

Annex A. Plots of System Performance Check

MEASUREMENT 1

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-27

Measurement duration: 7 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

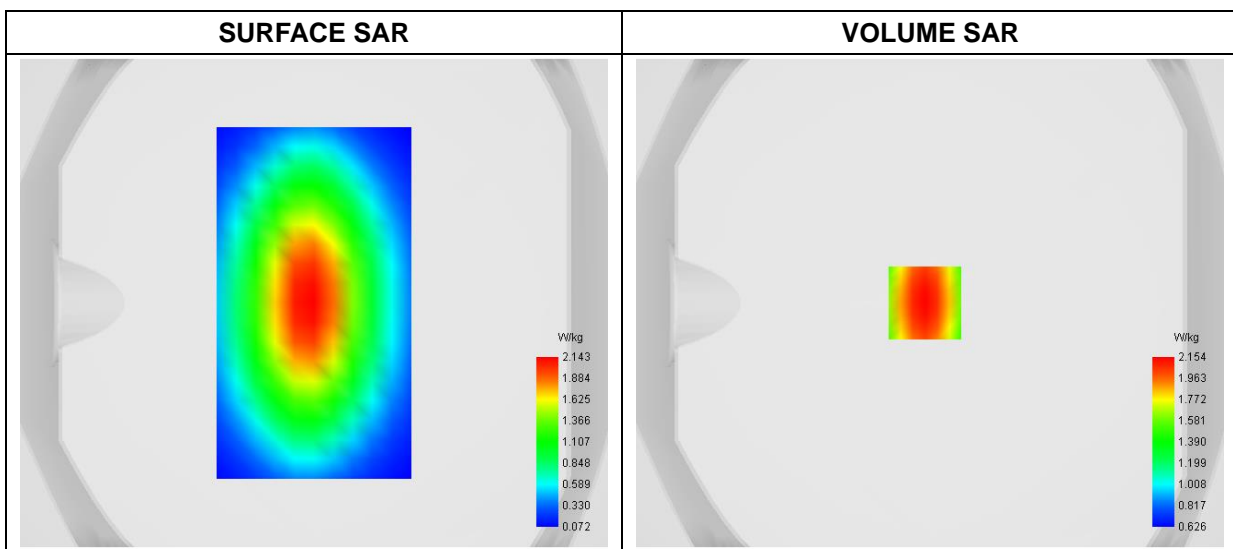
A. Experimental conditions

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)	42.282457
Conductivity (S/m)	0.862347
Power Variation (%)	1.178100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



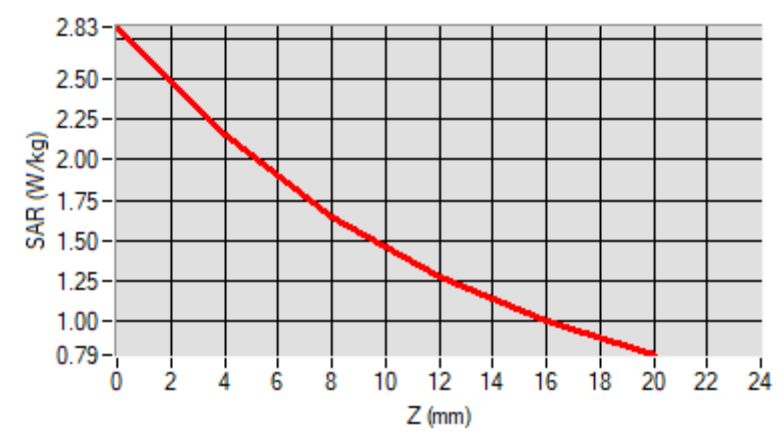
Maximum location: X=-2.00, Y=0.00

D. SAR 1g & 10g

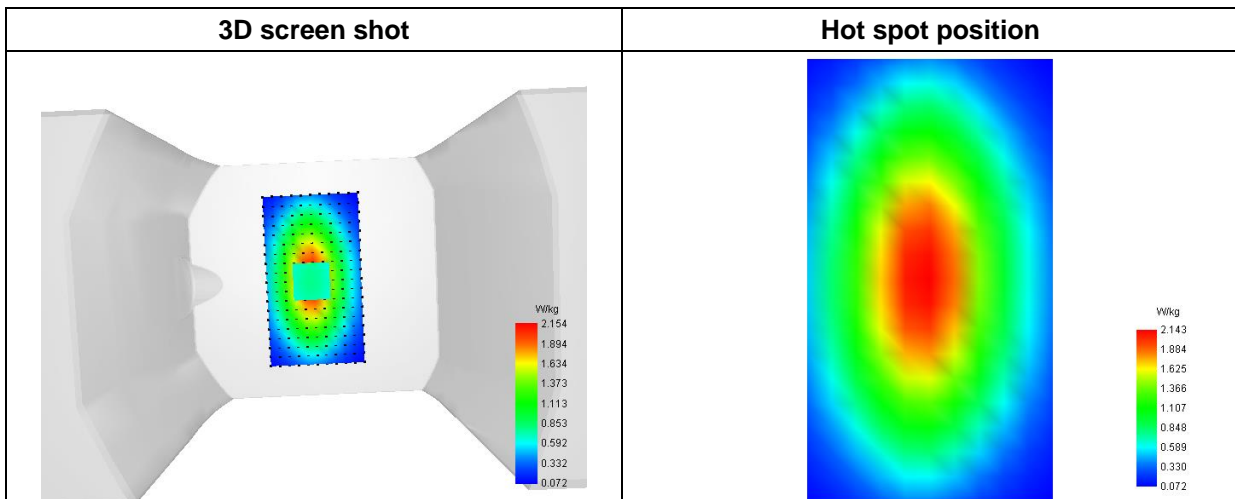
SAR 10g (W/Kg)	1.430855
SAR 1g (W/Kg)	2.051374

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	2.8268	2.1542	1.6473	1.2759	1.0033



F. 3D Image



MEASUREMENT 2

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

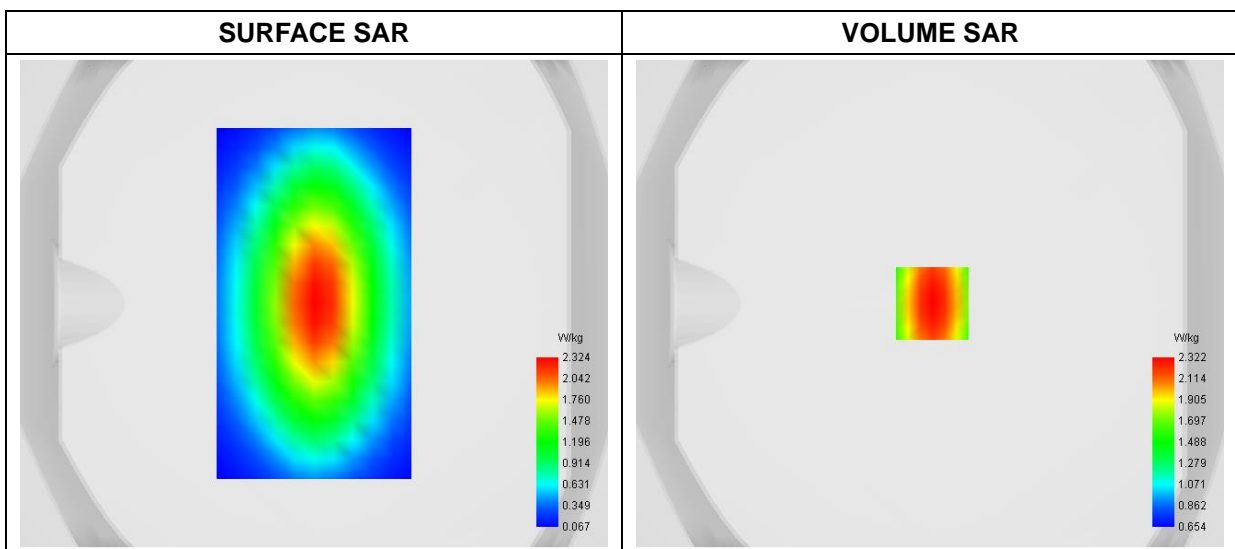
A. Experimental conditions

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)	42.261524
Conductivity (S/m)	0.871417
Power Variation (%)	-1.884700
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



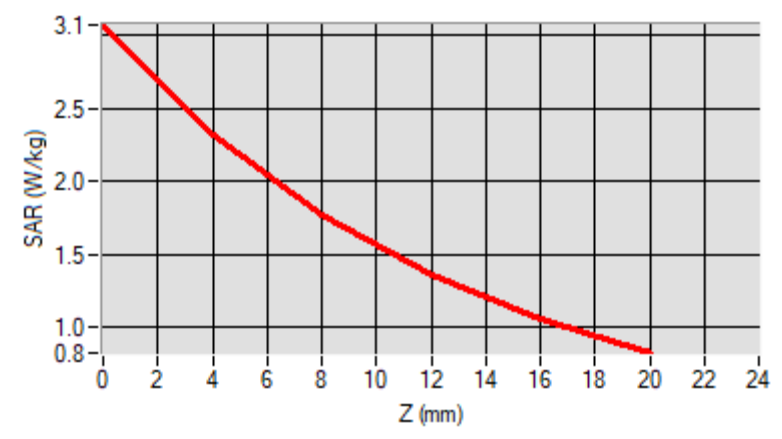
Maximum location: X=1.00, Y=0.00

D. SAR 1g & 10g

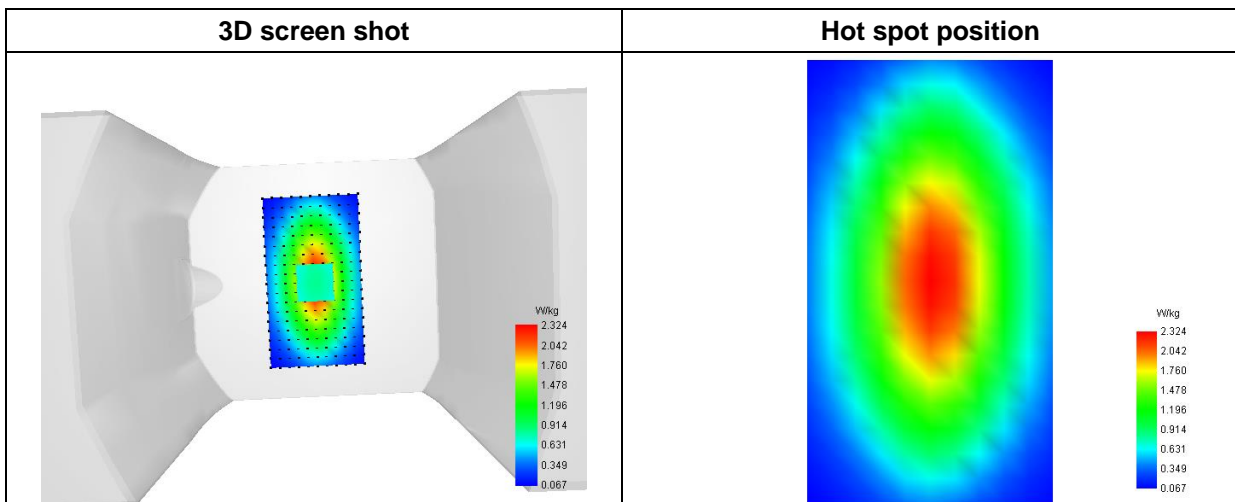
SAR 10g (W/Kg)	1.527360
SAR 1g (W/Kg)	2.210386

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	3.0677	2.3224	1.7644	1.3585	1.0631



F. 3D Image



MEASUREMENT 3

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

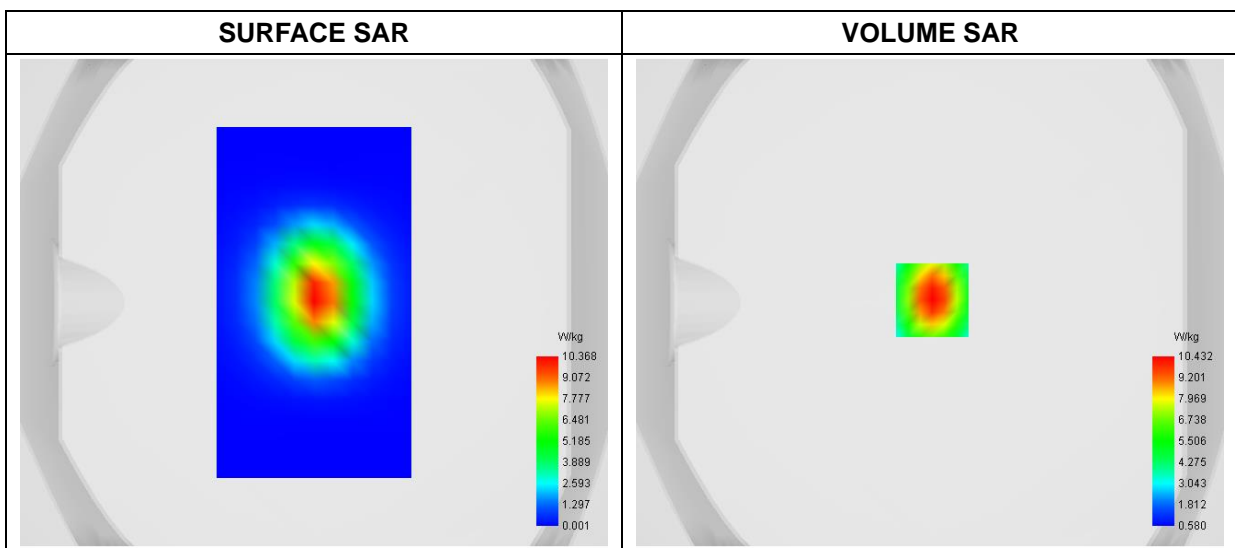
A. Experimental conditions

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)	39.170447
Conductivity (S/m)	1.381485
Power Variation (%)	1.425800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



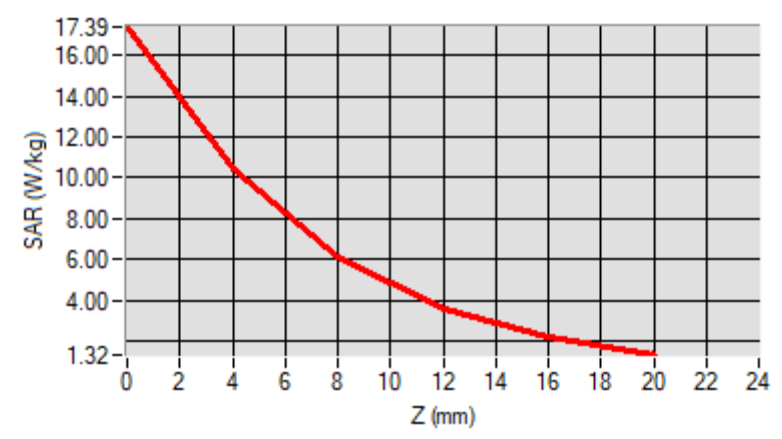
Maximum location: X=1.00, Y=1.00

D. SAR 1g & 10g

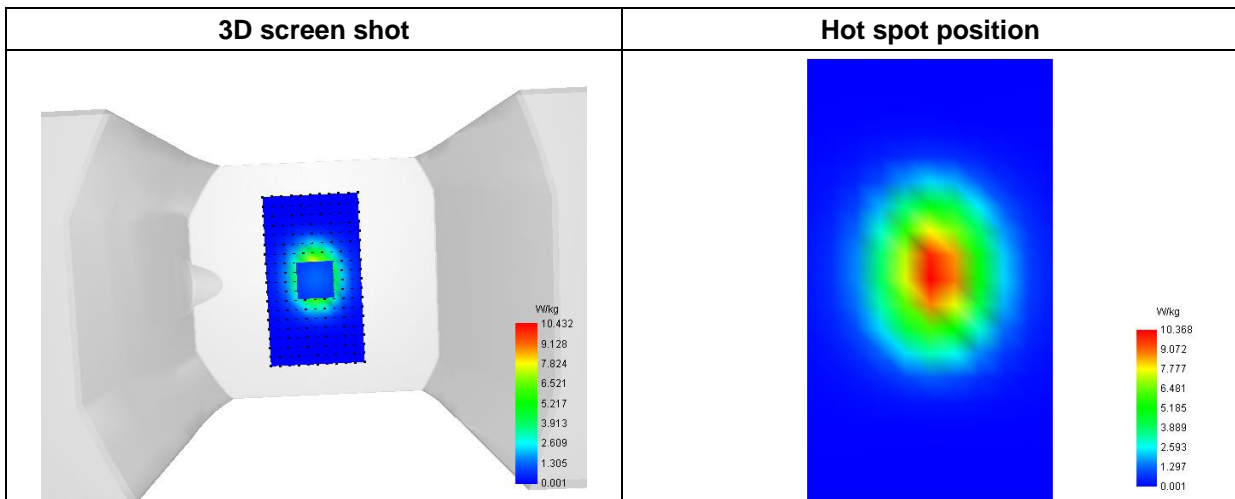
SAR 10g (W/Kg)	4.968858
SAR 1g (W/Kg)	9.623880

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	17.3936	10.4322	6.1187	3.6132	2.2066



F. 3D Image



MEASUREMENT 4

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-12

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

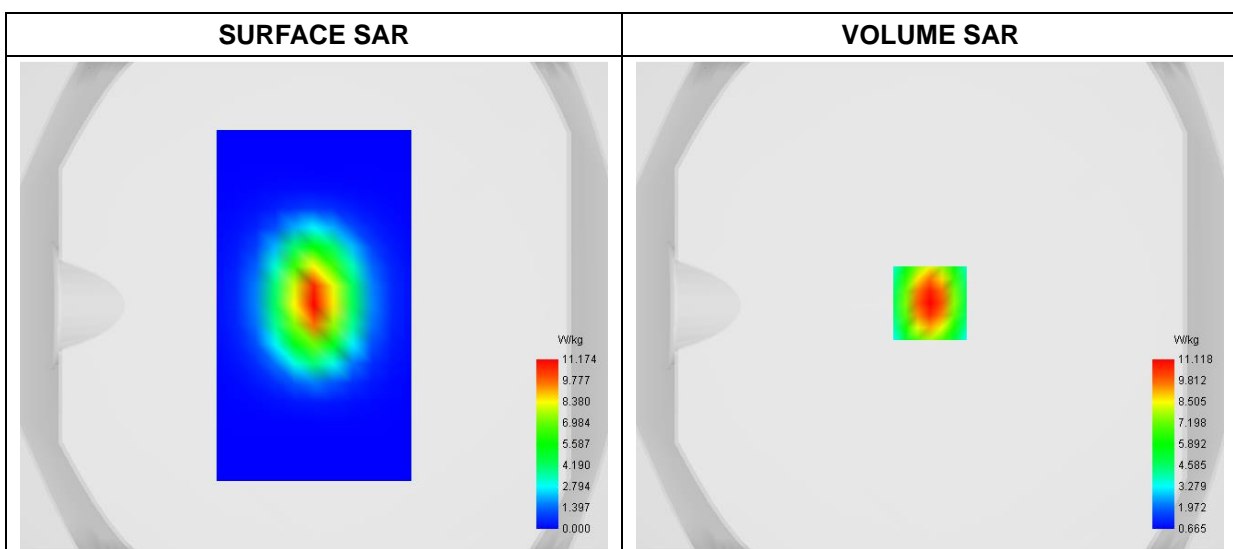
A. Experimental conditions

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)	39.522574
Conductivity (S/m)	1.373135
Power Variation (%)	-1.224700
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



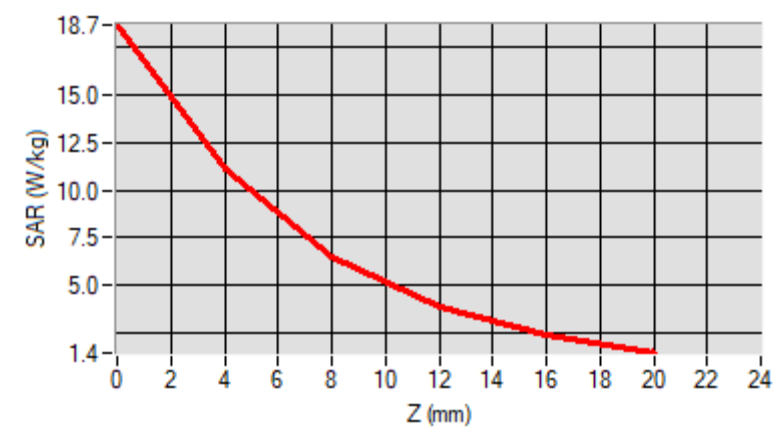
Maximum location: X=0.00, Y=1.00

D. SAR 1g & 10g

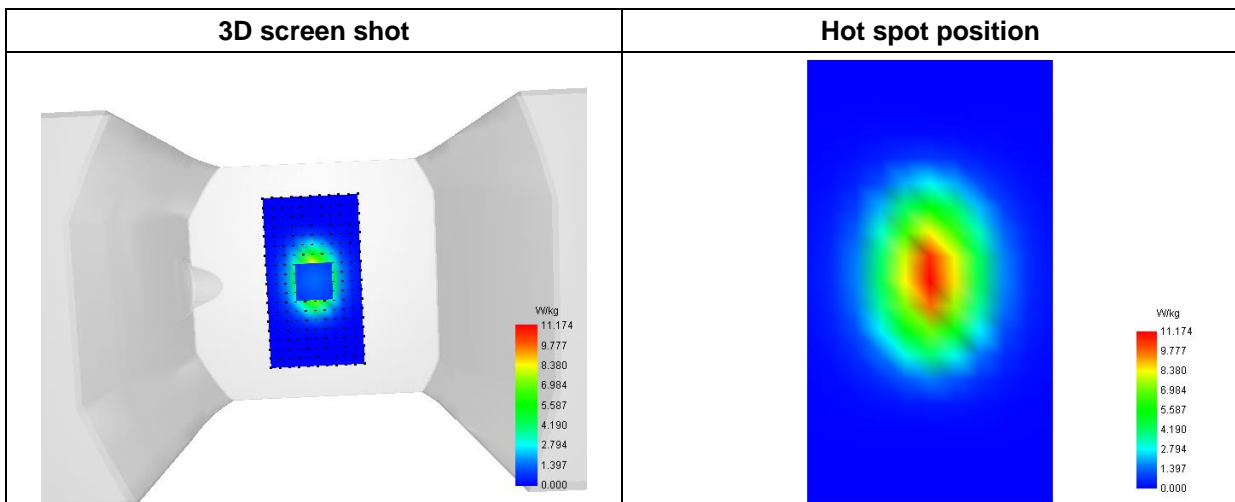
SAR 10g (W/Kg)	5.260825
SAR 1g (W/Kg)	10.222516

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	18.6940	11.1182	6.4717	3.8103	2.3414



F. 3D Image



MEASUREMENT 5

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-14

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.34; Calibrated: 2023-07-07

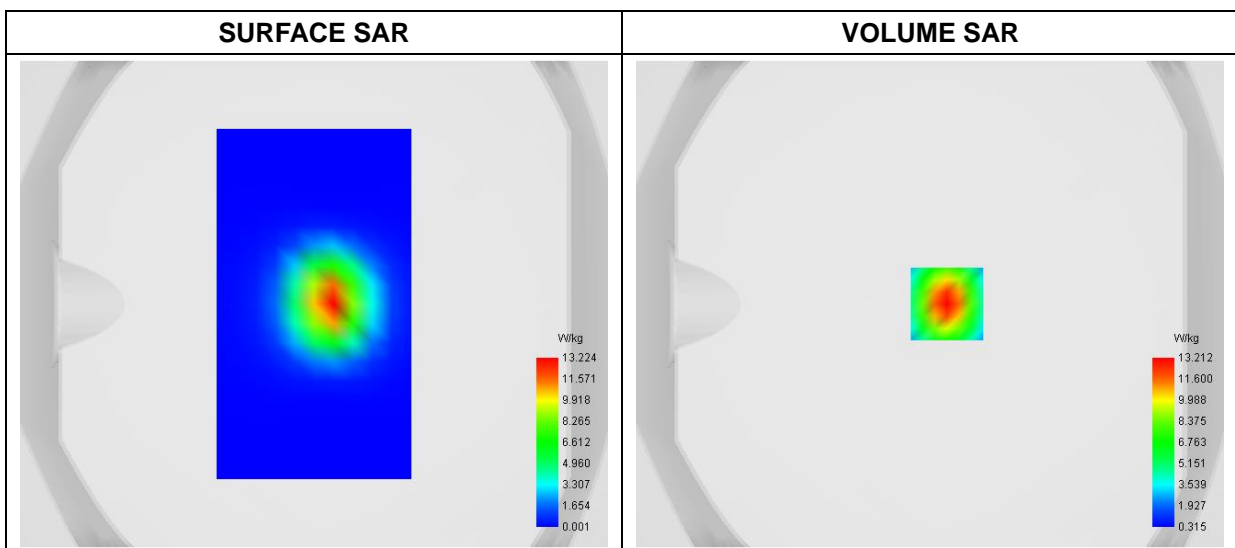
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2300
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	2300.000000
Relative Permittivity (real part)	39.123829
Conductivity (S/m)	1.652785
Power Variation (%)	-1.128500
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume



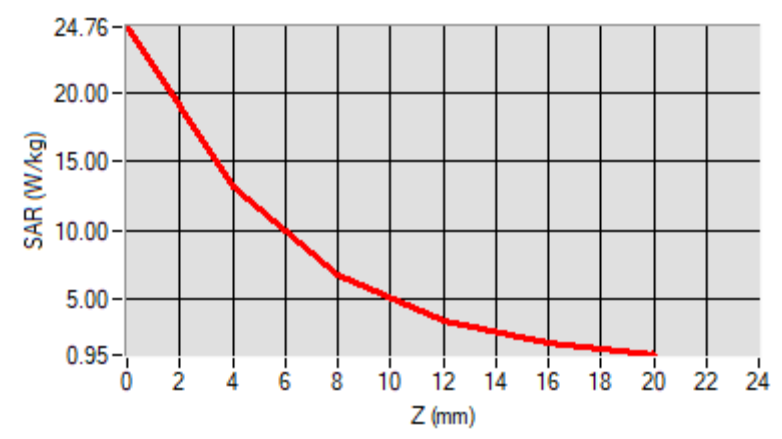
Maximum location: X=7.00, Y=0.00

D. SAR 1g & 10g

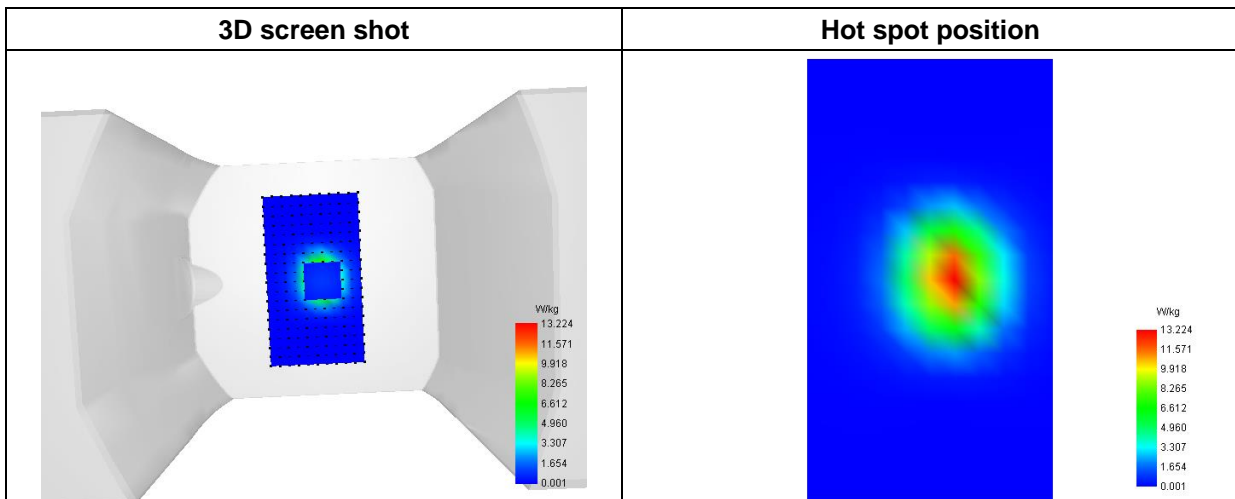
SAR 10g (W/Kg)	5.460417
SAR 1g (W/Kg)	12.023105

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	24.7611	13.2116	6.7110	3.3913	1.8106



F. 3D Image



MEASUREMENT 6

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-04-12

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2023-07-07

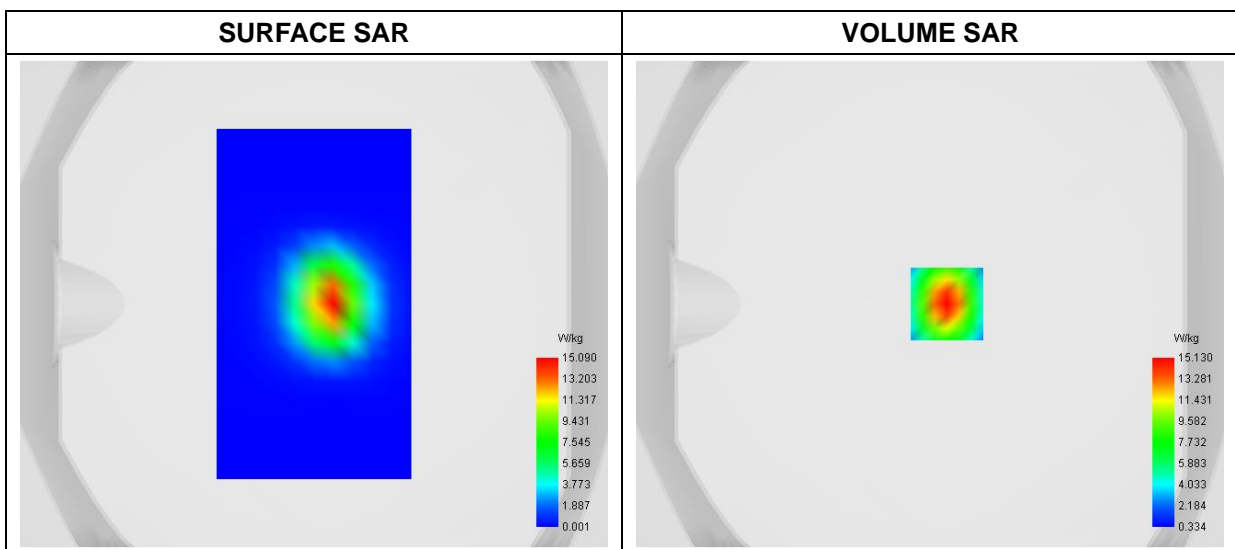
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	2450.000000
Relative Permittivity (real part)	39.122289
Conductivity (S/m)	1.761828
Power Variation (%)	1.475200
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



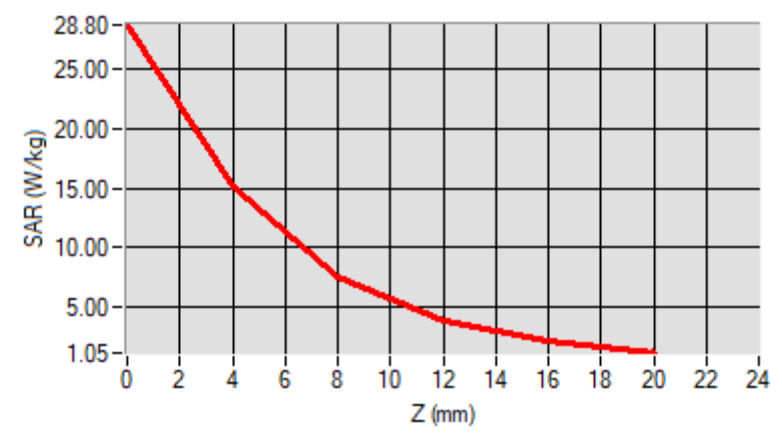
Maximum location: X=7.00, Y=0.00

D. SAR 1g & 10g

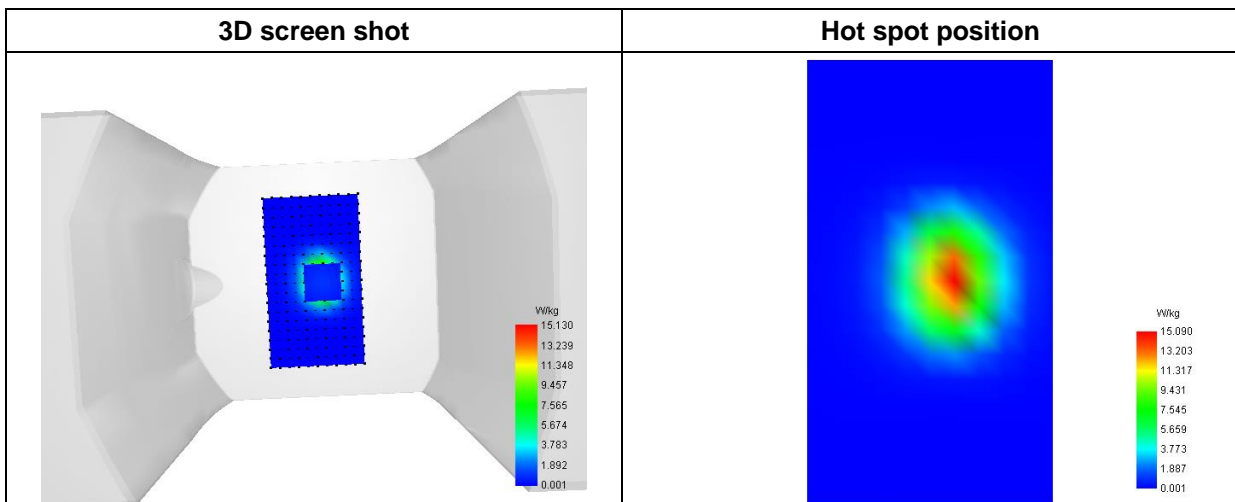
SAR 10g (W/Kg)	6.149024
SAR 1g (W/Kg)	13.746586

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	28.7959	15.1301	7.5430	3.7436	1.9810



F. 3D Image



MEASUREMENT 7

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

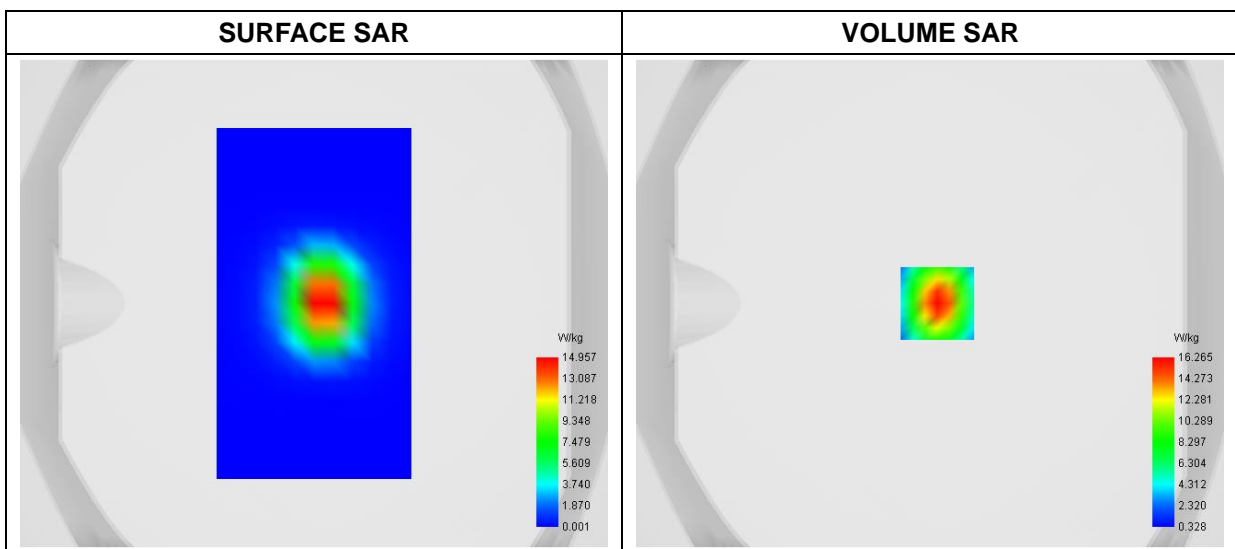
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	39.124541
Conductivity (S/m)	1.762479
Power Variation (%)	1.347100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



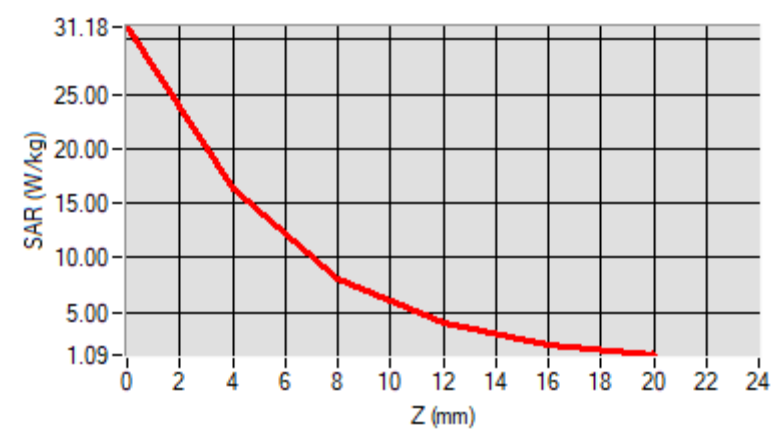
Maximum location: X=3.00, Y=0.00

D. SAR 1g & 10g

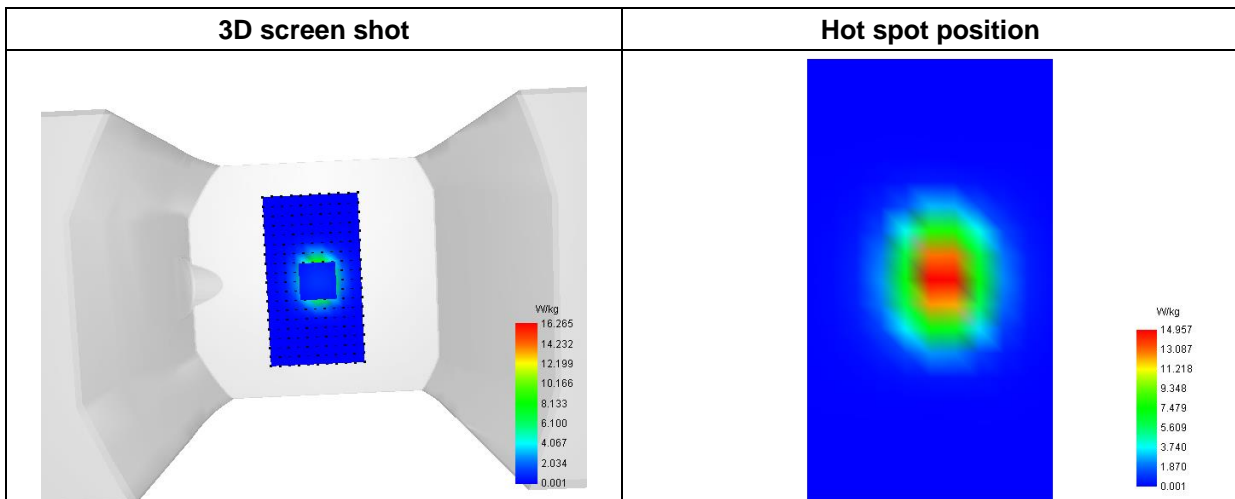
SAR 10g (W/Kg)	6.553727
SAR 1g (W/Kg)	14.814545

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	31.1802	16.2650	8.0339	3.9472	2.0732



F. 3D Image



MEASUREMENT 8

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-20

Measurement duration: 7 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2023-07-07

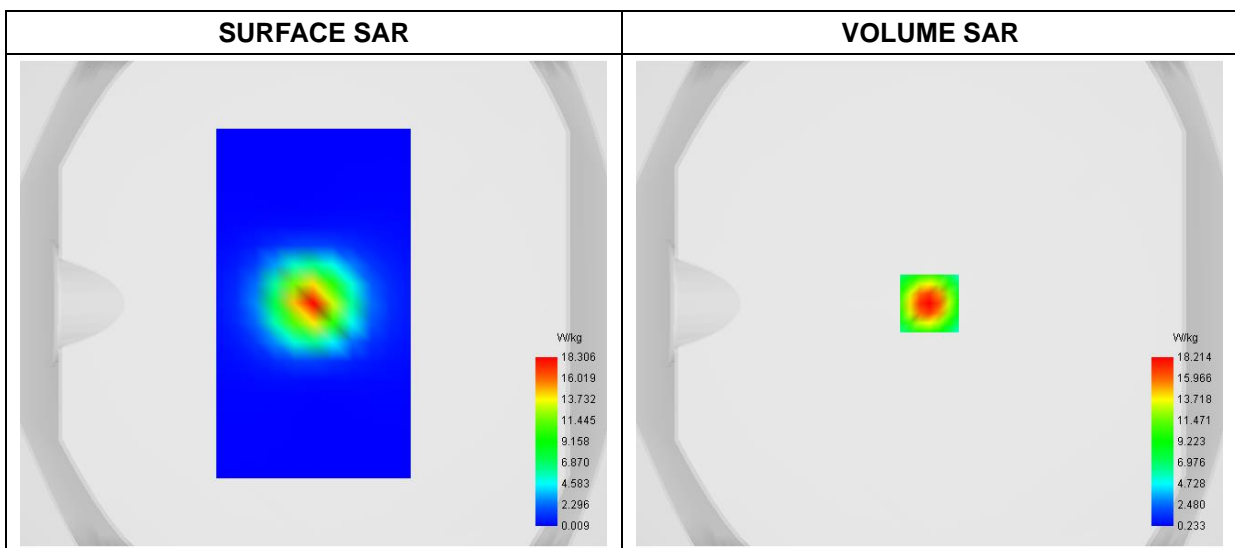
A. Experimental conditions

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)	36.423731
Conductivity (S/m)	3.041287
Power Variation (%)	0.543100
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



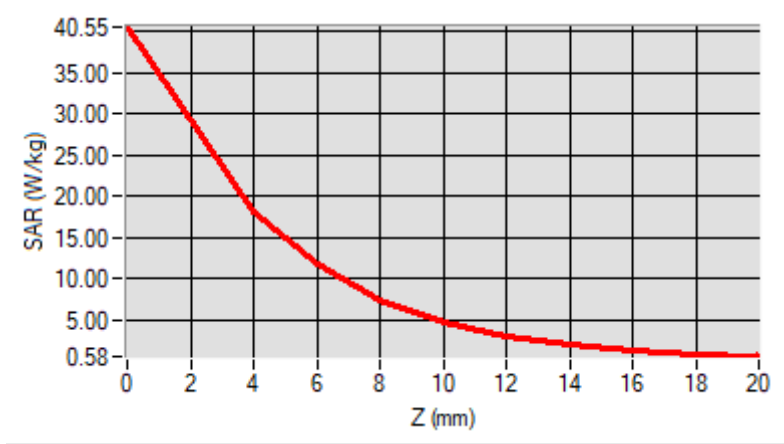
Maximum location: X=0.00, Y=0.00

D. SAR 1g & 10g

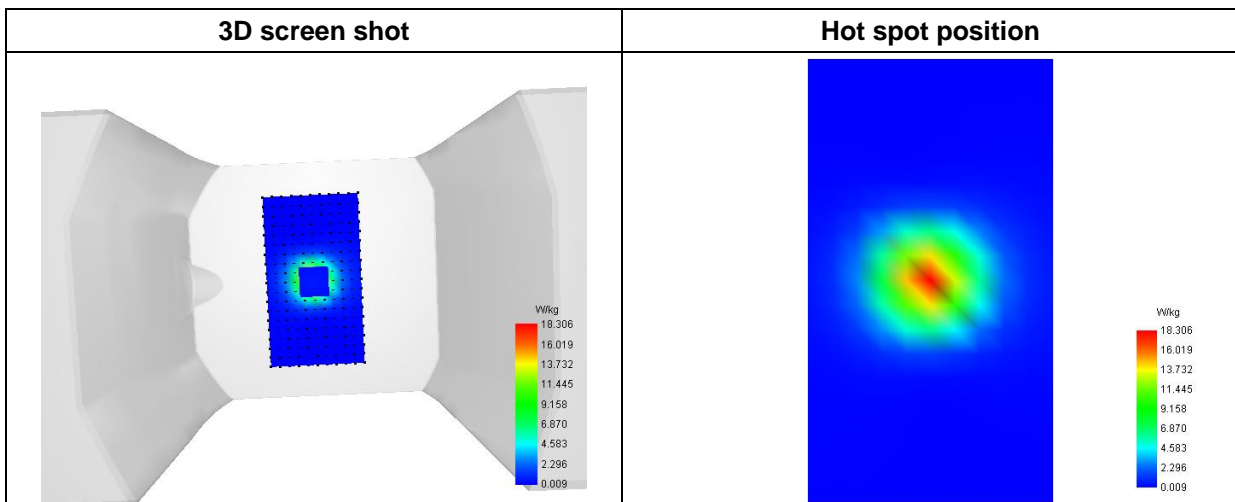
SAR 10g (W/Kg)	6.791900
SAR 1g (W/Kg)	16.854076

E. Z Axis Scan

Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00
SAR (W/Kg)	40.552	18.213	11.791	7.4928	4.7792	3.0841	2.0253	1.3521	0.9043
	1	7	4						



F. 3D Image



MEASUREMENT 9

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-21

Measurement duration: 7 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2023-07-07

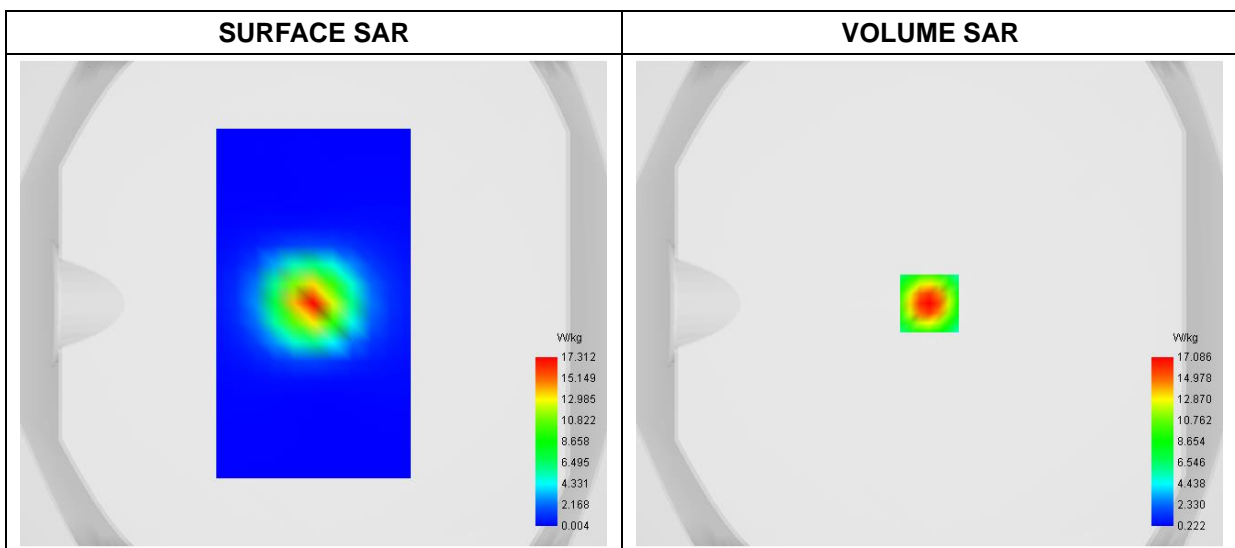
A. Experimental conditions

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)	3.333695
Power Variation (%)	1.257400
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



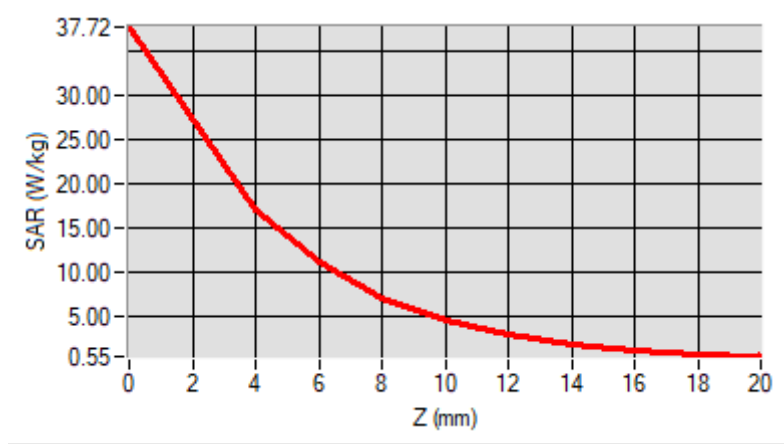
Maximum location: X=0.00, Y=0.00

D. SAR 1g & 10g

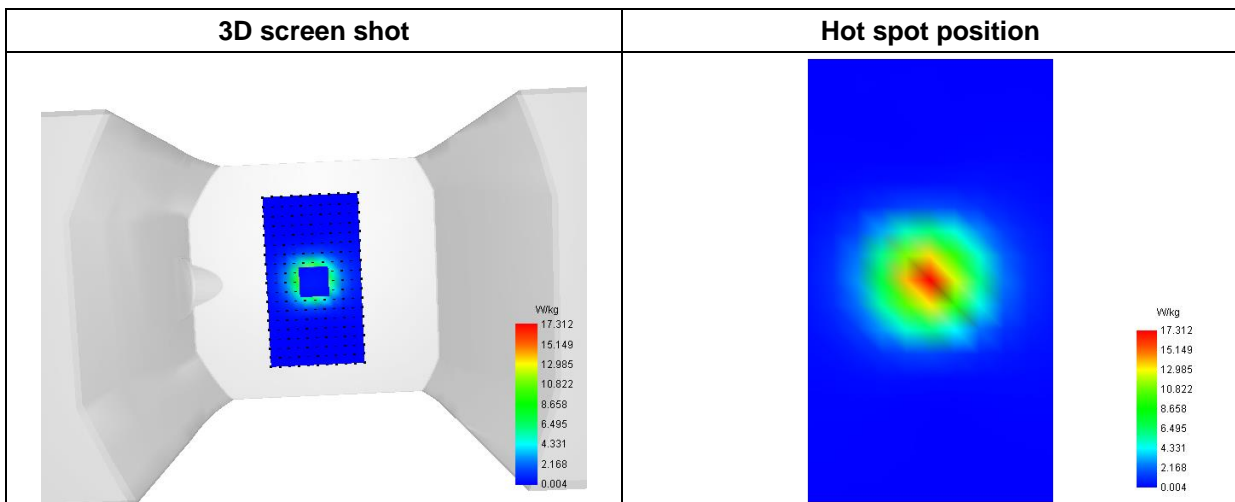
SAR 10g (W/Kg)	6.422343
SAR 1g (W/Kg)	15.826571

E. Z Axis Scan

Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00
SAR (W/Kg)	37.715	17.085	11.122	7.1110	4.5615	2.9568	1.9461	1.2980	0.8639
	2	5	8						



F. 3D Image



MEASUREMENT 10

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-03-22

Measurement duration: 7 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.37; Calibrated: 2023-07-07

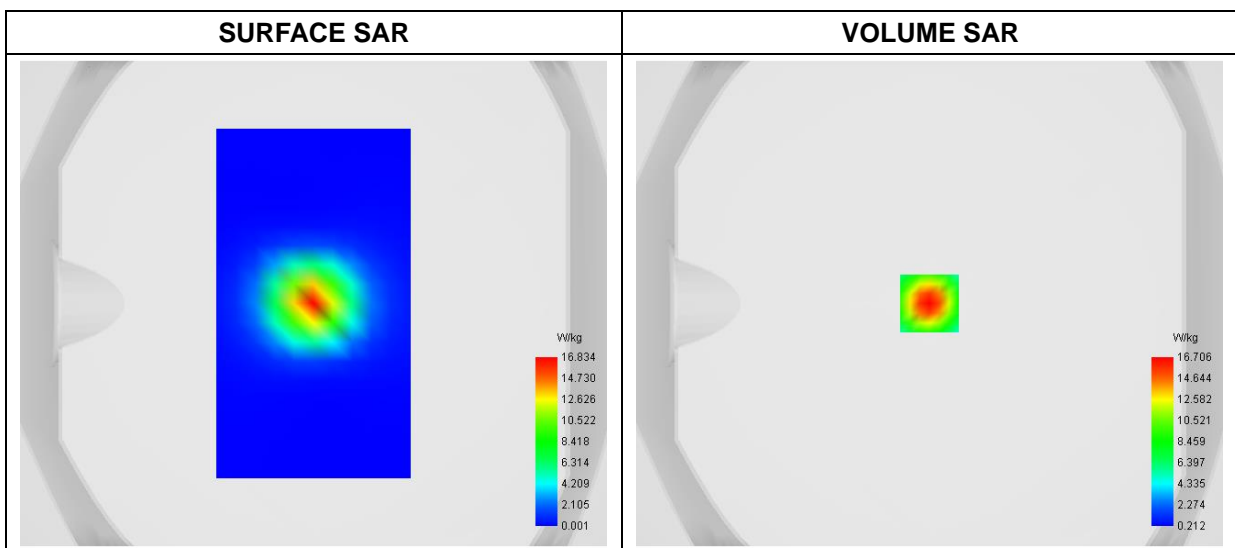
A. Experimental conditions

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)	34.274893
Conductivity (S/m)	3.651251
Power Variation (%)	1.423200
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



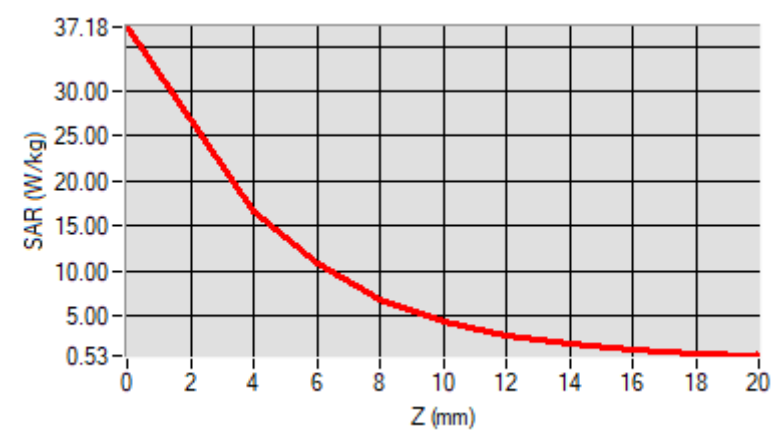
Maximum location: X=0.00, Y=0.00

D. SAR 1g & 10g

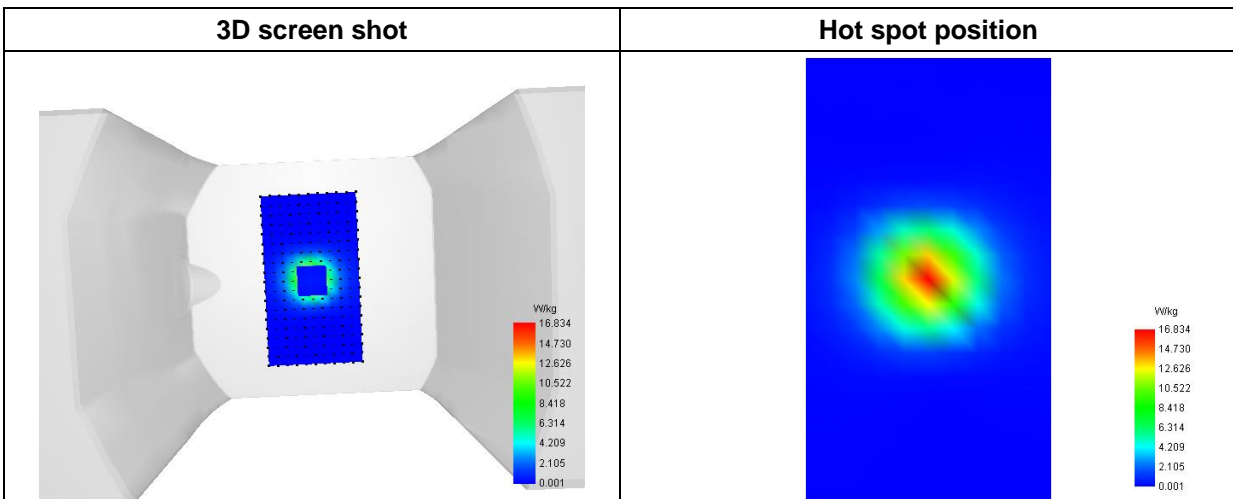
SAR 10g (W/Kg)	6.246666
SAR 1g (W/Kg)	15.498792

E. Z Axis Scan

Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00
SAR (W/Kg)	37.1790	16.7059	10.8174	6.8745	4.3841	2.8276	1.8548	1.2360	0.8244



F. 3D Image



MEASUREMENT 11

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-04-16

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

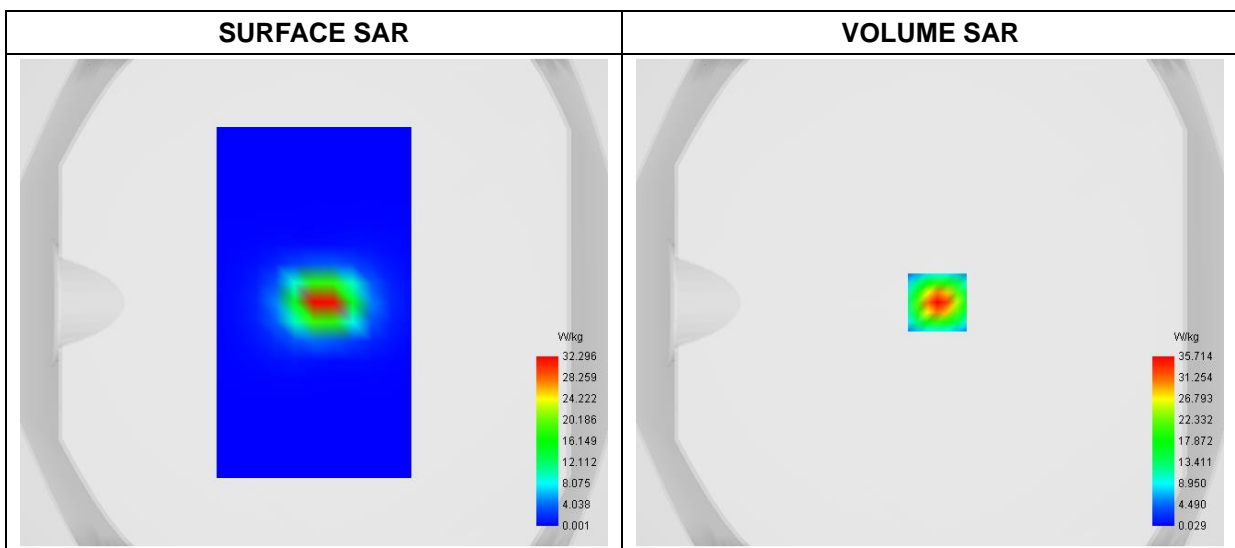
A. Experimental conditions

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)	36.753472
Conductivity (S/m)	4.692561
Power Variation (%)	2.348100
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume



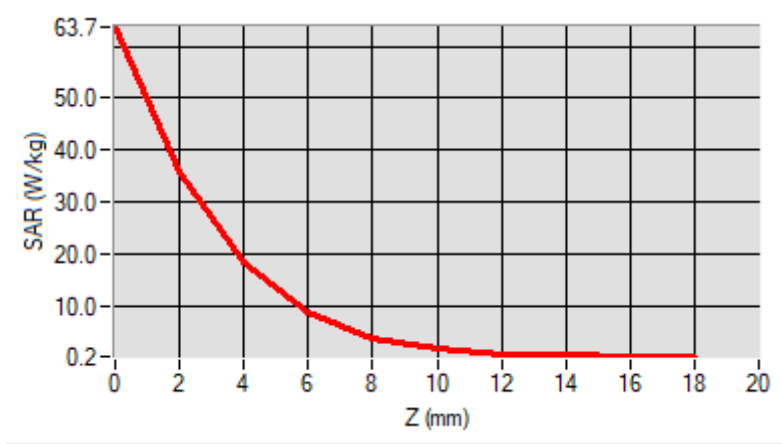
Maximum location: X=3.00, Y=0.00

D. SAR 1g & 10g

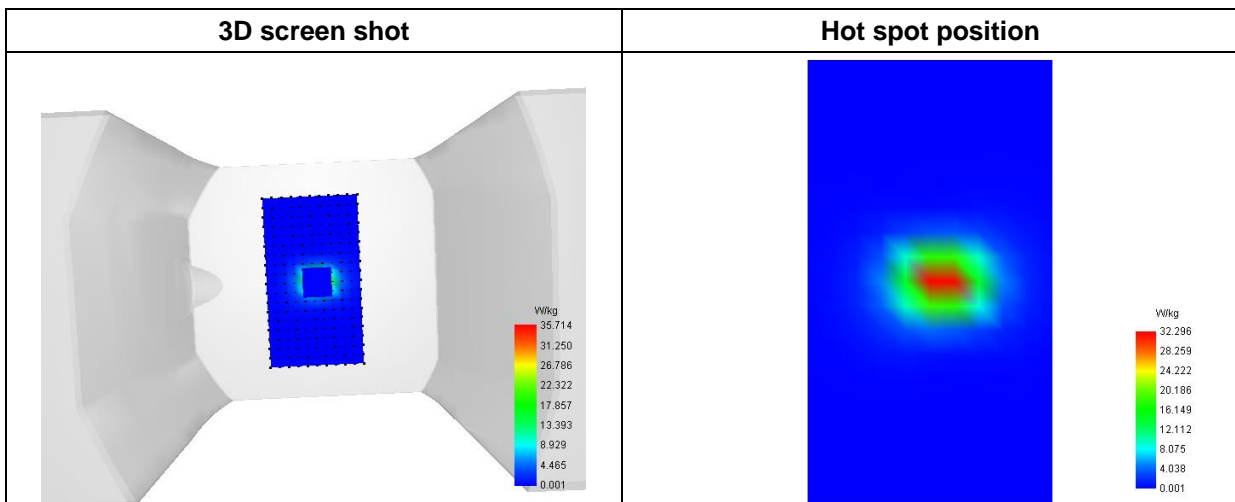
SAR 10g (W/Kg)	5.214336
SAR 1g (W/Kg)	18.566732

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)	63.694	35.714	18.361	8.6368	3.8326	1.6405	0.7180	0.3557	0.2183
	0	3	9						



F. 3D Image



MEASUREMENT 12

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-04-16

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.12; Calibrated: 2023-07-07

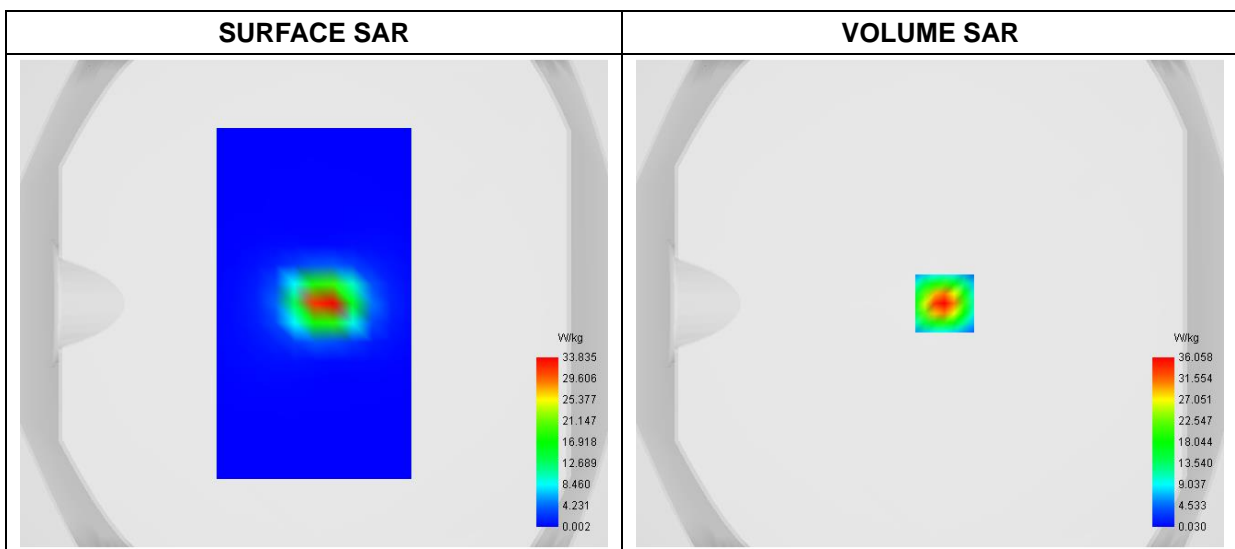
A. Experimental conditions

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)	36.633524
Conductivity (S/m)	4.832712
Power Variation (%)	1.374510
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume



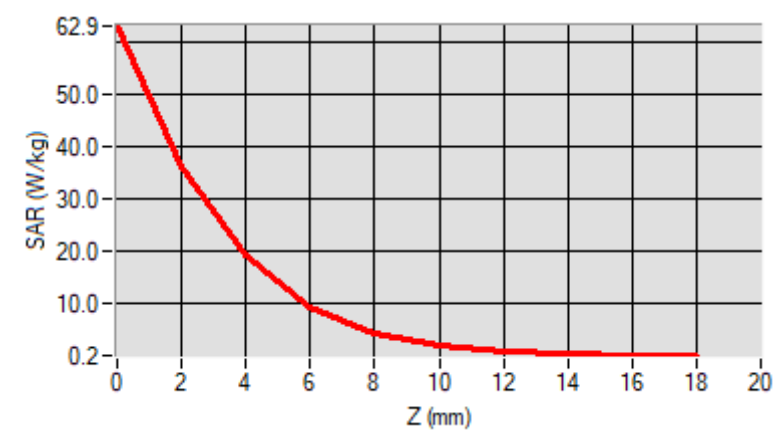
Maximum location: X=6.00, Y=0.00

D. SAR 1g & 10g

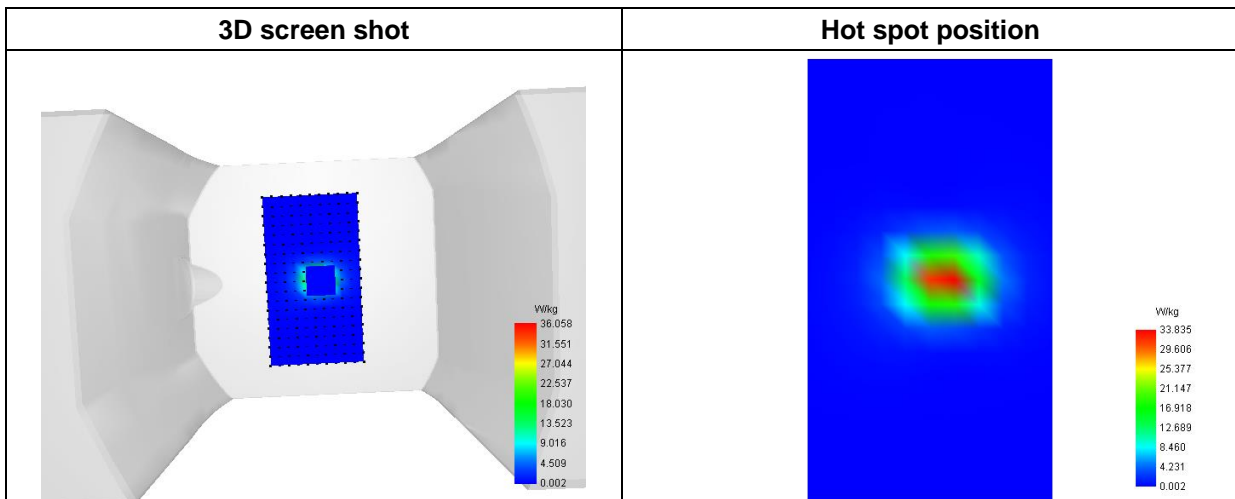
SAR 10g (W/Kg)	5.463589
SAR 1g (W/Kg)	18.979345

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)	62.945	36.057	19.161	9.4529	4.4747	2.0809	0.9976	0.5283	0.3243
	6	9	7						



F. 3D Image



MEASUREMENT 13

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-04-17

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.25; Calibrated: 2023-07-07

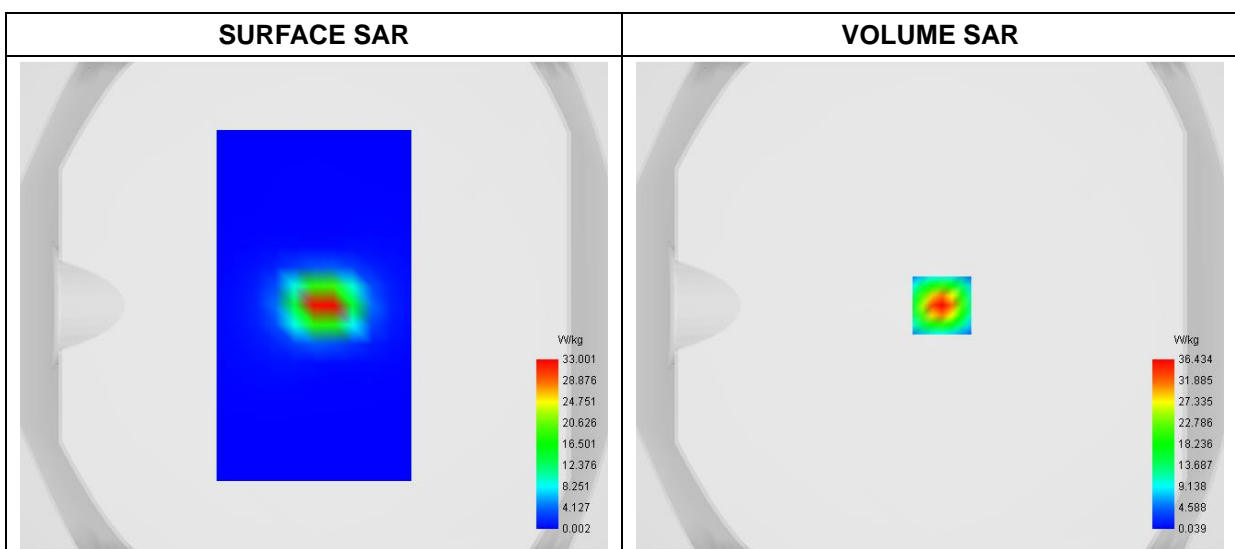
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative Permittivity (real part)	36.724214
Conductivity (S/m)	5.112812
Power Variation (%)	1.452100
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume



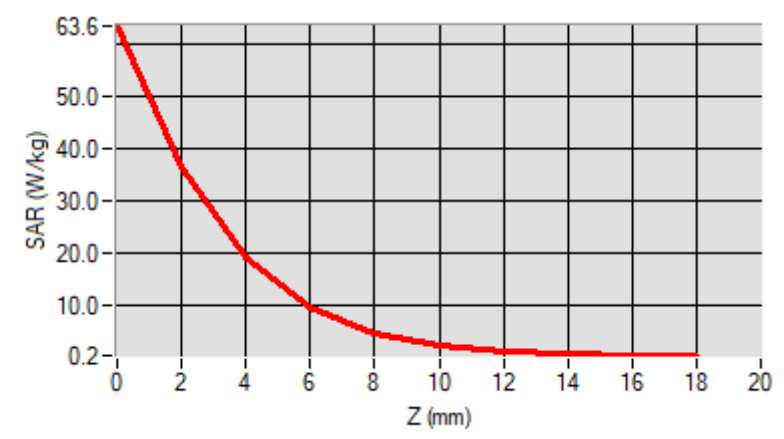
Maximum location: X=5.00, Y=0.00

D. SAR 1g & 10g

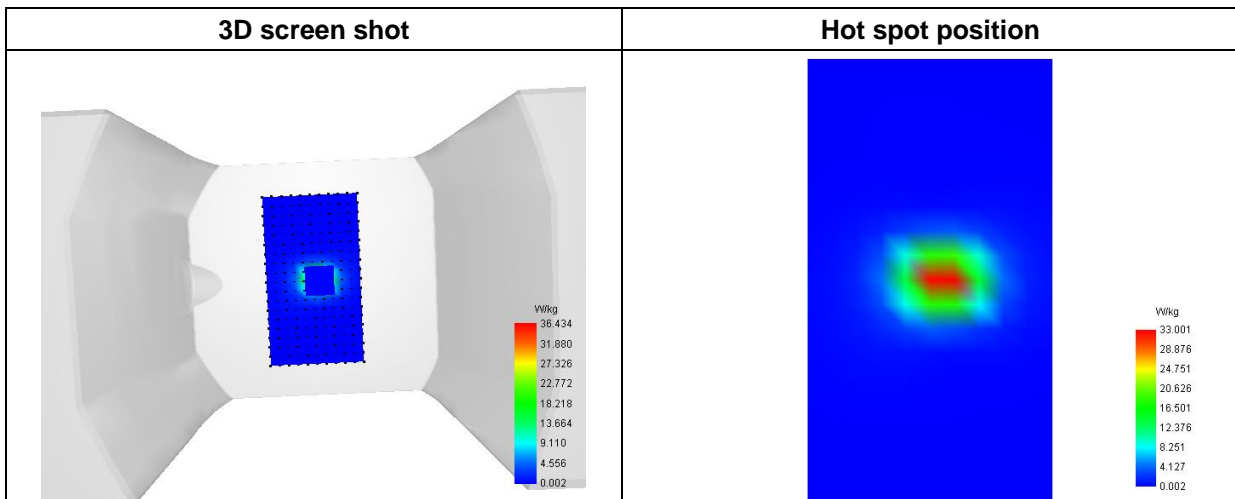
SAR 10g (W/Kg)	5.462480
SAR 1g (W/Kg)	19.007904

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)	63.633	36.433	19.347	9.5356	4.5091	2.0948	1.0039	0.5323	0.3279
	5	9	5						



F. 3D Image



MEASUREMENT 14

Type: Validation measurement (Fast, 75.00 %)

Date of measurement: 2024-04-17

Measurement duration: 12 minutes 21 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2023-07-07

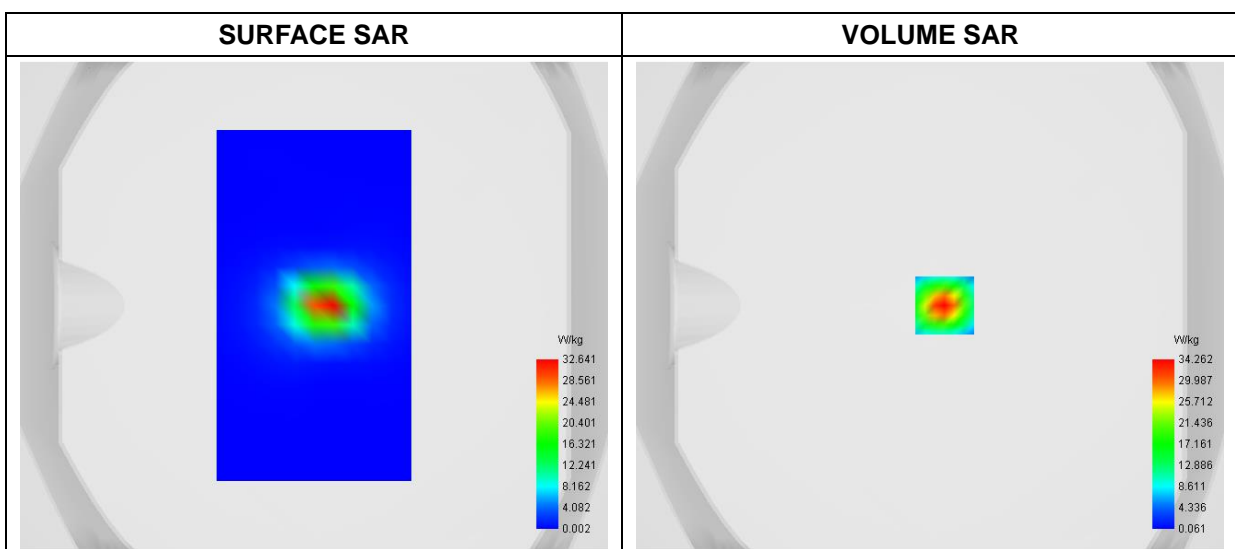
A. Experimental conditions

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)	36.344114
Conductivity (S/m)	5.191295
Power Variation (%)	-1.437500
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume



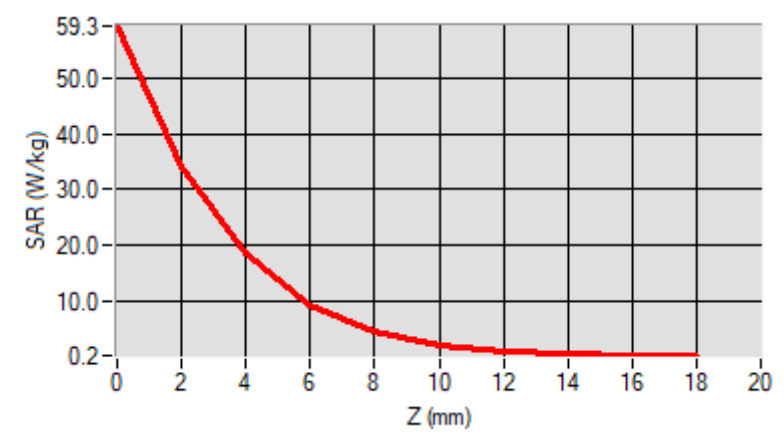
Maximum location: X=6.00, Y=0.00

D. SAR 1g & 10g

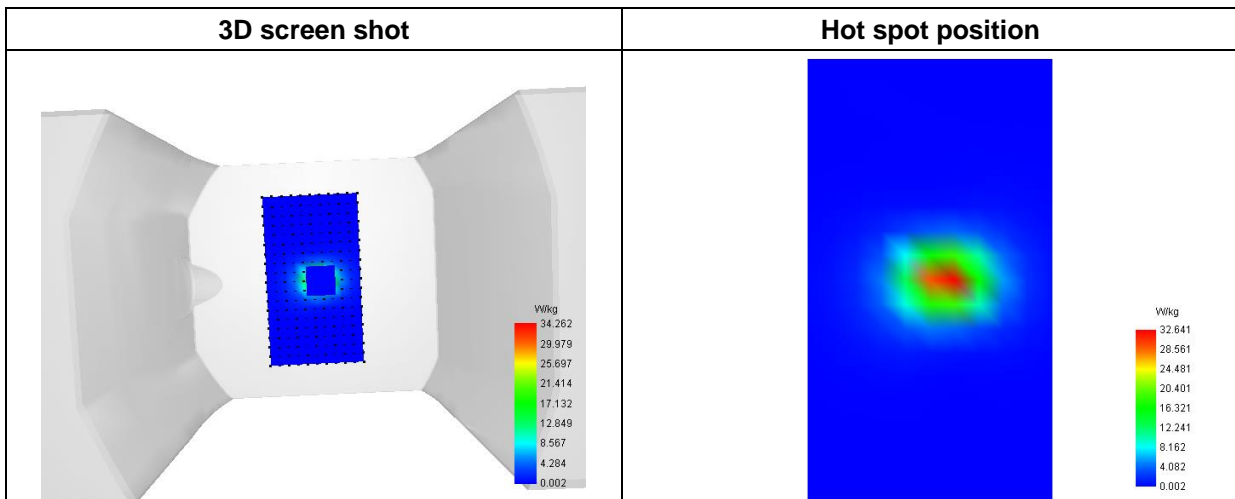
SAR 10g (W/Kg)	5.385932
SAR 1g (W/Kg)	18.087402

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)	59.320	34.261	18.434	9.2545	4.4822	2.1439	1.0586	0.5728	0.3524
	3	7	7						



F. 3D Image



Annex B. Plots of SAR Measurement

MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

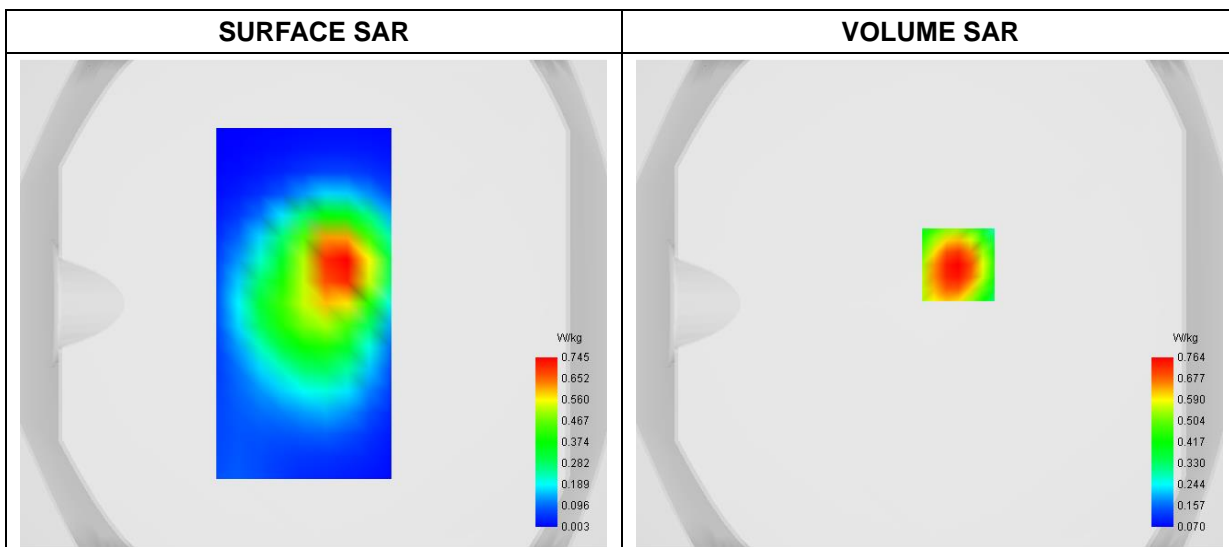
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 2/25
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1882.500000
Relative Permittivity (real part)	39.544216
Conductivity (S/m)	1.371368
Power Variation (%)	-1.541700
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



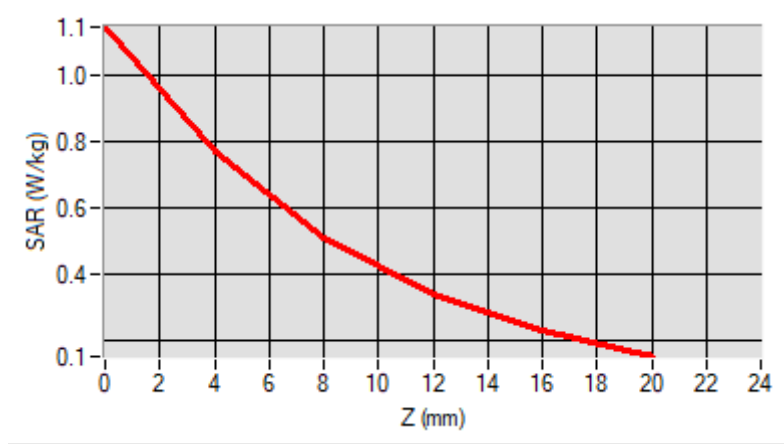
Maximum location: X=12.00, Y=16.00

D. SAR 1g & 10g

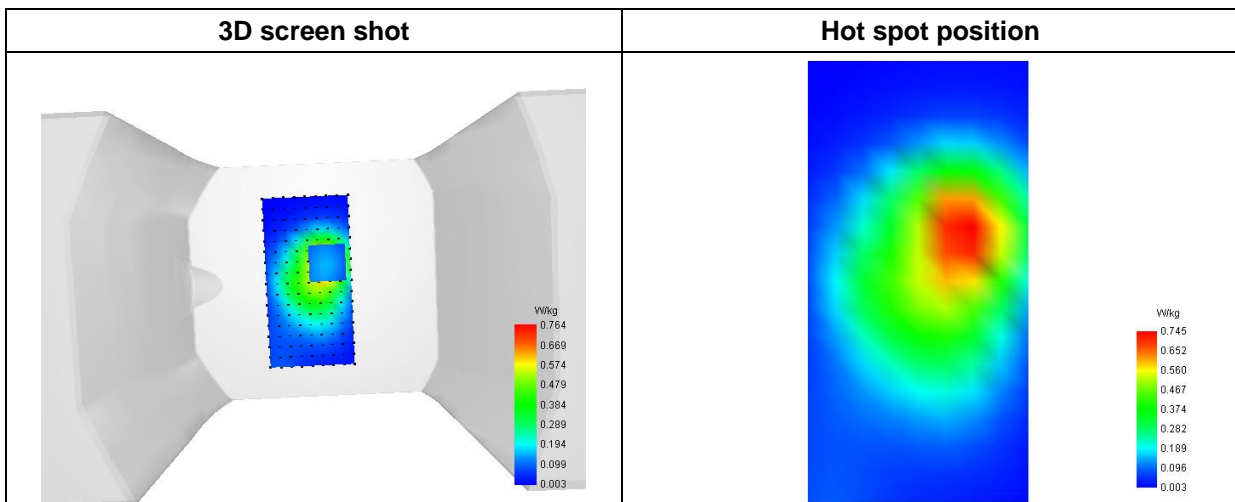
SAR 10g (W/Kg)	0.415460
SAR 1g (W/Kg)	0.714235

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1424	0.7639	0.5056	0.3363	0.2267



F. 3D Image



MEASUREMENT 2

Type: Phone measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

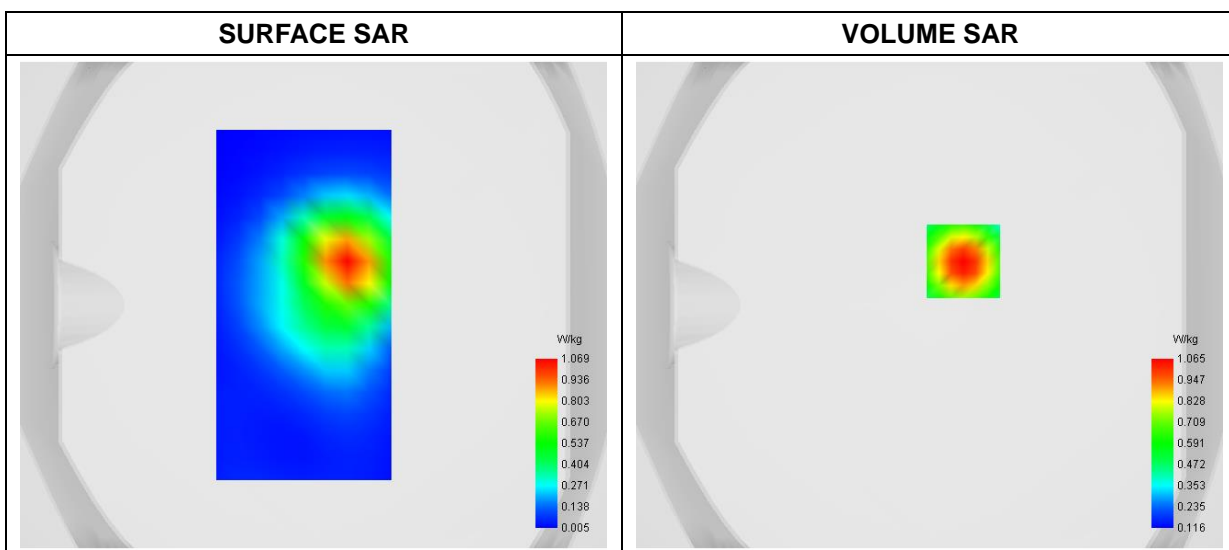
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 4/66
Channels	QPSK, 5MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1777.500000
Relative Permittivity (real part)	39.541489
Conductivity (S/m)	1.372508
Power Variation (%)	1.374700
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



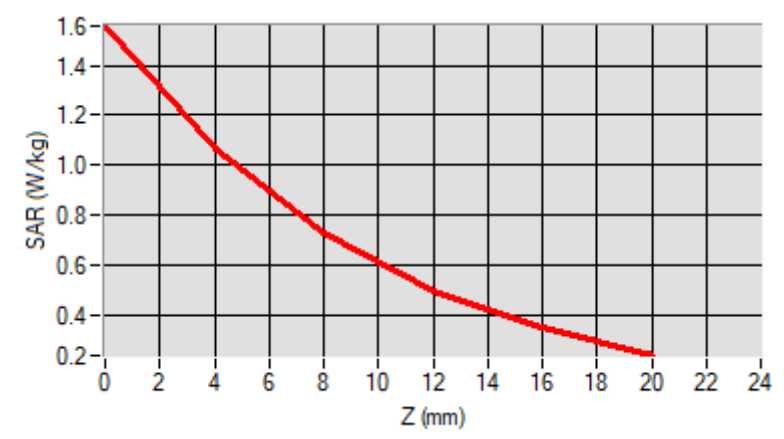
Maximum location: X=14.00, Y=18.00

D. SAR 1g & 10g

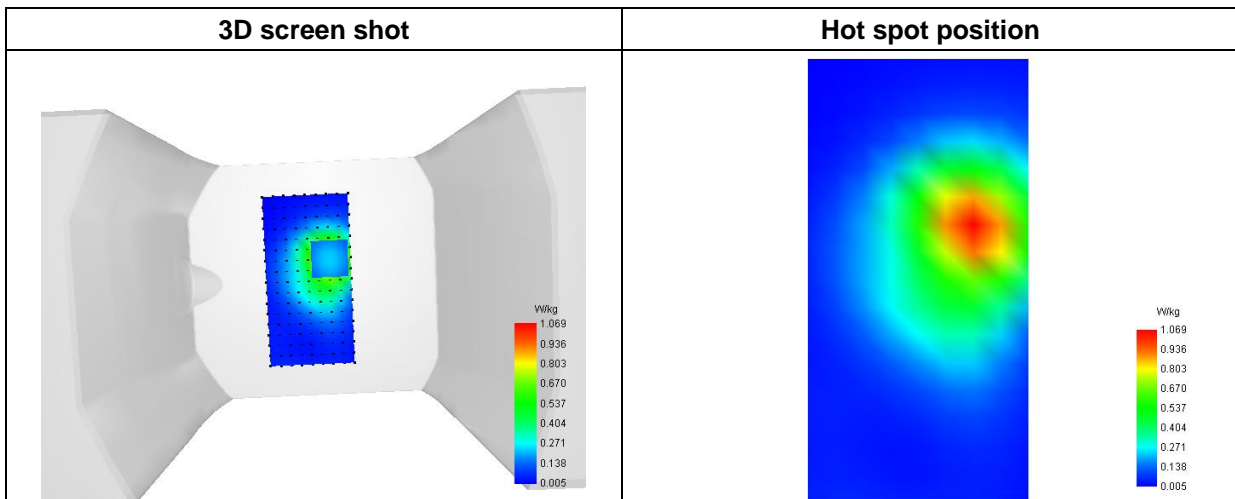
SAR 10g (W/Kg)	0.579630
SAR 1g (W/Kg)	0.988340

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.5574	1.0653	0.7240	0.4962	0.3455



F. 3D Image



MEASUREMENT 3

Type: Phone measurement (Complete)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

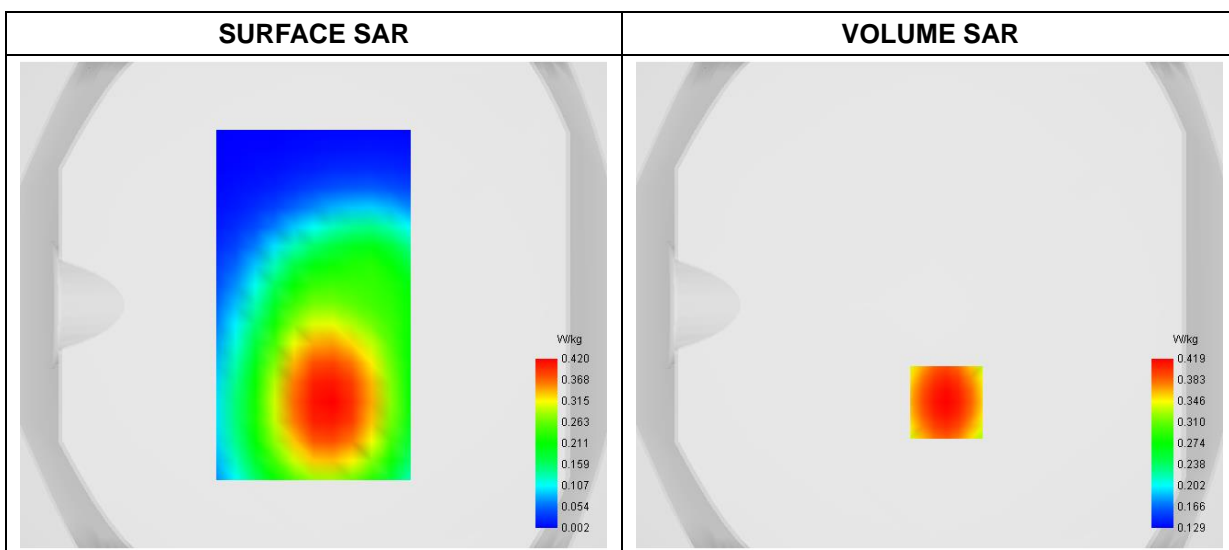
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 5/26(824-849MHz)
Channels	QPSK, 5MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	846.5000000
Relative Permittivity (real part)	42.261692
Conductivity (S/m)	0.871828
Power Variation (%)	-0.425700
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



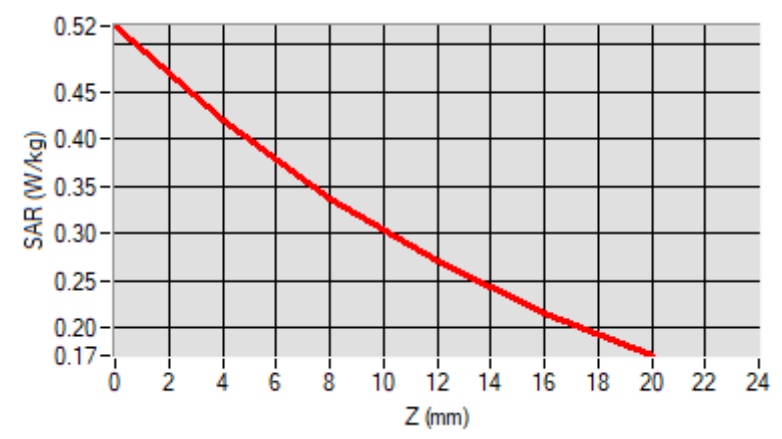
Maximum location: X=7.00, Y=-40.00

D. SAR 1g & 10g

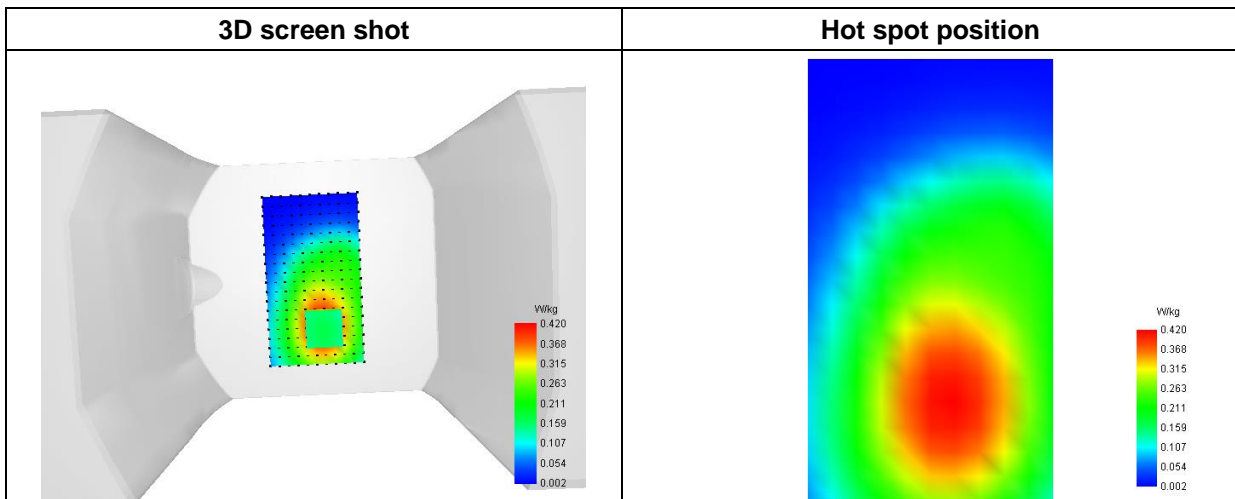
SAR 10g (W/Kg)	0.293045
SAR 1g (W/Kg)	0.401740

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5192	0.4187	0.3365	0.2702	0.2164



F. 3D Image



MEASUREMENT 4

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

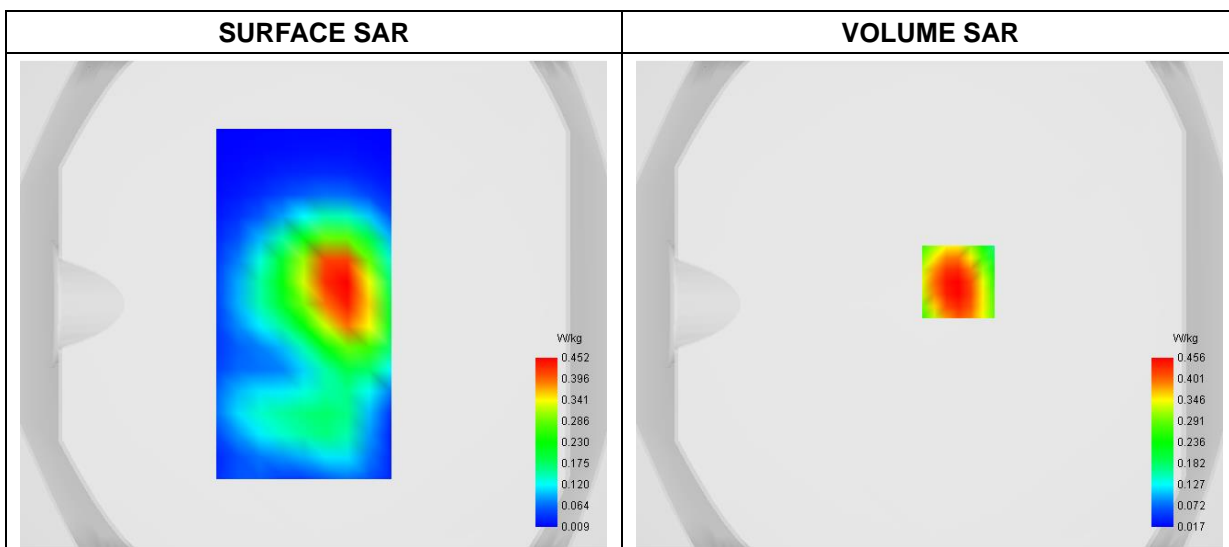
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 7
Channels	QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2560.000000
Relative Permittivity (real part)	38.871692
Conductivity (S/m)	1.934695
Power Variation (%)	0.265800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

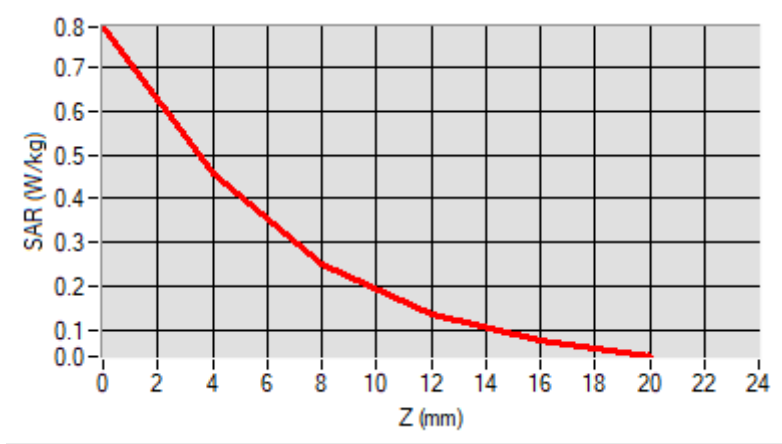


Maximum location: X=12.00, Y=9.00
D. SAR 1g & 10g

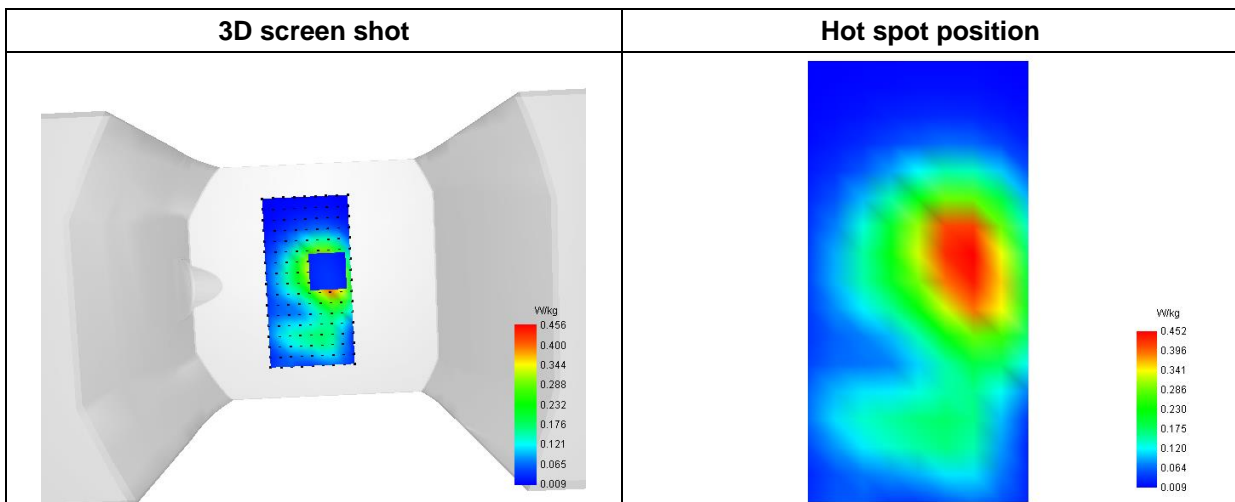
SAR 10g (W/Kg)	0.225303
SAR 1g (W/Kg)	0.431464

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7933	0.4555	0.2516	0.1369	0.0751



F. 3D Image



MEASUREMENT 5

Type: Phone measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

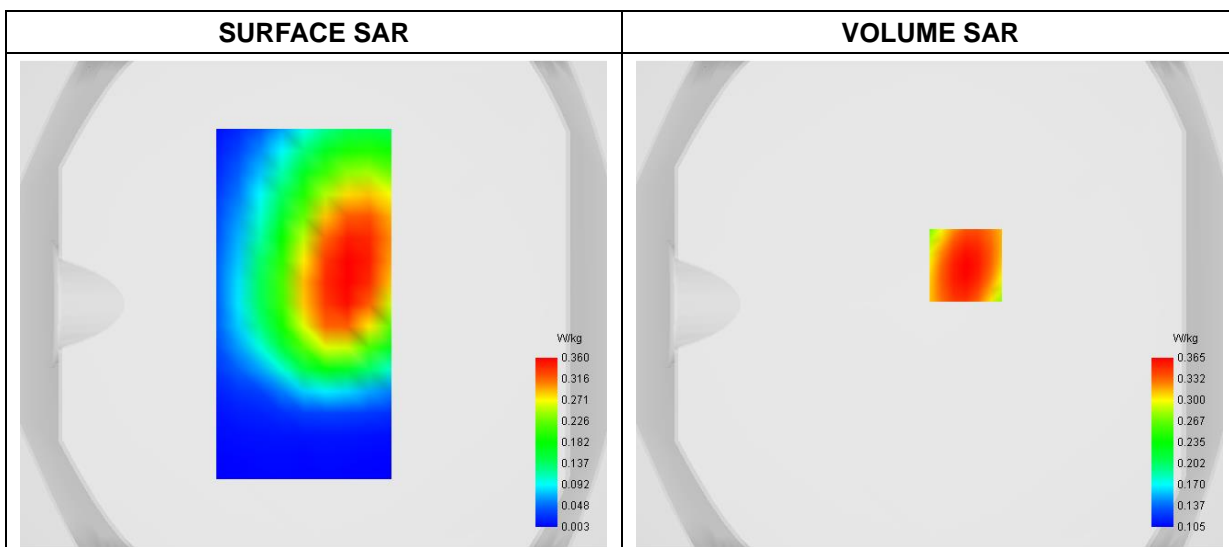
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
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

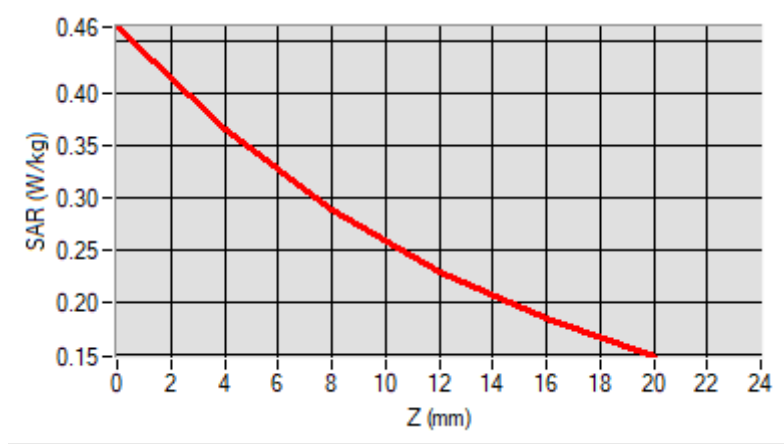


Maximum location: X=15.00, Y=16.00
 D. SAR 1g & 10g

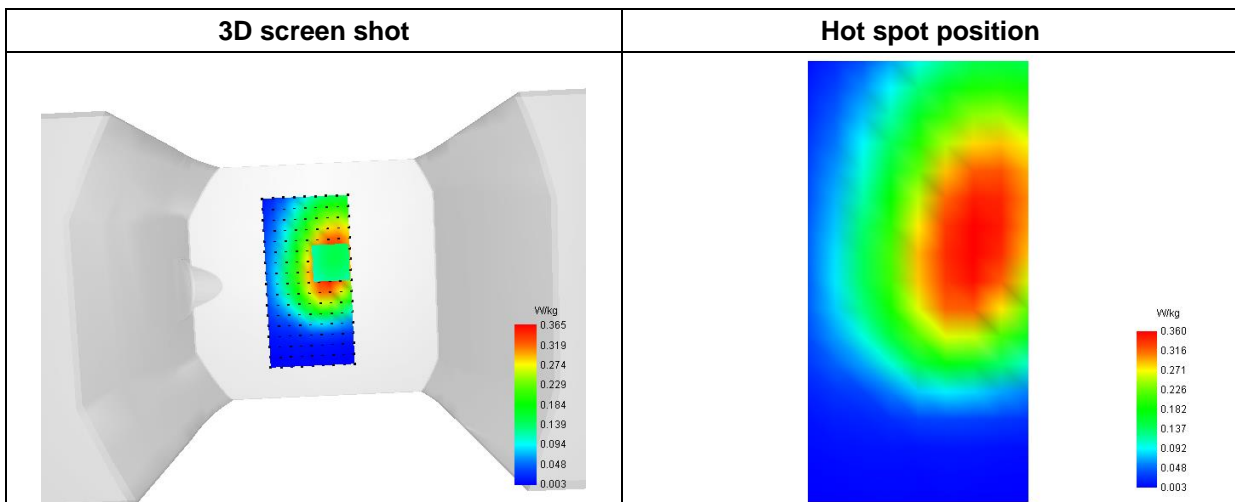
SAR 10g (W/Kg)	0.254875
SAR 1g (W/Kg)	0.350337

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4634	0.3645	0.2875	0.2289	0.1840



F. 3D Image



MEASUREMENT 6

Type: Phone measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

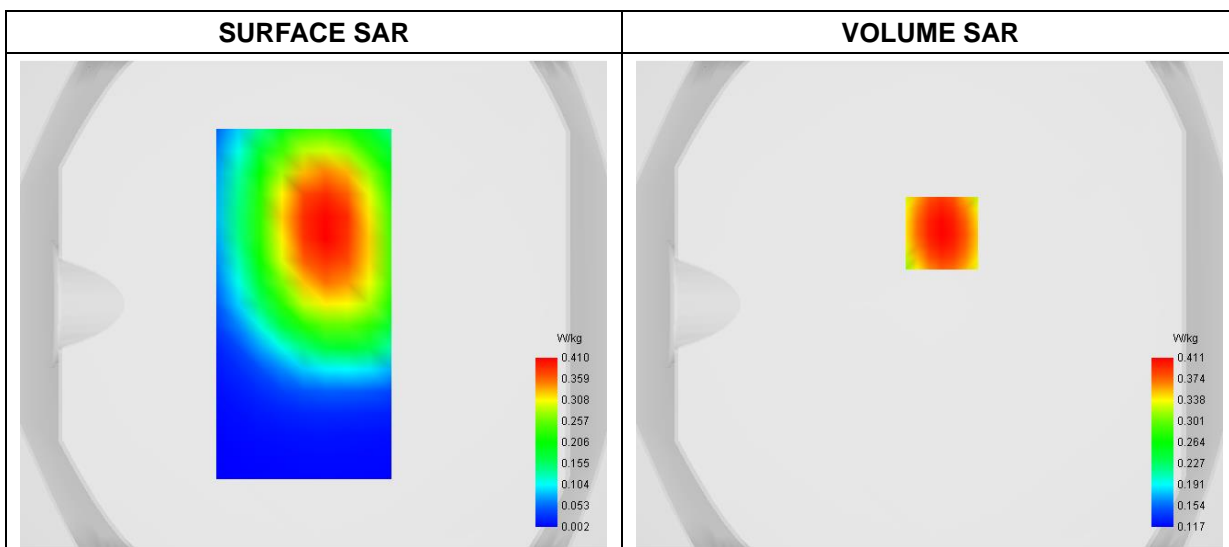
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 13
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	779.500000
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



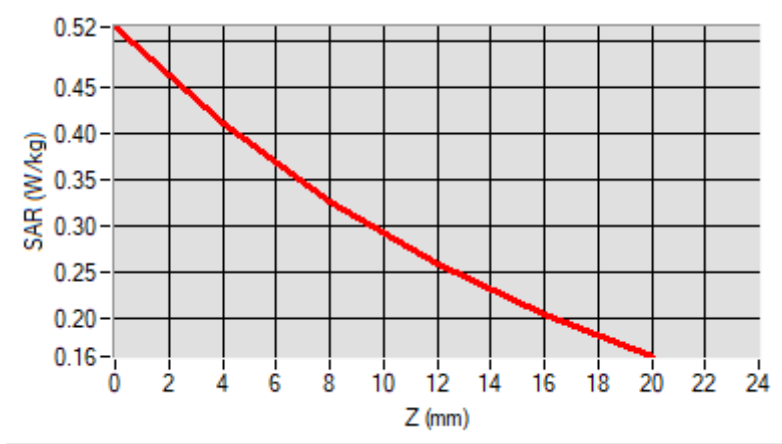
Maximum location: X=5.00, Y=29.00

D. SAR 1g & 10g

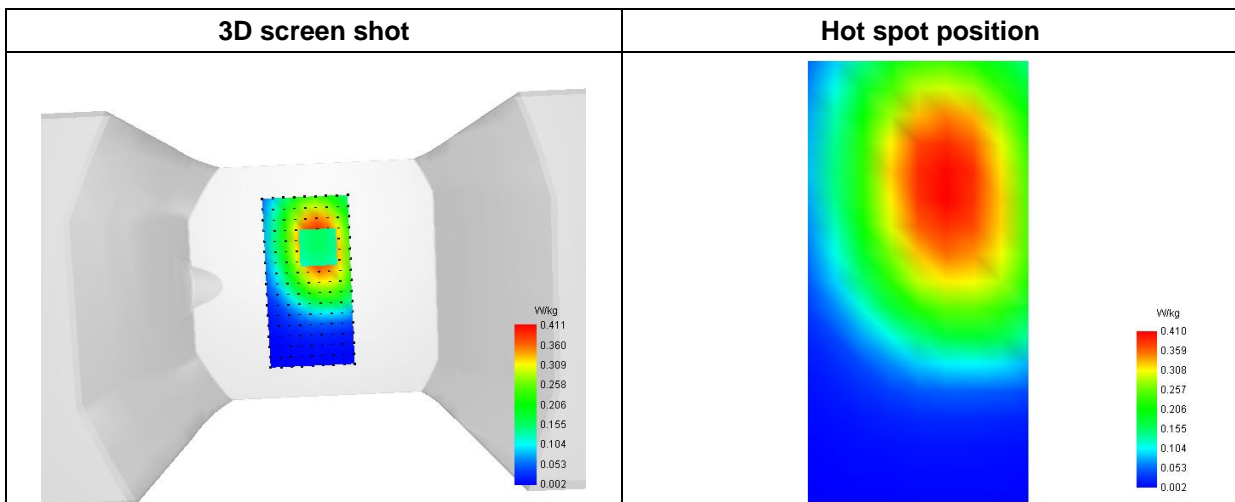
SAR 10g (W/Kg)	0.283289
SAR 1g (W/Kg)	0.394118

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5164	0.4110	0.3257	0.2578	0.2033



F. 3D Image



MEASUREMENT 7

Type: Phone measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

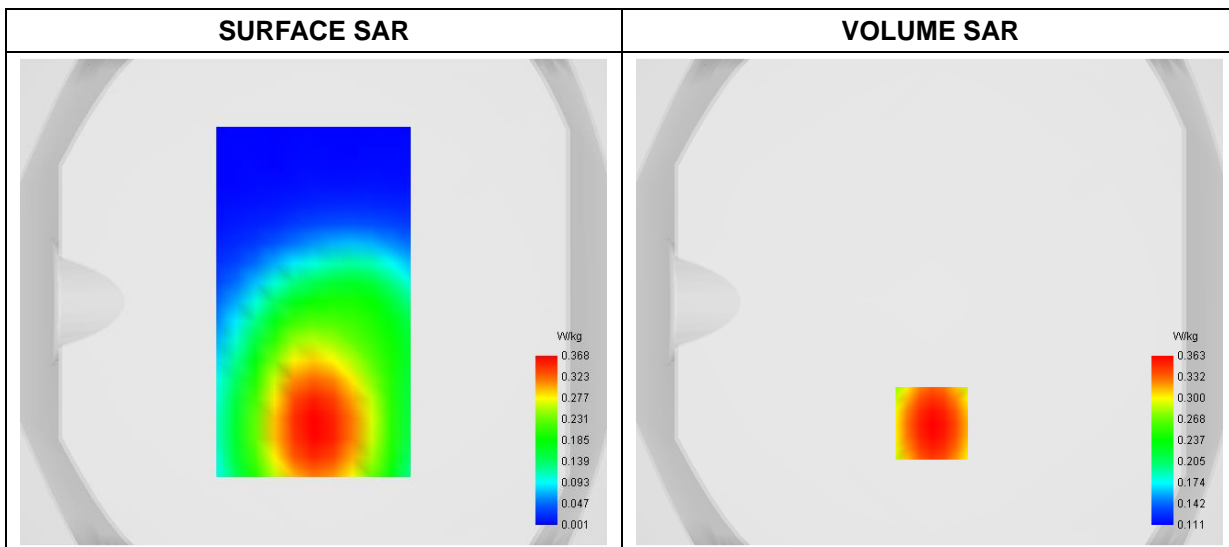
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 14
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	793.000000
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



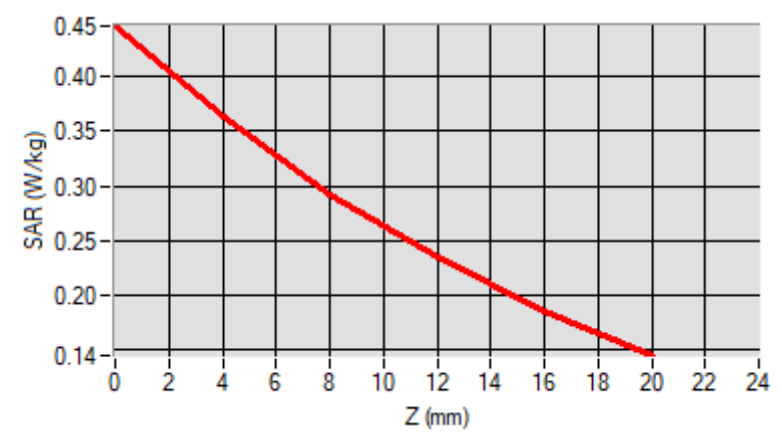
Maximum location: X=1.00, Y=-50.00

D. SAR 1g & 10g

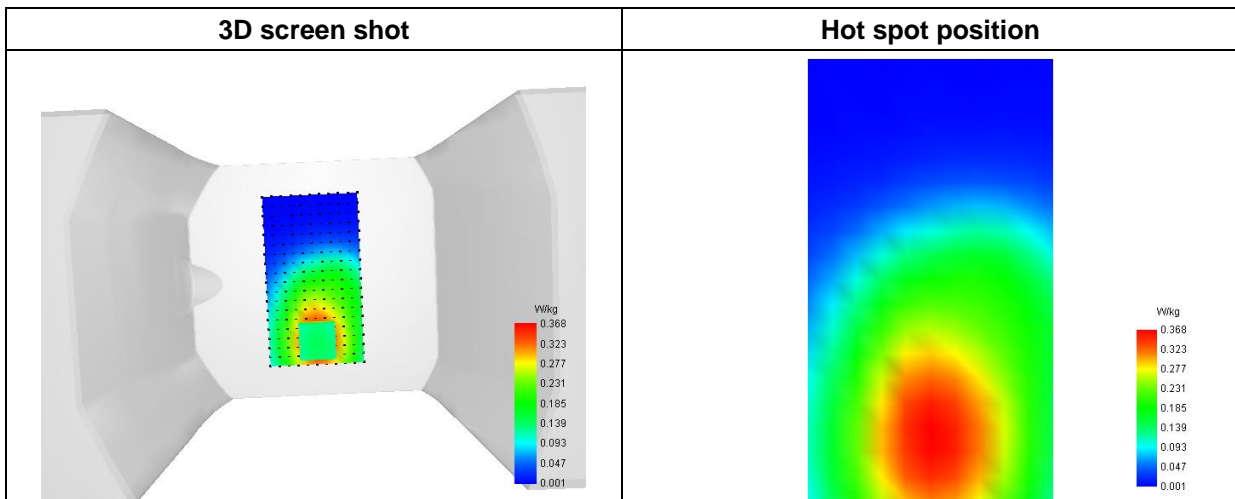
SAR 10g (W/Kg)	0.253118
SAR 1g (W/Kg)	0.348906

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4470	0.3631	0.2926	0.2341	0.1854



F. 3D Image



MEASUREMENT 8

Type: Phone measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

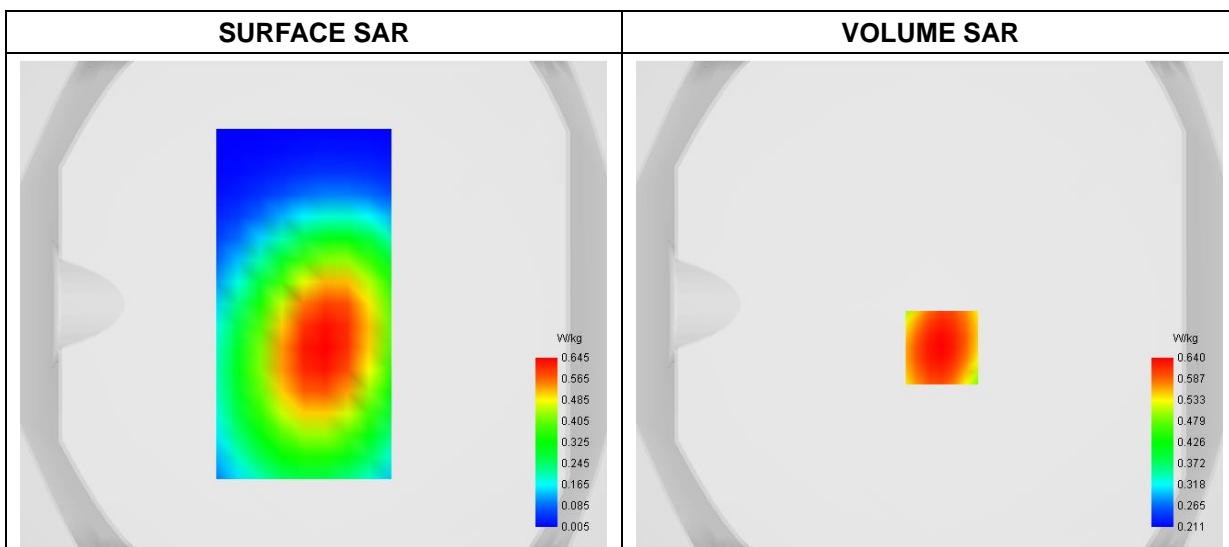
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 17
Channels	16QAM, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
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



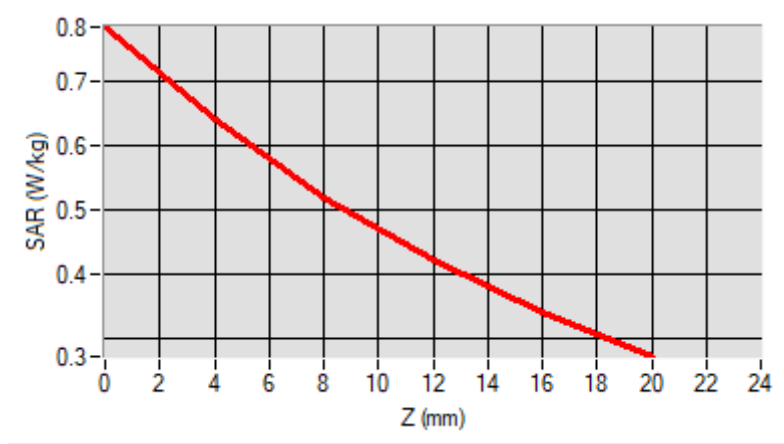
Maximum location: X=5.00, Y=-18.00

D. SAR 1g & 10g

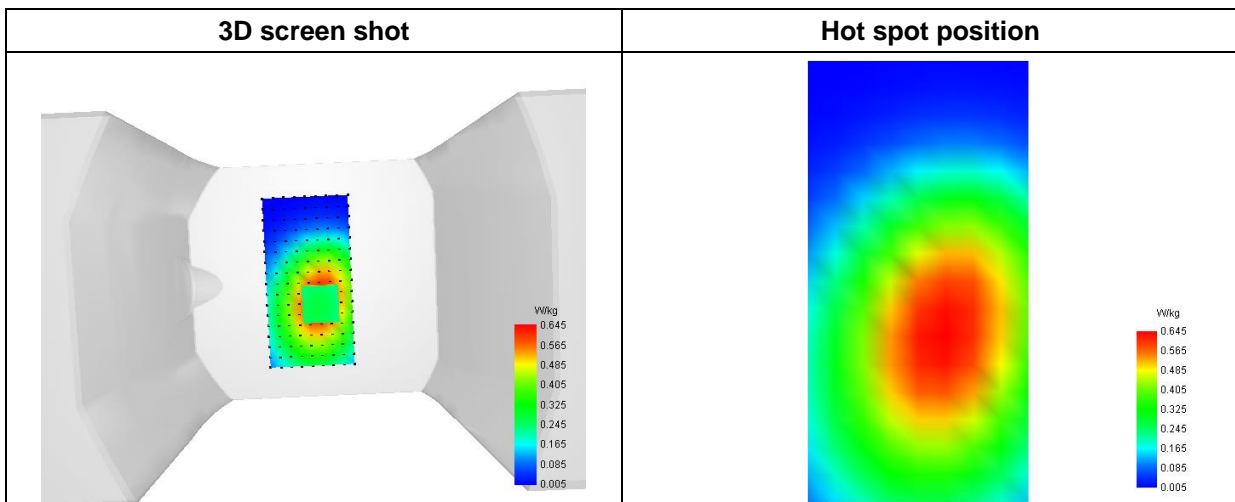
SAR 10g (W/Kg)	0.456761
SAR 1g (W/Kg)	0.617115

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7851	0.6404	0.5204	0.4221	0.3413



F. 3D Image



MEASUREMENT 9

Type: Phone measurement (Complete)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

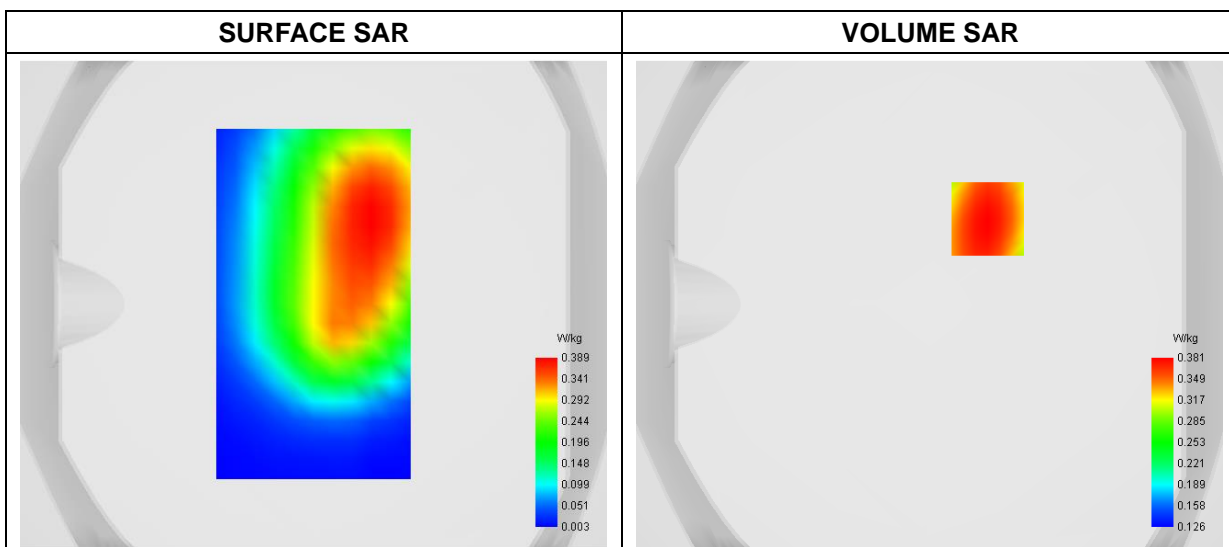
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 26(814-824MHz)
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	819.000000
Relative Permittivity (real part)	42.261512
Conductivity (S/m)	0.872026
Power Variation (%)	1.585800
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



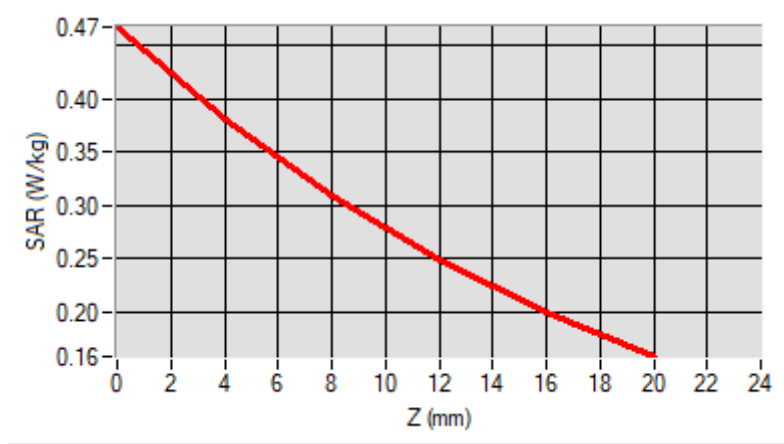
Maximum location: X=24.00, Y=35.00

D. SAR 1g & 10g

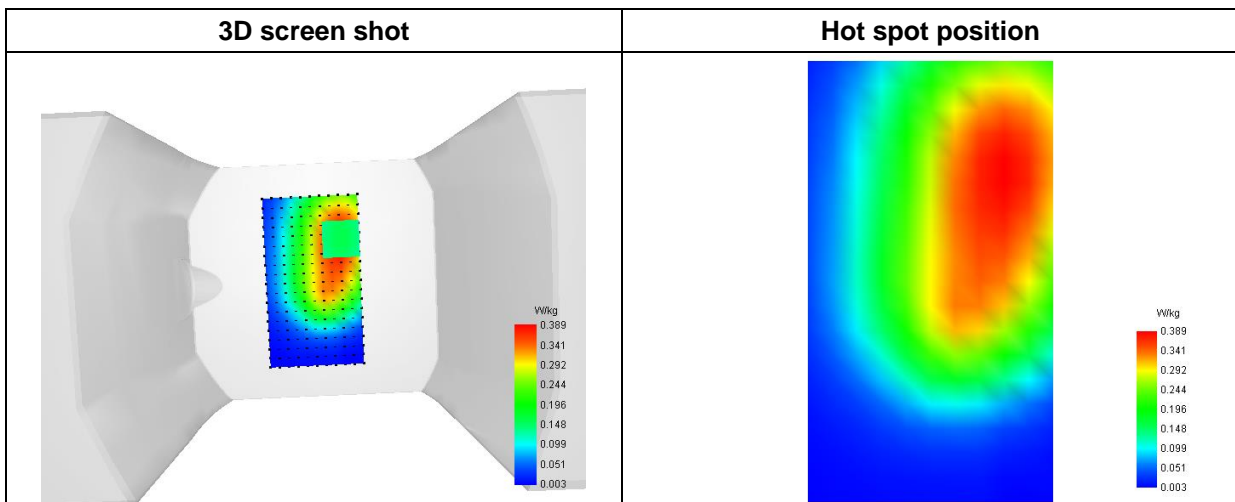
SAR 10g (W/Kg)	0.270369
SAR 1g (W/Kg)	0.367289

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4677	0.3813	0.3092	0.2498	0.2006



F. 3D Image



MEASUREMENT 10

Type: Phone measurement (Complete)

Date of measurement: 2024-03-14

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.34; Calibrated: 2023-07-07

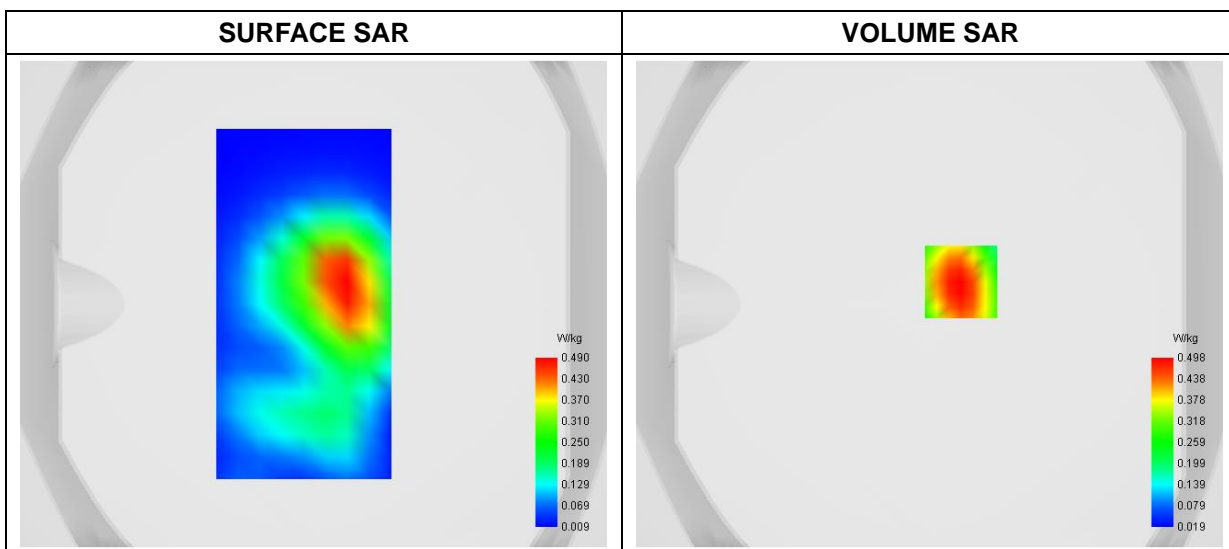
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 30
Channels	QPSK, 5MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2312.500000
Relative Permittivity (real part)	39.122624
Conductivity (S/m)	1.653575
Power Variation (%)	0.580237
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume



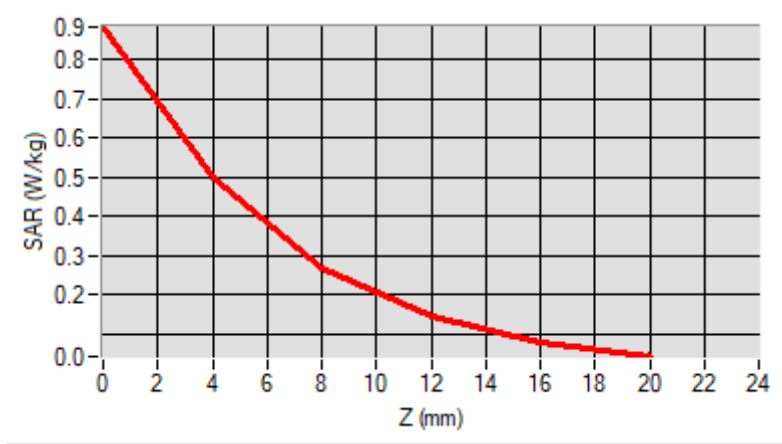
Maximum location: X=13.00, Y=9.00

D. SAR 1g & 10g

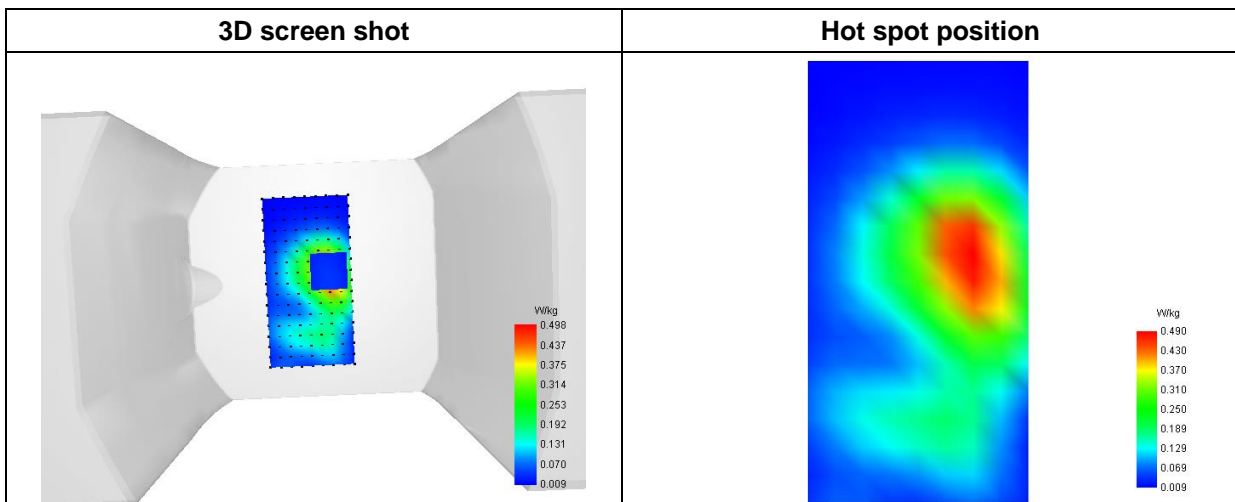
SAR 10g (W/Kg)	0.243107
SAR 1g (W/Kg)	0.470313

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8841	0.4977	0.2694	0.1447	0.0800



F. 3D Image



MEASUREMENT 11

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

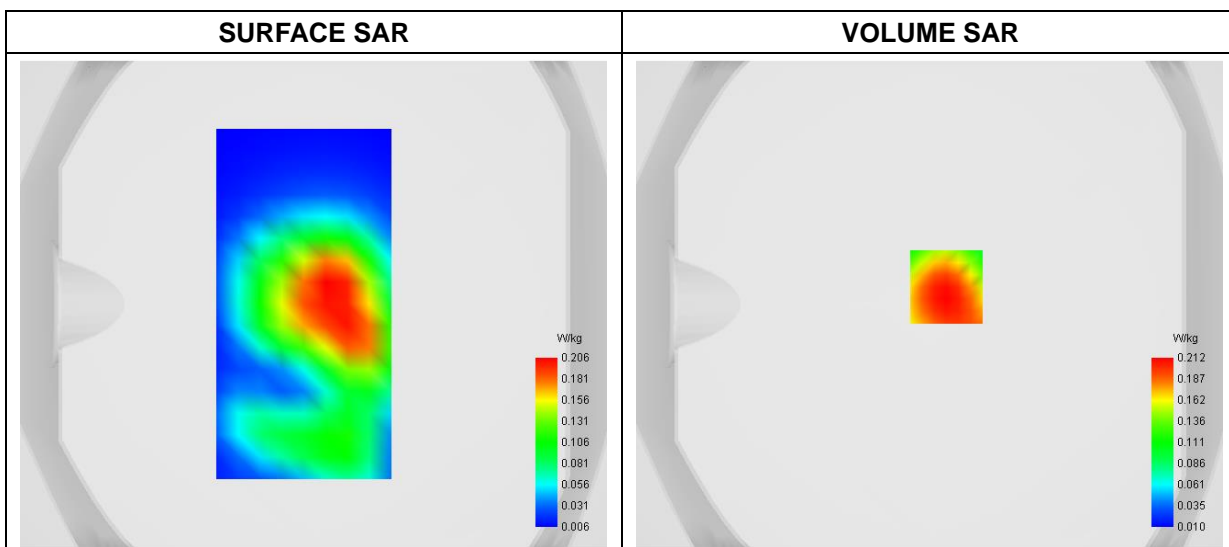
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 38/41
Channels	16QAM, 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)	1.932184
Power Variation (%)	0.317300
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

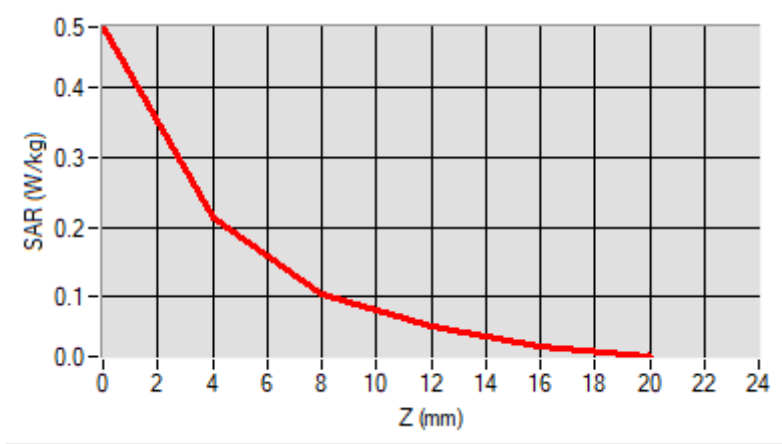


Maximum location: X=7.00, Y=7.00
D. SAR 1g & 10g

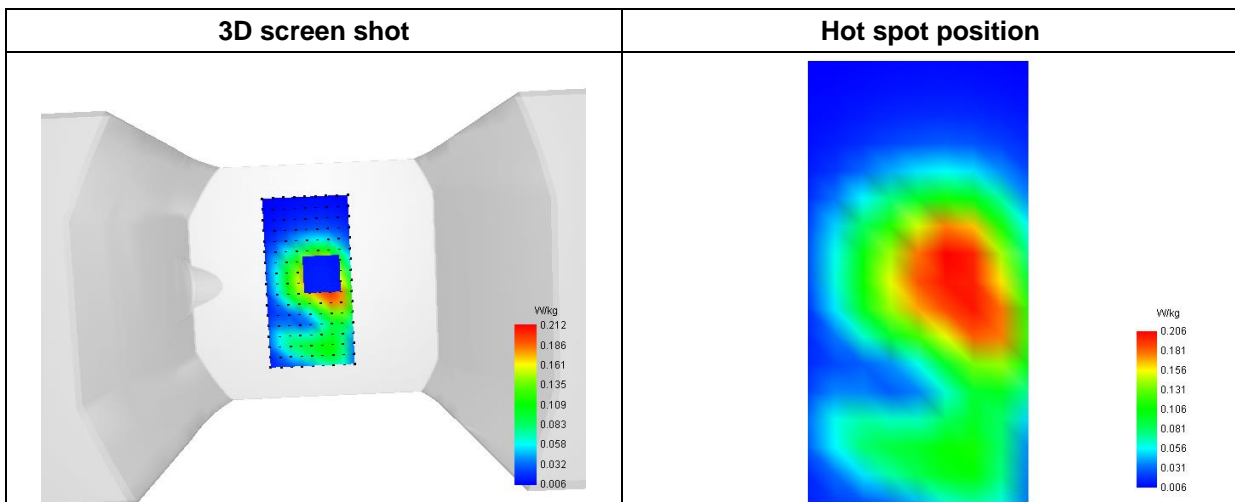
SAR 10g (W/Kg)	0.105688
SAR 1g (W/Kg)	0.202311

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4866	0.2122	0.1030	0.0581	0.0281



F. 3D Image



MEASUREMENT 12

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

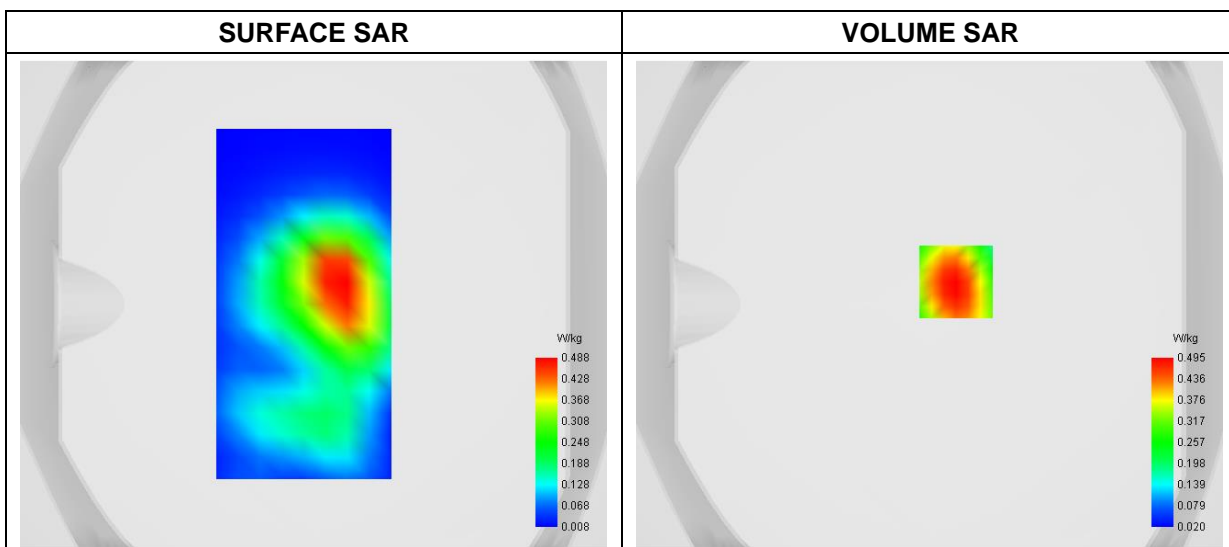
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 38/41_HPUE
Channels	QPSK, 5MHz,1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2593.000000
Relative Permittivity (real part)	38.872193
Conductivity (S/m)	1.933217
Power Variation (%)	1.524900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

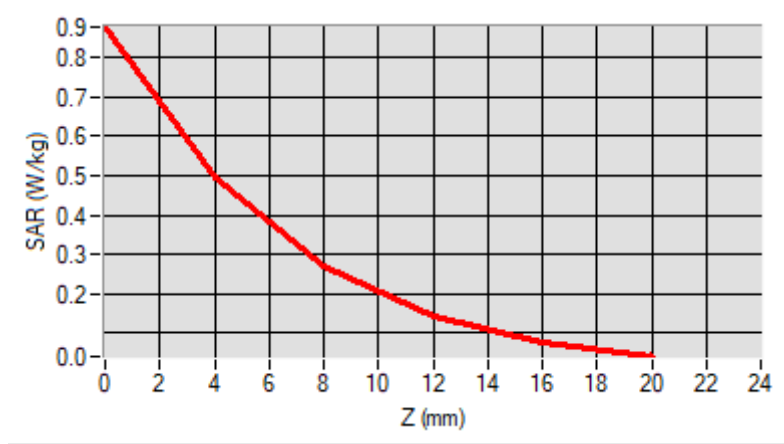


**Maximum location: X=11.00, Y=9.00
D. SAR 1g & 10g**

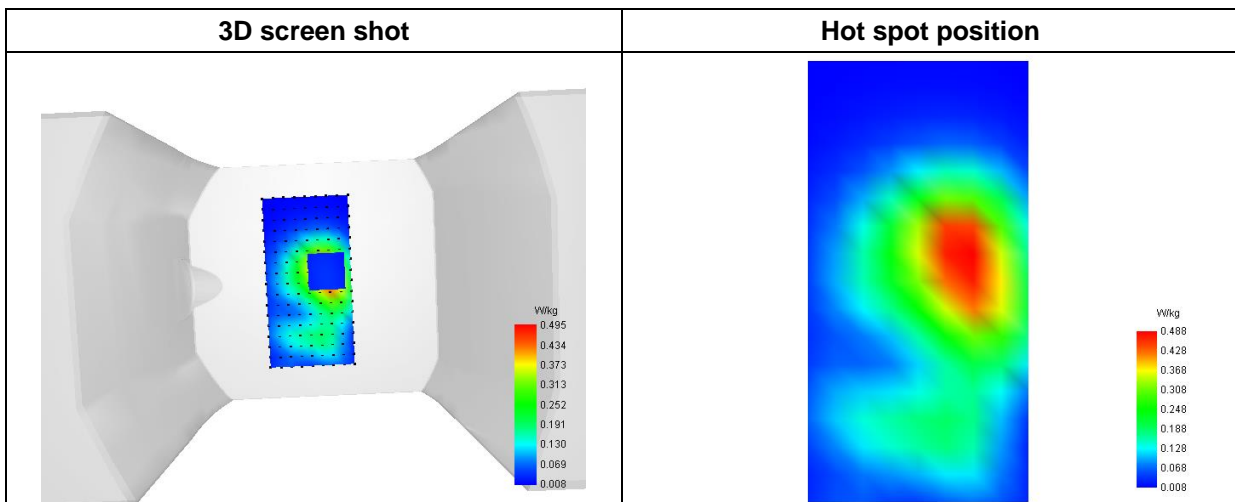
SAR 10g (W/Kg)	0.242072
SAR 1g (W/Kg)	0.467983

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8769	0.4951	0.2685	0.1438	0.0785



F. 3D Image



MEASUREMENT 13

Type: Phone measurement (Complete)

Date of measurement: 2024-03-21

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2023-07-07

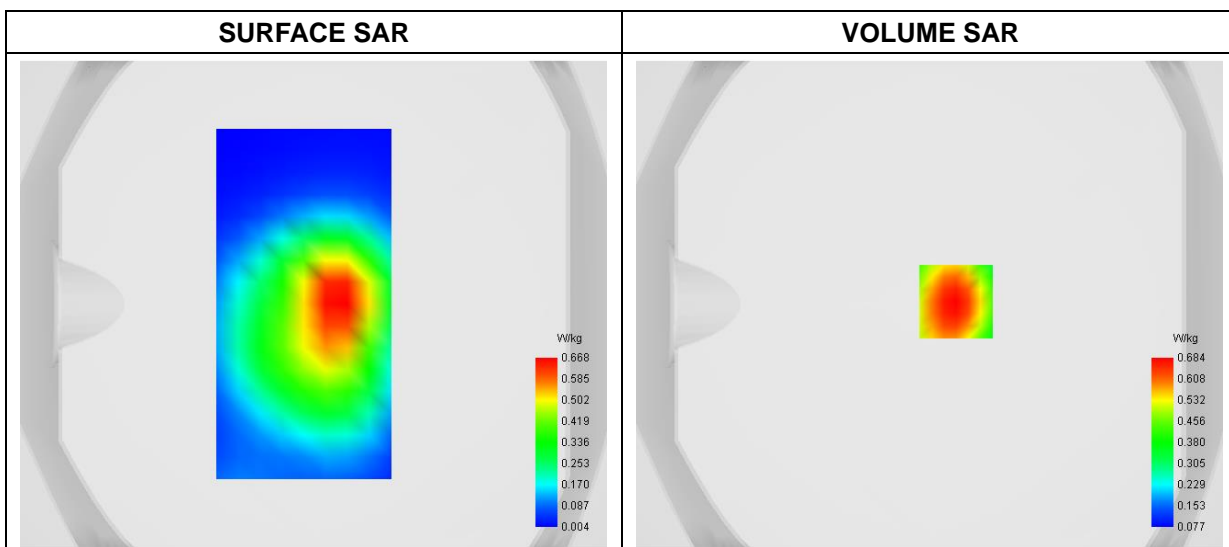
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 48
Channels	QPSK, 20MHz,1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3625.000000
Relative Permittivity (real part)	35.122561
Conductivity (S/m)	3.332184
Power Variation (%)	-0.317300
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

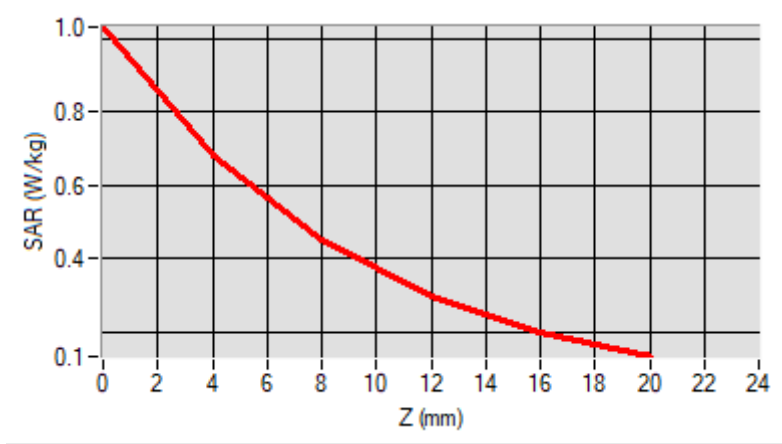


**Maximum location: X=11.00, Y=1.00
D. SAR 1g & 10g**

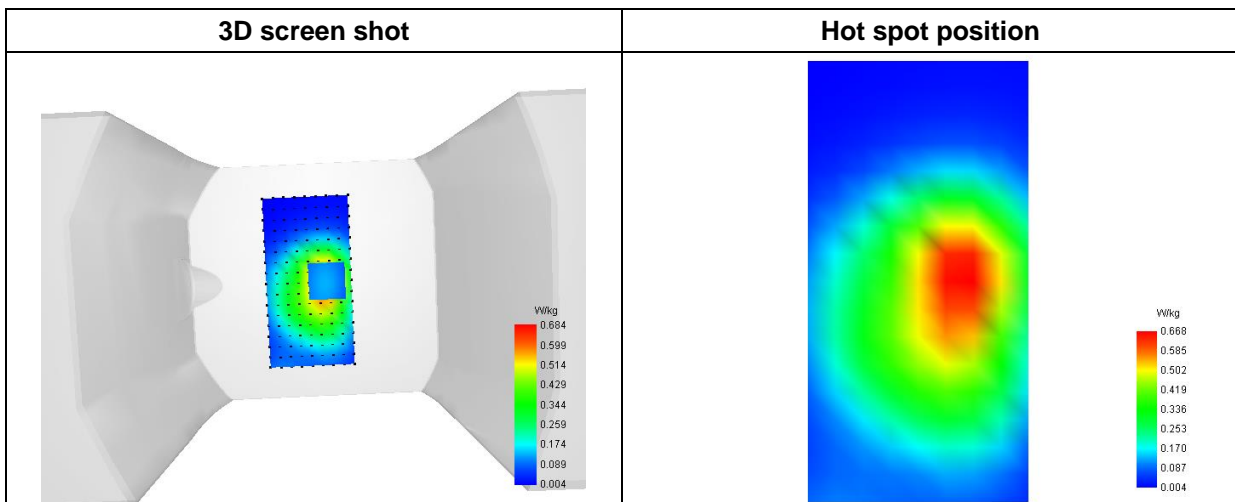
SAR 10g (W/Kg)	0.382174
SAR 1g (W/Kg)	0.644162

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0321	0.6838	0.4490	0.2977	0.2014



F. 3D Image



MEASUREMENT 14

Type: Phone measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

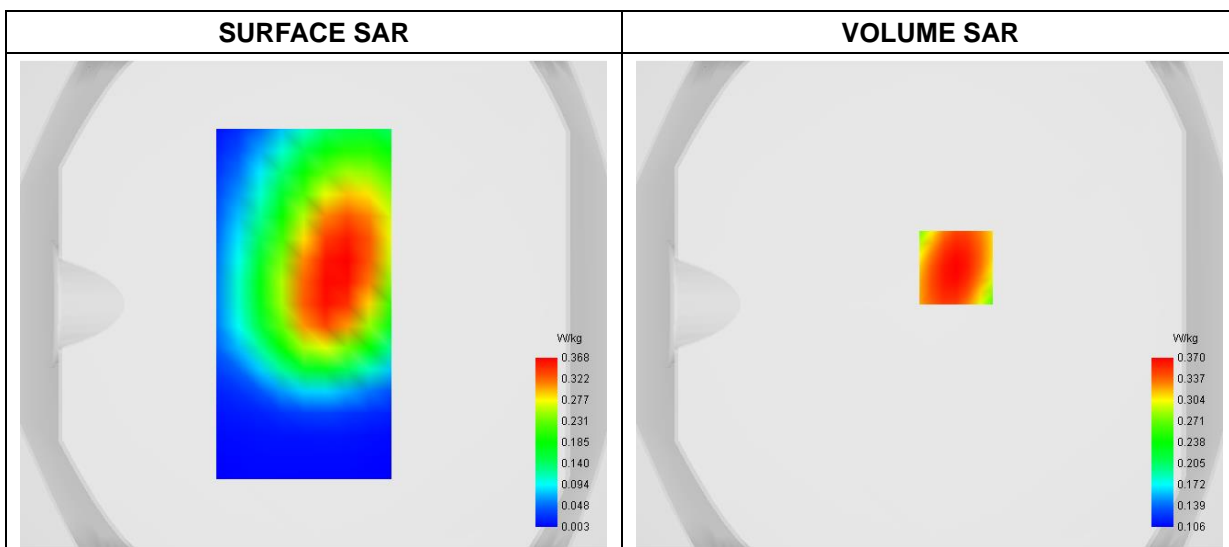
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE Band 71
Channels	QPSK, 20MHz, 1RB,Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	683.000000
Relative Permittivity (real part)	42.284915
Conductivity (S/m)	0.863719
Power Variation (%)	1.153900
Ambient Temperature	22.5
Liquid Temperature	22.9

C. SAR Surface and Volume



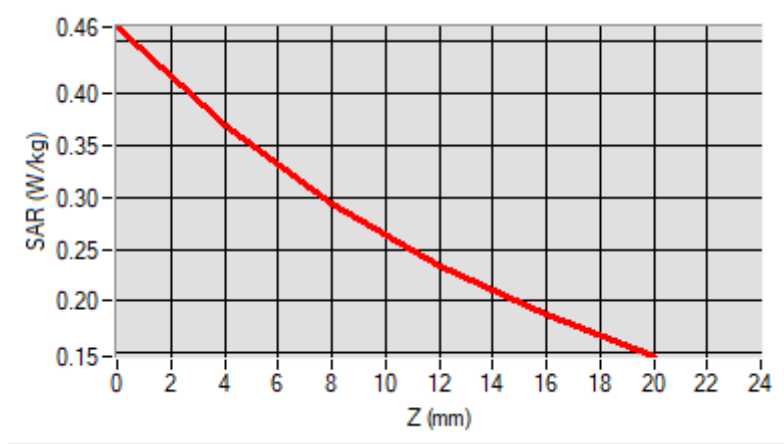
Maximum location: X=11.00, Y=15.00

D. SAR 1g & 10g

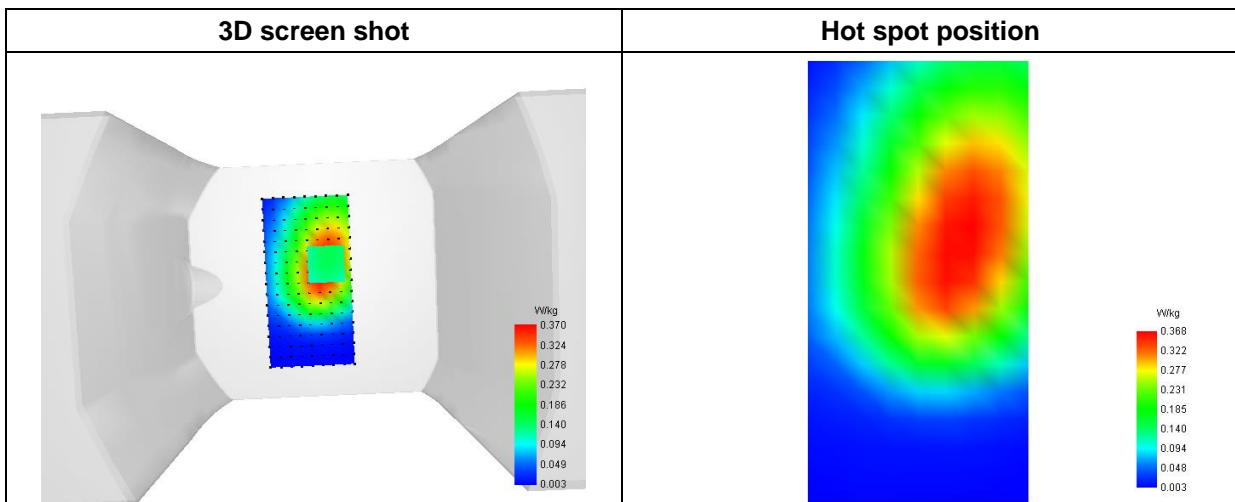
SAR 10g (W/Kg)	0.257024
SAR 1g (W/Kg)	0.354667

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4639	0.3697	0.2940	0.2340	0.1864



F. 3D Image



MEASUREMENT 15

Type: Measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 11 minutes 48 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

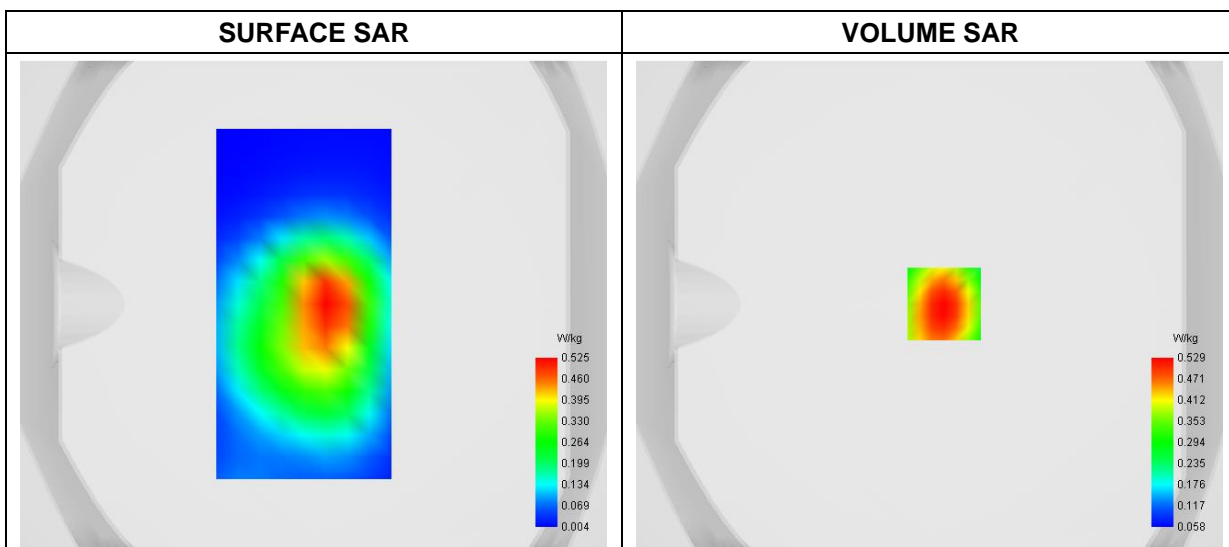
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_2C
Channels	QPSK, 10MHz+20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1855.5+1869.9
Relative Permittivity (real part)	39.542641
Conductivity (S/m)	1.373216
Power Variation (%)	1.145900
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

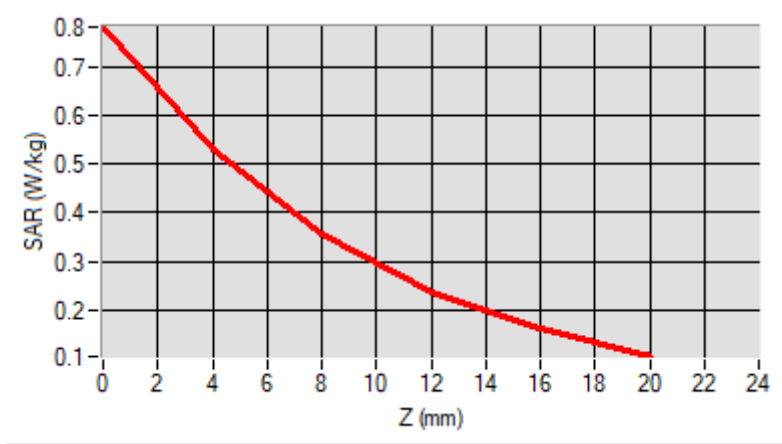


Maximum location: X=6.00, Y=0.00
 D. SAR 1g & 10g

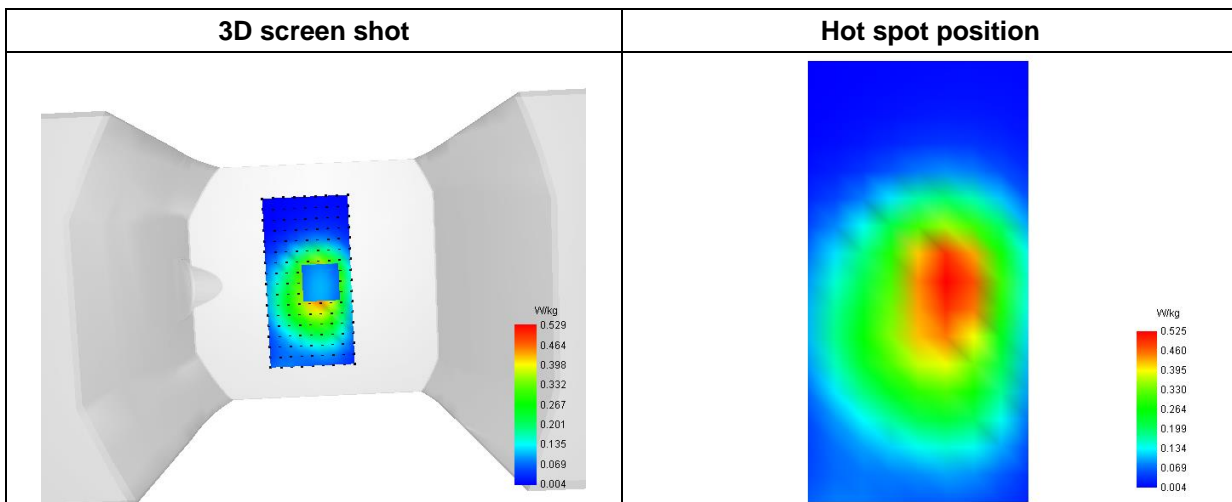
SAR 10g (W/Kg)	0.296209
SAR 1g (W/Kg)	0.497357

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7804	0.5295	0.3550	0.2380	0.1602



F. 3D Image



MEASUREMENT 16

Type: Measurement (Complete)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

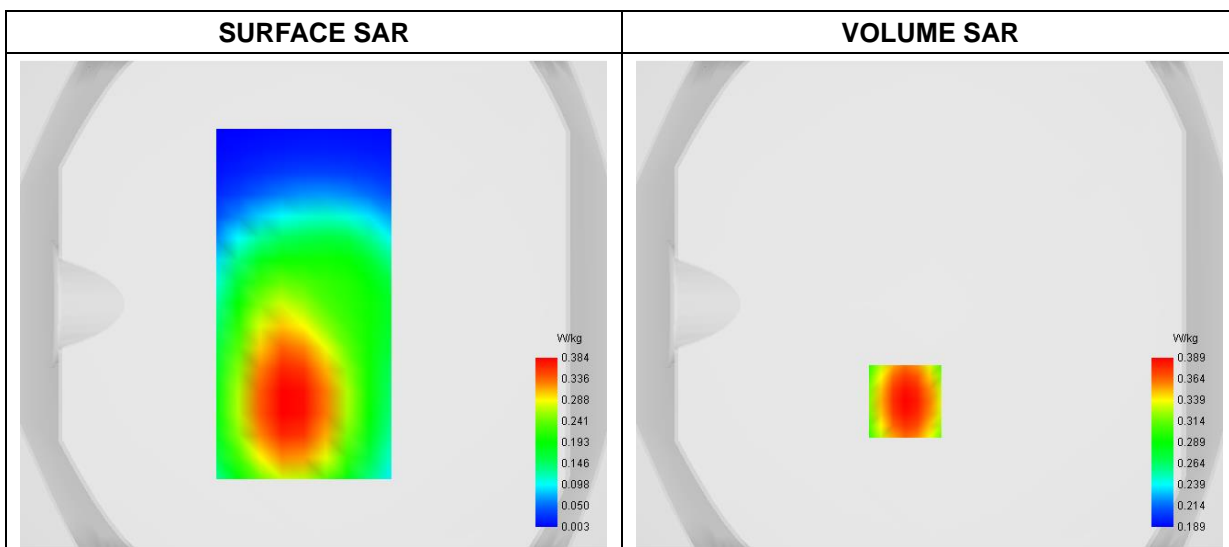
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_5B
Channels	QPSK, 10MHz+5MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	834.0+841.2
Relative Permittivity (real part)	42.261412
Conductivity (S/m)	0.871994
Power Variation (%)	-1.558100
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



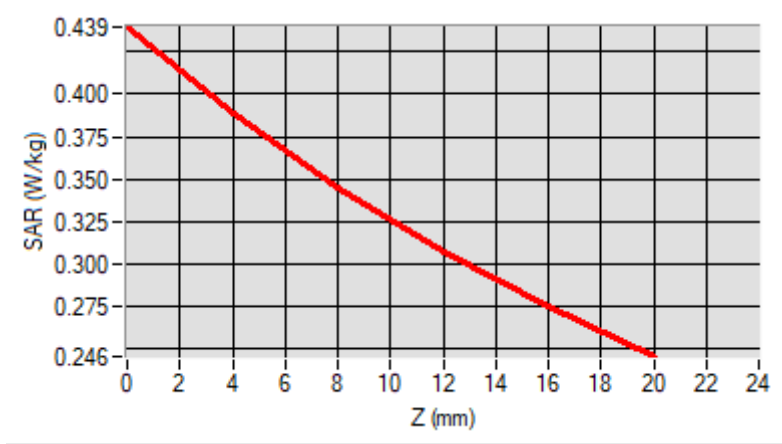
Maximum location: X=-10.00, Y=-40.00

D. SAR 1g & 10g

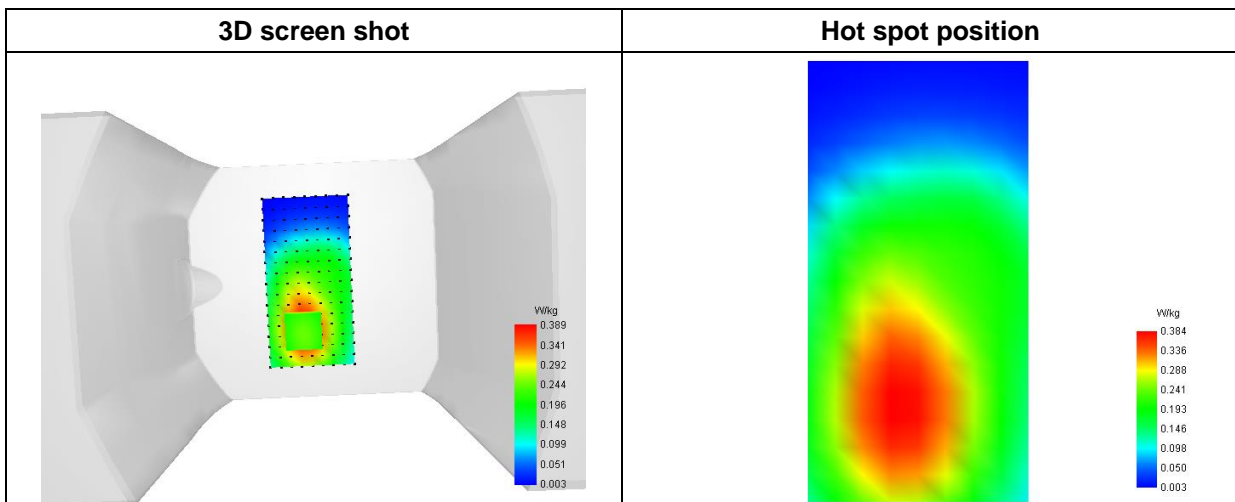
SAR 10g (W/Kg)	0.310943
SAR 1g (W/Kg)	0.377283

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4395	0.3890	0.3452	0.3076	0.2751



F. 3D Image



MEASUREMENT 17

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

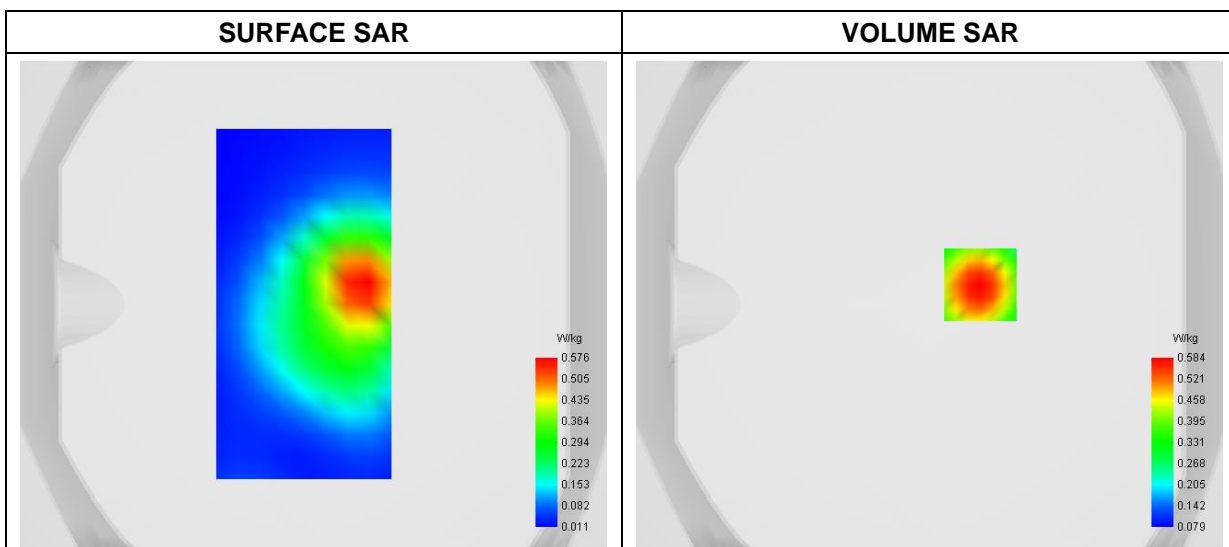
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_7C
Channels	QPSK, 20MHz+10MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2550.1+2564.5
Relative Permittivity (real part)	38.871089
Conductivity (S/m)	1.931654
Power Variation (%)	0.965100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



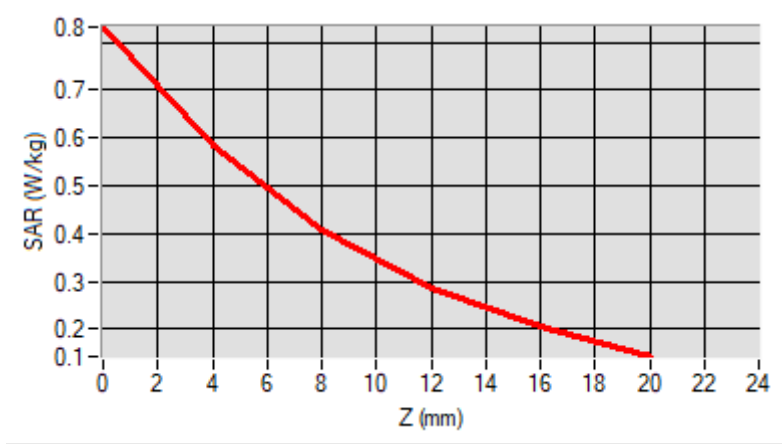
Maximum location: X=21.00, Y=8.00

D. SAR 1g & 10g

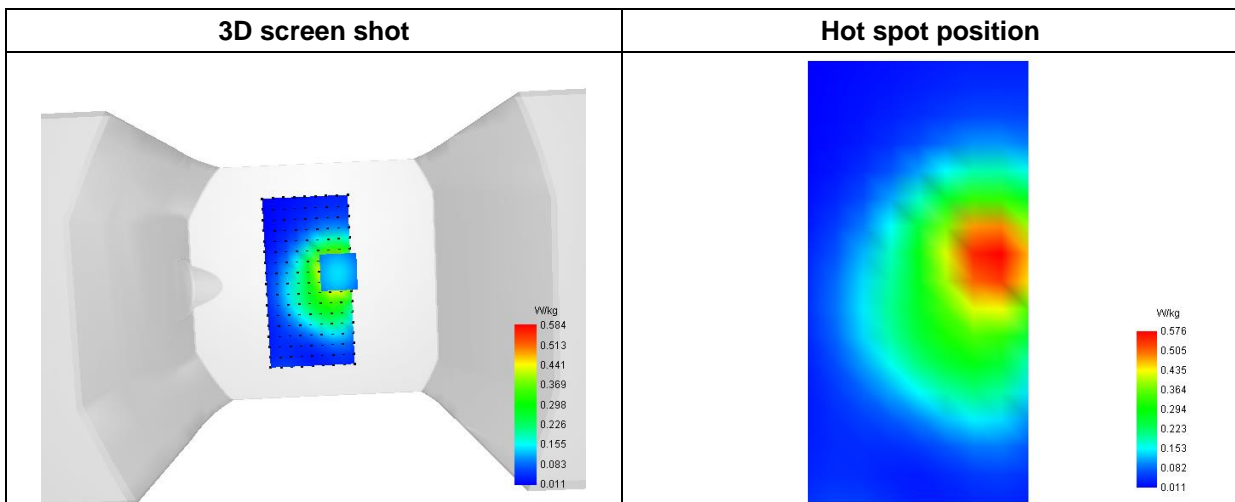
SAR 10g (W/Kg)	0.336703
SAR 1g (W/Kg)	0.548253

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.8318	0.5842	0.4081	0.2871	0.2042



F. 3D Image



MEASUREMENT 18

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

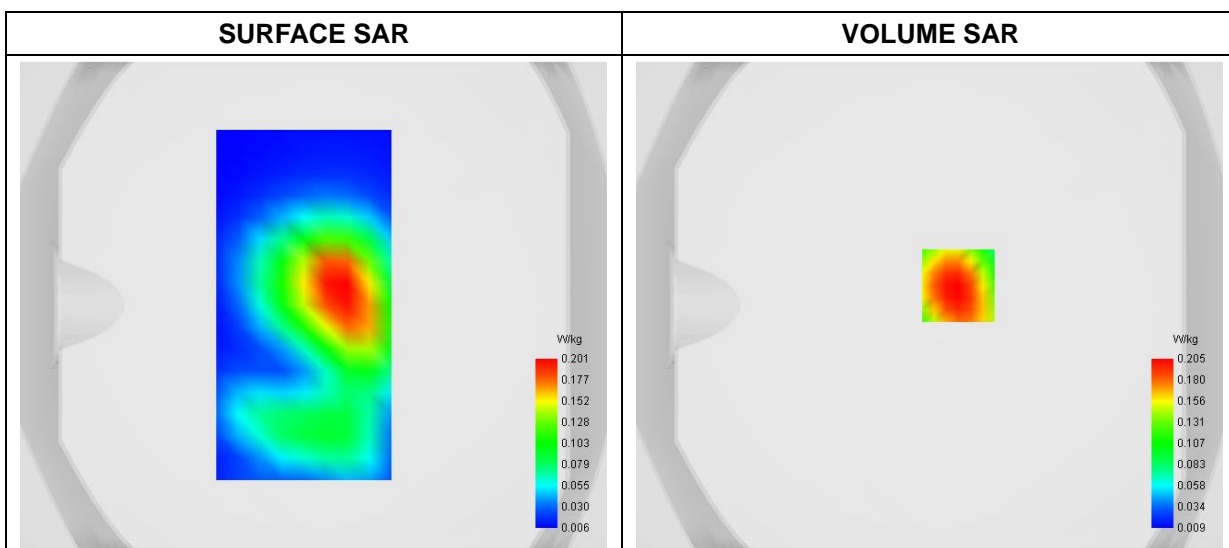
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_38C
Channels	QPSK, 20MHz+20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2590.2+2610.0
Relative Permittivity (real part)	38.871648
Conductivity (S/m)	1.931649
Power Variation (%)	0.608456
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



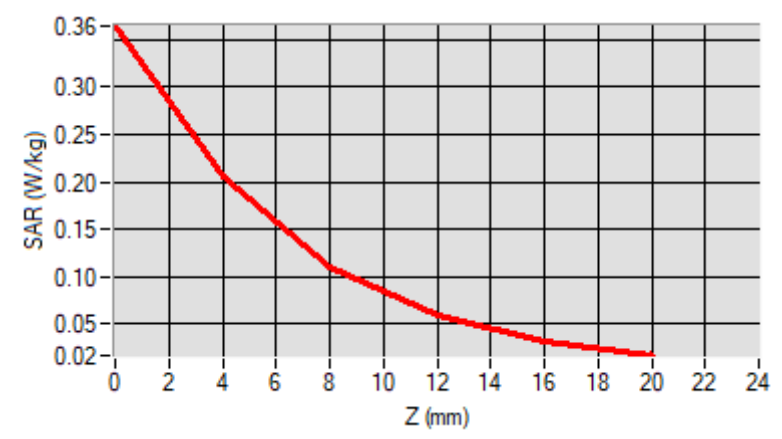
Maximum location: X=12.00, Y=8.00

D. SAR 1g & 10g

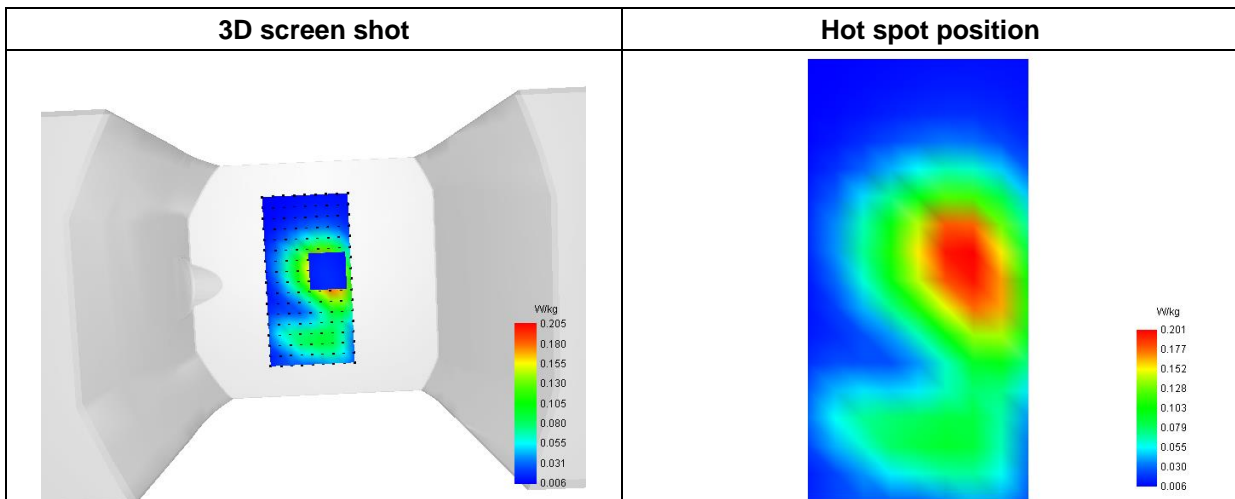
SAR 10g (W/Kg)	0.101426
SAR 1g (W/Kg)	0.194619

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3643	0.2048	0.1105	0.0590	0.0322



F. 3D Image



MEASUREMENT 19

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

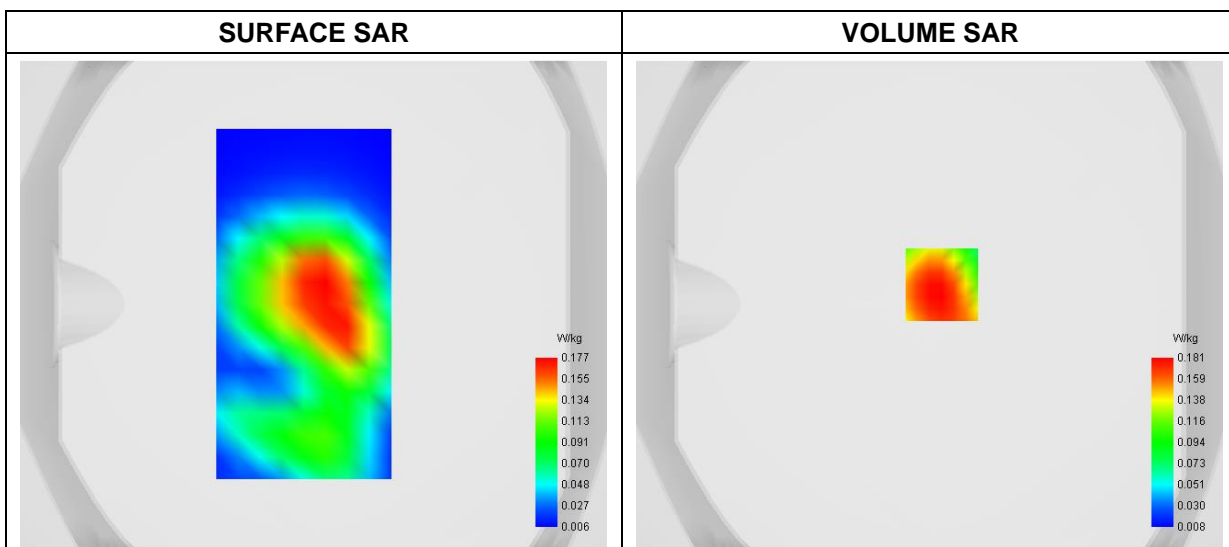
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_41C
Channels	QPSK, 20MHz+5MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2675.0+2686.7
Relative Permittivity (real part)	38.874216
Conductivity (S/m)	1.931368
Power Variation (%)	-1.54856
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

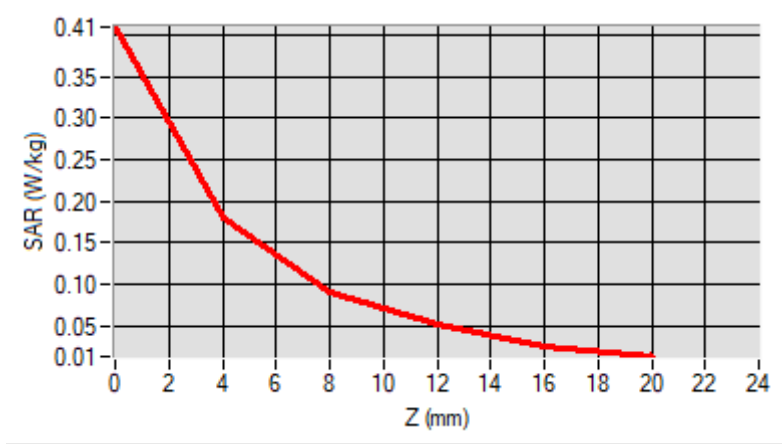


Maximum location: X=5.00, Y=8.00
D. SAR 1g & 10g

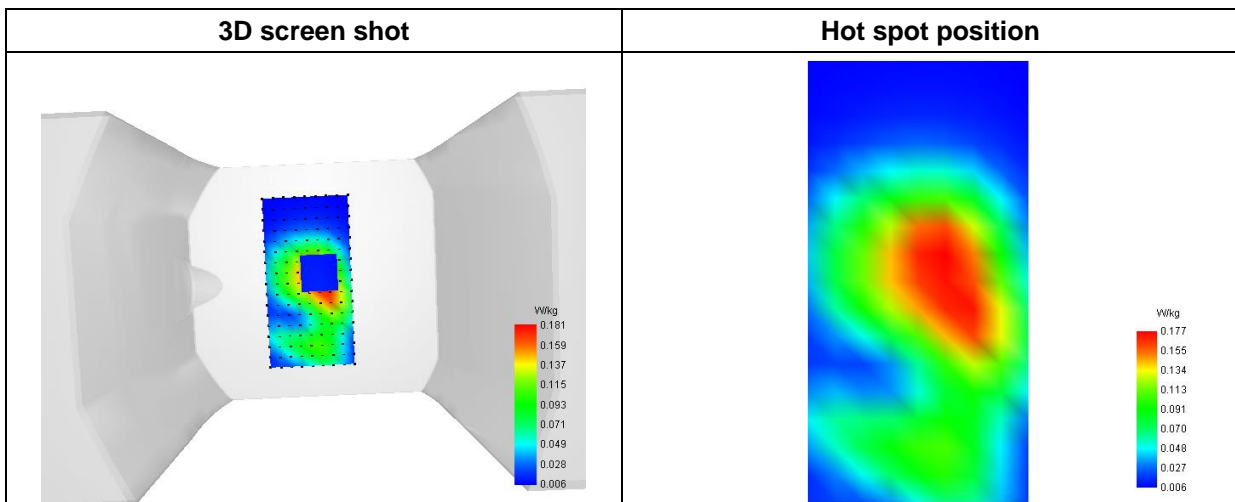
SAR 10g (W/Kg)	0.090581
SAR 1g (W/Kg)	0.172704

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4096	0.1806	0.0894	0.0511	0.0246



F. 3D Image



MEASUREMENT 20

Type: Measurement (Complete)

Date of measurement: 2024-03-21

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2023-07-07

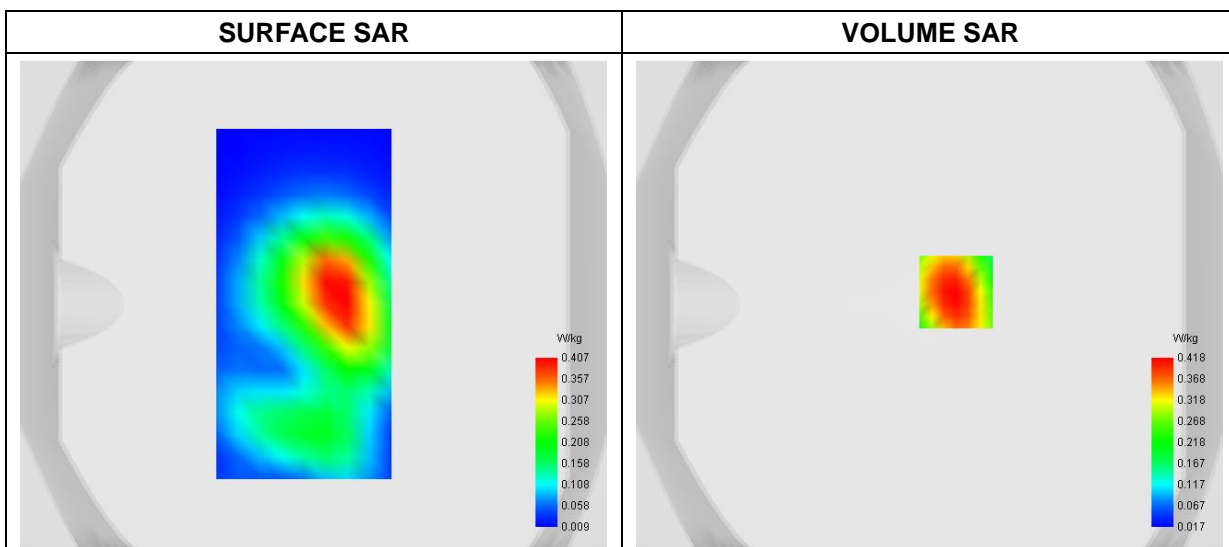
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_48C
Channels	16QAM, 5MHz+20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3678.3+3690.0
Relative Permittivity (real part)	35.121948
Conductivity (S/m)	3.331255
Power Variation (%)	1.374100
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



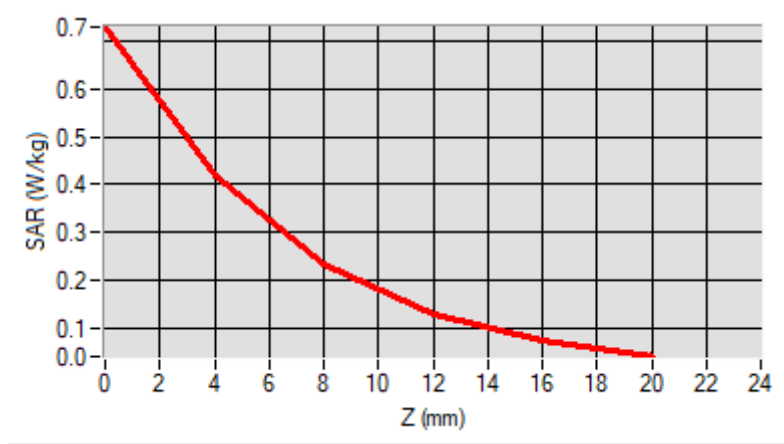
Maximum location: X=11.00, Y=5.00

D. SAR 1g & 10g

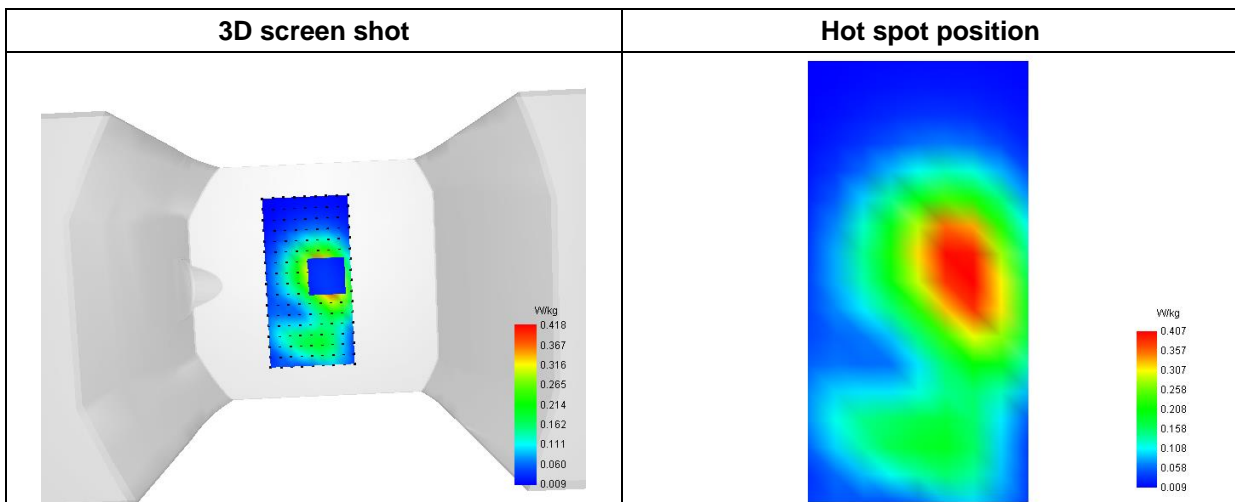
SAR 10g (W/Kg)	0.208254
SAR 1g (W/Kg)	0.395969

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7313	0.4185	0.2312	0.1270	0.0717



F. 3D Image



MEASUREMENT 21

Type: Measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

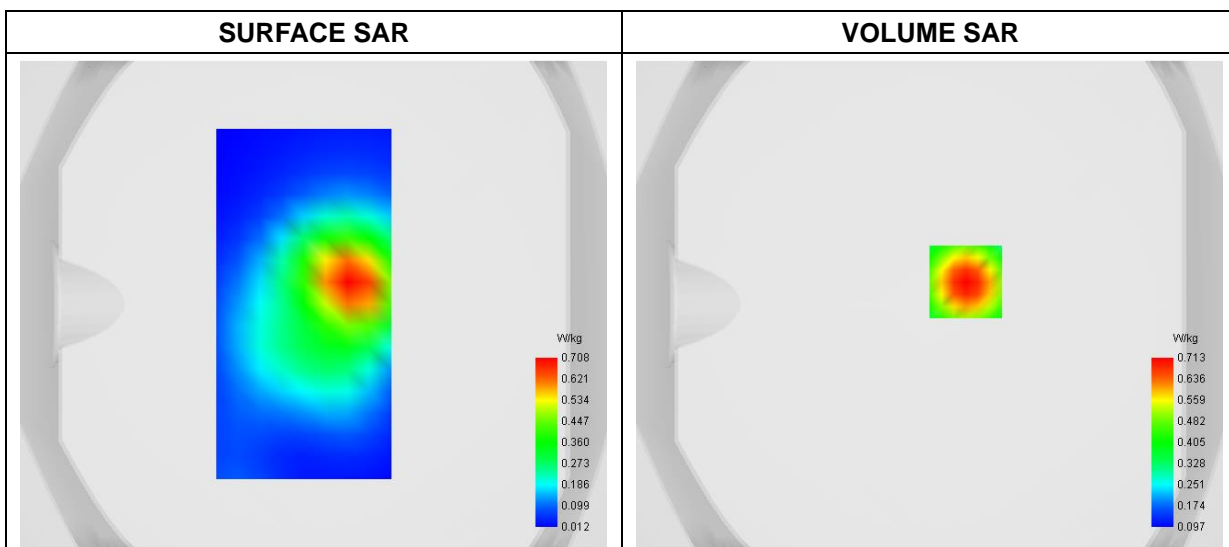
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_66B
Channels	QPSK, 5MHz+15MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1713.0+1722.3
Relative Permittivity (real part)	39.544893
Conductivity (S/m)	1.371217
Power Variation (%)	1.374100
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



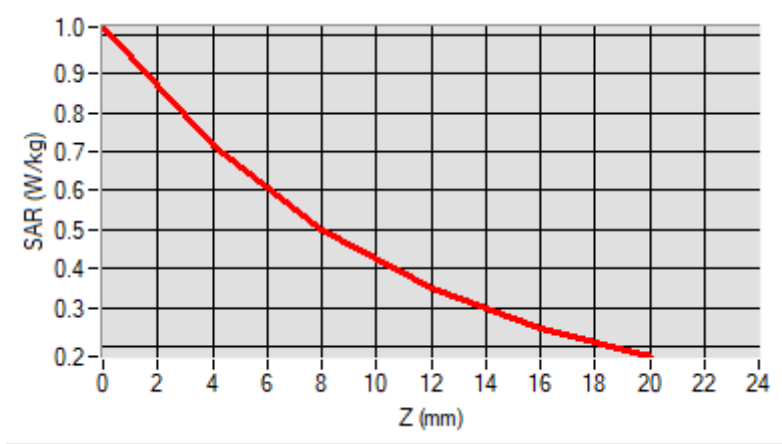
Maximum location: X=15.00, Y=9.00

D. SAR 1g & 10g

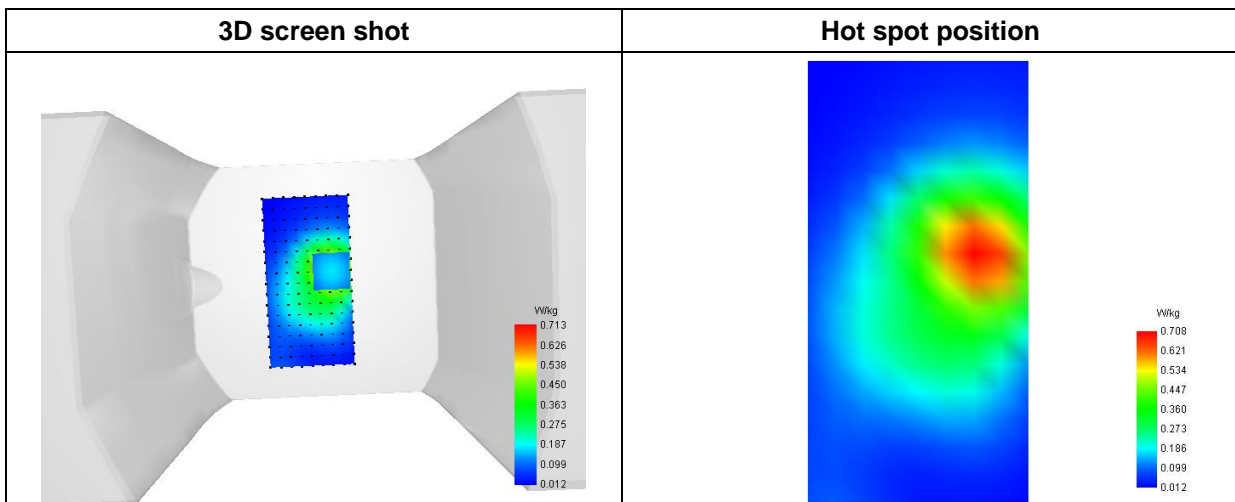
SAR 10g (W/Kg)	0.403973
SAR 1g (W/Kg)	0.664447

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0186	0.7134	0.4974	0.3500	0.2498



F. 3D Image



MEASUREMENT 22

Type: Measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

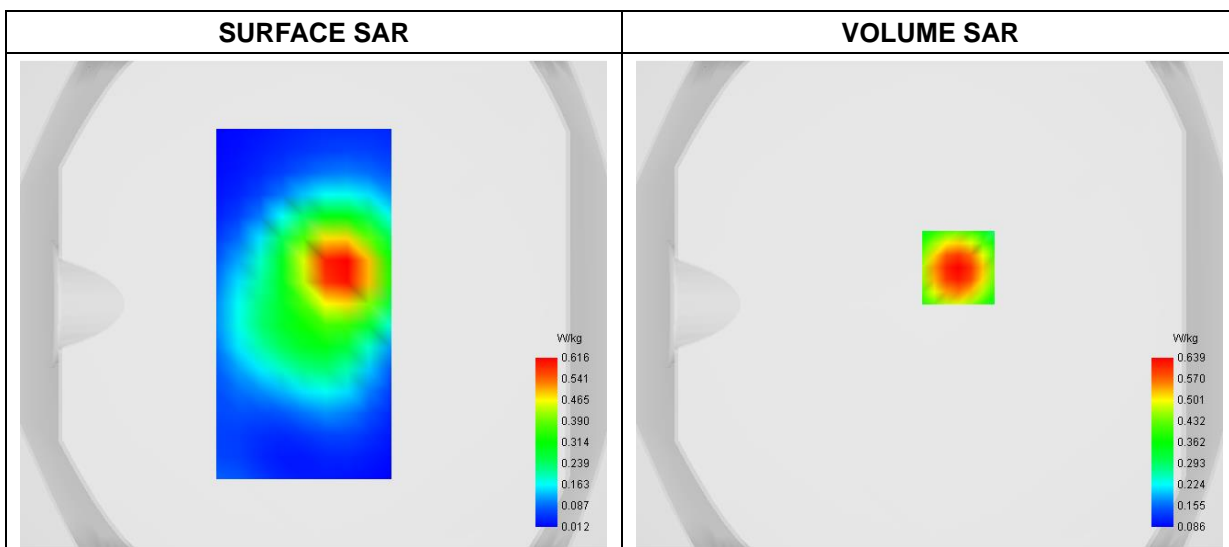
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	LTE UL CA_66C
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1755.6+1770
Relative Permittivity (real part)	39.541692
Conductivity (S/m)	1.373182
Power Variation (%)	-0.428100
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



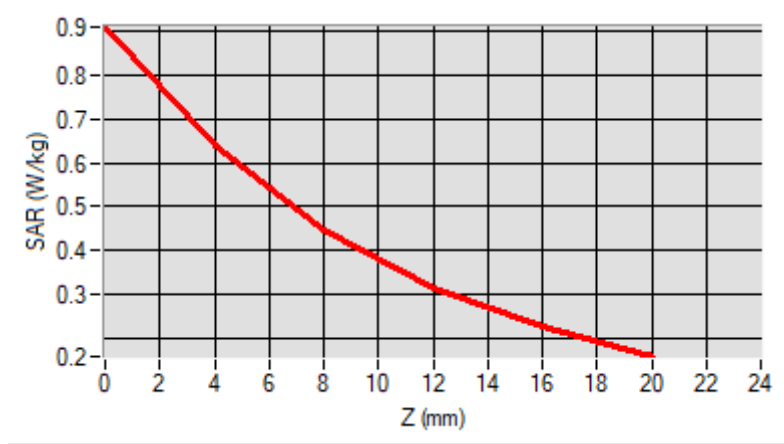
Maximum location: X=12.00, Y=15.00

D. SAR 1g & 10g

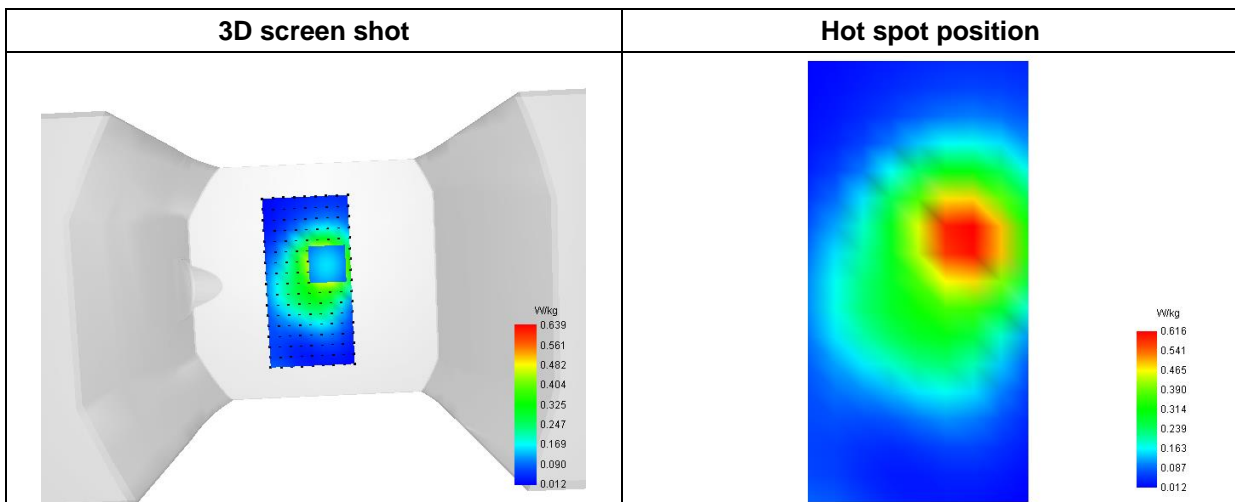
SAR 10g (W/Kg)	0.364452
SAR 1g (W/Kg)	0.597386

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9113	0.6391	0.4459	0.3135	0.2233



F. 3D Image



MEASUREMENT 23

Type: Phone measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

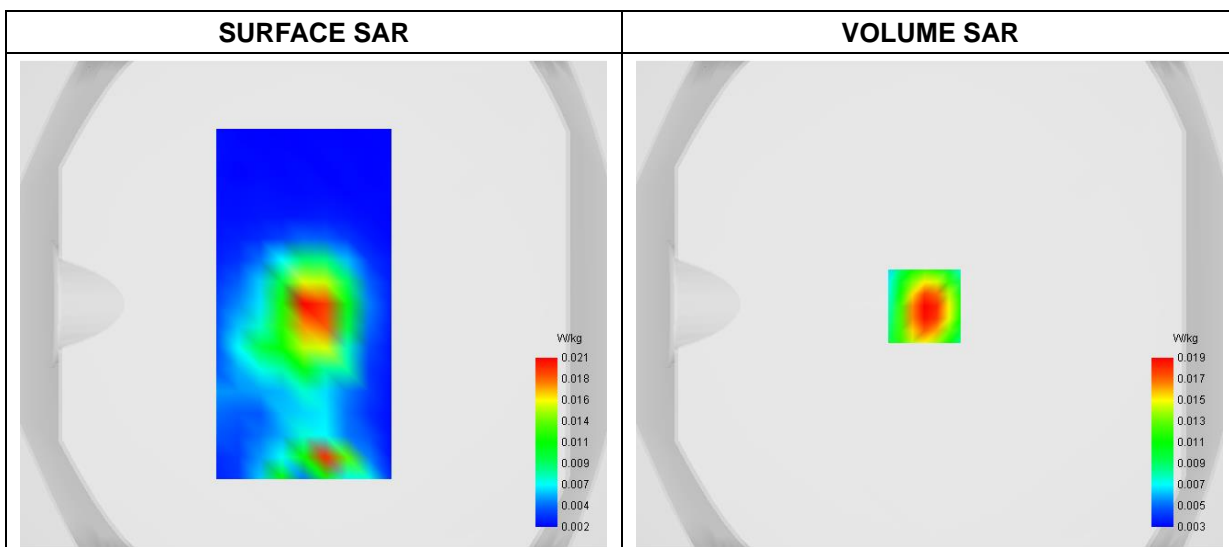
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n2
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1905.000000
Relative Permittivity (real part)	39.541475
Conductivity (S/m)	1.371249
Power Variation (%)	2.588100
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

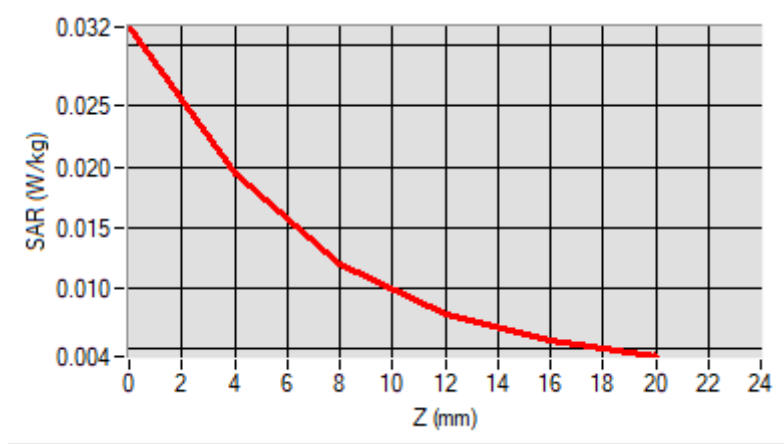


**Maximum location: X=-2.00, Y=-1.00
D. SAR 1g & 10g**

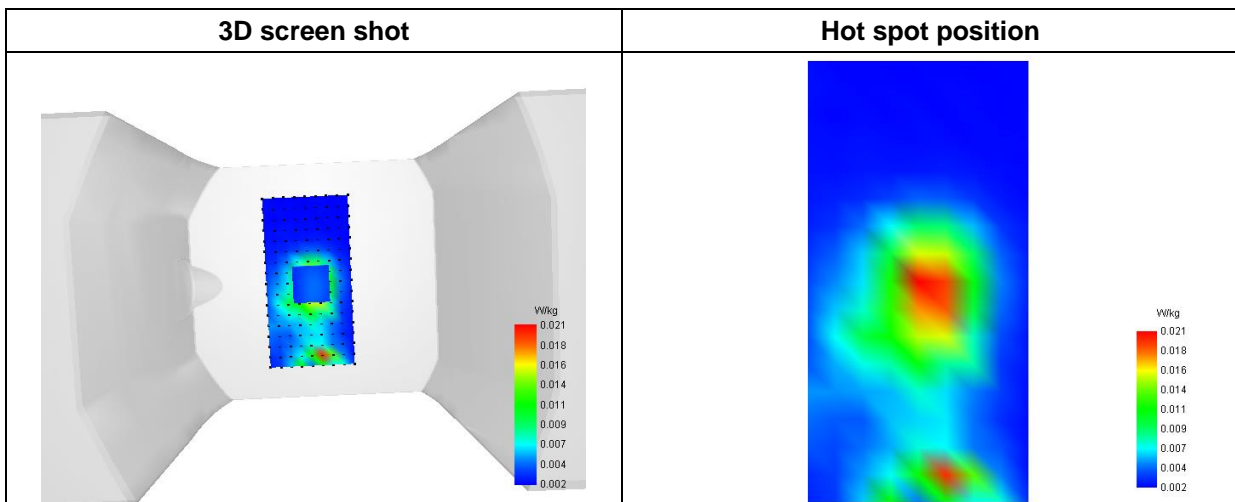
SAR 10g (W/Kg)	0.010260
SAR 1g (W/Kg)	0.018148

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0316	0.0194	0.0120	0.0078	0.0056



F. 3D Image



MEASUREMENT 24

Type: Phone measurement (Complete)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

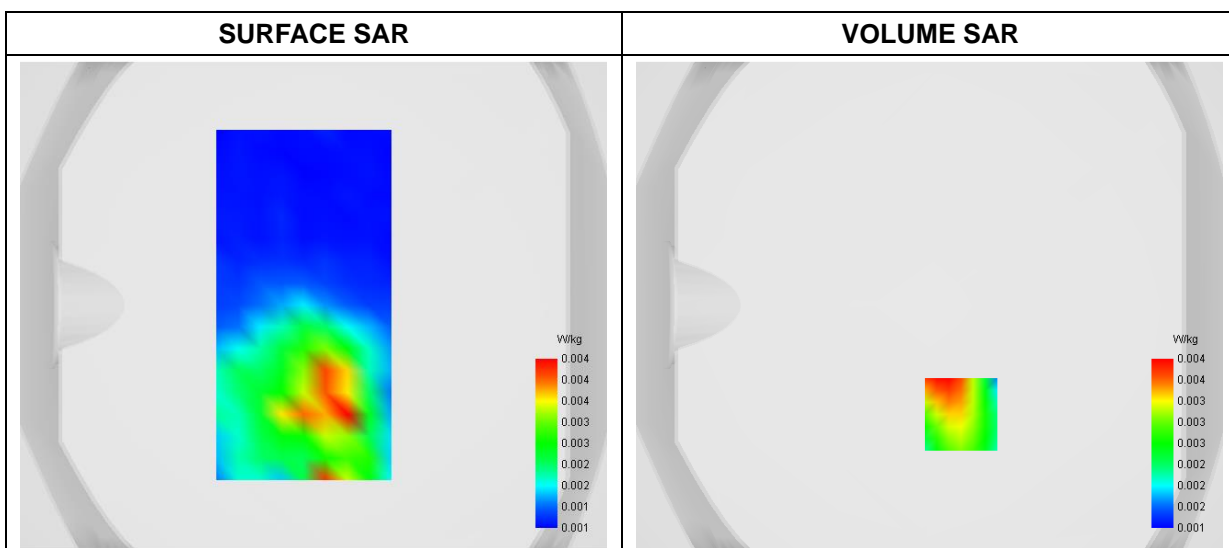
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n5/ n26(824-849MHz)
Channels	DFT-s-OFDM PI/2 BPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.000000
Relative Permittivity (real part)	42.264732
Conductivity (S/m)	0.871498
Power Variation (%)	2.583900
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



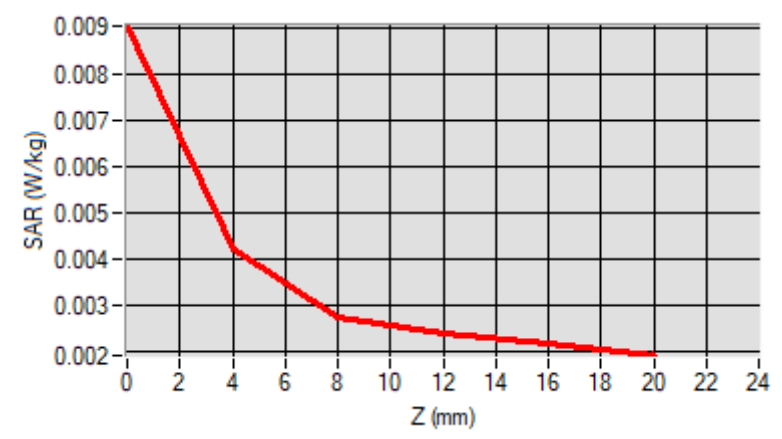
Maximum location: X=13.00, Y=-45.00

D. SAR 1g & 10g

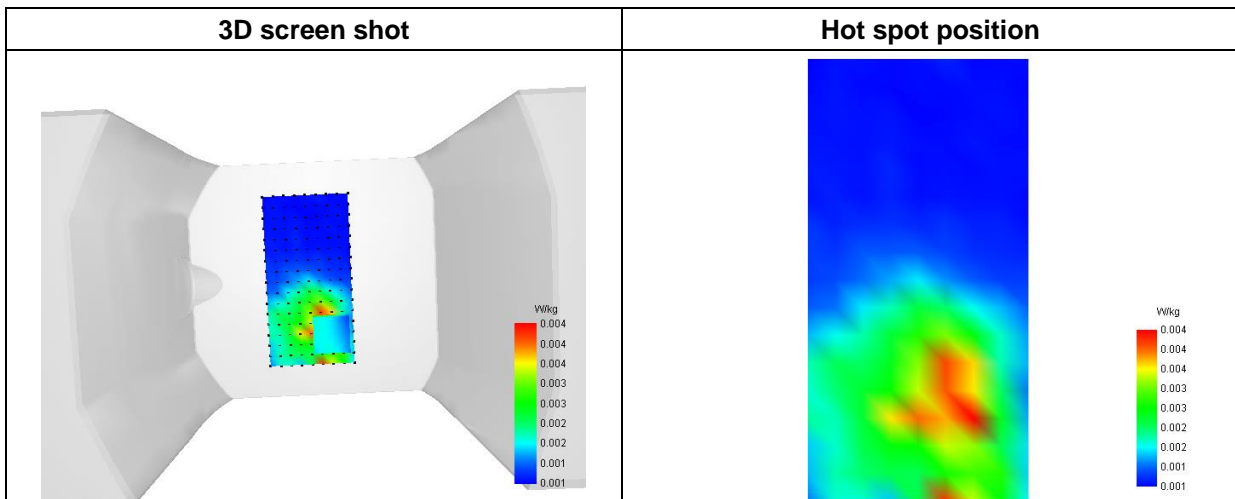
SAR 10g (W/Kg)	0.003034
SAR 1g (W/Kg)	0.004070

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0090	0.0042	0.0027	0.0024	0.0021



F. 3D Image



MEASUREMENT 25

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

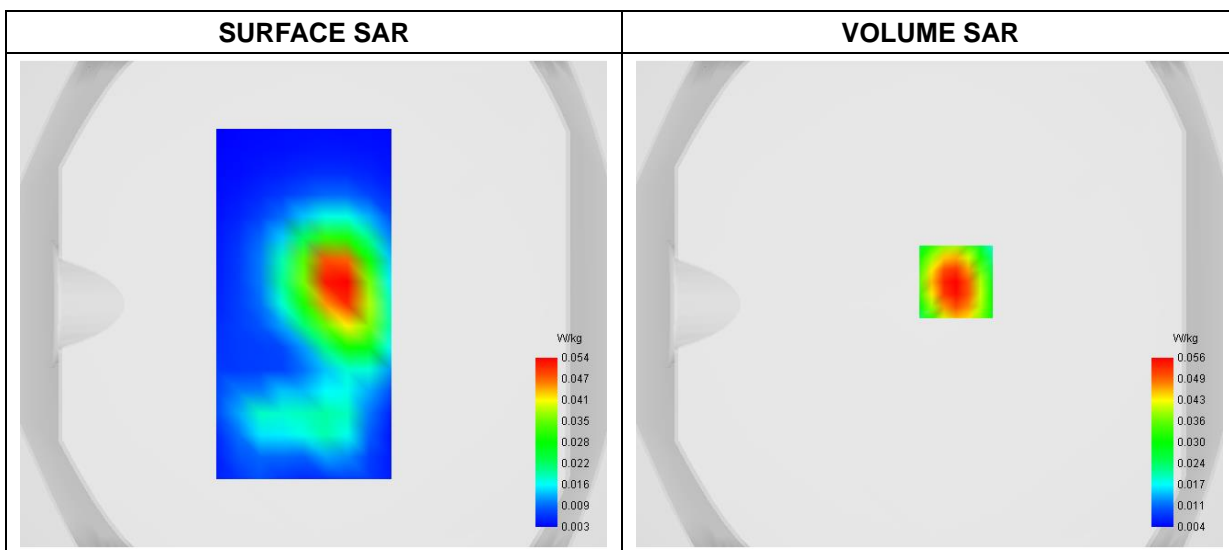
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n7
Channels	DFT-s-OFDM 16QAM, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2535.000000
Relative Permittivity (real part)	38.874591
Conductivity (S/m)	1.934782
Power Variation (%)	2.541200
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



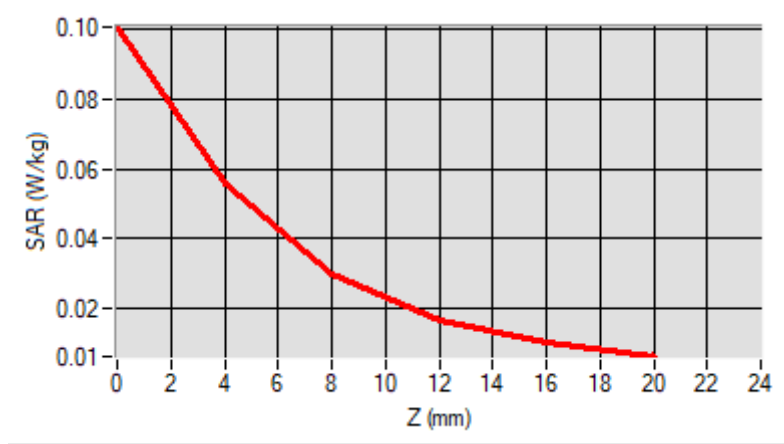
Maximum location: X=11.00, Y=9.00

D. SAR 1g & 10g

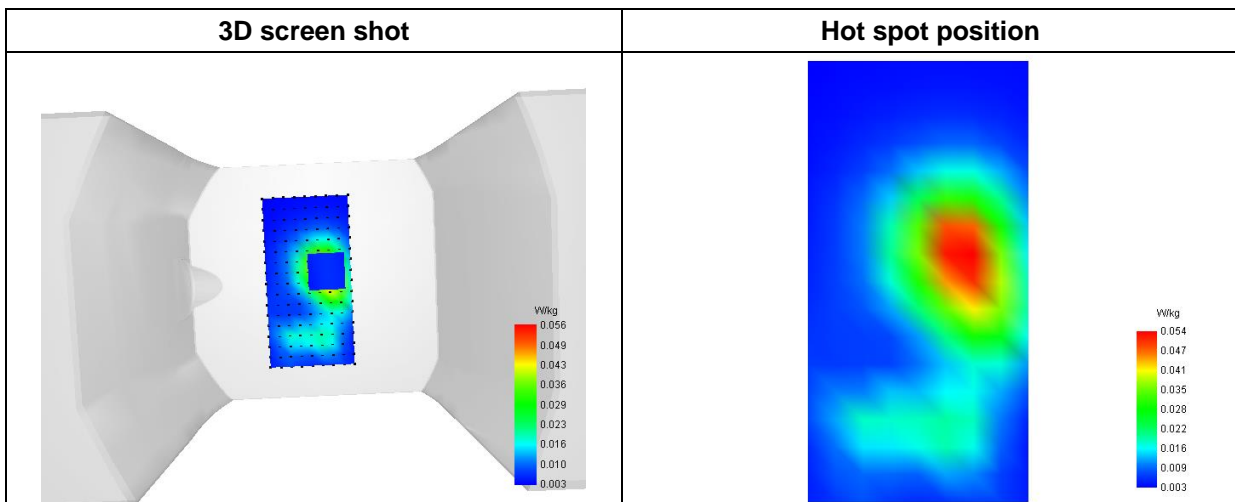
SAR 10g (W/Kg)	0.027139
SAR 1g (W/Kg)	0.052619

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1008	0.0558	0.0301	0.0166	0.0100



F. 3D Image



MEASUREMENT 26

Type: Measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

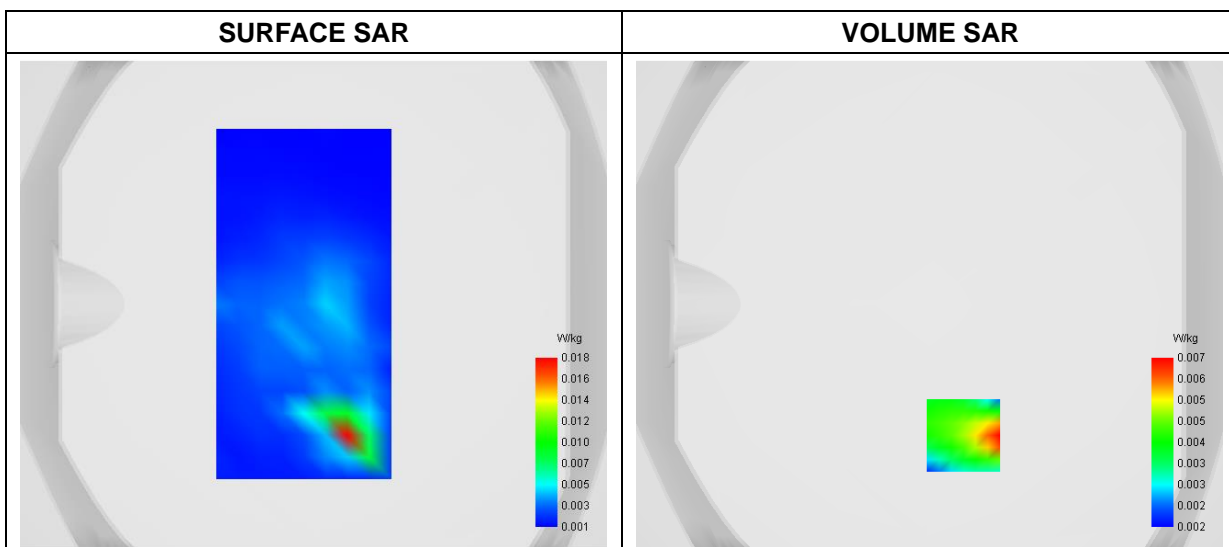
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n12
Channels	DFT-s-OFDM QPSK, 15MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	708.500000
Relative Permittivity (real part)	42.284295
Conductivity (S/m)	0.863565
Power Variation (%)	1.589412
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

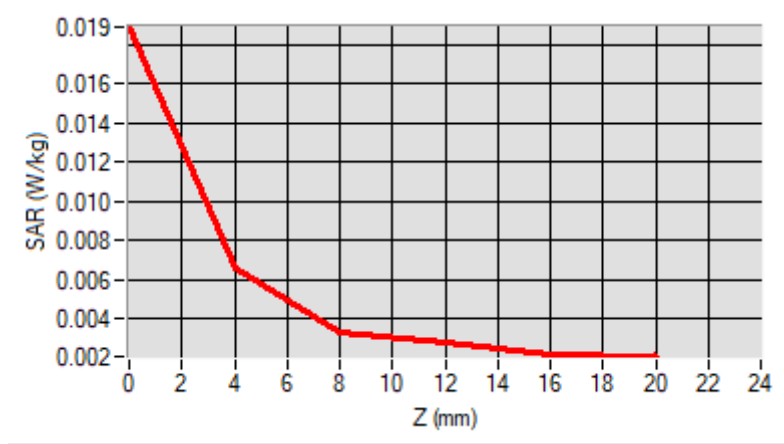


Maximum location: X=14.00, Y=-54.00
 D. SAR 1g & 10g

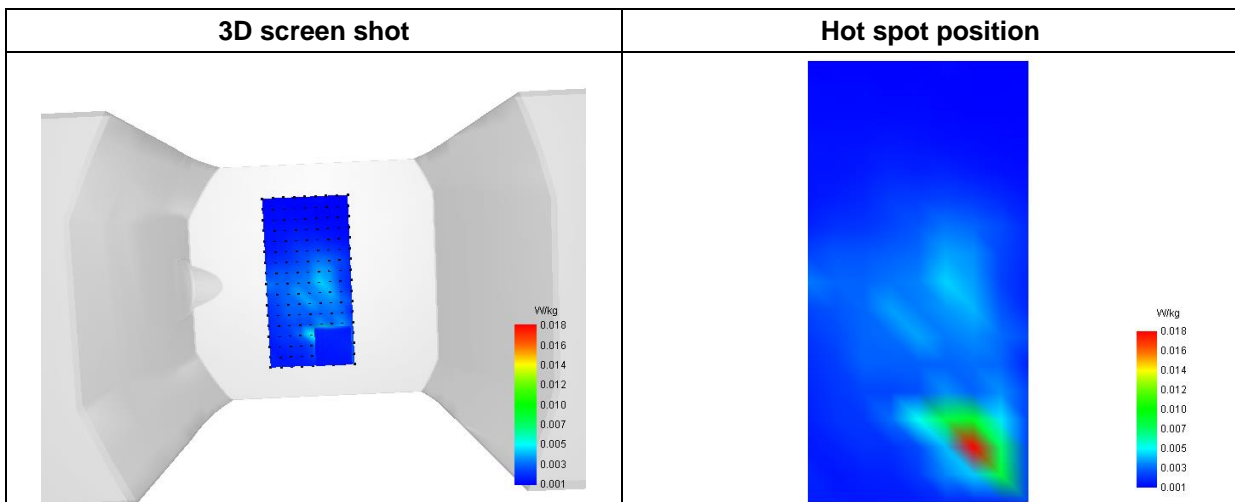
SAR 10g (W/Kg)	0.003536
SAR 1g (W/Kg)	0.005779

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0189	0.0066	0.0033	0.0028	0.0022



F. 3D Image



MEASUREMENT 27

Type: Measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

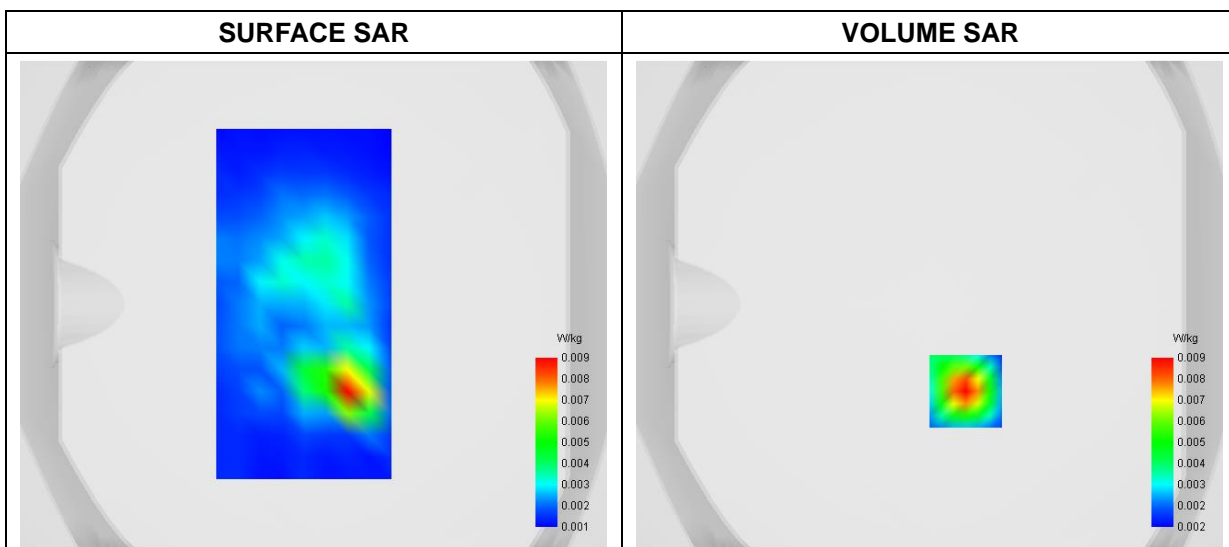
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n13
Channels	DFT-s-OFDM 16QAM, 10MHz, 1RB,Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	42.281412
Conductivity (S/m)	0.863301
Power Variation (%)	0.856123
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

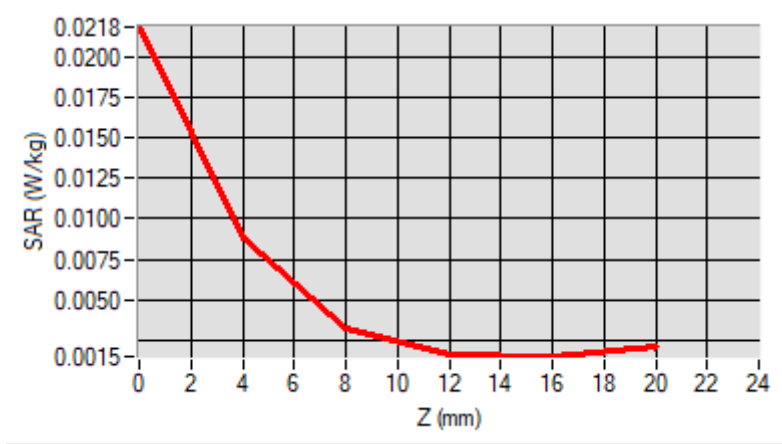


Maximum location: X=15.00, Y=-36.00
 D. SAR 1g & 10g

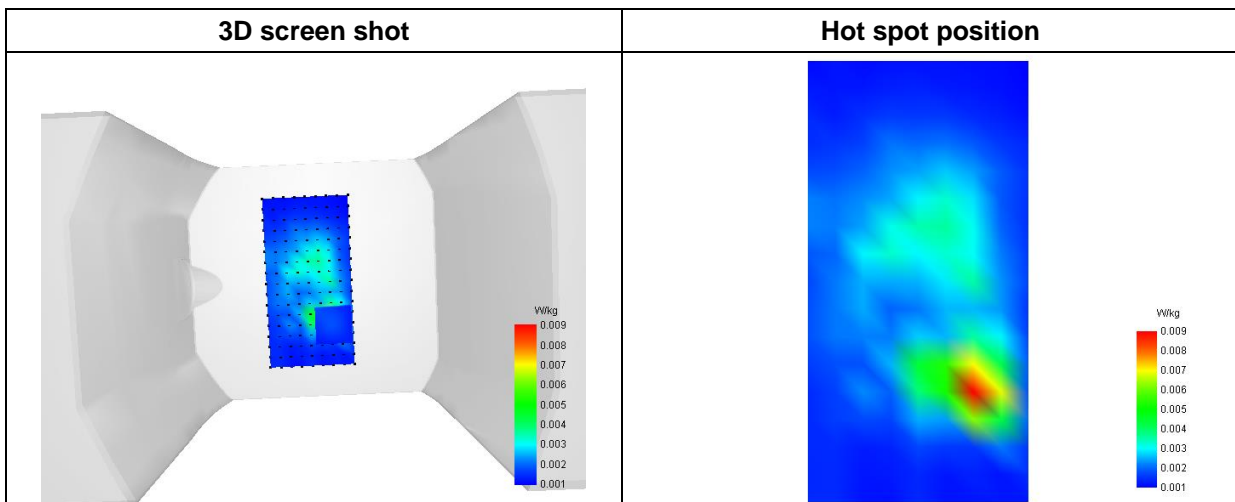
SAR 10g (W/Kg)	0.004145
SAR 1g (W/Kg)	0.008499

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0218	0.0089	0.0033	0.0016	0.0015



F. 3D Image



MEASUREMENT 28

Type: Phone measurement (Complete)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.88; Calibrated: 2023-07-07

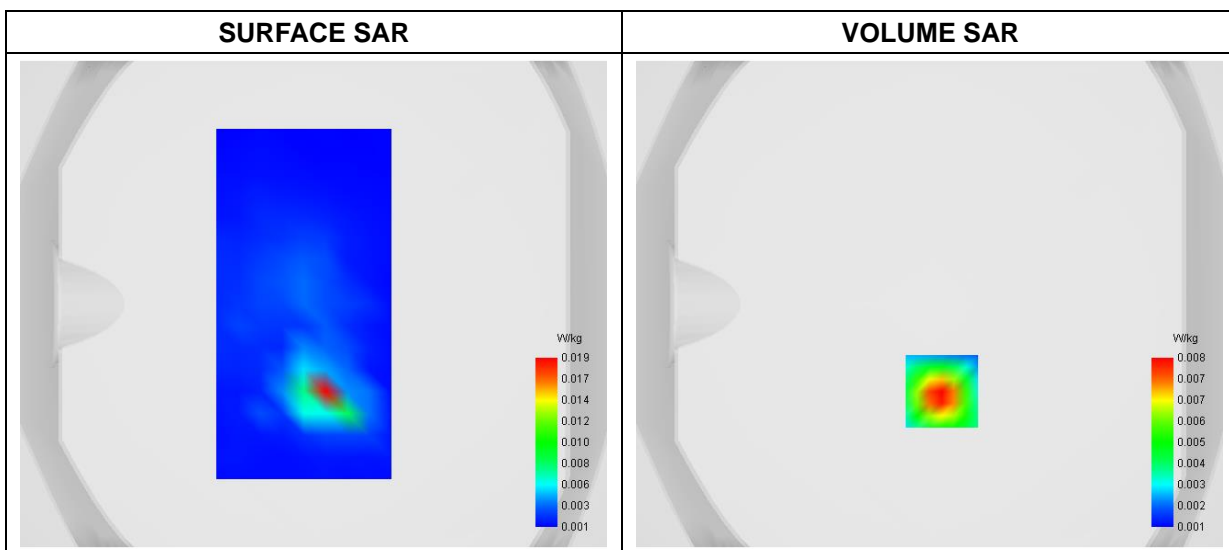
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n14
Channels	DFT-s-OFDM 16QAM, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	793.000000
Relative Permittivity (real part)	42.262631
Conductivity (S/m)	0.873625
Power Variation (%)	2.581900
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

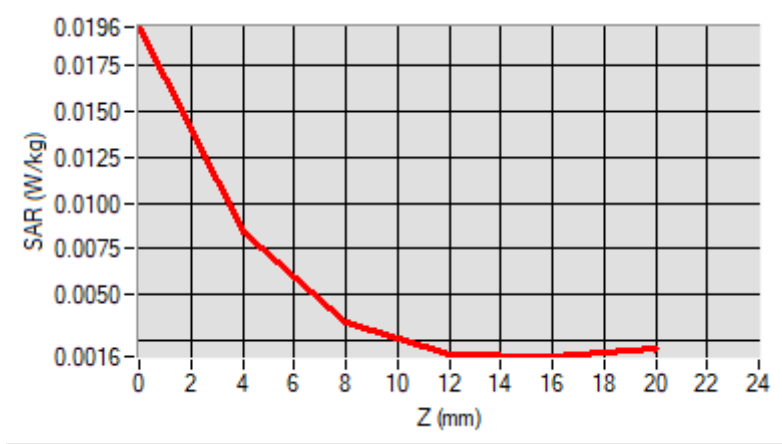


Maximum location: X=5.00, Y=-36.00
 D. SAR 1g & 10g

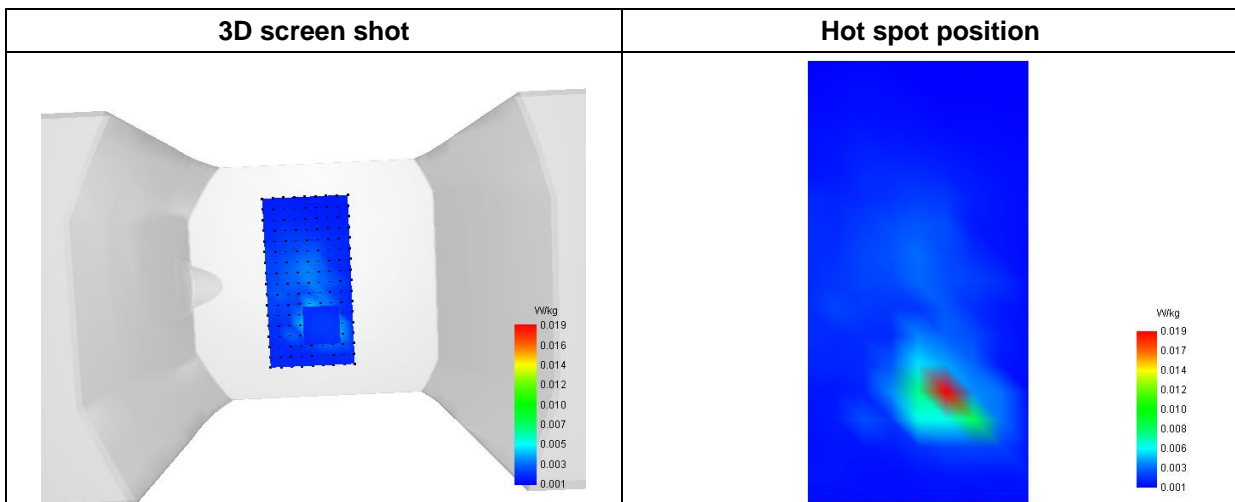
SAR 10g (W/Kg)	0.004089
SAR 1g (W/Kg)	0.008283

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0196	0.0084	0.0035	0.0018	0.0016



F. 3D Image



MEASUREMENT 29

Type: Phone measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

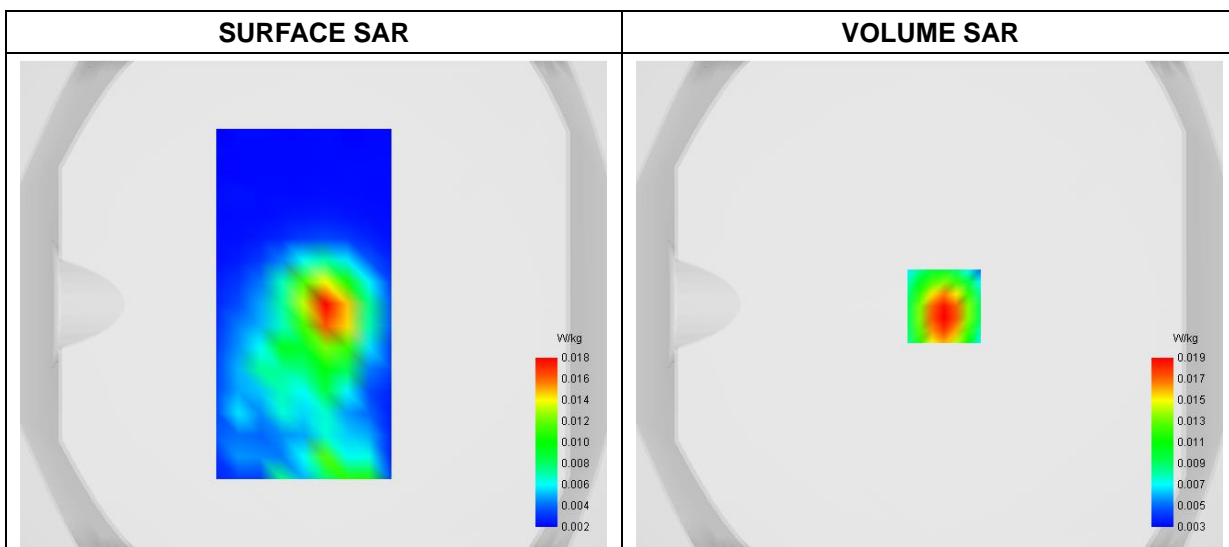
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n25
Channels	DFT-s-OFDM PI/2 BPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1905.000000
Relative Permittivity (real part)	39.541475
Conductivity (S/m)	1.371249
Power Variation (%)	1.581200
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



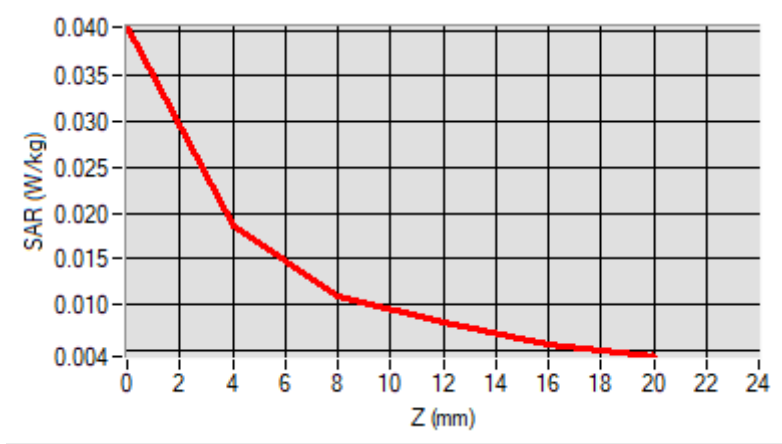
Maximum location: X=6.00, Y=-1.00

D. SAR 1g & 10g

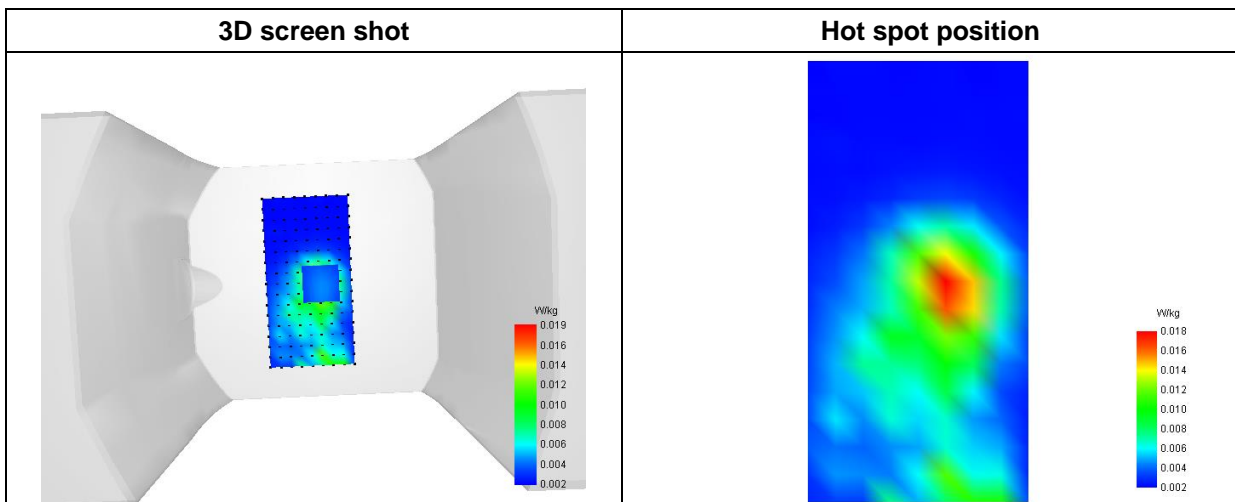
SAR 10g (W/Kg)	0.009866
SAR 1g (W/Kg)	0.017292

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0404	0.0186	0.0109	0.0080	0.0055



F. 3D Image



MEASUREMENT 30

Type: Phone measurement (Complete)

Date of measurement: 2024-03-25

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

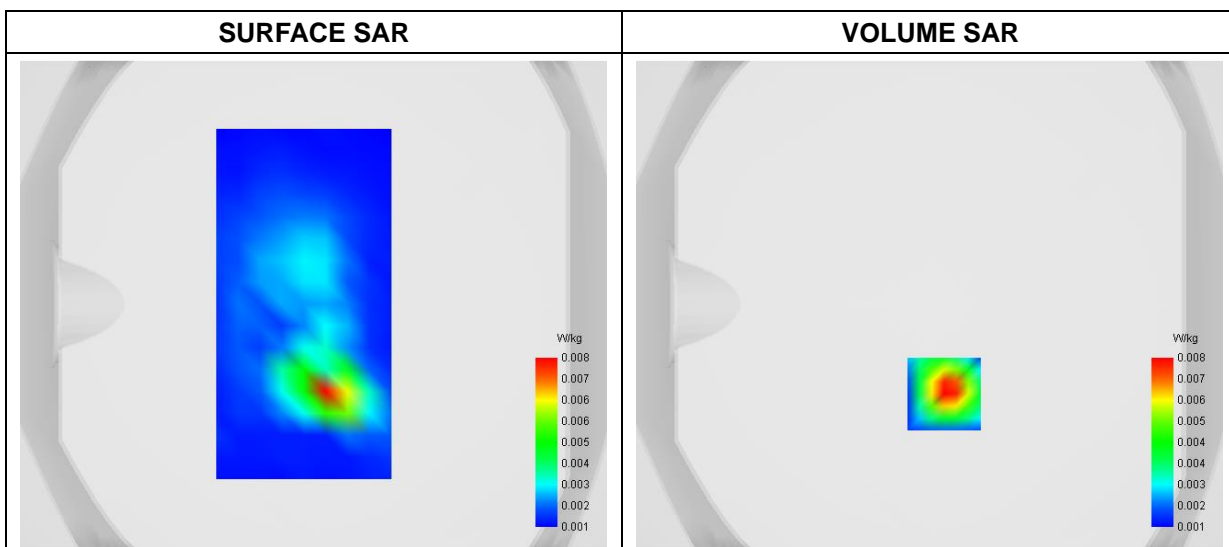
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n26(814-824MHz)
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	824.000000
Relative Permittivity (real part)	42.264295
Conductivity (S/m)	0.872706
Power Variation (%)	0.036344
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

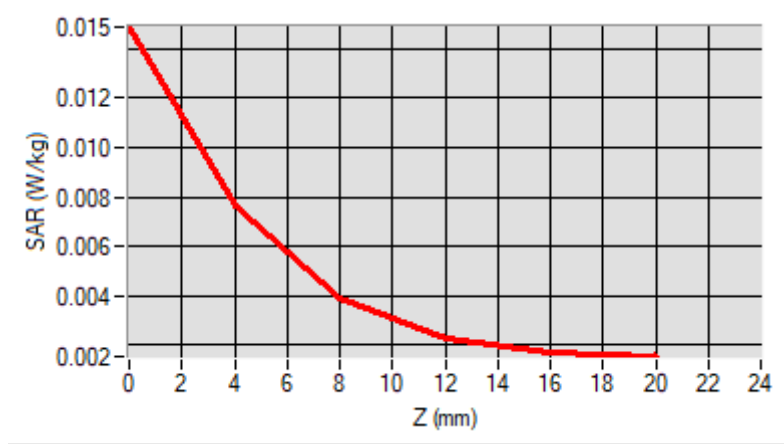


Maximum location: X=6.00, Y=-37.00
D. SAR 1g & 10g

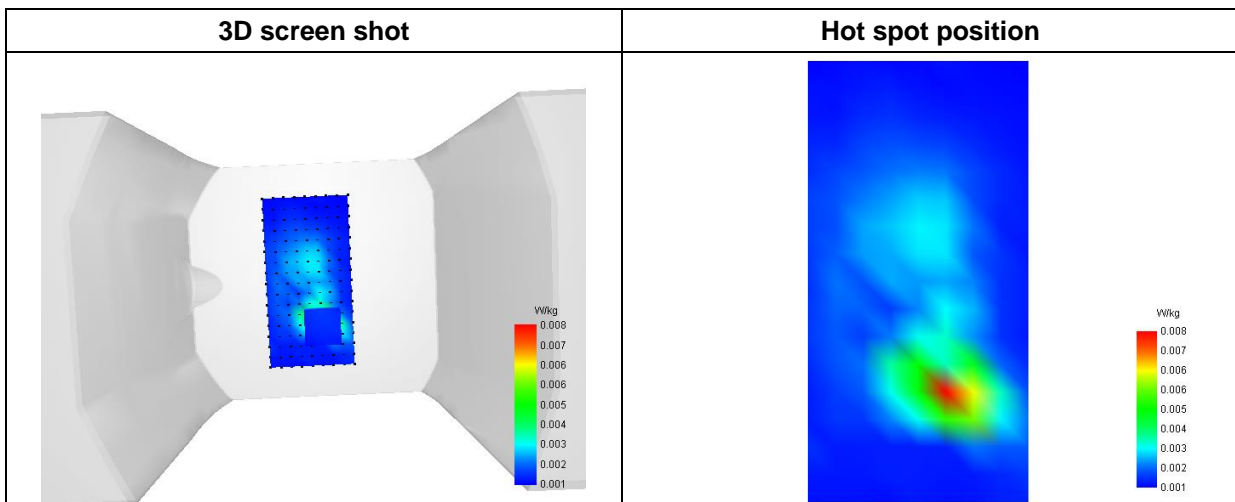
SAR 10g (W/Kg)	0.003693
SAR 1g (W/Kg)	0.007276

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0149	0.0076	0.0039	0.0022	0.0017



F. 3D Image



MEASUREMENT 31

Type: Phone measurement (Complete)

Date of measurement: 2024-03-14

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.34; Calibrated: 2023-07-07

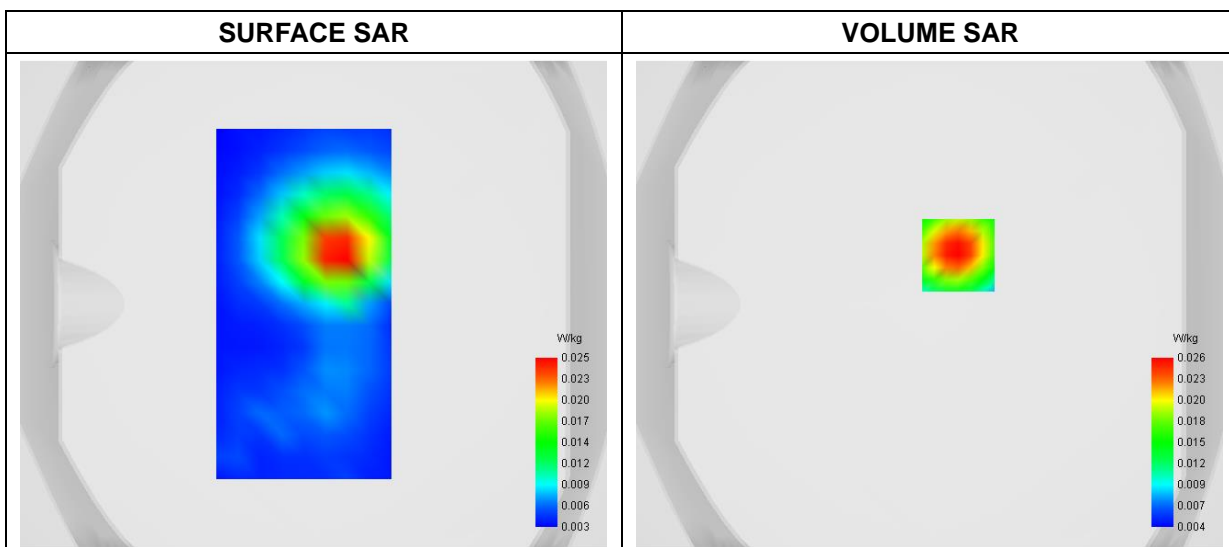
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n30
Channels	DFT-s-OFDM PI/2 BPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2310.000000
Relative Permittivity (real part)	39.121489
Conductivity (S/m)	1.652675
Power Variation (%)	0.030485
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

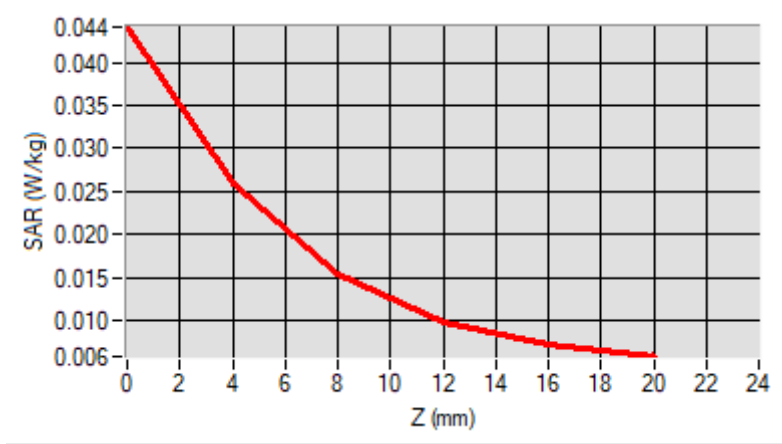


**Maximum location: X=12.00, Y=20.00
D. SAR 1g & 10g**

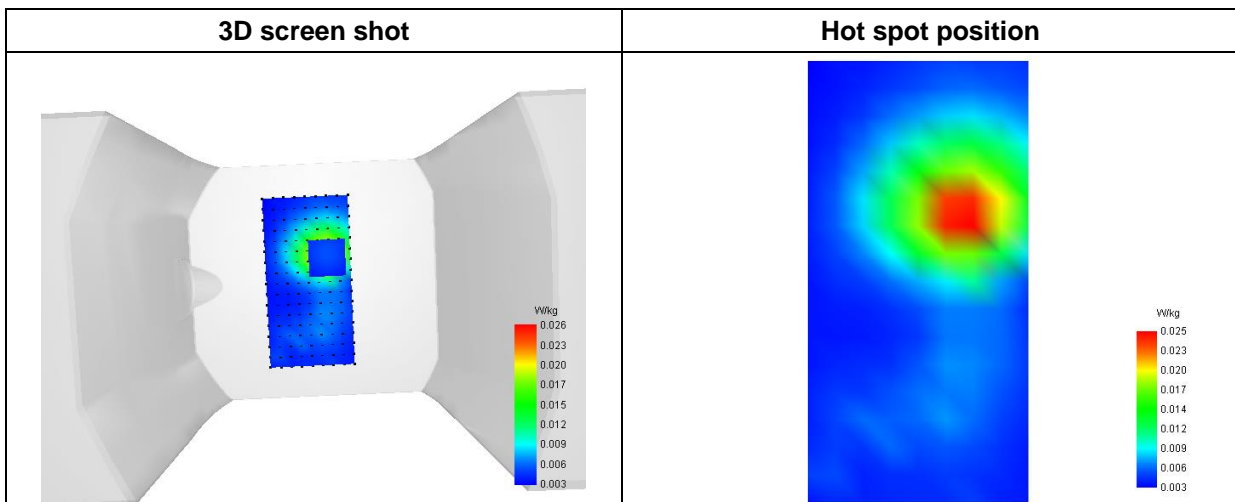
SAR 10g (W/Kg)	0.014020
SAR 1g (W/Kg)	0.024545

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0441	0.0258	0.0152	0.0097	0.0072



F. 3D Image



MEASUREMENT 32

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

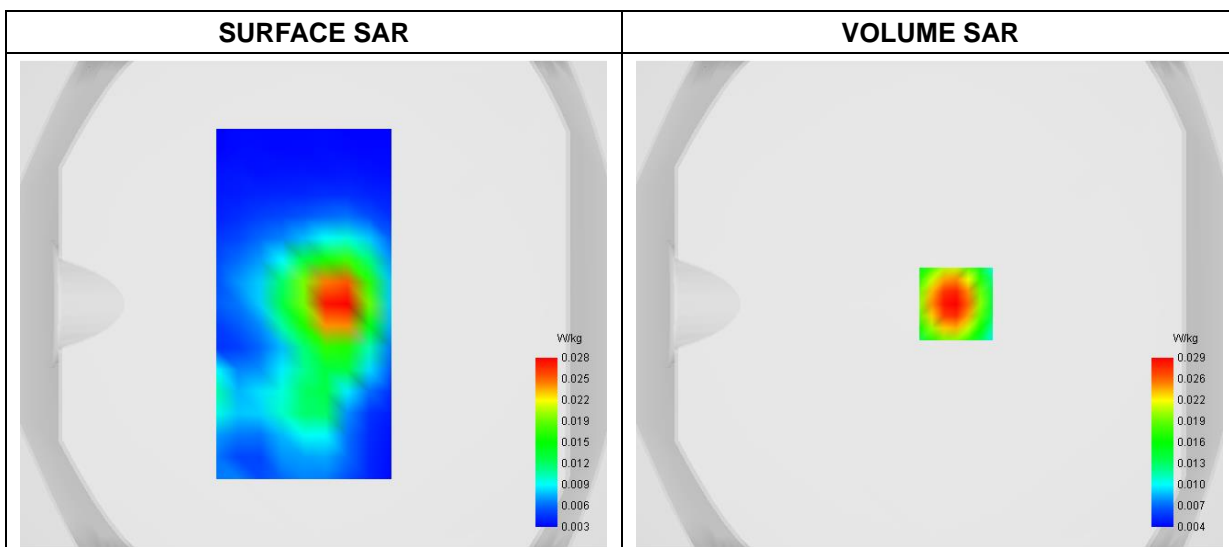
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n38
Channels	CP OFDM 16QAM, 40MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	38.873663
Conductivity (S/m)	1.933645
Power Variation (%)	1.658100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

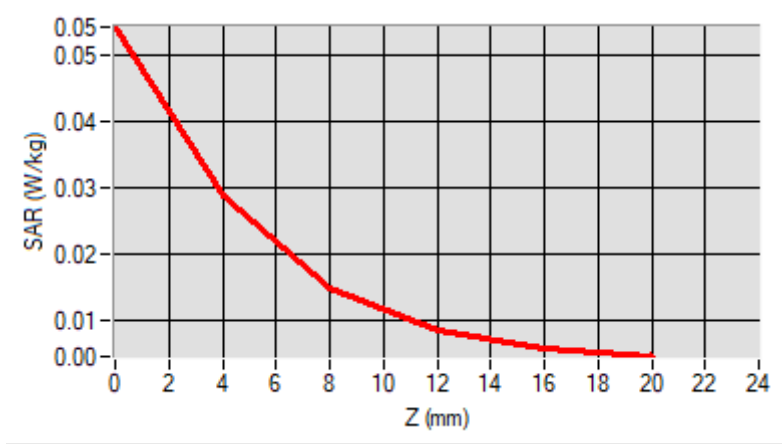


Maximum location: X=11.00, Y=0.00
 D. SAR 1g & 10g

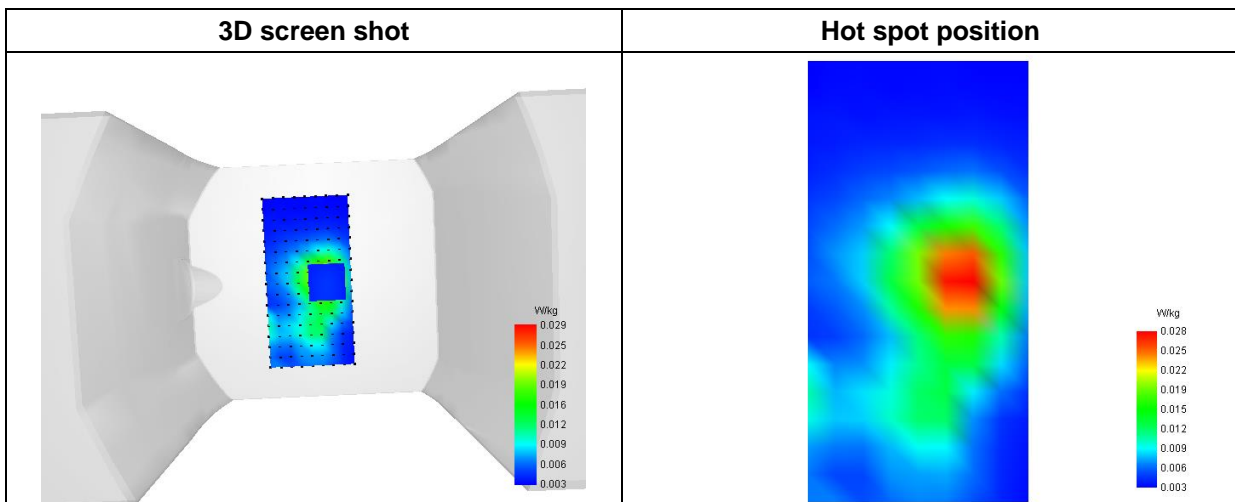
SAR 10g (W/Kg)	0.014372
SAR 1g (W/Kg)	0.027425

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0543	0.0287	0.0149	0.0084	0.0058



F. 3D Image



MEASUREMENT 33

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

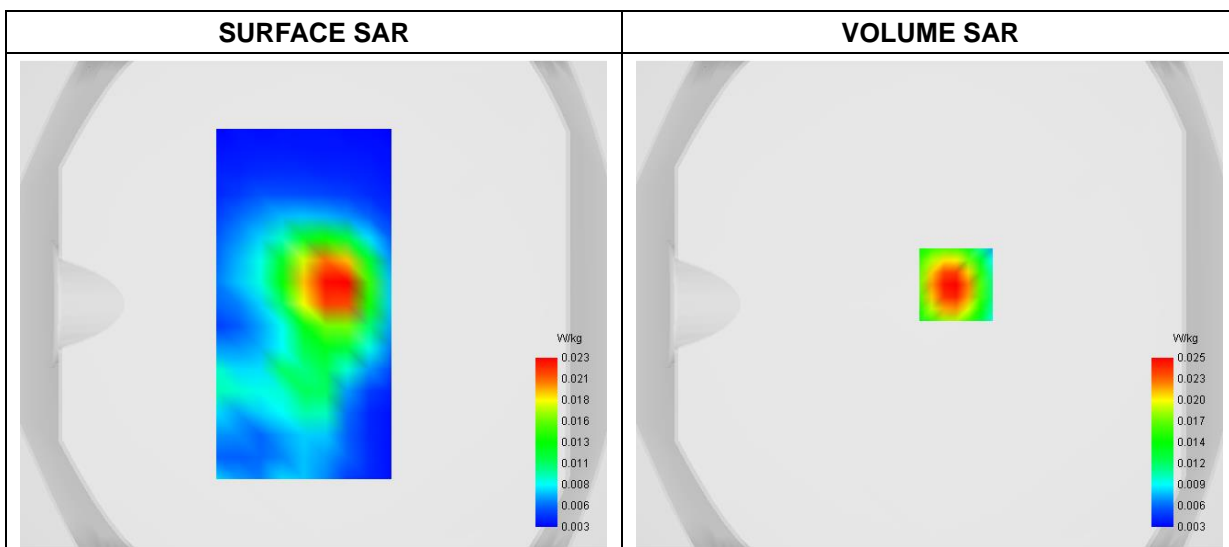
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n41
Channels	CP OFDM QPSK, 100MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2640.000000
Relative Permittivity (real part)	38.873863
Conductivity (S/m)	1.933625
Power Variation (%)	1.866100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

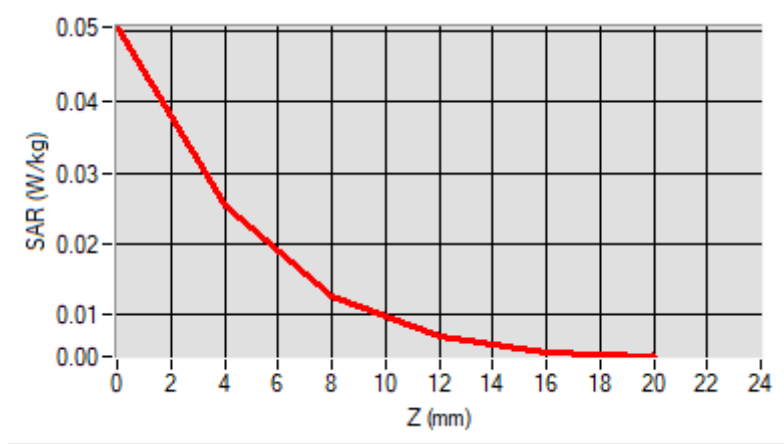


**Maximum location: X=11.00, Y=8.00
D. SAR 1g & 10g**

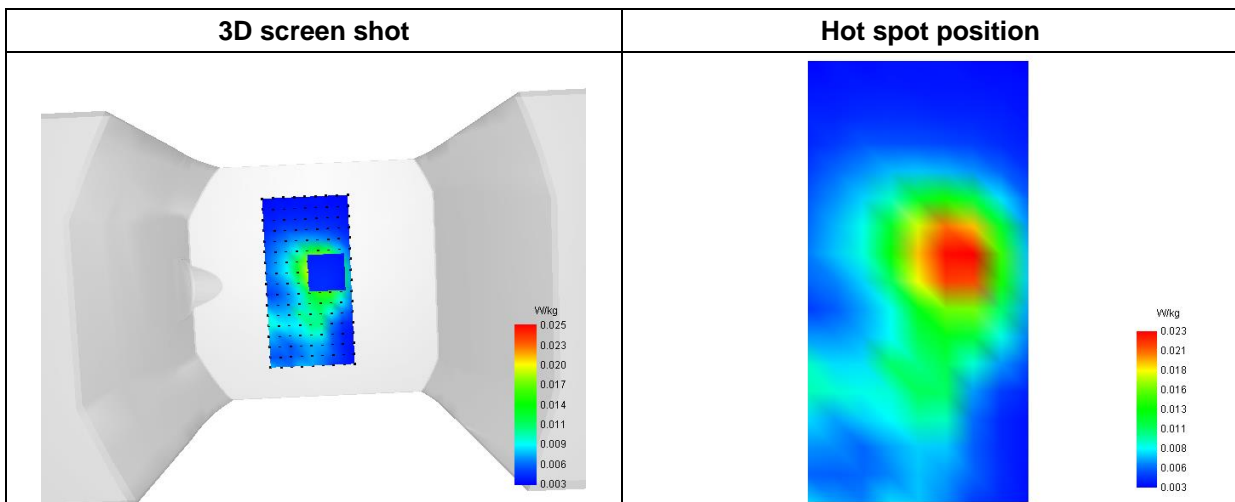
SAR 10g (W/Kg)	0.012715
SAR 1g (W/Kg)	0.024424

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0506	0.0255	0.0125	0.0069	0.0048



F. 3D Image



MEASUREMENT 34

Type: Measurement (Complete)

Date of measurement: 2024-03-20

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2023-07-07

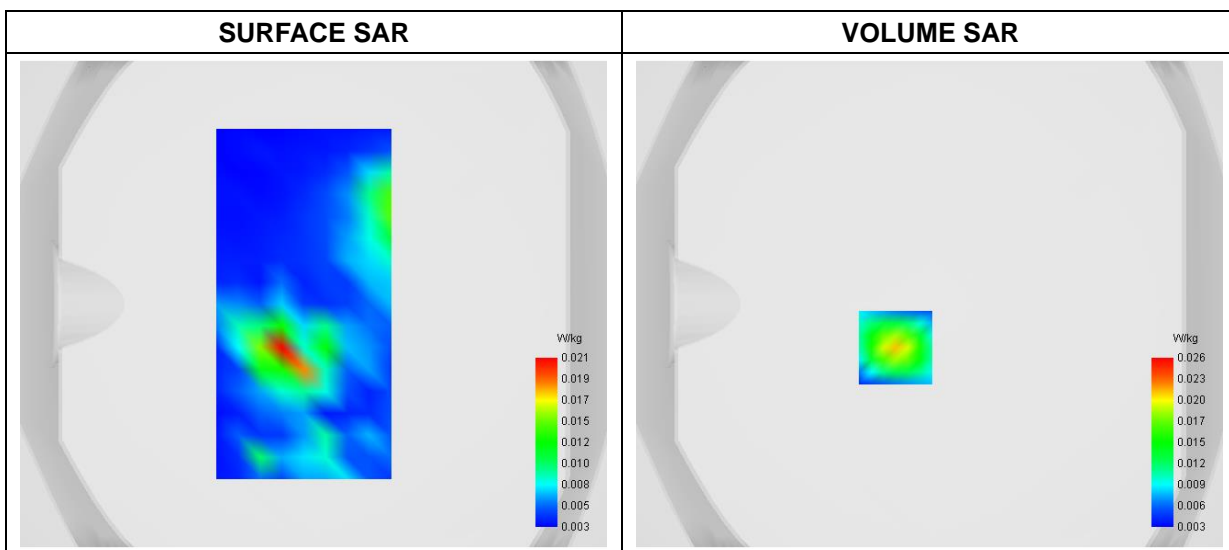
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n48
Channels	DFT-s OFDM QPSK, 40MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3570.000000
Relative Permittivity (real part)	36.423328
Conductivity (S/m)	3.043518
Power Variation (%)	1.628100
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



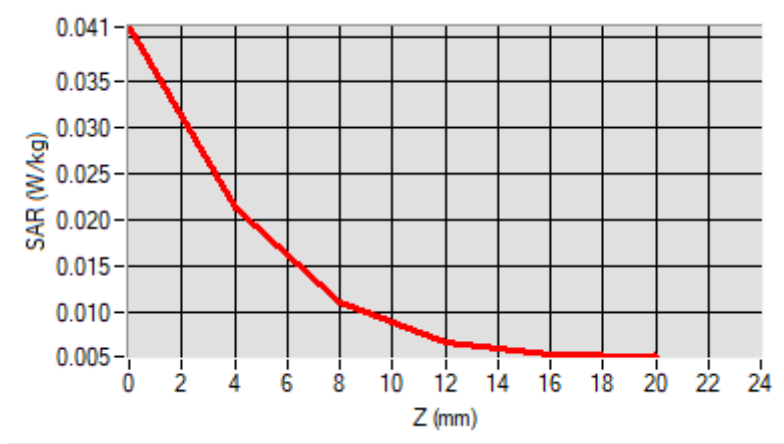
Maximum location: X=-14.00, Y=-18.00

D. SAR 1g & 10g

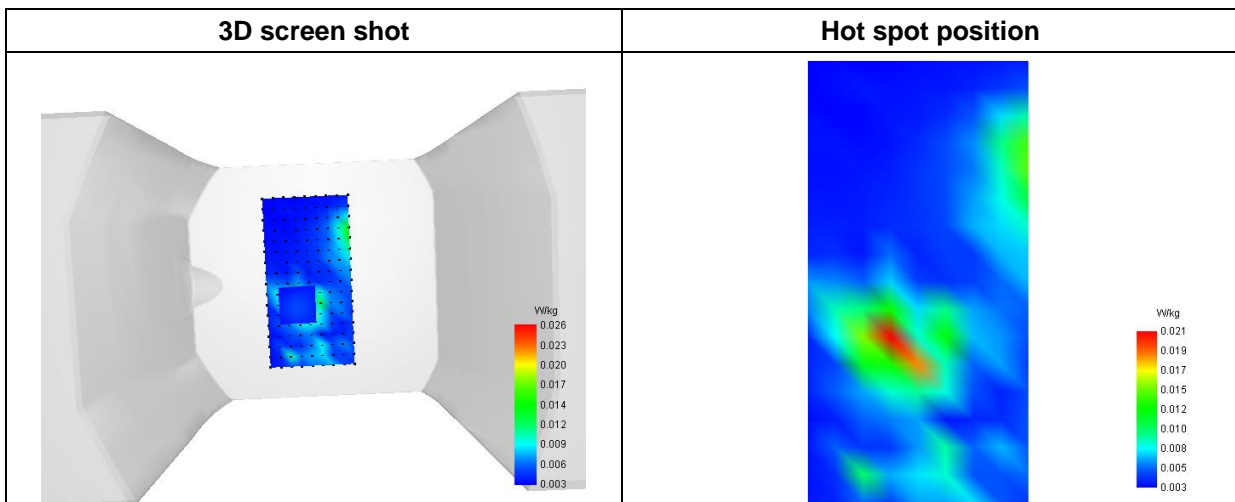
SAR 10g (W/Kg)	0.011819
SAR 1g (W/Kg)	0.021626

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0410	0.0213	0.0111	0.0067	0.0054



F. 3D Image



MEASUREMENT 35

Type: Phone measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

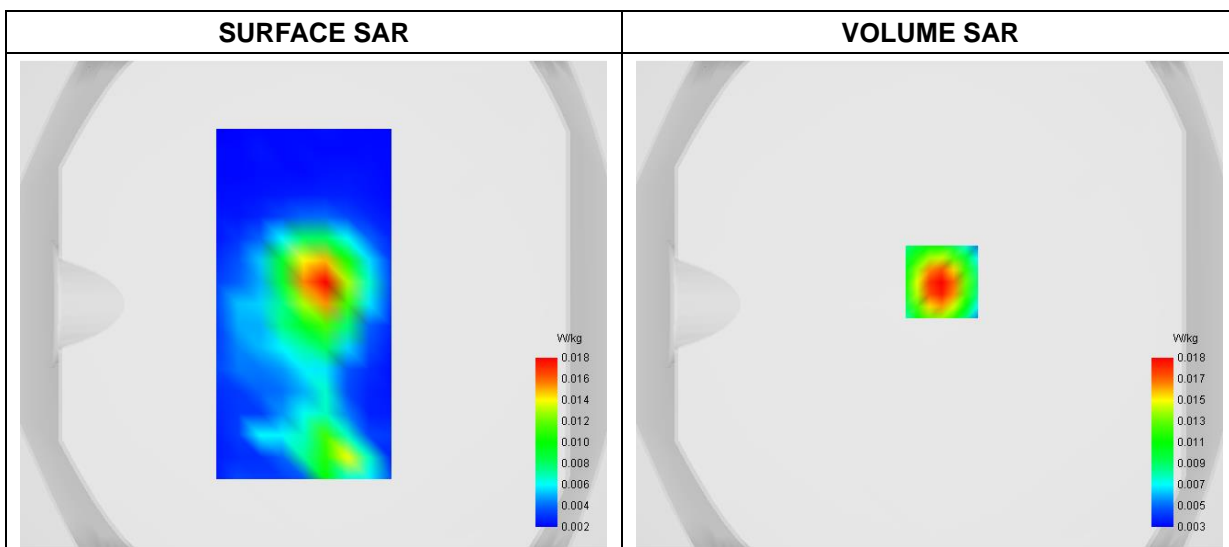
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n66
Channels	DFT-s-OFDM QPSK, 40MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1760.000000
Relative Permittivity (real part)	39.541489
Conductivity (S/m)	1.372508
Power Variation (%)	0.851800
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume



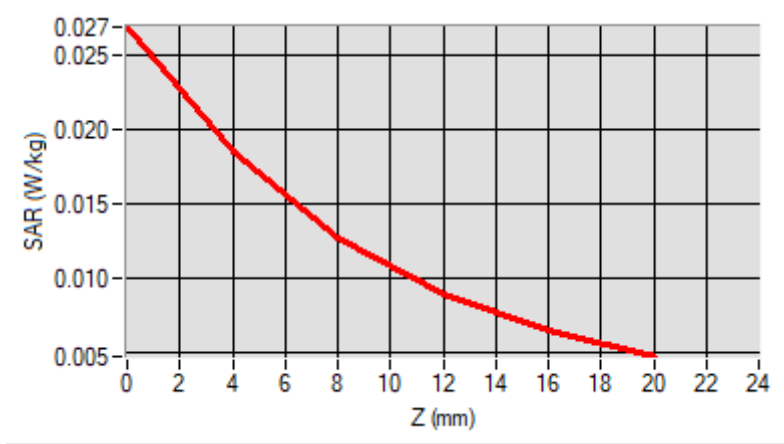
Maximum location: X=5.00, Y=9.00

D. SAR 1g & 10g

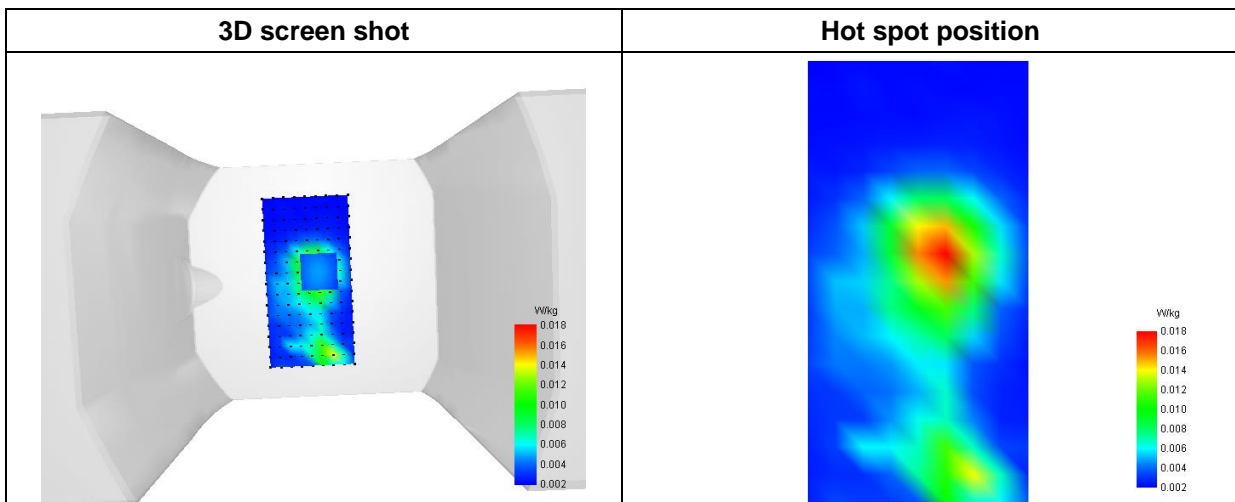
SAR 10g (W/Kg)	0.010134
SAR 1g (W/Kg)	0.017027

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0269	0.0185	0.0127	0.0089	0.0065



F. 3D Image



MEASUREMENT 36

Type: Phone measurement (Complete)

Date of measurement: 2024-03-27

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2023-07-07

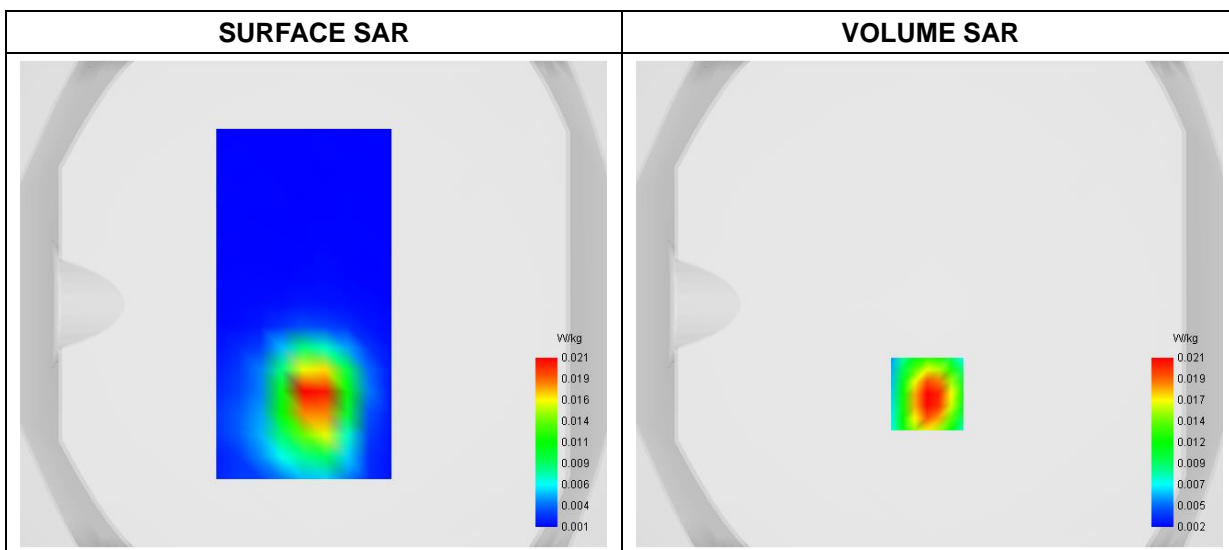
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n71
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	688.000000
Relative Permittivity (real part)	42.284951
Conductivity (S/m)	0.863071
Power Variation (%)	-0.854900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

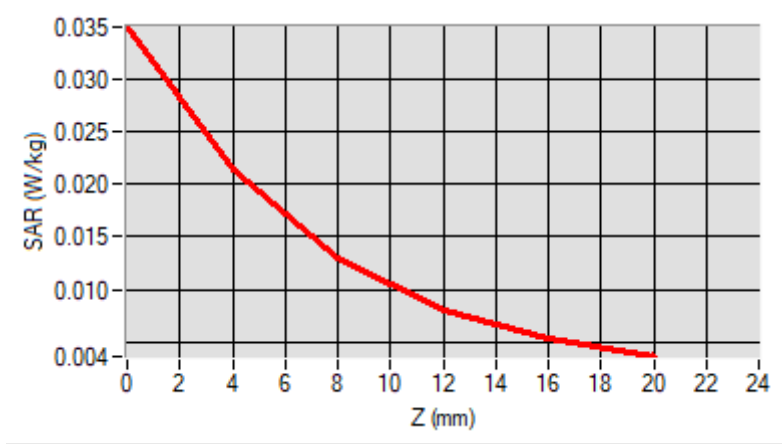


Maximum location: X=-1.00, Y=-37.00
 D. SAR 1g & 10g

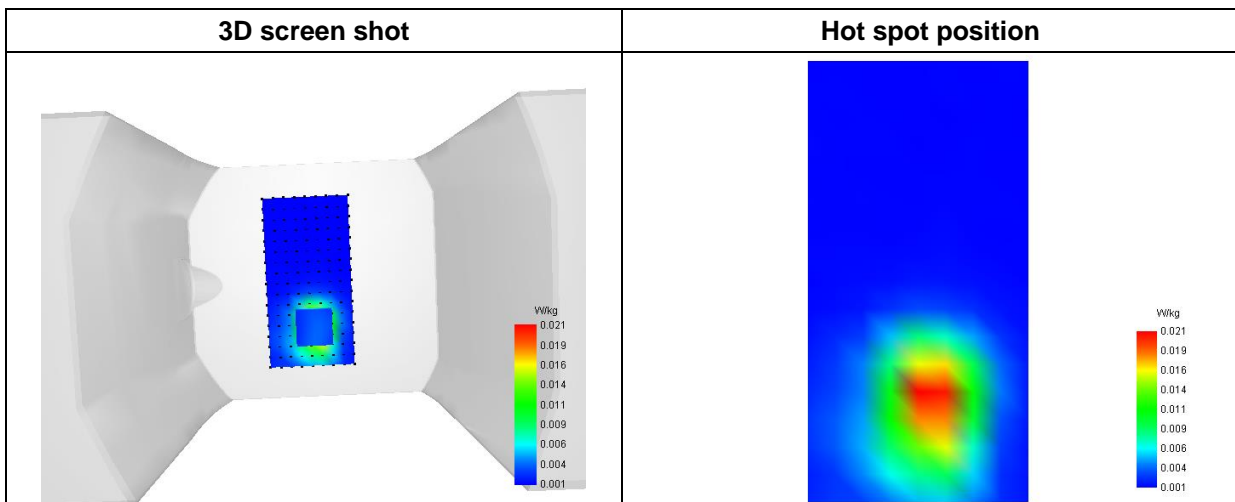
SAR 10g (W/Kg)	0.010627
SAR 1g (W/Kg)	0.019969

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0349	0.0214	0.0130	0.0081	0.0054



F. 3D Image



MEASUREMENT 37

Type: Phone measurement (Complete)

Date of measurement: 2024-03-20

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2023-07-07

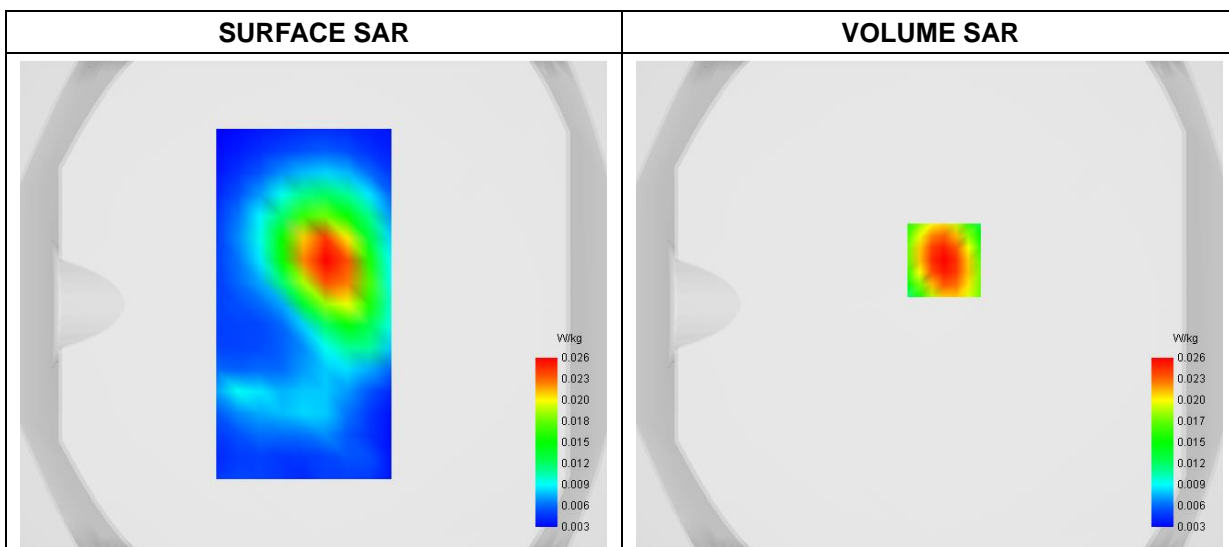
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n77/n78_3450-3550MHz
Channels	DFT-s-OFDM 64QAM, 100MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3500.010000
Relative Permittivity (real part)	36.424129
Conductivity (S/m)	3.043701
Power Variation (%)	2.179400
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



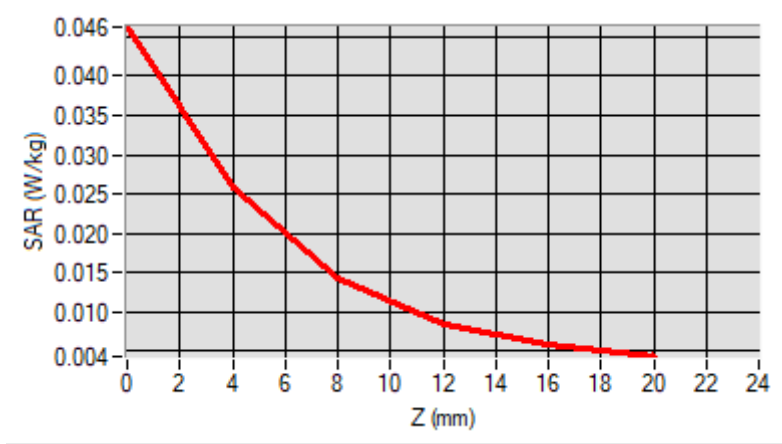
Maximum location: X=6.00, Y=18.00

D. SAR 1g & 10g

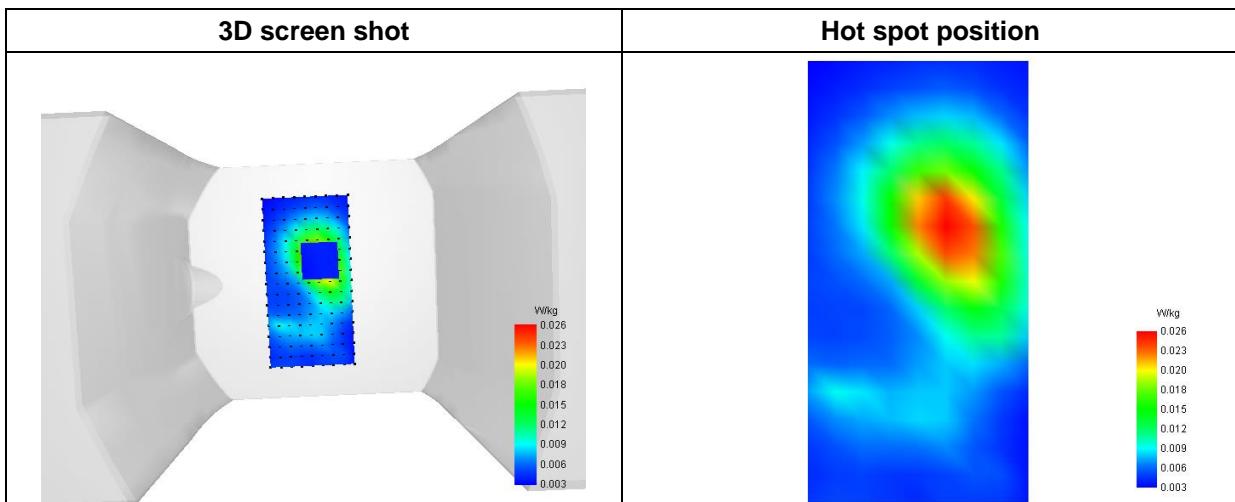
SAR 10g (W/Kg)	0.013513
SAR 1g (W/Kg)	0.024480

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0463	0.0258	0.0142	0.0084	0.0057



F. 3D Image



MEASUREMENT 38

Type: Phone measurement (Complete)

Date of measurement: 2024-03-22

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.37; Calibrated: 2023-07-07

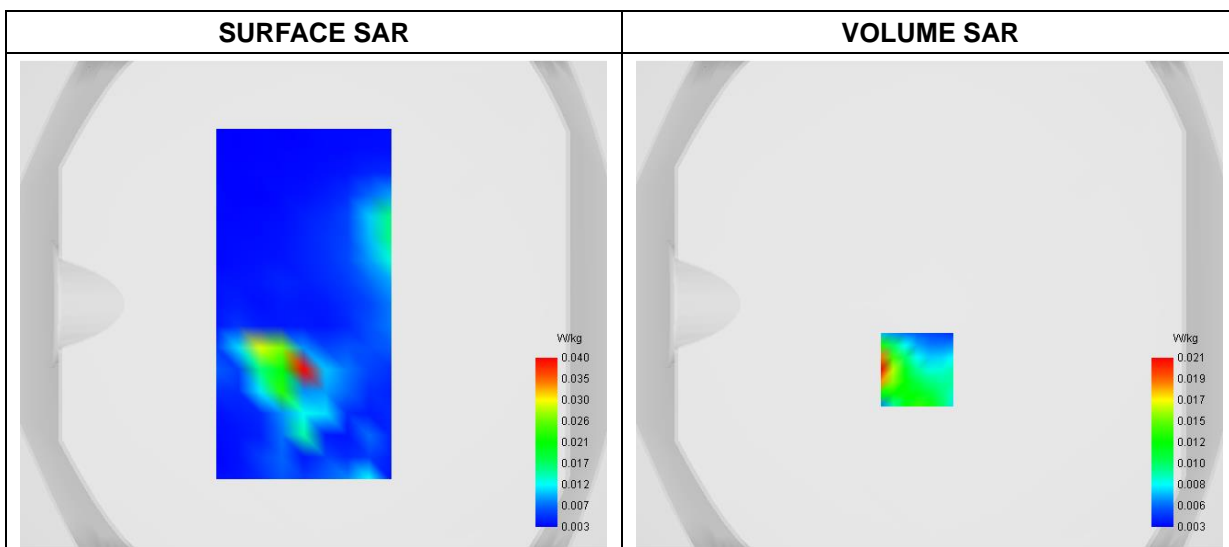
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n77/n78_3700-3980MHz
Channels	DFT-s-OFDM QPSK, 100MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3930.000000
Relative Permittivity (real part)	34.274129
Conductivity (S/m)	3.653701
Power Variation (%)	0.475600
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

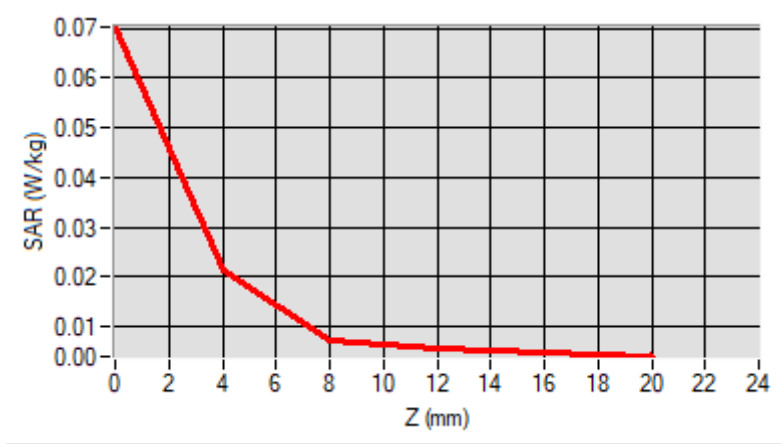


Maximum location: X=-5.00, Y=-27.00
 D. SAR 1g & 10g

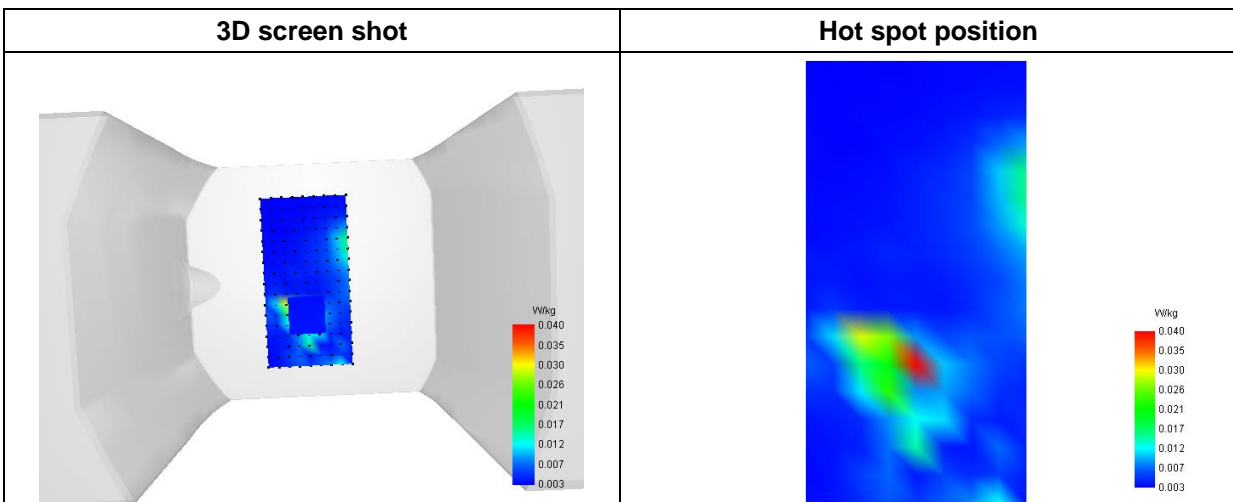
SAR 10g (W/Kg)	0.009486
SAR 1g (W/Kg)	0.015445

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0703	0.0213	0.0072	0.0056	0.0049



F. 3D Image



MEASUREMENT 39

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

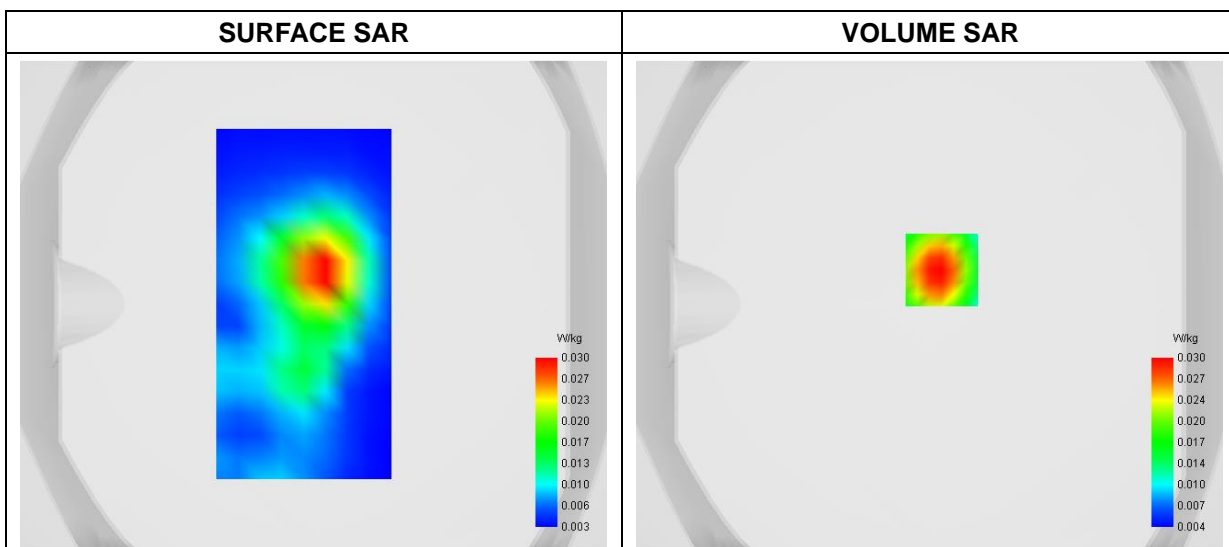
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n38_UL MIMO
Channels	CP OFDM QPSK, 40MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	38.873663
Conductivity (S/m)	1.933645
Power Variation (%)	0.457600
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



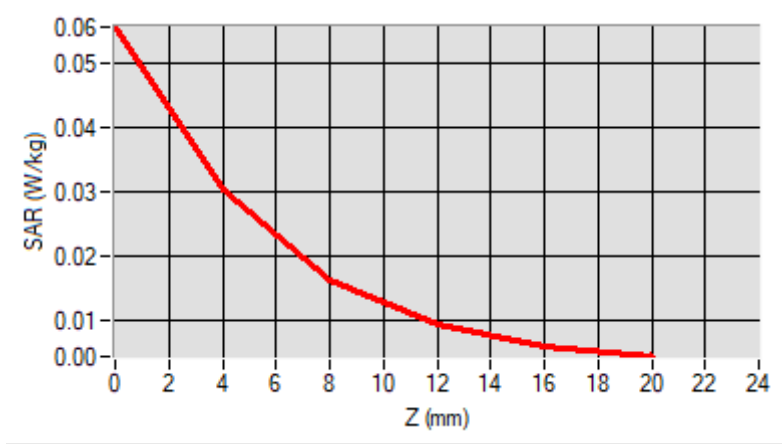
Maximum location: X=5.00, Y=14.00

D. SAR 1g & 10g

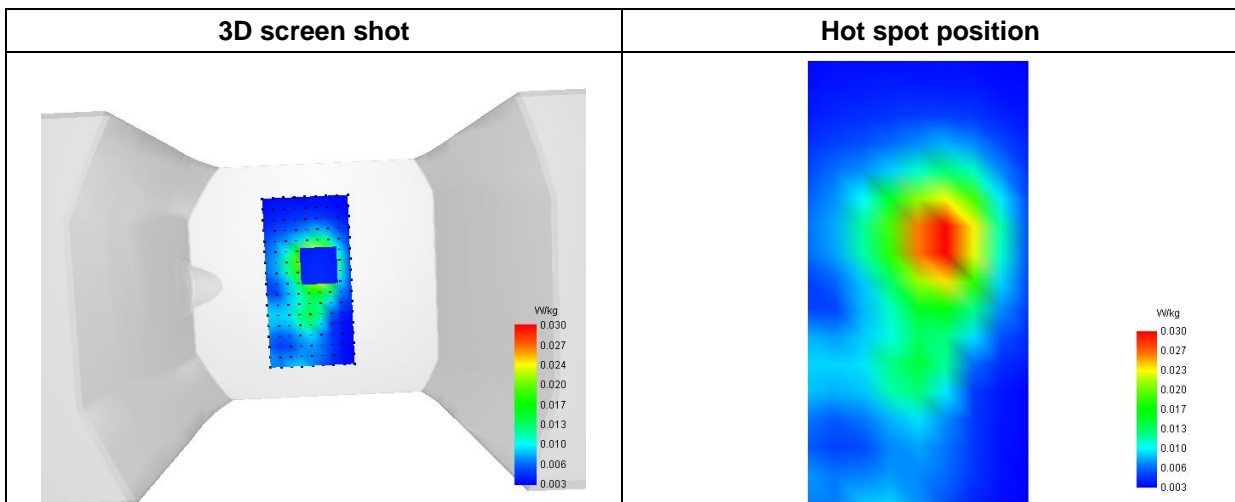
SAR 10g (W/Kg)	0.015193
SAR 1g (W/Kg)	0.028717

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0555	0.0304	0.0163	0.0093	0.0061



F. 3D Image



MEASUREMENT 40

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

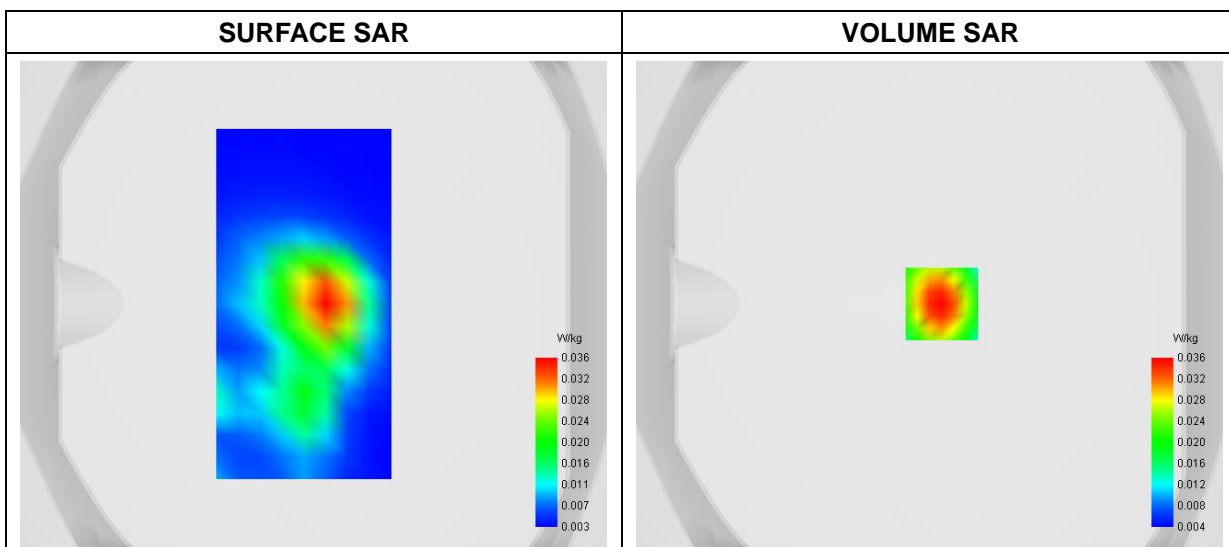
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n41_UL MIMO
Channels	CP OFDM 16QAM, 100MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2546.010000
Relative Permittivity (real part)	38.874129
Conductivity (S/m)	1.932659
Power Variation (%)	0.628800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

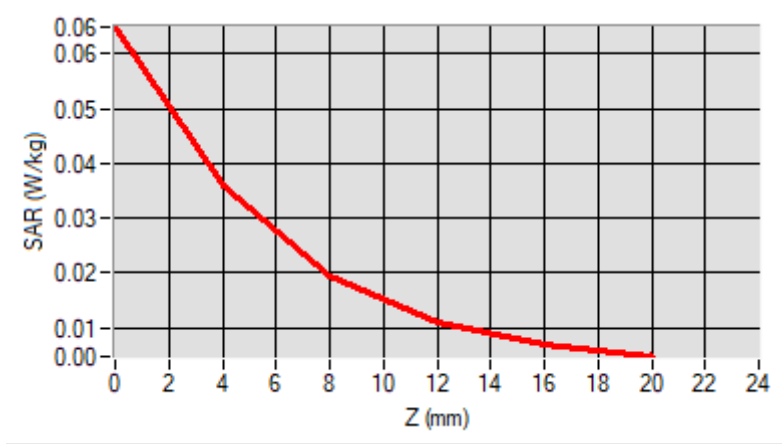


Maximum location: X=5.00, Y=0.00
 D. SAR 1g & 10g

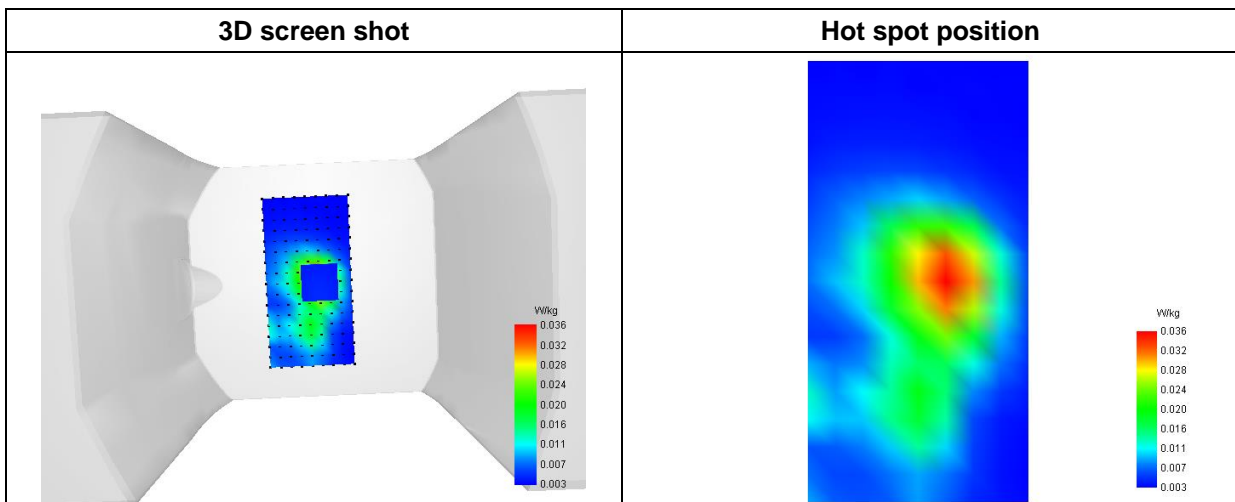
SAR 10g (W/Kg)	0.017719
SAR 1g (W/Kg)	0.033896

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0649	0.0360	0.0195	0.0111	0.0070



F. 3D Image



MEASUREMENT 41

Type: Phone measurement (Complete)

Date of measurement: 2024-03-21

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2023-07-07

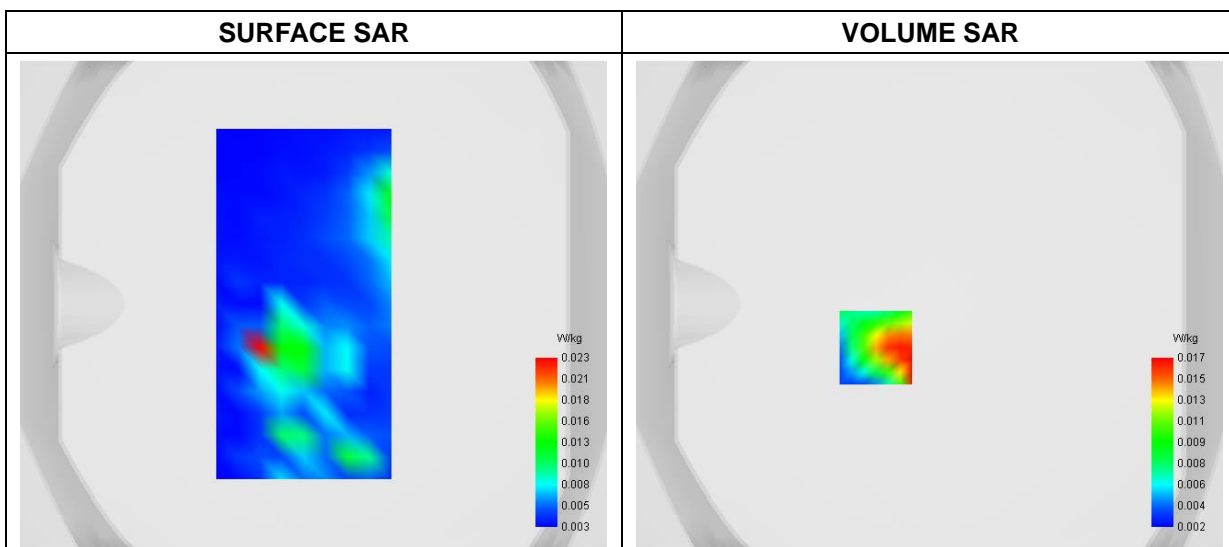
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n48_UL MIMO
Channels	CP OFDM QPSK, 40MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3624.990000
Relative Permittivity (real part)	35.124914
Conductivity (S/m)	3.332659
Power Variation (%)	0.236800
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



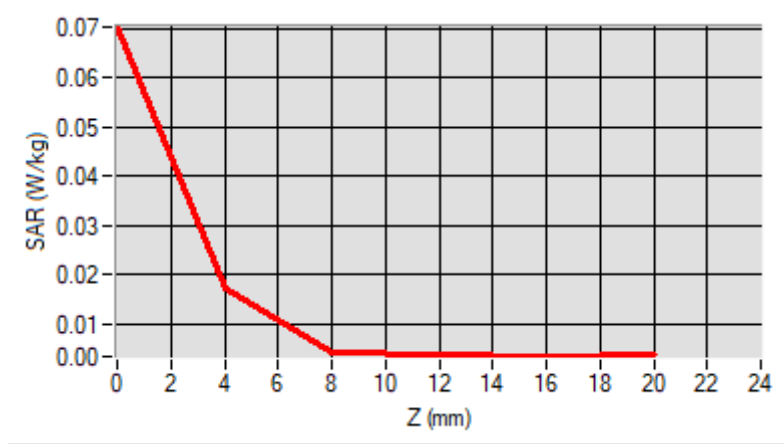
Maximum location: X=-22.00, Y=-18.00

D. SAR 1g & 10g

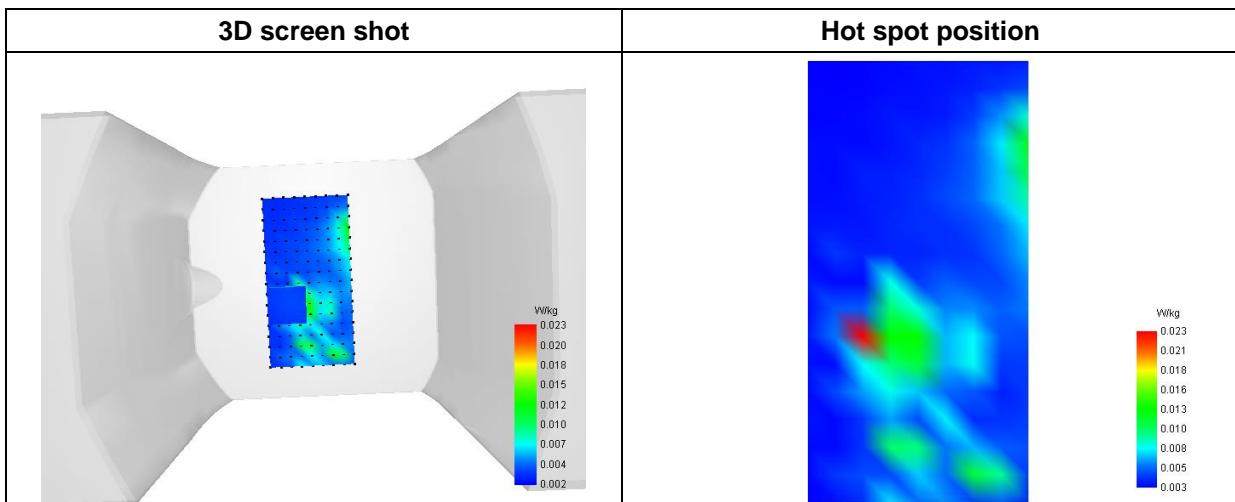
SAR 10g (W/Kg)	0.007987
SAR 1g (W/Kg)	0.016801

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0703	0.0171	0.0040	0.0037	0.0033



F. 3D Image



MEASUREMENT 42

Type: Phone measurement (Complete)

Date of measurement: 2024-03-20

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2023-07-07

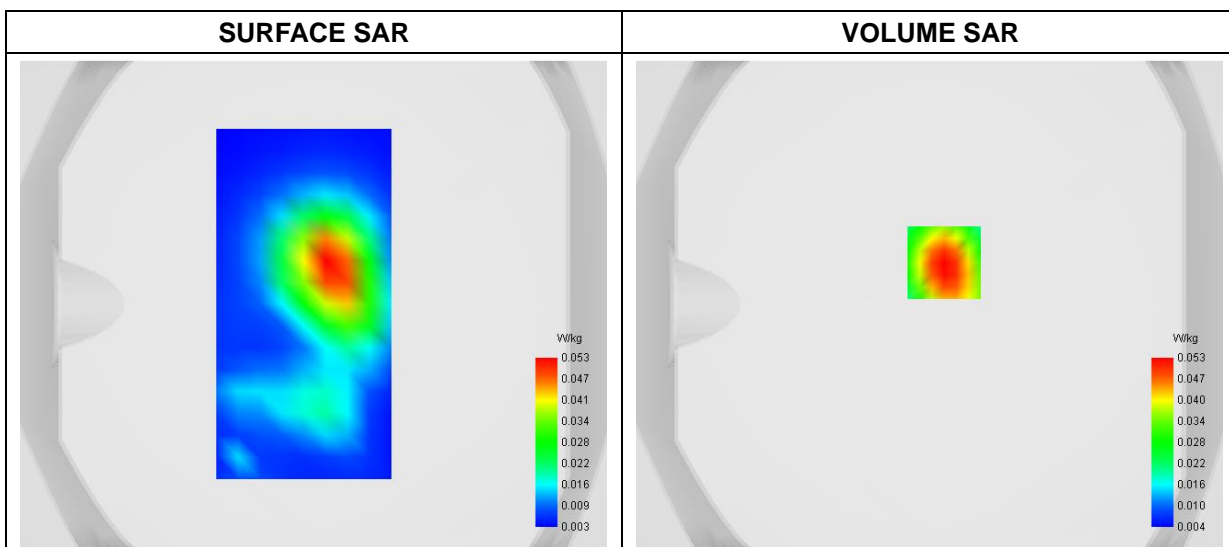
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR n77/n78_3450-3550MHz_UL MIMO
Channels	CP OFDM QPSK, 30MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3465.000000
Relative Permittivity (real part)	36.424129
Conductivity (S/m)	3.043701
Power Variation (%)	-0.817600
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



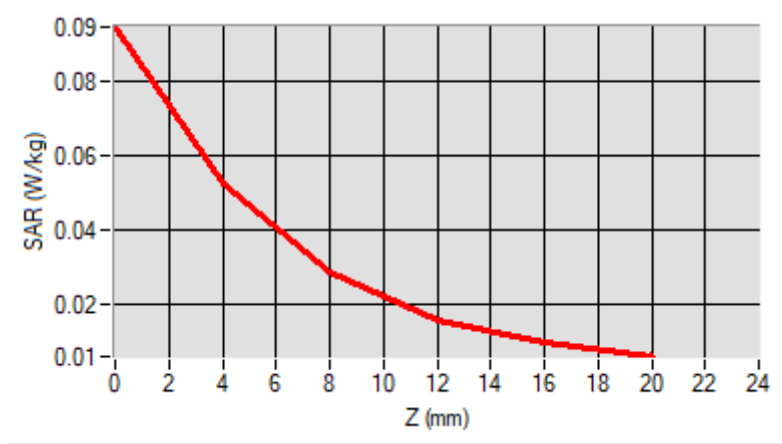
Maximum location: X=6.00, Y=17.00

D. SAR 1g & 10g

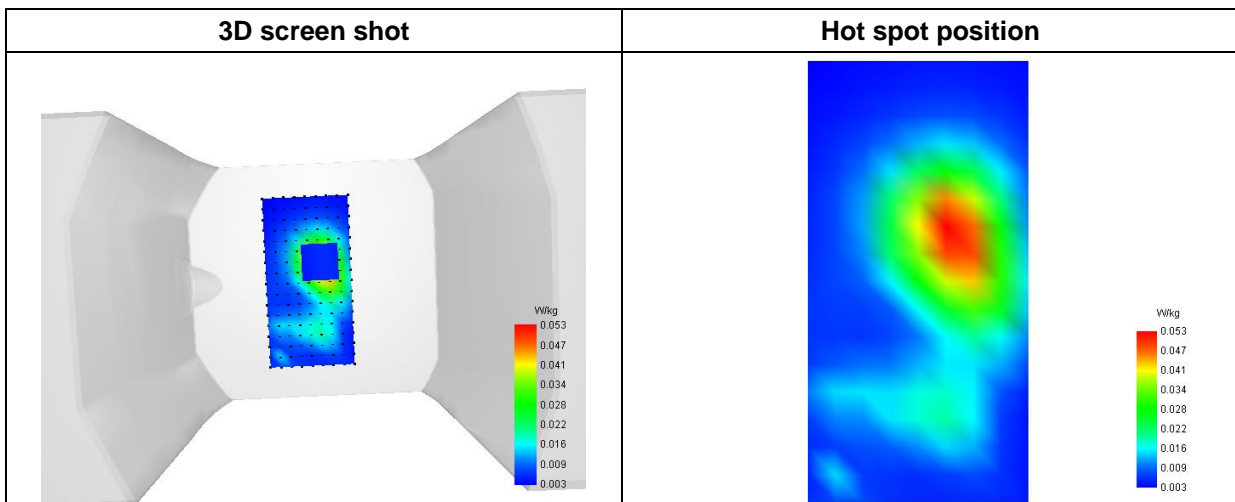
SAR 10g (W/Kg)	0.025691
SAR 1g (W/Kg)	0.049576

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0946	0.0526	0.0284	0.0157	0.0094



F. 3D Image



MEASUREMENT 43

Type: Phone measurement (Complete)

Date of measurement: 2024-03-22

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.37; Calibrated: 2023-07-07

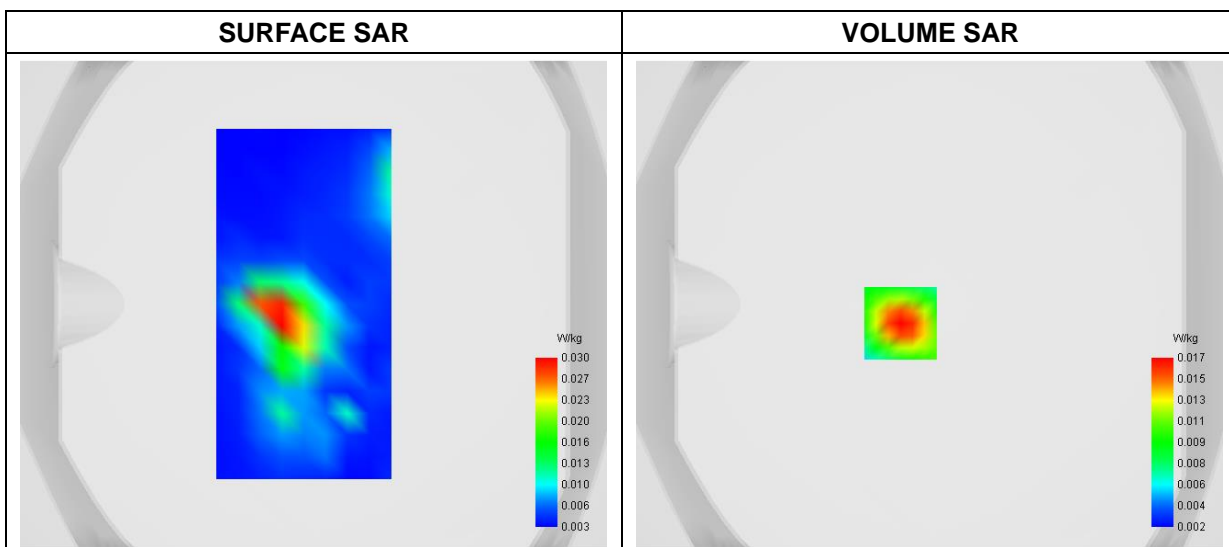
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR n77_3700-3980MHz_UL MIMO
Channels	CP OFDM 16QAM, 100MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3930.000000
Relative Permittivity (real part)	34.272541
Conductivity (S/m)	3.653747
Power Variation (%)	-0.886300
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

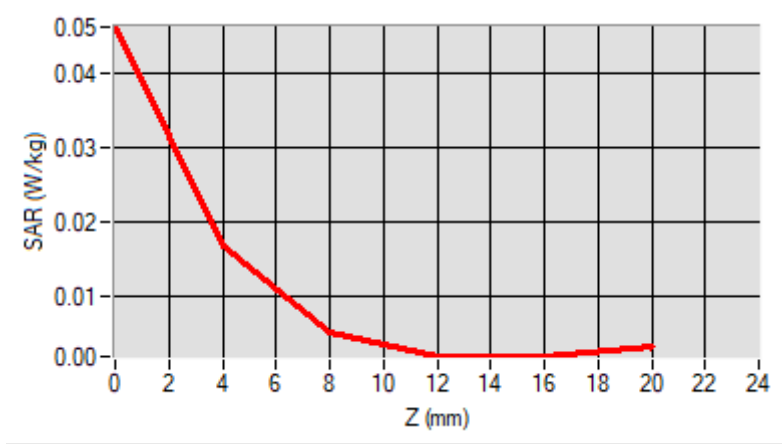


Maximum location: X=-12.00, Y=-8.00
 D. SAR 1g & 10g

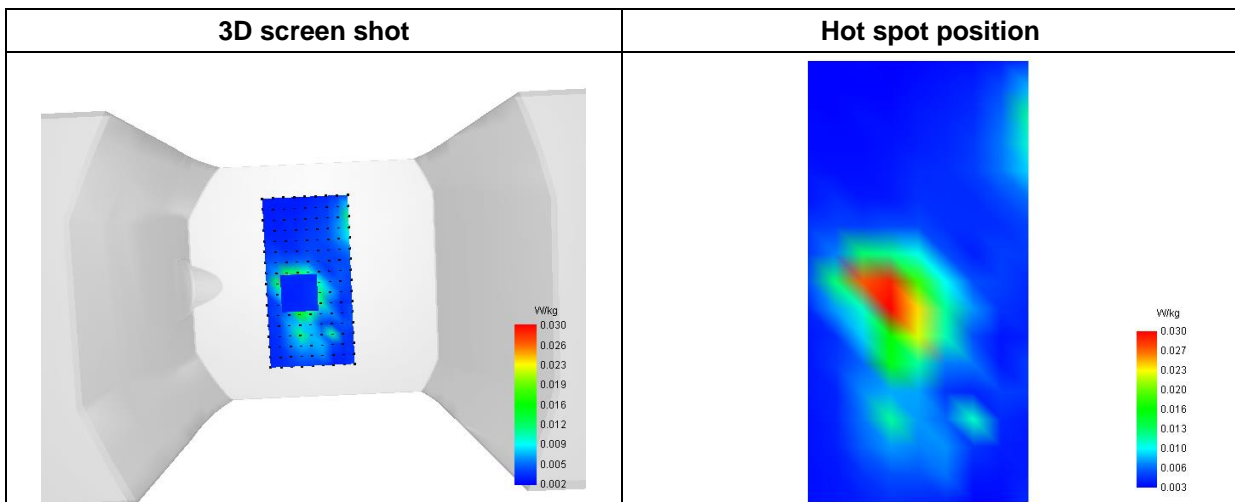
SAR 10g (W/Kg)	0.008500
SAR 1g (W/Kg)	0.017610

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0462	0.0168	0.0051	0.0020	0.0019



F. 3D Image



MEASUREMENT 44

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

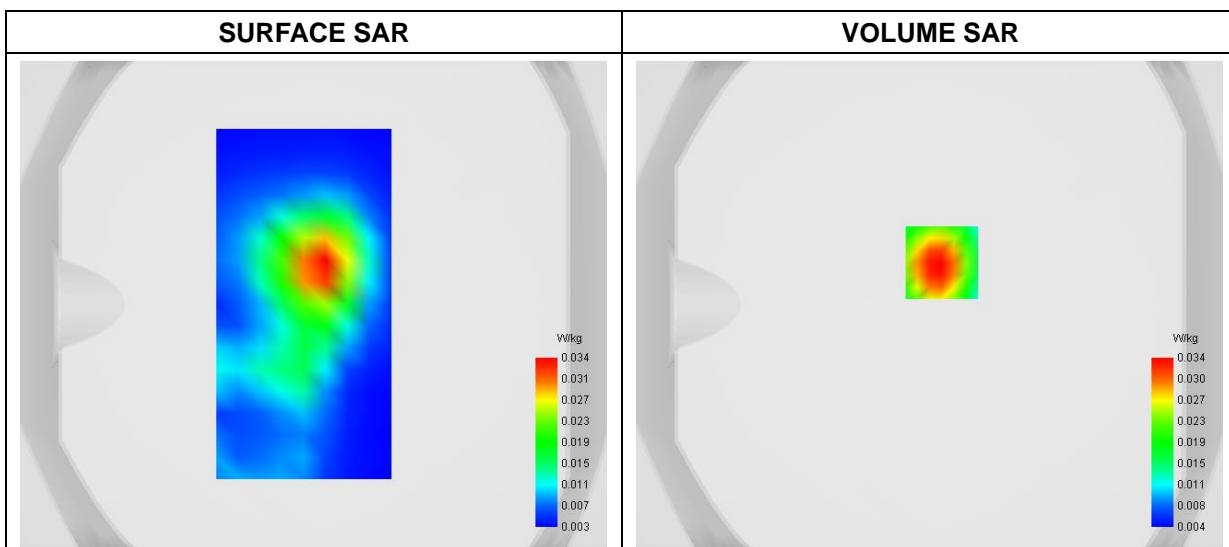
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n38_HPUE
Channels	DFT-s OFDM 16QAM, 40MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2590.000000
Relative Permittivity (real part)	38.871835
Conductivity (S/m)	1.934129
Power Variation (%)	3.219600
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



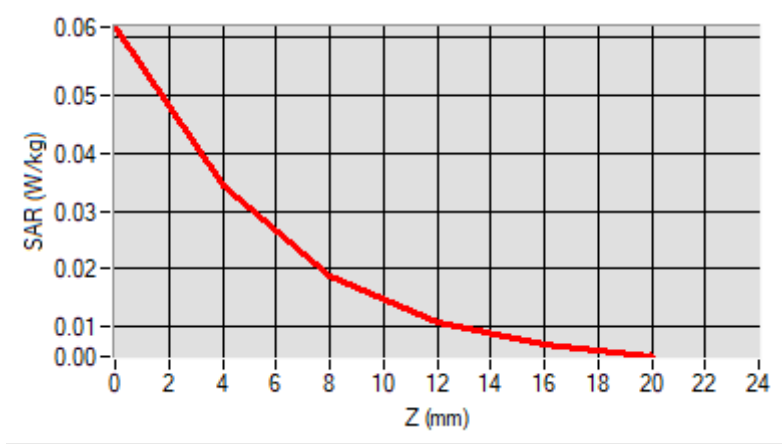
Maximum location: X=5.00, Y=17.00

D. SAR 1g & 10g

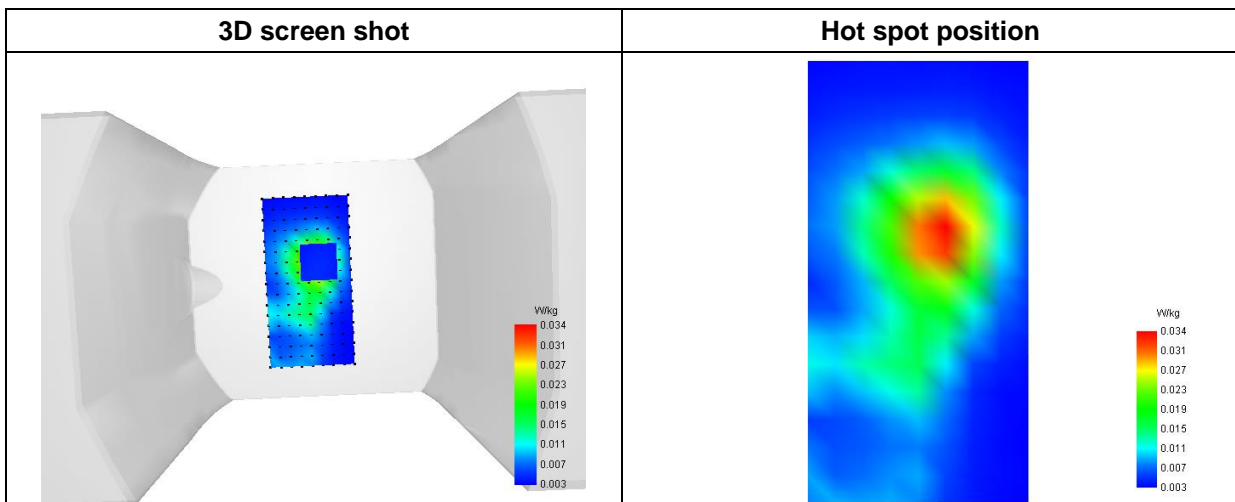
SAR 10g (W/Kg)	0.017058
SAR 1g (W/Kg)	0.032416

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0617	0.0343	0.0187	0.0107	0.0069



F. 3D Image



MEASUREMENT 45

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

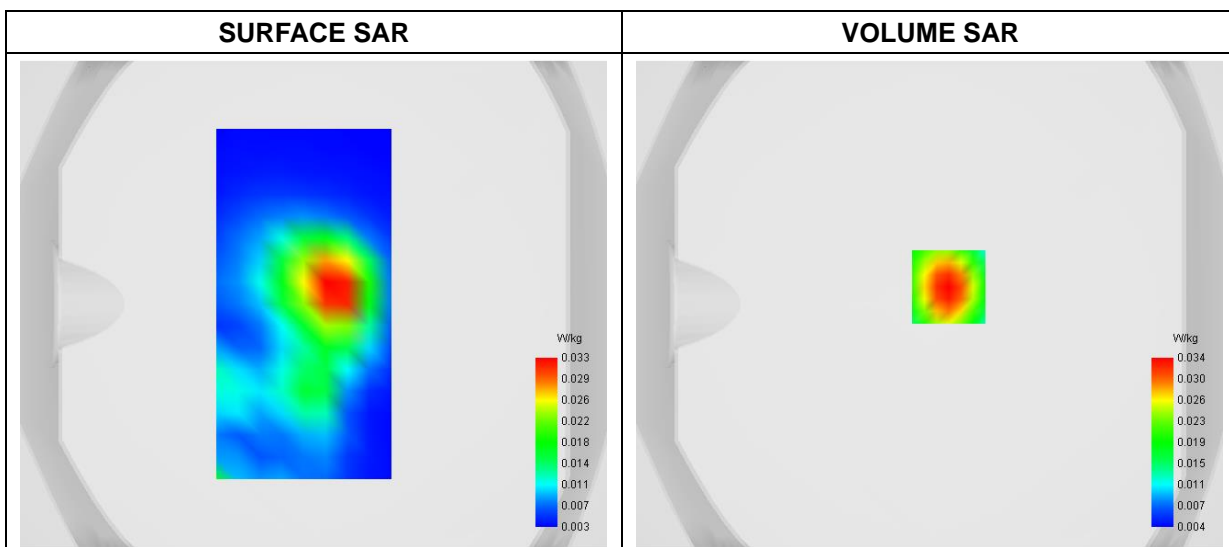
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n41_HPUE
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)	38.872911
Conductivity (S/m)	1.931483
Power Variation (%)	0.359600
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

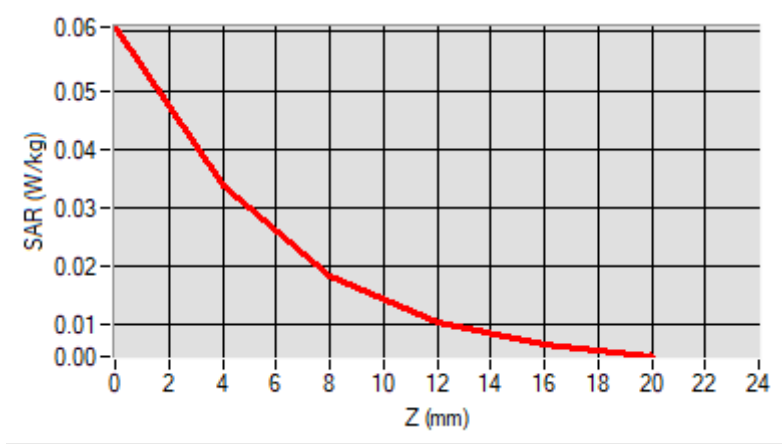


Maximum location: X=8.00, Y=7.00
D. SAR 1g & 10g

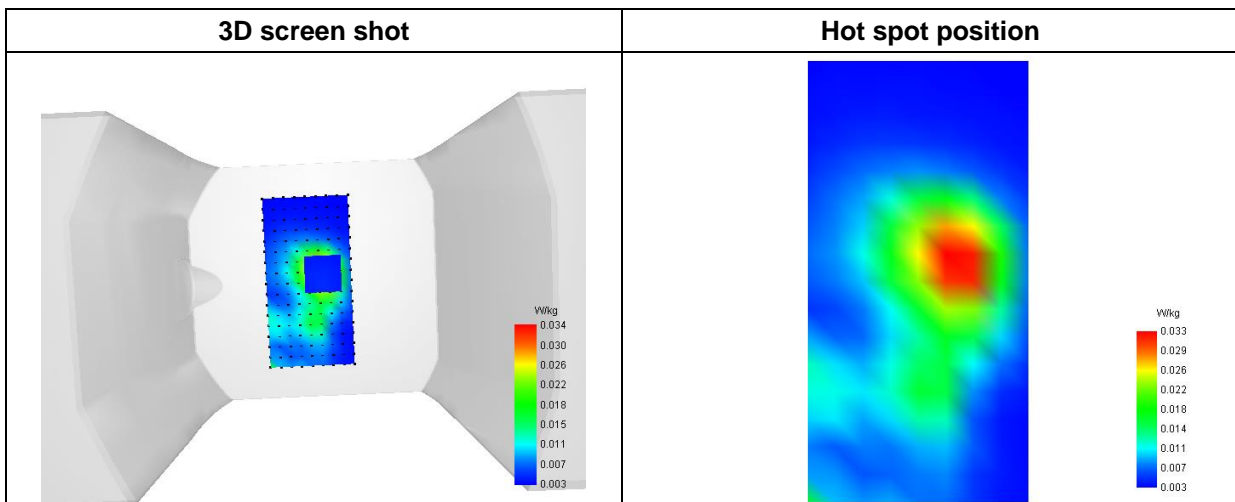
SAR 10g (W/Kg)	0.016723
SAR 1g (W/Kg)	0.031753

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0608	0.0338	0.0184	0.0105	0.0068



F. 3D Image



MEASUREMENT 46

Type: Phone measurement (Complete)

Date of measurement: 2024-03-20

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2023-07-07

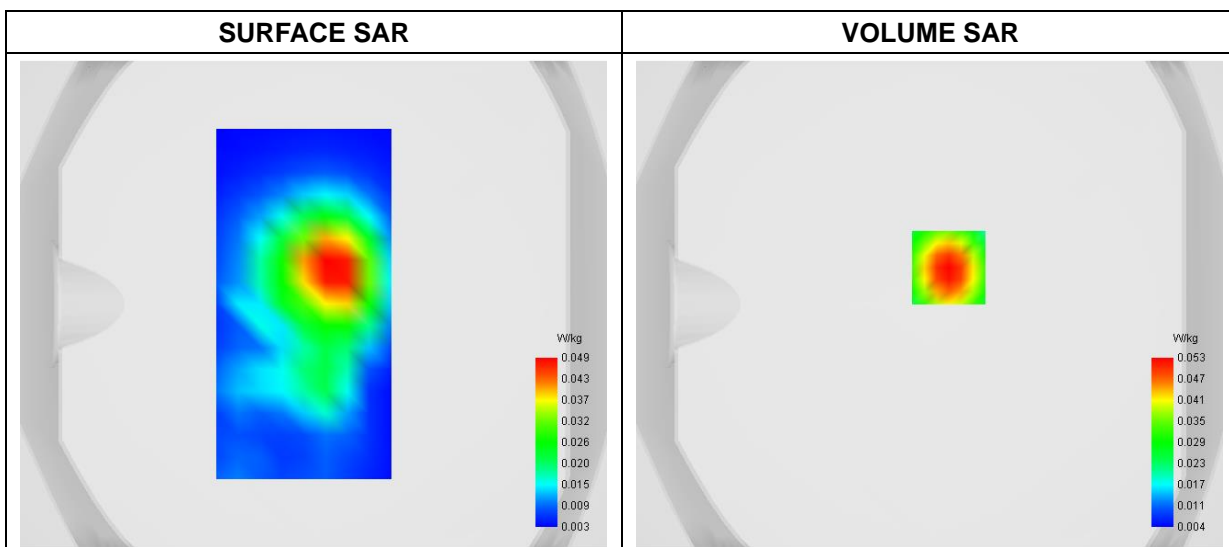
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	NR n77/78_3450-3550MHz_HPUE
Channels	DFT-s OFDM QPSK, 100MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3500.010000
Relative Permittivity (real part)	36.424129
Conductivity (S/m)	3.043701
Power Variation (%)	1.245200
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



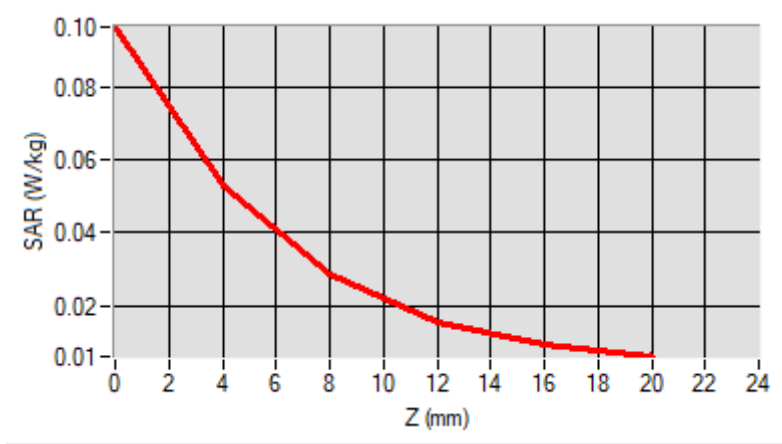
Maximum location: X=8.00, Y=15.00

D. SAR 1g & 10g

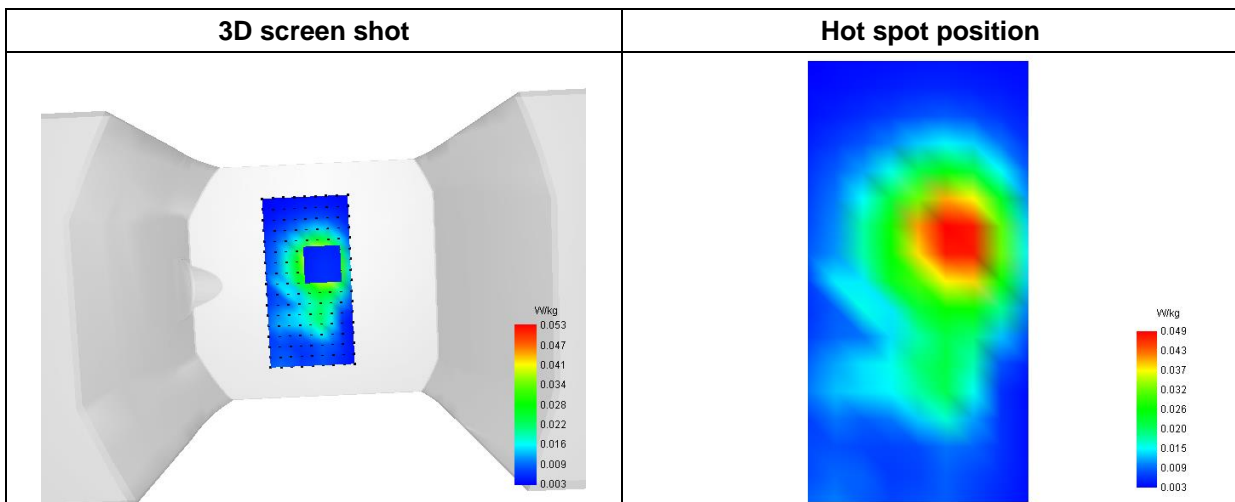
SAR 10g (W/Kg)	0.026039
SAR 1g (W/Kg)	0.050087

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0966	0.0532	0.0285	0.0157	0.0095



F. 3D Image



MEASUREMENT 47

Type: Measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

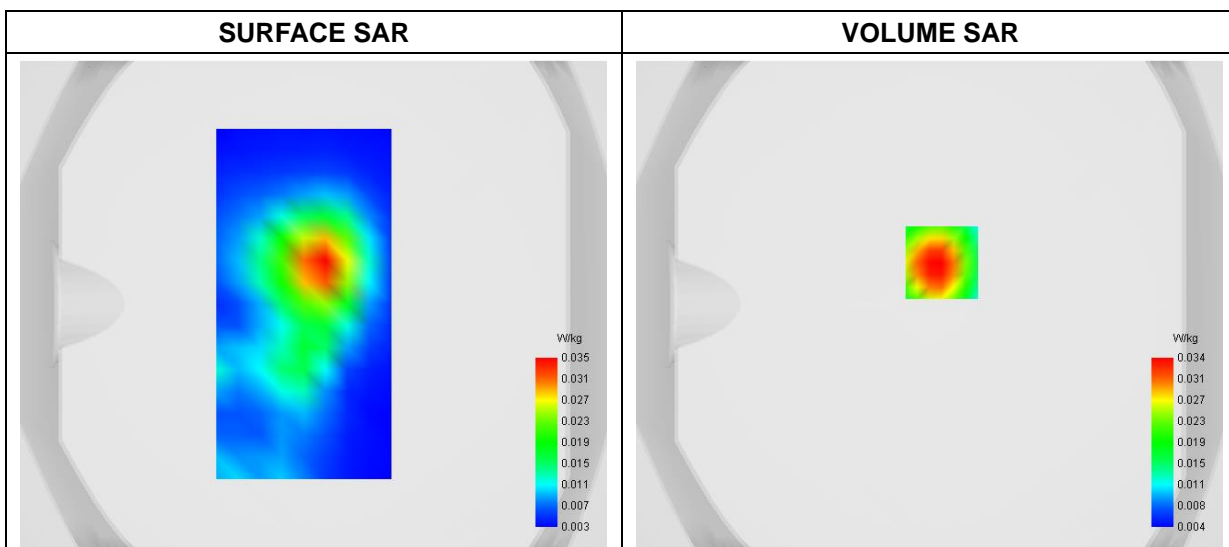
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n38_UL MIMO_HPUE
Channels	CP OFDM QPSK, 40MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	38.873663
Conductivity (S/m)	1.933645
Power Variation (%)	-1.211400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



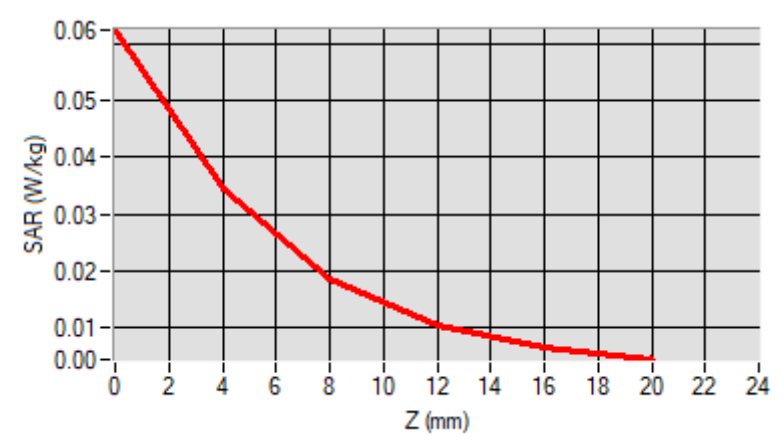
Maximum location: X=5.00, Y=17.00

D. SAR 1g & 10g

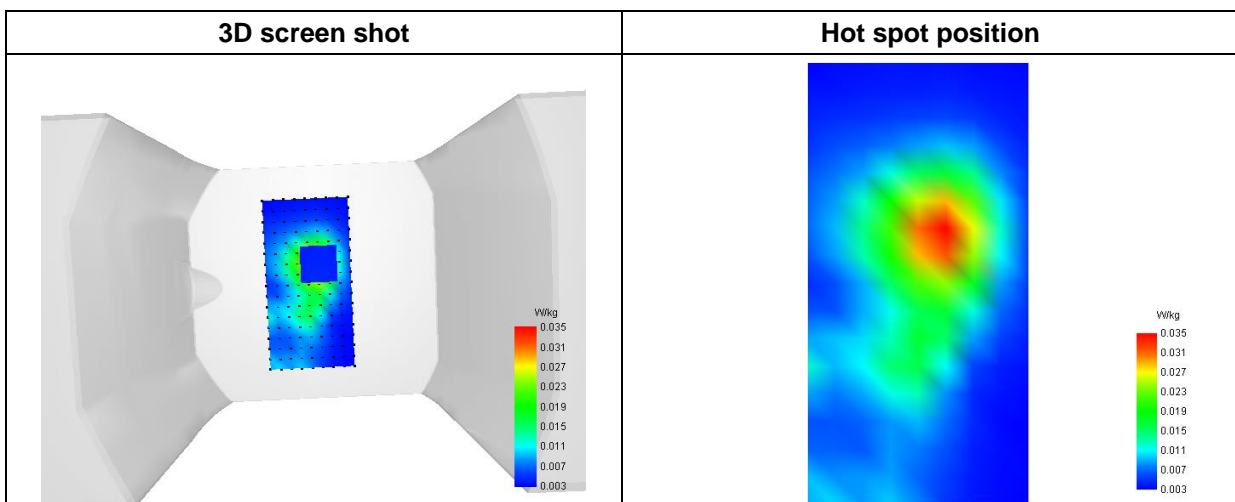
SAR 10g (W/Kg)	0.017091
SAR 1g (W/Kg)	0.032778

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0624	0.0344	0.0185	0.0104	0.0066



F. 3D Image



MEASUREMENT 48

Type: Phone measurement (Complete)

Date of measurement: 2024-03-17

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2023-07-07

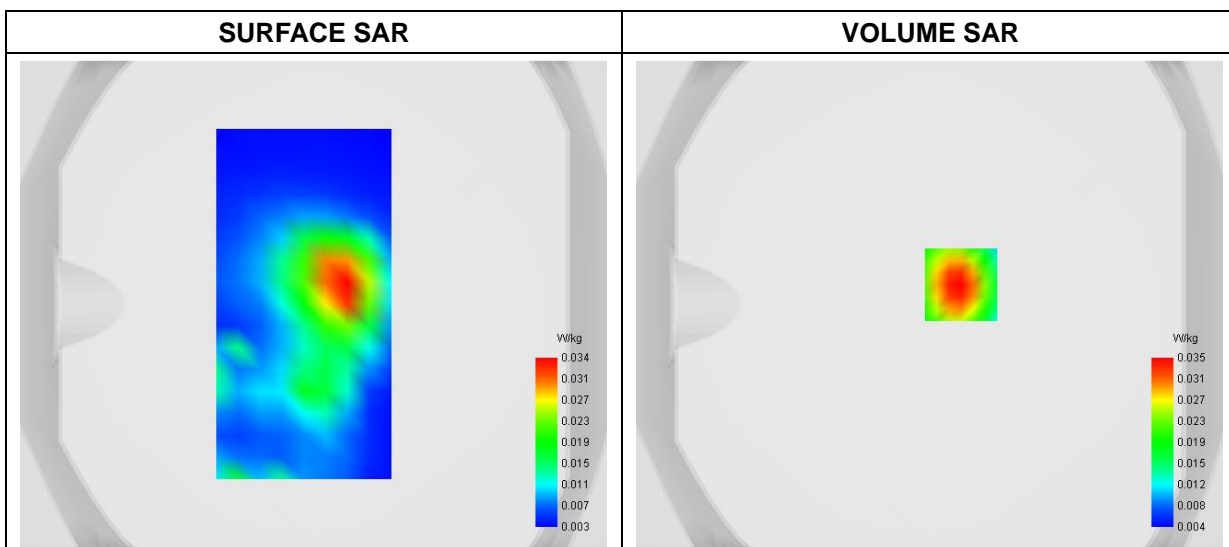
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n41_UL MIMO_HPUE
Channels	CP OFDM QPSK, 100MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2546.010000
Relative Permittivity (real part)	38.874129
Conductivity (S/m)	1.932659
Power Variation (%)	0.852300
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume



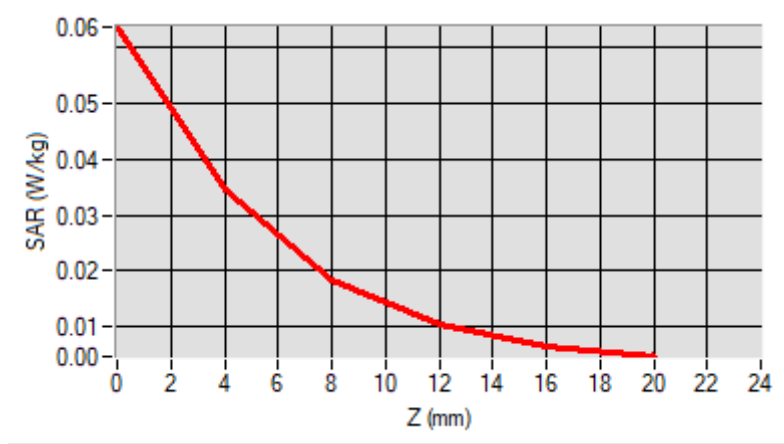
Maximum location: X=13.00, Y=8.00

D. SAR 1g & 10g

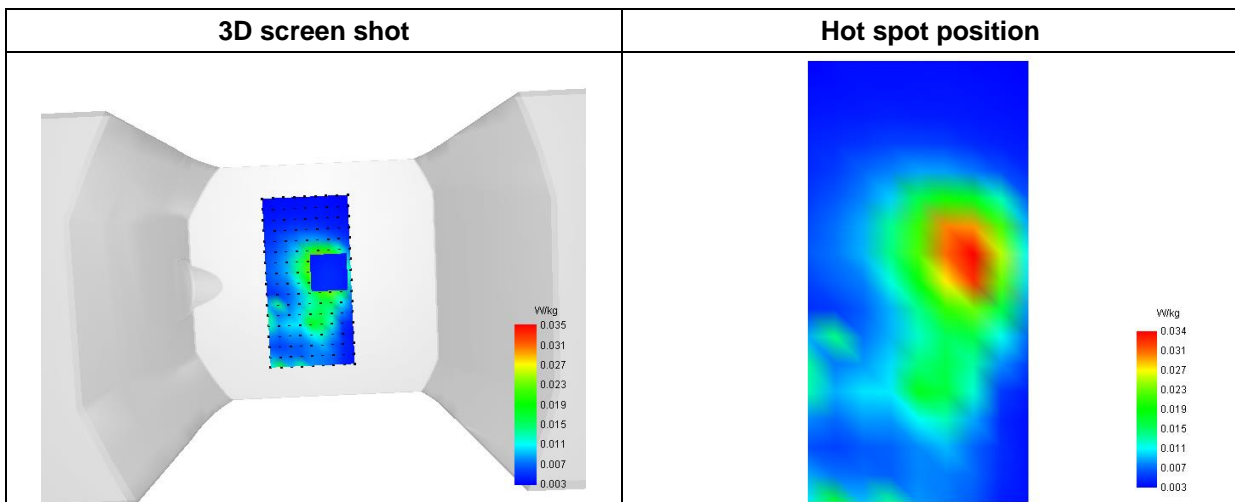
SAR 10g (W/Kg)	0.016982
SAR 1g (W/Kg)	0.032597

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0635	0.0346	0.0185	0.0104	0.0067



F. 3D Image



MEASUREMENT 49

Type: Phone measurement (Complete)

Date of measurement: 2024-03-20

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2023-07-07

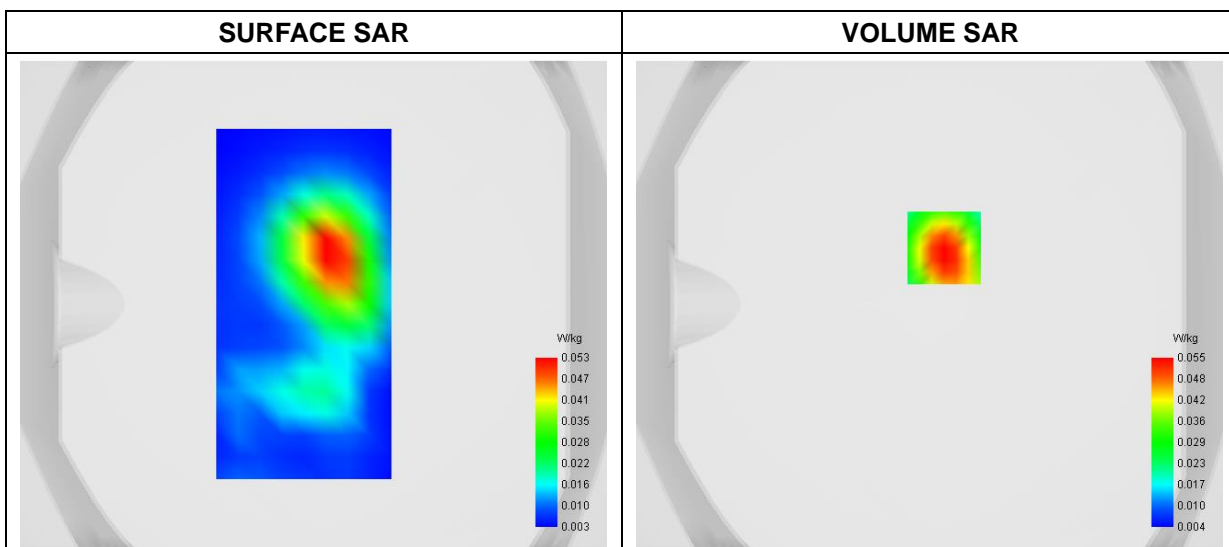
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n77/ n78_UL MIMO_3450-3550MHz_HPUE
Channels	CP OFDM QPSK, 30MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3465.000000
Relative Permittivity (real part)	36.424129
Conductivity (S/m)	3.043701
Power Variation (%)	0.853600
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume



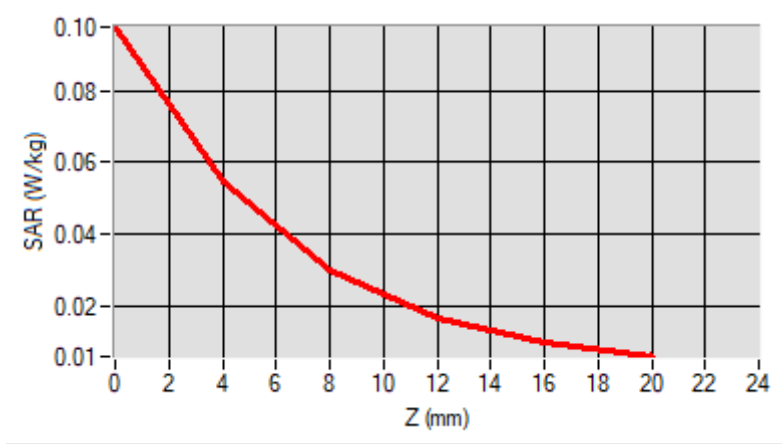
Maximum location: X=6.00, Y=23.00

D. SAR 1g & 10g

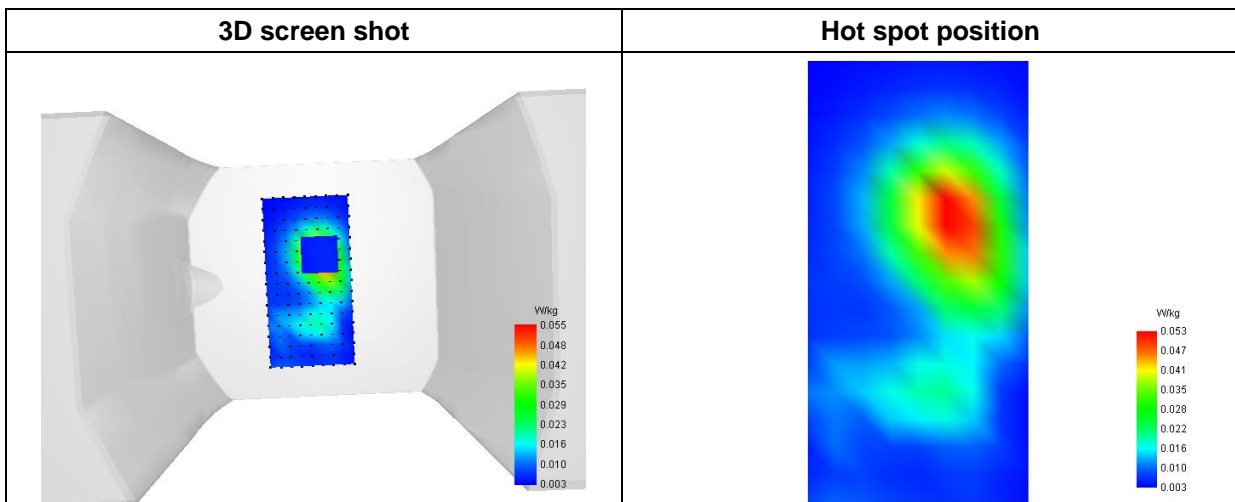
SAR 10g (W/Kg)	0.026605
SAR 1g (W/Kg)	0.051643

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0977	0.0547	0.0297	0.0165	0.0098



F. 3D Image



MEASUREMENT 50

Type: Phone measurement (Complete)

Date of measurement: 2024-03-22

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.37; Calibrated: 2023-07-07

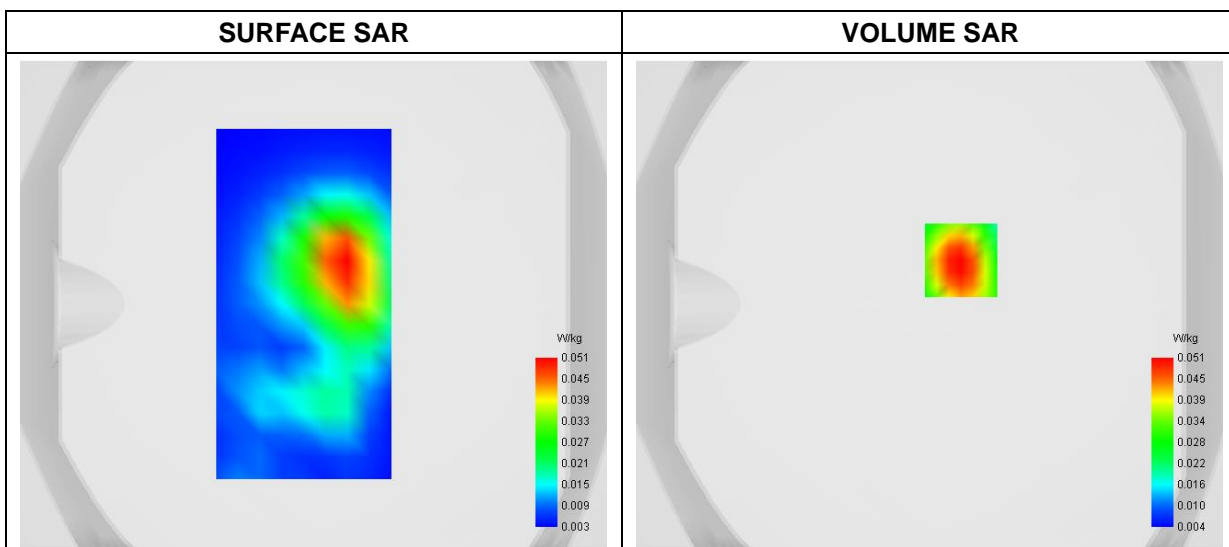
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	n77/ n78_UL MIMO_3700-3980MHz_HPUE
Channels	CP OFDM QPSK, 100MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3930.000000
Relative Permittivity (real part)	34.272541
Conductivity (S/m)	3.653747
Power Variation (%)	1.515600
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

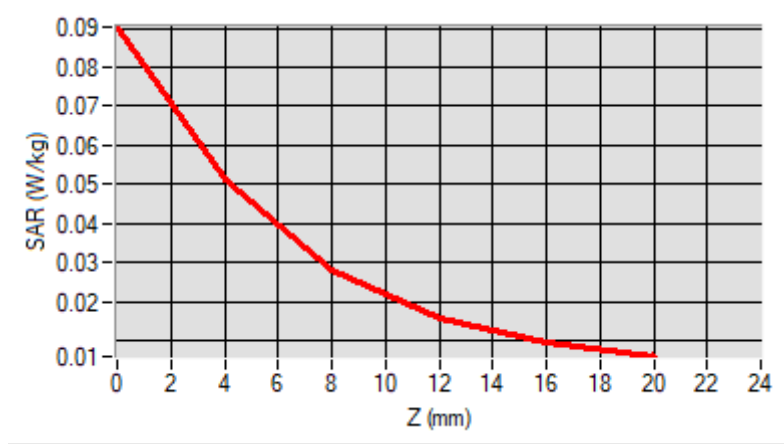


Maximum location: X=13.00, Y=18.00
 D. SAR 1g & 10g

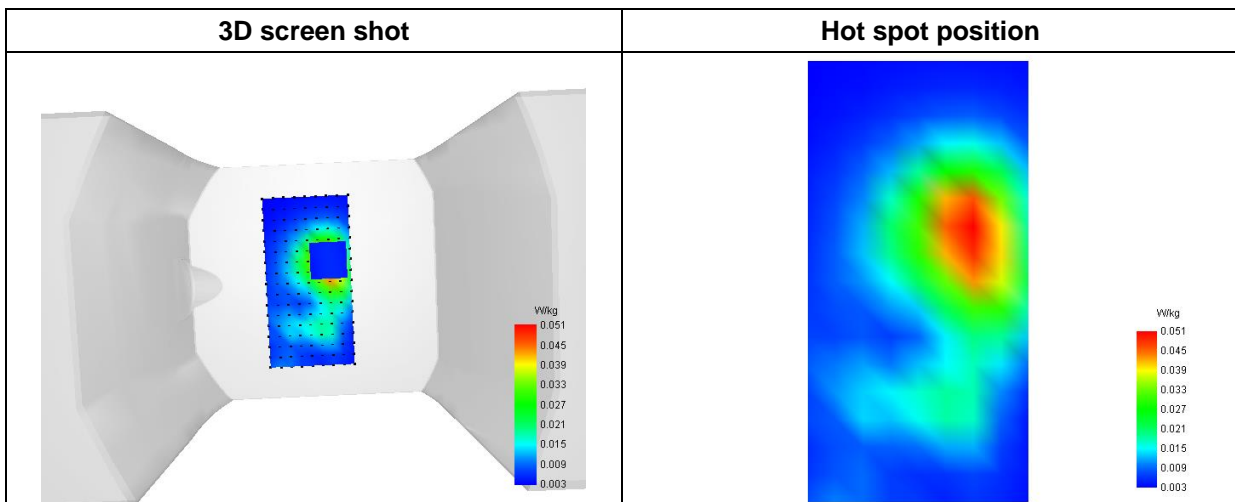
SAR 10g (W/Kg)	0.025280
SAR 1g (W/Kg)	0.045194

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0903	0.0511	0.0282	0.0159	0.0096



F. 3D Image



MEASUREMENT 51

Type: Phone measurement (Complete)

Date of measurement: 2024-03-08

Measurement duration: 12 minutes 3 seconds

E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2023-07-07

A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n2A
Channels	DFT-s-OFDM QPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1905.000000
Relative Permittivity (real part)	39.541475
Conductivity (S/m)	1.371249
Power Variation (%)	3.115600
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

