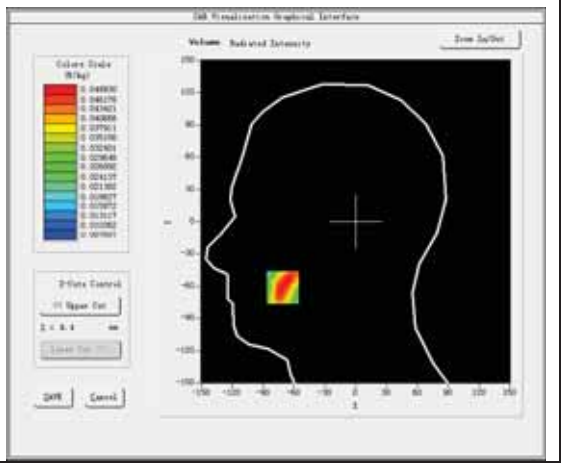
Date of measurement: 18/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 40B
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.92

B. SAR Measurement Results

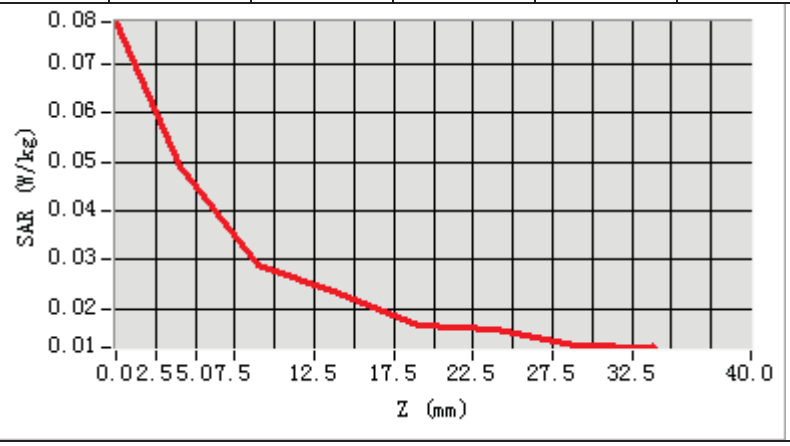
Frequency (MHz)	2355.000000
Relative permittivity (real part)	38.240662
Relative permittivity (imaginary part)	13.133169
Conductivity (S/m)	1.718256
Variation (%)	-3.490000

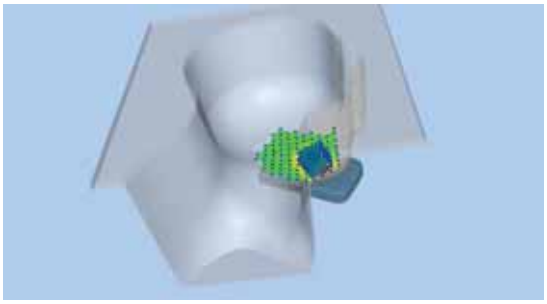
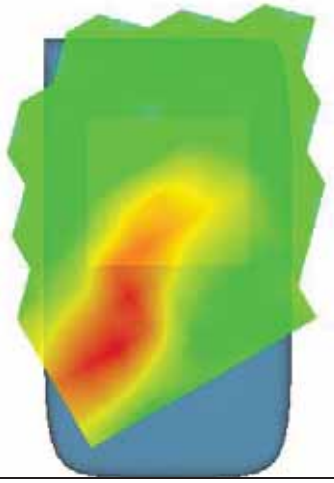
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-71.00, Y=-61.00
SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.030196
SAR 1g (W/Kg)	0.047624

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0786	0.0489	0.0288	0.0232	0.0167	0.0159	0.0124



3D screen shot	Hot spot position
	

MEASUREMENT 44

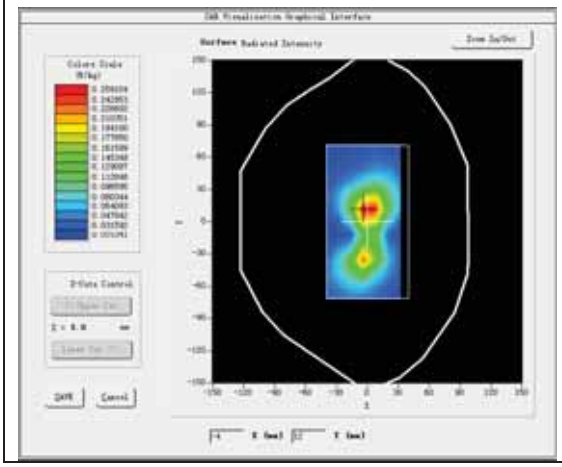
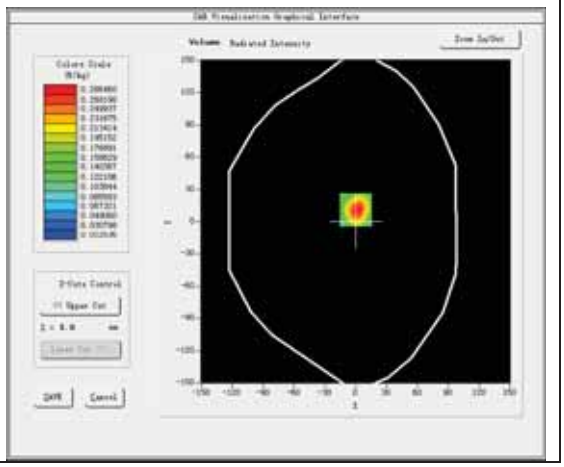
Date of measurement: 18/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 40B
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.92

B. SAR Measurement Results

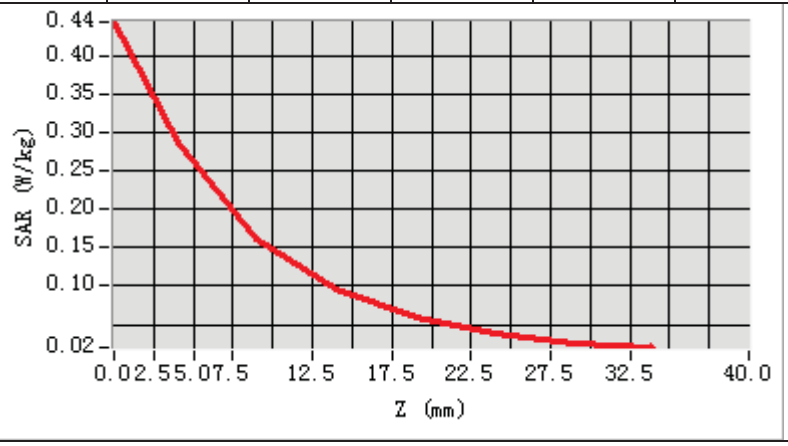
Frequency (MHz)	2355.000000
Relative permittivity (real part)	38.240662
Relative permittivity (imaginary part)	13.133169
Conductivity (S/m)	1.718256
Variation (%)	-1.200000

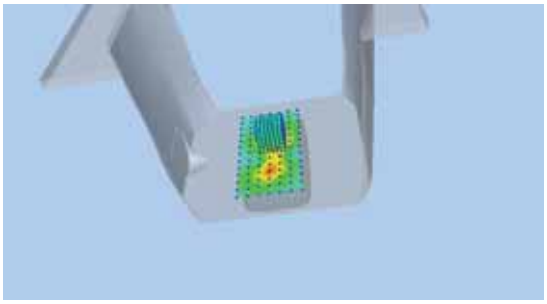
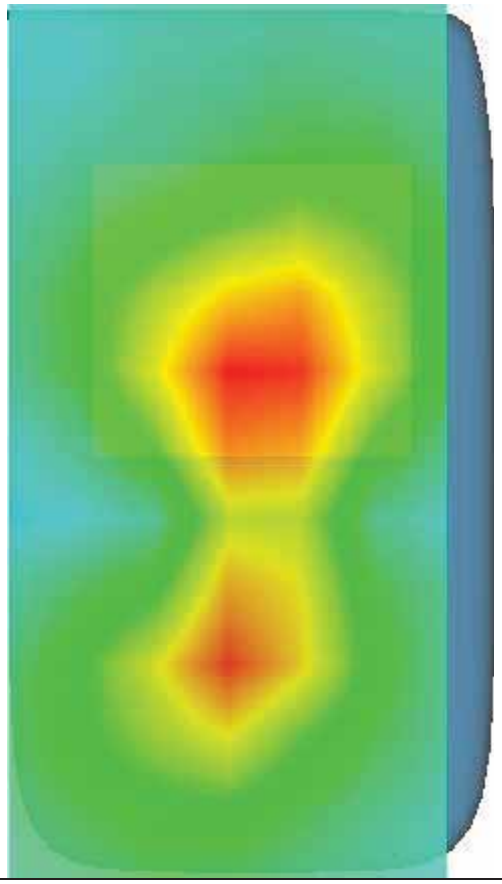
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=11.00
SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.144900
SAR 1g (W/Kg)	0.269367

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4444	0.2865	0.1627	0.0961	0.0585	0.0378	0.0262



3D screen shot	Hot spot position
	

MEASUREMENT 45

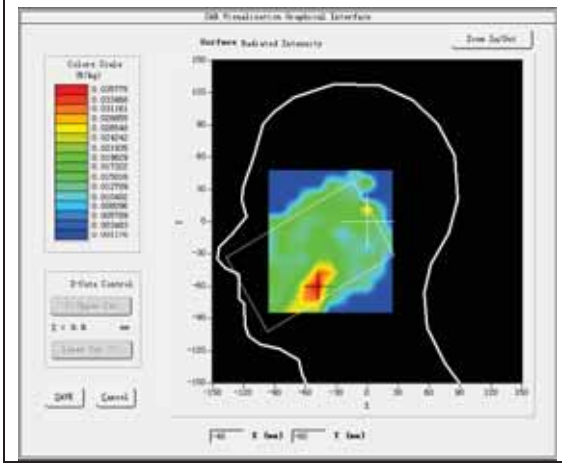
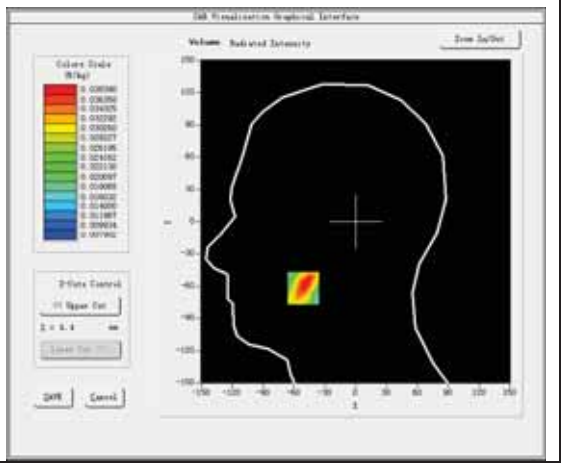
Date of measurement: 2/11/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 41
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.87

B. SAR Measurement Results

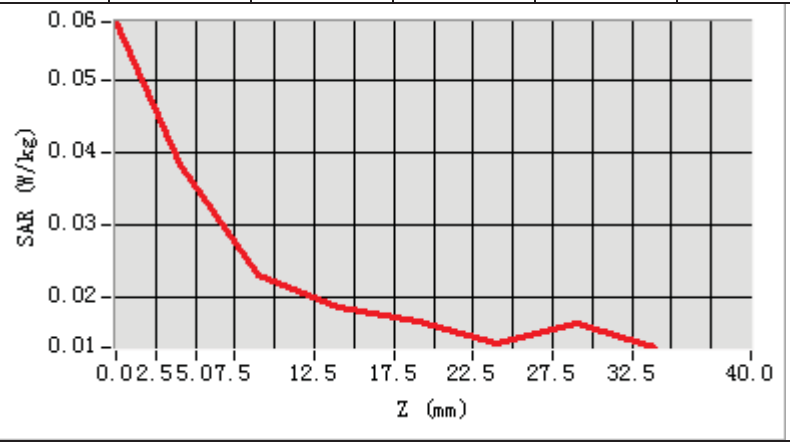
Frequency (MHz)	2593.000000
Relative permittivity (real part)	37.739651
Relative permittivity (imaginary part)	13.274835
Conductivity (S/m)	1.912314
Variation (%)	3.870000

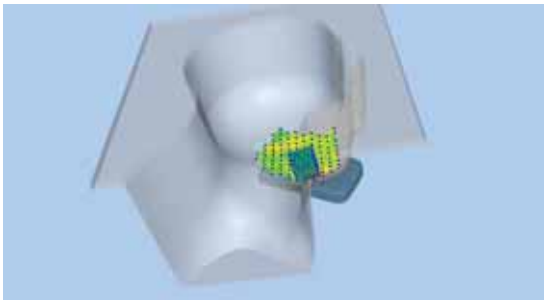
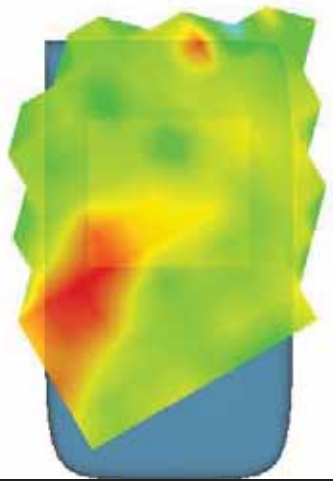
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-51.00, Y=-62.00
SAR Peak: 0.06 W/kg

SAR 10g (W/Kg)	0.024328
SAR 1g (W/Kg)	0.034130

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0581	0.0384	0.0232	0.0185	0.0166	0.0136	0.0164



3D screen shot	Hot spot position
	

MEASUREMENT 46

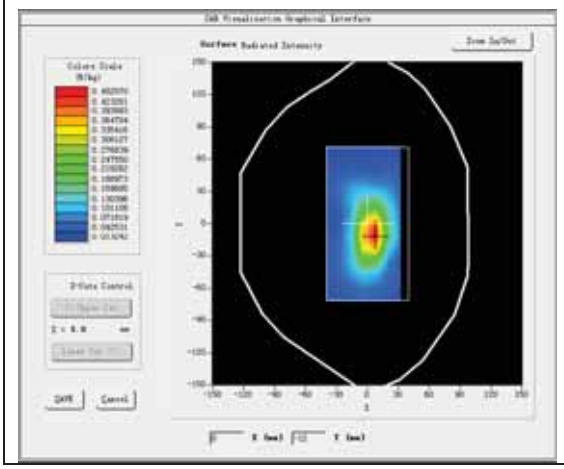
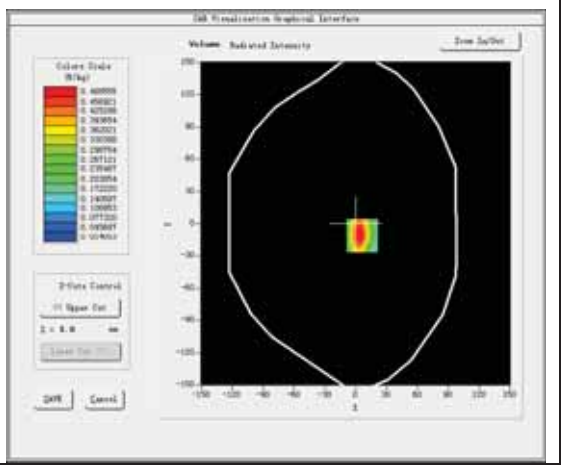
Date of measurement: 2/11/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.87

B. SAR Measurement Results

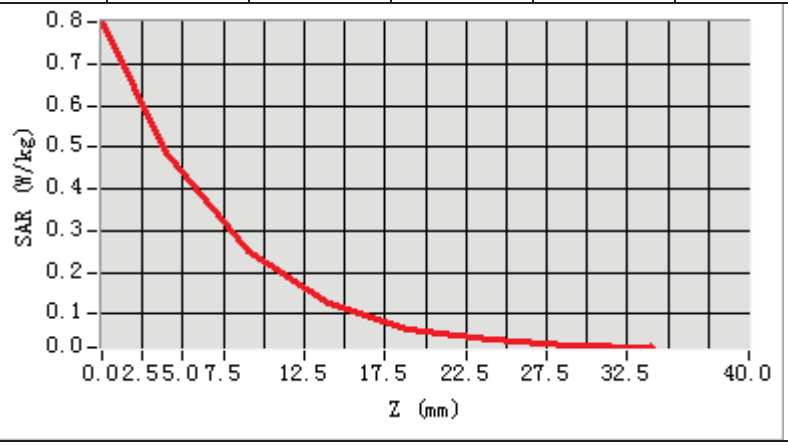
Frequency (MHz)	2593.000000
Relative permittivity (real part)	37.739651
Relative permittivity (imaginary part)	13.274835
Conductivity (S/m)	1.912314
Variation (%)	0.320000

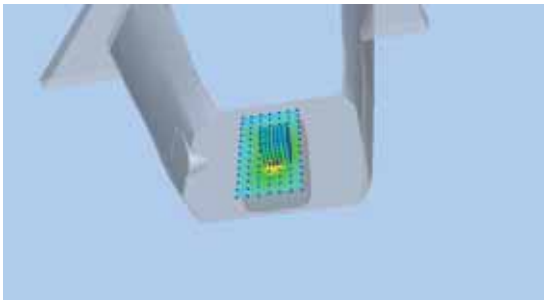
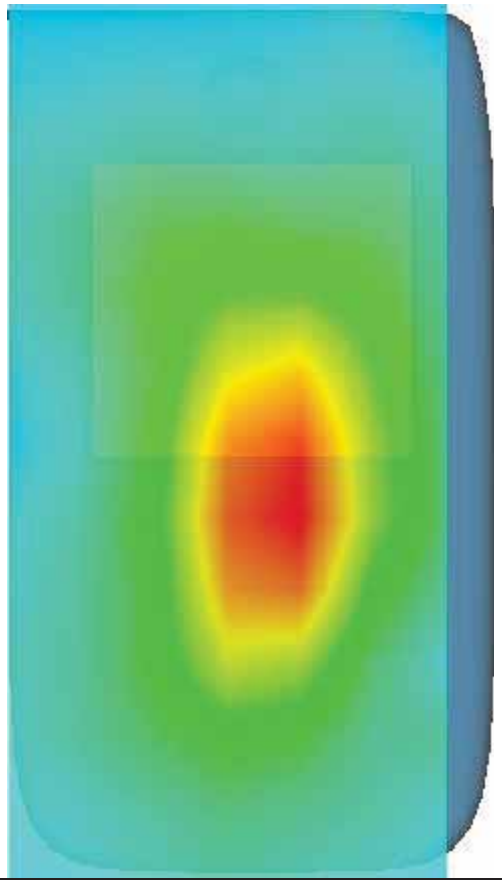
SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=-11.00
SAR Peak: 0.82 W/kg

SAR 10g (W/Kg)	0.230468
SAR 1g (W/Kg)	0.464291

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8015	0.4886	0.2496	0.1248	0.0649	0.0400	0.0263



3D screen shot	Hot spot position
	

MEASUREMENT 47

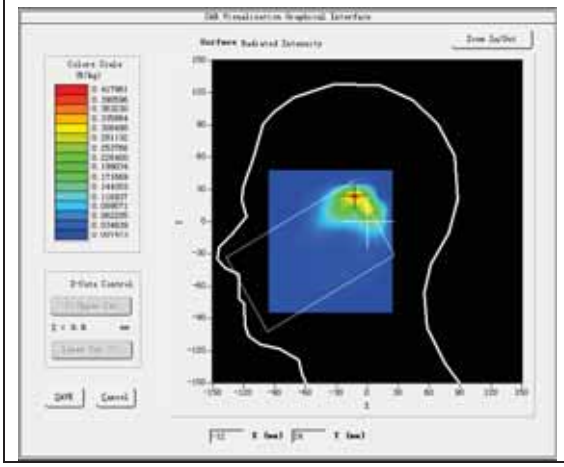
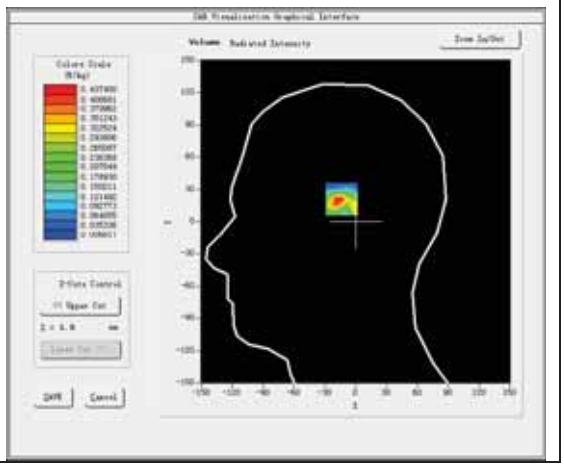
Date of measurement: 11/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 42
Channels	High
Signal	LTE (Crest factor: 1.6)
ConvF	1.85

B. SAR Measurement Results

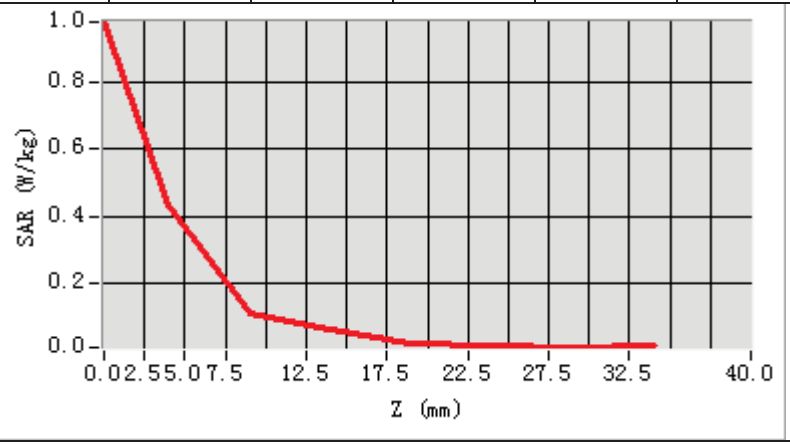
Frequency (MHz)	3540.000000
Relative permittivity (real part)	38.004015
Relative permittivity (imaginary part)	14.436488
Conductivity (S/m)	2.839176
Variation (%)	-0.870000

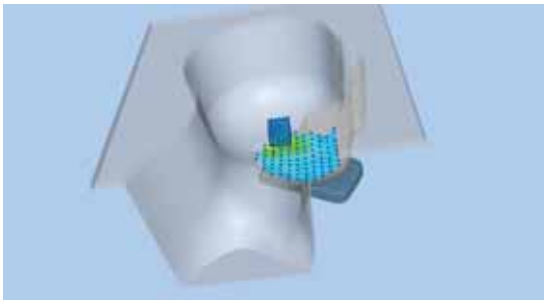
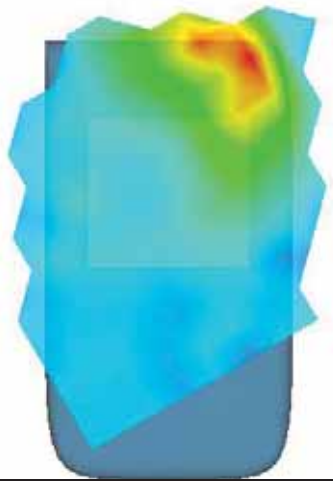
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-12.00, Y=23.00
SAR Peak: 0.91 W/kg

SAR 10g (W/Kg)	0.142291
SAR 1g (W/Kg)	0.396230

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9772	0.4374	0.1104	0.0658	0.0222	0.0178	0.0118



3D screen shot	Hot spot position
	

MEASUREMENT 48

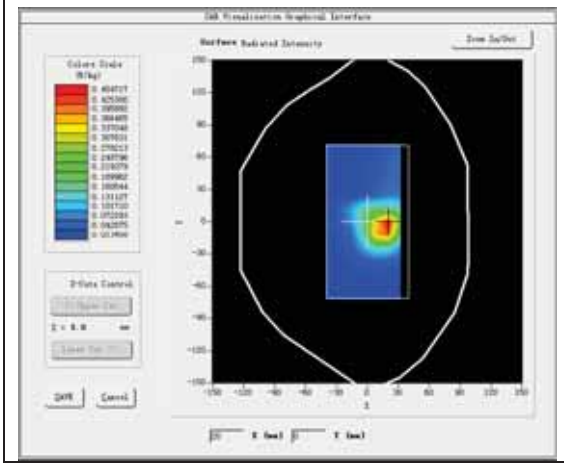
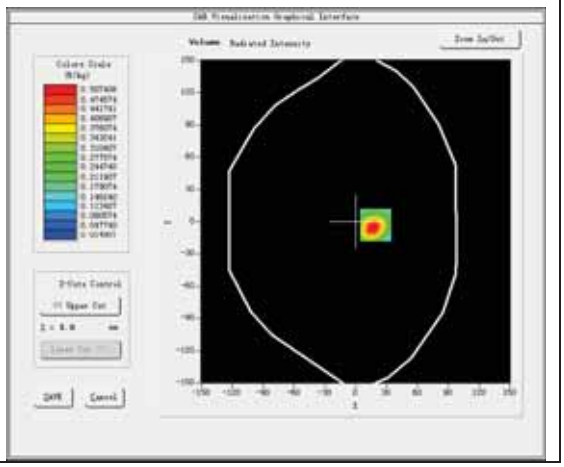
Date of measurement: 11/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 42
Channels	High
Signal	LTE (Crest factor: 1.6)
ConvF	1.85

B. SAR Measurement Results

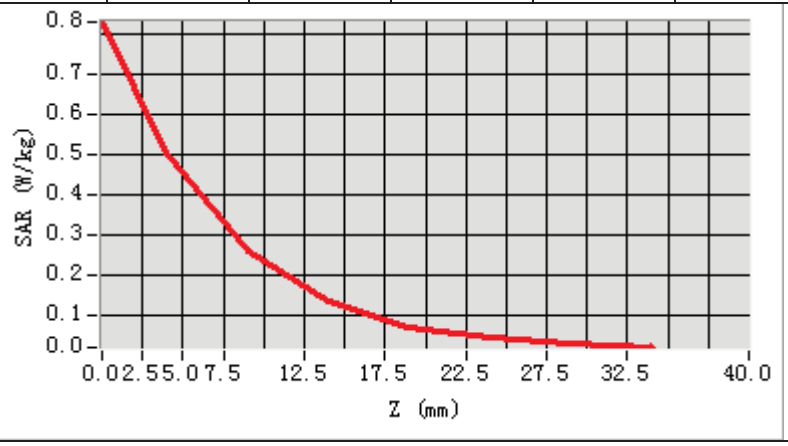
Frequency (MHz)	3540.000000
Relative permittivity (real part)	38.004015
Relative permittivity (imaginary part)	14.436488
Conductivity (S/m)	2.839176
Variation (%)	0.820000

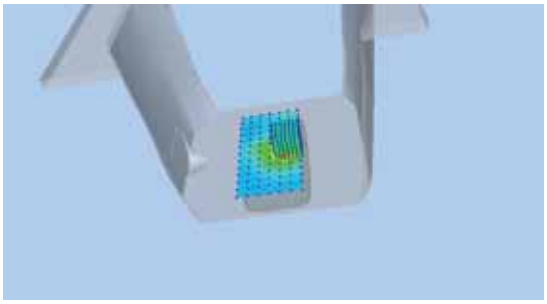
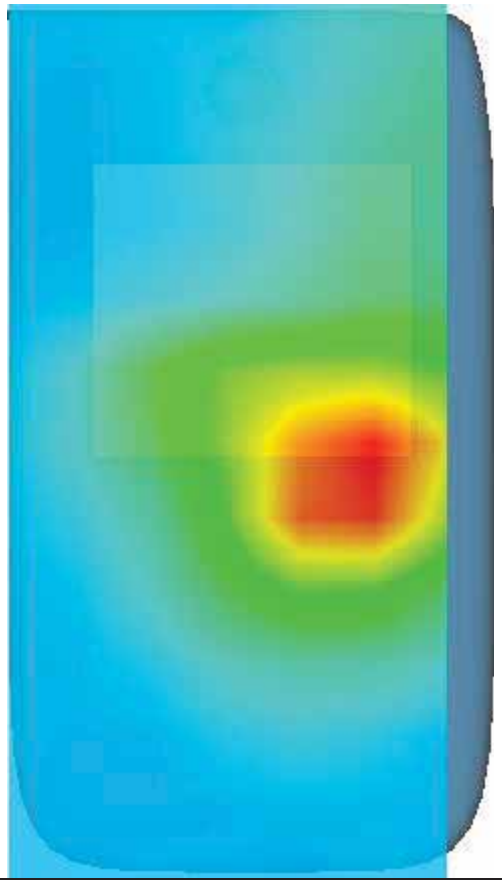
SURFACE SAR	VOLUME SAR
	

Maximum location: X=19.00, Y=-3.00
SAR Peak: 0.86 W/kg

SAR 10g (W/Kg)	0.234422
SAR 1g (W/Kg)	0.489537

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8303	0.5074	0.2623	0.1362	0.0732	0.0477	0.0304



3D screen shot	Hot spot position
	

MEASUREMENT 49

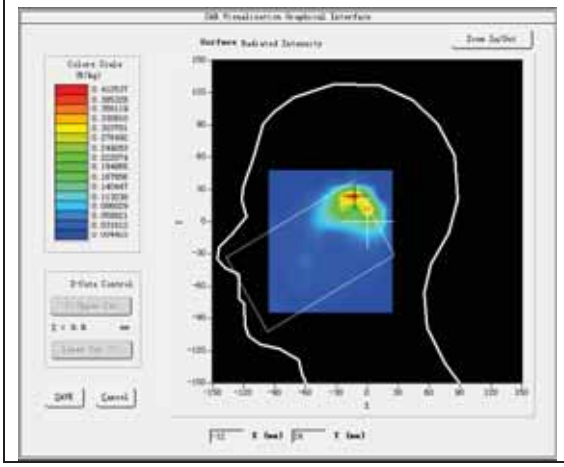
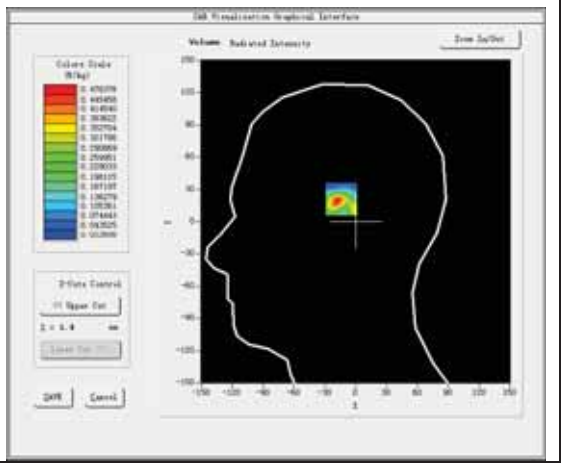
Date of measurement: 13/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 48
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.79

B. SAR Measurement Results

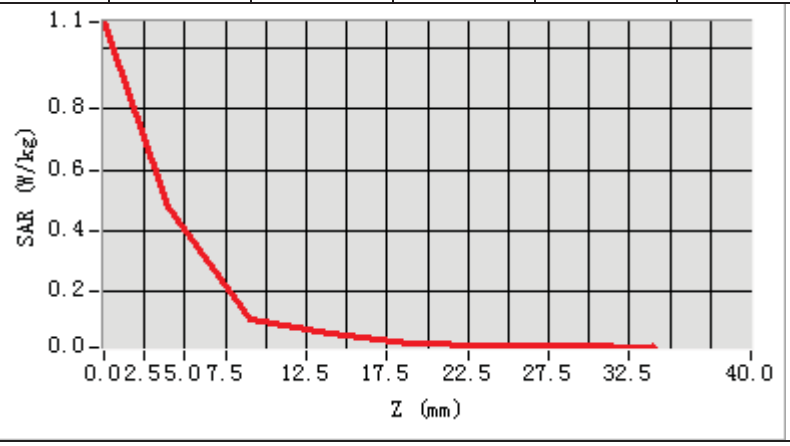
Frequency (MHz)	3625.000000
Relative permittivity (real part)	38.051336
Relative permittivity (imaginary part)	14.726140
Conductivity (S/m)	2.965681
Variation (%)	-0.210000

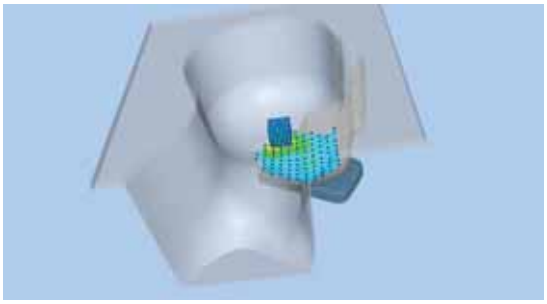
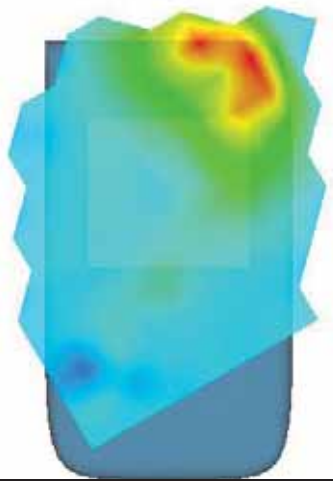
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-13.00, Y=23.00
SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)	0.154744
SAR 1g (W/Kg)	0.438392

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0870	0.4764	0.1092	0.0611	0.0238	0.0202	0.0196



3D screen shot	Hot spot position
	

MEASUREMENT 50

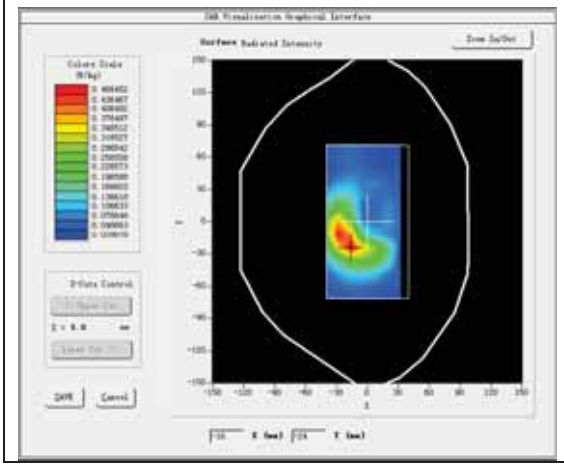
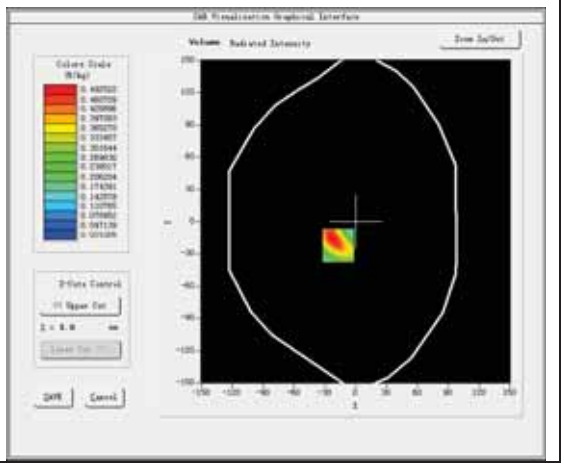
Date of measurement: 13/10/2022

A. Experimental conditions.

Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body
Band	LTE band 48
Channels	Middle
Signal	LTE (Crest factor: 1.6)
ConvF	1.79

B. SAR Measurement Results

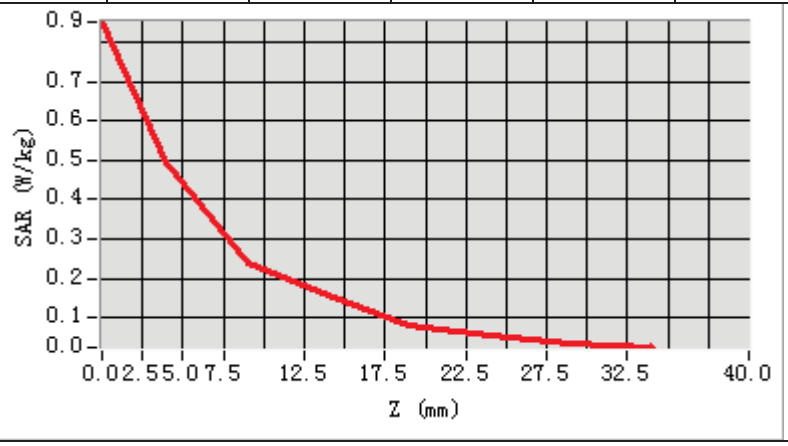
Frequency (MHz)	3625.000000
Relative permittivity (real part)	38.051336
Relative permittivity (imaginary part)	14.726140
Conductivity (S/m)	2.965681
Variation (%)	-3.280000

SURFACE SAR	VOLUME SAR
	

Maximum location: X=-17.00, Y=-22.00
SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)	0.251399
SAR 1g (W/Kg)	0.468572

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8503	0.4925	0.2384	0.1579	0.0835	0.0584	0.0365



3D screen shot	Hot spot position