

## WCDMA BAND2

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: H1950 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 39.82$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.22, 8.22, 8.22); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.946W/kg

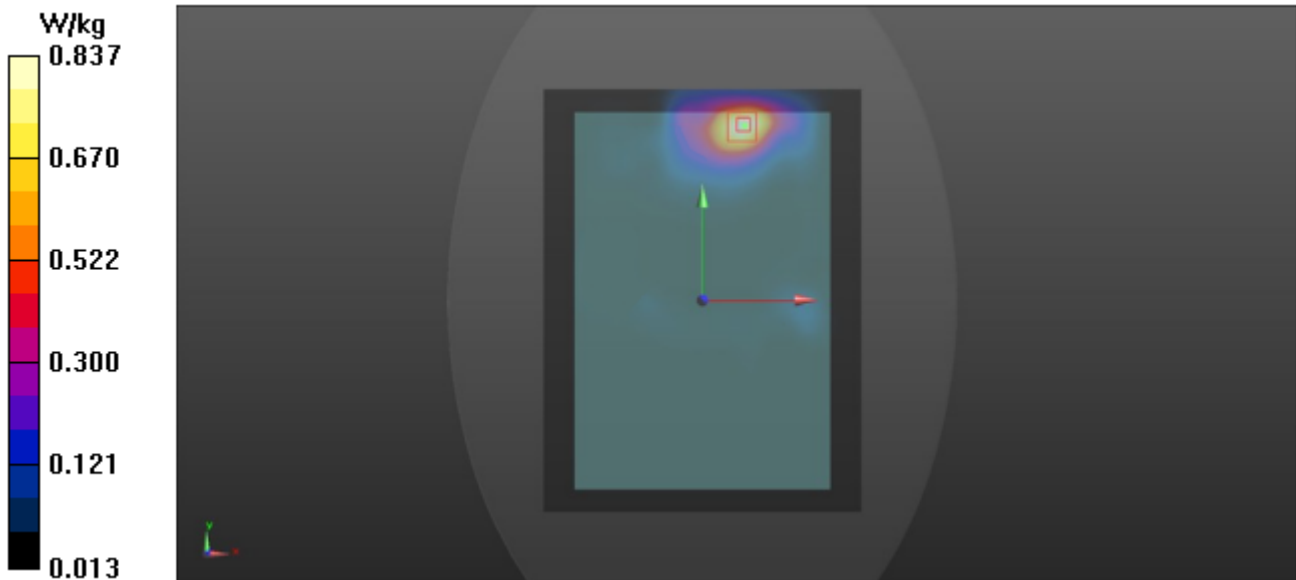
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.517 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.428 W/kg**

Maximum value of SAR (measured) = 0.837 W/kg



## WCDMA BAND4

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: H1750 Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.347$  S/m;  $\epsilon_r =$

$39.541$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.55, 8.55, 8.55); Calibrated: 2022/4/18;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231

- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

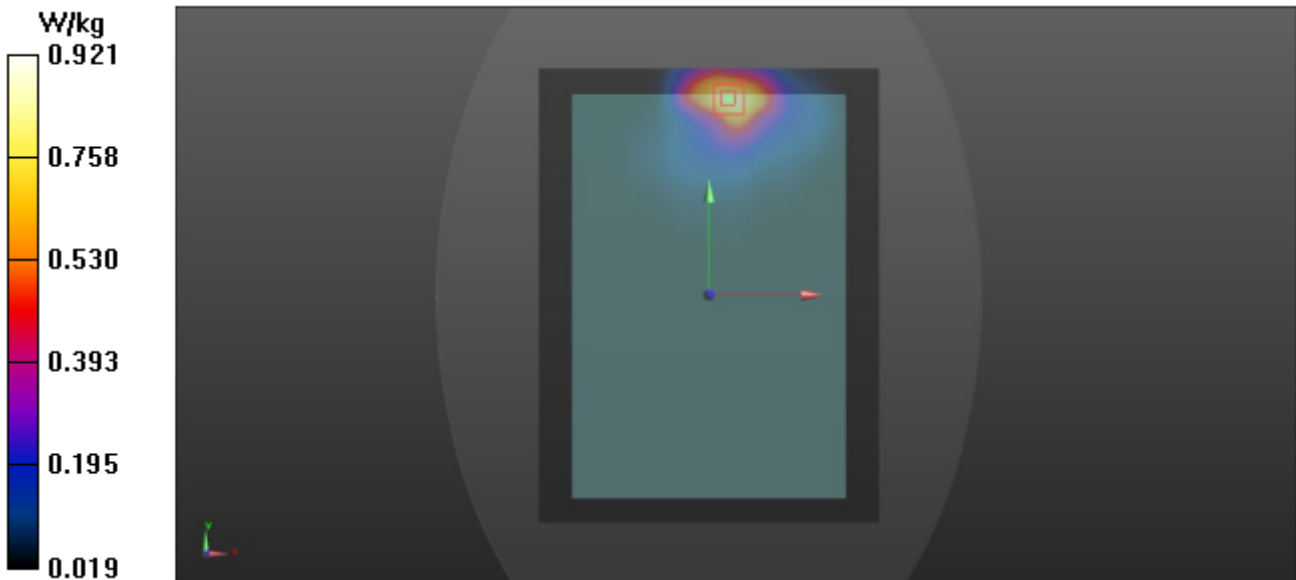
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.857 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.446 W/kg**

Maximum value of SAR (measured) = 0.921 W/kg



## WCDMA BAND5

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.3, 10.3, 10.3); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.615 W/kg

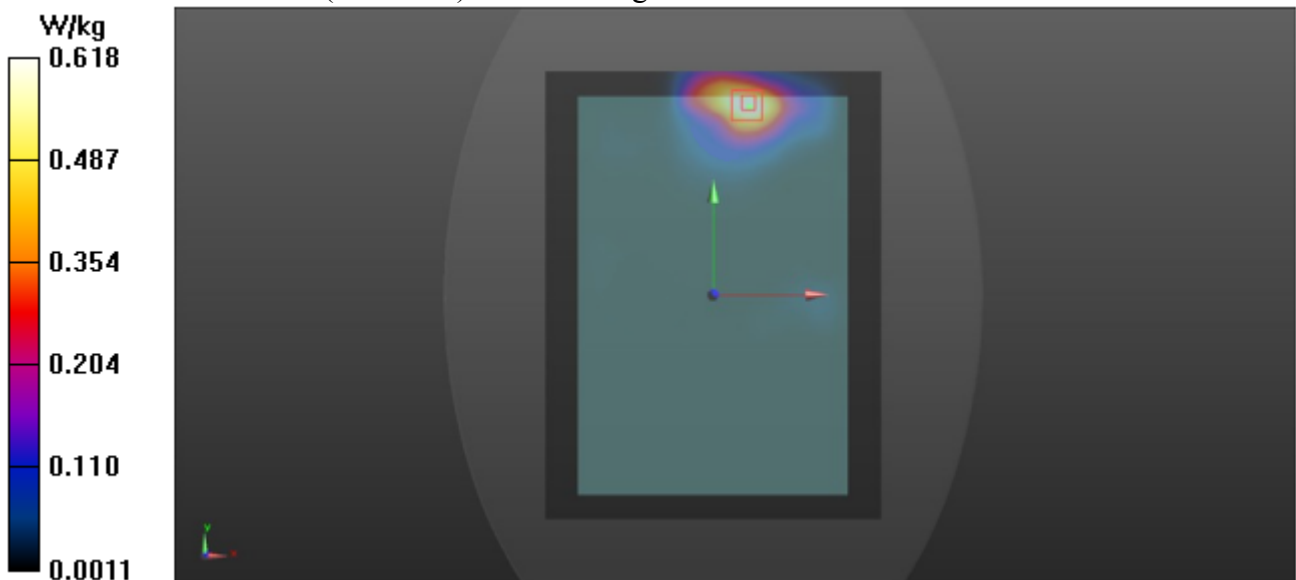
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.329 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.375 W/kg**

Maximum value of SAR (measured) = 0.618 W/kg



## LTE BAND2

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H1950 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 39.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

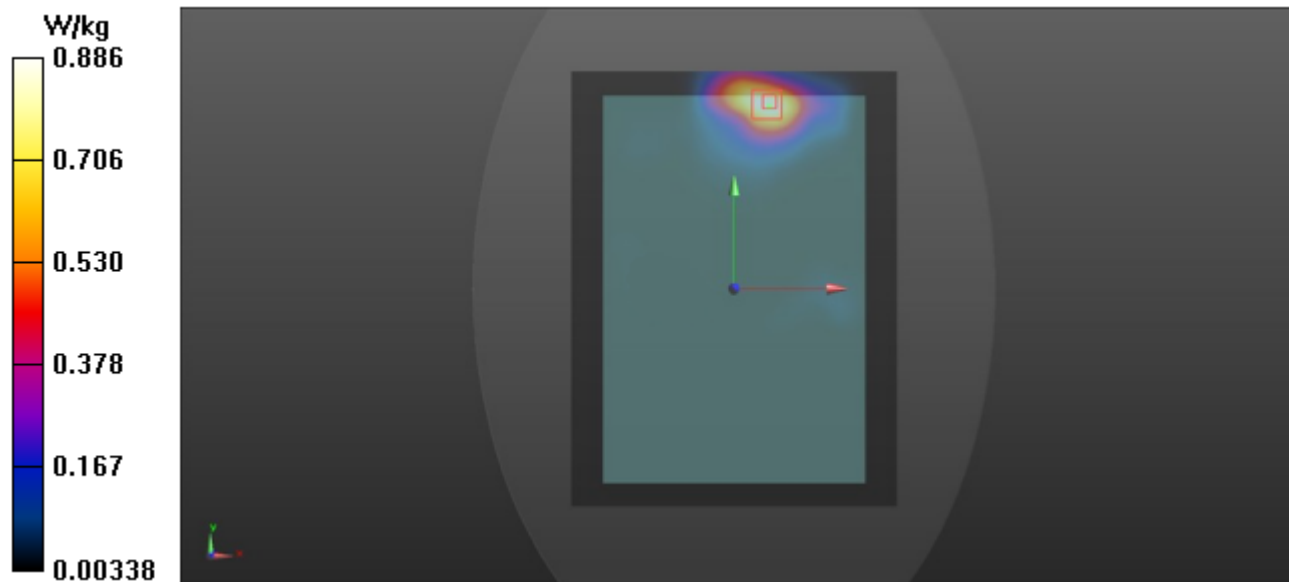
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.22, 8.22, 8.22); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.907 W/kg

**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.397 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 1.20 W/kg  
**SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.420 W/kg**  
Maximum value of SAR (measured) = 0.886 W/kg



## LTE BAND7

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: H2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.029$  S/m;  $\epsilon_r = 38.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.96, 7.96, 7.96); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 1.00 W/kg

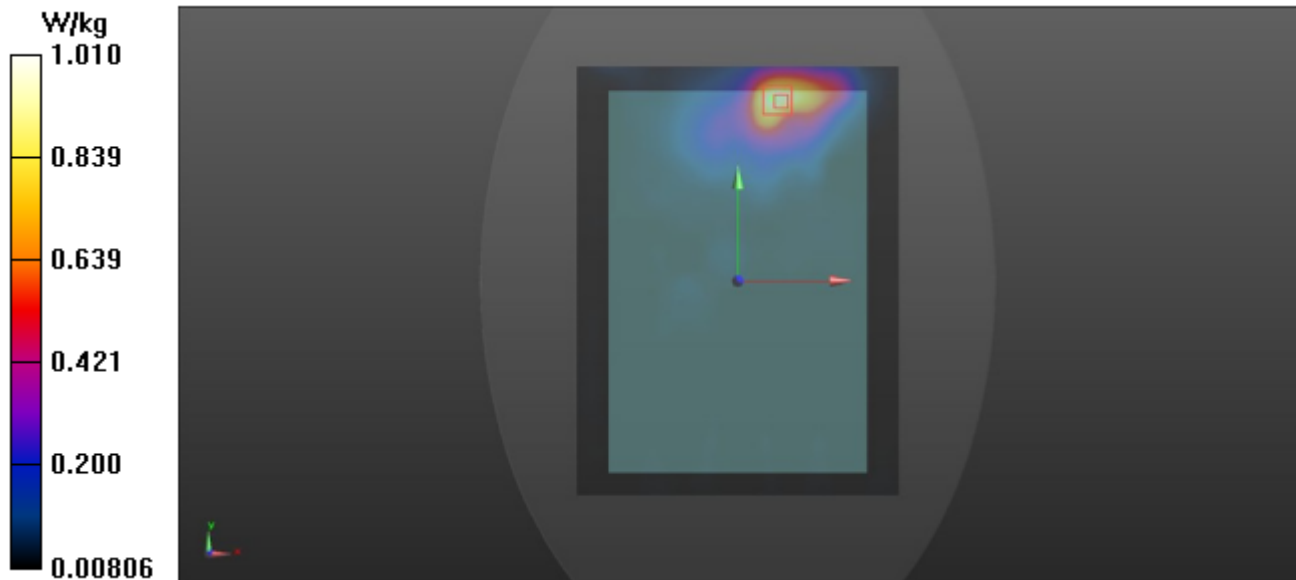
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.769 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.483 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



## LTE BAND12

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1

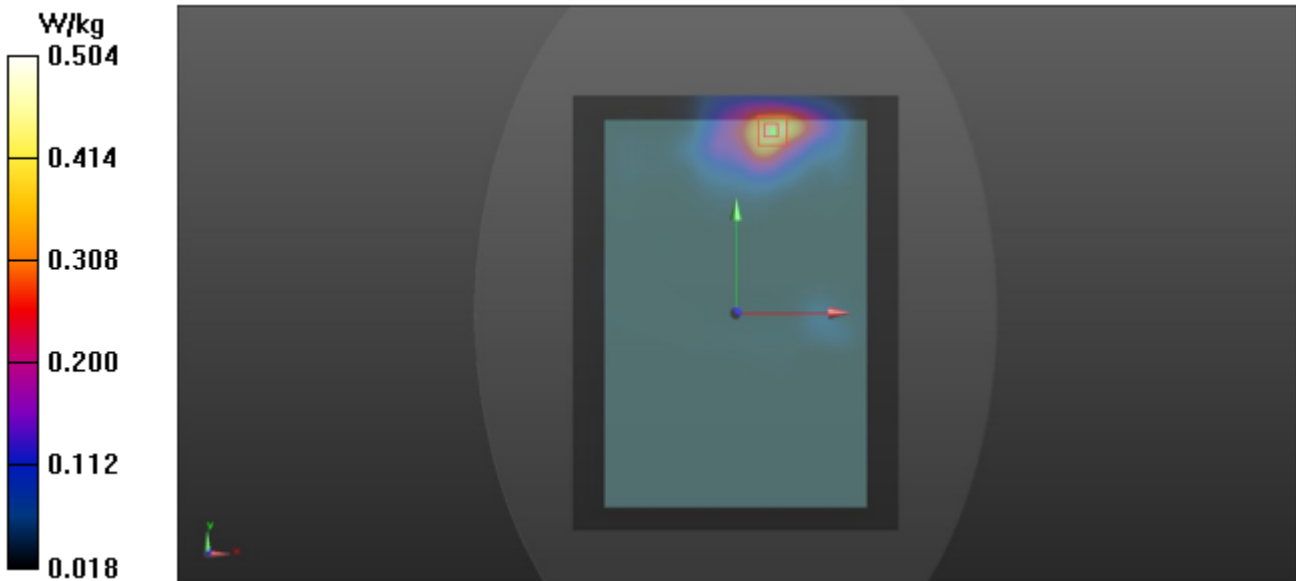
Medium: H750 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 41.547$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.6, 10.6, 10.6); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid:  $dx=2.000 \text{ mm}$ ,  $dy=2.000 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.432 \text{ W/kg}$

**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $4.597 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$   
Peak SAR (extrapolated) =  $0.553 \text{ W/kg}$   
**SAR(1 g) =  $0.447 \text{ W/kg}$ ; SAR(10 g) =  $0.267 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.504 \text{ W/kg}$



## LTE BAND13

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

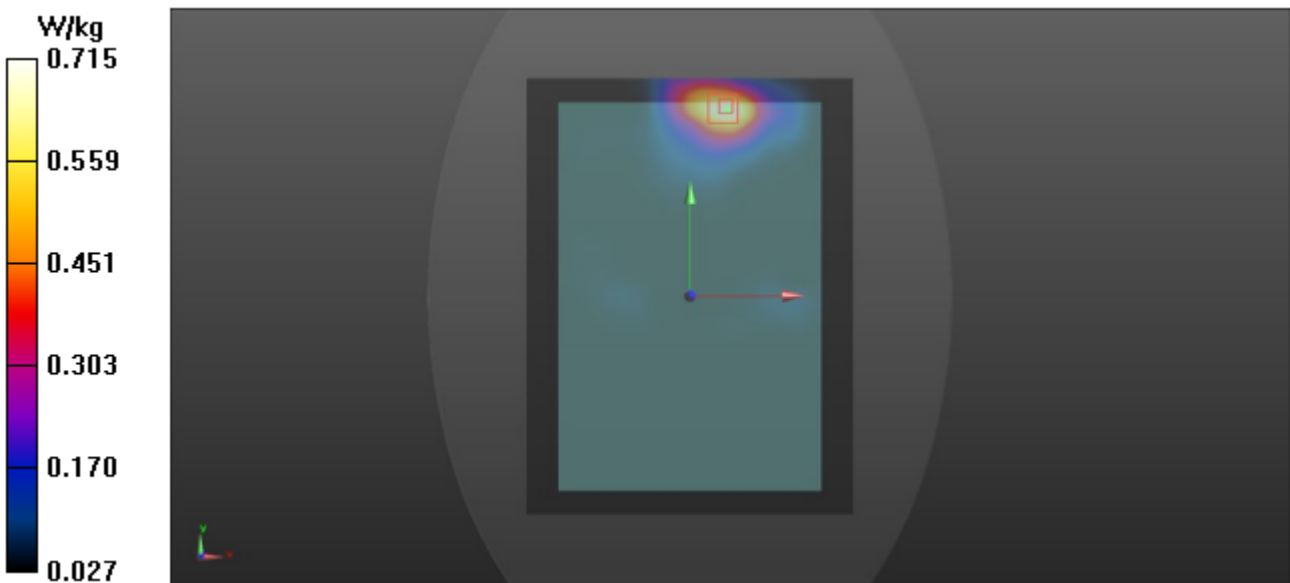
Medium: H750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.927 \text{ S/m}$ ;  $\epsilon_r = 41.594$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.6, 10.6, 10.6); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid:  $dx=2.000 \text{ mm}$ ,  $dy=2.000 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.616 \text{ W/kg}$

**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $3.007 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$   
Peak SAR (extrapolated) =  $0.672 \text{ W/kg}$   
**SAR(1 g) =  $0.622 \text{ W/kg}$ ; SAR(10 g) =  $0.413 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.715 \text{ W/kg}$



## LTE BAND26

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.861$  S/m;  $\epsilon_r = 41.773$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.3, 10.3, 10.3); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.490 W/kg

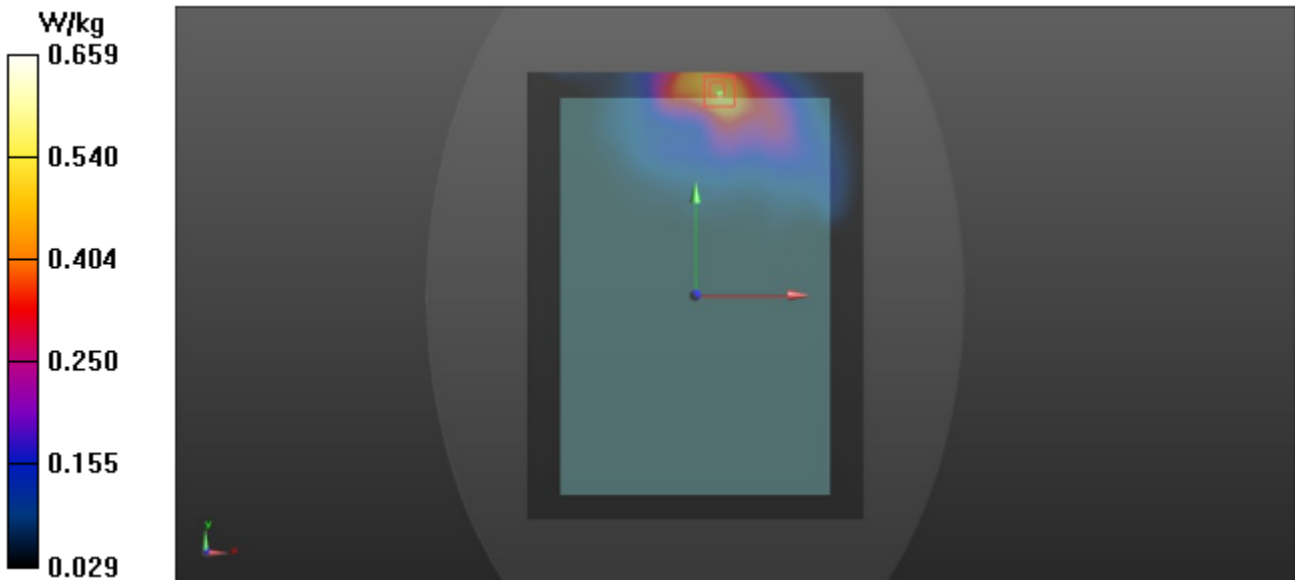
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.059 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.666 W/kg

**SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.339 W/kg**

Maximum value of SAR (measured) = 0.659 W/kg





## LTE BAND41

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1

Medium: H2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.089$  S/m;  $\epsilon_r = 38.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

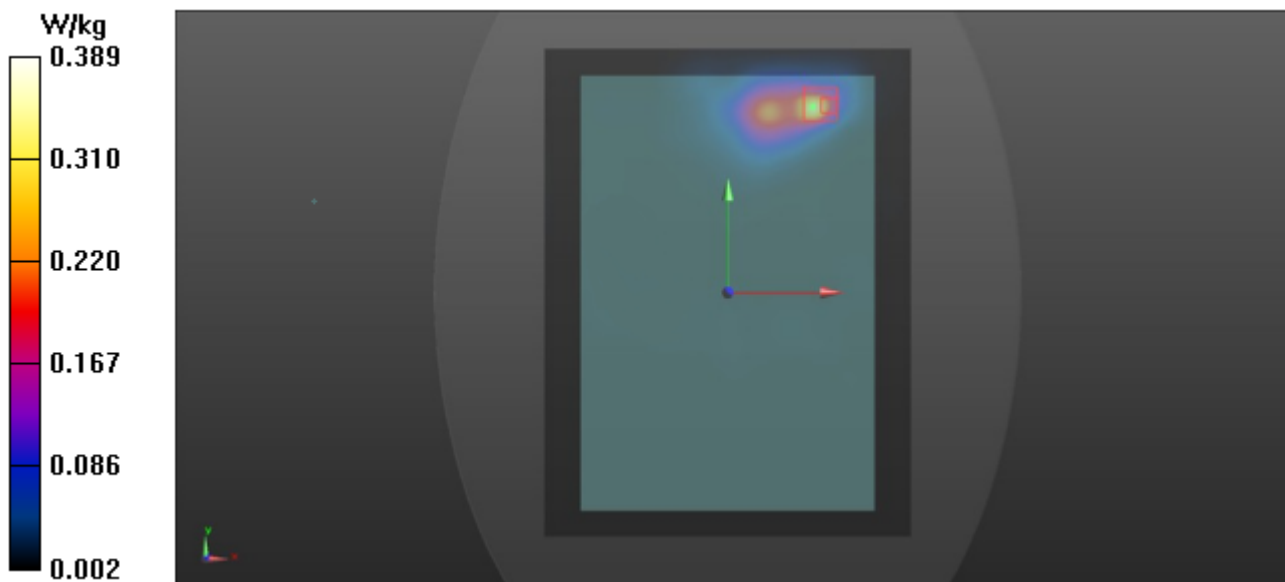
Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.72, 7.72, 7.72); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.401 W/kg

**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.27 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.569 W/kg  
**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.162 W/kg**  
Maximum value of SAR (measured) = 0.389 W/kg



## LTE BAND66

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: H1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 39.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.55, 8.55, 8.55); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 1.21 W/kg

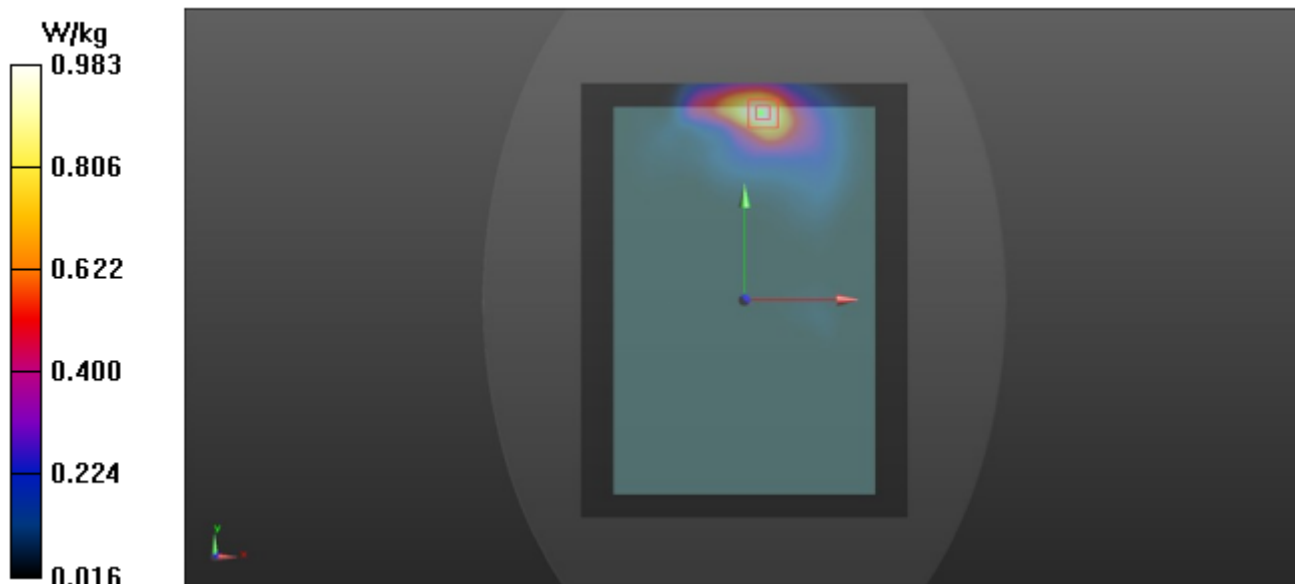
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.089 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.439 W/kg**

Maximum value of SAR (measured) = 0.983 W/kg



## 802.11b\_BACK

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.754$  S/m;  $\epsilon_r = 40.119$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.96, 7.96, 7.96); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.414 W/kg

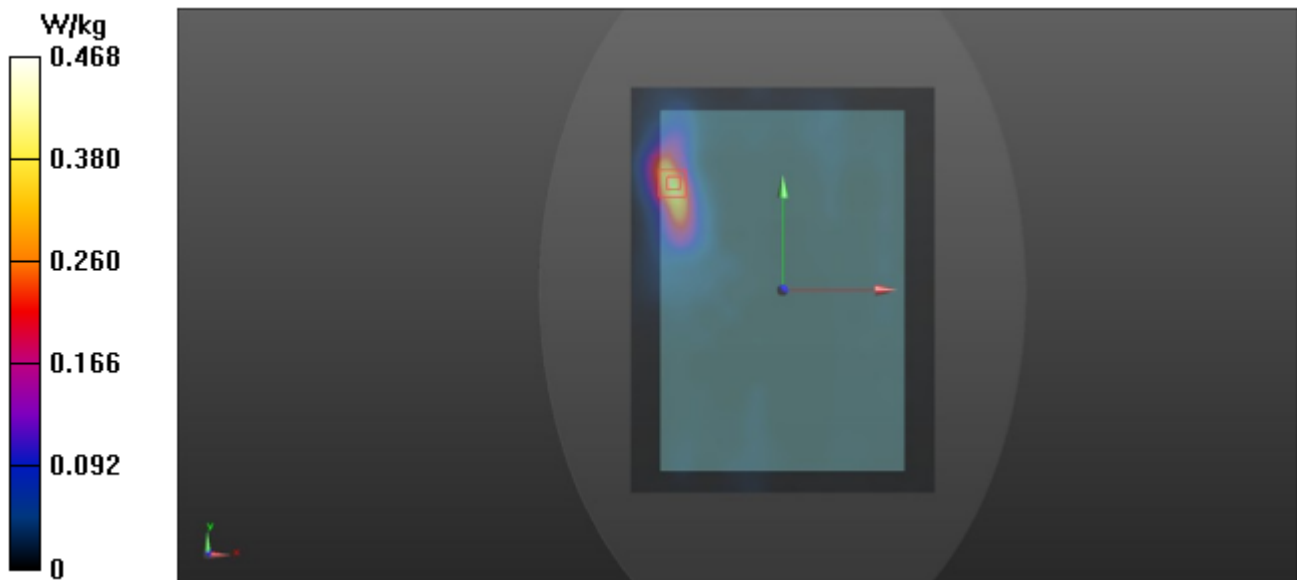
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.384 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 0.468 W/kg



### 802.11a\_BACK

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.728$  S/m;  $\epsilon_r = 36.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

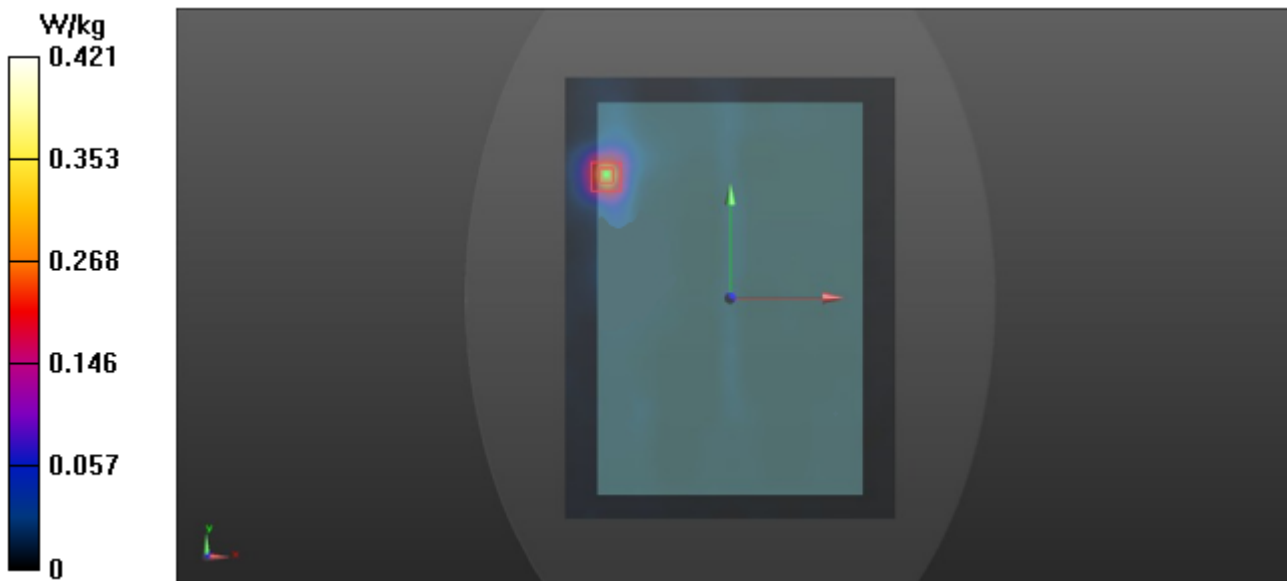
Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.16, 5.16, 5.16); Calibrated: 2022/4/18;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.448 W/kg

**Body Back/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 2.692 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.811 W/kg  
**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.092 W/kg**  
Maximum value of SAR (measured) = 0.421 W/kg



### 802.11a\_BACK

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.159$  S/m;  $\epsilon_r = 36.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

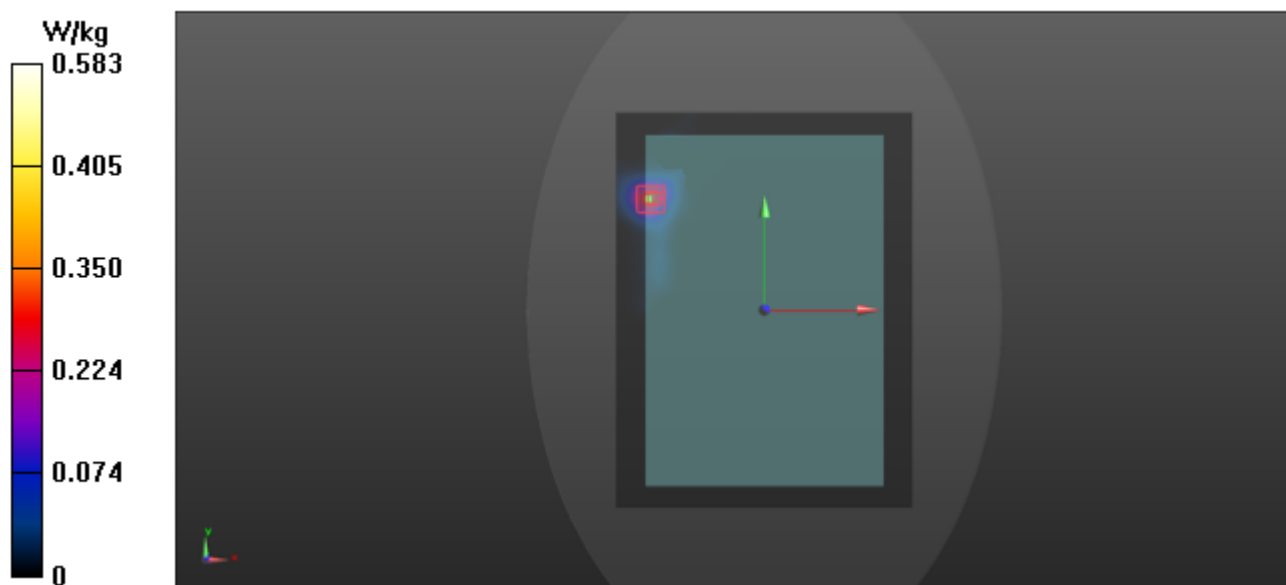
Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.47, 4.47, 4.47); Calibrated: 2022/4/18;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.843 W/kg

**Body Back/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 2.294 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.01 W/kg  
**SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.108 W/kg**  
Maximum value of SAR (measured) = 0.583 W/kg



## 802.11a\_BACK

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.318$  S/m;  $\epsilon_r = 35.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.57, 4.57, 4.57); Calibrated: 2022/4/18;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (121x161x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 0.682 W/kg

**Body Back/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 3.125 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.952 W/kg  
**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.087 W/kg**  
Maximum value of SAR (measured) = 0.475 W/kg

