

MEASUREMENT 44

Type: Measurement (Complete)
Date of measurement: 2024-07-31
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2024-06-07

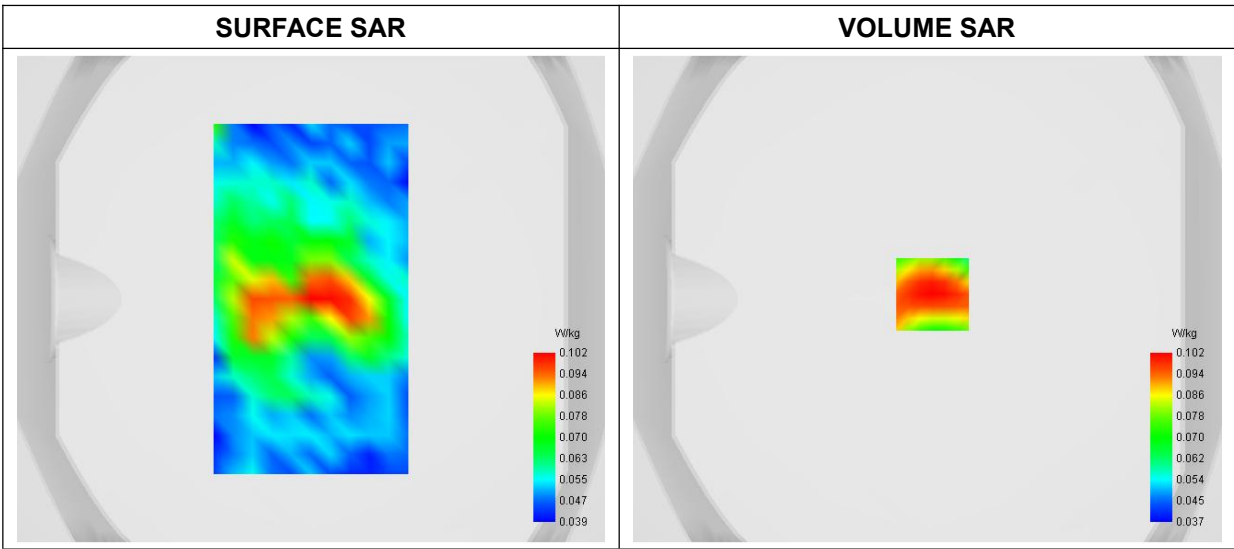
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	DC_7A_n78A_3700-3800MHz _ DFT-s-OFDM QPSK 100MHz
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3750.000000
Relative Permittivity (real part)	35.524623
Conductivity (S/m)	3.314571
Power Variation (%)	1.861800
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

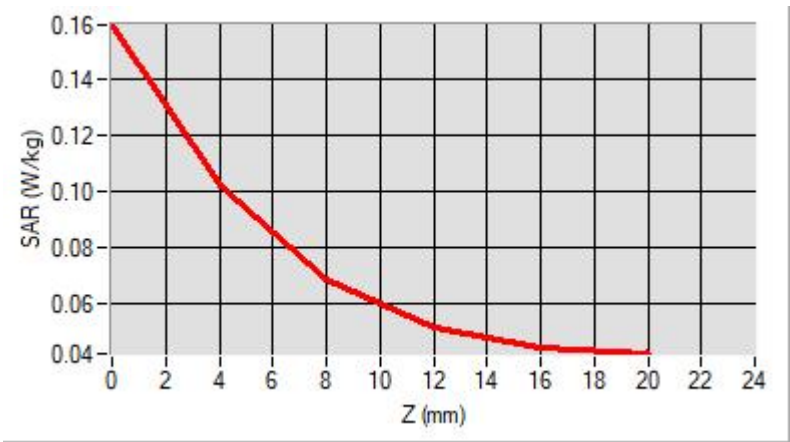


Maximum location: X=2.00, Y=2.00
D. SAR 1g & 10g

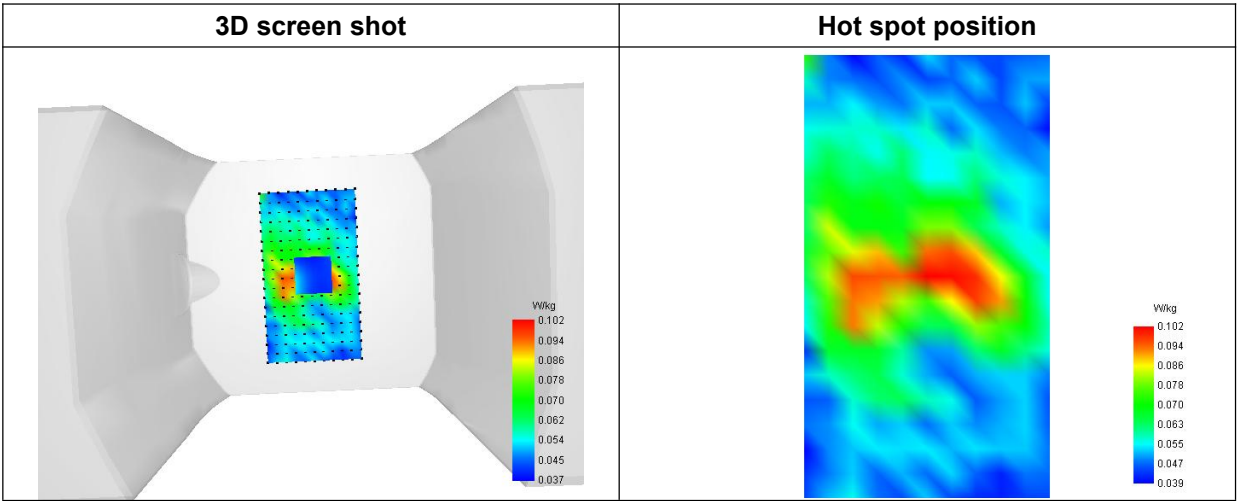
SAR 10g (W/Kg)	0.068718
SAR 1g (W/Kg)	0.098846

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1591	0.1024	0.0688	0.0516	0.0448



F. 3D Image



MEASUREMENT 45

Type: Measurement (Complete)
Date of measurement: 2024-08-02
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2024-06-07

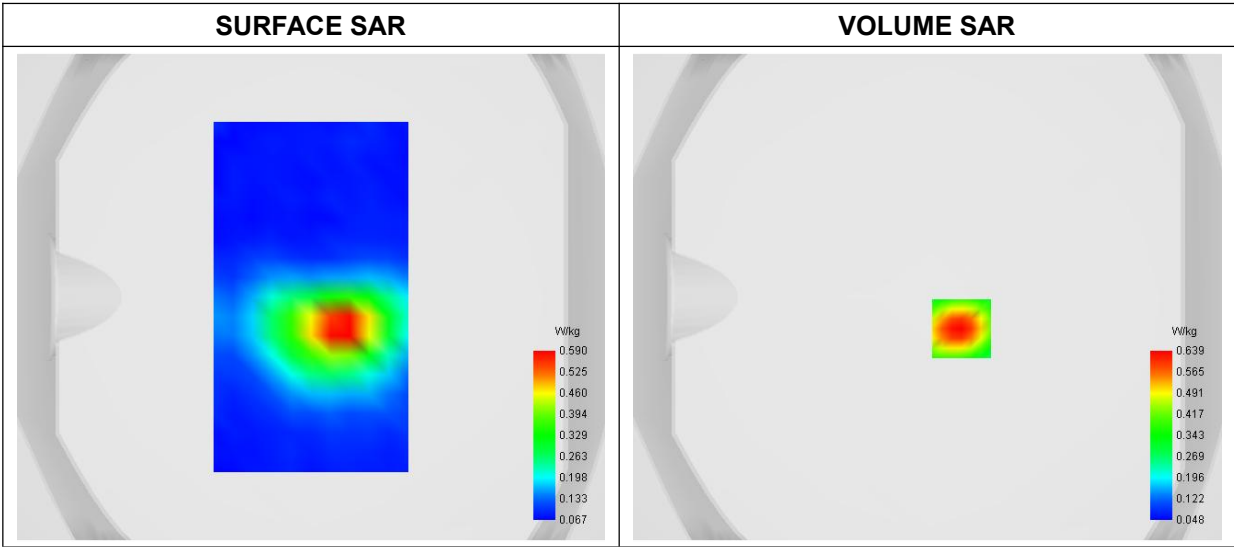
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.2GHz)_802.11a
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5240.000000
Relative Permittivity (real part)	36.931548
Conductivity (S/m)	4.634785
Power Variation (%)	-1.468500
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

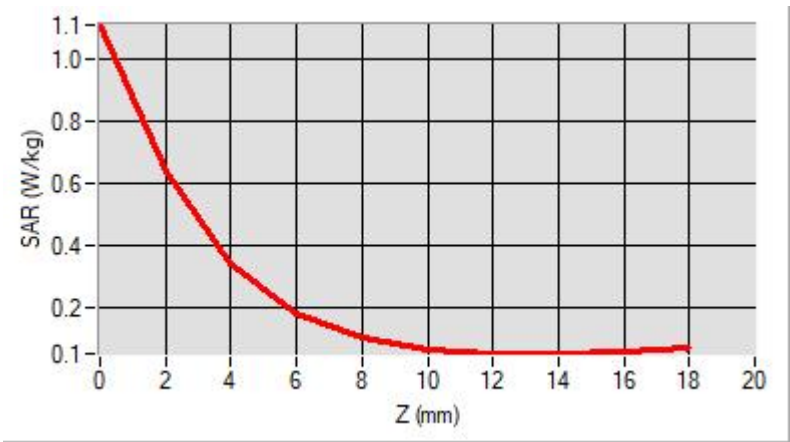


Maximum location: X=14.00, Y=-13.00
D. SAR 1g & 10g

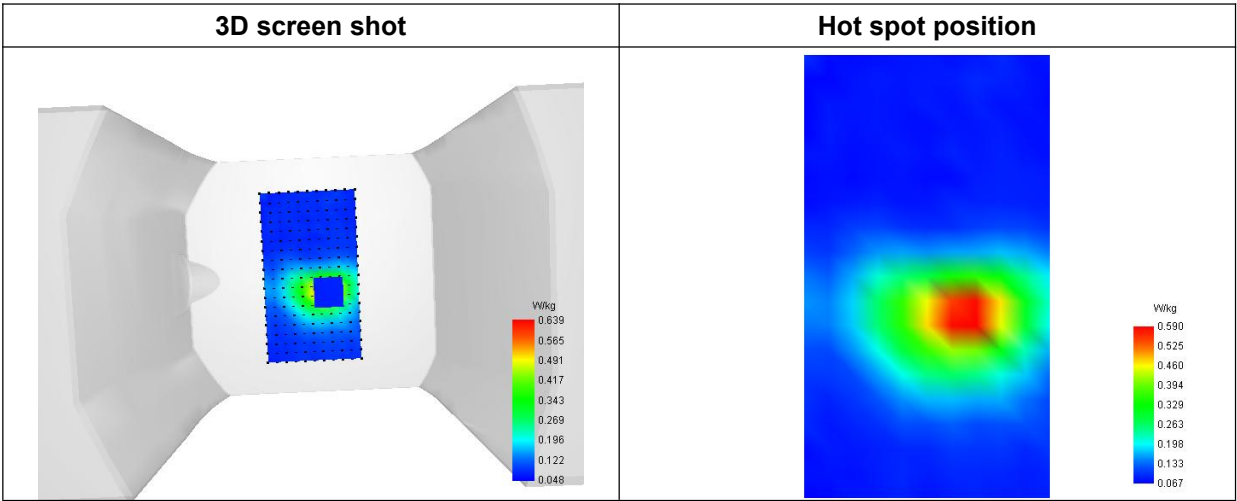
SAR 10g (W/Kg)	0.165949
SAR 1g (W/Kg)	0.373441

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)	1.1119	0.6385	0.3444	0.1808	0.1005	0.0643	0.0509	0.0505	0.0583



F. 3D Image



MEASUREMENT 46

Type: Measurement (Complete)
Date of measurement: 2024-08-02
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.12; Calibrated: 2024-06-07

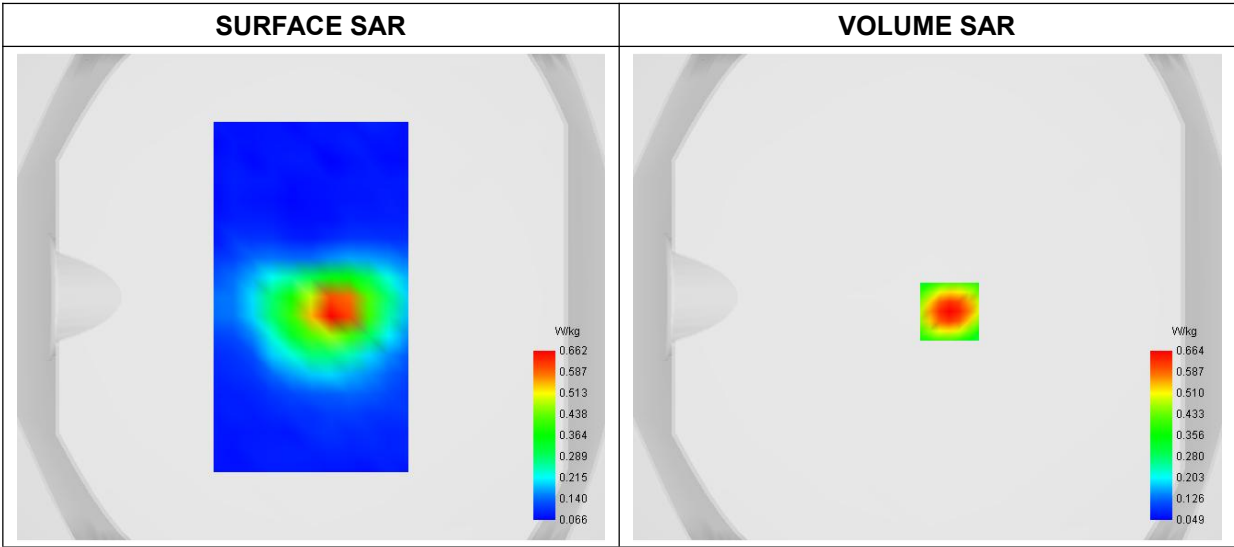
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.3GHz)_802.11a
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5320.000000
Relative Permittivity (real part)	36.311857
Conductivity (S/m)	4.811977
Power Variation (%)	-1.381700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

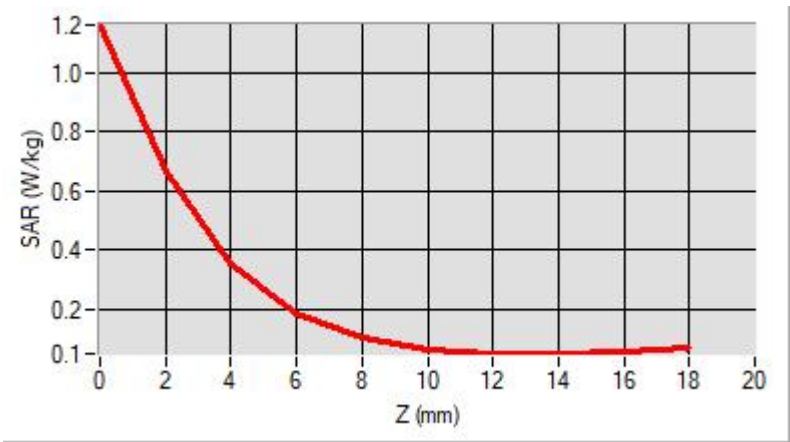


Maximum location: X=9.00, Y=-6.00
D. SAR 1g & 10g

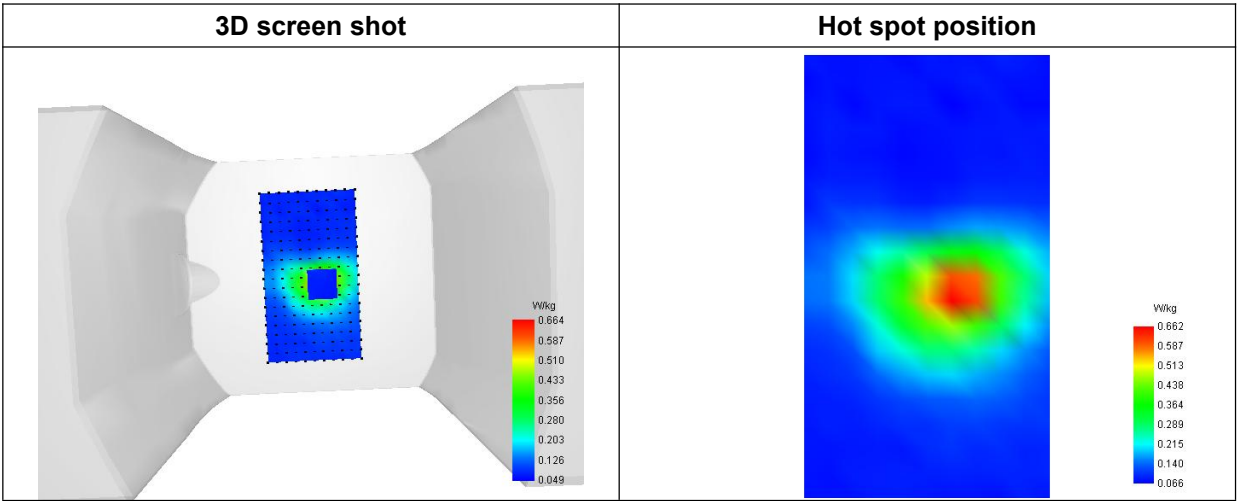
SAR 10g (W/Kg)	0.170105
SAR 1g (W/Kg)	0.387735

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)	1.1600	0.6641	0.3565	0.1858	0.1024	0.0649	0.0512	0.0507	0.0587



F. 3D Image



MEASUREMENT 47

Type: Measurement (Complete)
Date of measurement: 2024-08-03
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.25; Calibrated: 2024-06-07

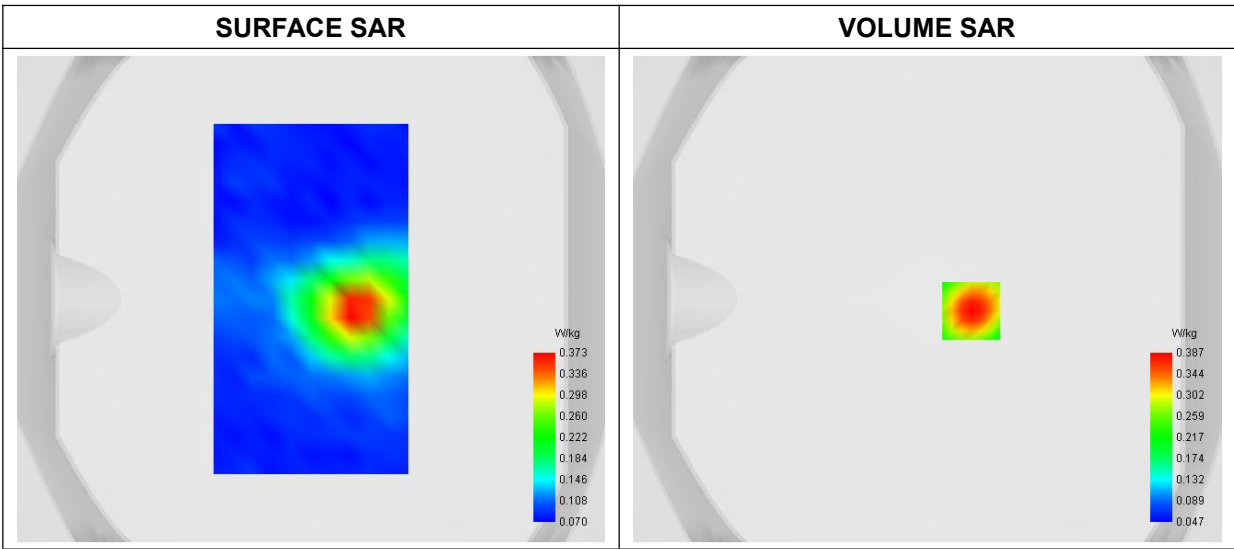
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.6GHz)_802.11a
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5580.000000
Relative Permittivity (real part)	35.884761
Conductivity (S/m)	5.114582
Power Variation (%)	-1.651700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

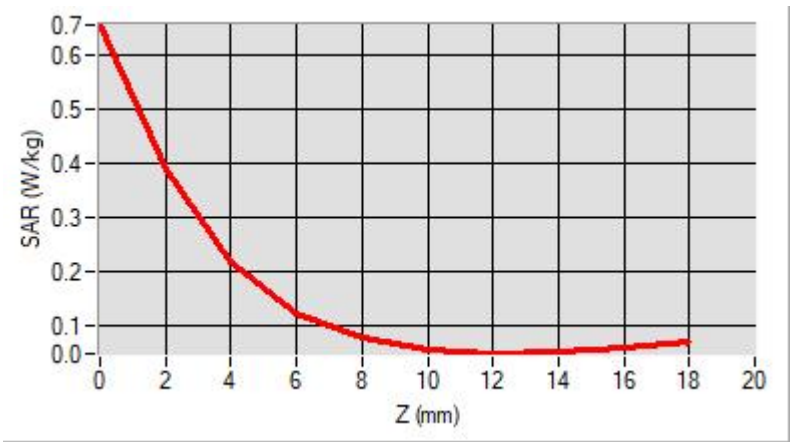


Maximum location: X=18.00, Y=-5.00
D. SAR 1g & 10g

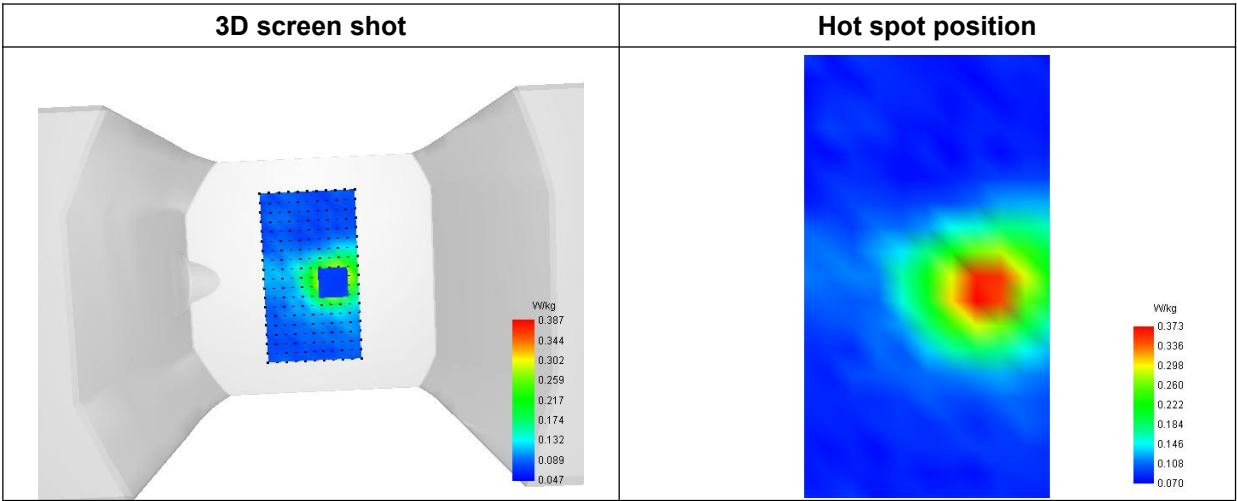
SAR 10g (W/Kg)	0.124463
SAR 1g (W/Kg)	0.240049

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)	0.6550	0.3869	0.2185	0.1232	0.0757	0.0544	0.0476	0.0498	0.0585



F. 3D Image



MEASUREMENT 48

Type: Measurement (Complete)
Date of measurement: 2024-08-03
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2024-06-07

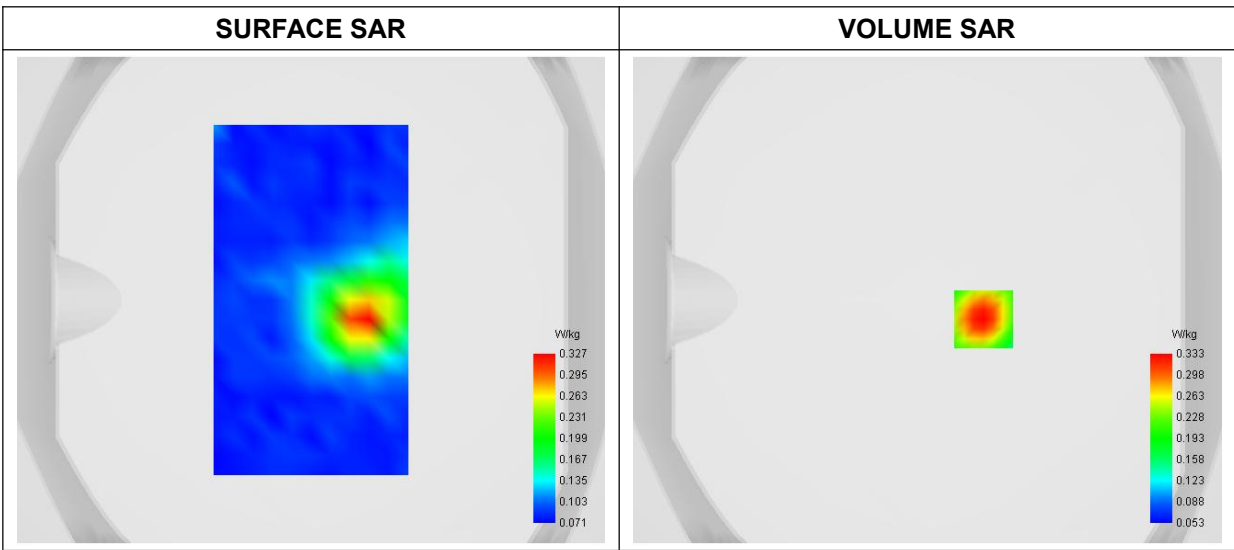
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.8GHz)_802.11a
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative Permittivity (real part)	35.172917
Conductivity (S/m)	5.321778
Power Variation (%)	-1.772700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

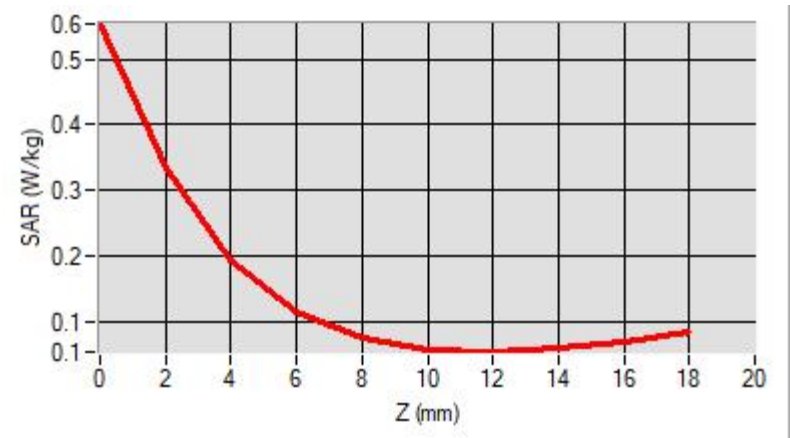


Maximum location: X=23.00, Y=-8.00
D. SAR 1g & 10g

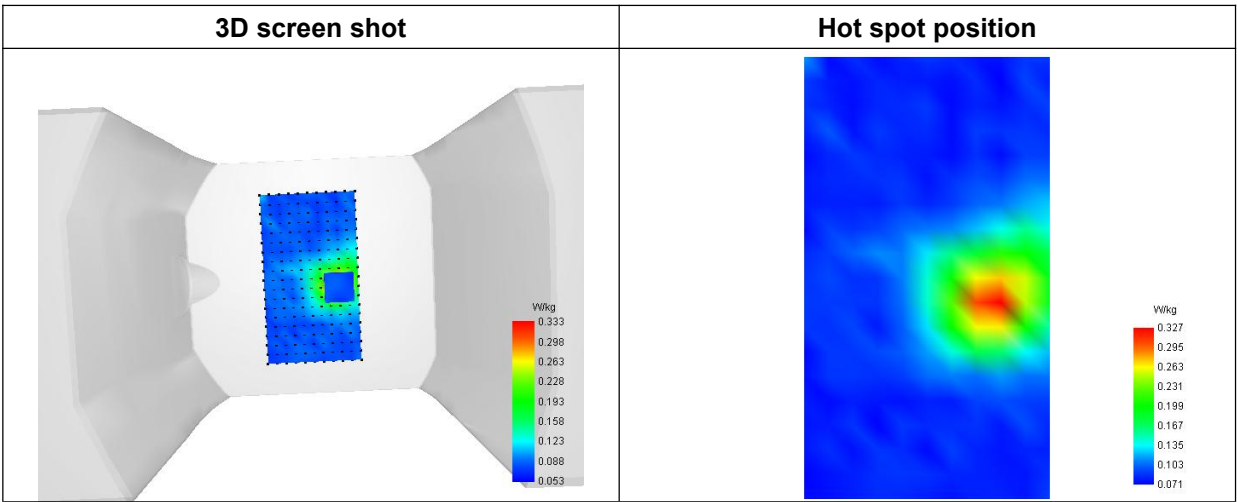
SAR 10g (W/Kg)	0.117535
SAR 1g (W/Kg)	0.209398

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)	0.5537	0.3333	0.1939	0.1147	0.0751	0.0578	0.0536	0.0583	0.0695



F. 3D Image



MEASUREMENT 49

Type: Measurement (Complete)
Date of measurement: 2024-08-01
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2024-06-07

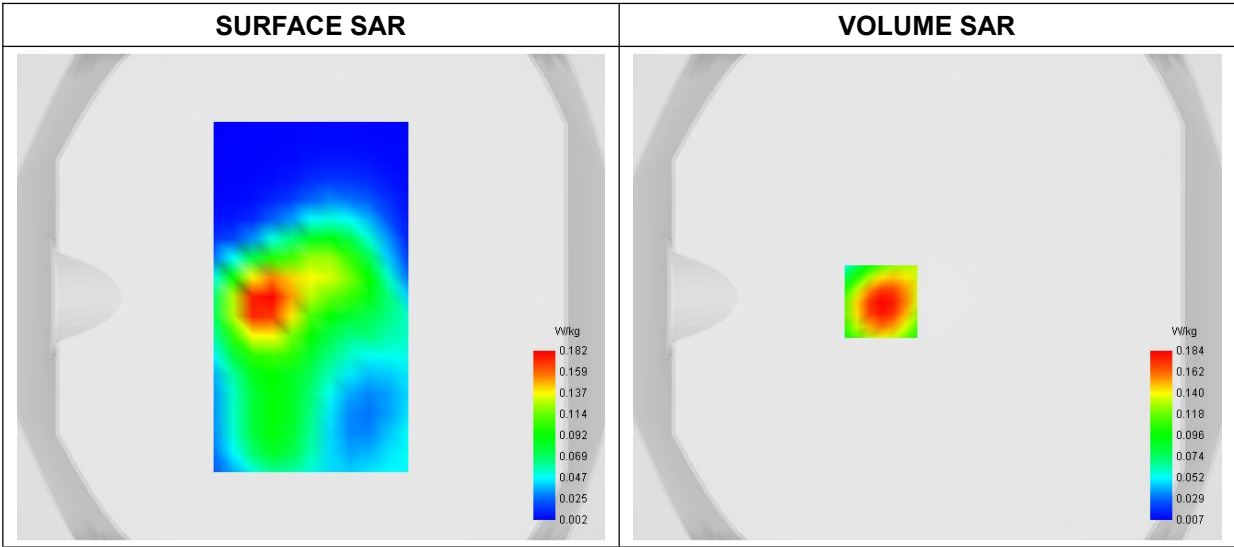
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi_802.11b
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative Permittivity (real part)	39.094386
Conductivity (S/m)	1.724296
Power Variation (%)	-1.071700
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

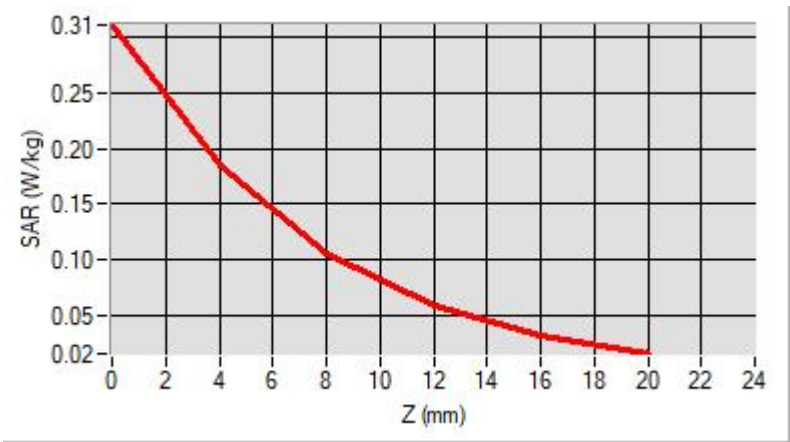


Maximum location: X=-19.00, Y=-2.00
D. SAR 1g & 10g

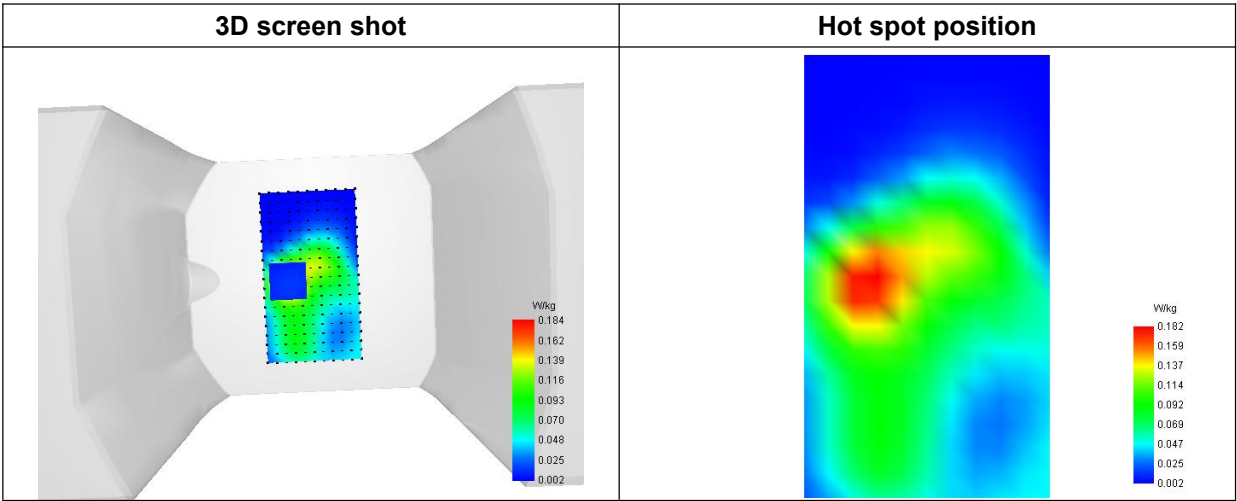
SAR 10g (W/Kg)	0.088907
SAR 1g (W/Kg)	0.172158

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3111	0.1843	0.1050	0.0582	0.0317



F. 3D Image



MEASUREMENT 50

Type: Measurement (Complete)
Date of measurement: 2024-08-01
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2024-06-07

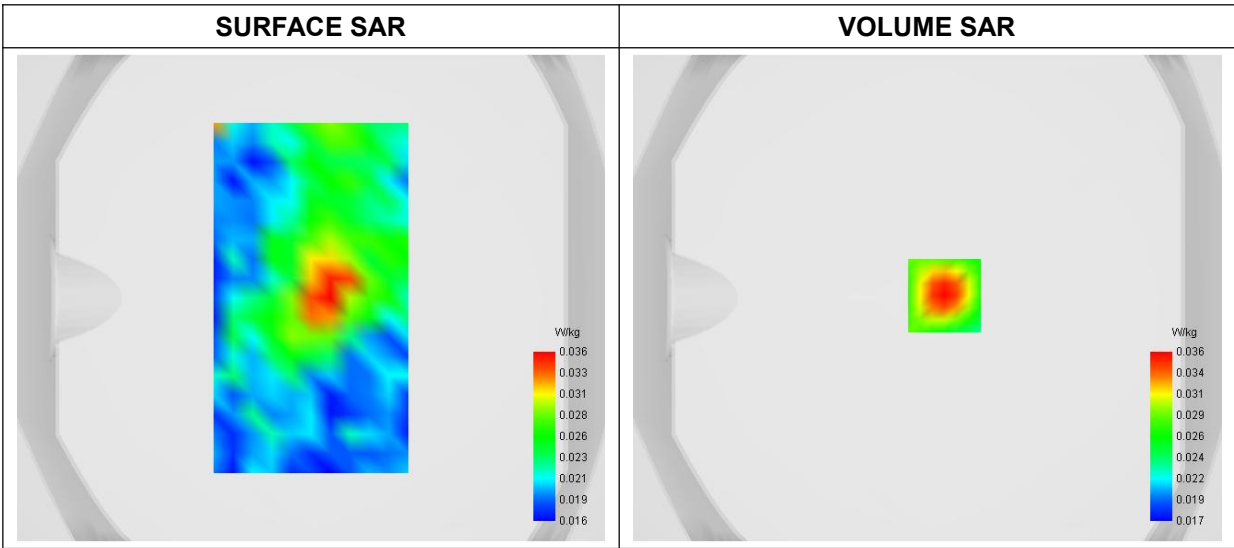
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	Bluetooth_ π /4 DQPSK
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2480.000000
Relative Permittivity (real part)	39.094736
Conductivity (S/m)	1.721487
Power Variation (%)	-1.074100
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

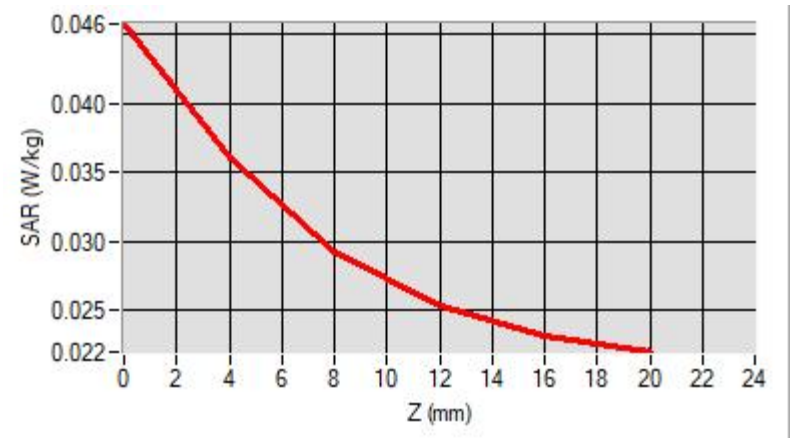


Maximum location: X=7.00, Y=1.00
D. SAR 1g & 10g

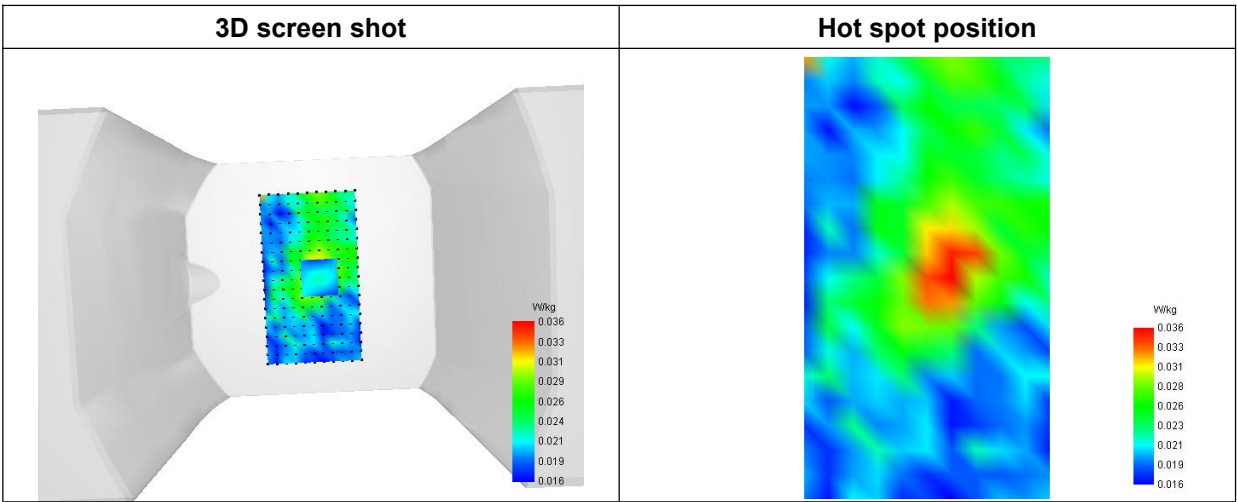
SAR 10g (W/Kg)	0.027119
SAR 1g (W/Kg)	0.034445

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0457	0.0360	0.0293	0.0253	0.0232



F. 3D Image



MEASUREMENT 51

Type: Measurement (Complete)
Date of measurement: 2024-07-17
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2024-06-07

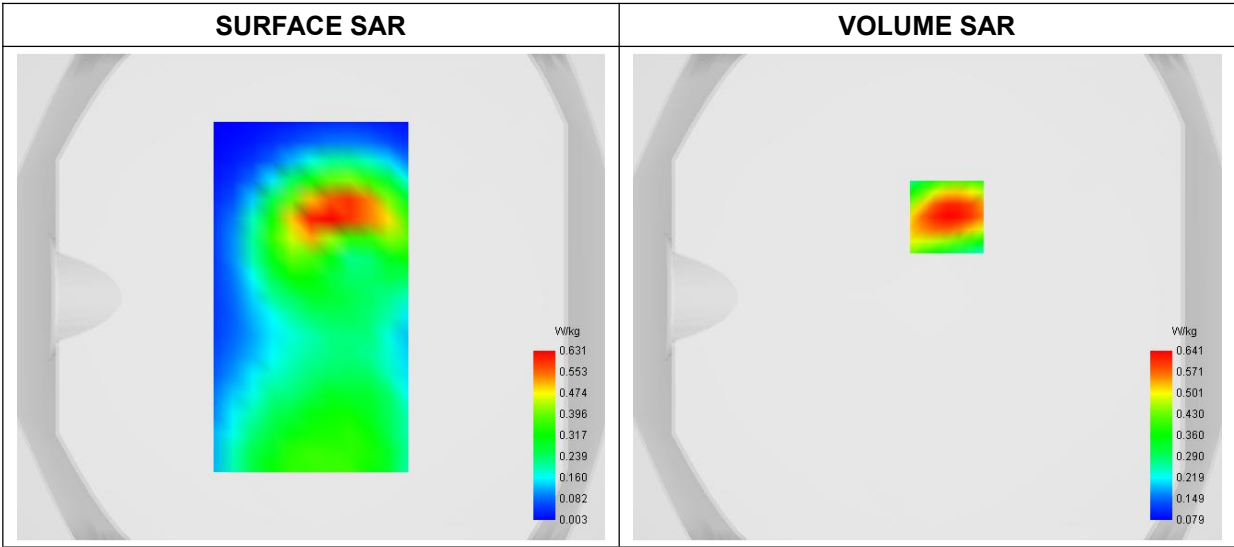
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	GPRS850_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

Frequency (MHz)	824.200000
Relative Permittivity (real part)	42.314485
Conductivity (S/m)	0.864623
Power Variation (%)	1.015900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

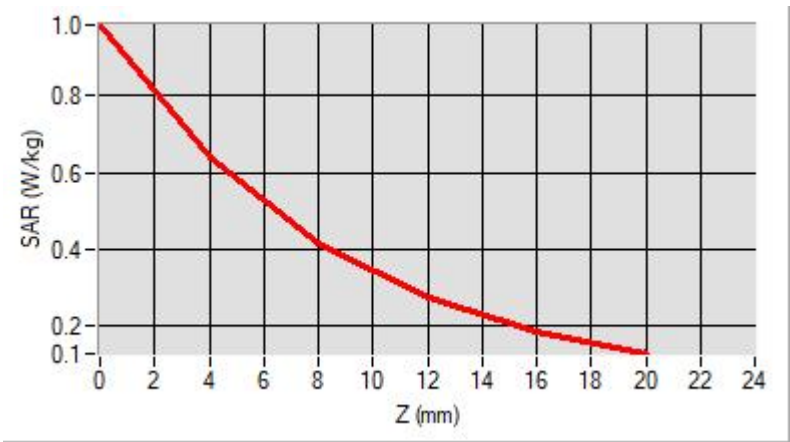


Maximum location: X=8.00, Y=33.00
D. SAR 1g & 10g

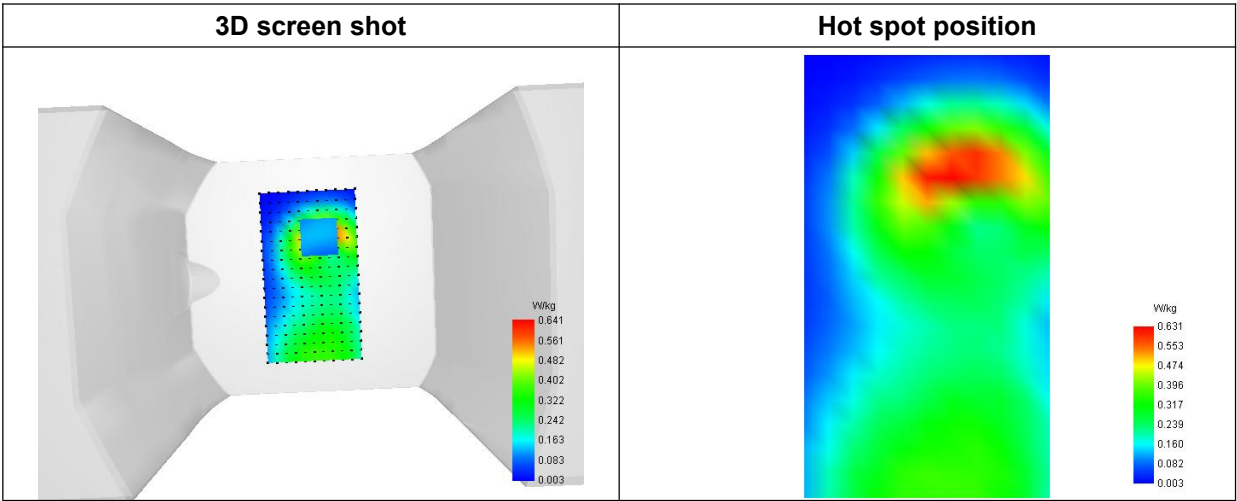
SAR 10g (W/Kg)	0.351603
SAR 1g (W/Kg)	0.602303

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9848	0.6412	0.4154	0.2745	0.1882



F. 3D Image



MEASUREMENT 52

Type: Measurement (Complete)
Date of measurement: 2024-07-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2024-06-07

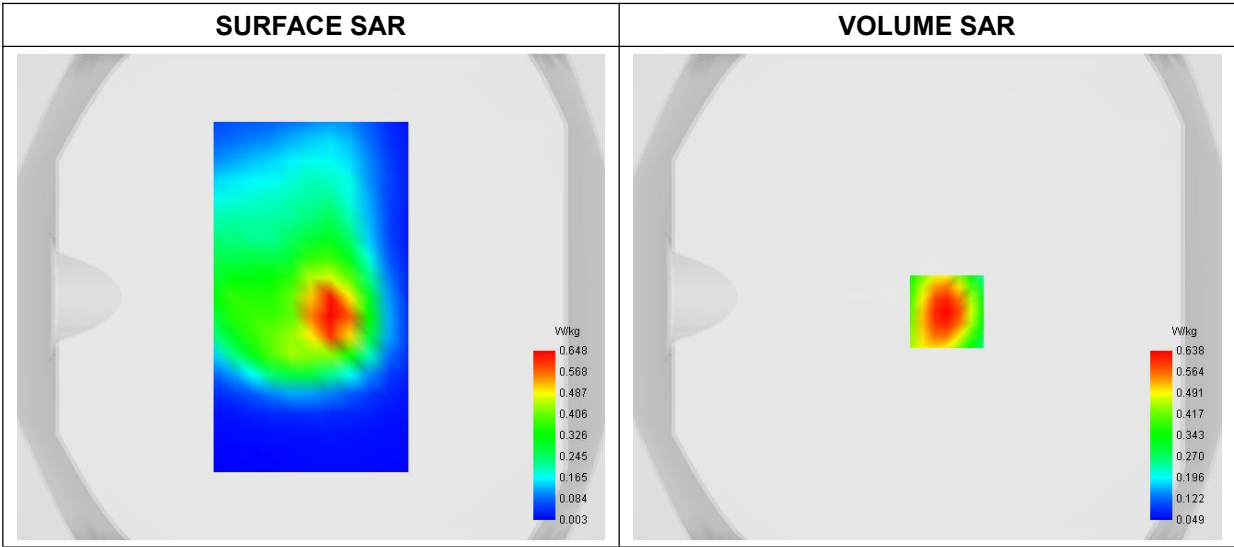
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	GPRS1900_2TX
Channels	Low
Signal	Duty Cycle: 1:4

B. SAR Measurement Results

Frequency (MHz)	1850.200000
Relative Permittivity (real part)	39.282174
Conductivity (S/m)	1.373826
Power Variation (%)	1.591400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

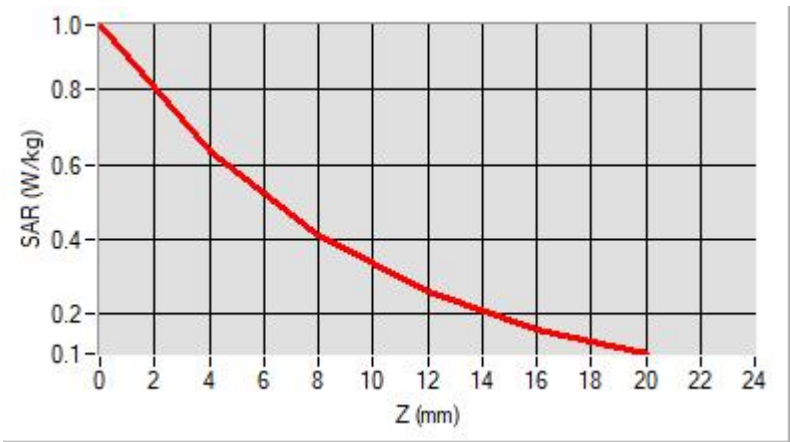


Maximum location: X=8.00, Y=-6.00
D. SAR 1g & 10g

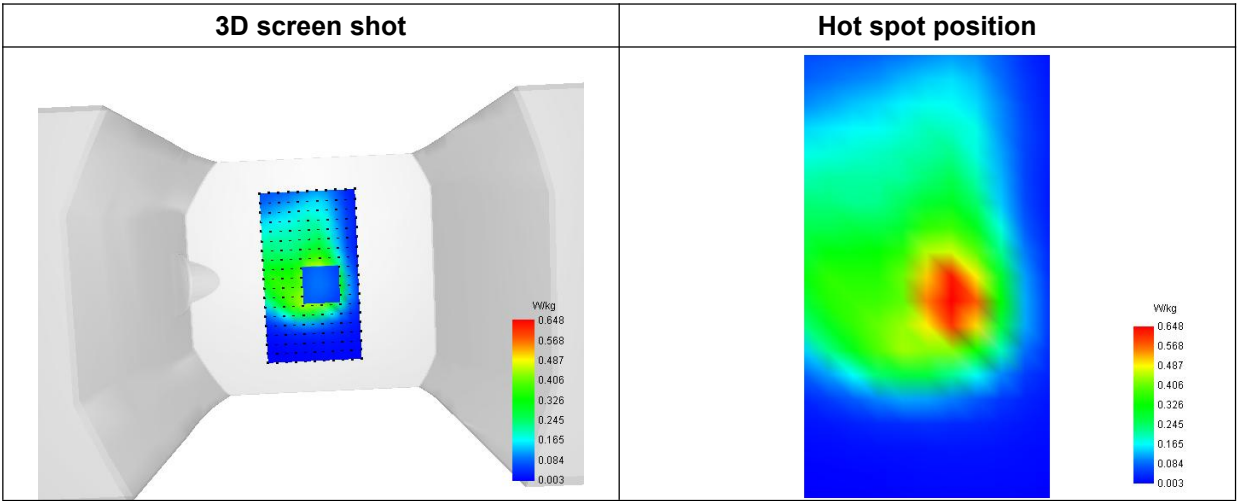
SAR 10g (W/Kg)	0.329687
SAR 1g (W/Kg)	0.593212

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.9749	0.6381	0.4080	0.2569	0.1592



F. 3D Image



MEASUREMENT 53

Type: Measurement (Complete)
Date of measurement: 2024-07-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2024-06-07

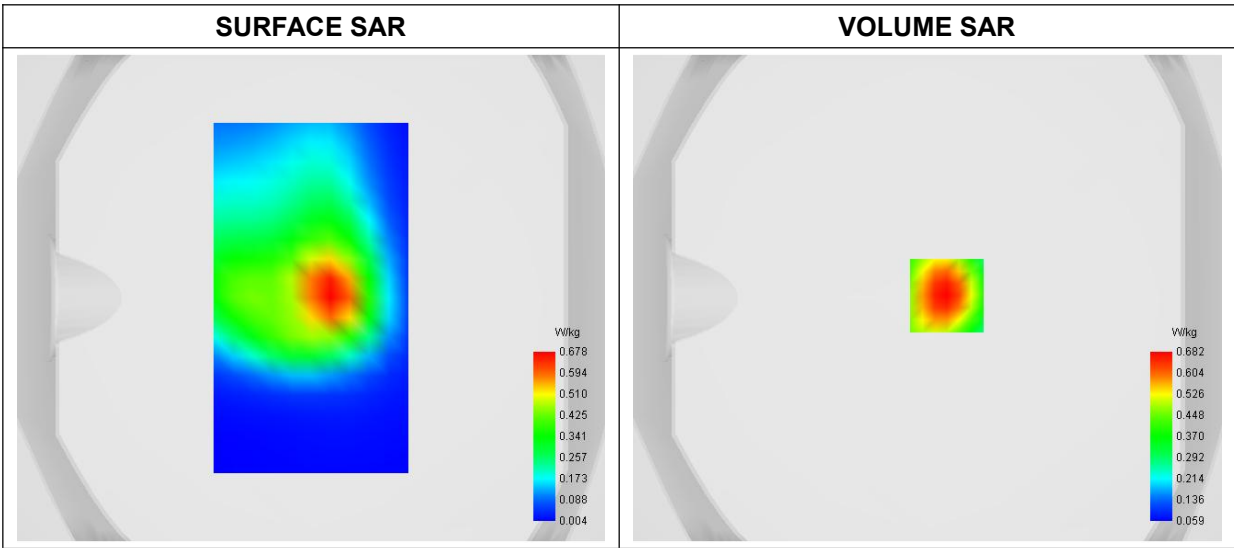
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.283614
Conductivity (S/m)	1.370620
Power Variation (%)	-1.559100
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

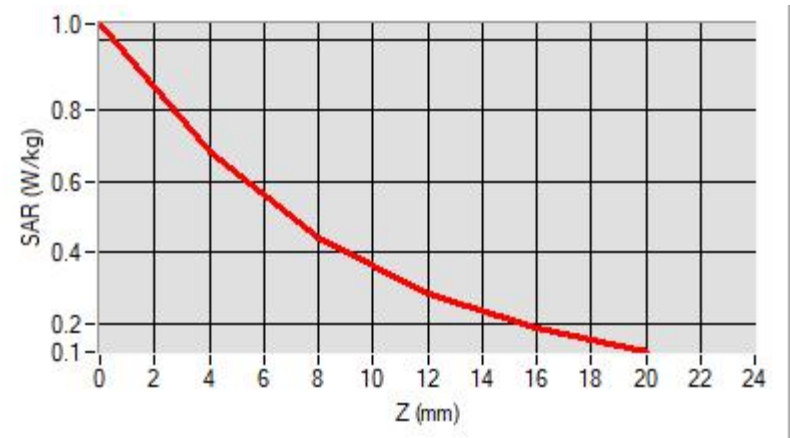


Maximum location: X=8.00, Y=1.00
D. SAR 1g & 10g

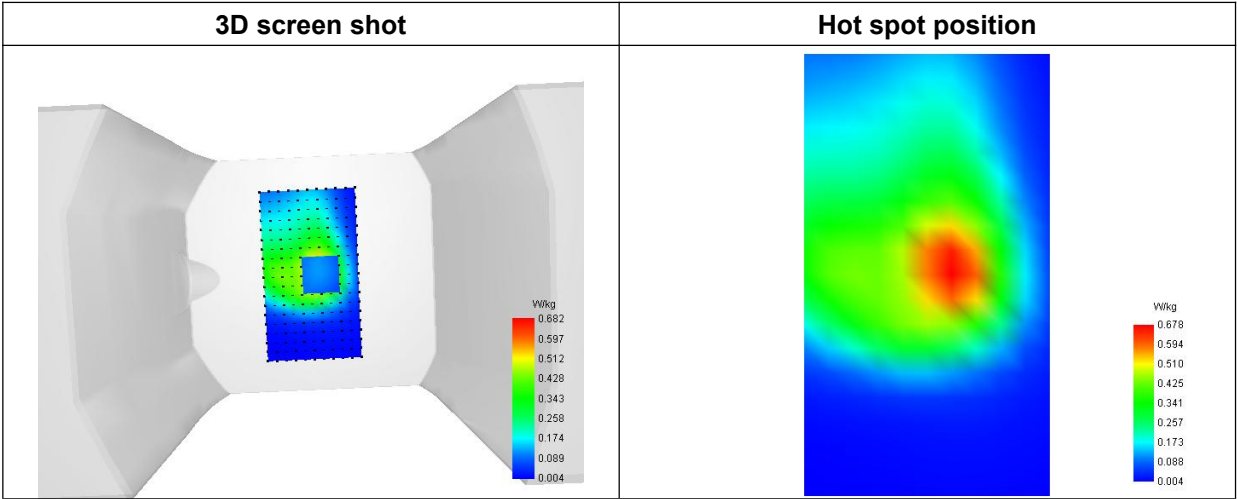
SAR 10g (W/Kg)	0.365201
SAR 1g (W/Kg)	0.636794

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.0431	0.6817	0.4396	0.2845	0.1867



F. 3D Image



MEASUREMENT 54

Type: Measurement (Complete)
Date of measurement: 2024-07-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2024-06-07

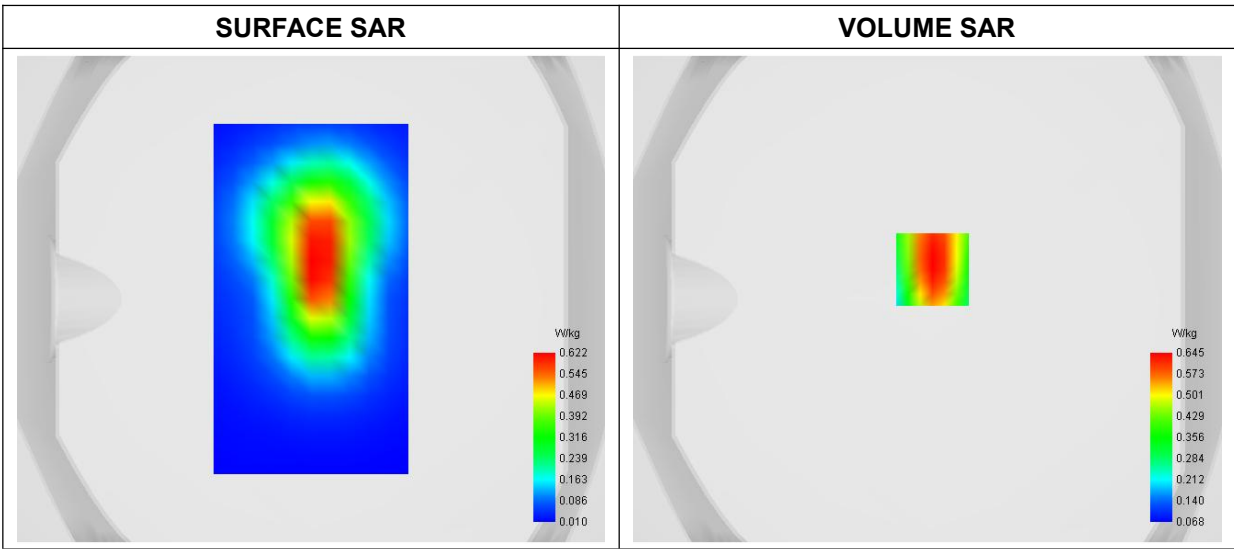
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1752.6000000
Relative Permittivity (real part)	39.281488
Conductivity (S/m)	1.372012
Power Variation (%)	-0.681700
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

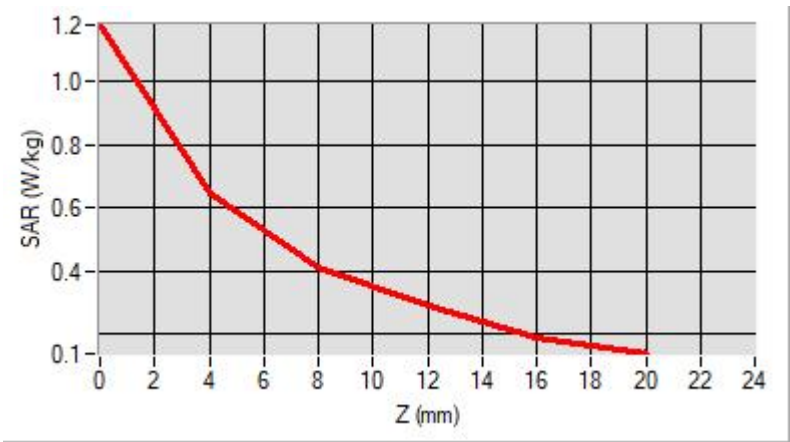


Maximum location: X=2.00, Y=12.00
D. SAR 1g & 10g

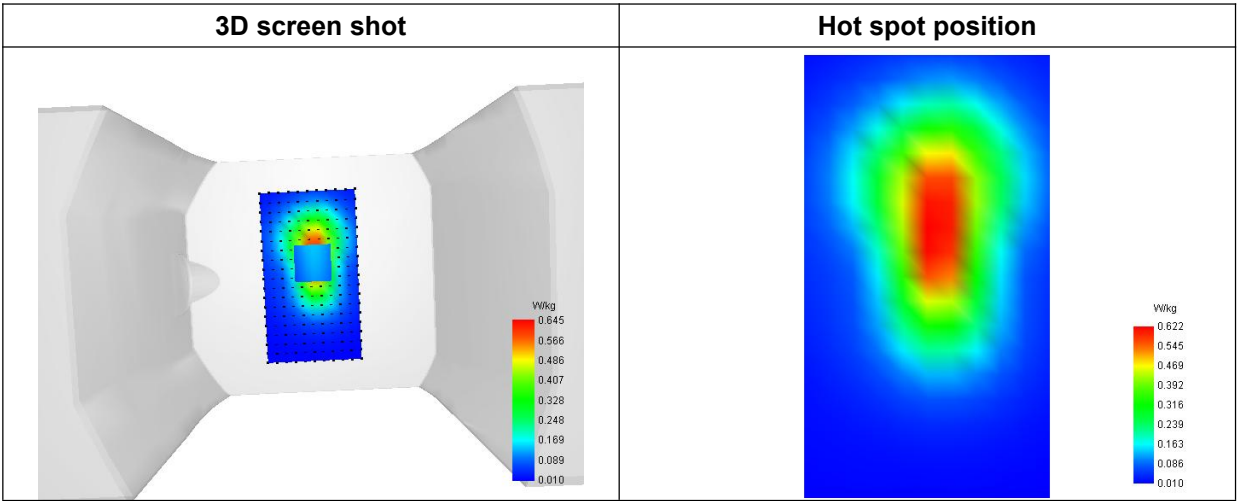
SAR 10g (W/Kg)	0.356341
SAR 1g (W/Kg)	0.603967

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1798	0.6452	0.4124	0.2890	0.1897



F. 3D Image



MEASUREMENT 55

Type: Measurement (Complete)
Date of measurement: 2024-07-17
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2024-06-07

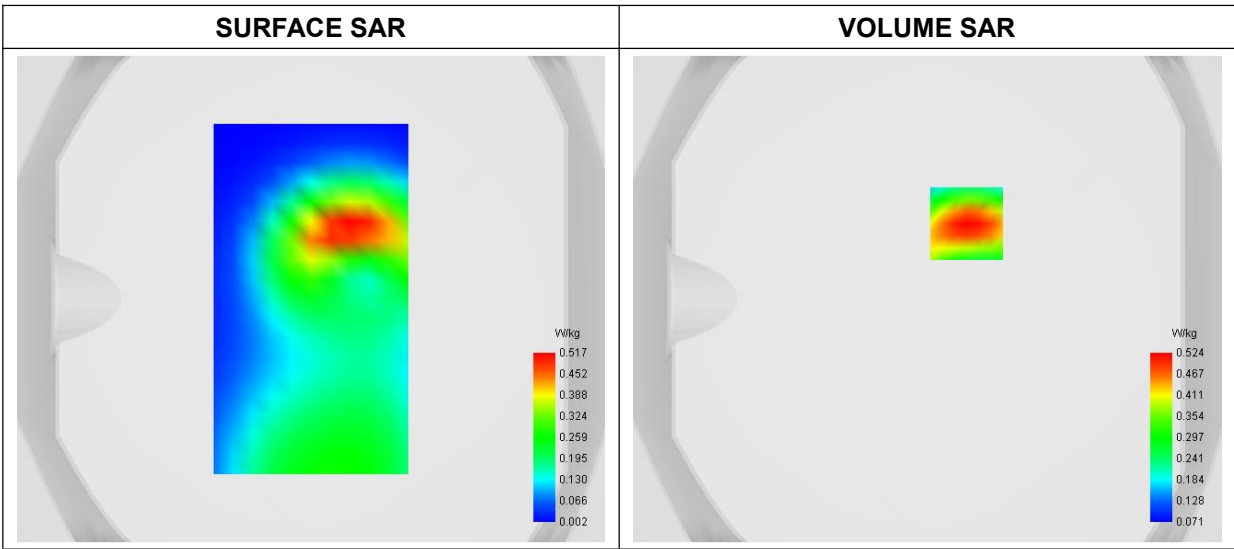
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	826.400000
Relative Permittivity (real part)	42.313176
Conductivity (S/m)	0.862071
Power Variation (%)	1.517700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

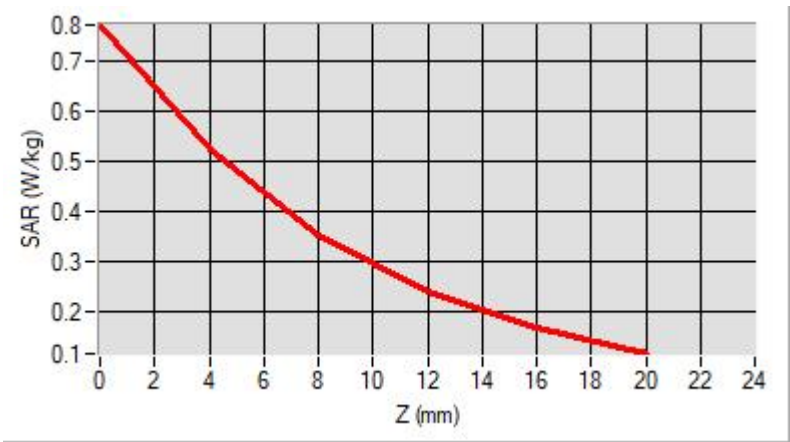


Maximum location: X=16.00, Y=31.00
D. SAR 1g & 10g

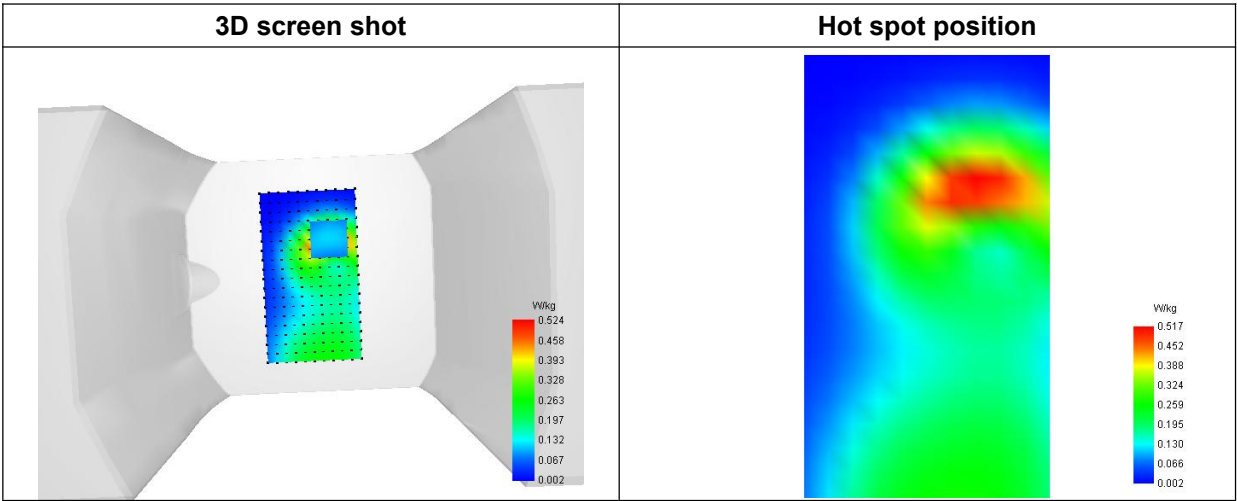
SAR 10g (W/Kg)	0.286965
SAR 1g (W/Kg)	0.485407

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.7710	0.5237	0.3541	0.2425	0.1698



F. 3D Image



MEASUREMENT 56

Type: Measurement (Complete)
Date of measurement: 2024-07-25
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2024-06-07

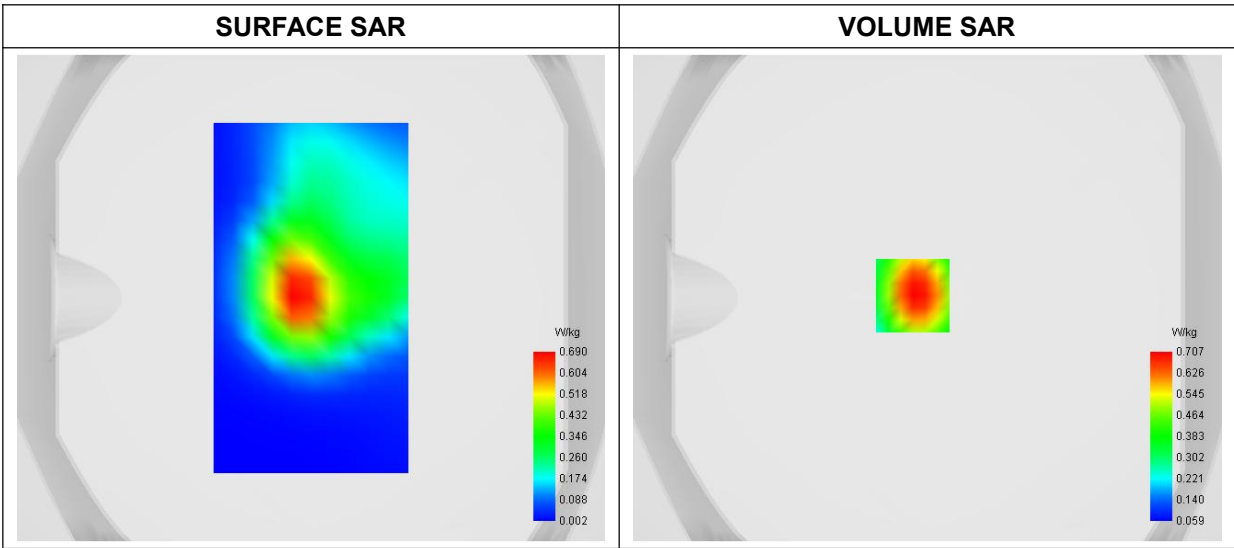
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	41.254216
Conductivity (S/m)	1.393689
Power Variation (%)	-1.541900
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume



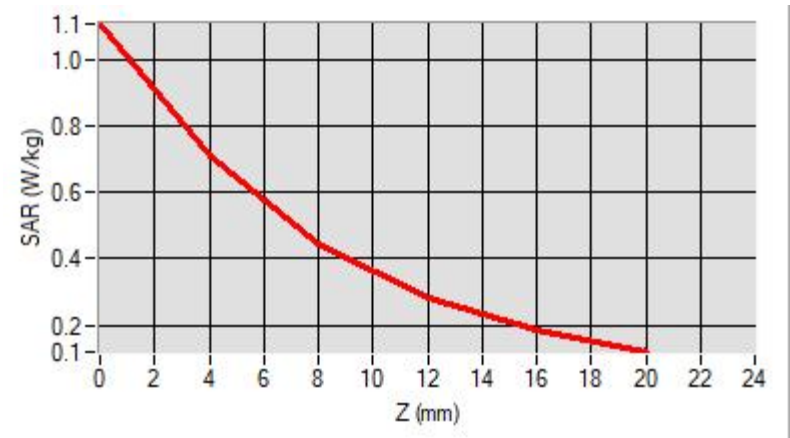
Maximum location: X=-6.00, Y=1.00

D. SAR 1g & 10g

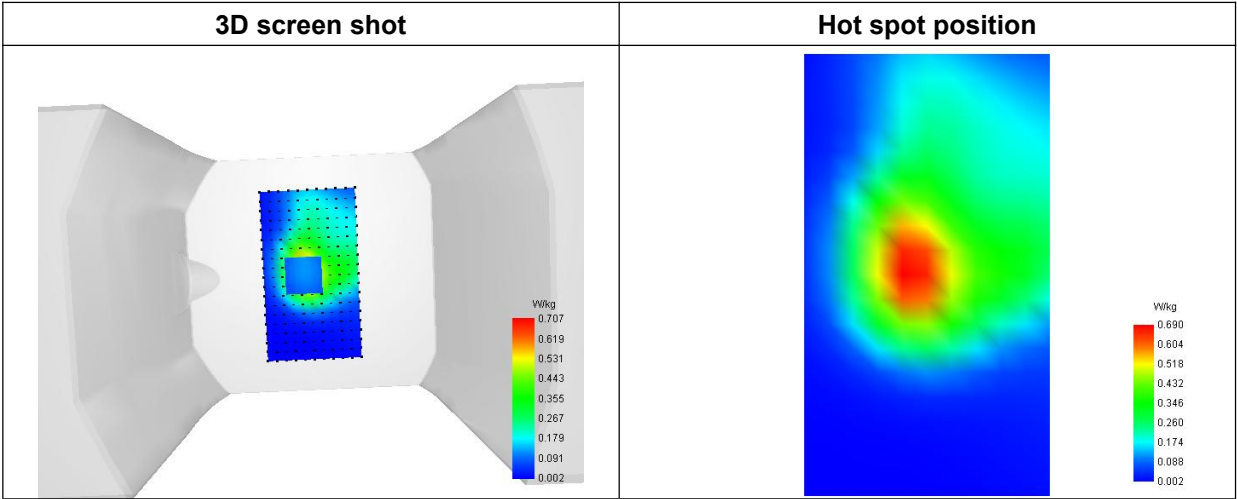
SAR 10g (W/Kg)	0.373941
SAR 1g (W/Kg)	0.664617

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1080	0.7072	0.4458	0.2838	0.1856



F. 3D Image



MEASUREMENT 57

Type: Measurement (Complete)
Date of measurement: 2024-07-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2024-06-07

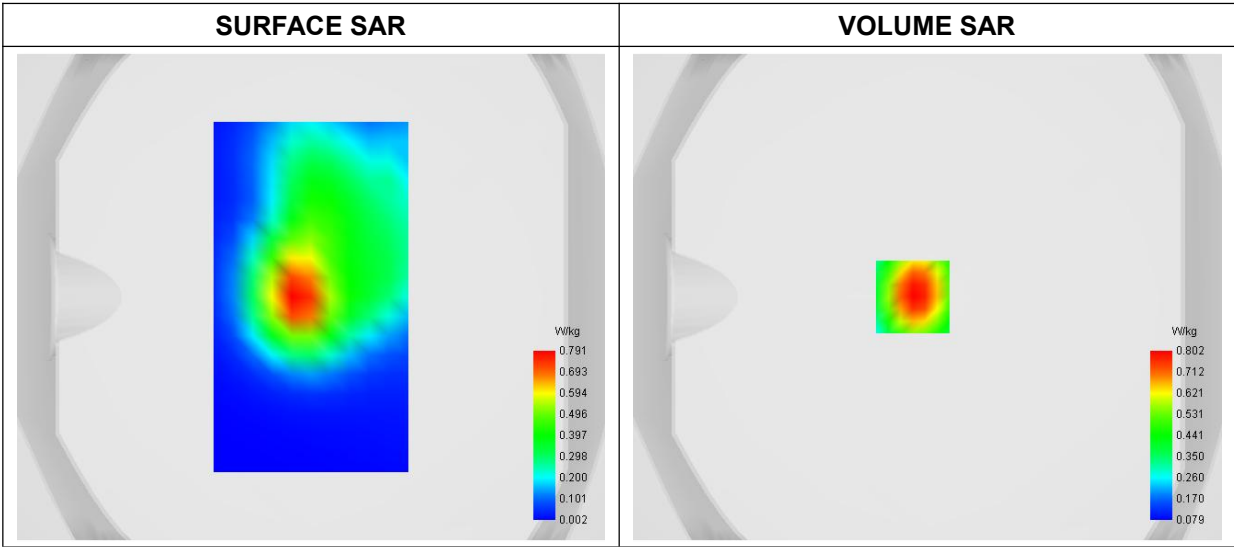
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.281207
Conductivity (S/m)	1.373485
Power Variation (%)	1.317400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

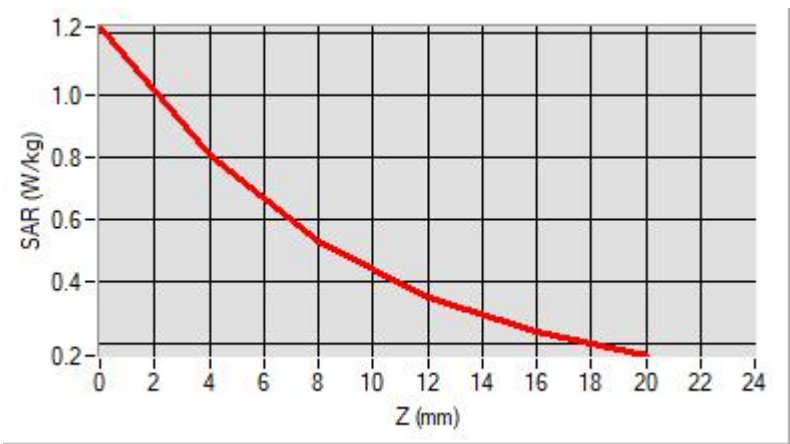


Maximum location: X=-6.00, Y=0.00
D. SAR 1g & 10g

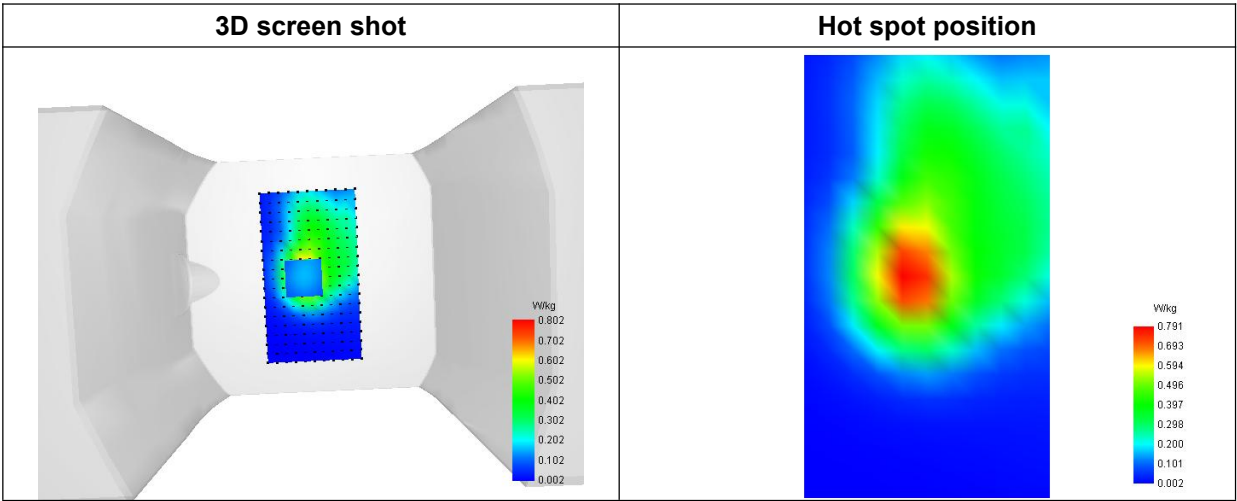
SAR 10g (W/Kg)	0.430192
SAR 1g (W/Kg)	0.749105

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.2161	0.8019	0.5250	0.3484	0.2375



F. 3D Image



MEASUREMENT 58

Type: Measurement (Complete)
Date of measurement: 2024-07-17
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2024-06-07

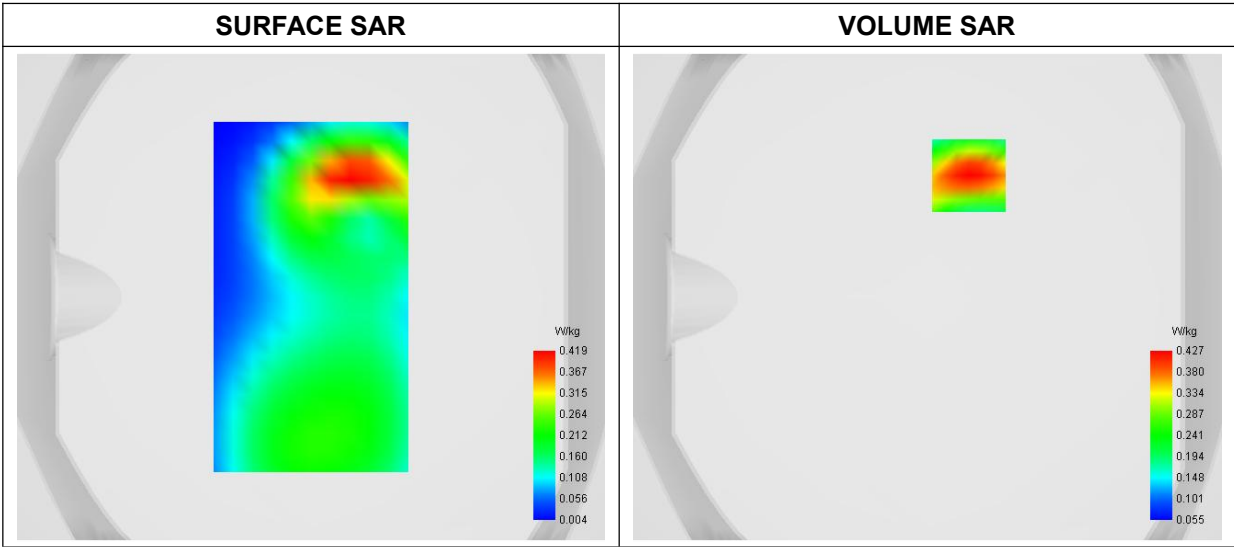
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	829.000000
Relative Permittivity (real part)	42.311862
Conductivity (S/m)	0.862012
Power Variation (%)	-0.414700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

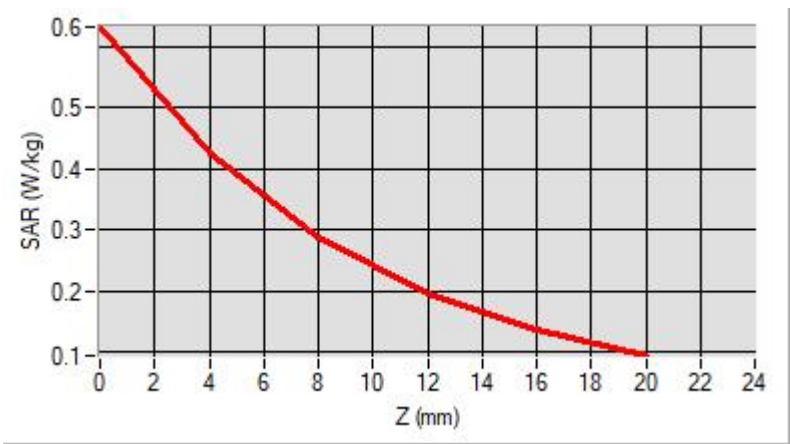


Maximum location: X=17.00, Y=50.00
D. SAR 1g & 10g

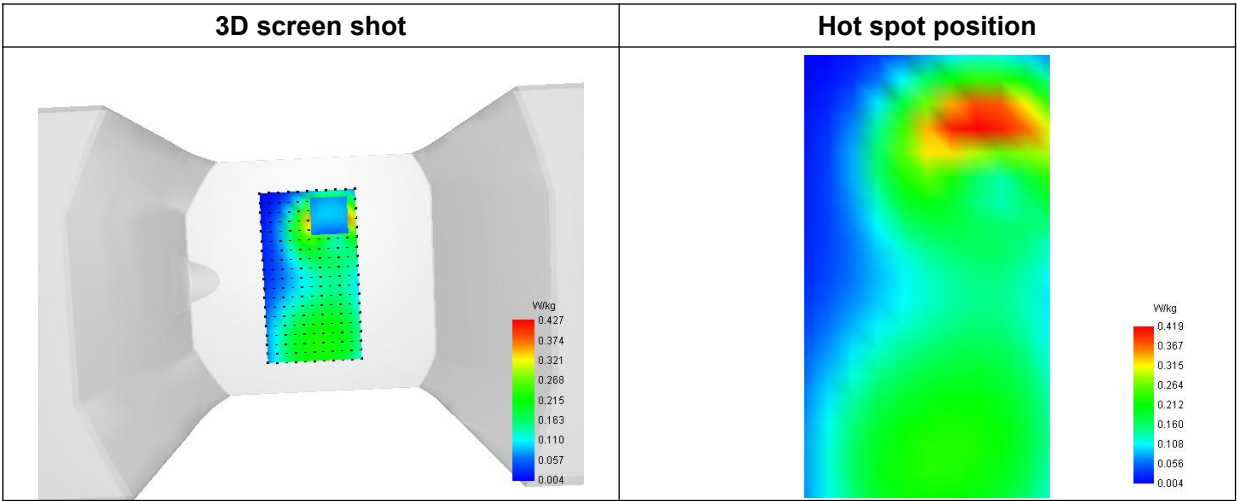
SAR 10g (W/Kg)	0.233743
SAR 1g (W/Kg)	0.396127

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.6326	0.4265	0.2863	0.1948	0.1360



F. 3D Image



MEASUREMENT 59

Type: Measurement (Complete)
Date of measurement: 2024-07-26
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.22; Calibrated: 2024-06-07

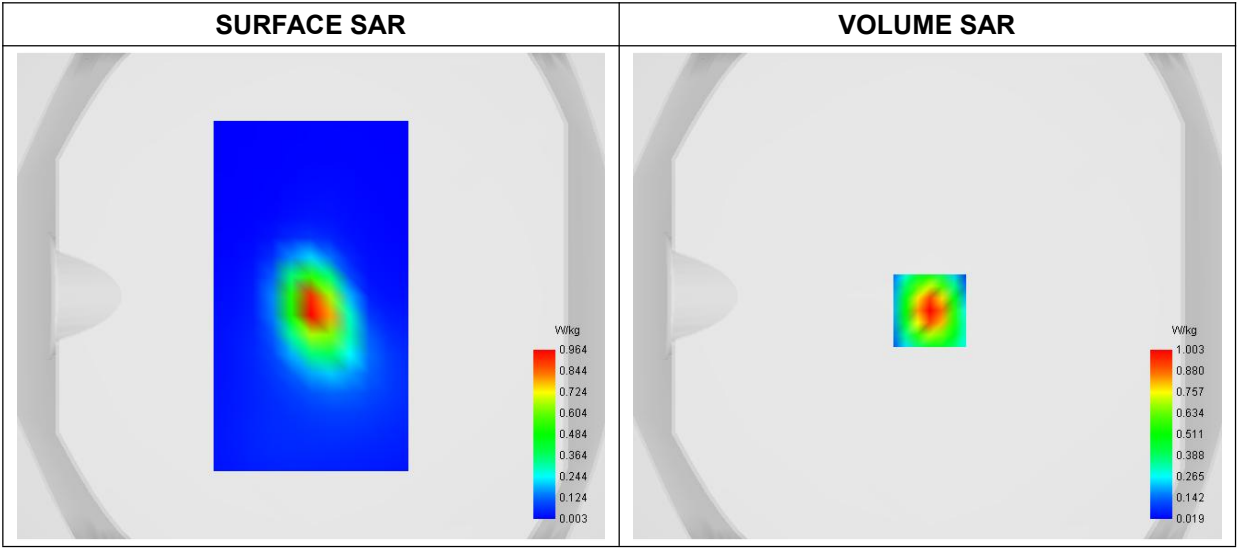
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Top
Band	FDD-LTE Band 7_QPSK, 20MHz
Channels	Low
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2510.000000
Relative Permittivity (real part)	38.772353
Conductivity (S/m)	1.924857
Power Variation (%)	1.816500
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

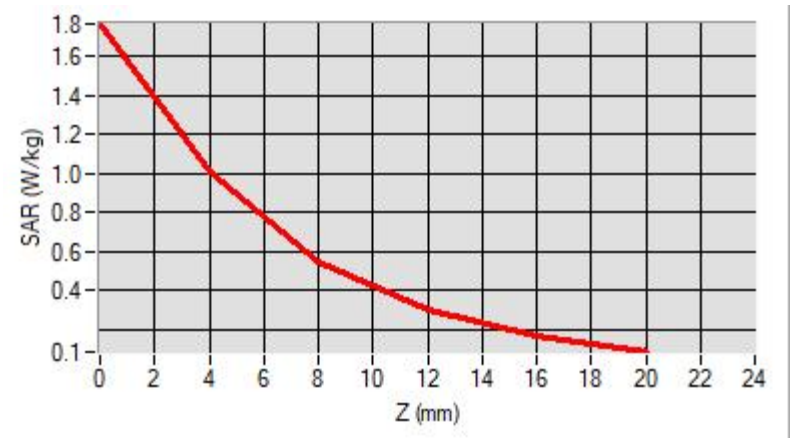


Maximum location: X=1.00, Y=-6.00
D. SAR 1g & 10g

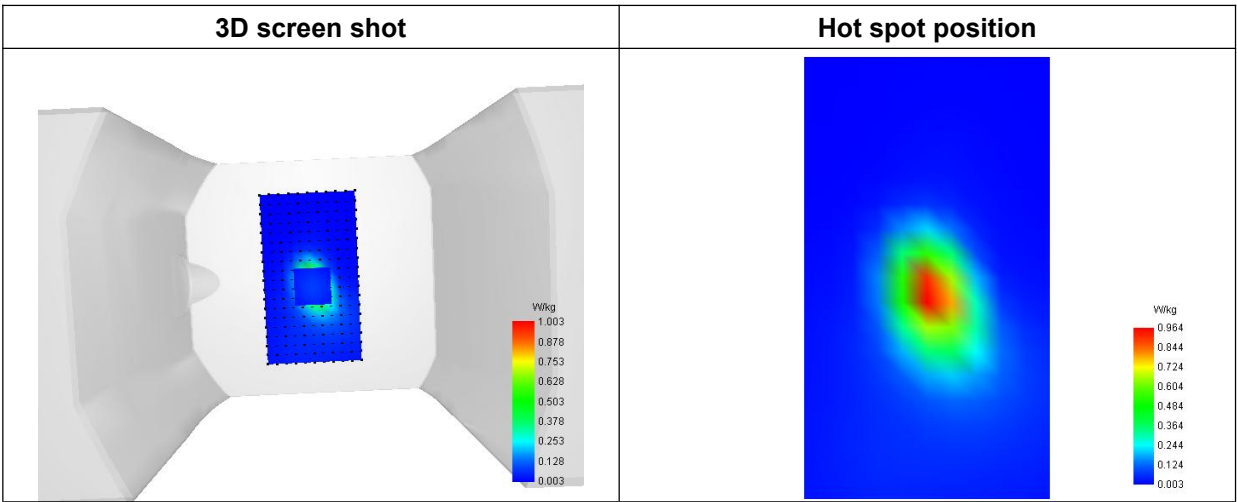
SAR 10g (W/Kg)	0.398923
SAR 1g (W/Kg)	0.892782

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.7665	1.0030	0.5479	0.2963	0.1636



F. 3D Image



MEASUREMENT 60

Type: Measurement (Complete)
Date of measurement: 2024-07-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2024-06-07

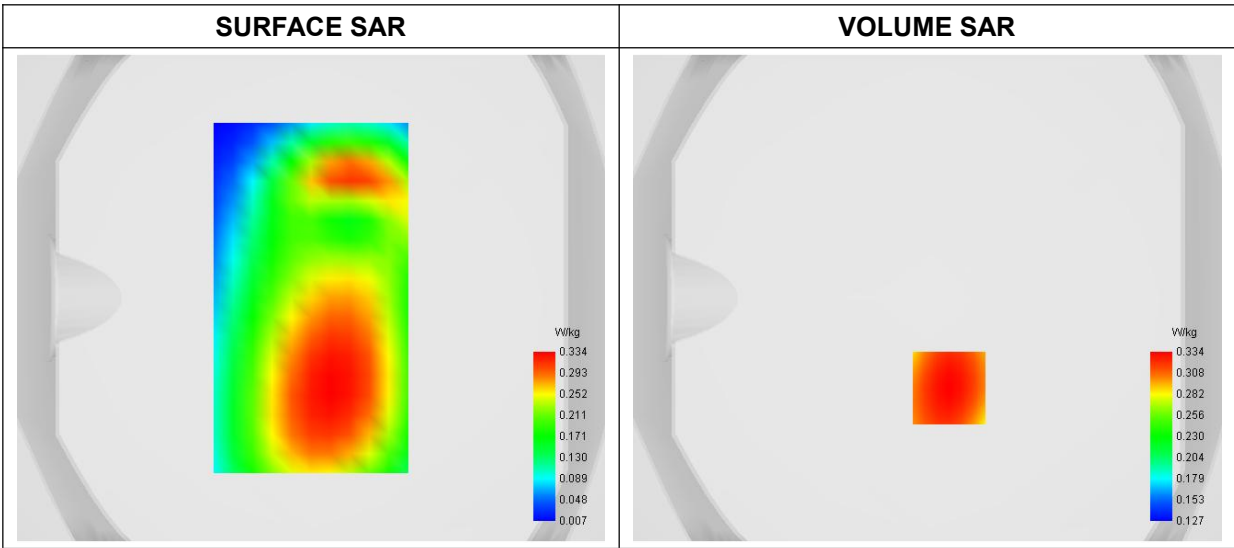
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	704.000000
Relative Permittivity (real part)	42.342353
Conductivity (S/m)	0.854571
Power Variation (%)	-1.816500
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

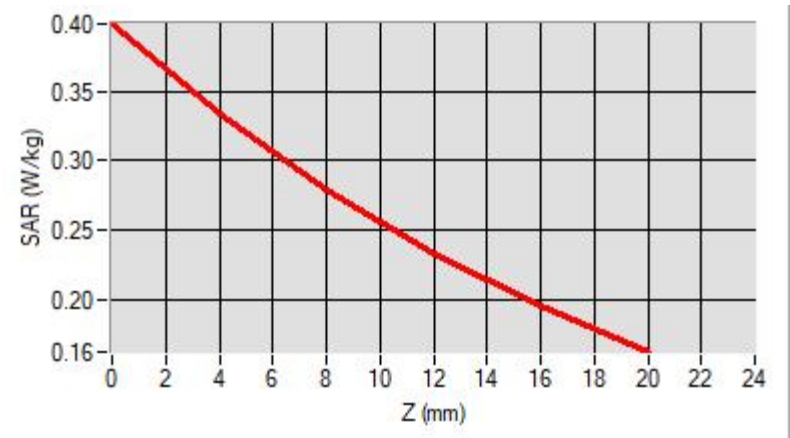


Maximum location: X=9.00, Y=-37.00
D. SAR 1g & 10g

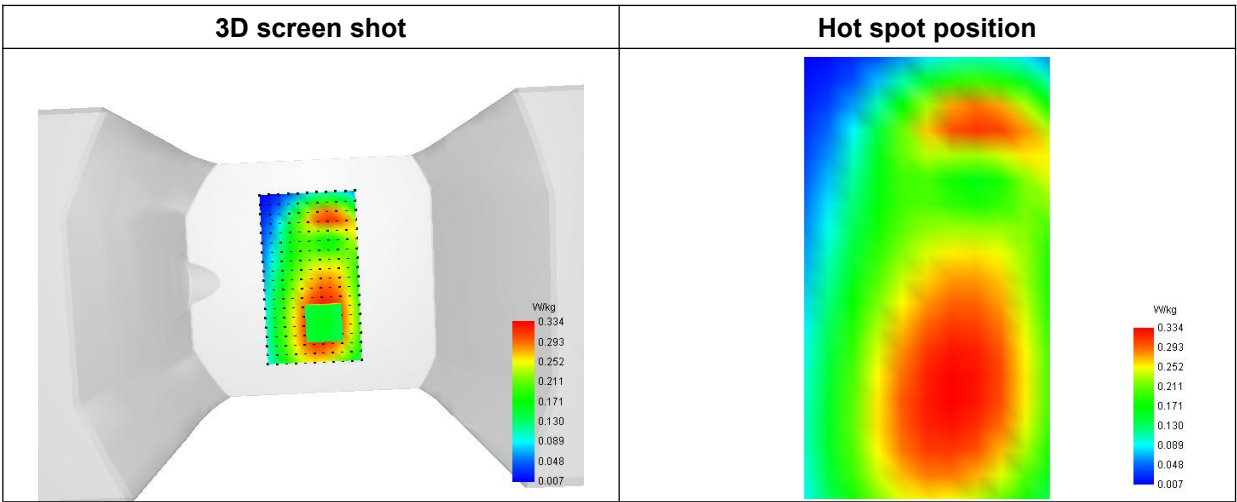
SAR 10g (W/Kg)	0.248628
SAR 1g (W/Kg)	0.322821

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3991	0.3337	0.2787	0.2331	0.1949



F. 3D Image



MEASUREMENT 61

Type: Measurement (Complete)
Date of measurement: 2024-07-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.67; Calibrated: 2024-06-07

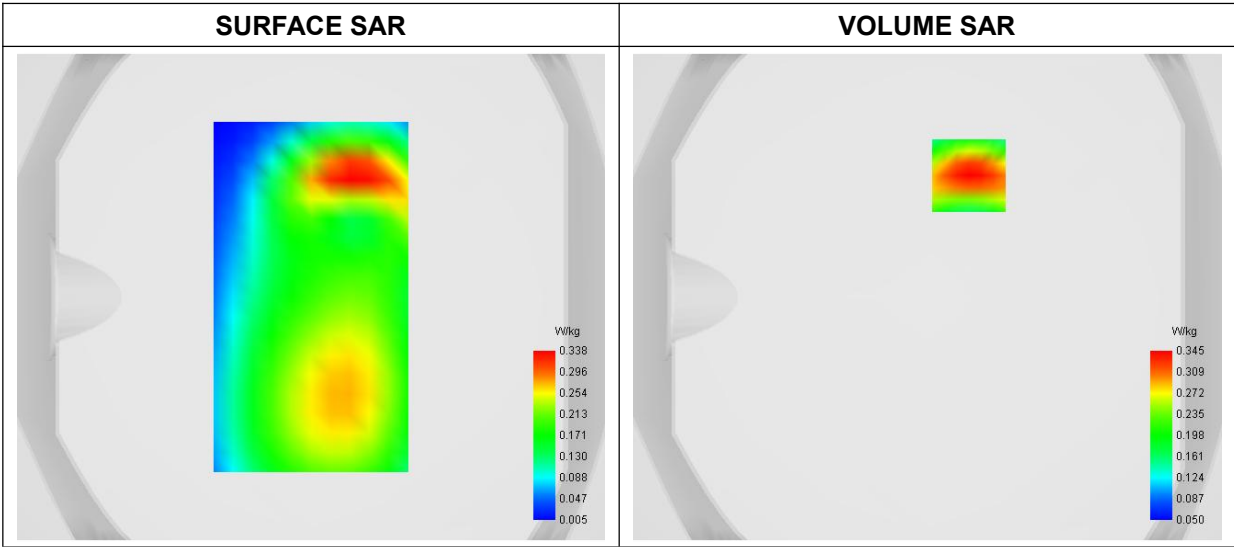
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	42.342178
Conductivity (S/m)	0.850311
Power Variation (%)	-1.517800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

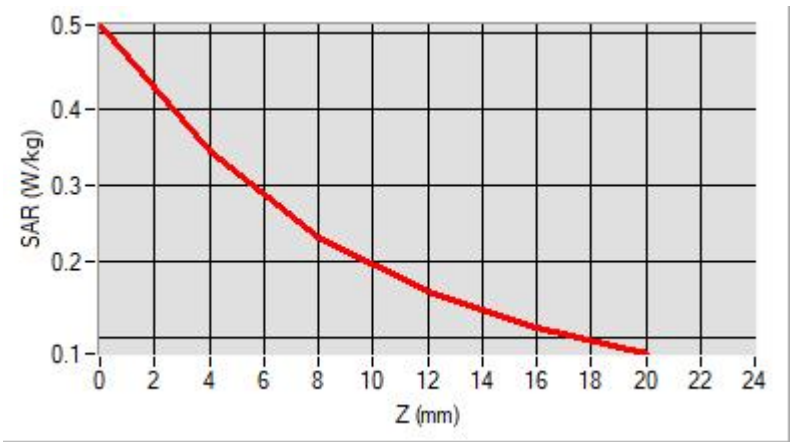


Maximum location: X=17.00, Y=50.00
D. SAR 1g & 10g

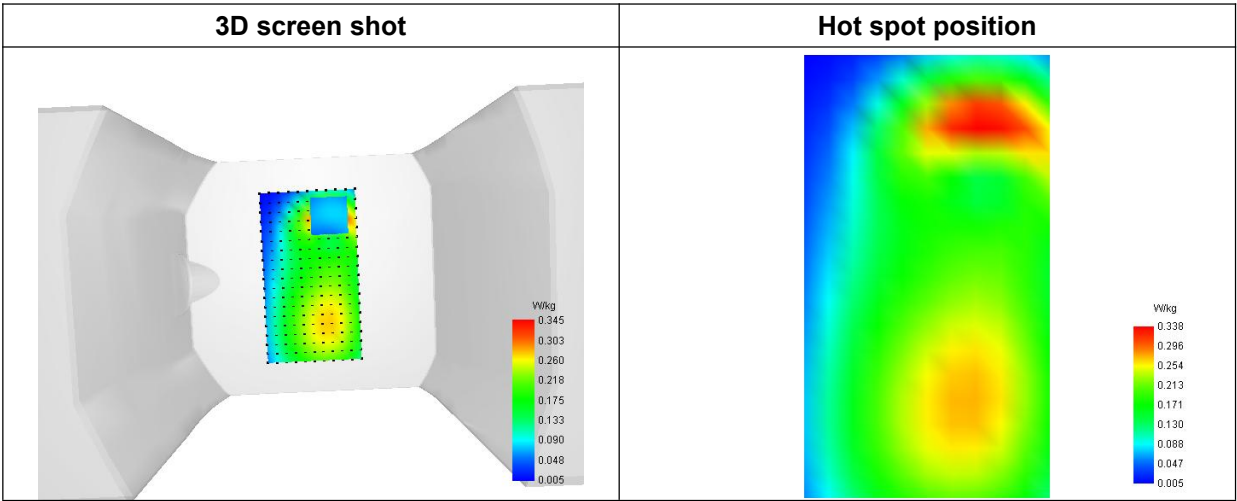
SAR 10g (W/Kg)	0.193433
SAR 1g (W/Kg)	0.321942

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.5107	0.3454	0.2331	0.1600	0.1131



F. 3D Image



MEASUREMENT 62

Type: Measurement (Complete)
Date of measurement: 2024-07-23
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2024-06-07

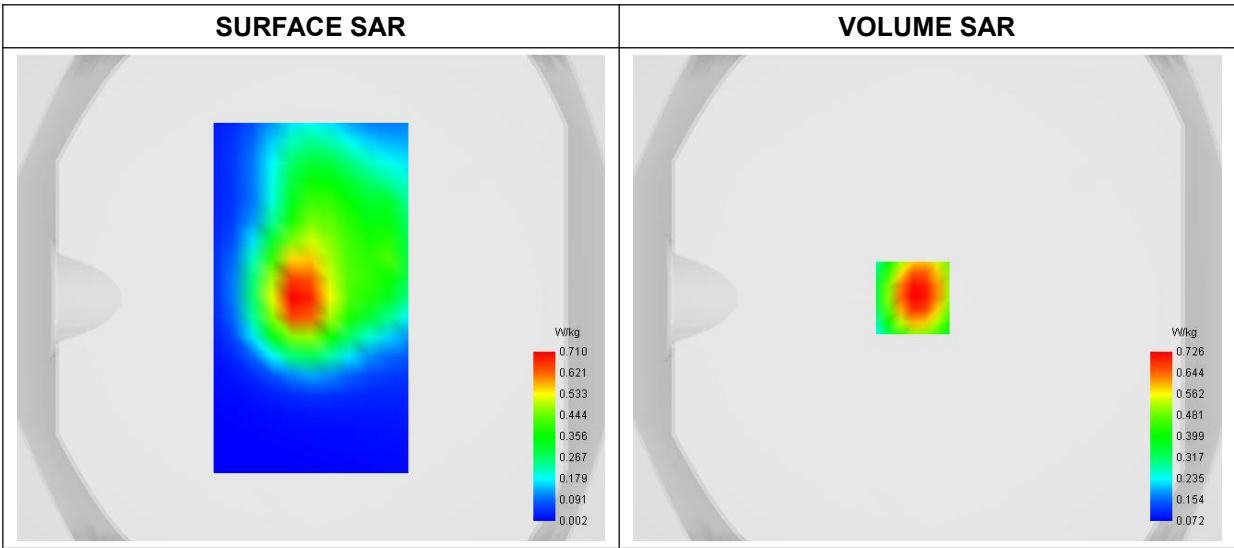
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	TDD-LTE Band 66_QPSK, 20MHz
Channels	Low
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1720.000000
Relative Permittivity (real part)	39.281207
Conductivity (S/m)	1.373485
Power Variation (%)	1.416400
Ambient Temperature	22.2
Liquid Temperature	22.2

C. SAR Surface and Volume

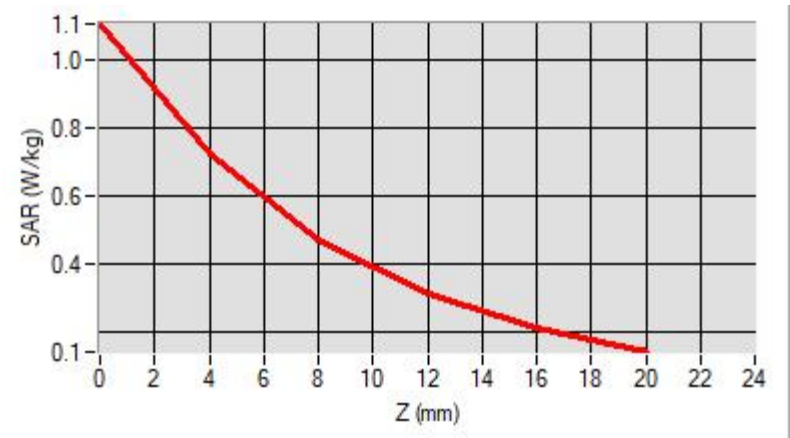


Maximum location: X=-6.00, Y=0.00
D. SAR 1g & 10g

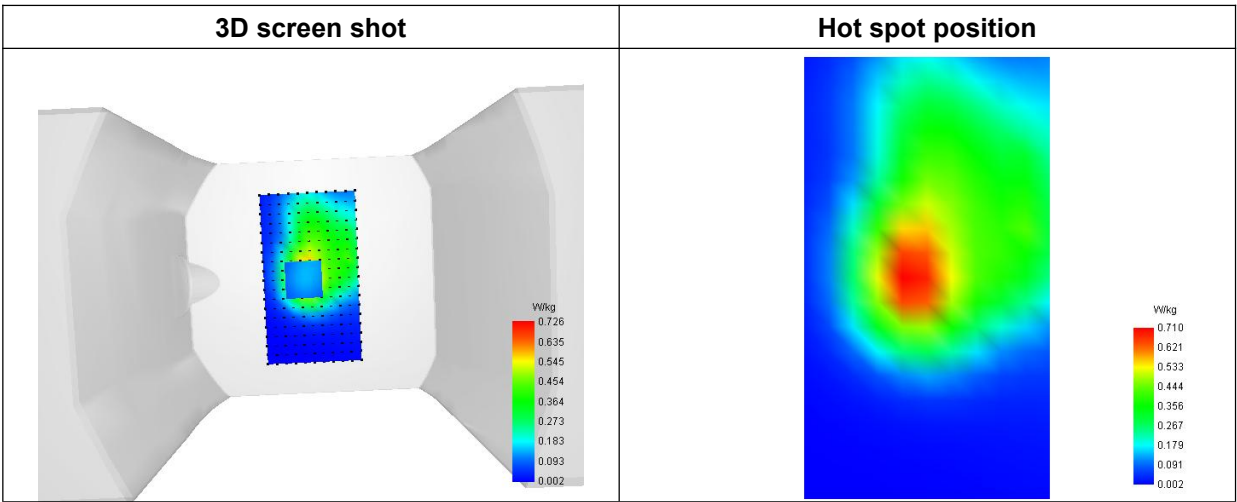
SAR 10g (W/Kg)	0.394970
SAR 1g (W/Kg)	0.683654

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.1043	0.7258	0.4736	0.3134	0.2132



F. 3D Image



MEASUREMENT 63

Type: Measurement (Complete)
Date of measurement: 2024-07-30
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2024-06-07

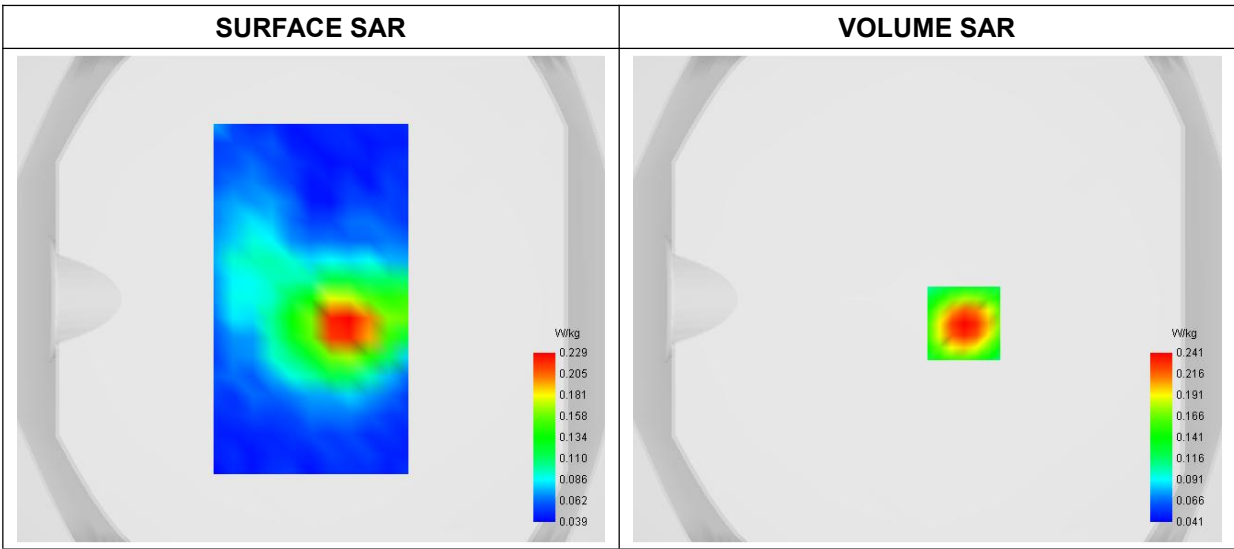
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	NR n78_3450-3550MHz _DFT-s-OFDM QPSK 100MHz
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3500.000000
Relative Permittivity (real part)	36.921735
Conductivity (S/m)	3.051812
Power Variation (%)	-0.817600
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

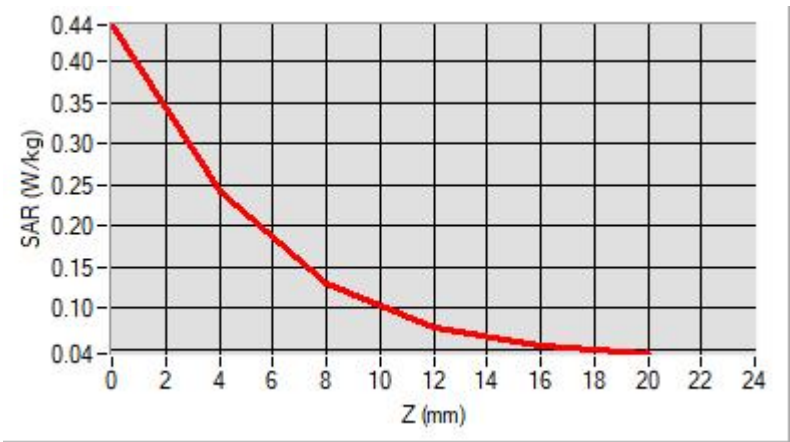


Maximum location: X=15.00, Y=-10.00
D. SAR 1g & 10g

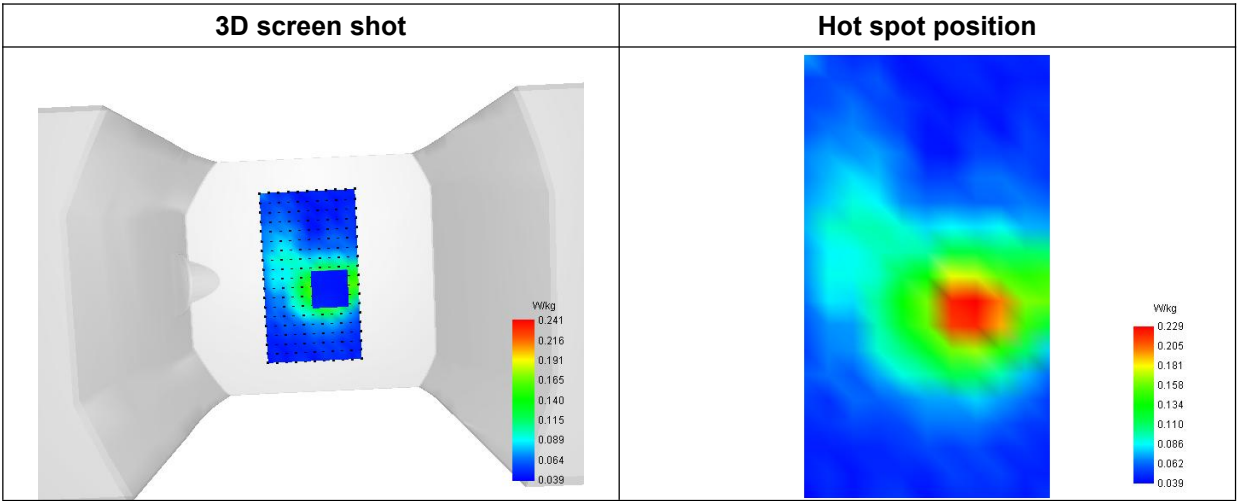
SAR 10g (W/Kg)	0.121135
SAR 1g (W/Kg)	0.220487

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4441	0.2412	0.1302	0.0769	0.0548



F. 3D Image



MEASUREMENT 64

Type: Measurement (Complete)
Date of measurement: 2024-07-31
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2024-06-07

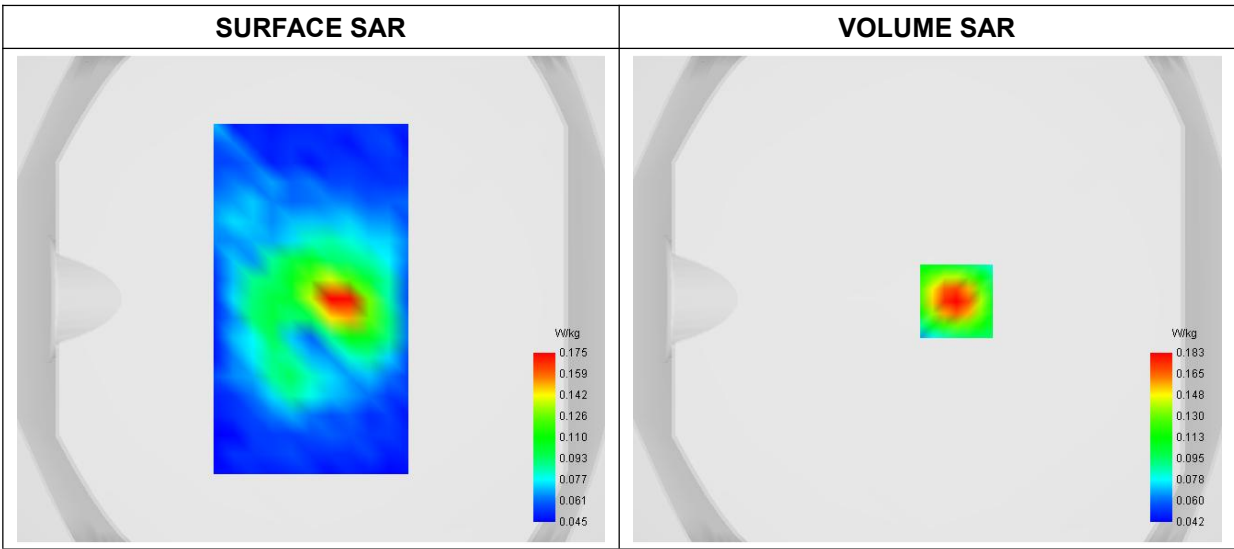
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	NR n78_3700-3800MHz_DFT-s-OFDM QPSK 100MHz
Channels	Low
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3750.000000
Relative Permittivity (real part)	35.524623
Conductivity (S/m)	3.314571
Power Variation (%)	3.219600
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

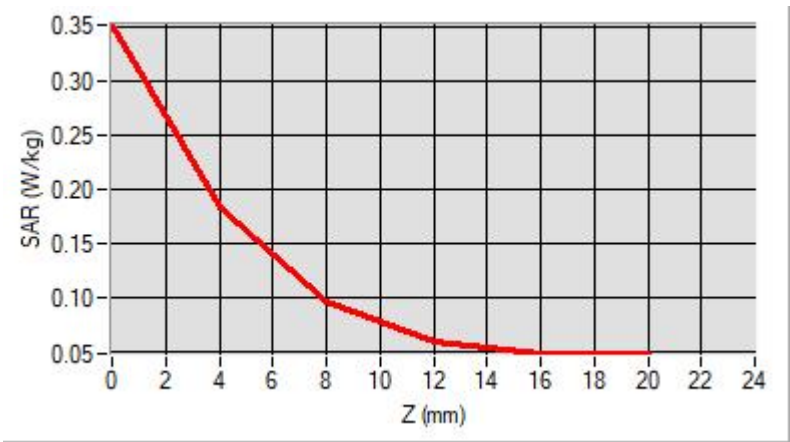


Maximum location: X=12.00, Y=-1.00
D. SAR 1g & 10g

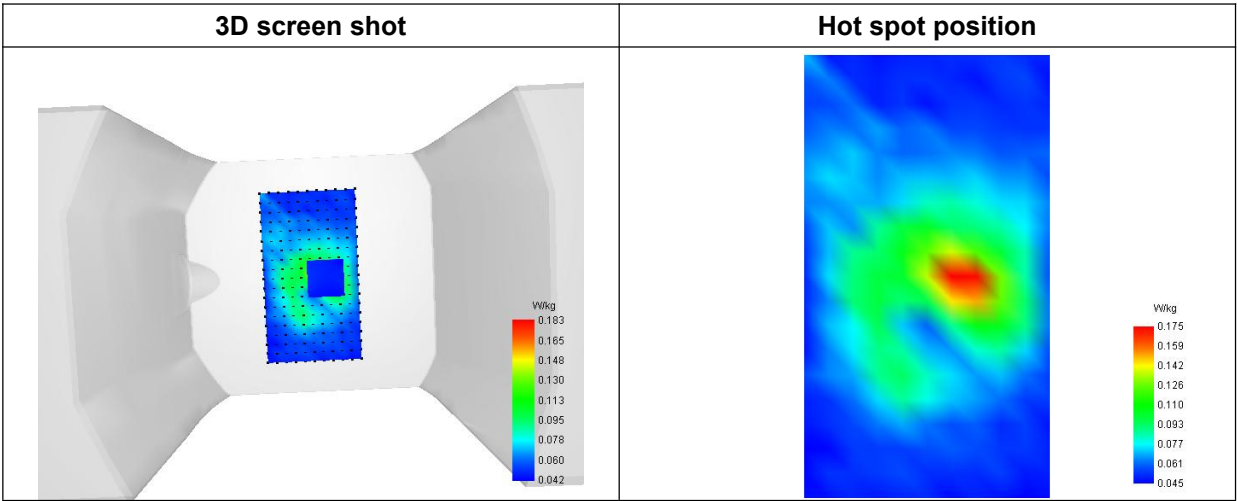
SAR 10g (W/Kg)	0.097325
SAR 1g (W/Kg)	0.172822

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3514	0.1830	0.0960	0.0591	0.0485



F. 3D Image



MEASUREMENT 65

Type: Measurement (Complete)
Date of measurement: 2024-07-30
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2024-06-07

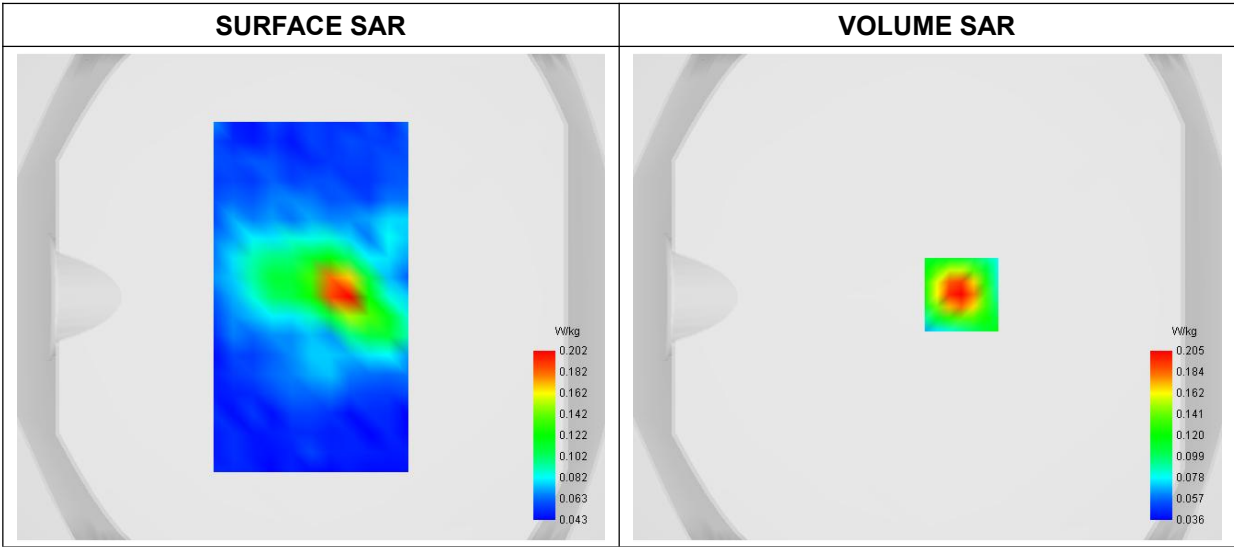
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	DC_2A_n78A3450-3550MHz _ DFT-s-OFDM QPSK 100MHz
Channels	Low
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3500.000000
Relative Permittivity (real part)	36.921735
Conductivity (S/m)	3.051812
Power Variation (%)	3.219600
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

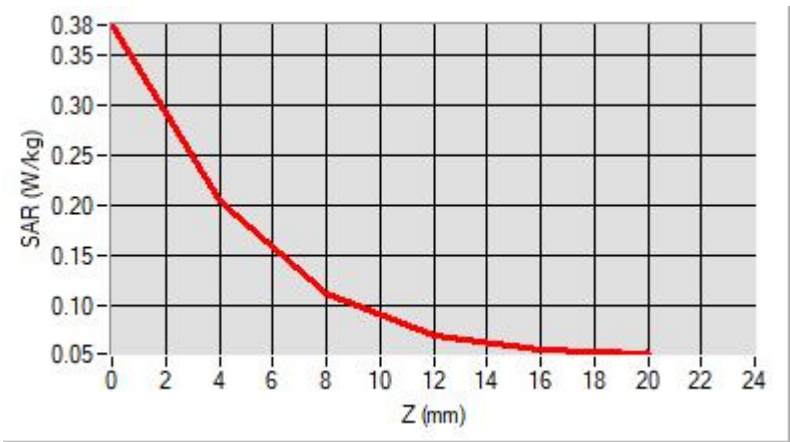


Maximum location: X=14.00, Y=1.00
D. SAR 1g & 10g

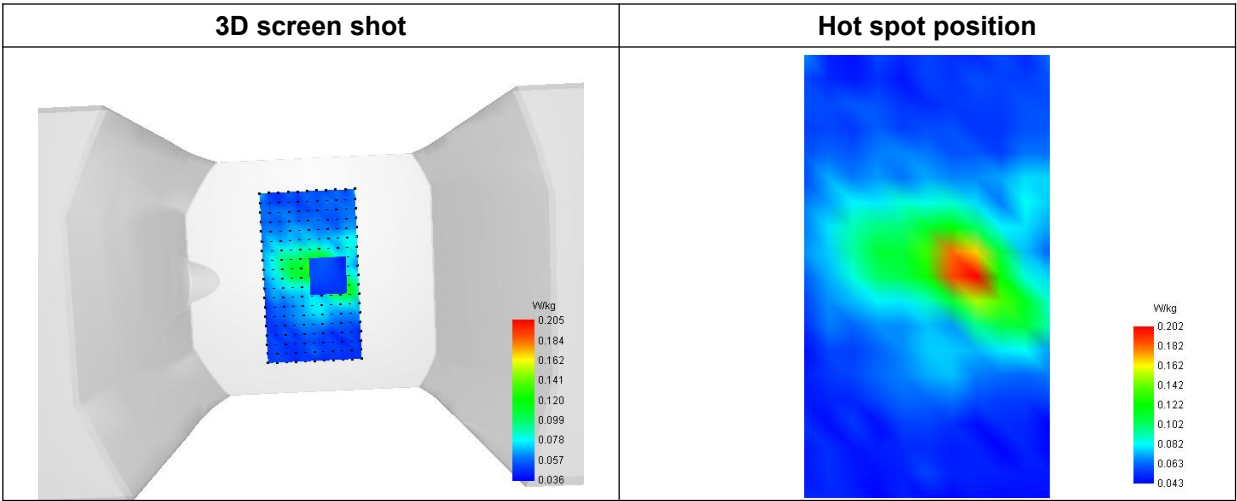
SAR 10g (W/Kg)	0.105487
SAR 1g (W/Kg)	0.191012

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3808	0.2047	0.1111	0.0692	0.0550



F. 3D Image



MEASUREMENT 66

Type: Measurement (Complete)
Date of measurement: 2024-07-31
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2024-06-07

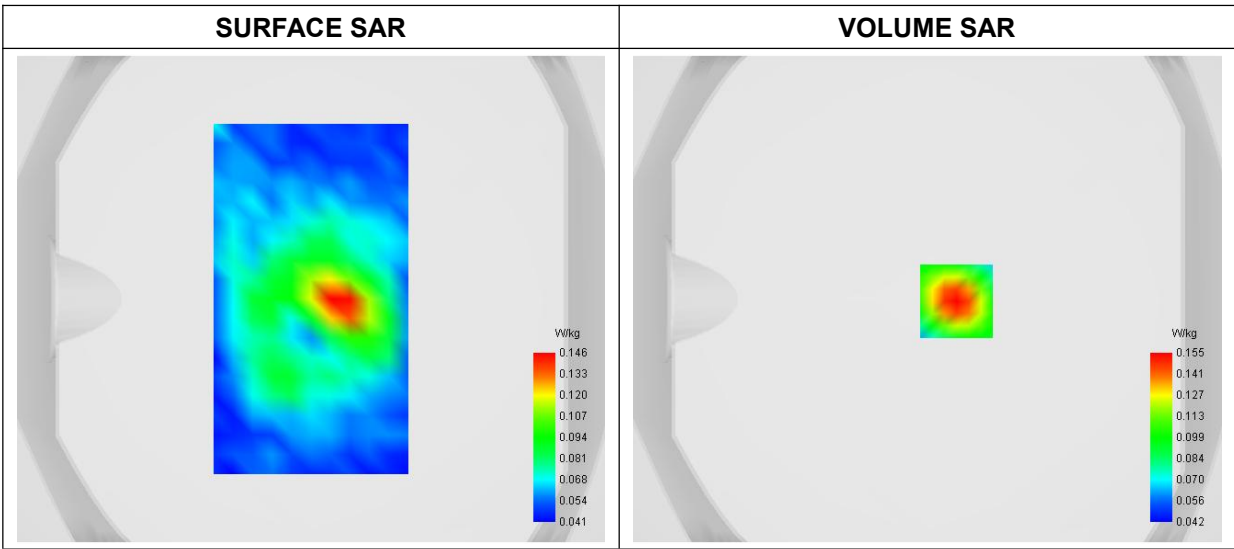
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	DC_2A_n78A_3700-3800MHz _ DFT-s-OFDM QPSK 100MHz
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3750.000000
Relative Permittivity (real part)	35.524623
Conductivity (S/m)	3.314571
Power Variation (%)	3.219600
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

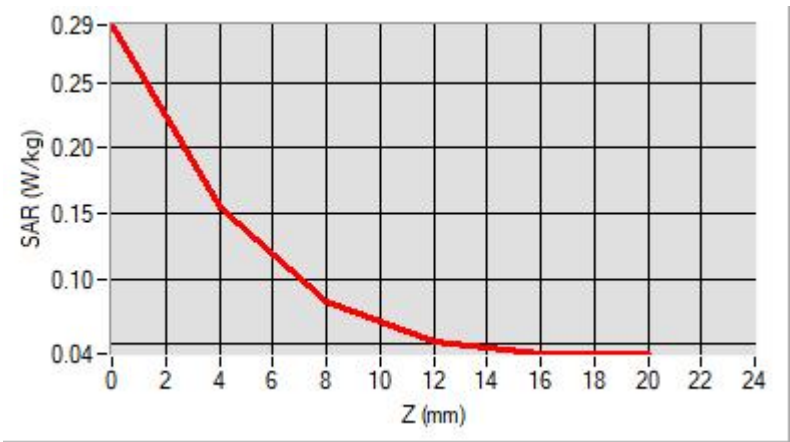


Maximum location: X=12.00, Y=-1.00
D. SAR 1g & 10g

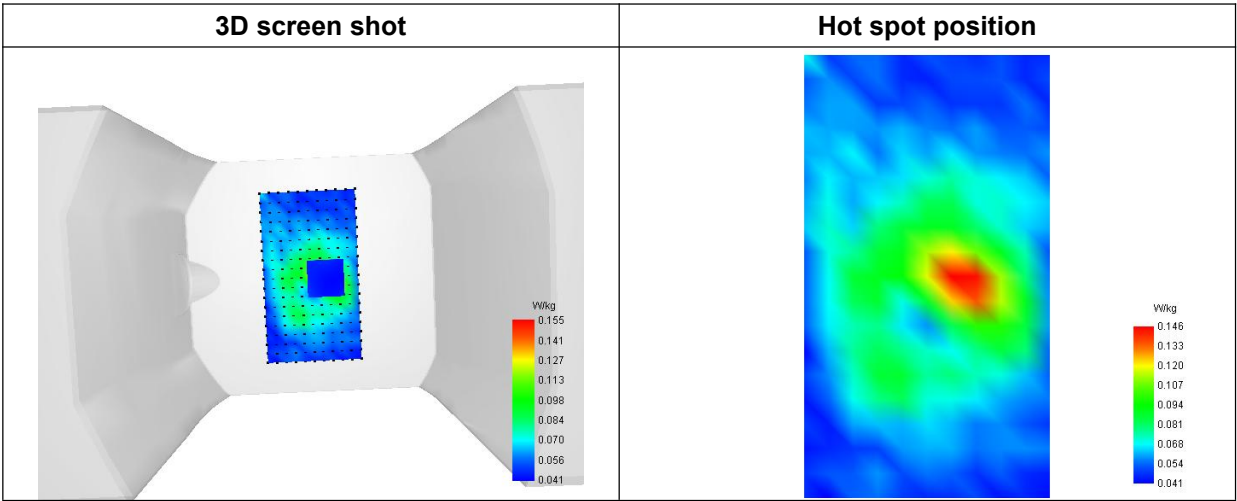
SAR 10g (W/Kg)	0.085495
SAR 1g (W/Kg)	0.147425

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.2941	0.1553	0.0830	0.0520	0.0430



F. 3D Image



MEASUREMENT 67

Type: Measurement (Complete)
Date of measurement: 2024-07-30
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.07; Calibrated: 2024-06-07

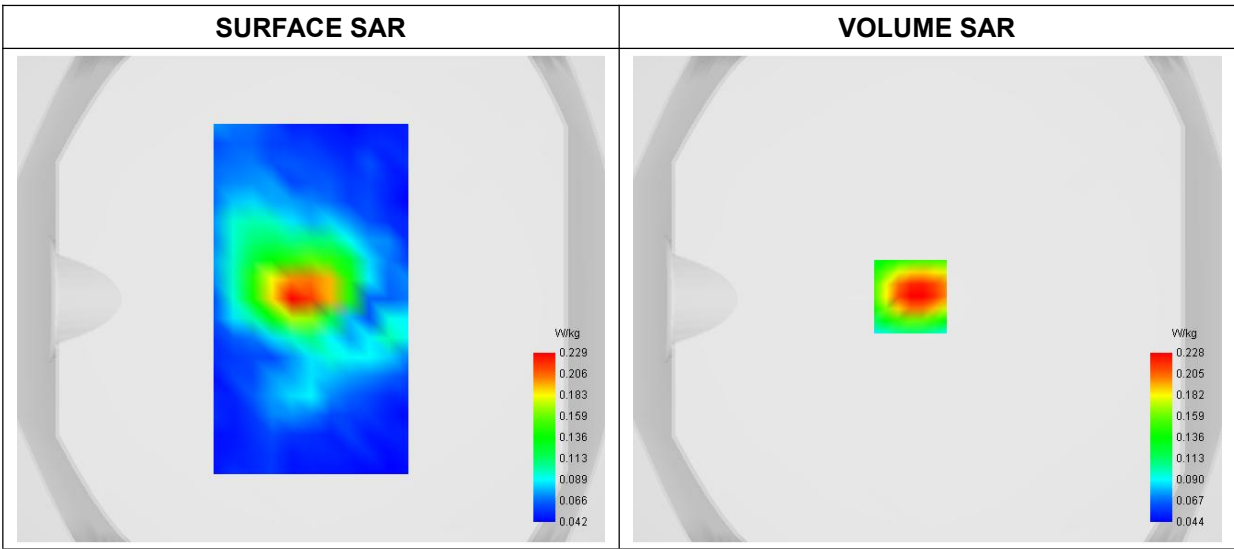
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	DC_7A_n78A_3450-3550MHz_ DFT-s-OFDM QPSK 100MHz
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3500.000000
Relative Permittivity (real part)	36.921735
Conductivity (S/m)	3.051812
Power Variation (%)	3.191600
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

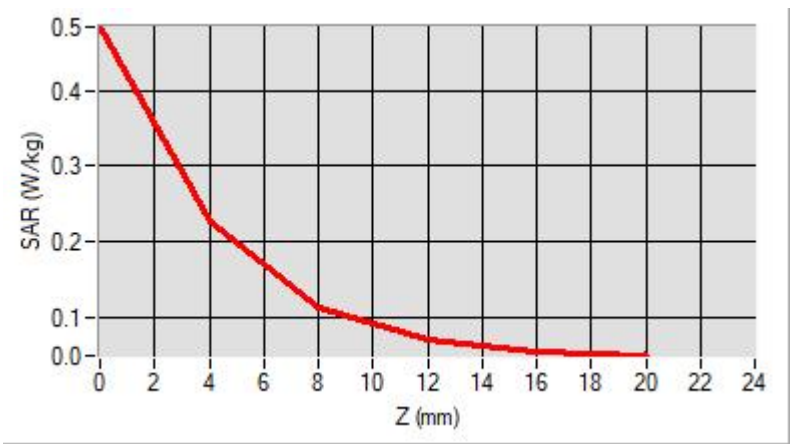


Maximum location: X=-7.00, Y=1.00
D. SAR 1g & 10g

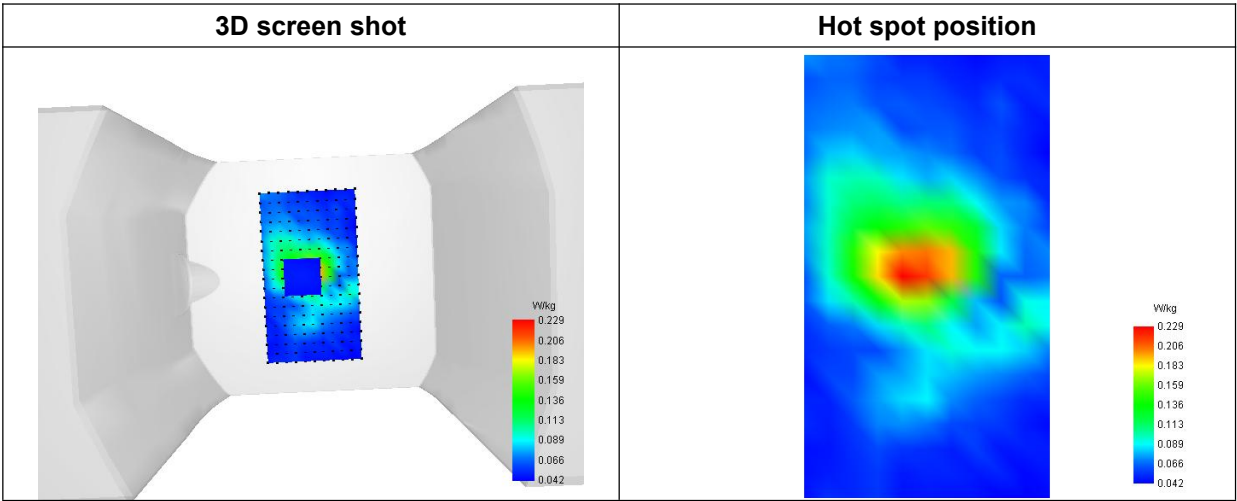
SAR 10g (W/Kg)	0.115334
SAR 1g (W/Kg)	0.210054

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4843	0.2278	0.1128	0.0693	0.0538



F. 3D Image



MEASUREMENT 68

Type: Measurement (Complete)
Date of measurement: 2024-07-31
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.27; Calibrated: 2024-06-07

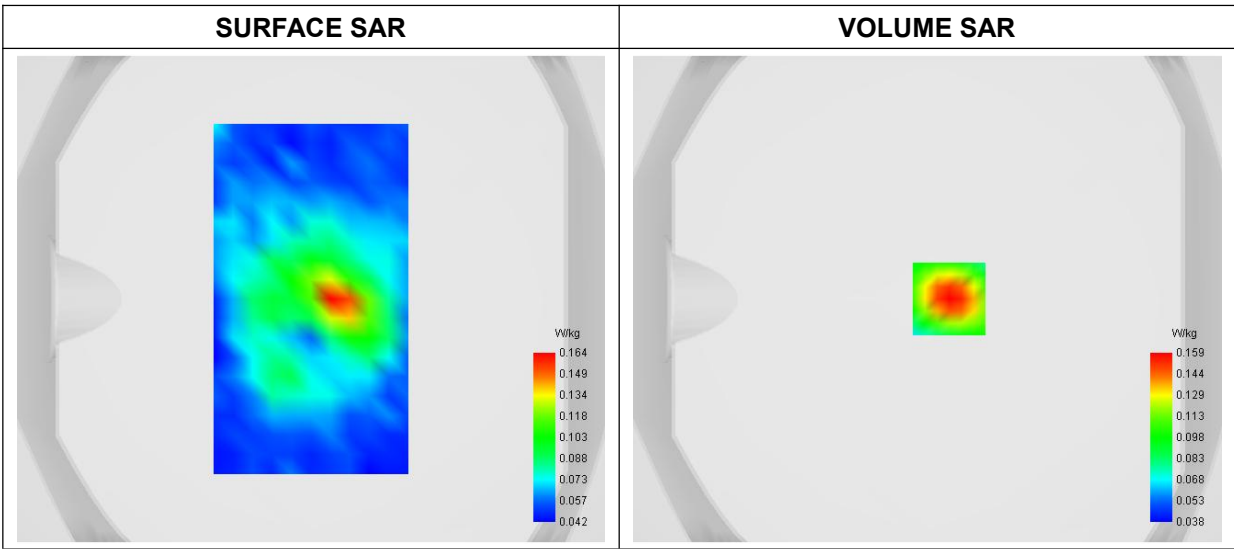
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	DC_7A_n78A_3700-3800MHz _ DFT-s-OFDM QPSK 100MHz
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	3750.000000
Relative Permittivity (real part)	35.524623
Conductivity (S/m)	3.314571
Power Variation (%)	3.210600
Ambient Temperature	22.4
Liquid Temperature	22.4

C. SAR Surface and Volume

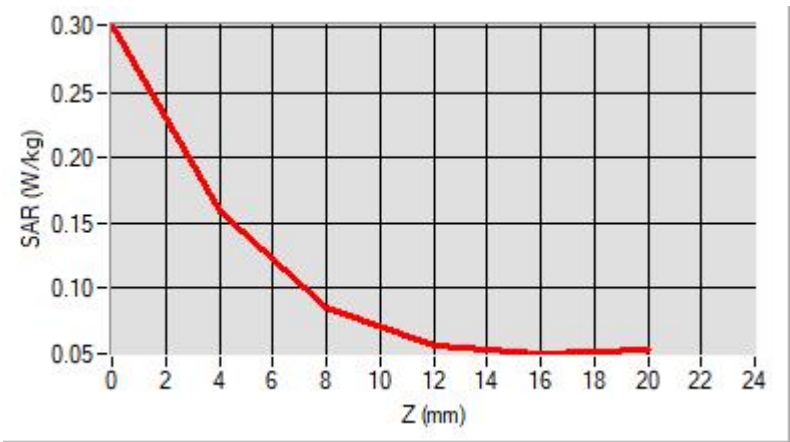


Maximum location: X=9.00, Y=0.00
D. SAR 1g & 10g

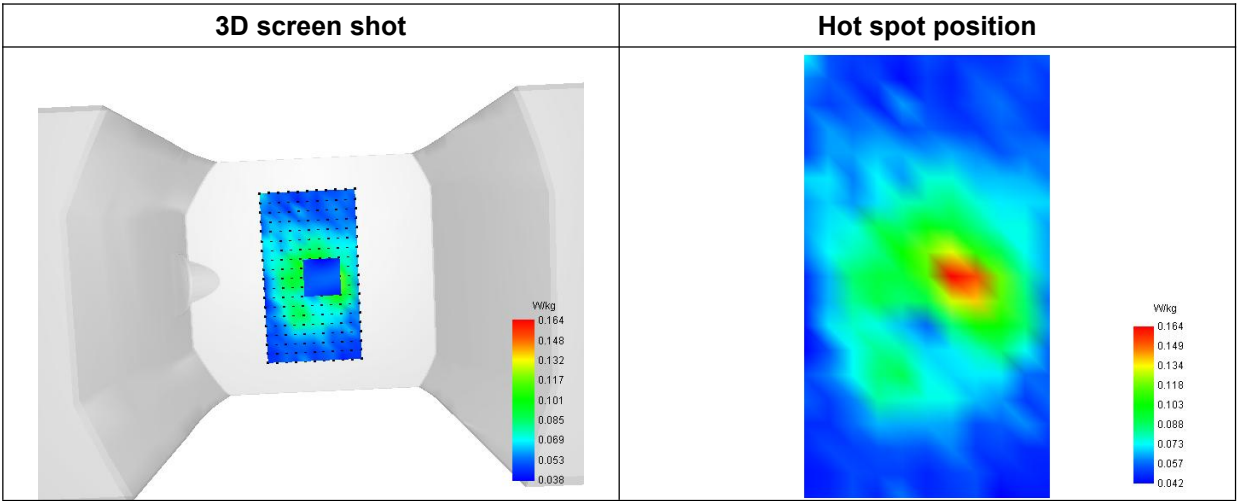
SAR 10g (W/Kg)	0.090113
SAR 1g (W/Kg)	0.151573

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3017	0.1589	0.0857	0.0560	0.0498



F. 3D Image



MEASUREMENT 69

Type: Measurement (Complete)
Date of measurement: 2024-08-02
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2024-06-07

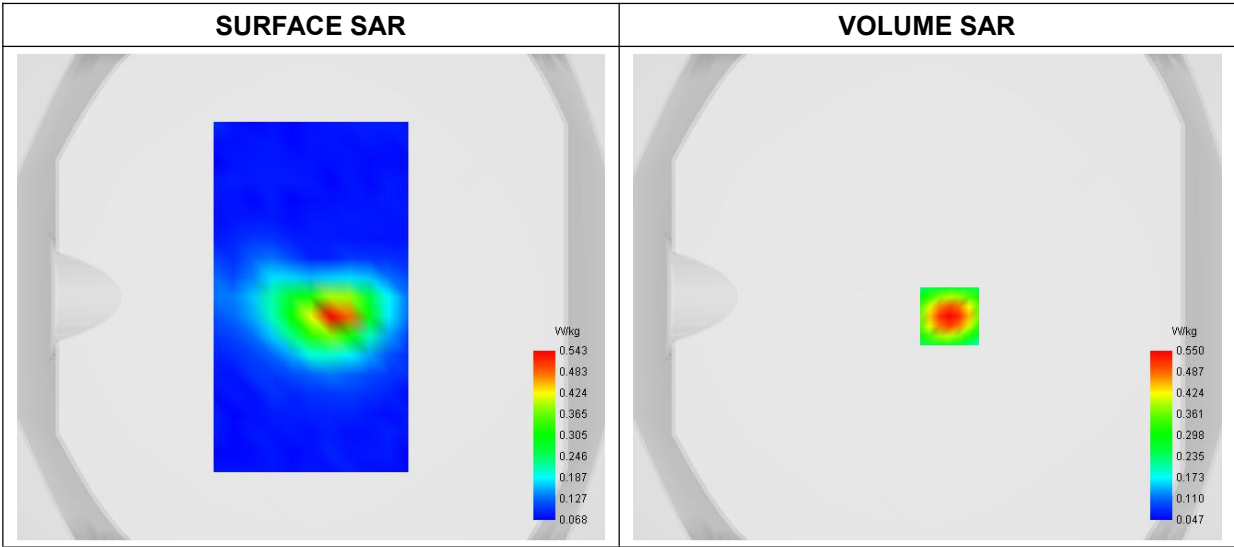
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.2GHz)_802.11a
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5240.000000
Relative Permittivity (real part)	36.931548
Conductivity (S/m)	4.634785
Power Variation (%)	-1.651700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

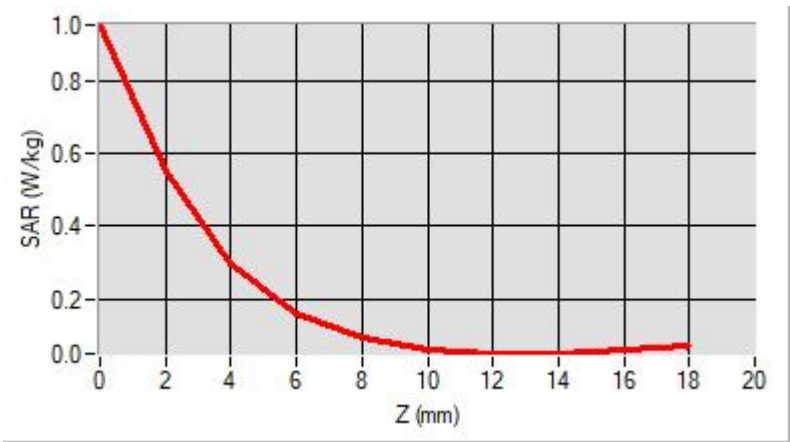


Maximum location: X=9.00, Y=-8.00
D. SAR 1g & 10g

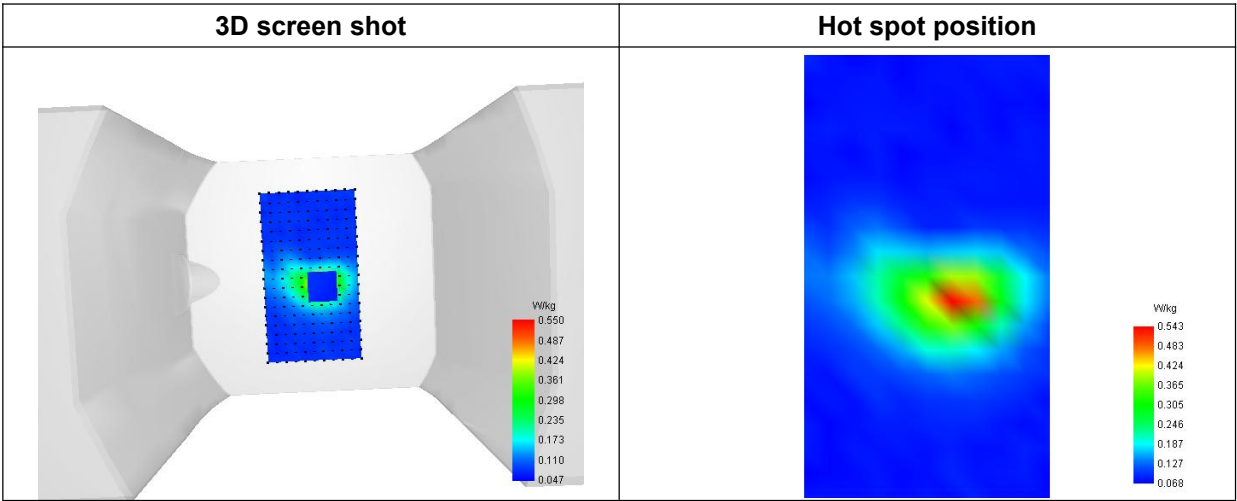
SAR 10g (W/Kg)	0.144101
SAR 1g (W/Kg)	0.319848

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)	0.9517	0.5499	0.2996	0.1601	0.0915	0.0607	0.0498	0.0506	0.0591



F. 3D Image



MEASUREMENT 70

Type: Measurement (Complete)
Date of measurement: 2024-08-03
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2024-06-07

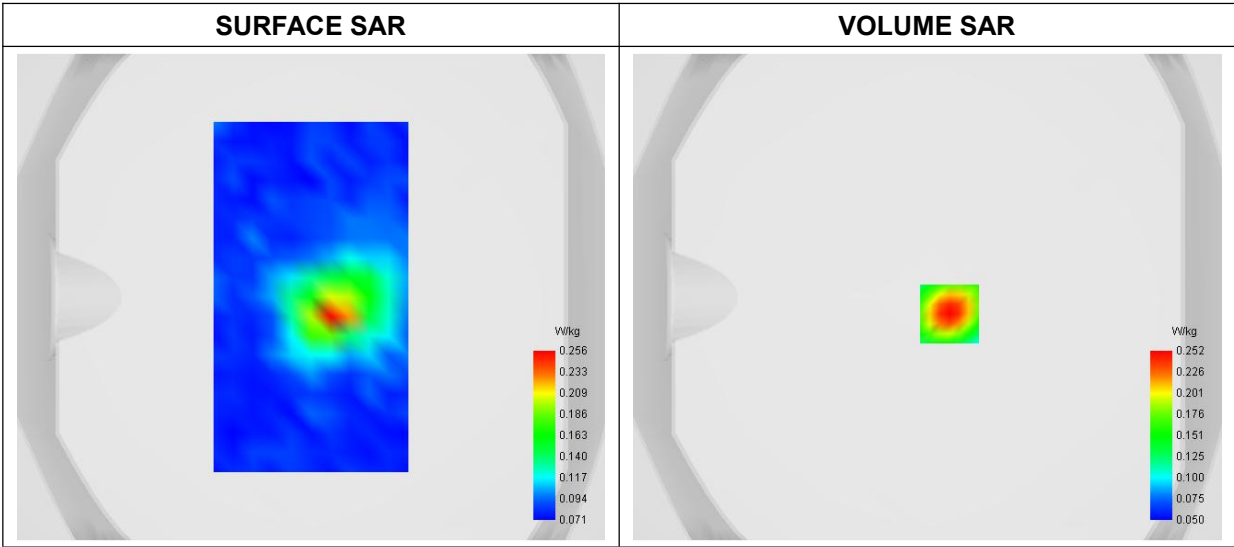
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.8GHz)_802.11a
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative Permittivity (real part)	35.172917
Conductivity (S/m)	5.321778
Power Variation (%)	3.249600
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

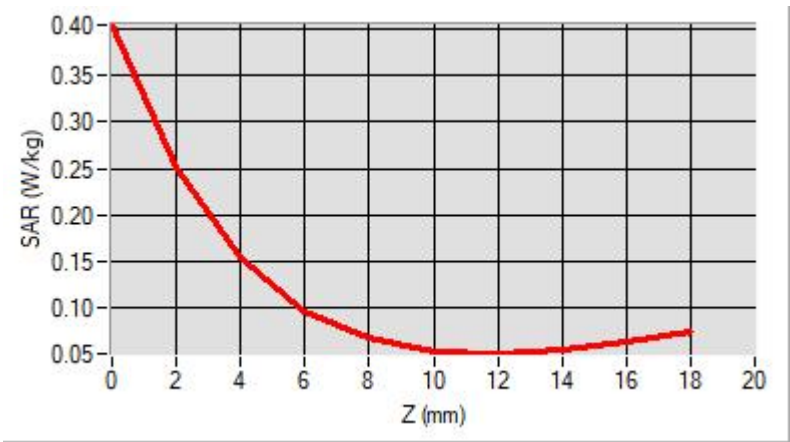


Maximum location: X=9.00, Y=-7.00
D. SAR 1g & 10g

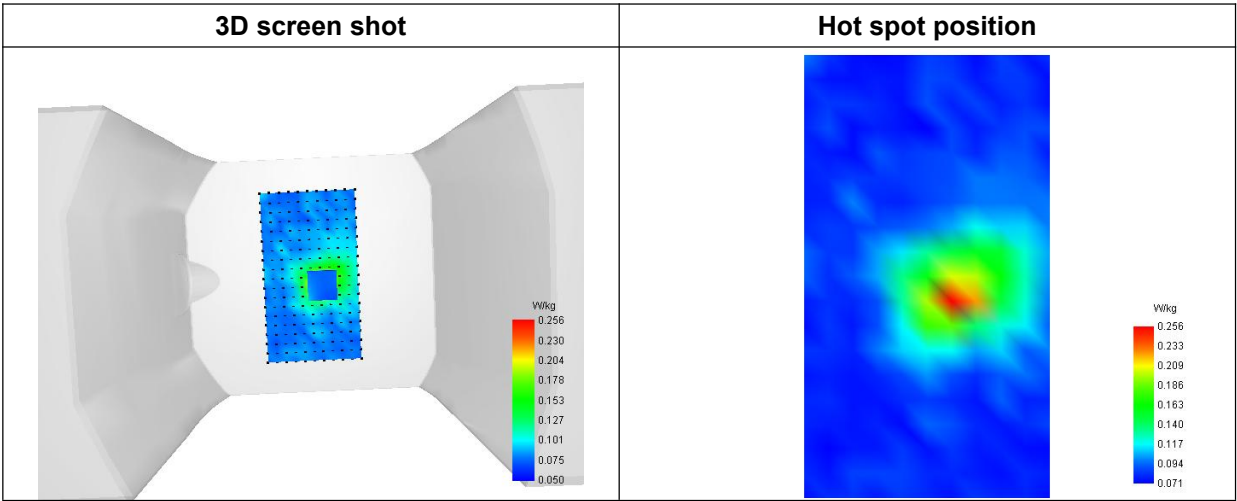
SAR 10g (W/Kg)	0.099284
SAR 1g (W/Kg)	0.162666

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)	0.4045	0.2516	0.1536	0.0963	0.0668	0.0537	0.0505	0.0541	0.0628



F. 3D Image



MEASUREMENT 71

Type: Measurement (Complete)
Date of measurement: 2024-08-01
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2024-06-07

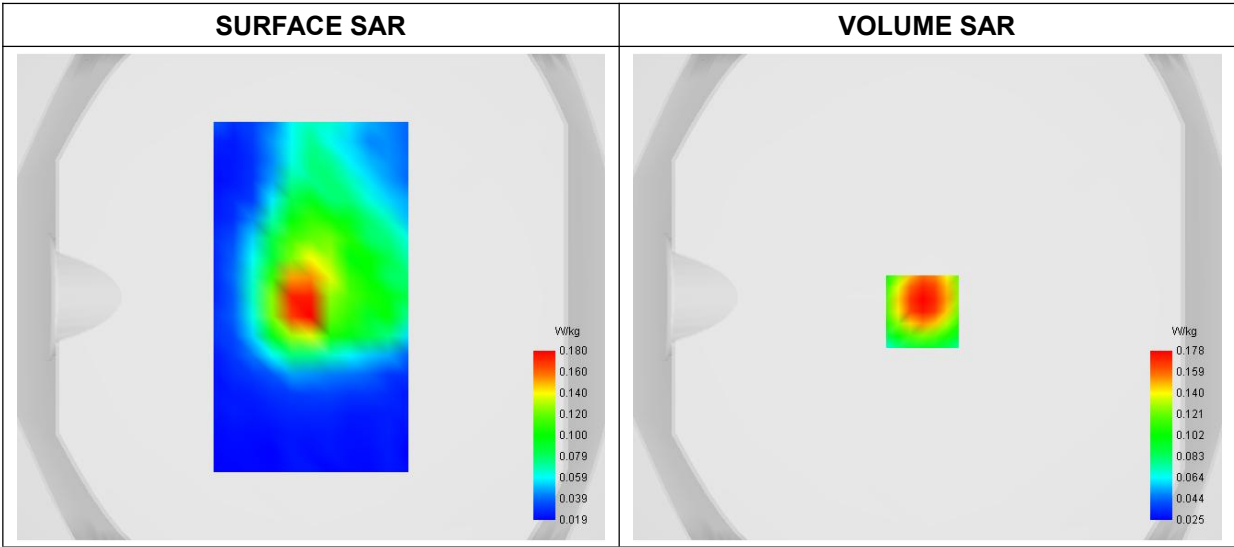
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	WiFi(2.4GHz)_802.11b
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative Permittivity (real part)	39.094386
Conductivity (S/m)	1.724296
Power Variation (%)	0.219600
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

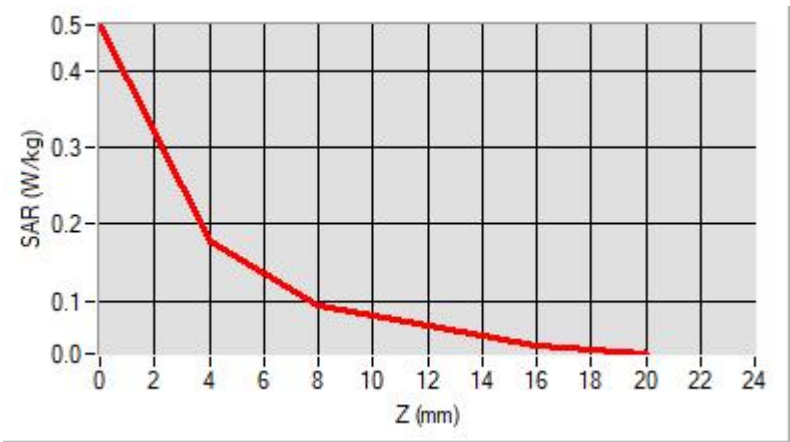


Maximum location: X=-2.00, Y=-6.00
D. SAR 1g & 10g

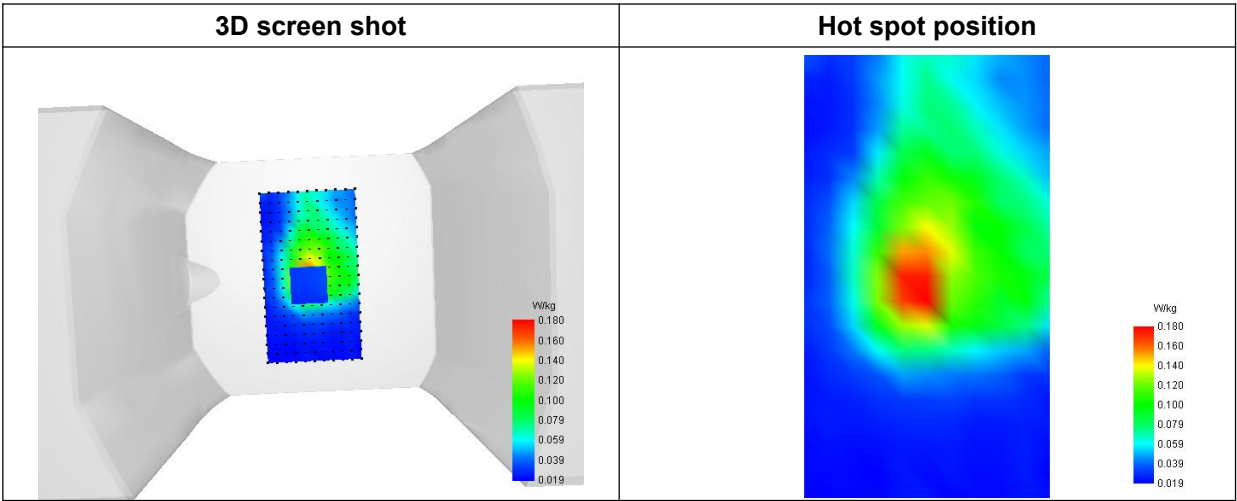
SAR 10g (W/Kg)	0.096203
SAR 1g (W/Kg)	0.168408

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.4586	0.1783	0.0936	0.0680	0.0417



F. 3D Image



MEASUREMENT 72

Type: Measurement (Complete)
Date of measurement: 2024-08-01
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2024-06-07

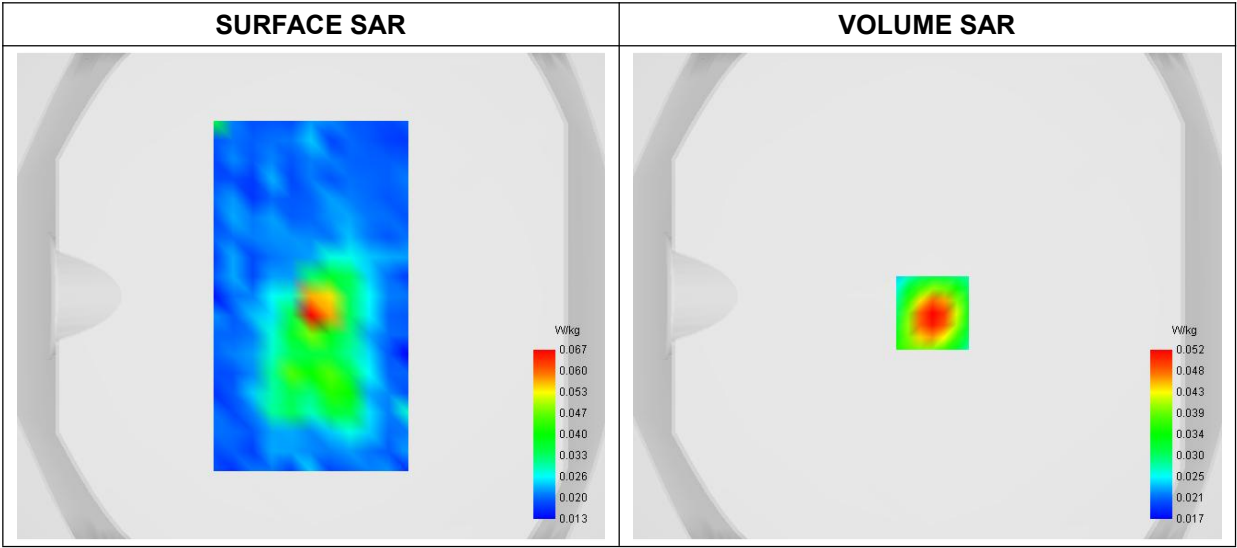
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Top
Band	Bluetooth_ π /4 DQPSK
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2480.000000
Relative Permittivity (real part)	39.094736
Conductivity (S/m)	1.721487
Power Variation (%)	1.359600
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

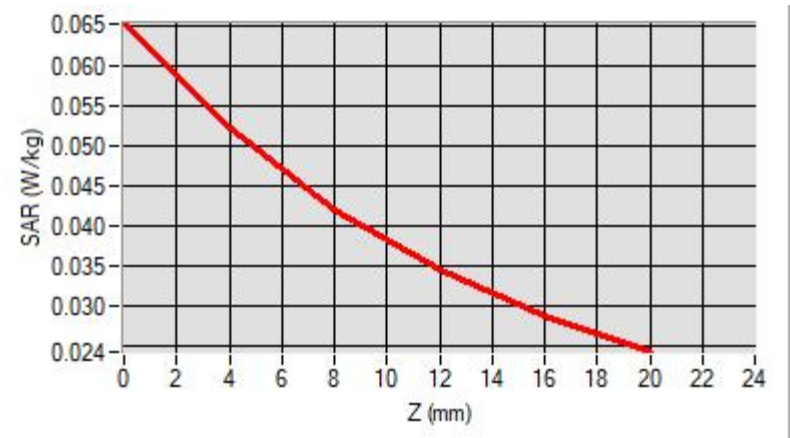


Maximum location: X=2.00, Y=-7.00
D. SAR 1g & 10g

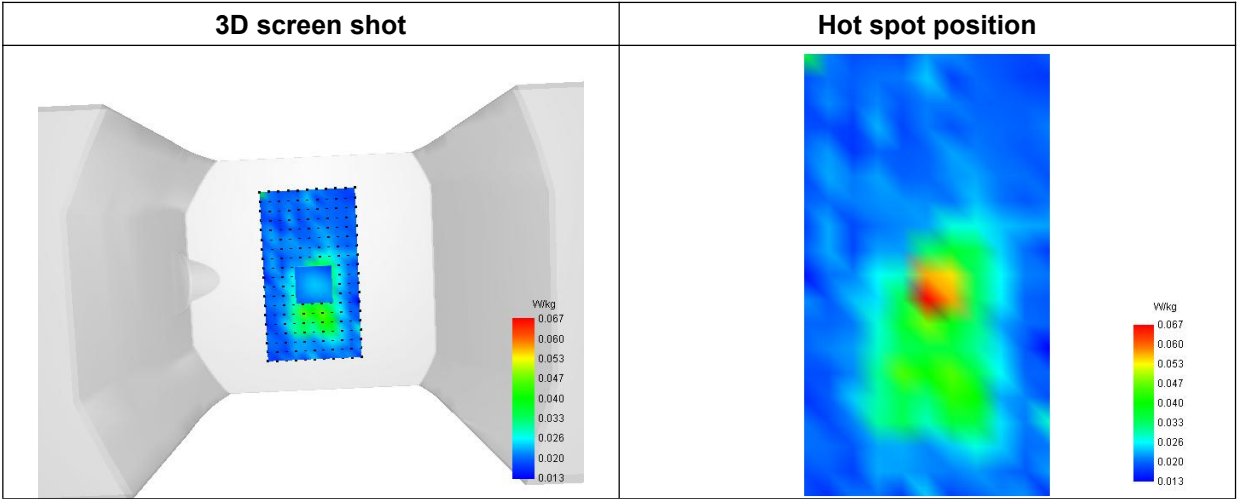
SAR 10g (W/Kg)	0.034754
SAR 1g (W/Kg)	0.048846

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0652	0.0521	0.0420	0.0344	0.0288

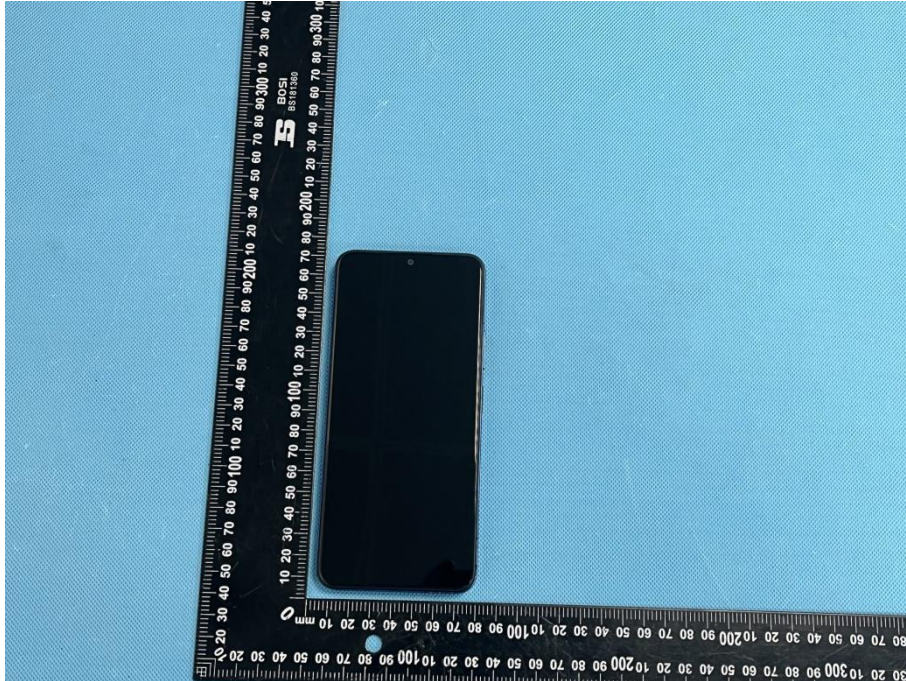


F. 3D Image

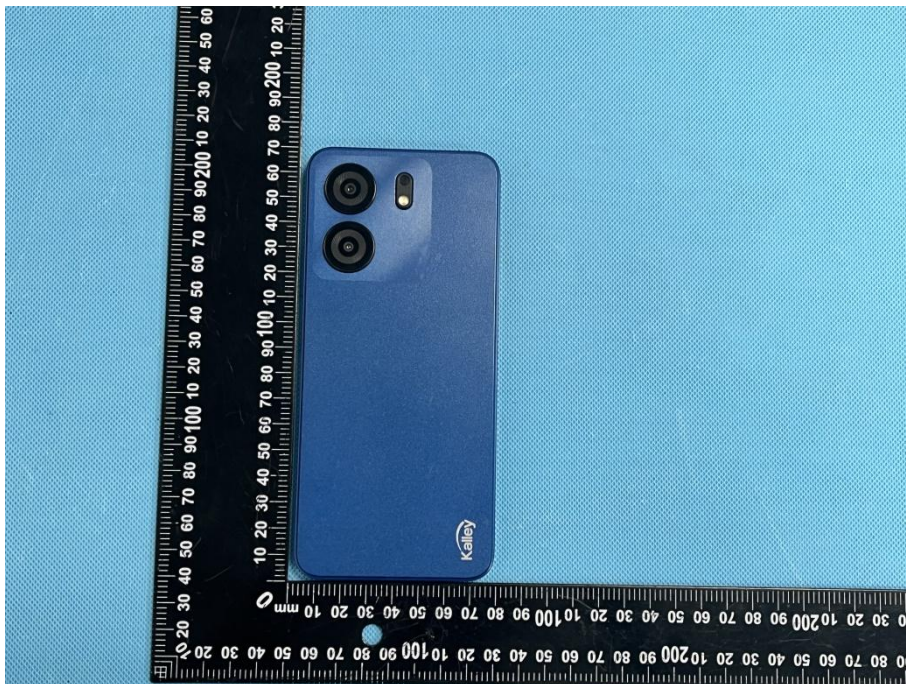


Annex C. EUT Photos

EUT View 1



EUT View 2



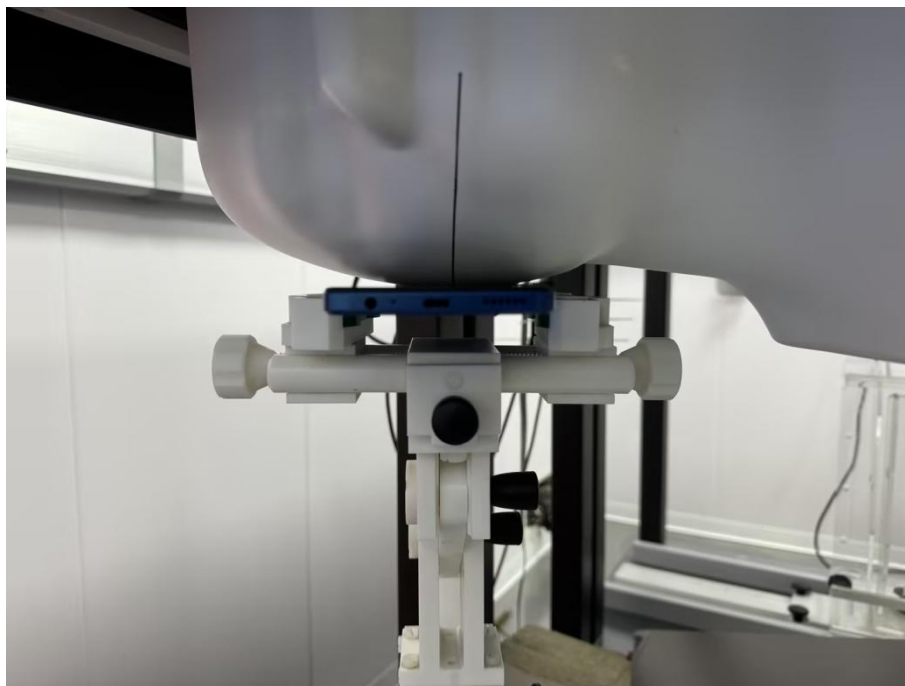
Antenna View



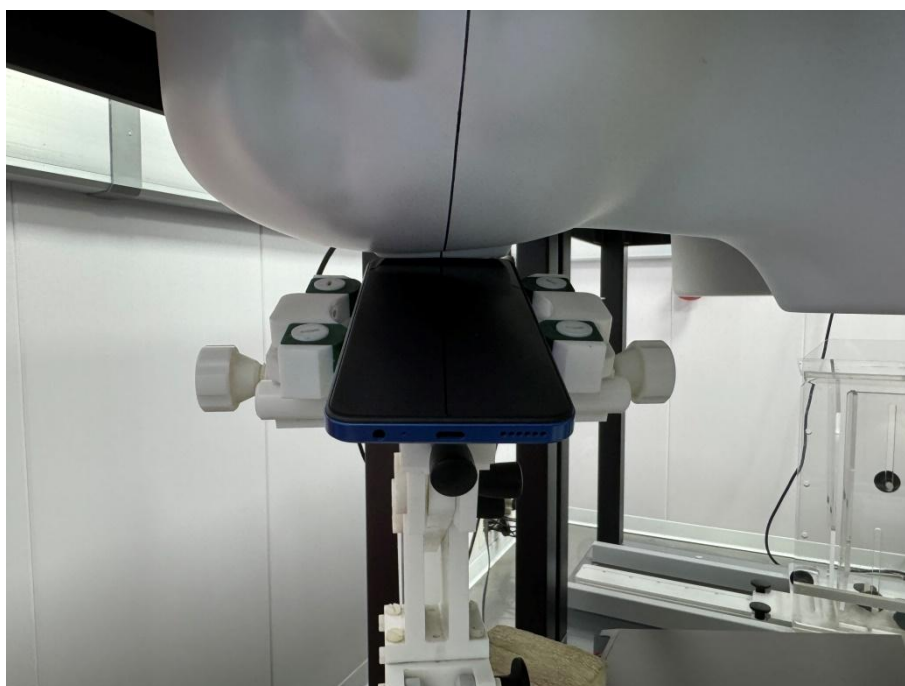
Annex D. Test Setup Photos

Head Exposure Conditions

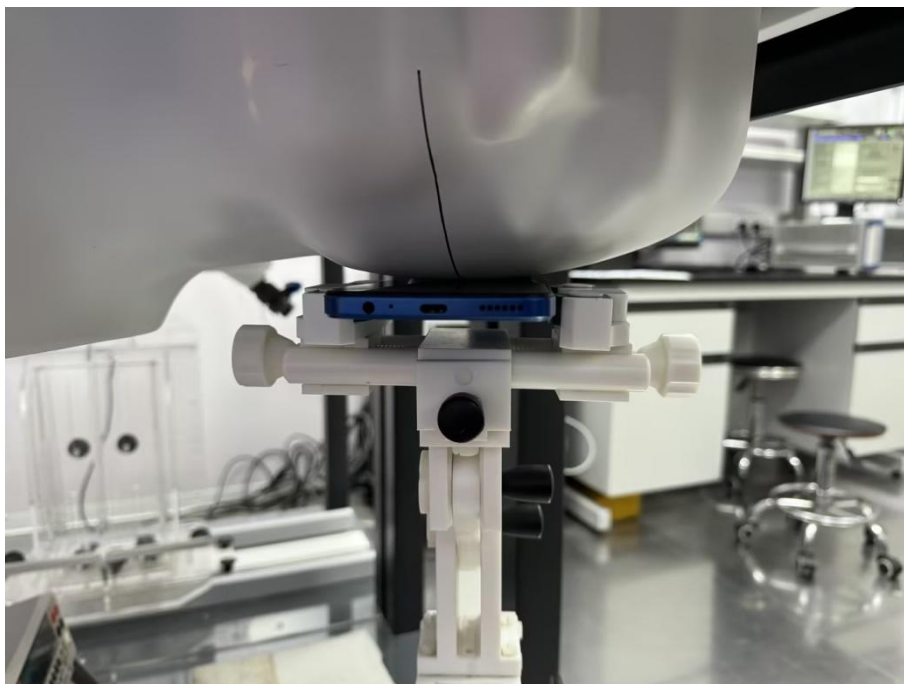
Right Cheek



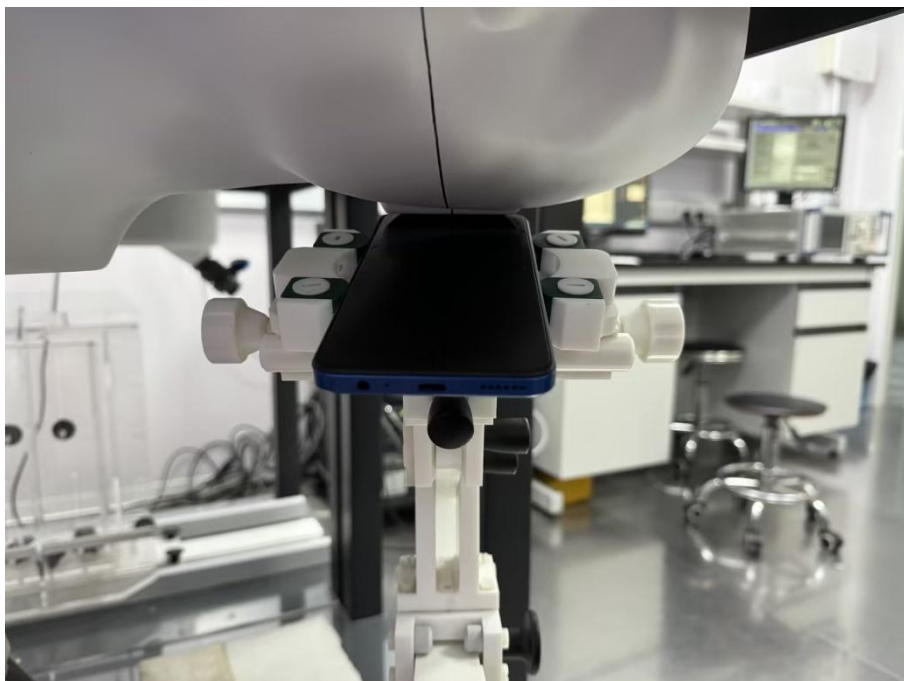
Right Tilt



Left Cheek

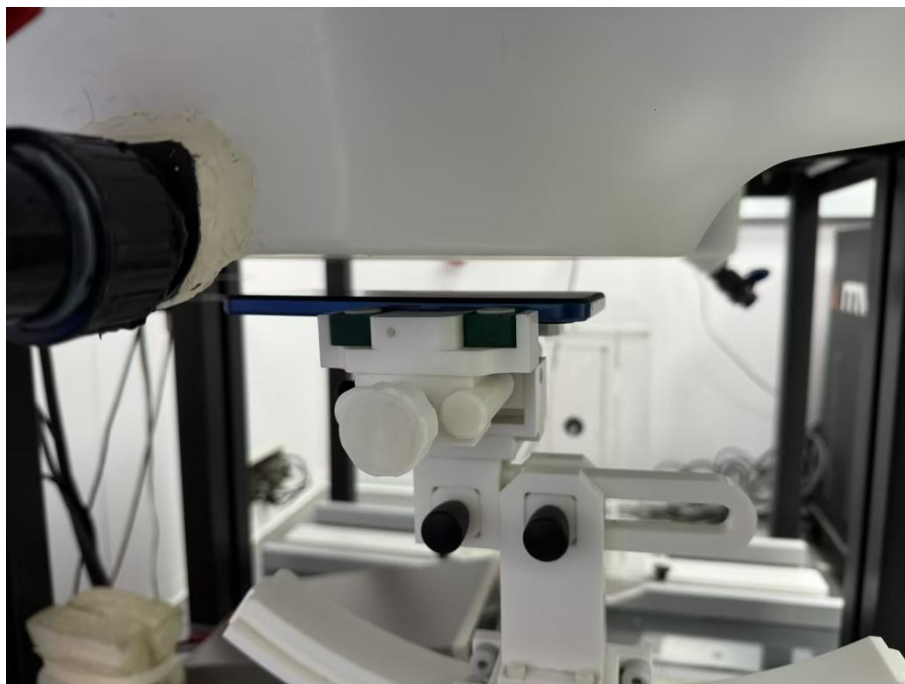


Left Tilt

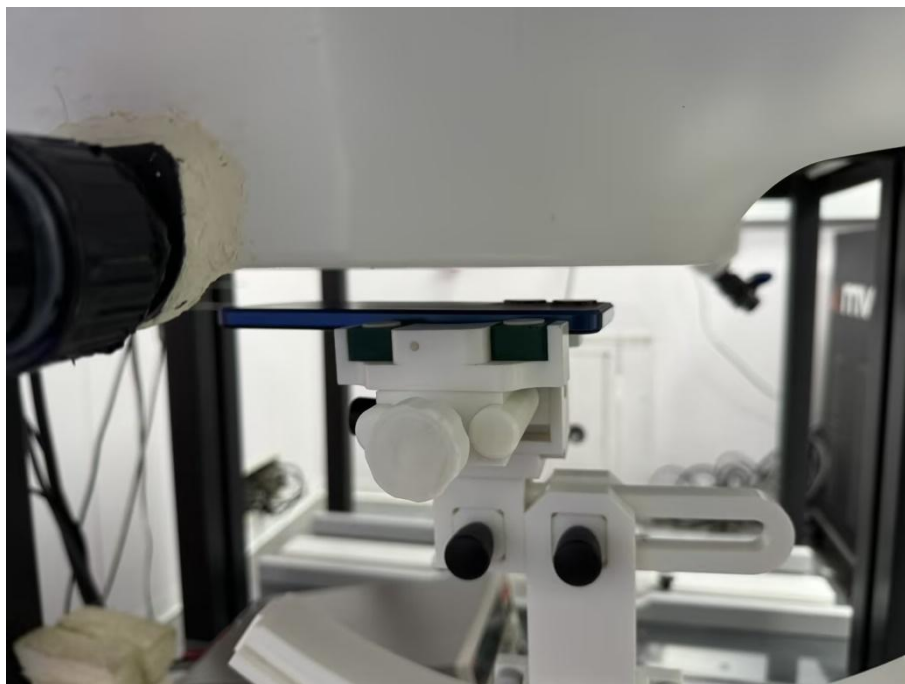


Body-worn mode Exposure Conditions
Test distance: 15mm

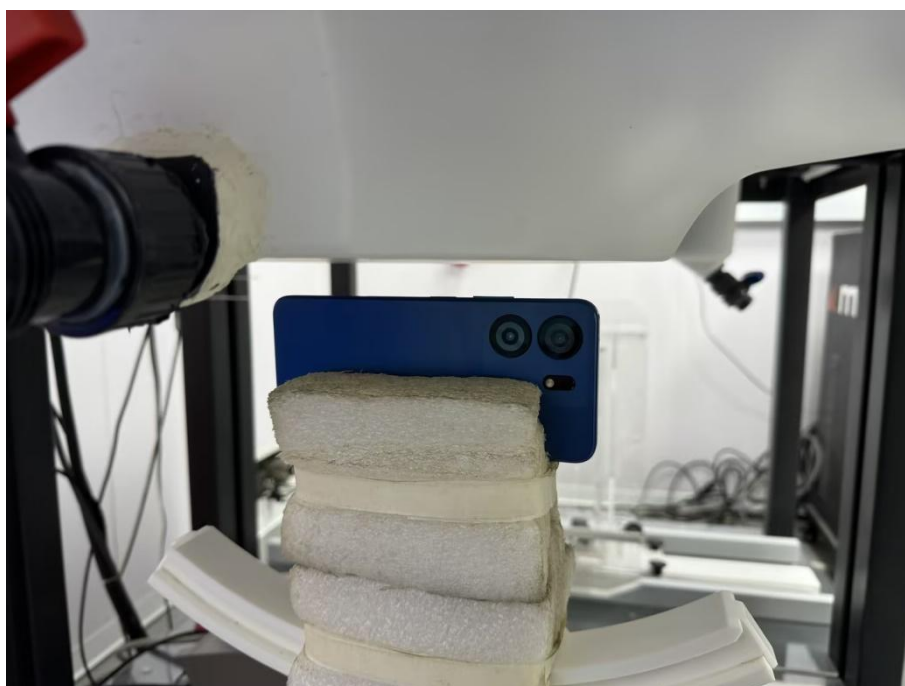
Body Front



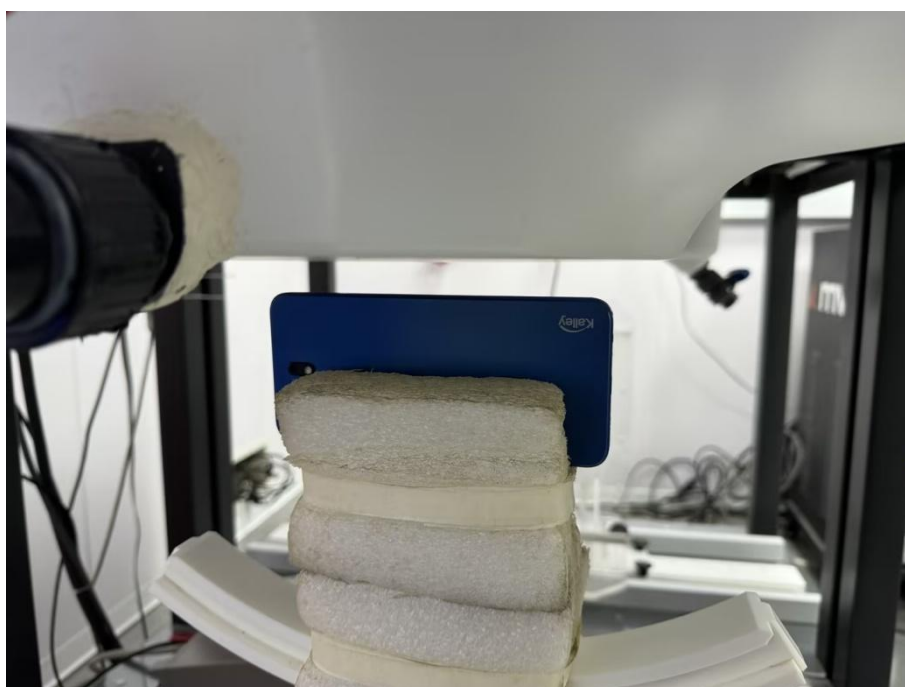
Body Back



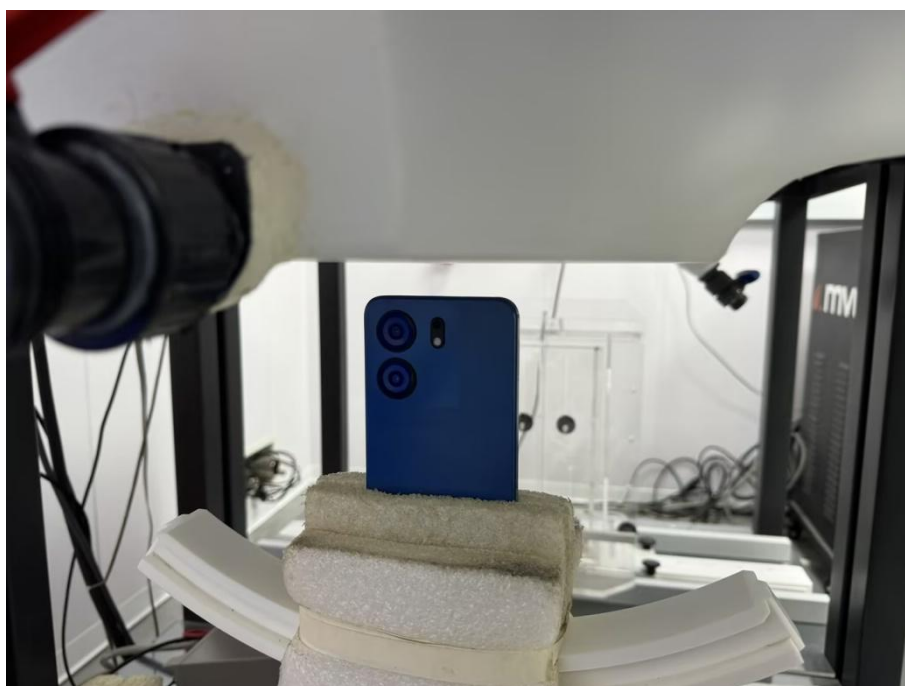
Body Right



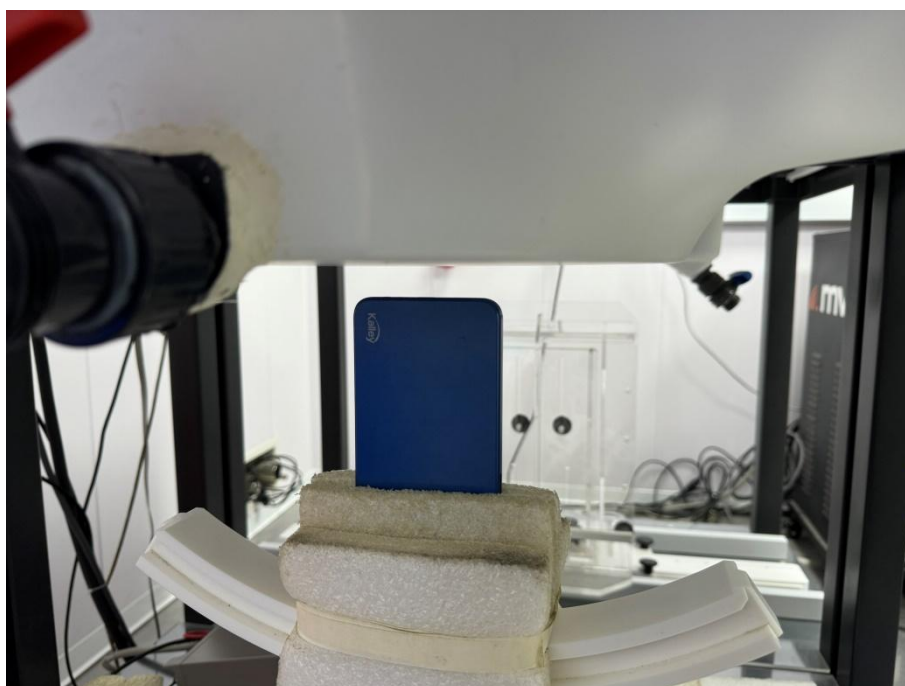
Body Left



Body Top



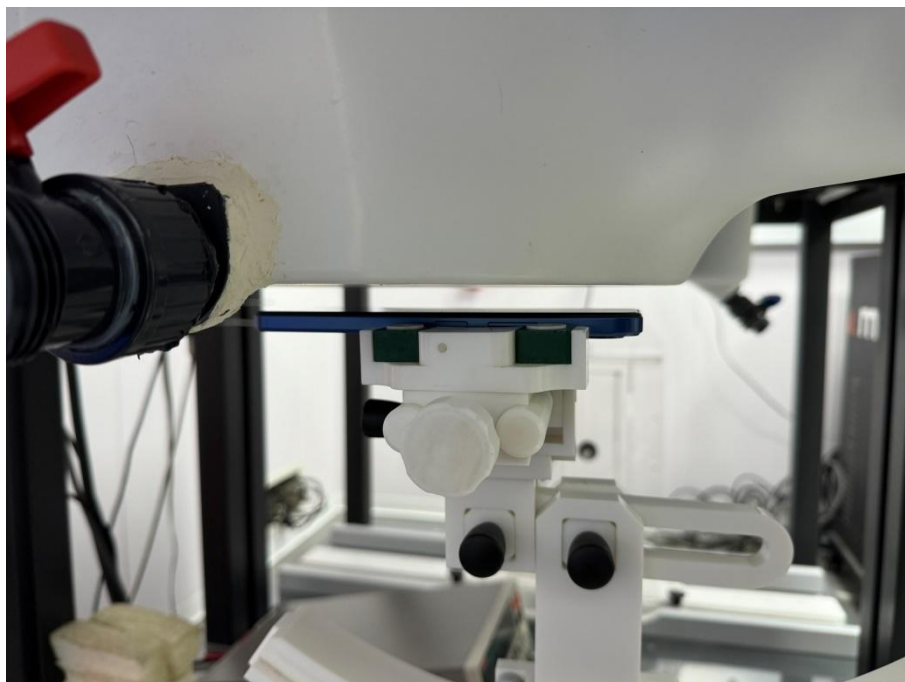
Body Bottom



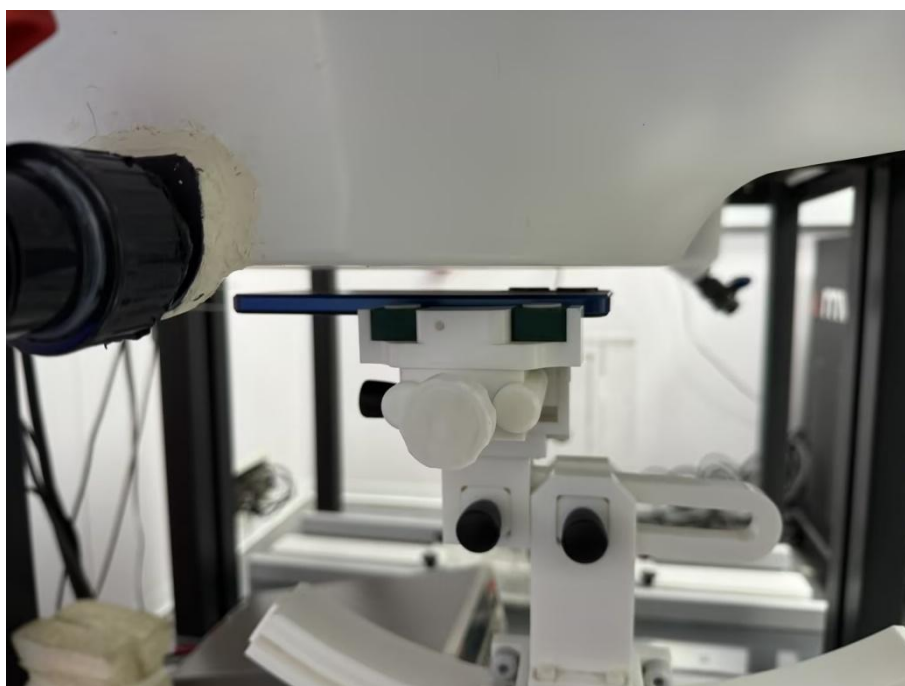
Hotspot mode Exposure Conditions

Test distance: 10mm

Body Front



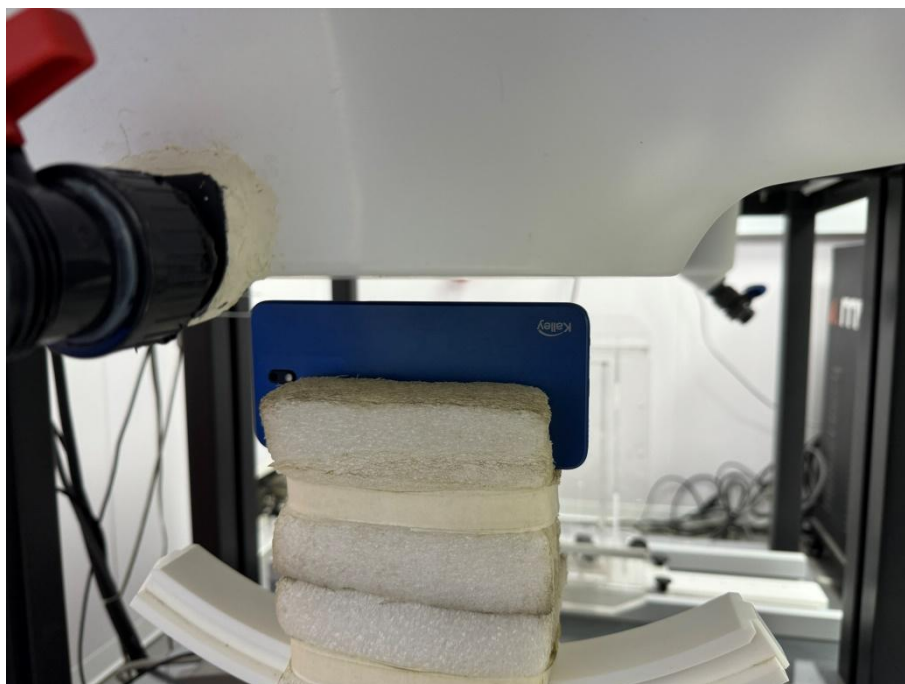
Body Back



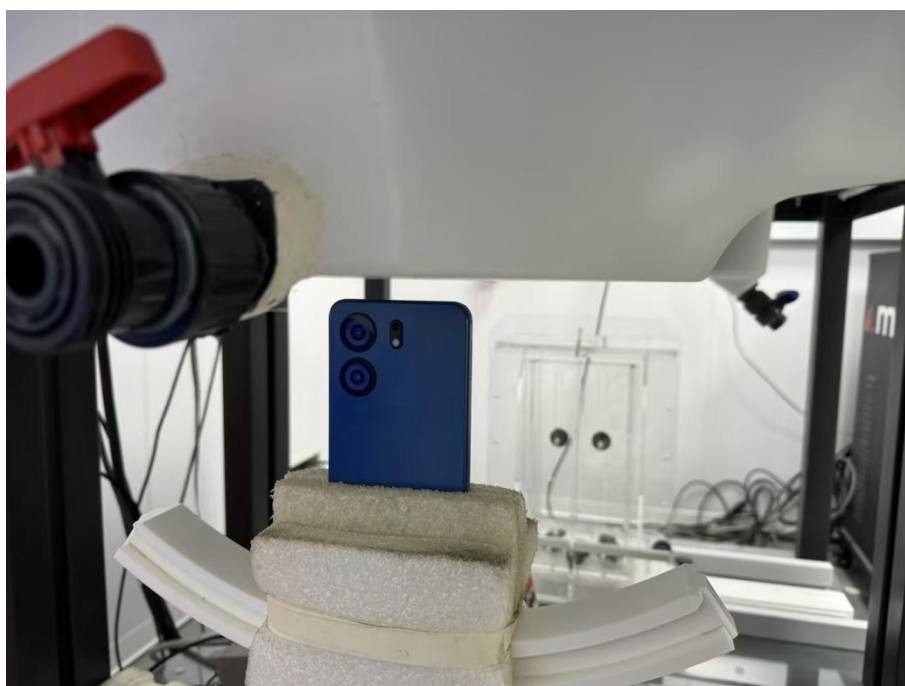
Body Right



Body Left



Body Top



Body Bottom

