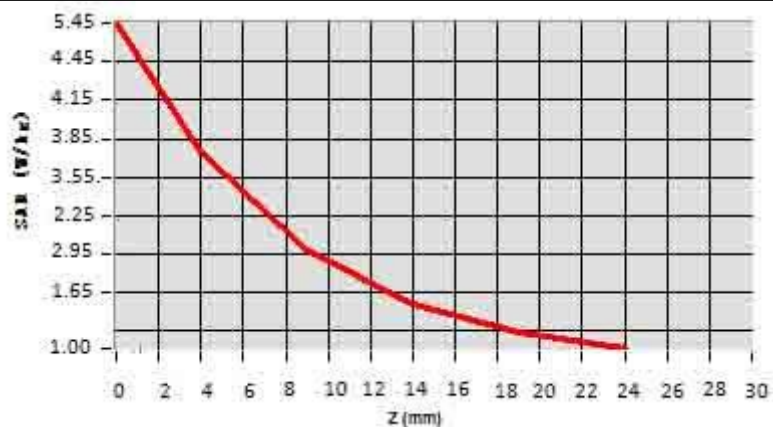


Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.4532	2.7154	1.9525	1.5694	0.9014



Hot spot position



Date of measurement: 09/29/2022 Test mode: 5800MHz (Body)

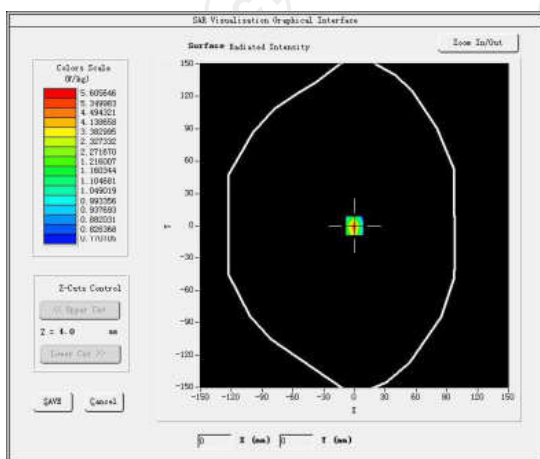
Product Description: Validation

Dipole Model: SID5000

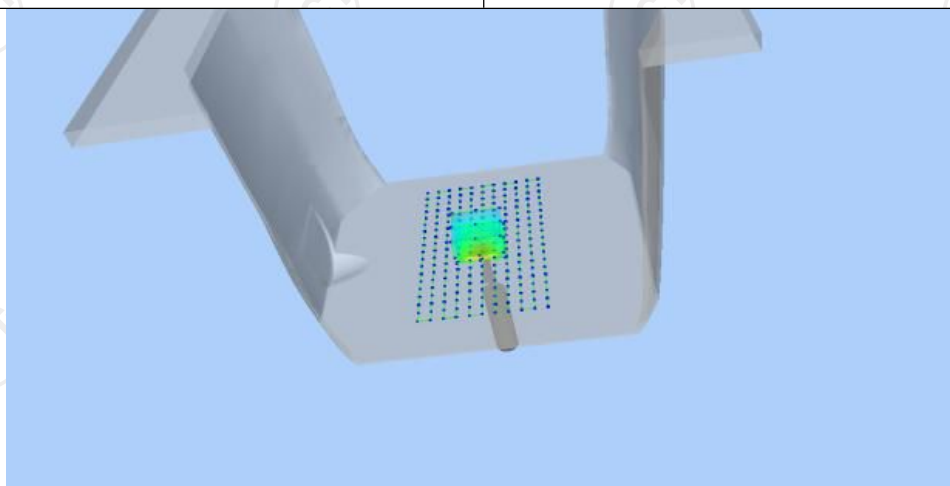
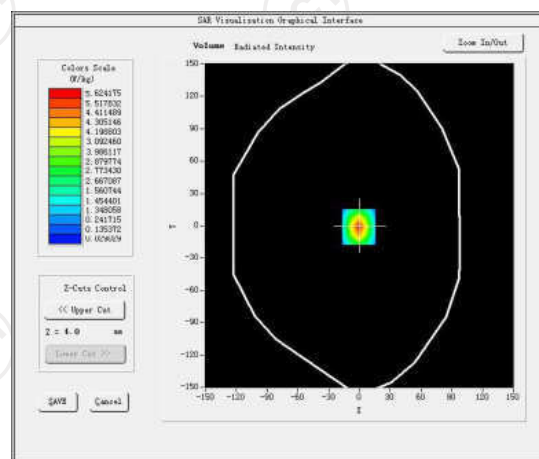
E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.13
Frequency (MHz)	5800.000000
Relative permittivity (real part)	47.593887
Relative permittivity (imaginary part)	14.935214
Conductivity (S/m)	5.954821
Variation (%)	-1.420000
SAR 10g (W/Kg)	6.150177
SAR 1g (W/Kg)	18.124098

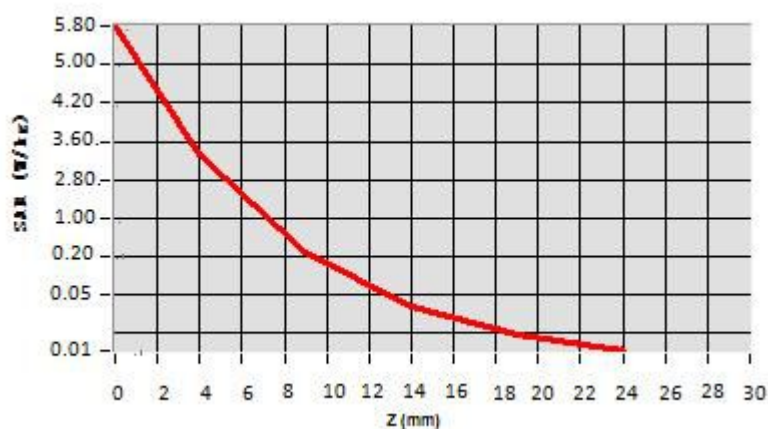
SURFACE SAR



VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.7721	3.2210	0.1937	0.0321	0.0203



Hot spot position



12. SAR Test Data

WCDMA Band II-Body

SAR Measurement at Band 2 (1900) (Body, Validation Plane)

Date of measurement: 27/9/2022

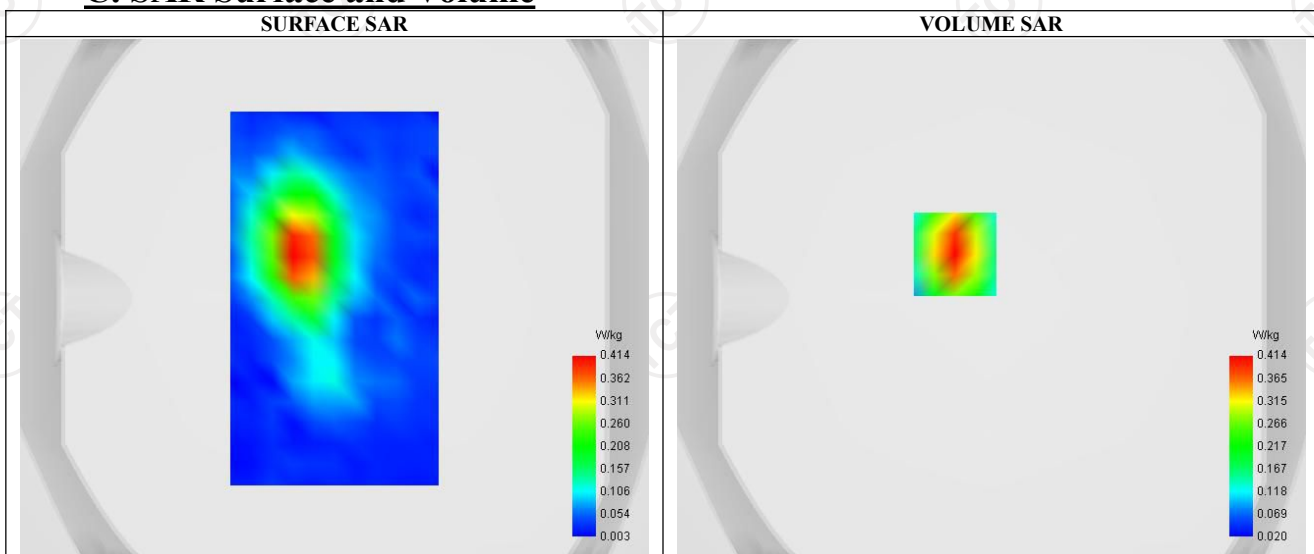
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.32
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Channels	Higher (9538)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1907.600
Relative permittivity (real part)	53.241
Relative permittivity (imaginary part)	14.329
Conductivity (S/m)	1.570

C. SAR Surface and Volume

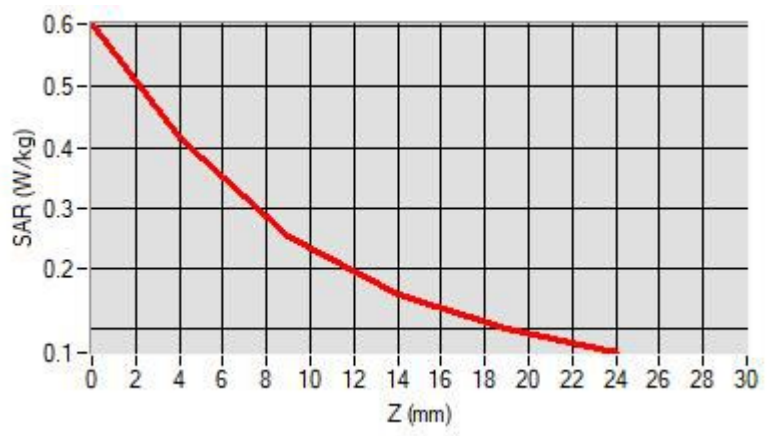


D. SAR 1g & 10g

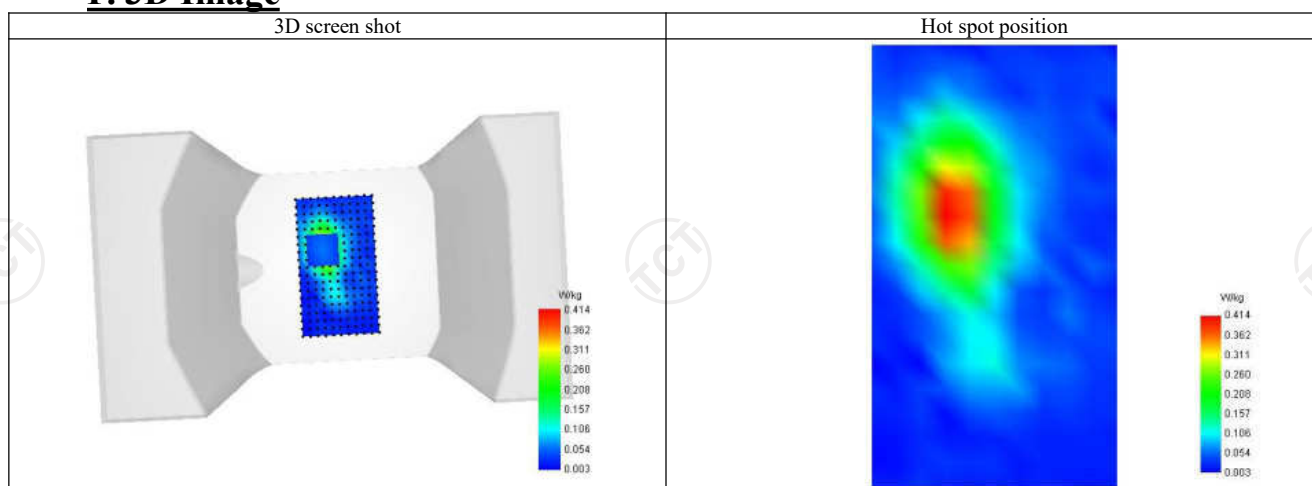
SAR 10g (W/Kg)	0.211
SAR 1g (W/Kg)	0.378
Variation (%)	1.195
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.604	0.414	0.254	0.157	0.099



F. 3D Image



WCDMA Band II-Front-of-face

SAR Measurement at Band 2 (1900) (Body, Validation Plane)

Date of measurement: 27/9/2022

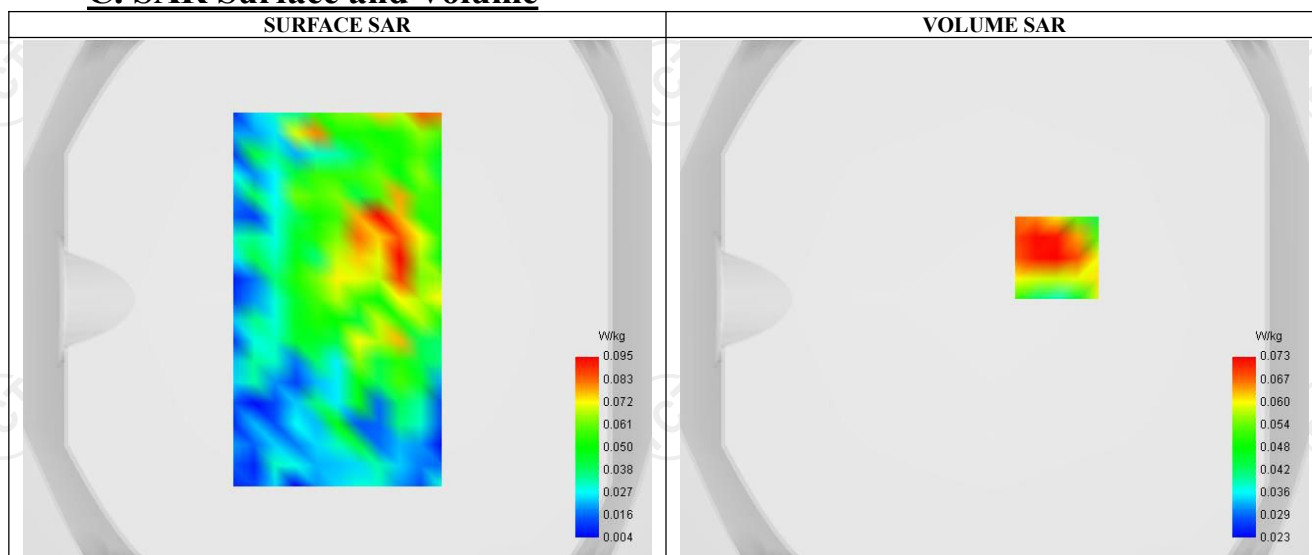
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.32
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Channels	Higher (9538)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1907.600
Relative permittivity (real part)	53.241
Relative permittivity (imaginary part)	14.329
Conductivity (S/m)	1.570

C. SAR Surface and Volume

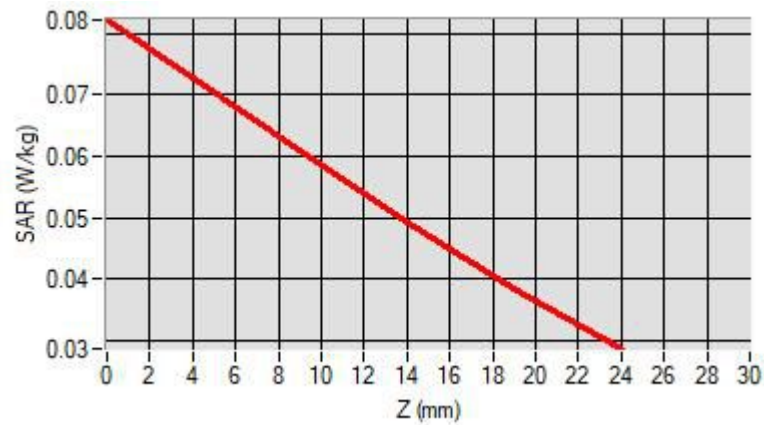


D. SAR 1g & 10g

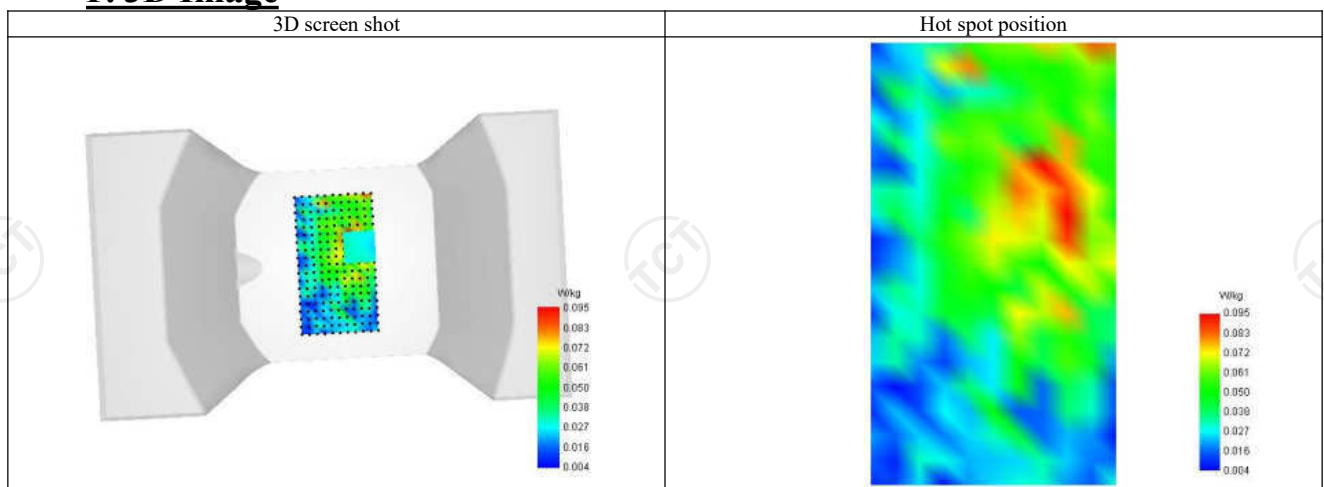
SAR 10g (W/Kg)	0.051
SAR 1g (W/Kg)	0.067
Variation (%)	1.999
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.082	0.073	0.061	0.049	0.038



F. 3D Image



WCDMA Band IV-Body

SAR Measurement at Band 4 (1700) (Body, Validation Plane)

Date of measurement: 27/9/2022

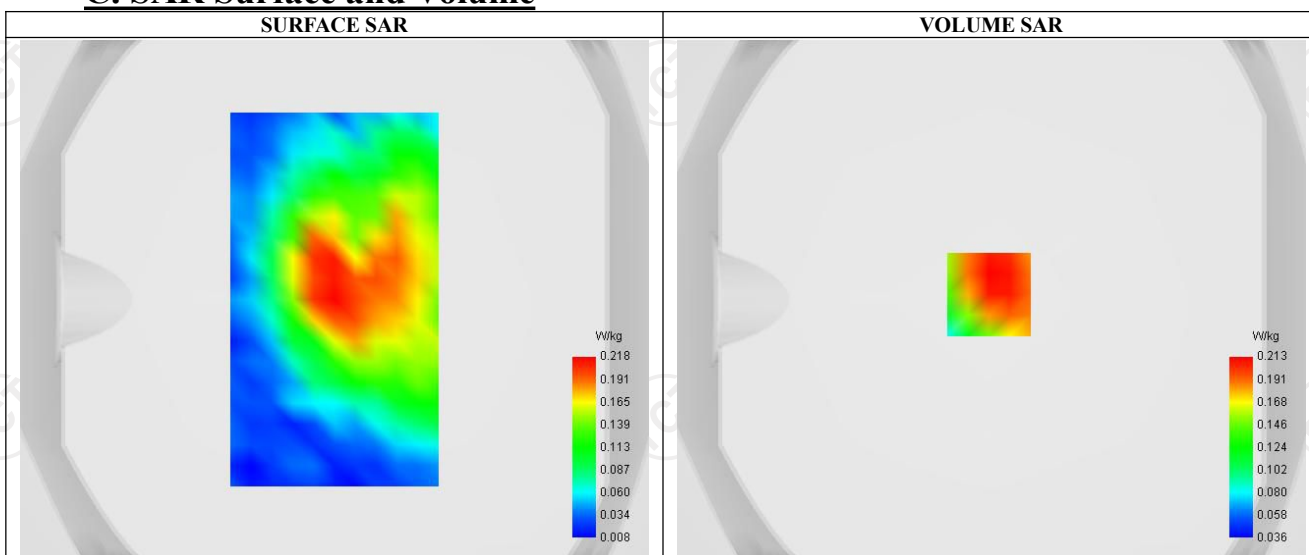
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Channels	Lower (1312)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1712.400
Relative permittivity (real part)	54.650
Relative permittivity (imaginary part)	14.781
Conductivity (S/m)	1.491

C. SAR Surface and Volume



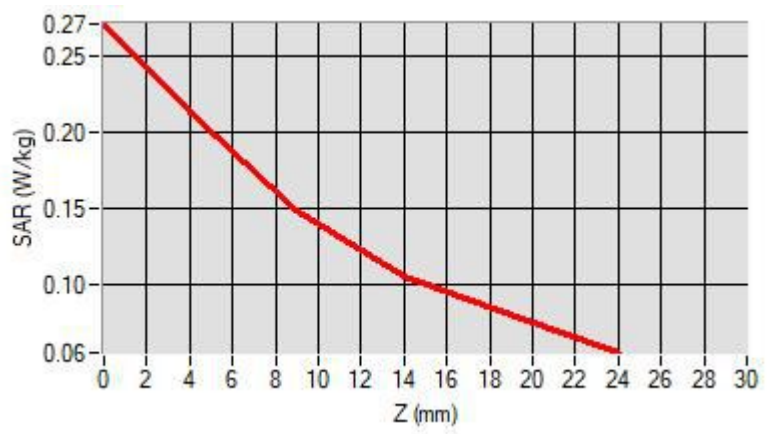
Maximum location: X=-1.00, Y=2.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

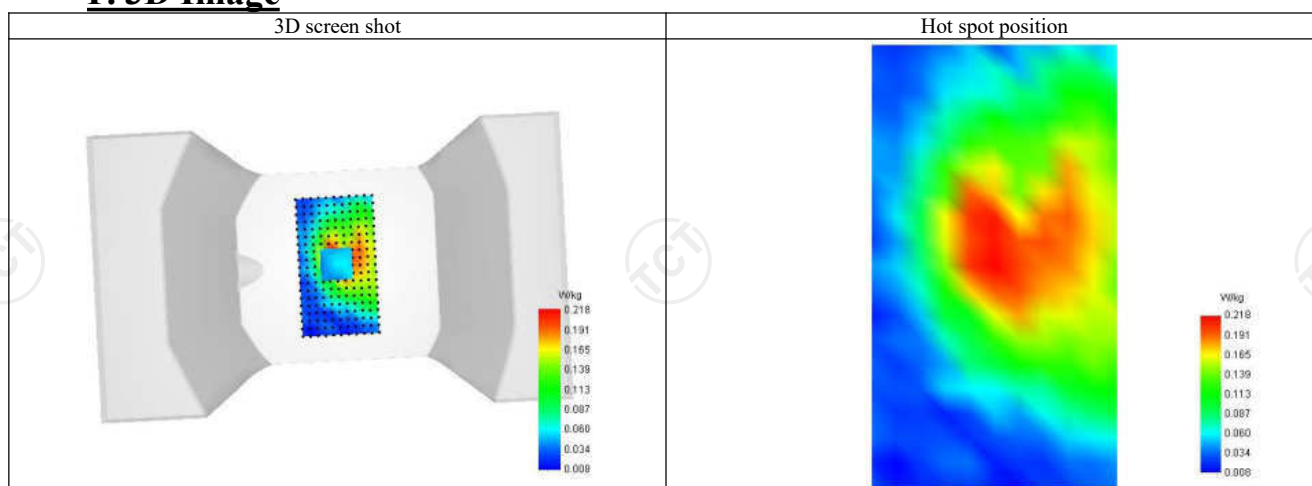
SAR 10g (W/Kg)	0.179
SAR 1g (W/Kg)	0.250
Variation (%)	-1.110
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.271	0.213	0.148	0.105	0.080



F. 3D Image



WCDMA Band IV-Front-of-face

SAR Measurement at Band 4 (1700) (Body, Validation Plane)

Date of measurement: 27/9/2022

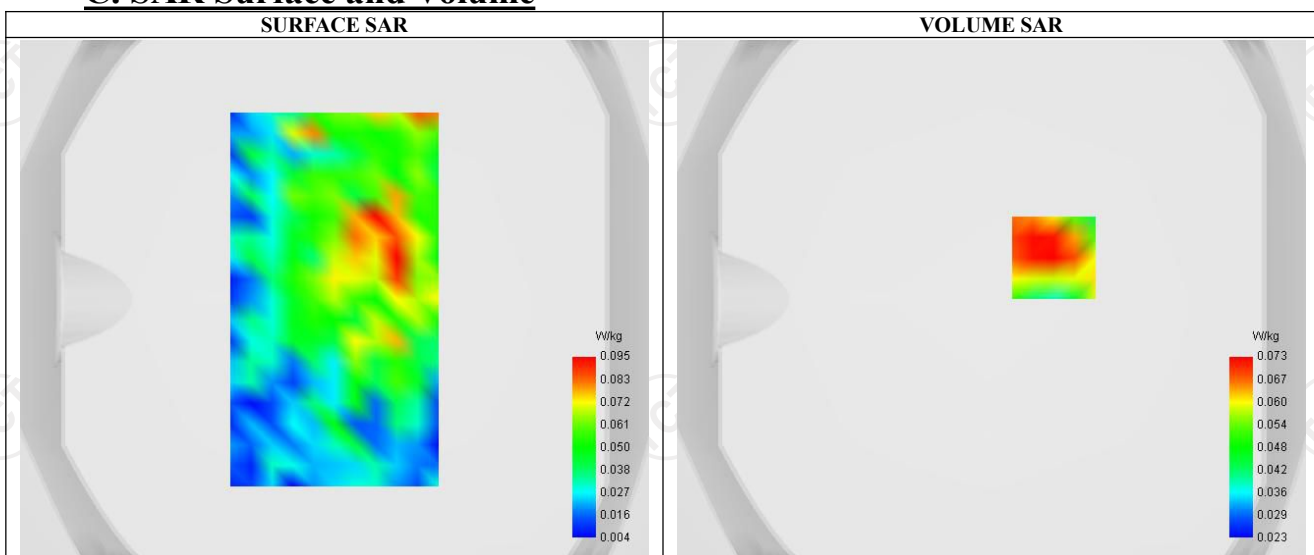
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Channels	Lower (1312)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1712.400
Relative permittivity (real part)	54.650
Relative permittivity (imaginary part)	14.781
Conductivity (S/m)	1.491

C. SAR Surface and Volume

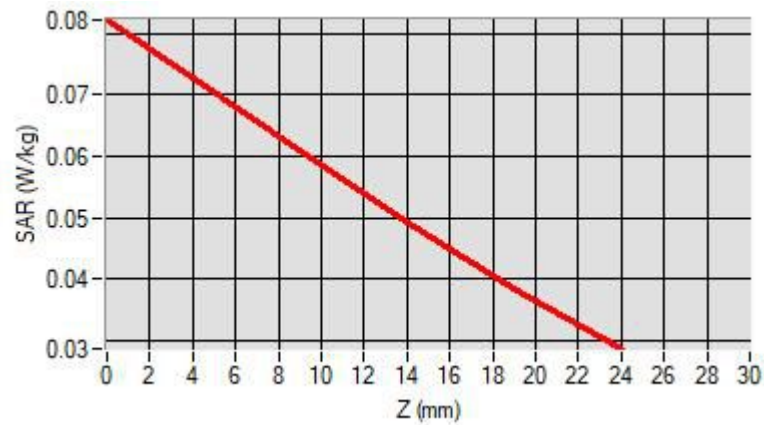


D. SAR 1g & 10g

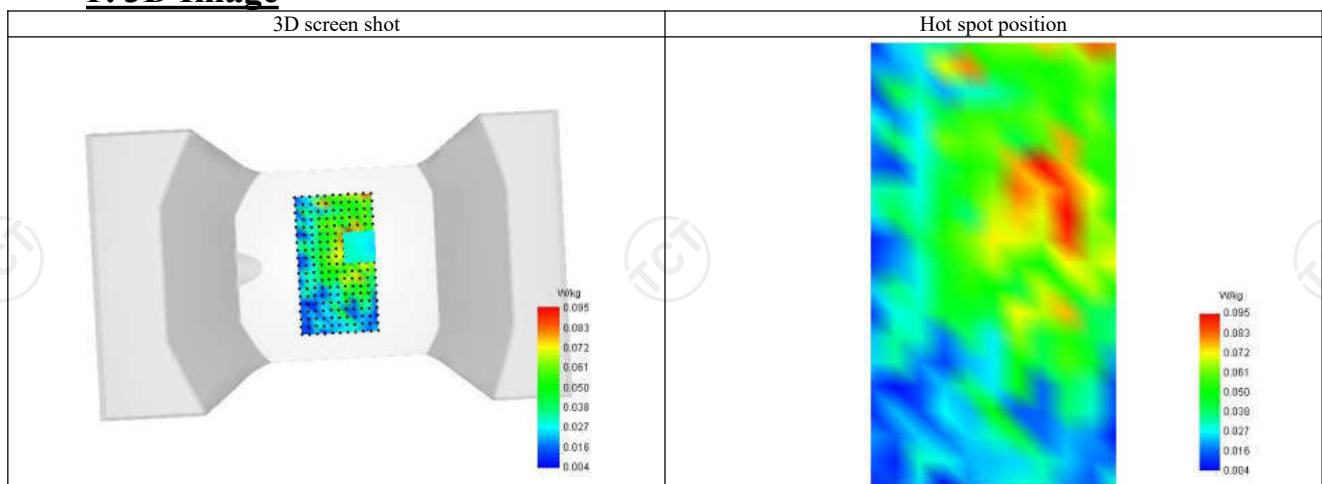
SAR 10g (W/Kg)	0.044
SAR 1g (W/Kg)	0.060
Variation (%)	1.017
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.082	0.073	0.061	0.049	0.038



F. 3D Image



WCDMA Band V-Body

SAR Measurement at Band 5 (850) (Body, Validation Plane)

Date of measurement: 26/9/2022

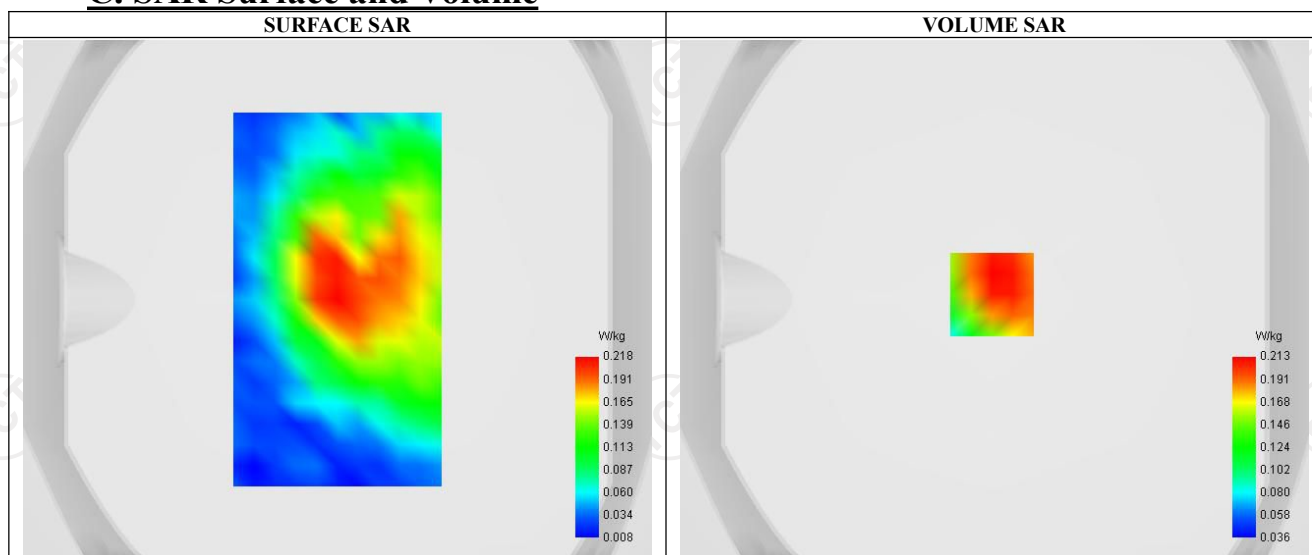
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPGO346)
ConvF	1.86
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Channels	Middle (4183)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	836.600
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume



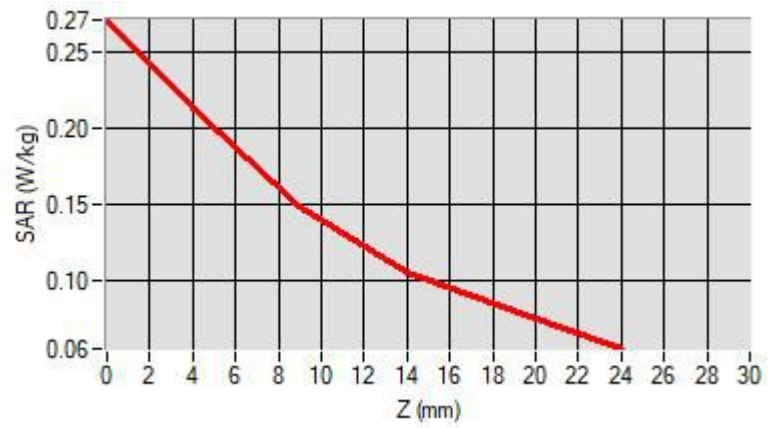
Maximum location: X=-1.00, Y=2.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

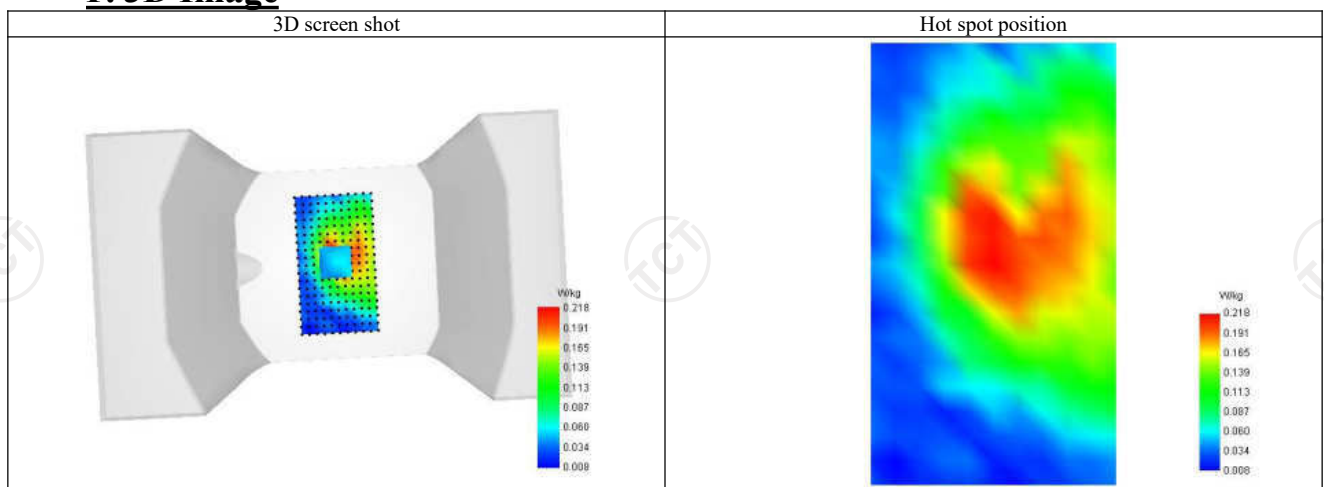
SAR 10g (W/Kg)	0.139
SAR 1g (W/Kg)	0.205
Variation (%)	1.514
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.271	0.213	0.148	0.105	0.080



F. 3D Image



WCDMA Band V-Front-of-face

SAR Measurement at Band 5 (850) (Body, Validation Plane)

Date of measurement: 26/9/2022

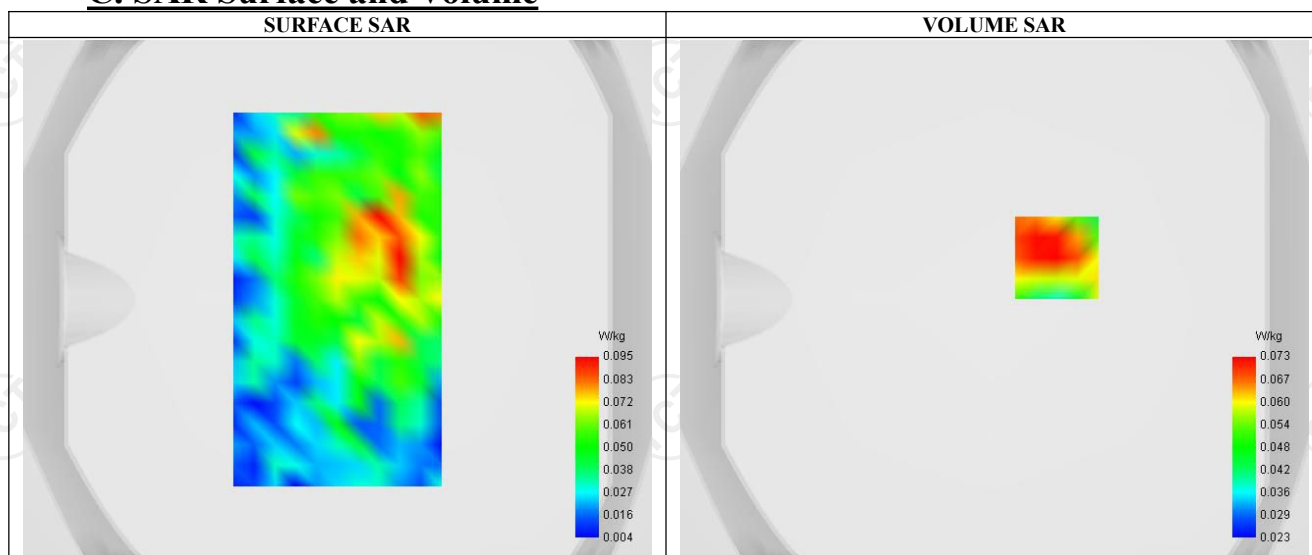
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.86
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Channels	Middle (4183)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	836.600
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume

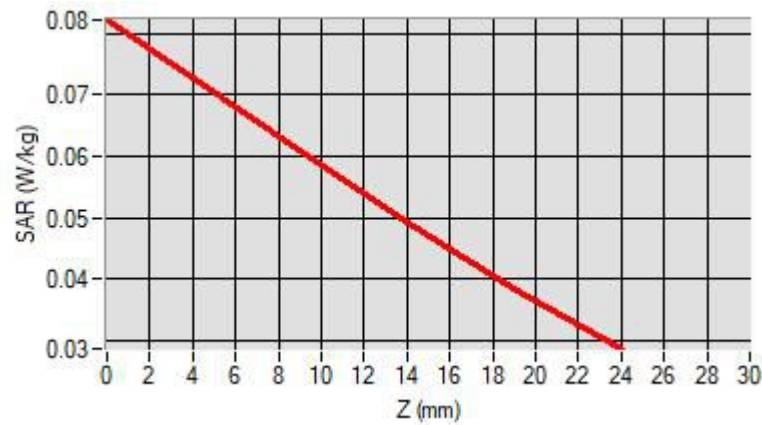


D. SAR 1g & 10g

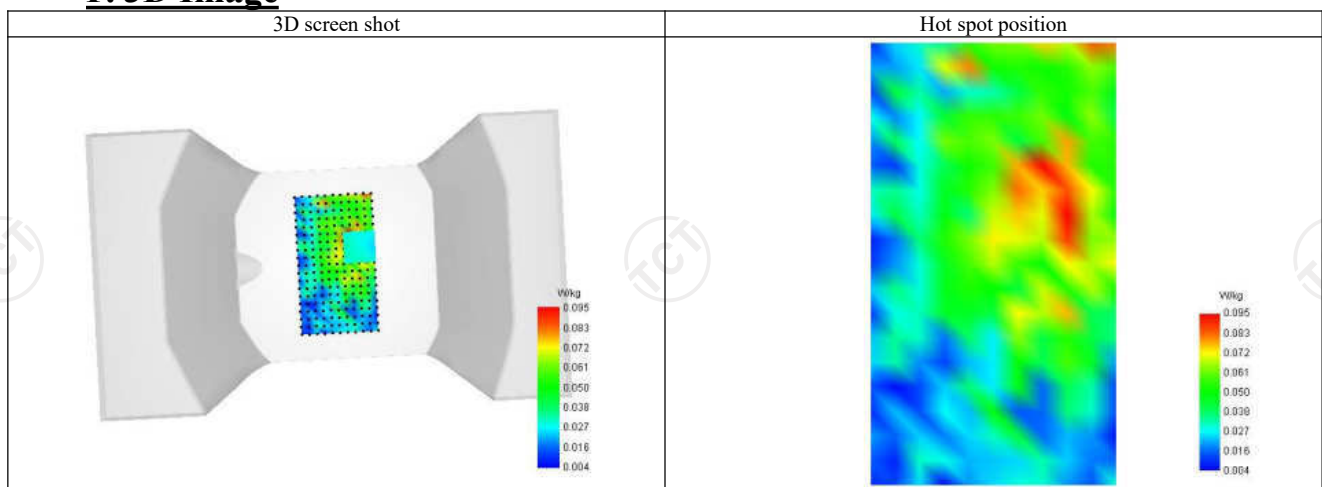
SAR 10g (W/Kg)	0.064
SAR 1g (W/Kg)	0.079
Variation (%)	-0.129
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.082	0.073	0.061	0.049	0.038



F. 3D Image



LTE Band 2-Body

SAR Measurement at LTE band 2 (Body, Validation Plane)

Date of measurement: 27/9/2022

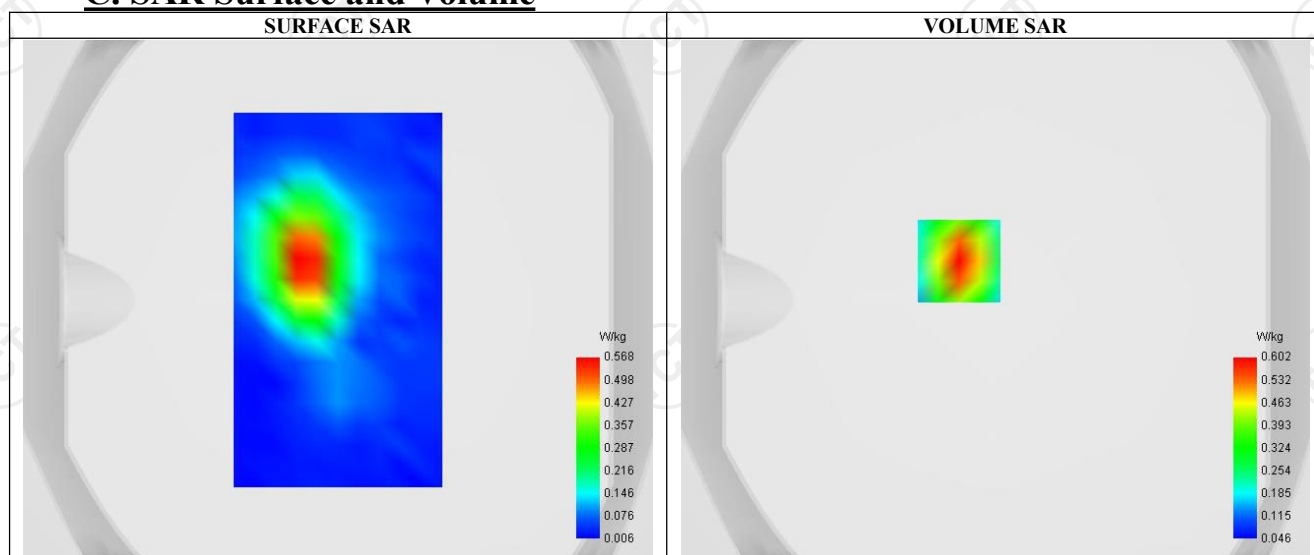
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.32
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Middle (18900)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1880.000
Relative permittivity (real part)	53.250
Relative permittivity (imaginary part)	14.791
Conductivity (S/m)	1.561

C. SAR Surface and Volume



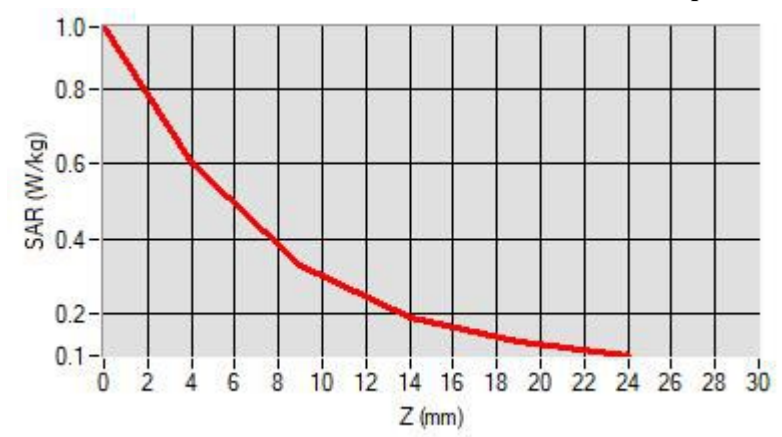
Maximum location: X=-14.00, Y=15.00 ; SAR Peak: 0.97 W/kg

D. SAR 1g & 10g

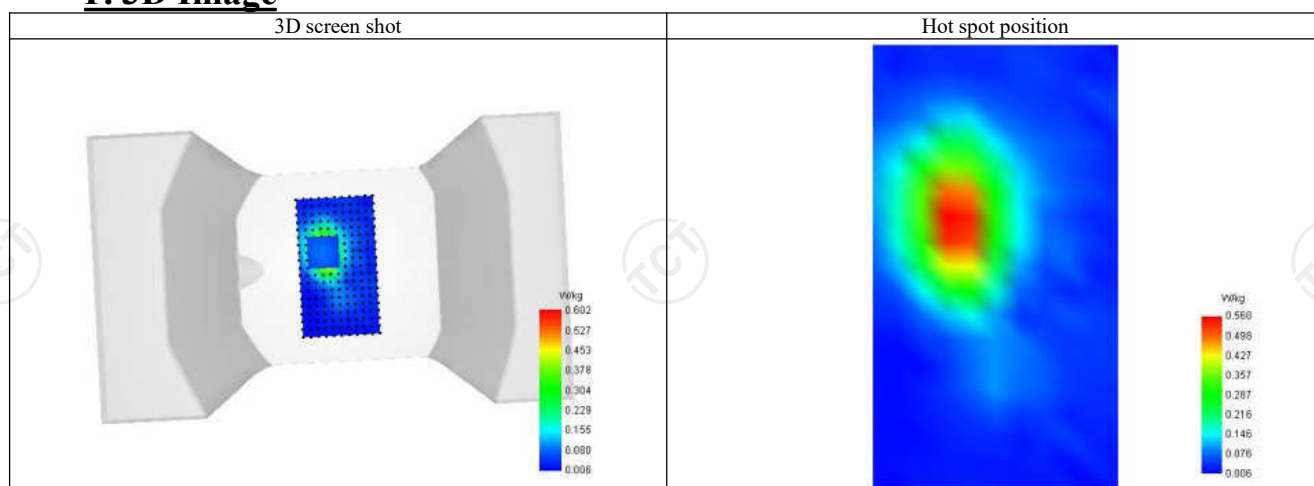
SAR 10g (W/Kg)	0.297
SAR 1g (W/Kg)	0.554
Variation (%)	-0.094
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.964	0.602	0.330	0.191	0.125



F. 3D Image



LTE Band 2-Front-of-face

SAR Measurement at LTE band 2 (Body, Validation Plane)

Date of measurement: 27/9/2022

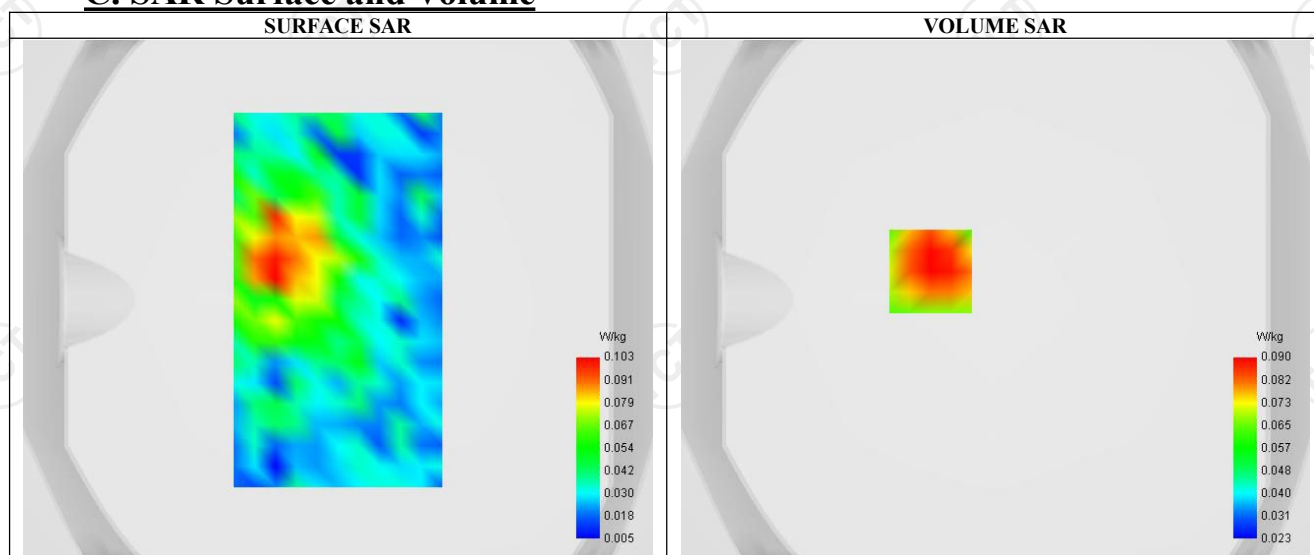
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.32
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Middle (18900)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1880.000
Relative permittivity (real part)	53.250
Relative permittivity (imaginary part)	14.791
Conductivity (S/m)	1.561

C. SAR Surface and Volume

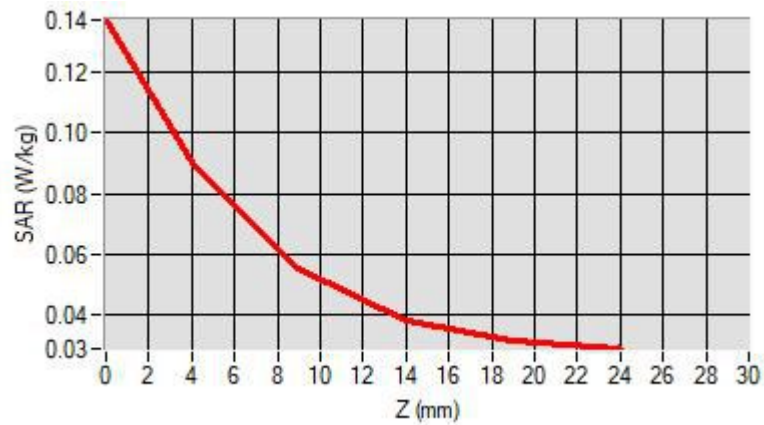


D. SAR 1g & 10g

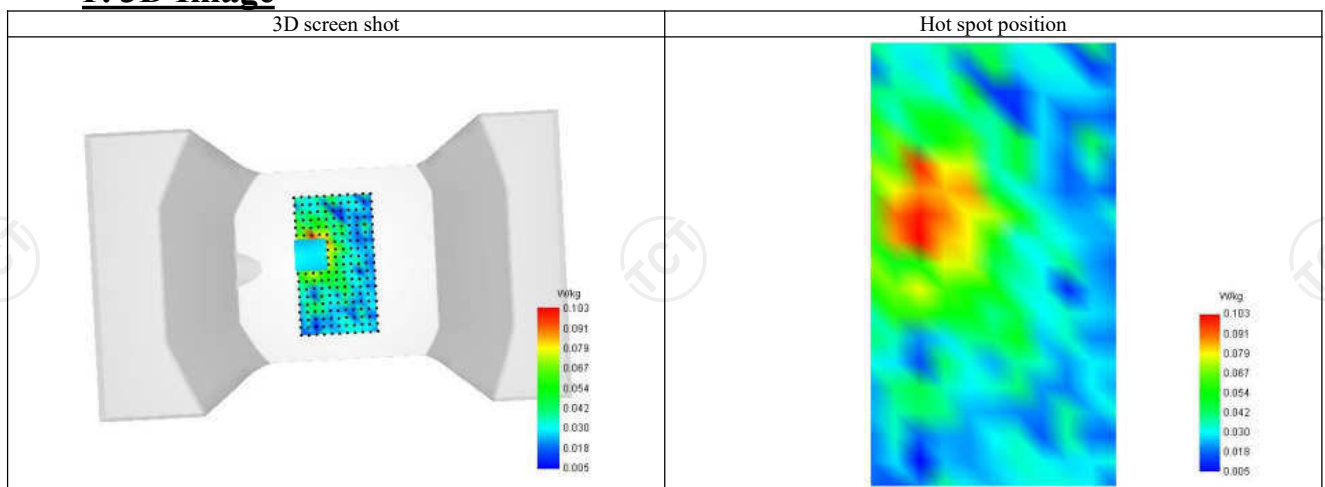
SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.083
Variation (%)	1.374
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.137	0.090	0.055	0.038	0.031



F. 3D Image



LTE Band 4-Body

SAR Measurement at LTE band 4 (Body, Validation Plane)

Date of measurement: 27/9/2022

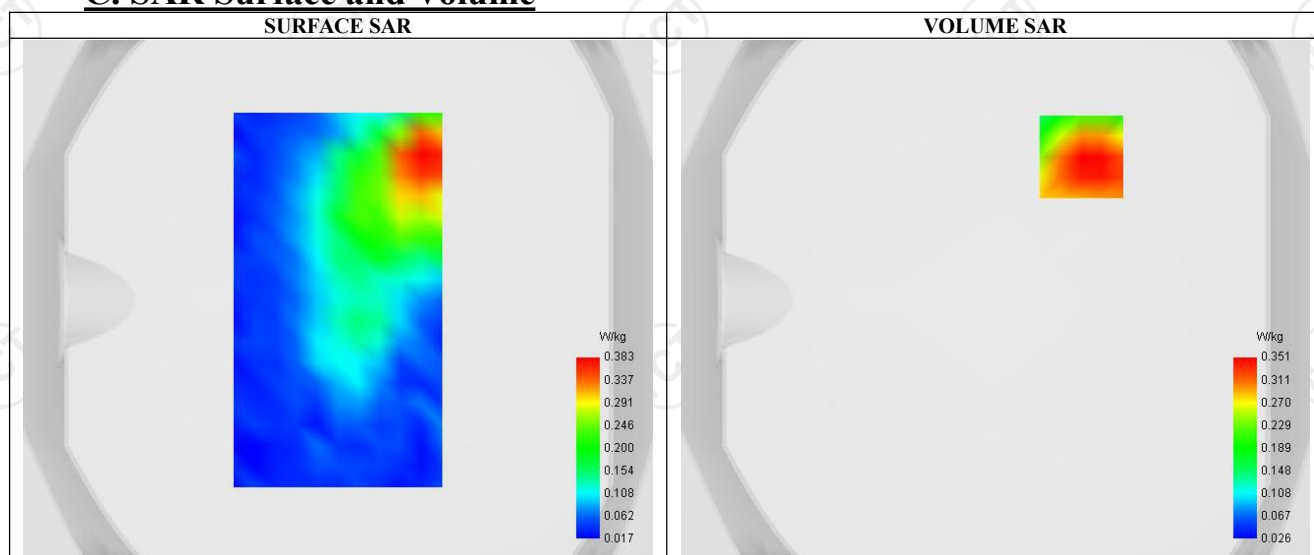
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Channels	Middle (20175)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1732.500
Relative permittivity (real part)	54.624
Relative permittivity (imaginary part)	15.411
Conductivity (S/m)	1.513

C. SAR Surface and Volume

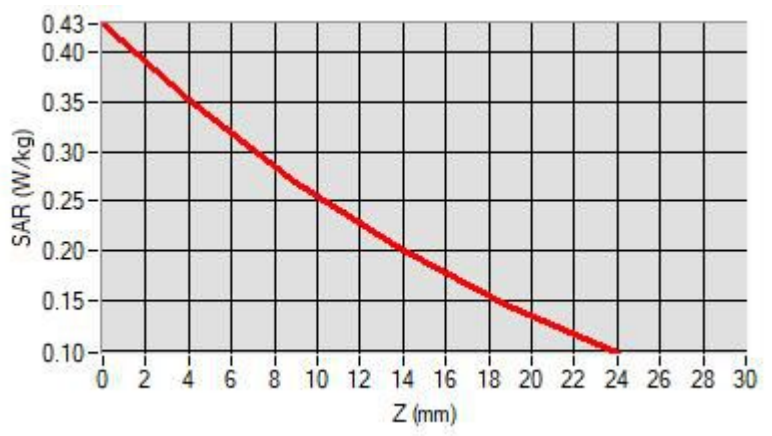


D. SAR 1g & 10g

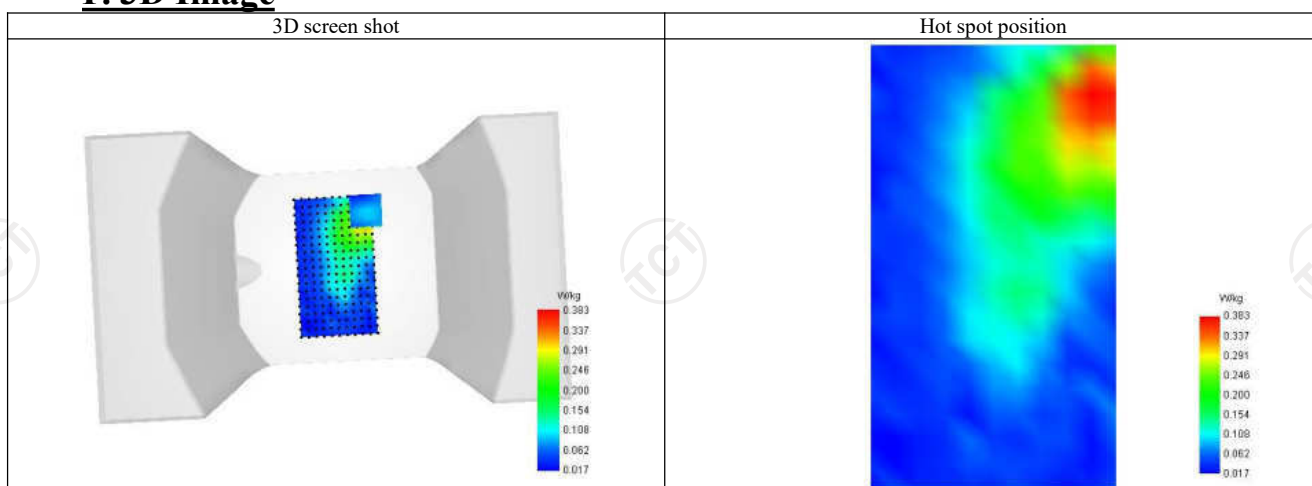
SAR 10g (W/Kg)	0.229
SAR 1g (W/Kg)	0.337
Variation (%)	-1.756
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.429	0.351	0.268	0.200	0.143



F. 3D Image



LTE Band 4-Front-of-face

SAR Measurement at LTE band 4 (Body, Validation Plane)

Date of measurement: 27/9/2022

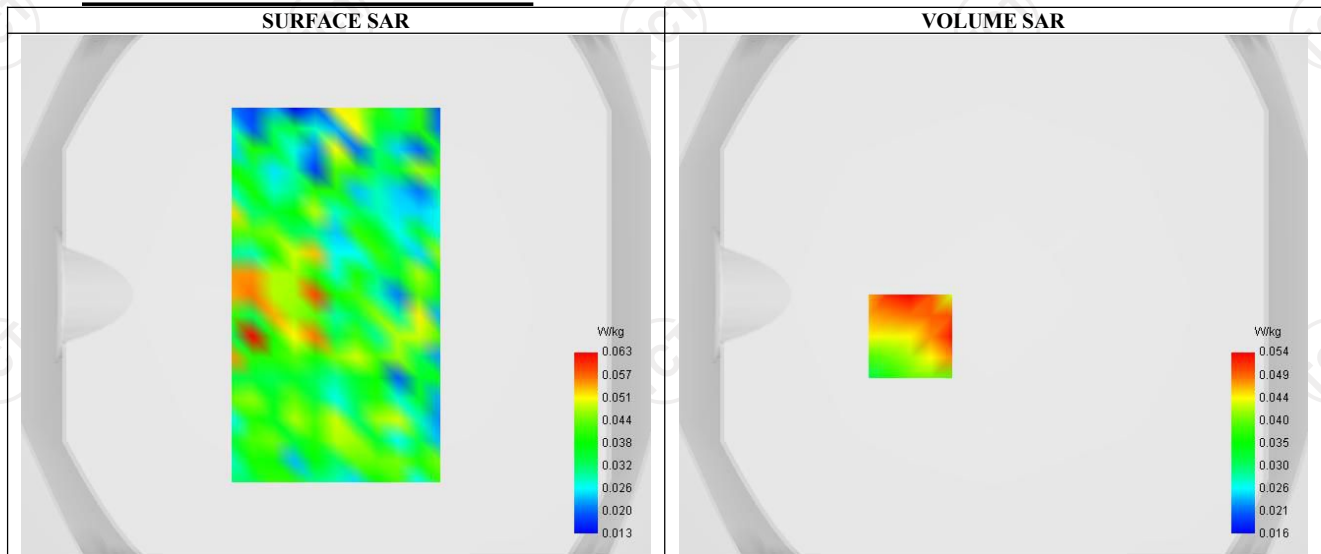
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Channels	Middle (20175)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1732.500
Relative permittivity (real part)	54.624
Relative permittivity (imaginary part)	15.411
Conductivity (S/m)	1.513

C. SAR Surface and Volume



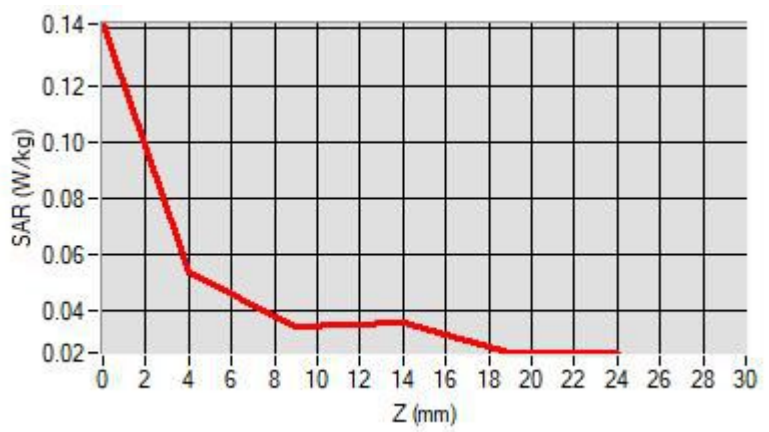
Maximum location: X=-32.00, Y=-16.00 ; SAR Peak: 0.07 W/kg

D. SAR 1g & 10g

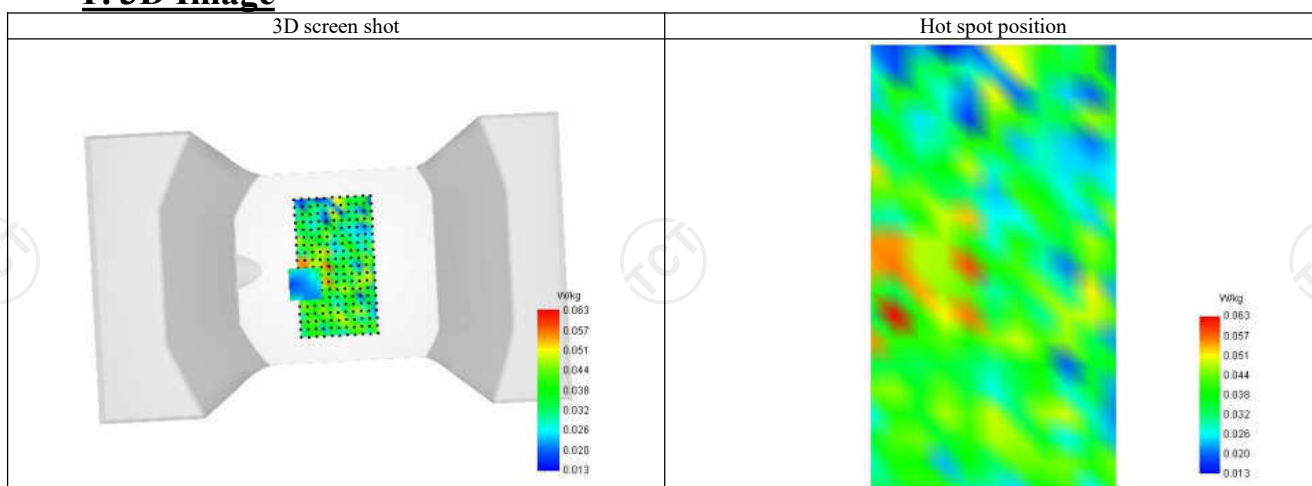
SAR 10g (W/Kg)	0.033
SAR 1g (W/Kg)	0.045
Variation (%)	-0.356
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.142	0.054	0.034	0.036	0.025



F. 3D Image



LTE Band 5-Body

SAR Measurement at LTE band 5 (Body, Validation Plane)

Date of measurement: 26/9/2022

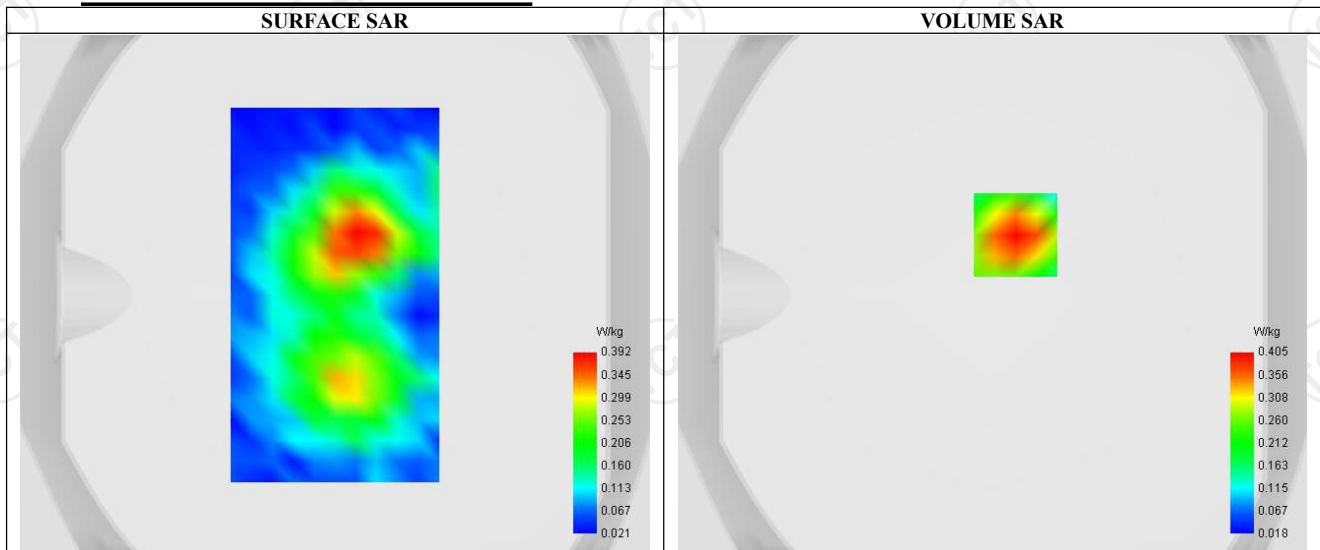
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.86
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels	Higher (20600)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	844.000
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume



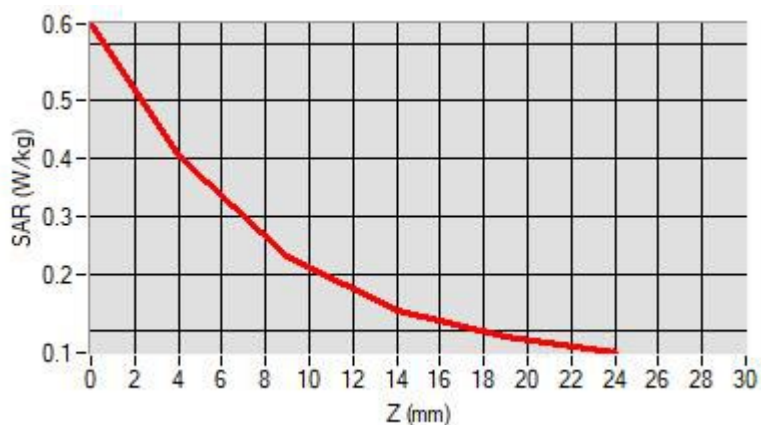
Maximum location: X=9.00, Y=23.00 ; SAR Peak: 0.63 W/kg

D. SAR 1g & 10g

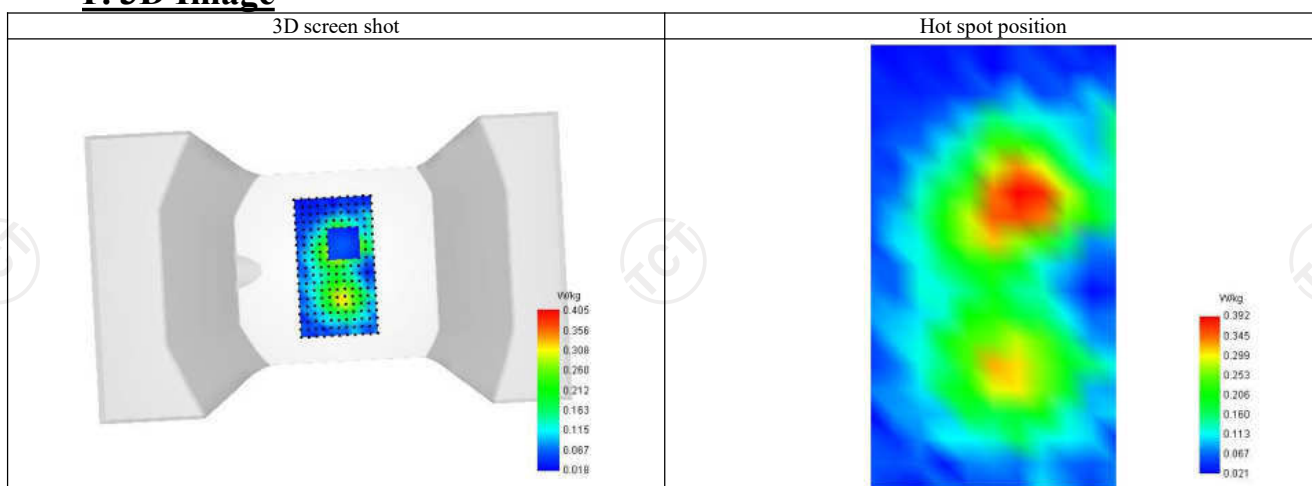
SAR 10g (W/Kg)	0.210
SAR 1g (W/Kg)	0.375
Variation (%)	0.584
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.634	0.405	0.229	0.136	0.090



F. 3D Image



LTE Band 5-Front-of-face

SAR Measurement at LTE band 5 (Body, Validation Plane)

Date of measurement: 26/9/2022

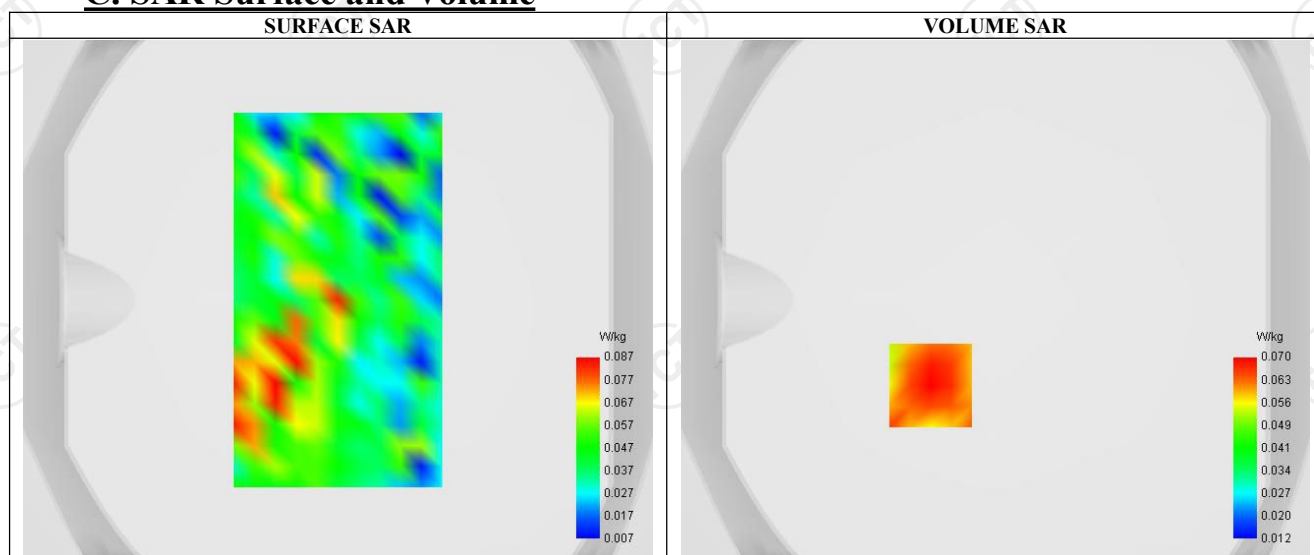
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.86
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels	Higher (20600)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	844.000
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume



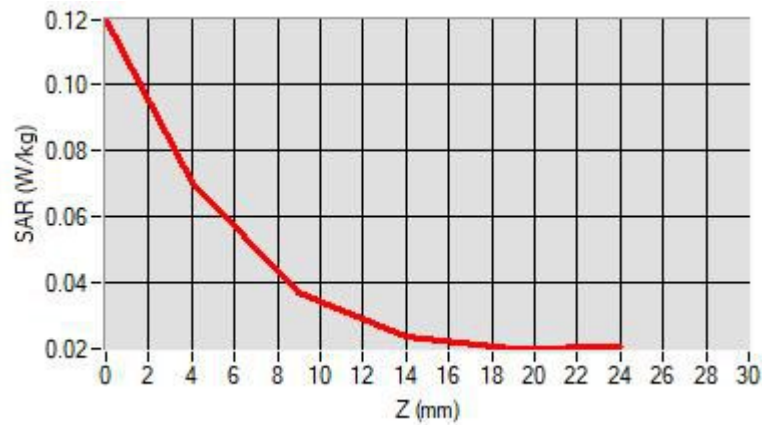
Maximum location: X=-25.00, Y=-33.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

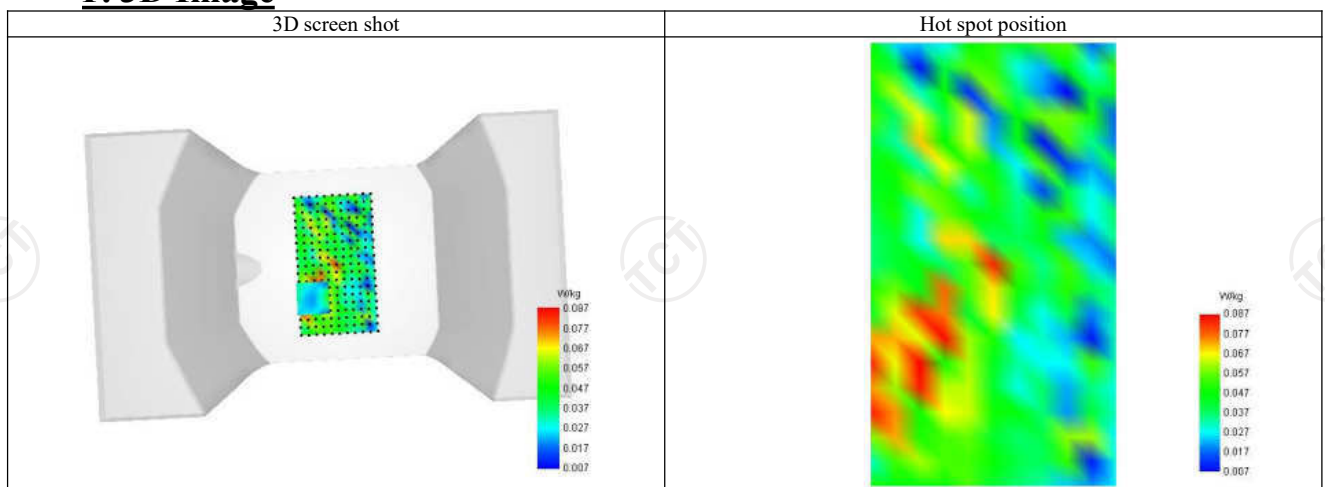
SAR 10g (W/Kg)	0.041
SAR 1g (W/Kg)	0.066
Variation (%)	4.494
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.119	0.070	0.037	0.023	0.020



F. 3D Image



LTE Band 7-Body

SAR Measurement at LTE band 7 (Body, Validation Plane)

Date of measurement: 28/9/2022

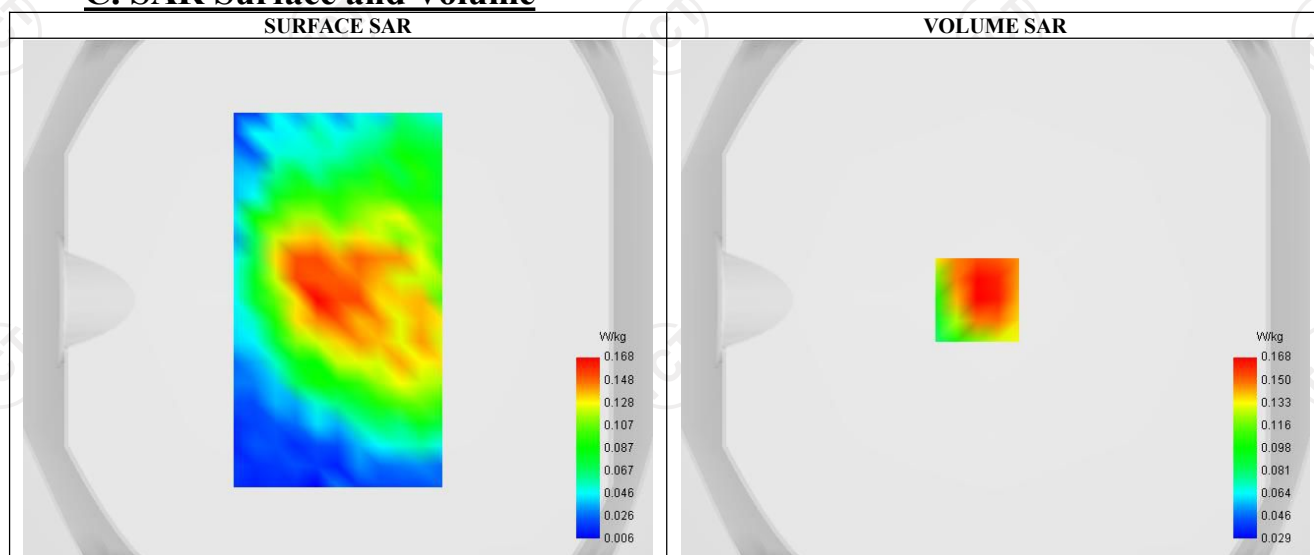
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.23
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels	Middle (21100)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	2535.000
Relative permittivity (real part)	55.192
Relative permittivity (imaginary part)	20.929
Conductivity (S/m)	2.113

C. SAR Surface and Volume

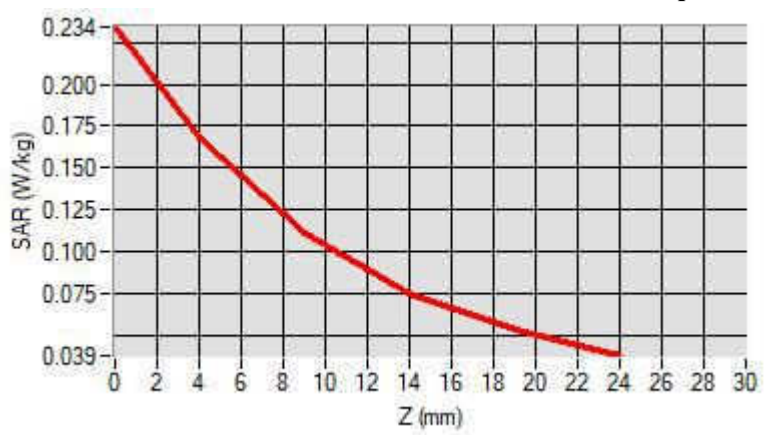


D. SAR 1g & 10g

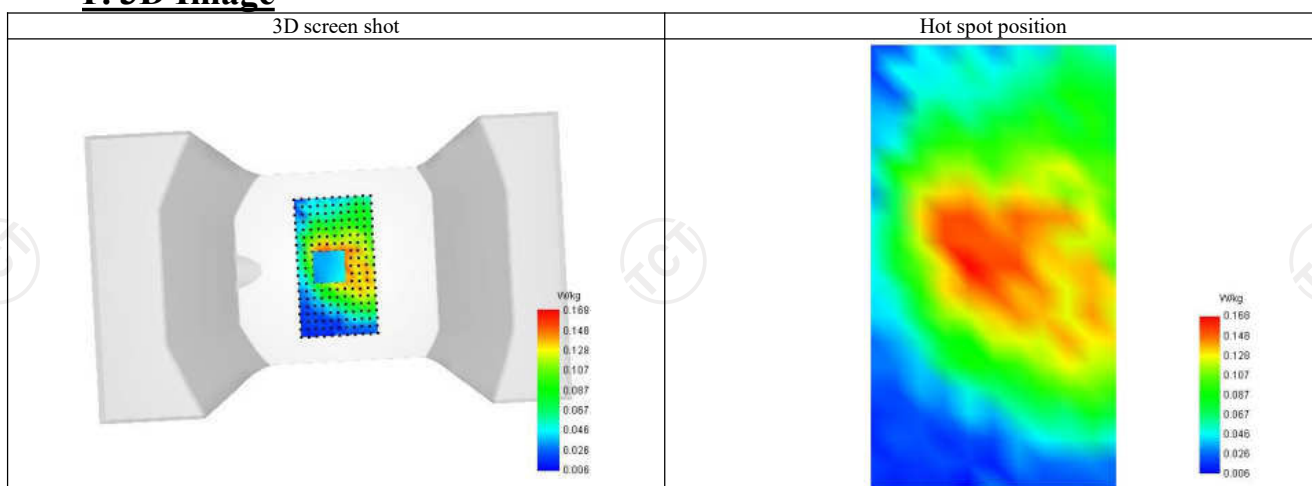
SAR 10g (W/Kg)	0.107
SAR 1g (W/Kg)	0.160
Variation (%)	-3.106
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.234	0.168	0.111	0.075	0.054



F. 3D Image



LTE Band 7-Front-of-face

SAR Measurement at LTE band 7 (Body, Validation Plane)

Date of measurement: 28/9/2022

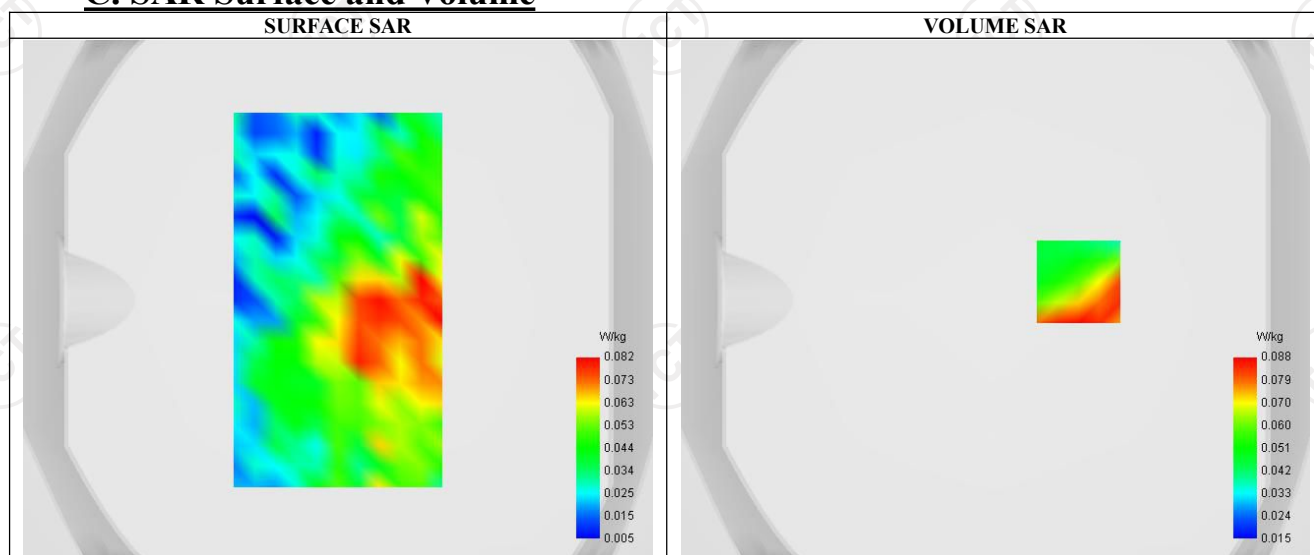
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.23
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels	Middle (21100)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	2535.000
Relative permittivity (real part)	55.192
Relative permittivity (imaginary part)	20.929
Conductivity (S/m)	2.113

C. SAR Surface and Volume



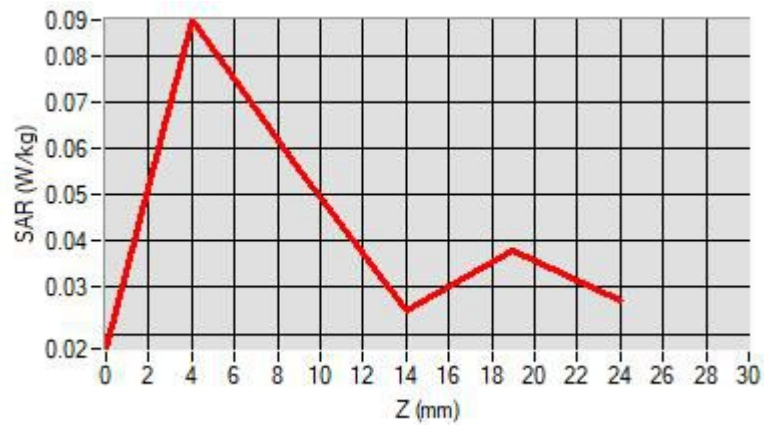
Maximum location: X=32.00, Y=7.00 ; SAR Peak: 0.16 W/kg

D. SAR 1g & 10g

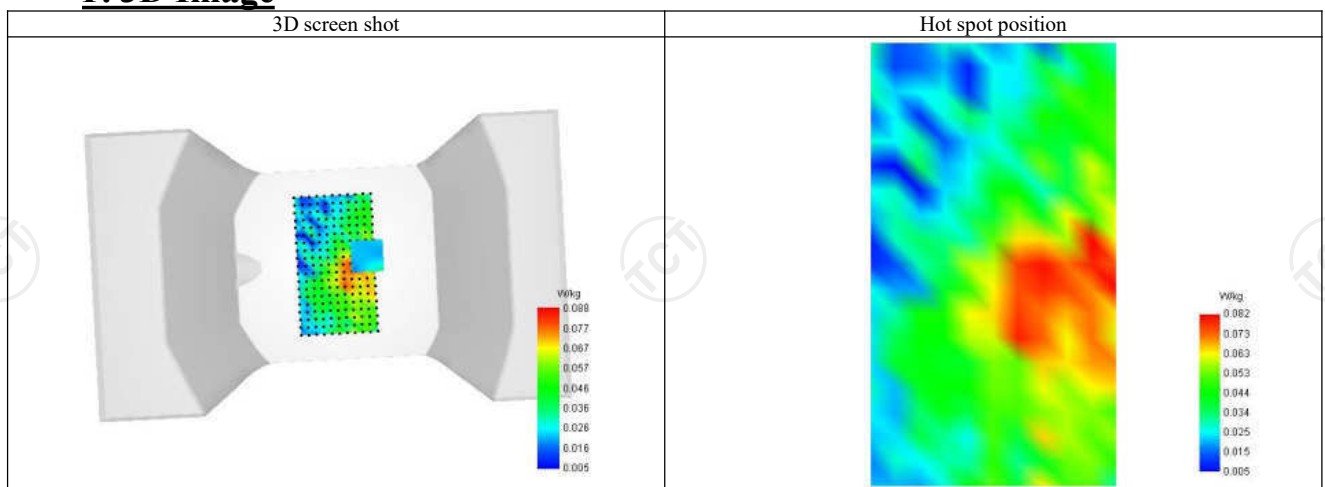
SAR 10g (W/Kg)	0.046
SAR 1g (W/Kg)	0.074
Variation (%)	-2.746
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.017	0.088	0.055	0.025	0.038



F. 3D Image



LTE Band 12-Body

SAR Measurement at LTE band 12 (Body, Validation Plane)

Date of measurement: 26/9/2022

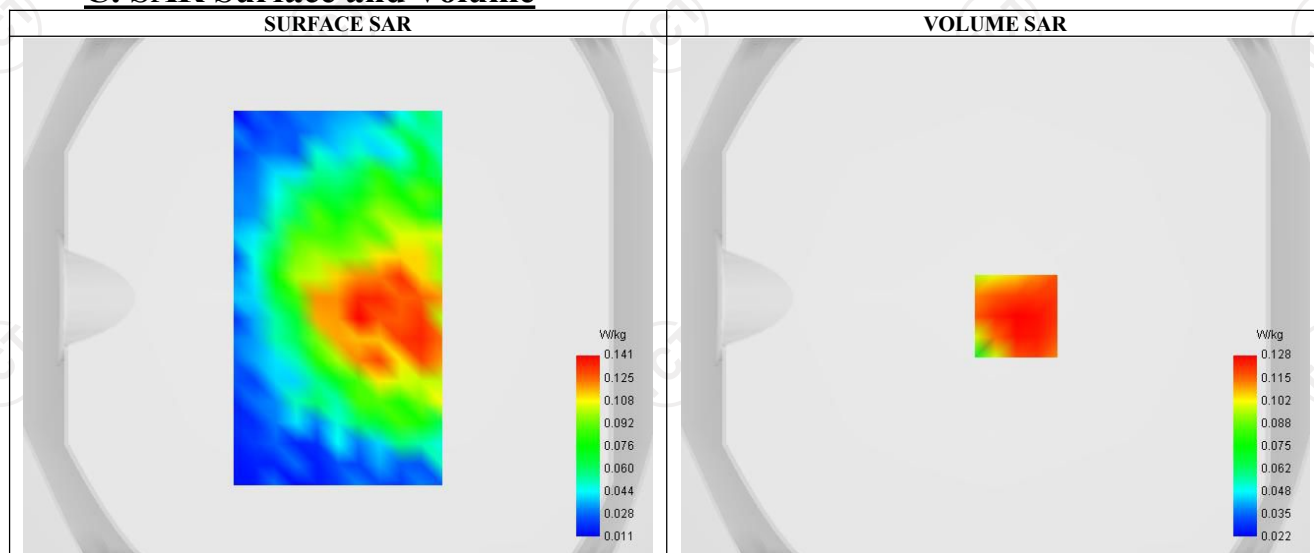
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.78
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Channels	Higher (23130)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	711.000
Relative permittivity (real part)	55.381
Relative permittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume

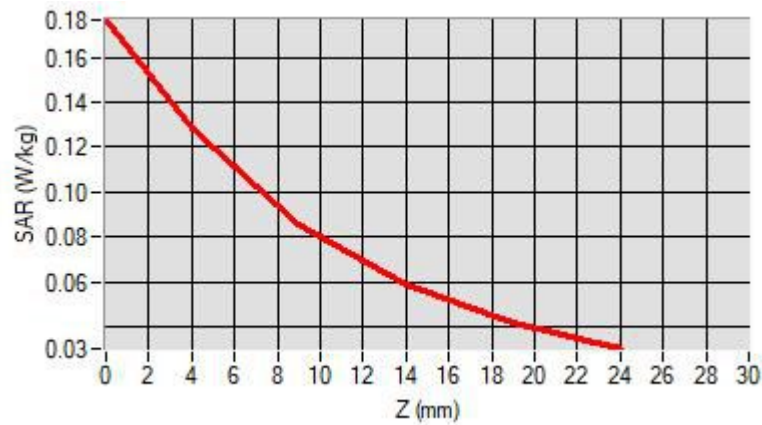


D. SAR 1g & 10g

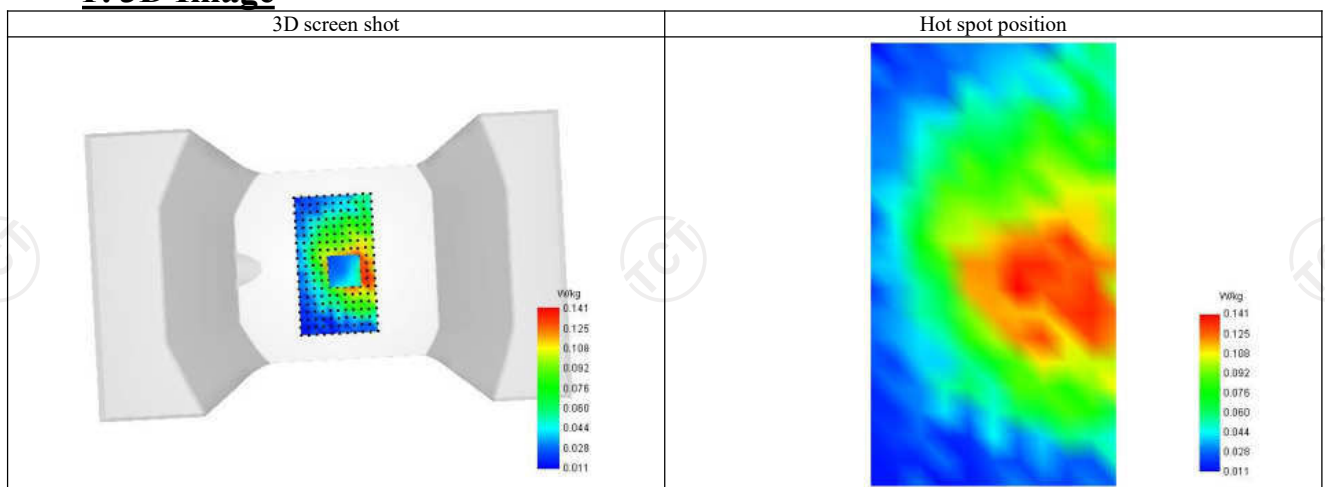
SAR 10g (W/Kg)	0.086
SAR 1g (W/Kg)	0.122
Variation (%)	2.694
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.177	0.128	0.086	0.059	0.042



F. 3D Image



LTE Band 12-Front-of-face

SAR Measurement at LTE band 12 (Body, Validation Plane)

Date of measurement: 26/9/2022

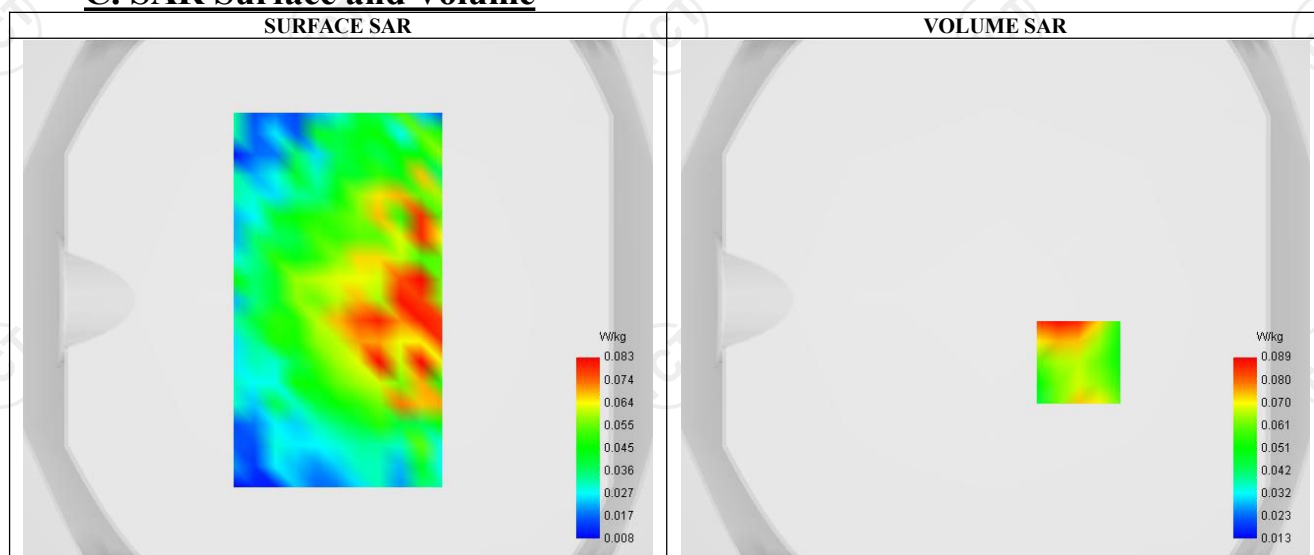
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.78
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Channels	Higher (23130)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	711.000
Relative permittivity (real part)	55.381
Relative permittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume



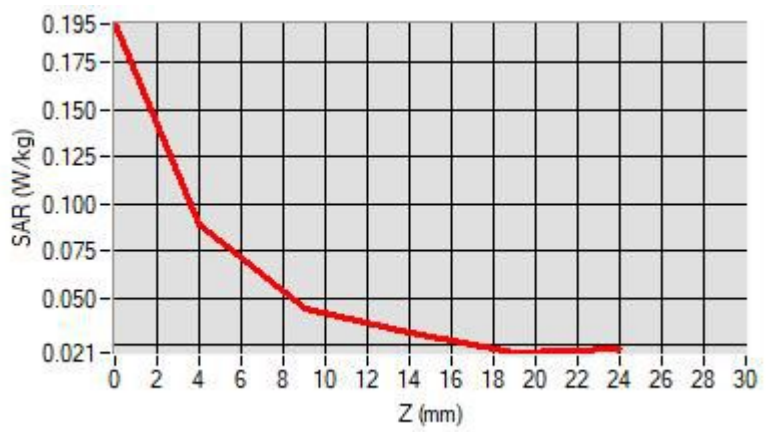
Maximum location: X=32.00, Y=-24.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

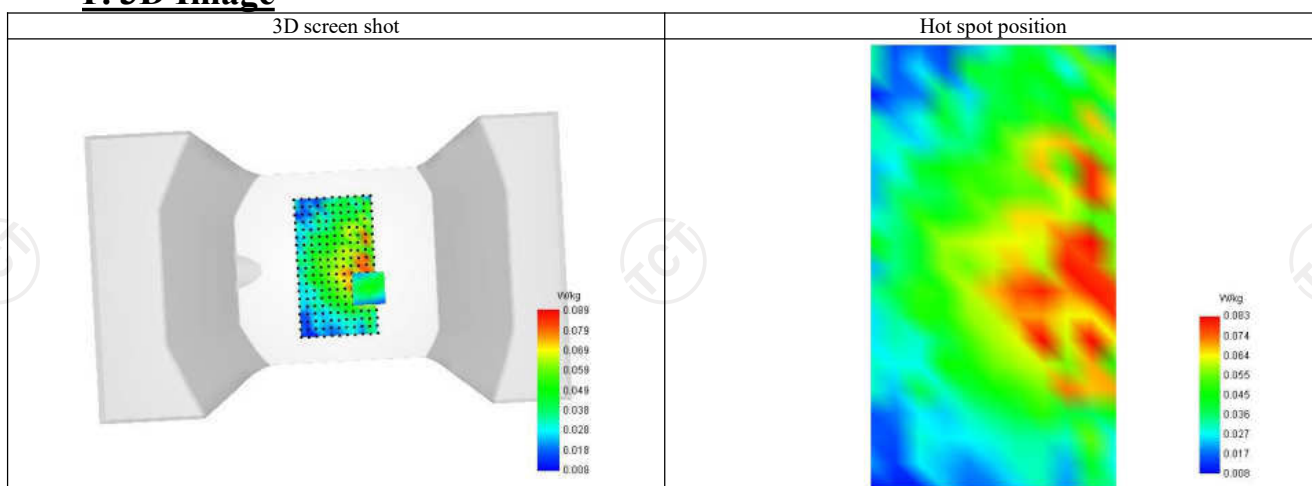
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.077
Variation (%)	1.954
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.195	0.089	0.044	0.031	0.021



F. 3D Image



LTE Band 13-Body

SAR Measurement at LTE band 13 (Body, Validation Plane)

Date of measurement: 26/9/2022

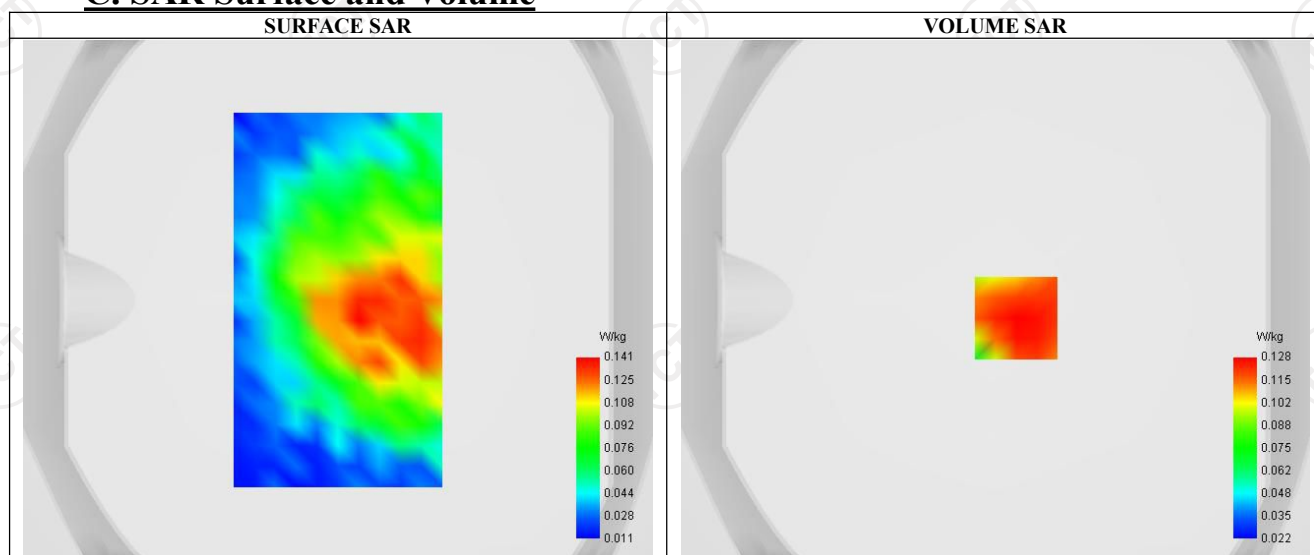
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.78
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 13
Channels	Middle (23230)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	707.500
Relative permittivity (real part)	55.381
Relative permittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume



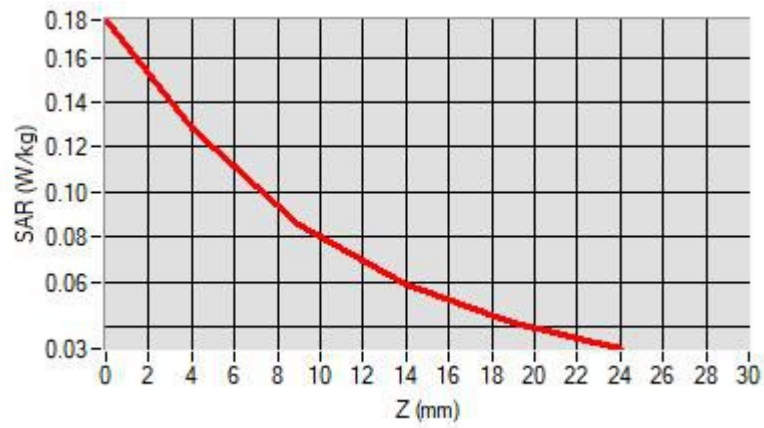
Maximum location: X=8.00, Y=-7.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

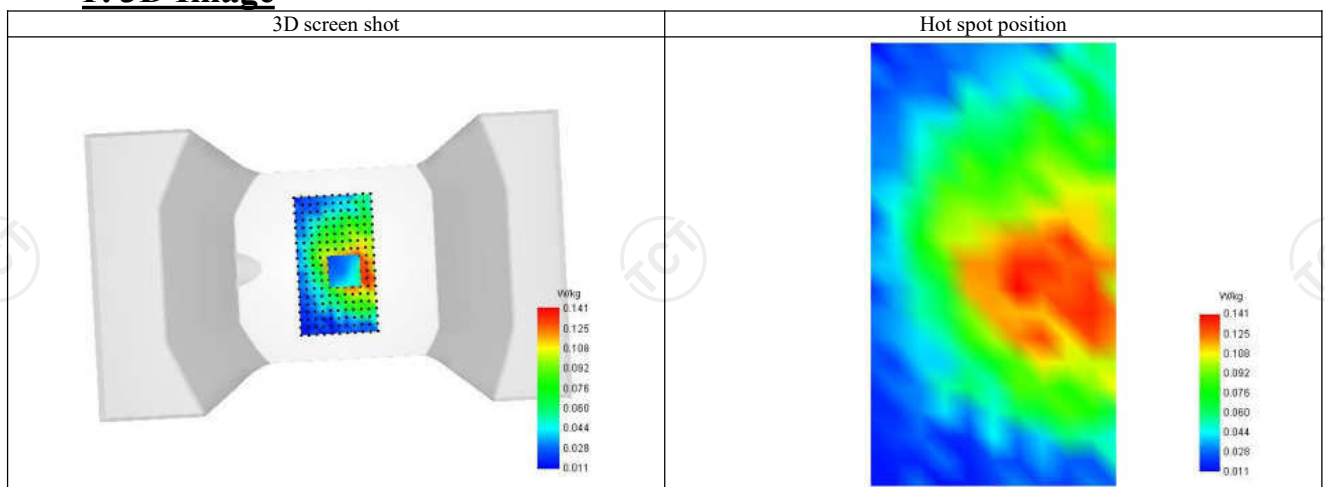
SAR 10g (W/Kg)	0.975
SAR 1g (W/Kg)	0.142
Variation (%)	1.704
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.177	0.128	0.086	0.059	0.042



F. 3D Image



LTE Band 13-Front-of-face

SAR Measurement at LTE band 13 (Body, Validation Plane)

Date of measurement: 26/9/2022

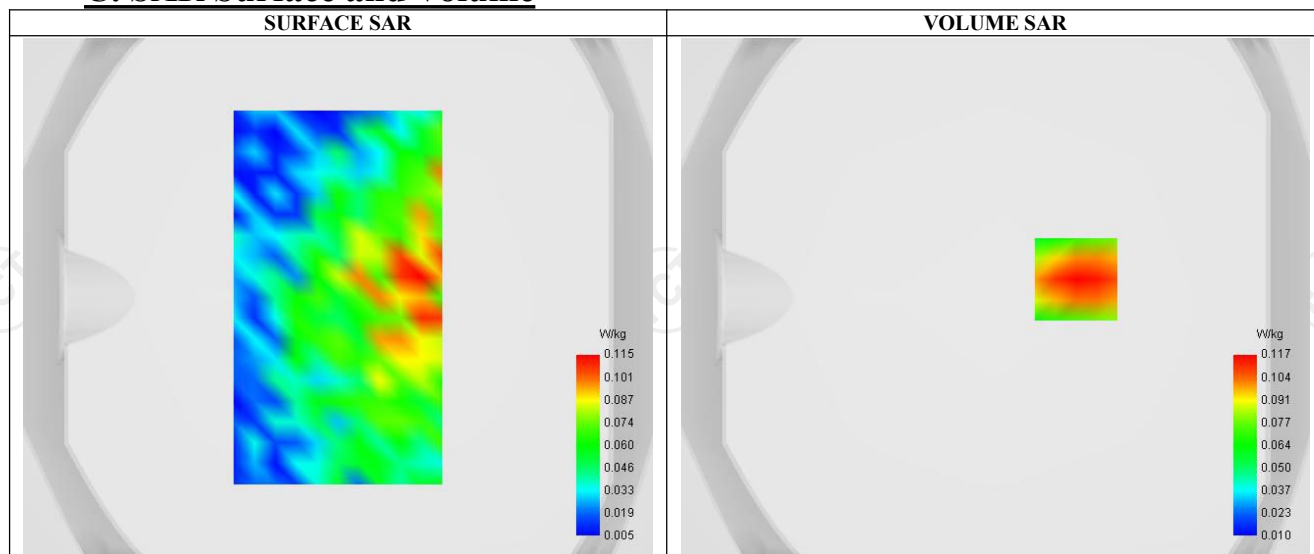
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.78
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 13
Channels	Middle (23230)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	707.500
Relative permittivity (real part)	55.381
Relative permittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume

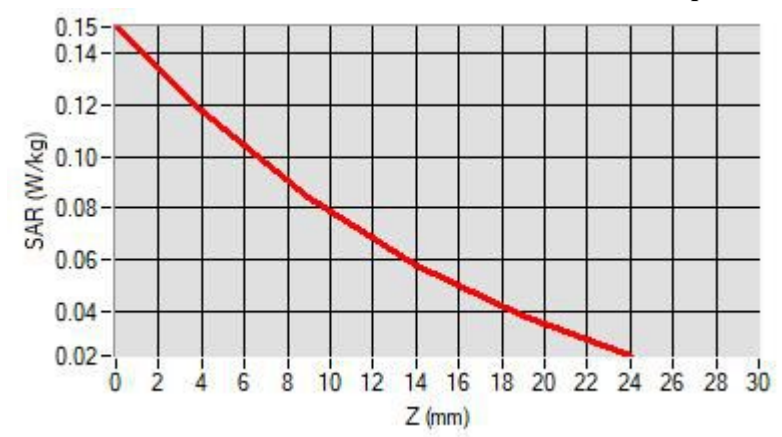


D. SAR 1g & 10g

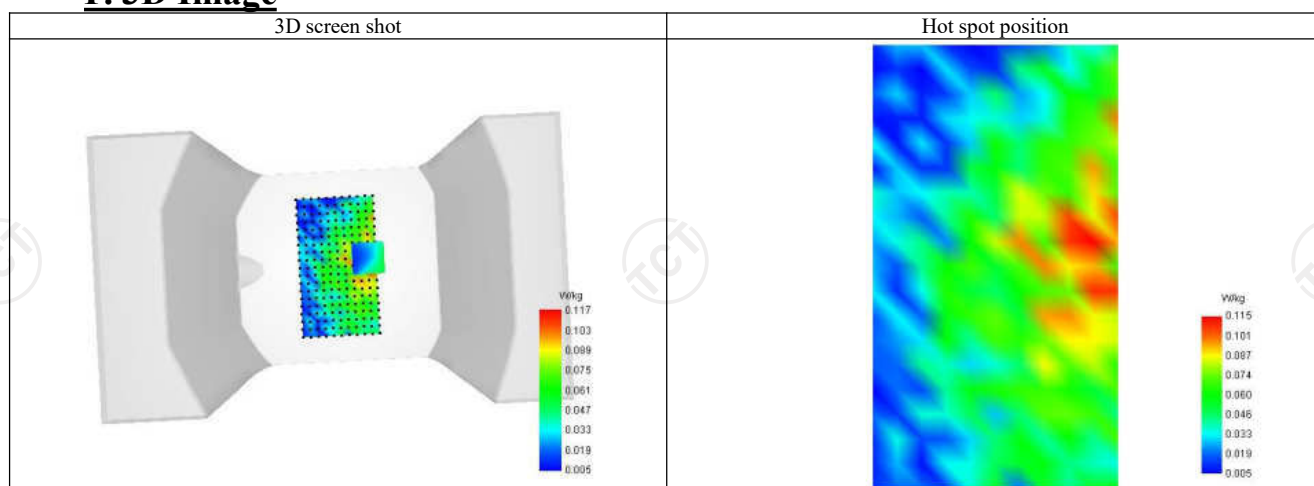
SAR 10g (W/Kg)	0.073
SAR 1g (W/Kg)	0.111
Variation (%)	1.174
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.150	0.117	0.084	0.058	0.038



F. 3D Image



LTE Band 17-Body

SAR Measurement at LTE band 17 (Body, Validation Plane)

Date of measurement: 26/9/2022

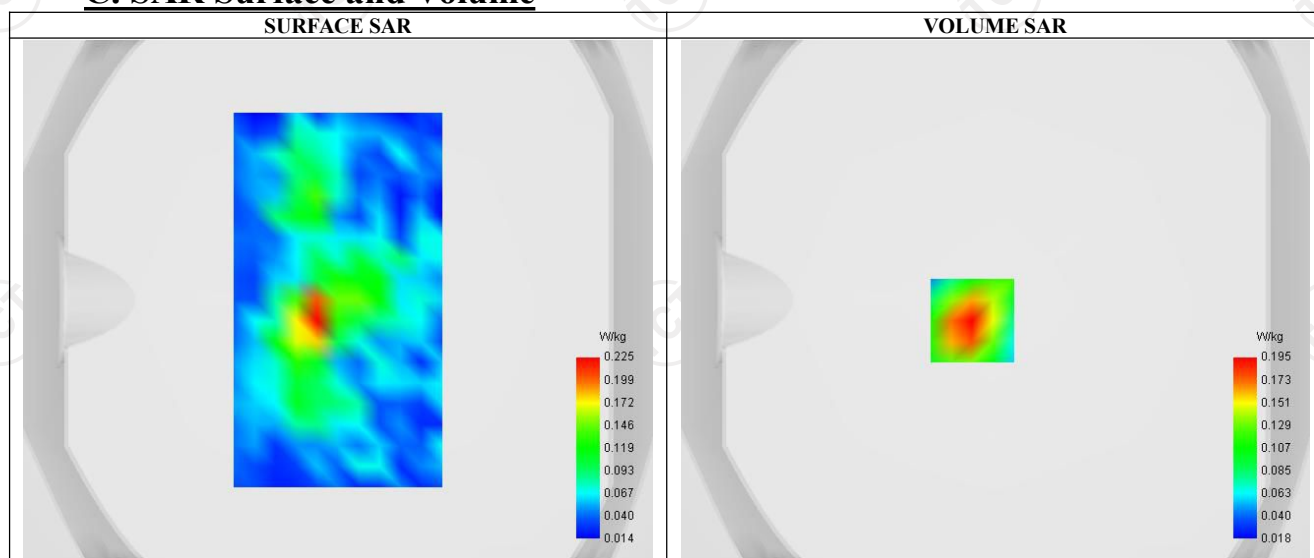
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.78
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 17
Channels	Middle (23790)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	710.000
Relative permittivity (real part)	55.381
Relative permittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume



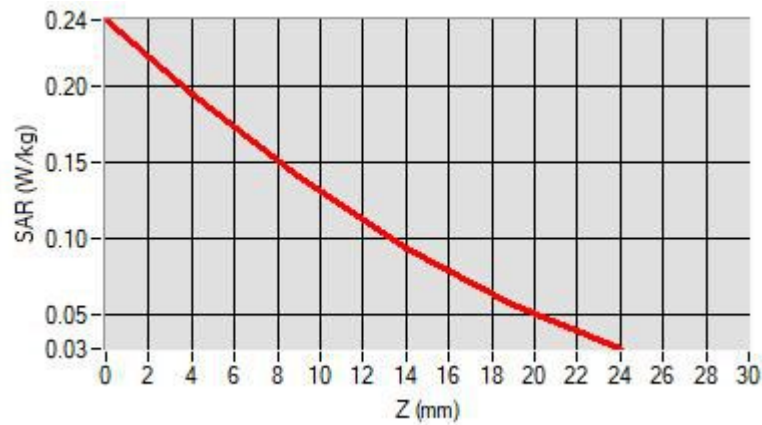
Maximum location: X=-9.00, Y=-8.00 ; SAR Peak: 0.27 W/kg

D. SAR 1g & 10g

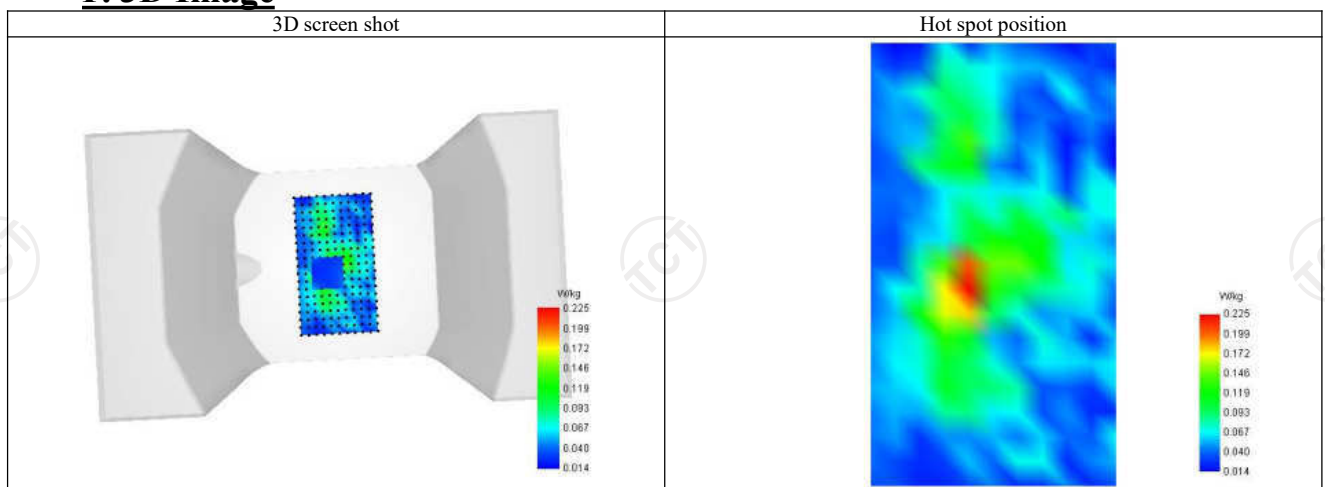
SAR 10g (W/Kg)	0.103
SAR 1g (W/Kg)	0.178
Variation (%)	0.944
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.243	0.195	0.141	0.094	0.057



F. 3D Image



LTE Band 17-Front-of-face

SAR Measurement at LTE band 17 (Body, Validation Plane)

Date of measurement: 26/9/2022

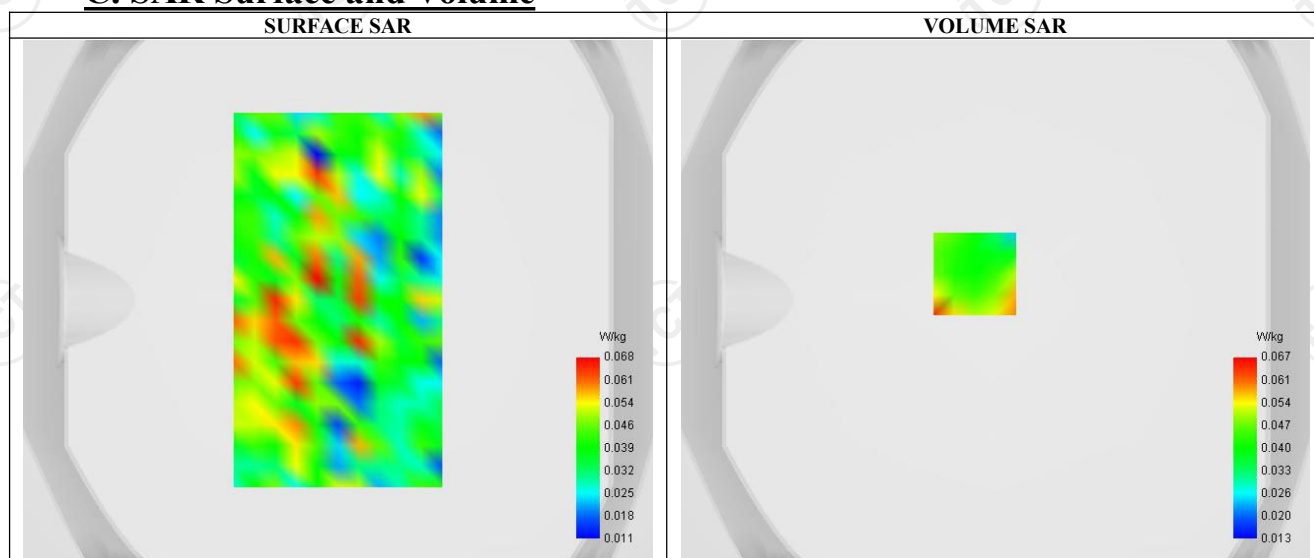
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPGO346)
ConvF	1.78
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 17
Channels	Middle (23790)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	710.000
Relative permittivity (real part)	55.381
Relative permittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume



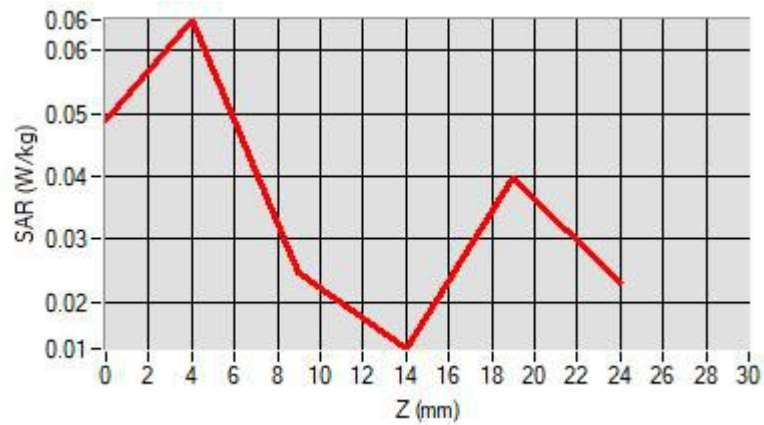
Maximum location: X=-8.00, Y=10.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

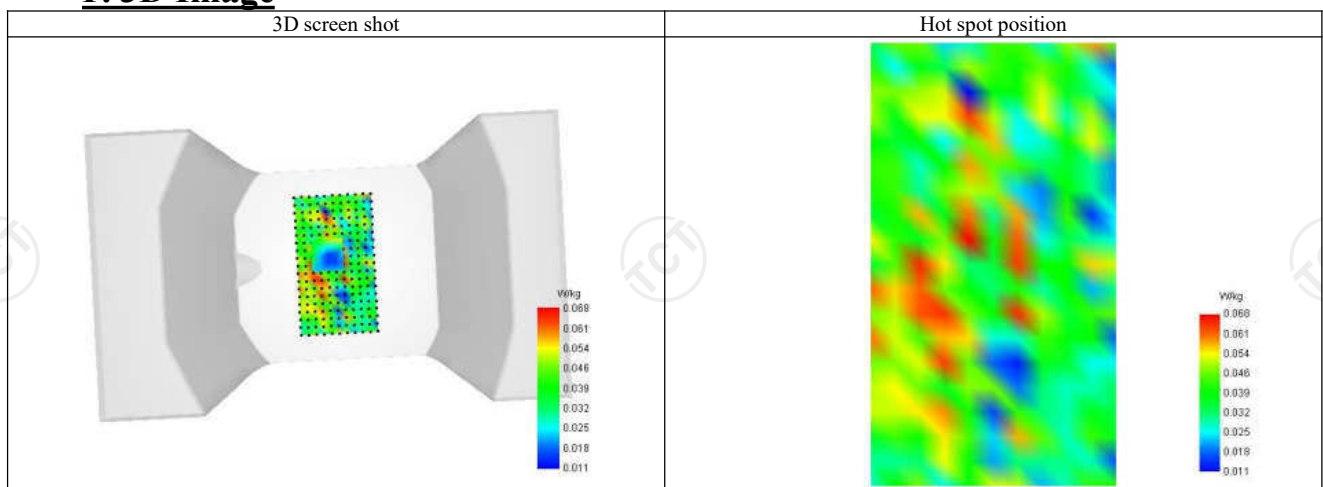
SAR 10g (W/Kg)	0.041
SAR 1g (W/Kg)	0.053
Variation (%)	1.394
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.049	0.065	0.025	0.013	0.040



F. 3D Image



LTE Band 25-Body

SAR Measurement at LTE band 25 (Body, Validation Plane)

Date of measurement: 27/9/2022

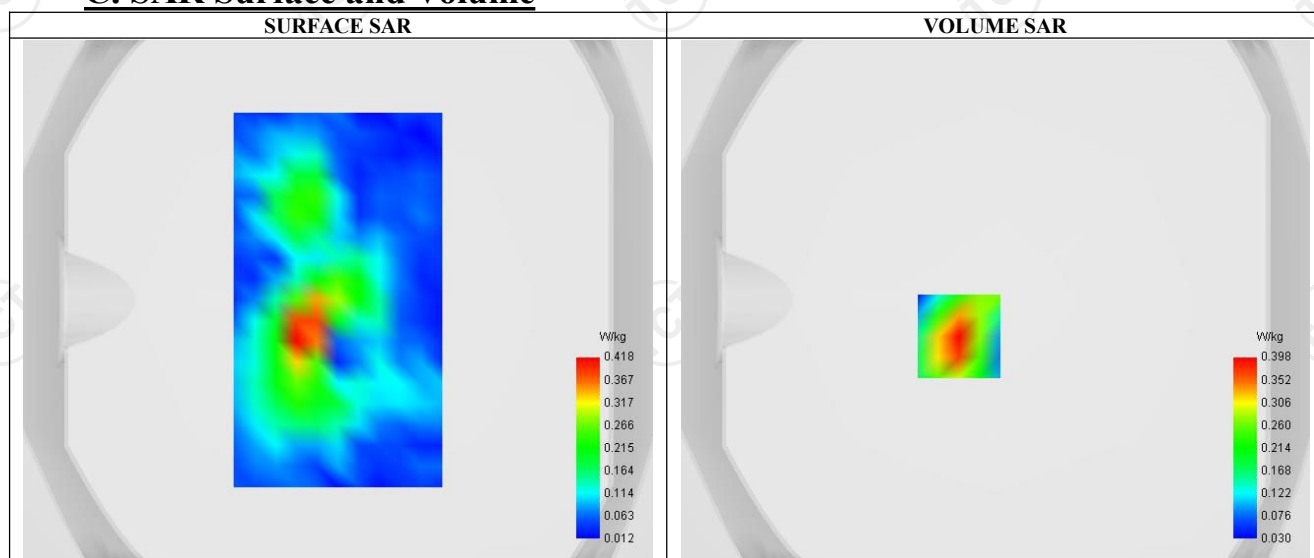
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPGO346)
ConvF	2.32
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Channels	Middle (26365)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1882.500
Relative permittivity (real part)	53.254
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	1.562

C. SAR Surface and Volume

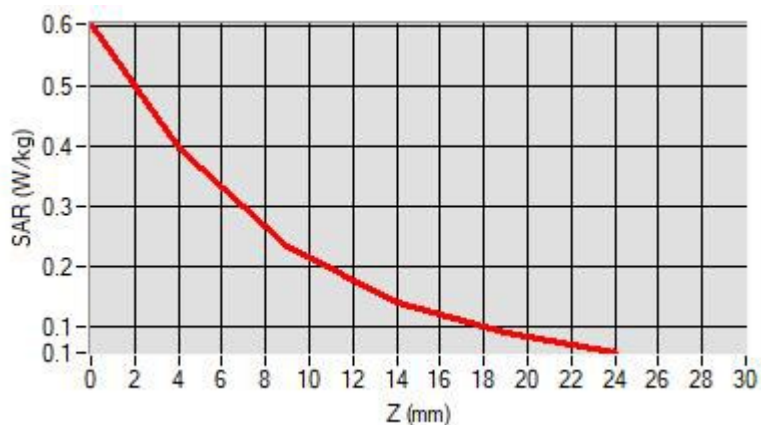


D. SAR 1g & 10g

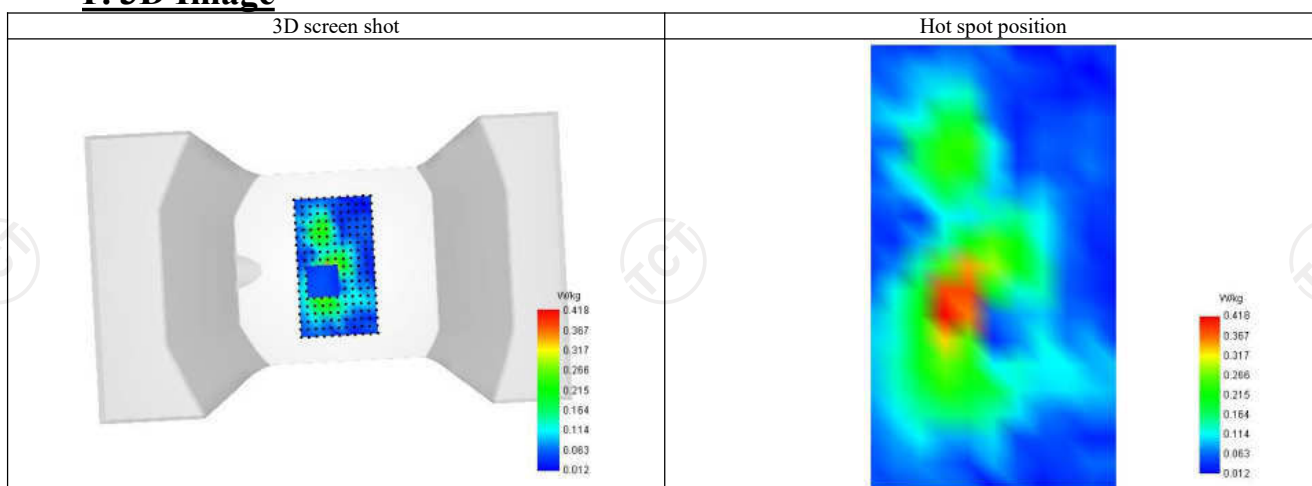
SAR 10g (W/Kg)	0.193
SAR 1g (W/Kg)	0.364
Variation (%)	-0.766
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.604	0.398	0.233	0.139	0.087



F. 3D Image



LTE Band 25-Front-of-face

SAR Measurement at LTE band 25 (Body, Validation Plane)

Date of measurement: 27/9/2022

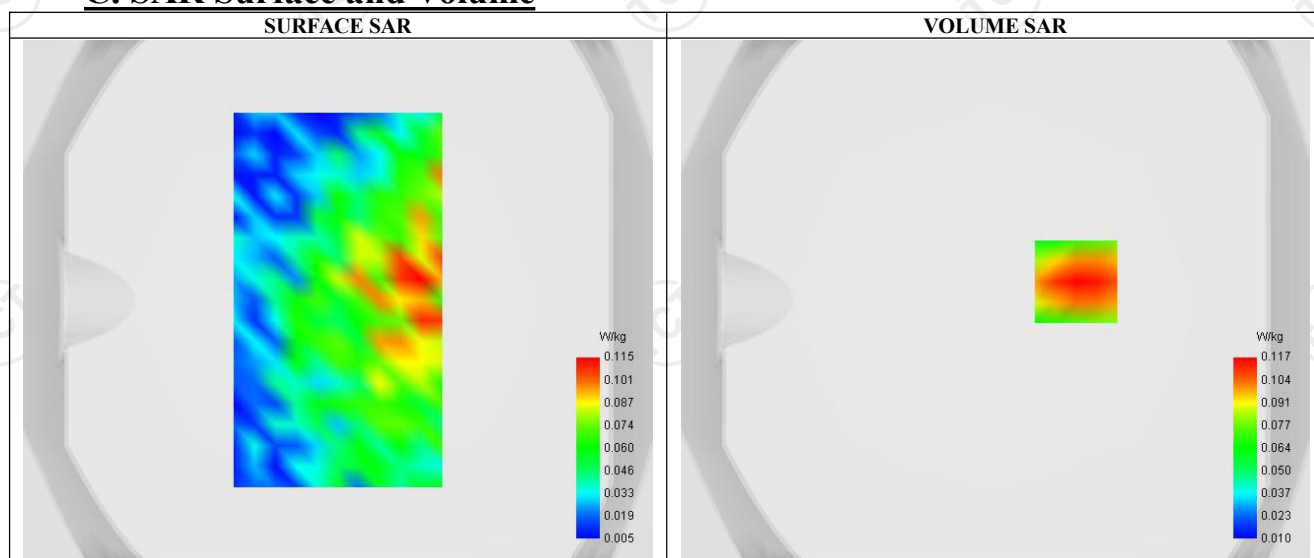
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.32
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Channels	Middle (26365)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1882.500
Relative permittivity (real part)	53.254
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	1.562

C. SAR Surface and Volume



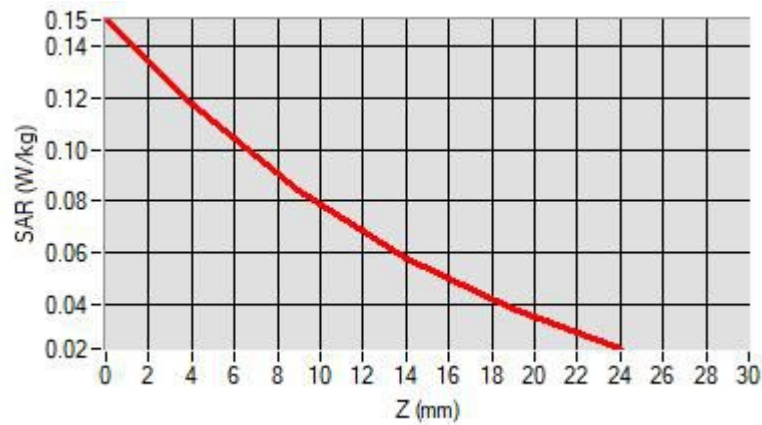
Maximum location: X=31.00, Y=7.00 ; SAR Peak: 0.20 W/kg

D. SAR 1g & 10g

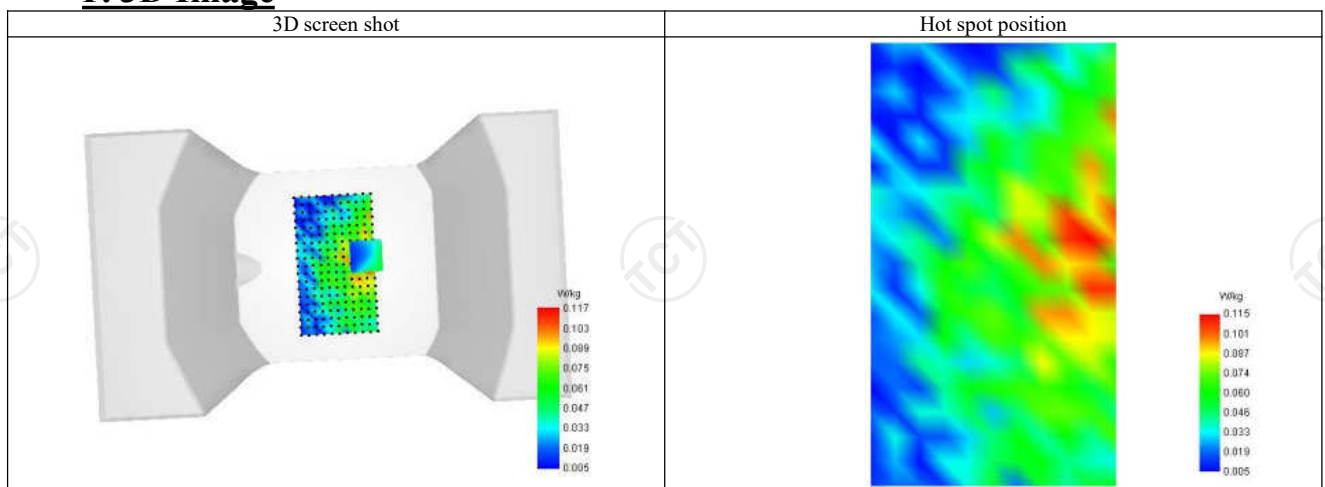
SAR 10g (W/Kg)	0.078
SAR 1g (W/Kg)	0.116
Variation (%)	-1.486
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.150	0.117	0.084	0.058	0.038



F. 3D Image



LTE Band 26-Body

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 26/9/2022

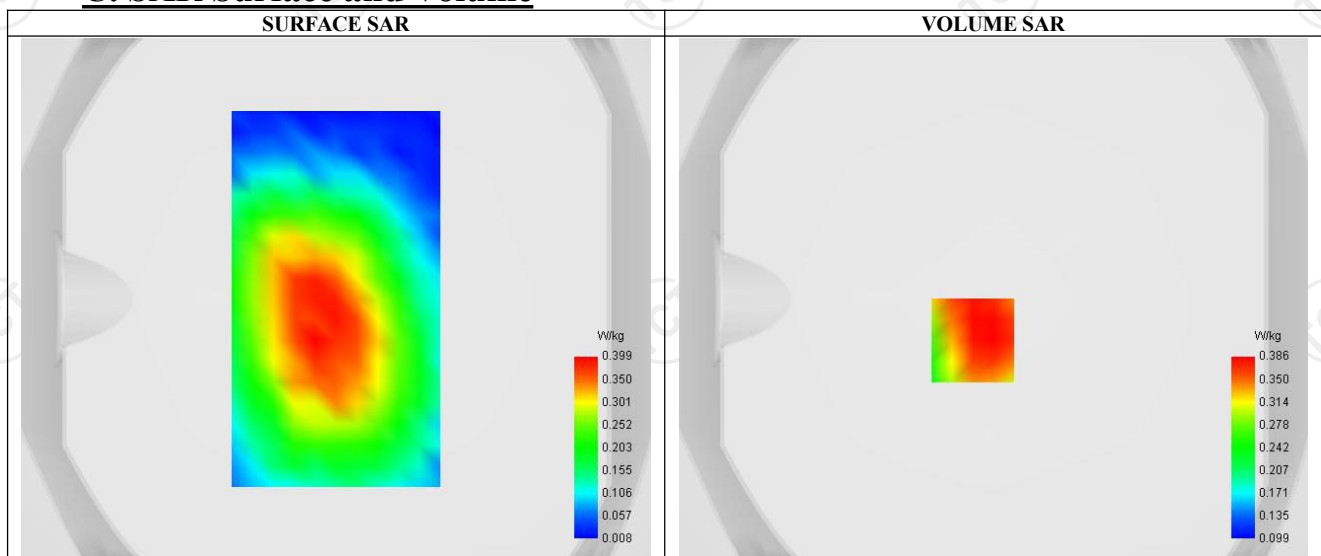
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPGO346)
ConvF	1.86
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels	Middle (26765)
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	821.500
Relative permittivity (real part)	55.263
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	0.932

C. SAR Surface and Volume



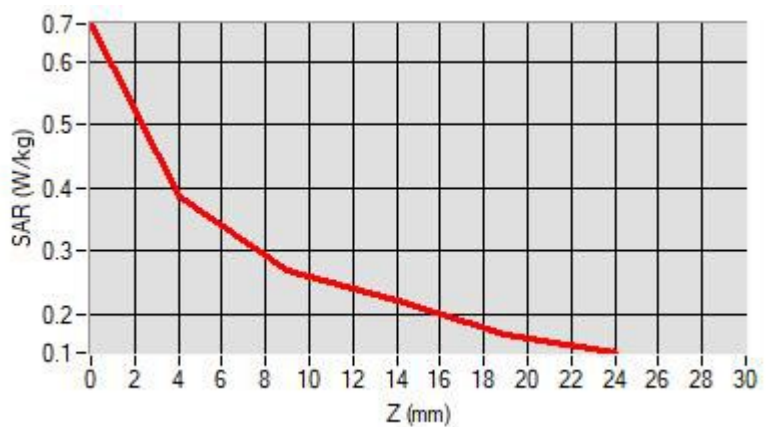
Maximum location: X=-8.00, Y=-16.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

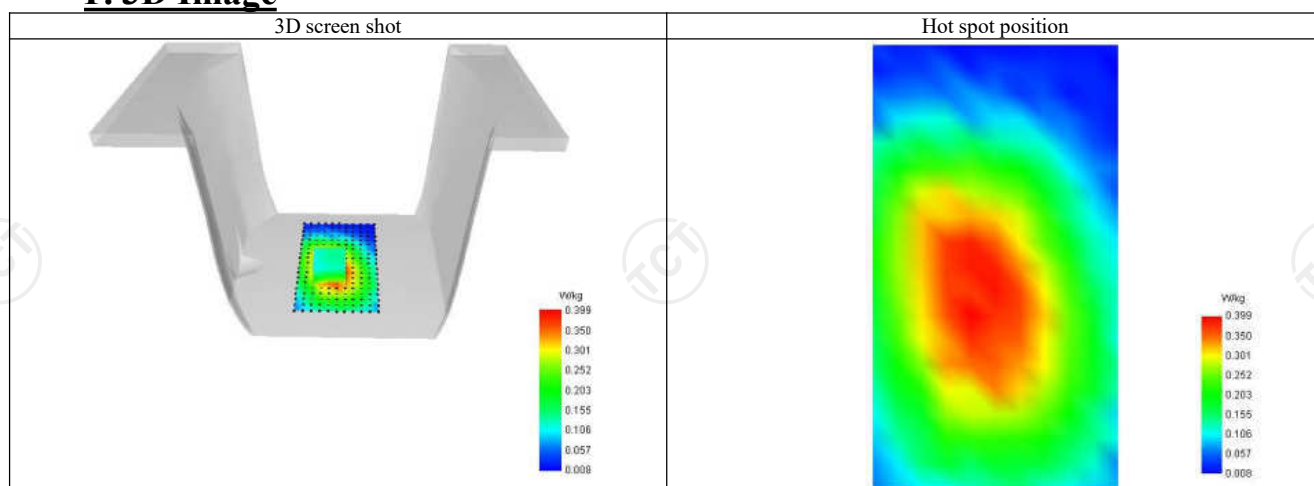
SAR 10g (W/Kg)	0.288
SAR 1g (W/Kg)	0.394
Variation (%)	-3.486
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.659	0.386	0.269	0.223	0.168



F. 3D Image



LTE Band 26-Front-of-face

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 26/9/2022

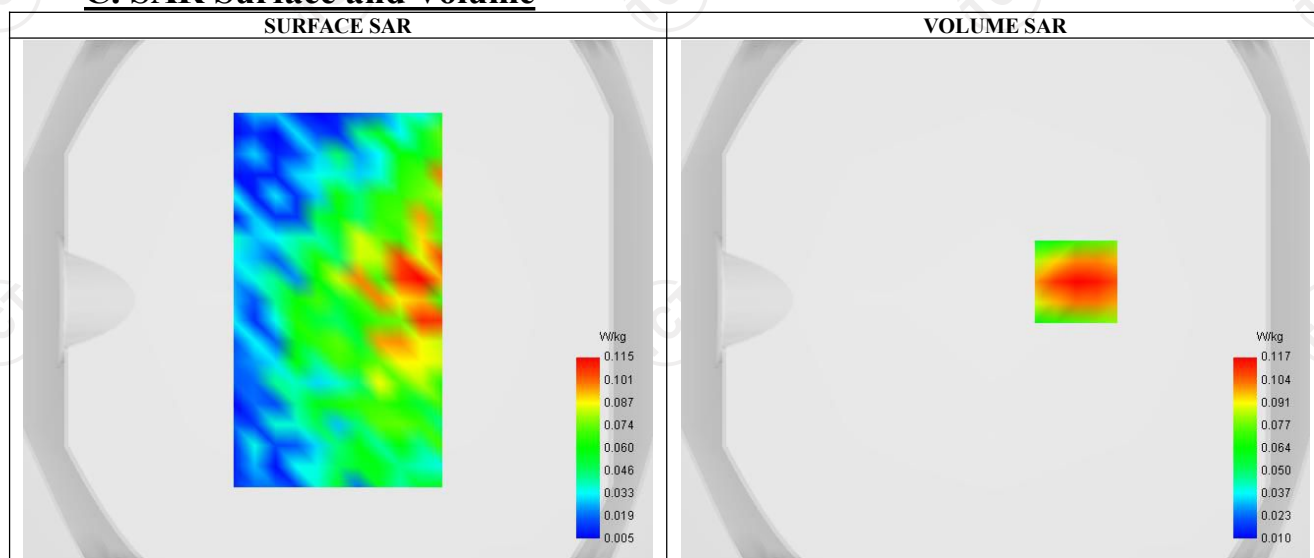
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.86
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels	Middle (26765)
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	821.500
Relative permittivity (real part)	55.263
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	0.932

C. SAR Surface and Volume



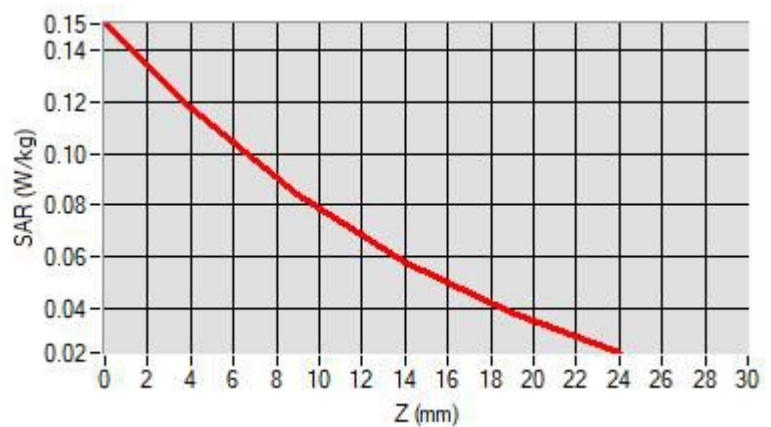
Maximum location: X=31.00, Y=7.00 ; SAR Peak: 0.20 W/kg

D. SAR 1g & 10g

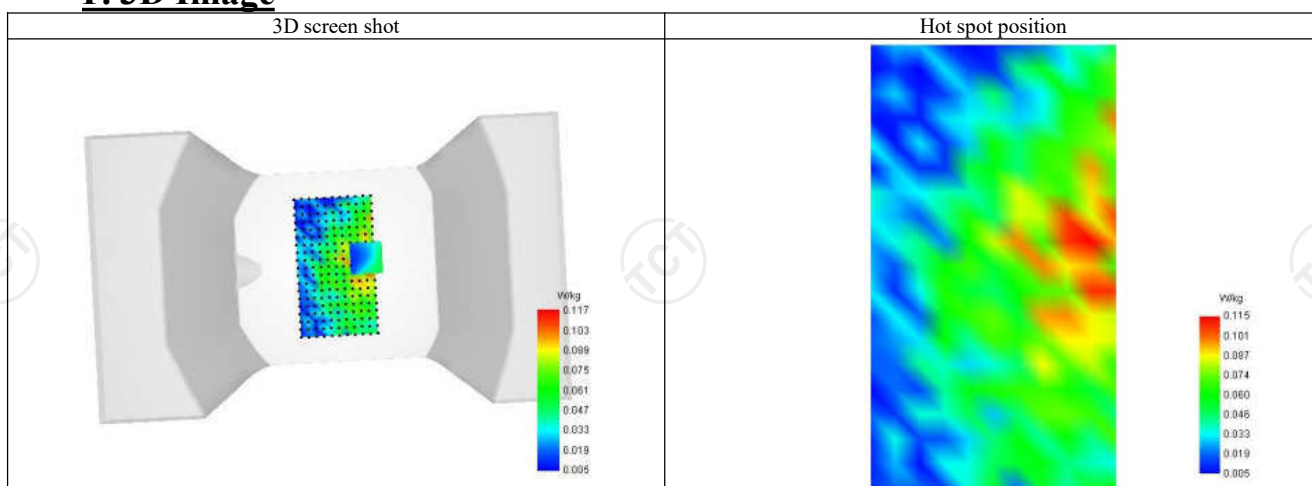
SAR 10g (W/Kg)	0.091
SAR 1g (W/Kg)	0.125
Variation (%)	-1.086
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.150	0.117	0.084	0.058	0.038



F. 3D Image



LTE Band 41-Body

SAR Measurement at LTE band 41 (Body, Validation Plane)

Date of measurement: 28/9/2022

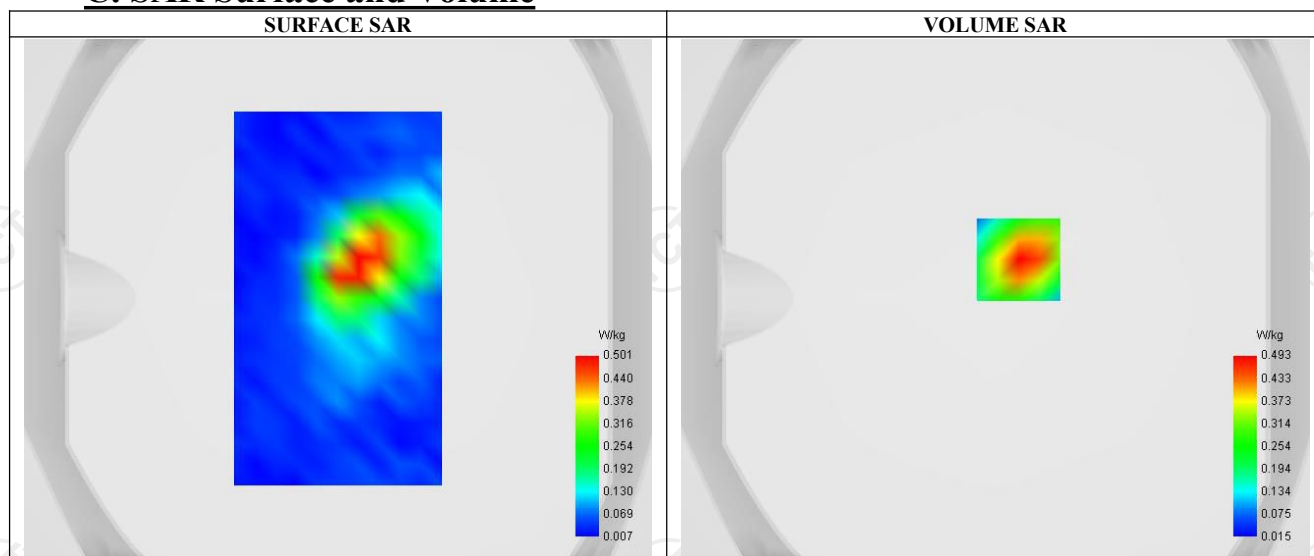
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPGO346)
ConvF	2.23
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	Higher (41490)
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Frequency (MHz)	2680.000
Relative permittivity (real part)	51.944
Relative permittivity (imaginary part)	14.935
Conductivity (S/m)	2.135

C. SAR Surface and Volume



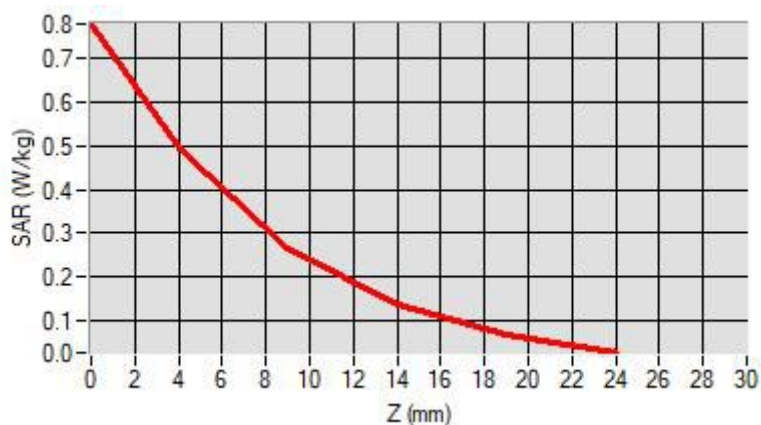
Maximum location: X=9.00, Y=15.00 ; SAR Peak: 0.78 W/kg

D. SAR 1g & 10g

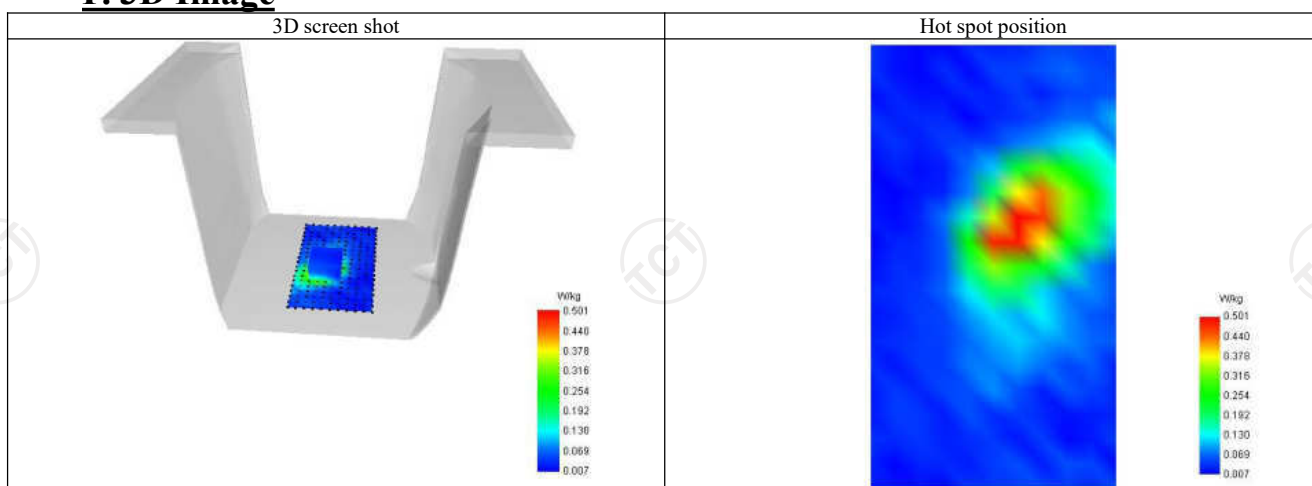
SAR 10g (W/Kg)	0.231
SAR 1g (W/Kg)	0.454
Variation (%)	-1.576
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.777	0.493	0.266	0.138	0.068



F. 3D Image



LTE Band 41-Front-of-face

SAR Measurement at LTE band 41 (Body, Validation Plane)

Date of measurement: 28/9/2022

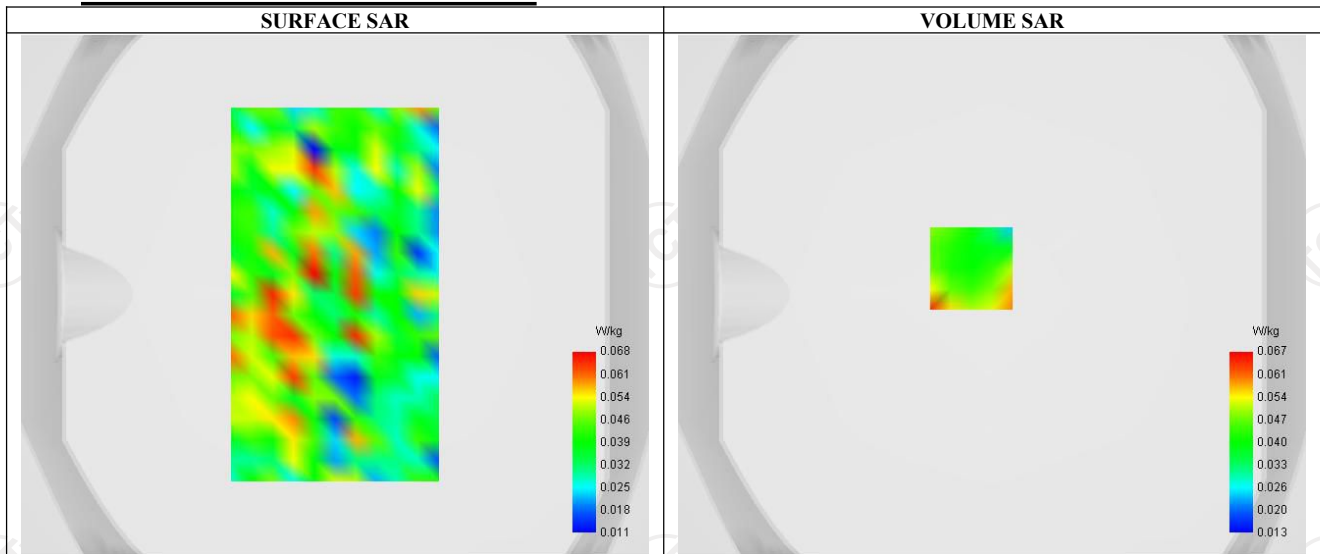
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.23
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	Higher (41490)
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Frequency (MHz)	2680.000
Relative permittivity (real part)	51.944
Relative permittivity (imaginary part)	14.935
Conductivity (S/m)	2.135

C. SAR Surface and Volume



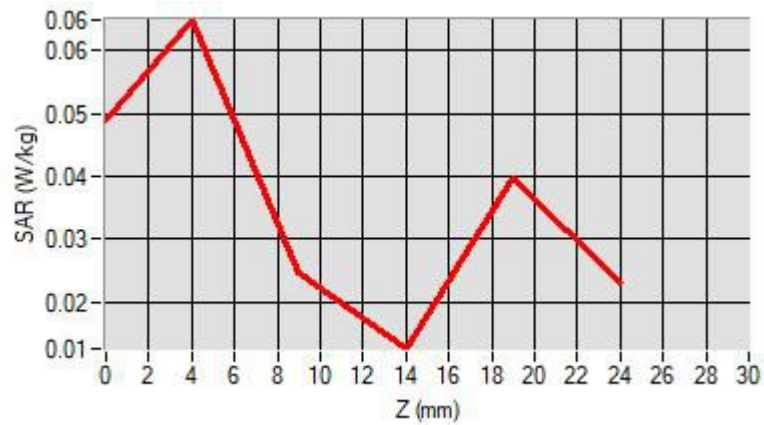
Maximum location: X=-8.00, Y=10.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

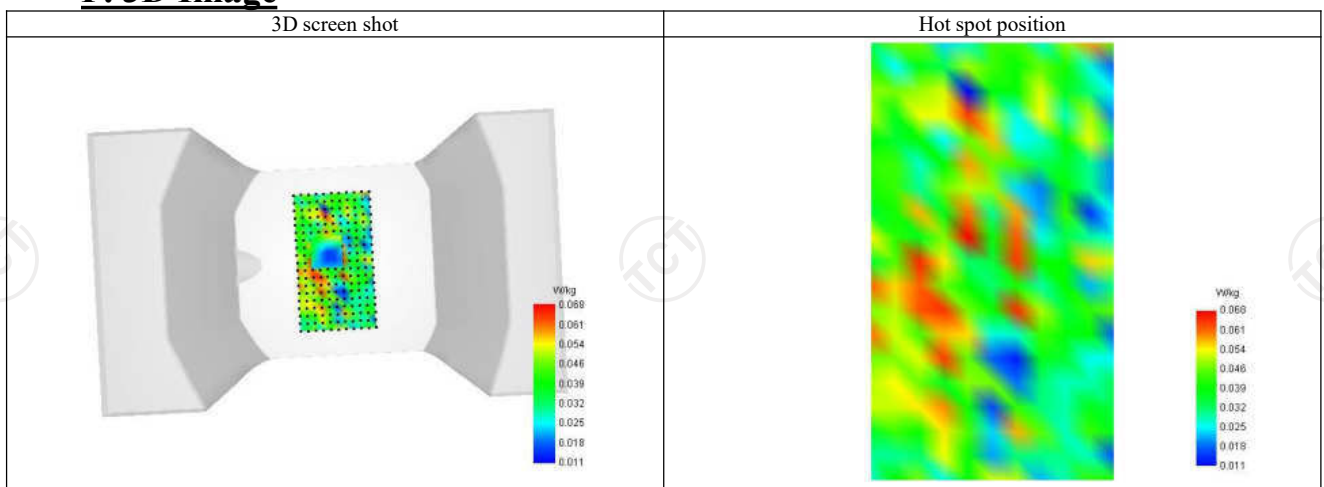
SAR 10g (W/Kg)	0.041
SAR 1g (W/Kg)	0.060
Variation (%)	1.394
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.049	0.065	0.025	0.013	0.040



F. 3D Image



LTE Band 66-Body

SAR Measurement at LTE band 66 (Body, Validation Plane)

Date of measurement: 27/9/2022

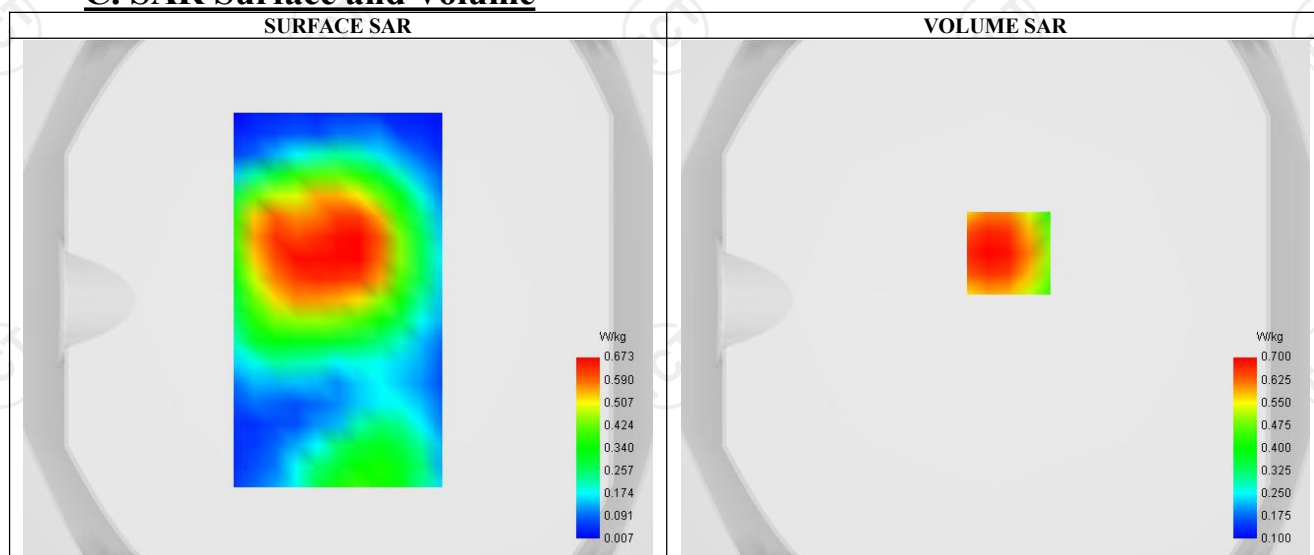
F. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels	Lower (132072)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM – QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1720.000
Relative ermittivity (real part)	54.464
Relative ermittivity (imaginary part)	15.411
Conductivity (S/m)	1.502

C. SAR Surface and Volume

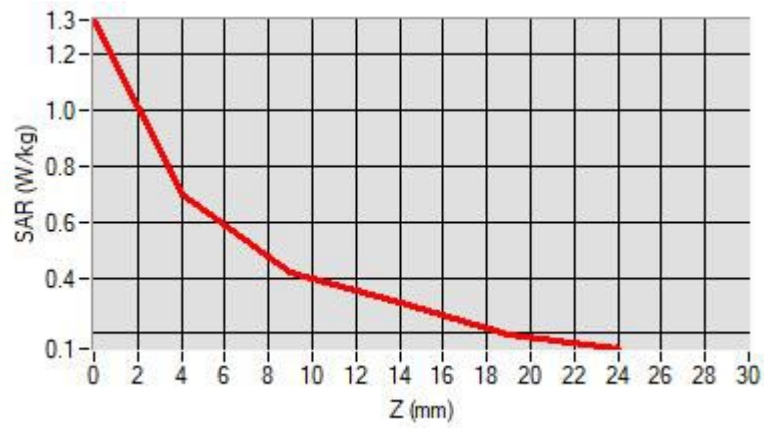


D. SAR 1g & 10g

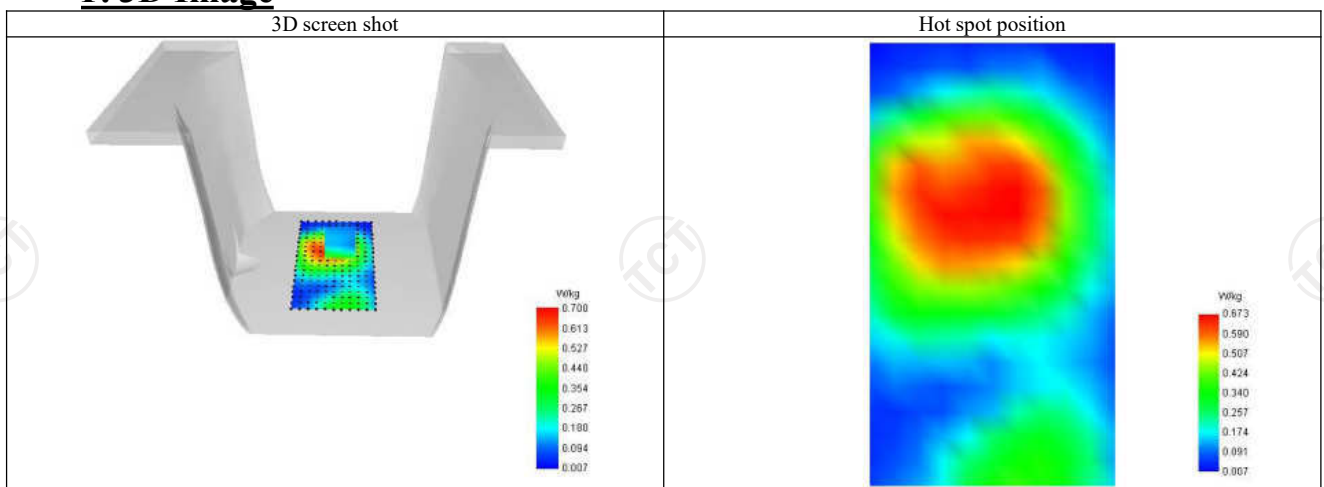
SAR 10g (W/Kg)	0.435
SAR 1g (W/Kg)	0.667
Variation (%)	-1.376
Horizontal validation criteria : minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.323	0.700	0.418	0.309	0.197



F. 3D Image



LTE Band 66-Front-of-face

SAR Measurement at LTE band 66 (Body, Validation Plane)

Date of measurement: 27/9/2022

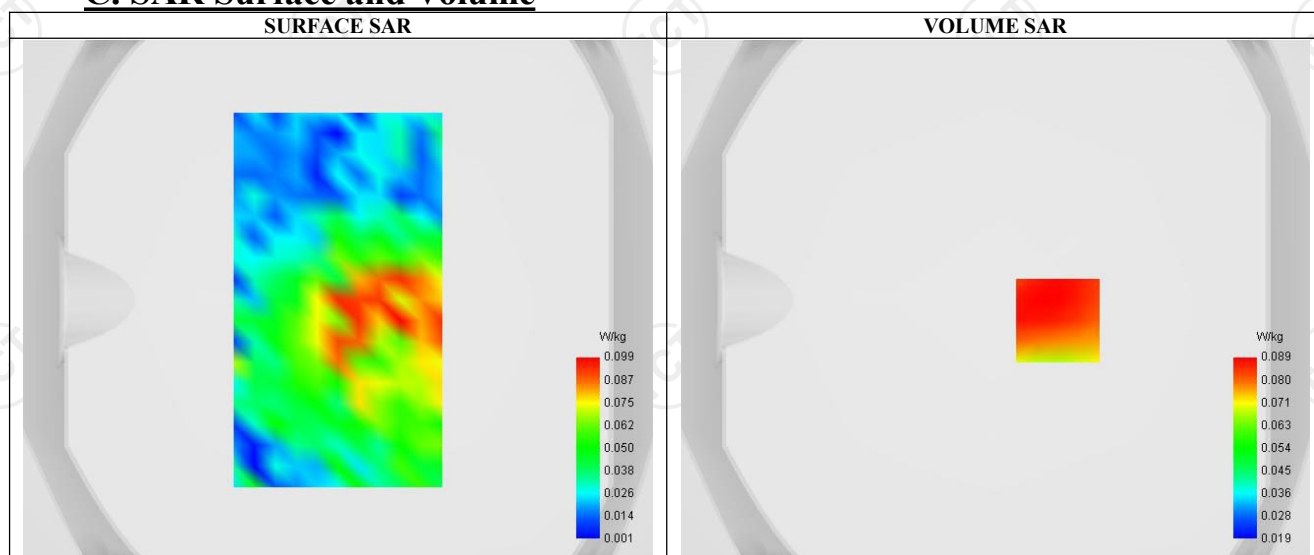
F. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels	Lower (132072)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM – QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1720.000
Relative ermittivity (real part)	54.464
Relative ermittivity (imaginary part)	15.411
Conductivity (S/m)	1.502

C. SAR Surface and Volume

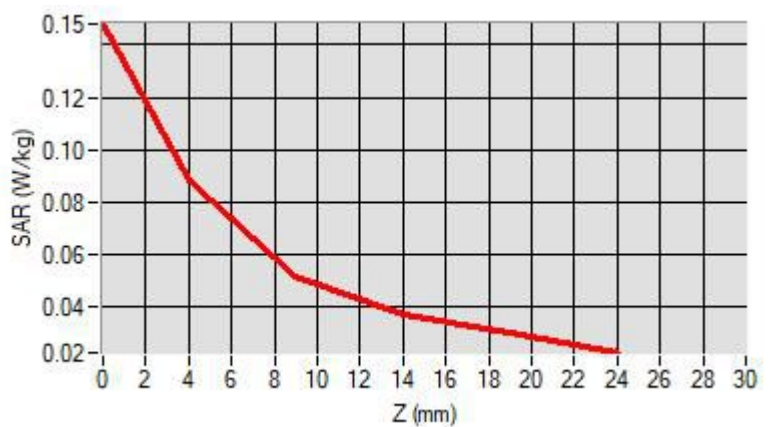


D. SAR 1g & 10g

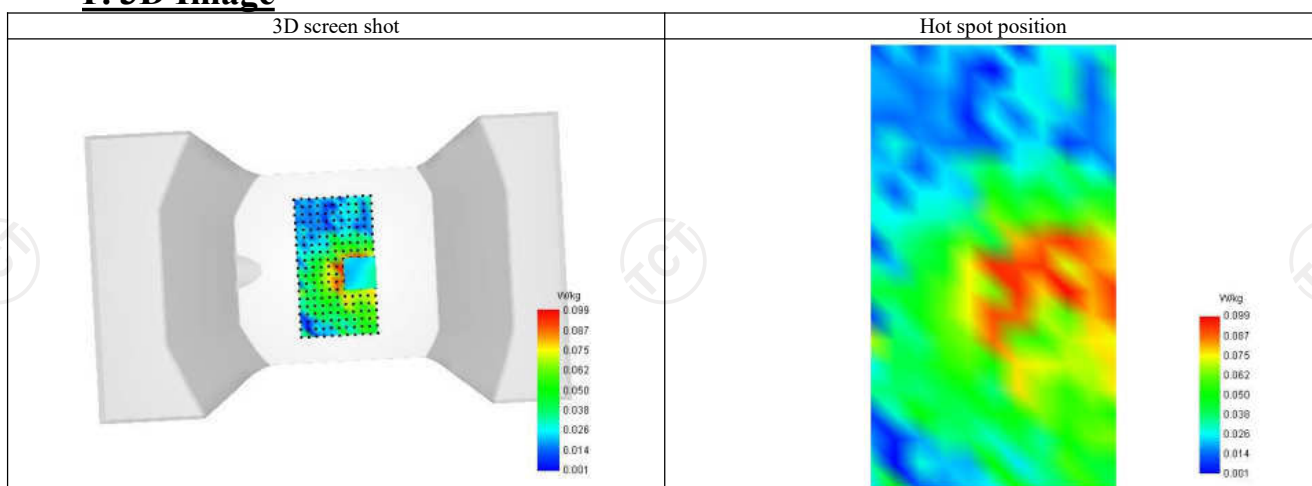
SAR 10g (W/Kg)	0.054
SAR 1g (W/Kg)	0.081
Variation (%)	-0.926
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.148	0.089	0.052	0.037	0.030



F. 3D Image



LTE Band 71-Body

SAR Measurement at LTE band 71 (Body, Validation Plane)

Date of measurement: 26/9/2022

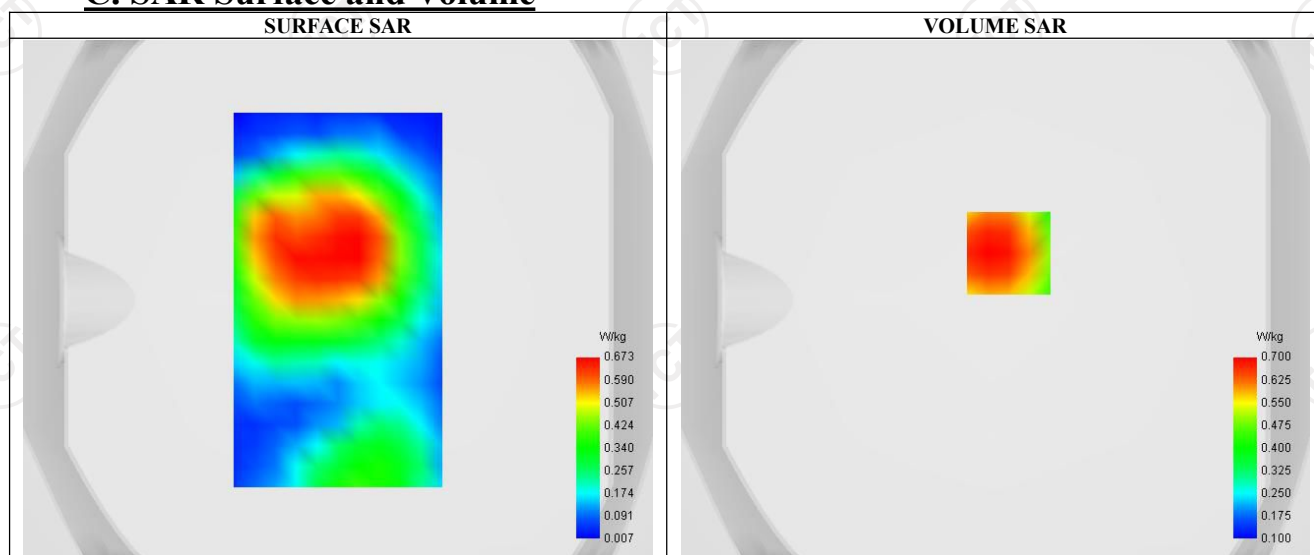
F. Experimental conditions.

Probe	SSE2 (SN 36/20 EPGO346)
ConvF	1.78
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 71
Channels	Lower (133222)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM – QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	673.000
Relative ermittivity (real part)	55.381
Relative ermittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume

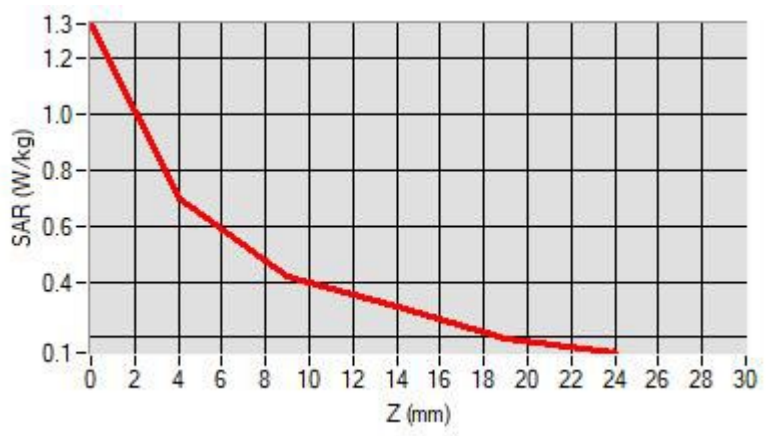


D. SAR 1g & 10g

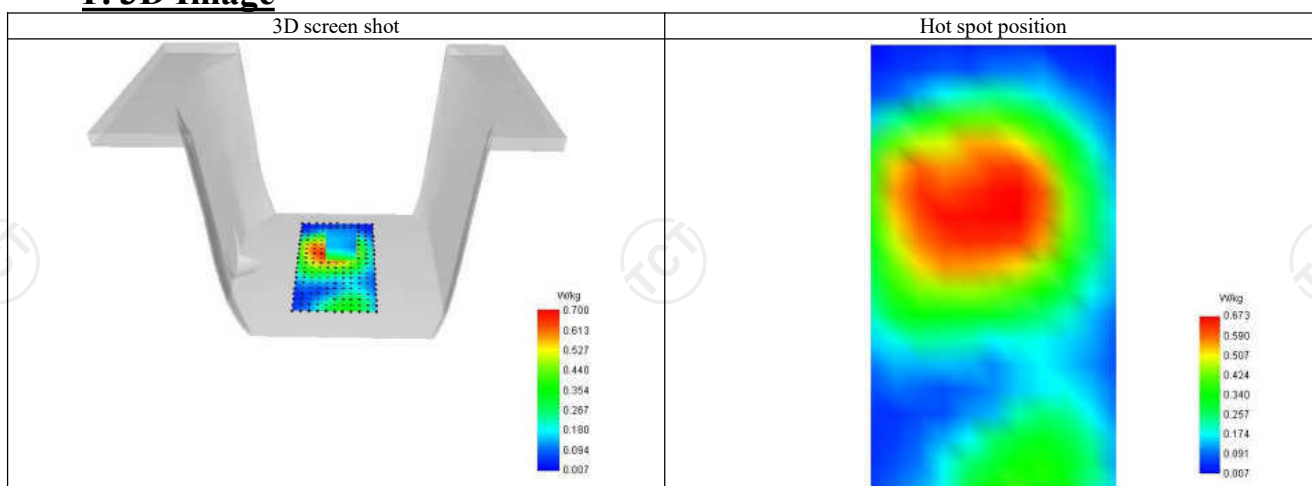
SAR 10g (W/Kg)	0.435
SAR 1g (W/Kg)	0.595
Variation (%)	1.294
Horizontal validation criteria : minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.323	0.700	0.418	0.309	0.197



F. 3D Image



LTE Band 71-Front-of-face

SAR Measurement at LTE band 71 (Body, Validation Plane)

Date of measurement: 26/9/2022

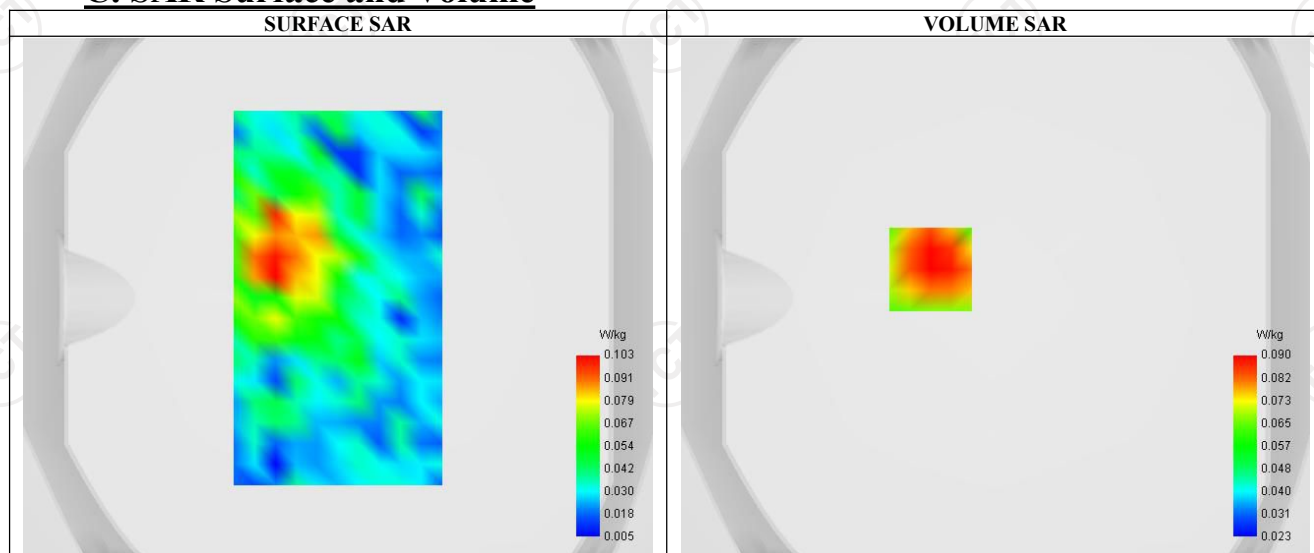
F. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.78
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 71
Channels	Lower (133222)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM – QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	673.000
Relative ermittivity (real part)	55.381
Relative ermittivity (imaginary part)	20.148
Conductivity (S/m)	0.921

C. SAR Surface and Volume



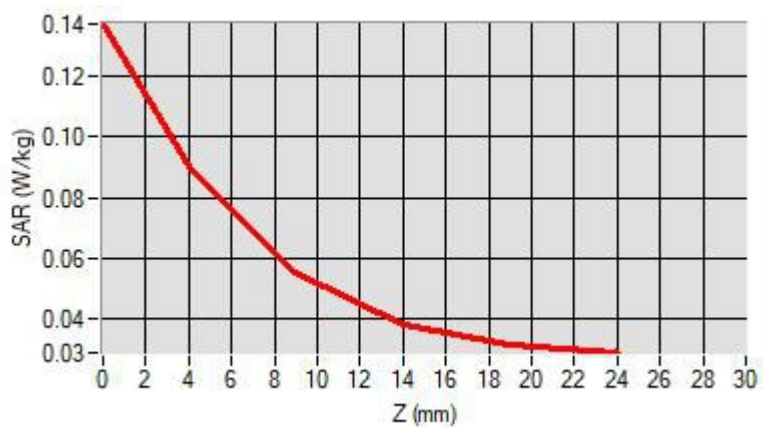
Maximum location: X=-25.00, Y=11.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

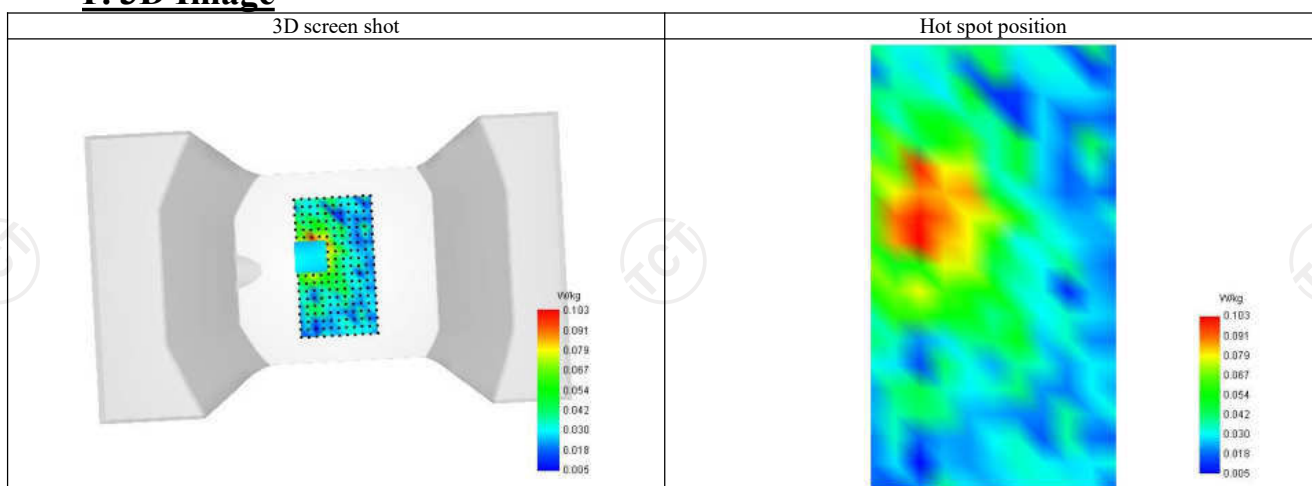
SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.084
Variation (%)	1.374
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.137	0.090	0.055	0.038	0.031



F. 3D Image



WIFI 2.4G-Body

SAR Measurement at IEEE 802.11b ISM (Body, Validation Plane)

Date of measurement: 28/9/2022

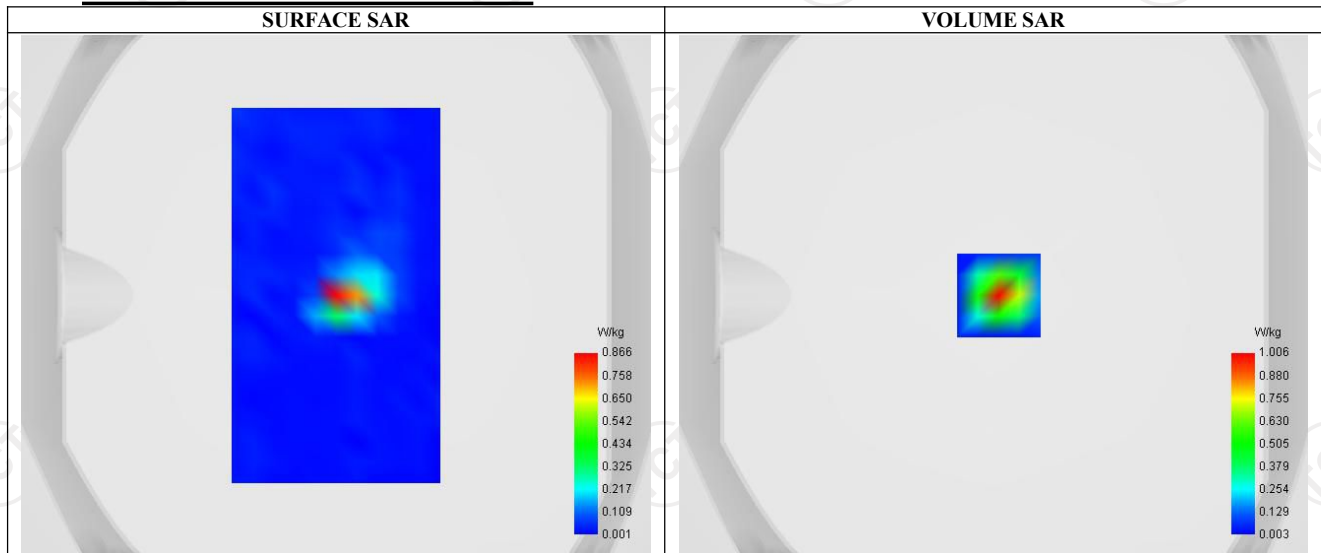
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.37
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Higher (11)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	2462.000
Relative permittivity (real part)	52.141
Relative permittivity (imaginary part)	14.275
Conductivity (S/m)	2.032

C. SAR Surface and Volume



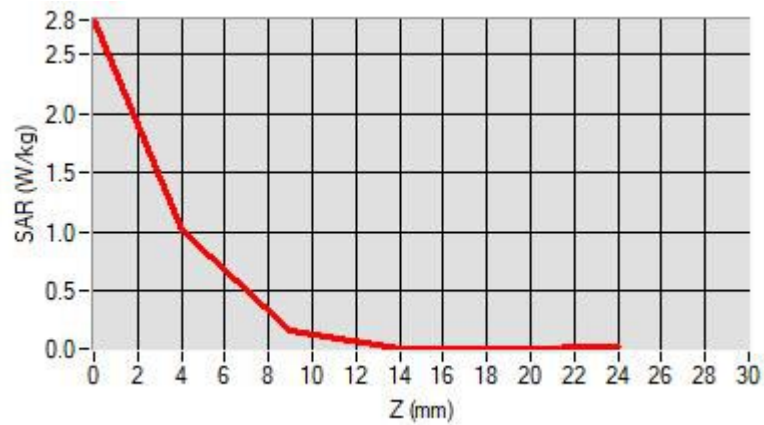
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 2.79 W/kg

D. SAR 1g & 10g

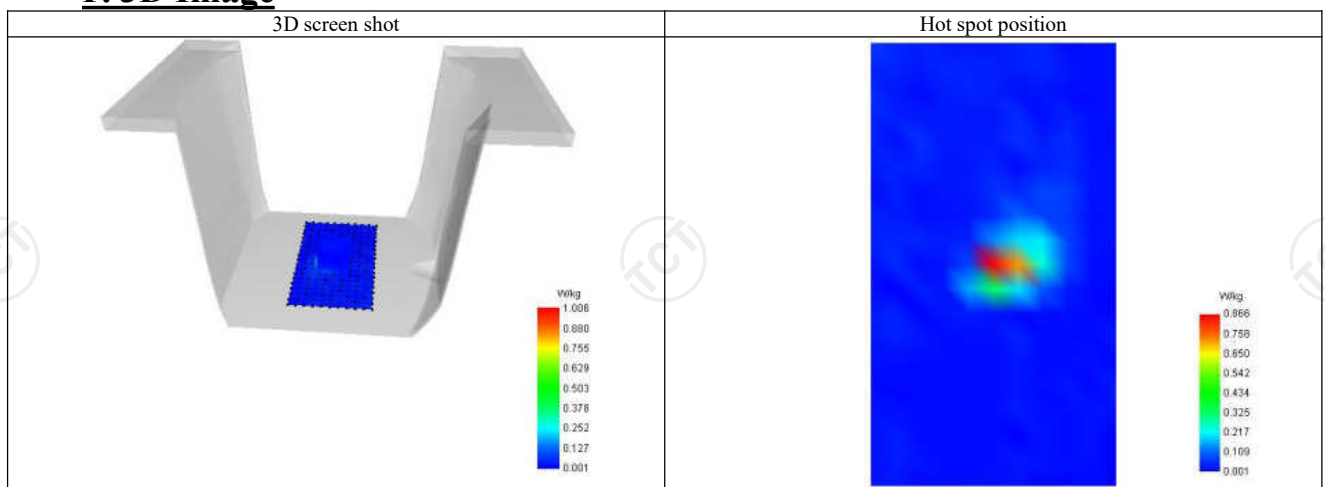
SAR 10g (W/Kg)	0.291
SAR 1g (W/Kg)	0.739
Variation (%)	0.995
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	2.797	1.006	0.168	0.013	0.006



F. 3D Image



WIFI 2.4G-Front-of-face

SAR Measurement at IEEE 802.11b ISM (Body, Validation Plane)

Date of measurement: 28/9/2022

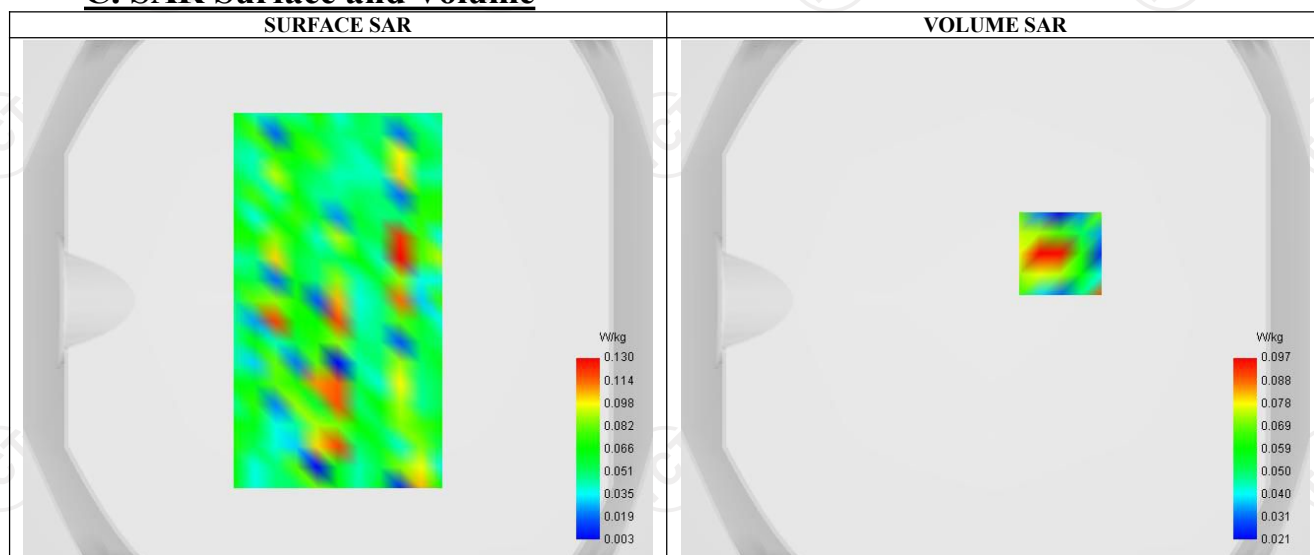
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.37
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Higher (11)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	2462.000
Relative permittivity (real part)	52.141
Relative permittivity (imaginary part)	14.275
Conductivity (S/m)	2.032

C. SAR Surface and Volume



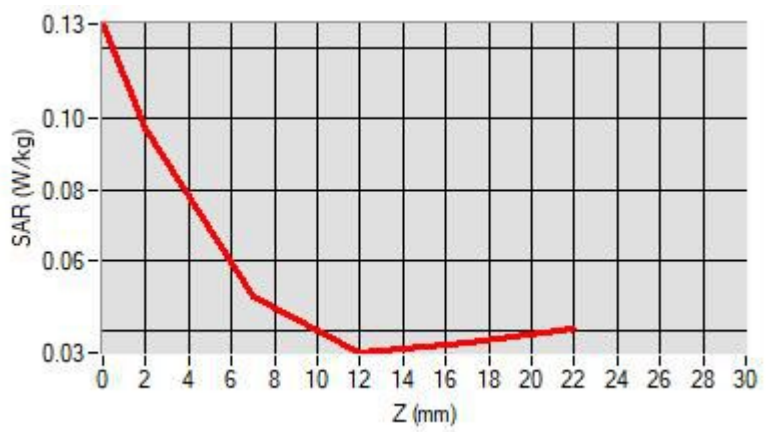
Maximum location: X=25.00, Y=18.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

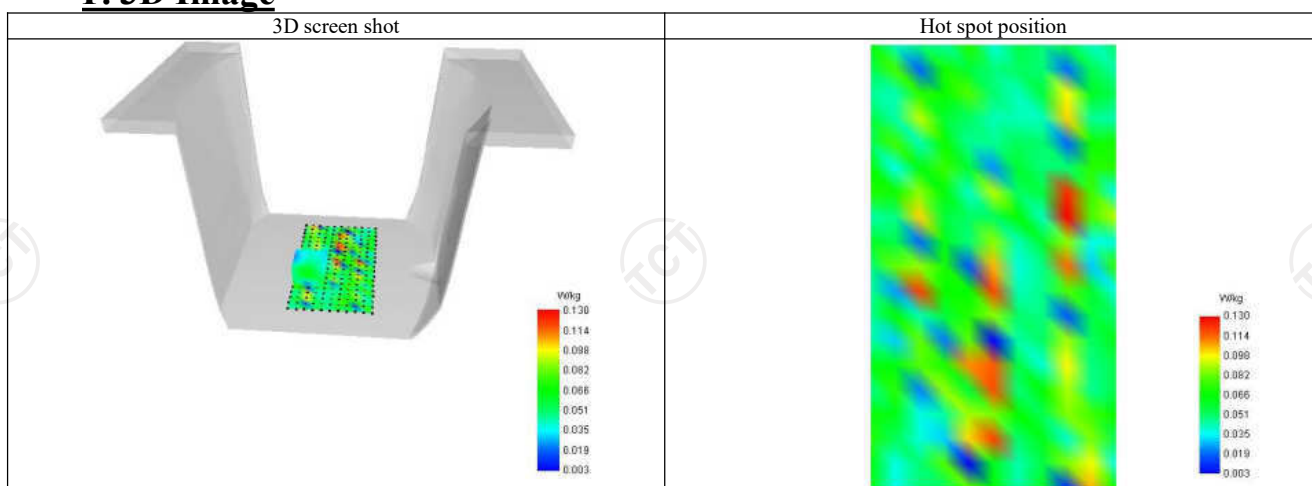
SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.088
Variation (%)	1.119
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.127	0.097	0.050	0.034	0.037



F. 3D Image



5G WIFI U-NII-1: Body

SAR Measurement at IEEE 802.11ac U-NII (Body, Validation Plane)

Date of measurement: 29/9/2022

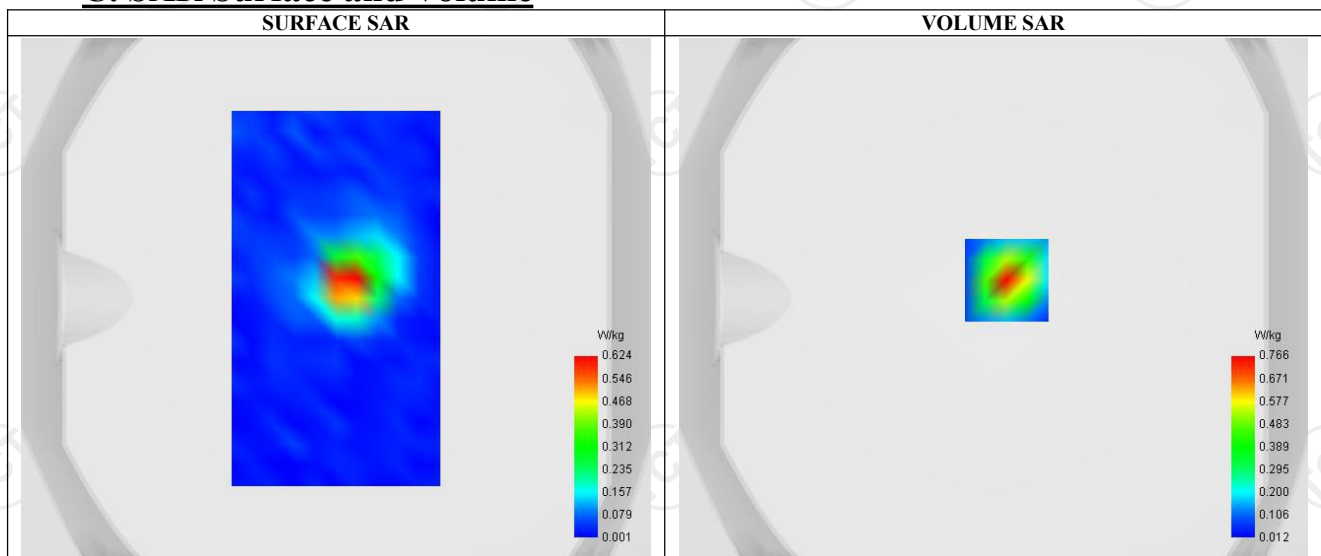
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.08
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Middle (42)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5210.000
Relative permittivity (real part)	49.522
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	5.439

C. SAR Surface and Volume



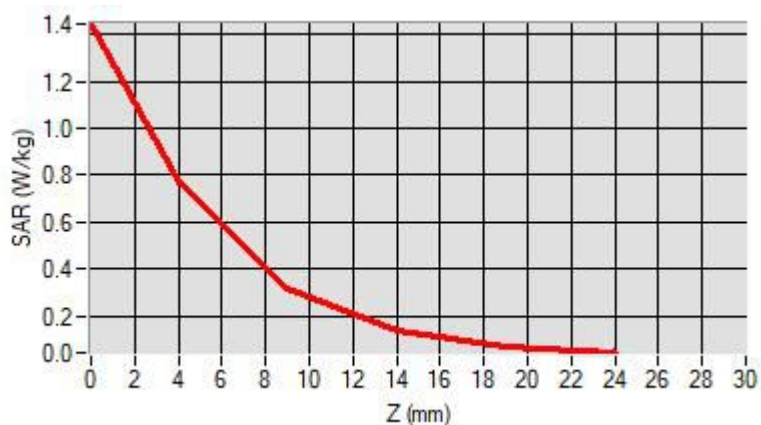
Maximum location: X=5.00, Y=7.00 ; SAR Peak: 1.45 W/kg

D. SAR 1g & 10g

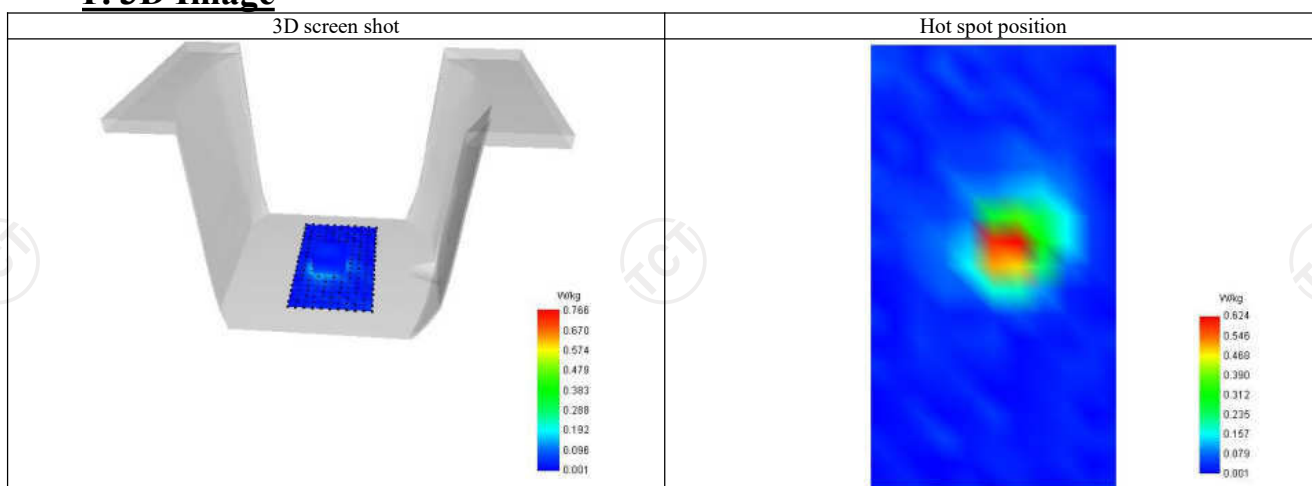
SAR 10g (W/Kg)	0.274
SAR 1g (W/Kg)	0.582
Variation (%)	-0.936
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.444	0.766	0.320	0.134	0.069



F. 3D Image



5G WIFI U-NII-1: Front-of-face

SAR Measurement at IEEE 802.11ac U-NII (Body, Validation Plane)

Date of measurement: 29/9/2022

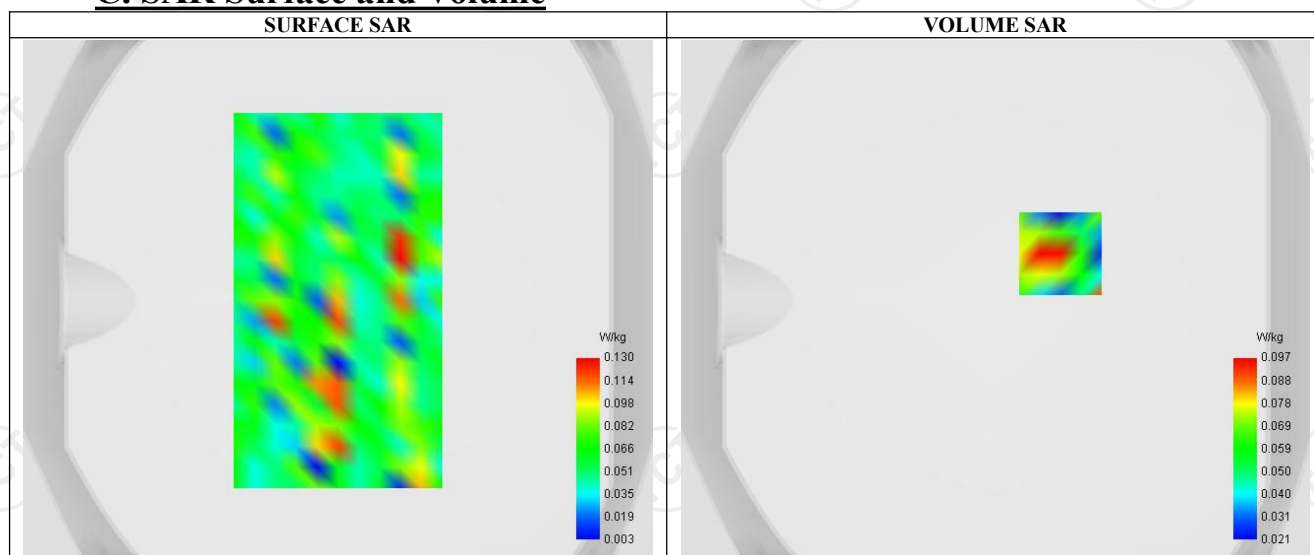
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.08
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Middle (42)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5210.000
Relative permittivity (real part)	49.522
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	5.439

C. SAR Surface and Volume

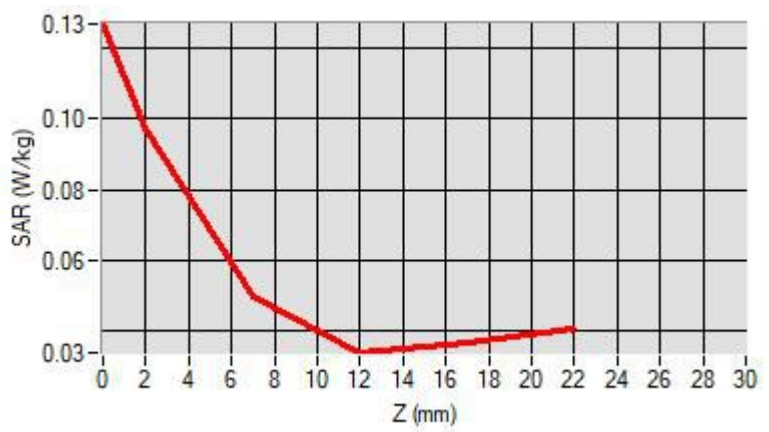


D. SAR 1g & 10g

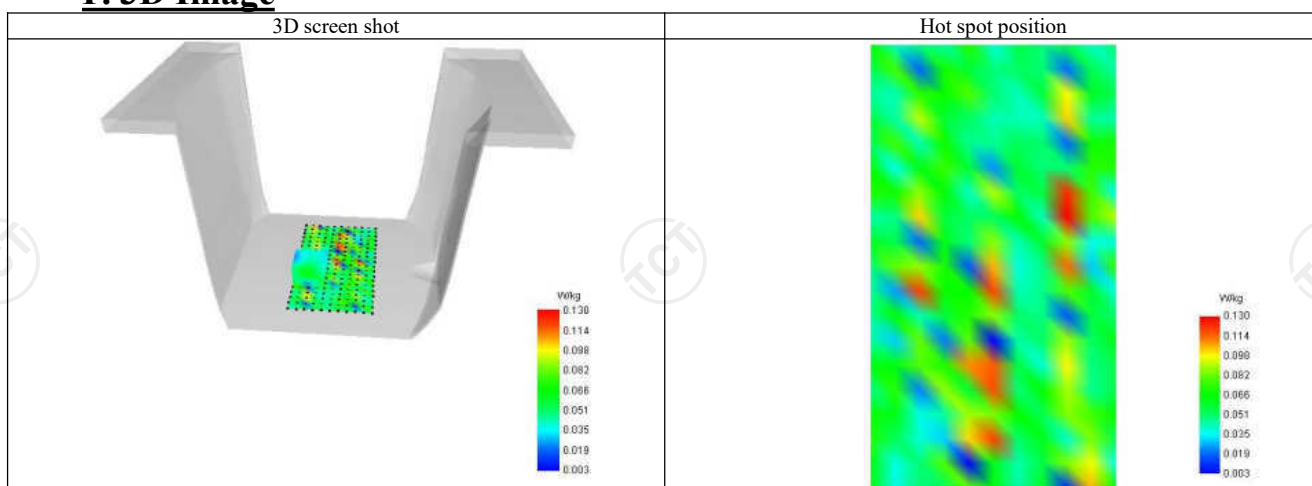
SAR 10g (W/Kg)	0.060
SAR 1g (W/Kg)	0.085
Variation (%)	-1.007
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.127	0.097	0.050	0.034	0.037



F. 3D Image



5G WIFI U-NII-2a: Body

SAR Measurement at IEEE 802.11a U-NII (Body, Validation Plane)

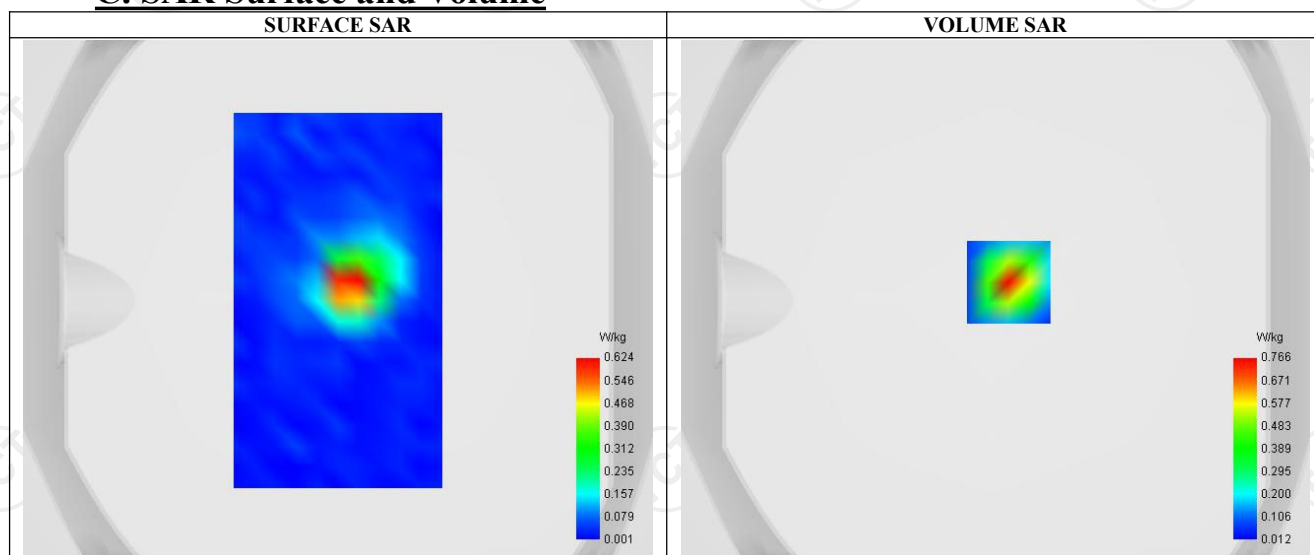
Date of measurement: 29/9/2022

A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.99
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a U-NII
Channels	Middle (60)
Signal	IEEE 802.11

B. Permittivity

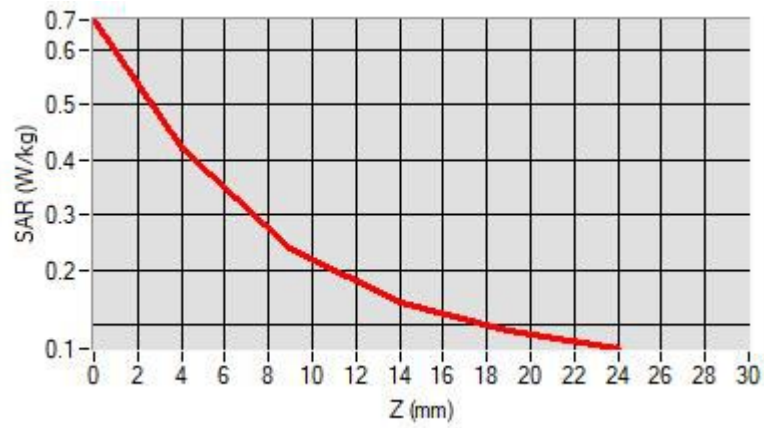
Frequency (MHz)	5300.000
Relative permittivity (real part)	49.013
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	5.460

C. SAR Surface and Volume**D. SAR 1g & 10g**

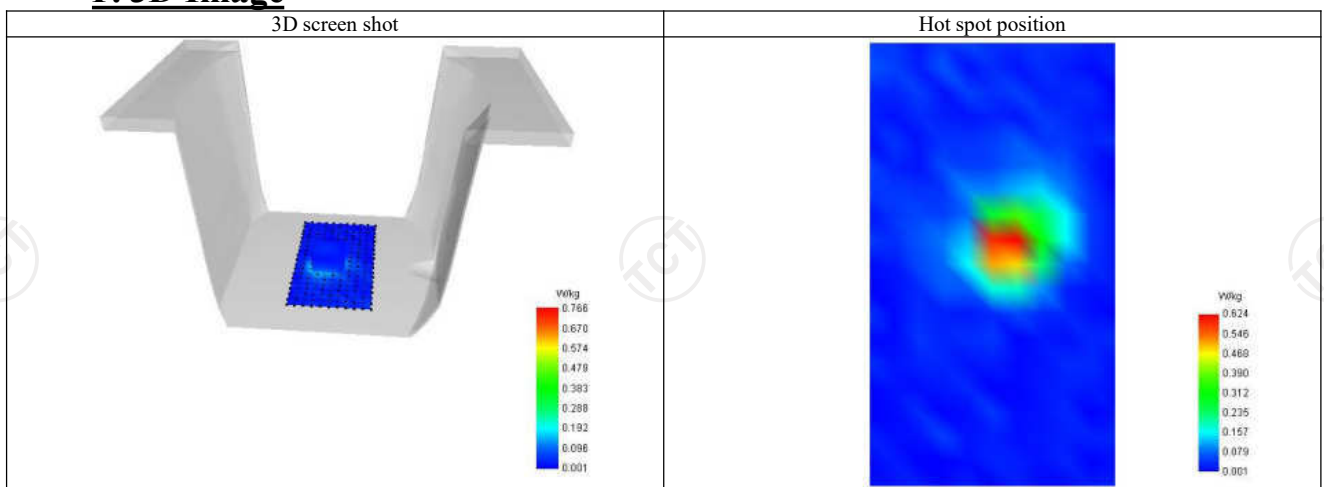
SAR 10g (W/Kg)	0.206
SAR 1g (W/Kg)	0.391
Variation (%)	-0.396
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.655	0.421	0.239	0.139	0.087



F. 3D Image



5G WIFI U-NII-2a: Front-of-face

SAR Measurement at IEEE 802.11a U-NII (Body, Validation Plane)

Date of measurement: 29/9/2022

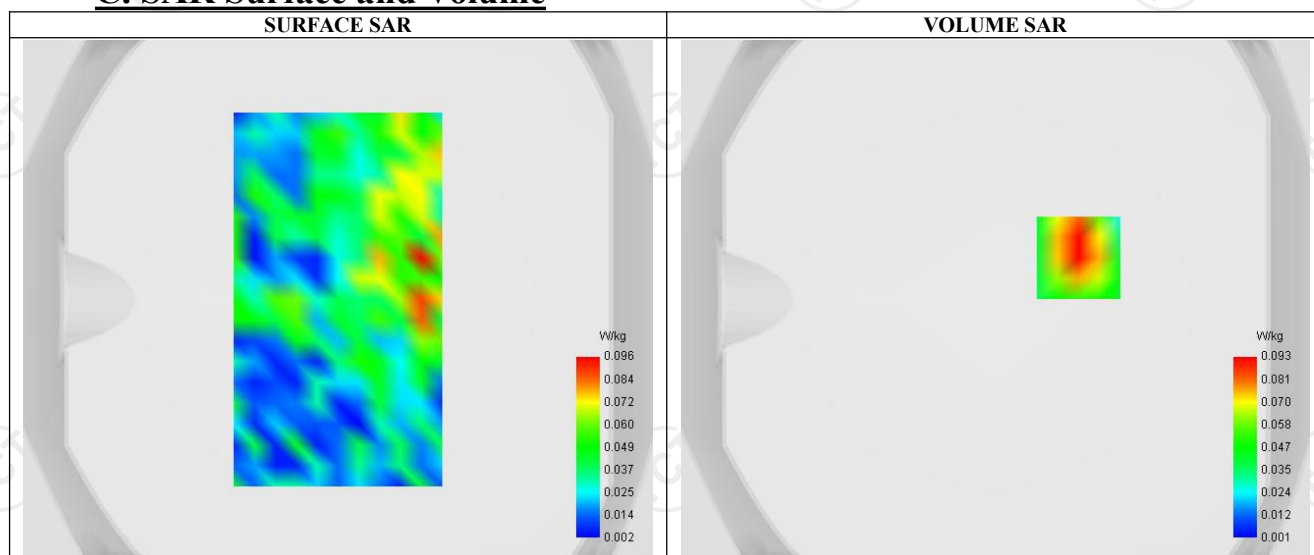
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	1.99
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a U-NII
Channels	Middle (60)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5300.000
Relative permittivity (real part)	49.013
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	5.460

C. SAR Surface and Volume

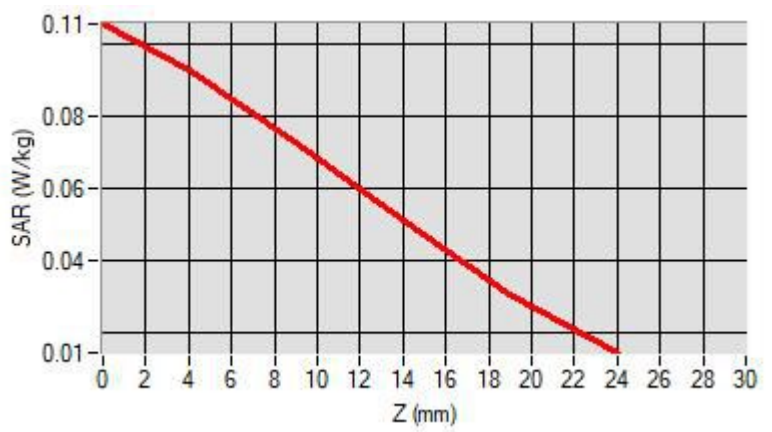


D. SAR 1g & 10g

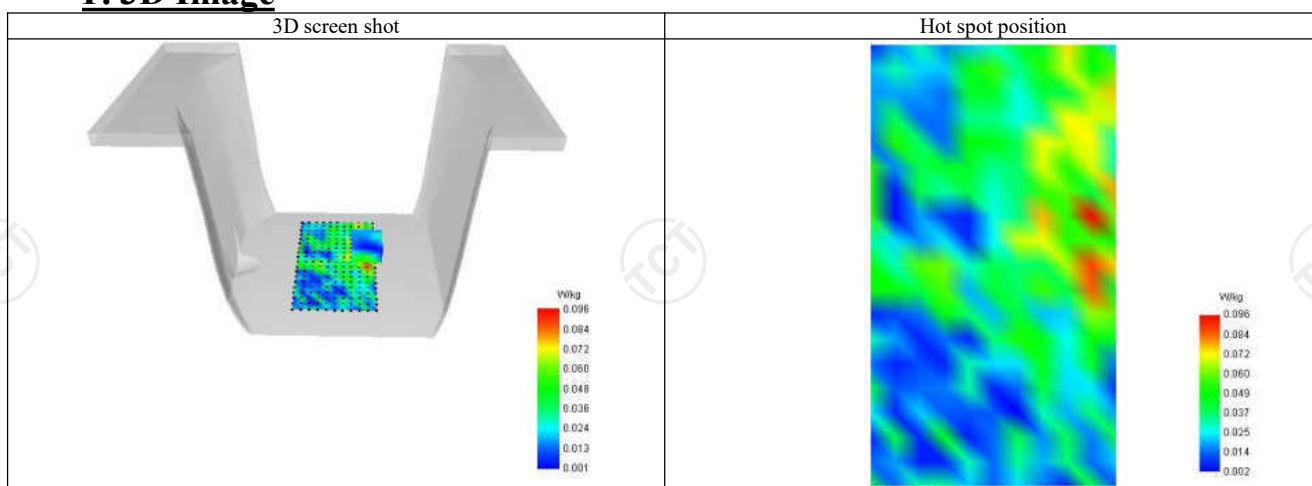
SAR 10g (W/Kg)	0.047
SAR 1g (W/Kg)	0.092
Variation (%)	-2.586
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.106	0.093	0.073	0.051	0.031



F. 3D Image



5G WIFI U-NII-2c: Body

SAR Measurement at IEEE 802.11a U-NII (Body, Validation Plane)

Date of measurement: 29/9/2022

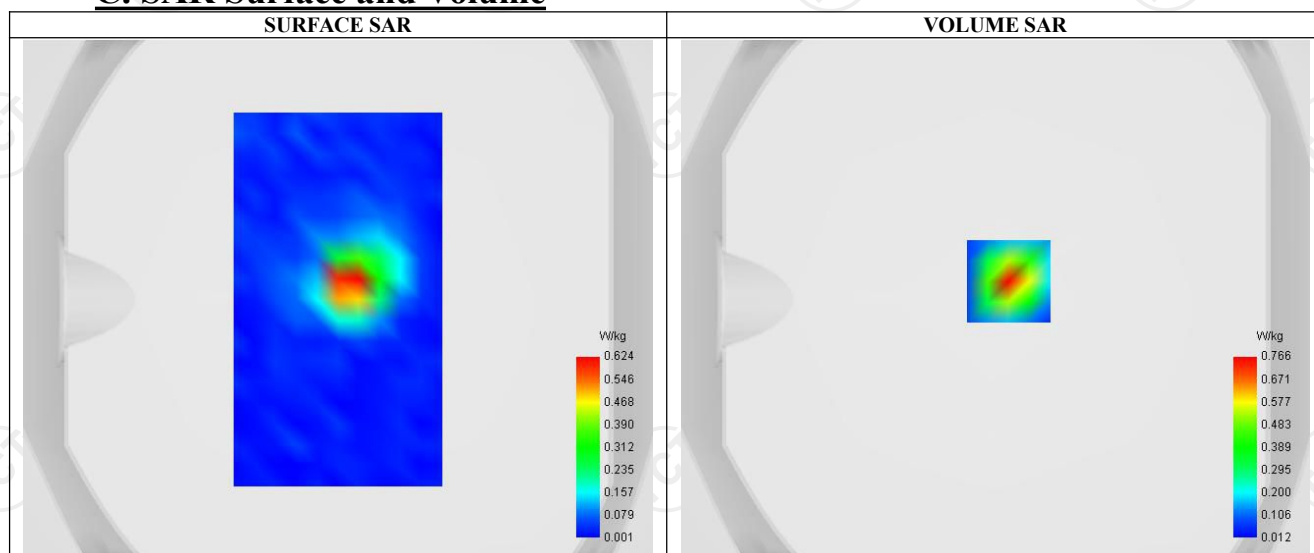
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.12
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a U-NII
Channels	Higher (140)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5700.000
Relative permittivity (real part)	47.805
Relative permittivity (imaginary part)	14.329
Conductivity (S/m)	5.530

C. SAR Surface and Volume



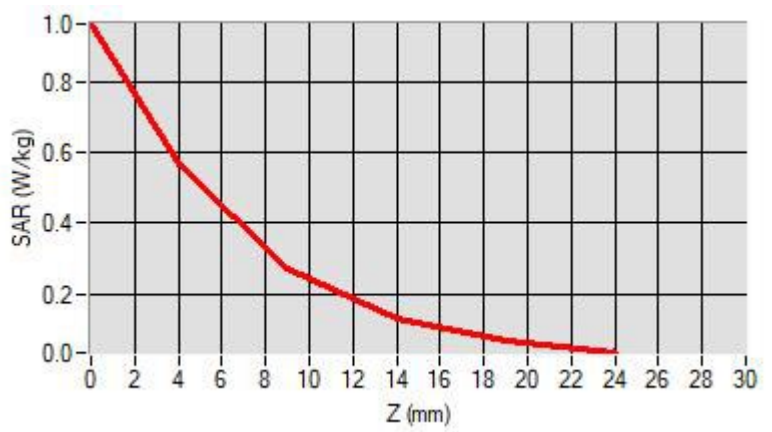
Maximum location: X=-13.00, Y=5.00 ; SAR Peak: 0.98 W/kg

D. SAR 1g & 10g

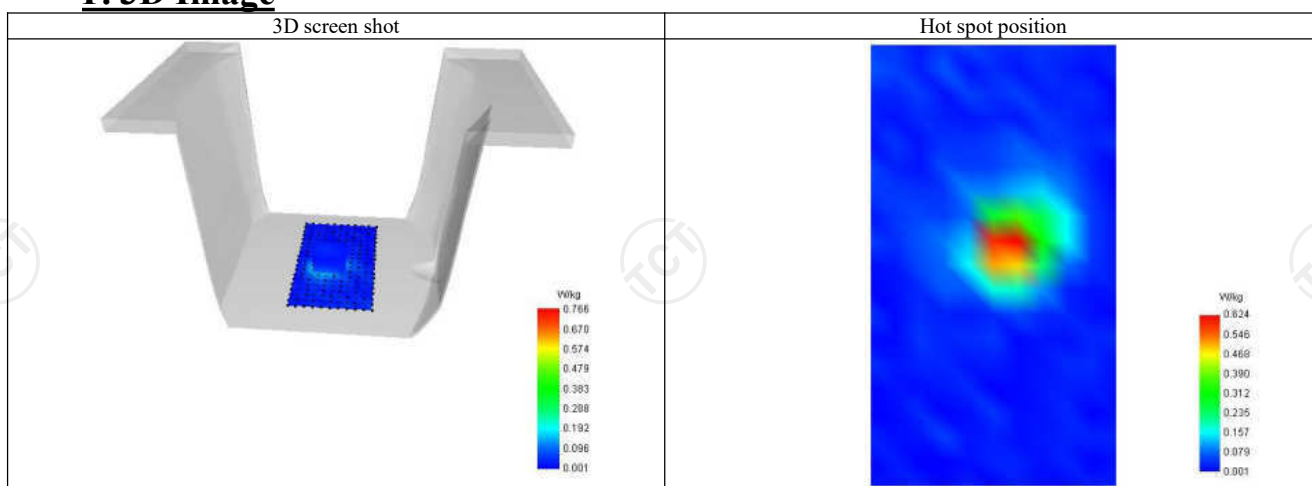
SAR 10g (W/Kg)	0.240
SAR 1g (W/Kg)	0.516
Variation (%)	-3.576
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.965	0.566	0.275	0.132	0.067



F. 3D Image



5G WIFI U-NII-2c: Front-of-face

SAR Measurement at IEEE 802.11a U-NII (Body, Validation Plane)

Date of measurement: 29/9/2022

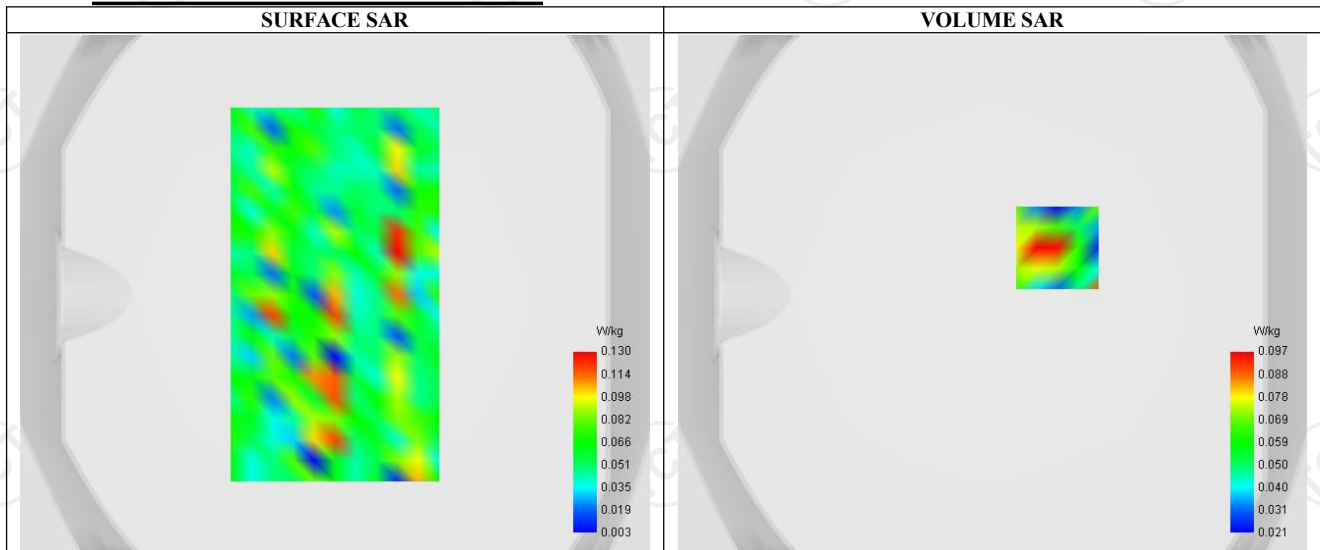
A. Experimental conditions.

Probe	SSE2 (SN 36/20 EPG0346)
ConvF	2.12
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a U-NII
Channels	Higher (140)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5700.000
Relative permittivity (real part)	47.805
Relative permittivity (imaginary part)	14.329
Conductivity (S/m)	5.530

C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.076
Variation (%)	1.544
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.127	0.097	0.050	0.034	0.037