

Annex A. Plots of System Performance Check

MEASUREMENT 1

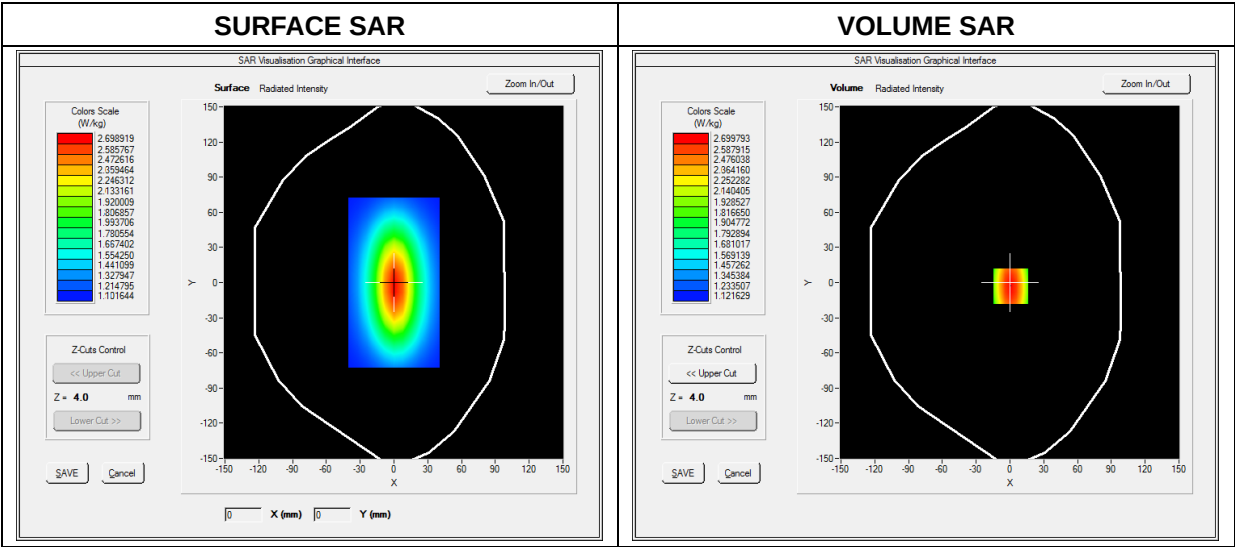
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-05-29
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.66; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative Permittivity (real part)	42.282774
Conductivity (S/m)	0.862314
Power Variation (%)	1.334700
Ambient Temperature	22.5
Liquid Temperature	22.5

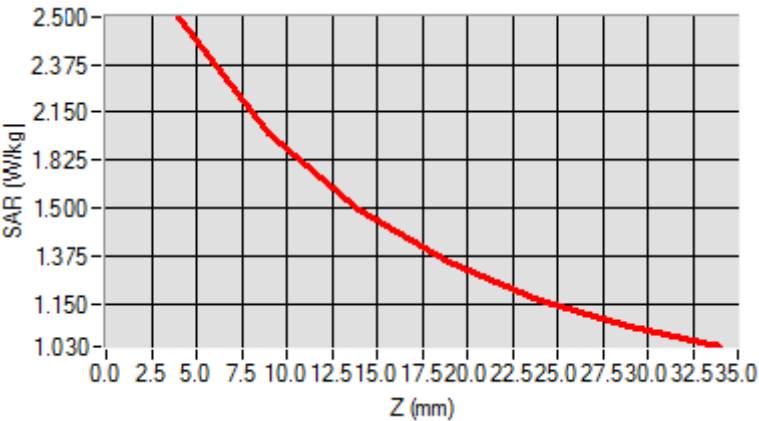


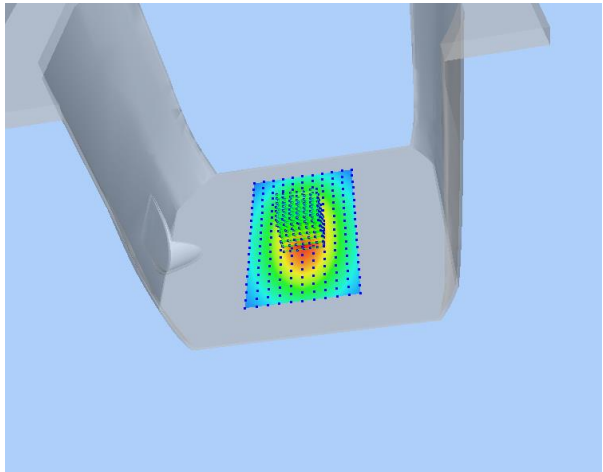
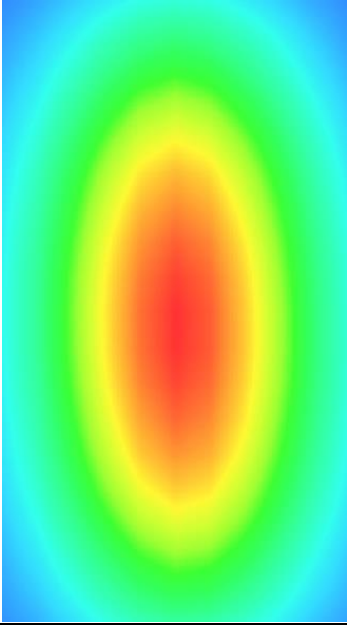
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.042744
SAR 1g (W/Kg)	2.164534

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.3634	1.8023	1.4523	1.2514	1.1005	1.0245



3D screen shot	Hot spot position
	

MEASUREMENT 2

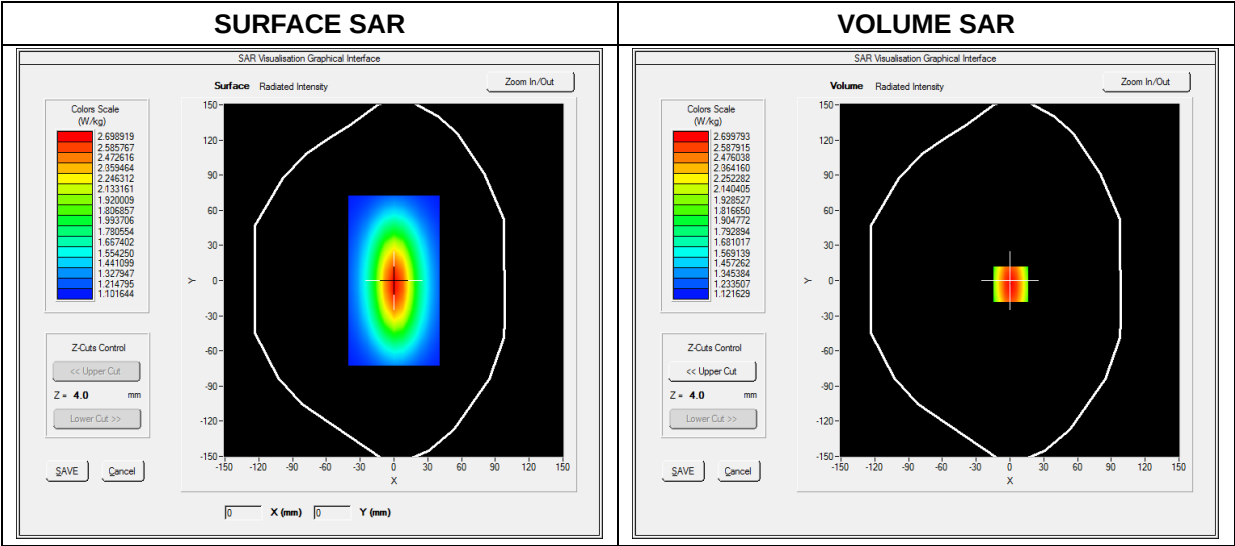
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2022-10-08
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative Permittivity (real part)	42.259245
Conductivity (S/m)	0.871275
Power Variation (%)	1.817700
Ambient Temperature	22.5
Liquid Temperature	22.5

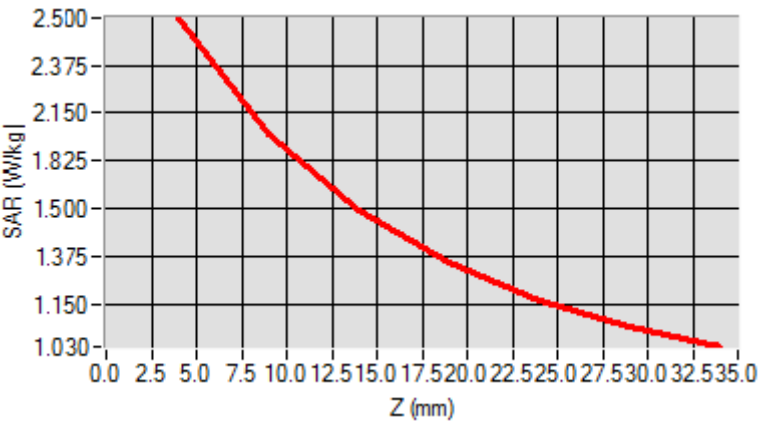


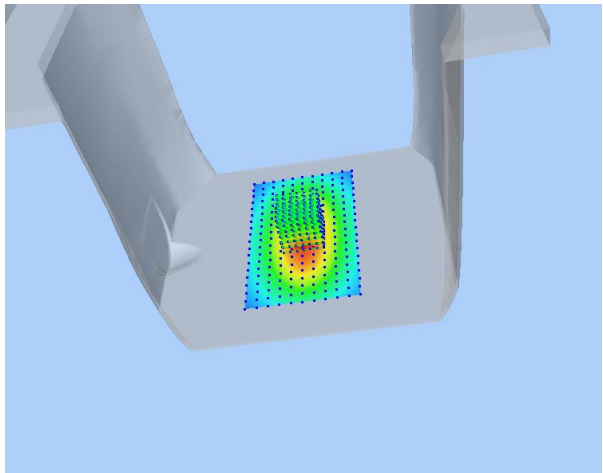
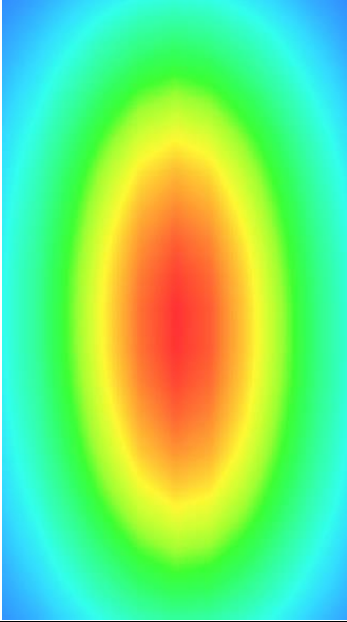
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	1.519489
SAR 1g (W/Kg)	2.411253

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	2.4900	1.8942	1.4811	1.3541	1.1123	1.0539



3D screen shot	Hot spot position
	

MEASUREMENT 3

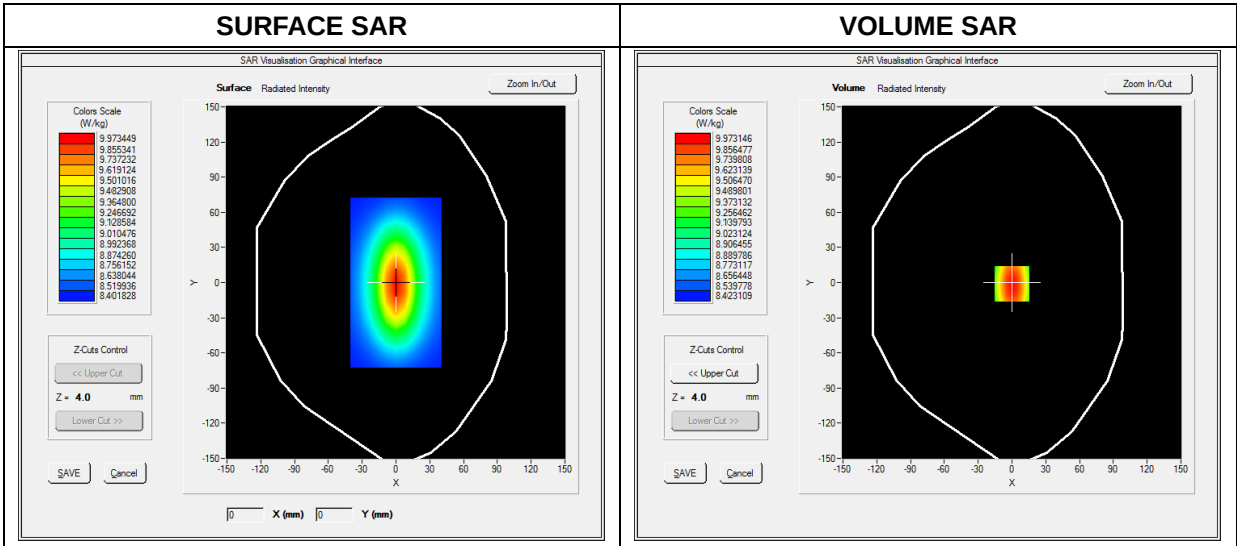
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative Permittivity (real part)	39.544251
Conductivity (S/m)	1.372857
Power Variation (%)	1.423200
Ambient Temperature	22.2
Liquid Temperature	22.2

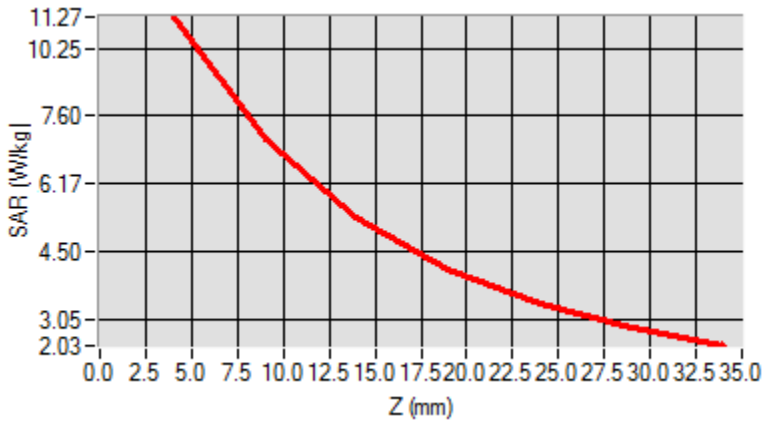


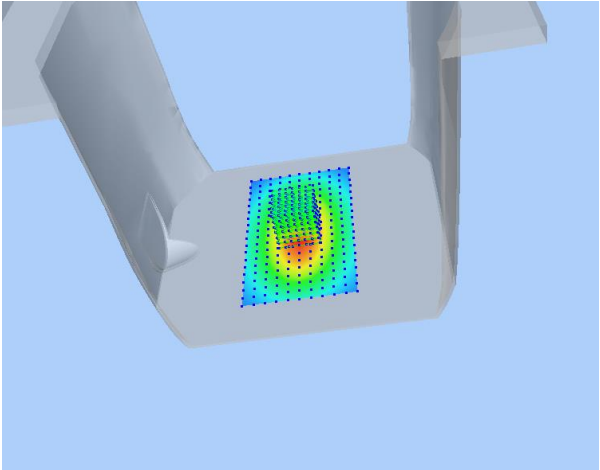
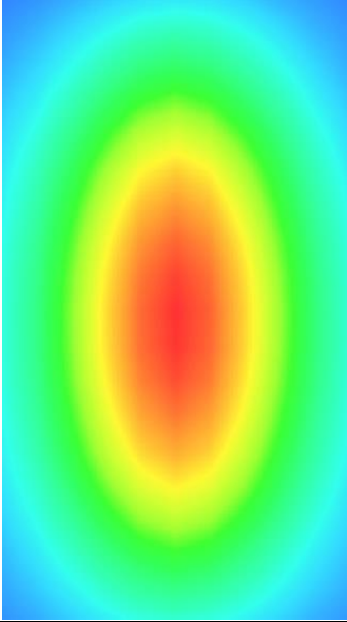
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.171252
SAR 1g (W/Kg)	9.611250

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.3455	7.1125	5.1026	3.425	3.0242	2.1125



3D screen shot	Hot spot position
	

MEASUREMENT 4

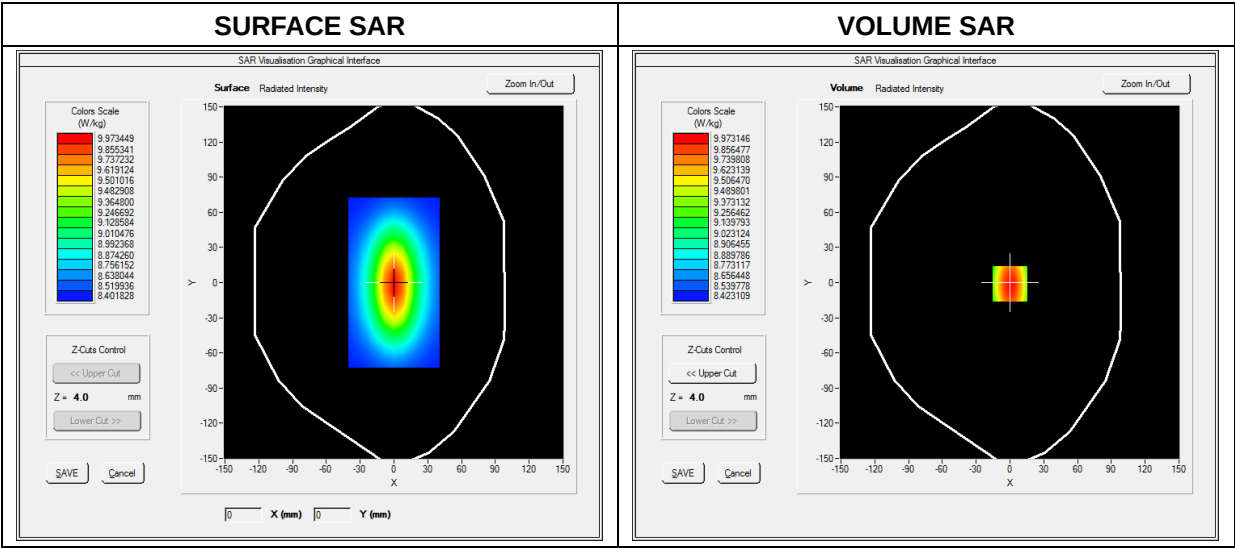
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.373258
Power Variation (%)	1.254000
Ambient Temperature	22.2
Liquid Temperature	22.2

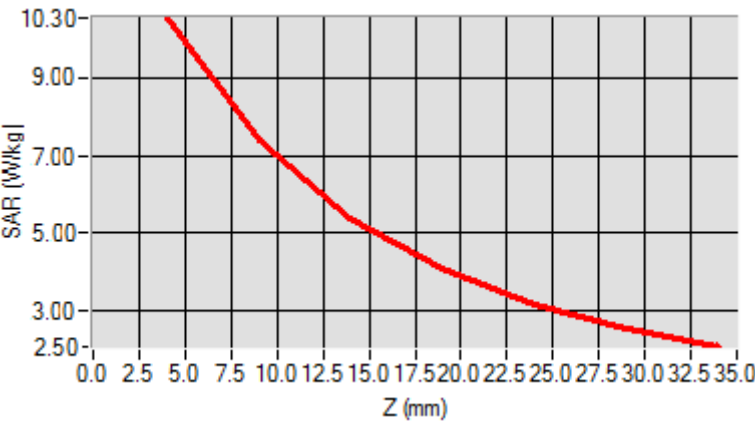


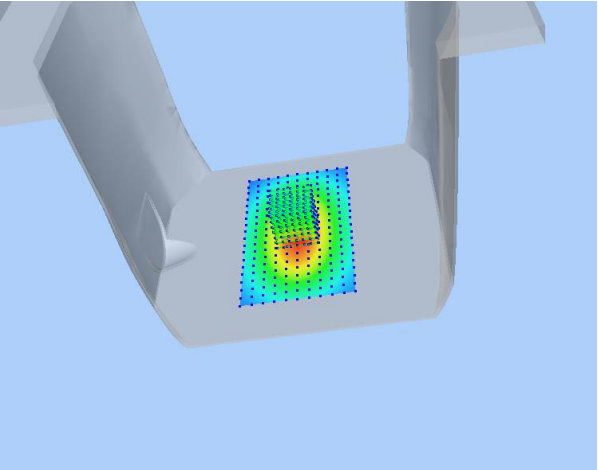
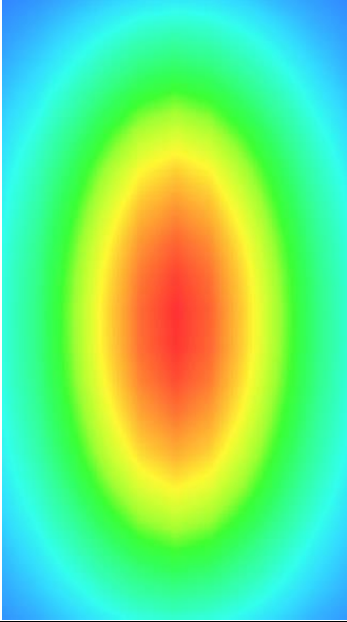
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.174526
SAR 1g (W/Kg)	9.913214

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	10.2354	6.8400	5.0121	4.1189	3.0522	2.8424



3D screen shot	Hot spot position
	

MEASUREMENT 5

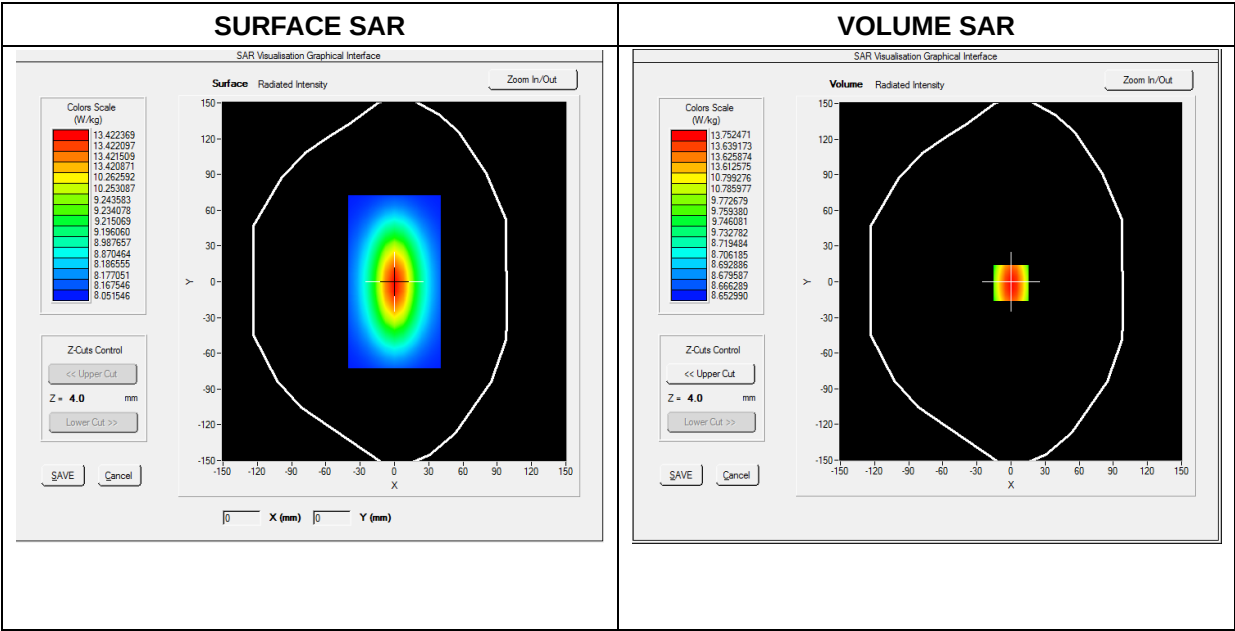
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative Permittivity (real part)	39.123575
Conductivity (S/m)	1.762558
Power Variation (%)	1.554700
Ambient Temperature	22.1
Liquid Temperature	22.1

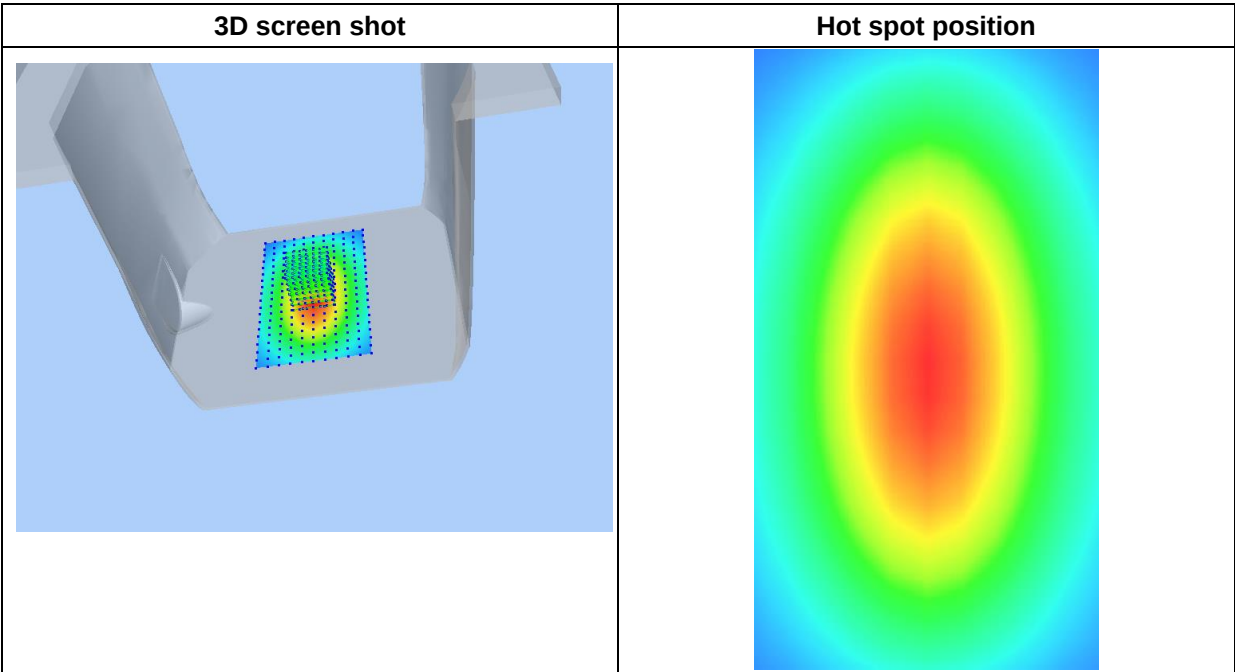
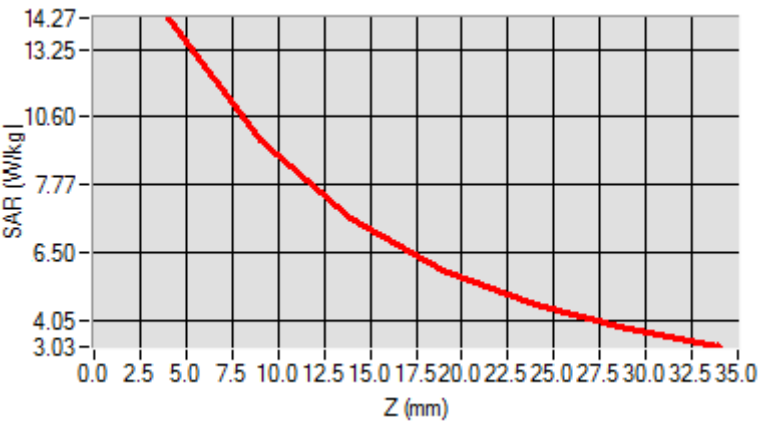


Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	8.020427
SAR 1g (W/Kg)	13.452457

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	14.1034	12.0012	10.2624	7.4715	5.9022	4.5114



MEASUREMENT 6

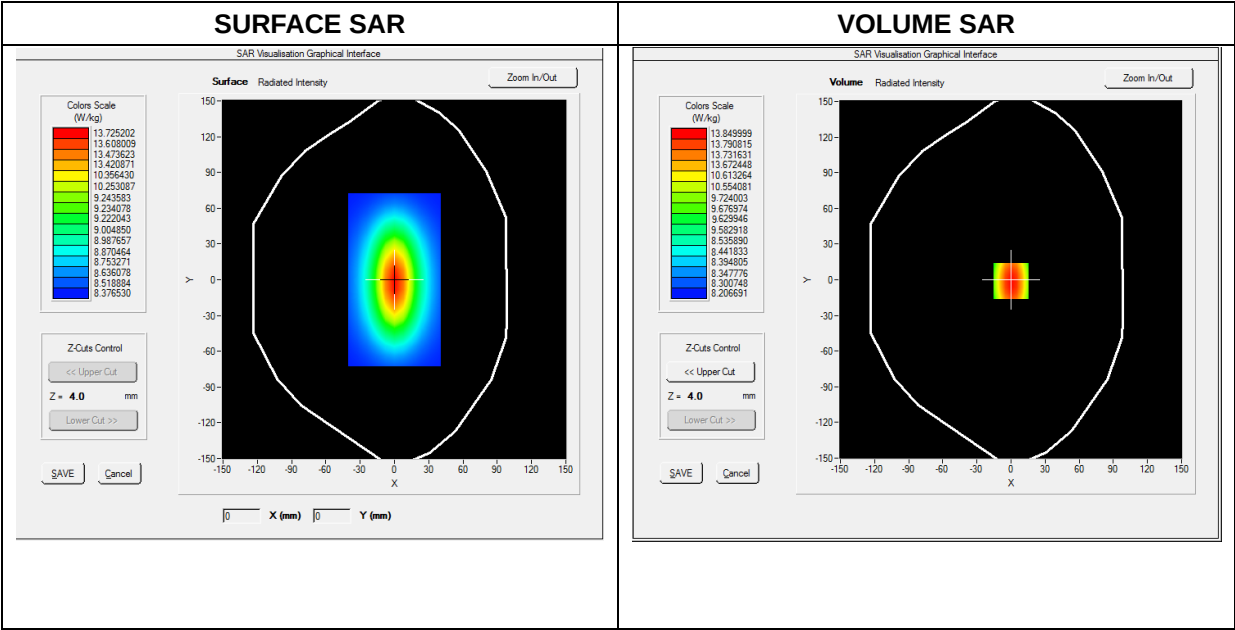
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	38.874227
Conductivity (S/m)	1.932275
Power Variation (%)	1.217500
Ambient Temperature	22.1
Liquid Temperature	22.1

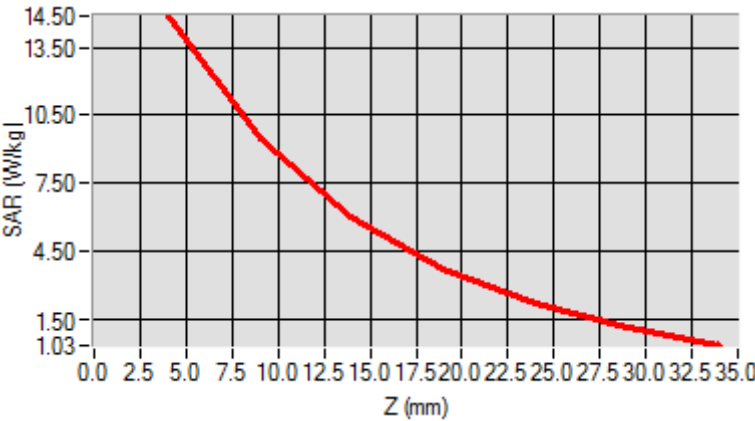


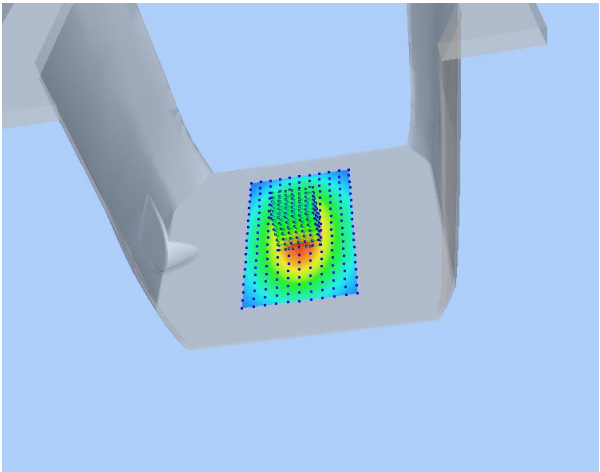
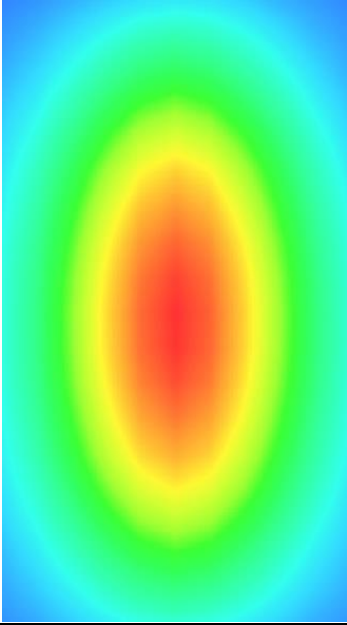
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	8.270822
SAR 1g (W/Kg)	13.670282

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	14.0426	12.1354	10.2965	7.4854	5.9354	4.5186



3D screen shot	Hot spot position
	

MEASUREMENT 7

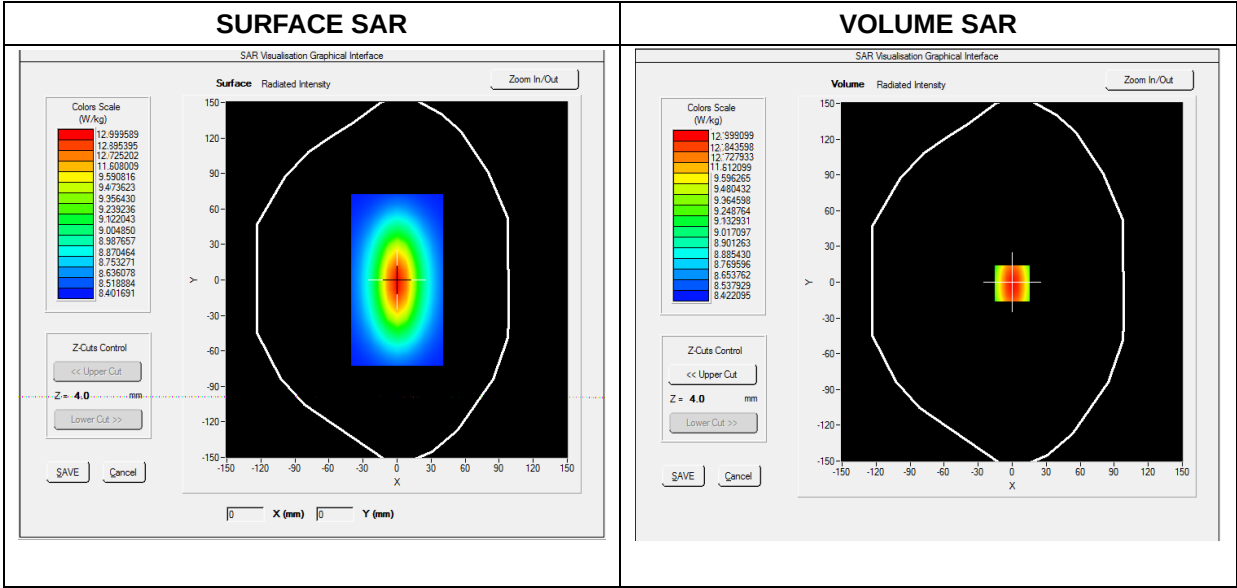
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-15
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.20; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW3500
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	3500.000000
Relative Permittivity (real part)	36.421373
Conductivity (S/m)	3.041287
Power Variation (%)	1.365400
Ambient Temperature	22.4
Liquid Temperature	22.4

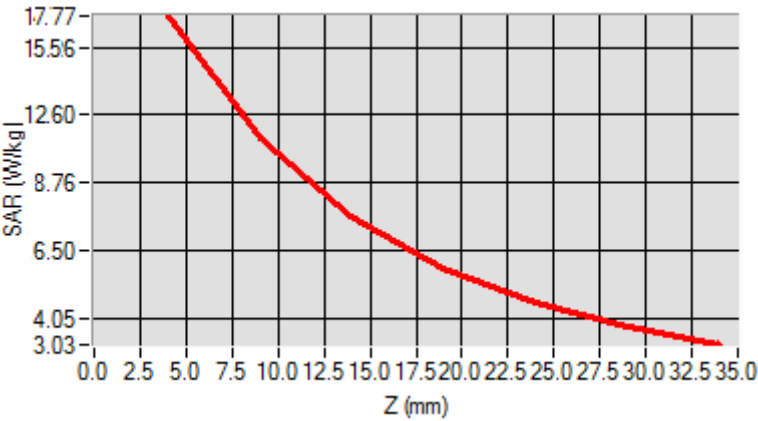


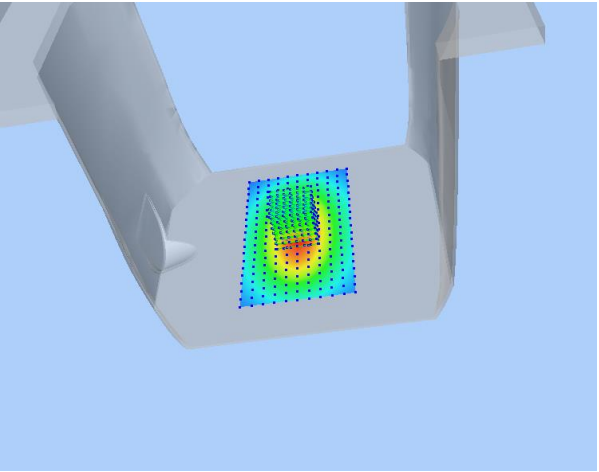
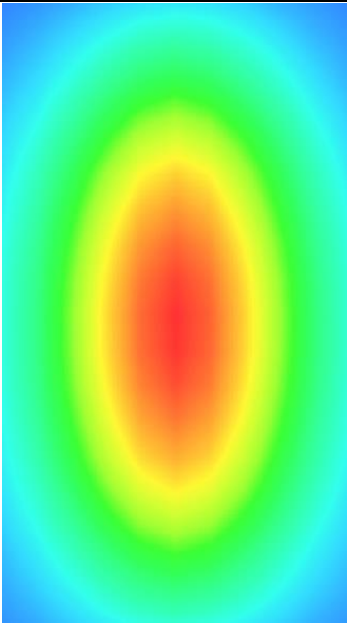
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	6.163156
SAR 1g (W/Kg)	16.143311

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	16.5034	12.0012	8.5624	6.4715	4.9022	3.8114



3D screen shot	Hot spot position
	

MEASUREMENT 8

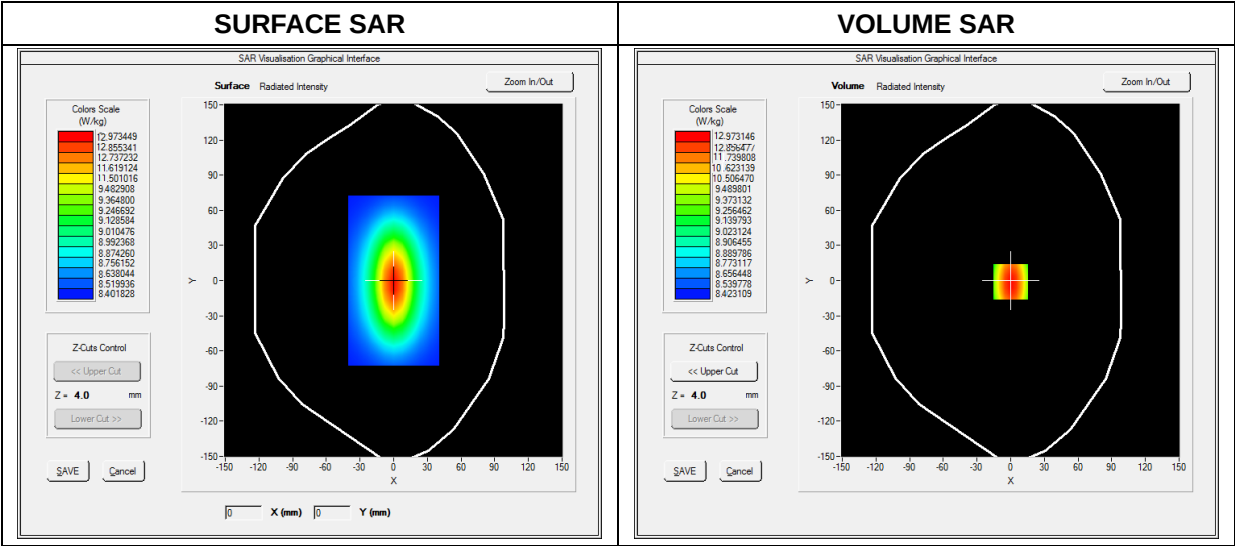
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-15
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.24; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW3700
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3700.000000
Relative Permittivity (real part)	35.121724
Conductivity (S/m)	3.653695
Power Variation (%)	1.254400
Ambient Temperature	22.4
Liquid Temperature	22.4

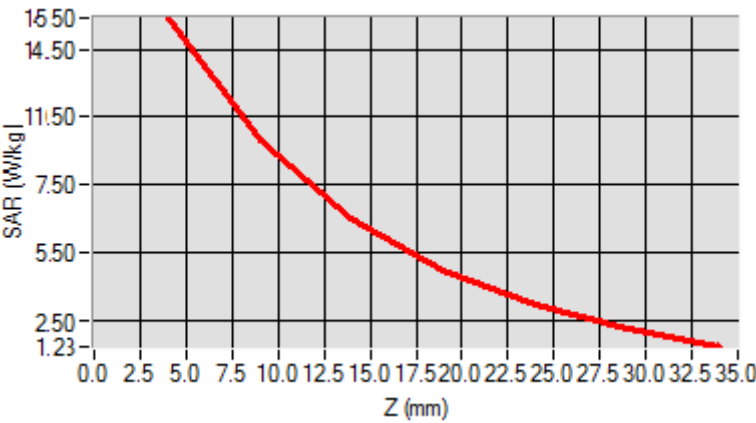


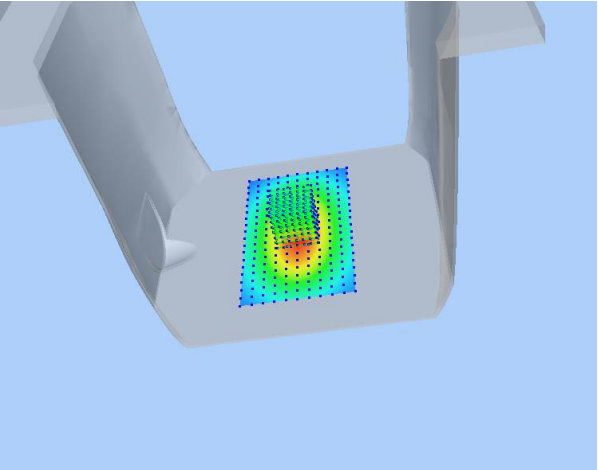
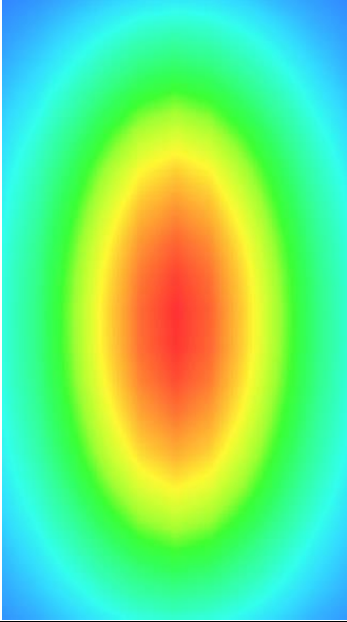
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.474526
SAR 1g (W/Kg)	15.393214

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	15.2426	12.1354	10.2965	7.4854	5.9354	4.5186



3D screen shot	Hot spot position
	

MEASUREMENT 9

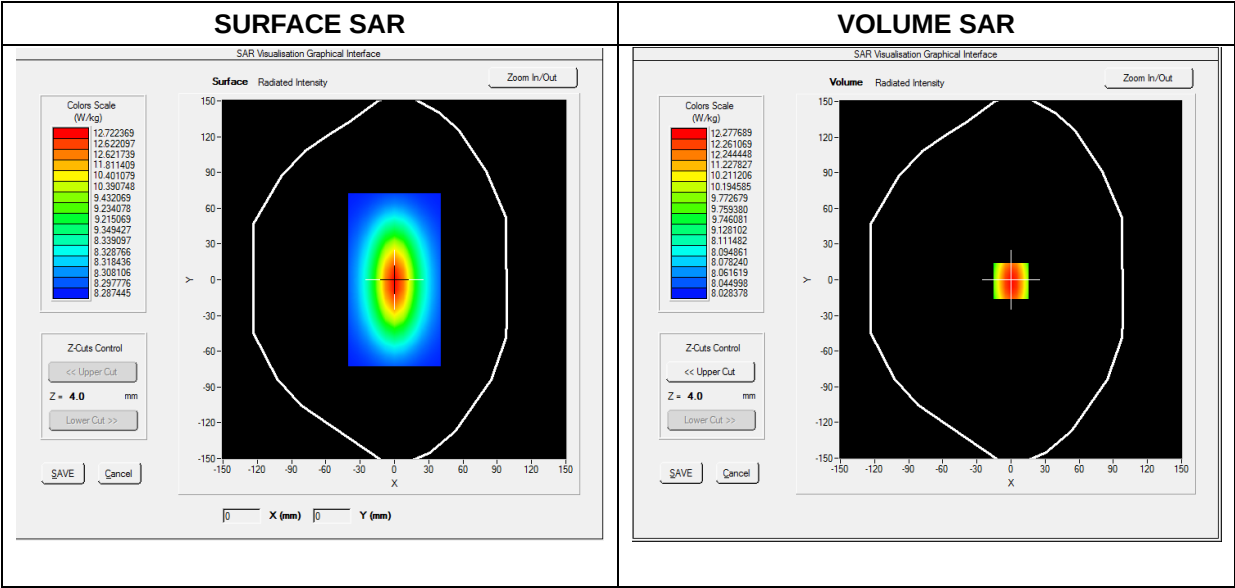
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-15
Measurement duration: 7 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.45; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW3900
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	3900.000000
Relative Permittivity (real part)	34.274890
Conductivity (S/m)	3.652509
Power Variation (%)	1.123200
Ambient Temperature	22.4
Liquid Temperature	22.4

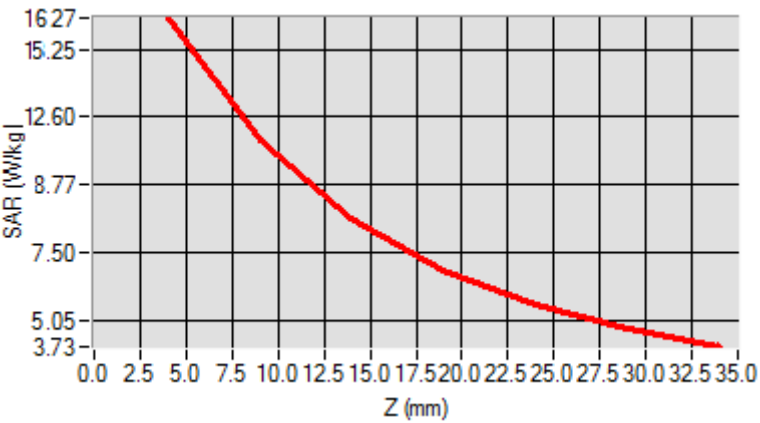


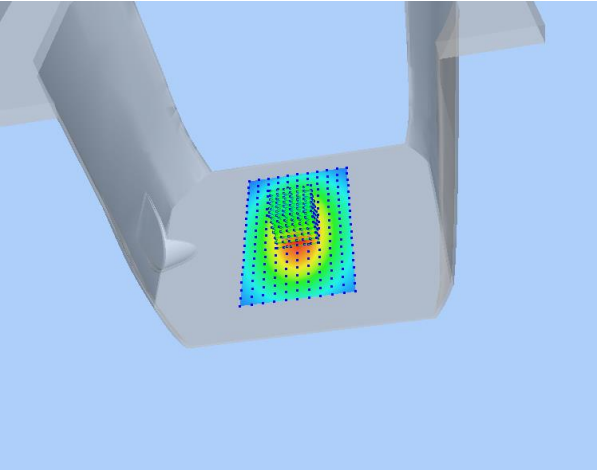
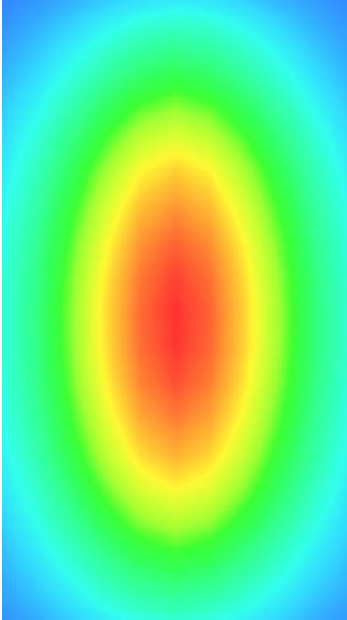
Maximum location: X=0.00, Y=0.00

SAR 10g (W/Kg)	5.461252
SAR 1g (W/Kg)	15.931250

Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	16.1348	11.1287	8.2638	6.4747	5.9258	3.9157



3D screen shot	Hot spot position
	

MEASUREMENT 10

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-10
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2022-07-08

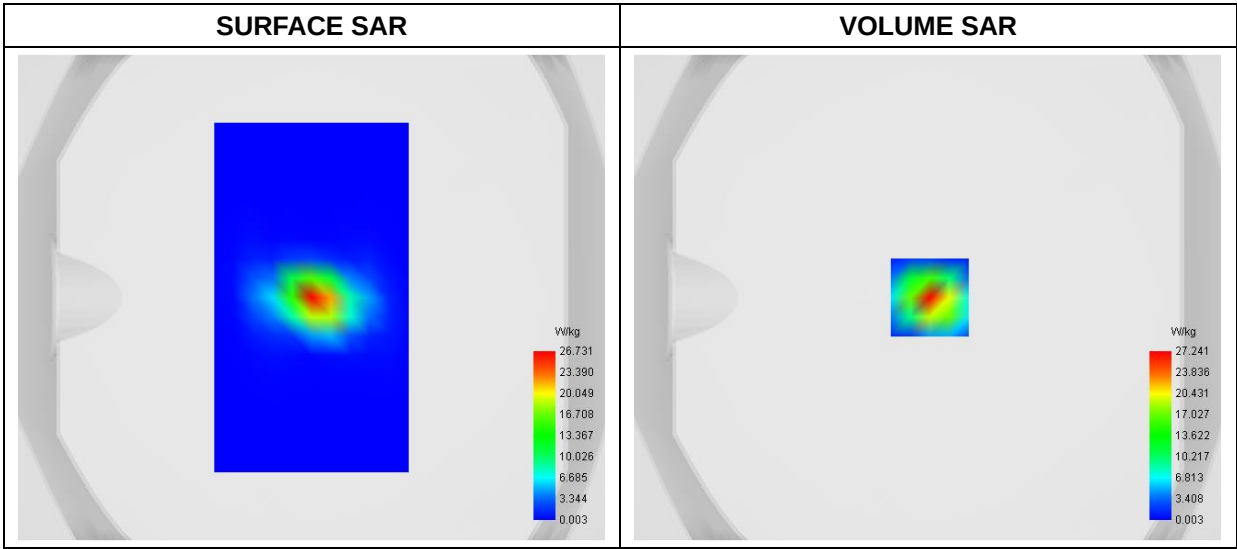
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative Permittivity (real part)	36.532185
Conductivity (S/m)	4.704783
Power Variation (%)	1.372800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



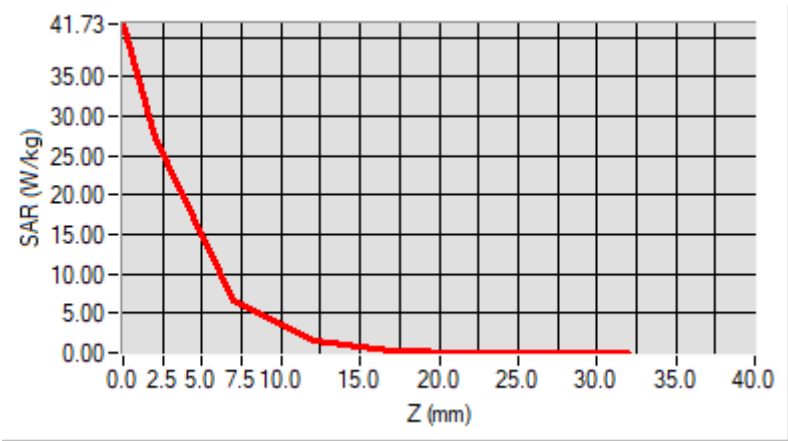
Maximum location: X=1.00, Y=0.00

D. SAR 1g & 10g

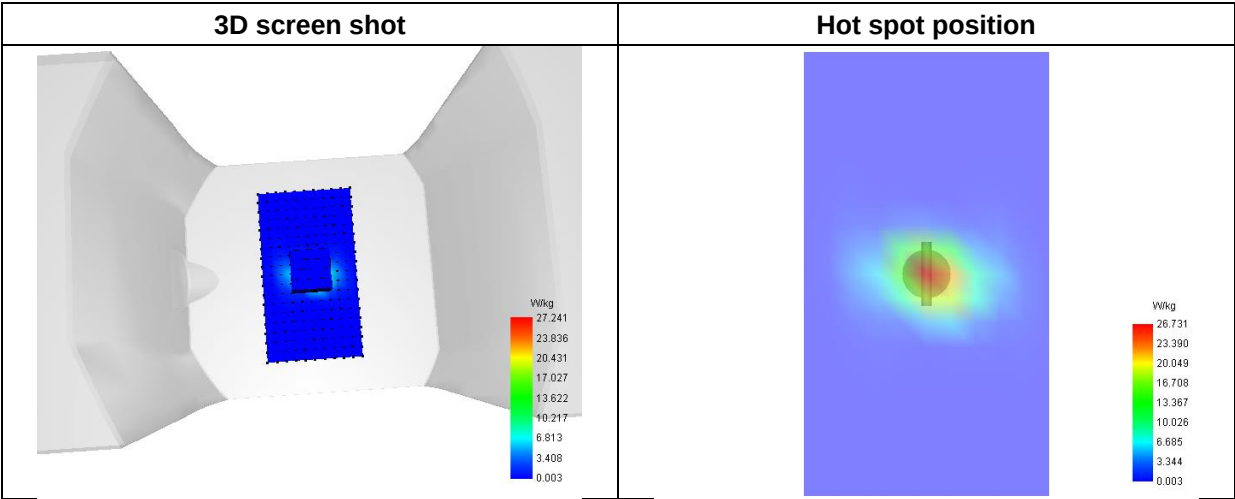
SAR 10g (W/Kg)	5.310334
SAR 1g (W/Kg)	16.946226

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00	22.00	27.00
SAR (W/Kg)	41.7264	27.2408	6.5746	1.6234	0.3765	0.0793	0.0129



F. 3D Image



MEASUREMENT 11

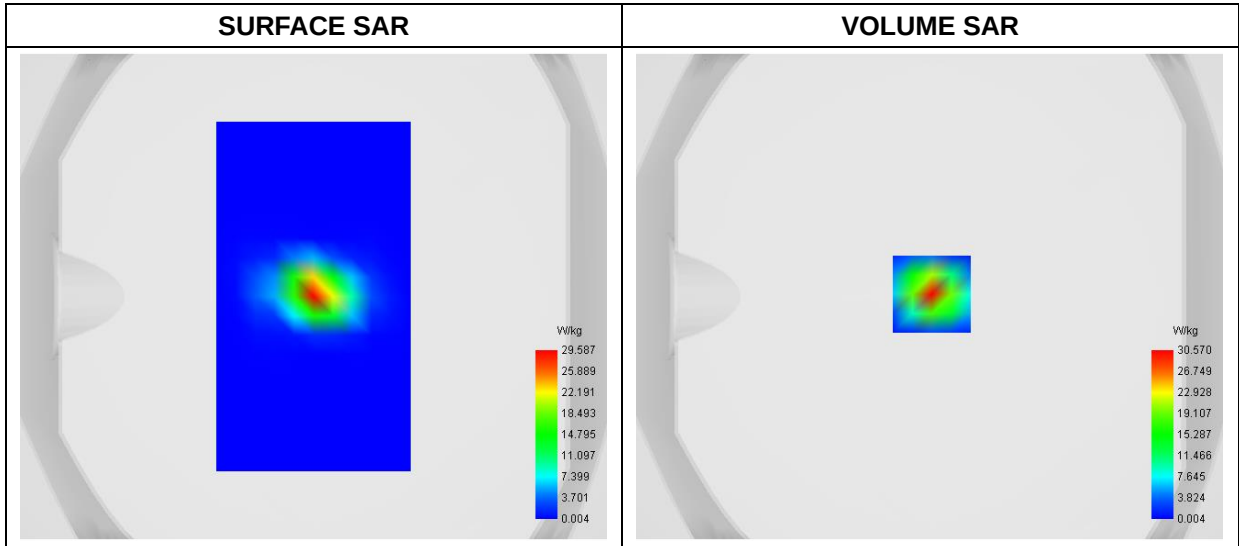
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-10
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.12; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5400.000000
Relative Permittivity (real part)	36.512947
Conductivity (S/m)	4.821468
Power Variation (%)	1.378200
Ambient Temperature	22.5
Liquid Temperature	22.5

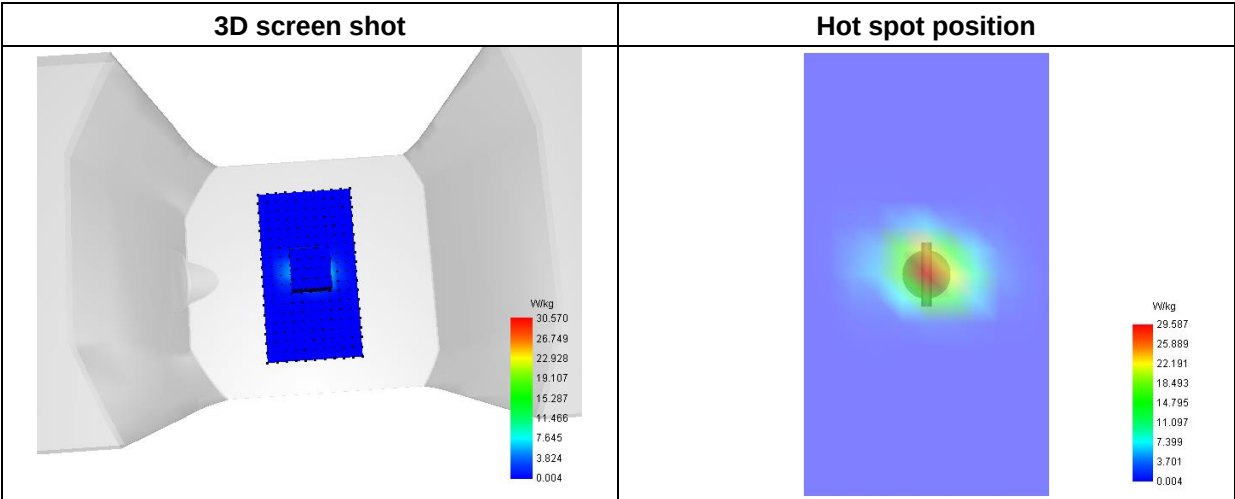
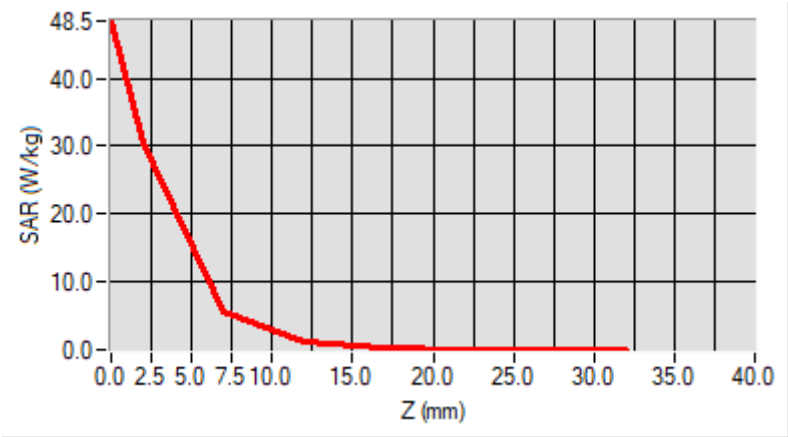


Maximum location: X=1.00, Y=1.00

SAR 10g (W/Kg)	5.912341
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SAR 1g (W/Kg)	17.110732
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Z (mm)	0.00	2.00	7.00	12.00	17.00	22.00	27.00
SAR (W/Kg)	48.4695	30.5699	5.7100	1.0698	0.1906	0.0364	0.0052



MEASUREMENT 12

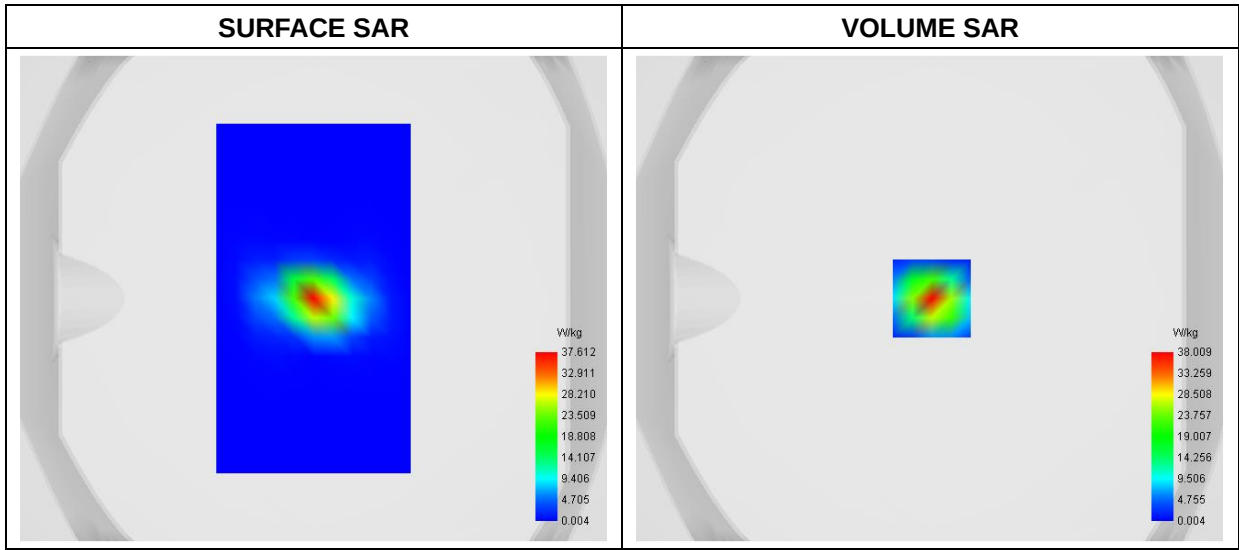
Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-13
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.25; Calibrated: 2022-07-08

A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative Permittivity (real part)	36.681439
Conductivity (S/m)	5.101682
Power Variation (%)	1.920100
Ambient Temperature	22.5
Liquid Temperature	22.5

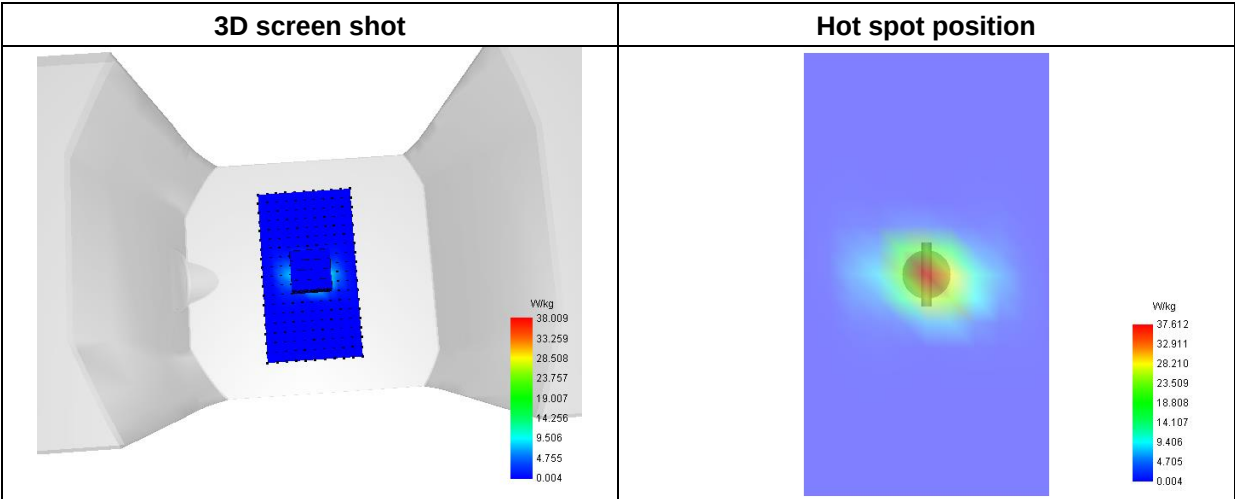
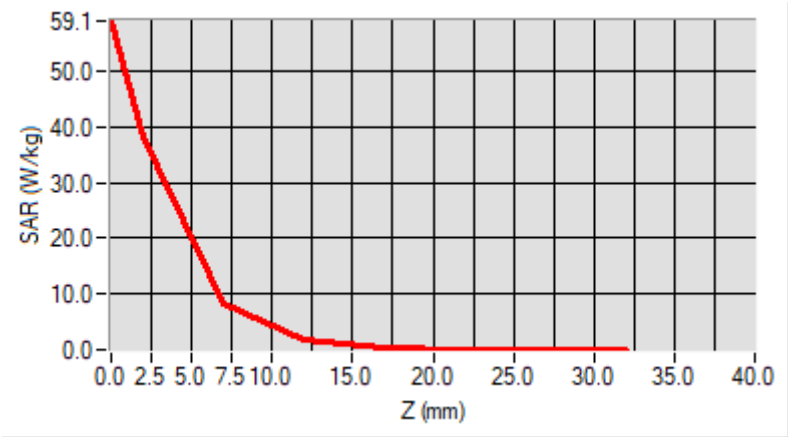


Maximum location: X=1.00, Y=0.00

SAR 10g (W/Kg)	5.872241
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SAR 1g (W/Kg)	17.329716
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Z (mm)	0.00	2.00	7.00	12.00	17.00	22.00	27.00
SAR (W/Kg)	59.0521	38.0093	8.3284	1.8732	0.3993	0.0816	0.0132



MEASUREMENT 13

Type: Validation measurement (Fast, 75.00 %)
Date of measurement: 2023-06-13
Measurement duration: 12 minutes 21 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.14; Calibrated: 2022-07-08

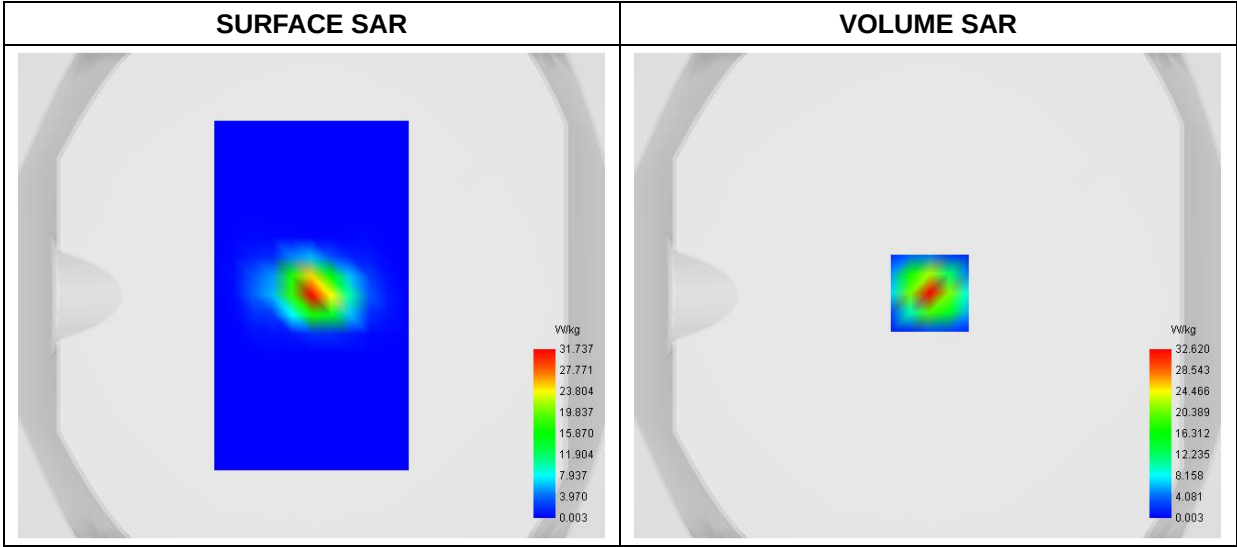
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5800.000000
Relative Permittivity (real part)	36.271447
Conductivity (S/m)	5.182129
Power Variation (%)	1.628100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



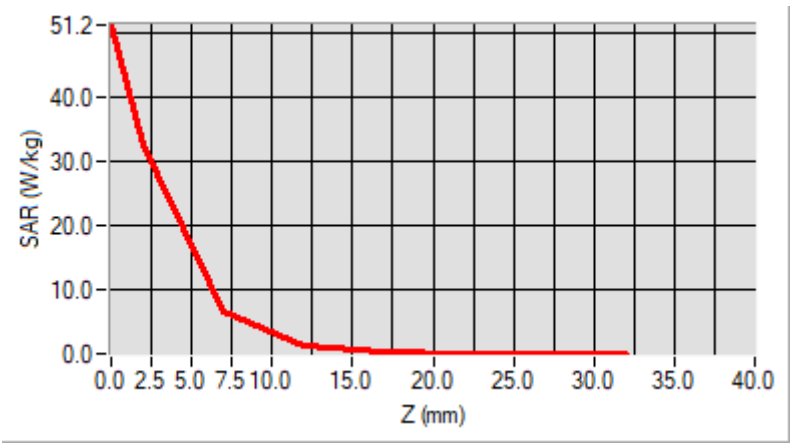
Maximum location: X=1.00, Y=1.00

D. SAR 1g & 10g

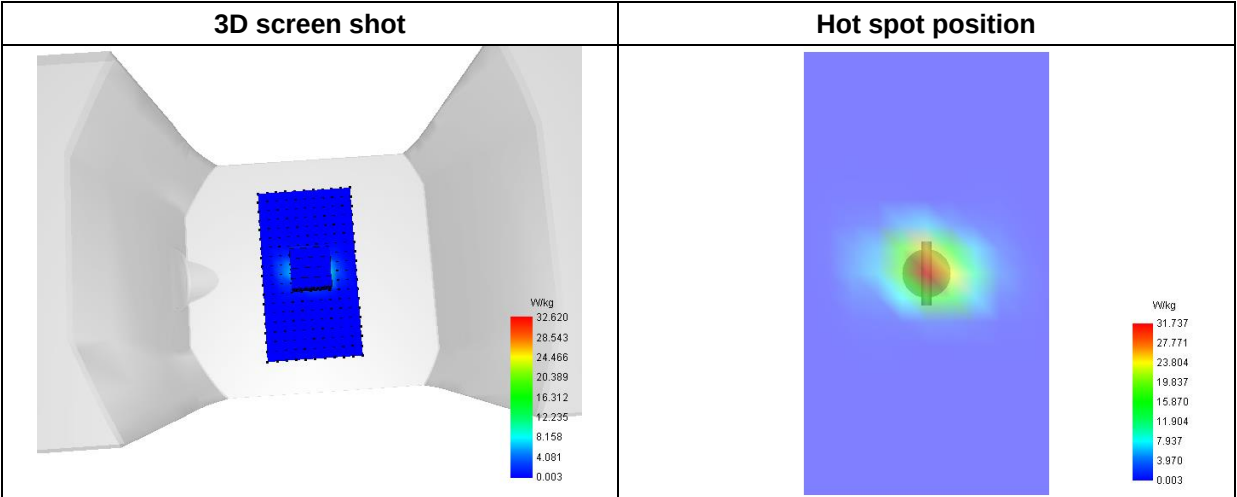
SAR 10g (W/Kg)	5.922791
SAR 1g (W/Kg)	18.604052

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00	22.00	27.00
SAR (W/Kg)	51.2061	32.6198	6.6166	1.3486	0.2638	0.0509	0.0050



F. 3D Image



Annex B. Plots of SAR Measurement

MEASUREMENT 1

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 11 minutes 48 seconds

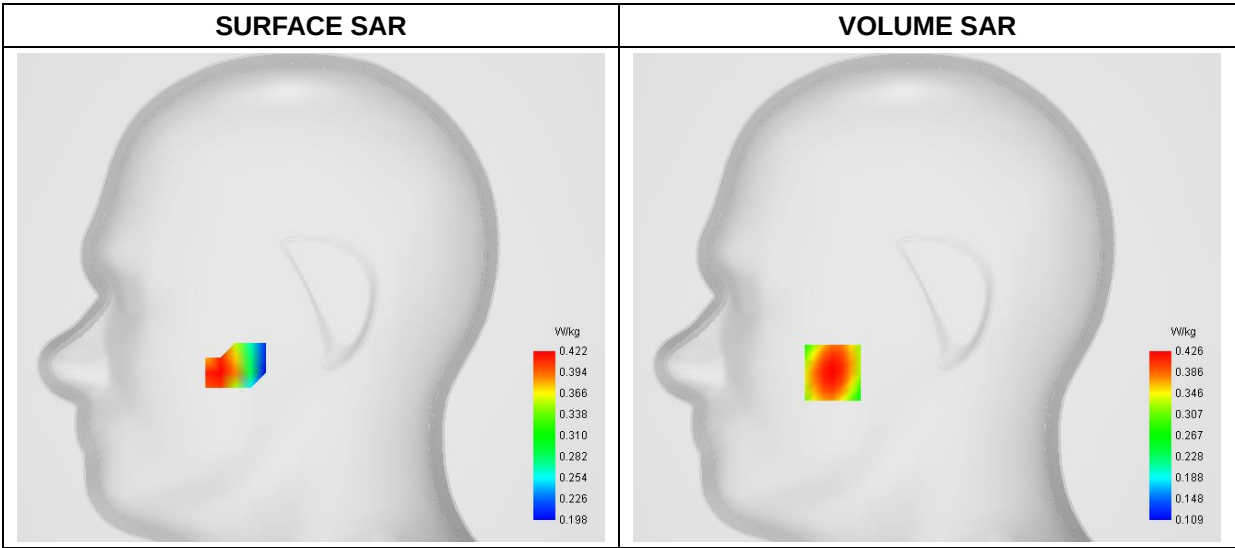
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

Frequency (MHz)	824.200000
Relative Permittivity (real part)	42.264746
Conductivity (S/m)	0.871218
Power Variation (%)	1.164700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

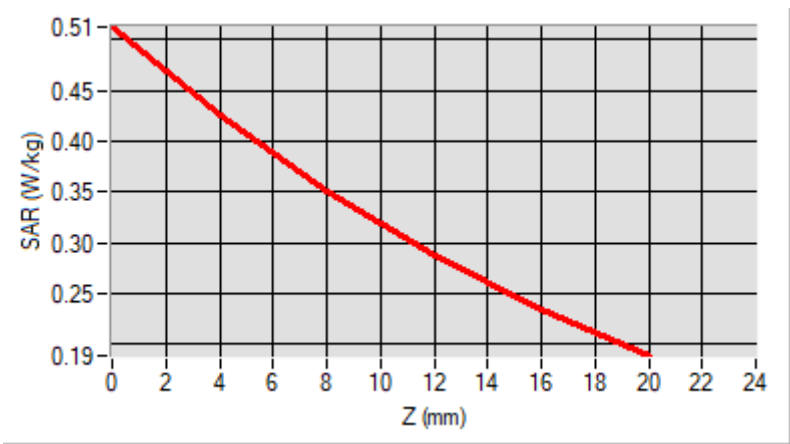


Maximum location: X=-50.00, Y=-40.00
D. SAR 1g & 10g

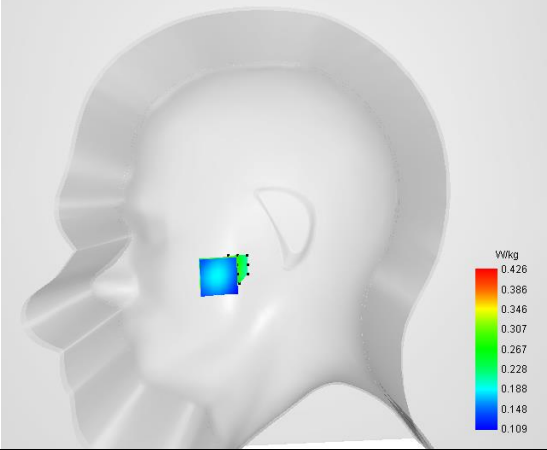
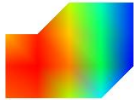
SAR 10g (W/Kg)	0.298731
SAR 1g (W/Kg)	0.406848

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5127	0.4257	0.3514	0.2886	0.2353



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 2

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 11 minutes 48 seconds

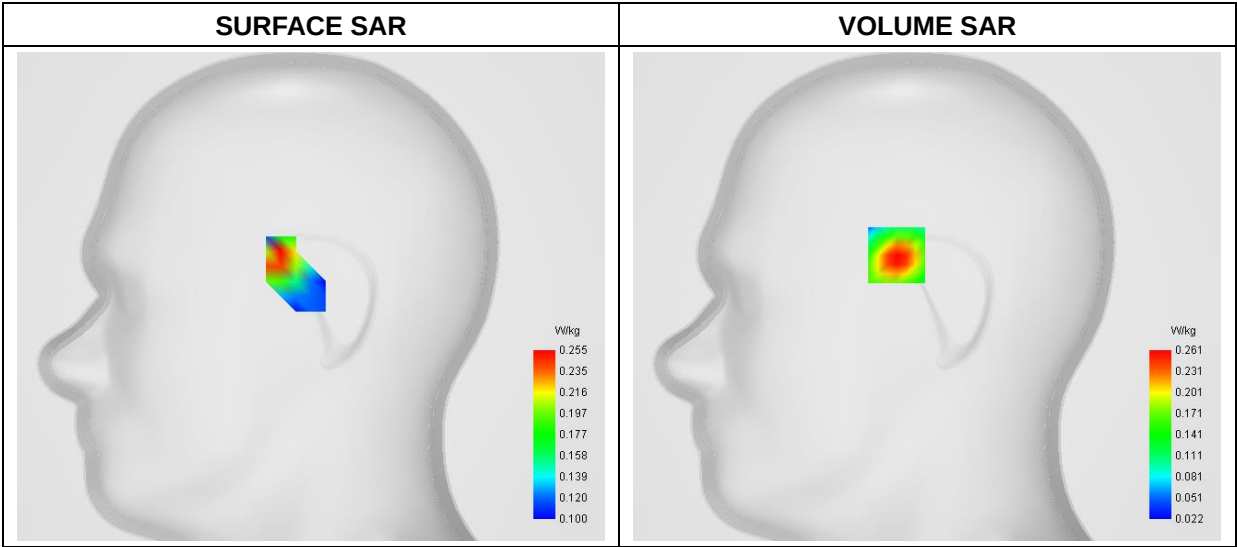
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	1.421700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



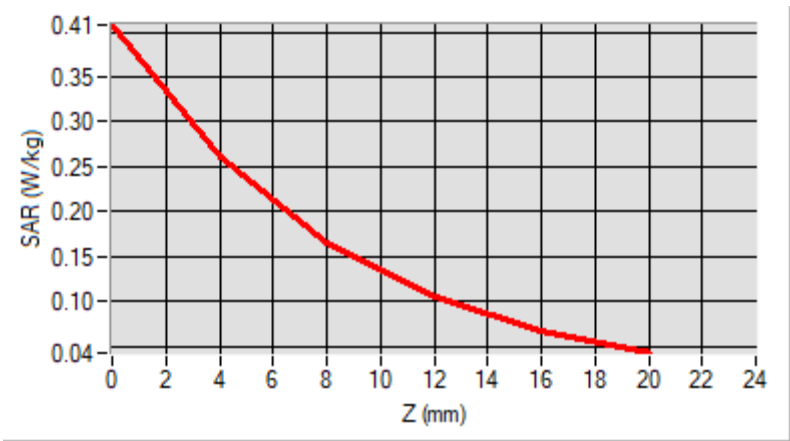
Maximum location: X=-16.00, Y=22.00

D. SAR 1g & 10g

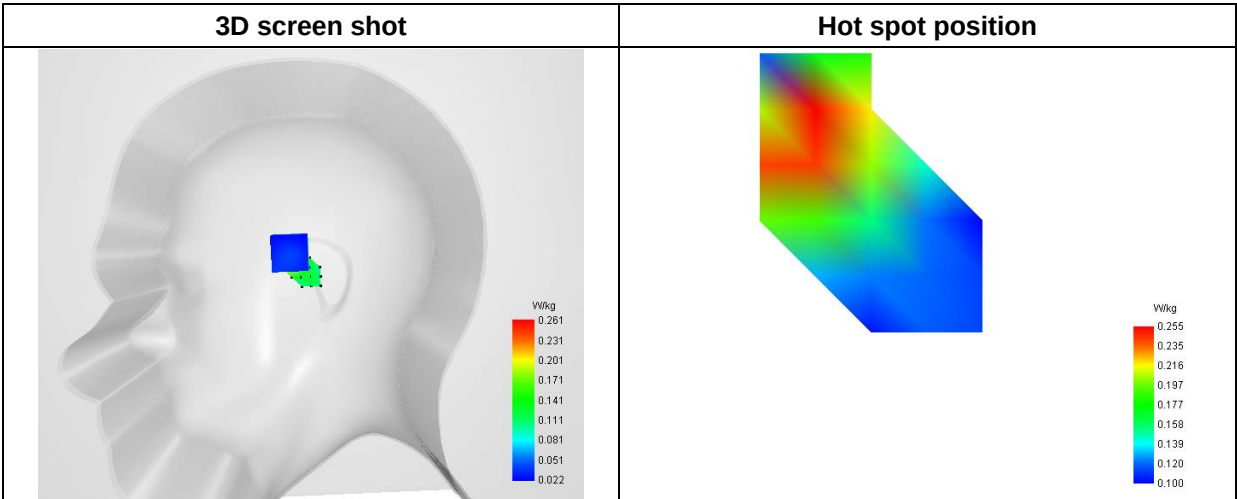
SAR 10g (W/Kg)	0.131198
SAR 1g (W/Kg)	0.241782

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4081	0.2613	0.1649	0.1045	0.0674



F. 3D Image



MEASUREMENT 3

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

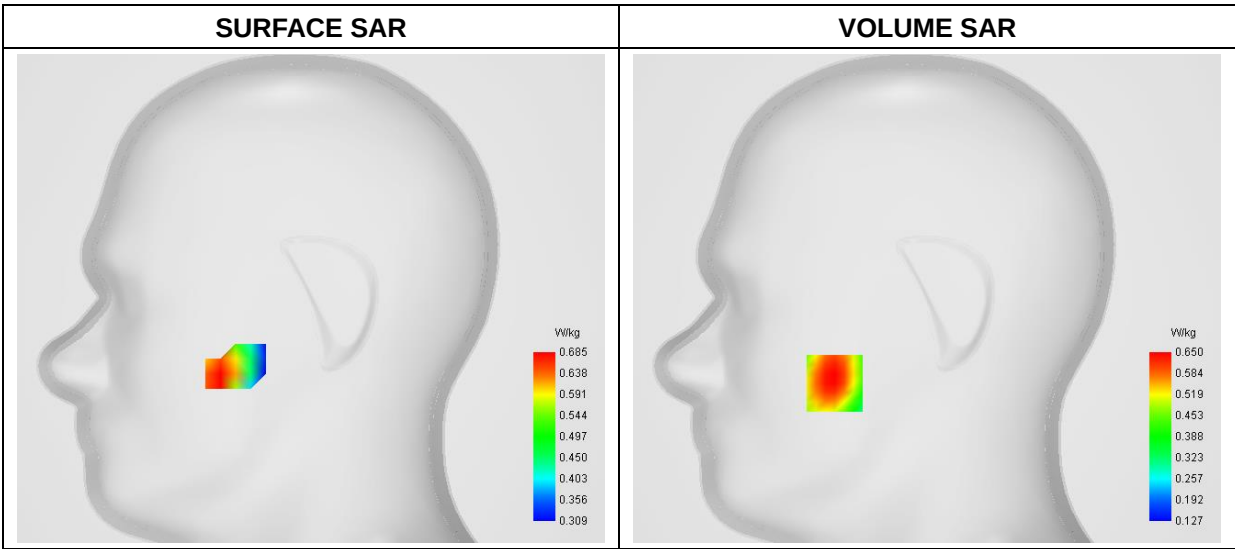
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	GPRS850_4TX
Channels	Low
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

Frequency (MHz)	824.200000
Relative Permittivity (real part)	42.264746
Conductivity (S/m)	0.871218
Power Variation (%)	1.524700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



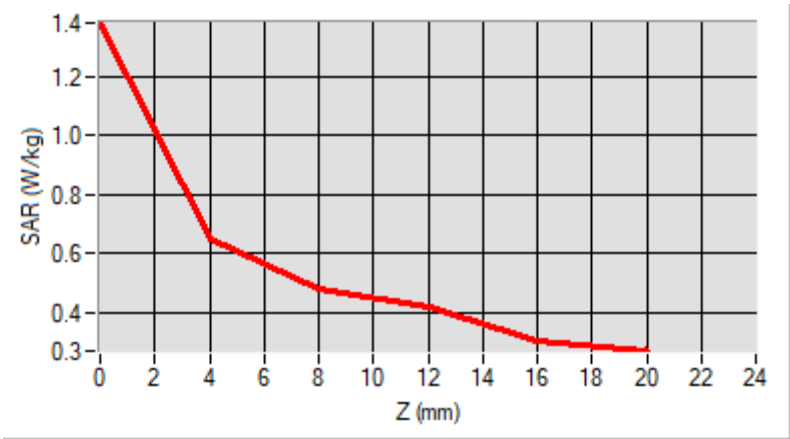
Maximum location: X=-49.00, Y=-45.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.441931
SAR 1g (W/Kg)	0.621775

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.3822	0.6495	0.4776	0.4162	0.3039



F. 3D Image

3D screen shot	Hot spot position
A 3D rendering of a human head model showing the SAR distribution. A color scale bar on the right indicates SAR values from 0.127 to 0.685 W/kg. The highest SAR values are concentrated in the ear area, indicated by a red and yellow color gradient.	A 3D rendering of the hot spot position, showing the SAR distribution in a specific region. A color scale bar on the right indicates SAR values from 0.309 to 0.685 W/kg. The highest SAR values are concentrated in the ear area, indicated by a red and yellow color gradient.

MEASUREMENT 4

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

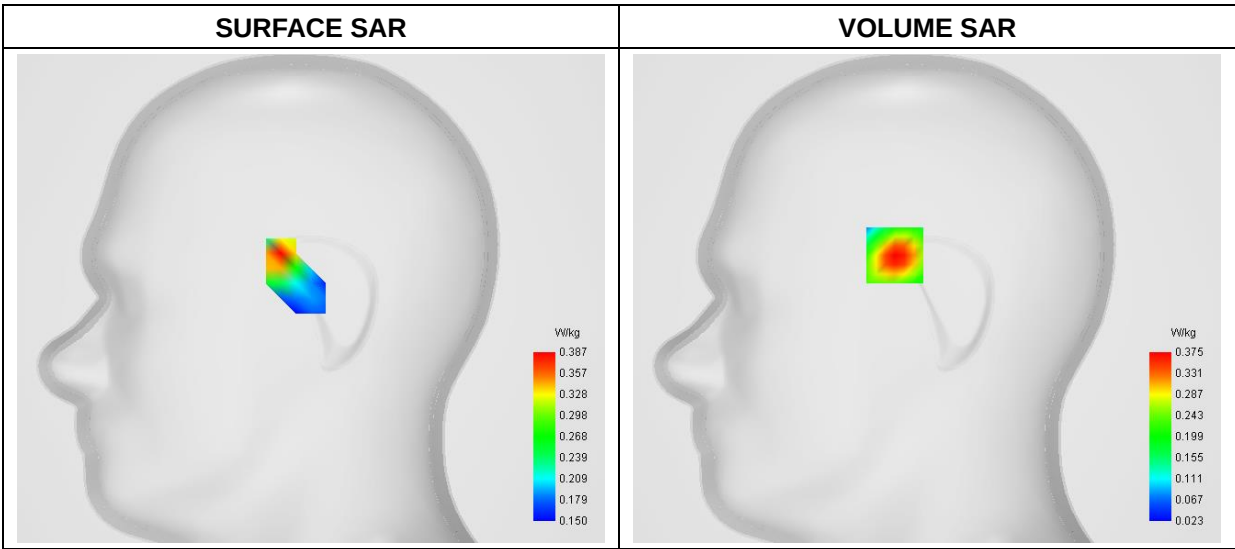
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	GPRS1900_2TX
Channels	Middle
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	1.117500
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



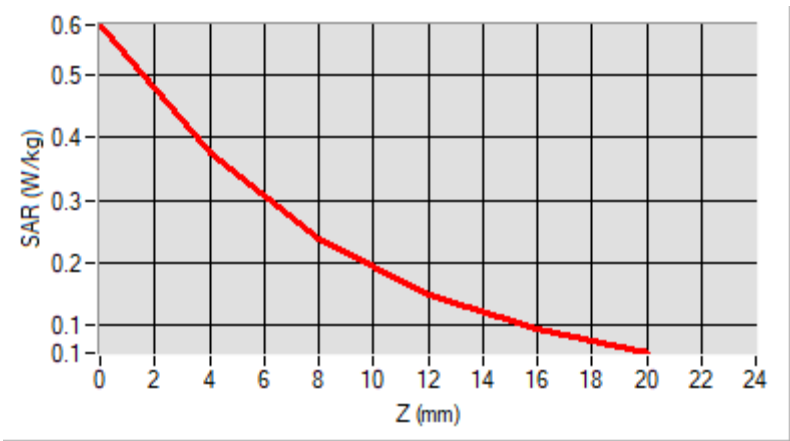
Maximum location: X=-17.00, Y=23.00

D. SAR 1g & 10g

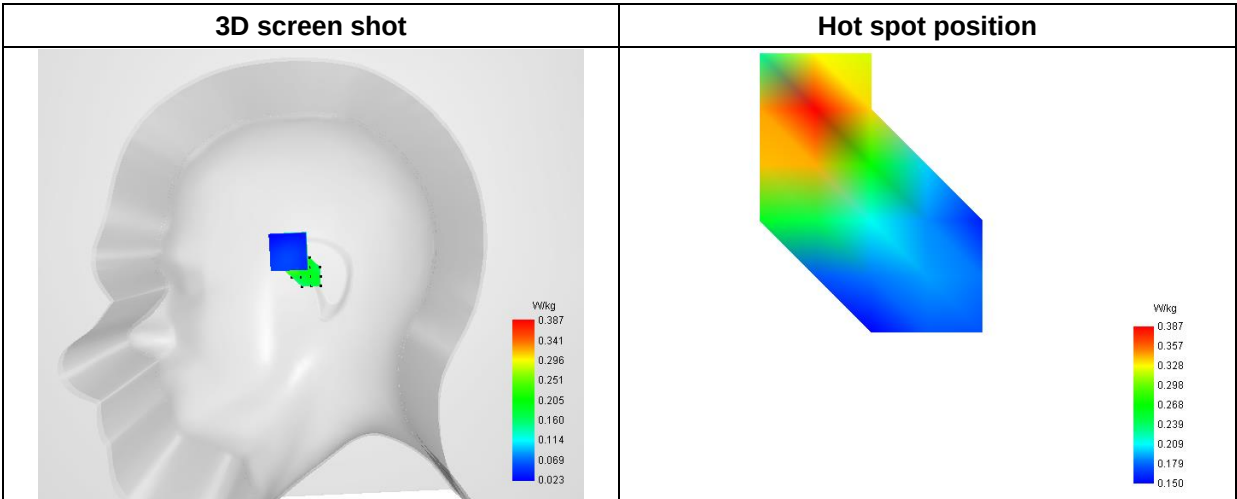
SAR 10g (W/Kg)	0.188900
SAR 1g (W/Kg)	0.347163

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5814	0.3751	0.2370	0.1485	0.0927



F. 3D Image



MEASUREMENT 5

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

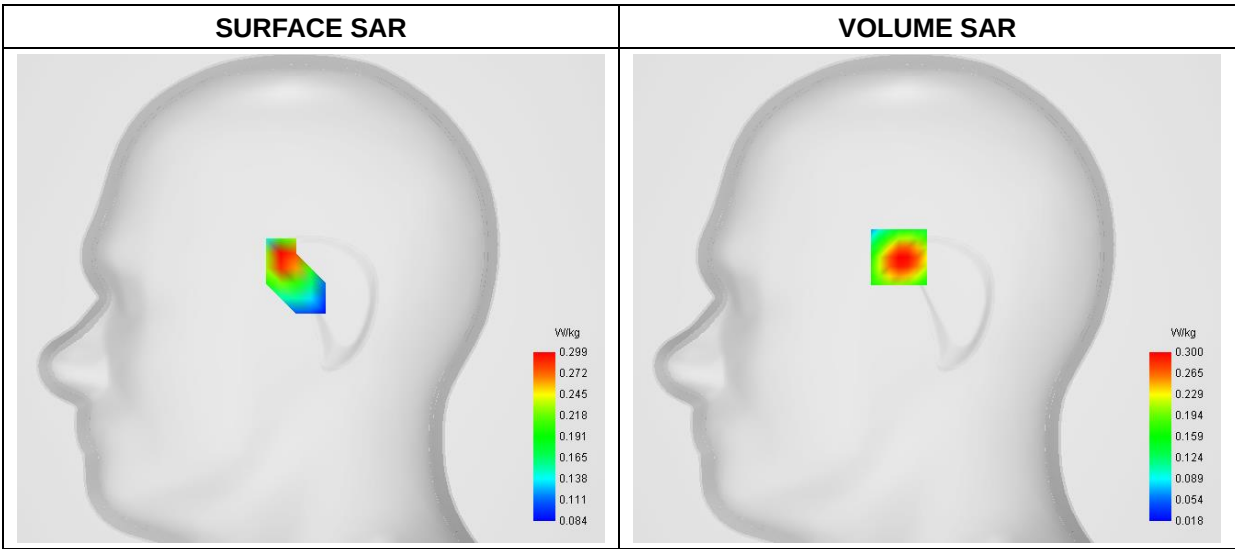
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA1900_RMC
Channels	Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	1.544700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



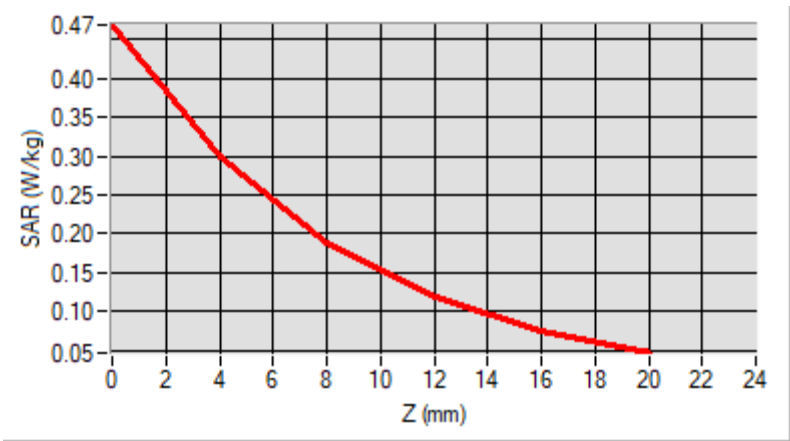
Maximum location: X=-15.00, Y=22.00

D. SAR 1g & 10g

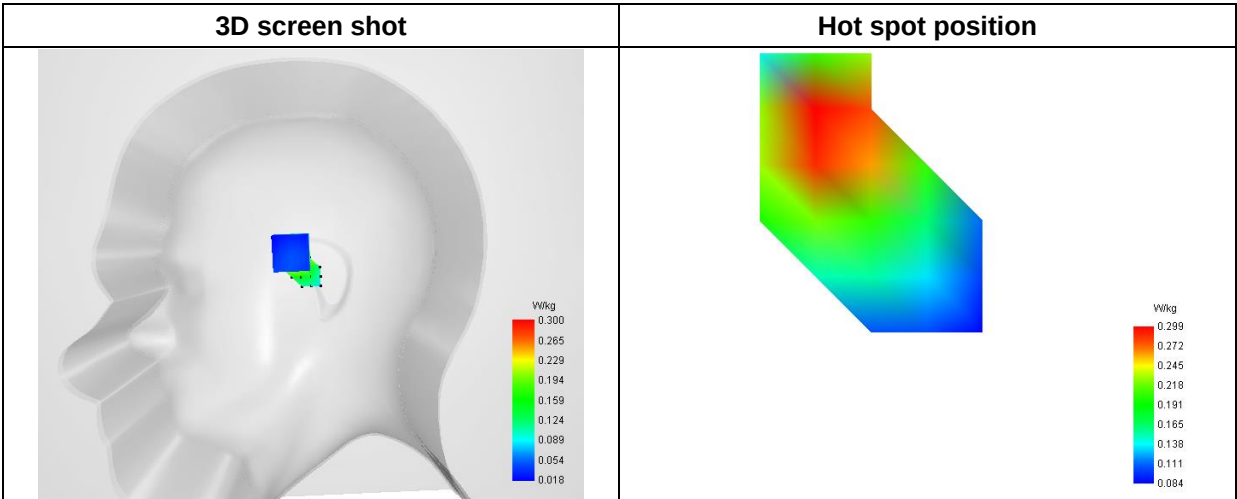
SAR 10g (W/Kg)	0.153614
SAR 1g (W/Kg)	0.281087

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4688	0.2997	0.1884	0.1185	0.0754



F. 3D Image



MEASUREMENT 6

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

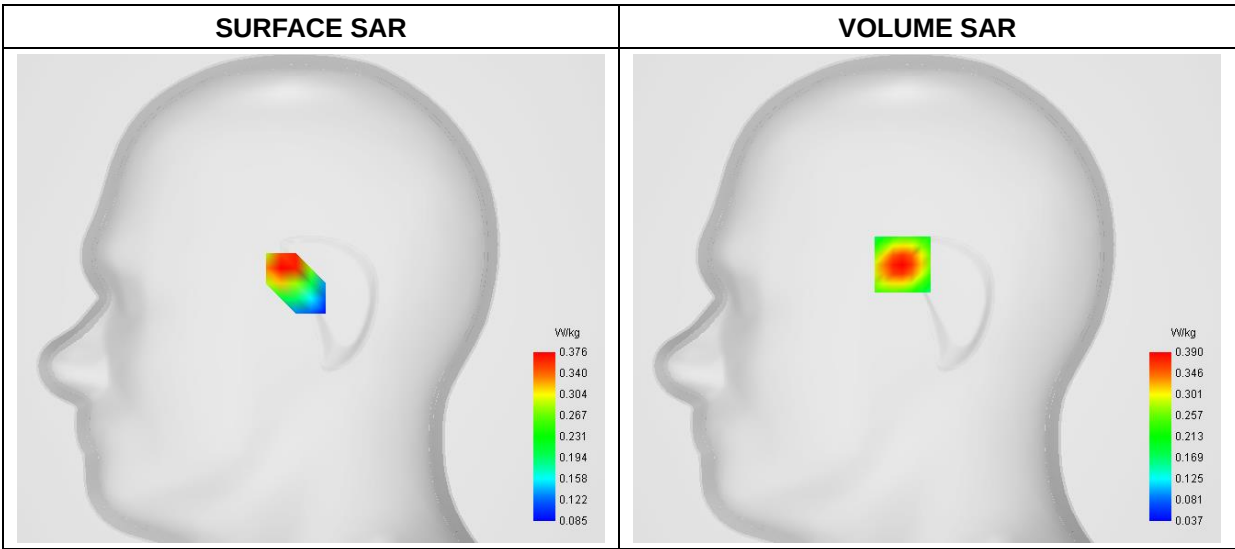
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA1700_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1712.400000
Relative Permittivity (real part)	39.541895
Conductivity (S/m)	1.371557
Power Variation (%)	1.417400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



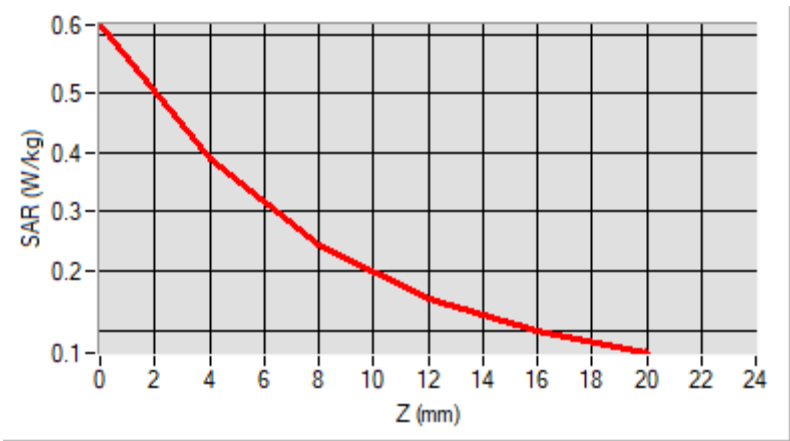
Maximum location: X=-13.00, Y=18.00

D. SAR 1g & 10g

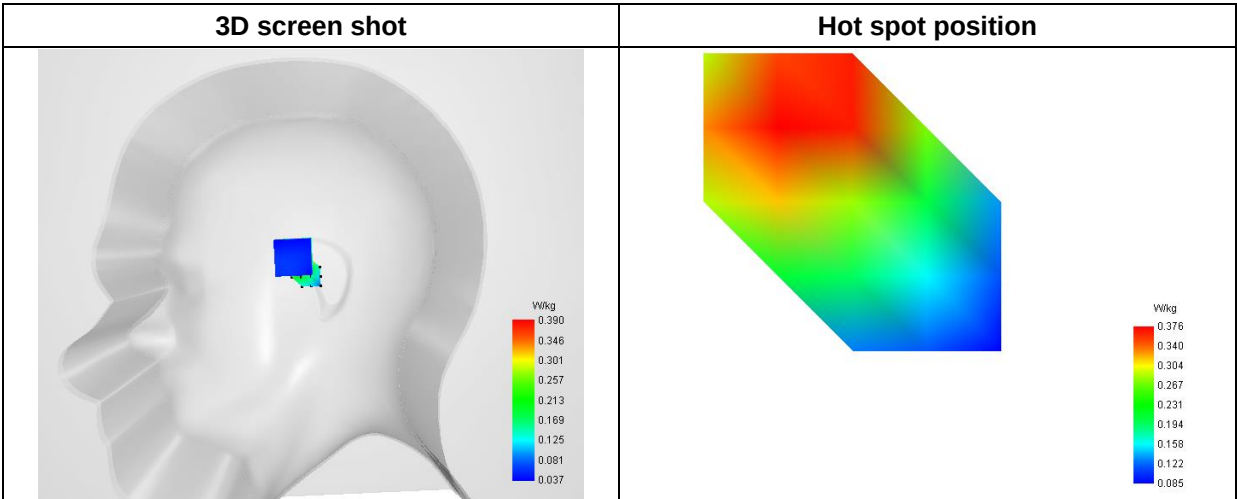
SAR 10g (W/Kg)	0.202456
SAR 1g (W/Kg)	0.362134

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6153	0.3897	0.2430	0.1525	0.0978



F. 3D Image



MEASUREMENT 7

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

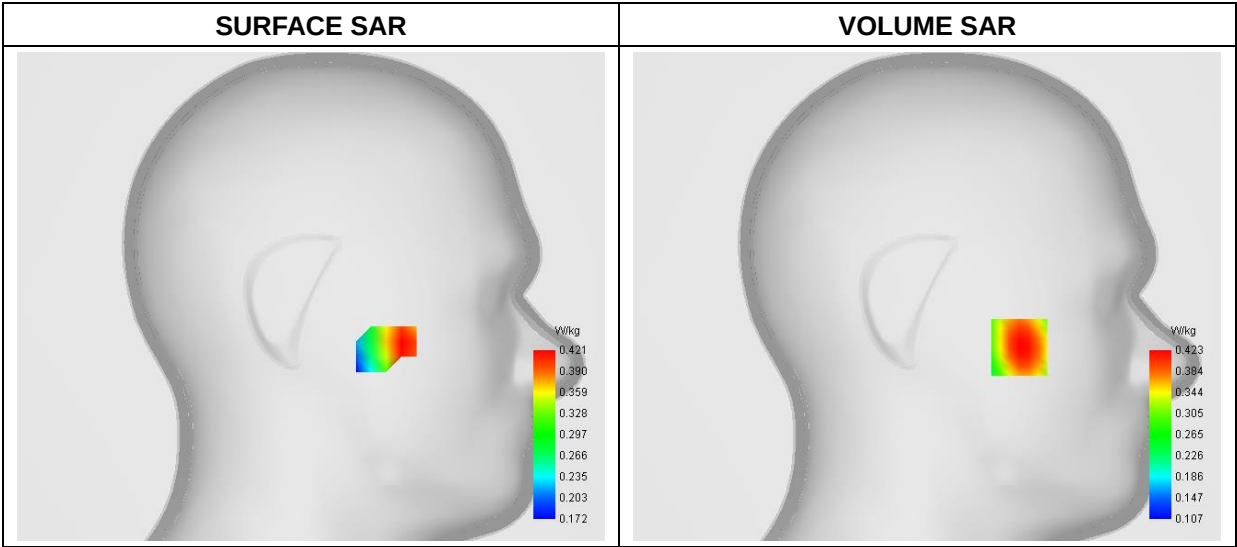
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	WCDMA850_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	846.600000
Relative Permittivity (real part)	42.264712
Conductivity (S/m)	0.871495
Power Variation (%)	1.317400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



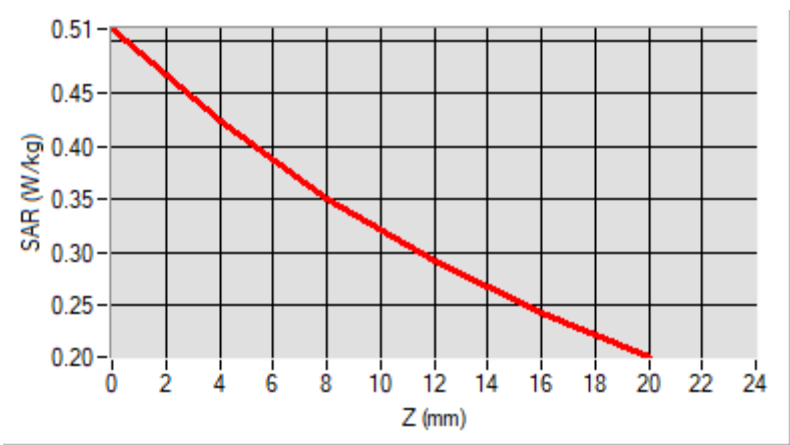
Maximum location: X=-49.00, Y=-27.00

D. SAR 1g & 10g

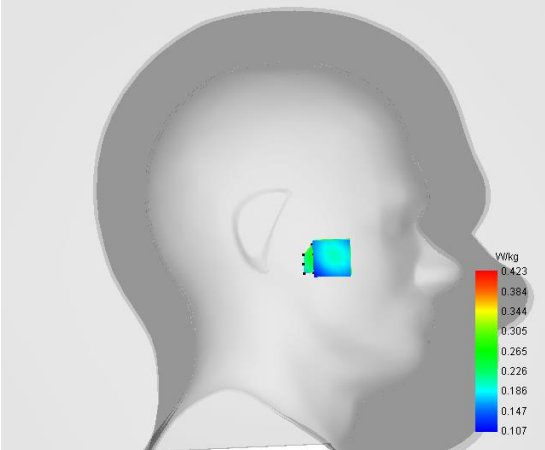
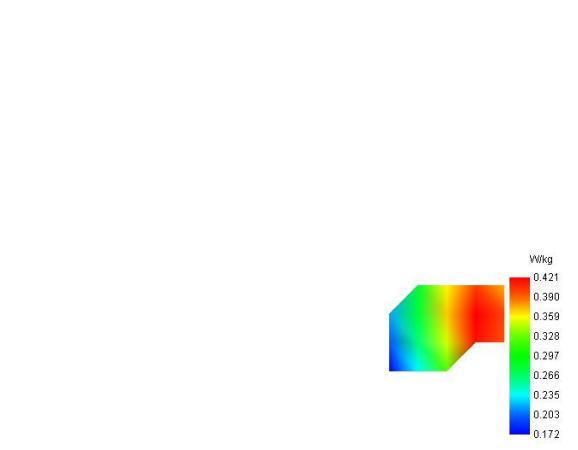
SAR 10g (W/Kg)	0.301919
SAR 1g (W/Kg)	0.405436

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5104	0.4231	0.3507	0.2916	0.2430



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 8

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

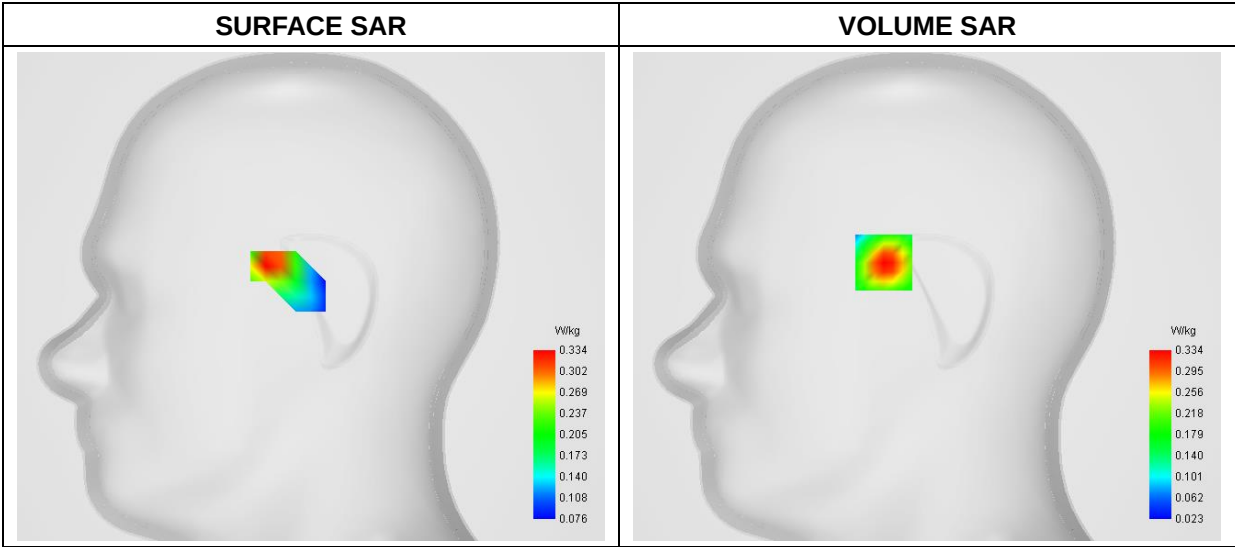
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.524216
Conductivity (S/m)	1.371368
Power Variation (%)	1.584700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



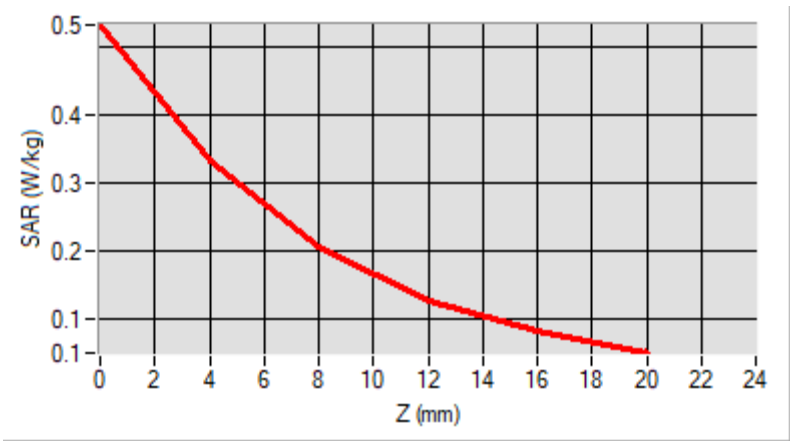
Maximum location: X=-23.00, Y=18.00

D. SAR 1g & 10g

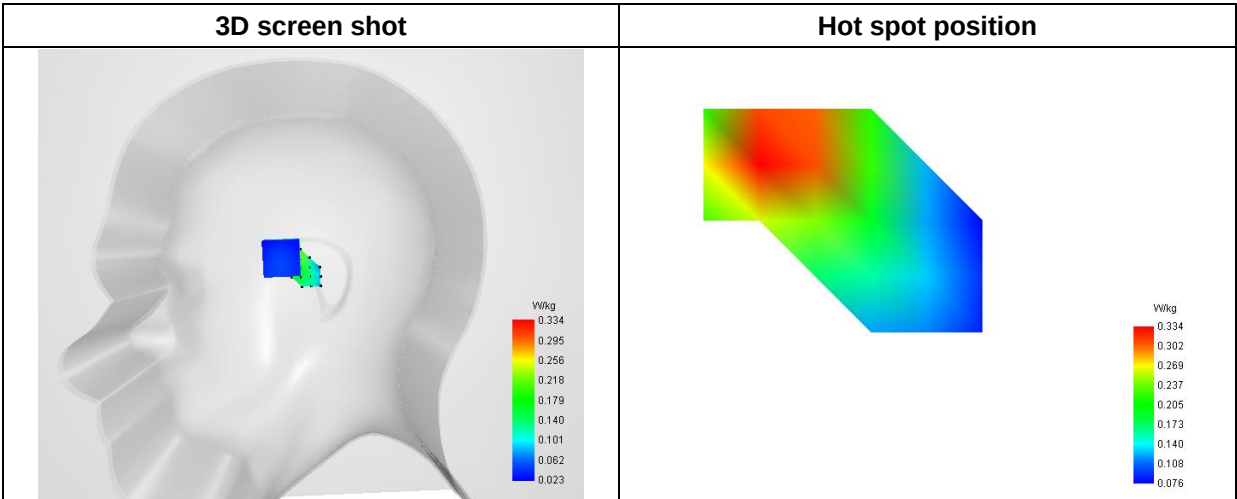
SAR 10g (W/Kg)	0.165652
SAR 1g (W/Kg)	0.308649

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5320	0.3343	0.2068	0.1289	0.0825



F. 3D Image



MEASUREMENT 9

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

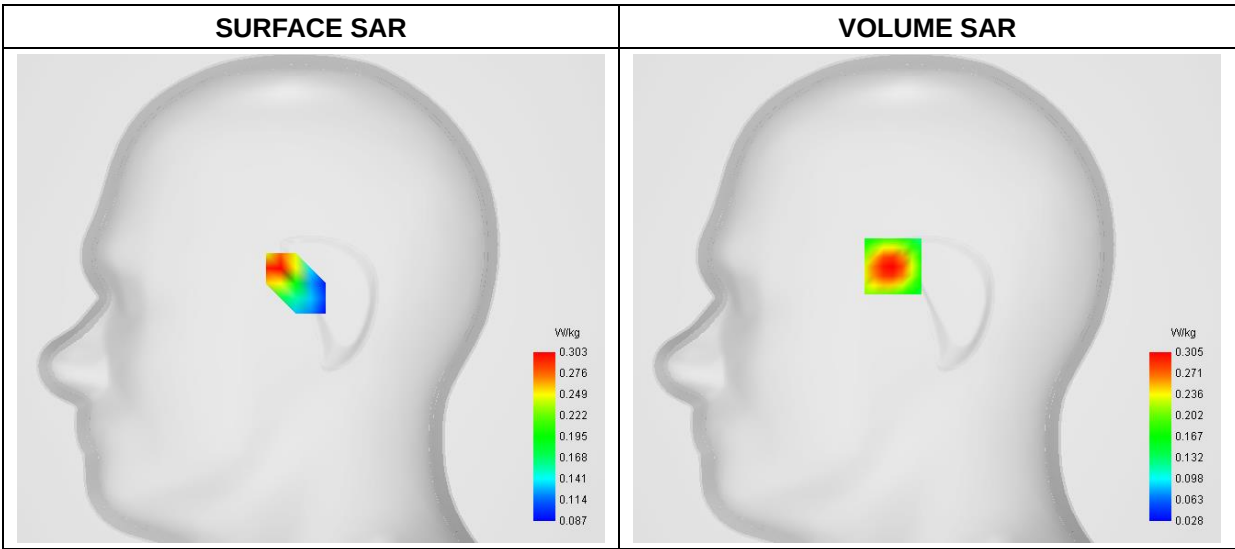
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 4
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.541489
Conductivity (S/m)	1.372508
Power Variation (%)	1.481400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



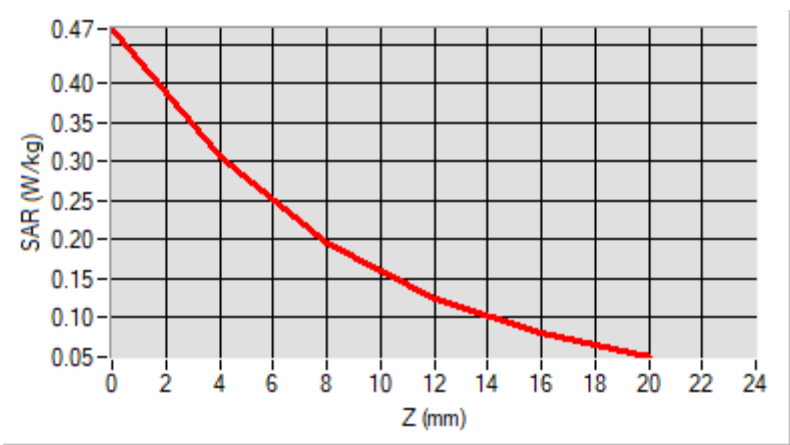
Maximum location: X=-18.00, Y=17.00

D. SAR 1g & 10g

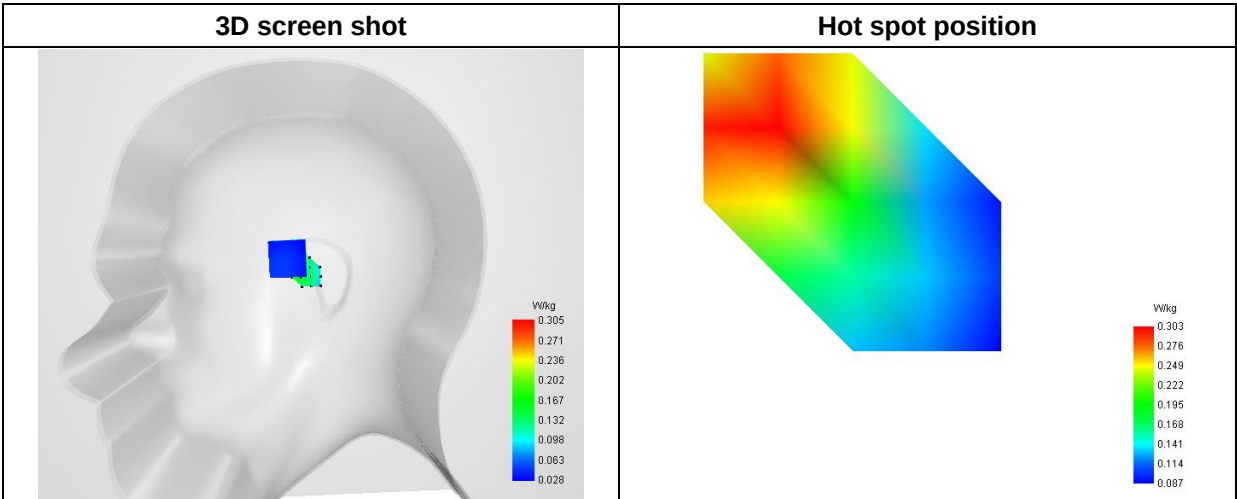
SAR 10g (W/Kg)	0.159379
SAR 1g (W/Kg)	0.283584

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4696	0.3054	0.1953	0.1246	0.0799



F. 3D Image



MEASUREMENT 10

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

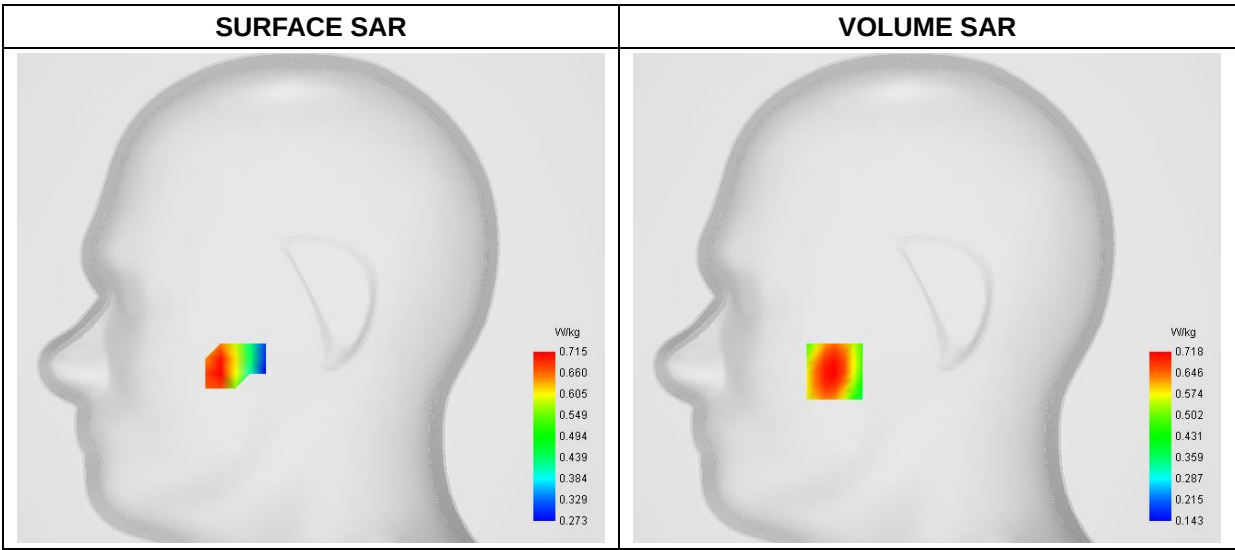
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative Permittivity (real part)	42.261692
Conductivity (S/m)	0.871828
Power Variation (%)	1.937100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

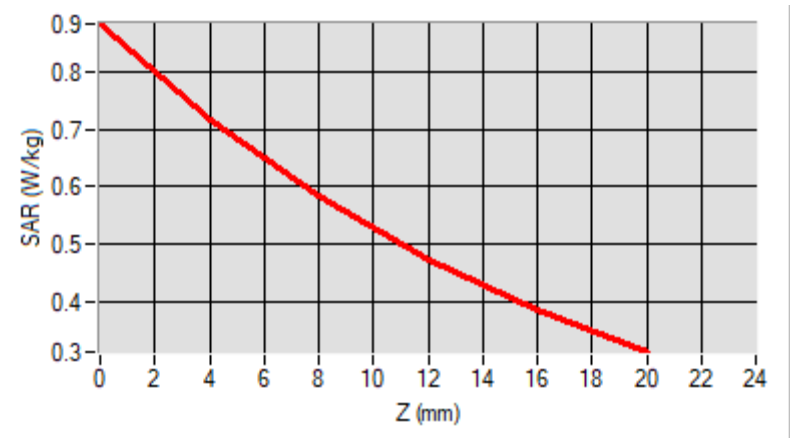


Maximum location: X=-49.00, Y=-39.00
D. SAR 1g & 10g

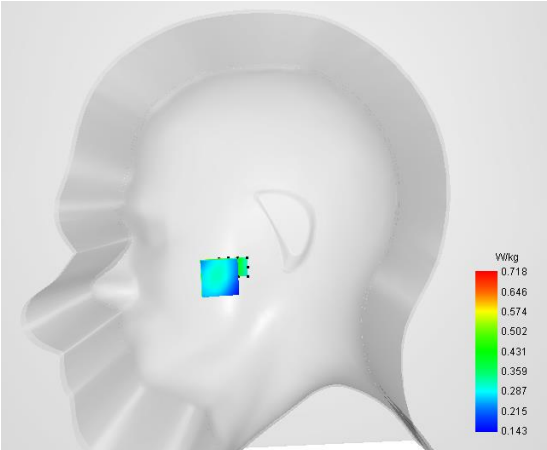
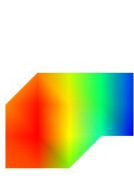
SAR 10g (W/Kg)	0.495951
SAR 1g (W/Kg)	0.585284

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8841	0.7180	0.5825	0.4737	0.3859



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 11

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

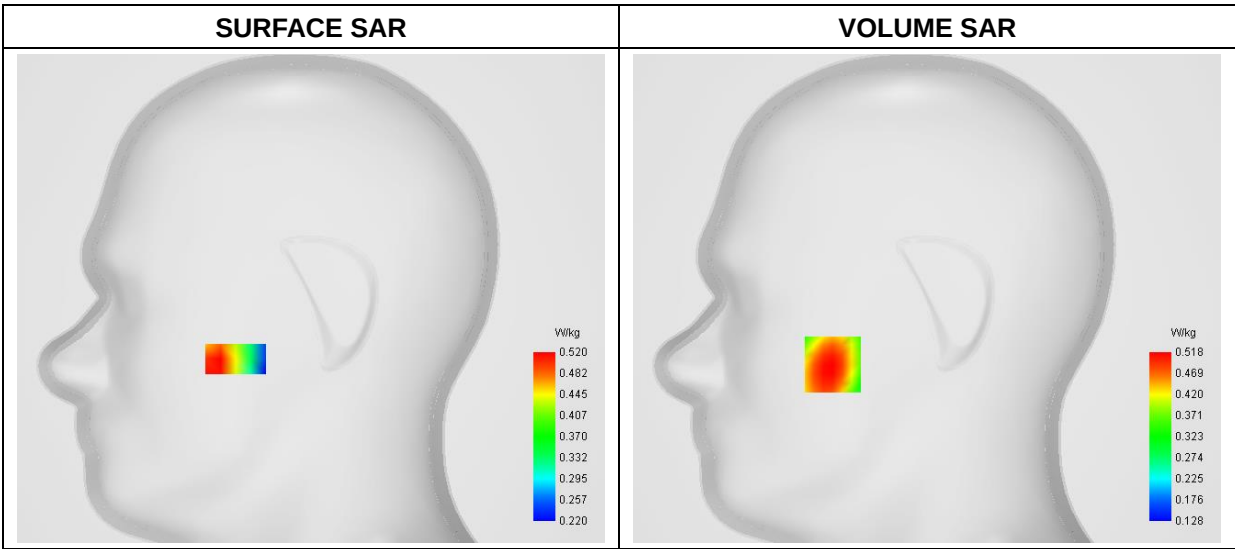
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 12
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	42.282941
Conductivity (S/m)	0.861023
Power Variation (%)	2.154700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



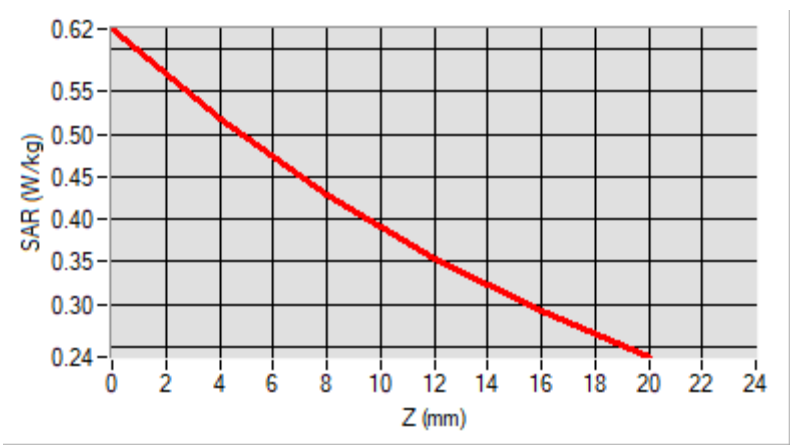
Maximum location: X=-50.00, Y=-35.00

D. SAR 1g & 10g

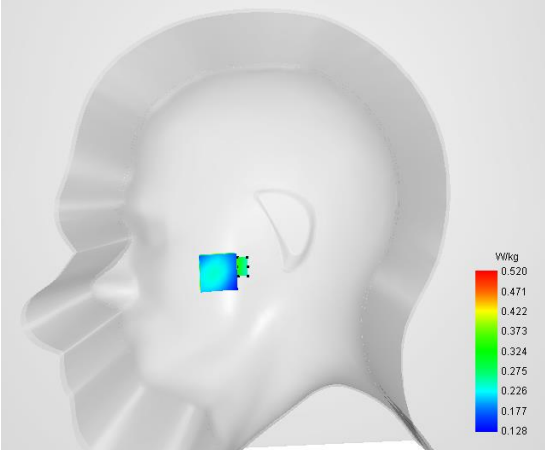
SAR 10g (W/Kg)	0.373892
SAR 1g (W/Kg)	0.506527

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6240	0.5178	0.4284	0.3540	0.2917



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 12

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

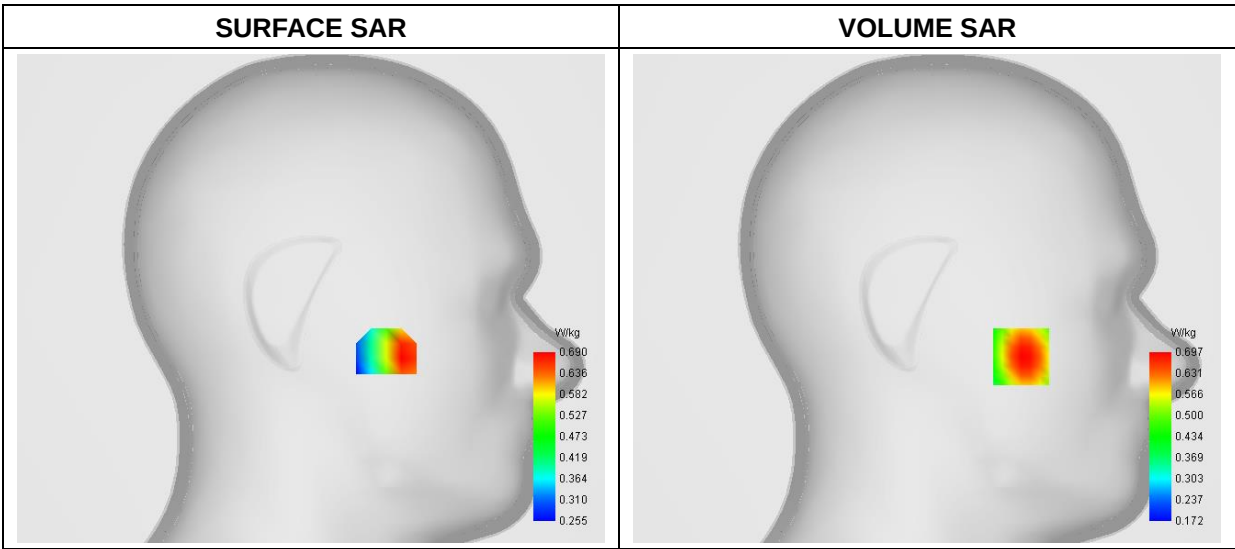
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 13
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	42.281457
Conductivity (S/m)	0.862447
Power Variation (%)	1.951400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



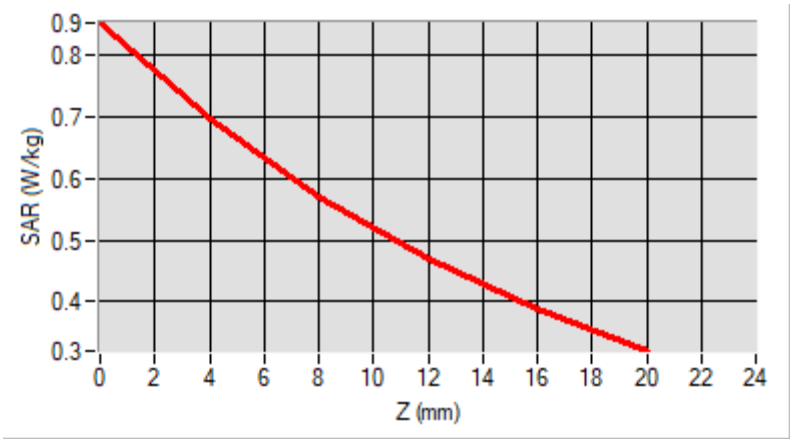
Maximum location: X=-50.00, Y=-31.00

D. SAR 1g & 10g

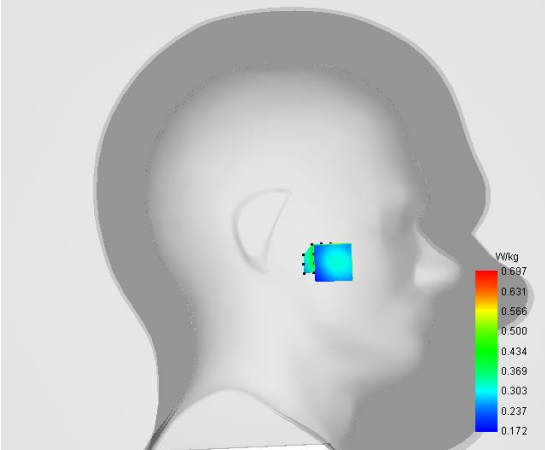
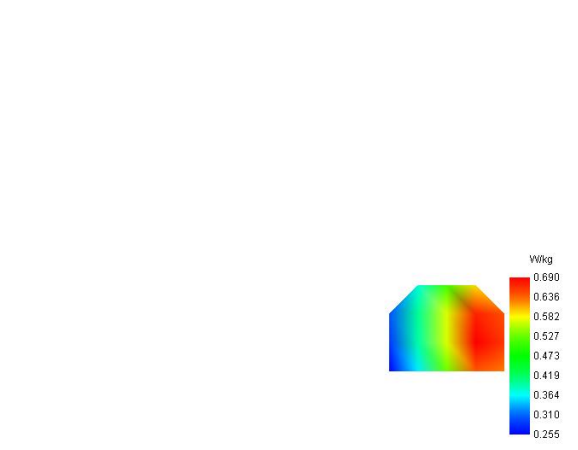
SAR 10g (W/Kg)	0.488056
SAR 1g (W/Kg)	0.665956

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8536	0.6971	0.5702	0.4692	0.3882



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 13

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

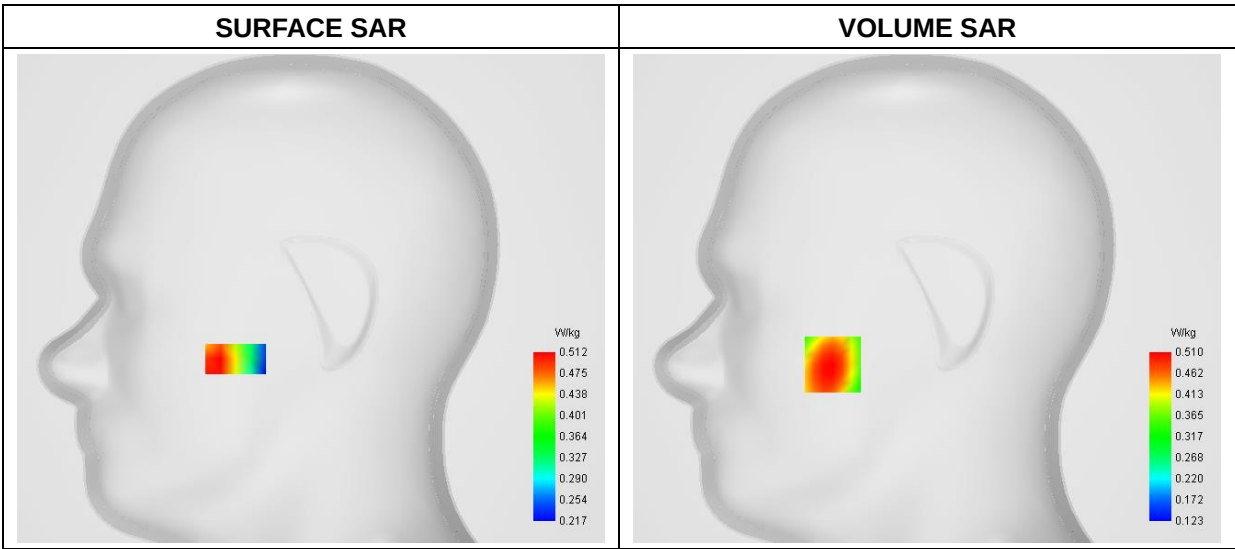
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	710.000000
Relative Permittivity (real part)	42.281634
Conductivity (S/m)	0.863645
Power Variation (%)	-1.421700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



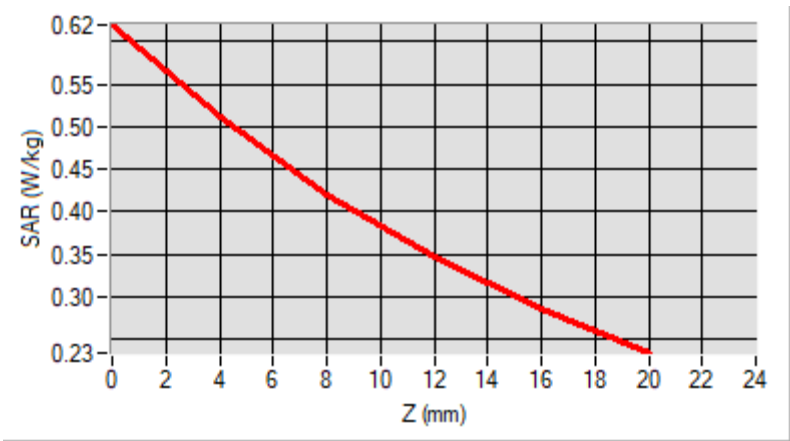
Maximum location: X=-50.00, Y=-35.00

D. SAR 1g & 10g

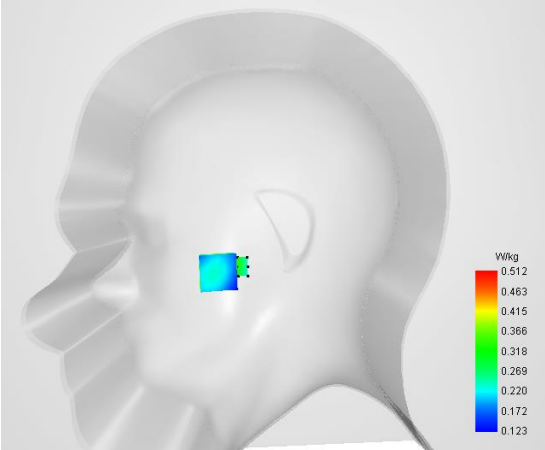
SAR 10g (W/Kg)	0.367438
SAR 1g (W/Kg)	0.499204

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6196	0.5102	0.4197	0.3459	0.2855



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 14

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

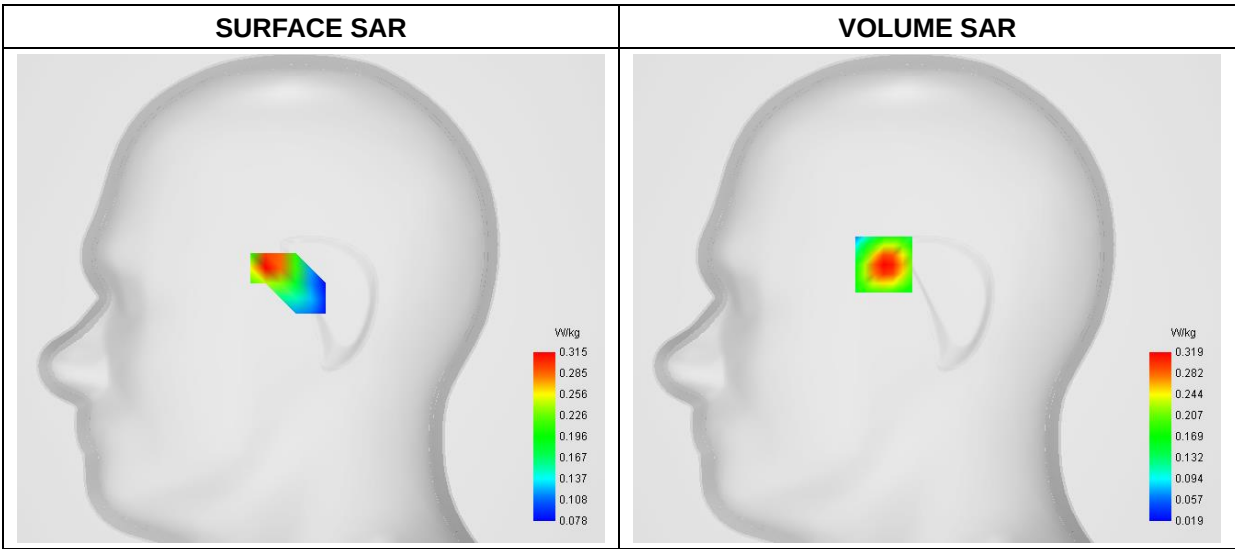
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 25
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1882.500000
Relative Permittivity (real part)	39.542631
Conductivity (S/m)	1.373625
Power Variation (%)	1.514700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



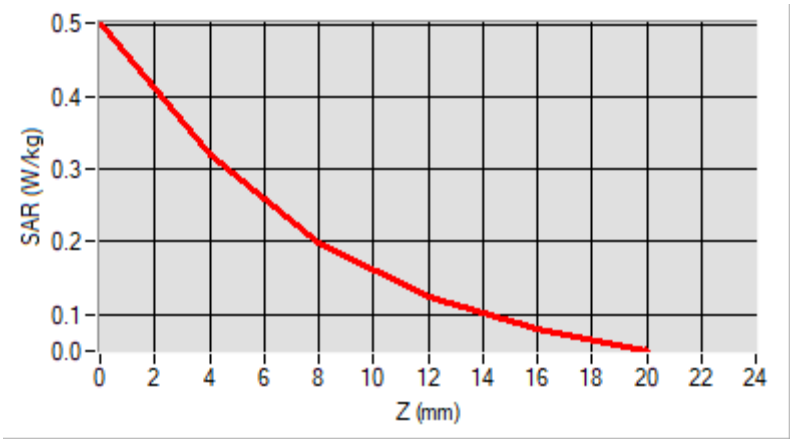
Maximum location: X=-23.00, Y=18.00

D. SAR 1g & 10g

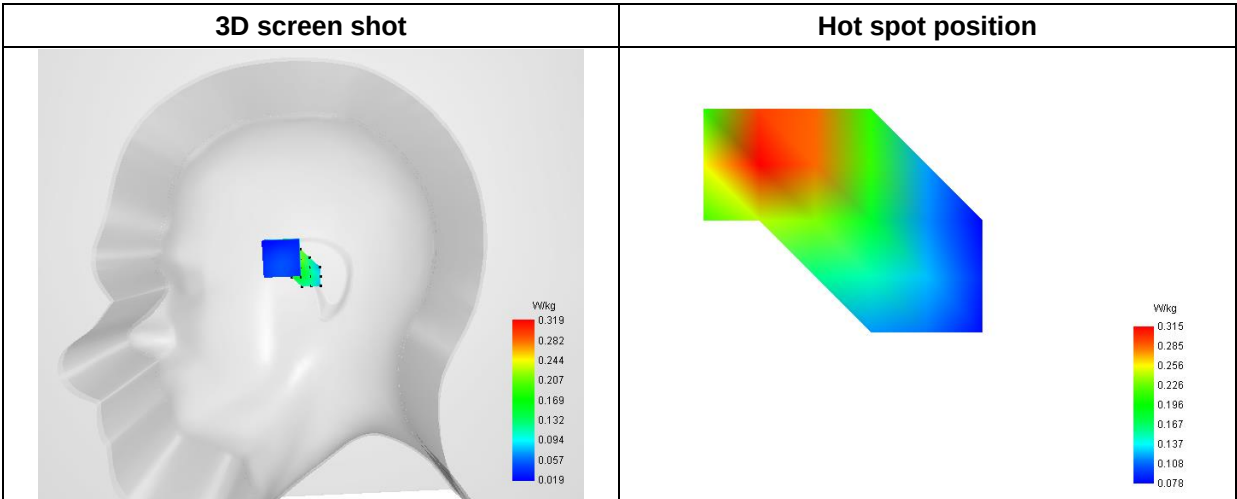
SAR 10g (W/Kg)	0.158644
SAR 1g (W/Kg)	0.294231

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5026	0.3191	0.1992	0.1248	0.0795



F. 3D Image



MEASUREMENT 15

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

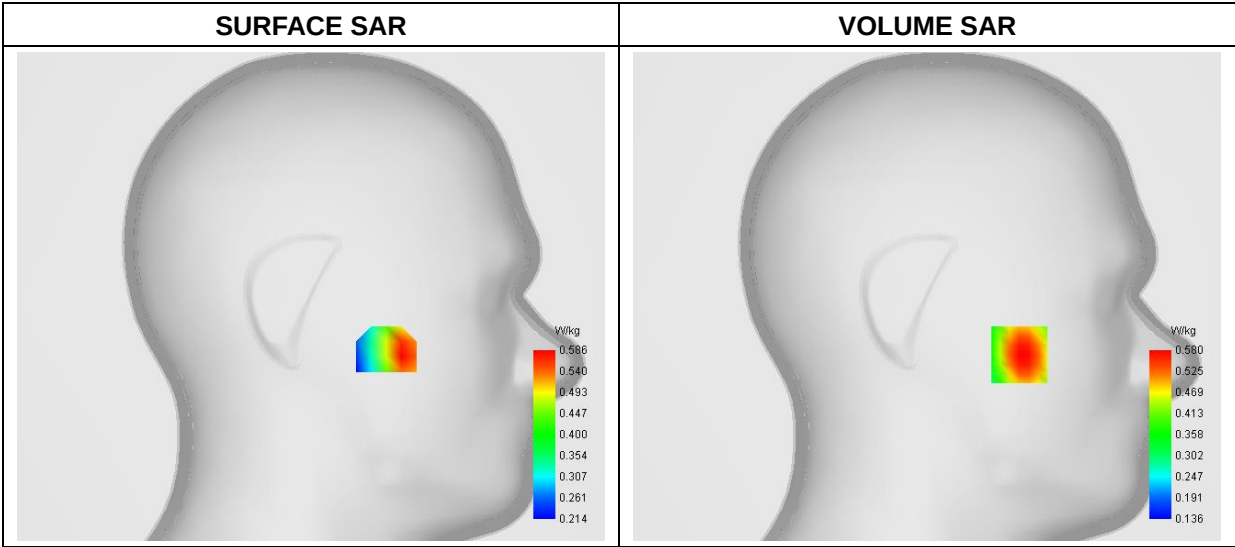
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 26(814-824MHz)
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	821.500000
Relative Permittivity (real part)	42.281512
Conductivity (S/m)	0.862026
Power Variation (%)	1.184700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



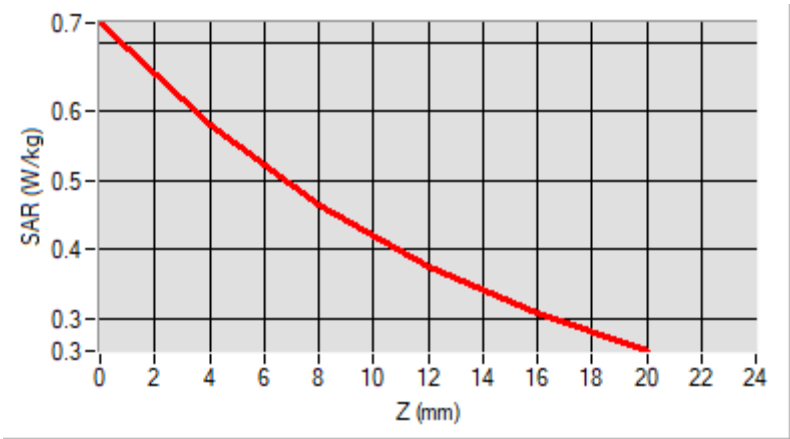
Maximum location: X=-49.00, Y=-31.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.399661
SAR 1g (W/Kg)	0.554377

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7291	0.5801	0.4641	0.3758	0.3085



F. 3D Image

3D screen shot	Hot spot position
A 3D rendering of a human head model in profile, facing right. A small, localized area of high SAR (red) is visible near the ear. A color scale on the right indicates SAR values from 0.136 to 0.586 W/kg.	A 2D color-coded image showing the hot spot position. The color scale on the right indicates SAR values from 0.214 to 0.598 W/kg.

MEASUREMENT 16

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

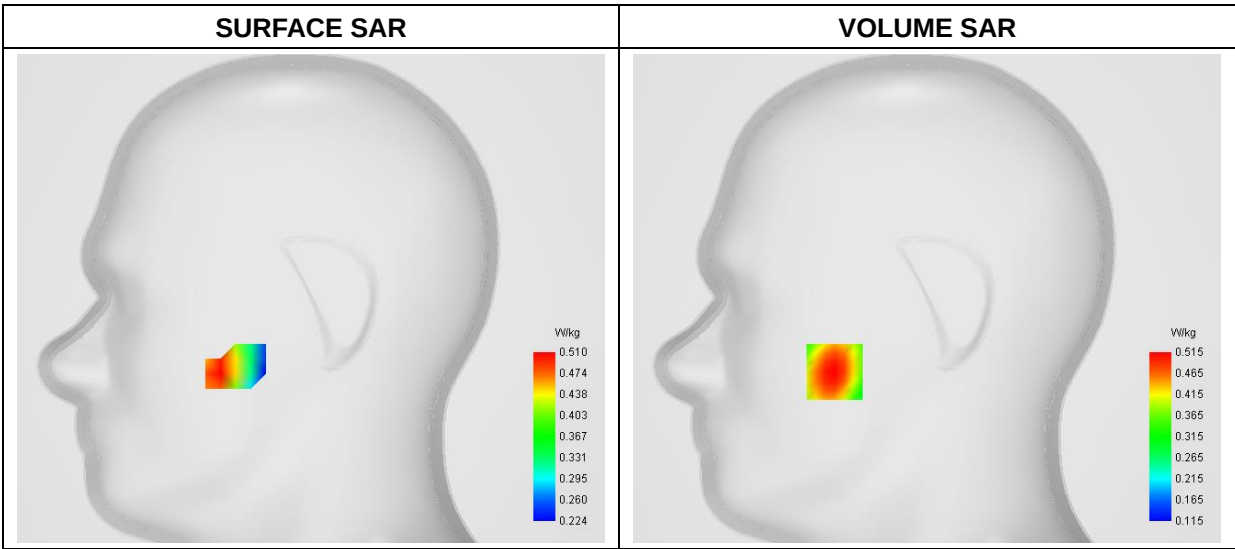
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 26(824-849MHz)
Channels	QPSK, 15MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	831.0000000
Relative Permittivity (real part)	42.262454
Conductivity (S/m)	0.872978
Power Variation (%)	1.251500
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



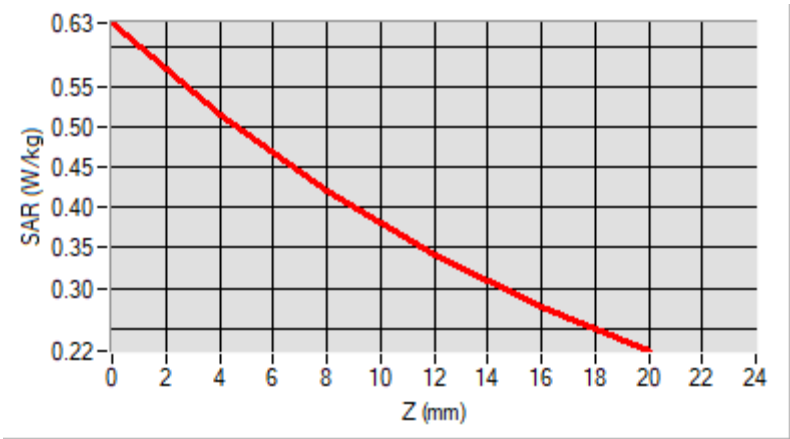
Maximum location: X=-49.00, Y=-39.00

D. SAR 1g & 10g

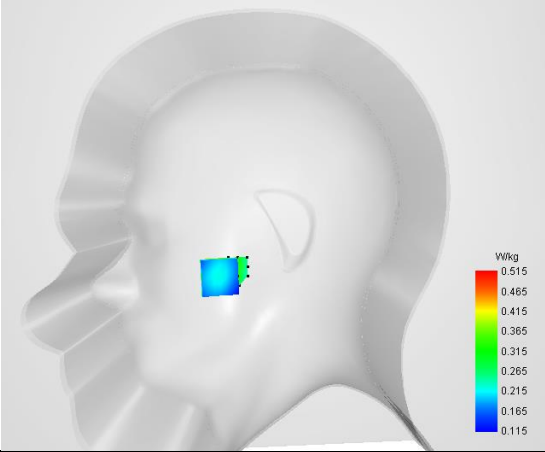
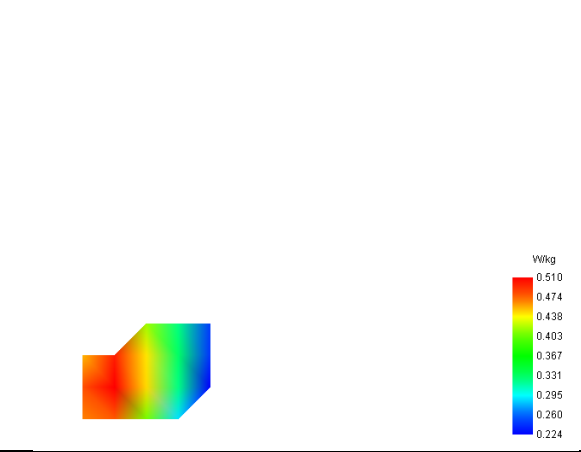
SAR 10g (W/Kg)	0.354096
SAR 1g (W/Kg)	0.489777

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6299	0.5151	0.4197	0.3414	0.2769



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 17

Type: Phone measurement (Complete)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 3 seconds

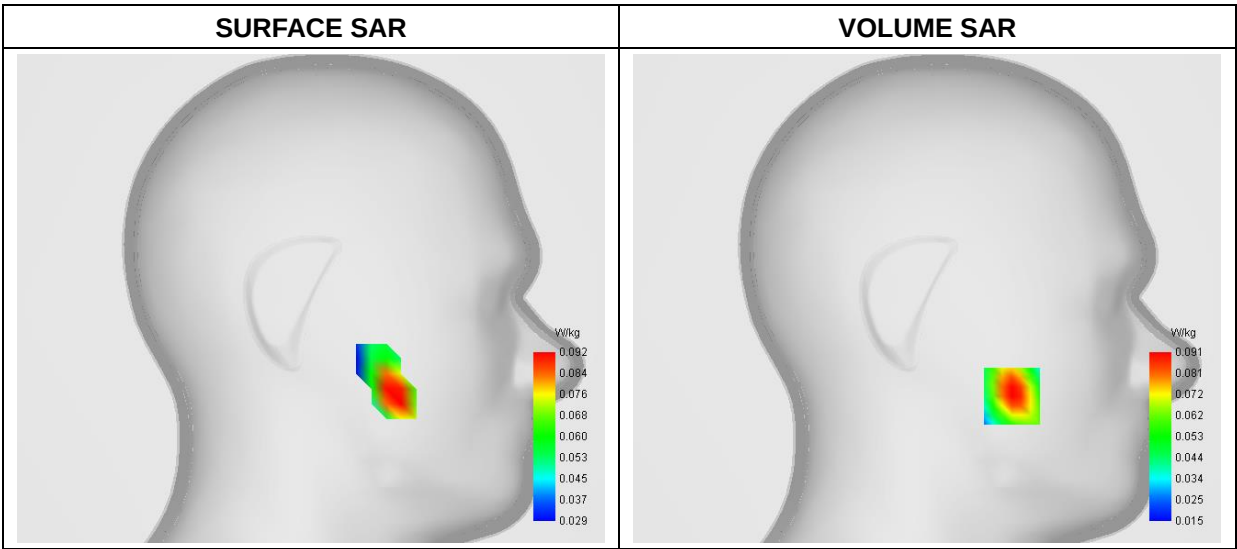
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 41
Channels	16QAM, 15MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2680.000000
Relative Permittivity (real part)	38.872561
Conductivity (S/m)	1.943017
Power Variation (%)	1.527400
Ambient Temperature	22.1
Liquid Temperature	22.1

C. SAR Surface and Volume



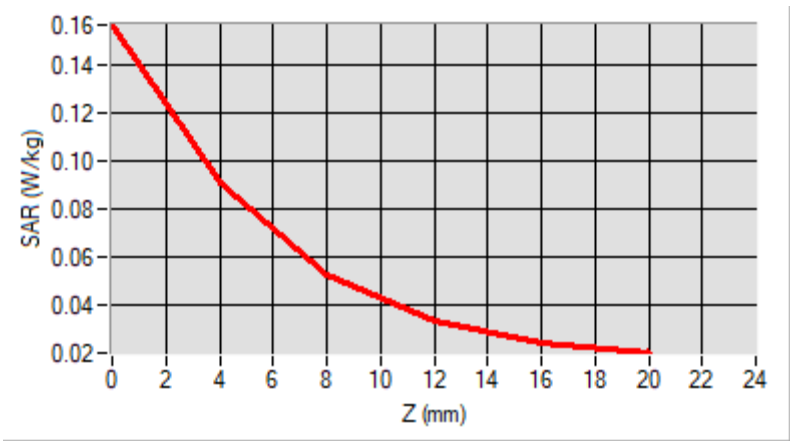
Maximum location: X=-45.00, Y=-52.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.049314
SAR 1g (W/Kg)	0.085674

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1570	0.0905	0.0525	0.0331	0.0243



F. 3D Image

3D screen shot	Hot spot position
A 3D rendering of a human head model in profile, facing right. A small, localized area of high SAR (red) is visible on the side of the head, near the ear. A color scale on the right indicates SAR values from 0.015 to 0.092 W/kg.	A 3D rendering of the same human head model, showing the hot spot position. The color scale on the right indicates SAR values from 0.029 to 0.092 W/kg. The hot spot is located on the side of the head, near the ear.

MEASUREMENT 18

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

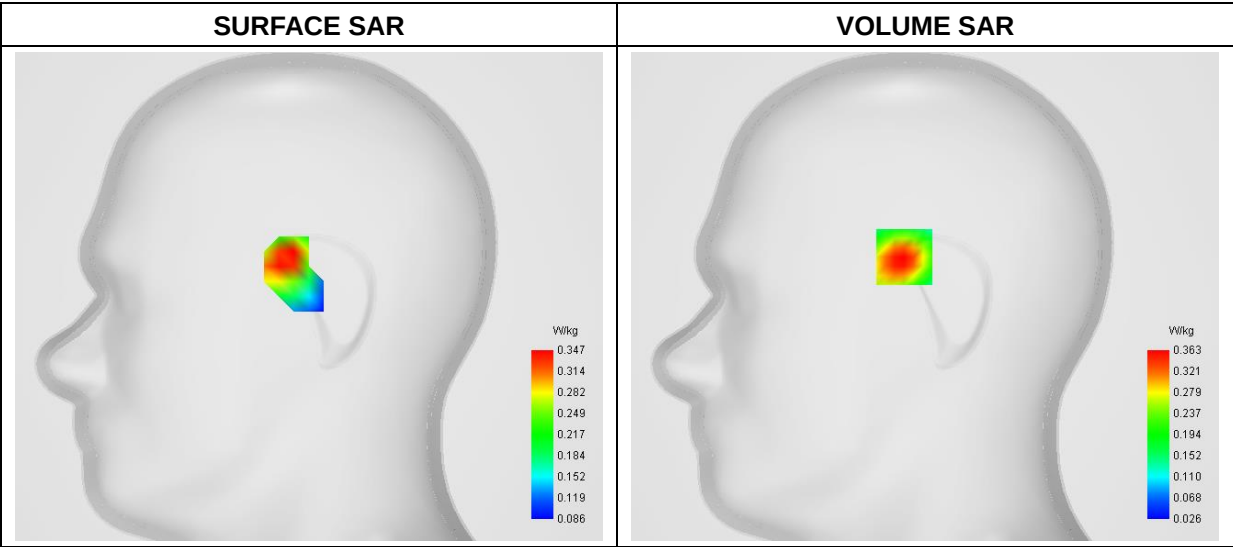
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 66
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1745.000000
Relative Permittivity (real part)	39.542890
Conductivity (S/m)	1.374508
Power Variation (%)	1.517400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



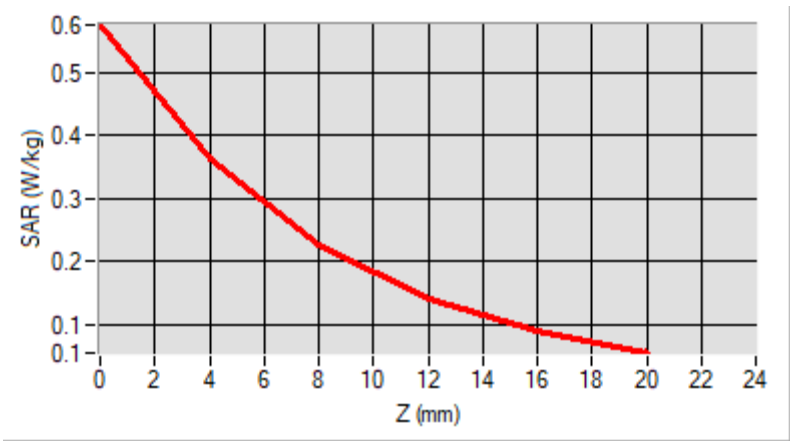
Maximum location: X=-11.00, Y=21.00

D. SAR 1g & 10g

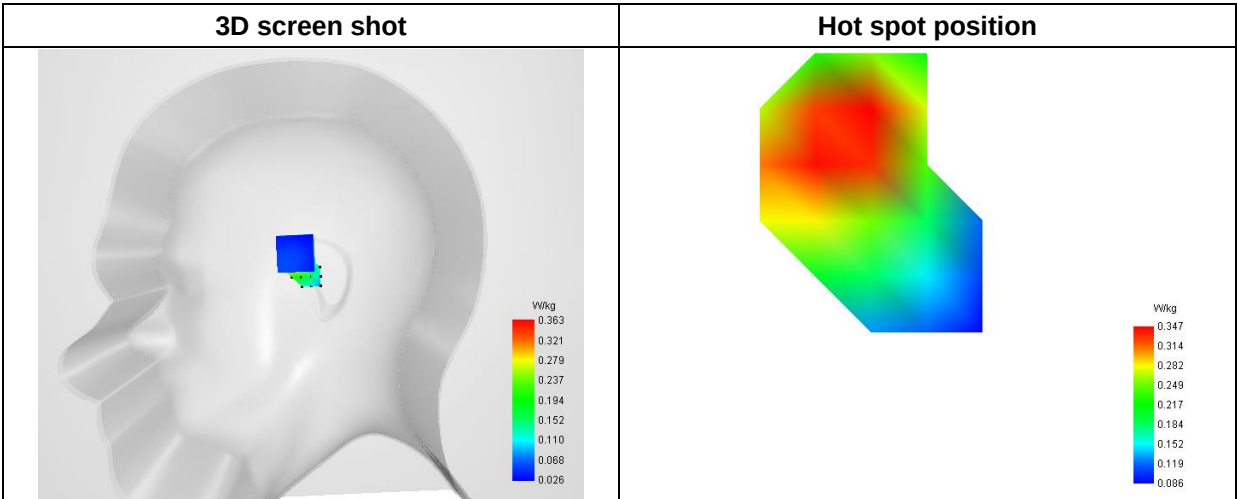
SAR 10g (W/Kg)	0.187409
SAR 1g (W/Kg)	0.338796

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5758	0.3634	0.2254	0.1404	0.0891



F. 3D Image



MEASUREMENT 19

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

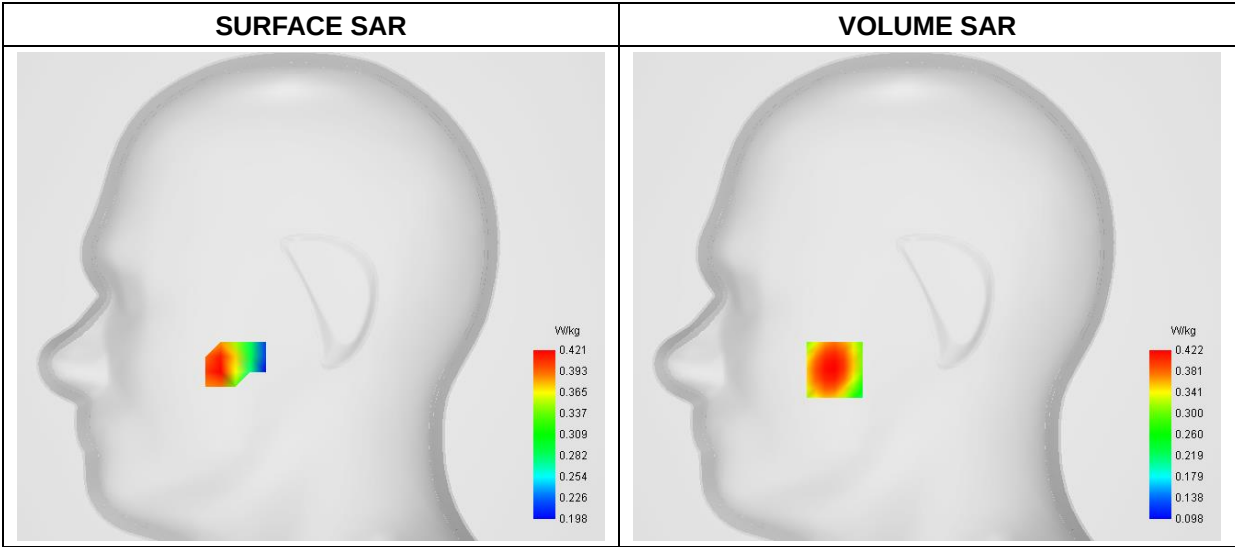
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 71
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	673.000000
Relative Permittivity (real part)	42.284951
Conductivity (S/m)	0.863071
Power Variation (%)	2.451400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



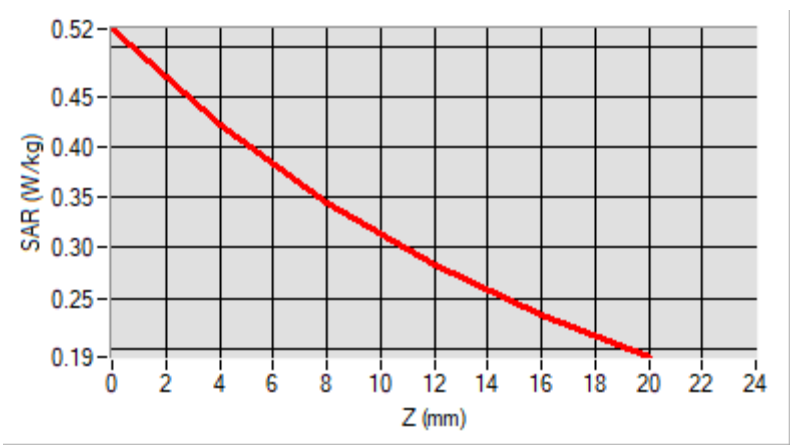
Maximum location: X=-49.00, Y=-39.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.302578
SAR 1g (W/Kg)	0.412204

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5174	0.4216	0.3441	0.2825	0.2332



F. 3D Image

3D screen shot	Hot spot position
A 3D model of a human head in profile, facing left. A small rectangular area on the side of the head is highlighted with a color gradient from blue to green, indicating a hot spot. A color scale legend on the right shows values from 0.098 to 0.422 W/kg.	A 3D model of a human head in profile, facing left. A small rectangular area on the side of the head is highlighted with a color gradient from red to orange, indicating a hot spot. A color scale legend on the right shows values from 0.198 to 0.421 W/kg.

MEASUREMENT 20

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

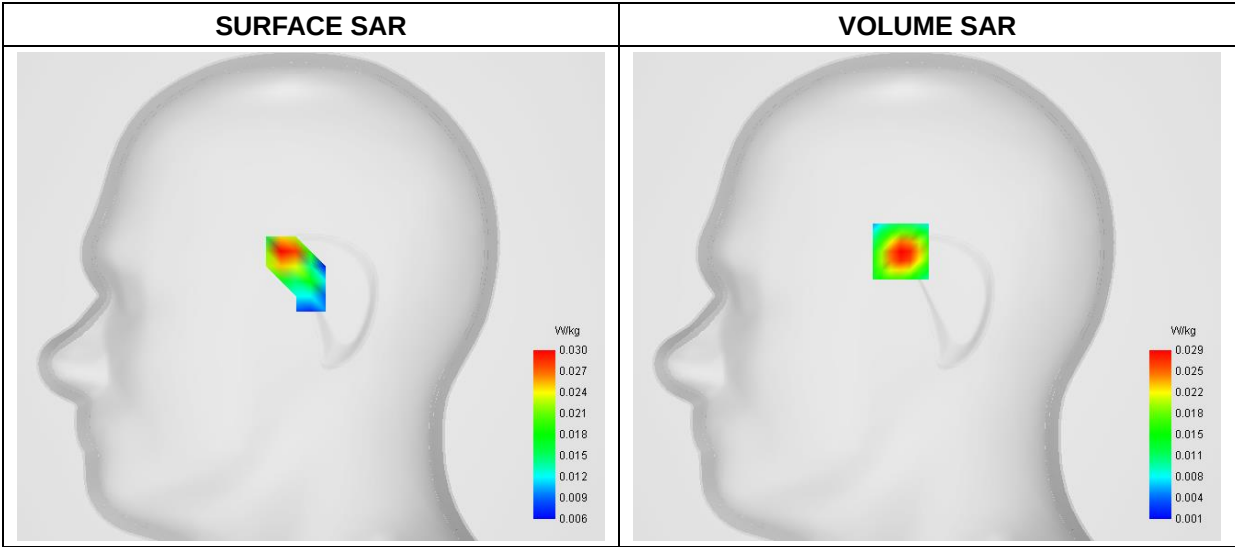
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	NR n2
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	1.511700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



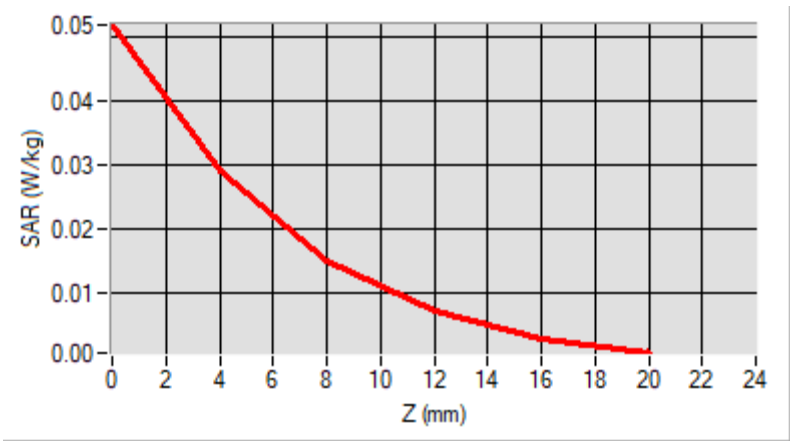
Maximum location: X=-14.00, Y=24.00

D. SAR 1g & 10g

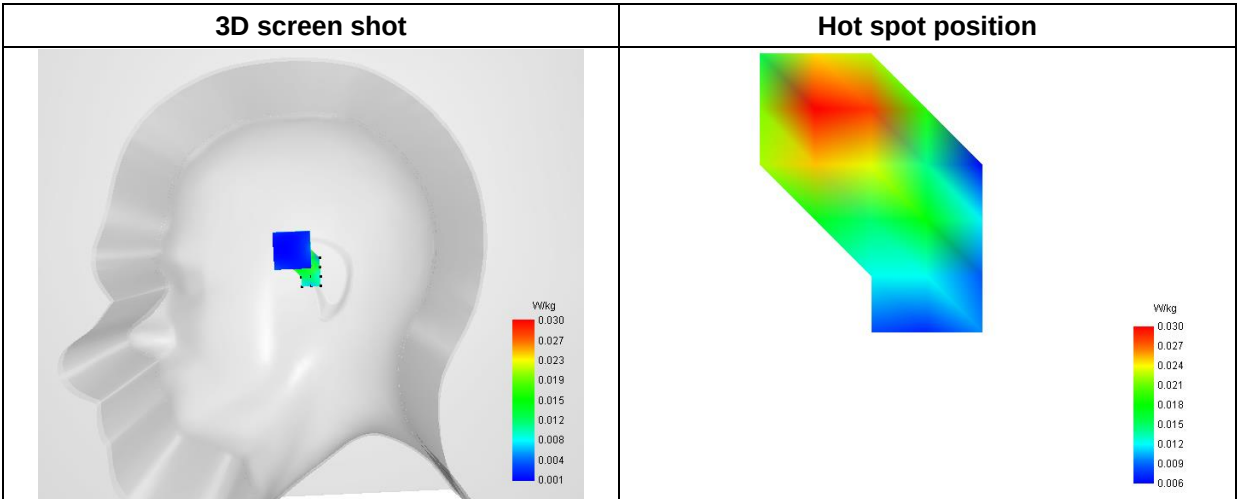
SAR 10g (W/Kg)	0.012430
SAR 1g (W/Kg)	0.026695

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0518	0.0290	0.0151	0.0072	0.0030



F. 3D Image



MEASUREMENT 21

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

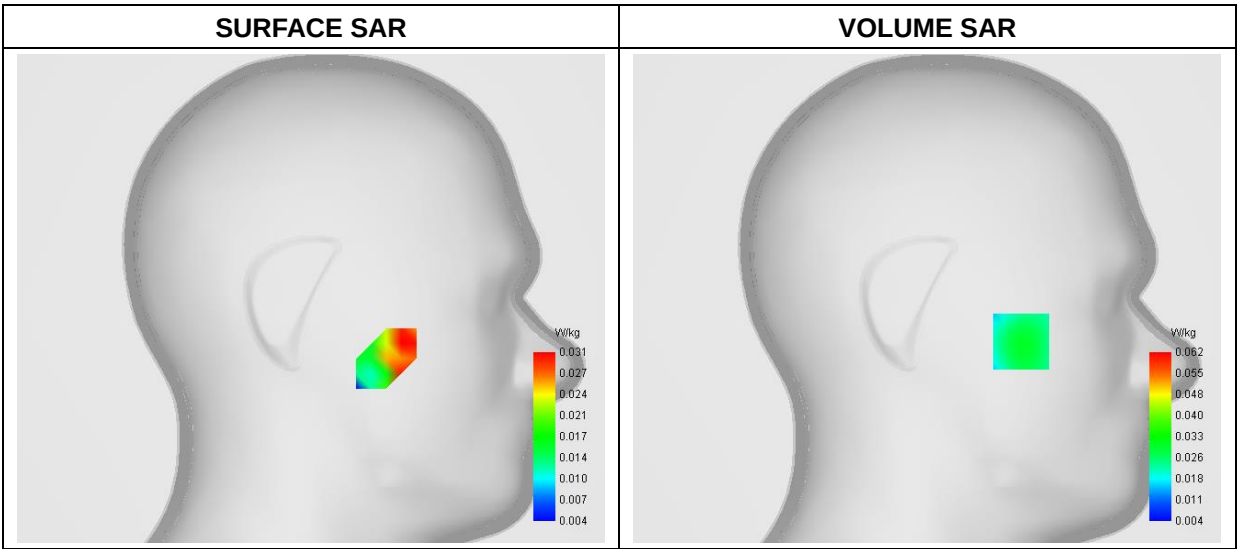
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	NR n5
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	839.000000
Relative Permittivity (real part)	42.257320
Conductivity (S/m)	0.871498
Power Variation (%)	1.511400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



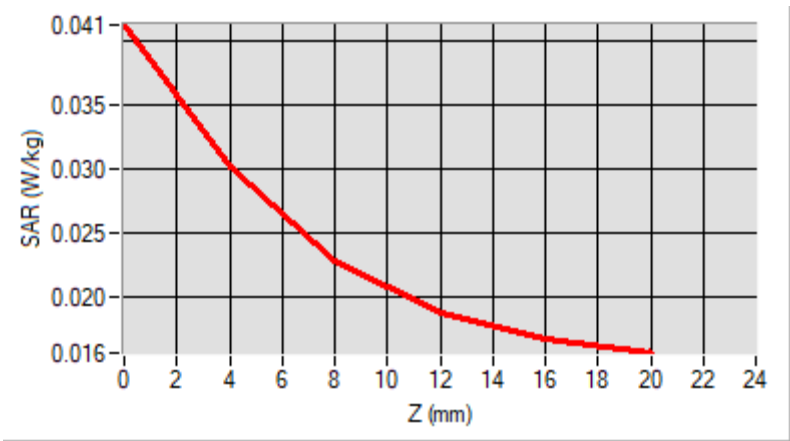
Maximum location: X=-50.00, Y=-23.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.021765
SAR 1g (W/Kg)	0.033138

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0413	0.0301	0.0229	0.0187	0.0167



F. 3D Image

3D screen shot	Hot spot position
A 3D rendering of a human head model in profile, facing right. A small, rectangular hot spot is visible on the side of the head, colored blue. A color scale legend on the right indicates SAR values from 0.004 (blue) to 0.062 (red) W/kg.	A 3D rendering of the hot spot area, showing a rectangular volume. A color scale legend on the right indicates SAR values from 0.004 (blue) to 0.031 (red) W/kg.

MEASUREMENT 22

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

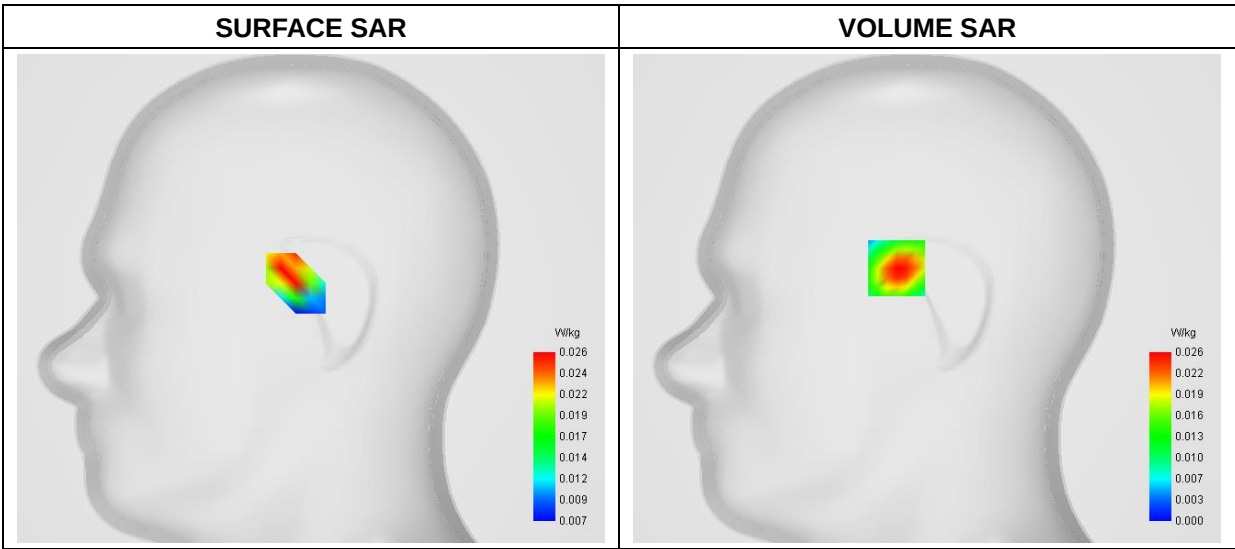
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	NR n25
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1882.500000
Relative Permittivity (real part)	39.542631
Conductivity (S/m)	1.373625
Power Variation (%)	1.235100
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



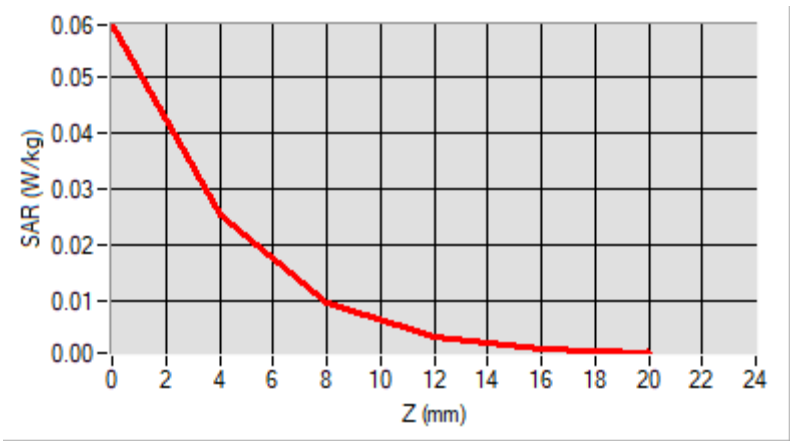
Maximum location: X=-16.00, Y=16.00

D. SAR 1g & 10g

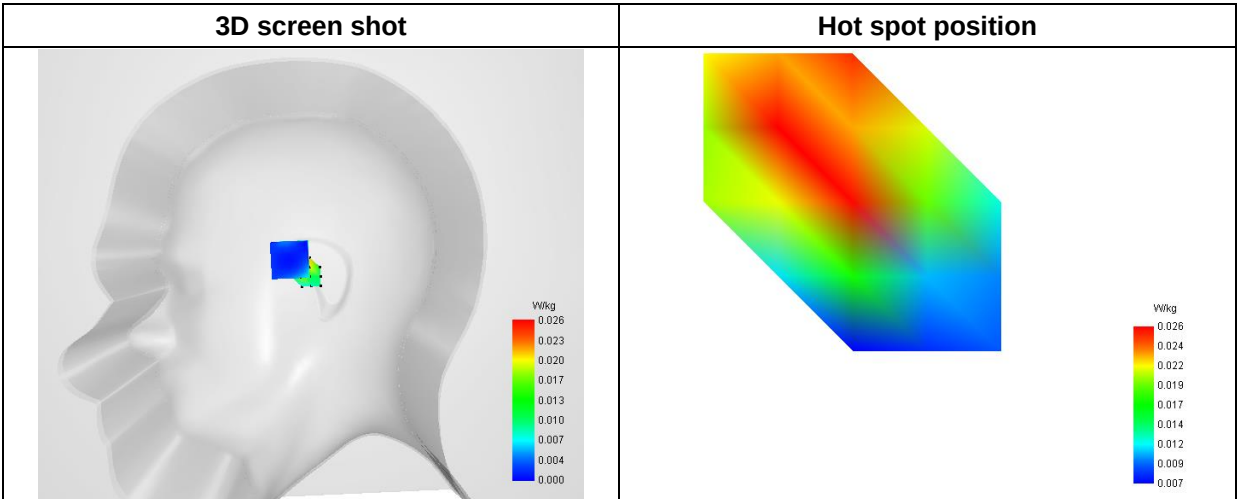
SAR 10g (W/Kg)	0.011906
SAR 1g (W/Kg)	0.025530

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0591	0.0255	0.0097	0.0035	0.0015



F. 3D Image



MEASUREMENT 23

Type: Phone measurement (Complete)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 3 seconds

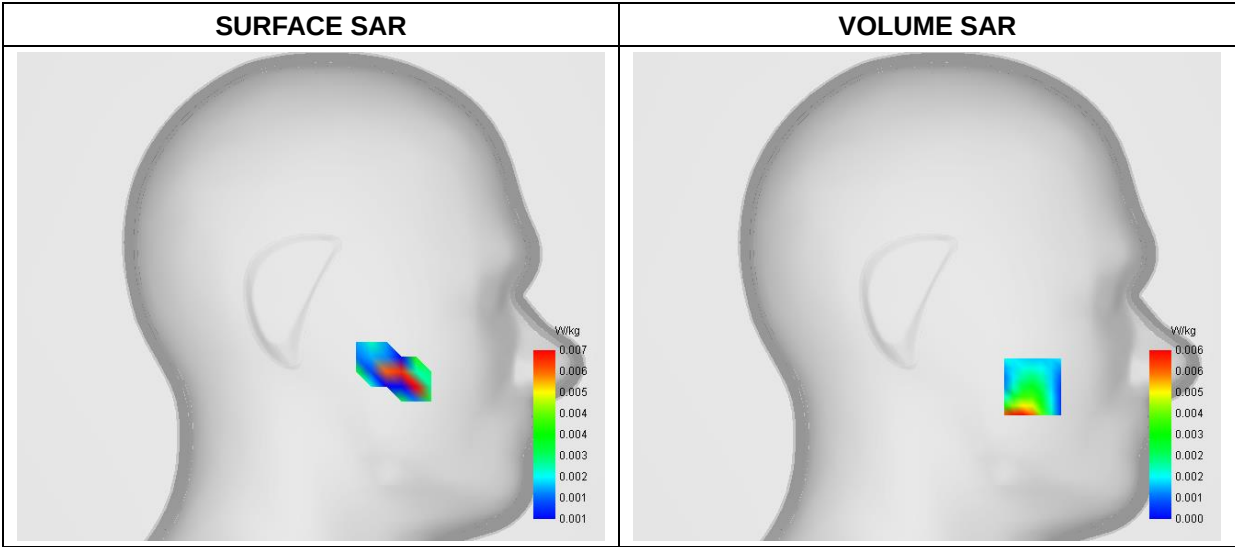
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	NR n41
Channels	DFT-s-OFDM QPSK, 100MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2640.000000
Relative Permittivity (real part)	38.874295
Conductivity (S/m)	1.932356
Power Variation (%)	-0.414700
Ambient Temperature	22.1
Liquid Temperature	22.1

C. SAR Surface and Volume



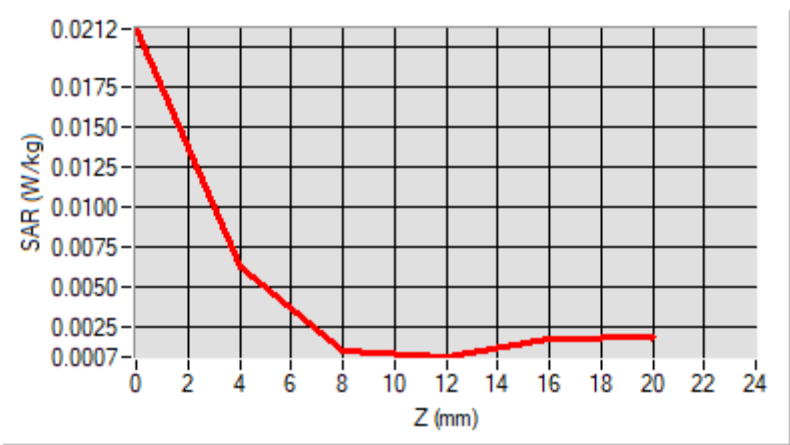
Maximum location: X=-56.00, Y=-48.00

D. SAR 1g & 10g

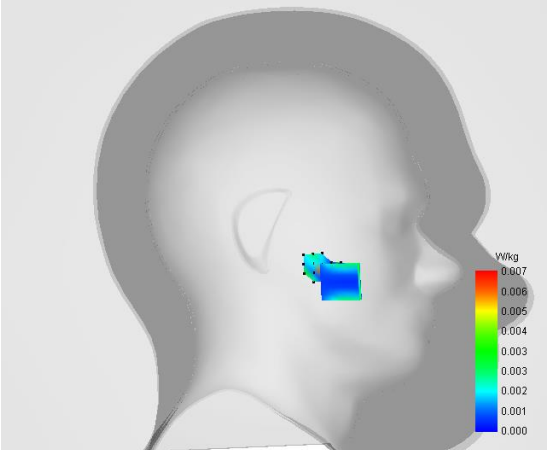
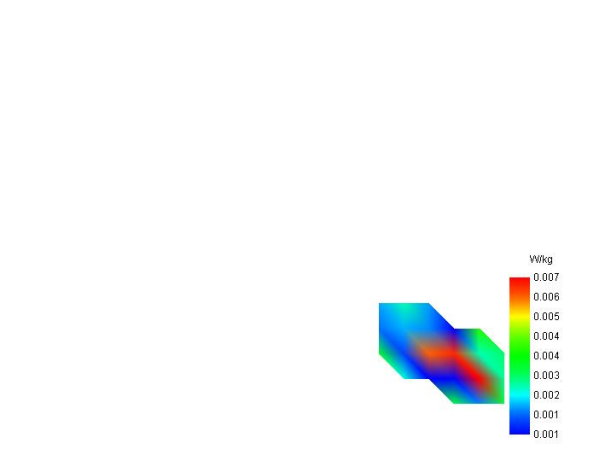
SAR 10g (W/Kg)	0.002353
SAR 1g (W/Kg)	0.005355

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0212	0.0063	0.0010	0.0006	0.0017



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 24

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

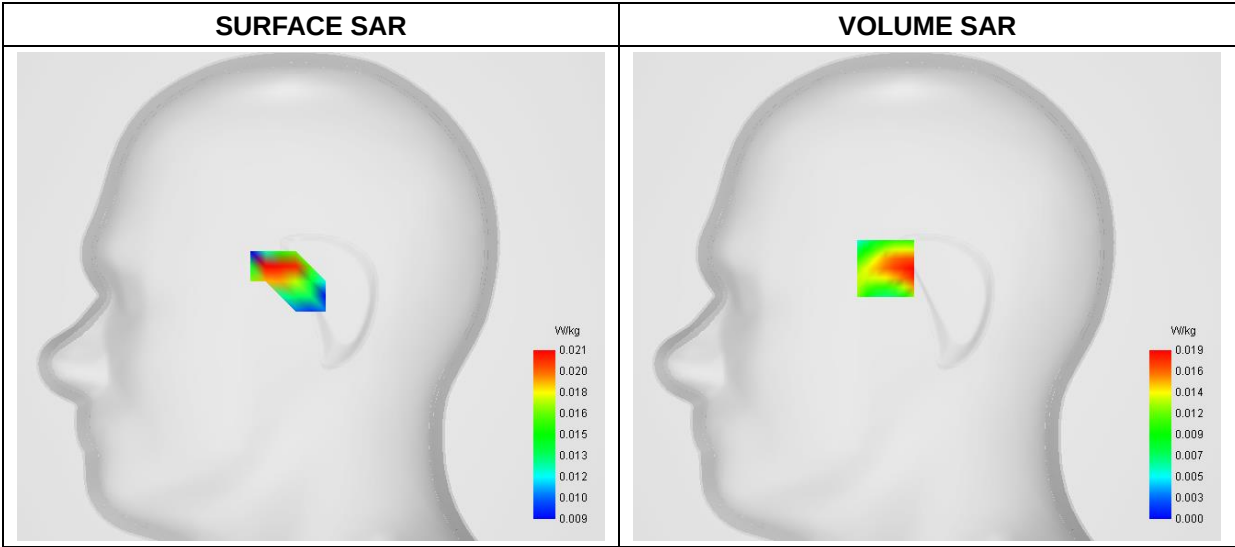
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Right head
Device Position	Cheek
Band	NR n66
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.541489
Conductivity (S/m)	1.372508
Power Variation (%)	-1.541400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



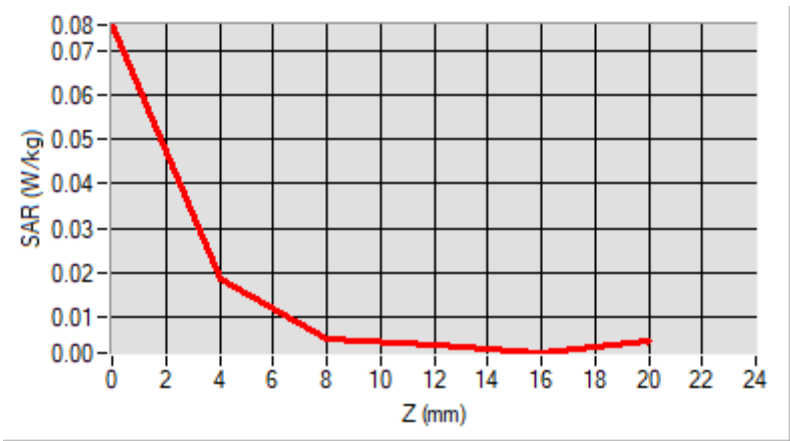
Maximum location: X=-22.00, Y=15.00

D. SAR 1g & 10g

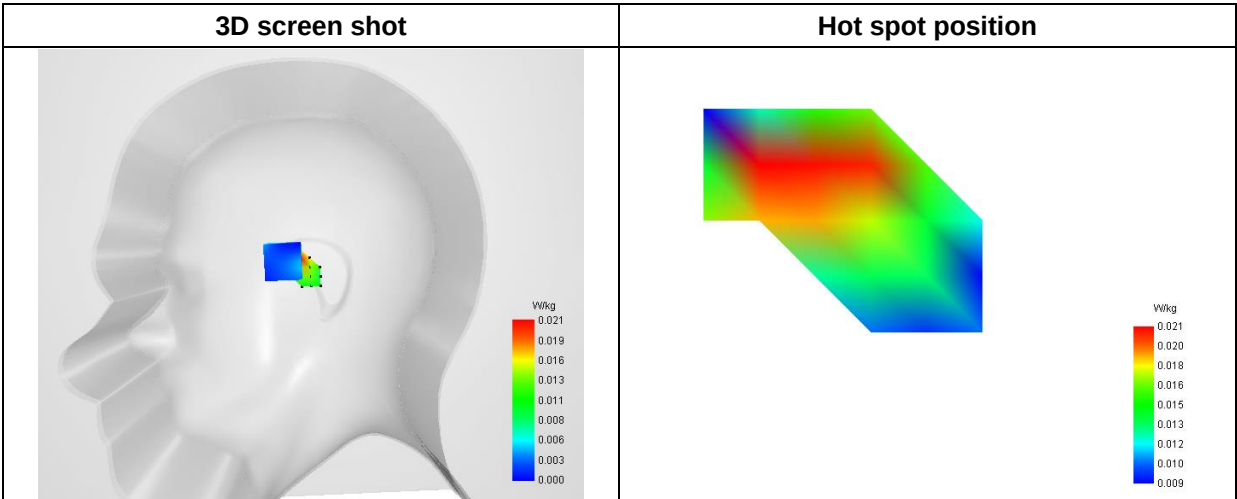
SAR 10g (W/Kg)	0.008975
SAR 1g (W/Kg)	0.018314

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0759	0.0186	0.0049	0.0036	0.0018



F. 3D Image



MEASUREMENT 25

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

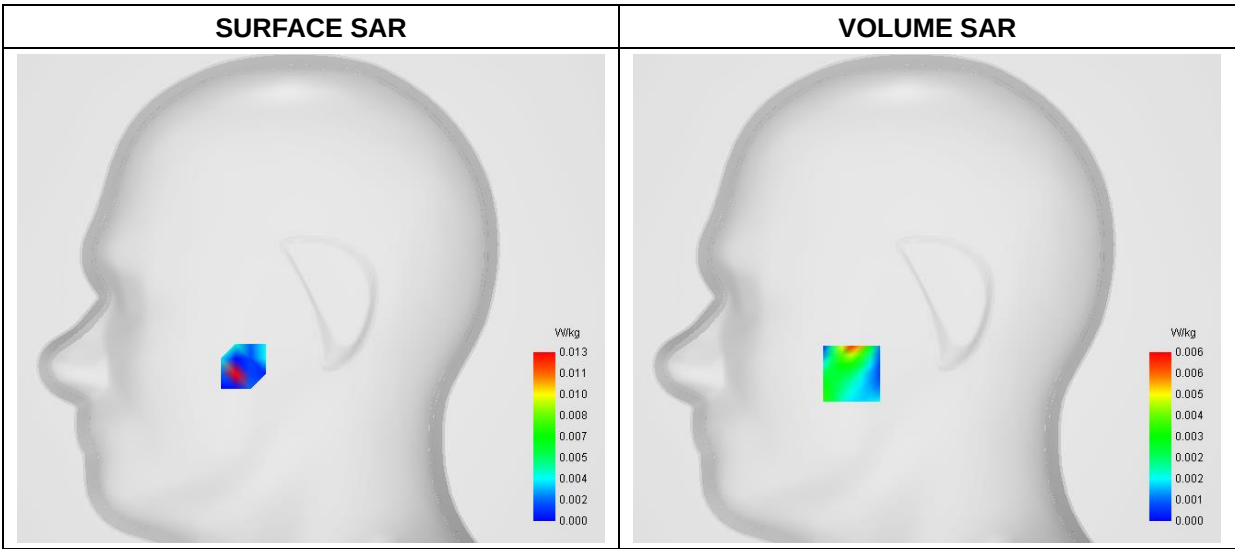
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	NR n71
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	673.000000
Relative Permittivity (real part)	42.284951
Conductivity (S/m)	0.863071
Power Variation (%)	0.174100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



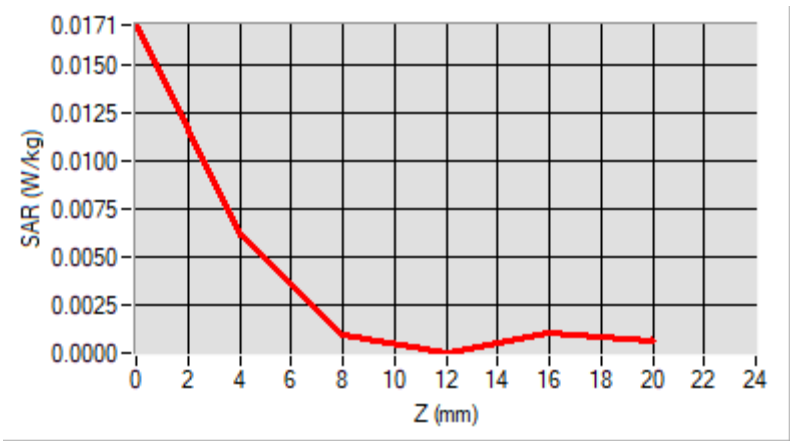
Maximum location: X=-40.00, Y=-40.00

D. SAR 1g & 10g

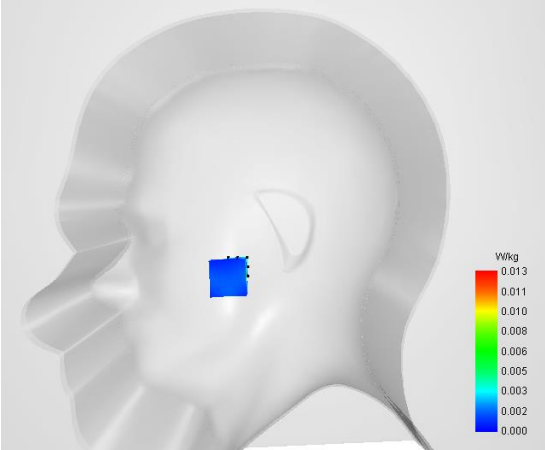
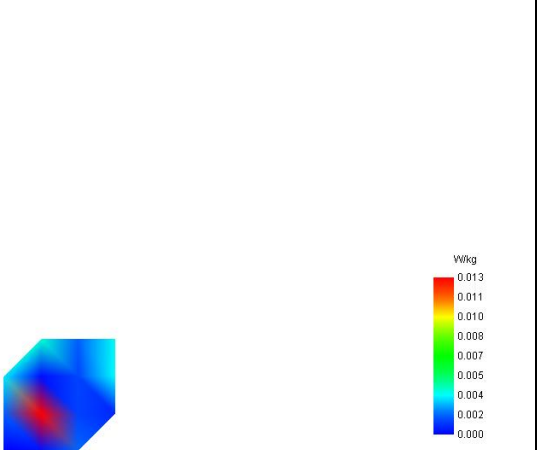
SAR 10g (W/Kg)	0.003056
SAR 1g (W/Kg)	0.006354

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0171	0.0062	0.0009	0.0000	0.0010



F. 3D Image

3D screen shot	Hot spot position
	

MEASUREMENT 26

Type: Phone measurement (Complete)
Date of measurement: 2023-06-15
Measurement duration: 12 minutes 3 seconds

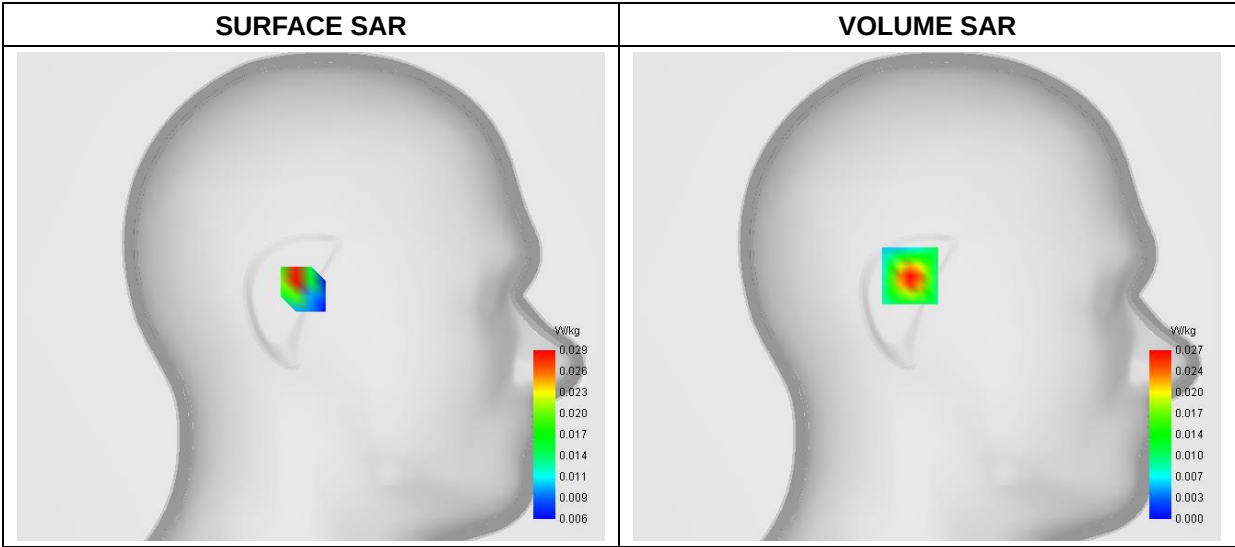
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	NR n77_3450-3550MHz
Channels	DFT-s-OFDM QPSK, 100MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3500.000000
Relative Permittivity (real part)	36.424129
Conductivity (S/m)	3.043701
Power Variation (%)	-0.417470
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume



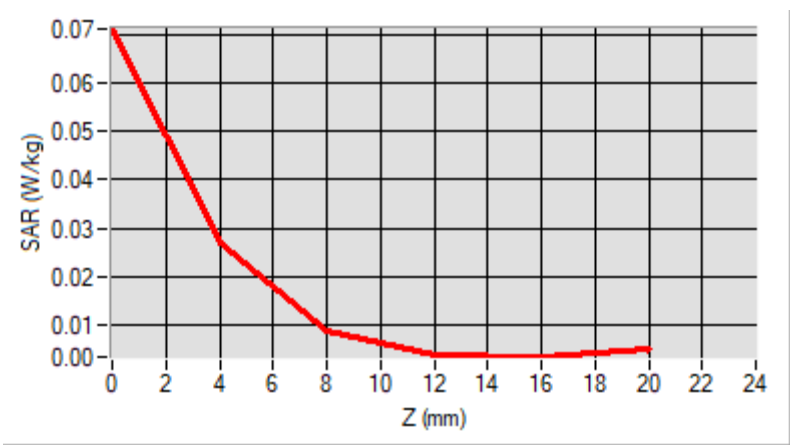
Maximum location: X=9.00, Y=11.00

D. SAR 1g & 10g

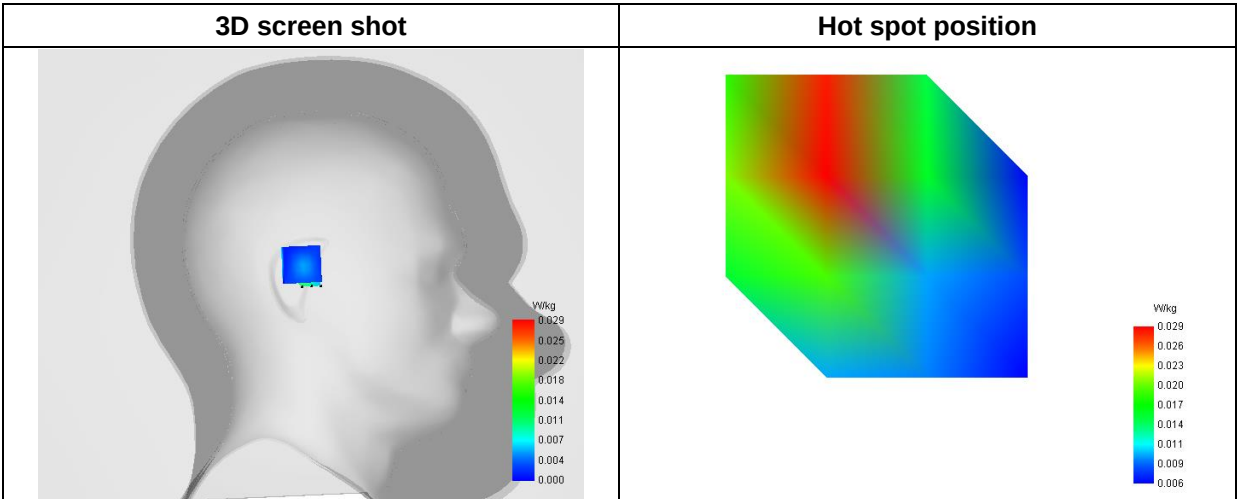
SAR 10g (W/Kg)	0.011218
SAR 1g (W/Kg)	0.026268

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0711	0.0272	0.0090	0.0038	0.0035



F. 3D Image



MEASUREMENT 27

Type: Phone measurement (Complete)
Date of measurement: 2023-06-15
Measurement duration: 12 minutes 3 seconds

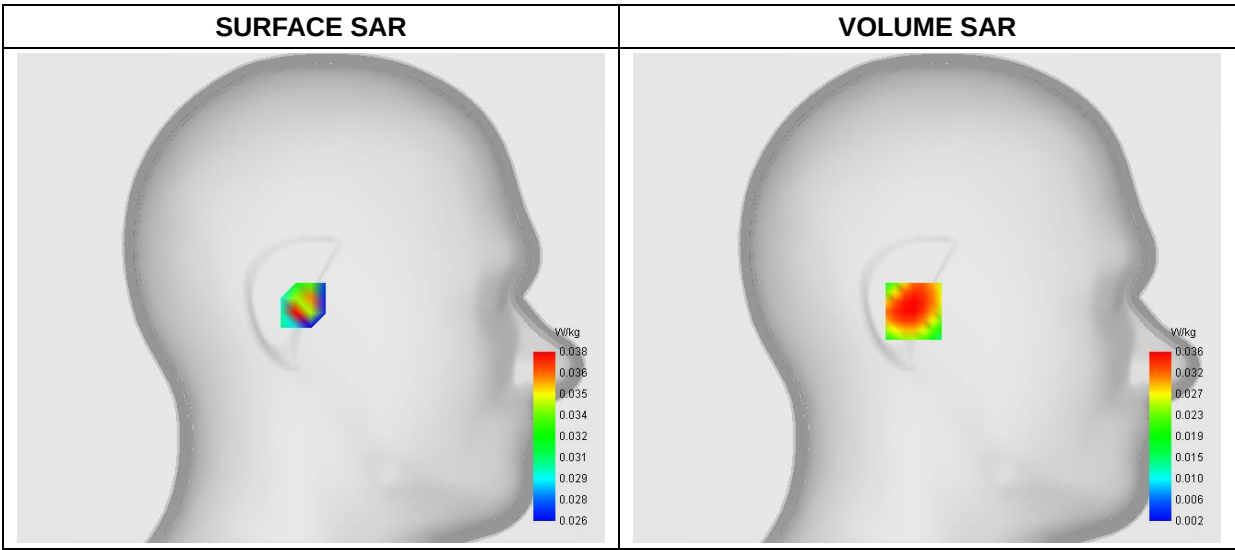
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left head
Device Position	Cheek
Band	NR n77_3700-3980MHz
Channels	DFT-s-OFDM QPSK, 100MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3750.000000
Relative Permittivity (real part)	35.122541
Conductivity (S/m)	3.333747
Power Variation (%)	-0.544700
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

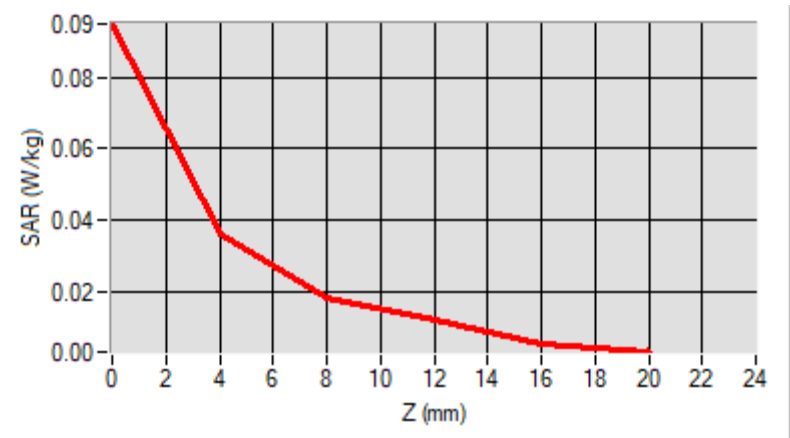


Maximum location: X=7.00, Y=-7.00
D. SAR 1g & 10g

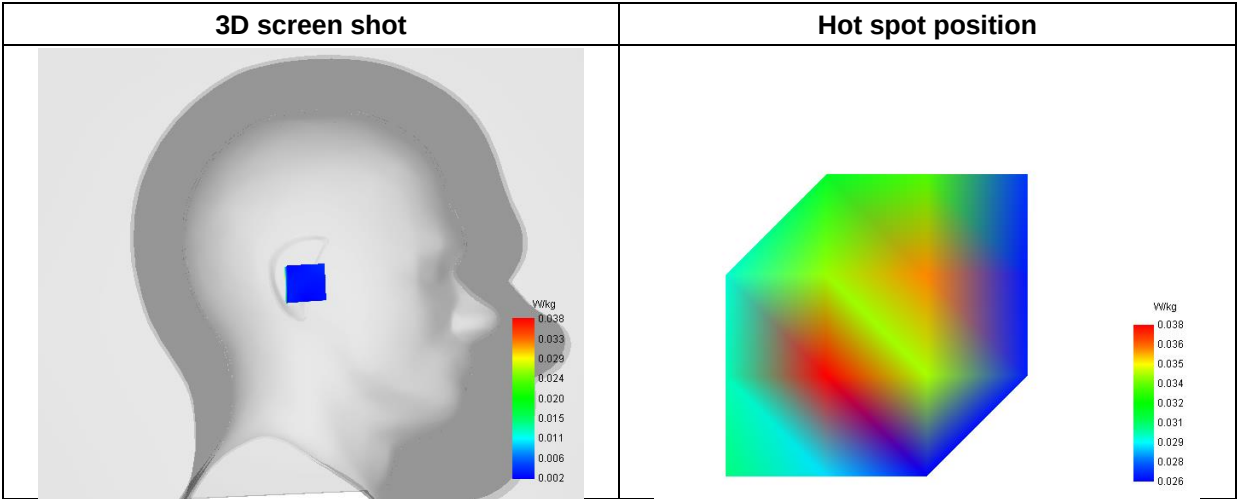
SAR 10g (W/Kg)	0.018948
SAR 1g (W/Kg)	0.036498

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0949	0.0360	0.0180	0.0118	0.0052



F. 3D Image



MEASUREMENT 28

Type: Phone measurement (Complete)
Date of measurement: 2023-06-10
Measurement duration: 12 minutes 3 seconds

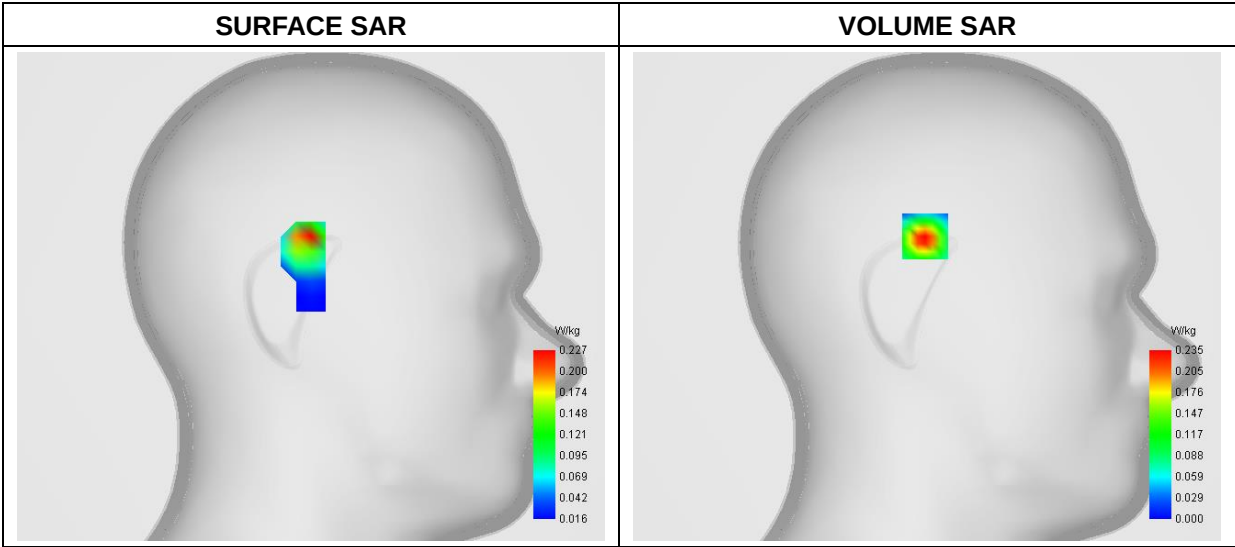
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	WiFi(5.2GHz)_802.11ax-VHT20-ANT0
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5240.000000
Relative Permittivity (real part)	36.532911
Conductivity (S/m)	4.701483
Power Variation (%)	1.561400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



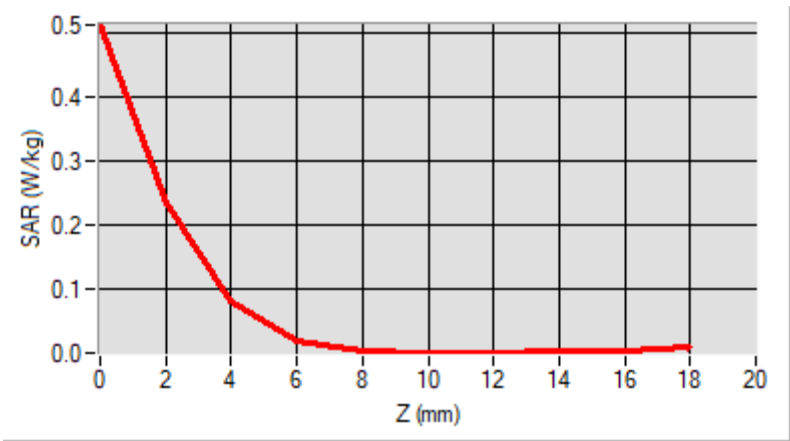
Maximum location: X=1.00, Y=32.00

D. SAR 1g & 10g

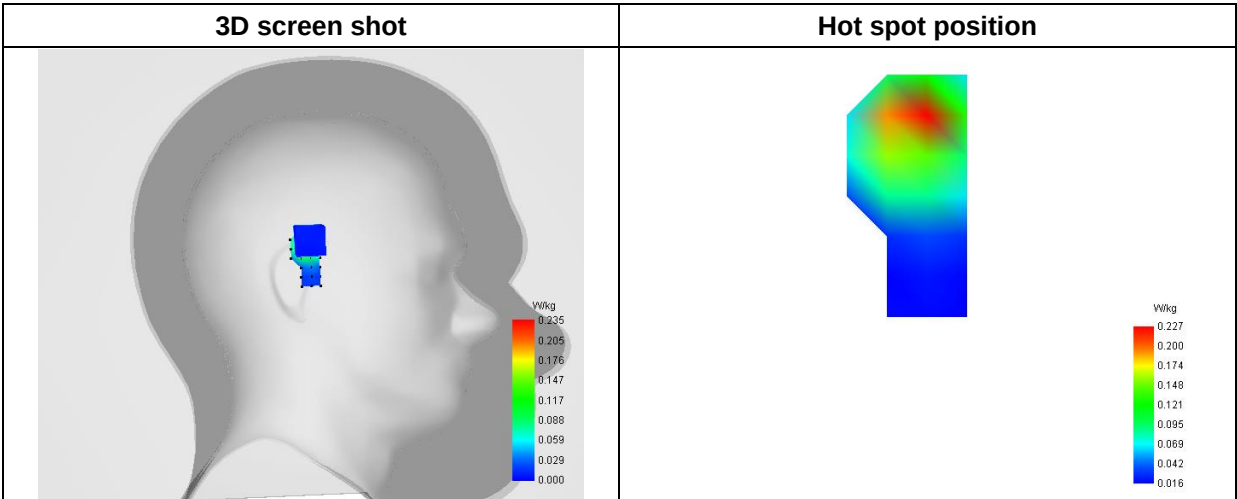
SAR 10g (W/Kg)	0.084637
SAR 1g (W/Kg)	0.267940

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.5121	0.2348	0.0819	0.0195	0.0023	0.0000	0.0002	0.0036	0.0028



F. 3D Image



MEASUREMENT 29

Type: Phone measurement (Complete)
Date of measurement: 2023-06-10
Measurement duration: 12 minutes 3 seconds

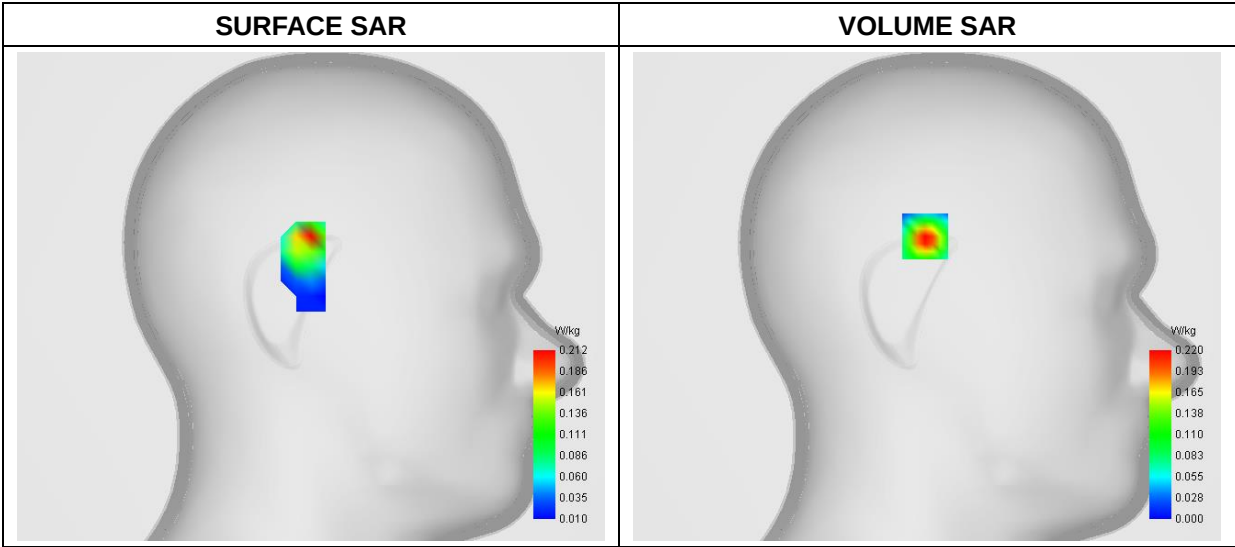
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	WiFi(5.3GHz)_802.11a-ANT0
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative Permittivity (real part)	36.534129
Conductivity (S/m)	4.702694
Power Variation (%)	2.511700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



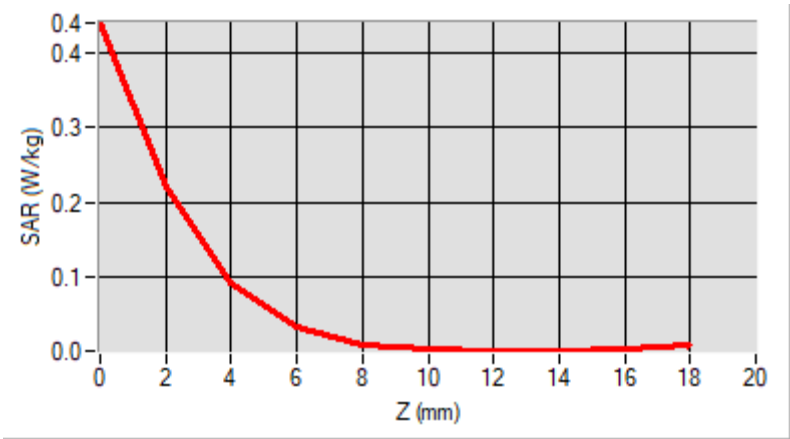
Maximum location: X=1.00, Y=32.00

D. SAR 1g & 10g

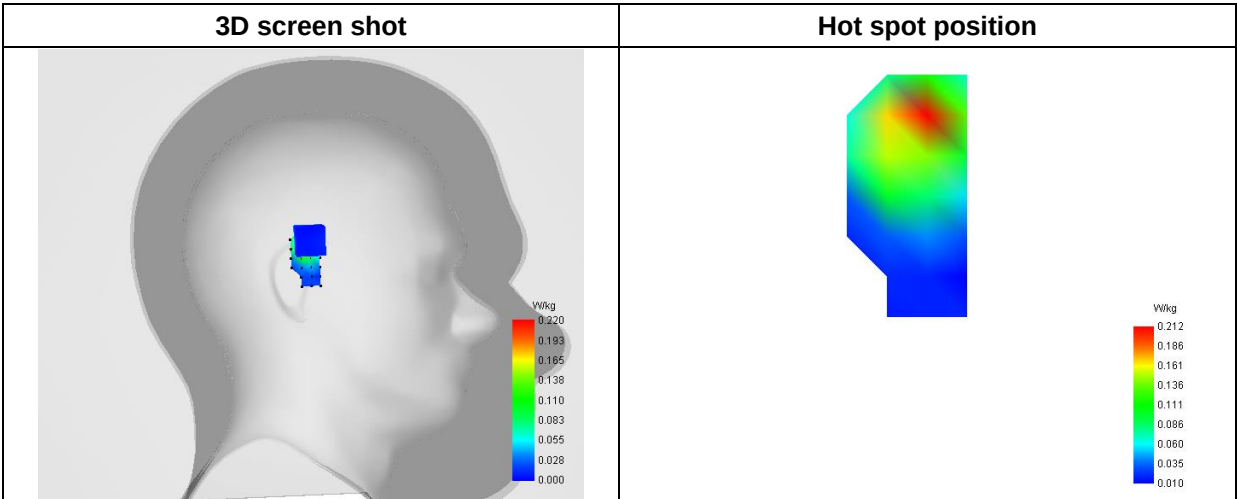
SAR 10g (W/Kg)	0.076784
SAR 1g (W/Kg)	0.235291

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.4406	0.2200	0.0927	0.0324	0.0097	0.0027	0.0012	0.0015	0.0048



F. 3D Image



MEASUREMENT 30

Type: Phone measurement (Complete)
Date of measurement: 2023-06-13
Measurement duration: 12 minutes 3 seconds

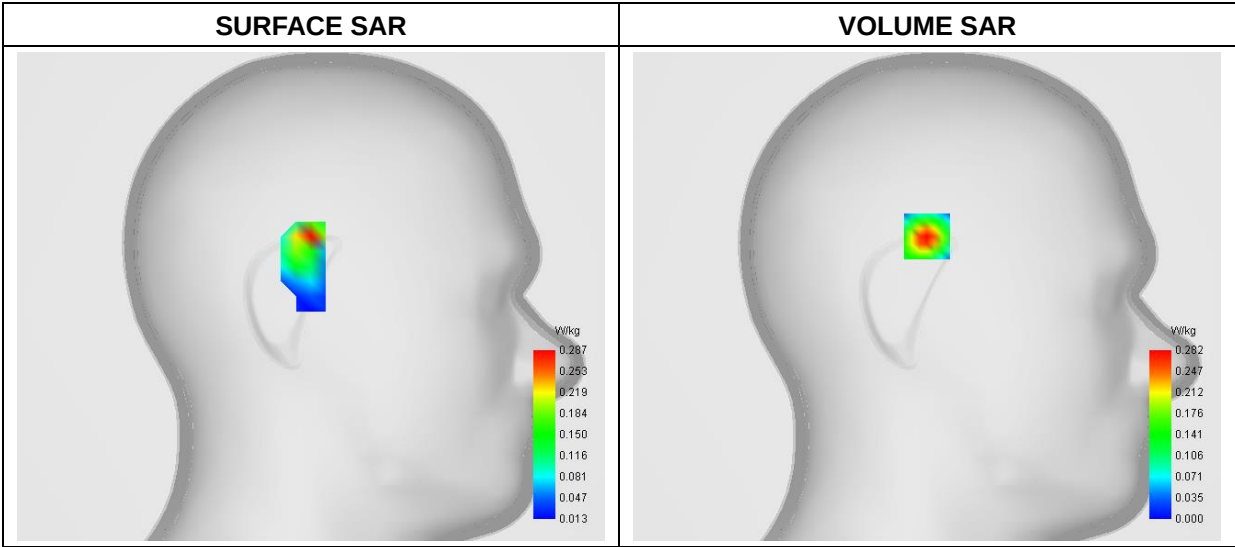
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	WiFi(5.6GHz)_ 802.11ax-VHT40-ANT0
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5670.000000
Relative Permittivity (real part)	36.682918
Conductivity (S/m)	5.101523
Power Variation (%)	1.175600
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



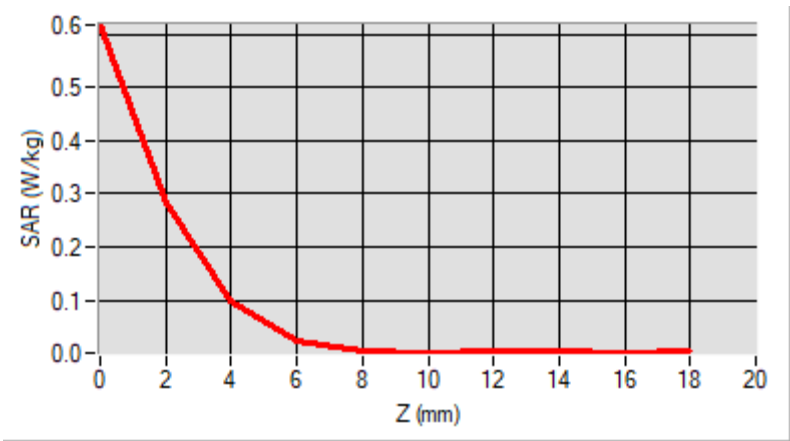
Maximum location: X=0.00, Y=32.00

D. SAR 1g & 10g

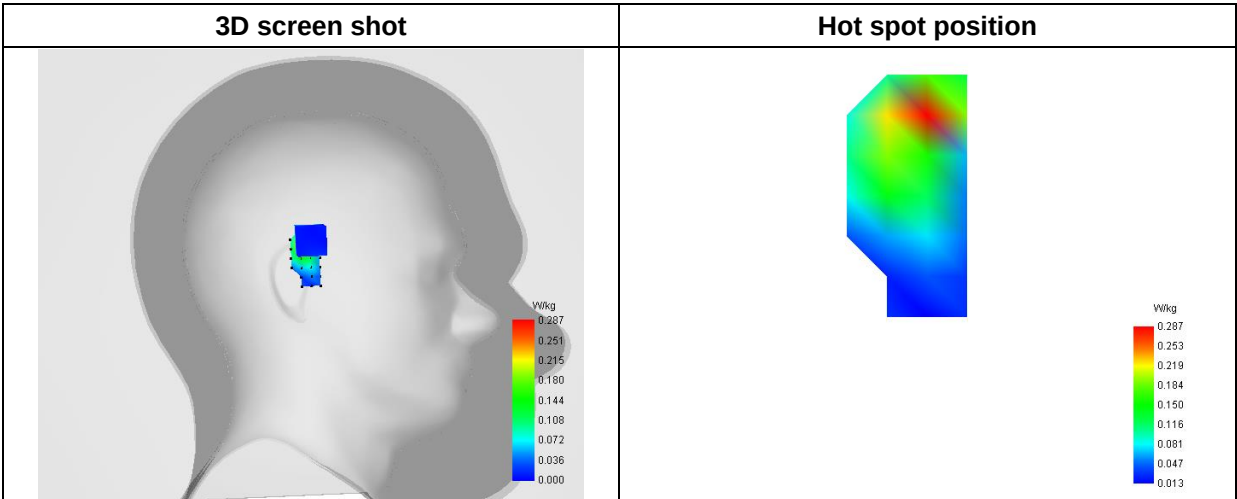
SAR 10g (W/Kg)	0.104109
SAR 1g (W/Kg)	0.323546

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.6183	0.2820	0.0982	0.0231	0.0025	0.0001	0.0028	0.0030	0.0010



F. 3D Image



MEASUREMENT 31

Type: Phone measurement (Complete)
Date of measurement: 2023-06-13
Measurement duration: 12 minutes 3 seconds

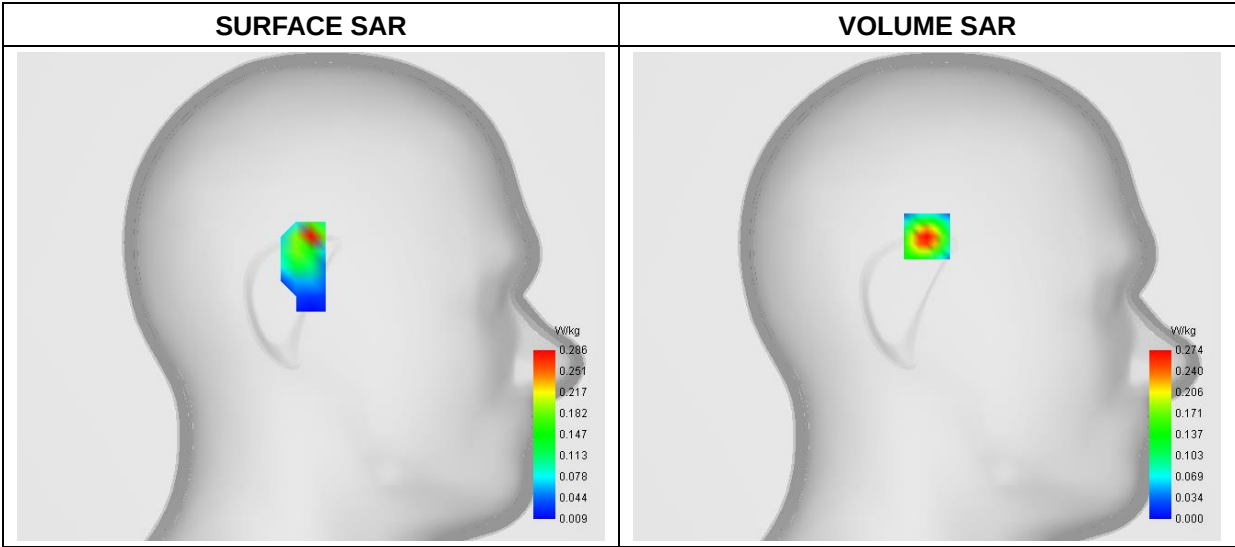
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WiFi(5.8GHz)_ 802.11ax-VHT40-ANT0
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5755.000000
Relative Permittivity (real part)	36.271841
Conductivity (S/m)	5.185447
Power Variation (%)	1.224700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



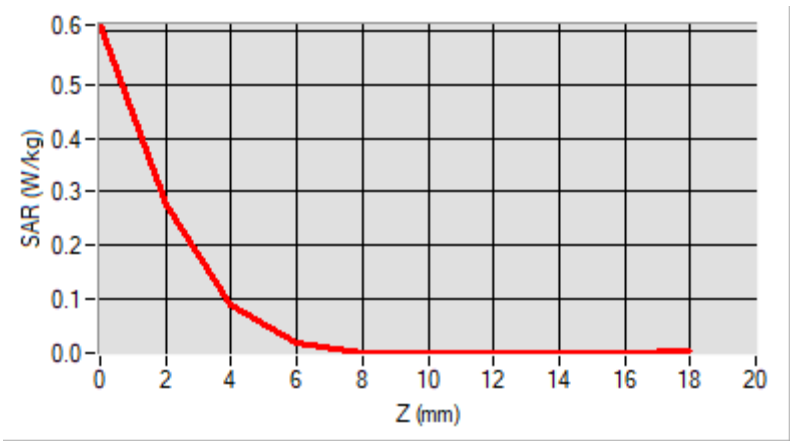
Maximum location: X=0.00, Y=32.00

D. SAR 1g & 10g

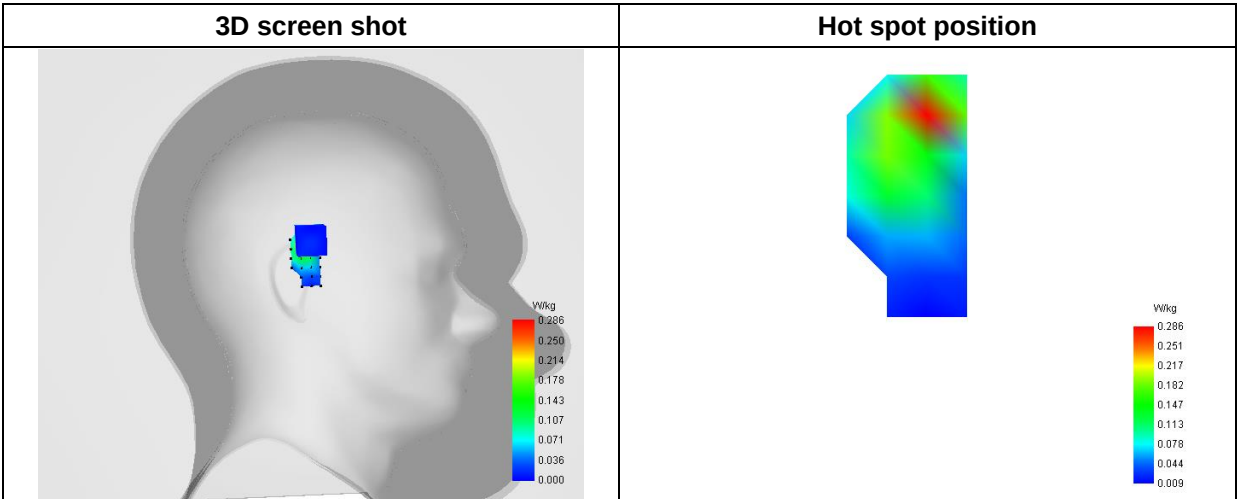
SAR 10g (W/Kg)	0.101231
SAR 1g (W/Kg)	0.318289

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.6103	0.2743	0.0911	0.0196	0.0017	0.0003	0.0014	0.0010	0.0021



F. 3D Image



MEASUREMENT 32

Type: Phone measurement (Complete)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 3 seconds

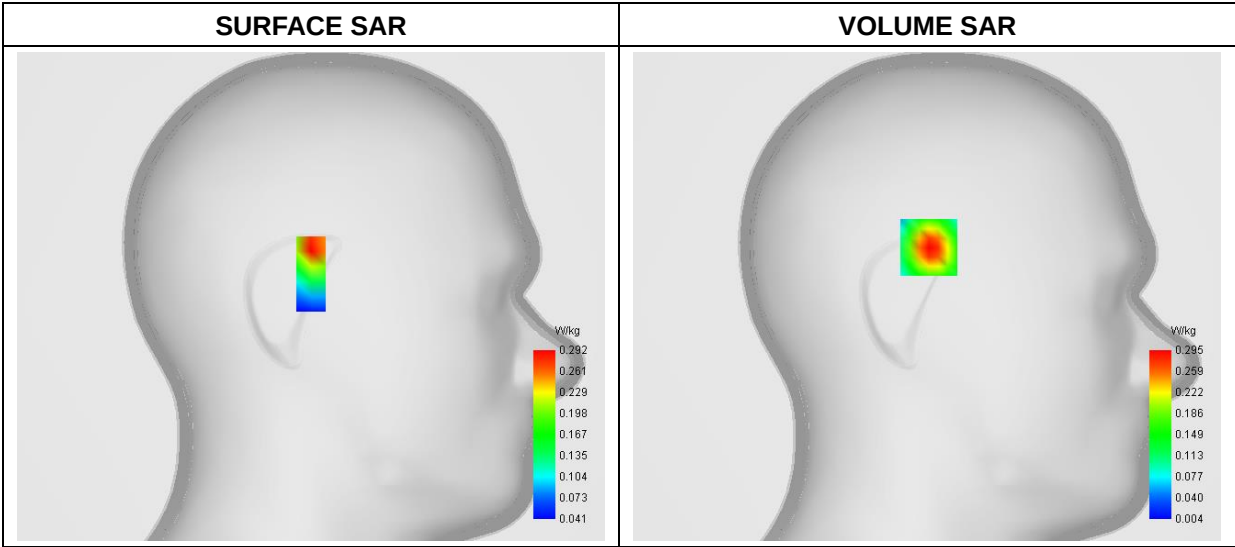
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left Head
Device Position	Cheek
Band	WiFi(2.4GHz)_ 802.11b-ANT0
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2437.000000
Relative Permittivity (real part)	39.121835
Conductivity (S/m)	1.764129
Power Variation (%)	1.147100
Ambient Temperature	22.1
Liquid Temperature	22.1

C. SAR Surface and Volume



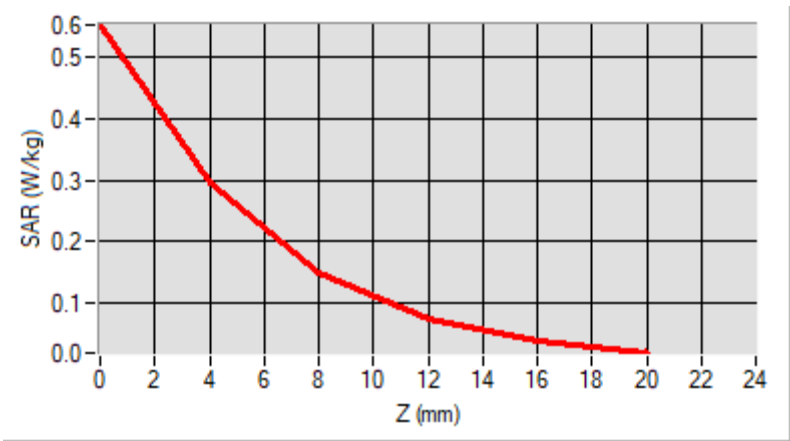
Maximum location: X=-1.00, Y=26.00

D. SAR 1g & 10g

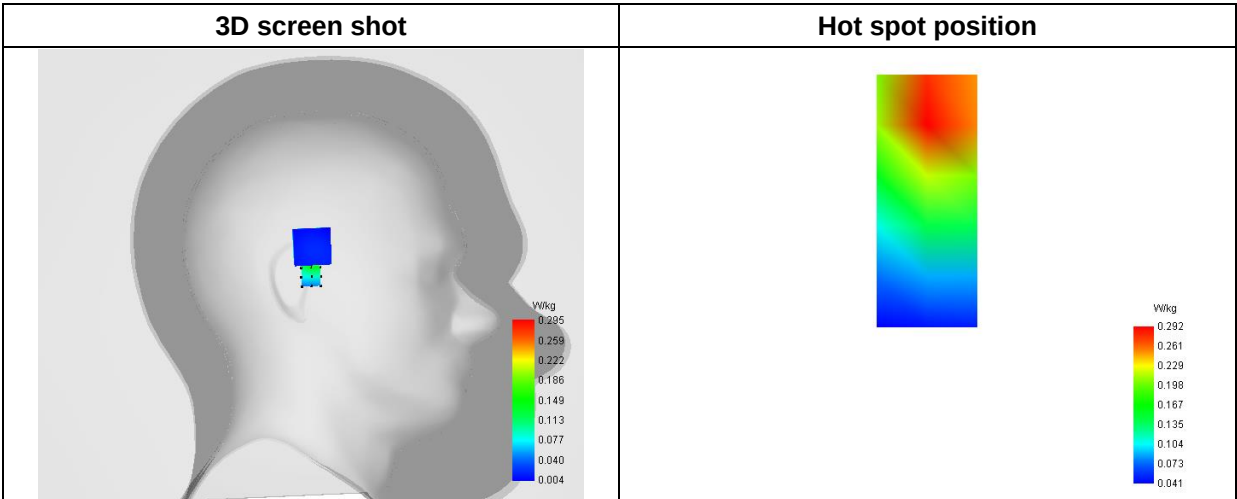
SAR 10g (W/Kg)	0.127120
SAR 1g (W/Kg)	0.272460

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5513	0.2954	0.1504	0.0756	0.0396



F. 3D Image



MEASUREMENT 33

Type: Phone measurement (Complete)
Date of measurement: 2023-06-10
Measurement duration: 12 minutes 3 seconds

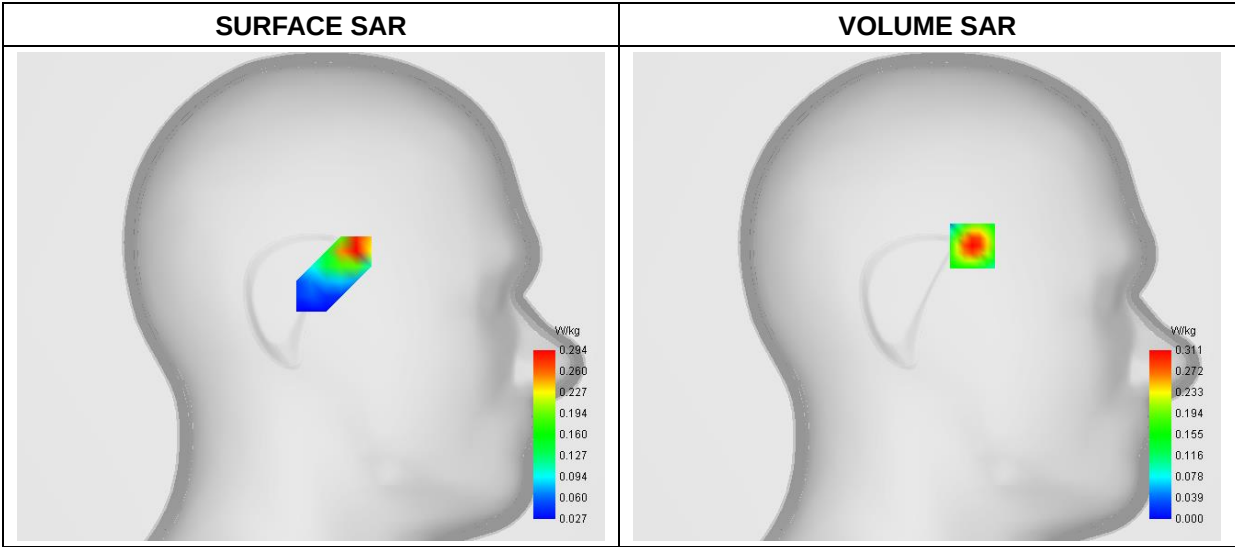
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	WiFi(5.2GHz)_802.11ax-VHT40-ANT1
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5230.000000
Relative Permittivity (real part)	36.534637
Conductivity (S/m)	4.702679
Power Variation (%)	1.146500
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



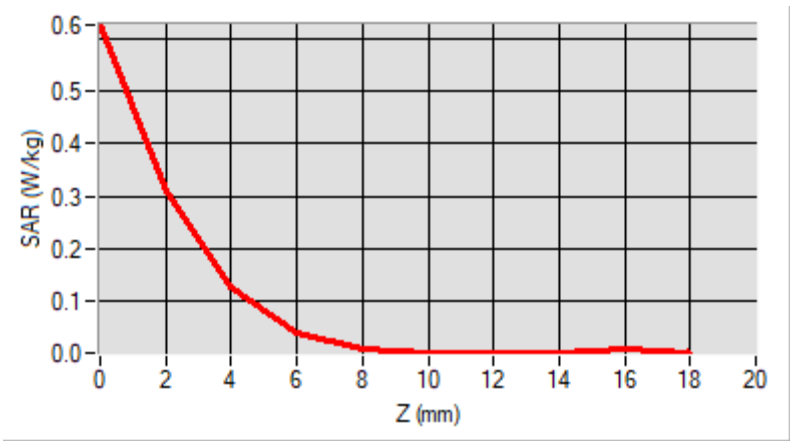
Maximum location: X=-24.00, Y=27.00

D. SAR 1g & 10g

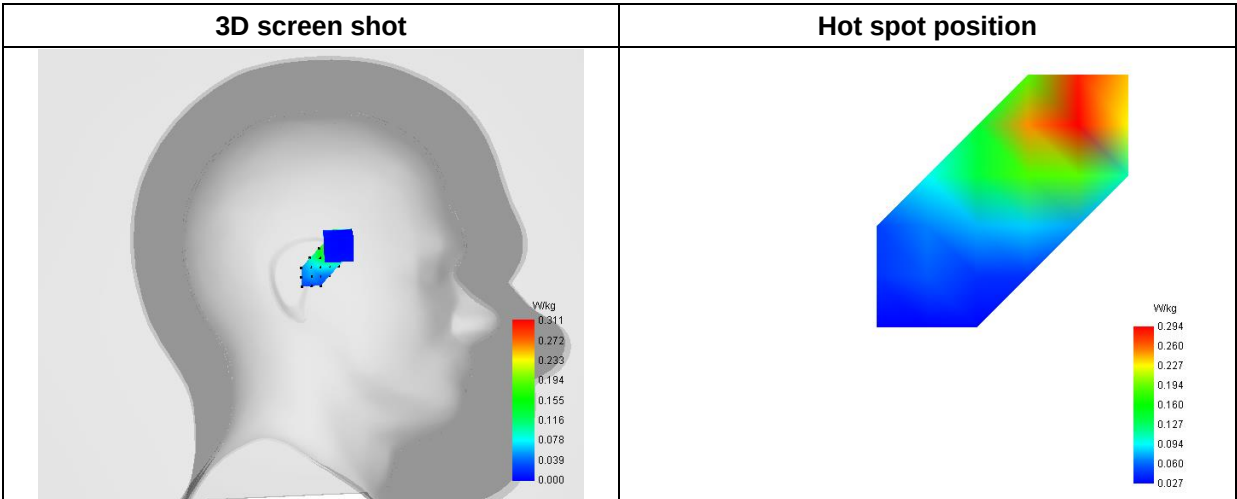
SAR 10g (W/Kg)	0.122791
SAR 1g (W/Kg)	0.345188

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.6274	0.3105	0.1253	0.0396	0.0090	0.0016	0.0000	0.0000	0.0069



F. 3D Image



MEASUREMENT 34

Type: Phone measurement (Complete)
Date of measurement: 2023-06-10
Measurement duration: 12 minutes 3 seconds

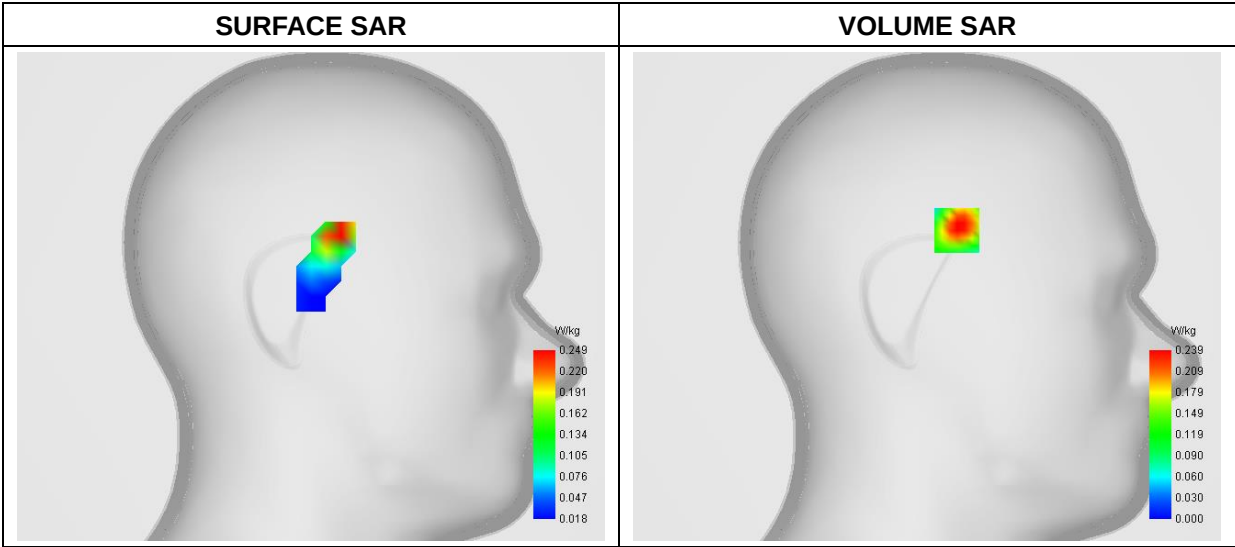
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	WiFi(5.3GHz)_802.11a-ANT1
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative Permittivity (real part)	36.534129
Conductivity (S/m)	4.702694
Power Variation (%)	2.418400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



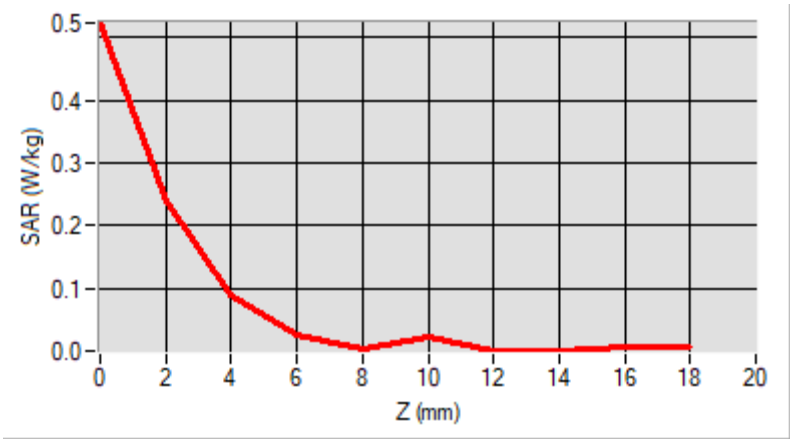
Maximum location: X=-16.00, Y=35.00

D. SAR 1g & 10g

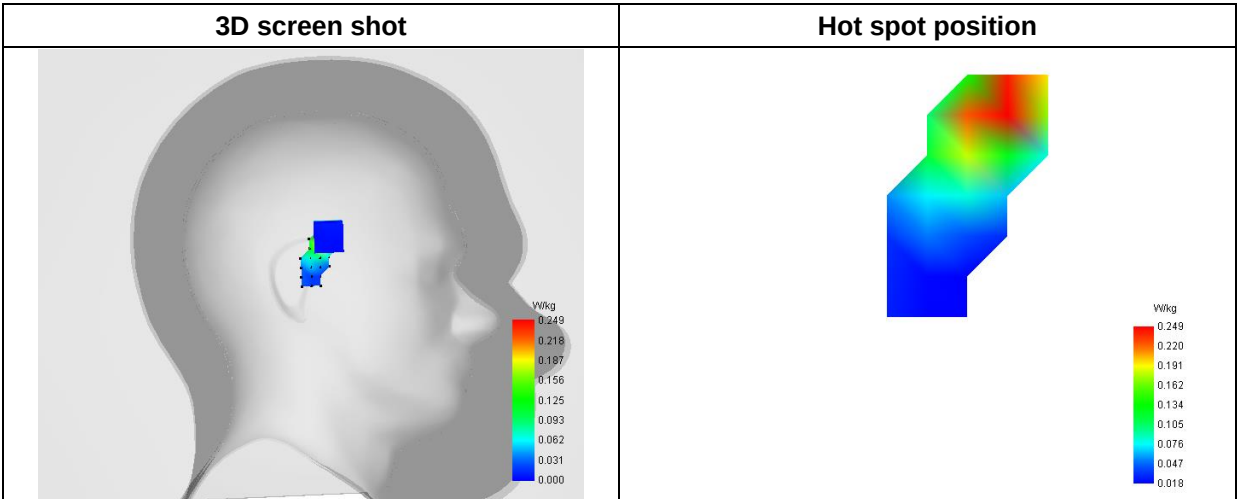
SAR 10g (W/Kg)	0.100867
SAR 1g (W/Kg)	0.283061

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.5238	0.2389	0.0902	0.0253	0.0046	0.0222	0.0003	0.0003	0.0056



F. 3D Image



MEASUREMENT 35

Type: Phone measurement (Complete)
Date of measurement: 2023-06-13
Measurement duration: 12 minutes 3 seconds

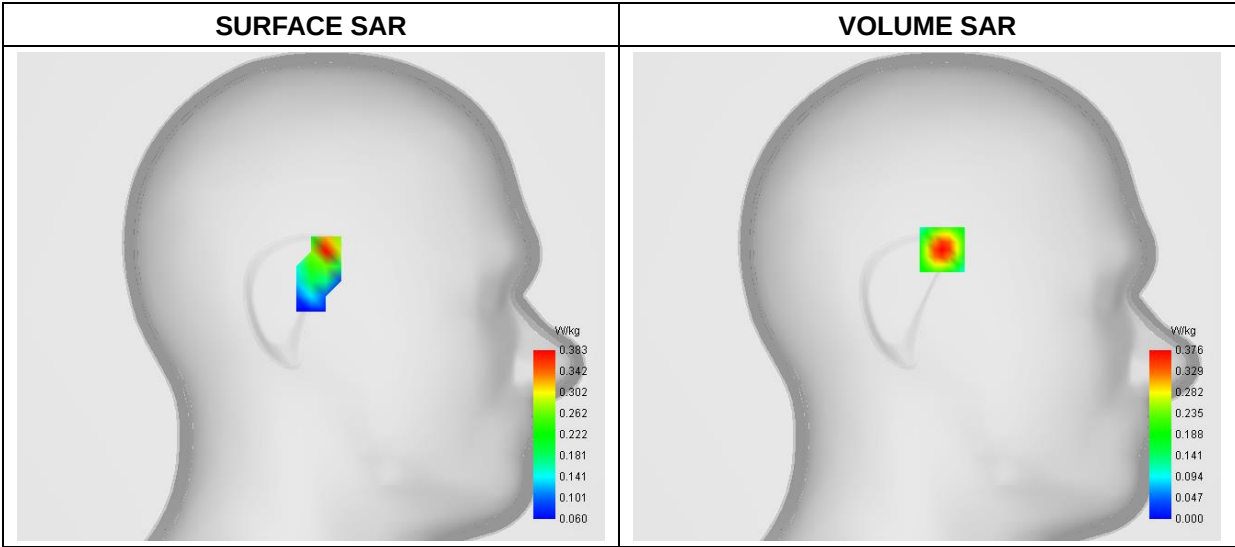
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left head
Device Position	Cheek
Band	WiFi(5.6GHz)_ 802.11ax-VHT20-ANT1
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5700.000000
Relative Permittivity (real part)	36.680410
Conductivity (S/m)	5.103546
Power Variation (%)	1.2156400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



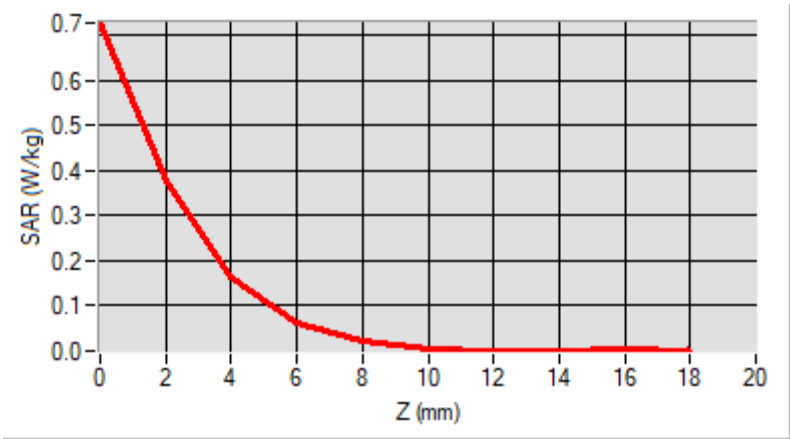
Maximum location: X=-8.00, Y=25.00

D. SAR 1g & 10g

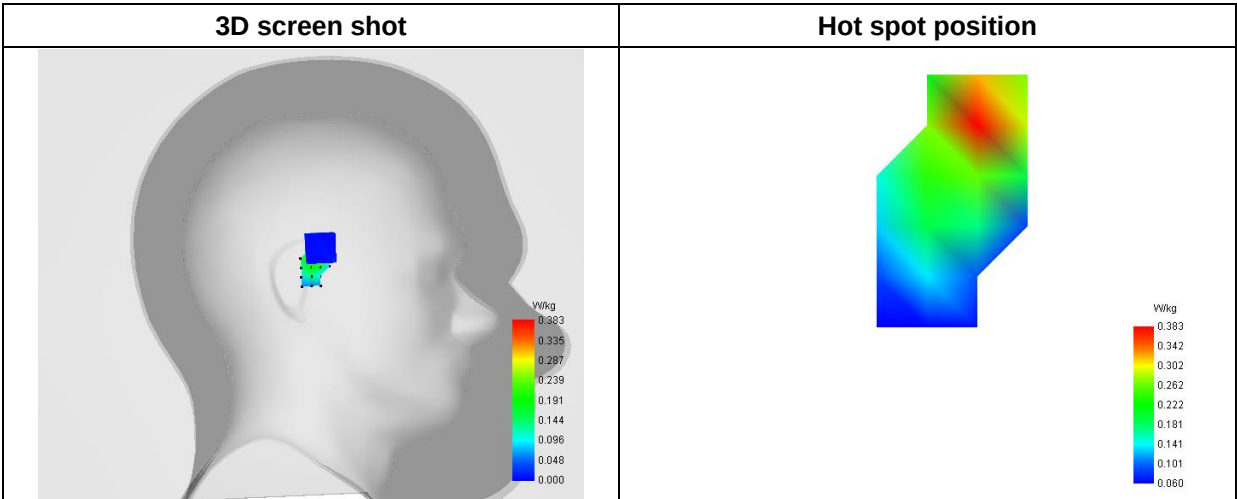
SAR 10g (W/Kg)	0.146543
SAR 1g (W/Kg)	0.402404

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.7281	0.3758	0.1661	0.0628	0.0211	0.0054	0.0007	0.0022	0.0031



F. 3D Image



MEASUREMENT 36

Type: Phone measurement (Complete)
Date of measurement: 2023-06-13
Measurement duration: 12 minutes 3 seconds

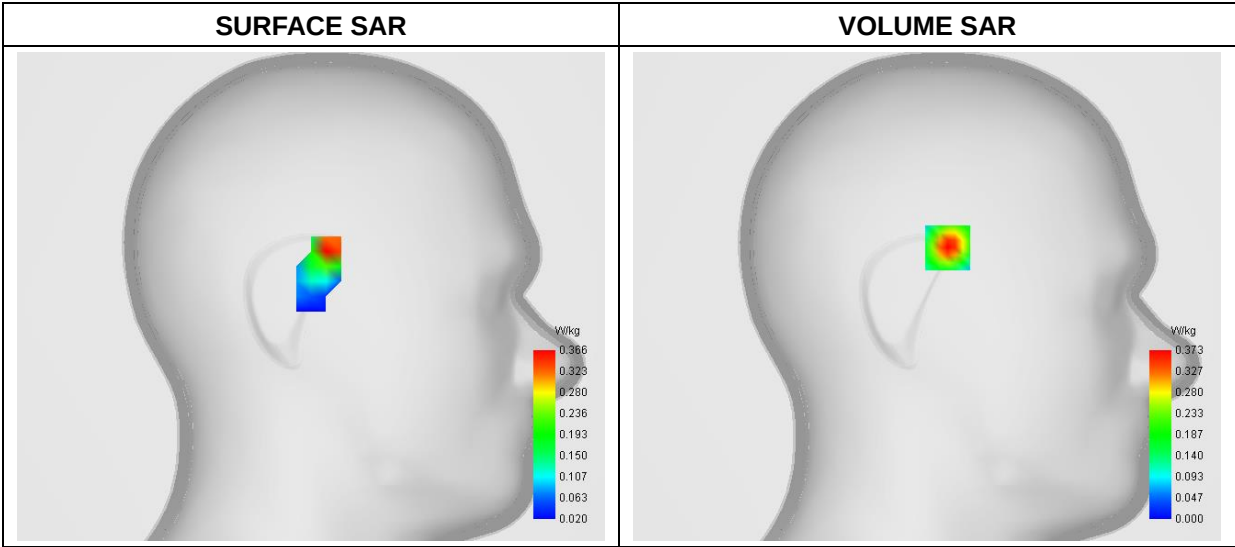
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Left Head
Device Position	Cheek
Band	WiFi(5.8GHz)_ 802.11ax-VHT40-ANT1
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5795.000000
Relative Permittivity (real part)	36.271231
Conductivity (S/m)	5.182892
Power Variation (%)	1.224700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



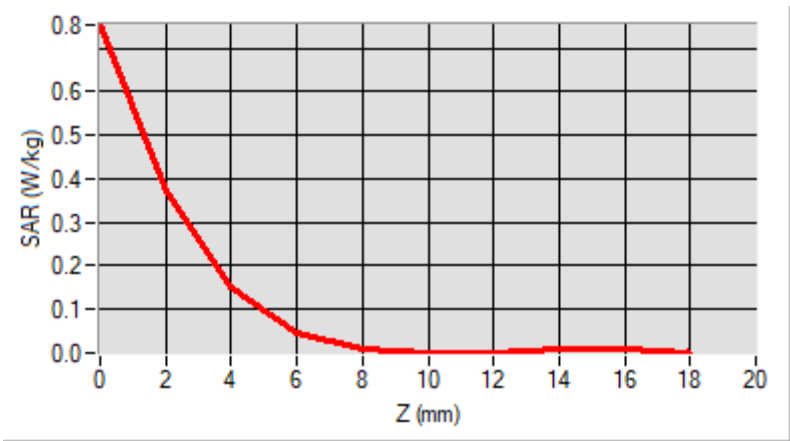
Maximum location: X=-11.00, Y=26.00

D. SAR 1g & 10g

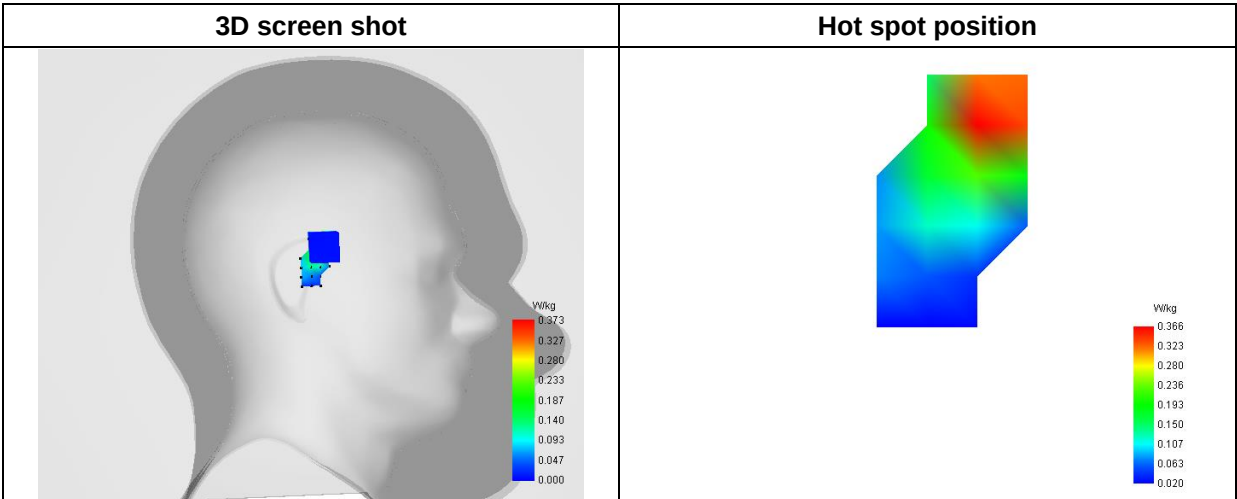
SAR 10g (W/Kg)	0.144842
SAR 1g (W/Kg)	0.413861

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.7535	0.3735	0.1498	0.0474	0.0114	0.0015	0.0000	0.0078	0.0085



F. 3D Image



MEASUREMENT 37

Type: Phone measurement (Complete)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 3 seconds

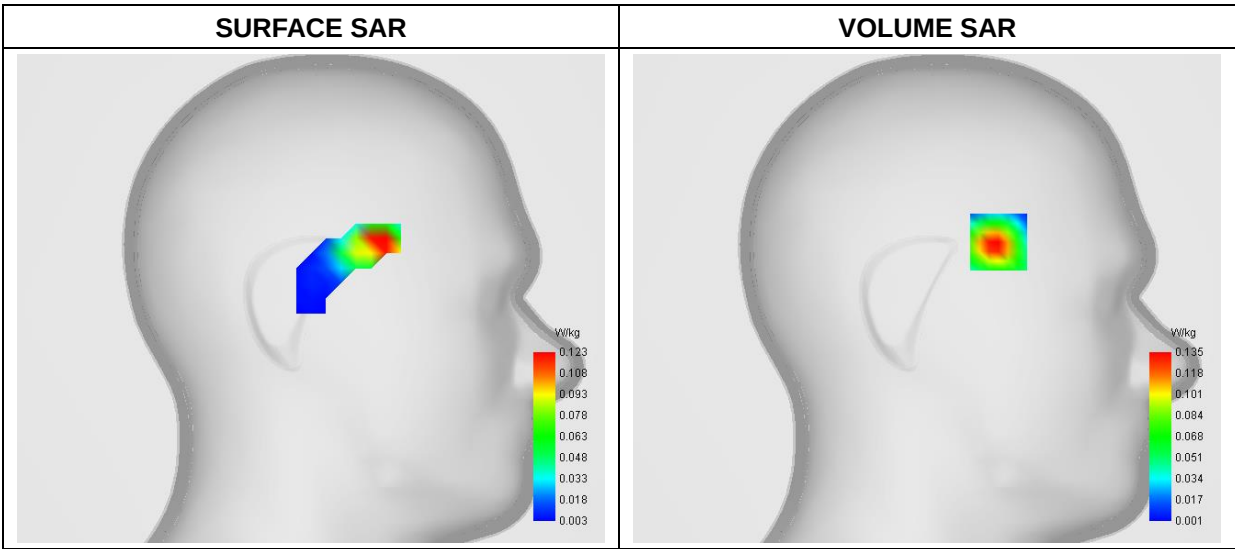
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left Head
Device Position	Cheek
Band	WiFi(2.4GHz)_802.11b-ANT1
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative Permittivity (real part)	39.121835
Conductivity (S/m)	1.757120
Power Variation (%)	1.272460
Ambient Temperature	22.1
Liquid Temperature	22.1

C. SAR Surface and Volume



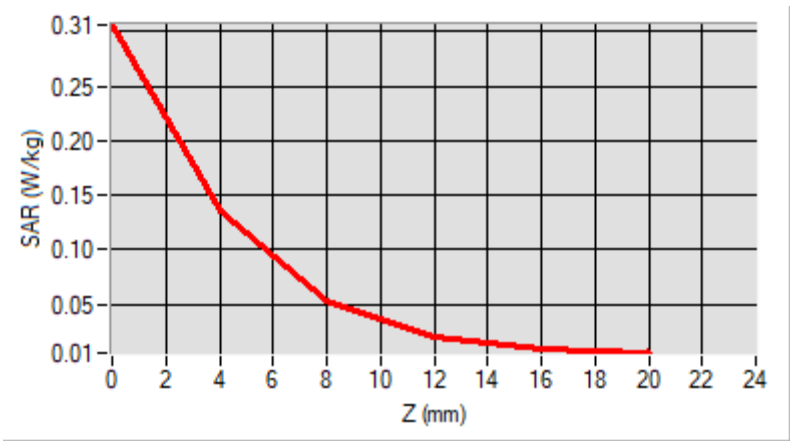
Maximum location: X=-38.00, Y=30.00

D. SAR 1g & 10g

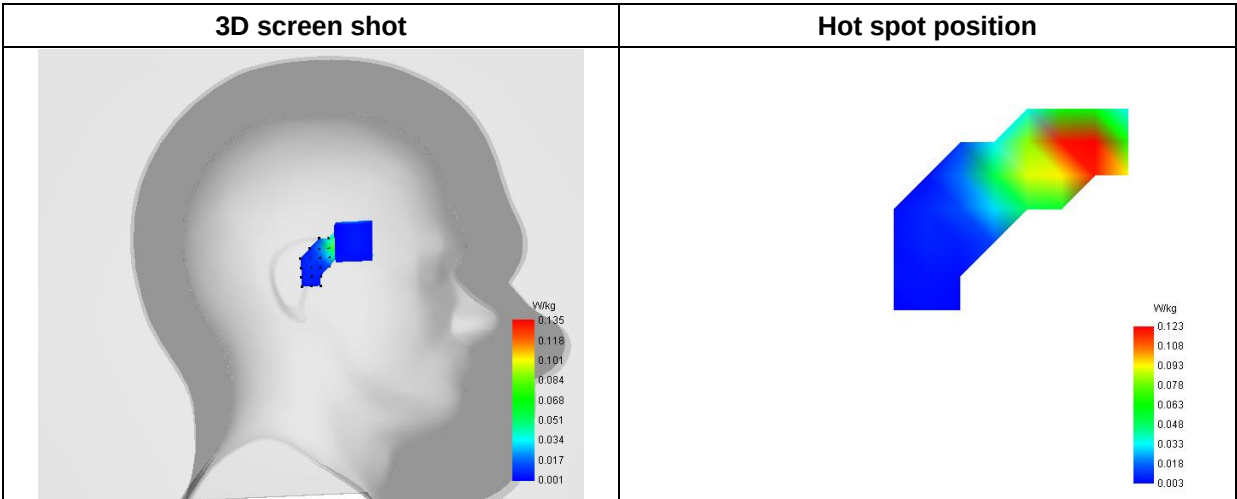
SAR 10g (W/Kg)	0.052843
SAR 1g (W/Kg)	0.129064

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3059	0.1346	0.0527	0.0201	0.0093



F. 3D Image



MEASUREMENT 38

Type: Phone measurement (Complete)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 3 seconds

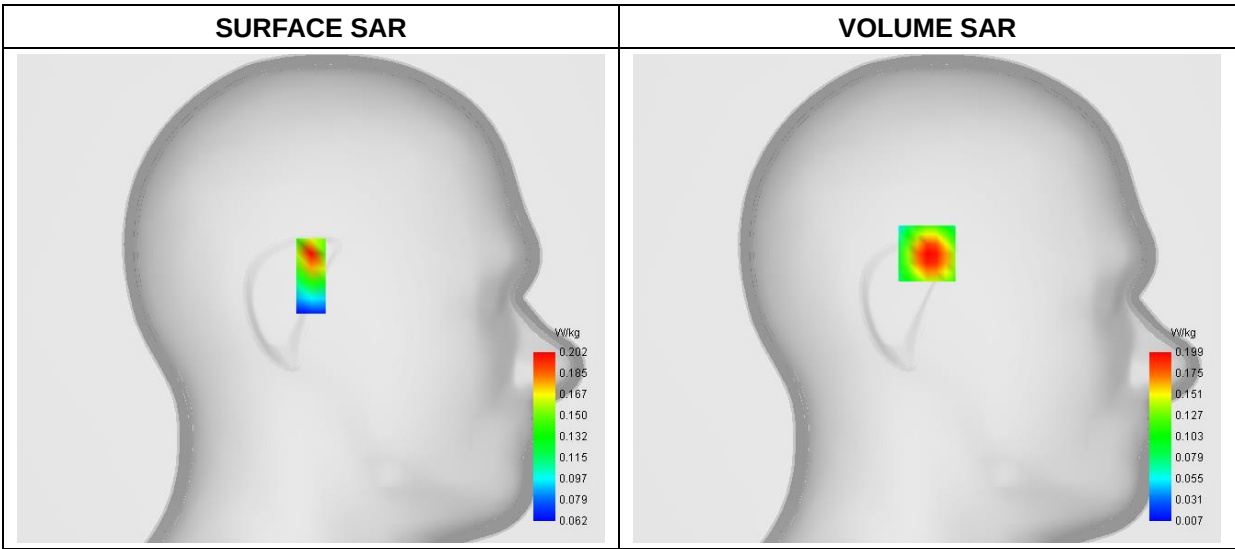
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Left Head
Device Position	Cheek
Band	Bluetooth
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2441.000000
Relative Permittivity (real part)	39.121881
Conductivity (S/m)	1.764621
Power Variation (%)	0.590140
Ambient Temperature	22.1
Liquid Temperature	22.1

C. SAR Surface and Volume



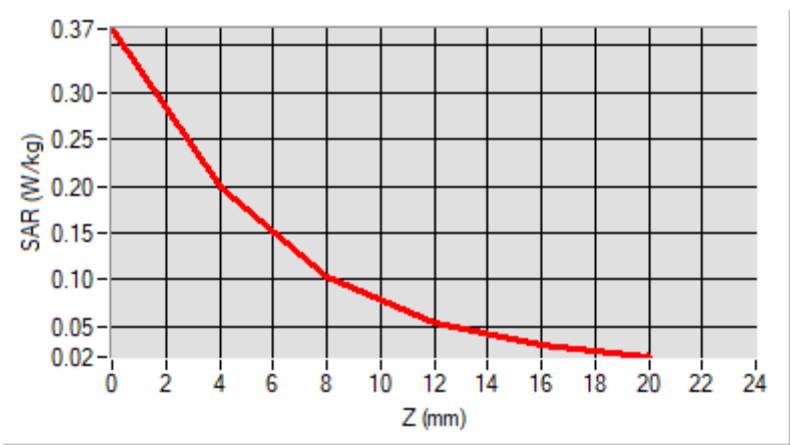
Maximum location: X=0.00, Y=24.00

D. SAR 1g & 10g

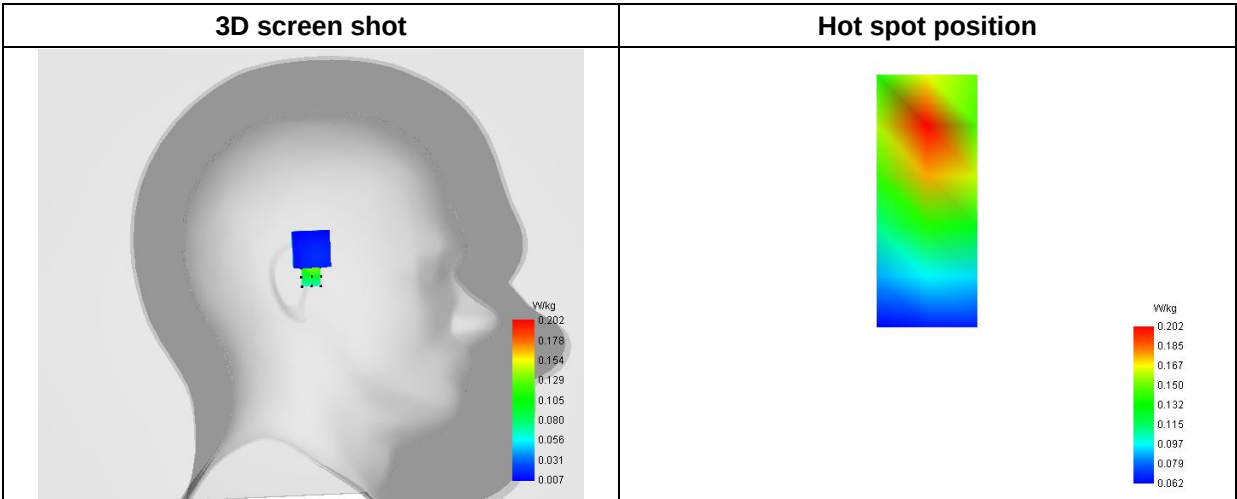
SAR 10g (W/Kg)	0.092320
SAR 1g (W/Kg)	0.186423

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3682	0.1988	0.1030	0.0537	0.0300



F. 3D Image



MEASUREMENT 39

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 11 minutes 48 seconds

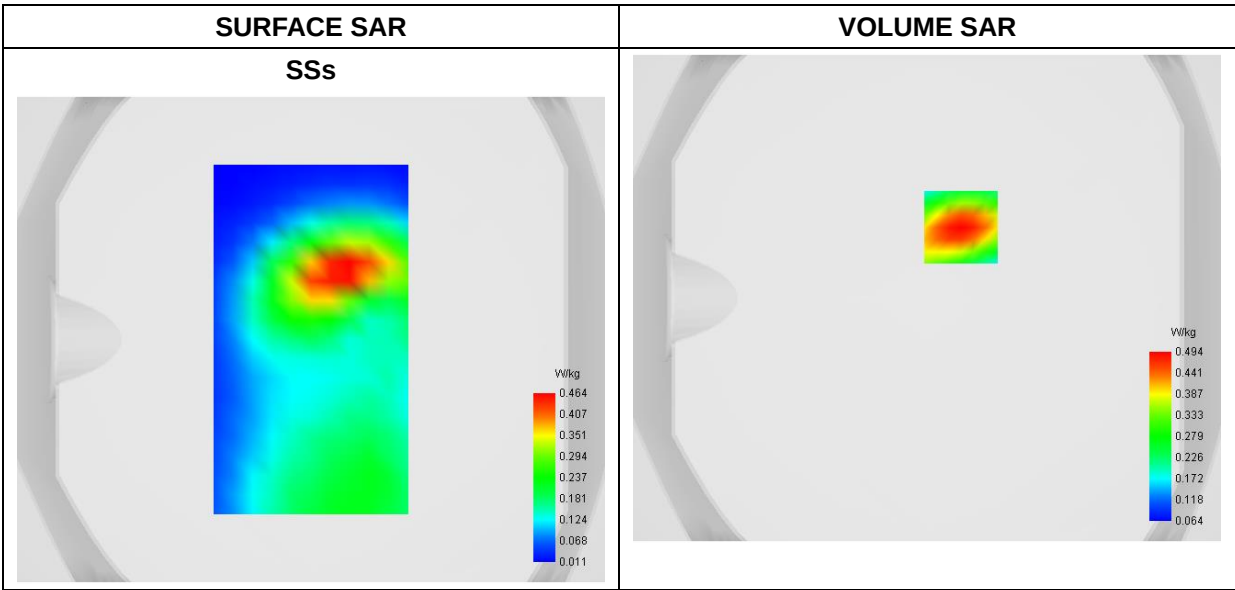
A. Experimental condition

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	GSM850
Channels	Low
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

Frequency (MHz)	824.200000
Relative Permittivity (real part)	42.264746
Conductivity (S/m)	0.871218
Power Variation (%)	1.475800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

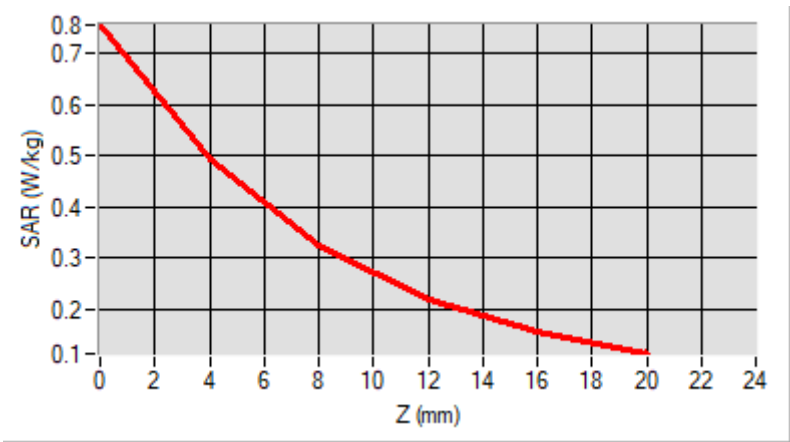


Maximum location: X=14.00, Y=29.00
D. SAR 1g & 10g

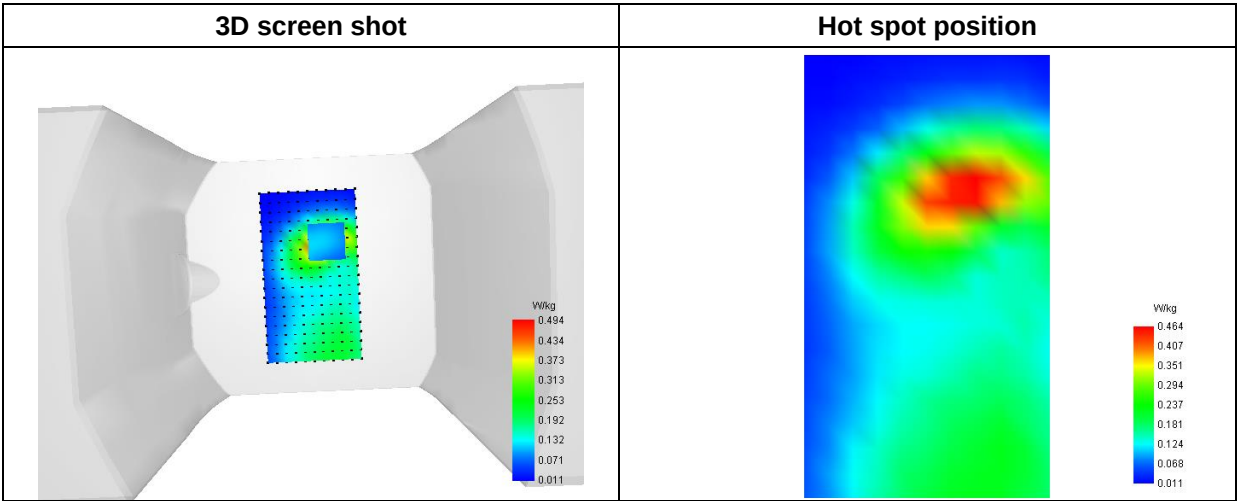
SAR 10g (W/Kg)	0.271876
SAR 1g (W/Kg)	0.458960

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7566	0.4943	0.3236	0.2189	0.1563



F. 3D Image



MEASUREMENT 40

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 11 minutes 48 seconds

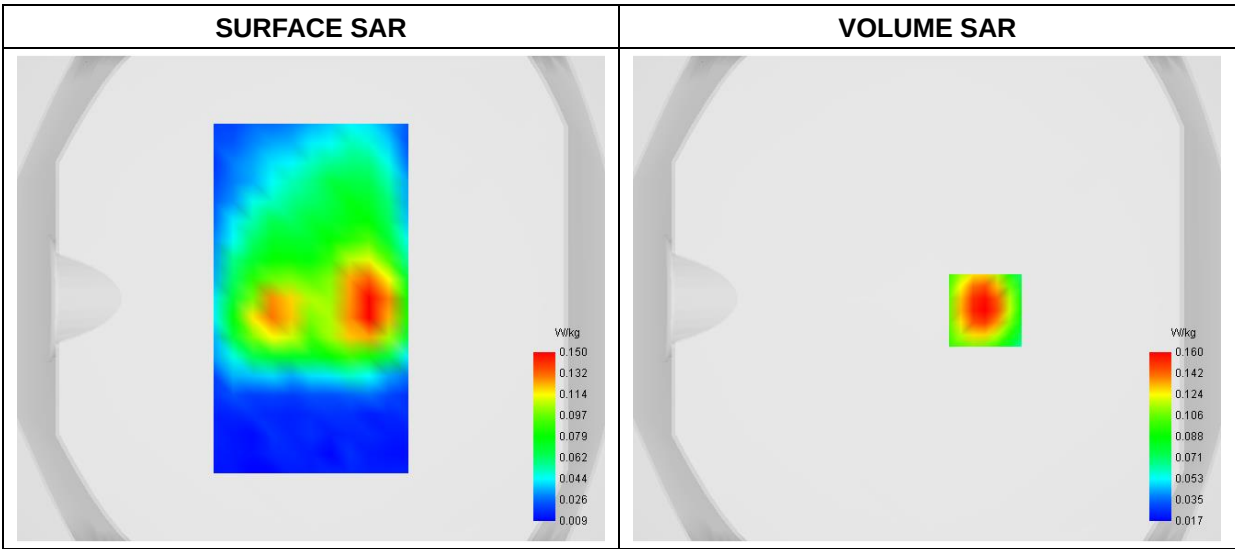
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	GSM1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	1.134700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



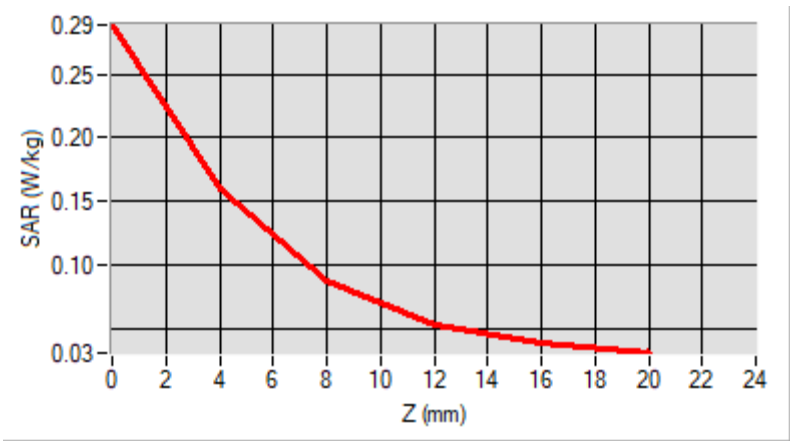
Maximum location: X=24.00, Y=-5.00

D. SAR 1g & 10g

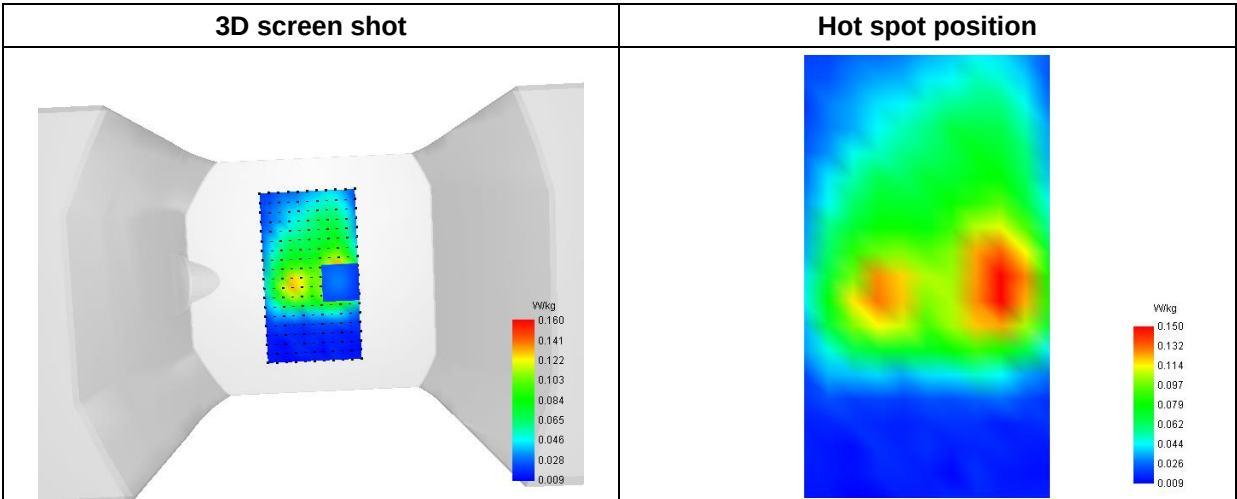
SAR 10g (W/Kg)	0.083757
SAR 1g (W/Kg)	0.151595

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.2888	0.1595	0.0879	0.0530	0.0381



F. 3D Image



MEASUREMENT 41

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

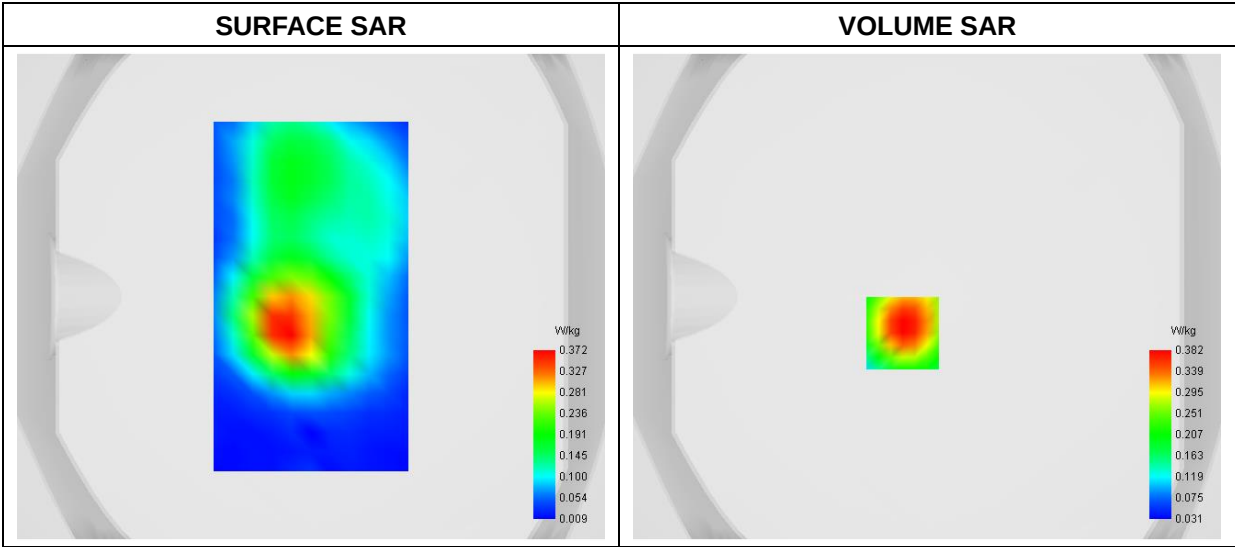
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WCDMA1900_RMC
Channels	Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	-1.551200
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



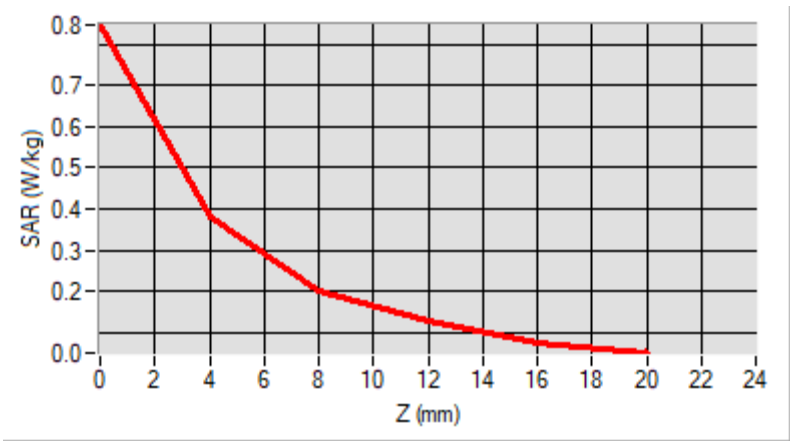
Maximum location: X=-10.00, Y=-15.00

D. SAR 1g & 10g

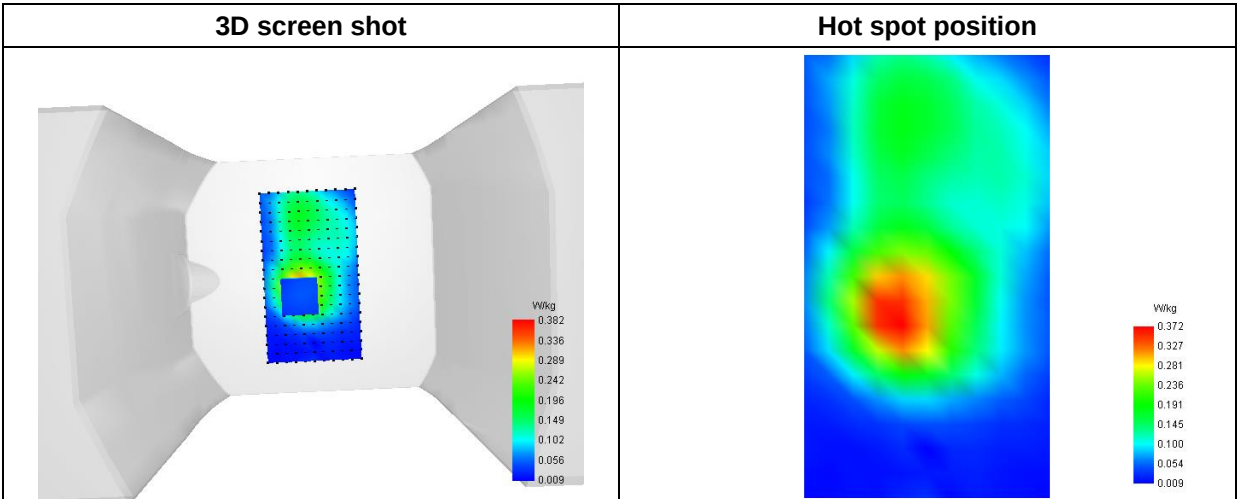
SAR 10g (W/Kg)	0.193343
SAR 1g (W/Kg)	0.363051

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8480	0.3824	0.1997	0.1257	0.0748



F. 3D Image



MEASUREMENT 42

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

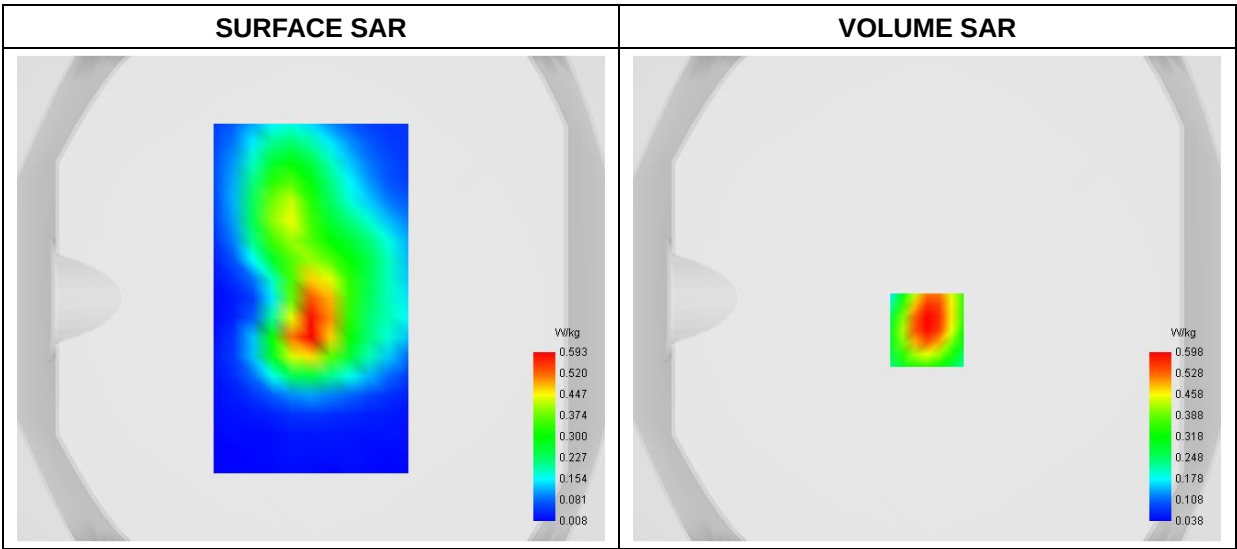
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WCDMA1700_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1712.400000
Relative Permittivity (real part)	39.541895
Conductivity (S/m)	1.371557
Power Variation (%)	0.961400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



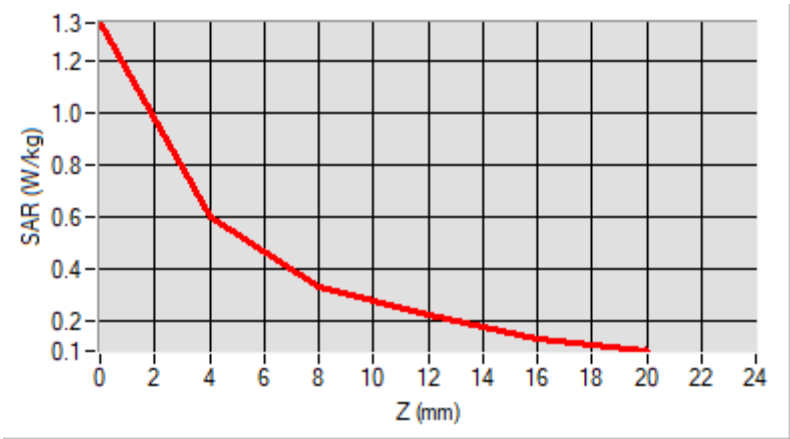
Maximum location: X=0.00, Y=-13.00

D. SAR 1g & 10g

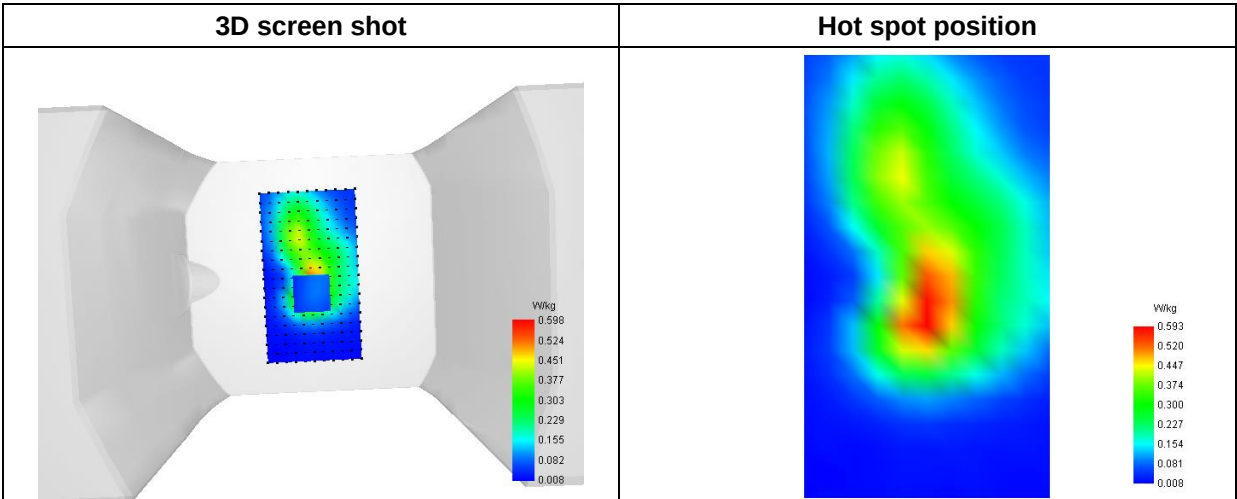
SAR 10g (W/Kg)	0.302627
SAR 1g (W/Kg)	0.559698

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.3438	0.5983	0.3312	0.2241	0.1330



F. 3D Image



MEASUREMENT 43

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

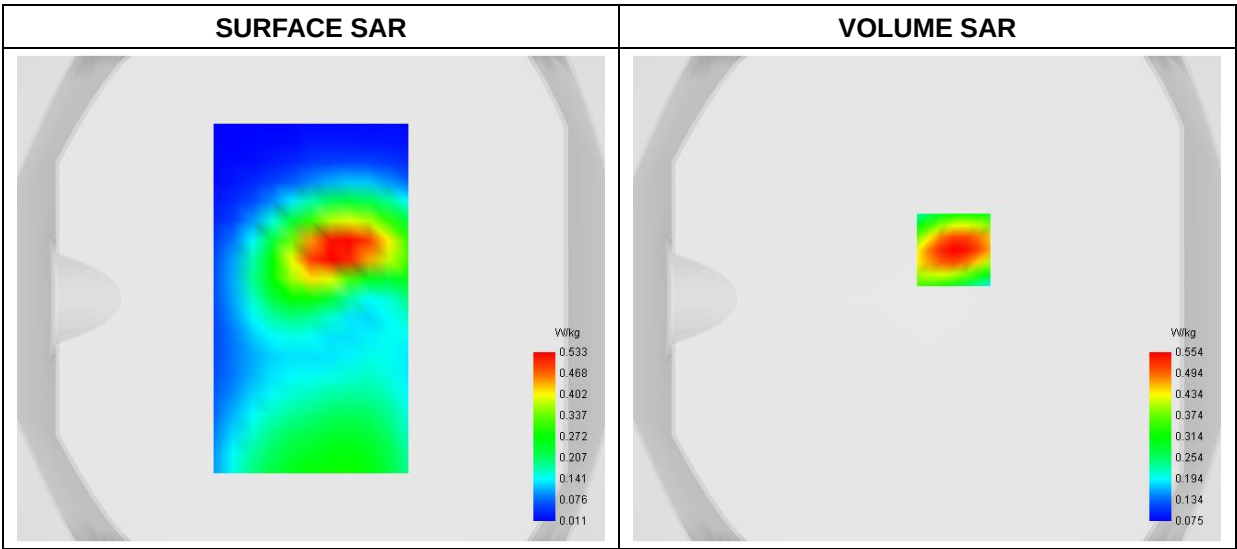
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WCDMA850_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	846.600000
Relative Permittivity (real part)	42.264712
Conductivity (S/m)	0.871495
Power Variation (%)	-0.175800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



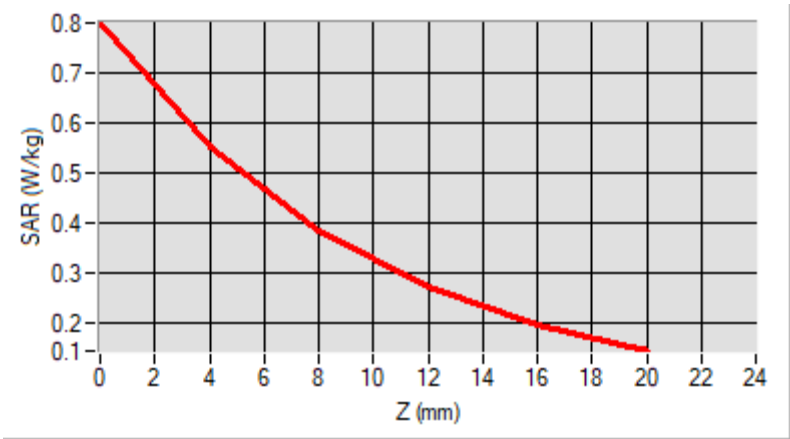
Maximum location: X=11.00, Y=20.00

D. SAR 1g & 10g

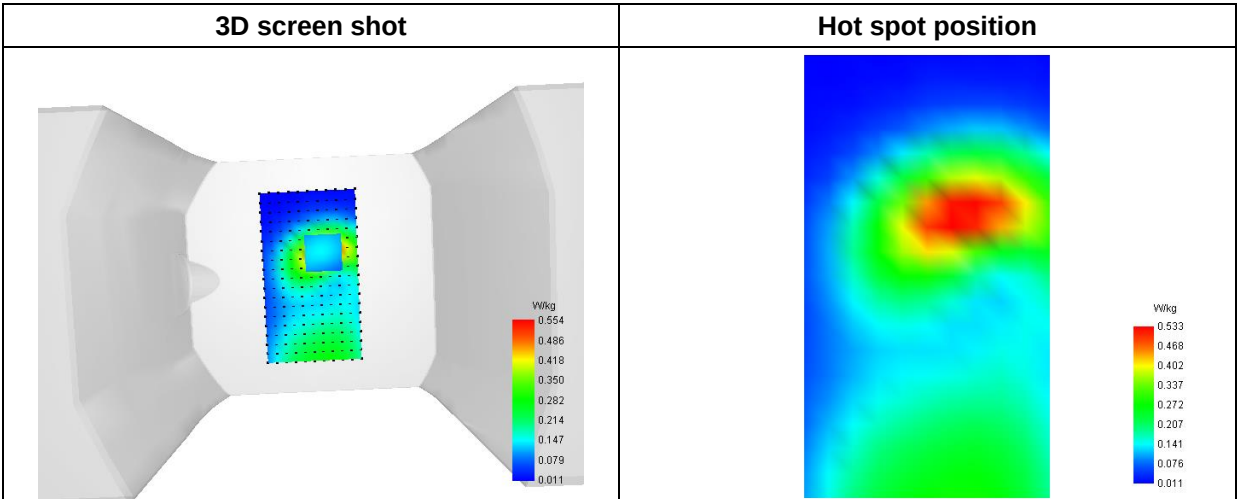
SAR 10g (W/Kg)	0.316669
SAR 1g (W/Kg)	0.516820

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8007	0.5537	0.3836	0.2713	0.1980



F. 3D Image



MEASUREMENT 44

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

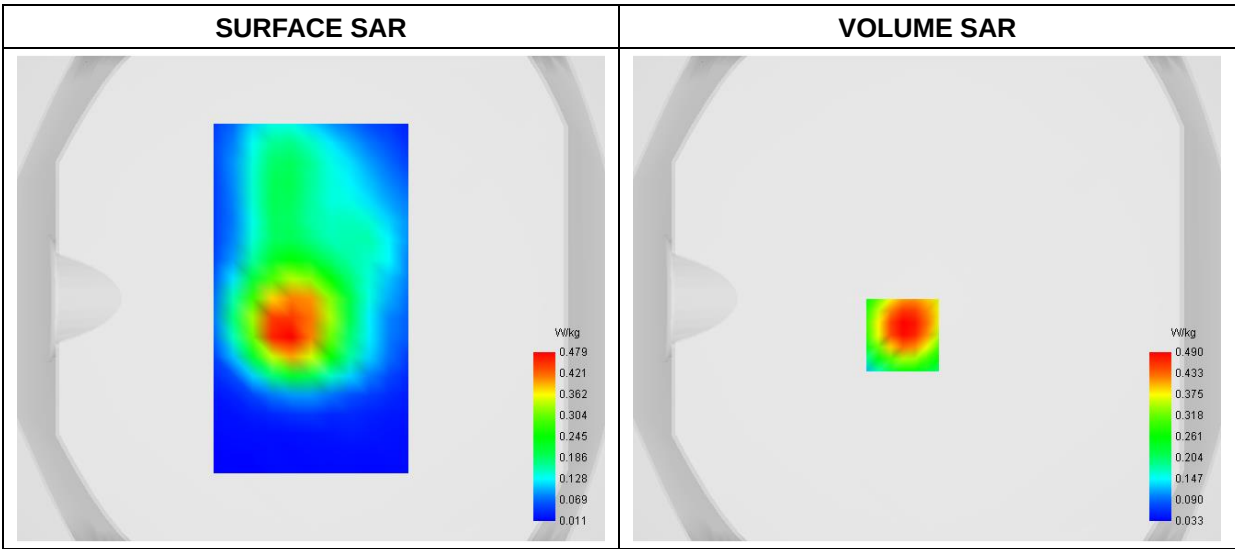
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.524216
Conductivity (S/m)	1.371368
Power Variation (%)	-1.541700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



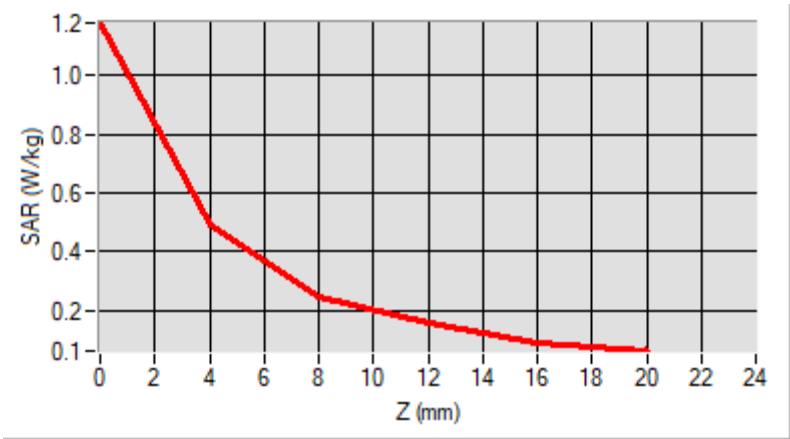
Maximum location: X=-10.00, Y=-15.00

D. SAR 1g & 10g

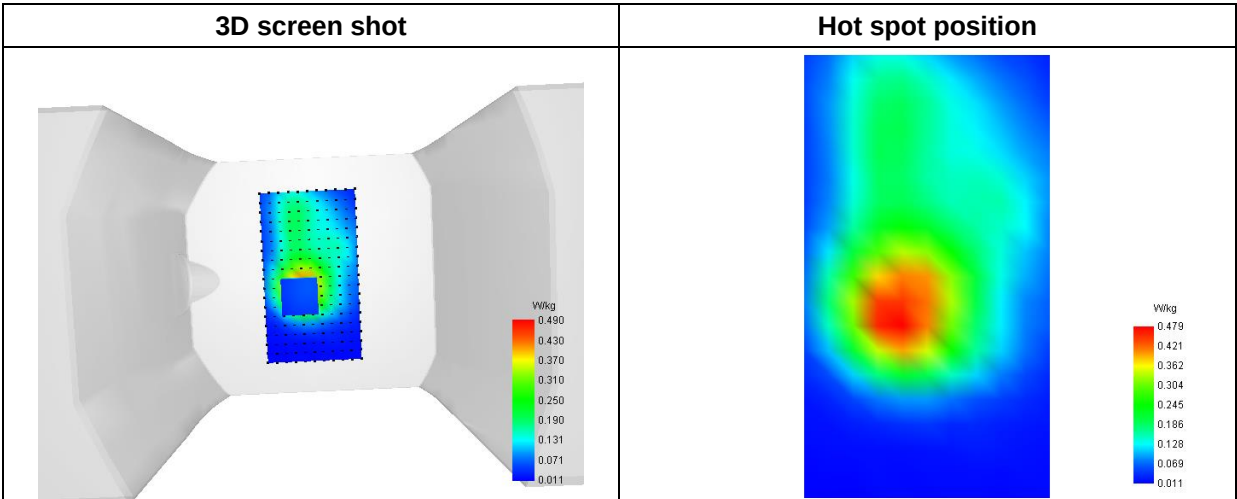
SAR 10g (W/Kg)	0.248162
SAR 1g (W/Kg)	0.465606

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1798	0.4897	0.2470	0.1588	0.0896



F. 3D Image



MEASUREMENT 45

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

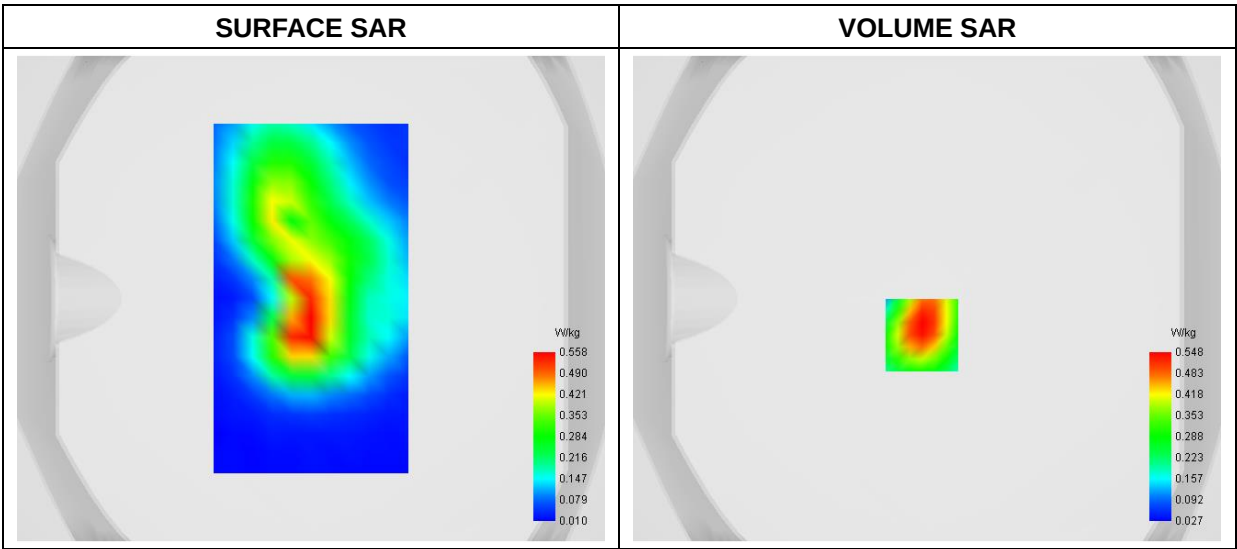
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 4
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.541489
Conductivity (S/m)	1.372508
Power Variation (%)	1.374700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



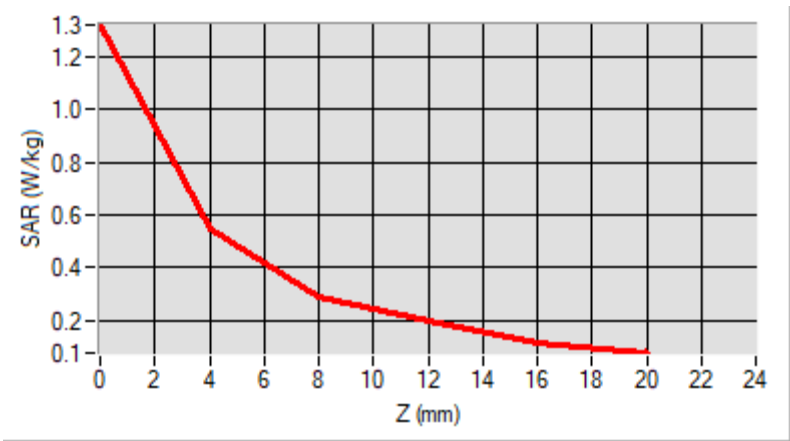
Maximum location: X=-2.00, Y=-15.00

D. SAR 1g & 10g

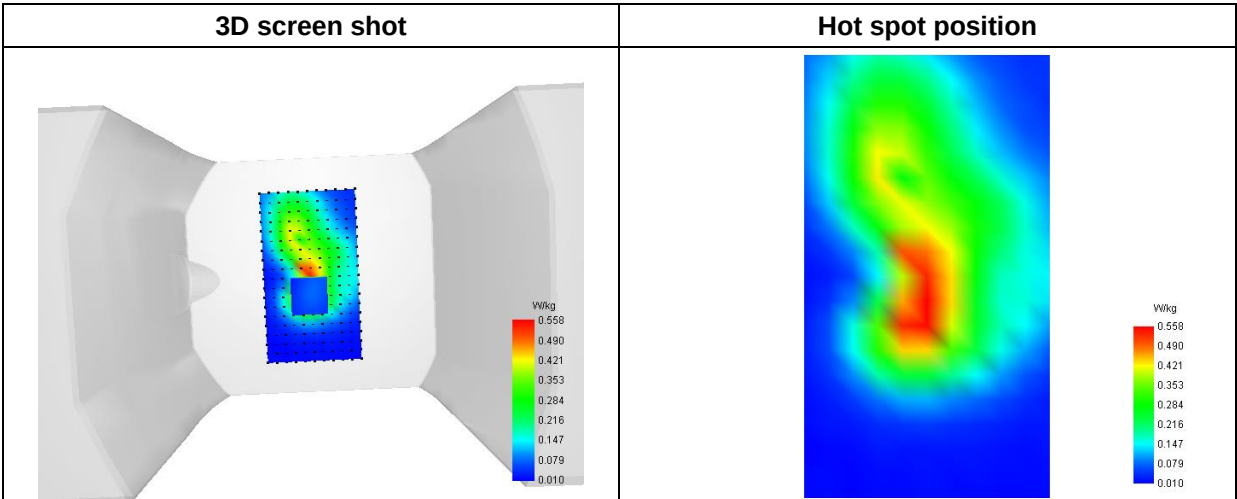
SAR 10g (W/Kg)	0.271812
SAR 1g (W/Kg)	0.511192

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.3183	0.5484	0.2913	0.1987	0.1152



F. 3D Image



MEASUREMENT 46

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

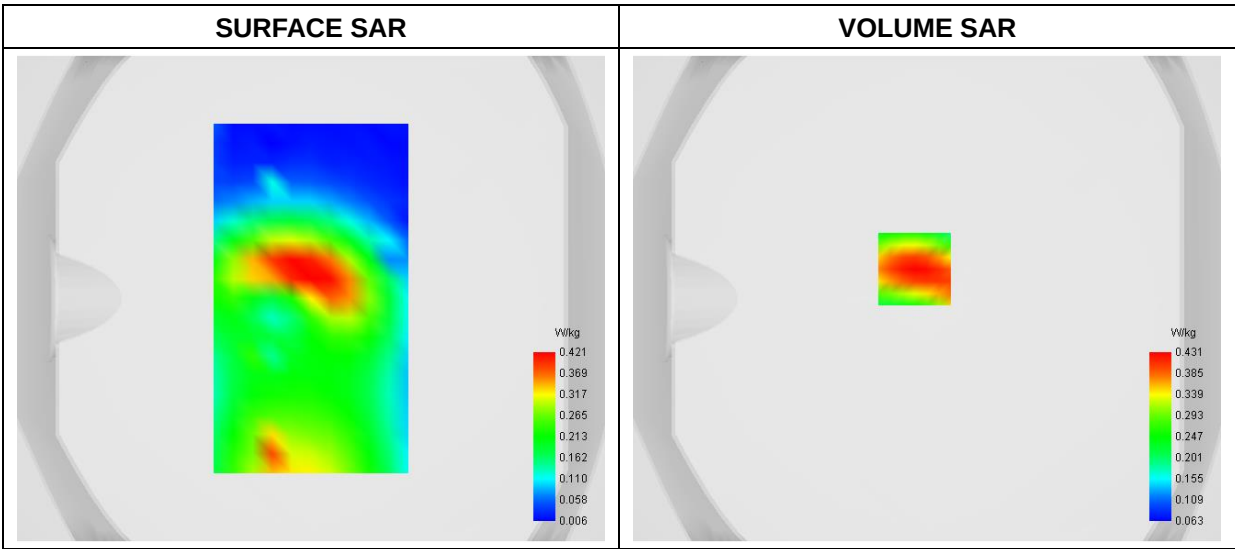
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.5000000
Relative Permittivity (real part)	42.261692
Conductivity (S/m)	0.871828
Power Variation (%)	-0.425700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



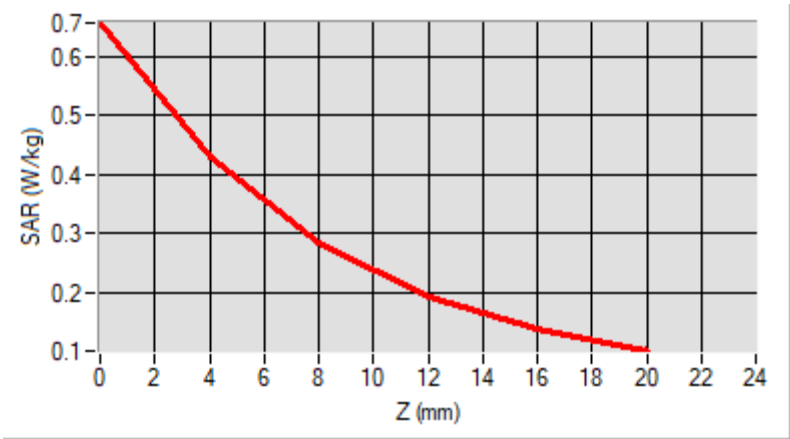
Maximum location: X=-5.00, Y=12.00

D. SAR 1g & 10g

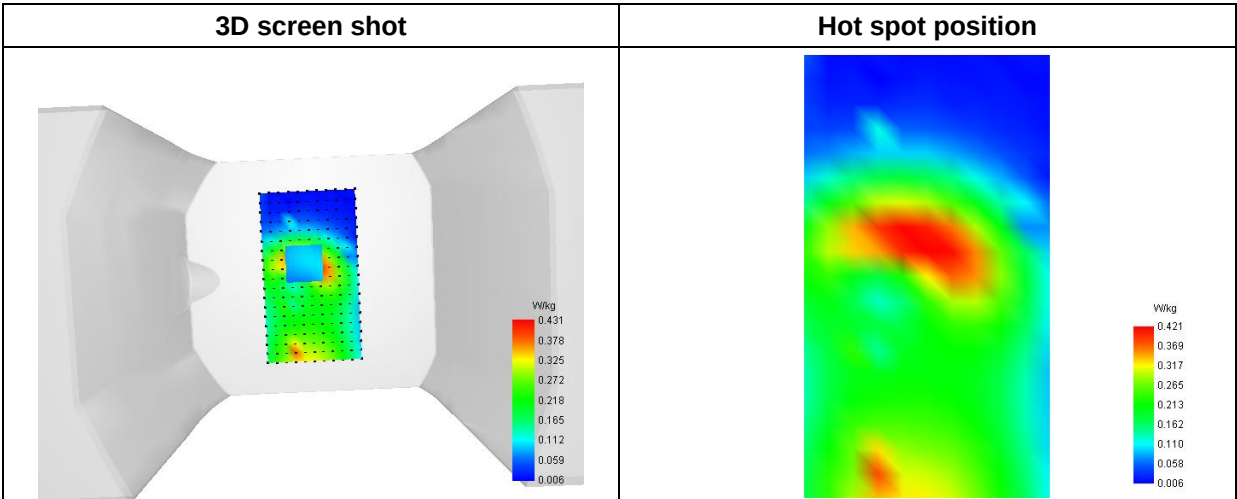
SAR 10g (W/Kg)	0.246952
SAR 1g (W/Kg)	0.406583

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6569	0.4310	0.2834	0.1926	0.1379



F. 3D Image



MEASUREMENT 47/83

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

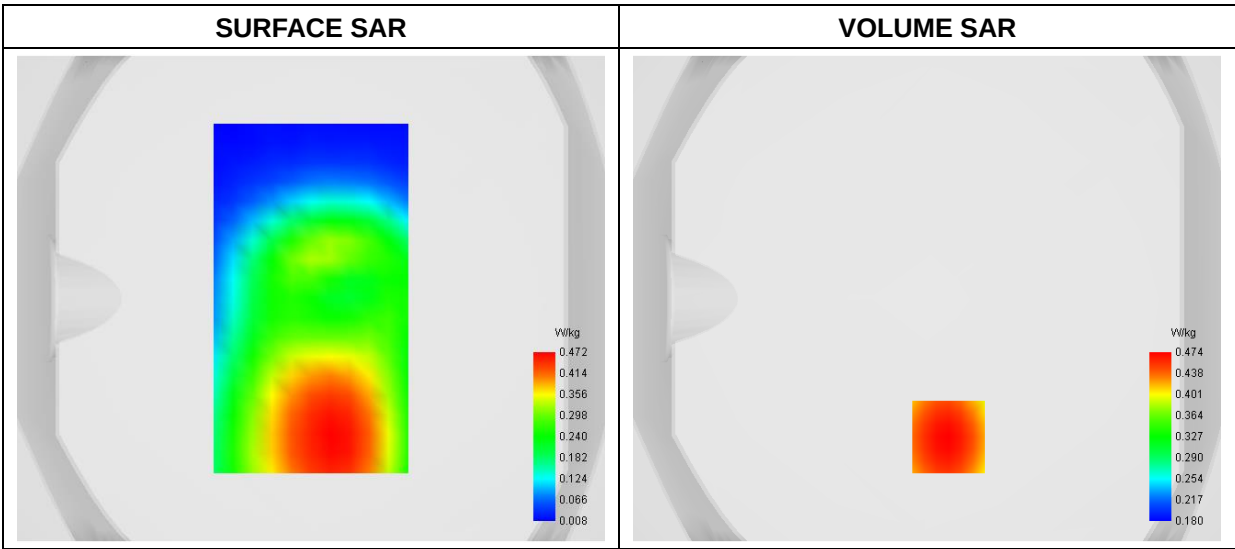
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 12
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	42.282941
Conductivity (S/m)	0.861023
Power Variation (%)	0.915700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



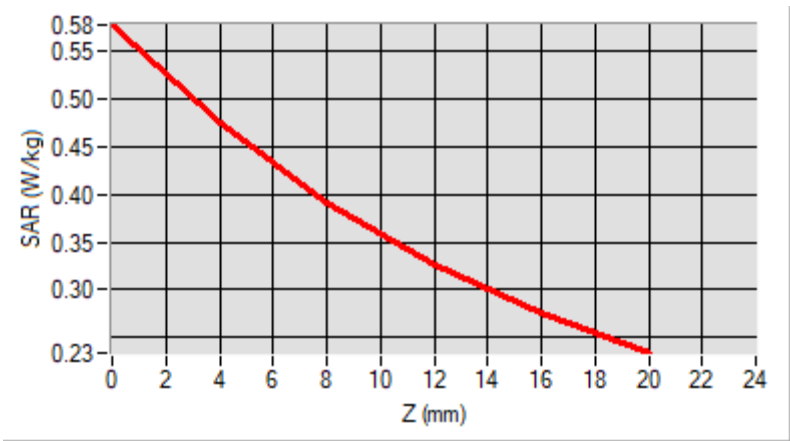
Maximum location: X=9.00, Y=-57.00

D. SAR 1g & 10g

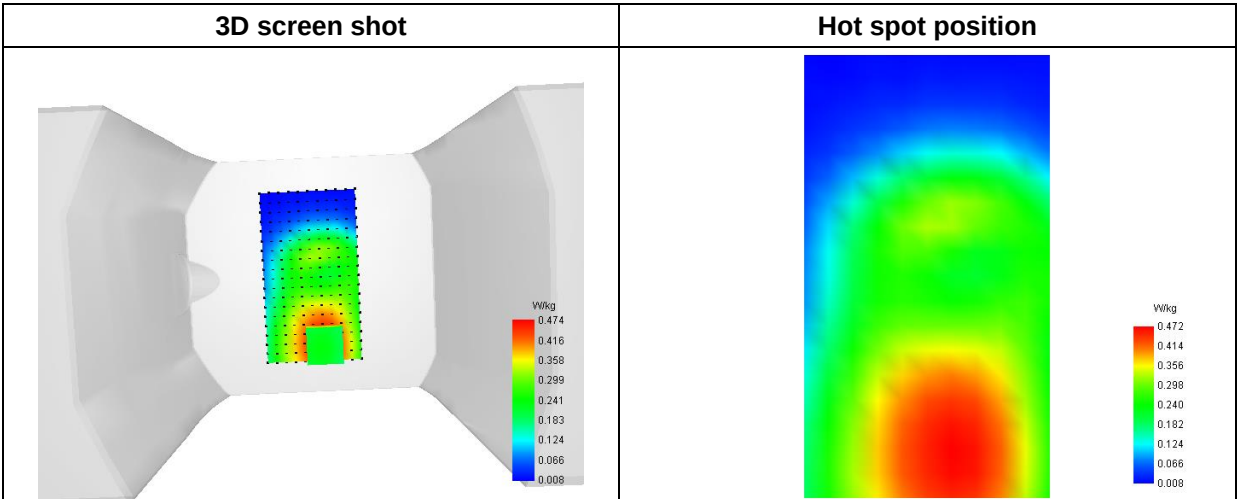
SAR 10g (W/Kg)	0.359442
SAR 1g (W/Kg)	0.467913

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5783	0.4743	0.3914	0.3267	0.2760



F. 3D Image



MEASUREMENT 48/84

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

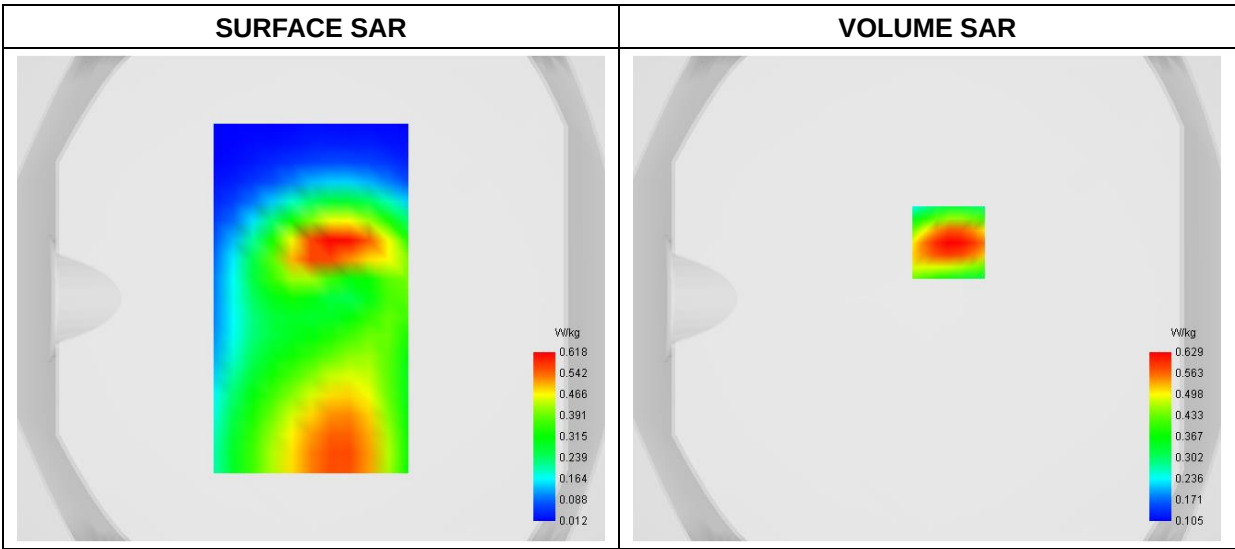
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 13
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	42.281457
Conductivity (S/m)	0.862447
Power Variation (%)	0.365700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



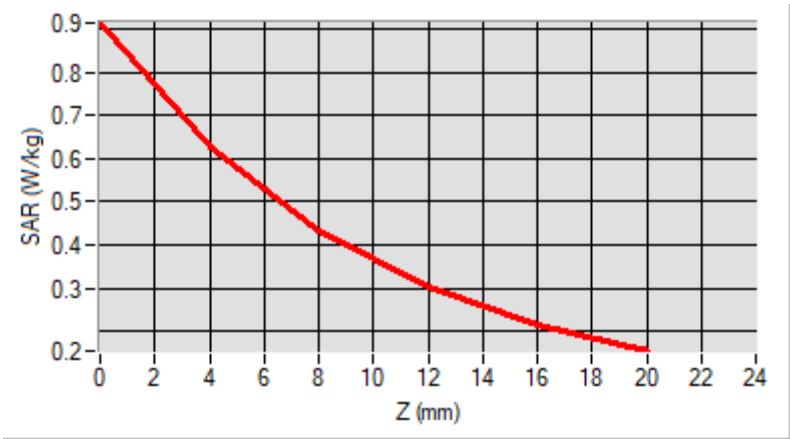
Maximum location: X=9.00, Y=23.00

D. SAR 1g & 10g

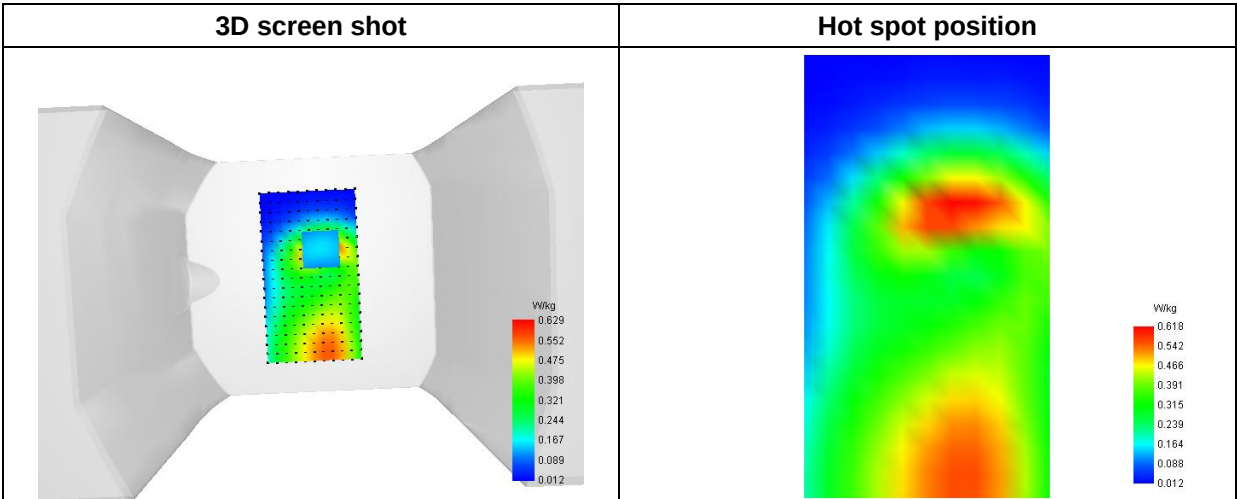
SAR 10g (W/Kg)	0.356967
SAR 1g (W/Kg)	0.586522

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9134	0.6289	0.4326	0.3026	0.2173



F. 3D Image



MEASUREMENT 49/85

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

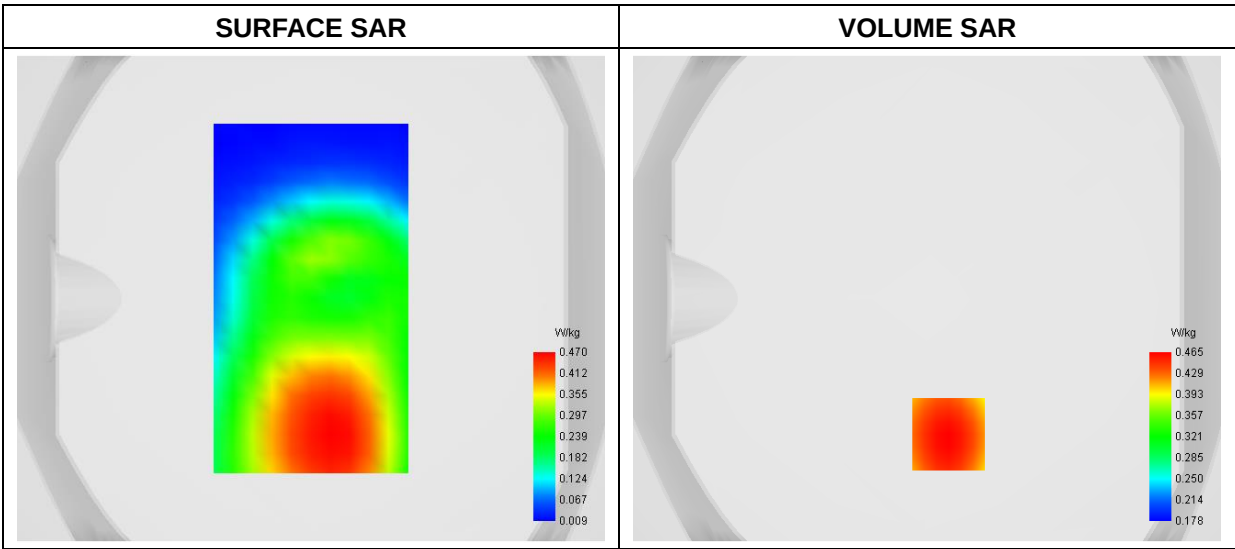
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	710.000000
Relative Permittivity (real part)	42.281634
Conductivity (S/m)	0.863645
Power Variation (%)	1.651700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



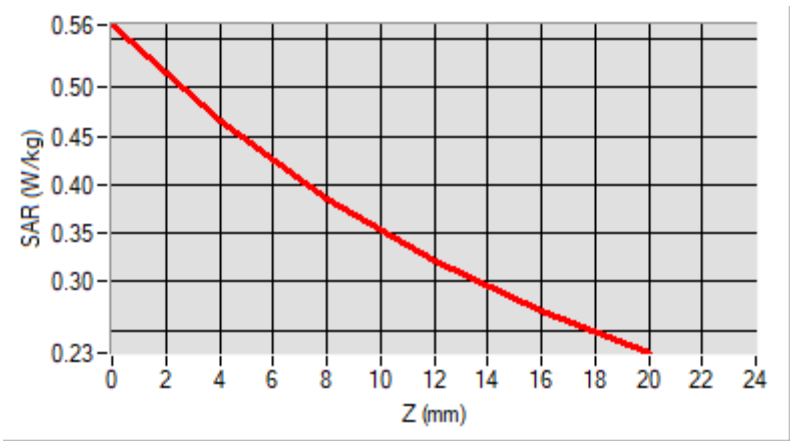
Maximum location: X=9.00, Y=-56.00

D. SAR 1g & 10g

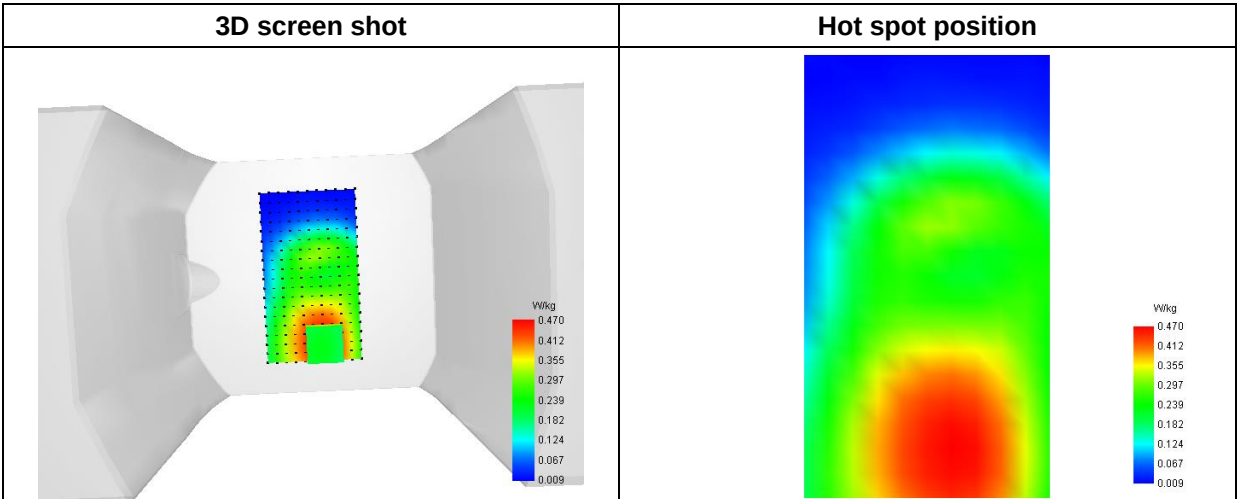
SAR 10g (W/Kg)	0.352739
SAR 1g (W/Kg)	0.459141

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5642	0.4649	0.3845	0.3208	0.2700



F. 3D Image



MEASUREMENT 50

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

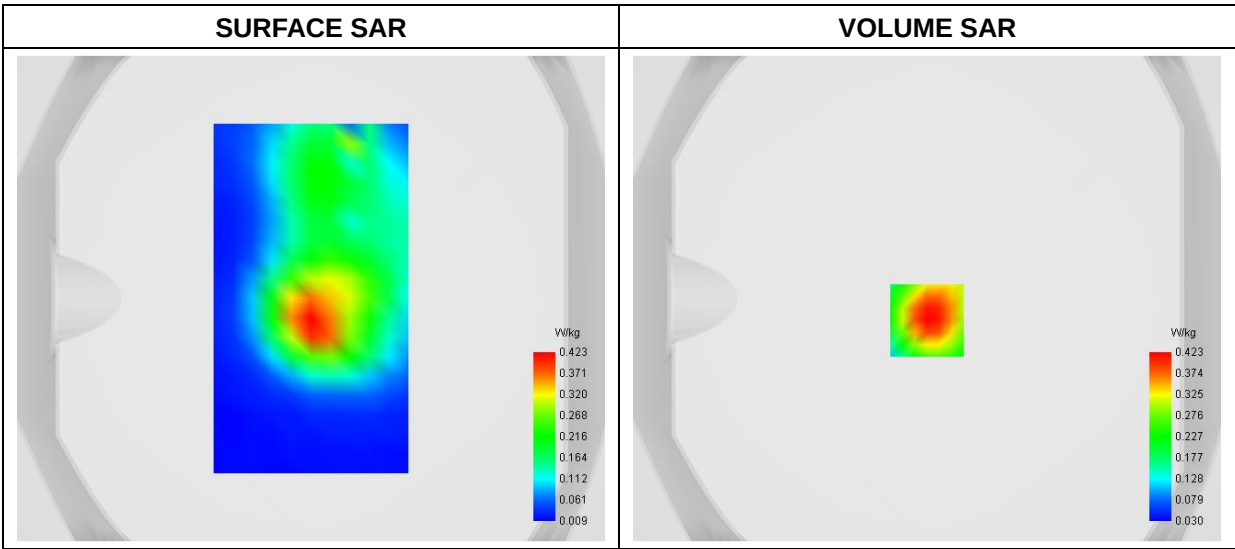
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 25
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1882.500000
Relative Permittivity (real part)	39.542631
Conductivity (S/m)	1.373625
Power Variation (%)	1.861800
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



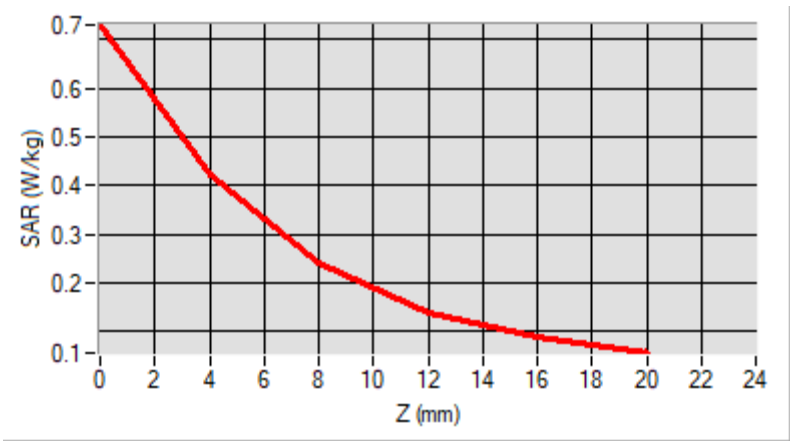
Maximum location: X=0.00, Y=-9.00

D. SAR 1g & 10g

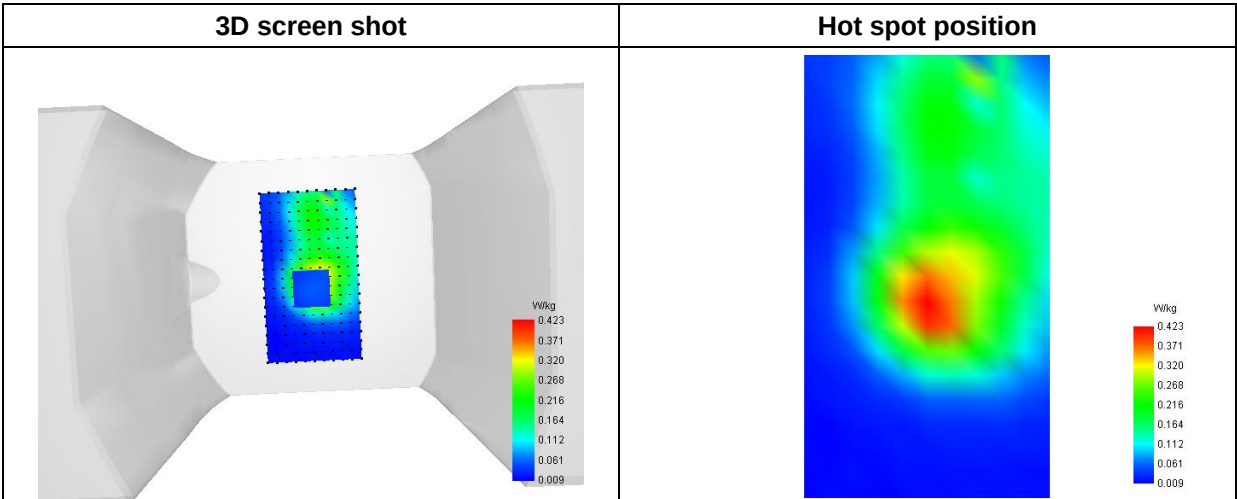
SAR 10g (W/Kg)	0.210987
SAR 1g (W/Kg)	0.398754

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7302	0.4229	0.2403	0.1403	0.0882



F. 3D Image



MEASUREMENT 51/87

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

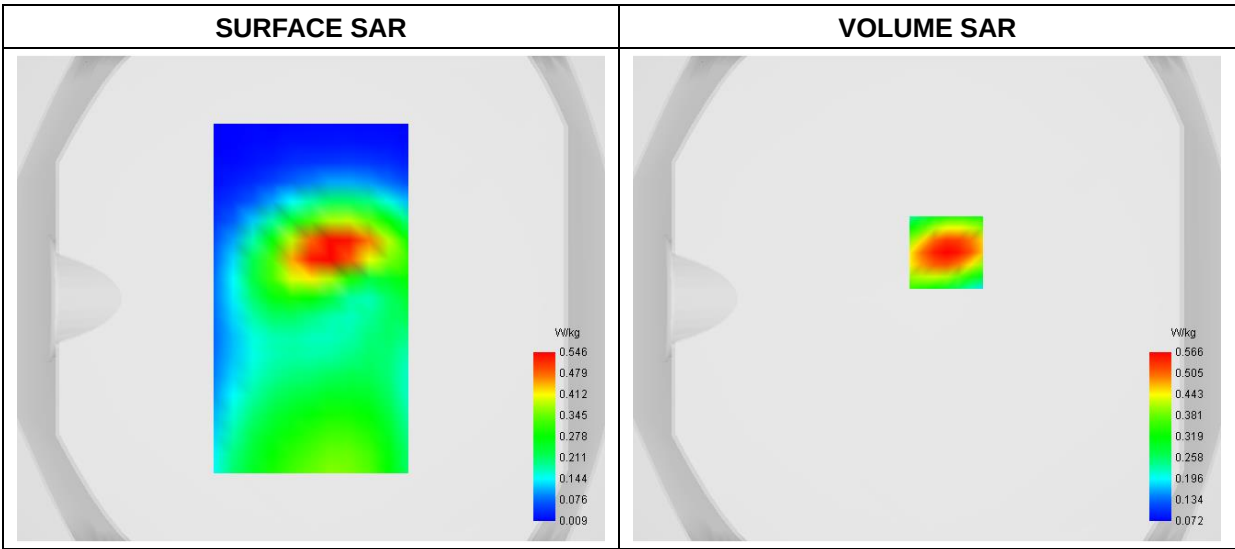
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 26(814-824MHz)
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	821.500000
Relative Permittivity (real part)	42.281512
Conductivity (S/m)	0.862026
Power Variation (%)	1.585800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



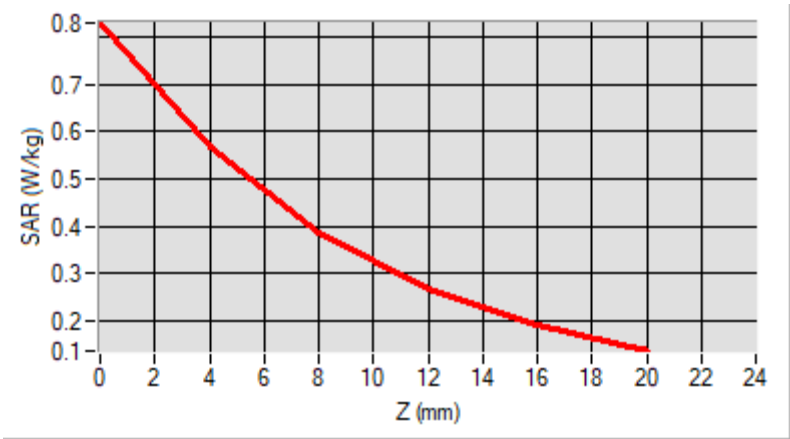
Maximum location: X=8.00, Y=19.00

D. SAR 1g & 10g

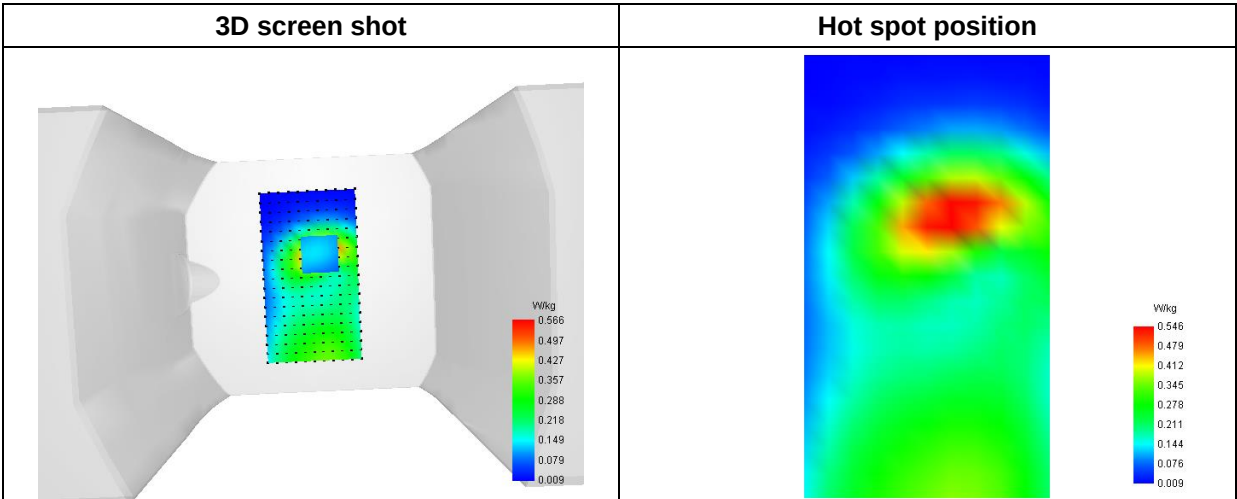
SAR 10g (W/Kg)	0.318480
SAR 1g (W/Kg)	0.528010

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8303	0.5663	0.3859	0.2679	0.1915



F. 3D Image



MEASUREMENT 52/88

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

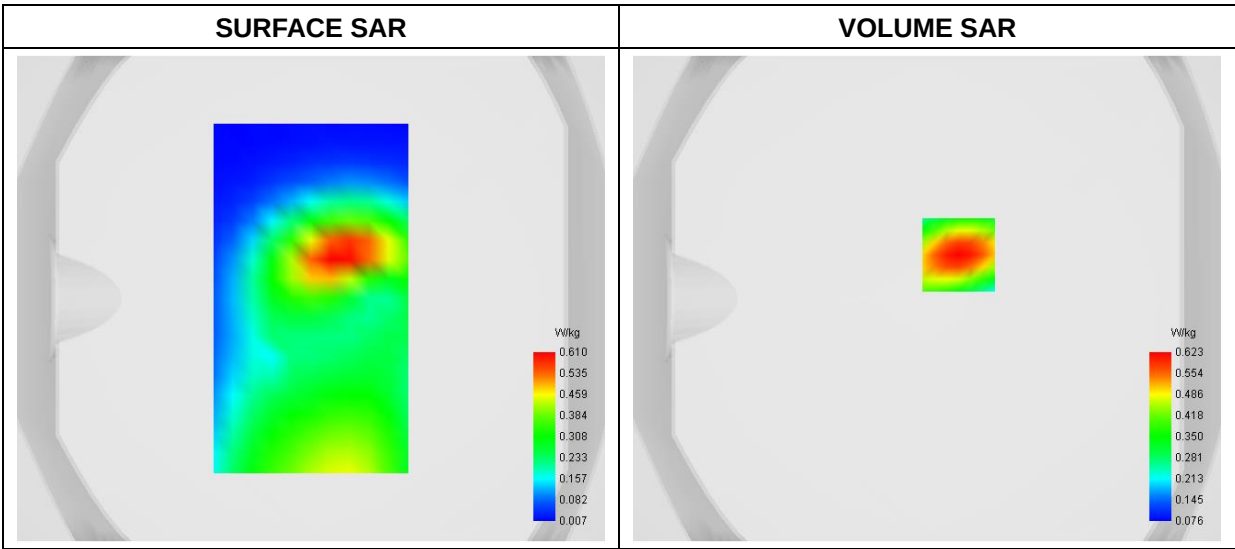
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 26(824-849MHz)
Channels	QPSK, 15MHz, 1%RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	831.000000
Relative Permittivity (real part)	42.262454
Conductivity (S/m)	0.872978
Power Variation (%)	-1.862700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



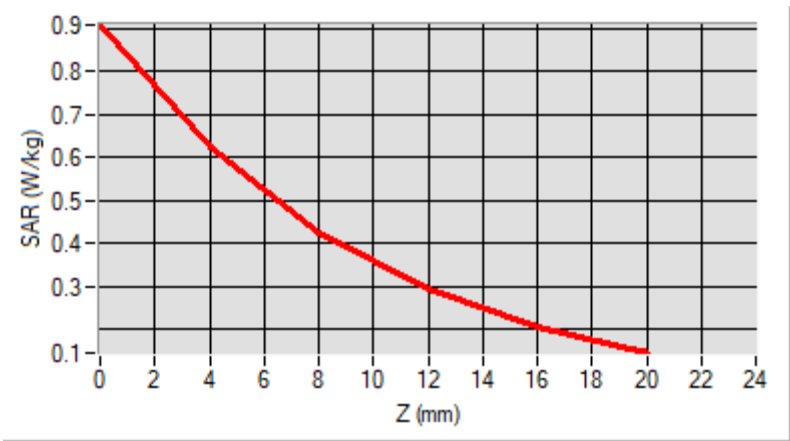
Maximum location: X=13.00, Y=18.00

D. SAR 1g & 10g

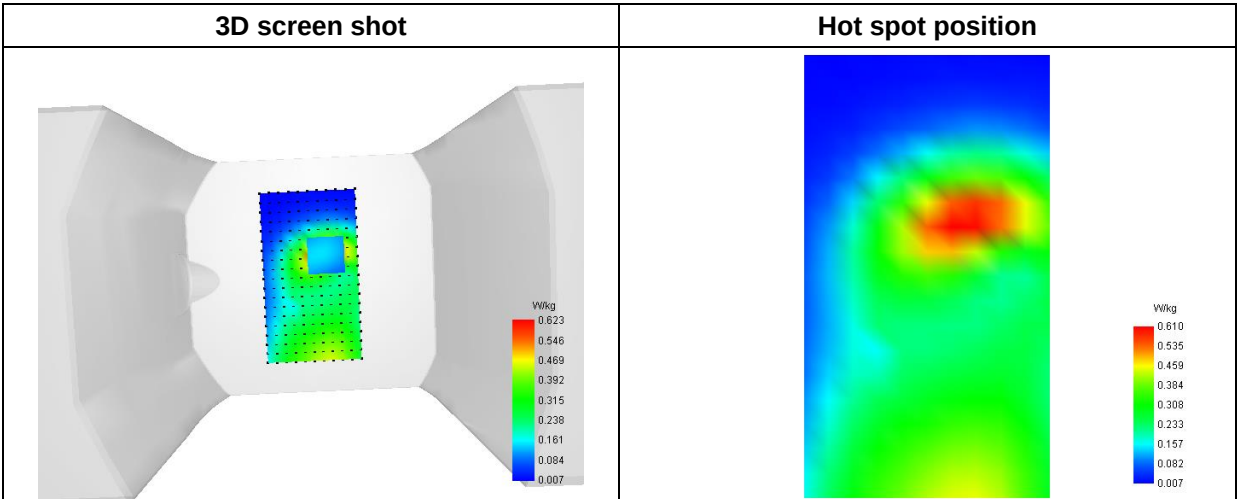
SAR 10g (W/Kg)	0.350751
SAR 1g (W/Kg)	0.580237

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9075	0.6227	0.4257	0.2947	0.2084



F. 3D Image



MEASUREMENT 53

Type: Phone measurement (Complete)
Date of measurement: 2023-06-05
Measurement duration: 12 minutes 3 seconds

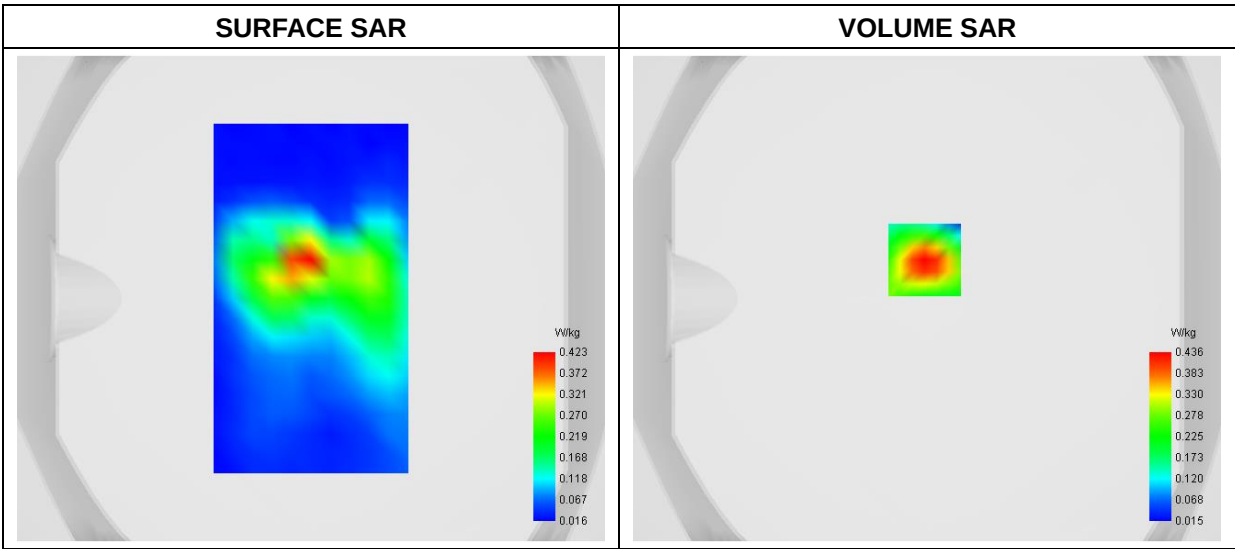
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 41
Channels	QPSK, 20MHz,1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2680.000000
Relative Permittivity (real part)	38.872561
Conductivity (S/m)	1.943017
Power Variation (%)	1.524900
Ambient Temperature	22.1
Liquid Temperature	22.1

C. SAR Surface and Volume



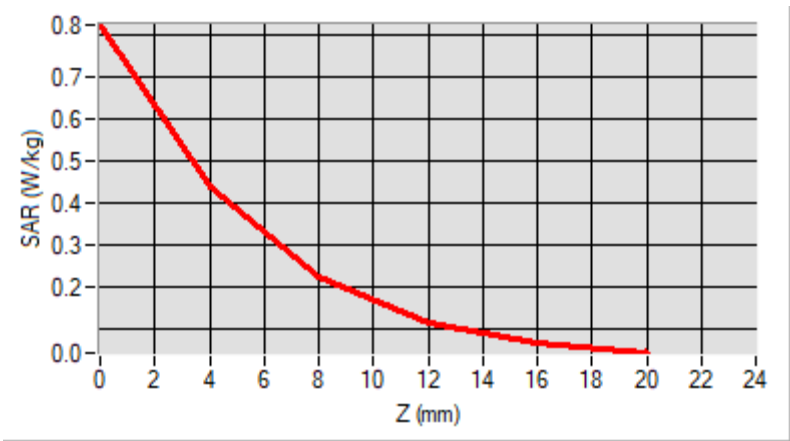
Maximum location: X=-1.00, Y=16.00

D. SAR 1g & 10g

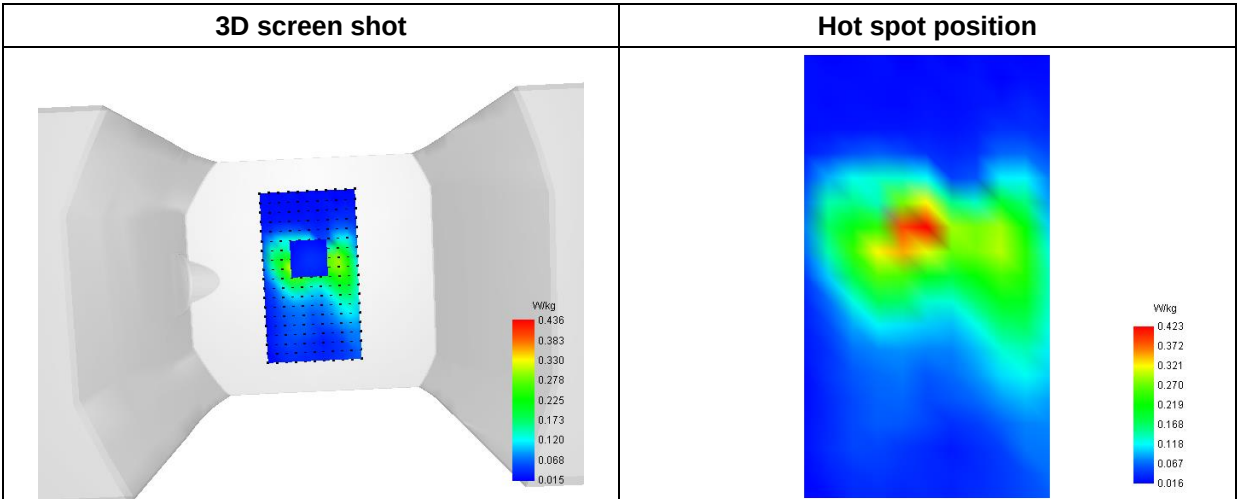
SAR 10g (W/Kg)	0.192184
SAR 1g (W/Kg)	0.403173

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8244	0.4356	0.2212	0.1153	0.0671



F. 3D Image



MEASUREMENT 54

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

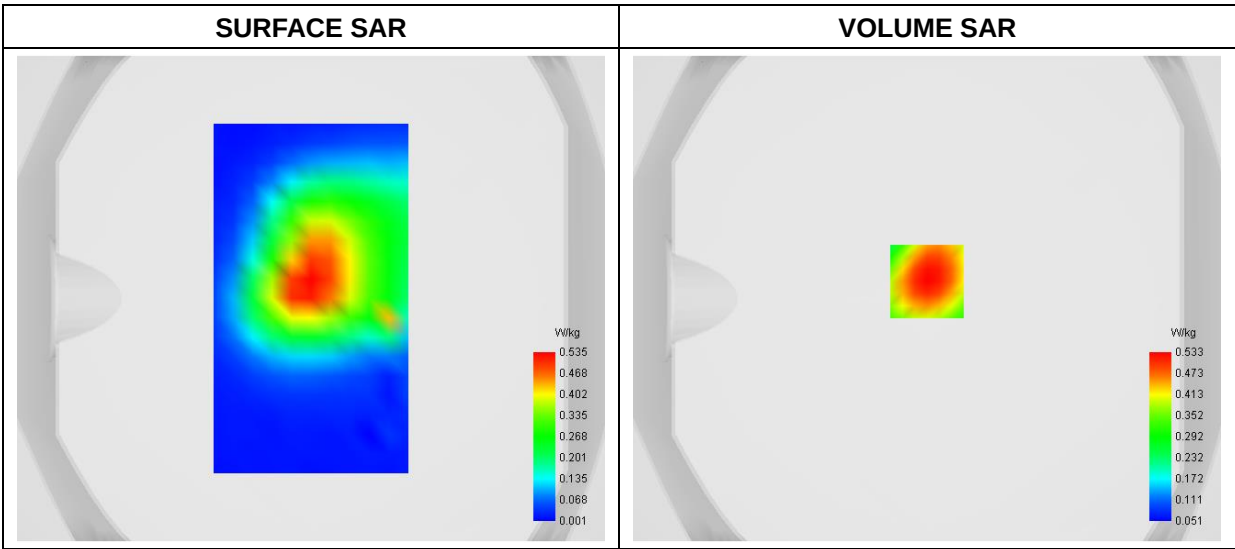
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 66
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1745.000000
Relative Permittivity (real part)	39.542890
Conductivity (S/m)	1.374508
Power Variation (%)	1.255800
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



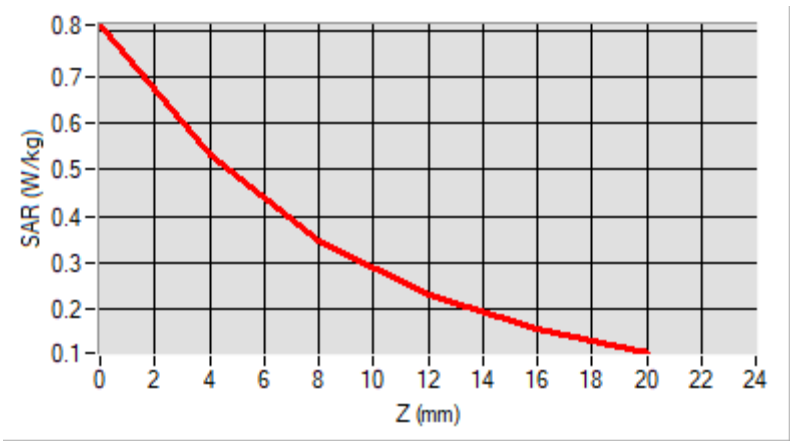
Maximum location: X=0.00, Y=7.00

D. SAR 1g & 10g

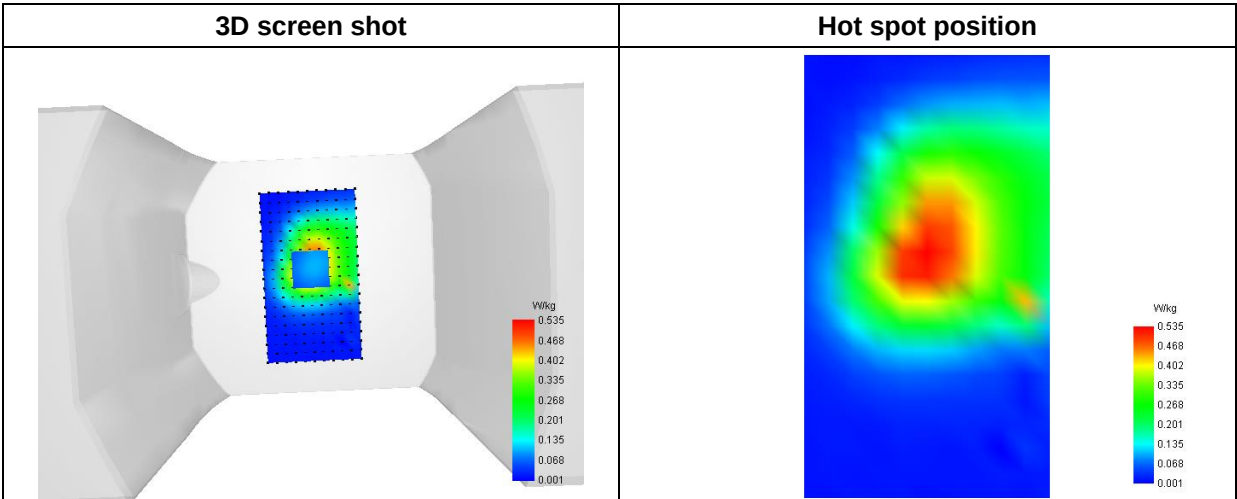
SAR 10g (W/Kg)	0.297852
SAR 1g (W/Kg)	0.504273

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8147	0.5330	0.3459	0.2275	0.1538



F. 3D Image



MEASUREMENT 55/91

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

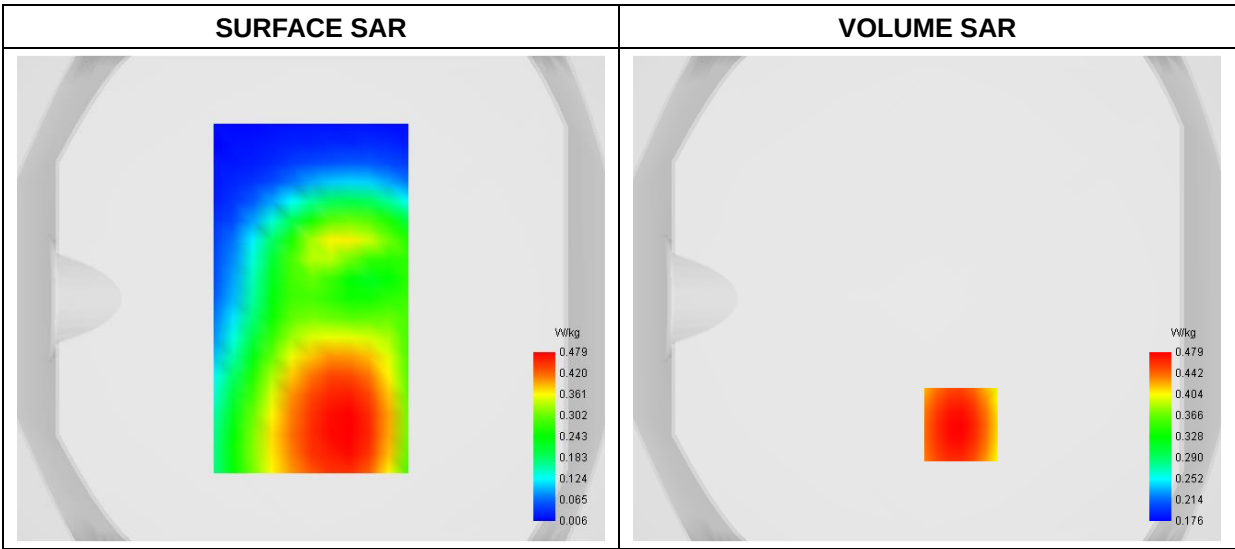
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 71
Channels	QPSK, 20MHz, 1RB,Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	673.000000
Relative Permittivity (real part)	42.284951
Conductivity (S/m)	0.863071
Power Variation (%)	1.153900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



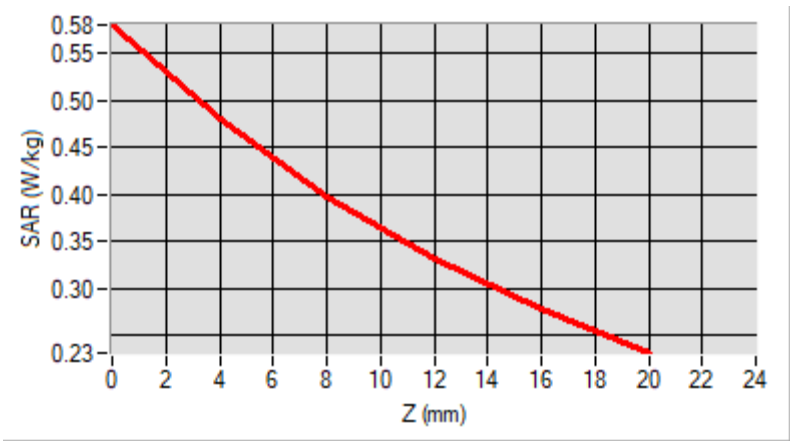
Maximum location: X=14.00, Y=-52.00

D. SAR 1g & 10g

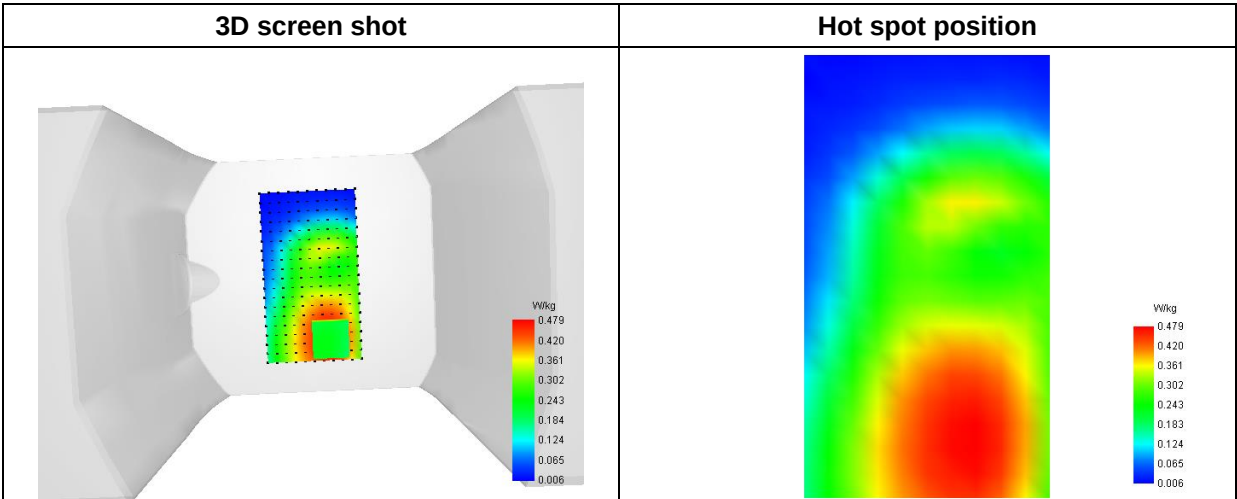
SAR 10g (W/Kg)	0.363024
SAR 1g (W/Kg)	0.473325

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5806	0.4795	0.3968	0.3304	0.2767



F. 3D Image



MEASUREMENT 56

Type: Phone measurement (Complete)
Date of measurement: 2023-06-01
Measurement duration: 12 minutes 3 seconds

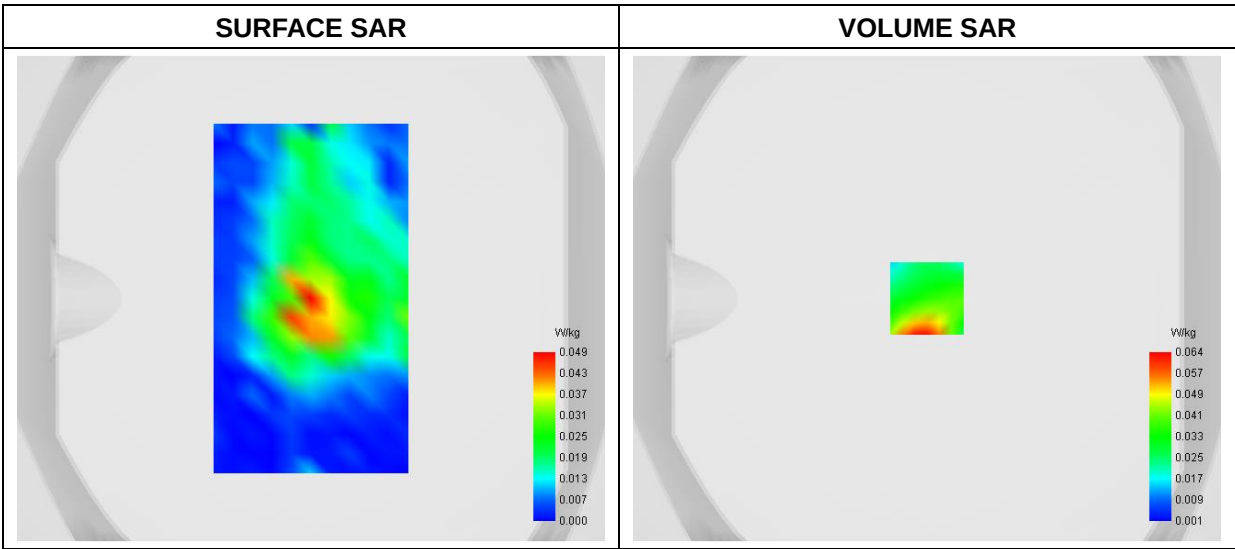
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	NR n2
Channels	CP-OFDM-QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.521475
Conductivity (S/m)	1.371249
Power Variation (%)	2.588100
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



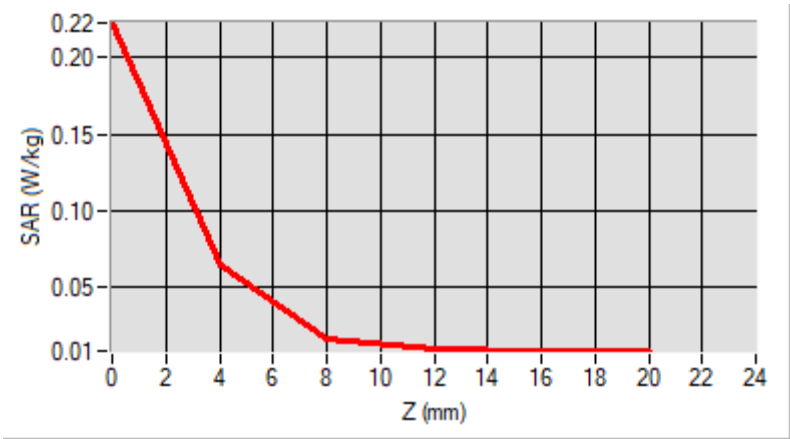
Maximum location: X=0.00, Y=0.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.023163
SAR 1g (W/Kg)	0.052949

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.2226	0.0645	0.0159	0.0094	0.0086



F. 3D Image

3D screen shot	Hot spot position
A 3D model of a device with a color-coded SAR distribution. The color scale ranges from 0.000 (blue) to 0.064 (red). The highest SAR values are concentrated in the center of the device, with a peak value of 0.064 W/kg.	A 2D heatmap showing the hot spot position. The color scale ranges from 0.000 (blue) to 0.049 (red). The highest SAR values are concentrated in the center of the device, with a peak value of 0.049 W/kg.

MEASUREMENT 57/93

Type: Phone measurement (Complete)
Date of measurement: 2023-05-29
Measurement duration: 12 minutes 3 seconds

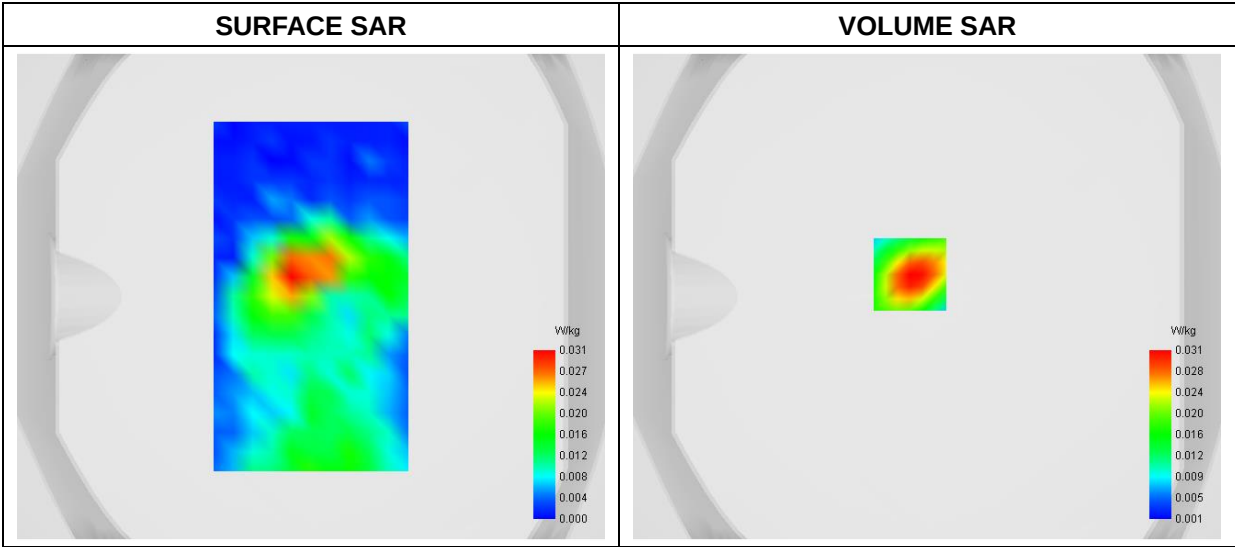
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	NR n5
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	839.000000
Relative Permittivity (real part)	42.257320
Conductivity (S/m)	0.871498
Power Variation (%)	2.583900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



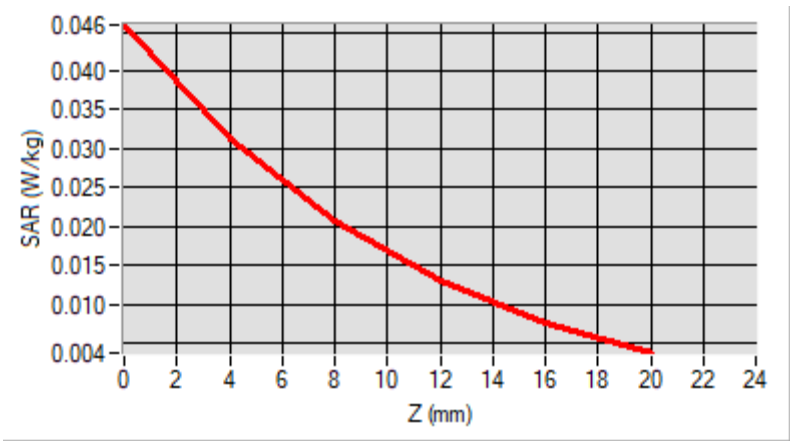
Maximum location: X=-7.00, Y=9.00

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.015396
SAR 1g (W/Kg)	0.029645

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0459	0.0313	0.0206	0.0129	0.0075



F. 3D Image

