

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

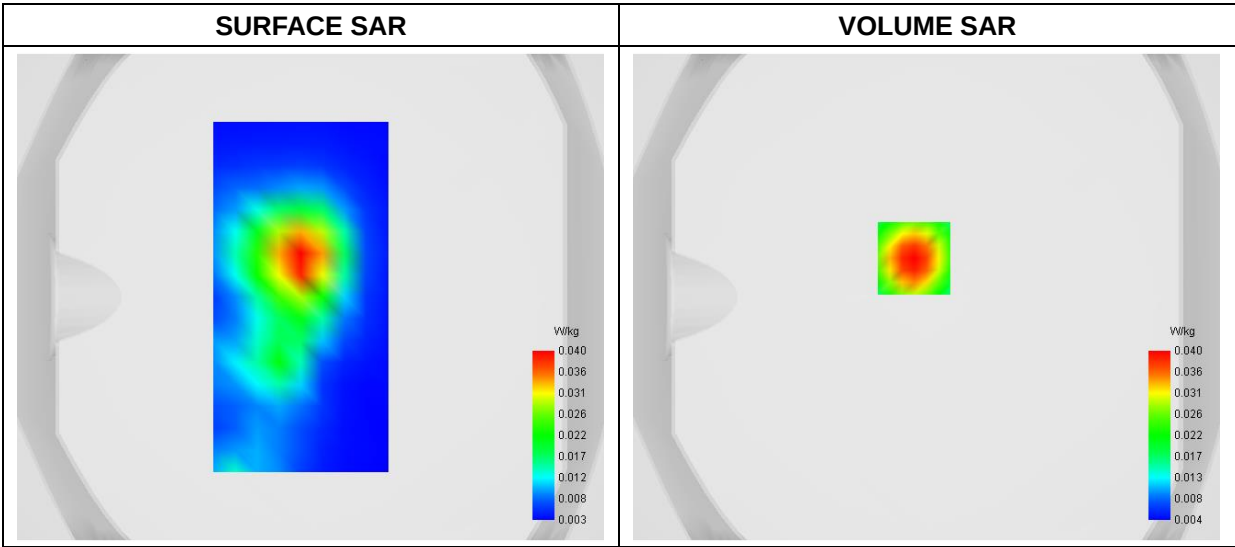
A. Experimental conditions

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 (%)	2.227400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

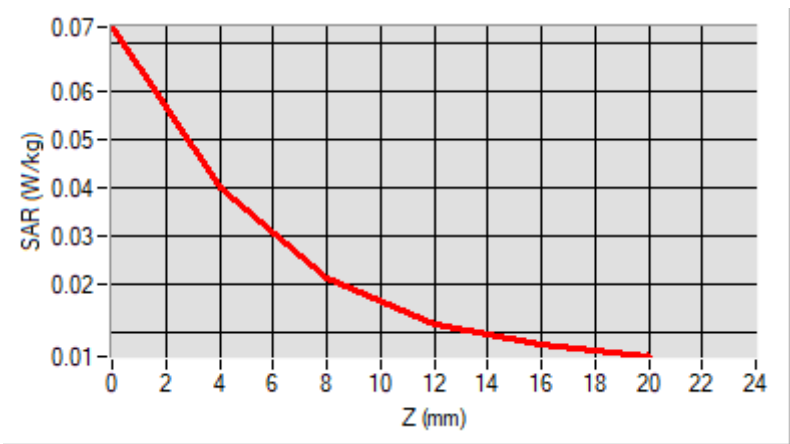


Maximum location: X=-5.00, Y=16.00
D. SAR 1g & 10g

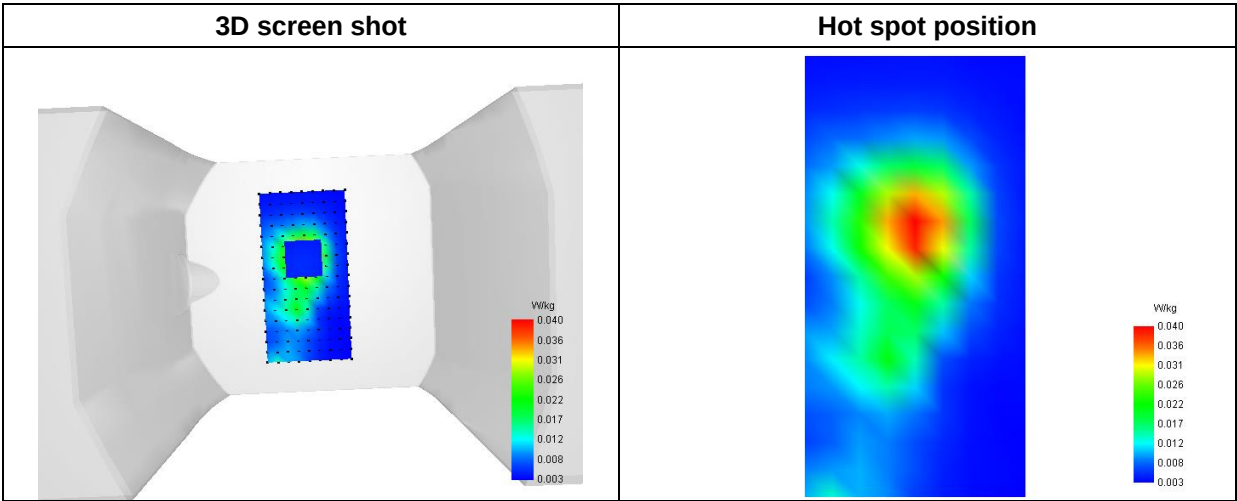
SAR 10g (W/Kg)	0.019631
SAR 1g (W/Kg)	0.037699

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0734	0.0400	0.0213	0.0118	0.0075



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

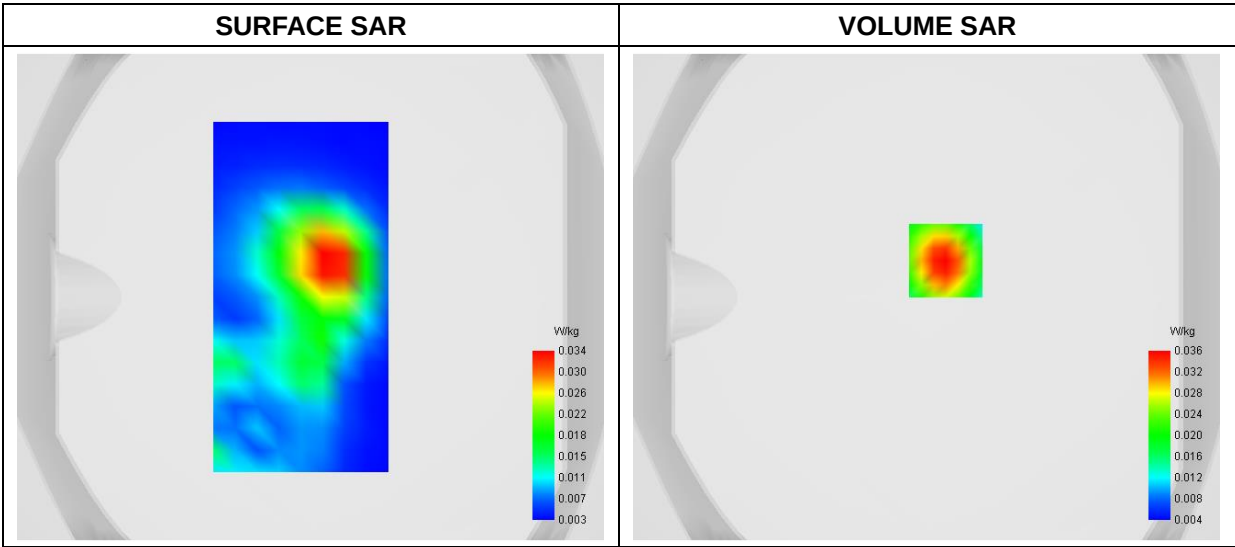
A. Experimental conditions

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 (%)	1.367400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

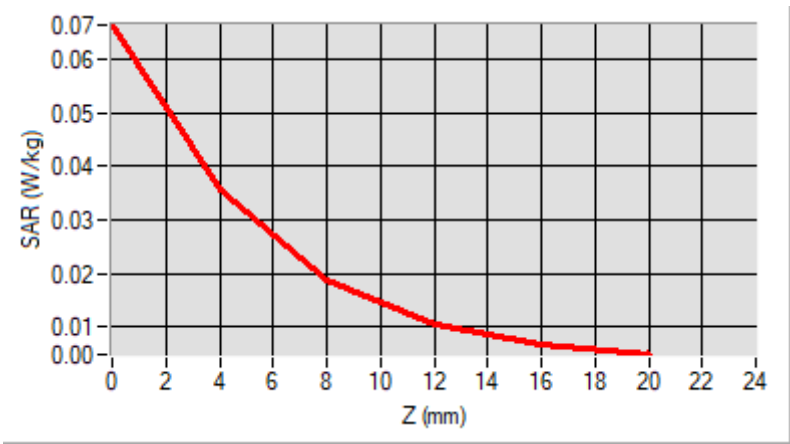


Maximum location: X=8.00, Y=15.00
D. SAR 1g & 10g

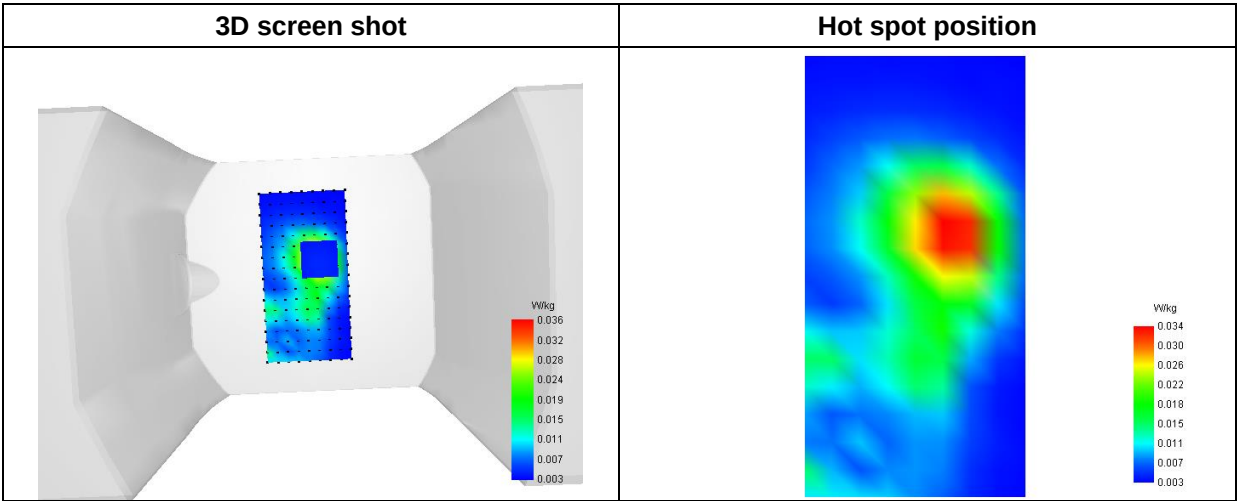
SAR 10g (W/Kg)	0.017479
SAR 1g (W/Kg)	0.033735

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0664	0.0357	0.0188	0.0104	0.0067



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

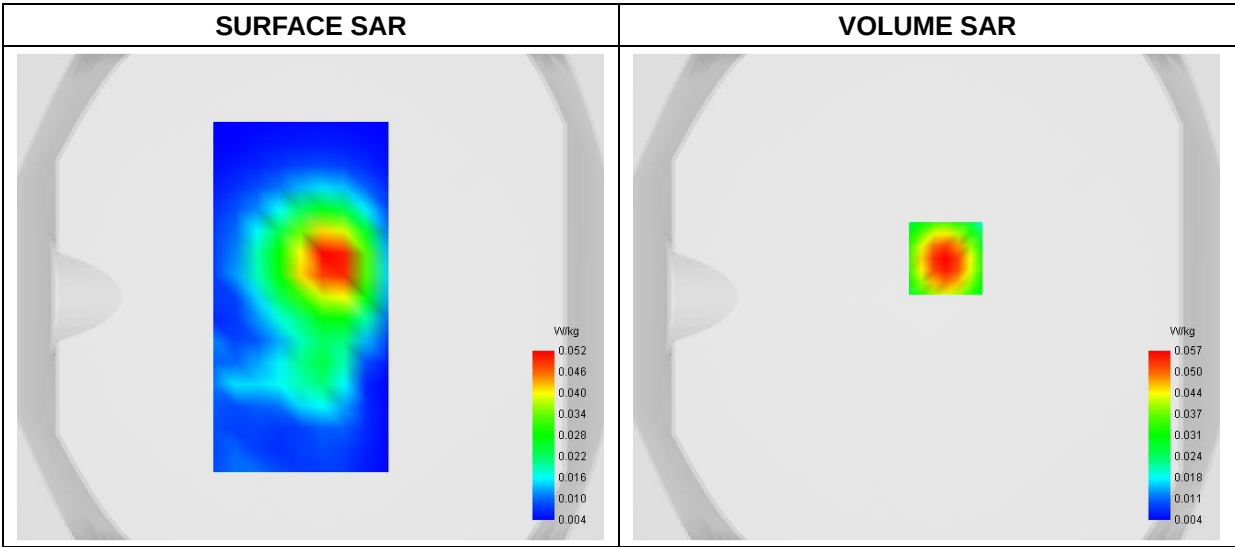
A. Experimental conditions

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 (%)	1.235470
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

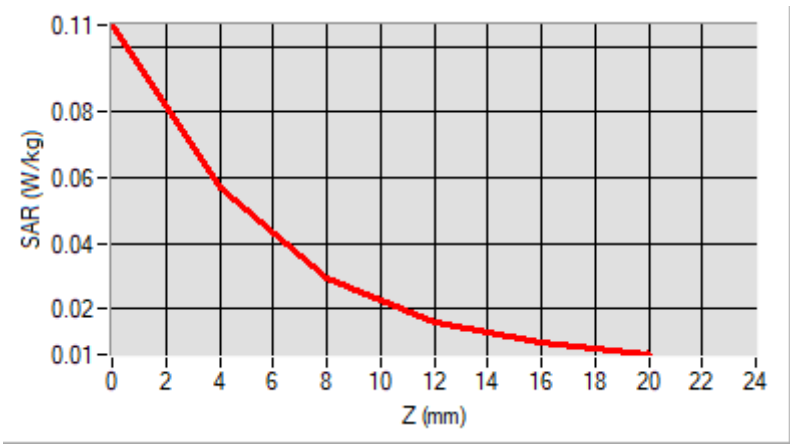


Maximum location: X=8.00, Y=16.00
D. SAR 1g & 10g

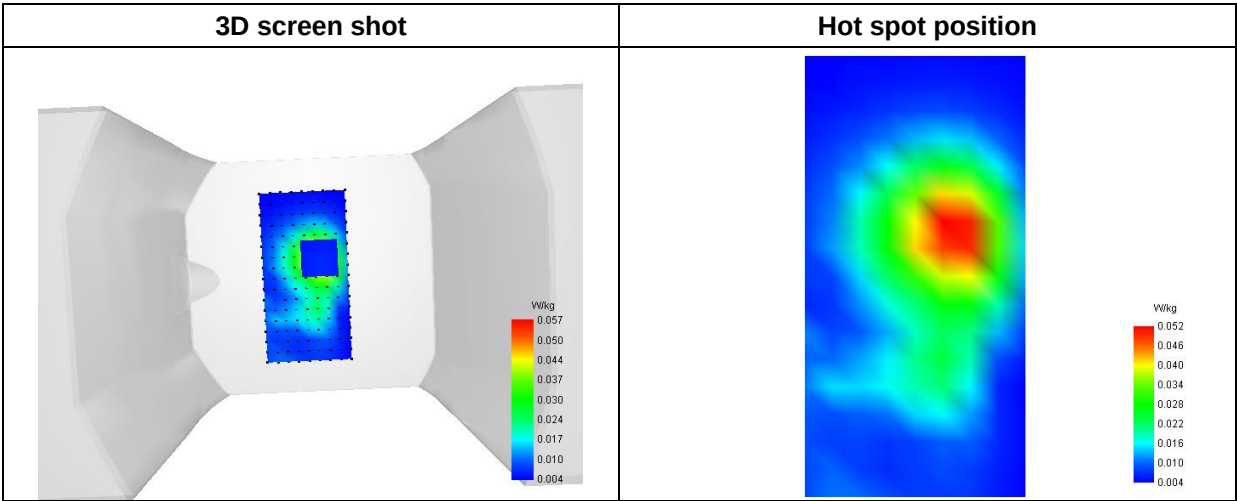
SAR 10g (W/Kg)	0.027344
SAR 1g (W/Kg)	0.053652

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1066	0.0571	0.0295	0.0158	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

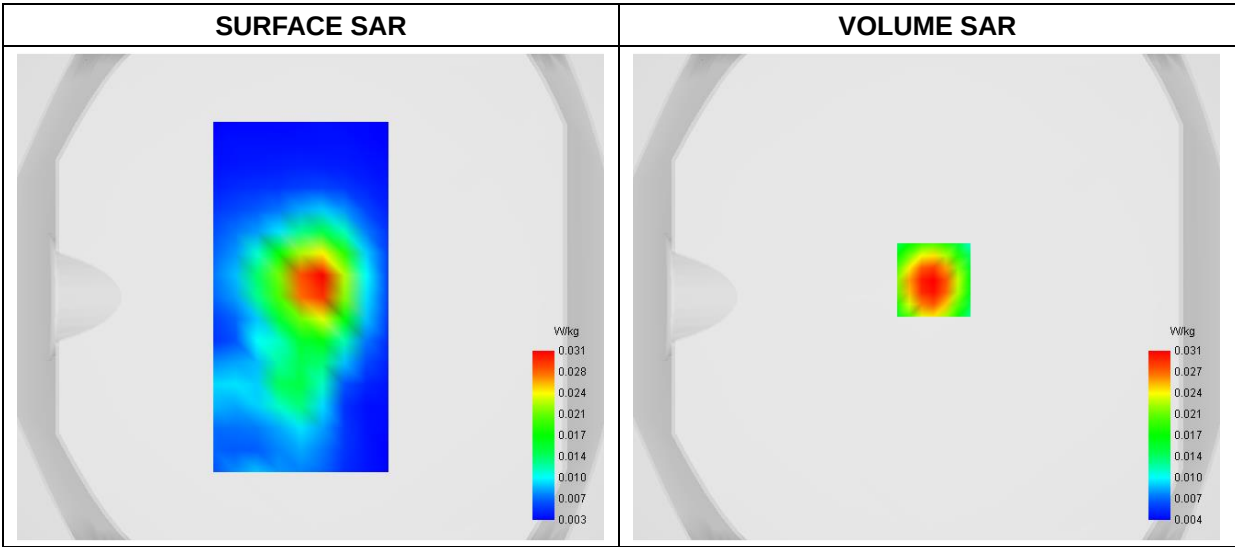
A. Experimental conditions

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 (%)	-1.436400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

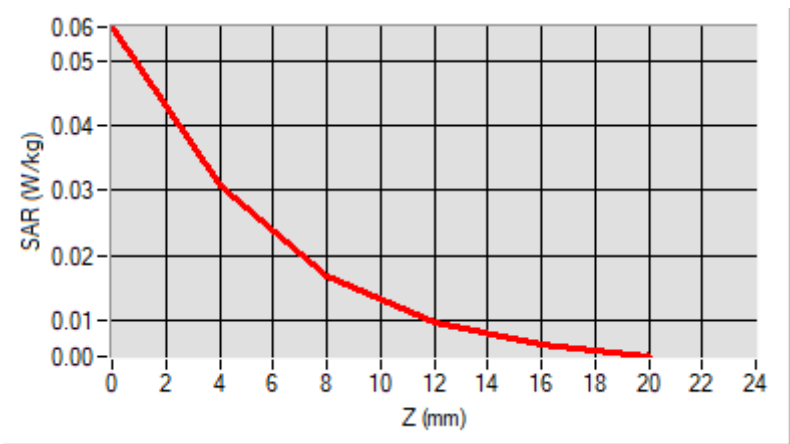


Maximum location: X=3.00, Y=7.00
D. SAR 1g & 10g

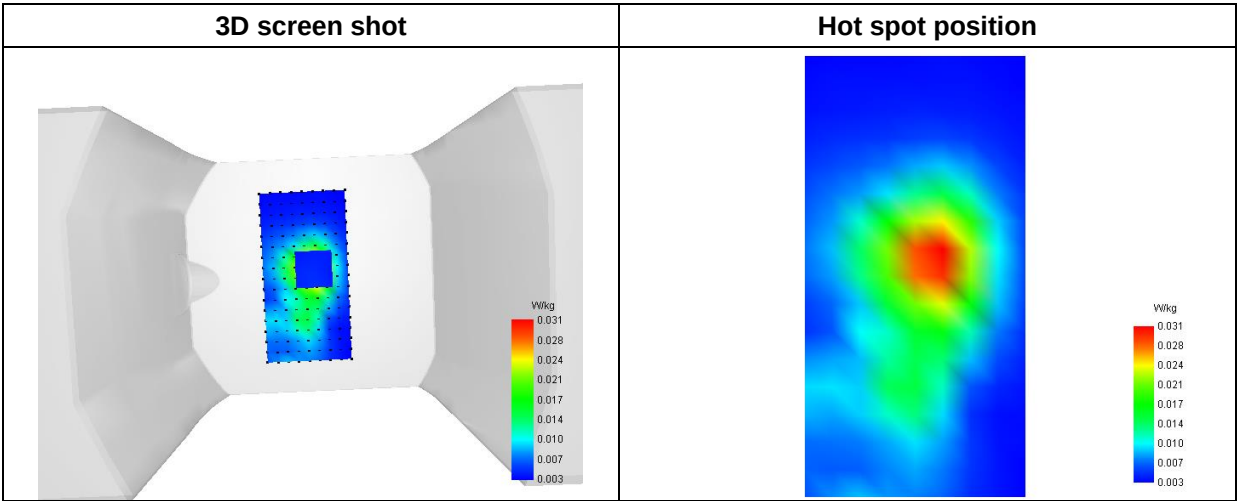
SAR 10g (W/Kg)	0.015594
SAR 1g (W/Kg)	0.029186

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0551	0.0308	0.0170	0.0098	0.0064



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

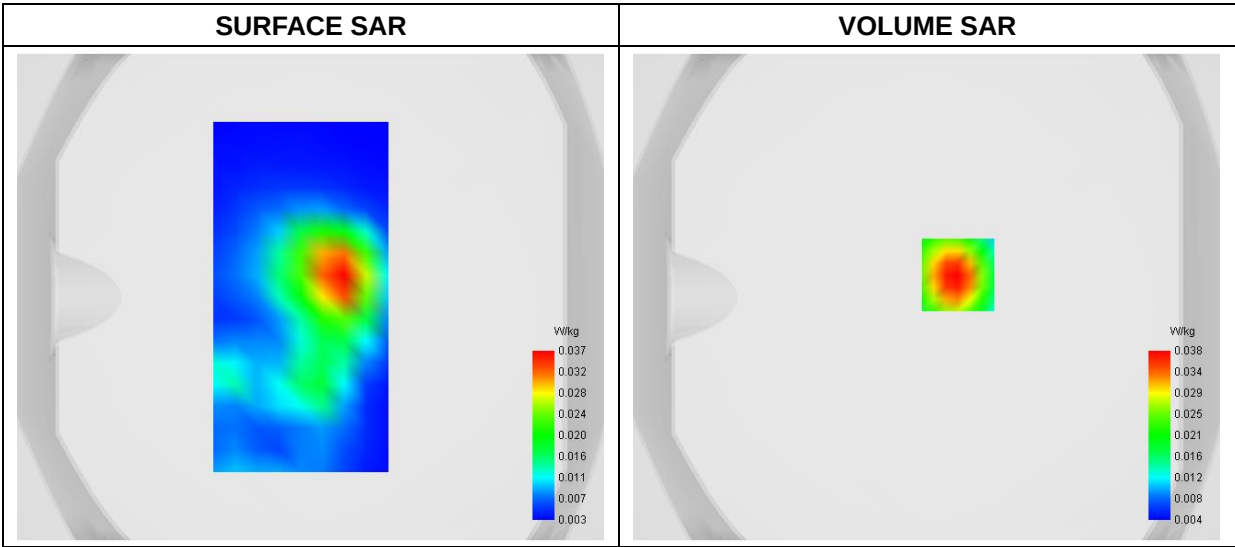
A. Experimental conditions

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 (%)	0.239500
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

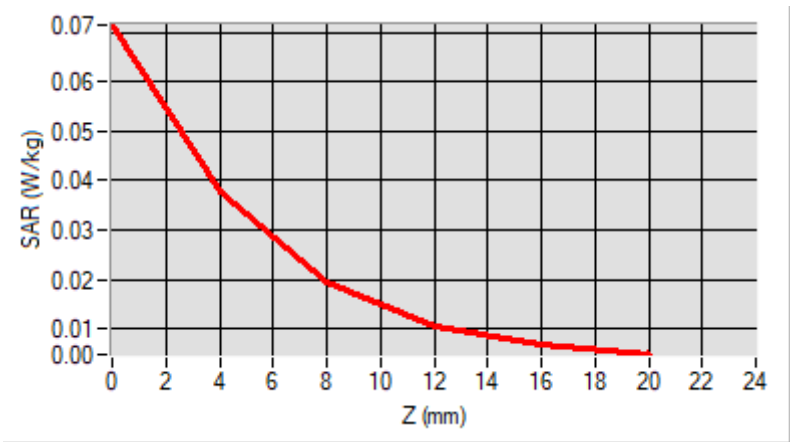


Maximum location: X=13.00, Y=9.00
D. SAR 1g & 10g

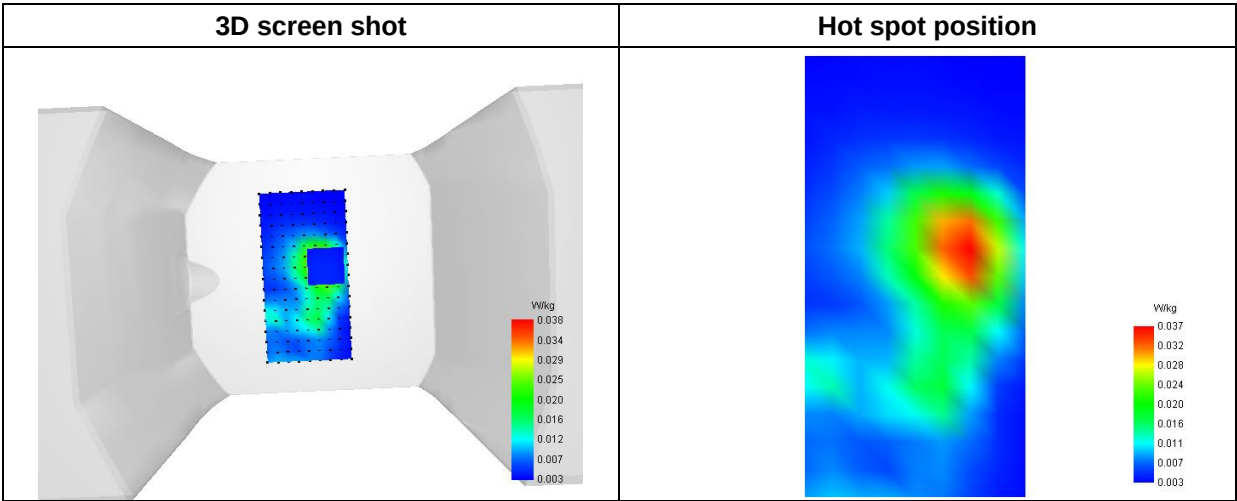
SAR 10g (W/Kg)	0.018288
SAR 1g (W/Kg)	0.035751

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0714	0.0379	0.0195	0.0107	0.0068



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

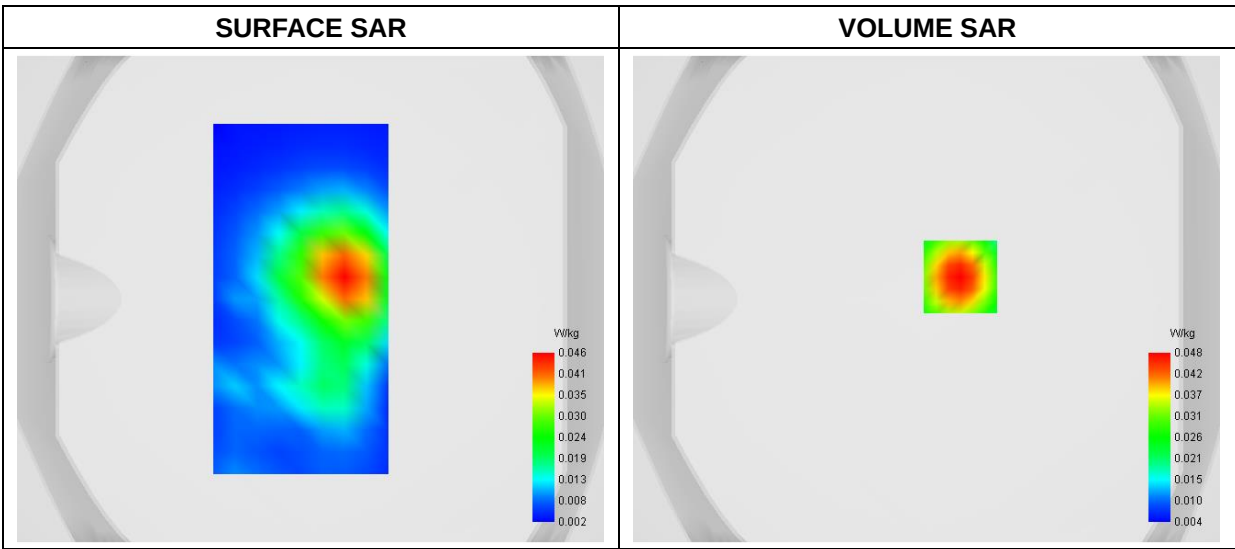
A. Experimental conditions

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, 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 (%)	0.374500
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

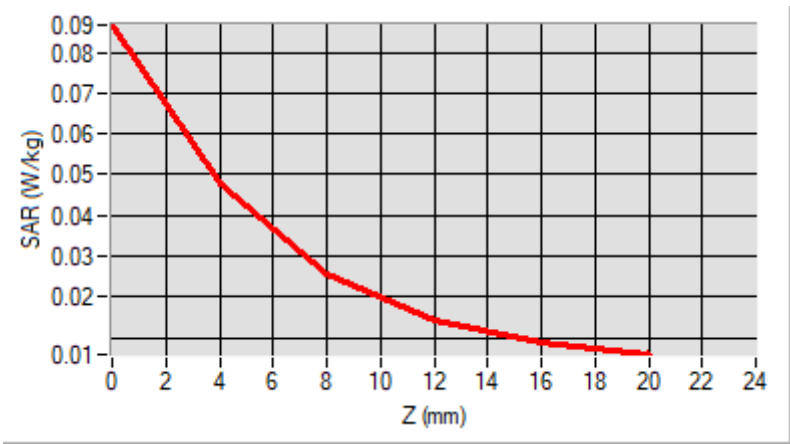


Maximum location: X=14.00, Y=9.00
D. SAR 1g & 10g

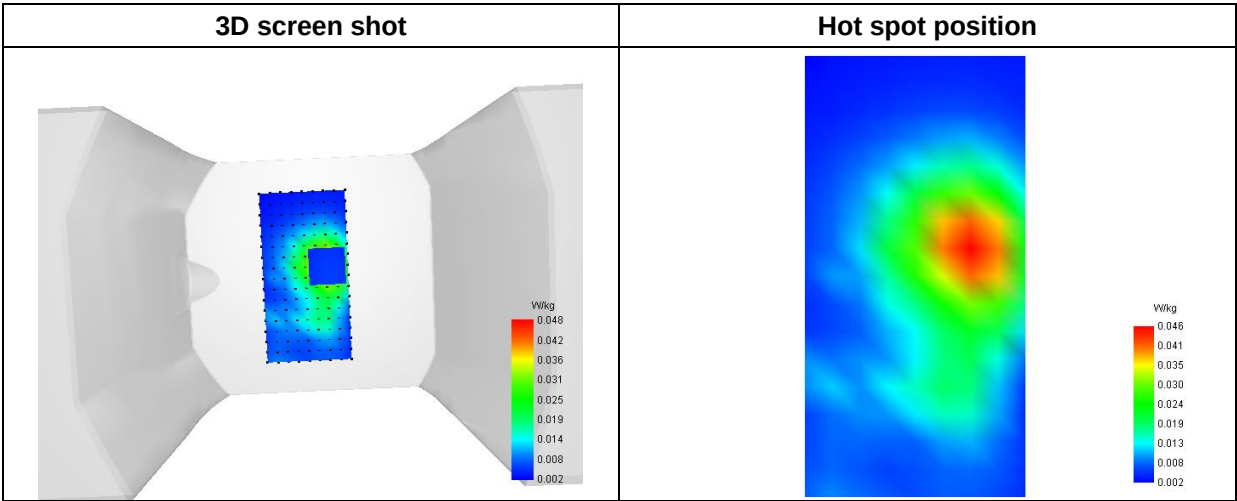
SAR 10g (W/Kg)	0.023468
SAR 1g (W/Kg)	0.044747

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0867	0.0475	0.0254	0.0141	0.0088



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

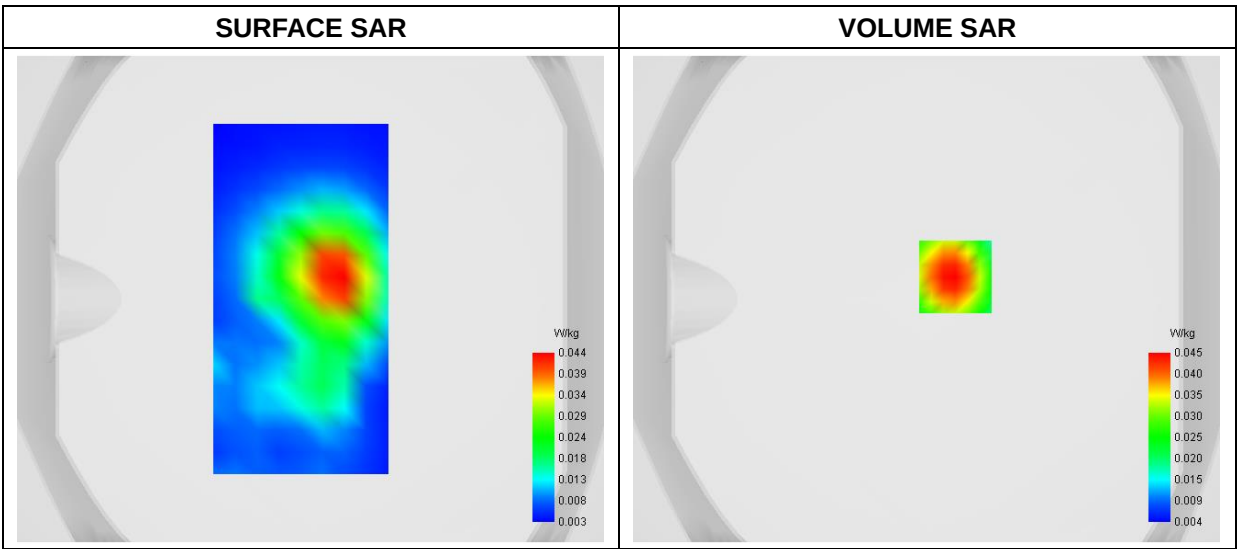
A. Experimental conditions

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, 40MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3960.000000
Relative Permittivity (real part)	34.274124
Conductivity (S/m)	3.653771
Power Variation (%)	1.378900
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

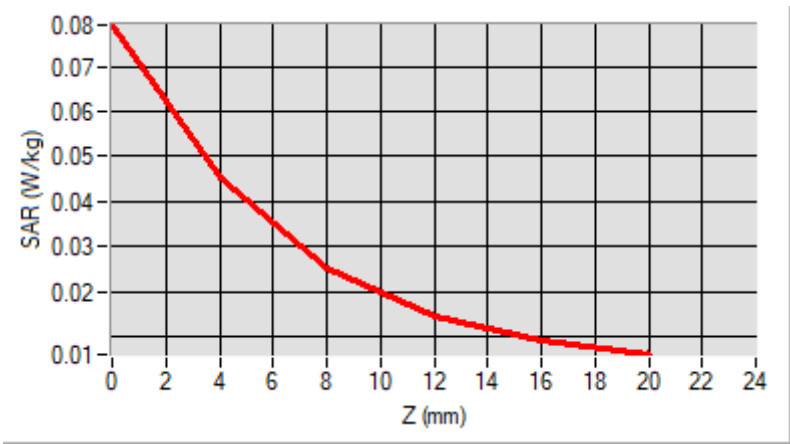


Maximum location: X=12.00, Y=9.00
D. SAR 1g & 10g

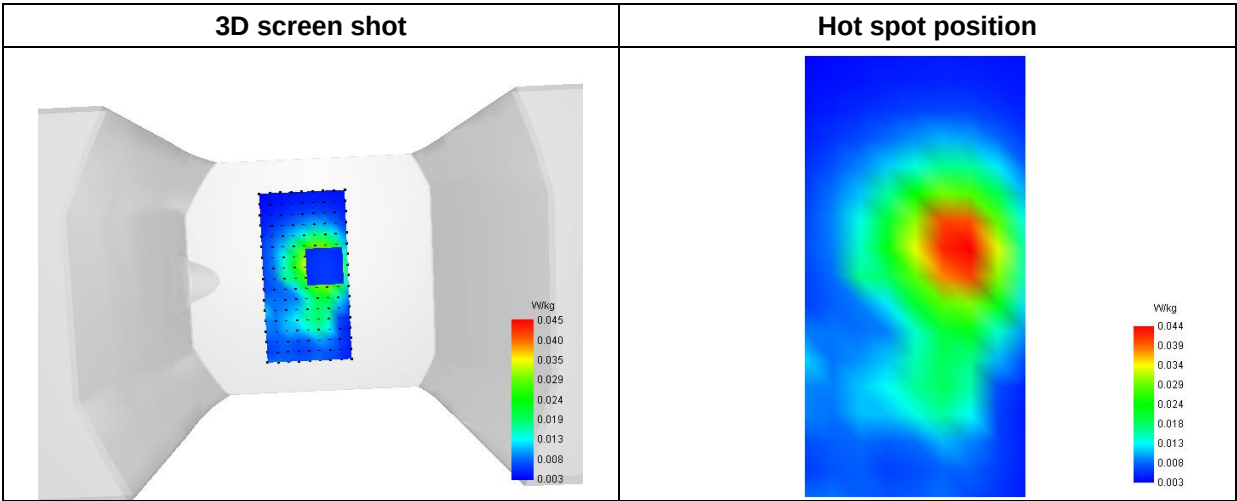
SAR 10g (W/Kg)	0.022704
SAR 1g (W/Kg)	0.042712

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0793	0.0452	0.0253	0.0146	0.0091



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

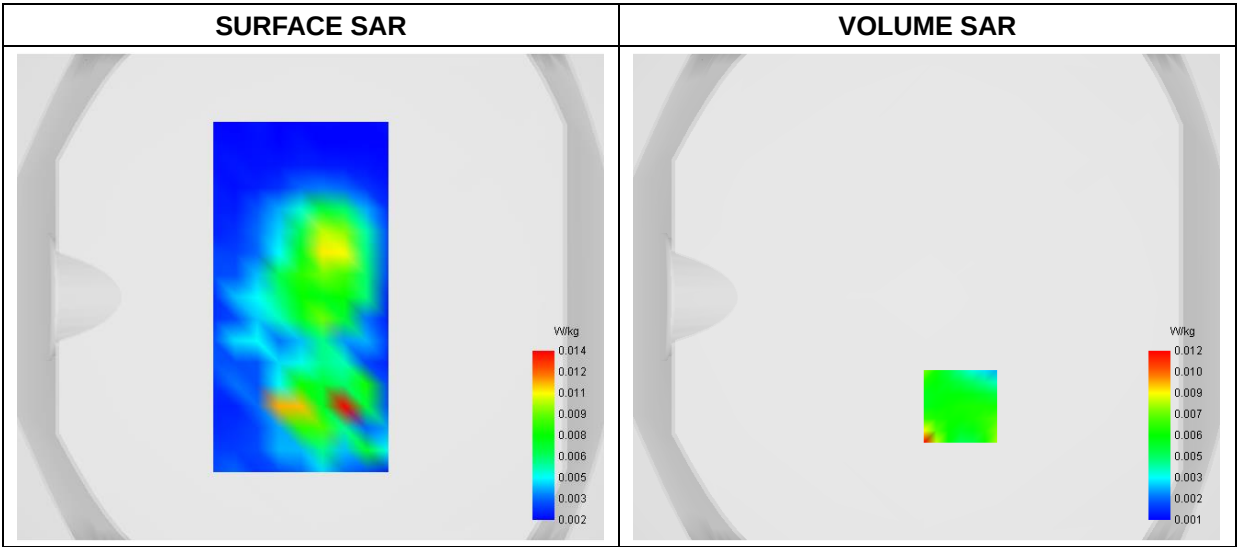
A. Experimental conditions

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 (%)	0.127400
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

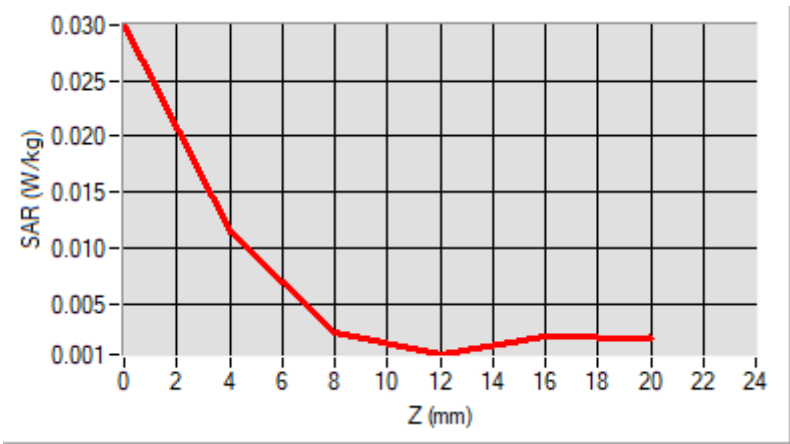


Maximum location: X=14.00, Y=-45.00
D. SAR 1g & 10g

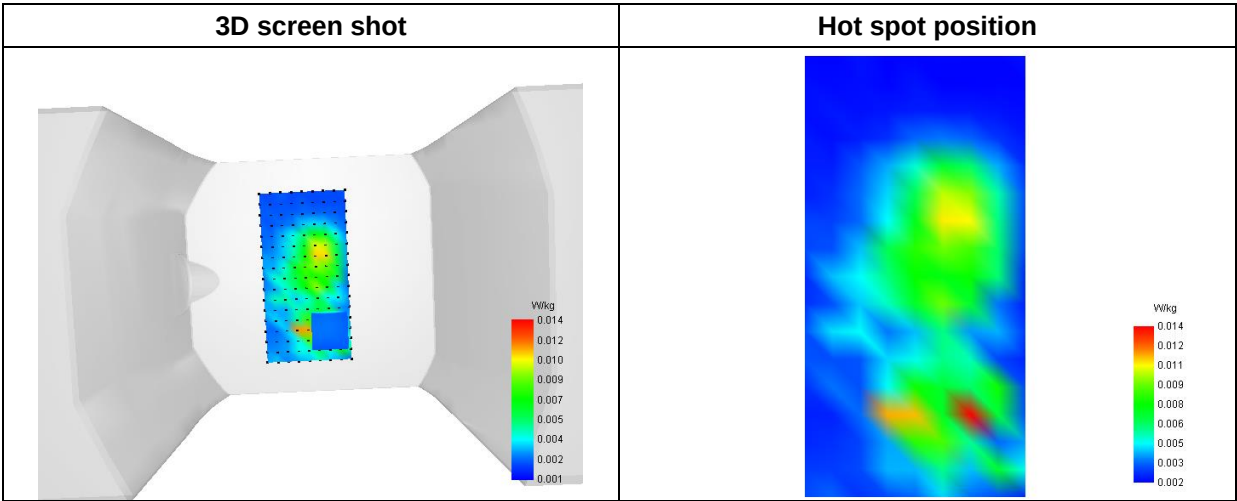
SAR 10g (W/Kg)	0.004858
SAR 1g (W/Kg)	0.008360

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0299	0.0116	0.0025	0.0006	0.0022



F. 3D Image



MEASUREMENT 52

Type: Phone measurement (Complete)
Date of measurement: 2024-03-25
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2023-07-07

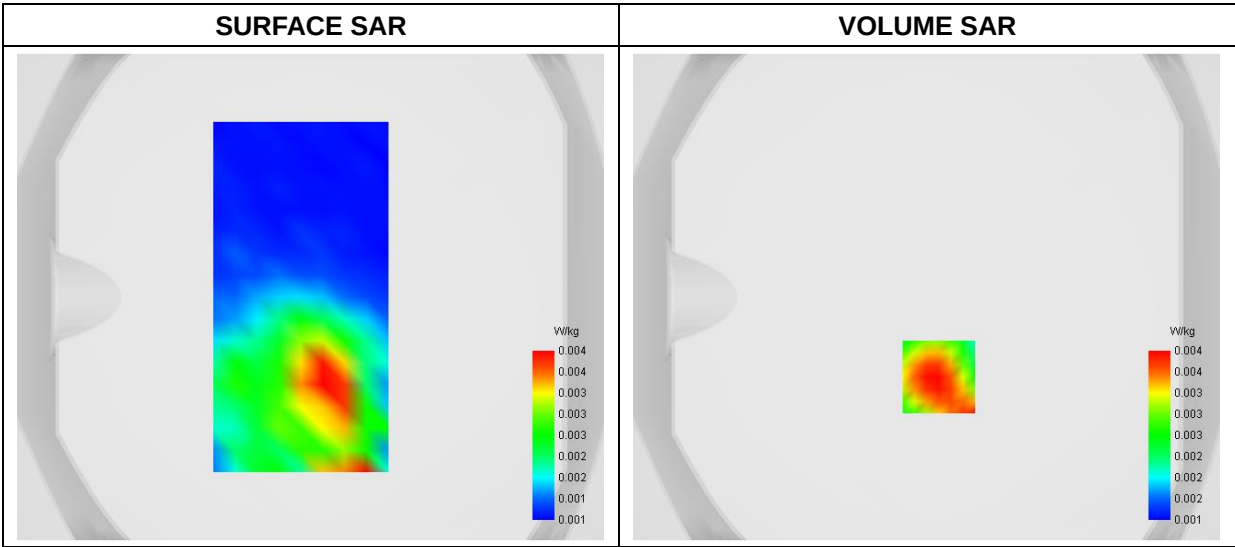
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n5A
Channels	DFT-s-OFDM PI/2 BPSK, 20MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.500000
Relative Permittivity (real part)	42.264746
Conductivity (S/m)	0.871218
Power Variation (%)	1.147100
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

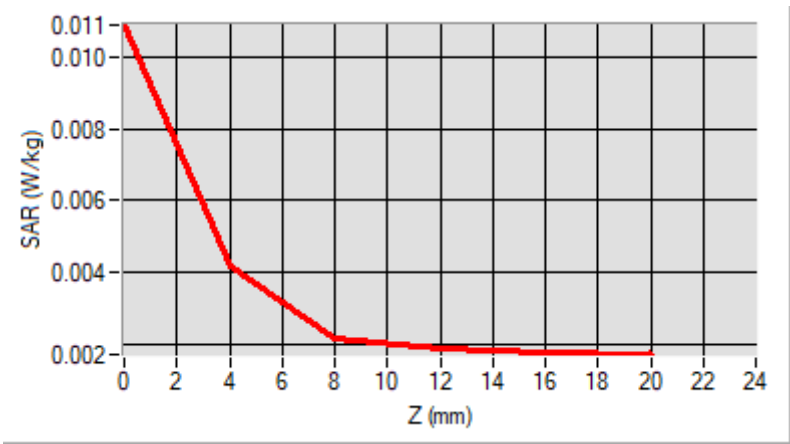


Maximum location: X=5.00, Y=-33.00
D. SAR 1g & 10g

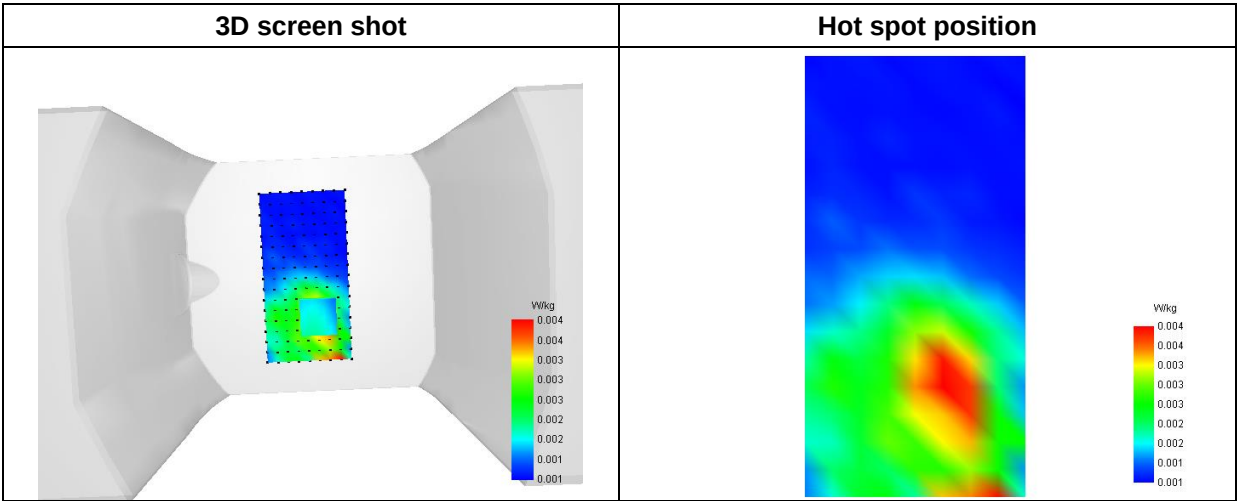
SAR 10g (W/Kg)	0.003019
SAR 1g (W/Kg)	0.004041

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0109	0.0042	0.0022	0.0019	0.0018



F. 3D Image



MEASUREMENT 53

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

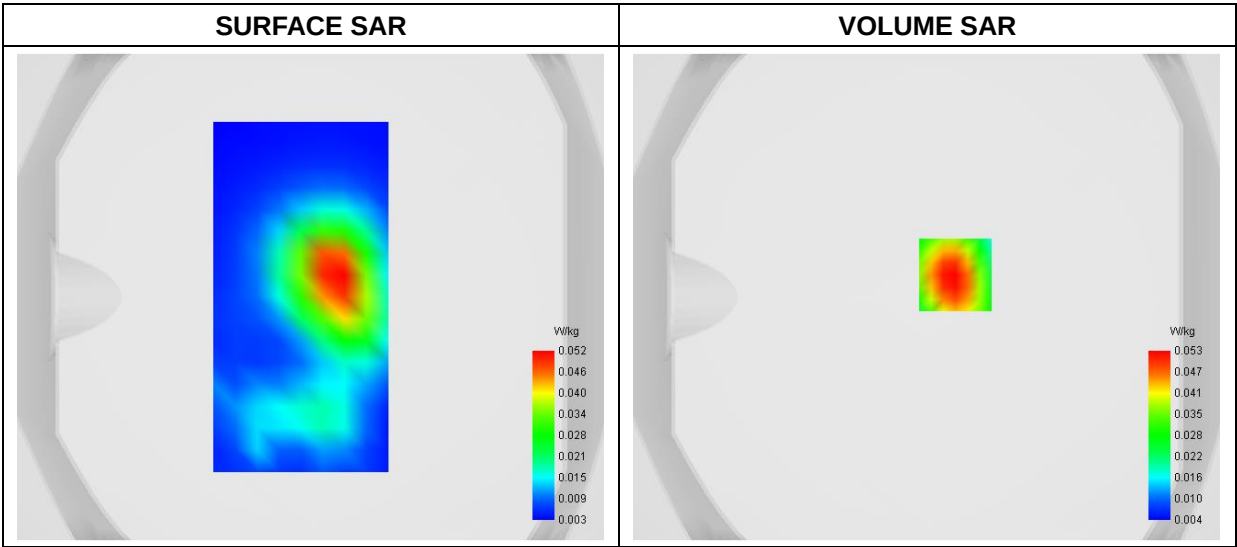
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n7A
Channels	DFT-s OFDM 16QAM, 40MHz, 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 (%)	1.361200
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

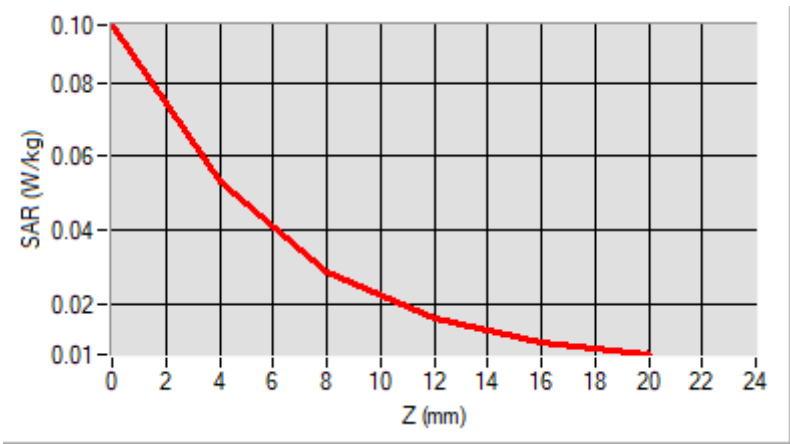


Maximum location: X=12.00, Y=9.00
D. SAR 1g & 10g

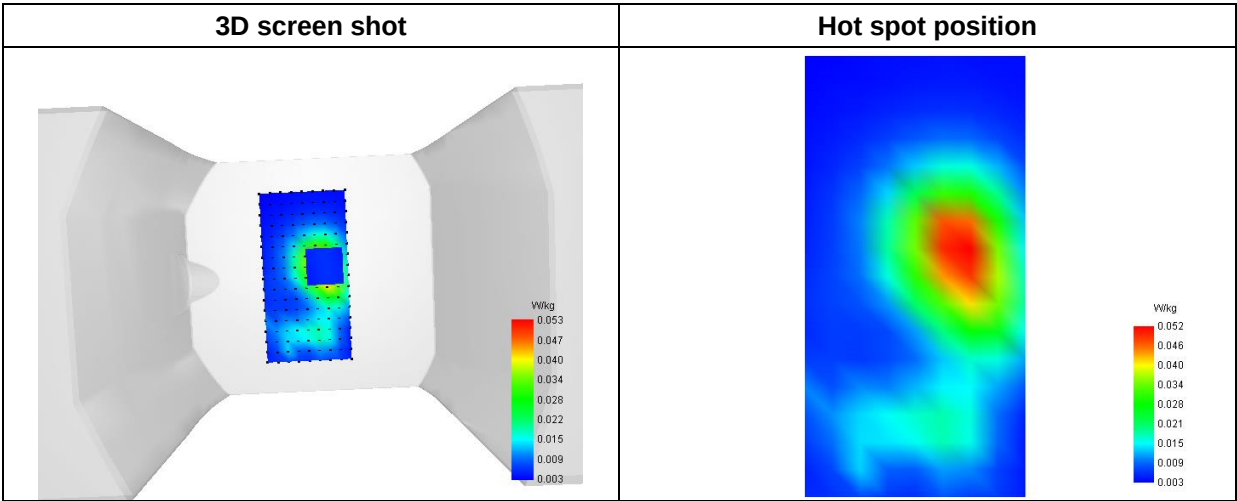
SAR 10g (W/Kg)	0.025817
SAR 1g (W/Kg)	0.049838

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0956	0.0528	0.0284	0.0157	0.0096



F. 3D Image



MEASUREMENT 54

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

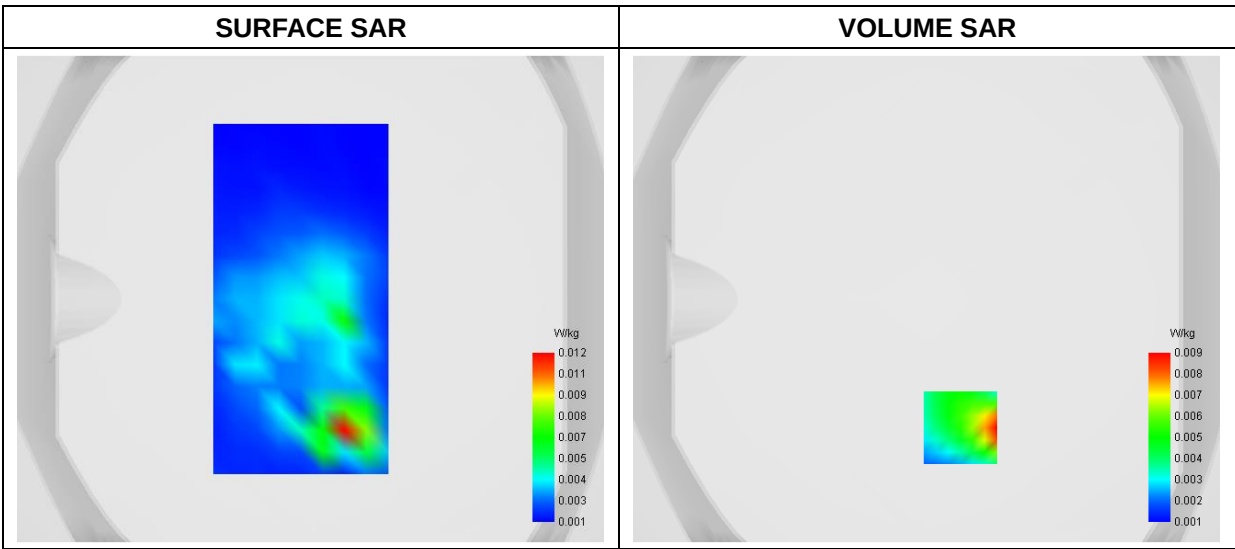
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n12A
Channels	DFT-s OFDM 16QAM, 15MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	706.500000
Relative Permittivity (real part)	42.281475
Conductivity (S/m)	0.861249
Power Variation (%)	-1.364200
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

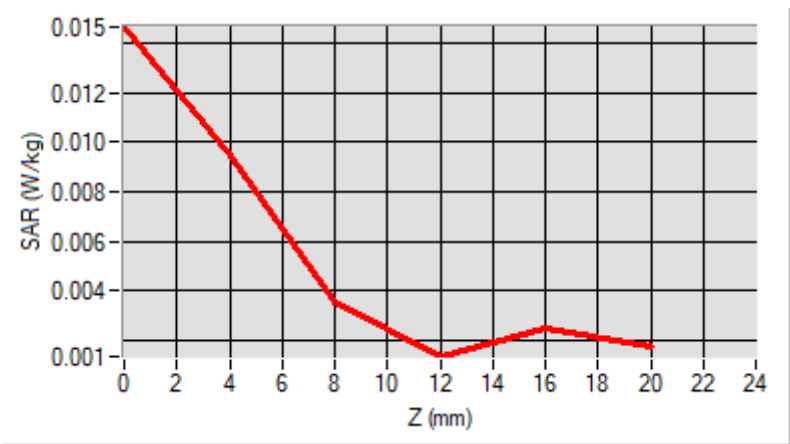


Maximum location: X=14.00, Y=-53.00
D. SAR 1g & 10g

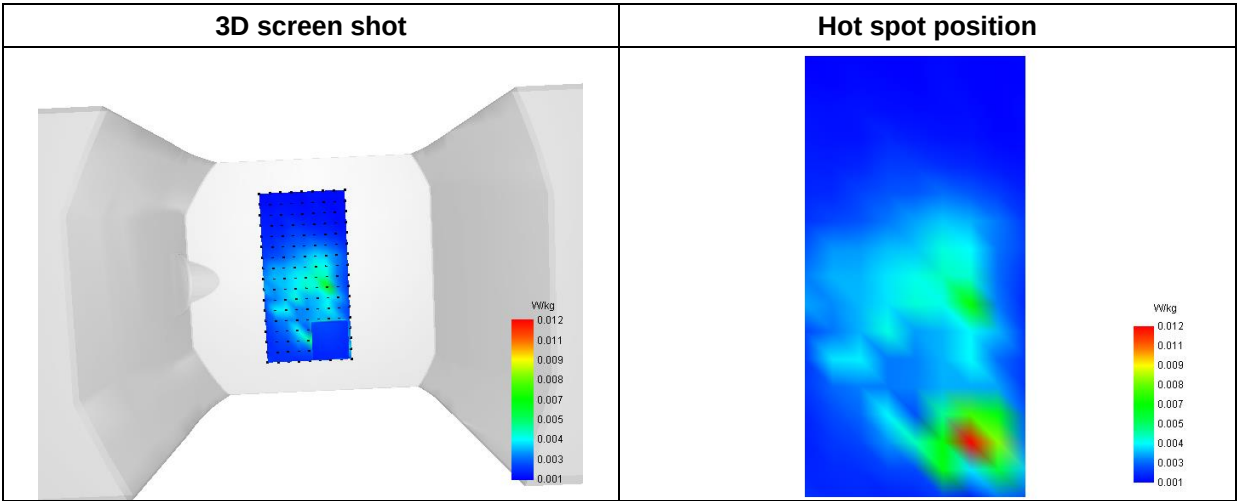
SAR 10g (W/Kg)	0.004271
SAR 1g (W/Kg)	0.008325

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0146	0.0094	0.0035	0.0013	0.0025



F. 3D Image



MEASUREMENT 55

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

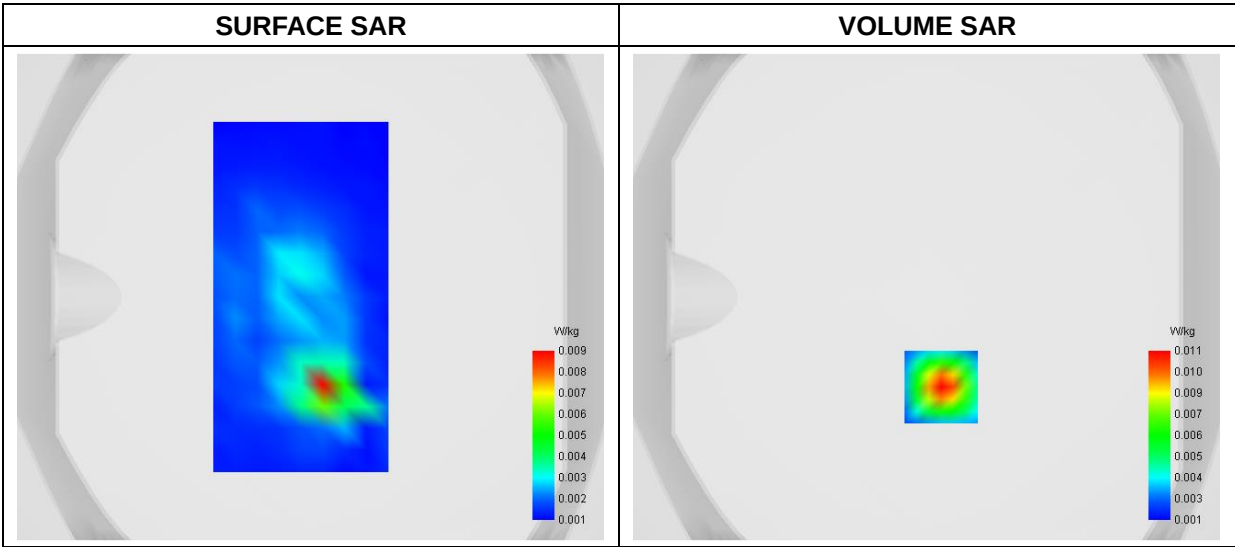
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n14A
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)	42.281895
Conductivity (S/m)	0.861557
Power Variation (%)	-0.135900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

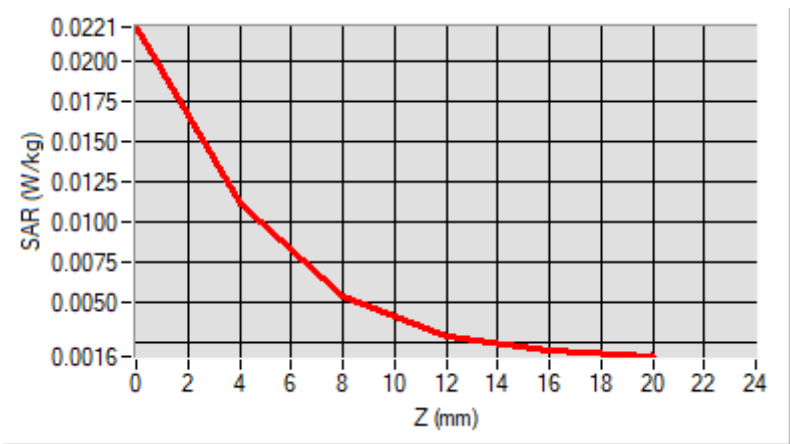


Maximum location: X=6.00, Y=-37.00
D. SAR 1g & 10g

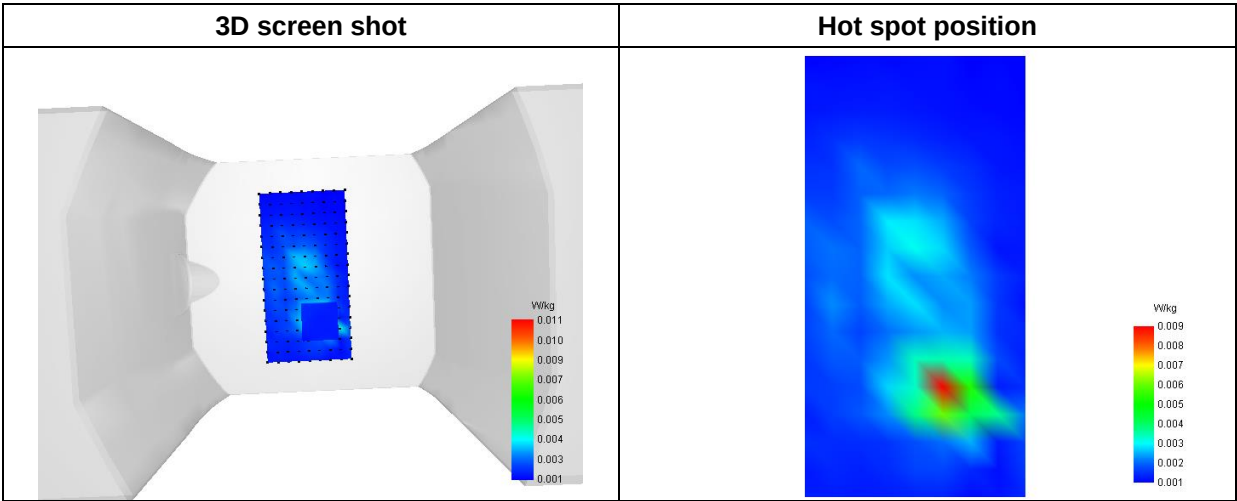
SAR 10g (W/Kg)	0.004726
SAR 1g (W/Kg)	0.010049

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0221	0.0111	0.0054	0.0029	0.0020



F. 3D Image



MEASUREMENT 56

Type: Phone measurement (Complete)
Date of measurement: 2024-03-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2023-07-07

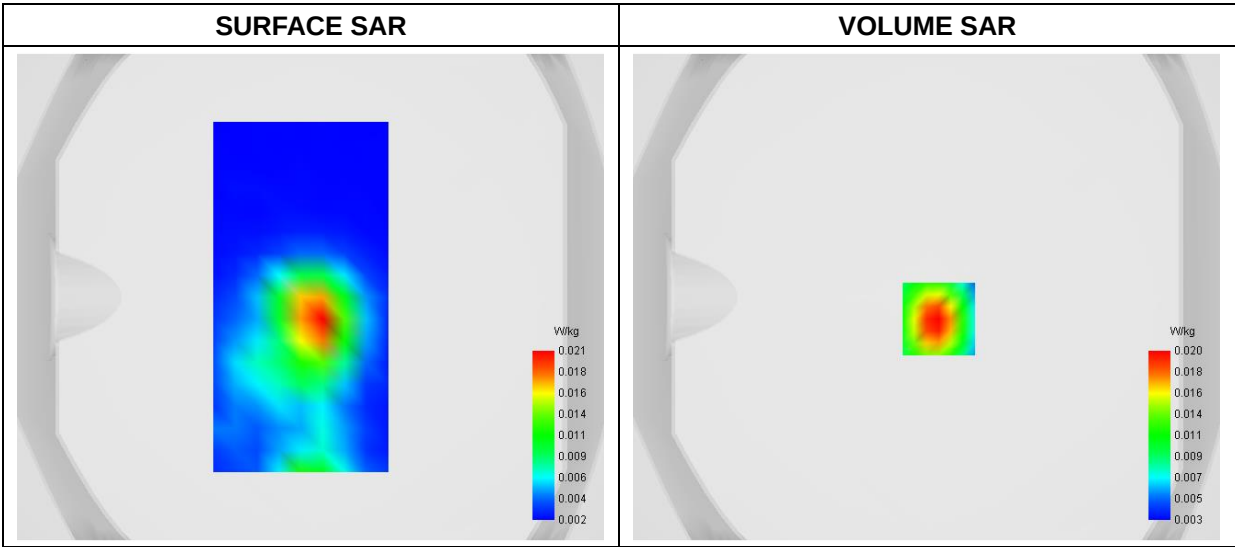
A. Experimental conditions

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 n25
Channels	DFT-s-OFDM PI/2 BPSK, 40MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1870.000000
Relative Permittivity (real part)	39.524712
Conductivity (S/m)	1.371495
Power Variation (%)	-0.964600
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

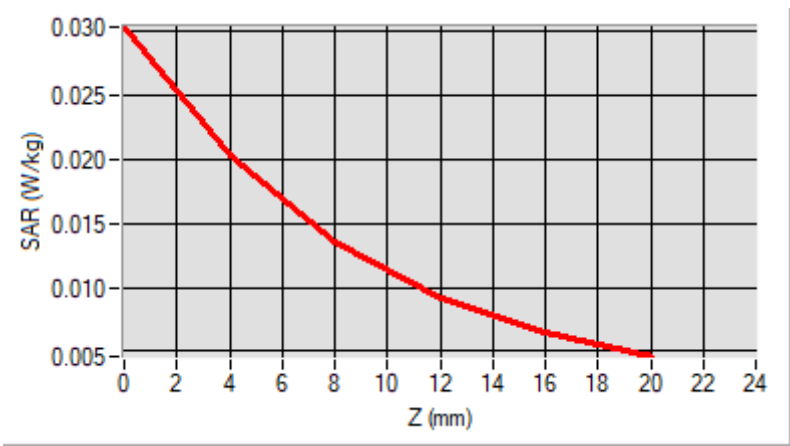


Maximum location: X=5.00, Y=-9.00
D. SAR 1g & 10g

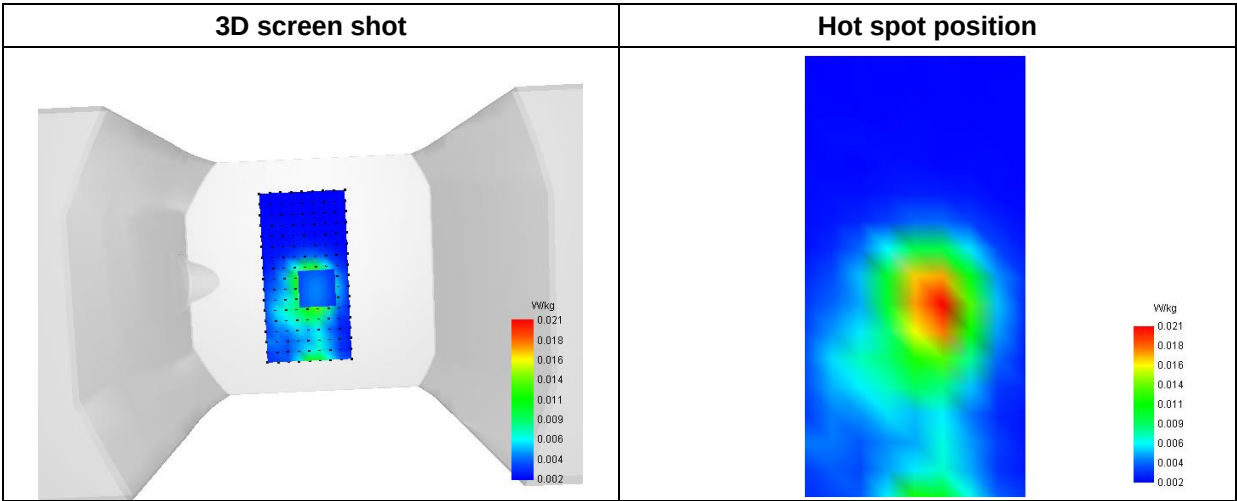
SAR 10g (W/Kg)	0.010710
SAR 1g (W/Kg)	0.018628

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0303	0.0202	0.0135	0.0092	0.0065



F. 3D Image



MEASUREMENT 57

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

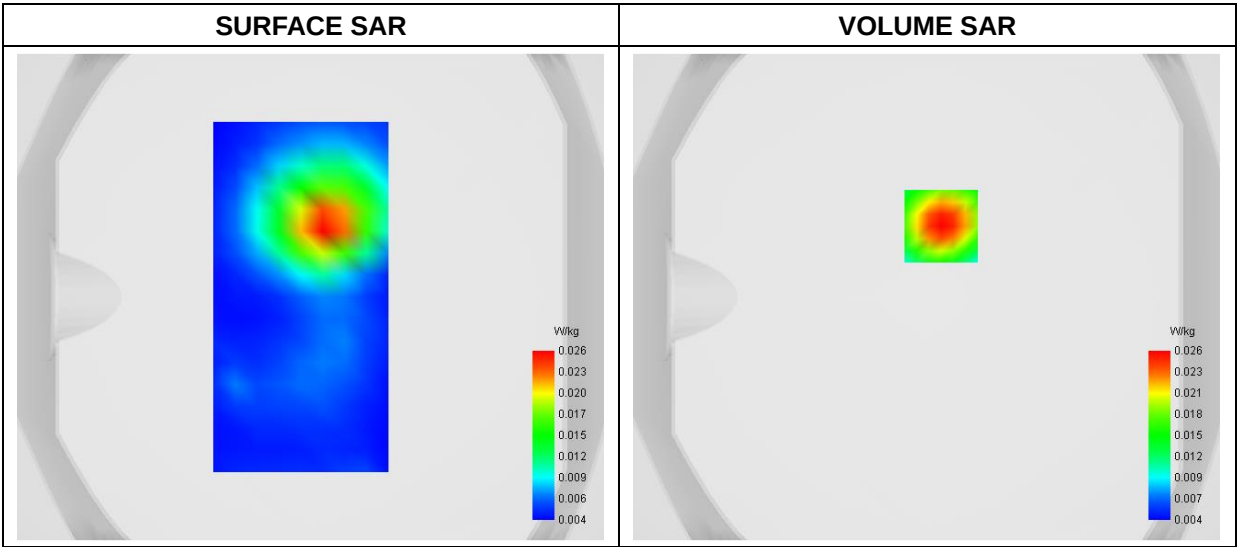
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n30A
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 (%)	-1.196100
Ambient Temperature	22.6
Liquid Temperature	22.6

C. SAR Surface and Volume

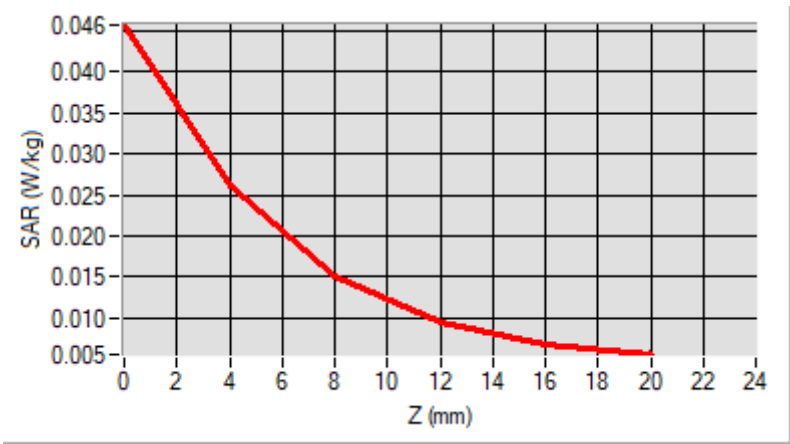


Maximum location: X=6.00, Y=29.00
D. SAR 1g & 10g

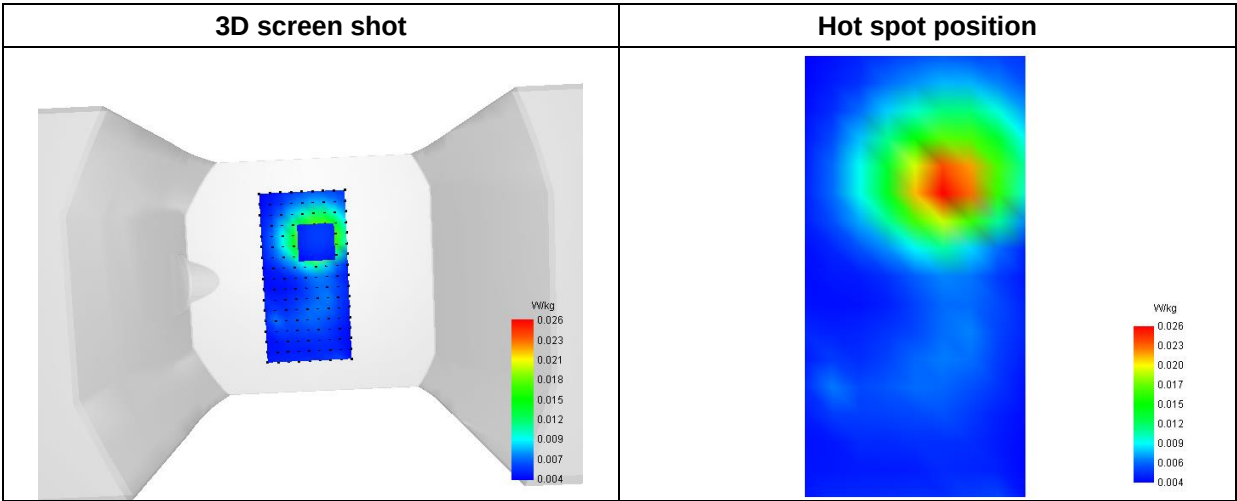
SAR 10g (W/Kg)	0.013935
SAR 1g (W/Kg)	0.024732

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0458	0.0262	0.0151	0.0094	0.0068



F. 3D Image



MEASUREMENT 58

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

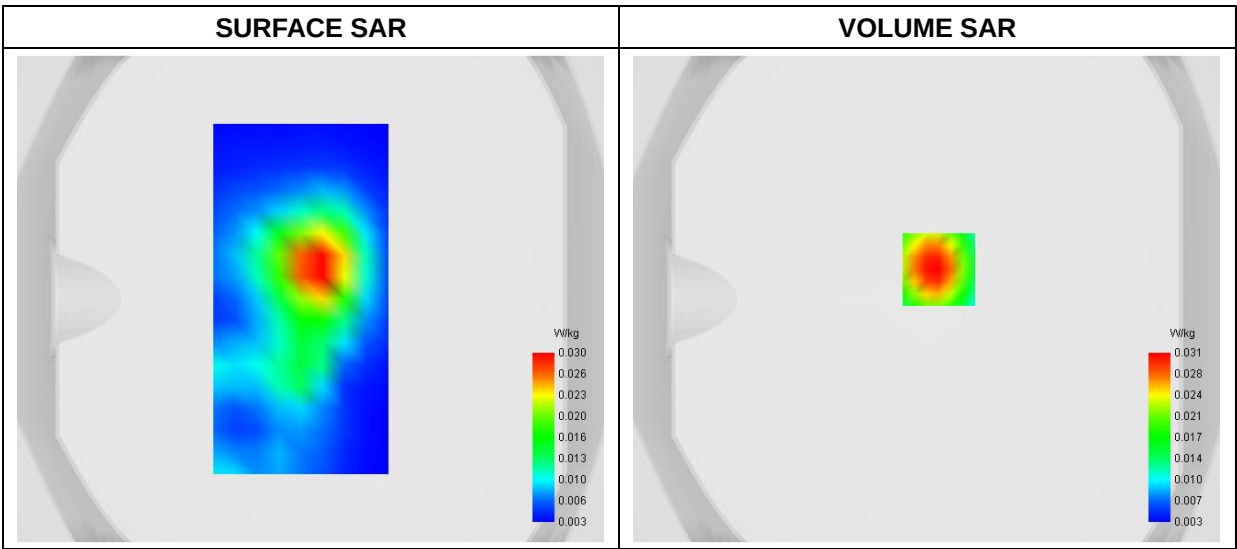
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n38
Channels	DFT-s-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 (%)	-1.361900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

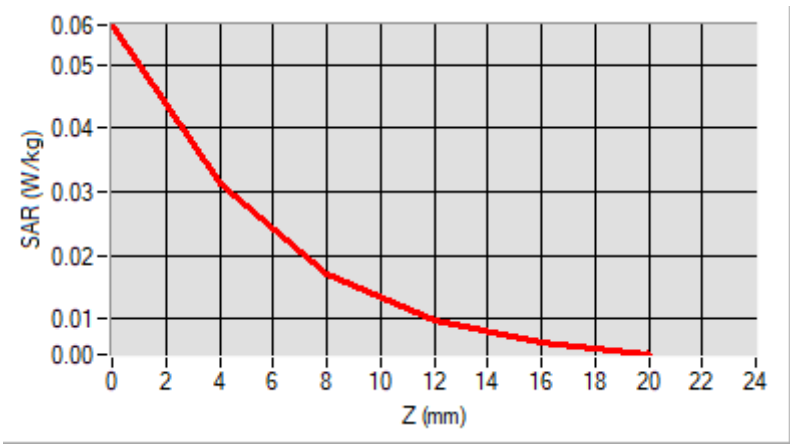


Maximum location: X=5.00, Y=12.00
D. SAR 1g & 10g

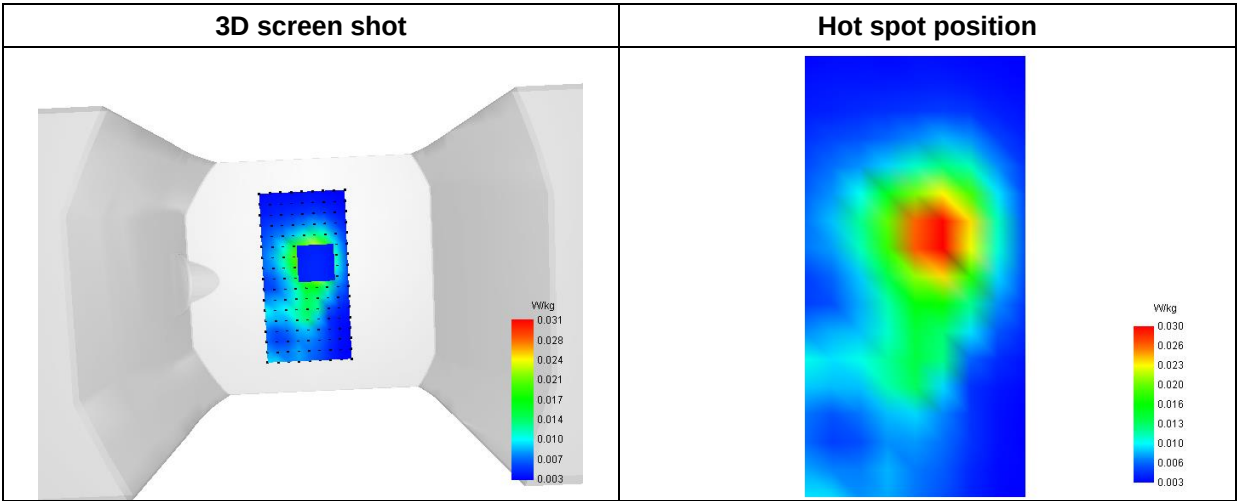
SAR 10g (W/Kg)	0.015646
SAR 1g (W/Kg)	0.029763

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0563	0.0313	0.0171	0.0098	0.0063



F. 3D Image



MEASUREMENT 59

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

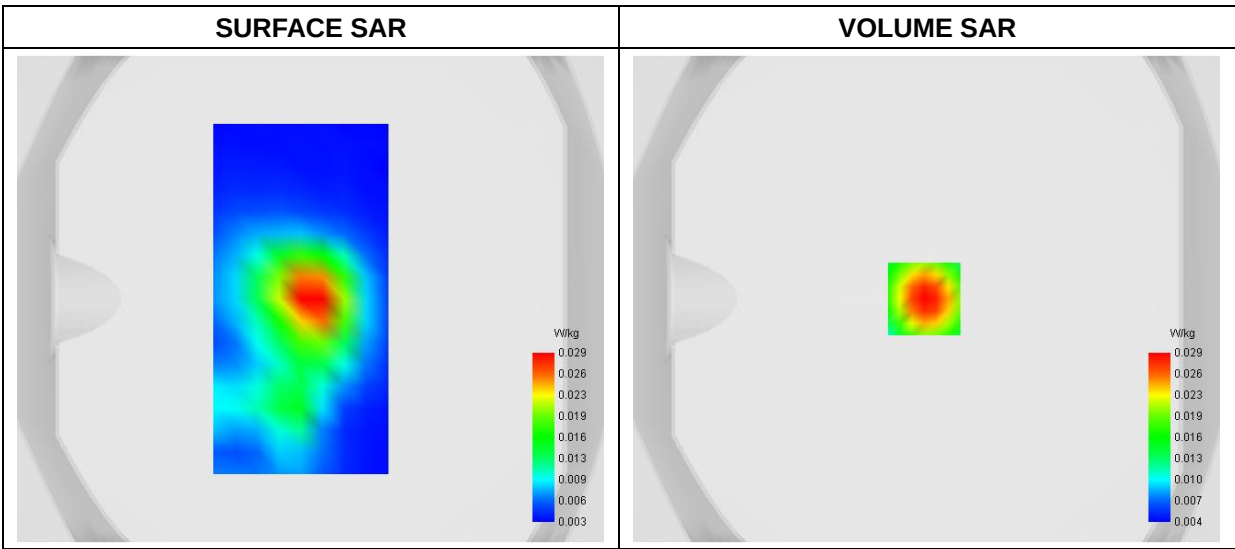
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n41
Channels	DFT-s OFDM 16QAM, 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 (%)	1.364100
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

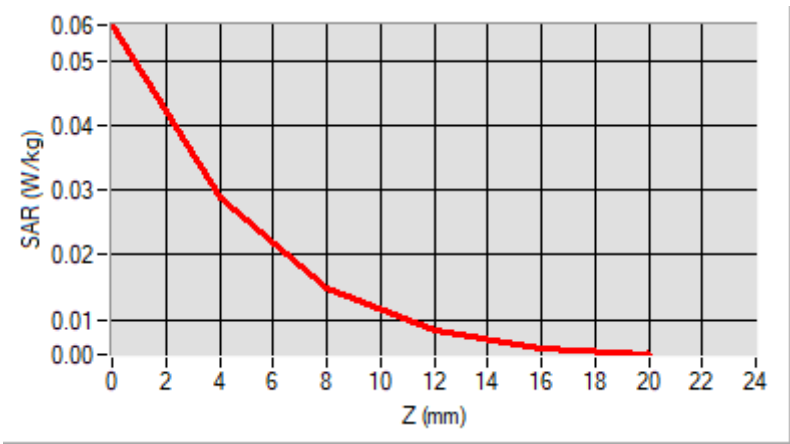


Maximum location: X=-1.00, Y=0.00
D. SAR 1g & 10g

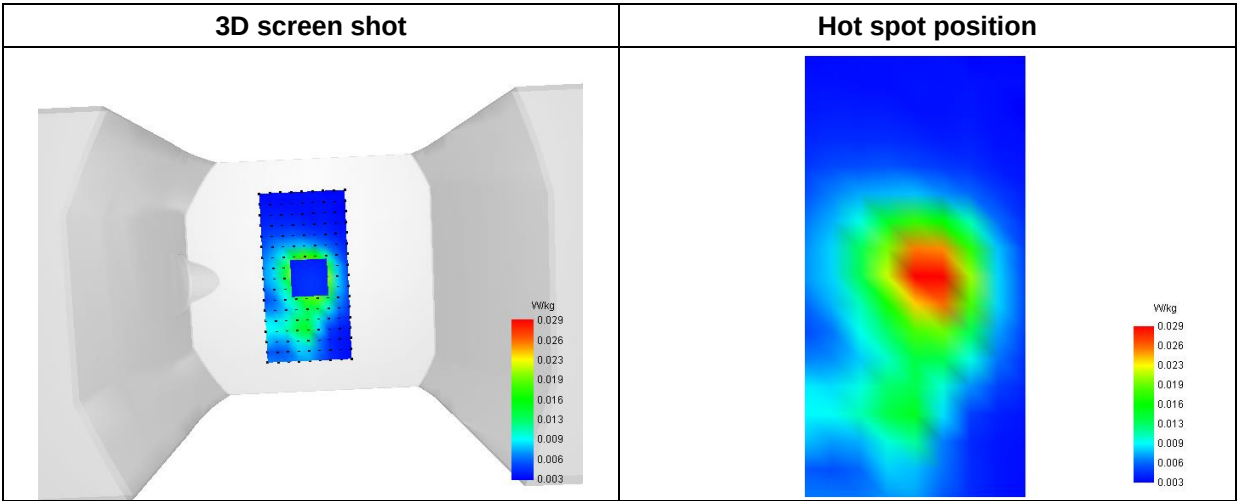
SAR 10g (W/Kg)	0.014517
SAR 1g (W/Kg)	0.027500

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0555	0.0289	0.0147	0.0082	0.0057



F. 3D Image



MEASUREMENT 60

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

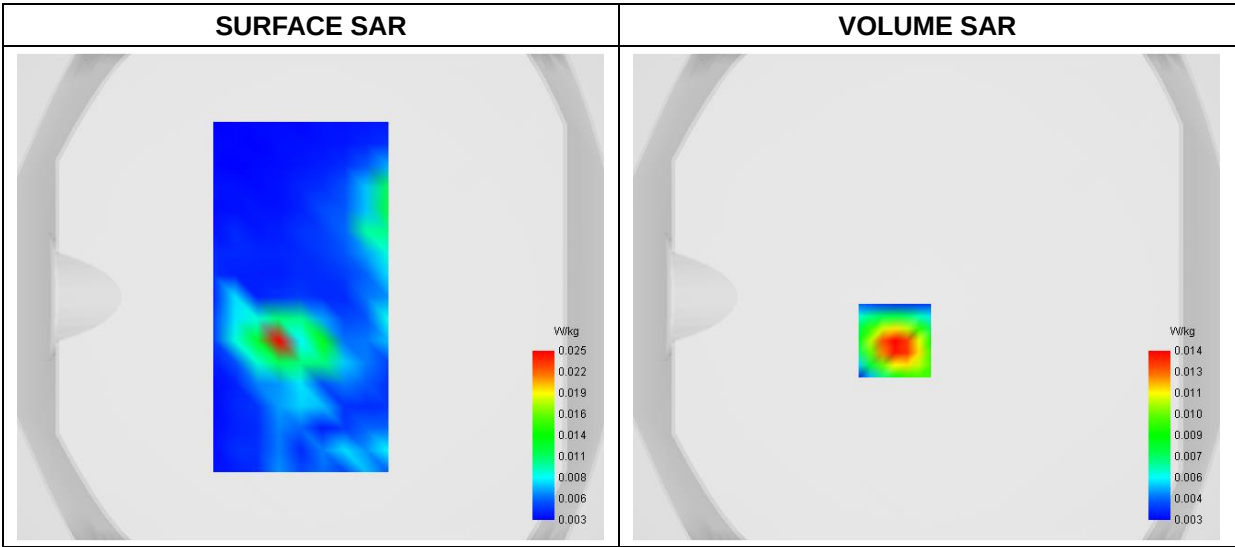
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n48
Channels	DFT-s OFDM 16QAM, 40MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	3679.980000
Relative Permittivity (real part)	35.121926
Conductivity (S/m)	3.332821
Power Variation (%)	1.185700
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

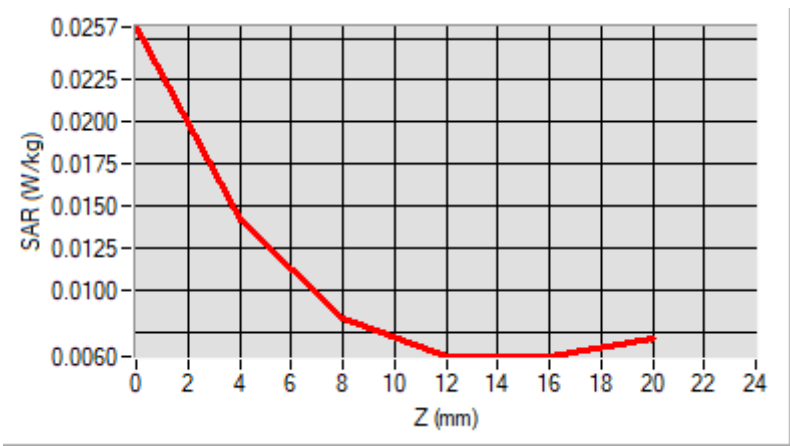


Maximum location: X=-13.00, Y=-18.00
D. SAR 1g & 10g

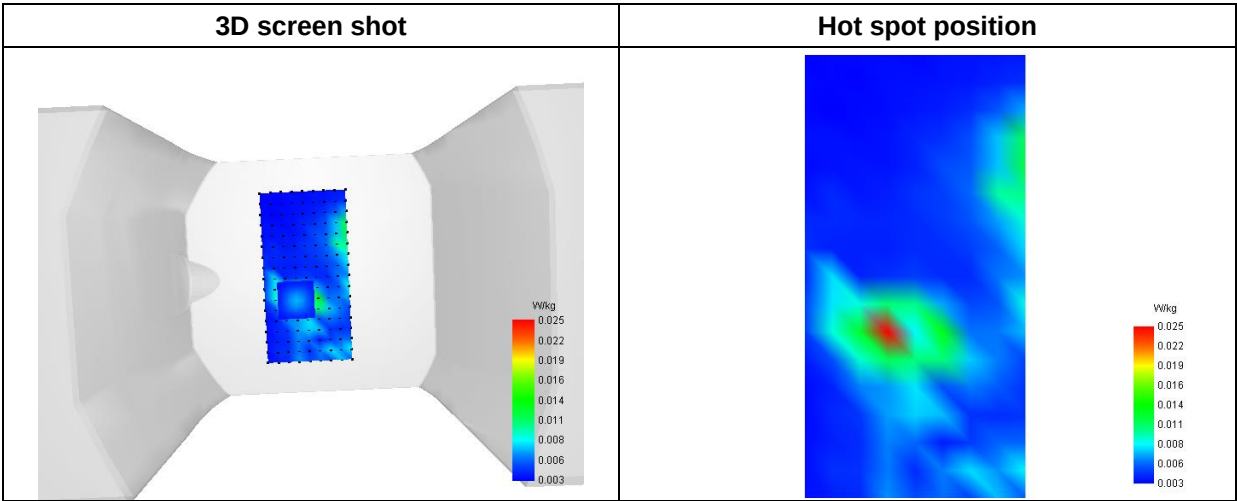
SAR 10g (W/Kg)	0.008277
SAR 1g (W/Kg)	0.013455

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0257	0.0141	0.0082	0.0060	0.0060



F. 3D Image



MEASUREMENT 61

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

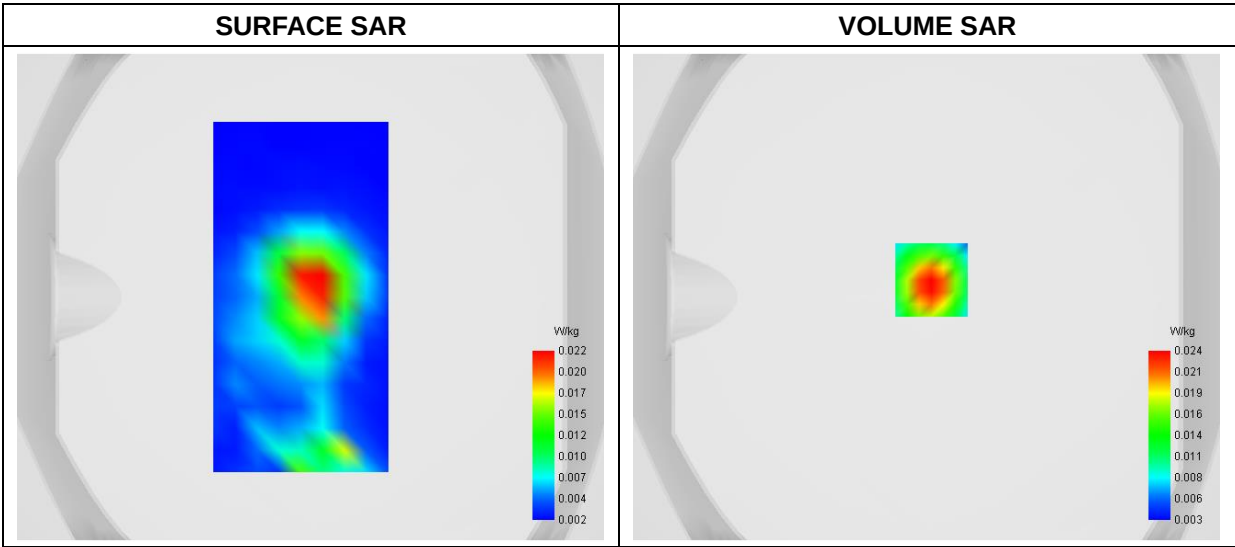
A. Experimental conditions

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 n66
Channels	DFT-s-OFDM PI/2 BPSK, 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 (%)	0.421700
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

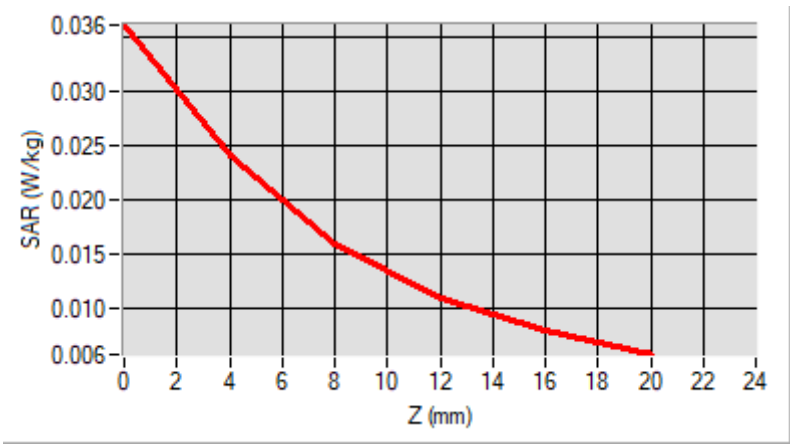


Maximum location: X=2.00, Y=7.00
D. SAR 1g & 10g

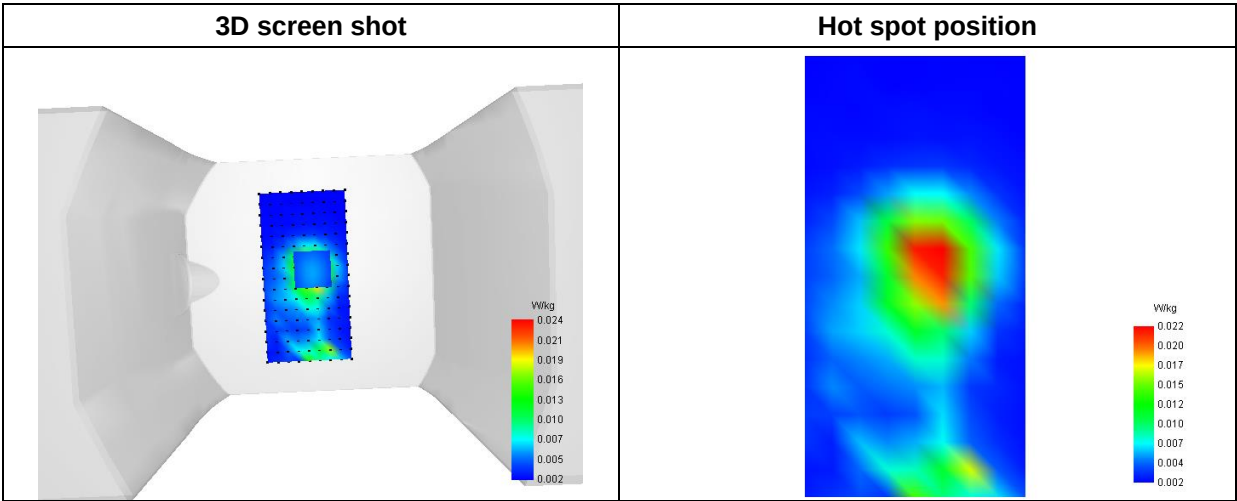
SAR 10g (W/Kg)	0.012828
SAR 1g (W/Kg)	0.022262

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0361	0.0241	0.0161	0.0111	0.0080



F. 3D Image



MEASUREMENT 62

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

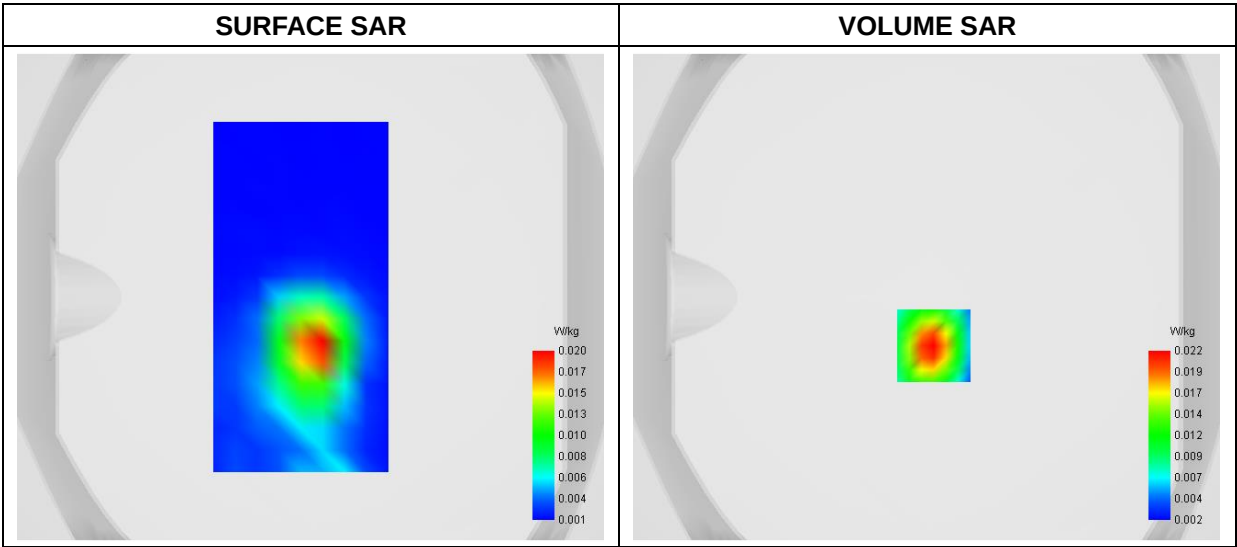
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n71
Channels	DFT-s OFDM 16QAM, 20MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	680.500000
Relative Permittivity (real part)	42.282631
Conductivity (S/m)	0.863625
Power Variation (%)	1.537400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

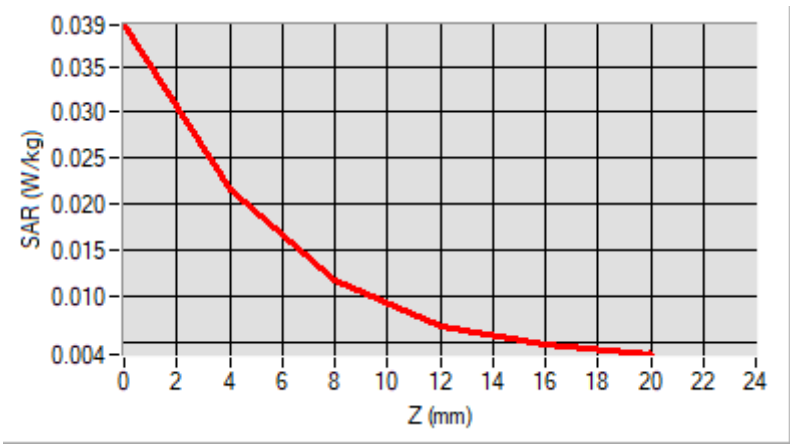


Maximum location: X=3.00, Y=-20.00
D. SAR 1g & 10g

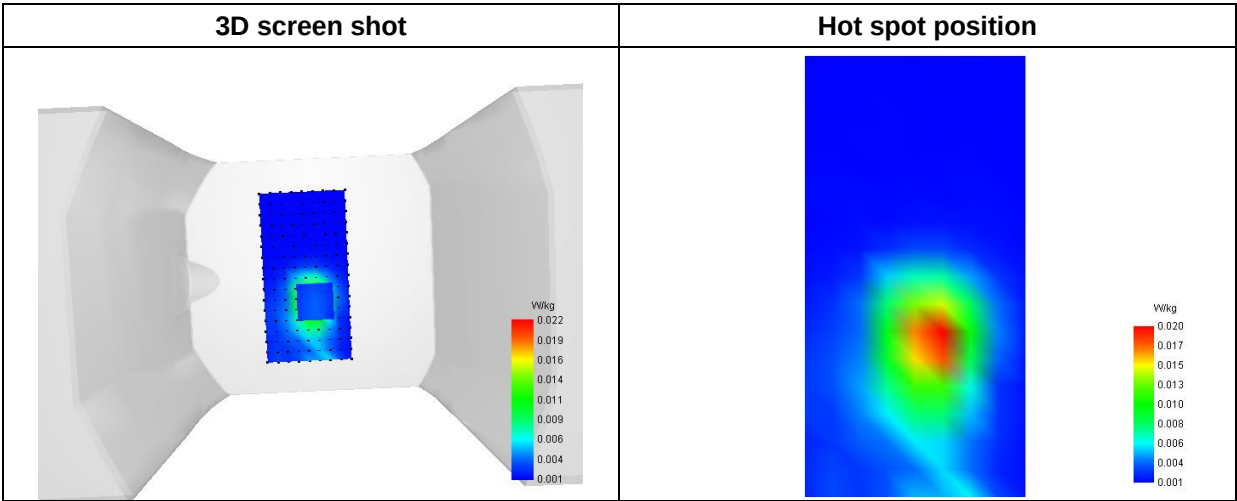
SAR 10g (W/Kg)	0.010124
SAR 1g (W/Kg)	0.019819

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0395	0.0215	0.0116	0.0068	0.0047



F. 3D Image



MEASUREMENT 63

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

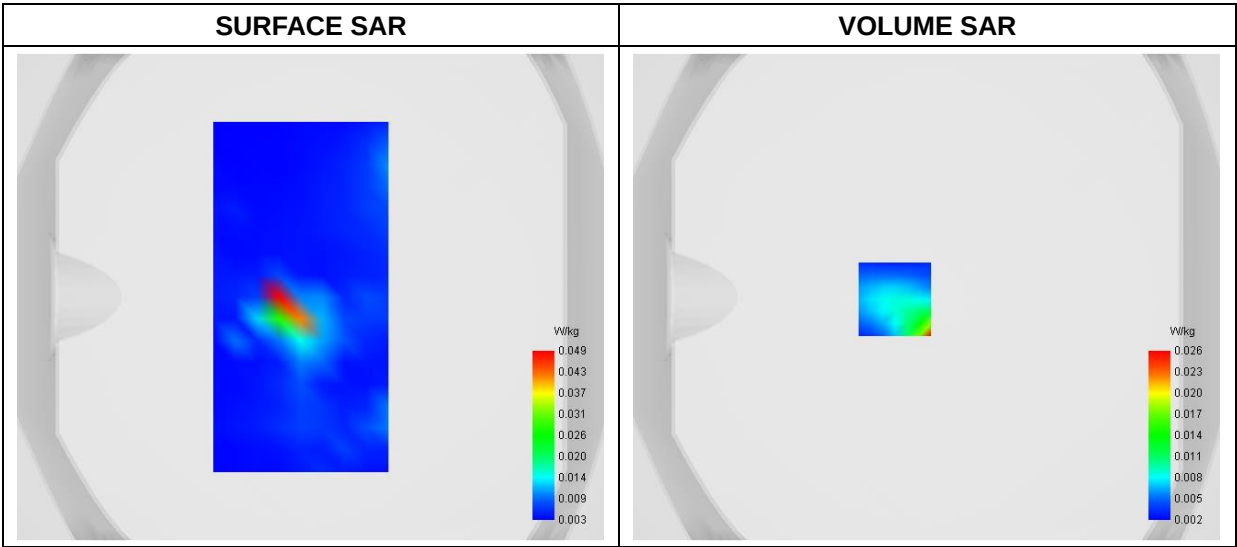
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n77/78_3450-3550MHz
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 (%)	1.837400
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

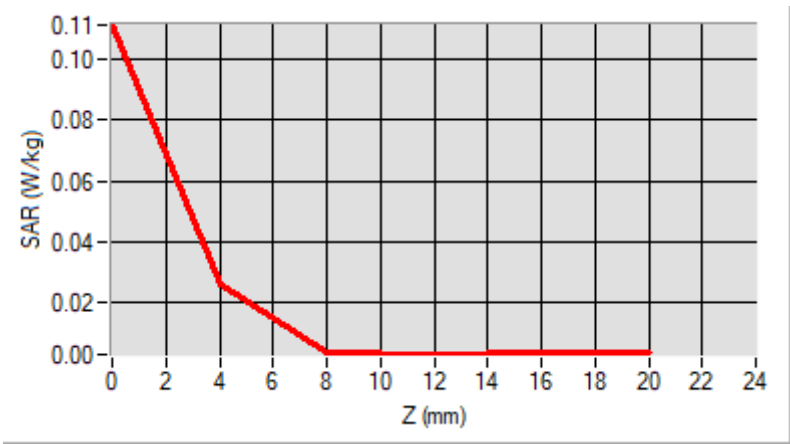


Maximum location: X=-13.00, Y=-1.00
D. SAR 1g & 10g

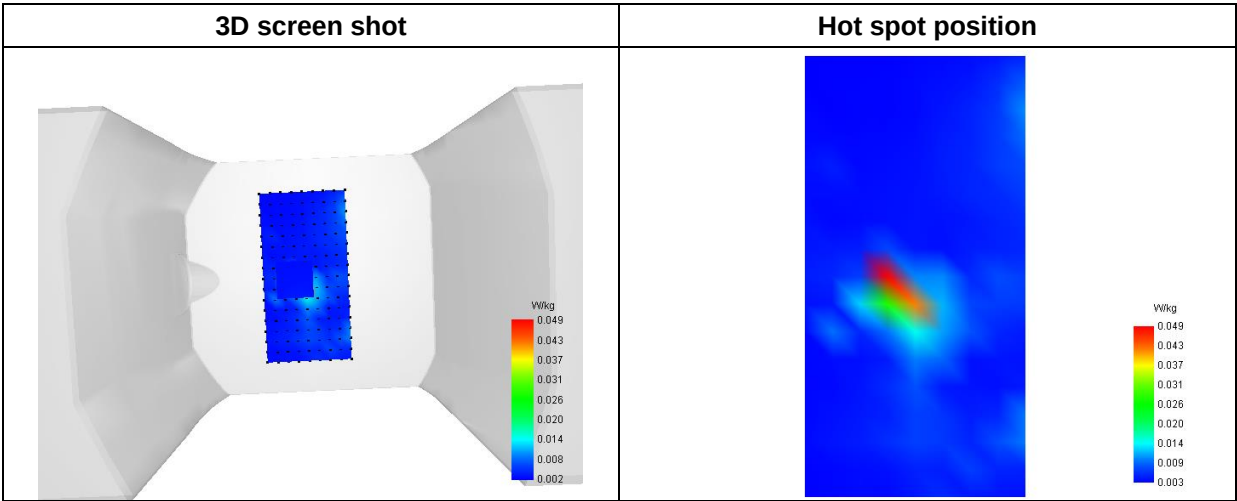
SAR 10g (W/Kg)	0.007601
SAR 1g (W/Kg)	0.015085

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.1113	0.0261	0.0036	0.0029	0.0033



F. 3D Image



MEASUREMENT 64

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

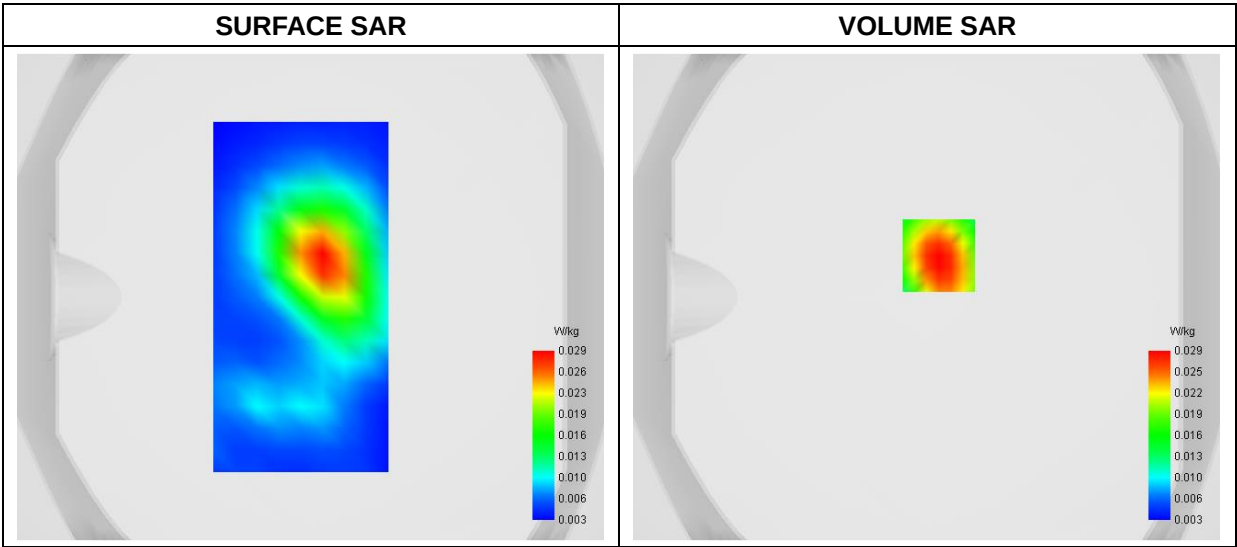
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front
Band	5G NR_EN-DC n77/78_3700-3980MHz
Channels	DFT-s OFDM 16QAM, 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 (%)	1.464400
Ambient Temperature	22.9
Liquid Temperature	22.9

C. SAR Surface and Volume

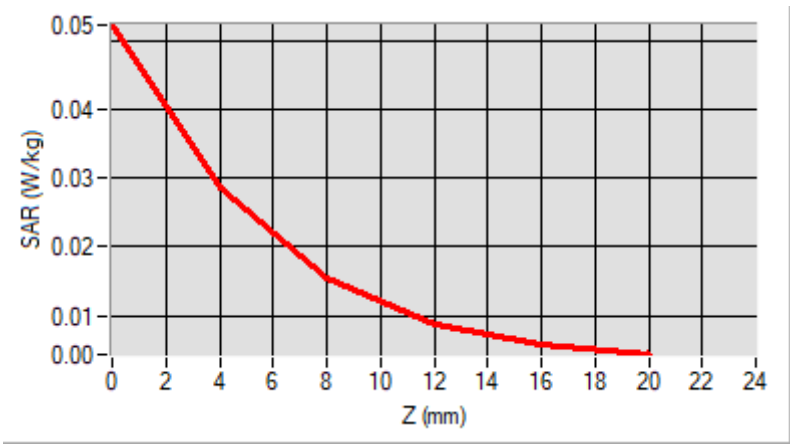


Maximum location: X=5.00, Y=17.00
D. SAR 1g & 10g

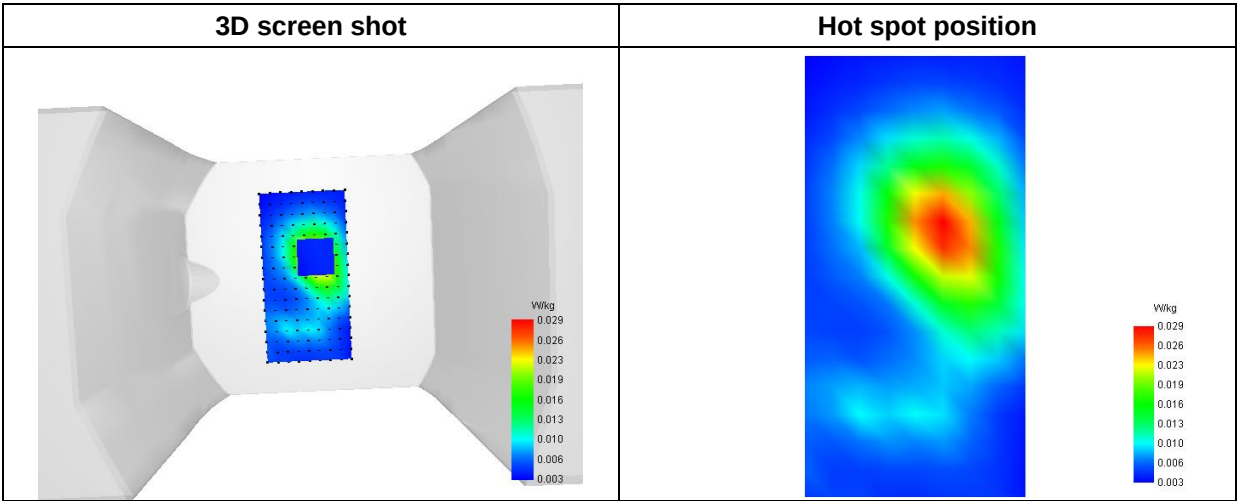
SAR 10g (W/Kg)	0.014813
SAR 1g (W/Kg)	0.027314

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.0522	0.0286	0.0154	0.0089	0.0059



F. 3D Image



MEASUREMENT 65

Type: Phone measurement (Complete)
Date of measurement: 2024-04-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

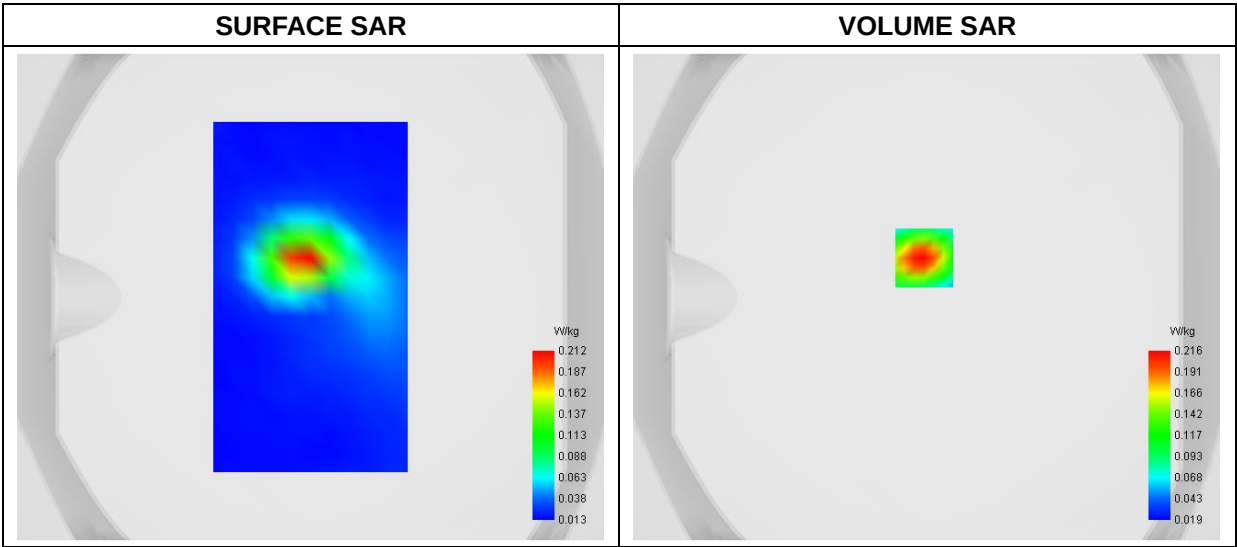
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.2GHz)_802.11a-ANT0
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5200.000000
Relative Permittivity (real part)	36.532911
Conductivity (S/m)	4.701483
Power Variation (%)	0.347800
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

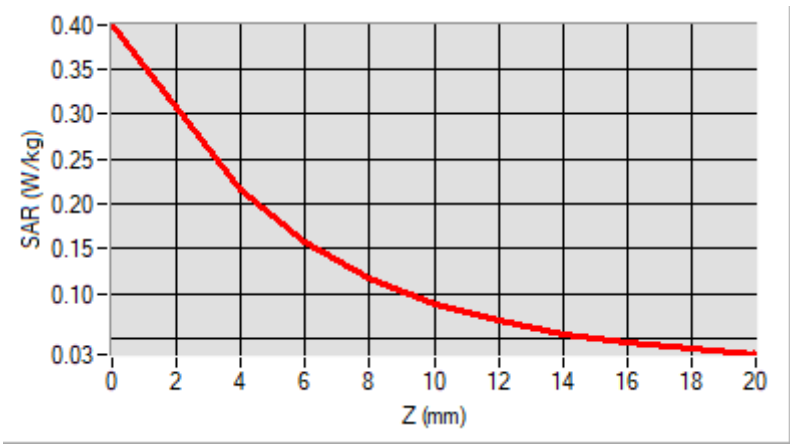


Maximum location: X=-1.00, Y=16.00
D. SAR 1g & 10g

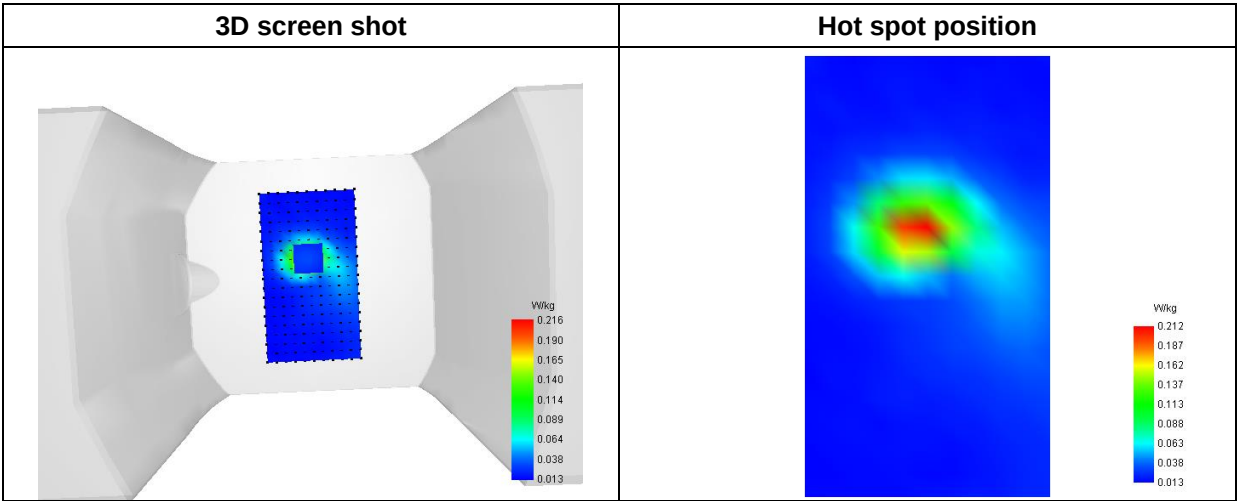
SAR 10g (W/Kg)	0.093504
SAR 1g (W/Kg)	0.196309

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)	0.3987	0.2157	0.1586	0.1175	0.0891	0.0695	0.0559	0.0461	0.0387



F. 3D Image



MEASUREMENT 66

Type: Phone measurement (Complete)
Date of measurement: 2024-04-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

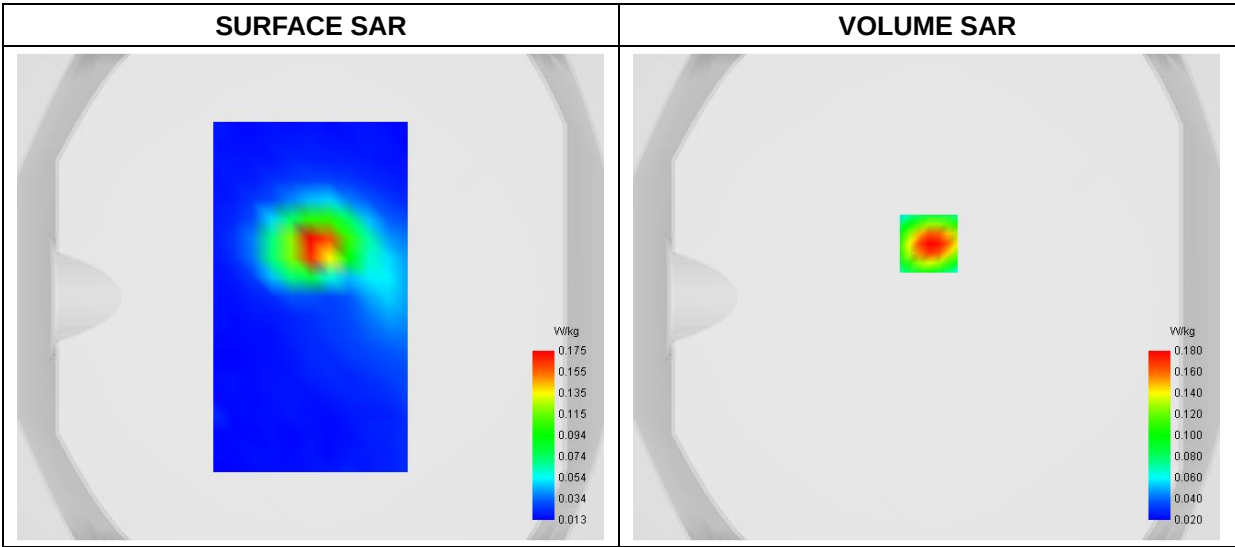
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.3GHz)_802.11a-ANT0
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative Permittivity (real part)	36.534187
Conductivity (S/m)	4.702669
Power Variation (%)	-0.554700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

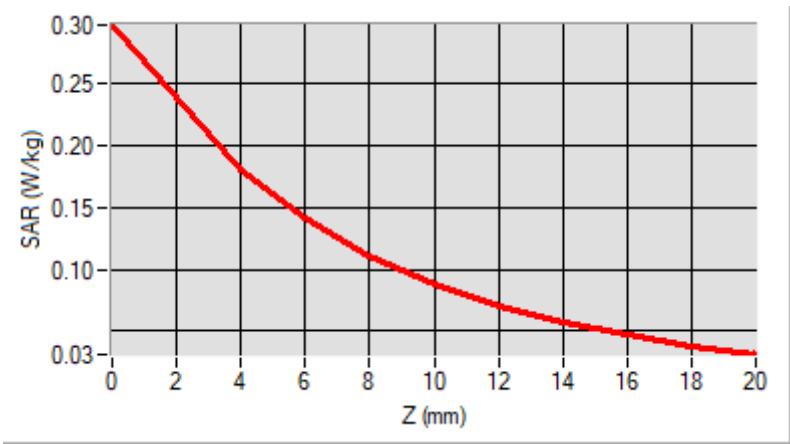


Maximum location: X=1.00, Y=22.00
D. SAR 1g & 10g

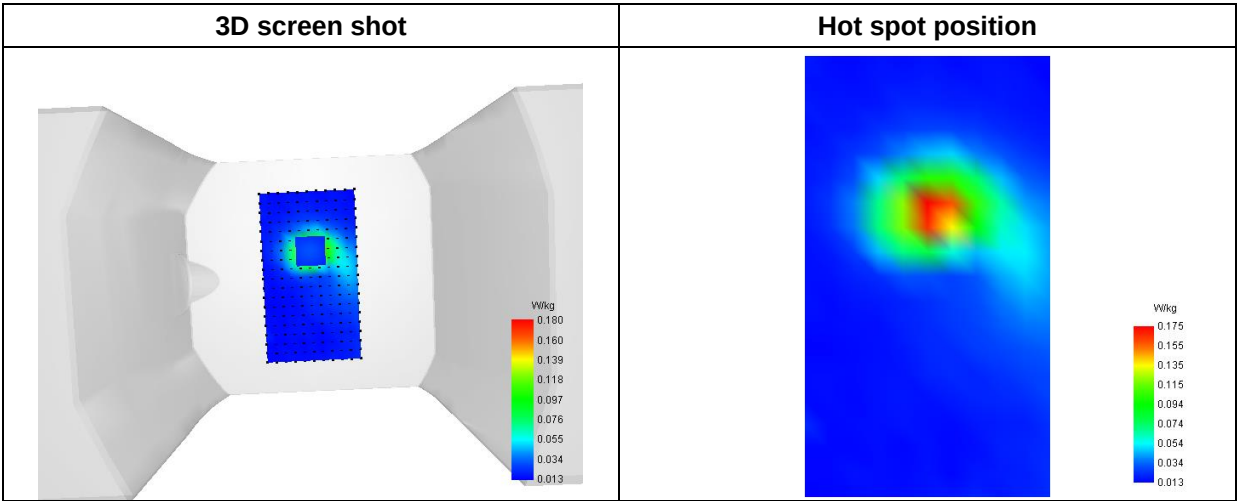
SAR 10g (W/Kg)	0.083531
SAR 1g (W/Kg)	0.164964

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)	0.2976	0.1805	0.1410	0.1106	0.0878	0.0706	0.0574	0.0470	0.0385



F. 3D Image



MEASUREMENT 67

Type: Phone measurement (Complete)
Date of measurement: 2024-04-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.25; Calibrated: 2023-07-07

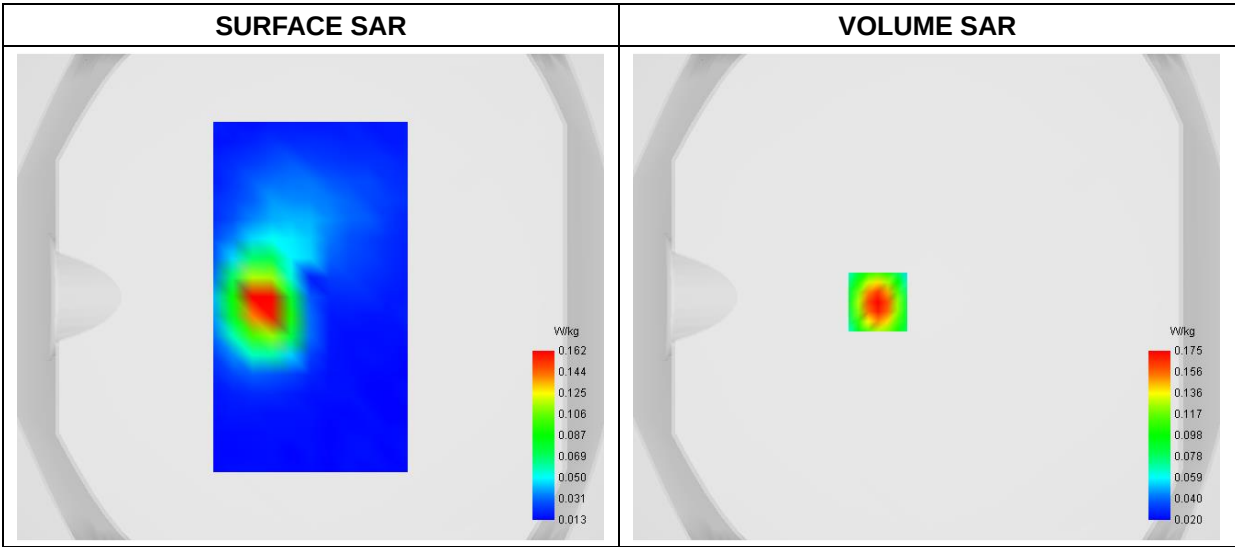
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.6GHz)_802.11n(HT20)-ANT0
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative Permittivity (real part)	36.682185
Conductivity (S/m)	5.105239
Power Variation (%)	1.548600
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

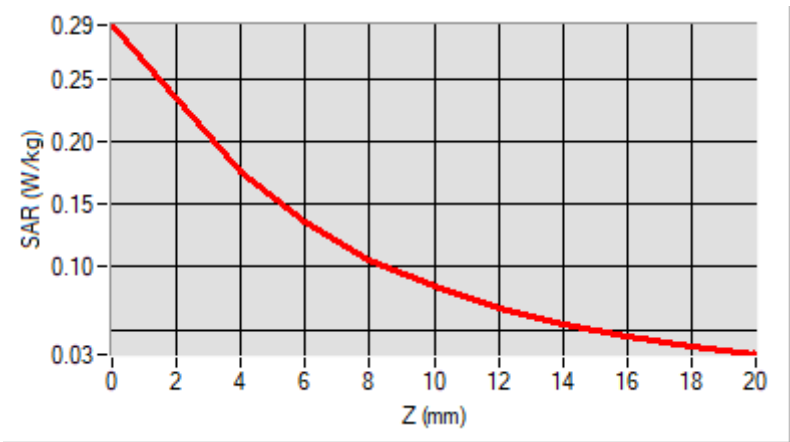


Maximum location: X=-20.00, Y=-2.00
D. SAR 1g & 10g

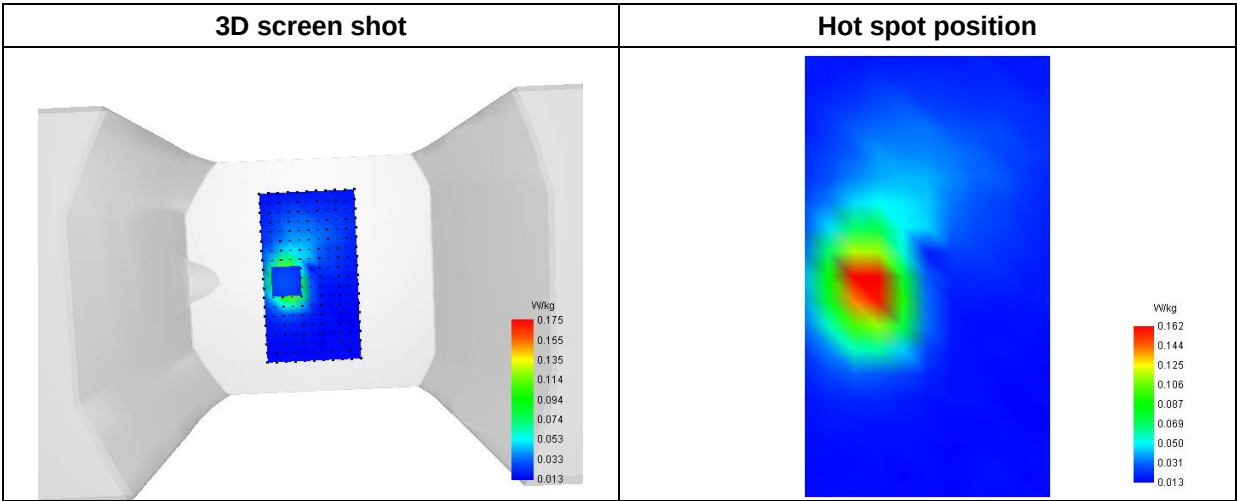
SAR 10g (W/Kg)	0.080885
SAR 1g (W/Kg)	0.159174

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)	0.2925	0.1751	0.1360	0.1060	0.0838	0.0672	0.0547	0.0449	0.0369



F. 3D Image



MEASUREMENT 68

Type: Phone measurement (Complete)
Date of measurement: 2024-04-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2023-07-07

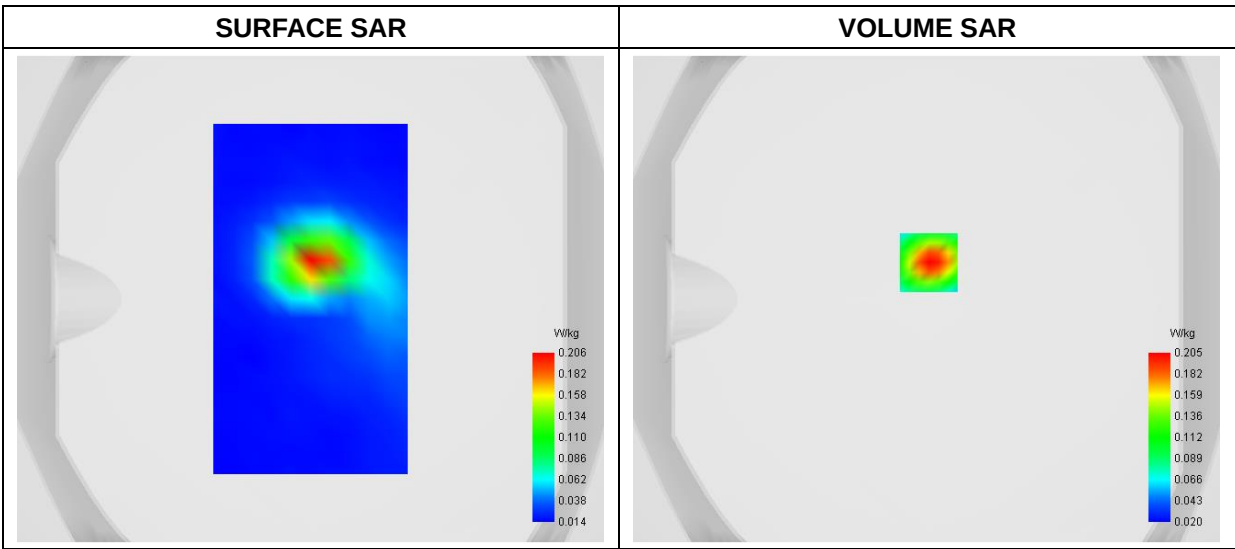
A. Experimental conditions

Area Scan	dx=9mm dy=9mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.8GHz)_802.11a-ANT0
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative Permittivity (real part)	36.273841
Conductivity (S/m)	5.185285
Power Variation (%)	3.284700
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

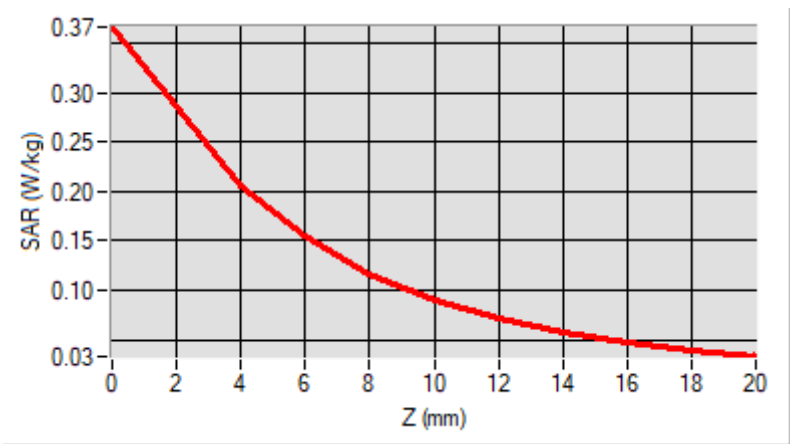


Maximum location: X=1.00, Y=15.00
D. SAR 1g & 10g

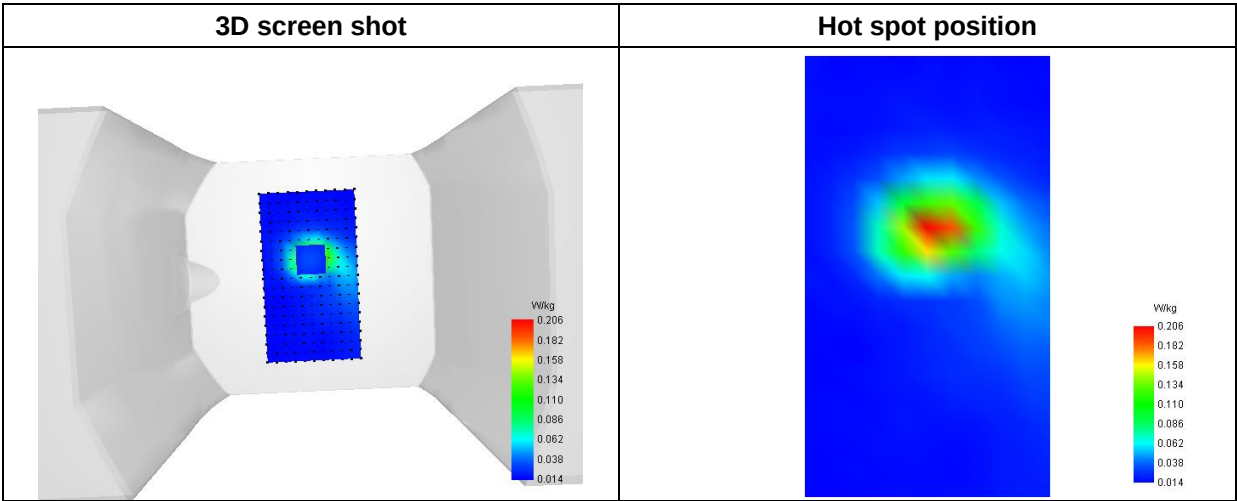
SAR 10g (W/Kg)	0.090516
SAR 1g (W/Kg)	0.187045

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)	0.3662	0.2054	0.1542	0.1165	0.0899	0.0710	0.0575	0.0475	0.0397



F. 3D Image



MEASUREMENT 69

Type: Phone measurement (Complete)
Date of measurement: 2024-04-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2023-07-07

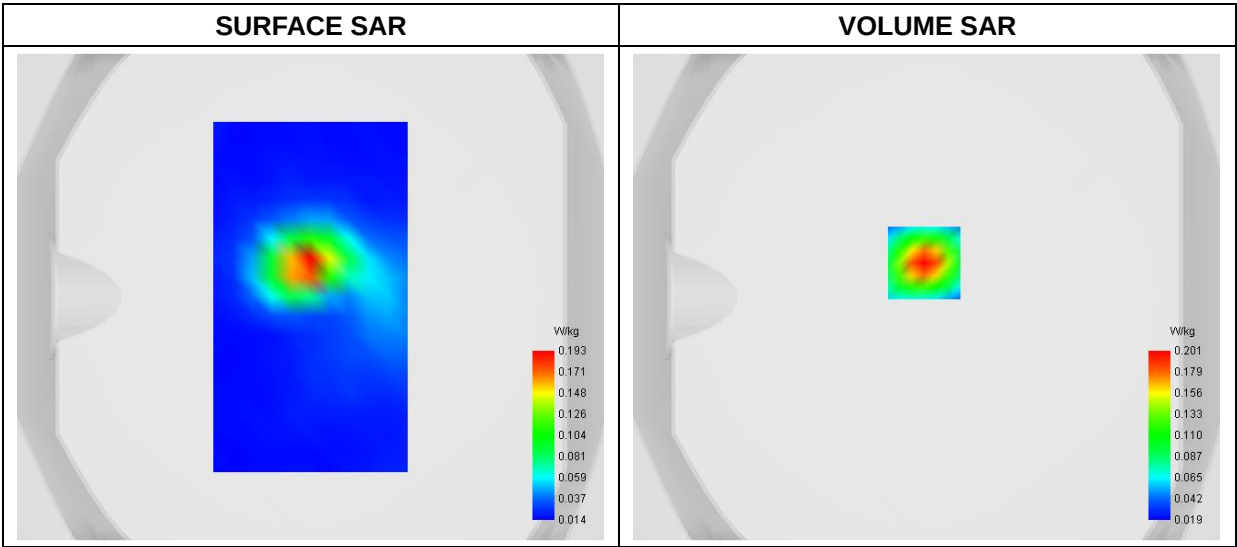
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(2.4GHz)_802.11b-ANT0
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative Permittivity (real part)	39.121835
Conductivity (S/m)	1.764129
Power Variation (%)	3.217400
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

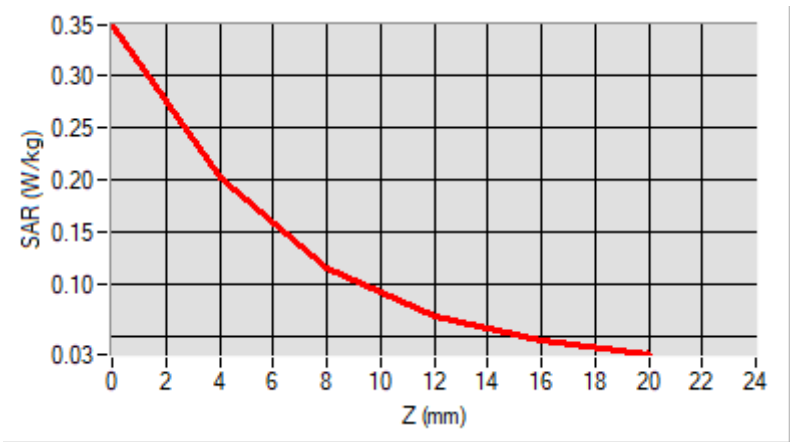


Maximum location: X=-1.00, Y=14.00
D. SAR 1g & 10g

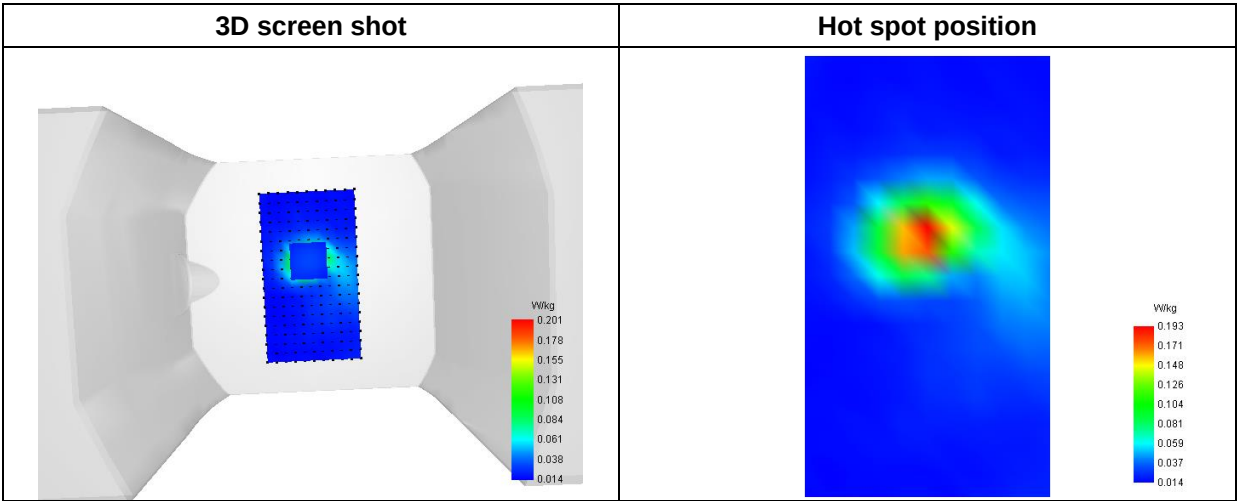
SAR 10g (W/Kg)	0.090540
SAR 1g (W/Kg)	0.181463

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3488	0.2015	0.1151	0.0688	0.0456



F. 3D Image



MEASUREMENT 70

Type: Phone measurement (Complete)
Date of measurement: 2024-04-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

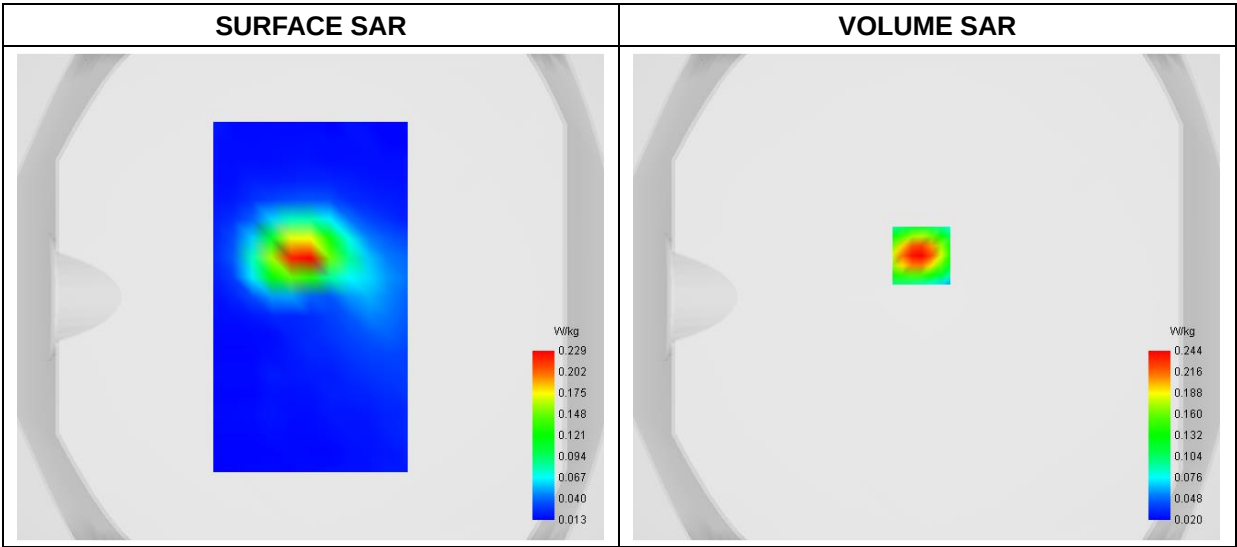
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.2GHz)_802.11a-ANT1
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5240.000000
Relative Permittivity (real part)	36.532123
Conductivity (S/m)	4.701827
Power Variation (%)	0.348900
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

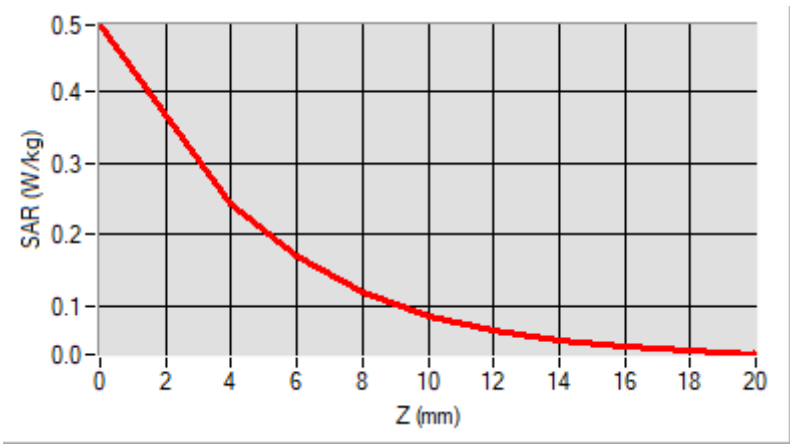


Maximum location: X=-2.00, Y=17.00
D. SAR 1g & 10g

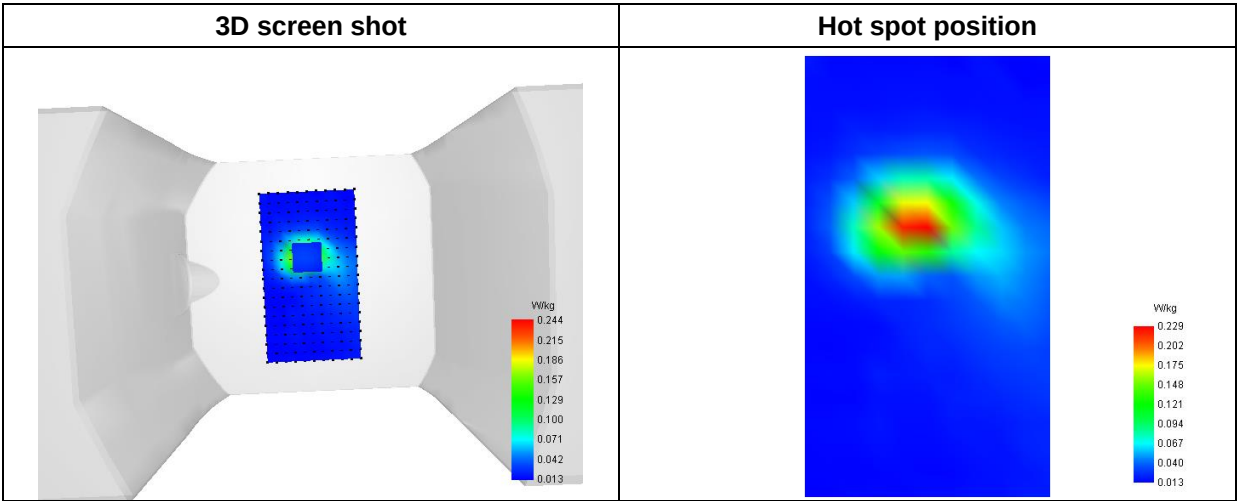
SAR 10g (W/Kg)	0.104032
SAR 1g (W/Kg)	0.224871

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)	0.4909	0.2439	0.1708	0.1205	0.0879	0.0669	0.0534	0.0446	0.0385



F. 3D Image



MEASUREMENT 71

Type: Phone measurement (Complete)
Date of measurement: 2024-04-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.91; Calibrated: 2023-07-07

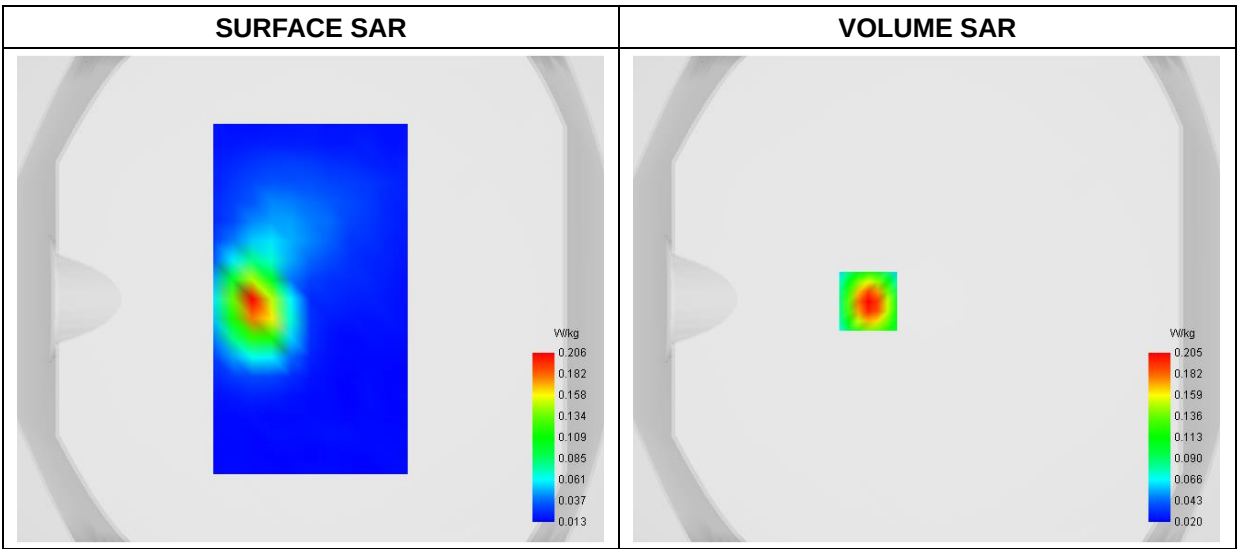
A. Experimental conditions

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

B. SAR Measurement Results

Frequency (MHz)	5280.000000
Relative Permittivity (real part)	36.534187
Conductivity (S/m)	4.702669
Power Variation (%)	0.551700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

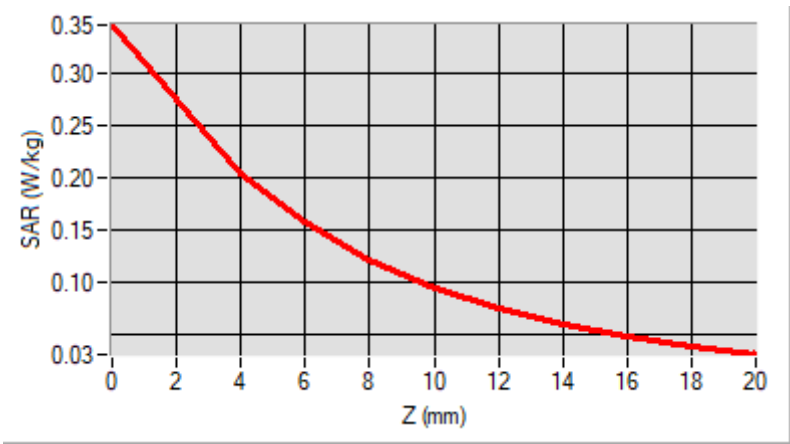


Maximum location: X=-24.00, Y=-1.00
D. SAR 1g & 10g

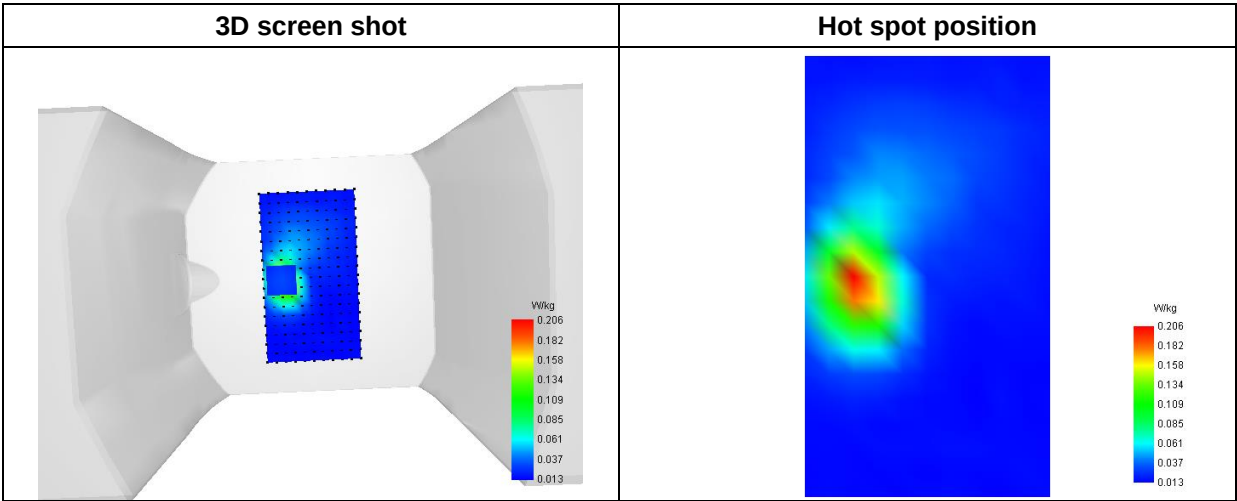
SAR 10g (W/Kg)	0.091382
SAR 1g (W/Kg)	0.185687

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)	0.3468	0.2048	0.1576	0.1215	0.0949	0.0750	0.0600	0.0484	0.0390



F. 3D Image



MEASUREMENT 72

Type: Phone measurement (Complete)
Date of measurement: 2024-04-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.25; Calibrated: 2023-07-07

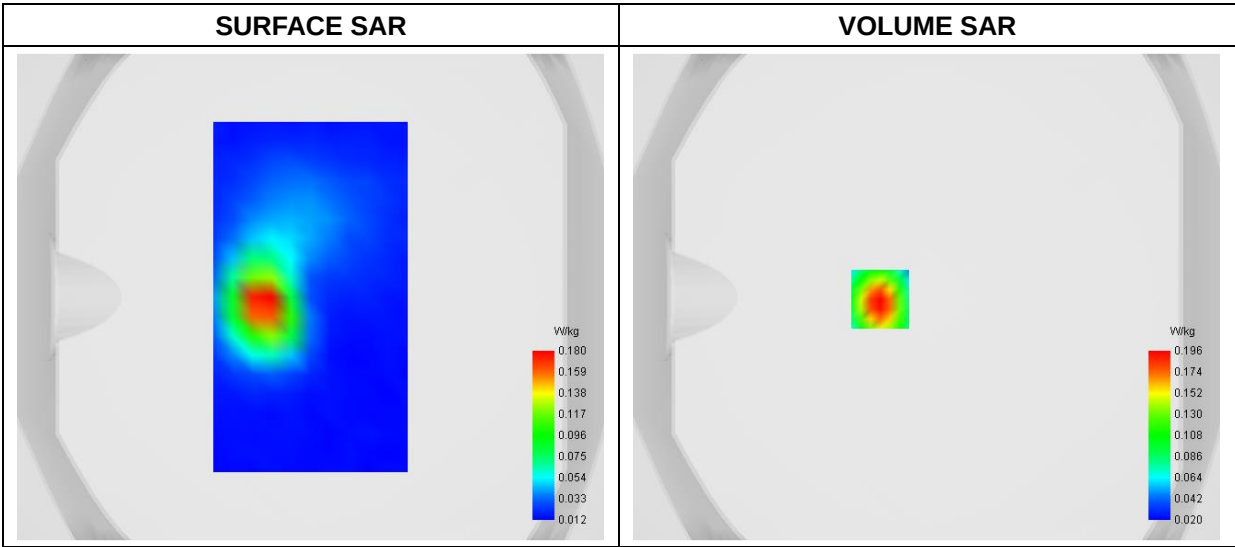
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.6GHz)_802.11a-ANT1
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5600.000000
Relative Permittivity (real part)	36.682185
Conductivity (S/m)	5.105239
Power Variation (%)	1.544800
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

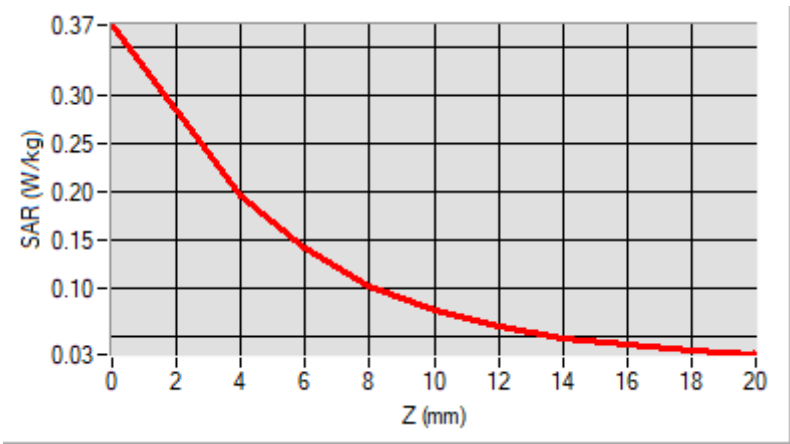


Maximum location: X=-19.00, Y=-1.00
D. SAR 1g & 10g

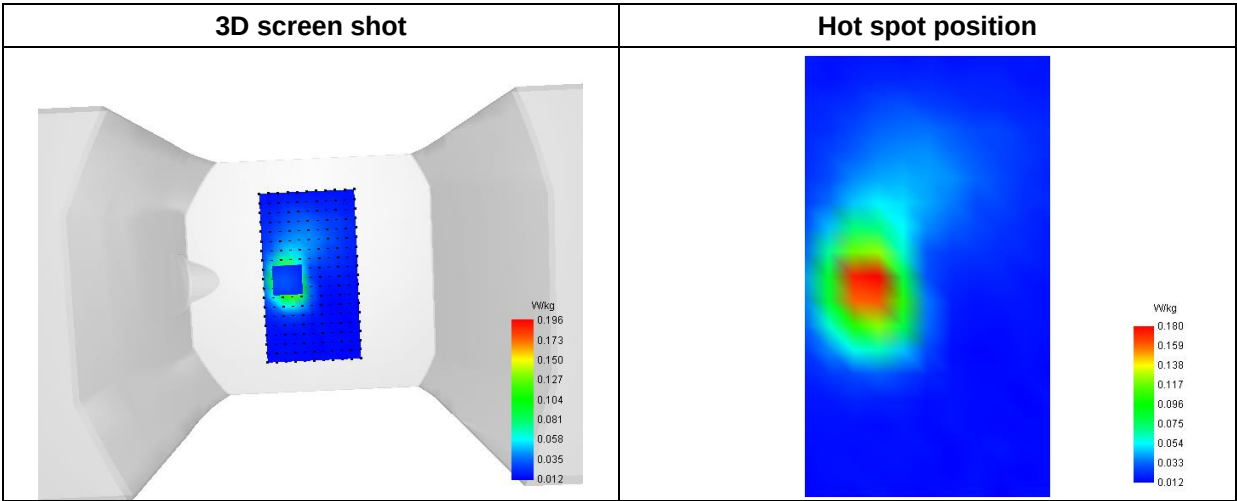
SAR 10g (W/Kg)	0.086998
SAR 1g (W/Kg)	0.180489

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)	0.3739	0.1957	0.1415	0.1034	0.0779	0.0609	0.0496	0.0419	0.0363



F. 3D Image



MEASUREMENT 73

Type: Phone measurement (Complete)
Date of measurement: 2024-04-15
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.15; Calibrated: 2023-07-07

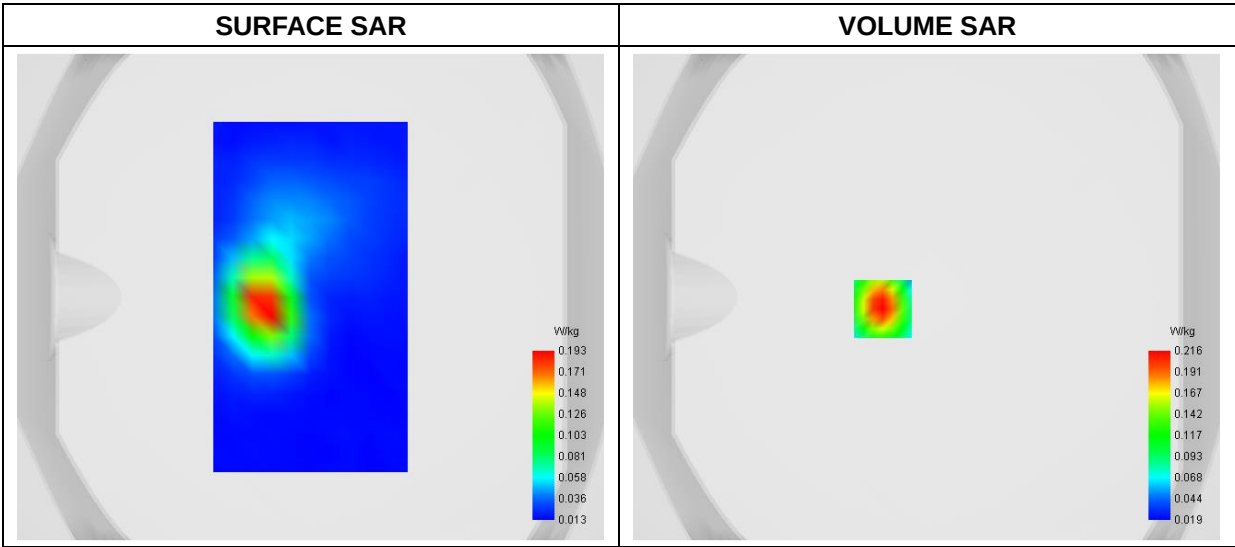
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(5.8GHz)_802.11a-ANT1
Channels	High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	5825.000000
Relative Permittivity (real part)	36.271841
Conductivity (S/m)	5.180854
Power Variation (%)	1.285800
Ambient Temperature	22.8
Liquid Temperature	22.8

C. SAR Surface and Volume

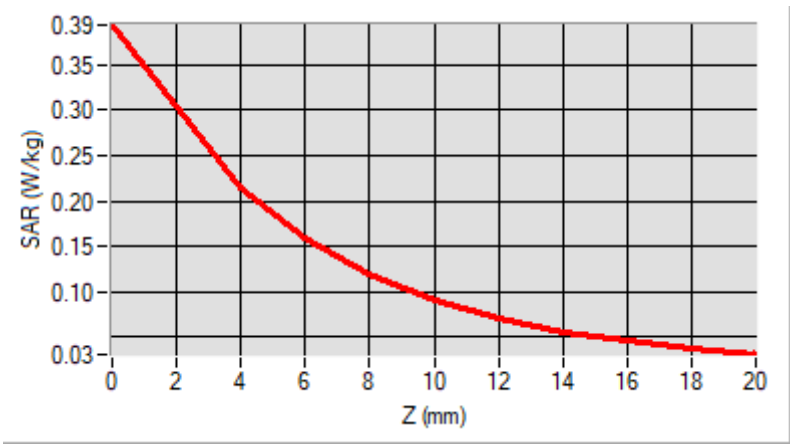


Maximum location: X=-18.00, Y=-5.00
D. SAR 1g & 10g

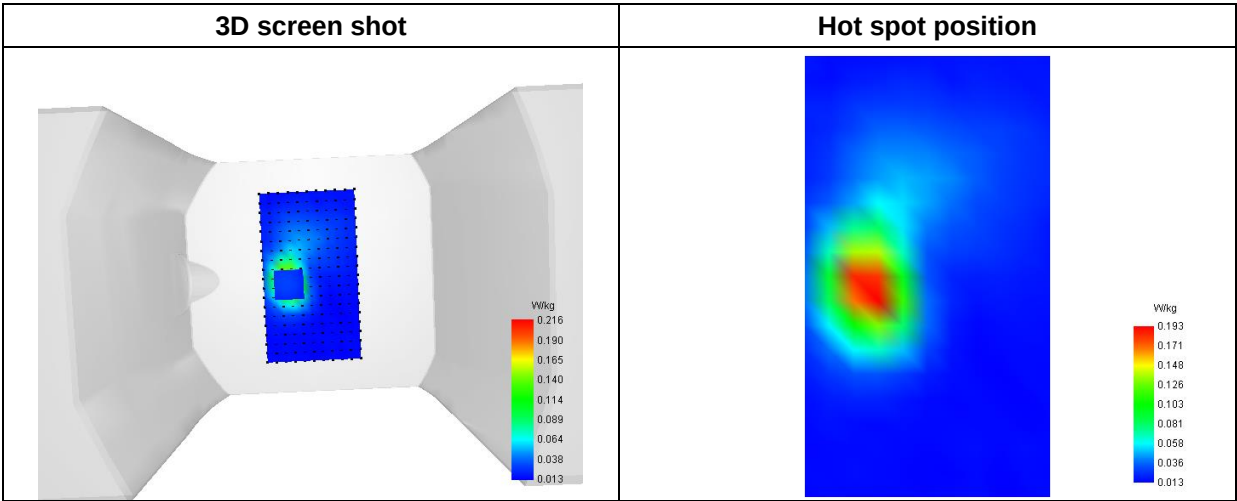
SAR 10g (W/Kg)	0.094269
SAR 1g (W/Kg)	0.198053

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)	0.3940	0.2156	0.1594	0.1186	0.0900	0.0700	0.0559	0.0455	0.0376



F. 3D Image



MEASUREMENT 74

Type: Phone measurement (Complete)
Date of measurement: 2024-04-12
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2023-07-07

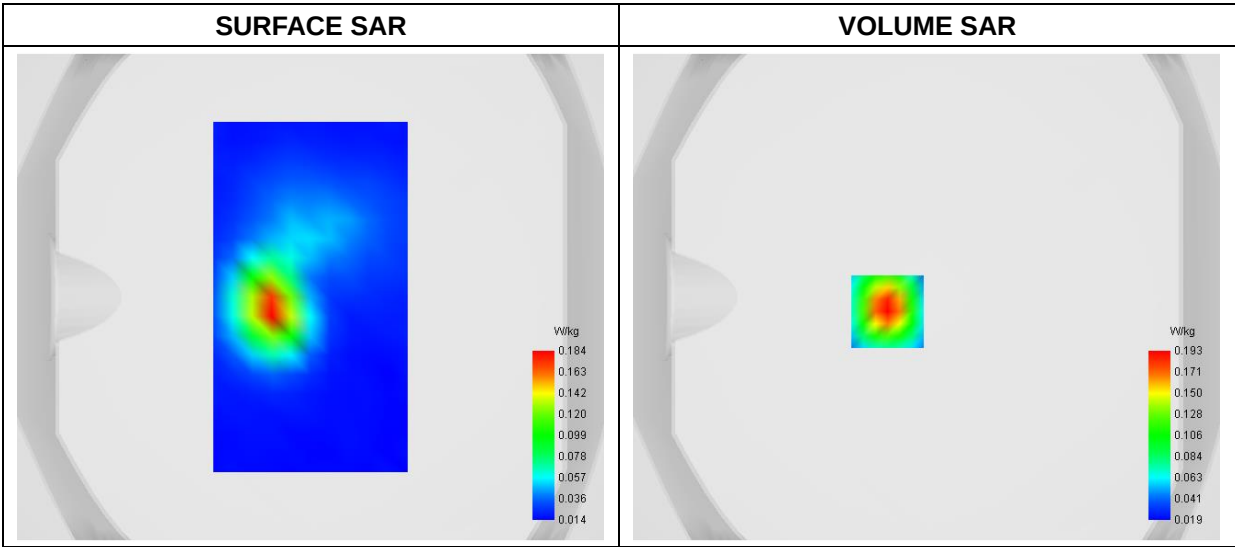
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=4mm dy=4mm dz=2mm
Phantom	Flat Plane
Device Position	Back
Band	WiFi(2.4GHz)_802.11b-ANT1
Channels	Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	2412.000000
Relative Permittivity (real part)	39.12324
Conductivity (S/m)	1.764932
Power Variation (%)	3.218700
Ambient Temperature	22.5
Liquid Temperature	22.5

C. SAR Surface and Volume

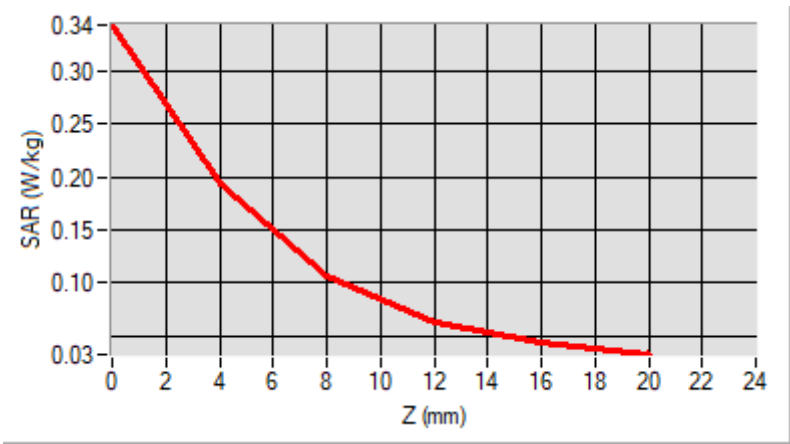


Maximum location: X=-16.00, Y=-6.00
D. SAR 1g & 10g

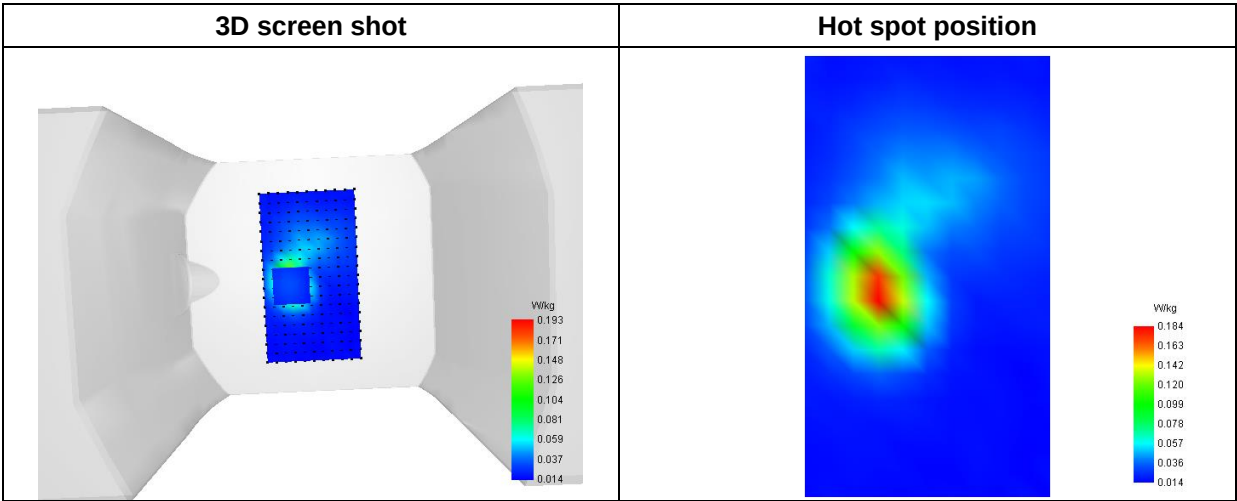
SAR 10g (W/Kg)	0.088149
SAR 1g (W/Kg)	0.176221

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.3438	0.1930	0.1074	0.0638	0.0435



F. 3D Image



Annex C. EUT Photos

EUT View 1

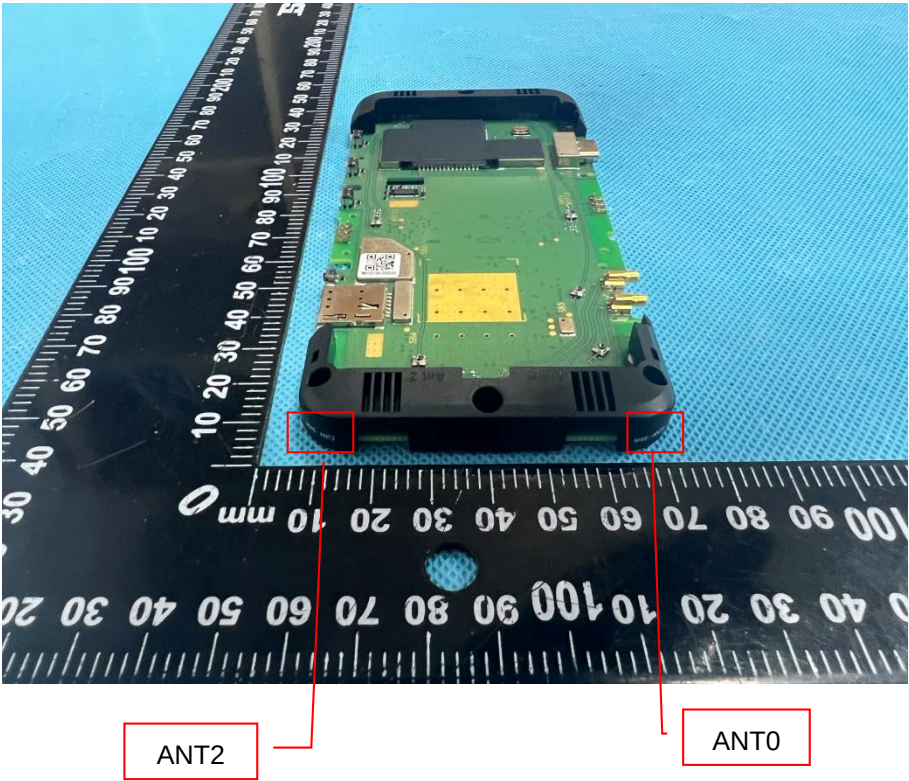


EUT View 2



Antenna View



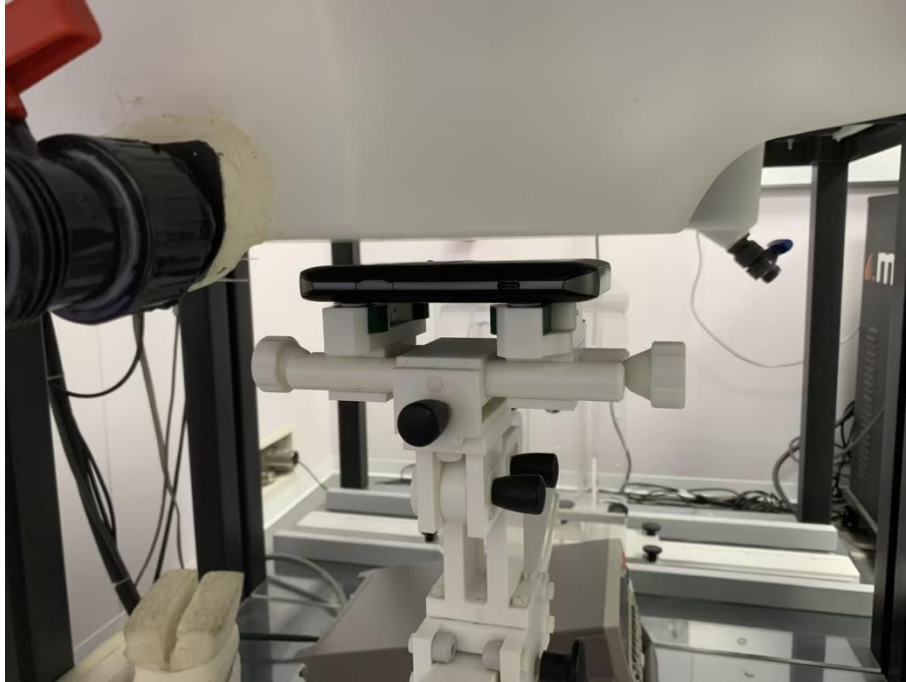


Annex D. Test Setup Photos

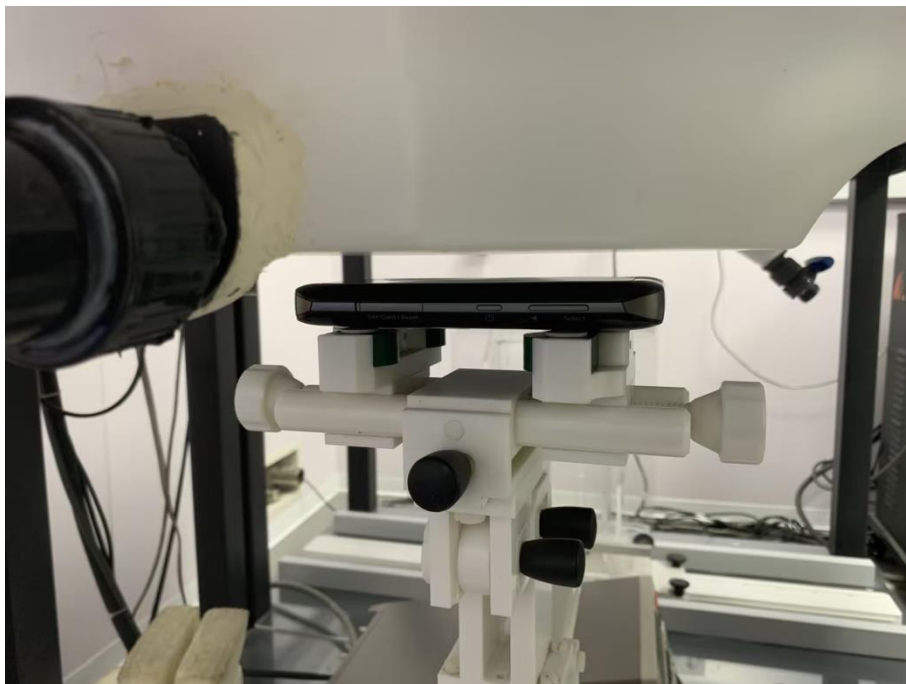
Body SAR mode Exposure Conditions

Test distance: 10mm

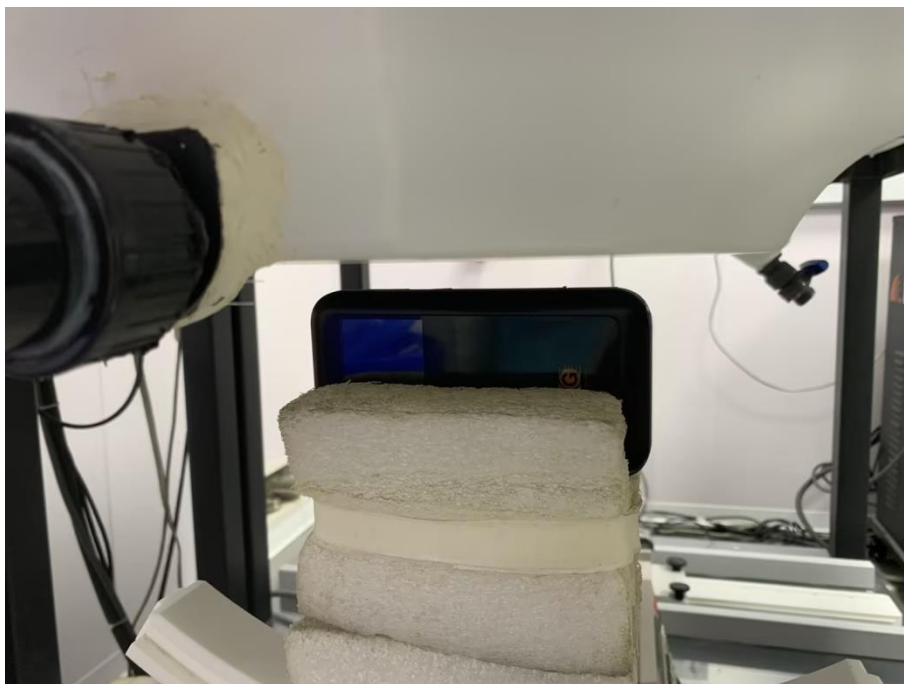
Body Front



Body Back



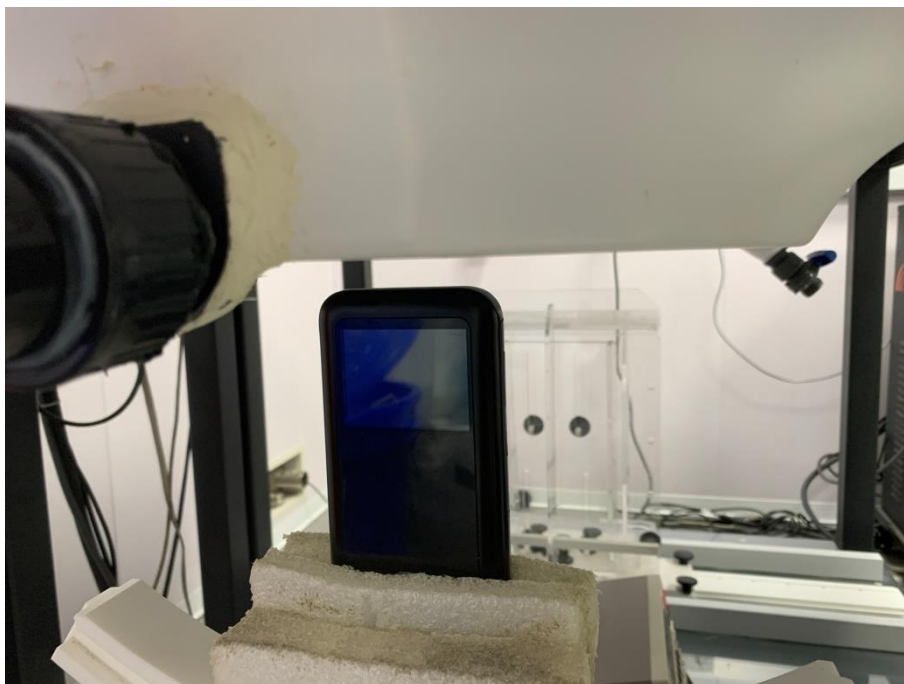
Body Right



Body Left



Body Top



Body Bottom

