

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/m³

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) = 0.946 W/kg

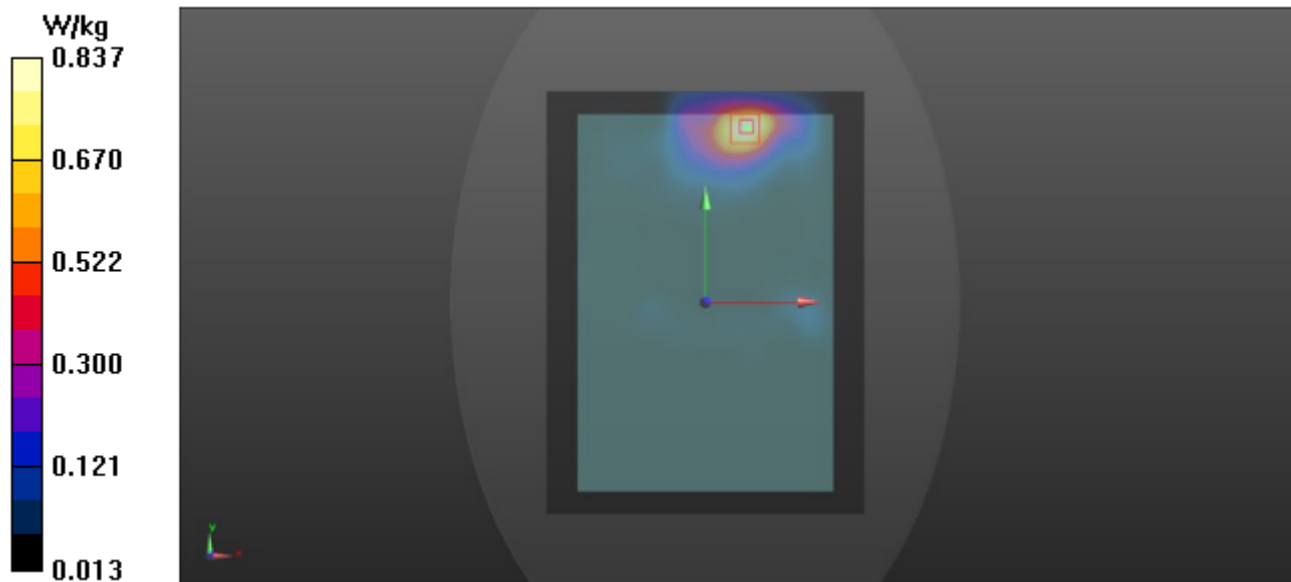
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

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

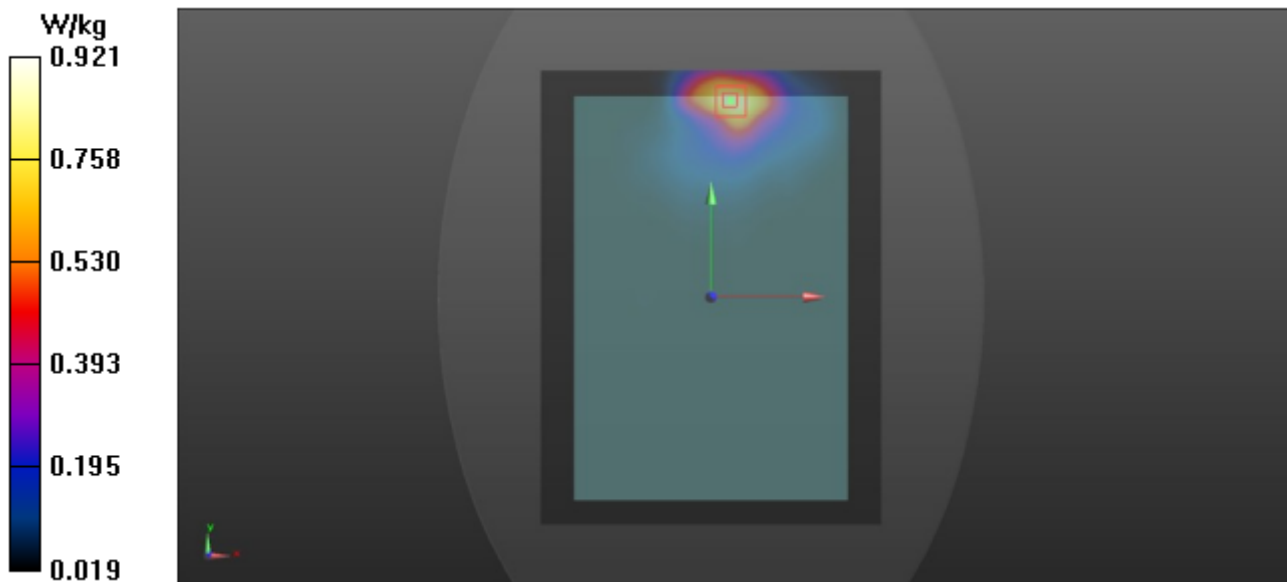
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

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

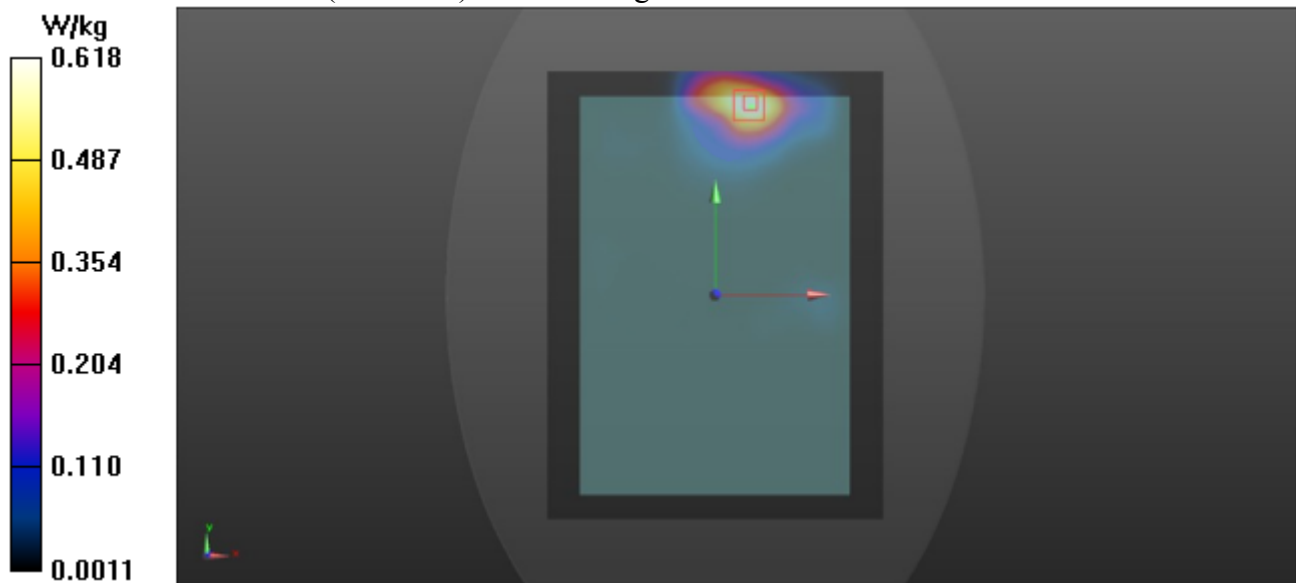
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

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

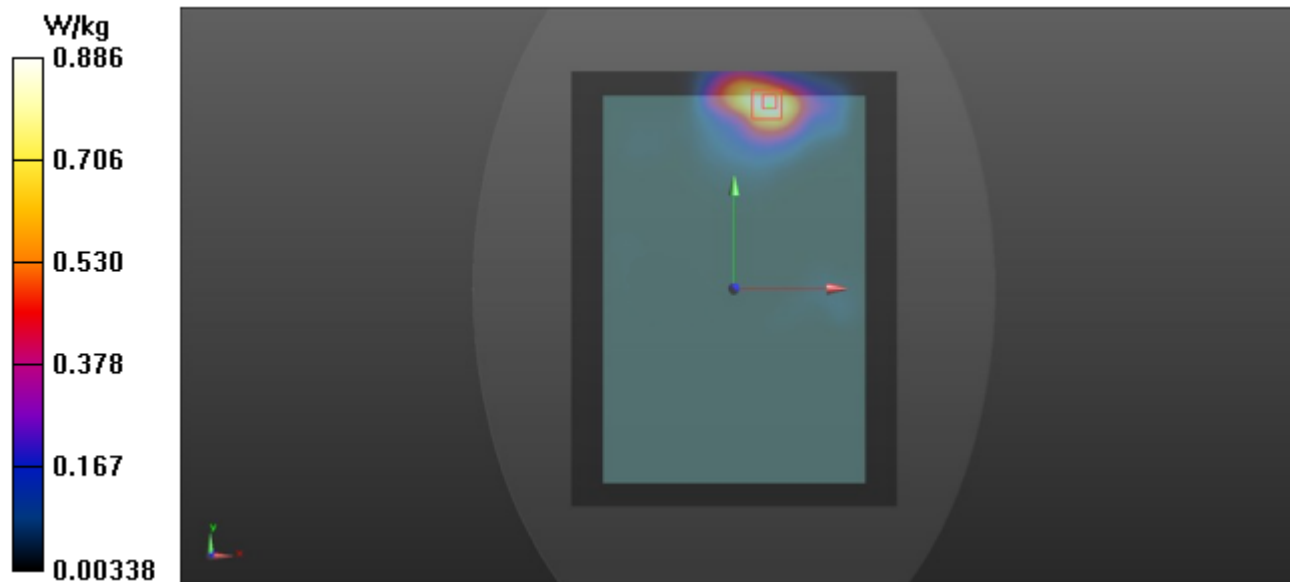
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

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

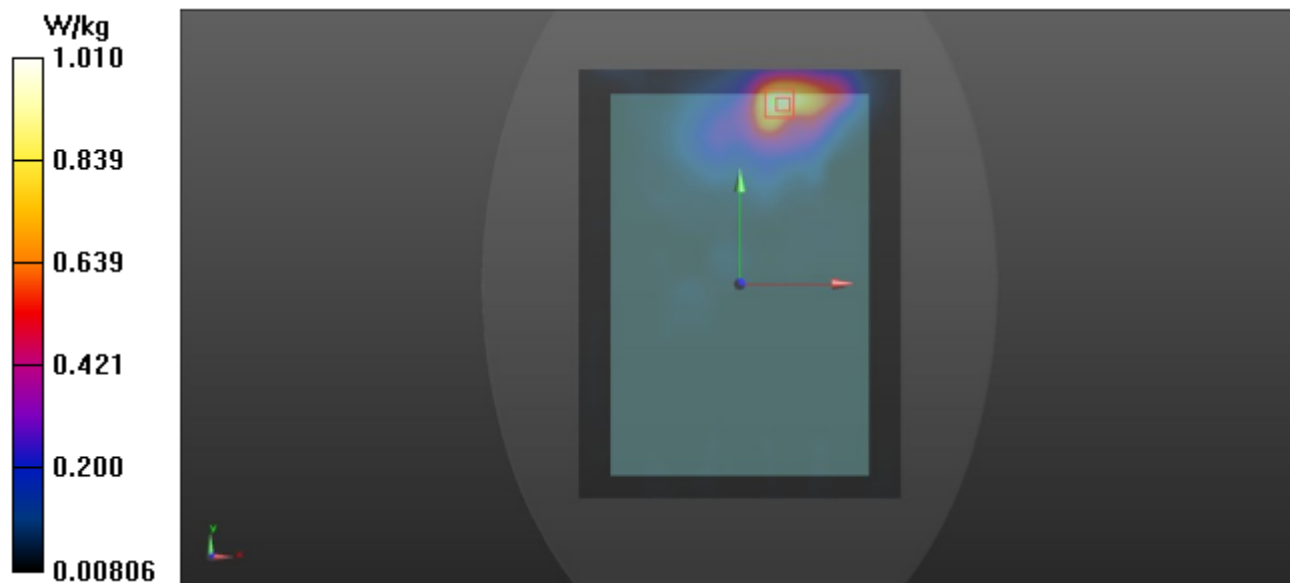
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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: $f = 711$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.547$; $\rho = 1000$ kg/m³

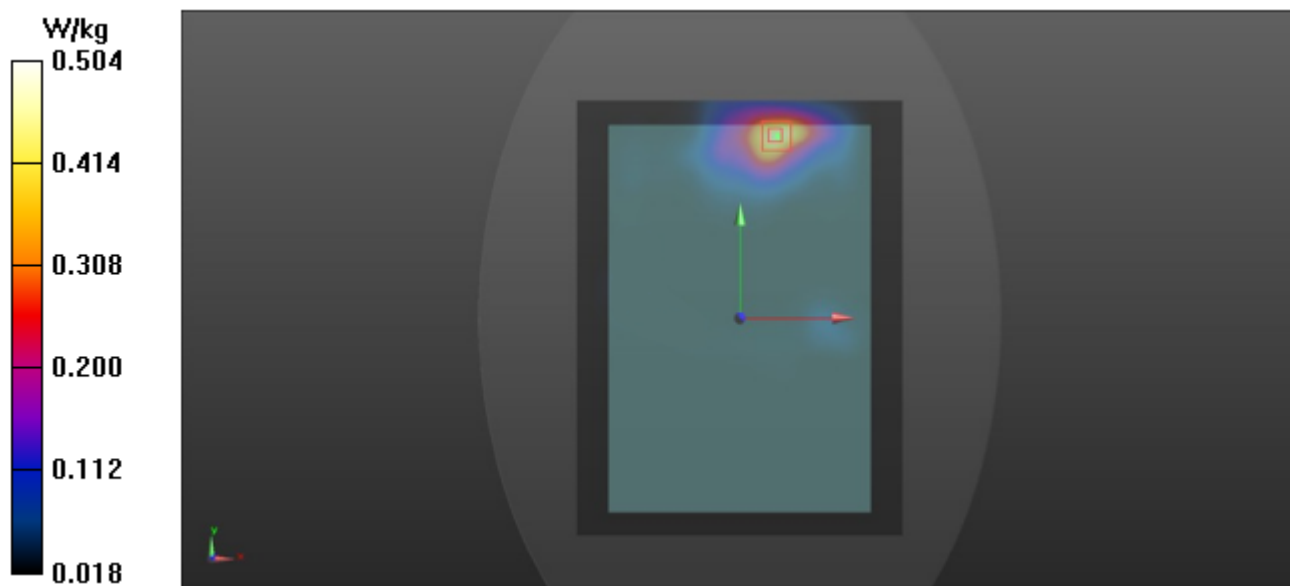
Ambient Temperature : 22.3 °C; Liquid Temperature : 22.1 °C

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 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 0.432 W/kg

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



LTE BAND13

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

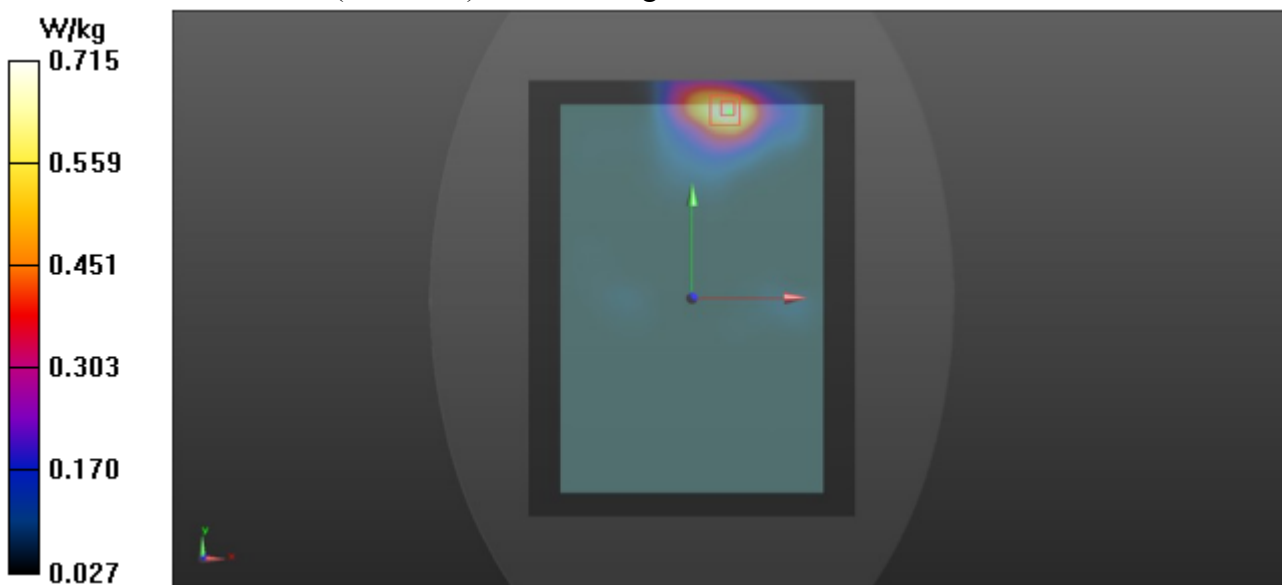
Medium: H750 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 41.594$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

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 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 V/m ; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.622 W/kg ; SAR(10 g) = 0.413 W/kg
Maximum value of SAR (measured) = 0.715 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/m³

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

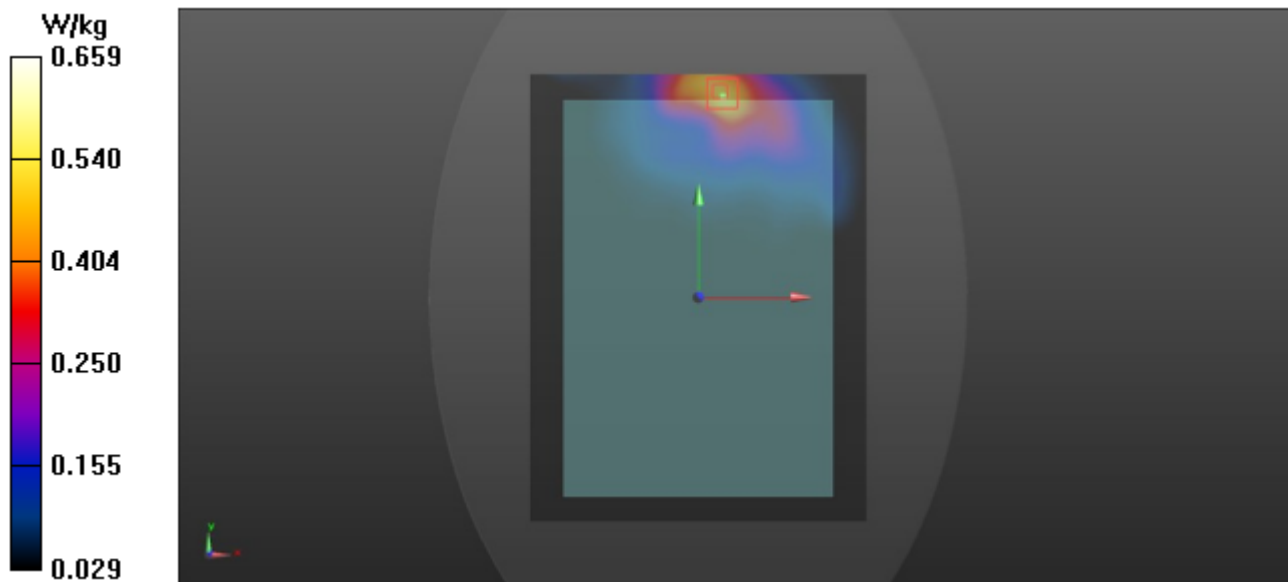
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

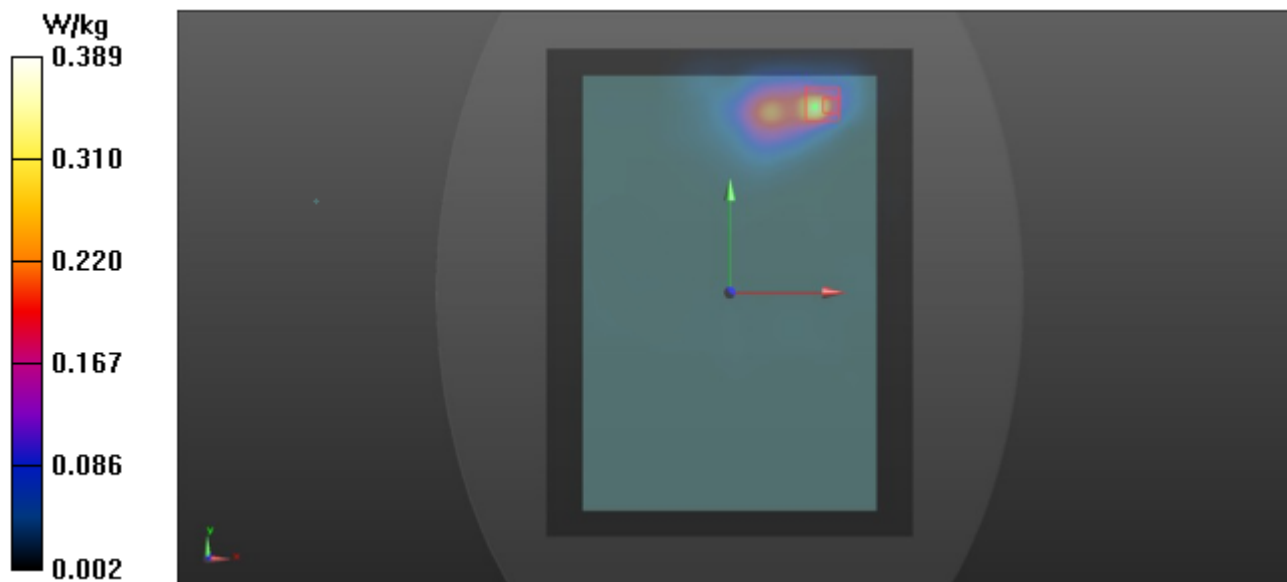
Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

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/m³

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

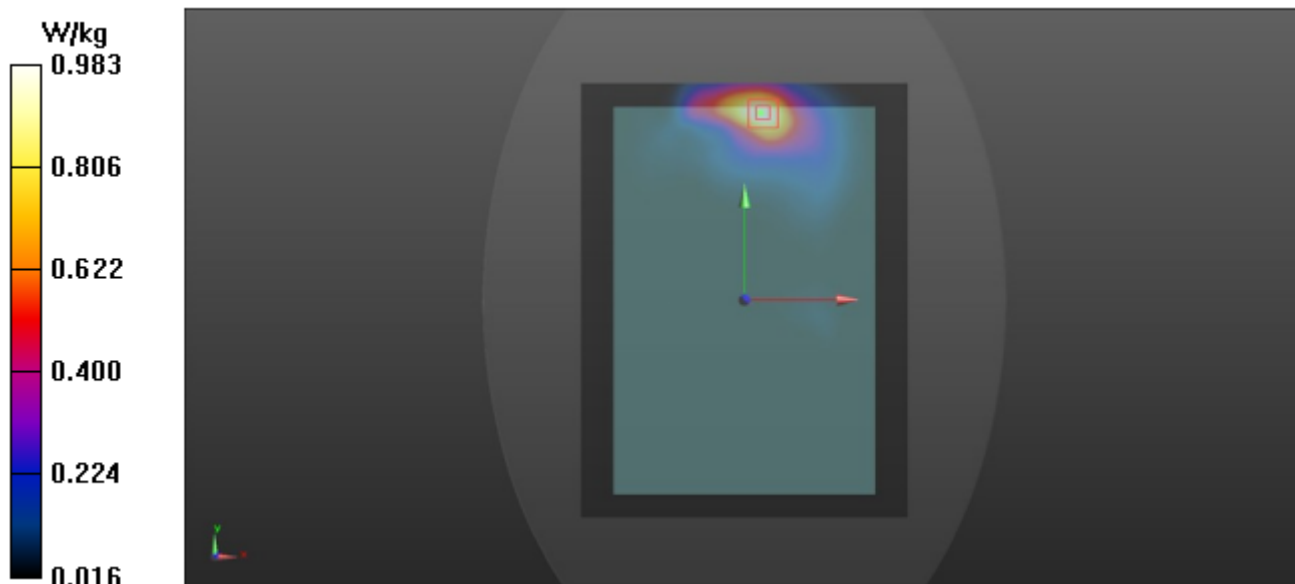
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

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

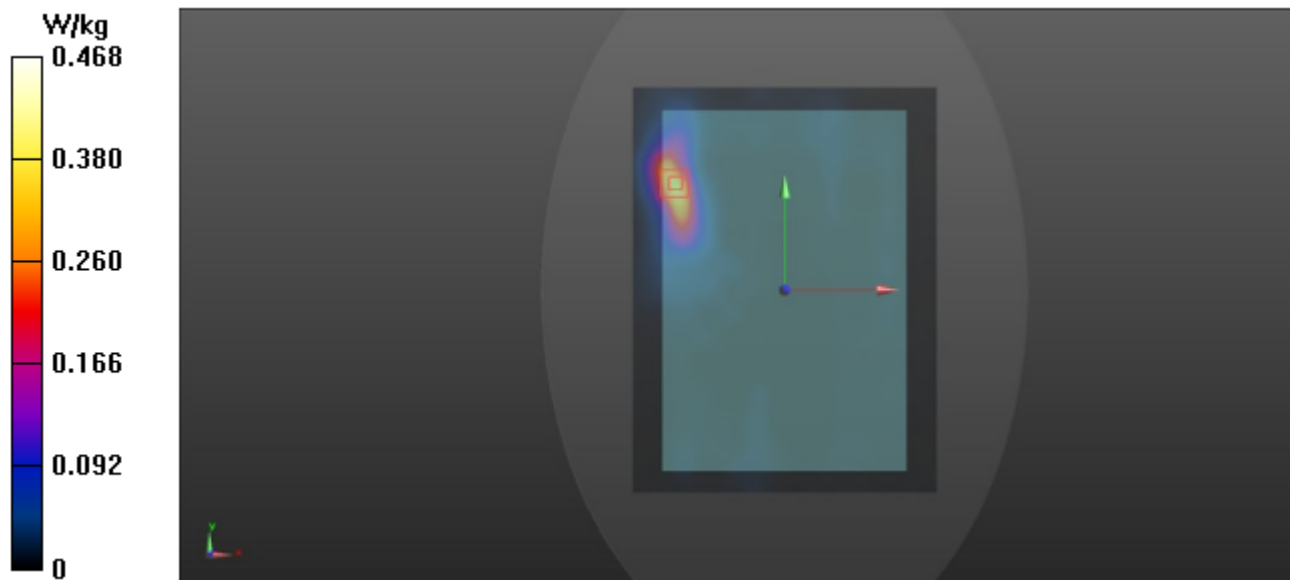
Body Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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/m³

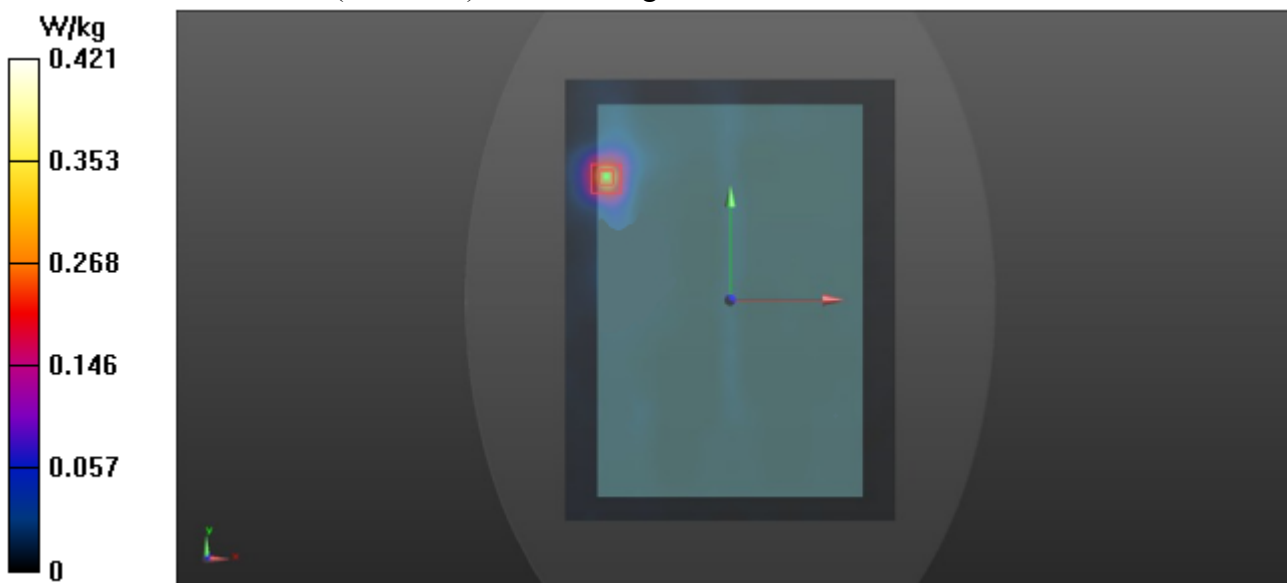
Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.3 °C

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/m³

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

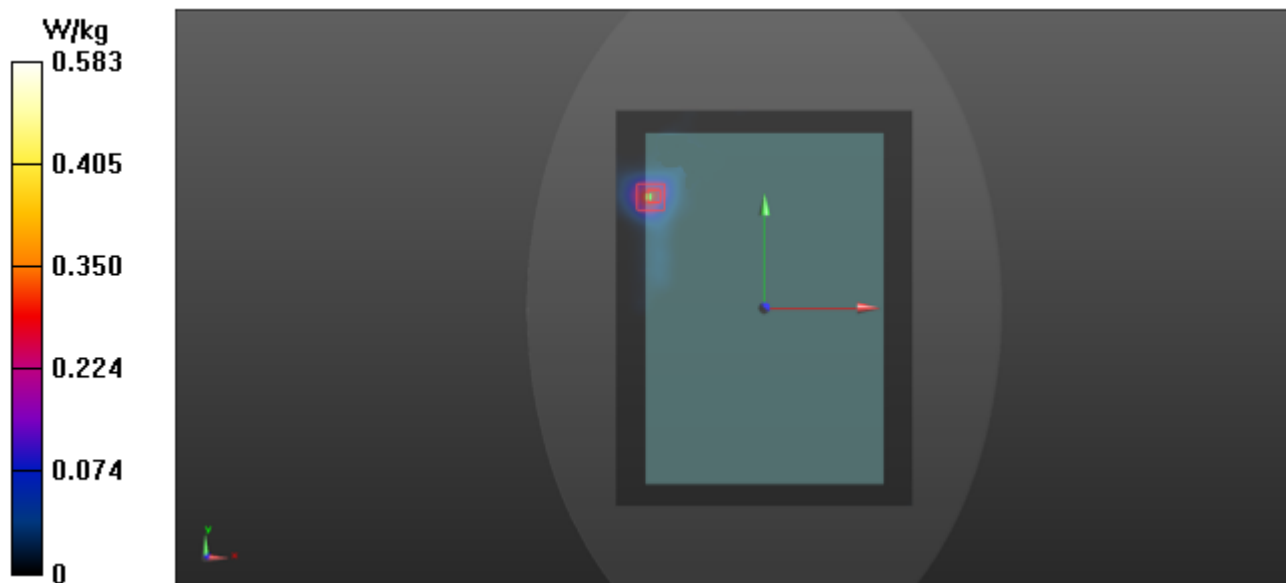
Body Back/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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/m³

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

