

Test Laboratory: Compliance Certification Services

File Name: [Mouse_EUT Setup Configuration 1.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 1

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

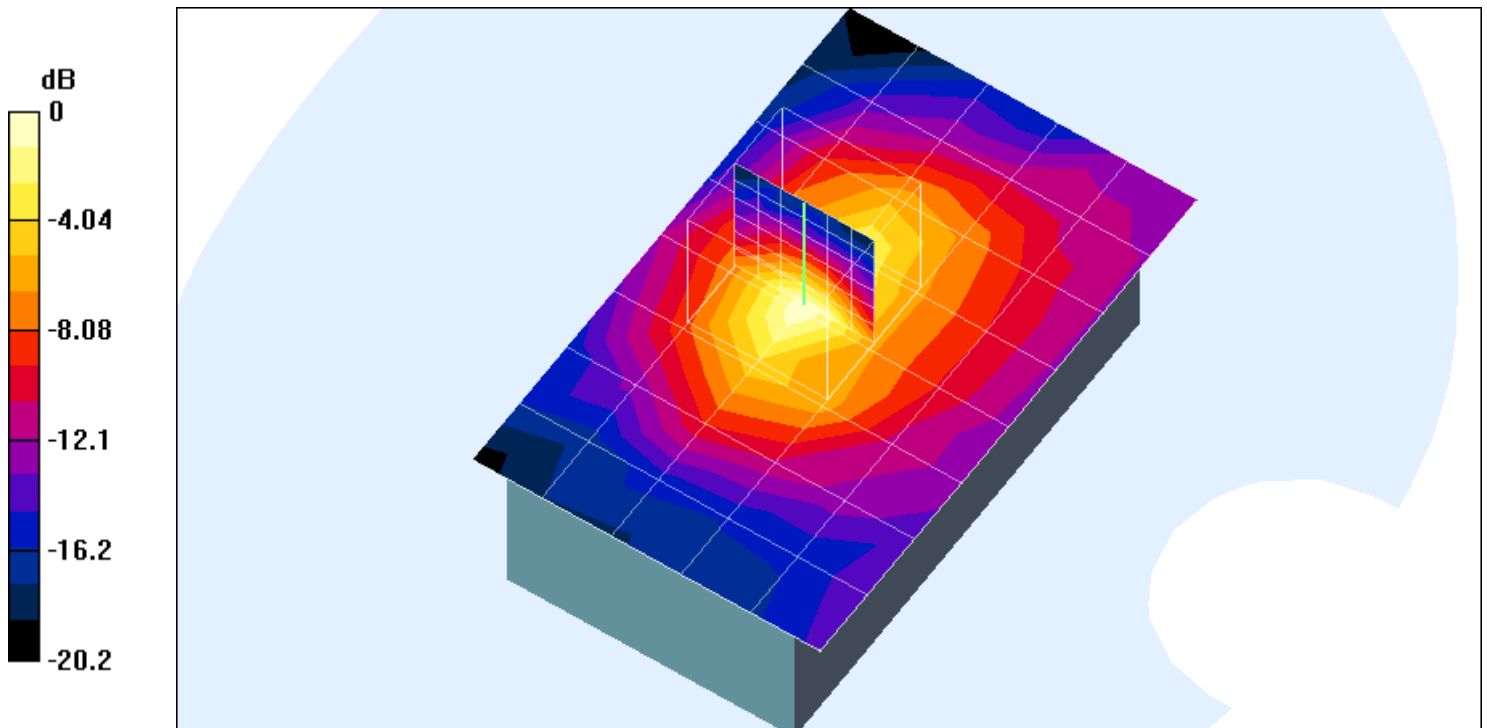
Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.0441 mW/g; SAR(10 g) = 0.0182 mW/g

Reference Value = 4.8 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0497 mW/g



0 dB = 0.0497mW/g

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Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

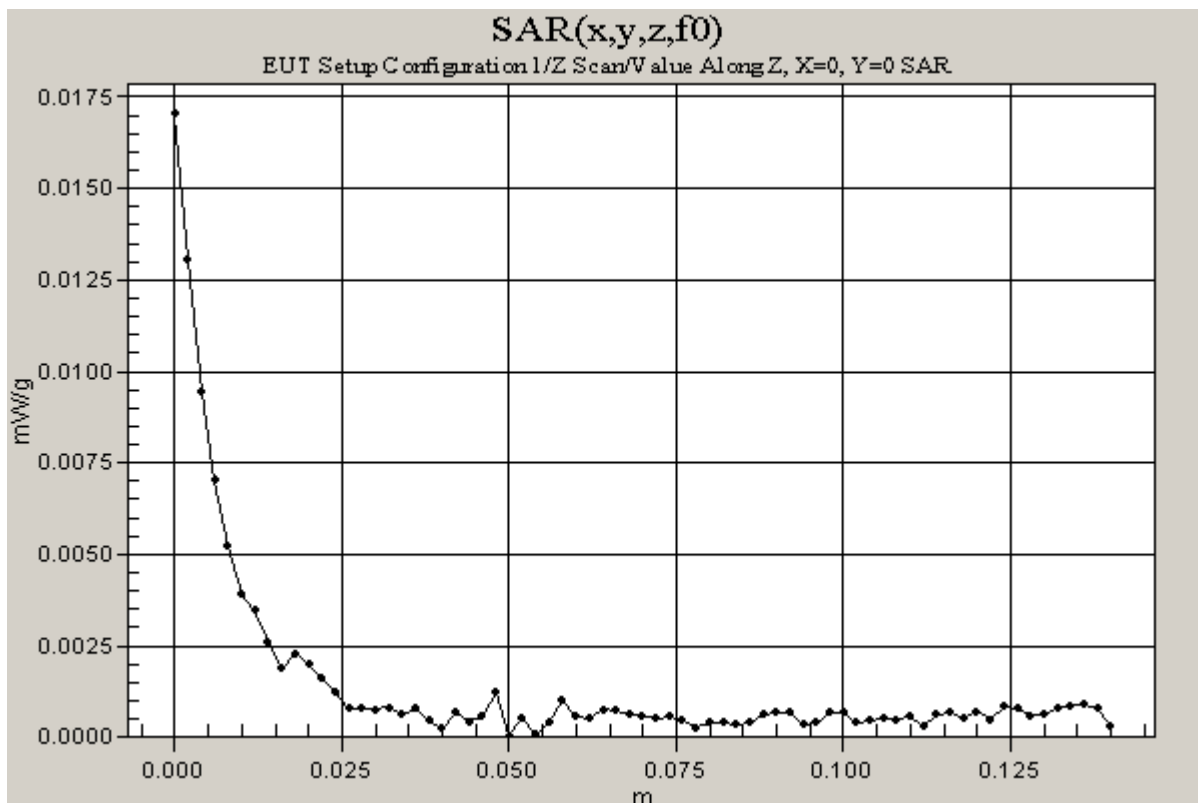
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Z Scan (1x1x71): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 4.8 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0171 mW/g



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File Name: [Mouse_EUT Setup Configuration 1.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 1

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

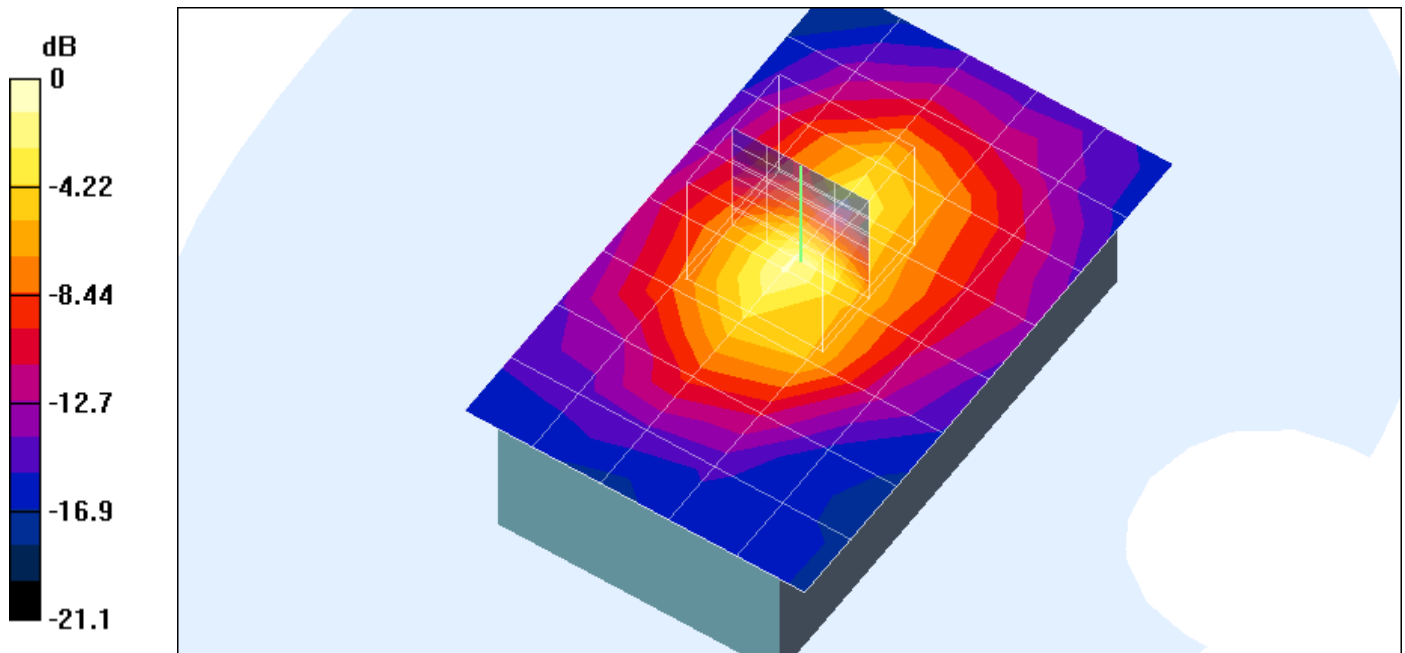
Peak SAR (extrapolated) = 0.0901 W/kg

SAR(1 g) = 0.0339 mW/g; SAR(10 g) = 0.0142 mW/g

Reference Value = 4.59 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0407 mW/g



0 dB = 0.0407mW/g

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File Name: [Mouse_EUT Setup Configuration 1.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 1

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

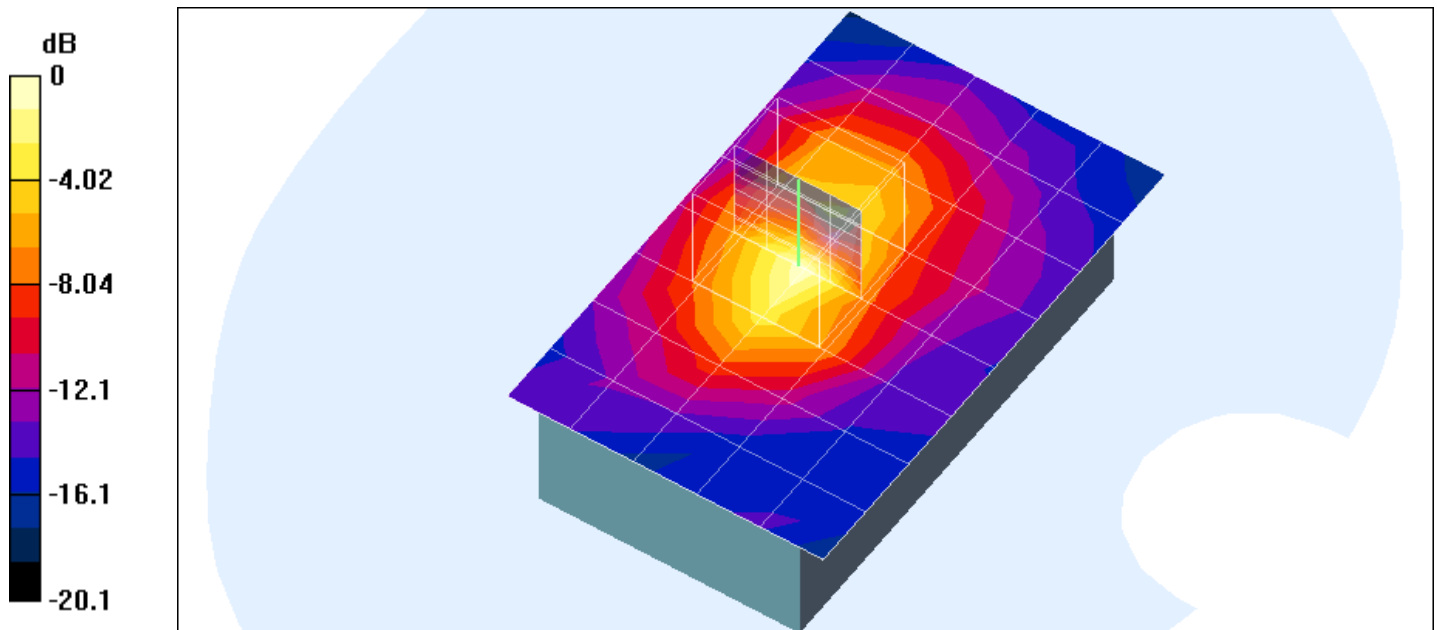
Peak SAR (extrapolated) = 0.0687 W/kg

SAR(1 g) = 0.0255 mW/g; SAR(10 g) = 0.0105 mW/g

Reference Value = 3.06 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.0311 mW/g



0 dB = 0.0311mW/g

Test Laboratory: Compliance Certification Services

File Name: [Mouse_EUT Setup Configuration 2.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 2

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

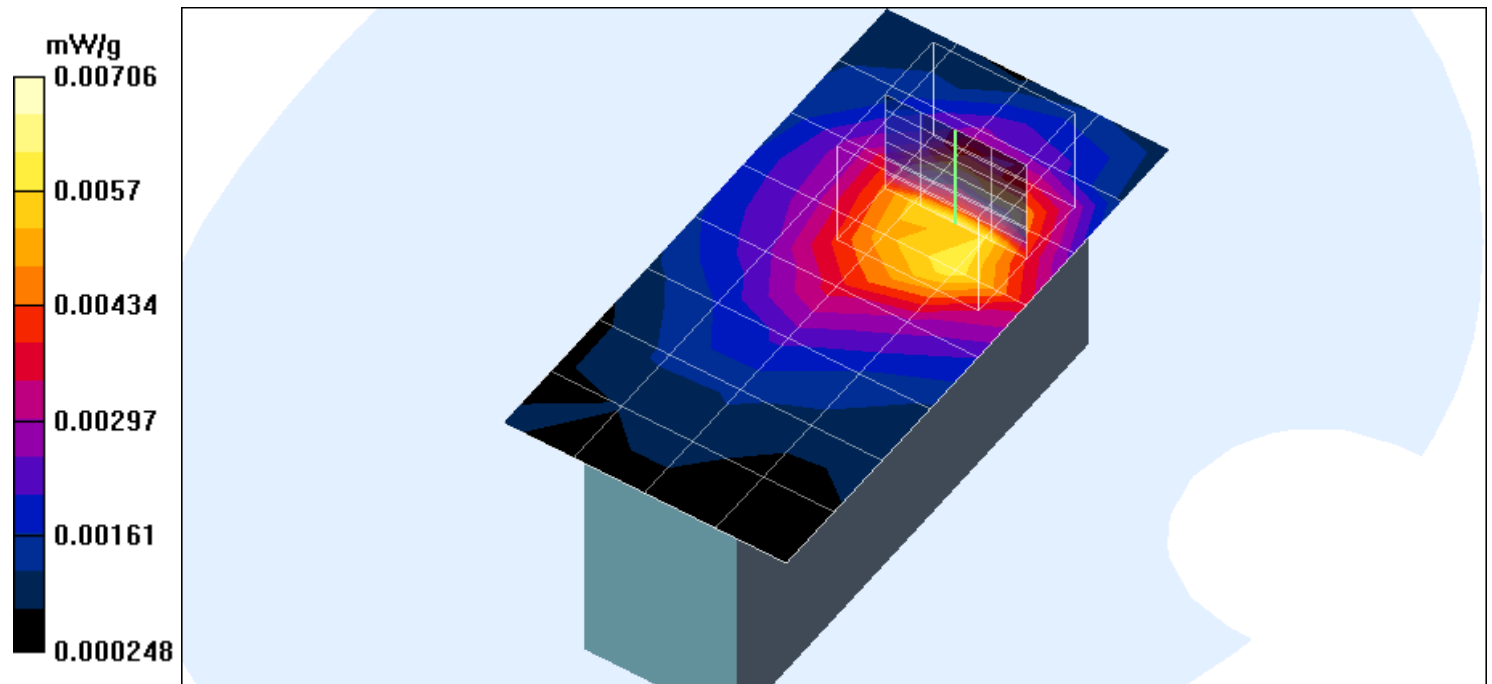
Peak SAR (extrapolated) = 0.0167 W/kg

SAR(1 g) = 0.00704 mW/g; SAR(10 g) = 0.00377 mW/g

Reference Value = 1.41 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.00706 mW/g



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File Name: [Mouse_EUT Setup Configuration 2.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 2

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

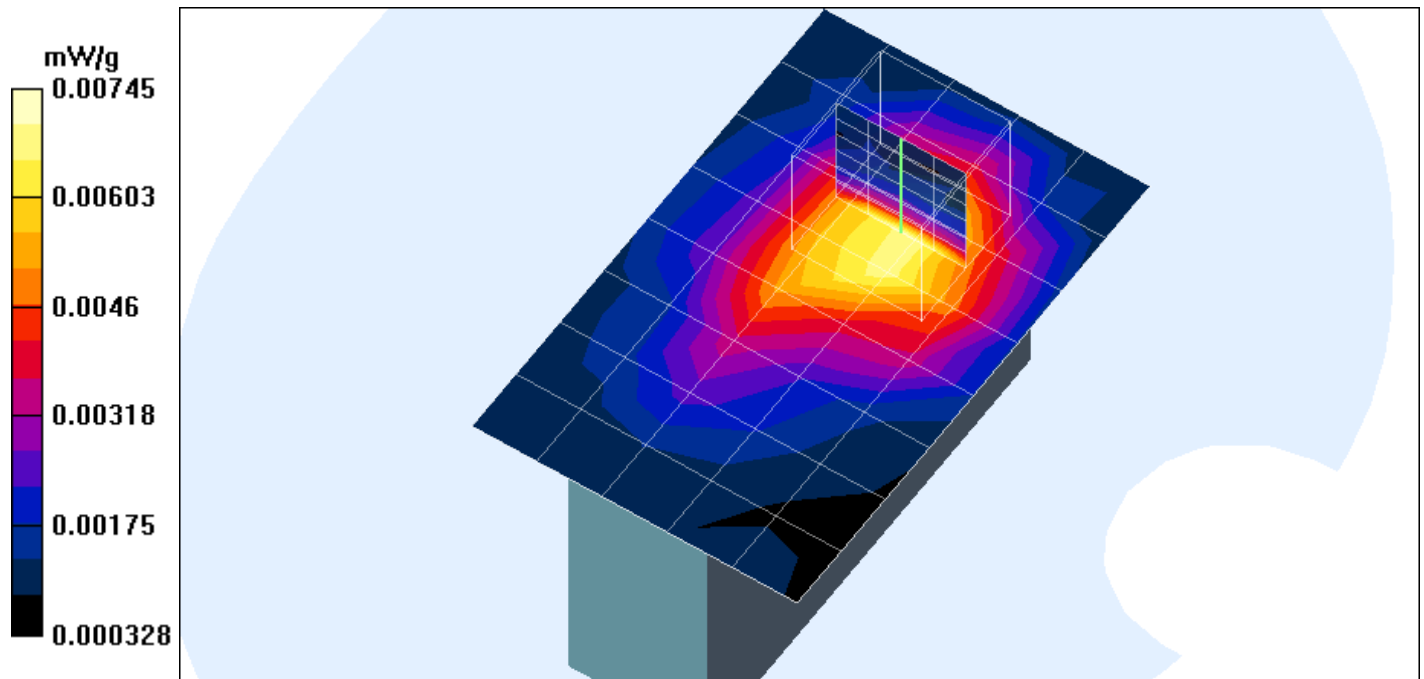
Peak SAR (extrapolated) = 0.0192 W/kg

SAR(1 g) = 0.00751 mW/g; SAR(10 g) = 0.00419 mW/g

Reference Value = 1.72 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.00745 mW/g



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Program: EUT Setup Configuration 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

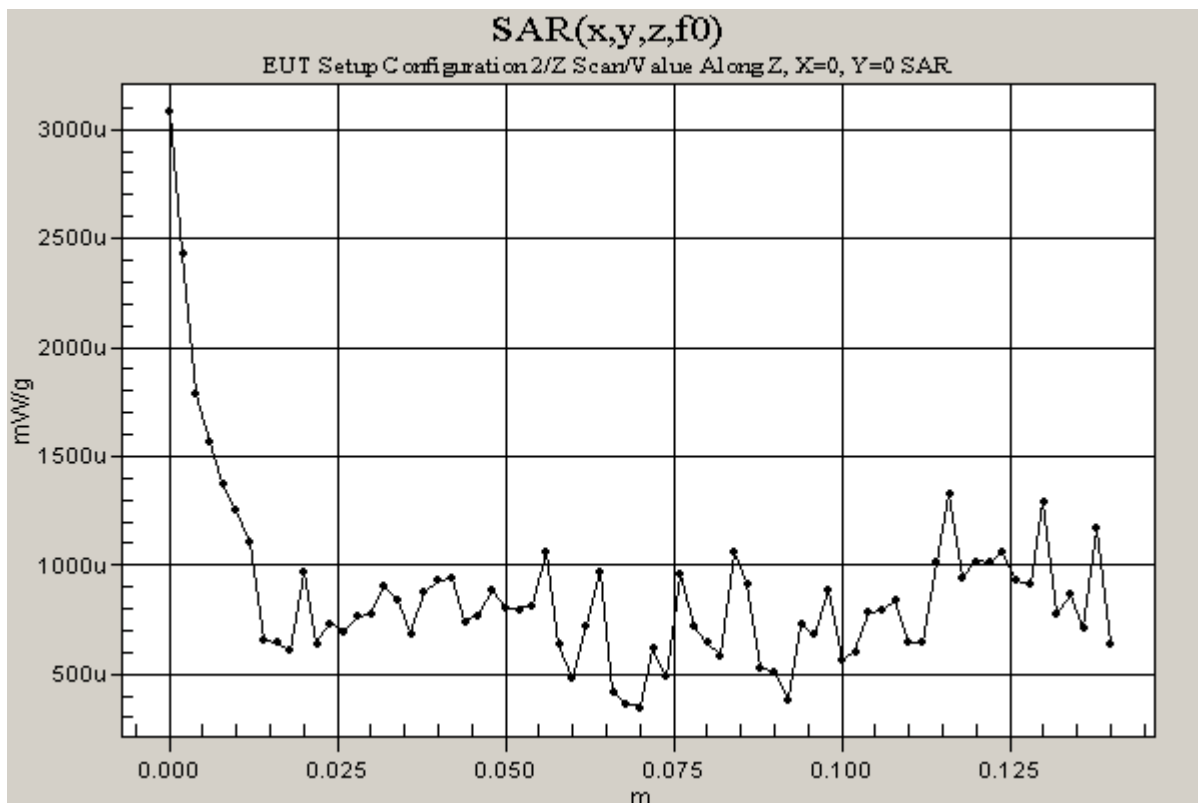
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Z Scan (1x1x71): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.72 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.00308 mW/g



Test Laboratory: Compliance Certification Services

File Name: [Mouse_EUT Setup Configuration 2.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 2

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

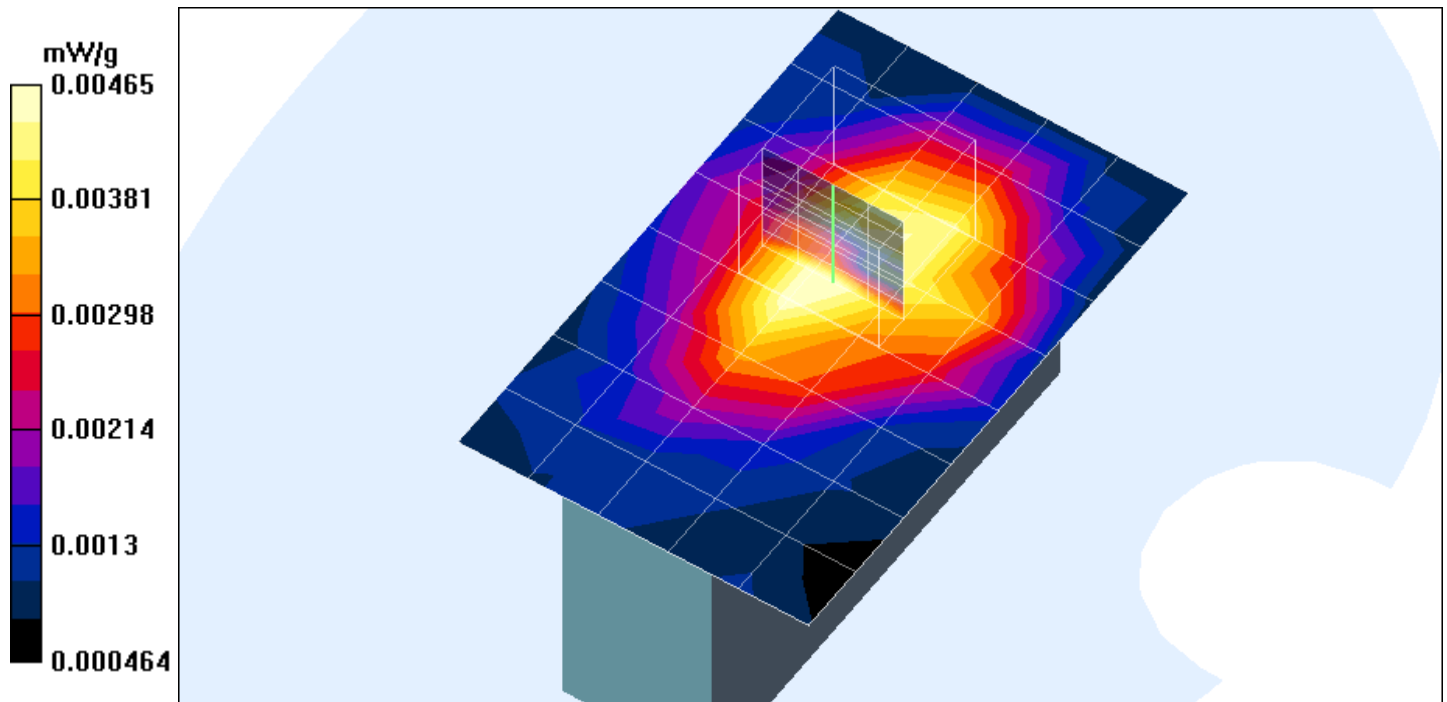
Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.00484 mW/g; SAR(10 g) = 0.00297 mW/g

Reference Value = 1.58 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.00485 mW/g



Test Laboratory: Compliance Certification Services

File Name: [Mouse_EUT Setup Configuration 3.da4](#)

DUT: Apple Computer; Type: A1015EMC1938; Serial: N/A

Program: EUT Setup Configuration 3

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668 \text{ mho/m}$, $\epsilon_r = 52.13$, $\rho = 1000 \text{ kg/m}^3$)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

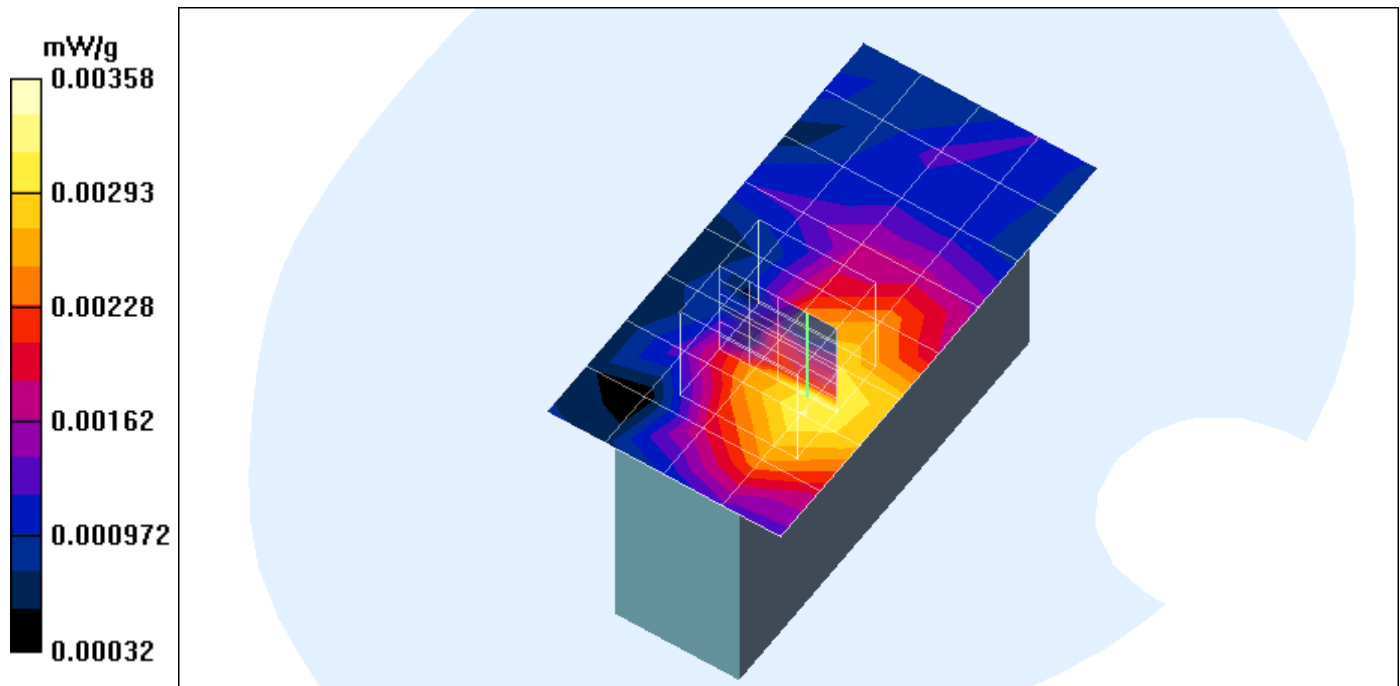
Peak SAR (extrapolated) = 0.00785 W/kg

SAR(1 g) = 0.00354 mW/g; SAR(10 g) = 0.00227 mW/g

Reference Value = 1.01 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.00358 mW/g



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File Name: [Mouse_EUT Setup Configuration 3.da4](#)

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Program: EUT Setup Configuration 3

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

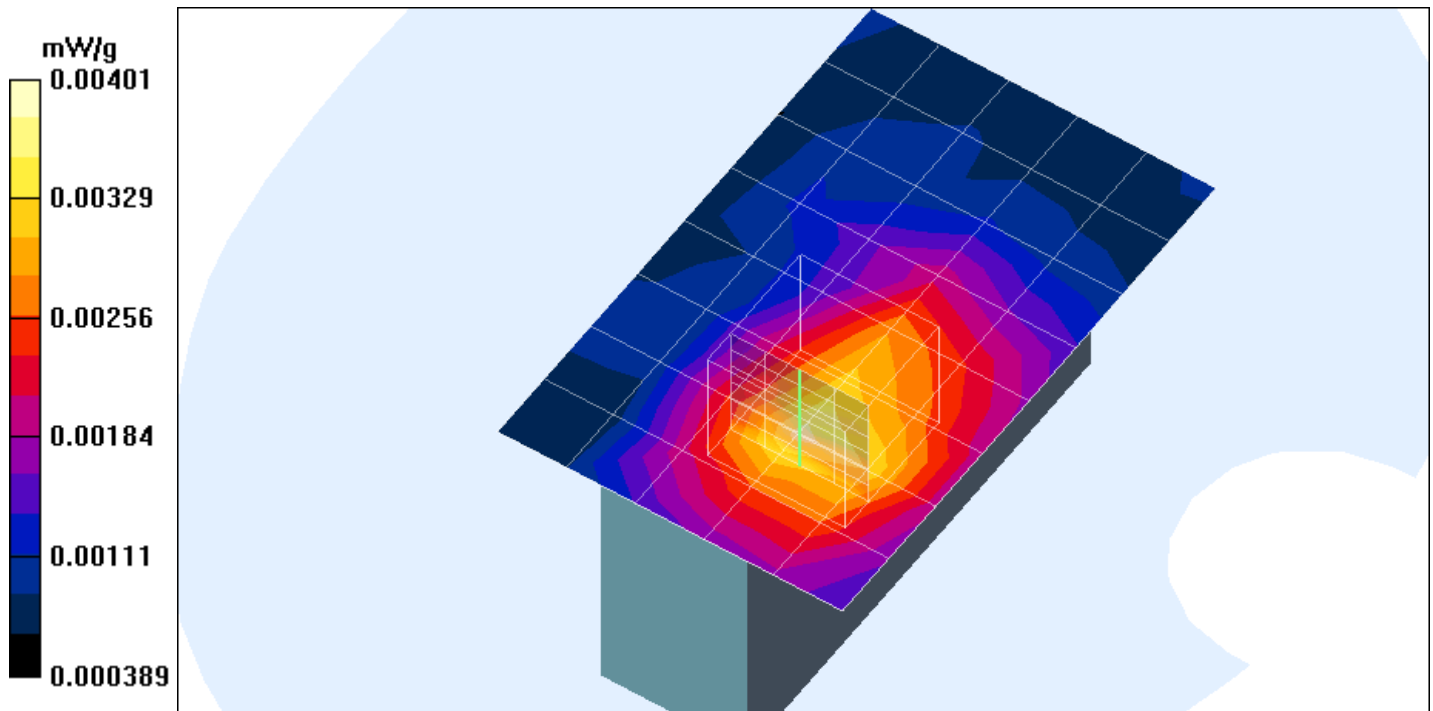
Peak SAR (extrapolated) = 0.00747 W/kg

SAR(1 g) = 0.00389 mW/g; SAR(10 g) = 0.00246 mW/g

Reference Value = 1.15 V/m

Power Drift = -0.19 dB

Maximum value of SAR = 0.00401 mW/g



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File Name: [Mouse_EUT Setup Configuration 3.da4](#)

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Program: EUT Setup Configuration 3

Ambient Temperature: 25 deg C; Liquid Temperature: 23 deg C

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9668$ mho/m, $\epsilon_r = 52.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.00723 W/kg

SAR(1 g) = 0.00298 mW/g; SAR(10 g) = 0.00204 mW/g

Reference Value = 1.1 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.00297 mW/g

