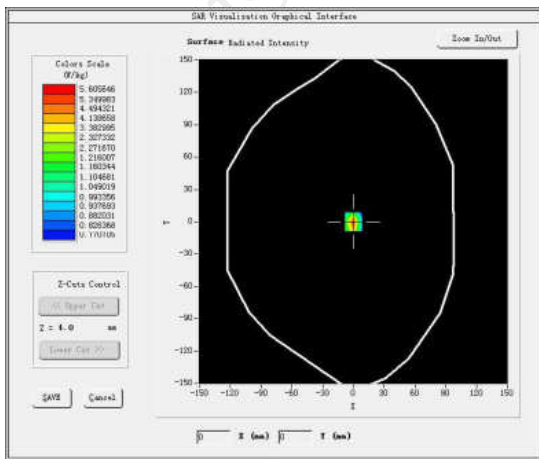


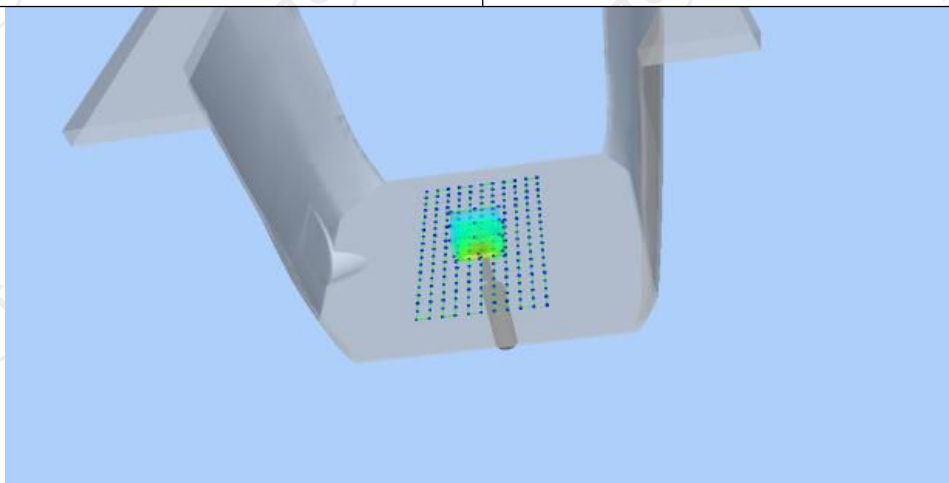
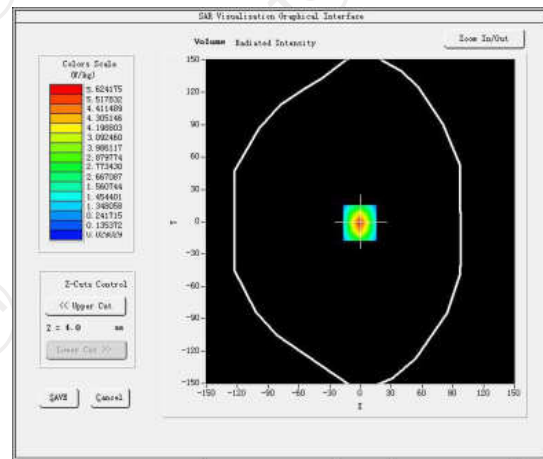
Date of measurement: 09/21/2022 Test mode: 2450MHz (Body)  
 Product Description: Validation  
 Dipole Model: SID2450  
 E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.37
Frequency (MHz)	2450.000000
Relative permittivity (real part)	51.921199
Relative permittivity (imaginary part)	14.930150
Conductivity (S/m)	2.012159
Variation (%)	-0.230000
<b>SAR 10g (W/Kg)</b>	<b>2.415669</b>
<b>SAR 1g (W/Kg)</b>	<b>5.070368</b>

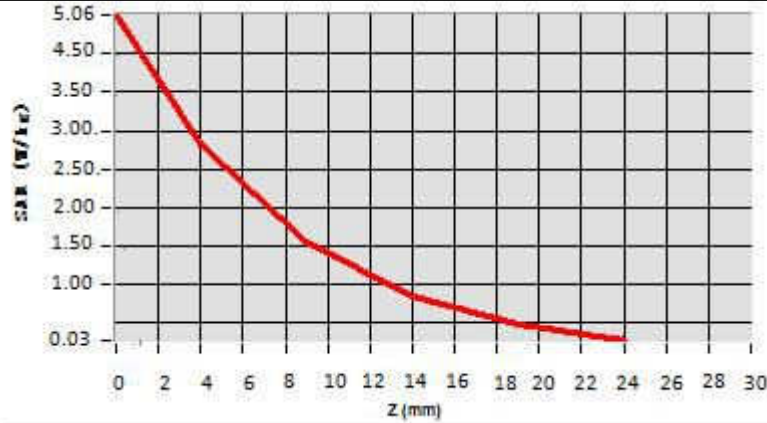
**SURFACE SAR**



**VOLUME SAR**



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.0622	2.7984	1.5251	0.8352	0.4200



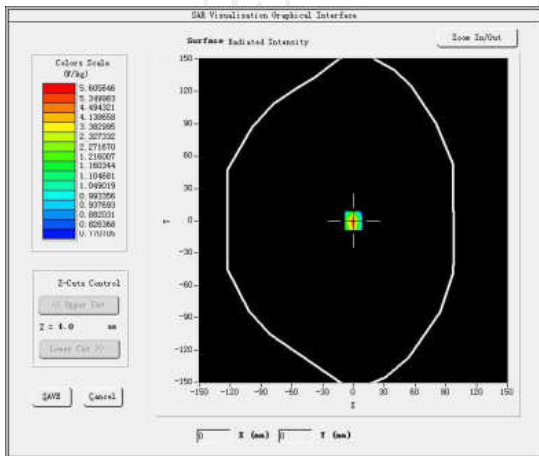
**Hot spot position**



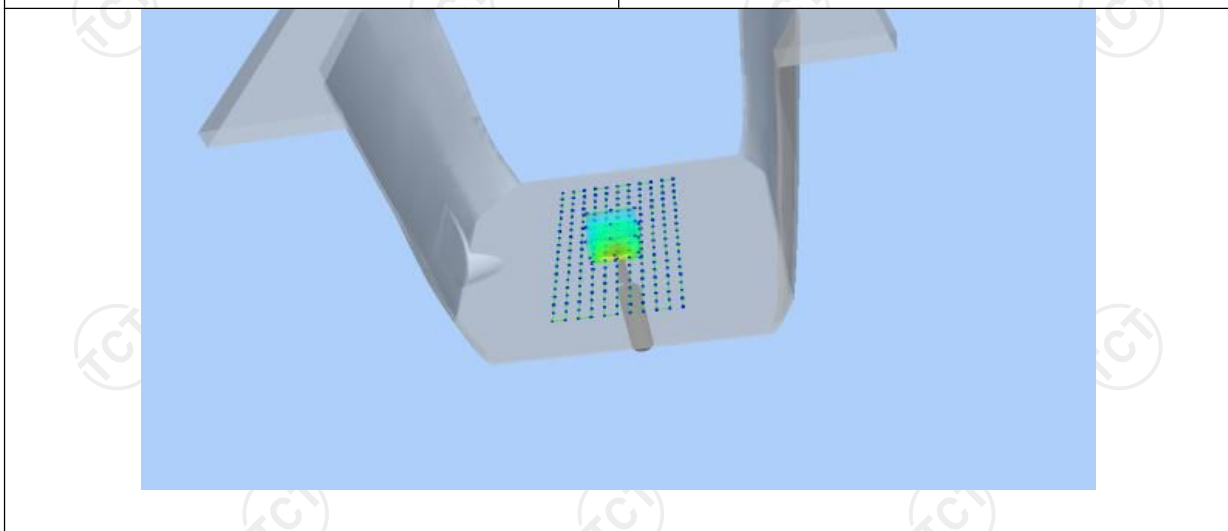
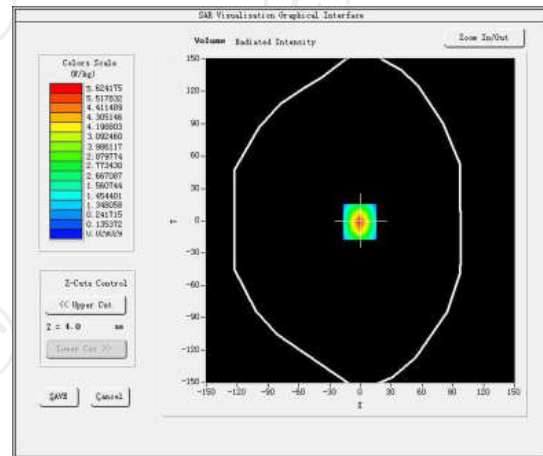
Date of measurement: 09/21/2022 Test mode: 2600MHz (Body)  
 Product Description: Validation  
 Dipole Model: SID2600  
 E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.23
Frequency (MHz)	2600.000000
Relative permittivity (real part)	51.830887
Relative permittivity (imaginary part)	14.935214
Conductivity (S/m)	2.134821
Variation (%)	-1.800000
<b>SAR 10g (W/Kg)</b>	<b>2.381277</b>
<b>SAR 1g (W/Kg)</b>	<b>5.365098</b>

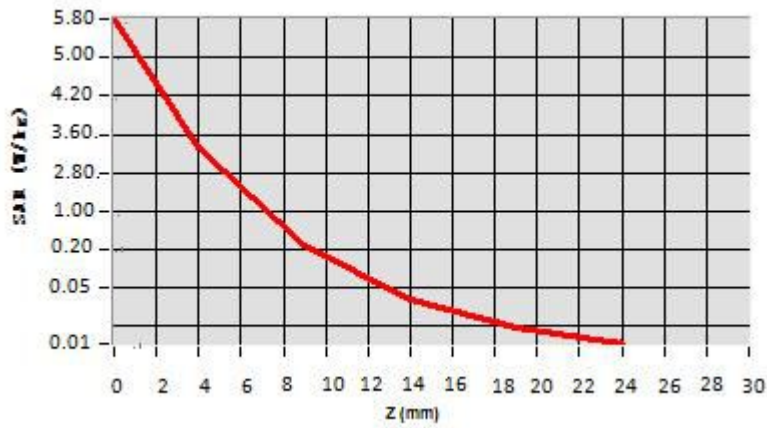
### SURFACE SAR



### 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**



Date of measurement: 09/22/2022 Test mode: 5200 (Body)

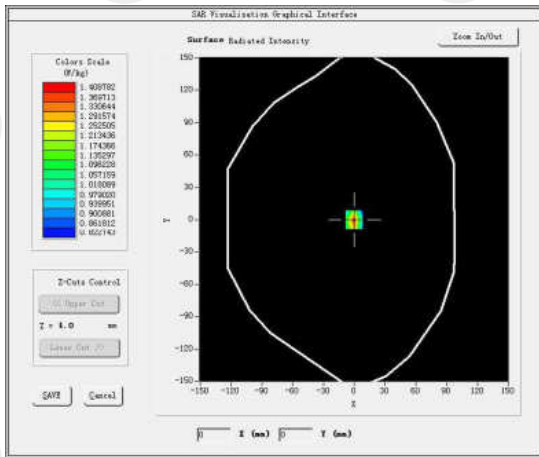
Product Description: Validation

Dipole Model: SID5000

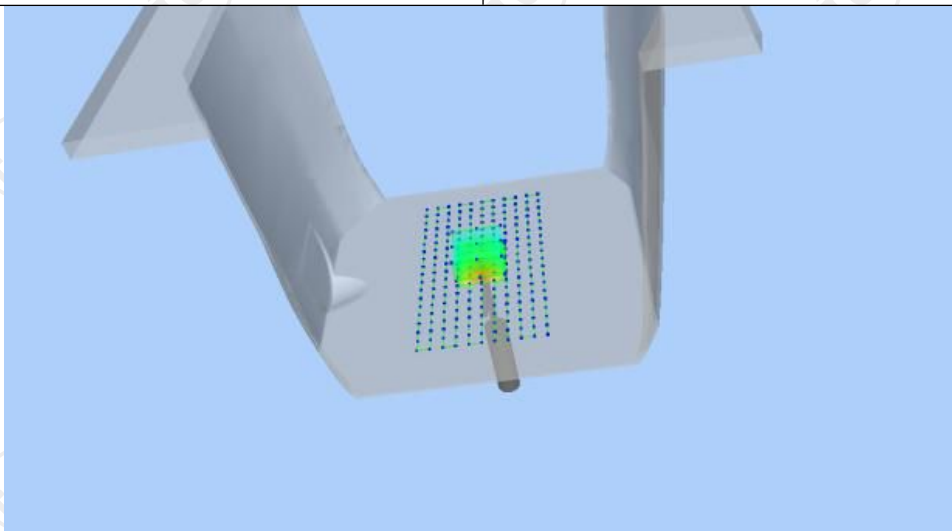
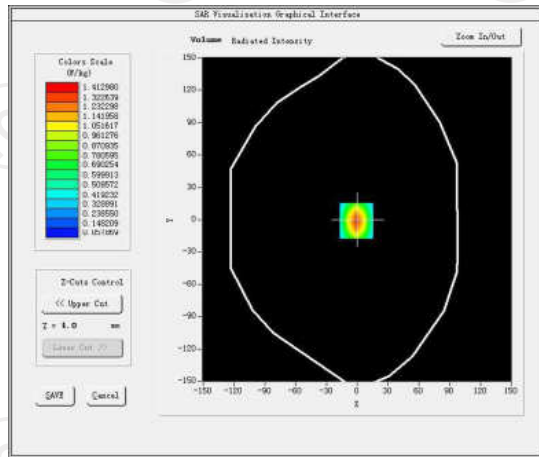
E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.08
Frequency (MHz)	5200.000000
Relative permittivity (real part)	49.522077
Relative permittivity (imaginary part)	21.378187
Conductivity (S/m)	5.403883
Variation (%)	-3.140000
<b>SAR 10g (W/Kg)</b>	<b>5.690123</b>
<b>SAR 1g (W/Kg)</b>	<b>15.901446</b>

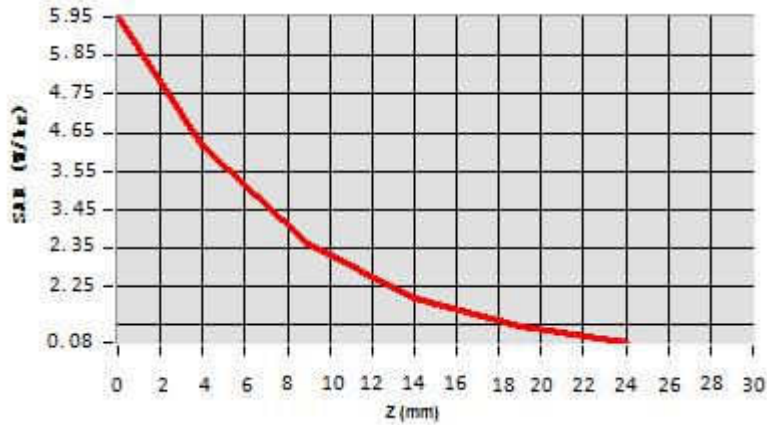
### SURFACE SAR



### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.9525	0.6022	0.3594	0.2202	0.0725



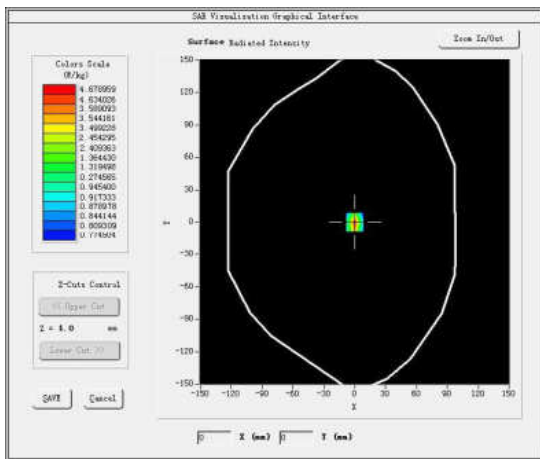
**Hot spot position**



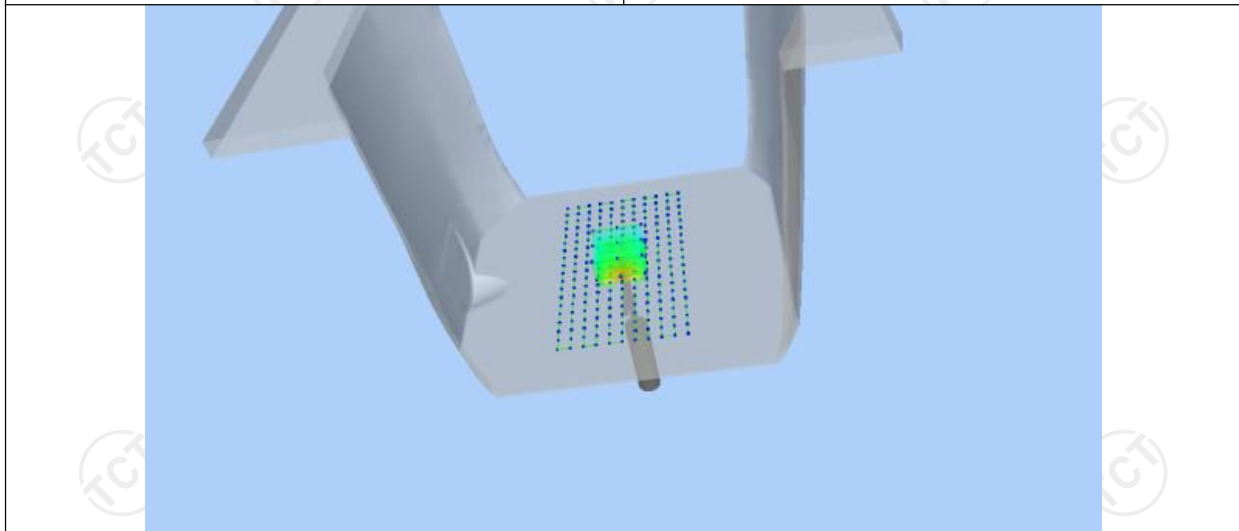
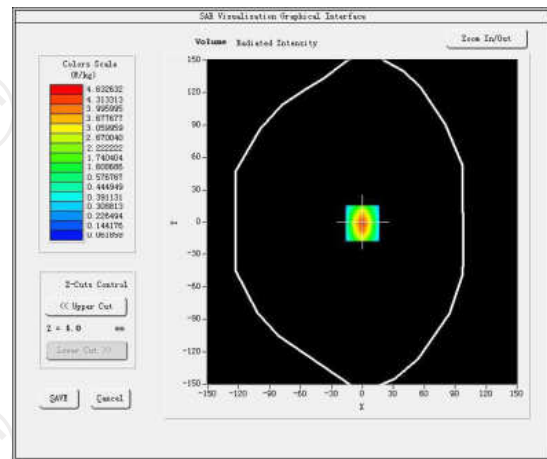
Date of measurement: 09/22/2022 Test mode: 5400MHz (Body)  
 Product Description: Validation  
 Dipole Model: SID5000  
 E-Field Probe: SSE2 (SN 36/20 EPG0346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.99
Frequency (MHz)	5400.000000
Relative permittivity (real part)	47.962699
Relative permittivity (imaginary part)	15.200000
Conductivity (S/m)	5.510000
Variation (%)	0.450000
<b>SAR 10g (W/Kg)</b>	<b>5.843387</b>
<b>SAR 1g (W/Kg)</b>	<b>16.640247</b>

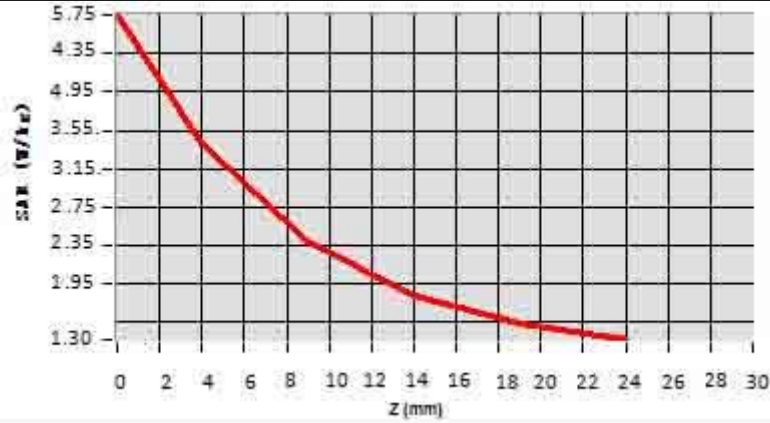
### SURFACE SAR



### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.7545	2.4524	1.3520	0.8214	0.5525



**Hot spot position**

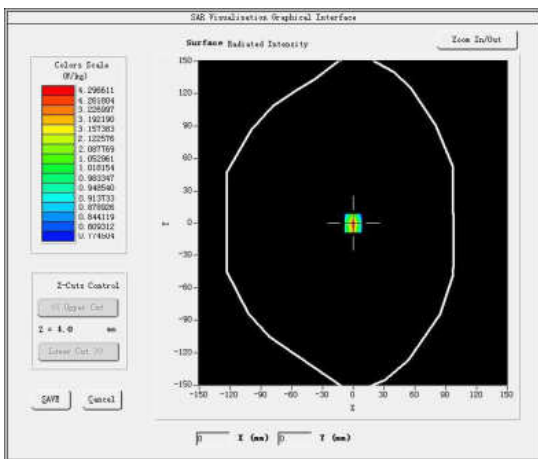




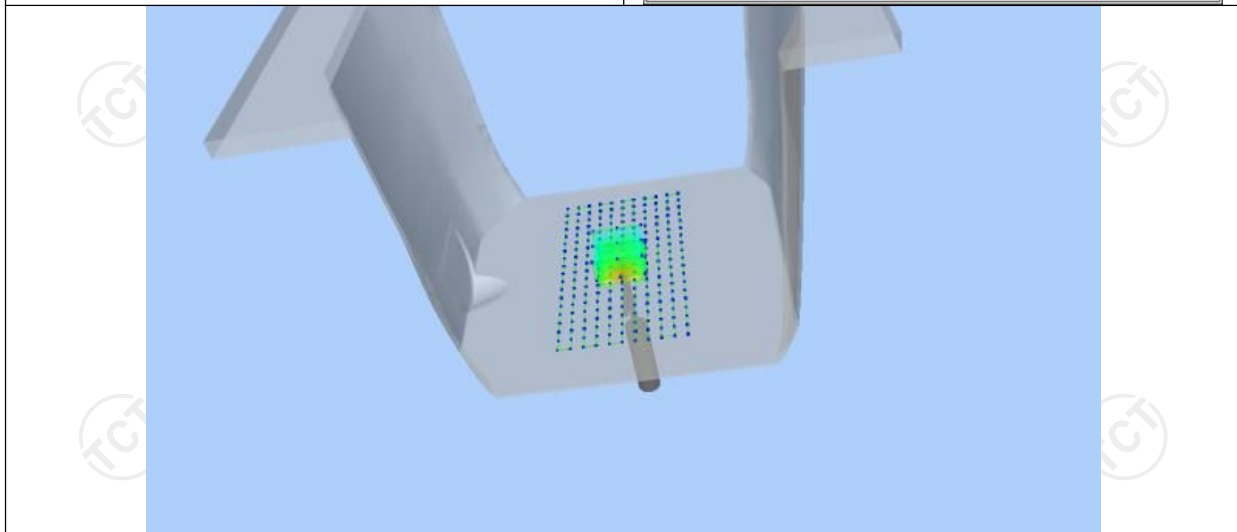
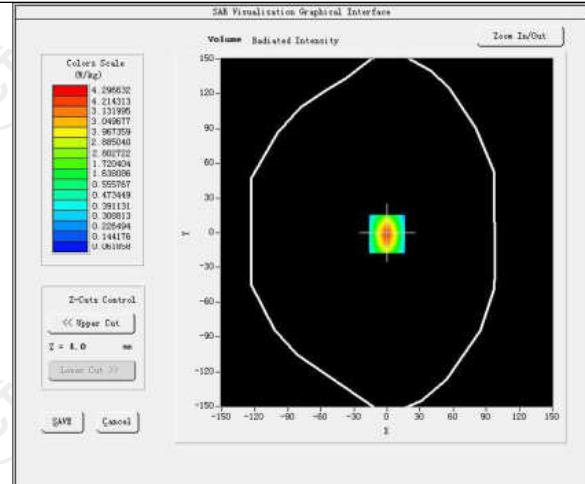
Date of measurement: 09/22/2022 Test mode: 5600MHz (Body)  
 Product Description: Validation  
 Dipole Model: SID5000  
 E-Field Probe: SSE2 (SN 36/20 EPG0346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.12
Frequency (MHz)	5600.000000
Relative permittivity (real part)	49.759999
Relative permittivity (imaginary part)	14.329440
Conductivity (S/m)	5.970354
Variation (%)	1.410000
<b>SAR 10g (W/Kg)</b>	<b>5.997255</b>
<b>SAR 1g (W/Kg)</b>	<b>17.380112</b>

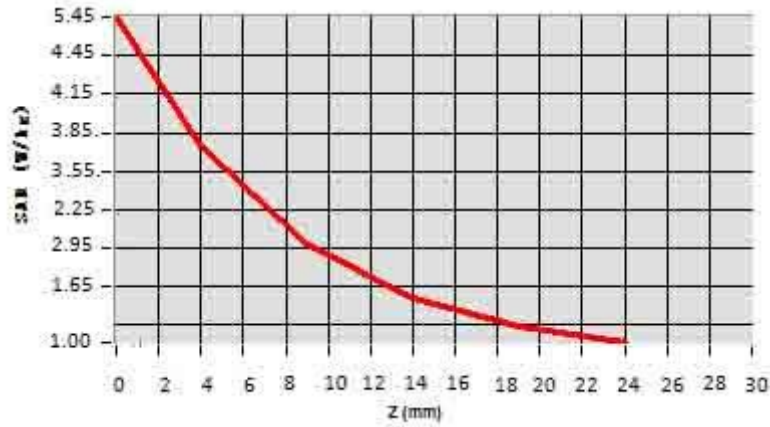
**SURFACE SAR**



**VOLUME SAR**



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



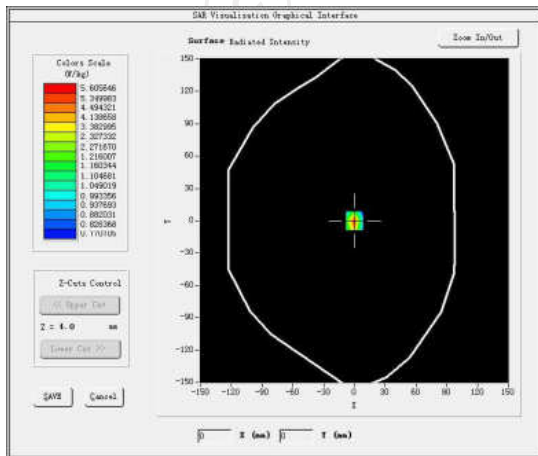
Hot spot position



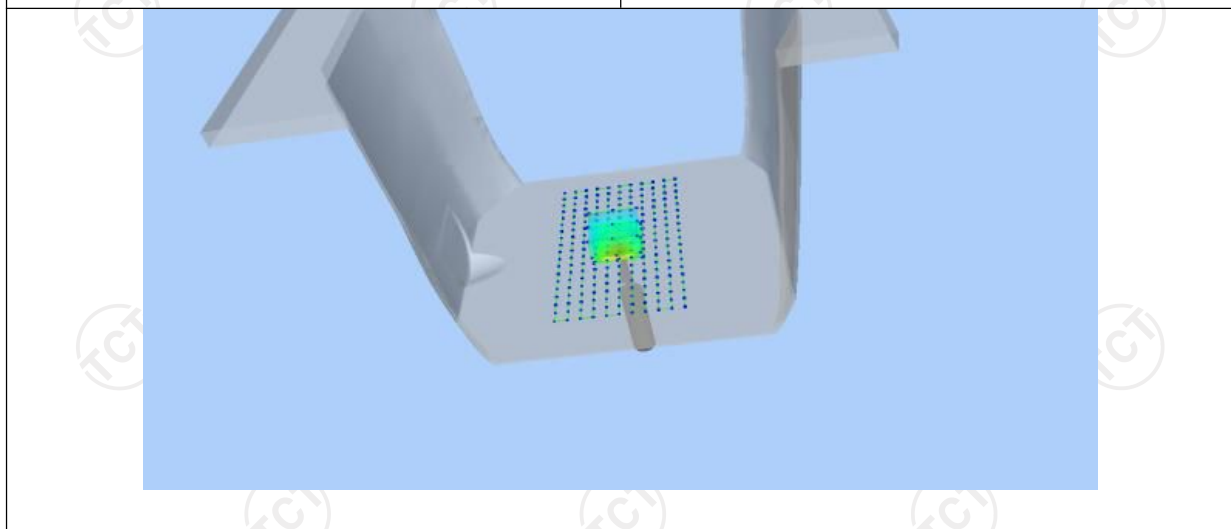
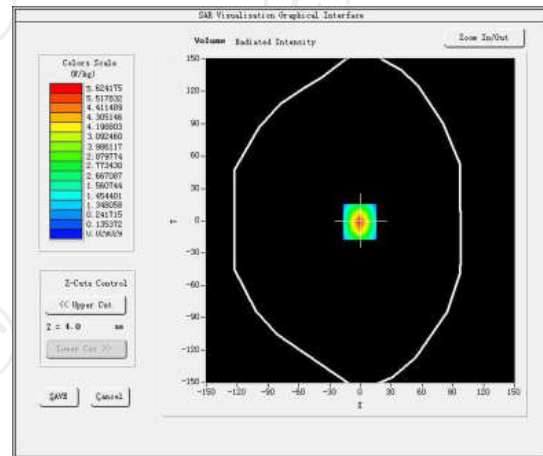
Date of measurement: 09/22/2022 Test mode: 5800MHz (Body)  
 Product Description: Validation  
 Dipole Model: SID5000  
 E-Field Probe: SSE2 (SN 36/20 EPGO346)

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
<b>SAR 10g (W/Kg)</b>	<b>6.150177</b>
<b>SAR 1g (W/Kg)</b>	<b>18.124098</b>

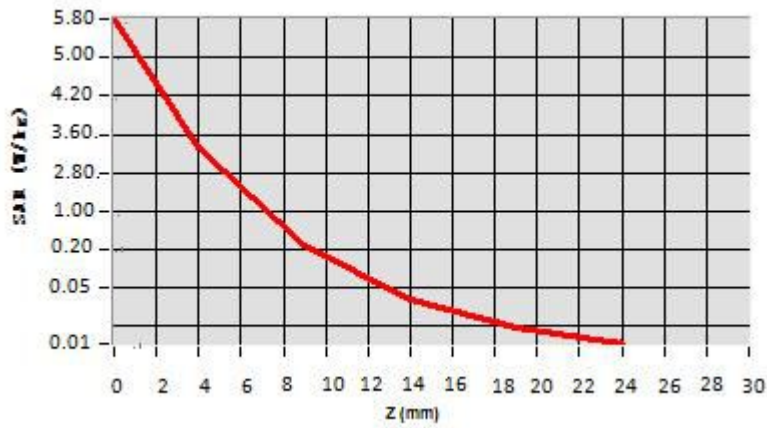
### SURFACE SAR



### 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: 20/9/2022

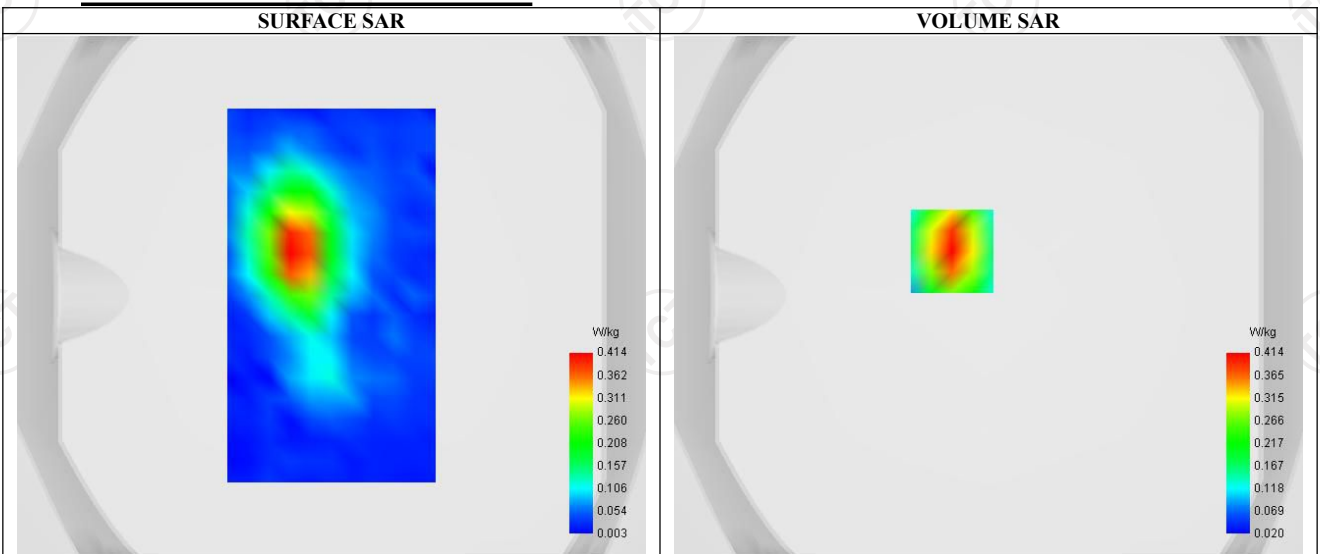
#### A. Experimental conditions.

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



Maximum location: X=-14.00, Y=17.00 ; SAR Peak: 0.60 W/kg

#### D. SAR 1g & 10g

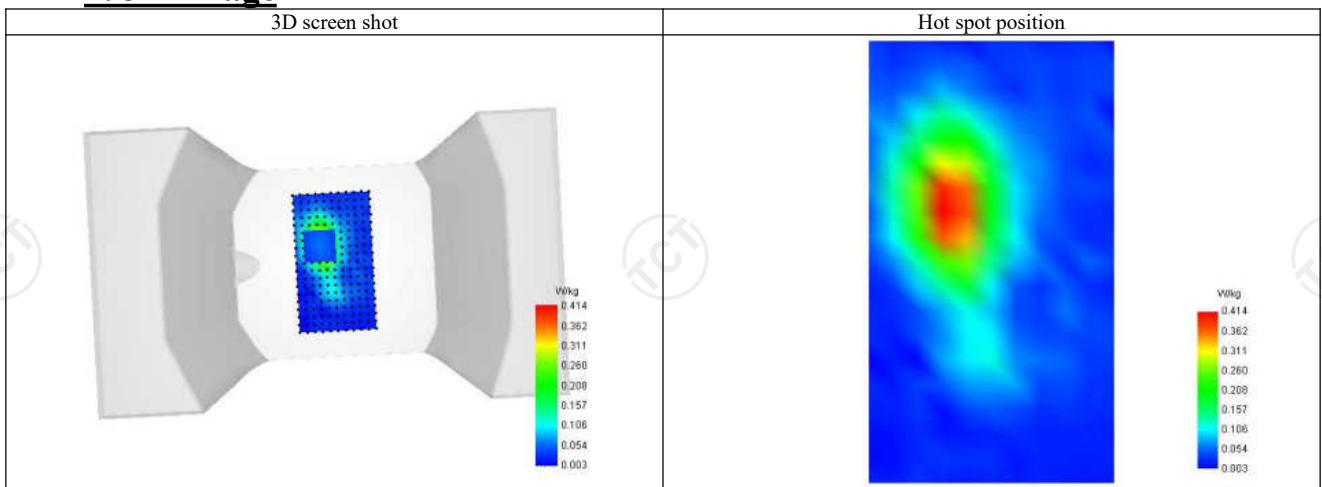
SAR 10g (W/Kg)	0.208
SAR 1g (W/Kg)	0.375
Variation (%)	1.192
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

#### 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: 20/9/2022

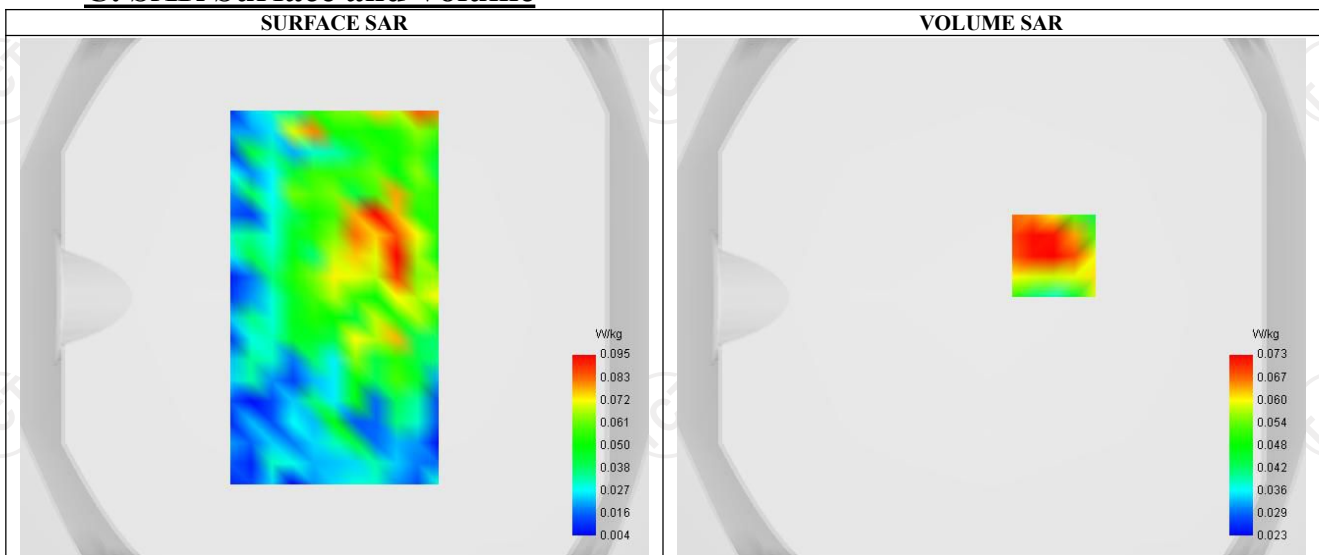
**A. Experimental conditions.**

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	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**



Maximum location: X=24.00, Y=16.00 ; SAR Peak: 0.10 W/kg

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.048
SAR 1g (W/Kg)	0.064
Variation (%)	1.996
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

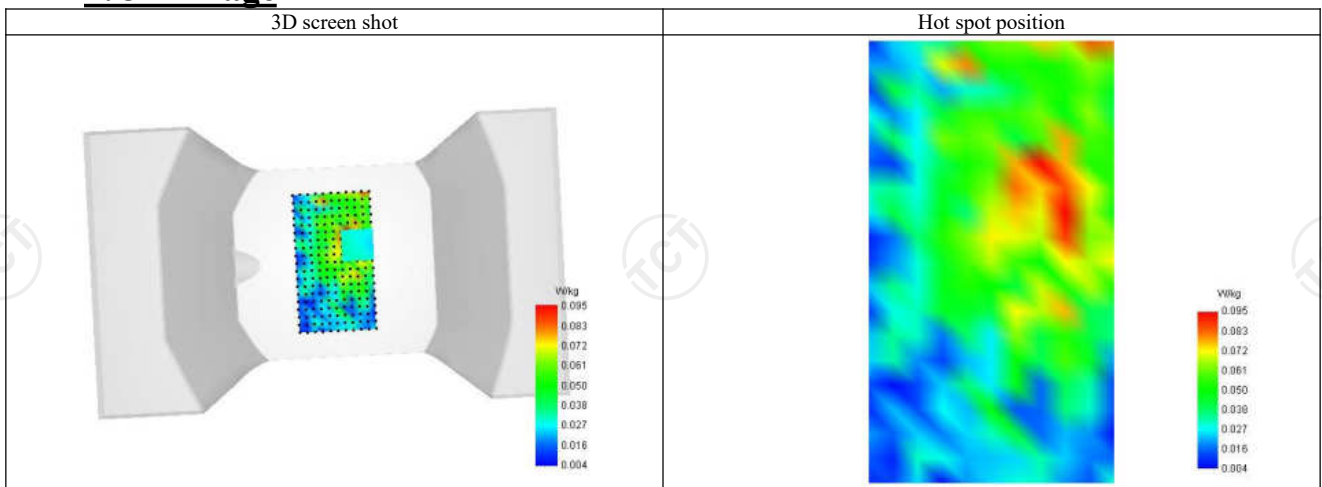
**E. Z Axis Scan**

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: 20/9/2022

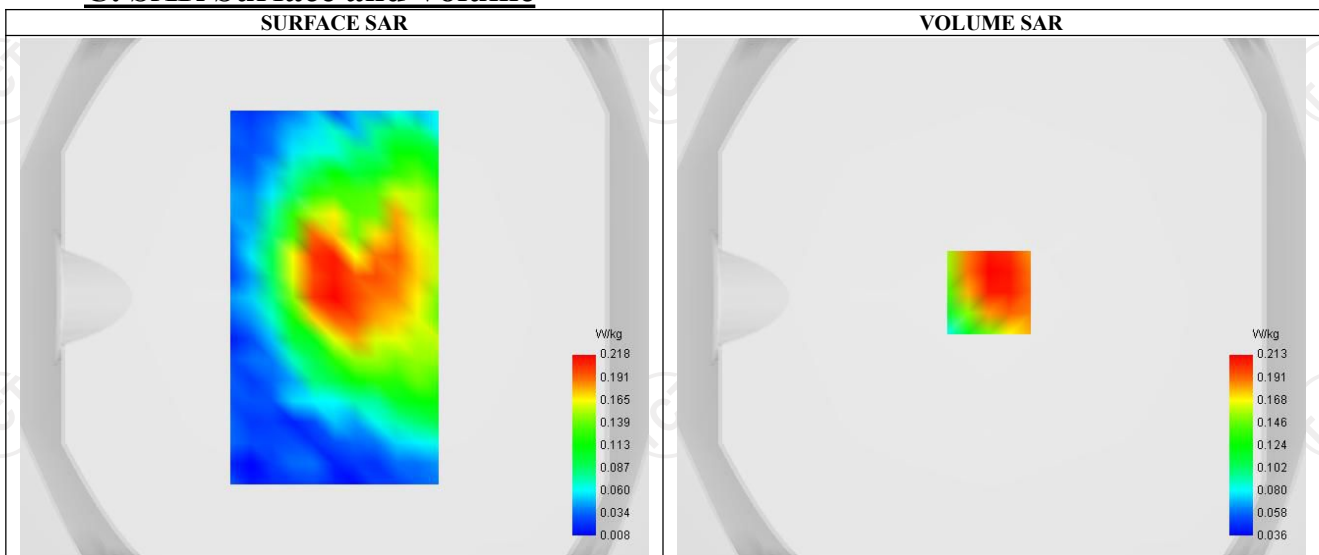
**A. Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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**

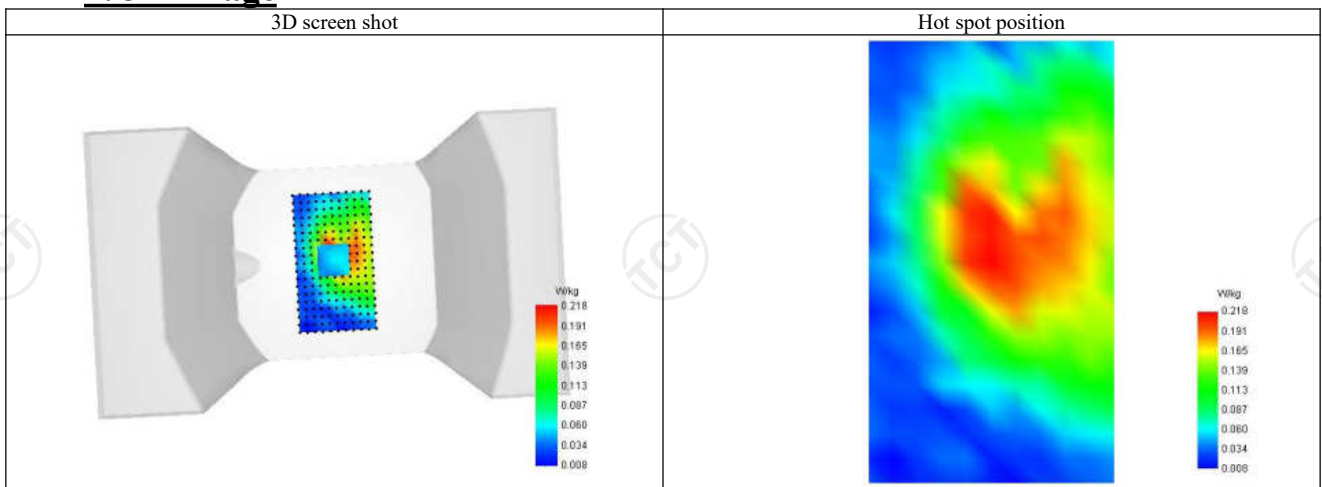
SAR 10g (W/Kg)	0.176
SAR 1g (W/Kg)	0.247
Variation (%)	-1.113
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 20/9/2022

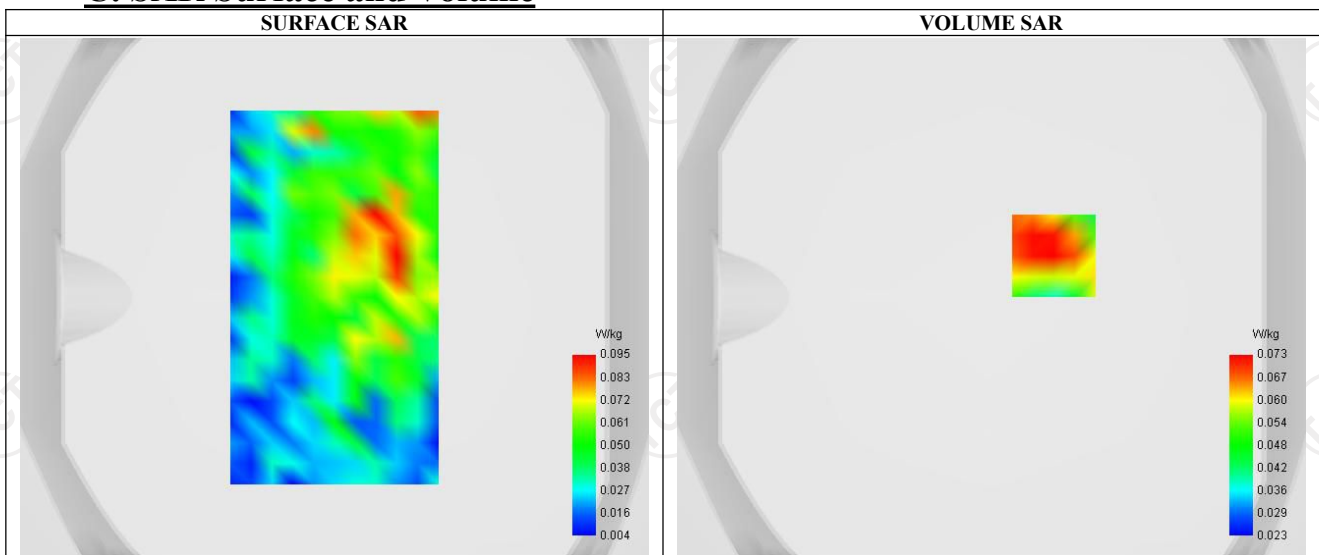
**A. Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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**



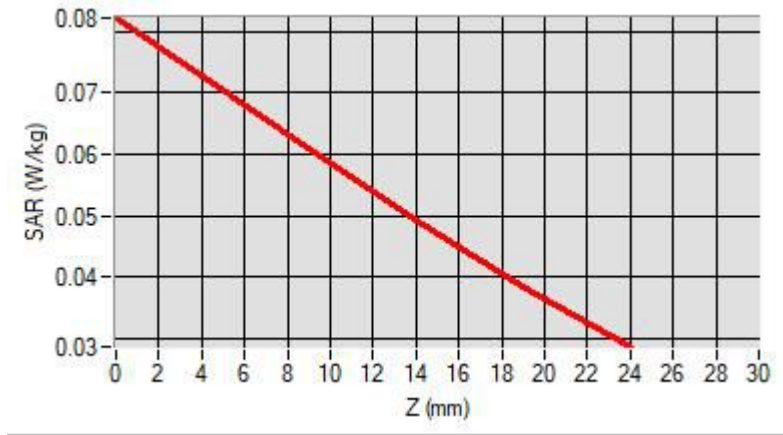
Maximum location: X=24.00, Y=16.00 ; SAR Peak: 0.10 W/kg

**D. SAR 1g & 10g**

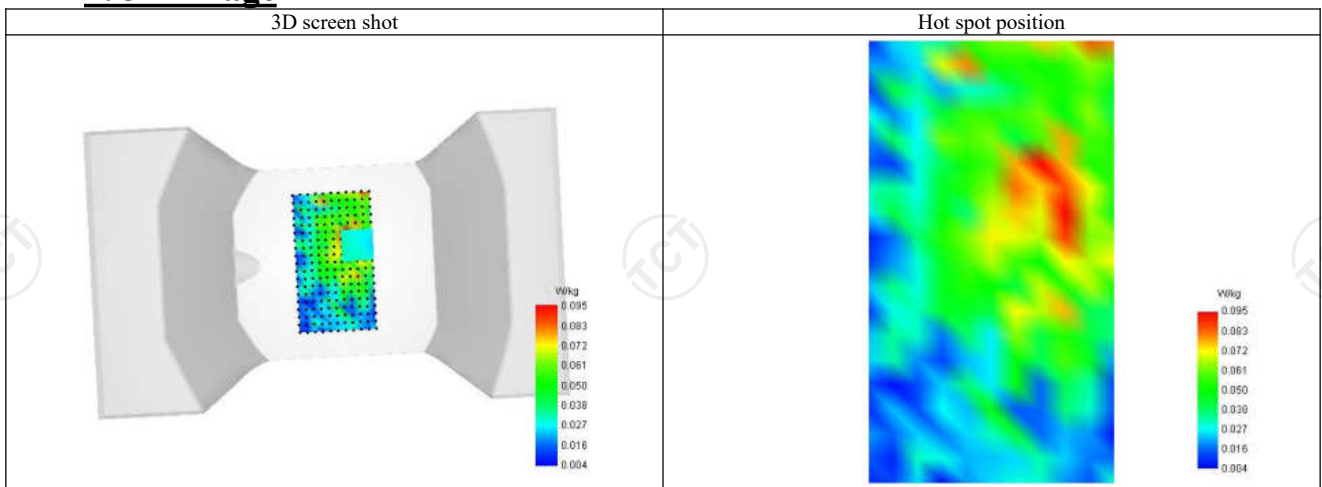
SAR 10g (W/Kg)	0.041
SAR 1g (W/Kg)	0.057
Variation (%)	1.014
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

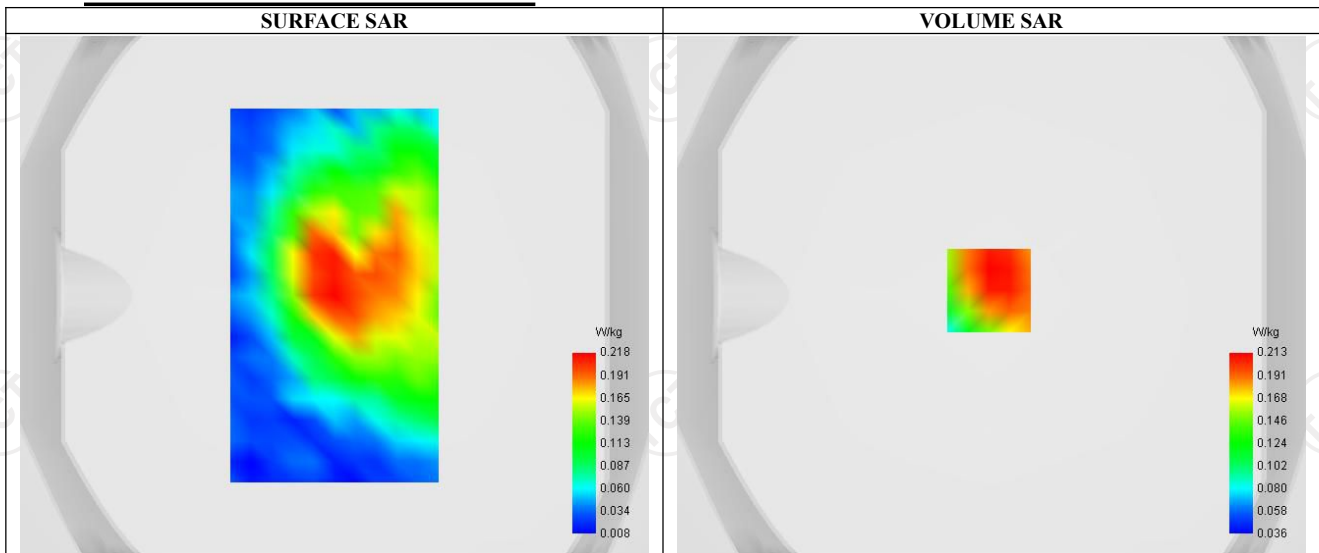
**A. Experimental conditions.**

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**



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

**D. SAR 1g & 10g**

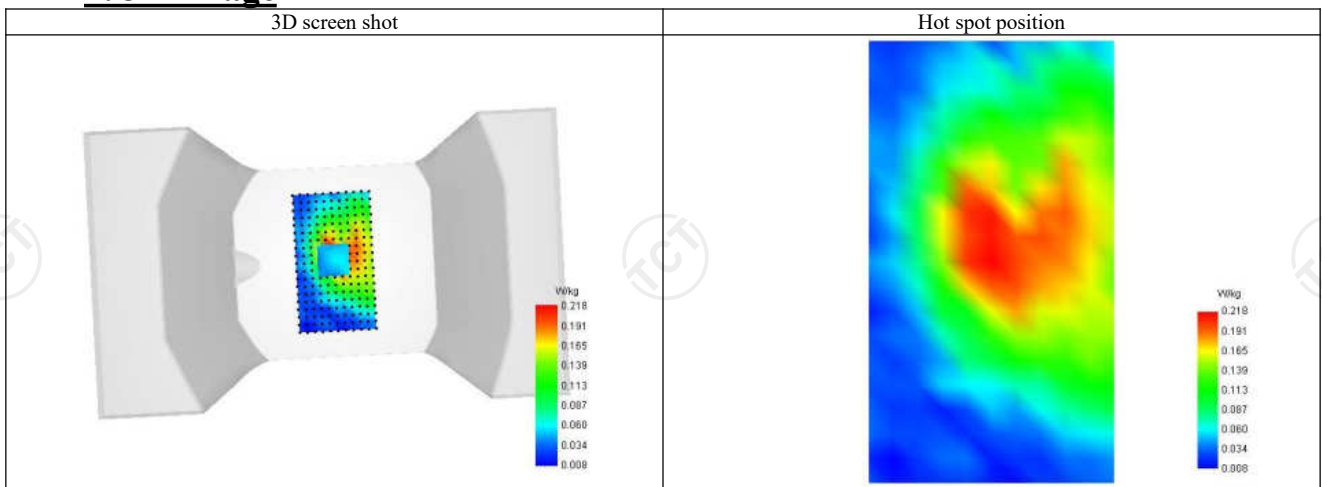
SAR 10g (W/Kg)	0.136
SAR 1g (W/Kg)	0.202
Variation (%)	1.511
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

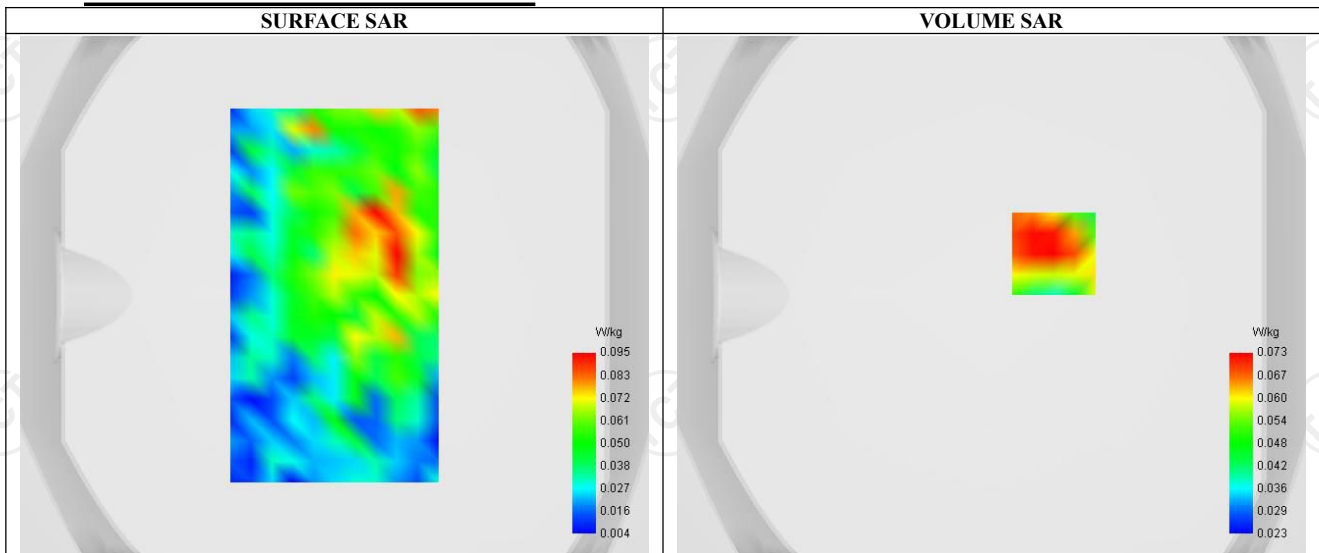
**A. Experimental conditions.**

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**



**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.061
SAR 1g (W/Kg)	0.076
Variation (%)	-0.132
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

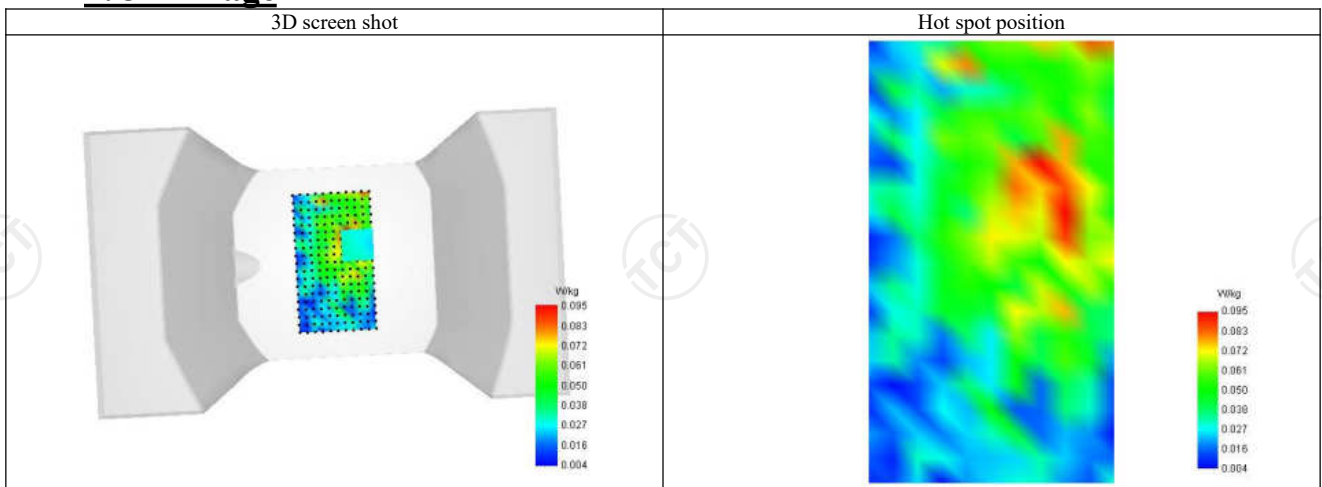
**E. Z Axis Scan**

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: 20/9/2022

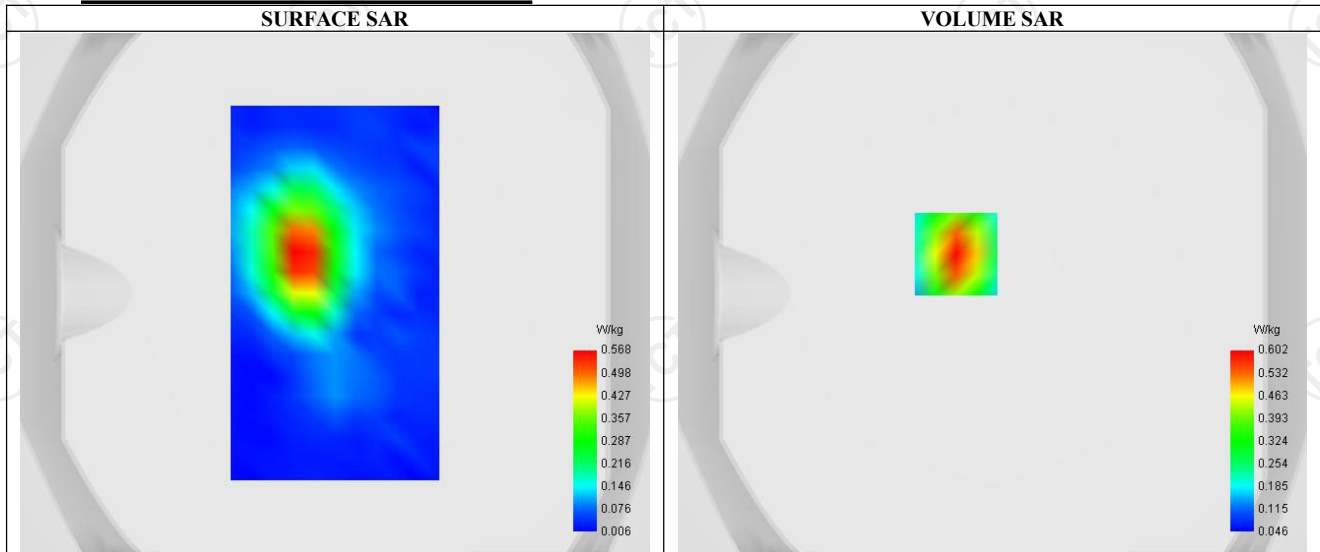
**A. Experimental conditions.**

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 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**

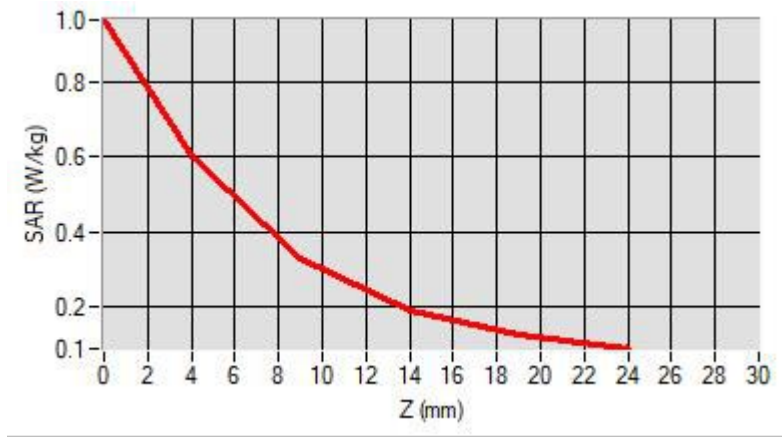


**D. SAR 1g & 10g**

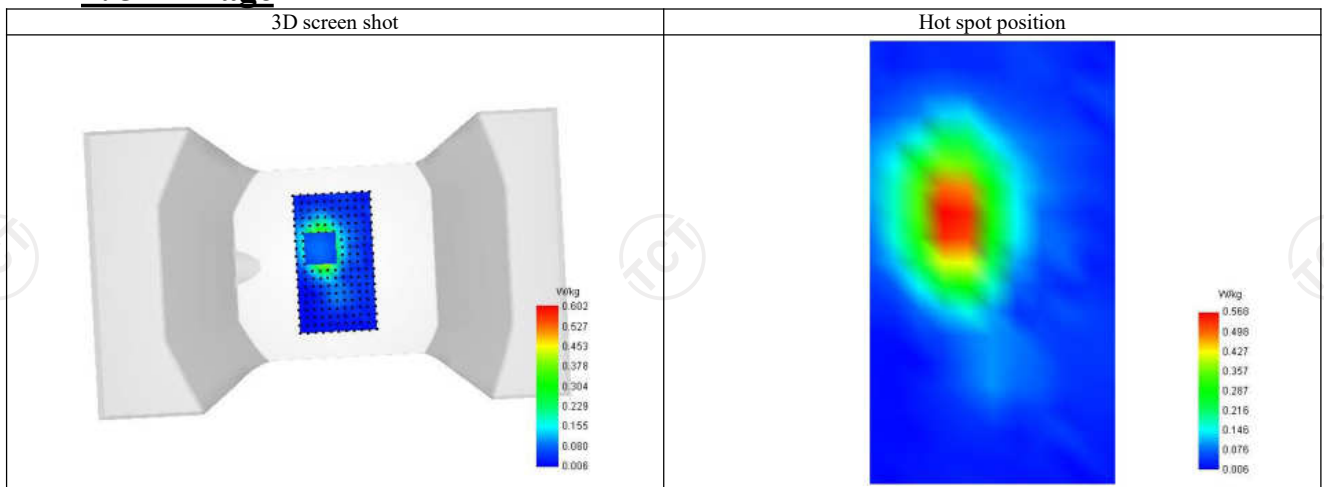
SAR 10g (W/Kg)	0.294
SAR 1g (W/Kg)	0.551
Variation (%)	0.591
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 20/9/2022

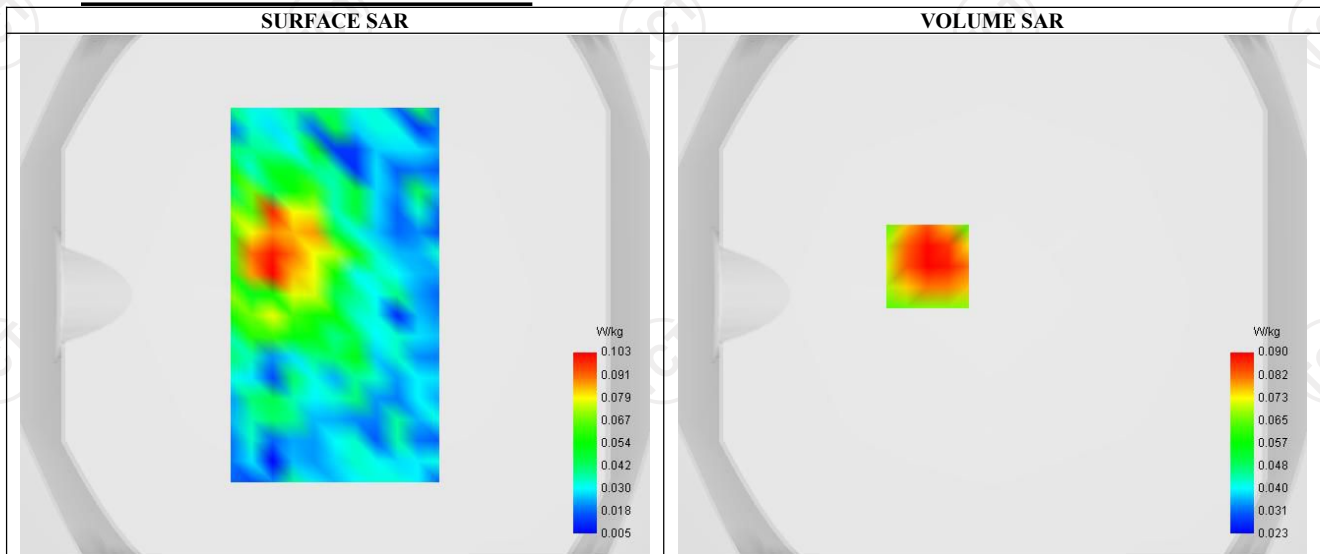
**A. Experimental conditions.**

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 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**



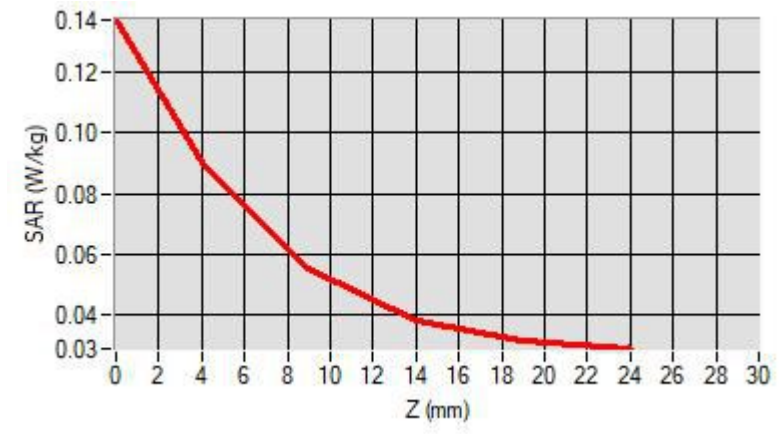
Maximum location: X=-25.00, Y=11.00 ; SAR Peak: 0.14 W/kg

**D. SAR 1g & 10g**

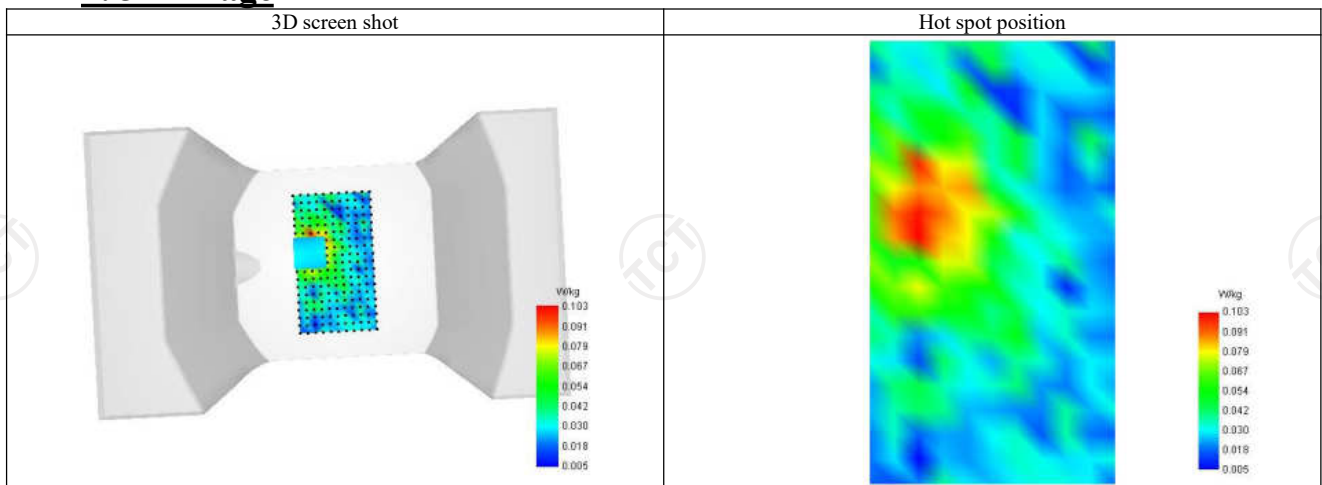
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.080
Variation (%)	1.371
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 20/9/2022

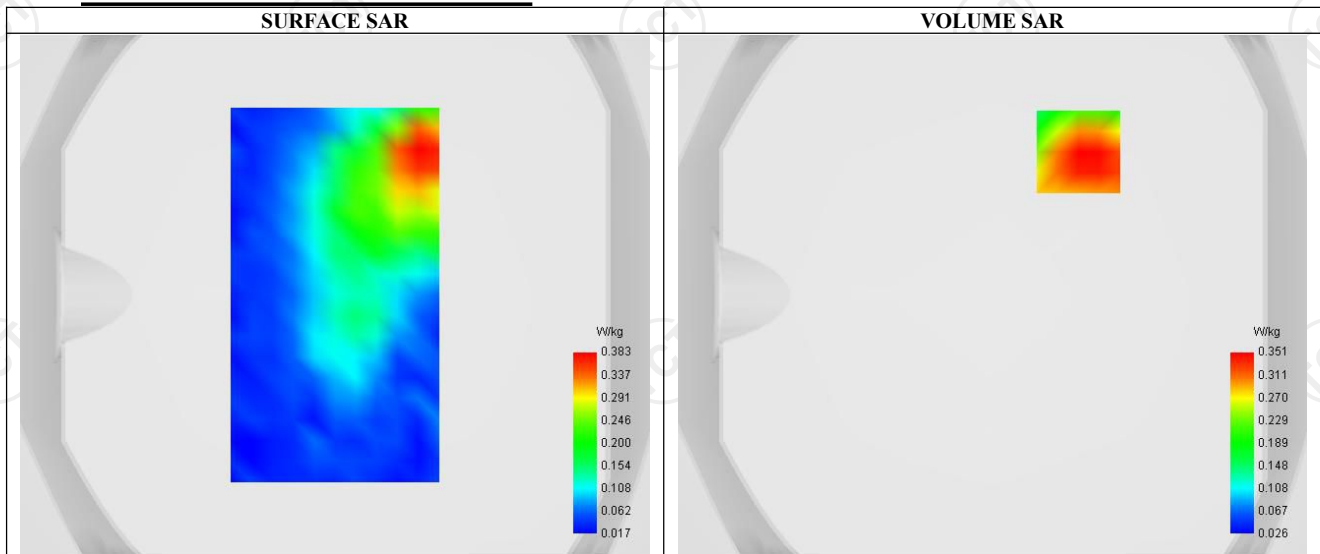
**A. Experimental conditions.**

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	Lower (20050)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

**B. Permittivity**

Frequency (MHz)	1744.990
Relative permittivity (real part)	54.624
Relative permittivity (imaginary part)	15.411
Conductivity (S/m)	1.513

**C. SAR Surface and Volume**



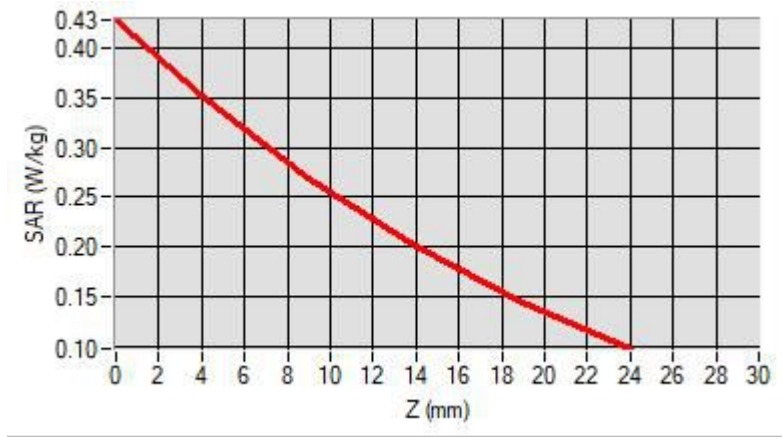
Maximum location: X=33.00, Y=55.00 ; SAR Peak: 0.44 W/kg

**D. SAR 1g & 10g**

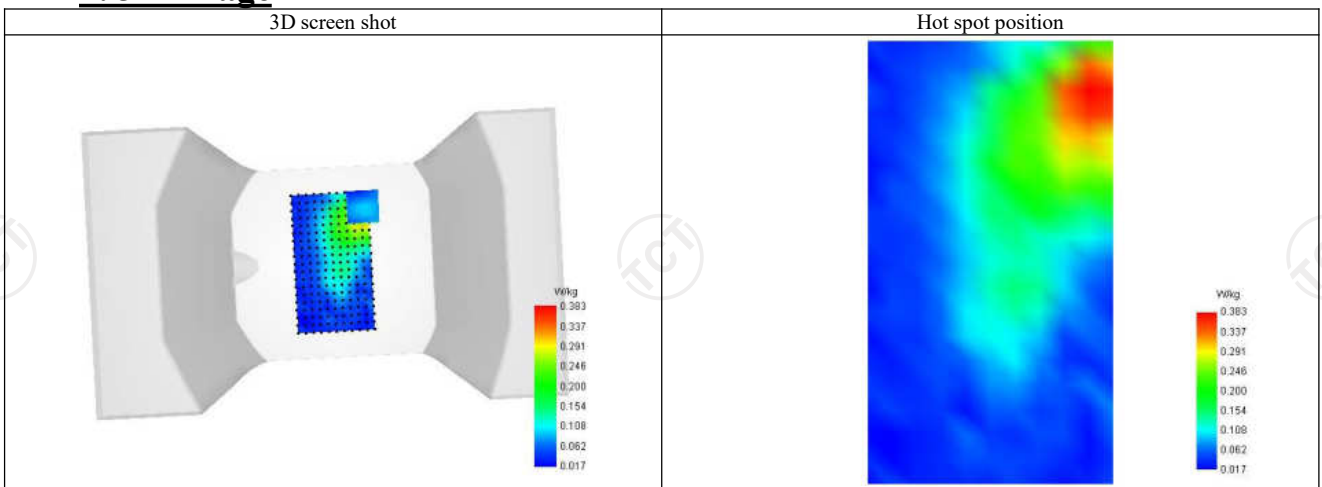
SAR 10g (W/Kg)	0.226
SAR 1g (W/Kg)	0.334
Variation (%)	-1.759
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 20/9/2022

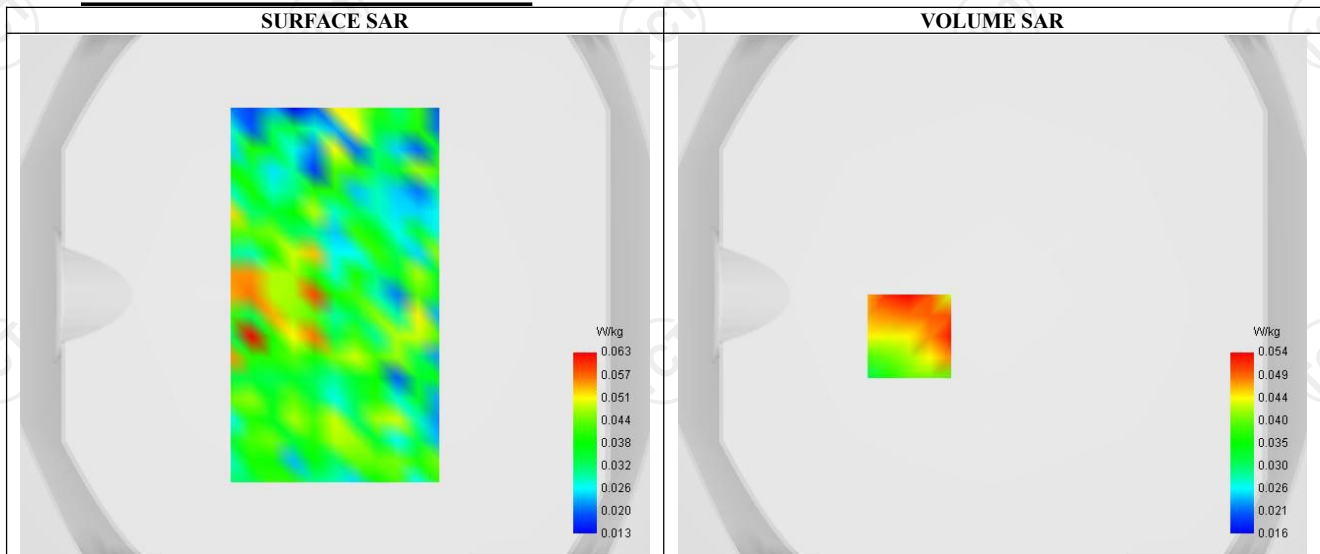
**A. Experimental conditions.**

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	Lower (20050)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

**B. Permittivity**

Frequency (MHz)	1744.990
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

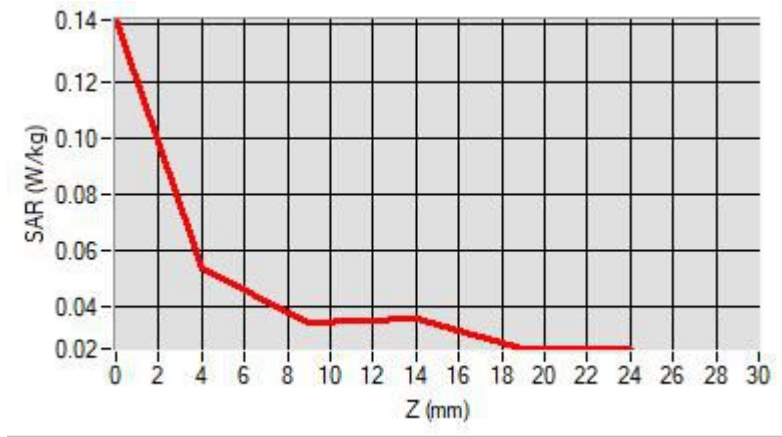
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.030
SAR 1g (W/Kg)	0.042
Variation (%)	-0.359
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

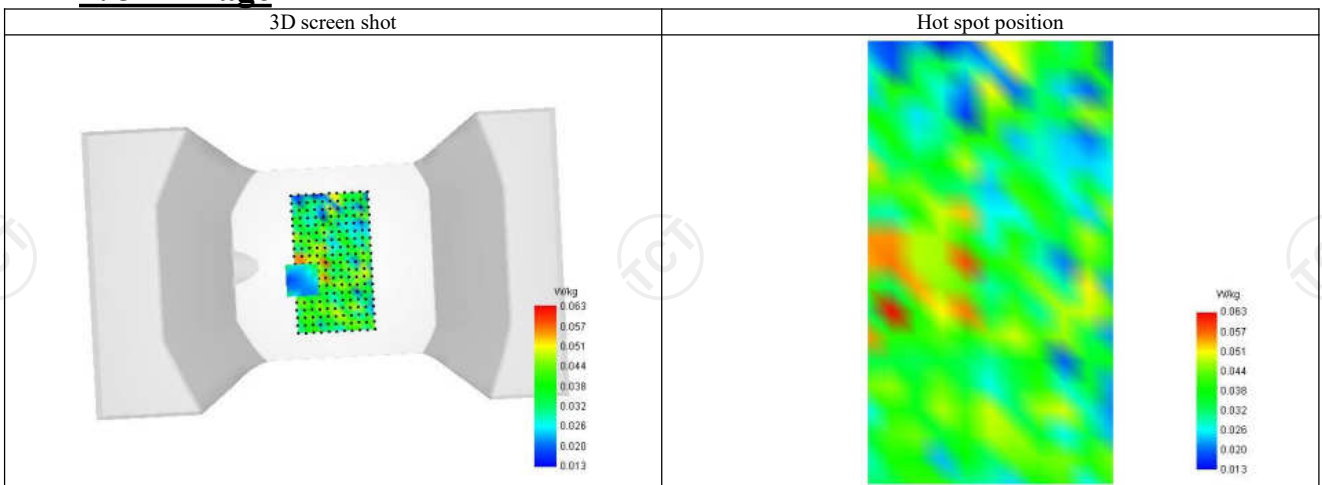
**E. Z Axis Scan**

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: 19/9/2022

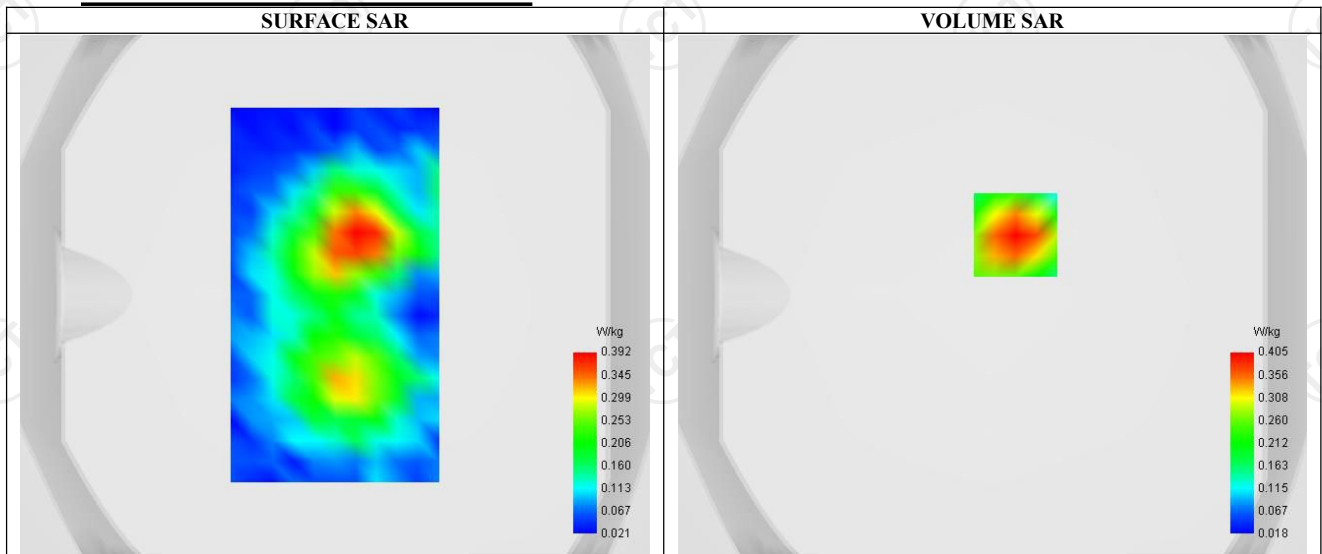
**A. Experimental conditions.**

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 5
Channels	Middle (20252)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

**B. Permittivity**

Frequency (MHz)	836.500
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

**C. SAR Surface and Volume**



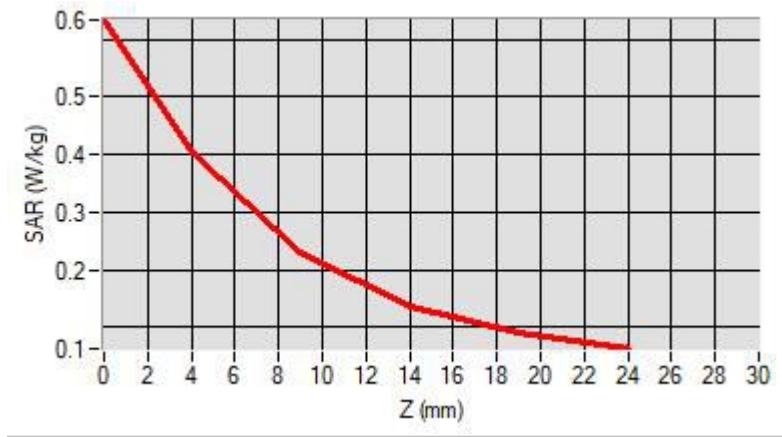
Maximum location: X=9.00, Y=23.00 ; SAR Peak: 0.63 W/kg

**D. SAR 1g & 10g**

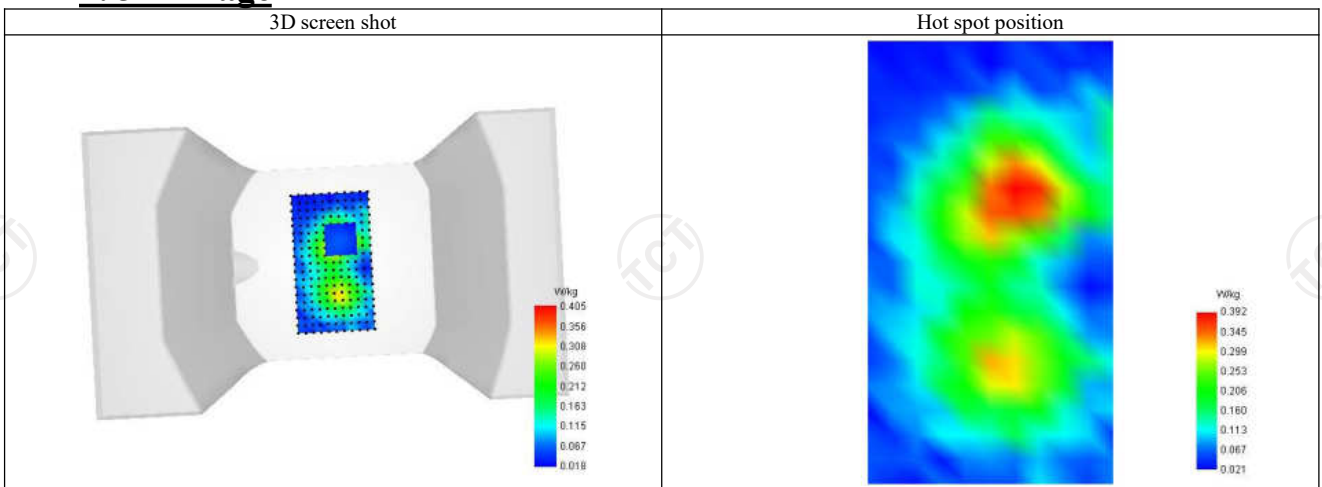
SAR 10g (W/Kg)	0.207
SAR 1g (W/Kg)	0.372
Variation (%)	0.581
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

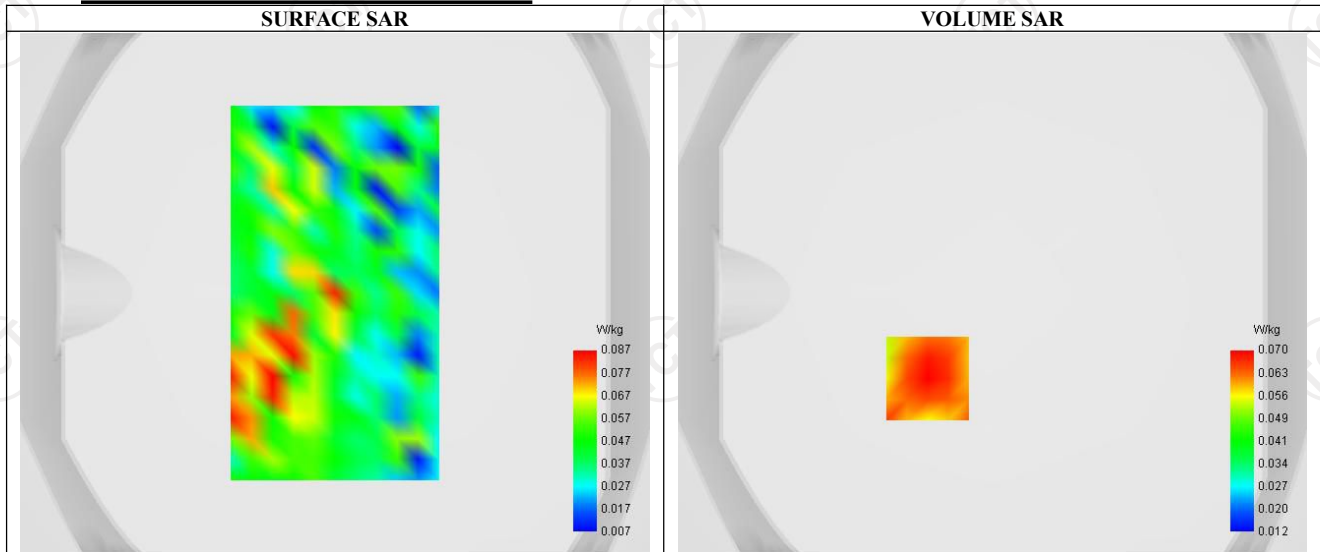
**A. Experimental conditions.**

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 5
Channels	Middle (20252)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

**B. Permittivity**

Frequency (MHz)	836.500
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**

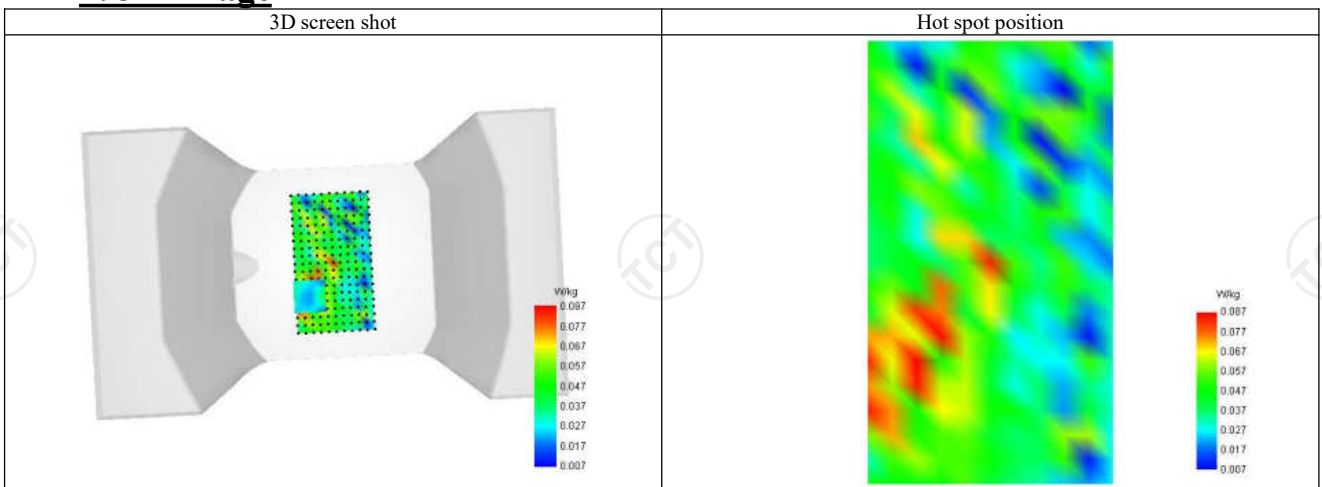
SAR 10g (W/Kg)	0.038
SAR 1g (W/Kg)	0.063
Variation (%)	4.491
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 21/9/2022

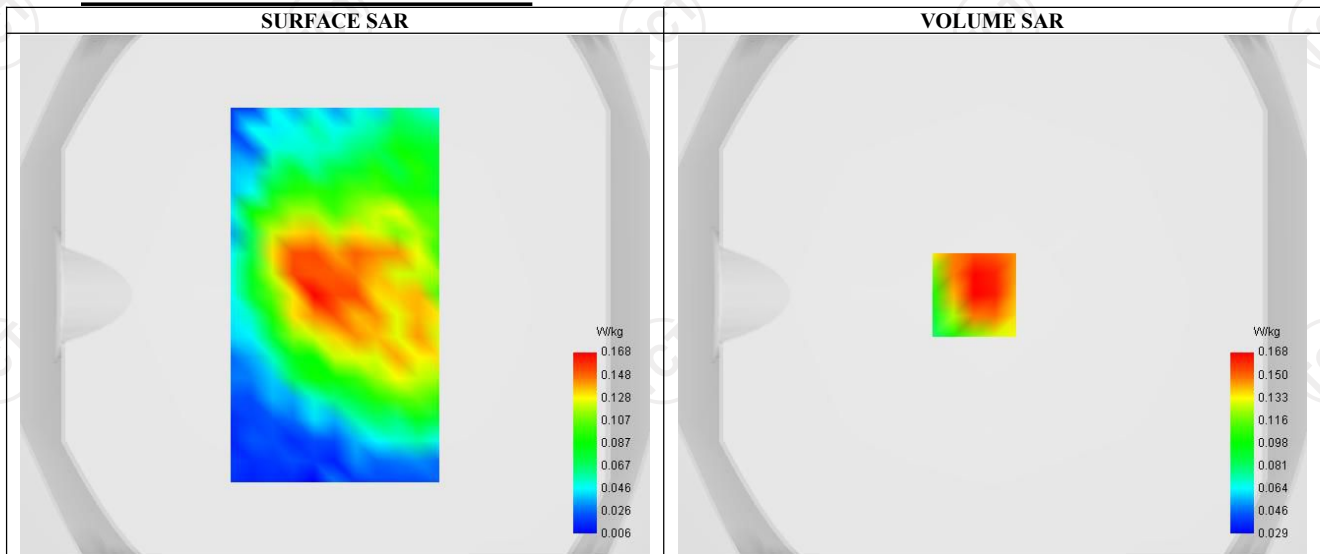
**A. Experimental conditions.**

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 7
Channels	Lower (20850)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	99
RB size	1

**B. Permittivity**

Frequency (MHz)	2510.000
Relative permittivity (real part)	52.044
Relative permittivity (imaginary part)	20.929
Conductivity (S/m)	2.106

**C. SAR Surface and Volume**



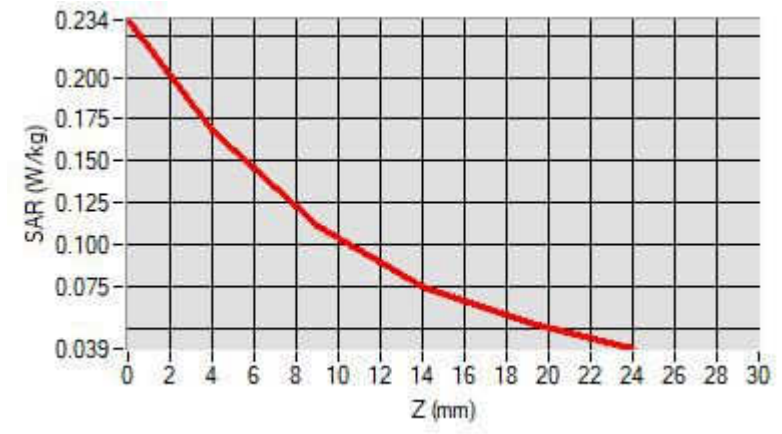
Maximum location: X=-7.00, Y=0.00 ; SAR Peak: 0.25 W/kg

**D. SAR 1g & 10g**

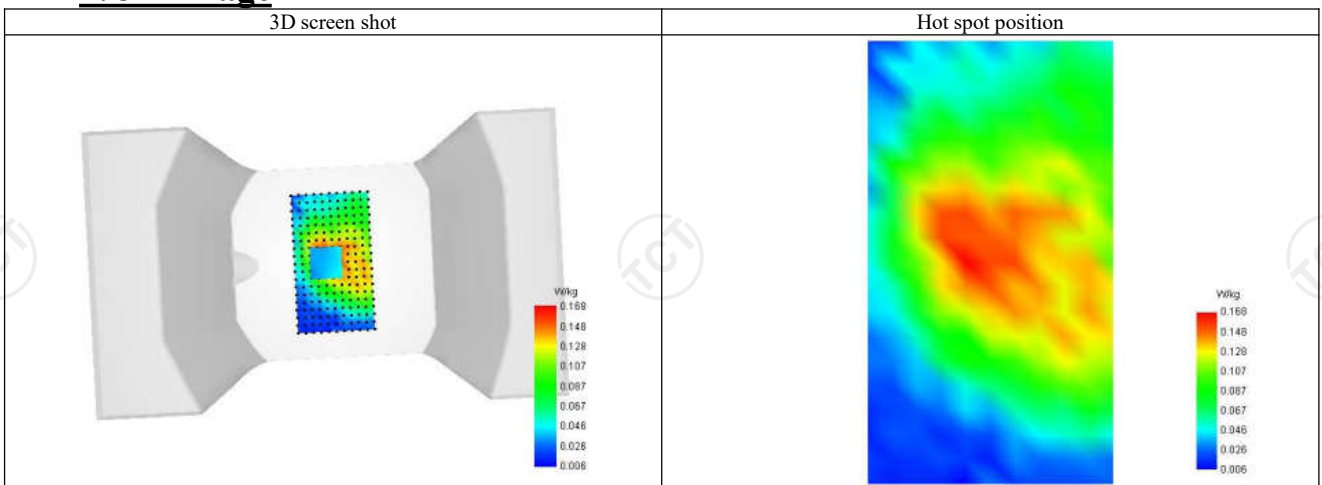
SAR 10g (W/Kg)	0.104
SAR 1g (W/Kg)	0.157
Variation (%)	-3.109
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 21/9/2022

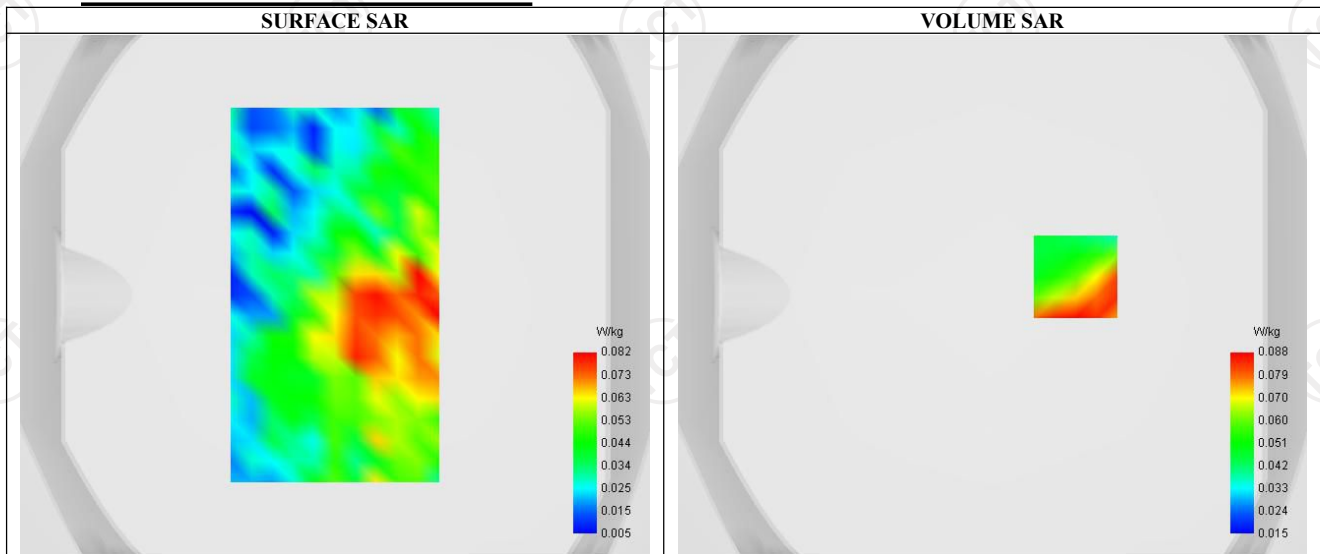
**A. Experimental conditions.**

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 7
Channels	Lower (20850)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	99
RB size	1

**B. Permittivity**

Frequency (MHz)	2510.000
Relative permittivity (real part)	52.044
Relative permittivity (imaginary part)	20.929
Conductivity (S/m)	2.106

**C. SAR Surface and Volume**



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

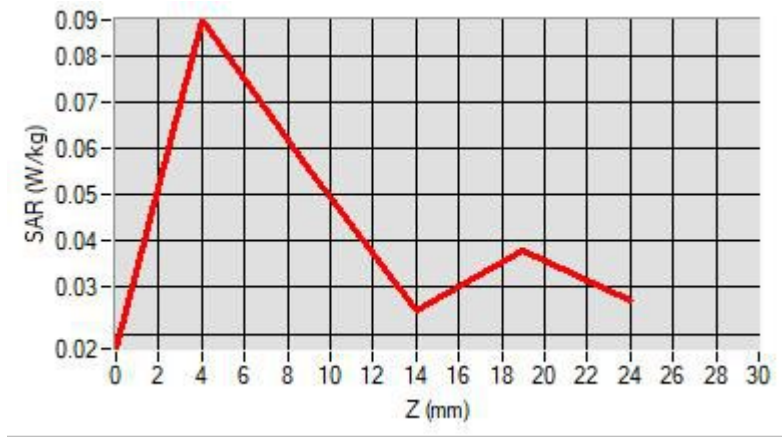
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.043
SAR 1g (W/Kg)	0.071
Variation (%)	-2.749
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

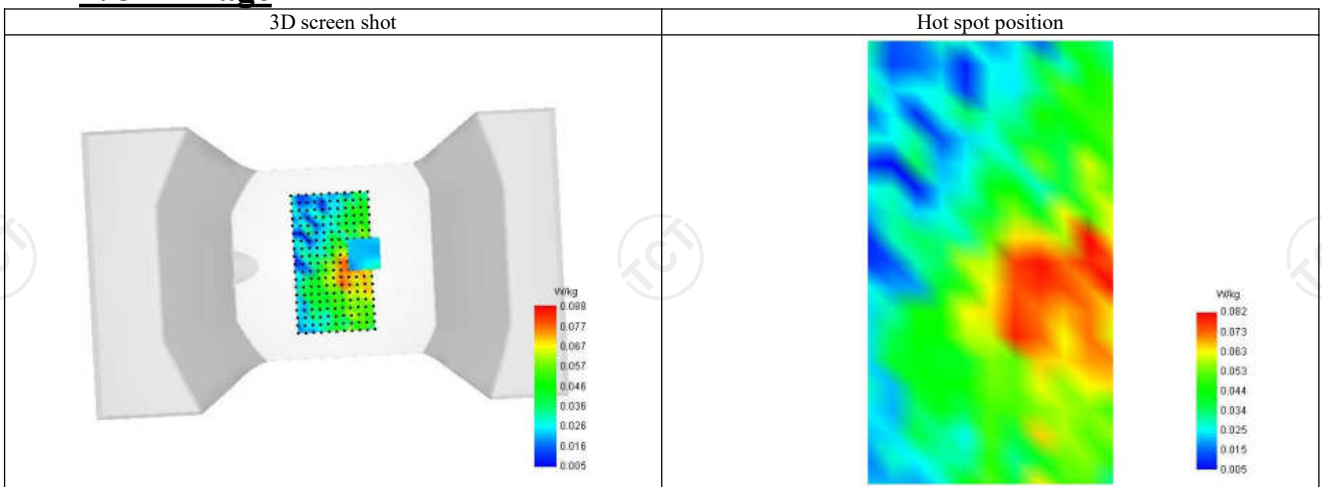
**E. Z Axis Scan**

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: 19/9/2022

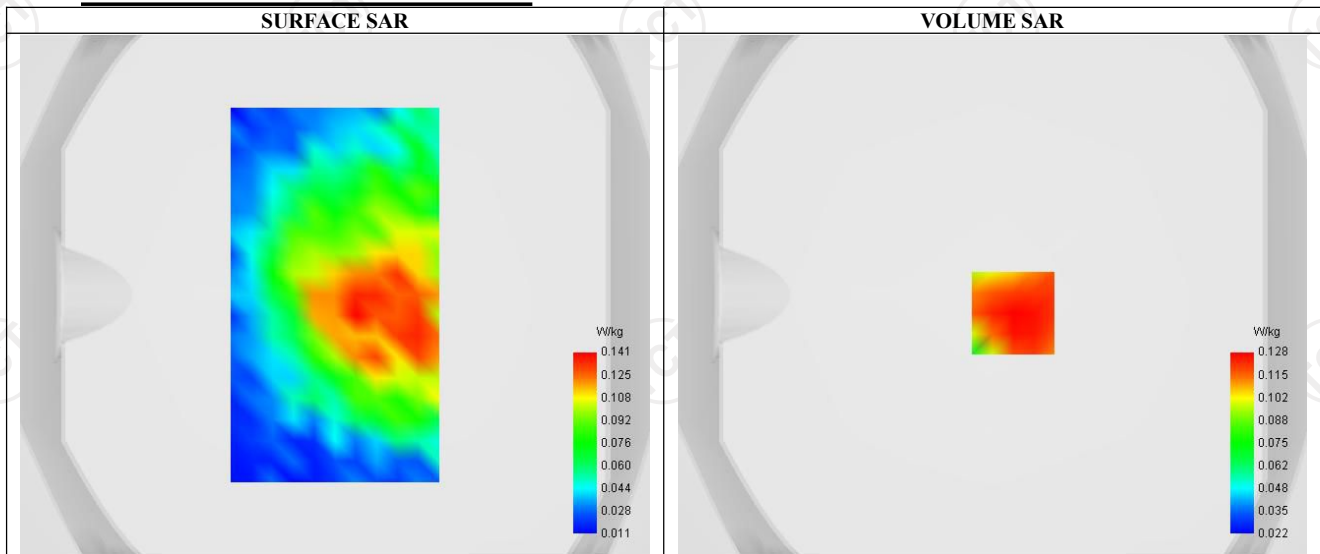
**A. Experimental conditions.**

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 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**



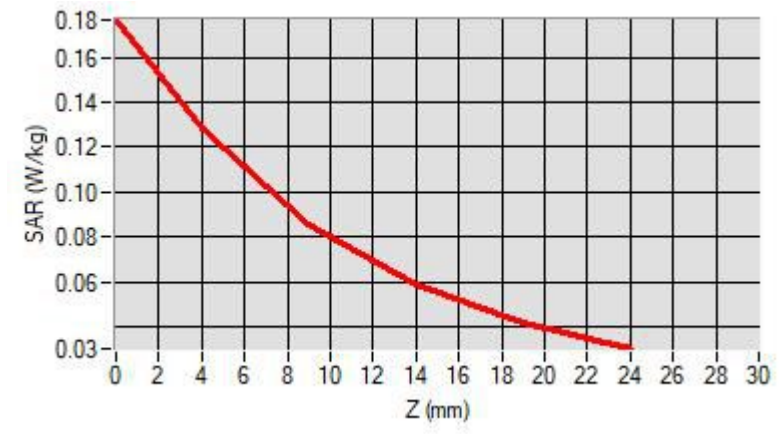
Maximum location: X=8.00, Y=-7.00 ; SAR Peak: 0.18 W/kg

**D. SAR 1g & 10g**

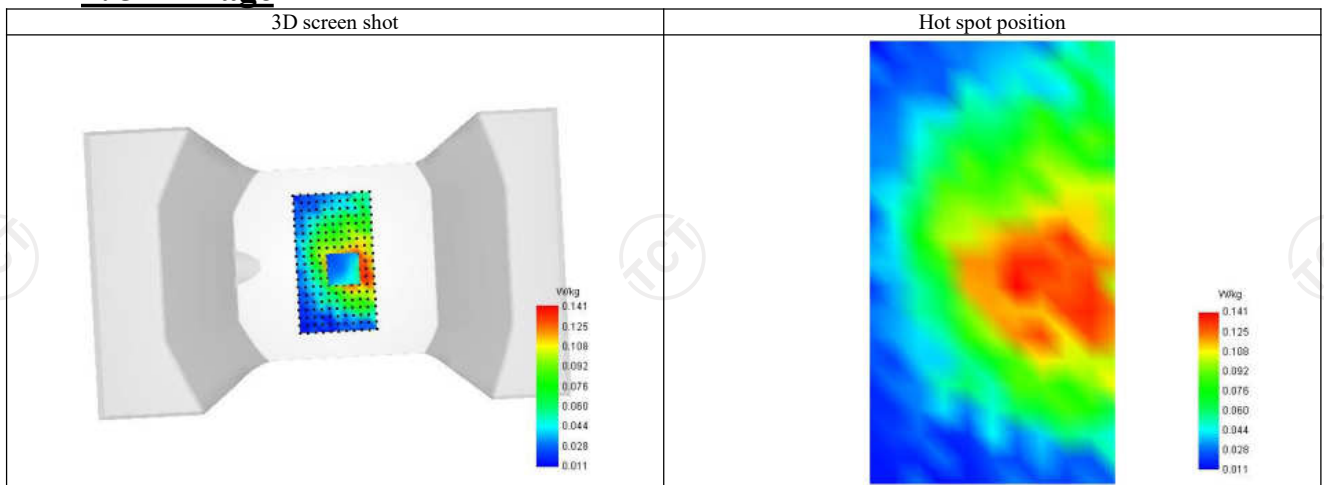
SAR 10g (W/Kg)	0.083
SAR 1g (W/Kg)	0.119
Variation (%)	2.691
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

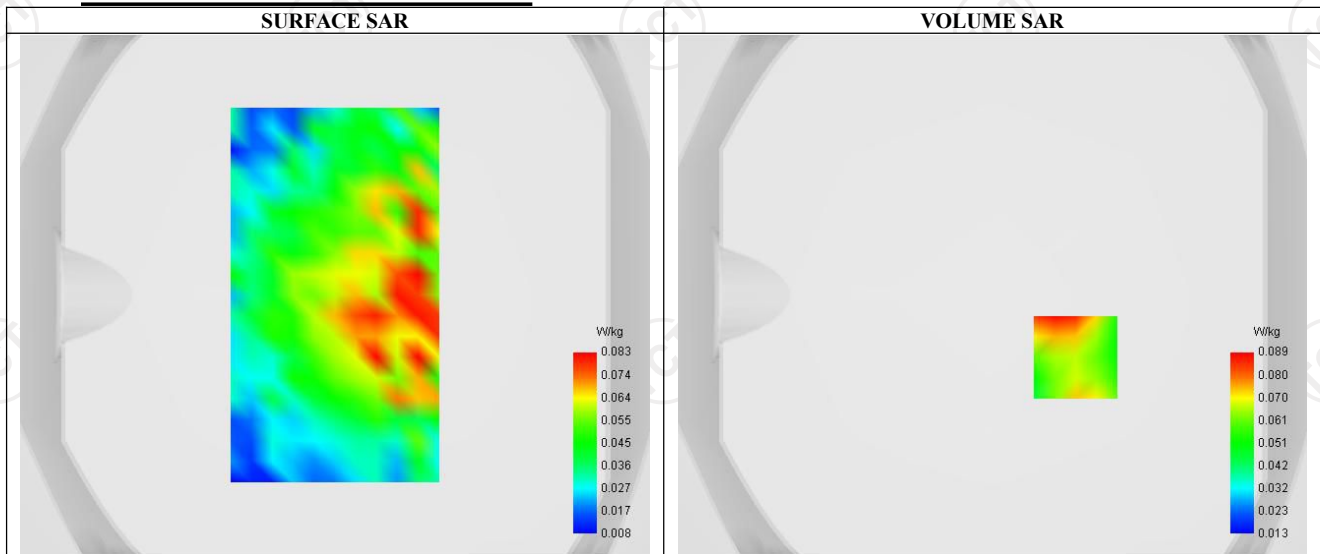
**A. Experimental conditions.**

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 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**

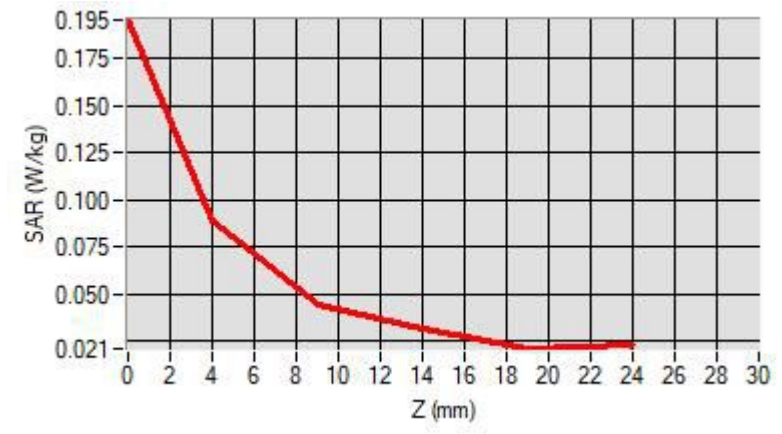


**D. SAR 1g & 10g**

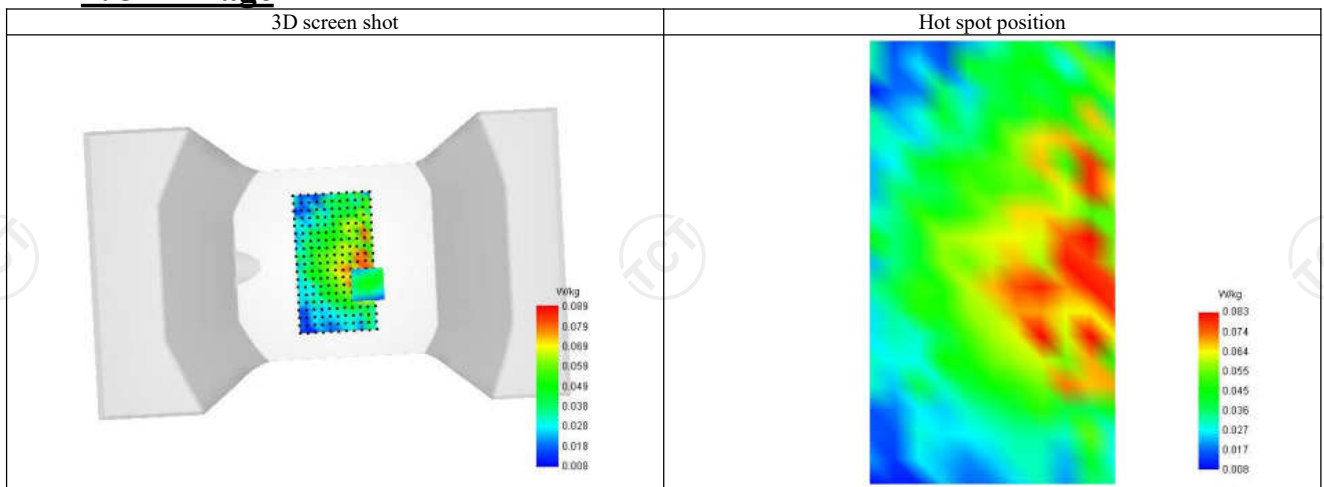
SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.074
Variation (%)	1.951
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

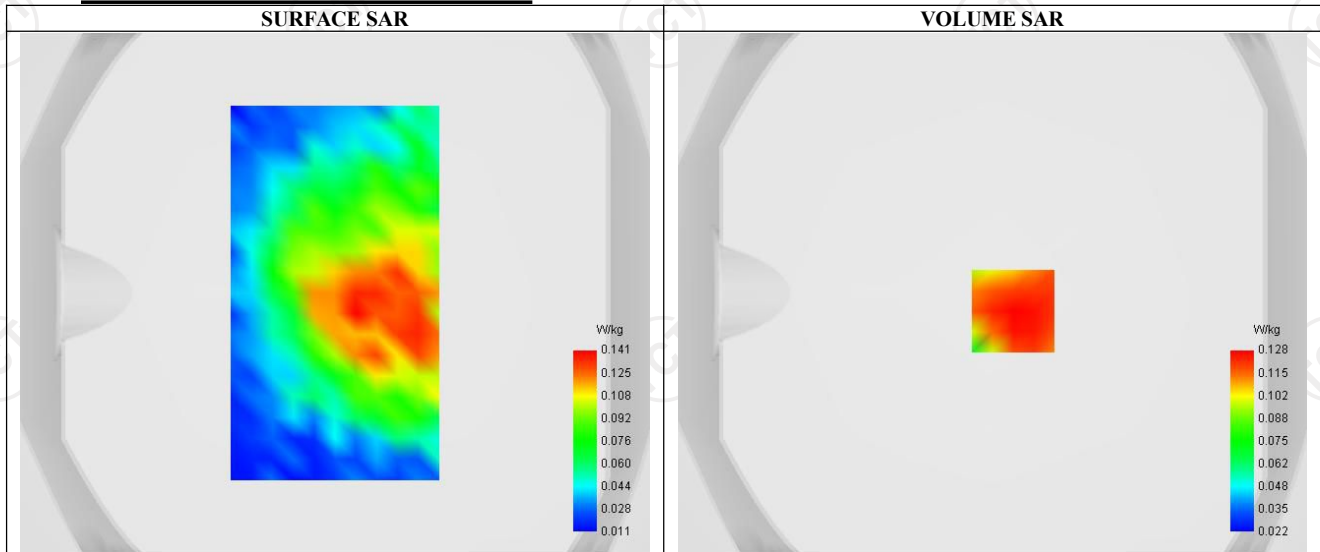
**A. Experimental conditions.**

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 13
Channels	Middle (23230)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
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**



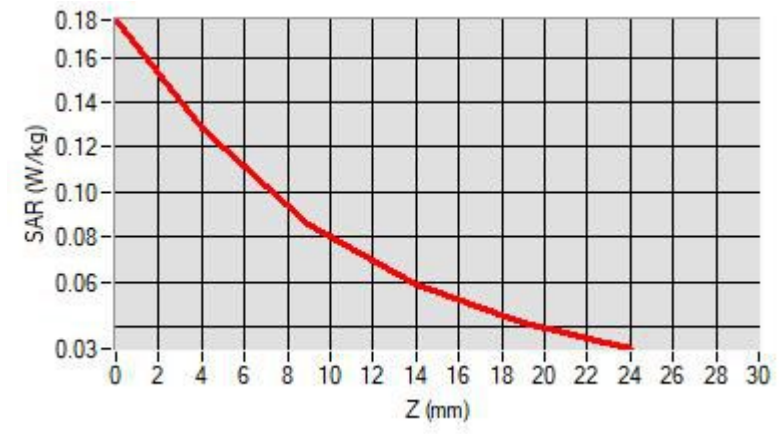
Maximum location: X=8.00, Y=-7.00 ; SAR Peak: 0.18 W/kg

**D. SAR 1g & 10g**

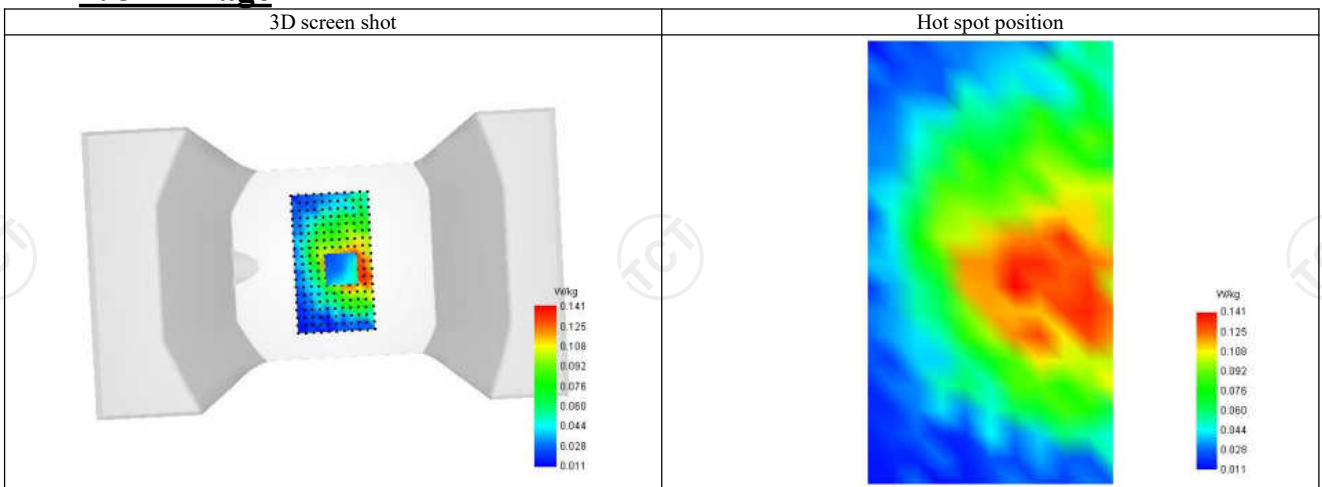
SAR 10g (W/Kg)	0.972
SAR 1g (W/Kg)	0.139
Variation (%)	1.701
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

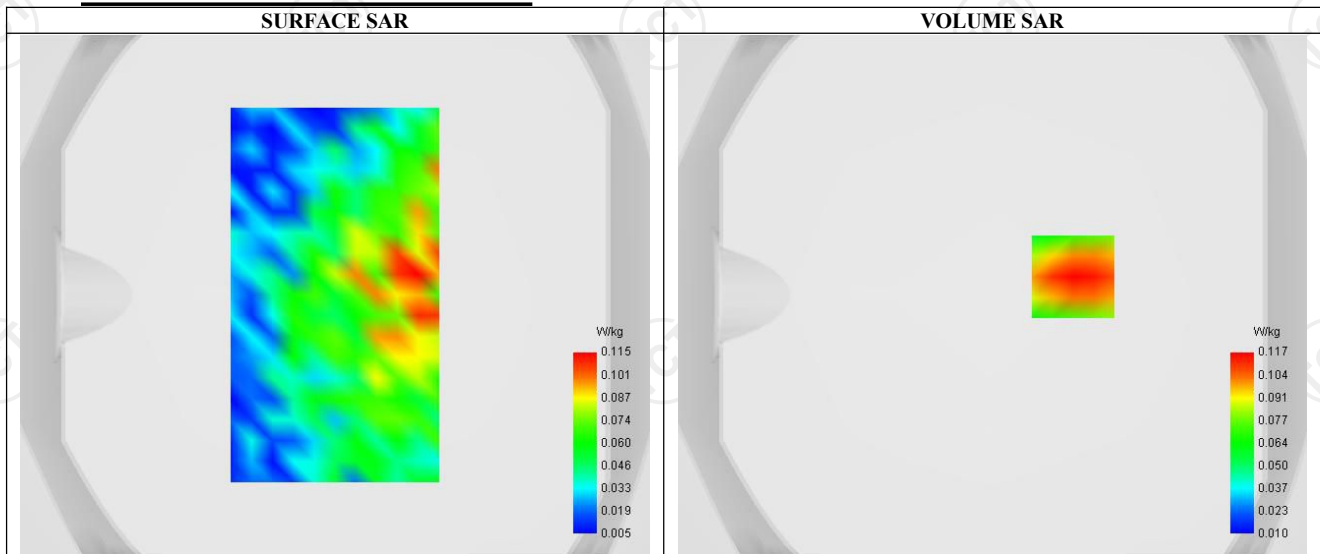
**A. Experimental conditions.**

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	49
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=31.00, Y=7.00 ; SAR Peak: 0.20 W/kg

**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.108
Variation (%)	1.171
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

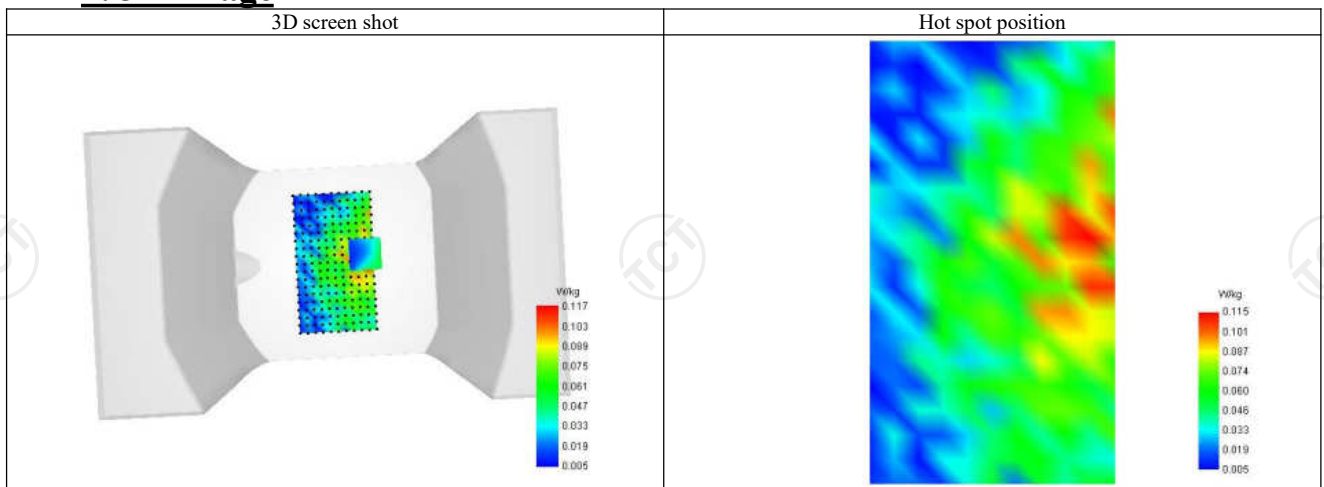
**E. Z Axis Scan**

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: 19/9/2022

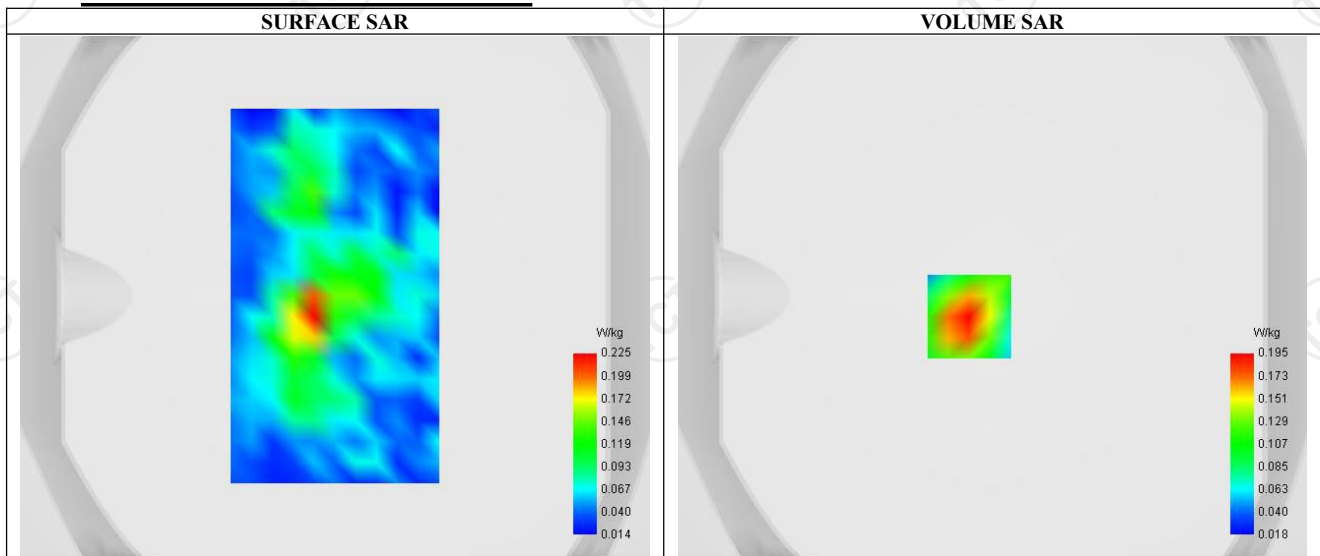
**A. Experimental conditions.**

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	Higher (23800)
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=-9.00, Y=-8.00 ; SAR Peak: 0.27 W/kg

**D. SAR 1g & 10g**

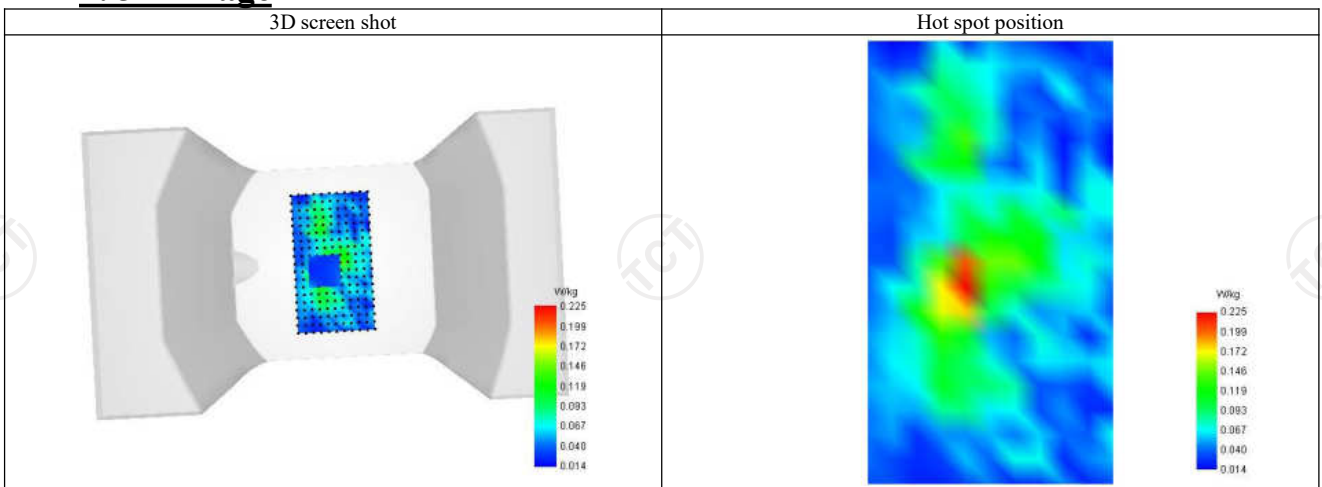
SAR 10g (W/Kg)	0.100
SAR 1g (W/Kg)	0.175
Variation (%)	0.941
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

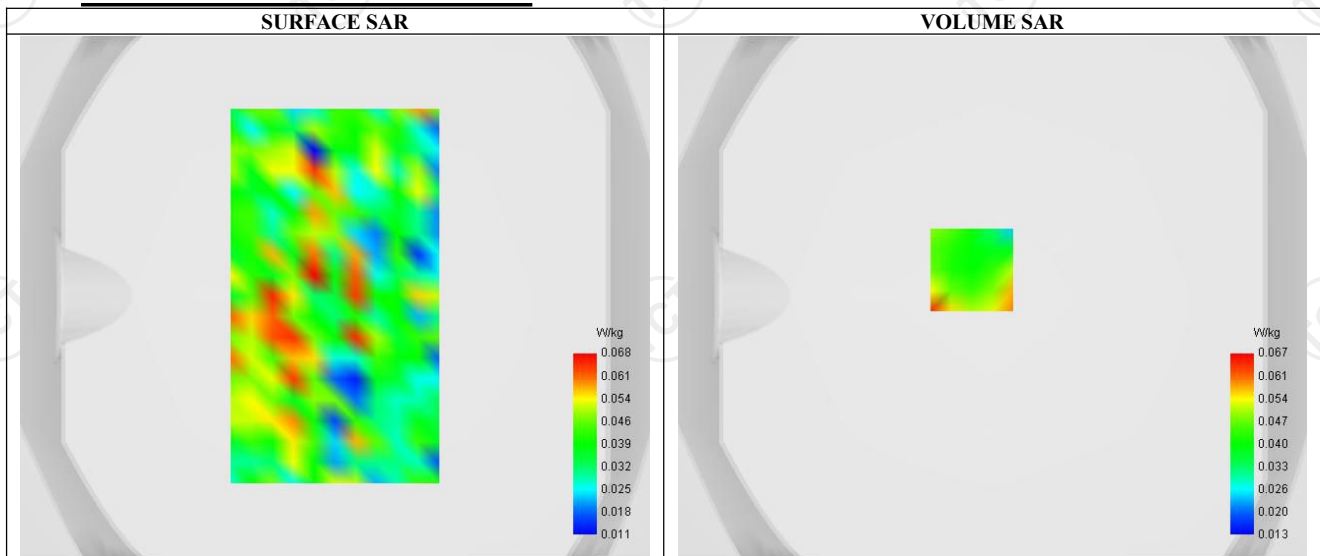
**A. Experimental conditions.**

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	Higher (23800)
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**



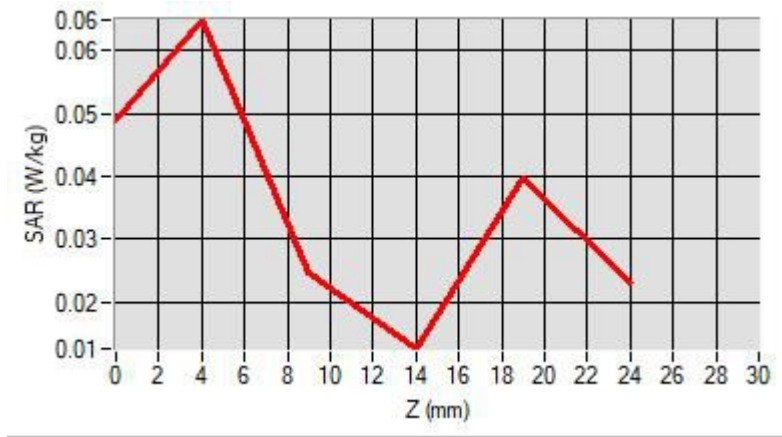
Maximum location: X=-8.00, Y=10.00 ; SAR Peak: 0.14 W/kg

**D. SAR 1g & 10g**

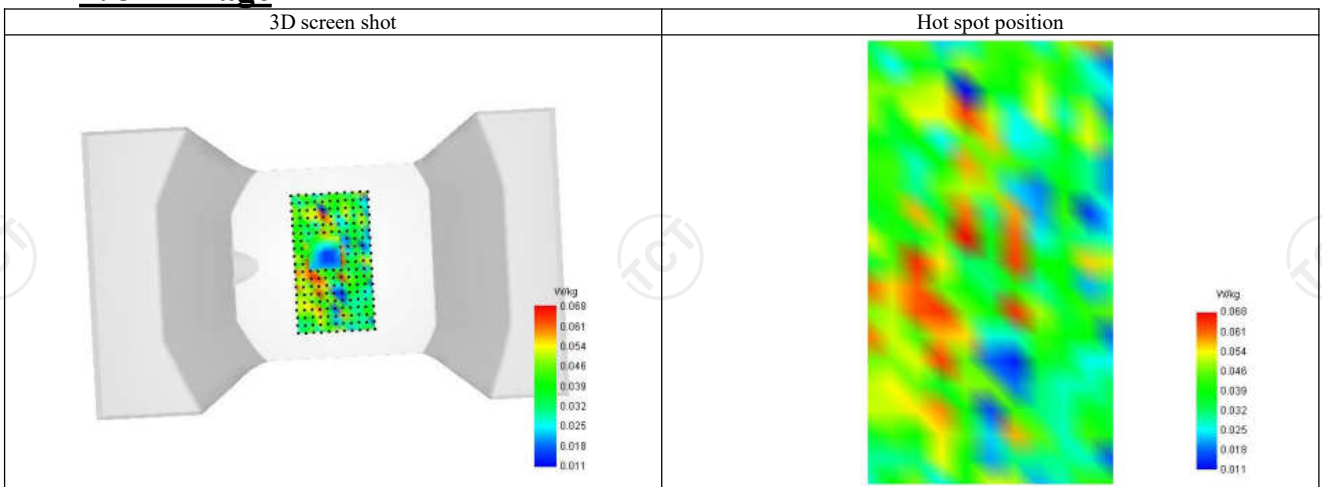
SAR 10g (W/Kg)	0.038
SAR 1g (W/Kg)	0.050
Variation (%)	1.391
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 20/9/2022

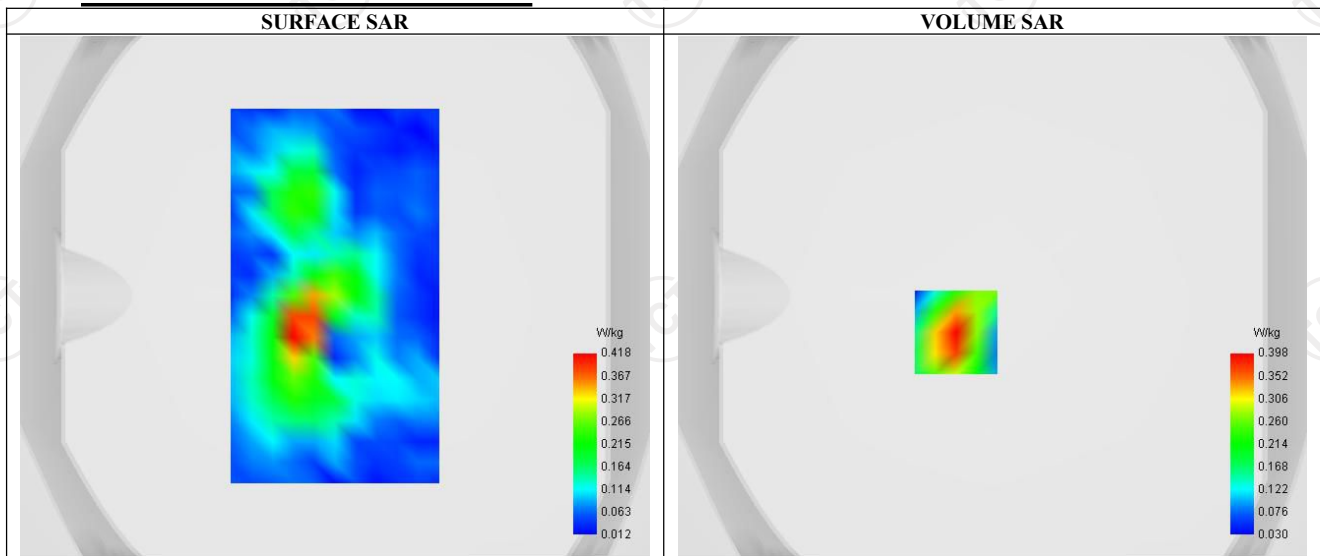
**A. Experimental conditions.**

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	Higher (26590)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	99
RB size	1

**B. Permittivity**

Frequency (MHz)	1905.000
Relative permittivity (real part)	53.244
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	1.572

**C. SAR Surface and Volume**



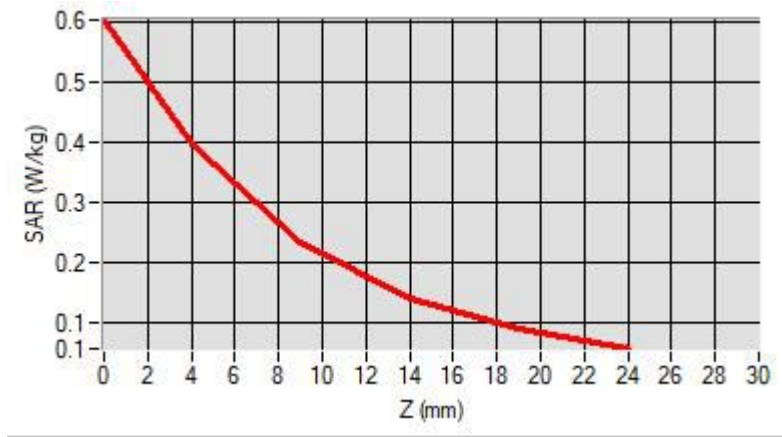
Maximum location: X=-14.00, Y=-14.00 ; SAR Peak: 0.62 W/kg

**D. SAR 1g & 10g**

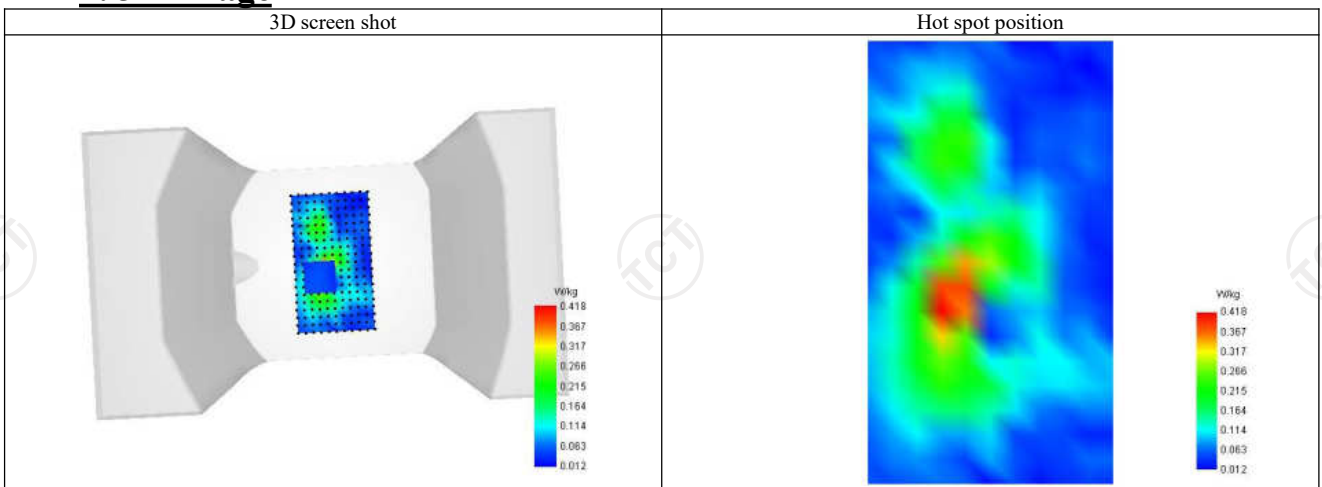
SAR 10g (W/Kg)	0.190
SAR 1g (W/Kg)	0.361
Variation (%)	-0.769
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 20/9/2022

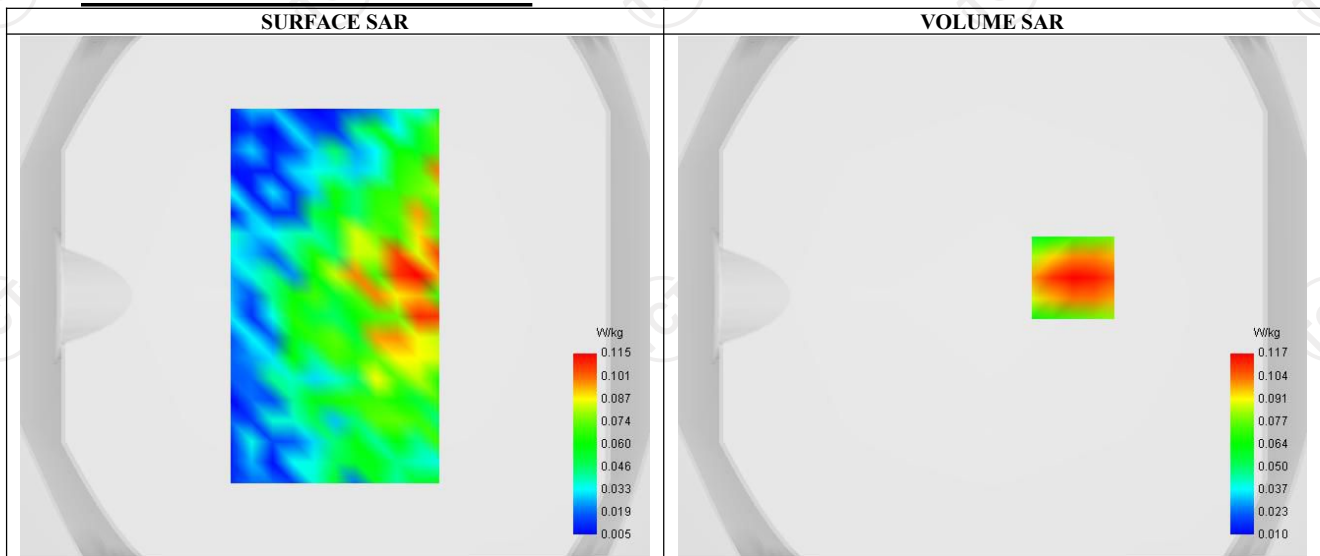
**A. Experimental conditions.**

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	Higher (26590)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	99
RB size	1

**B. Permittivity**

Frequency (MHz)	1905.000
Relative permittivity (real part)	53.244
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	1.572

**C. SAR Surface and Volume**



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

**D. SAR 1g & 10g**

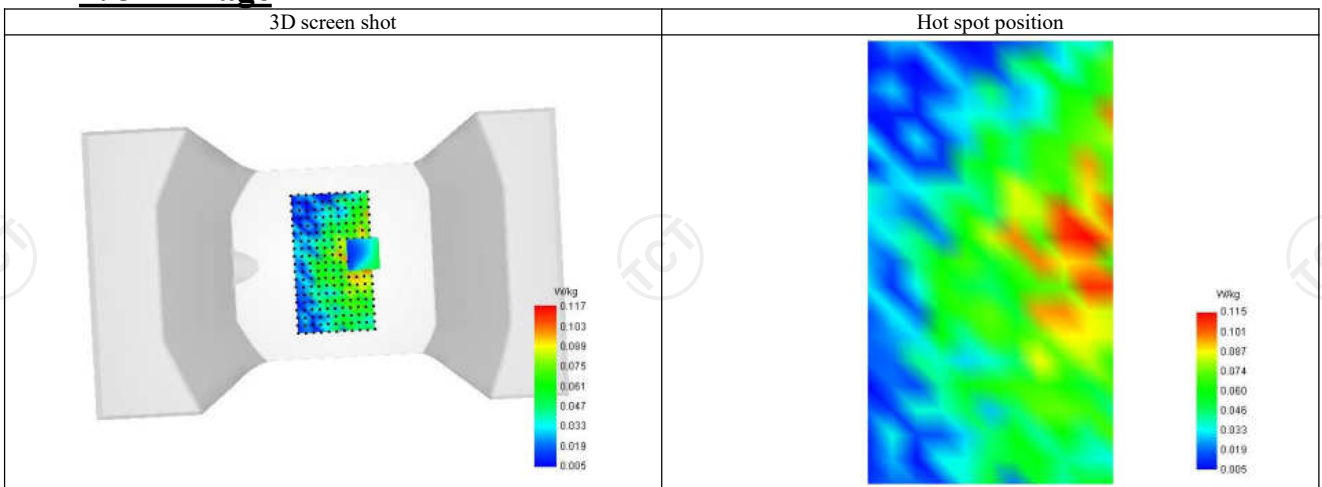
SAR 10g (W/Kg)	0.075
SAR 1g (W/Kg)	0.113
Variation (%)	-1.489
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

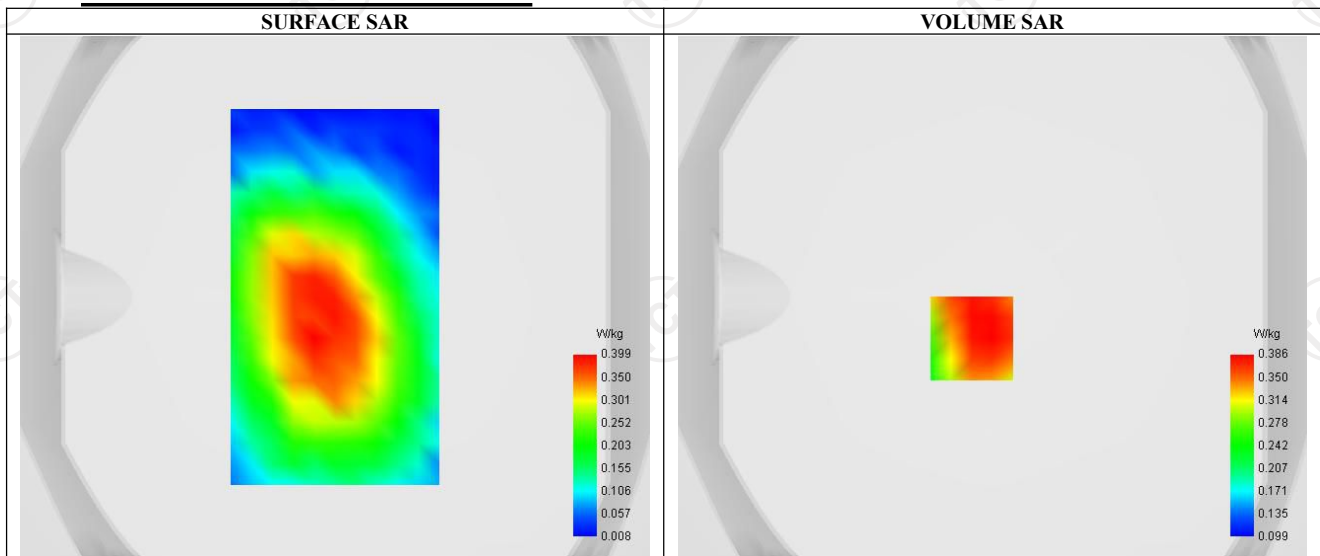
**A. Experimental conditions.**

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)	55.262
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	0.933

**C. SAR Surface and Volume**



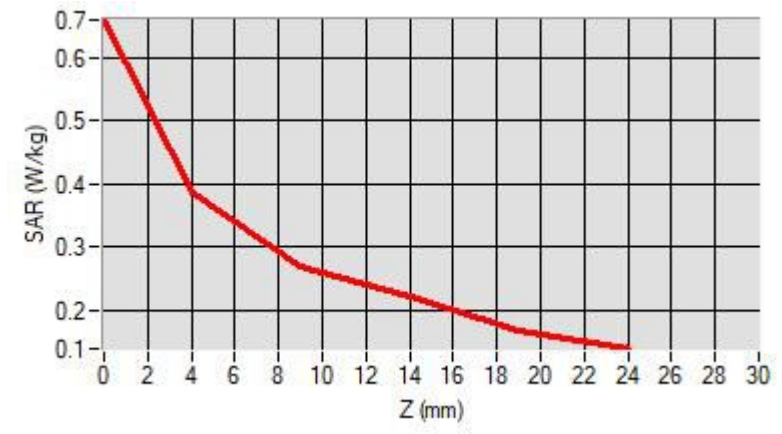
Maximum location: X=-8.00, Y=-16.00 ; SAR Peak: 0.49 W/kg

**D. SAR 1g & 10g**

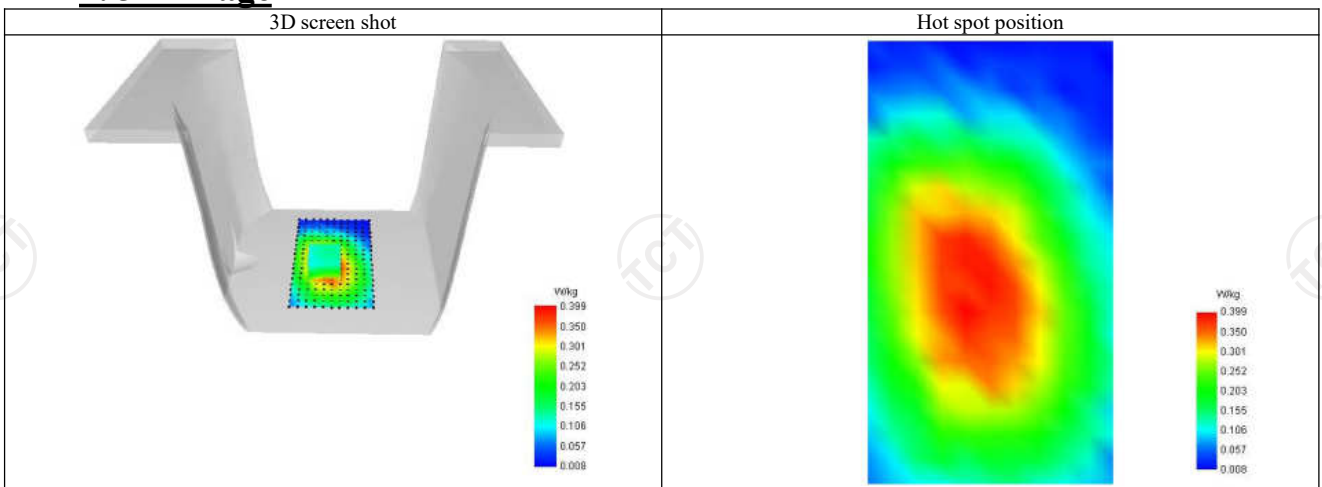
SAR 10g (W/Kg)	0.285
SAR 1g (W/Kg)	0.391
Variation (%)	-3.489
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 19/9/2022

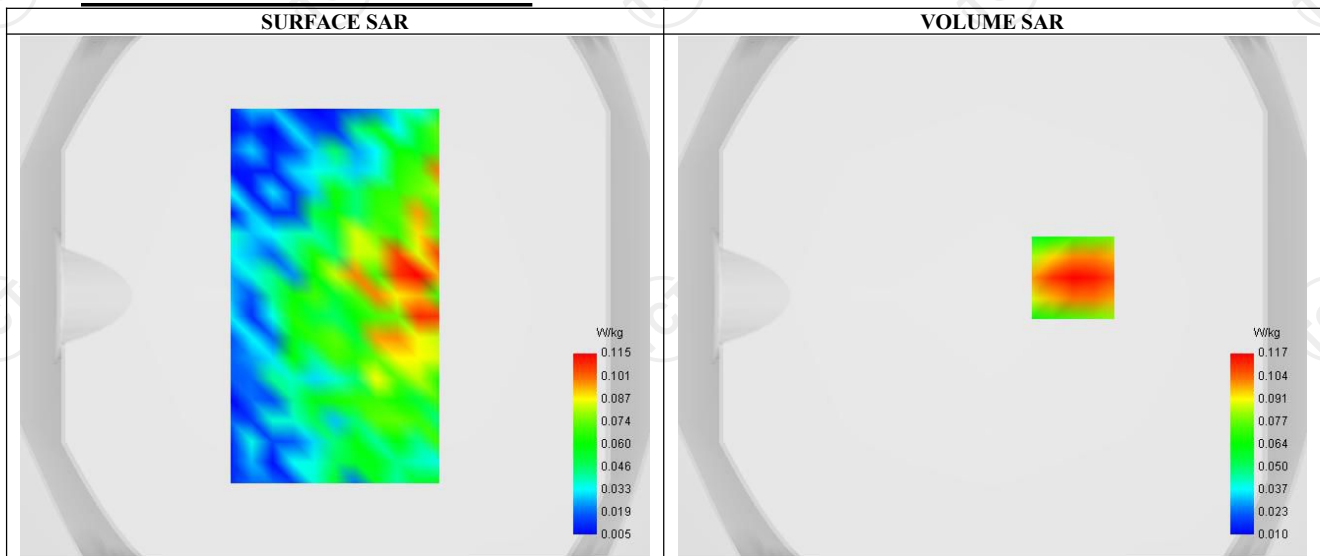
**A. Experimental conditions.**

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)	55.262
Relative permittivity (imaginary part)	26.094
Conductivity (S/m)	0.933

**C. SAR Surface and Volume**



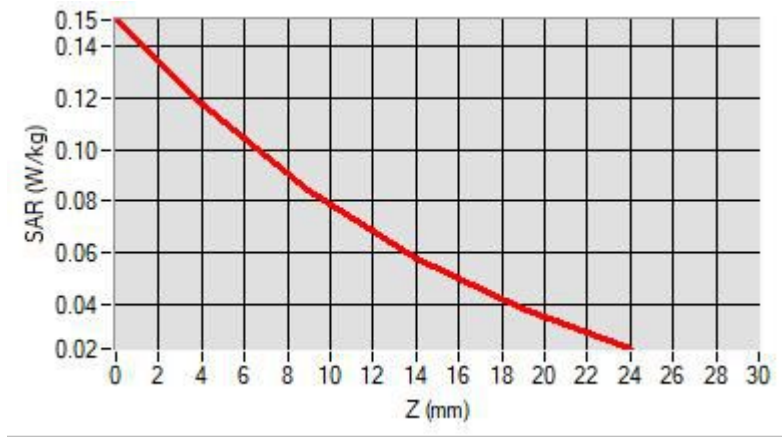
Maximum location: X=31.00, Y=7.00 ; SAR Peak: 0.20 W/kg

**D. SAR 1g & 10g**

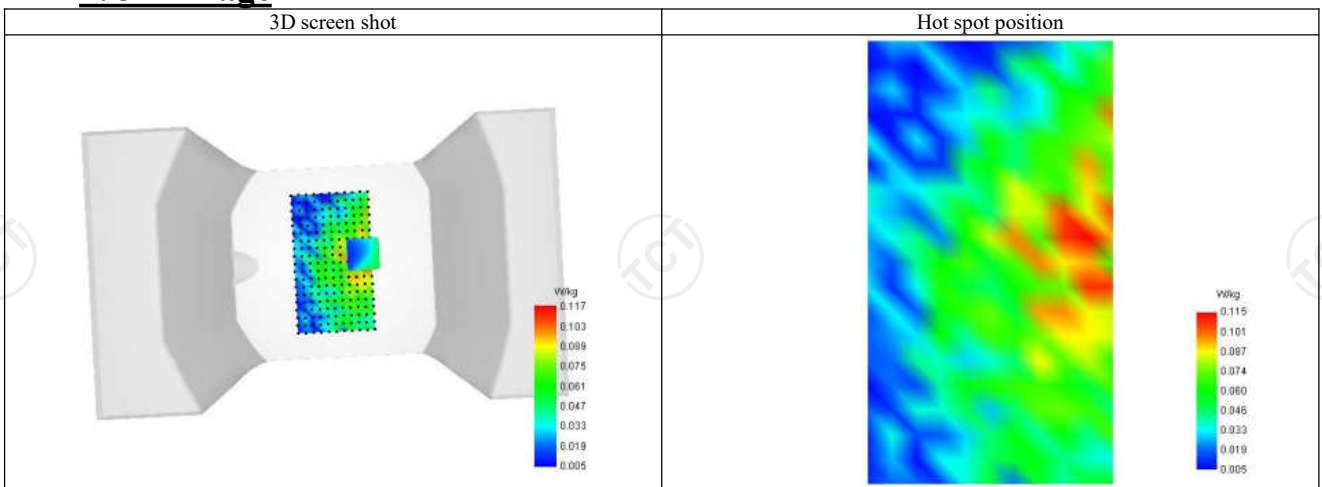
SAR 10g (W/Kg)	0.088
SAR 1g (W/Kg)	0.122
Variation (%)	-1.089
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 21/9/2022

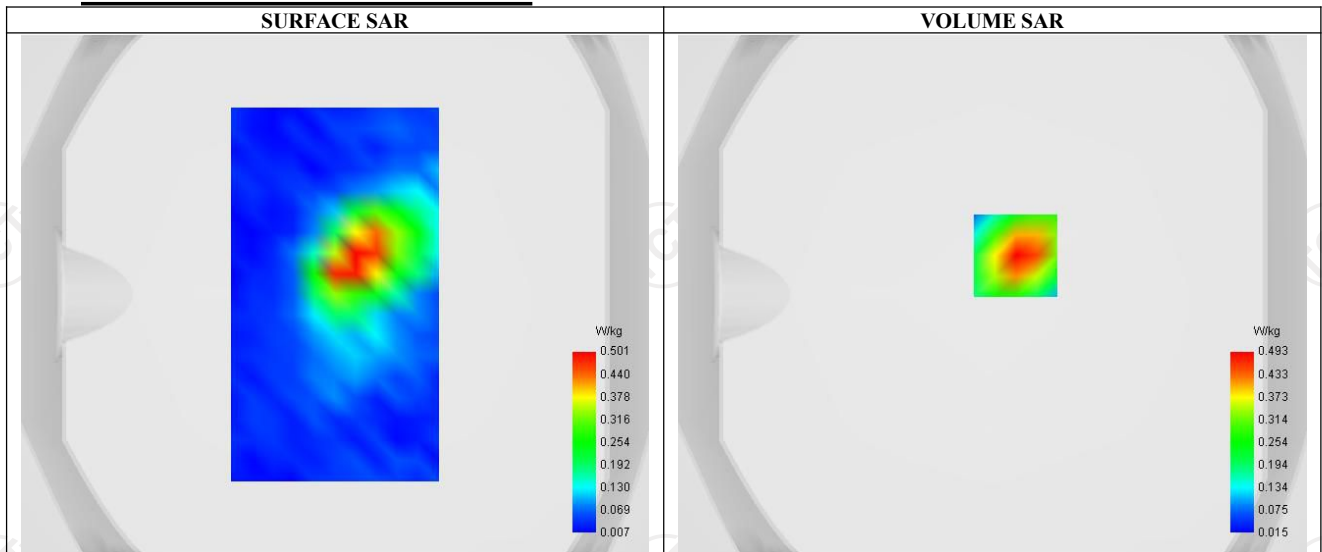
**A. Experimental conditions.**

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	99
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

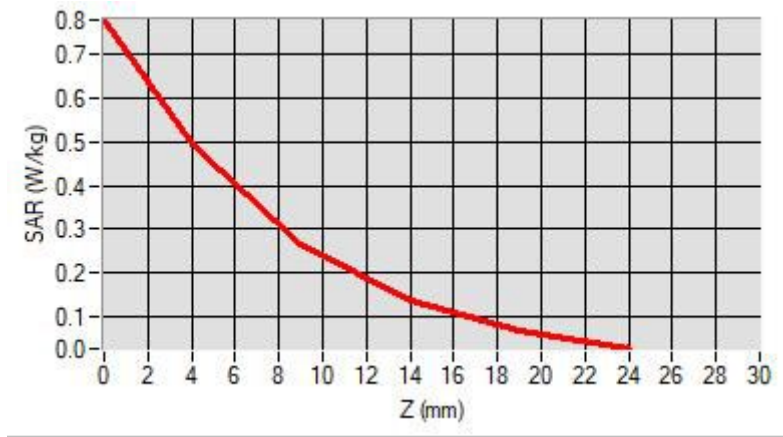
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.228
SAR 1g (W/Kg)	0.451
Variation (%)	-1.579
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

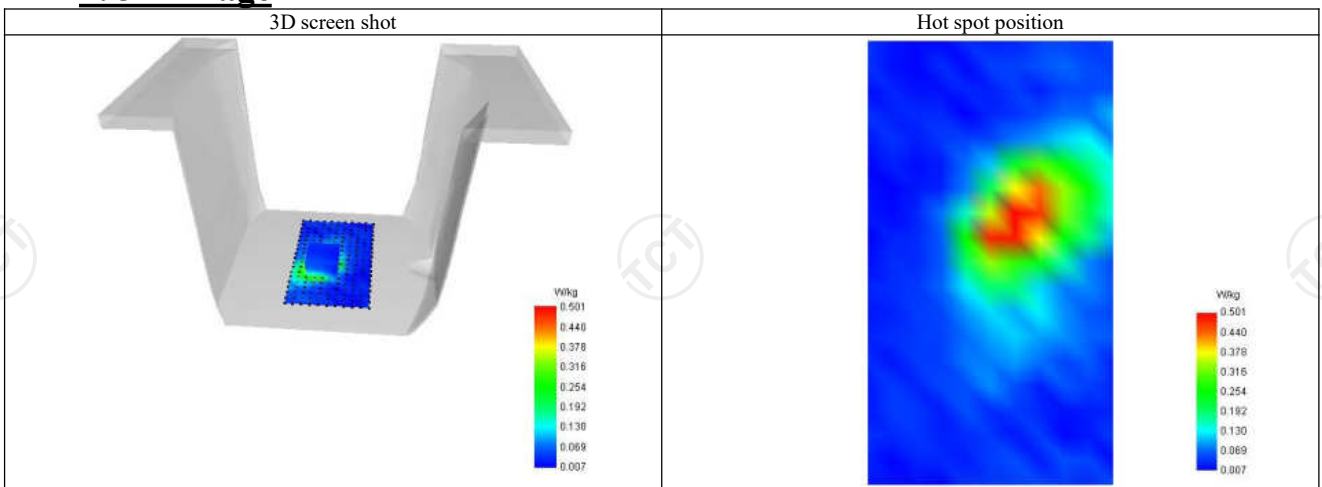
**E. Z Axis Scan**

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: 21/9/2022

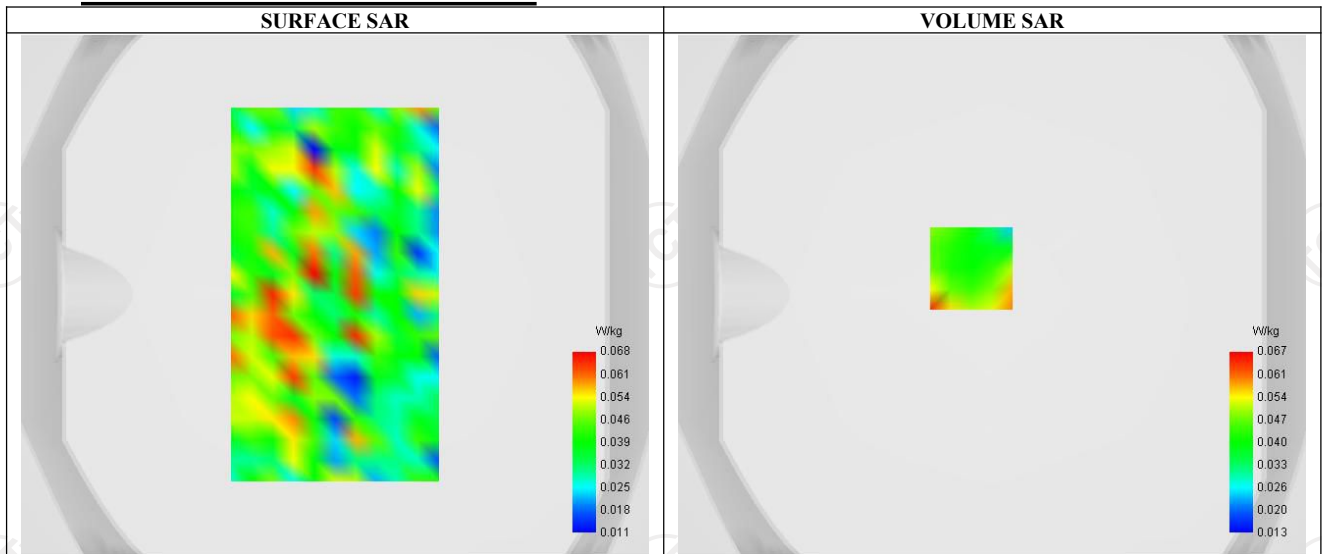
**A. Experimental conditions.**

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	99
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**



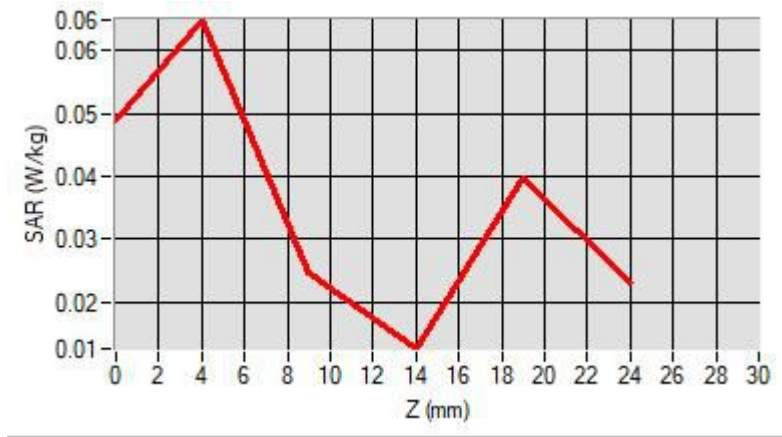
Maximum location: X=-8.00, Y=10.00 ; SAR Peak: 0.14 W/kg

**D. SAR 1g & 10g**

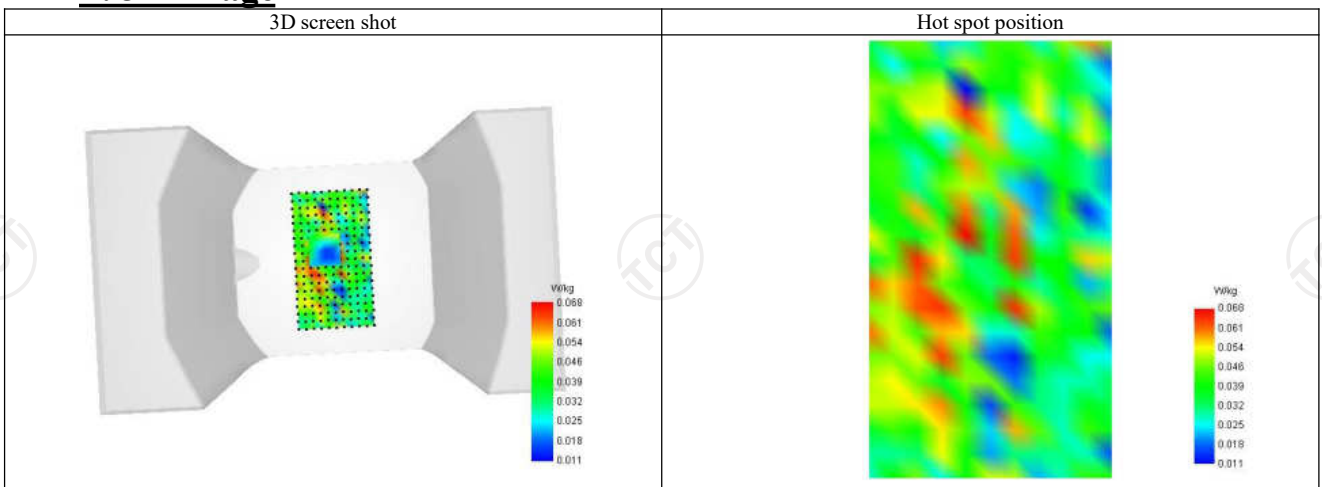
SAR 10g (W/Kg)	0.038
SAR 1g (W/Kg)	0.057
Variation (%)	1.391
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 21/9/2022

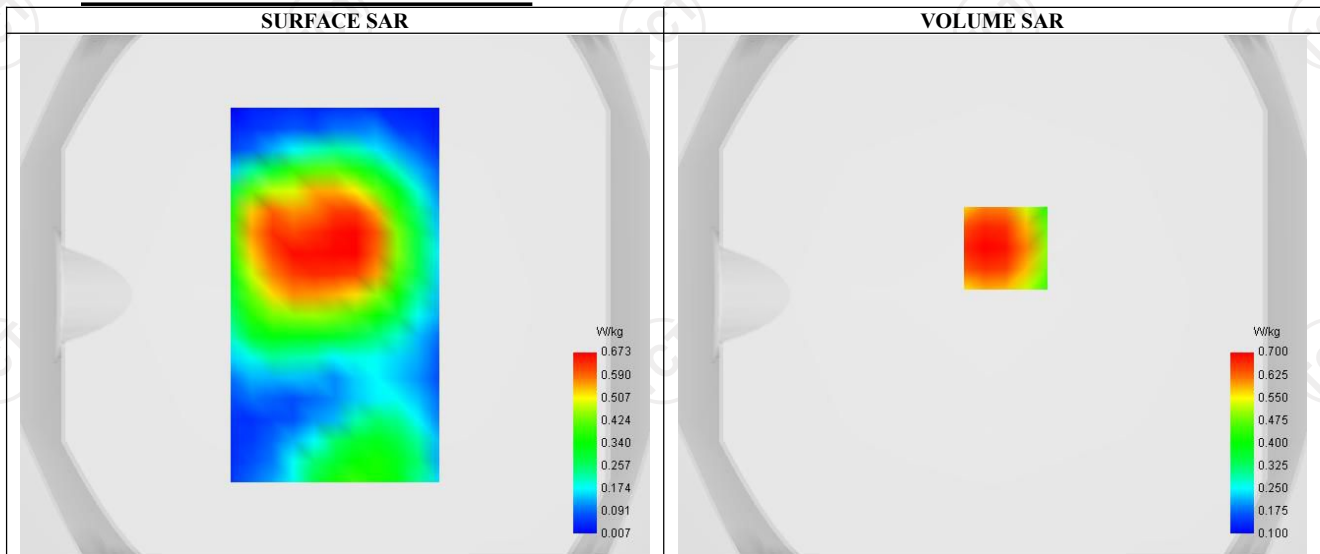
**F. Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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	49
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**



Maximum location: X=5.00, Y=18.00 ; SAR Peak: 0.97 W/kg

**D. SAR 1g & 10g**

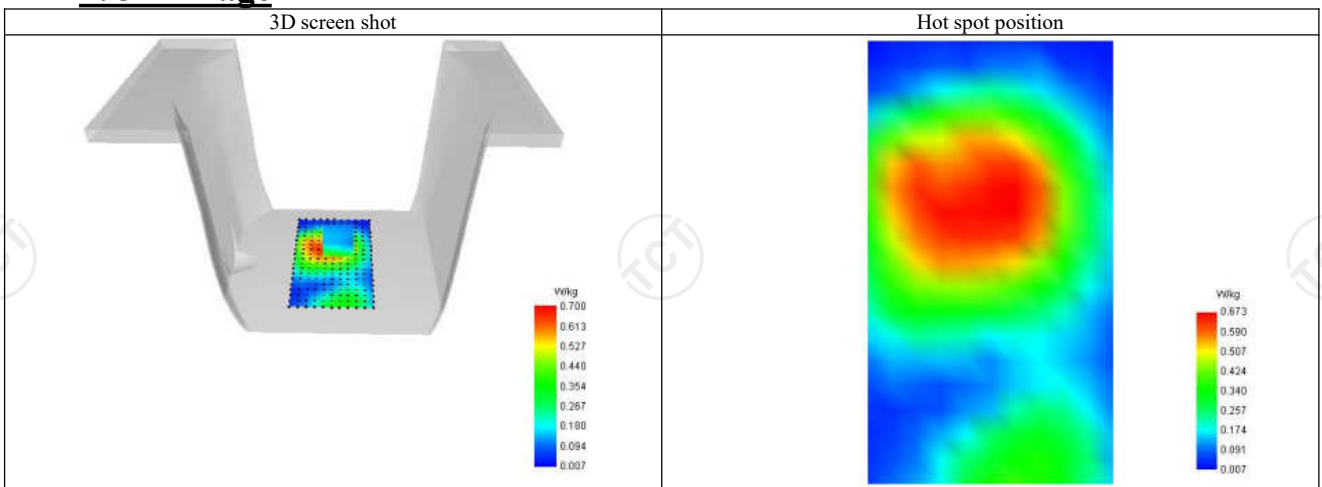
SAR 10g (W/Kg)	0.432
SAR 1g (W/Kg)	0.664
Variation (%)	-1.379
Horizontal validation criteria : minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 21/9/2022

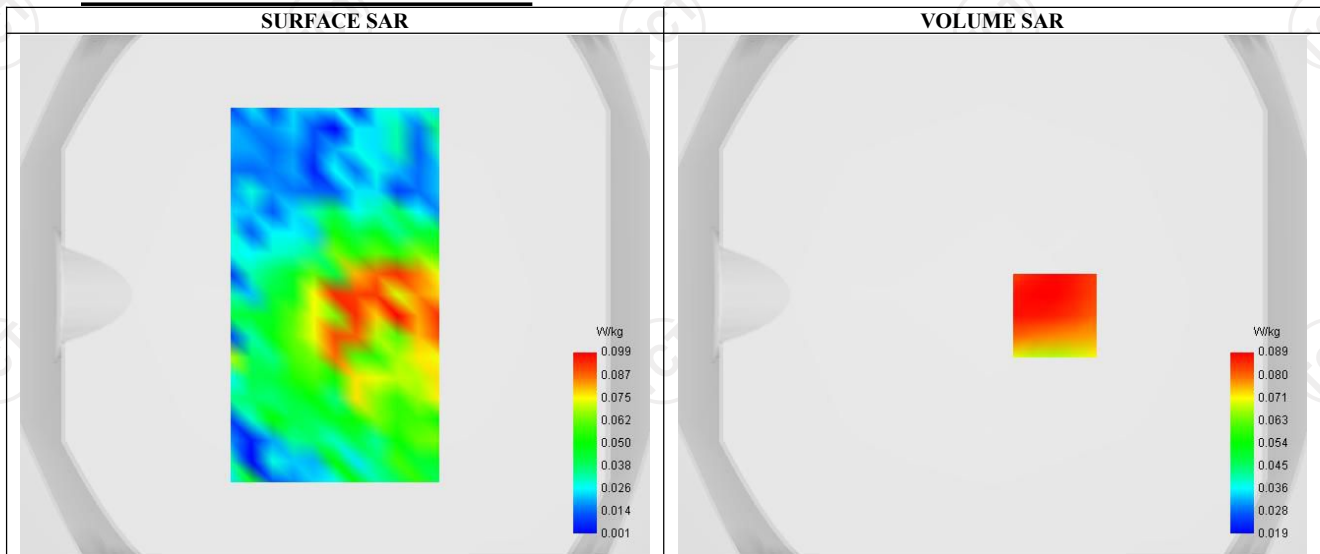
F. **Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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	49
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**



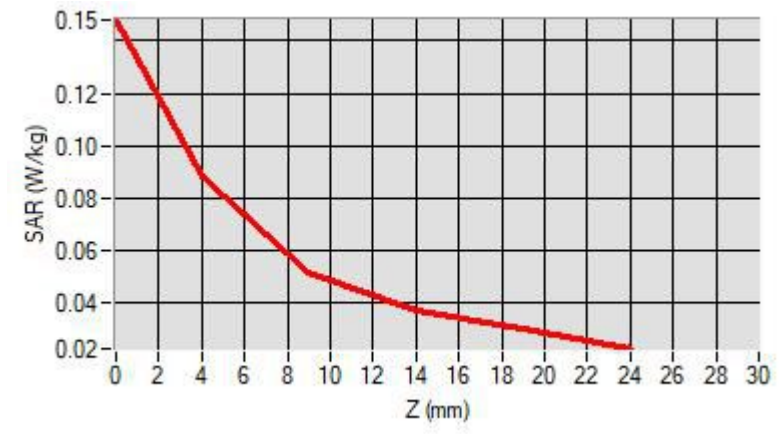
Maximum location: X=24.00, Y=-8.00 ; SAR Peak: 0.13 W/kg

D. **SAR 1g & 10g**

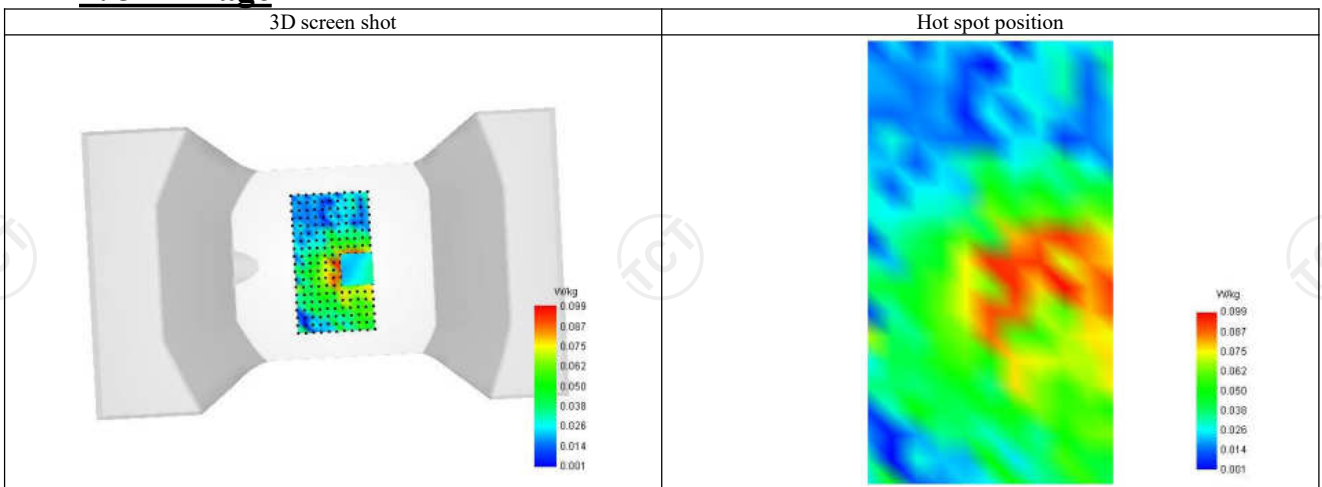
SAR 10g (W/Kg)	0.051
SAR 1g (W/Kg)	0.078
Variation (%)	-0.929
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 19/9/2022

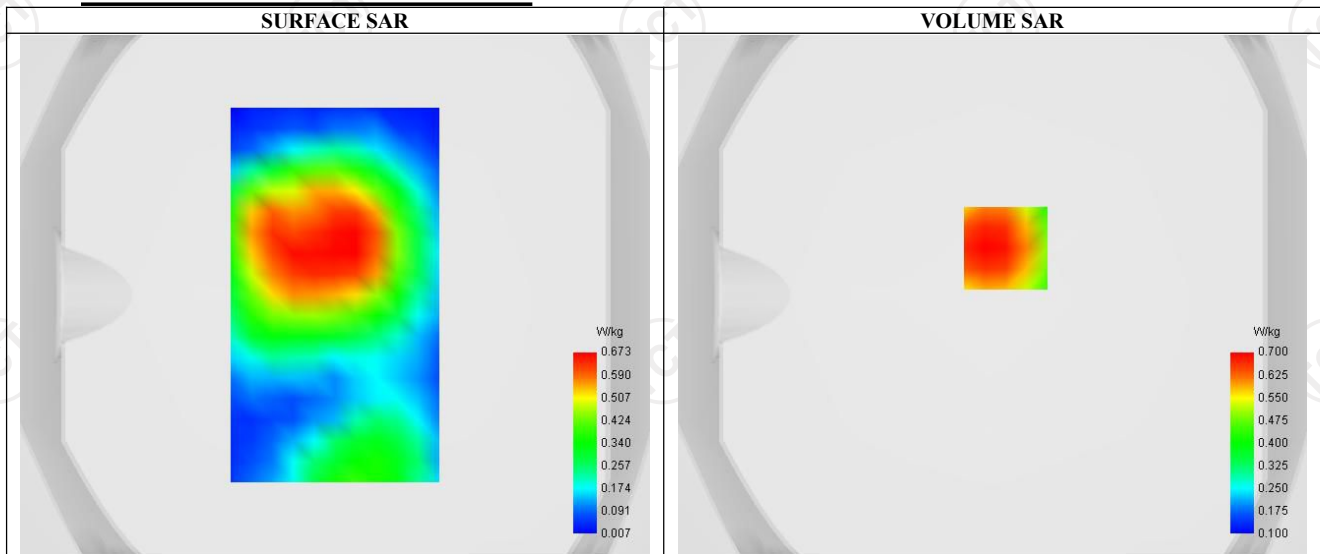
F. **Experimental conditions.**

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**



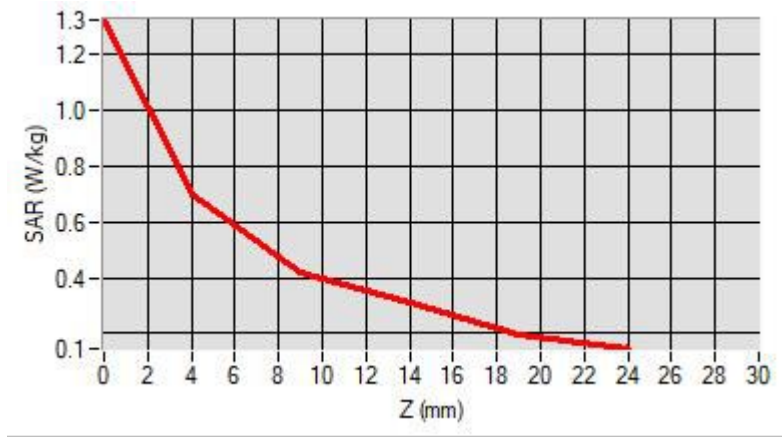
Maximum location: X=5.00, Y=18.00 ; SAR Peak: 0.97 W/kg

D. **SAR 1g & 10g**

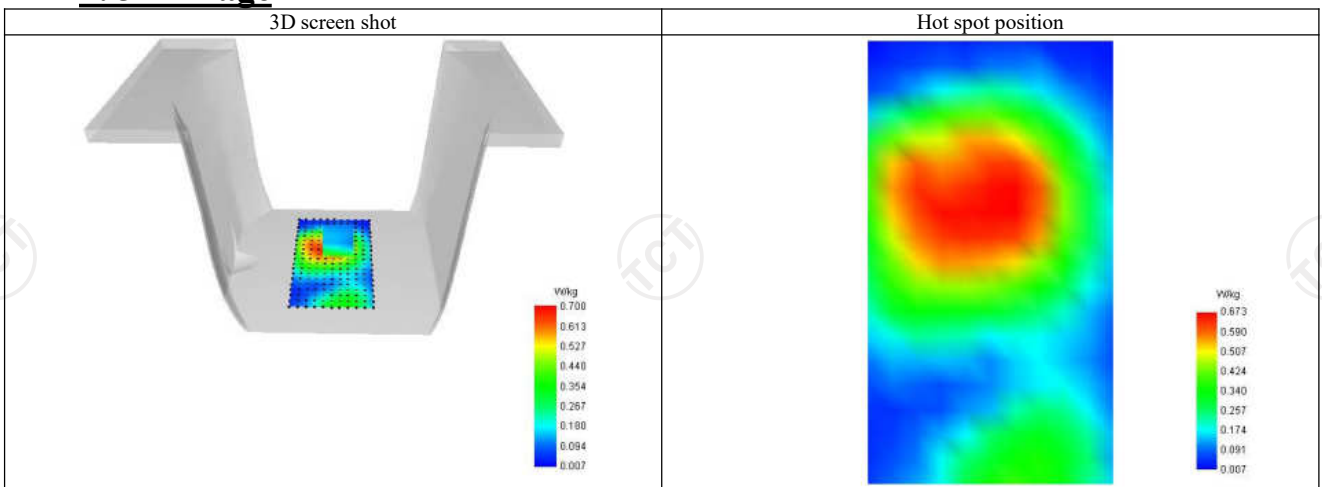
SAR 10g (W/Kg)	0.432
SAR 1g (W/Kg)	0.592
Variation (%)	1.291
Horizontal validation criteria : minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 19/9/2022

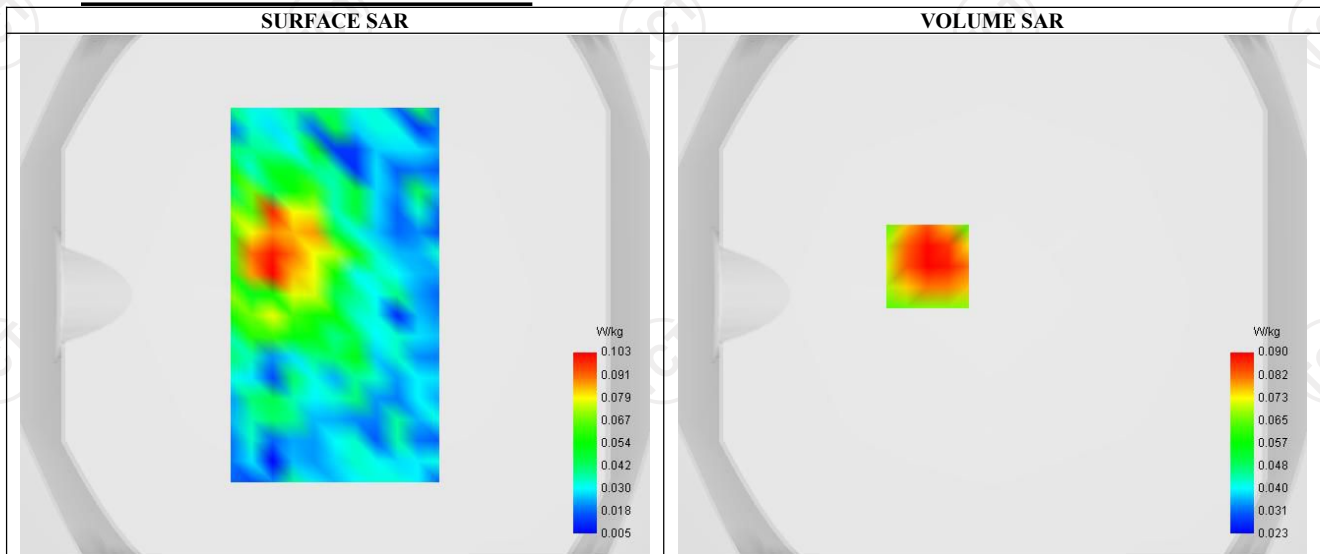
F. **Experimental conditions.**

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**

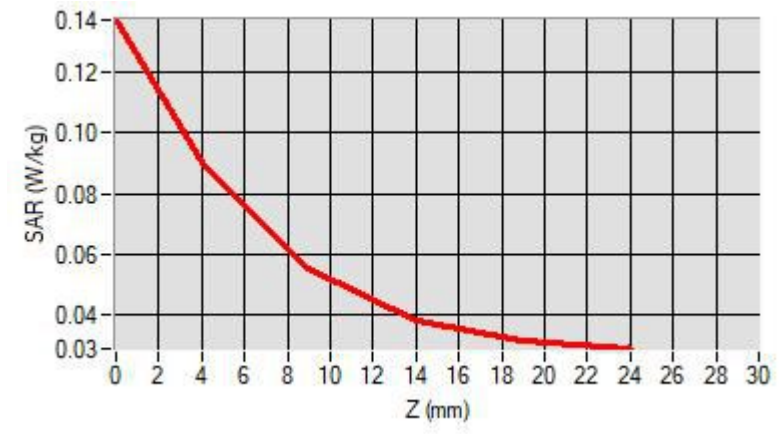


D. **SAR 1g & 10g**

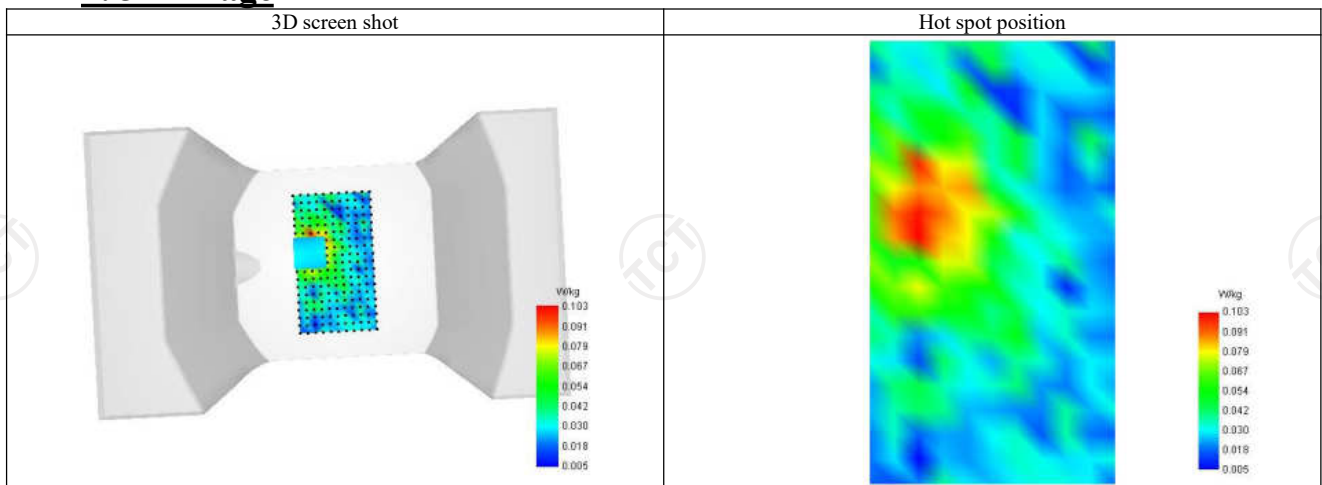
SAR 10g (W/Kg)	0.050
SAR 1g (W/Kg)	0.081
Variation (%)	1.371
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

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: 21/9/2022

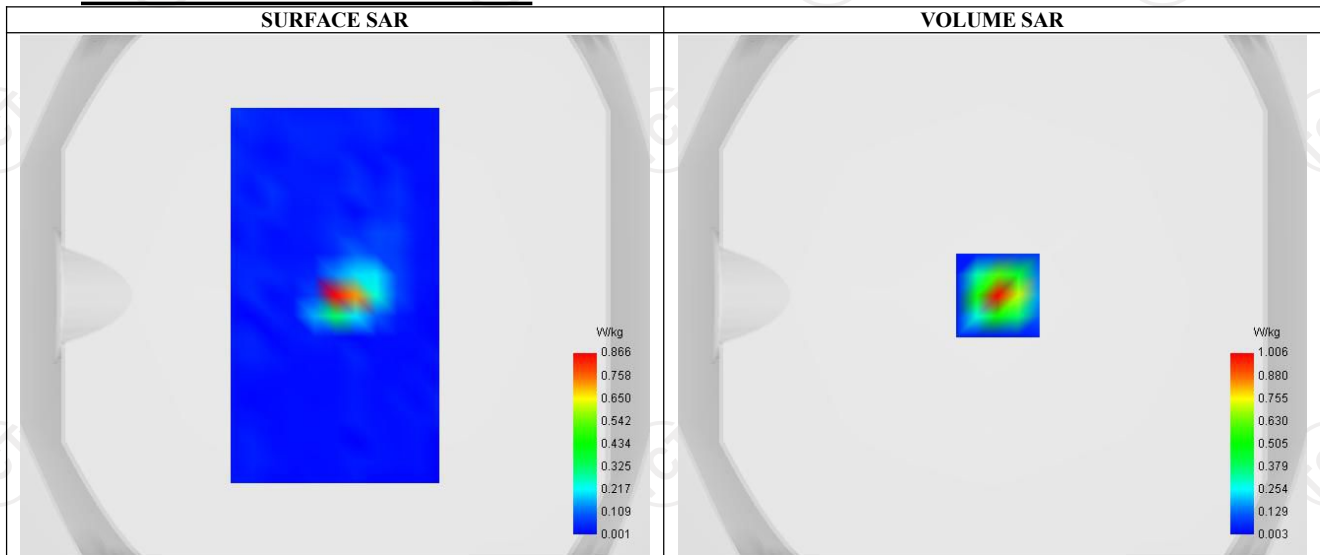
**A. Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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**

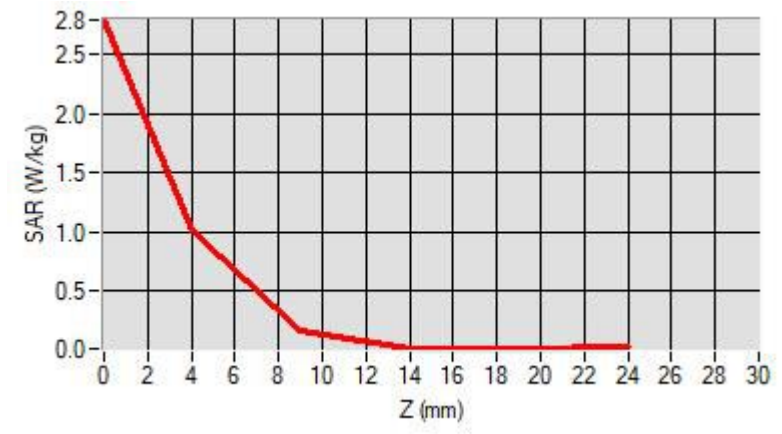


**D. SAR 1g & 10g**

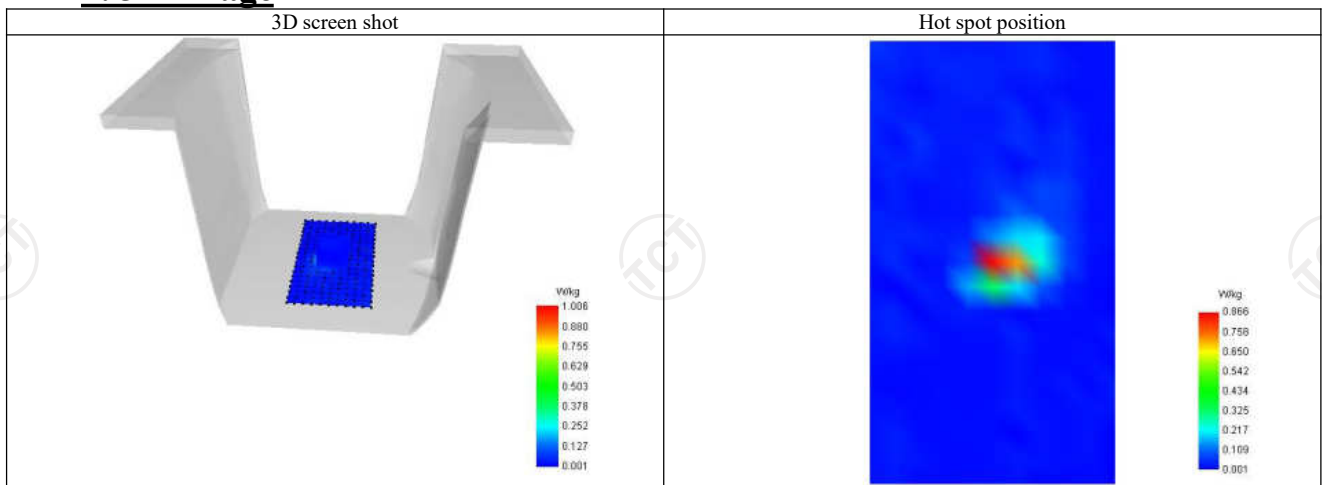
SAR 10g (W/Kg)	0.288
SAR 1g (W/Kg)	0.724
Variation (%)	0.992
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

**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: 21/9/2022

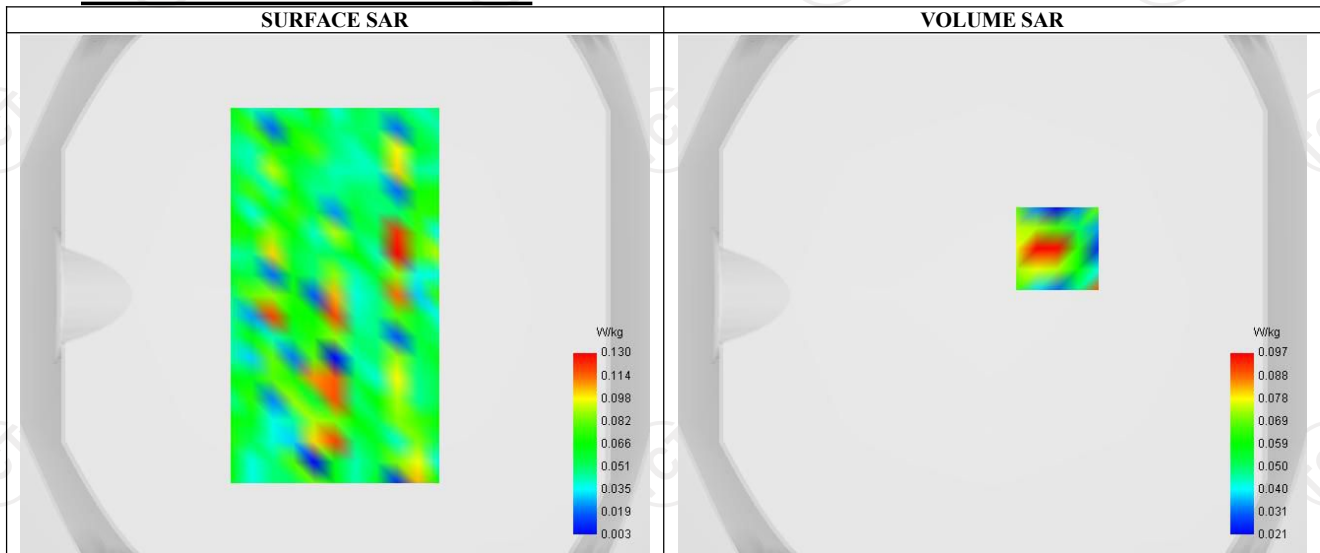
**A. Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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

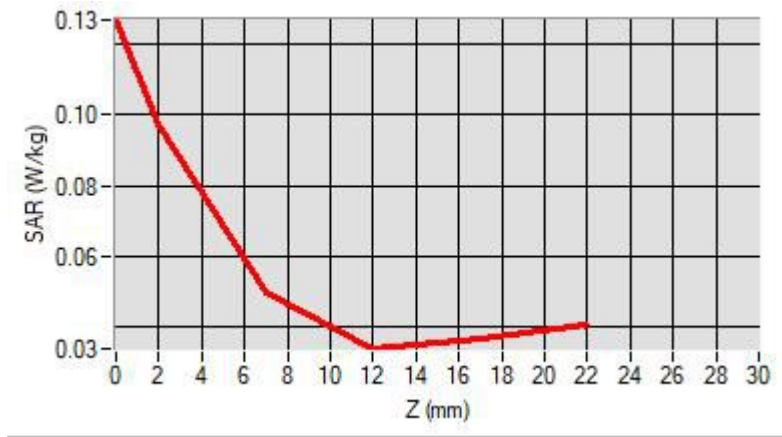
**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.067
SAR 1g (W/Kg)	0.085
Variation (%)	1.116
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

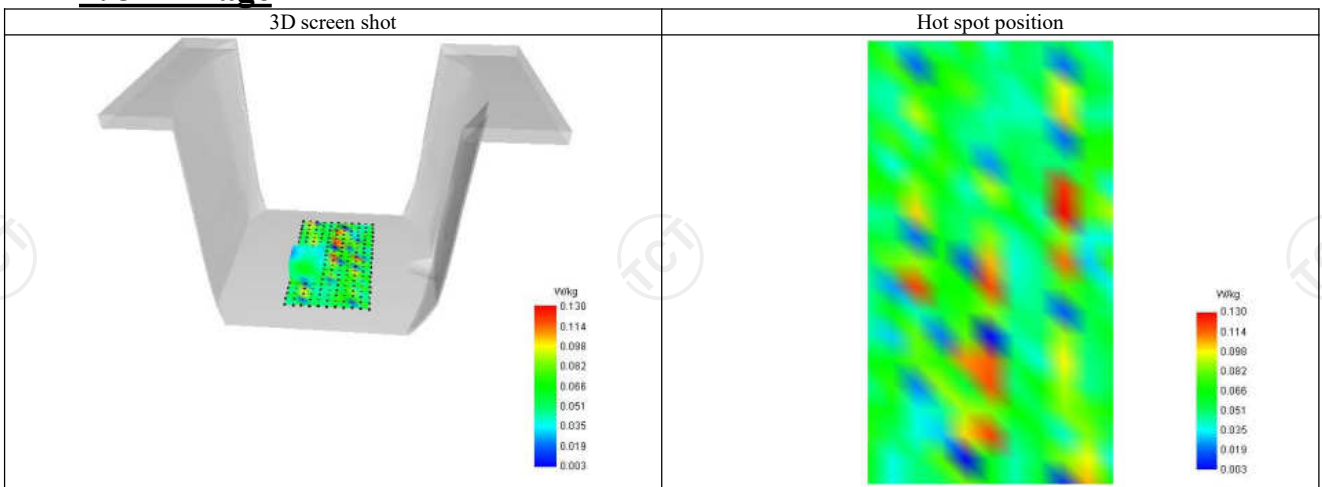
**E. Z Axis Scan**

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: 22/9/2022

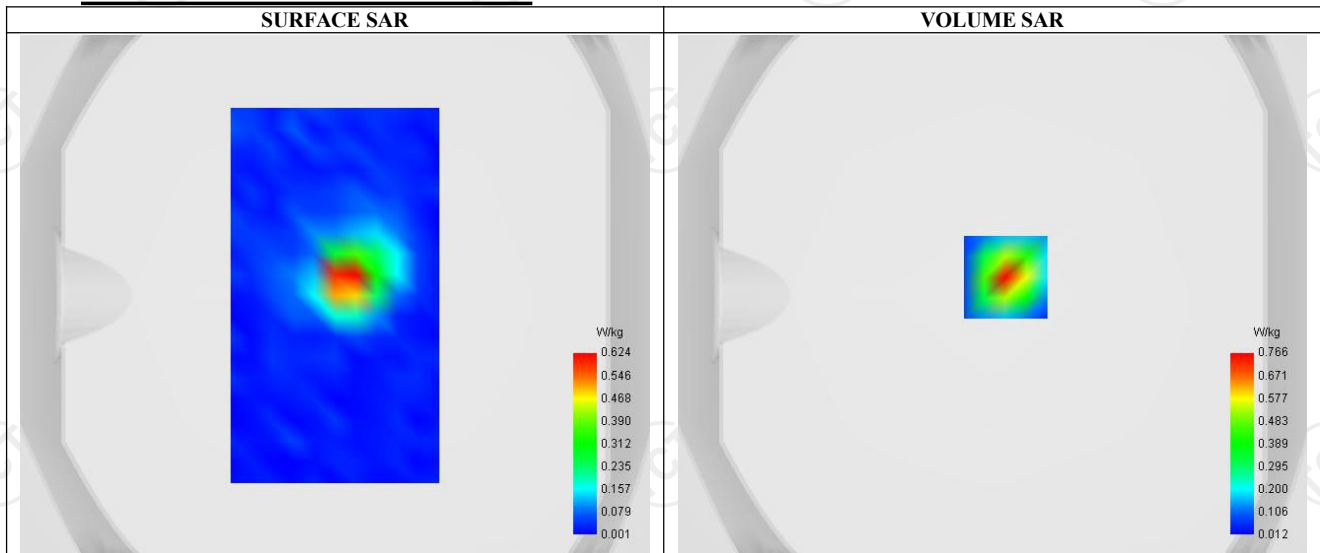
**A. Experimental conditions.**

Probe	SSE2 (SN 36/20 EPGO346)
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**

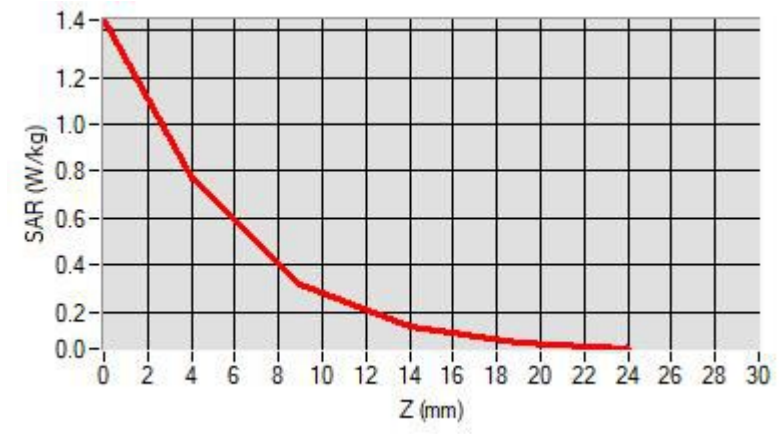


**D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.271
SAR 1g (W/Kg)	0.579
Variation (%)	-0.939
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**

