

Test Laboratory: Compliance Certification Services

File Name: [C1_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11b_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.47 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 1.39 mW/g

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

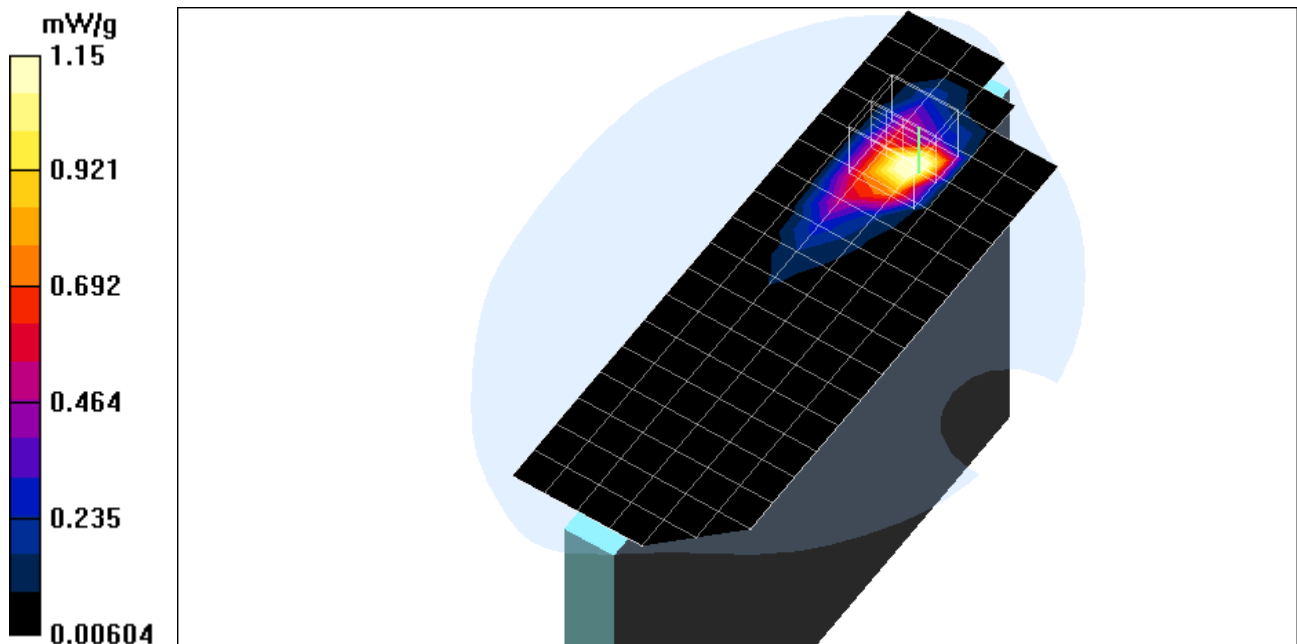
Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.57 mW/g

Reference Value = 6.47 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 1.15 mW/g



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File Name: [C1_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11b_Antenna A

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

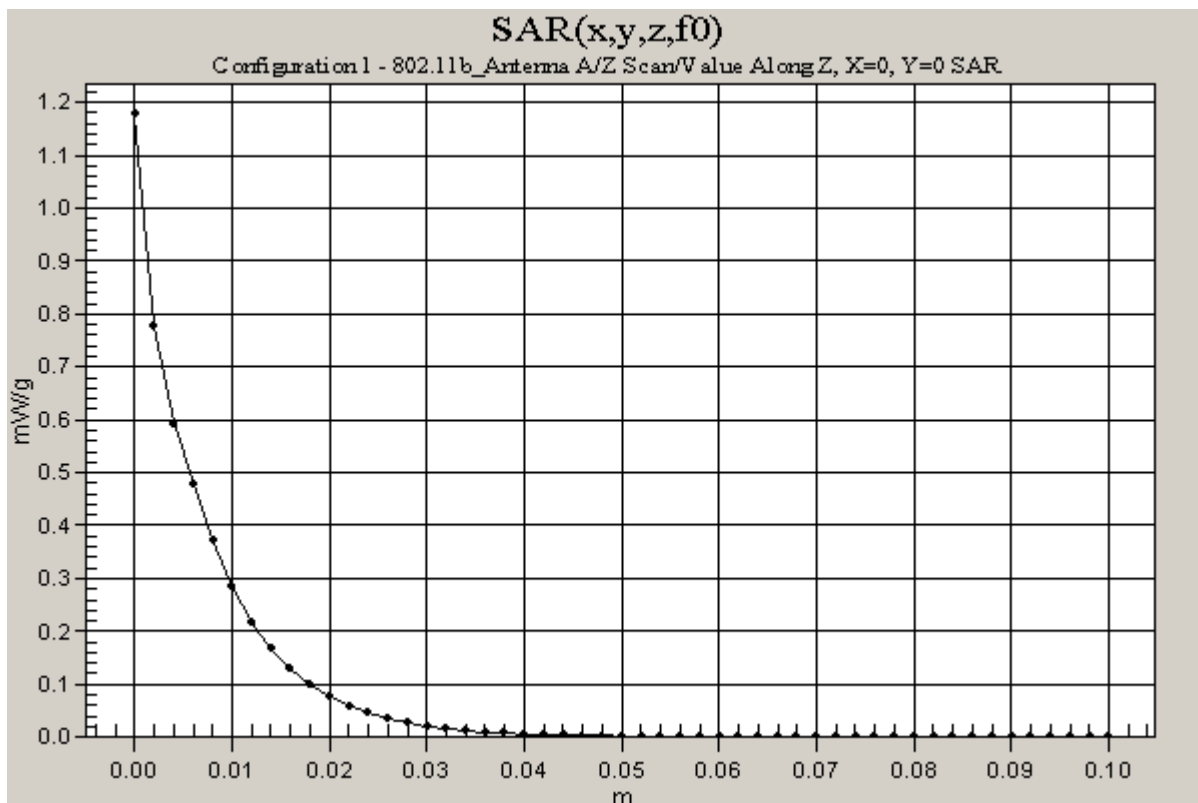
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 6.47 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 1.18 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C1_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11b_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.03 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.2 mW/g

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

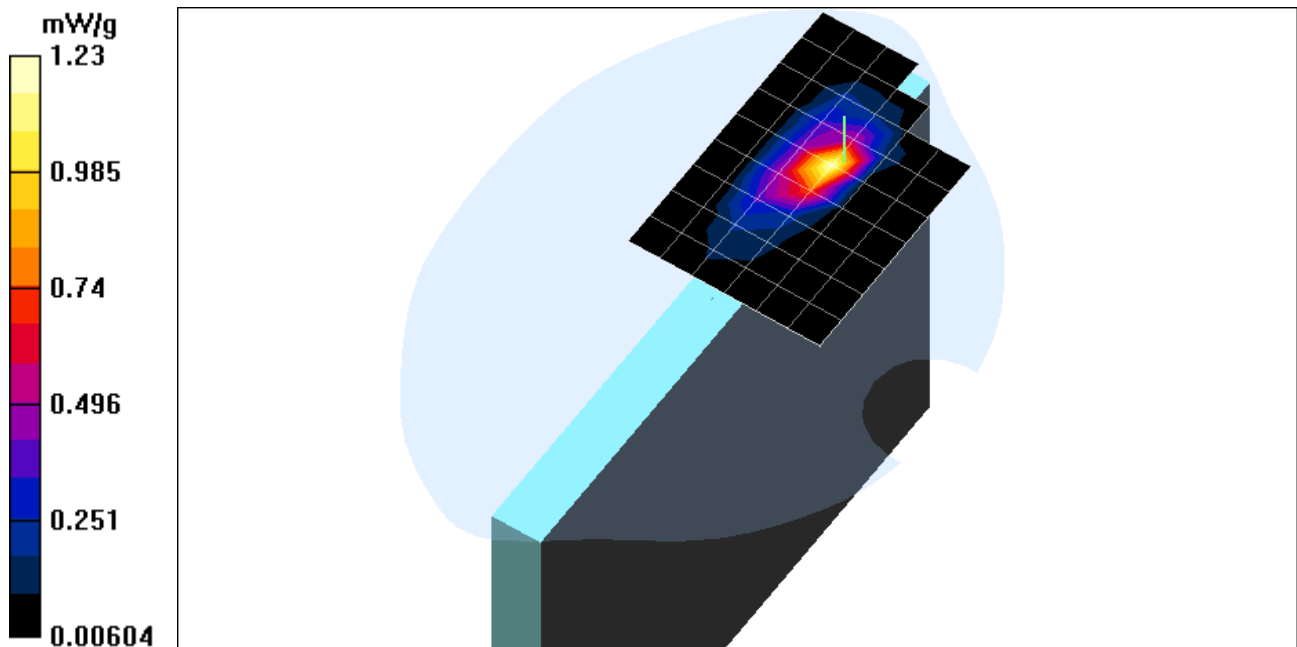
Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.525 mW/g

Reference Value = 7.03 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.23 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C1_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11b_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.83 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 1.09 mW/g

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

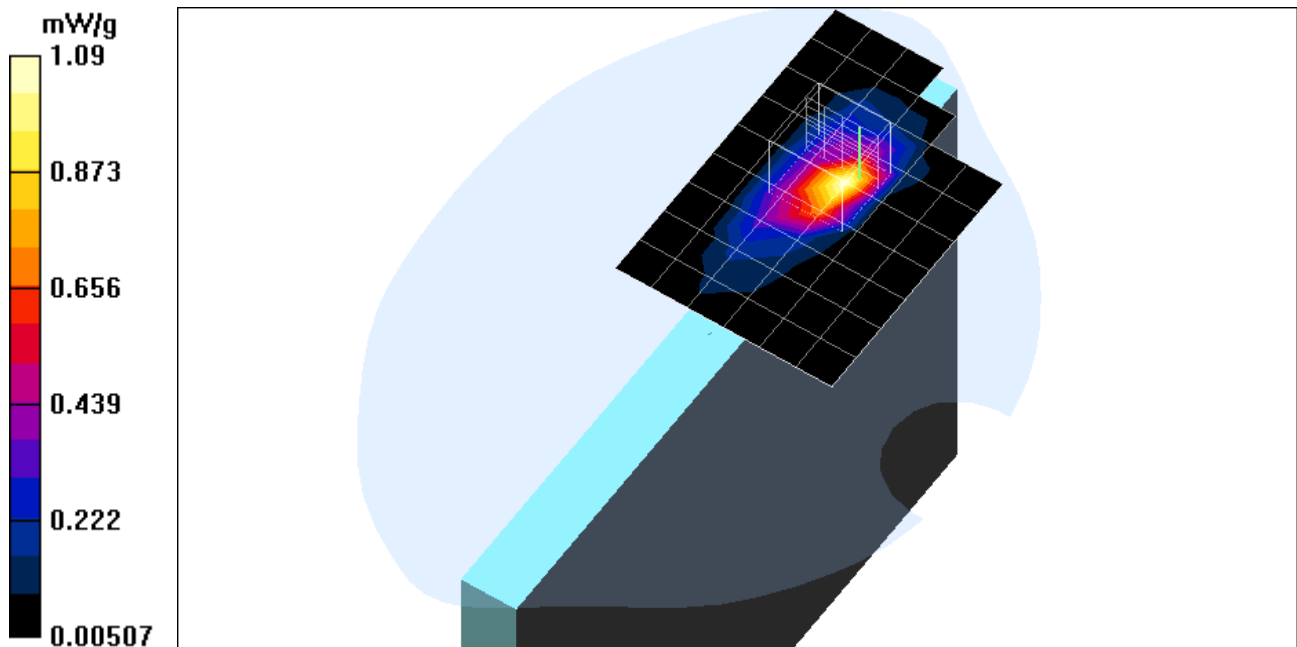
Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.473 mW/g

Reference Value = 6.83 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 1.09 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [C1_802.11b - Antenna A_Co-location-2.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A
Program: Configuration 1 - 802.11b_Antenna A
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

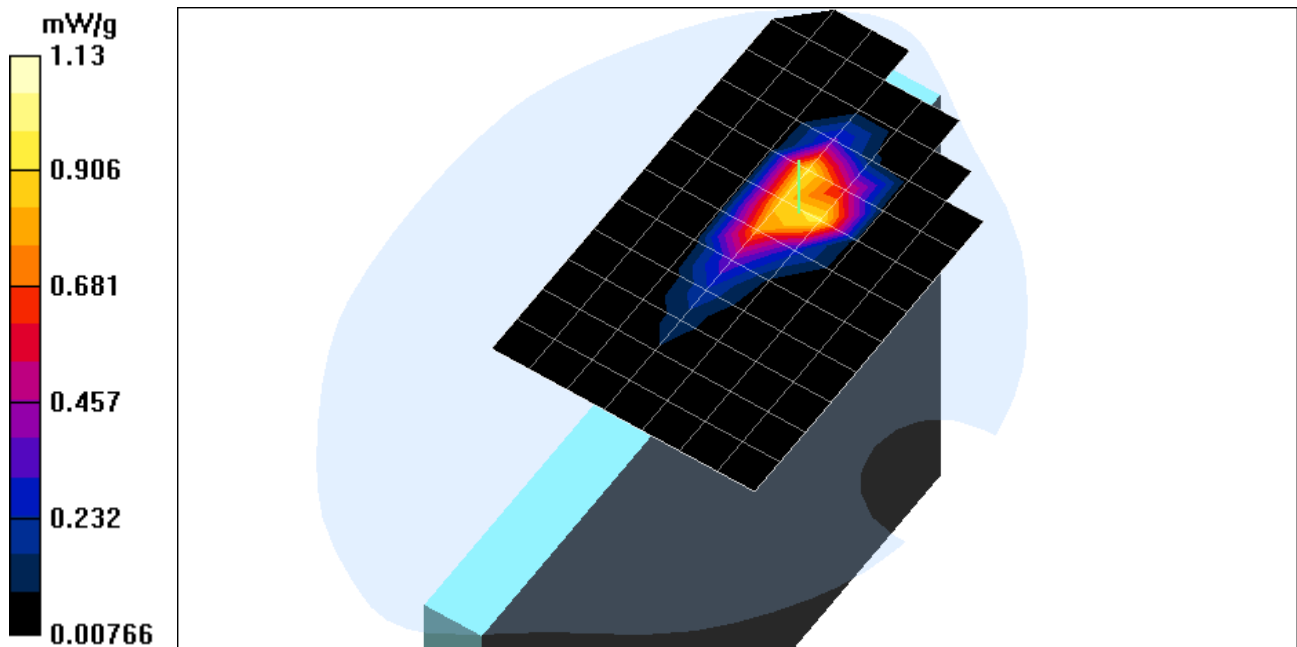
Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.973$ mho/m, $\epsilon_r = 52.3142$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

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

Colocation 2/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 7.12 V/m
 Power Drift = -0.12 dB
 Maximum value of SAR = 0.94 mW/g

Colocation 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 2.92 W/kg
 SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.564 mW/g
 Reference Value = 7.12 V/m
 Power Drift = -0.12 dB
 Maximum value of SAR = 1.13 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [C1_802.11b - Antenna A_Co-location-2.da4](#)

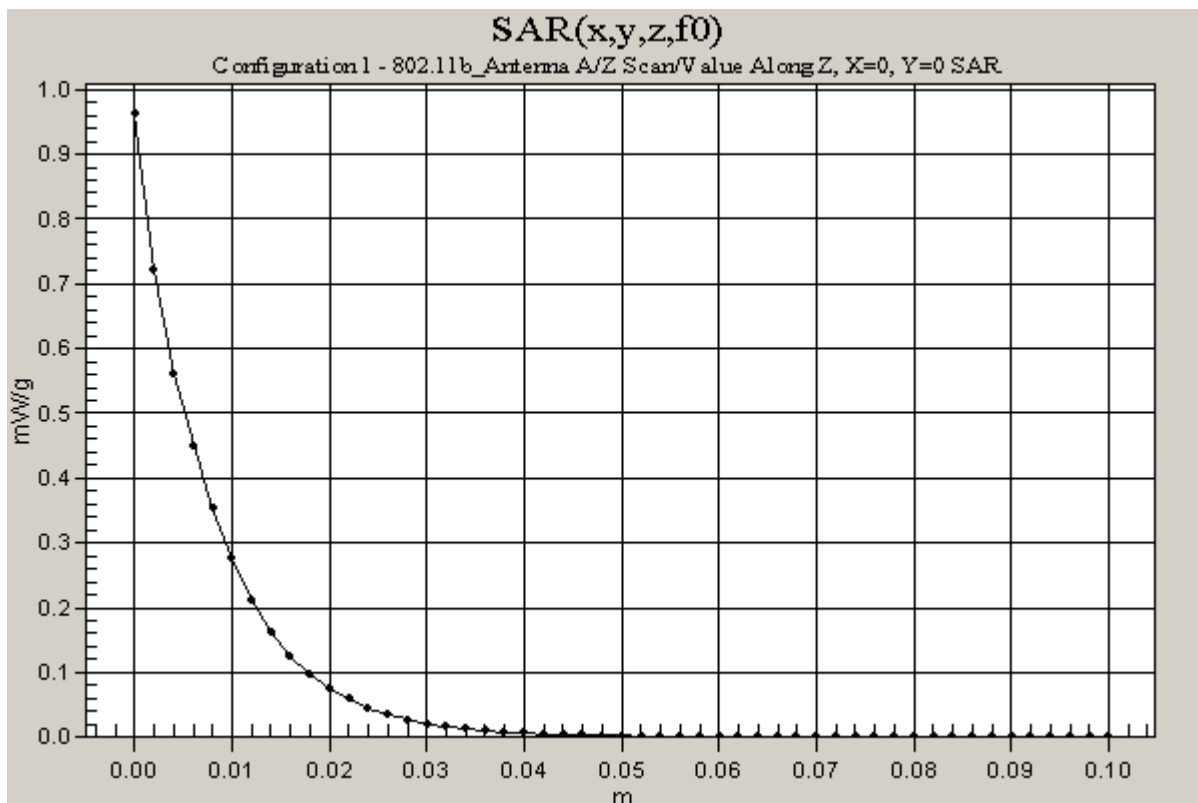
DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A
Program: Configuration 1 - 802.11b_Antenna A

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.973$ mho/m, $\epsilon_r = 52.3142$, $\rho = 1000$ 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

Colocation 2/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
 Reference Value = 7.12 V/m
 Power Drift = -0.07 dB
 Maximum value of SAR = 0.963 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C1_802.11g - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11g_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481 \text{ mho/m}$, $\epsilon_r = 52.5148$, $\rho = 1000 \text{ kg/m}^3$)

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/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.95 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.763 mW/g

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

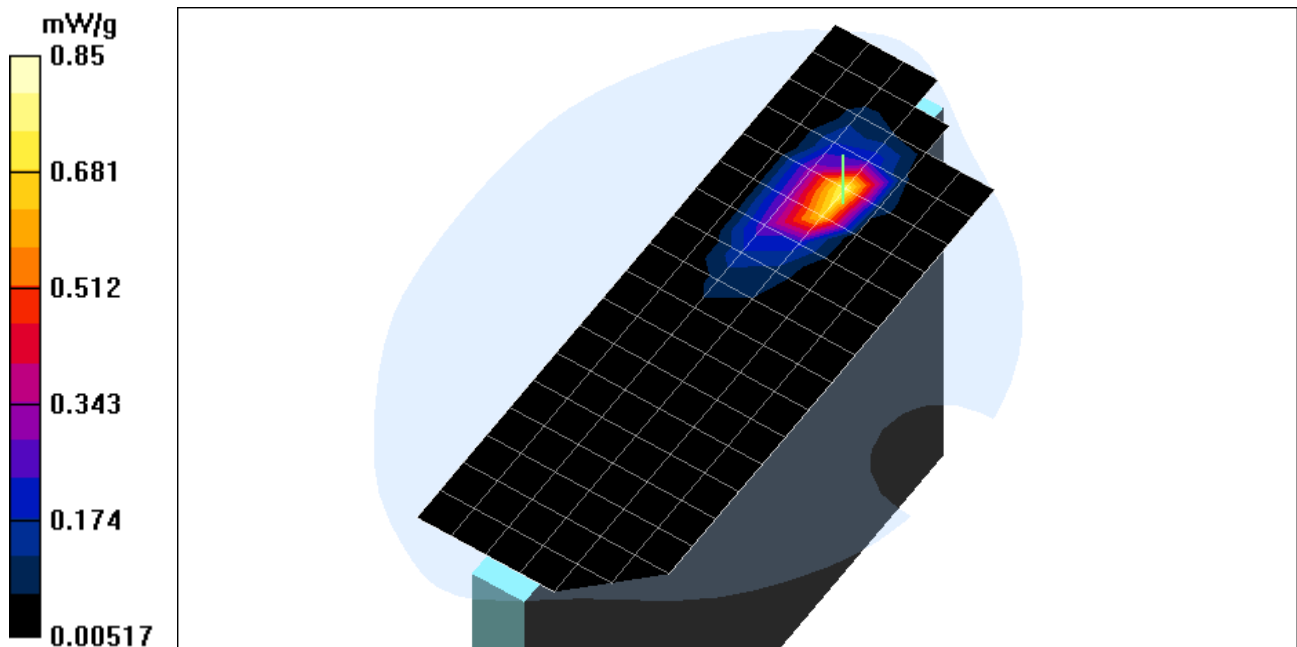
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.77 mW/g; SAR(10 g) = 0.354 mW/g

Reference Value = 5.95 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.85 mW/g



Test Laboratory: Compliance Certification Services

File Name: C1_802.11g - Antenna A.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11g_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.72 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.774 mW/g

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

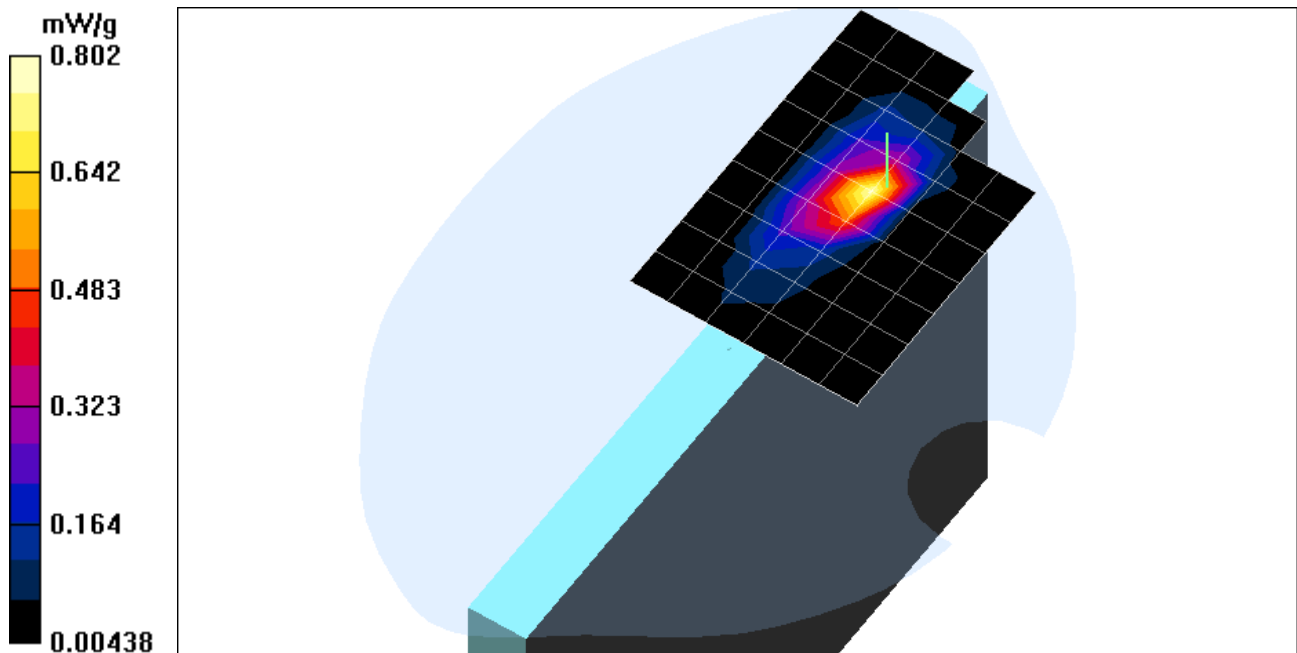
Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.34 mW/g

Reference Value = 5.72 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.802 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C1_802.11g - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11g_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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

Turbo Mode/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.89 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.831 mW/g

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

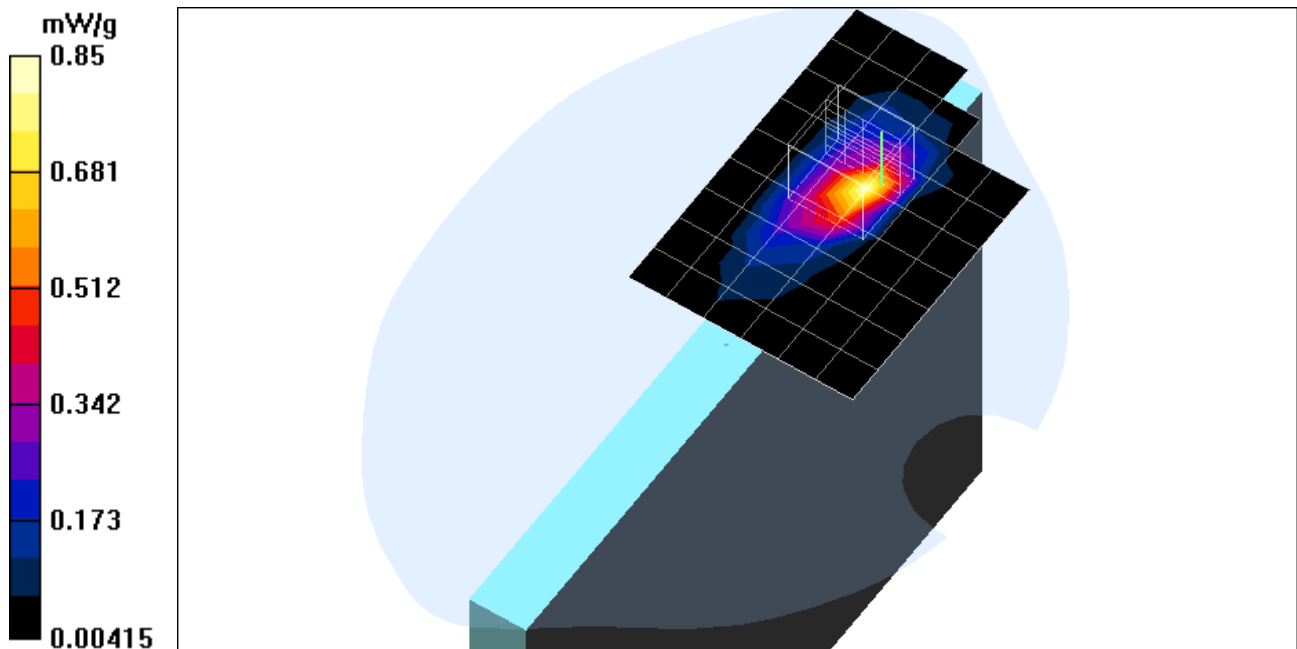
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.363 mW/g

Reference Value = 5.89 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.85 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C1_802.11g - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11g_Antenna A

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

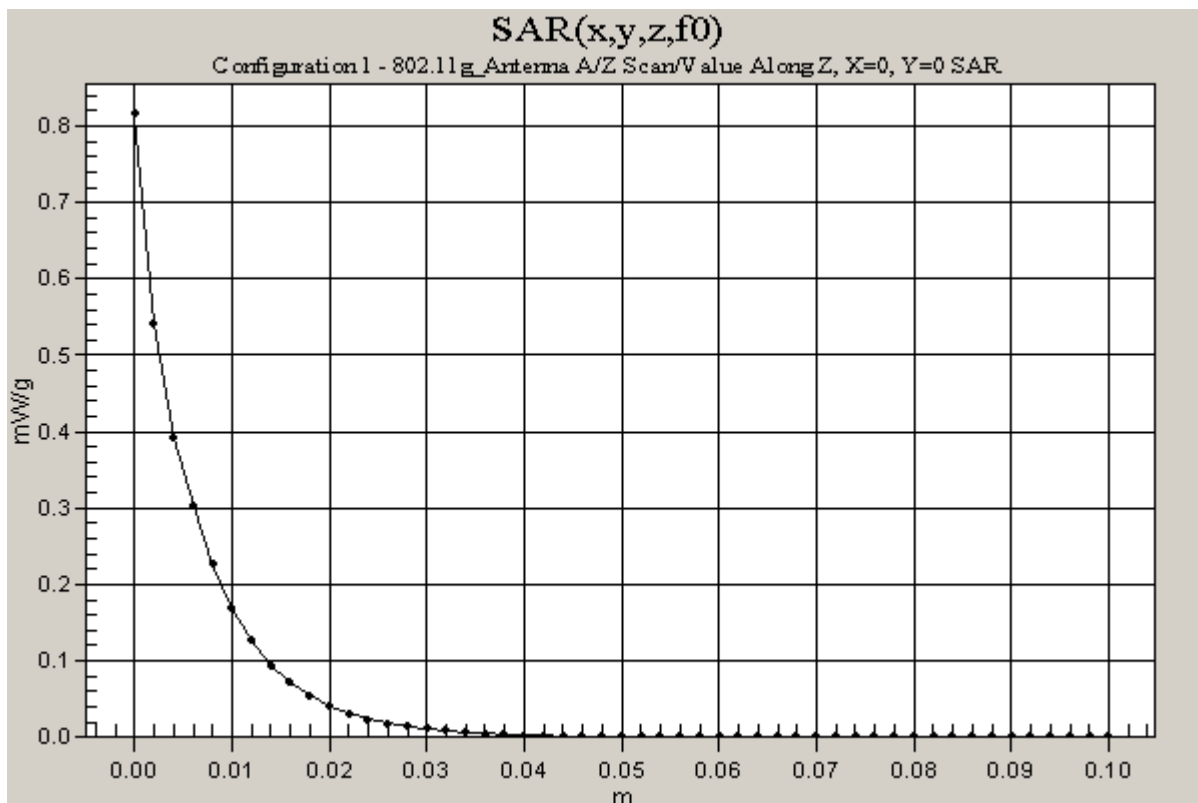
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Turbo Mode/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 5.89 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.817 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C1_802.11g - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 1 - 802.11g_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.6 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.731 mW/g

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

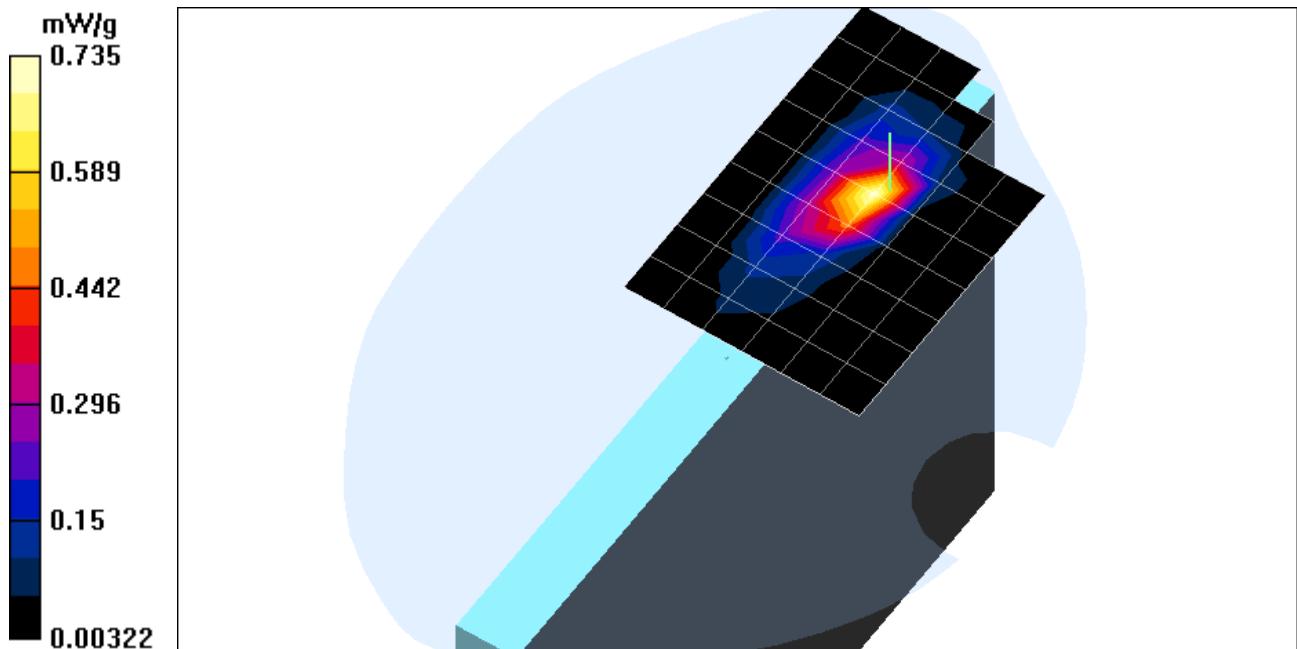
Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.318 mW/g

Reference Value = 5.6 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.735 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11b - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11b_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.67 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.507 mW/g

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

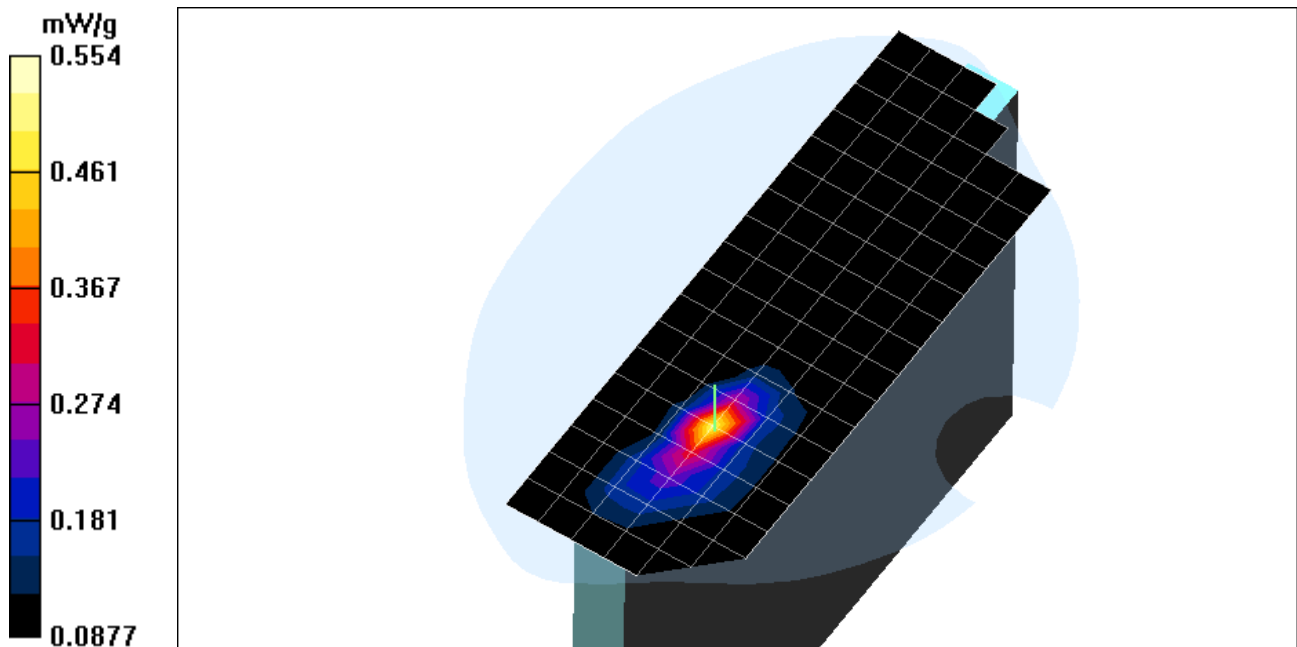
Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.48 mW/g; SAR(10 g) = 0.235 mW/g

Reference Value = 6.67 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.554 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11b - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11b_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.31 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.504 mW/g

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

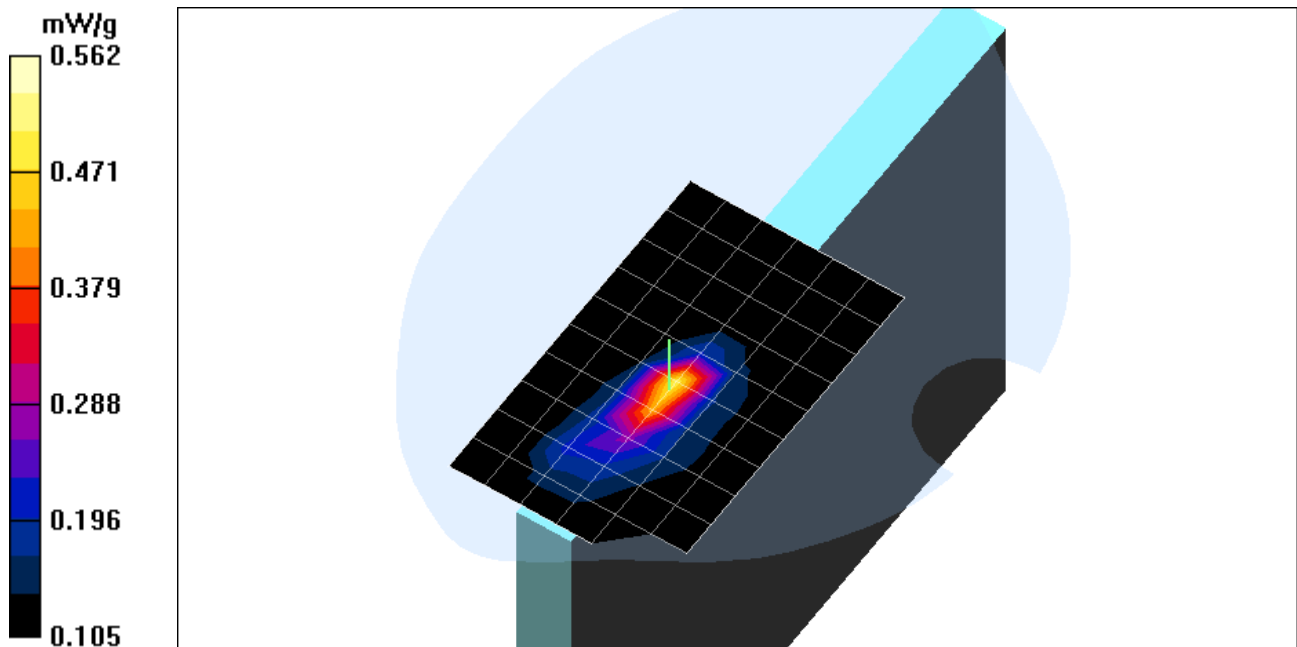
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.243 mW/g

Reference Value = 7.31 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.562 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11b - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11b_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.23 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.492 mW/g

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

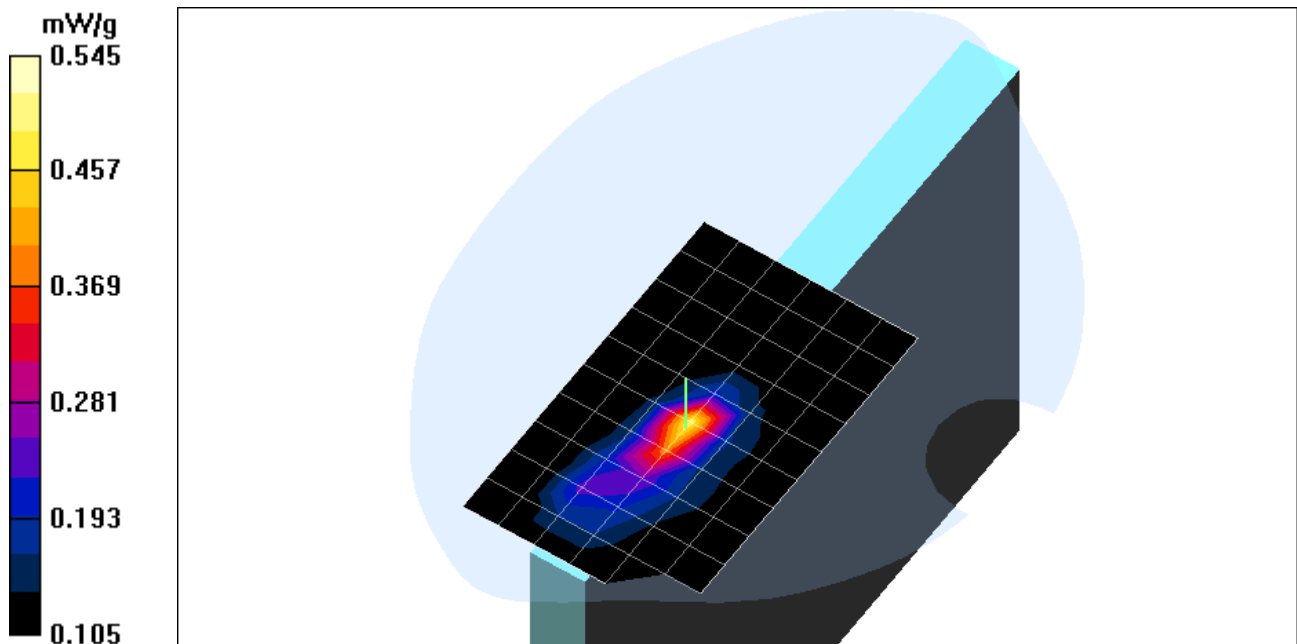
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.242 mW/g

Reference Value = 7.23 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.545 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11b - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11b_Antenna B

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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

High/Z Scan (TX On) (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 7.23 V/m

Maximum value of SAR = 0.786 mW/g

High/Z Scan (TX Off) (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

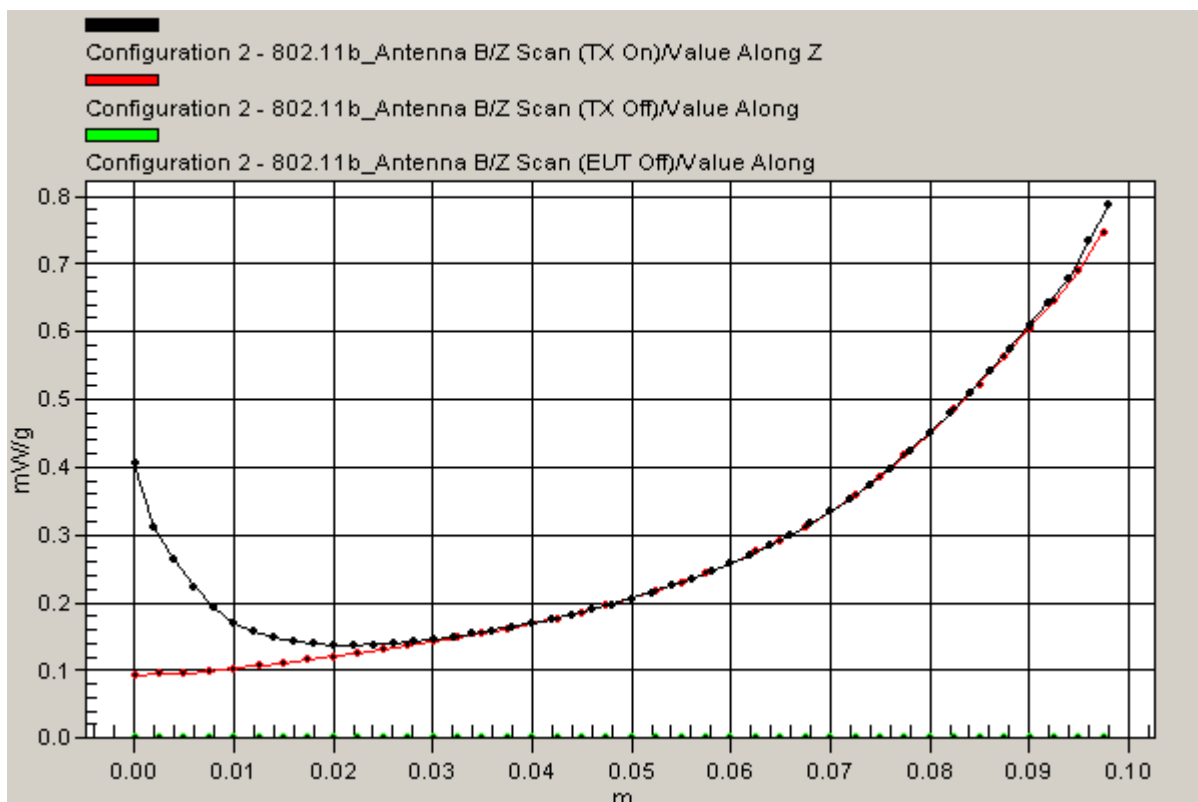
Reference Value = 7.23 V/m

Maximum value of SAR = 0.747 mW/g

High/Z Scan (EUT Off) (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 7.23 V/m

Maximum value of SAR = 0.00109 mW/g



Test Laboratory: Compliance Certification Services

File Name: C2_802.11g - Antenna B.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11g_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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)
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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Low/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.08 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.315 mW/g

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

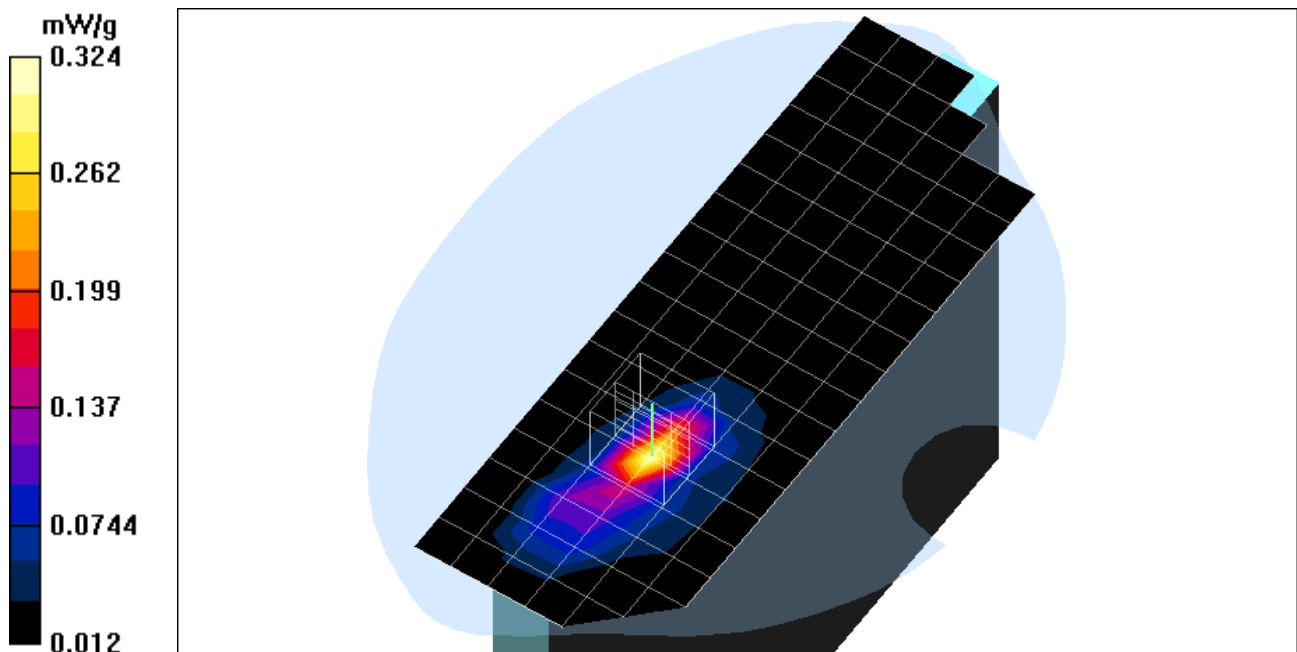
Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.11 mW/g

Reference Value = 3.08 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.324 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11g - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11g_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.98 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 0.307 mW/g

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

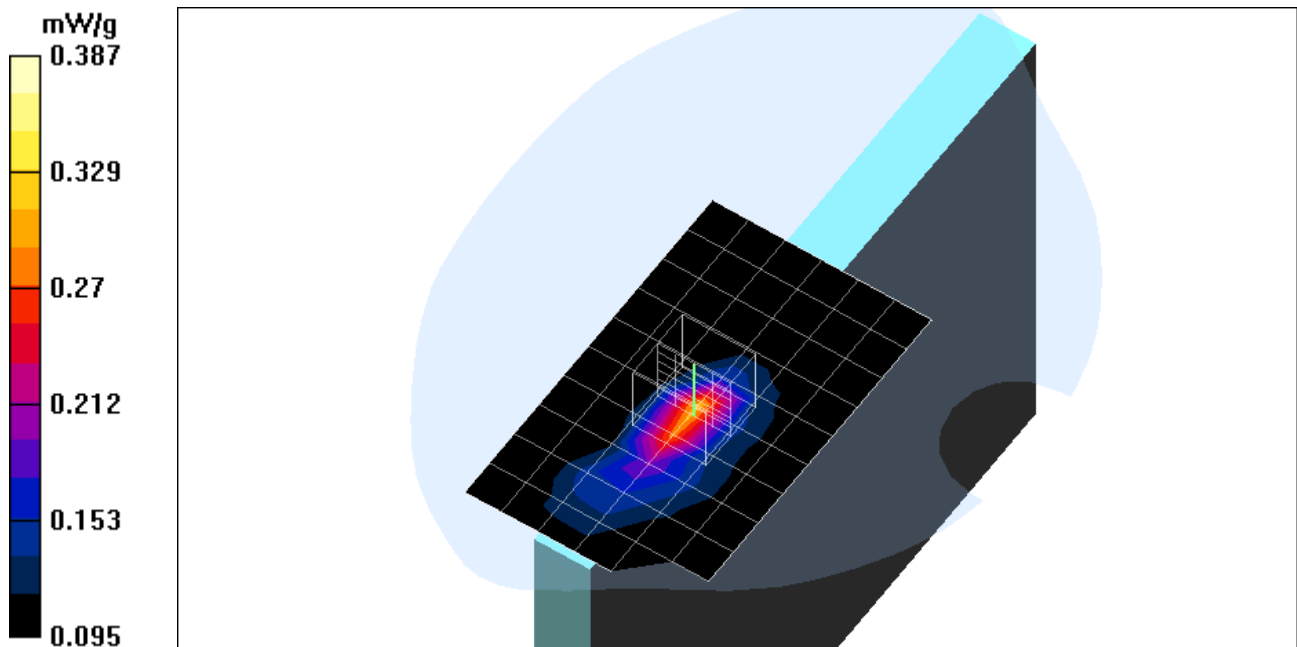
Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.188 mW/g

Reference Value = 6.98 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 0.387 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11g - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11g_Antenna B

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Z Scan (TX On) (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 6.98 V/m

Maximum value of SAR = 0.745 mW/g

Middle/Z Scan (TX Off) (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

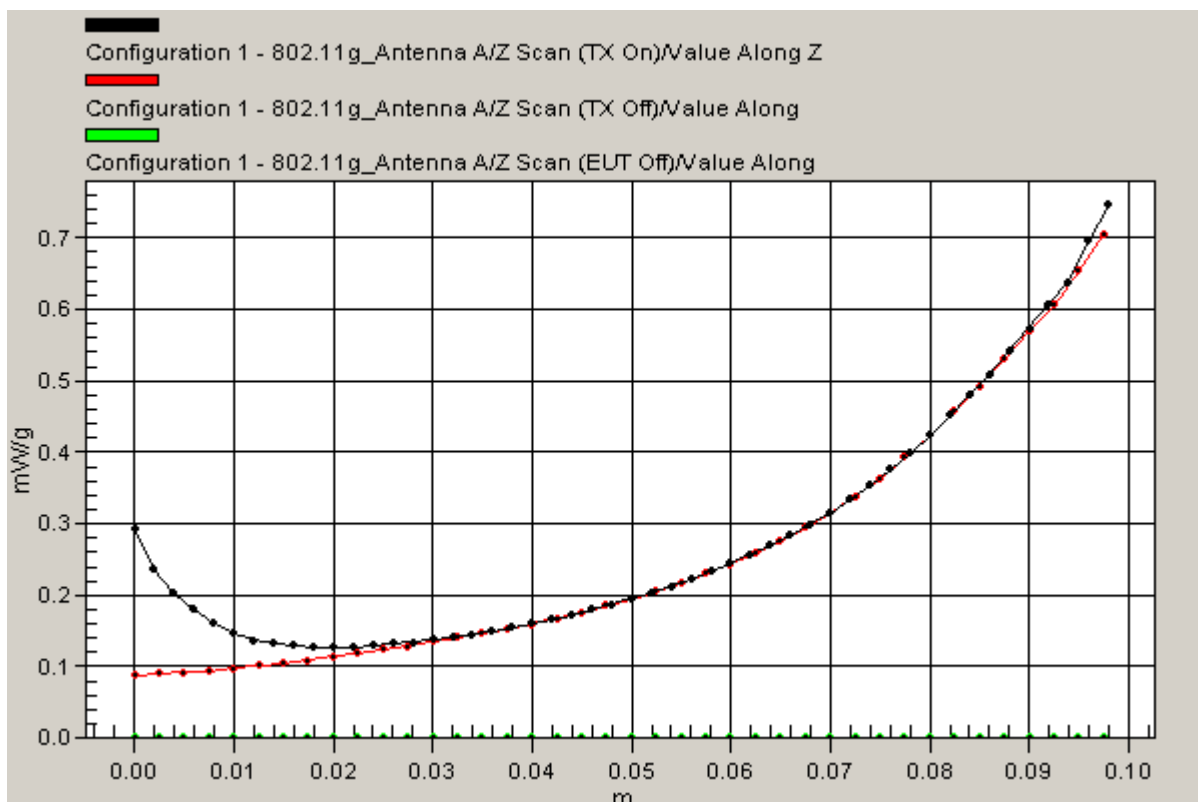
Reference Value = 6.98 V/m

Maximum value of SAR = 0.705 mW/g

Middle/Z Scan (EUT Off) (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 6.98 V/m

Maximum value of SAR = 0.000855 mW/g



Test Laboratory: Compliance Certification Services

File Name: C2_802.11g - Antenna B.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11g_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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

Turbo Mode/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.53 V/m

Power Drift = -0.002 dB

Maximum value of SAR = 0.319 mW/g

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

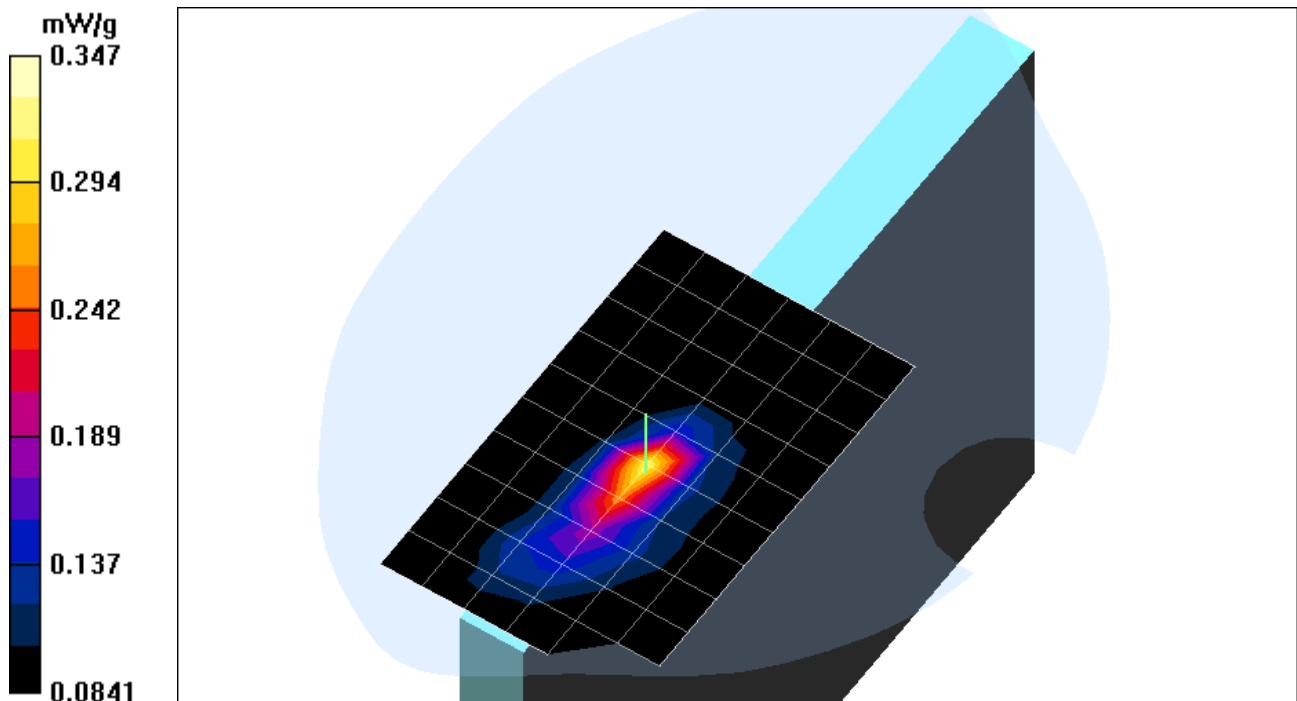
Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.164 mW/g

Reference Value = 6.53 V/m

Power Drift = -0.002 dB

Maximum value of SAR = 0.347 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C2_802.11g - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 2 - 802.11g_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9481$ mho/m, $\epsilon_r = 52.5148$, $\rho = 1000$ 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/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.52 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.335 mW/g

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

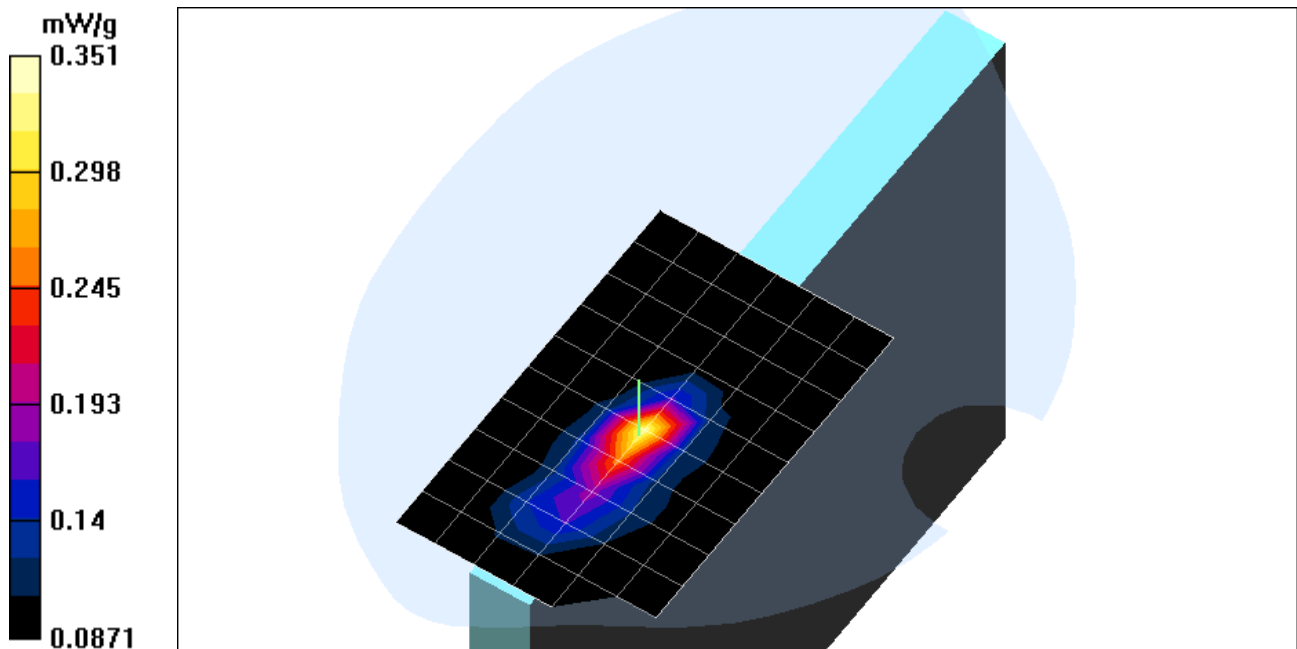
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.176 mW/g

Reference Value = 6.52 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.351 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C3_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 3 - 802.11b_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ 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/Area Scan (10x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.76 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.0925 mW/g

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

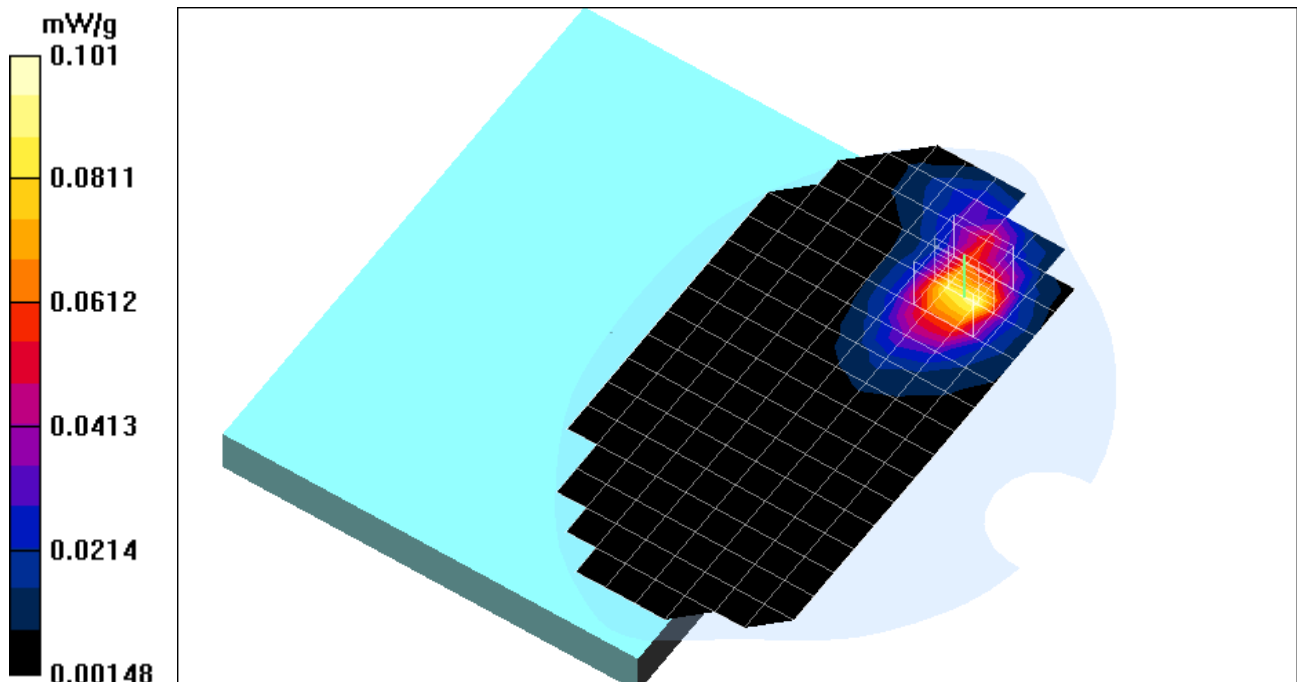
Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.1 mW/g; SAR(10 g) = 0.0512 mW/g

Reference Value = 1.76 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.101 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C3_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 3 - 802.11b_Antenna A

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

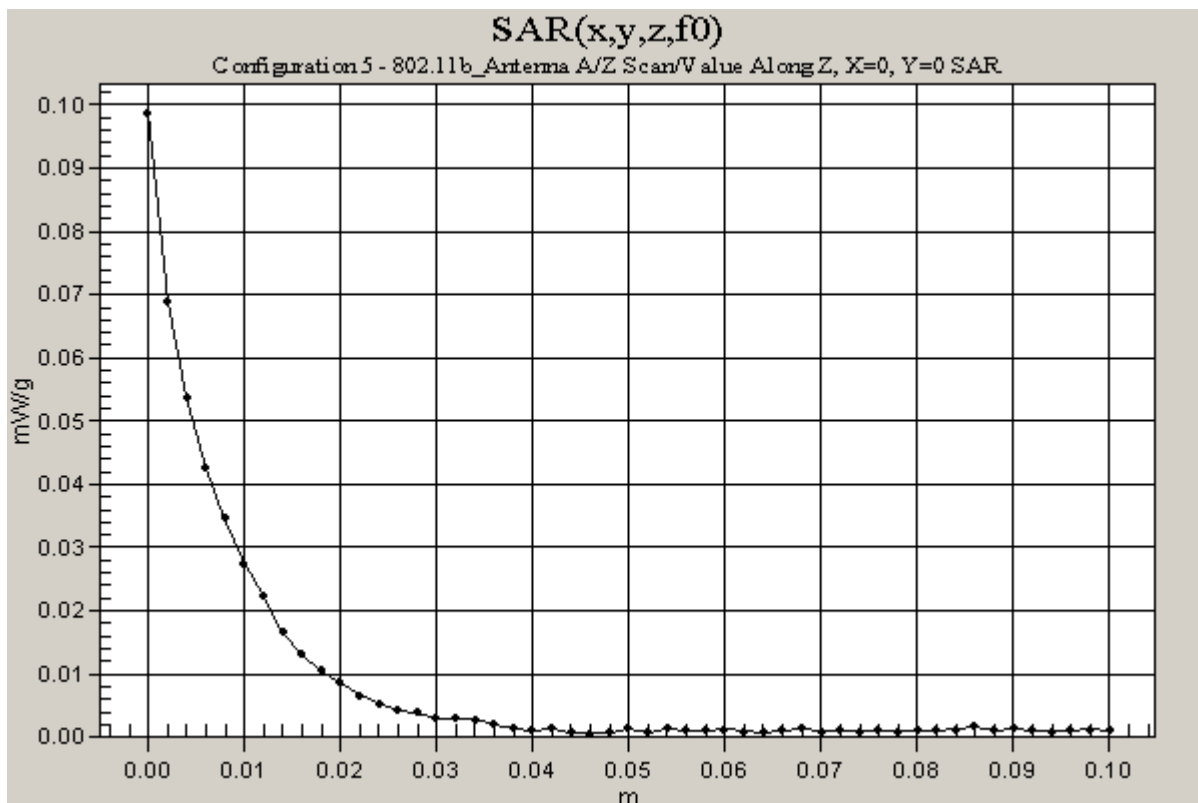
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.76 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.0987 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C3_802.11g - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 3 - 802.11g_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ 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/Area Scan (10x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.58 V/m

Power Drift = -0.16 dB

Maximum value of SAR = 0.0683 mW/g

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

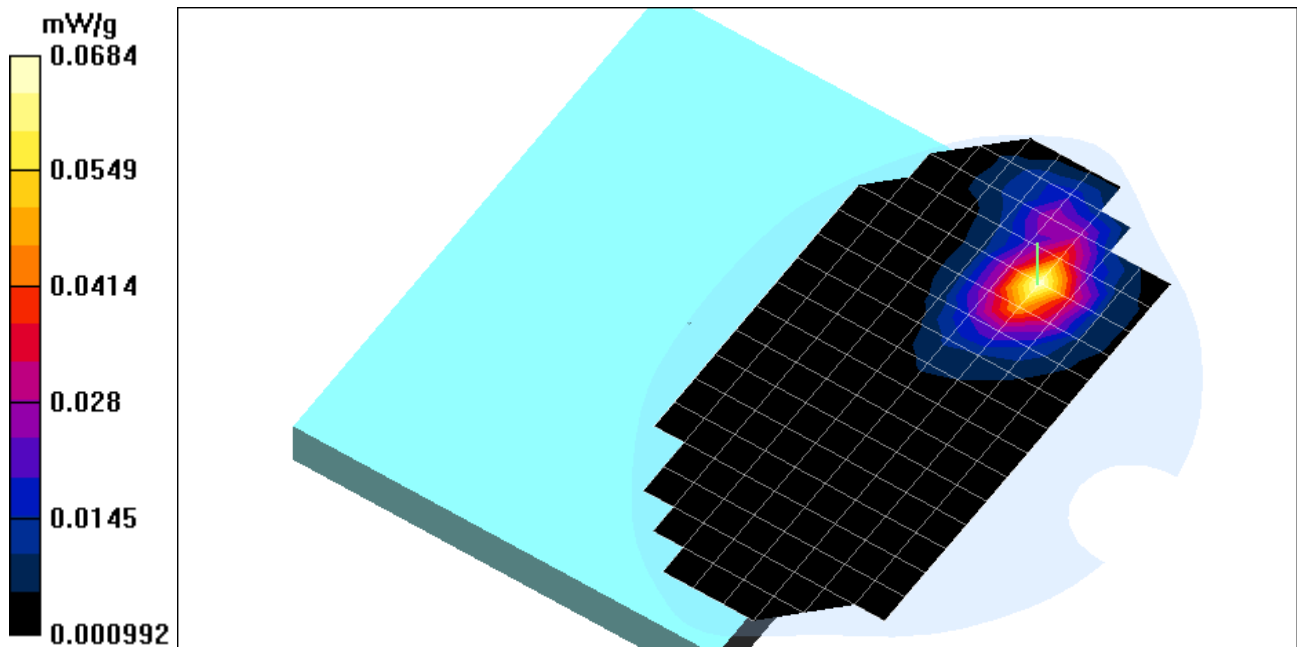
Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.0652 mW/g; SAR(10 g) = 0.0331 mW/g

Reference Value = 1.58 V/m

Power Drift = -0.16 dB

Maximum value of SAR = 0.0684 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C3_802.11g - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 3 - 802.11g_Antenna A

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

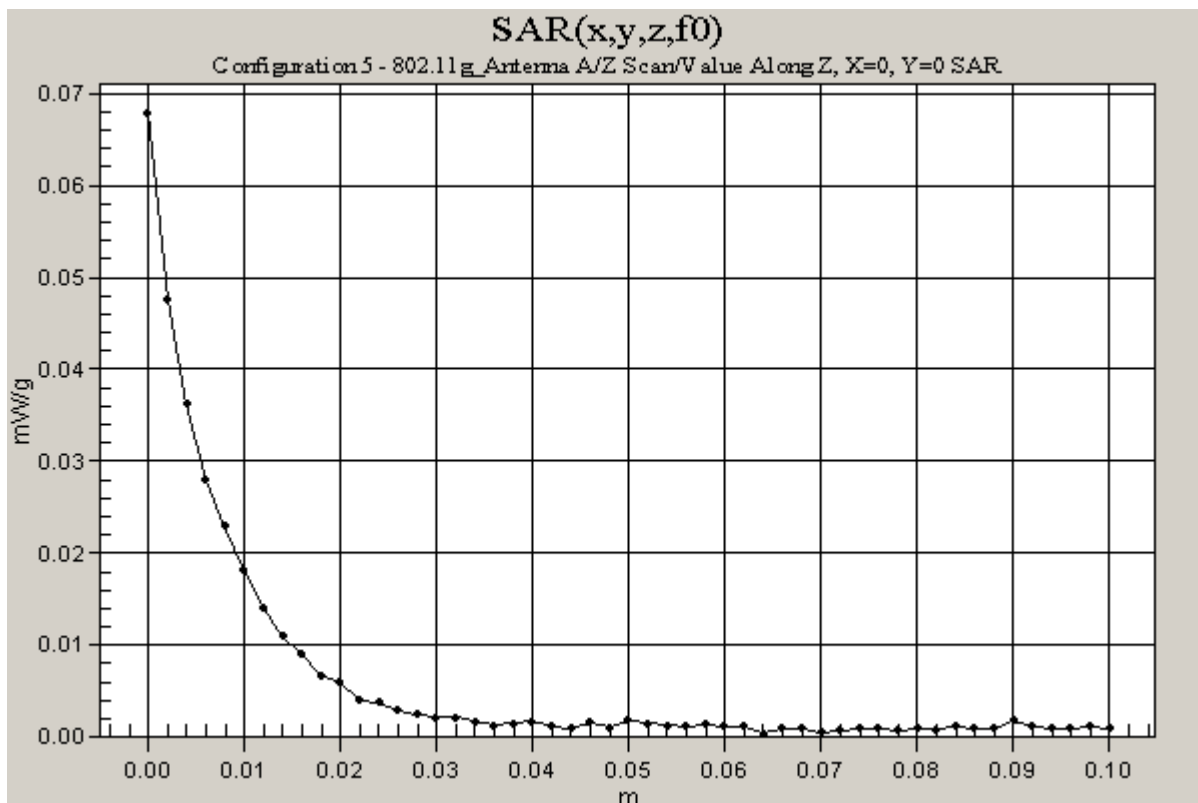
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.58 V/m

Power Drift = -0.15 dB

Maximum value of SAR = 0.0679 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C4_802.11b - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 4 - 802.11b_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ 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/Area Scan (10x17x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.61 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.0597 mW/g

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

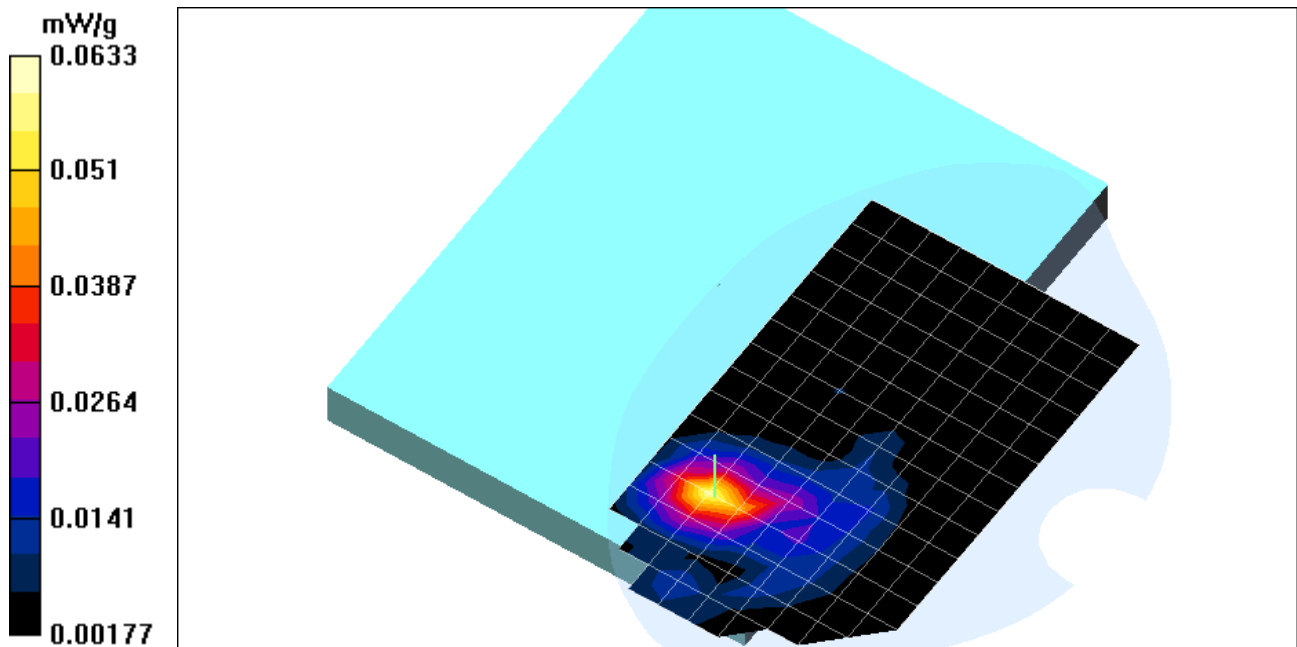
Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.0573 mW/g; SAR(10 g) = 0.0294 mW/g

Reference Value = 1.61 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.0633 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C4_802.11b - Antenna B.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 4 - 802.11b_Antenna B

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

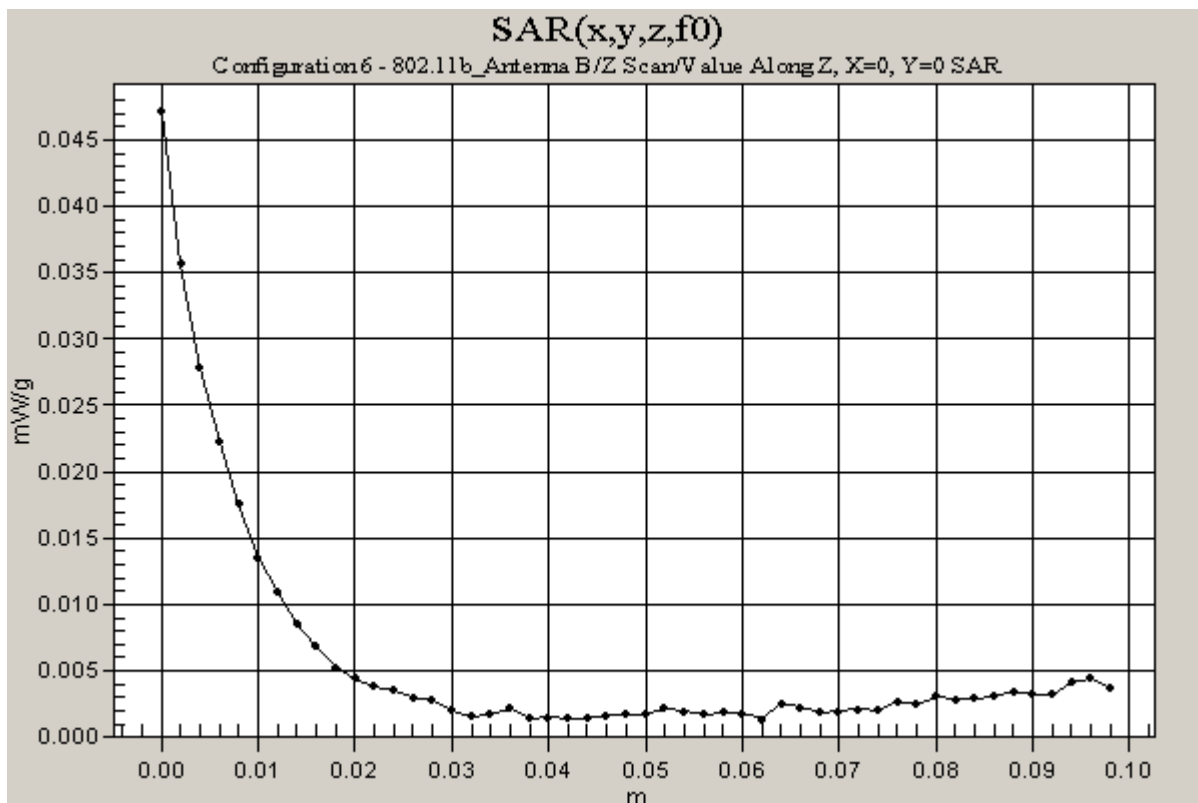
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.61 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.0471 mW/g



Test Laboratory: Compliance Certification Services

File Name: C4_802.11g - Antenna B.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 4 - 802.11g_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ 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/Area Scan (10x17x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.13 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.0281 mW/g

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

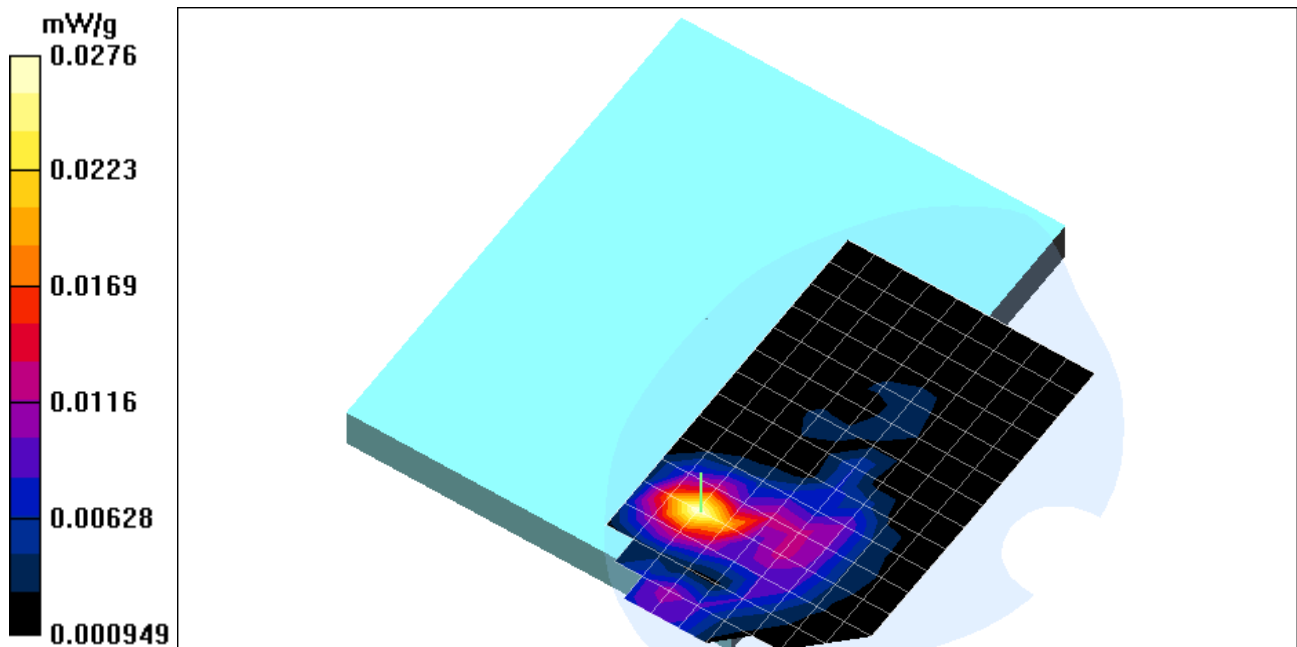
Peak SAR (extrapolated) = 0.0525 W/kg

SAR(1 g) = 0.0264 mW/g; SAR(10 g) = 0.0141 mW/g

Reference Value = 1.13 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.0276 mW/g



Test Laboratory: Compliance Certification Services

File Name: C4_802.11g - Antenna B.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 4 - 802.11g_Antenna B

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

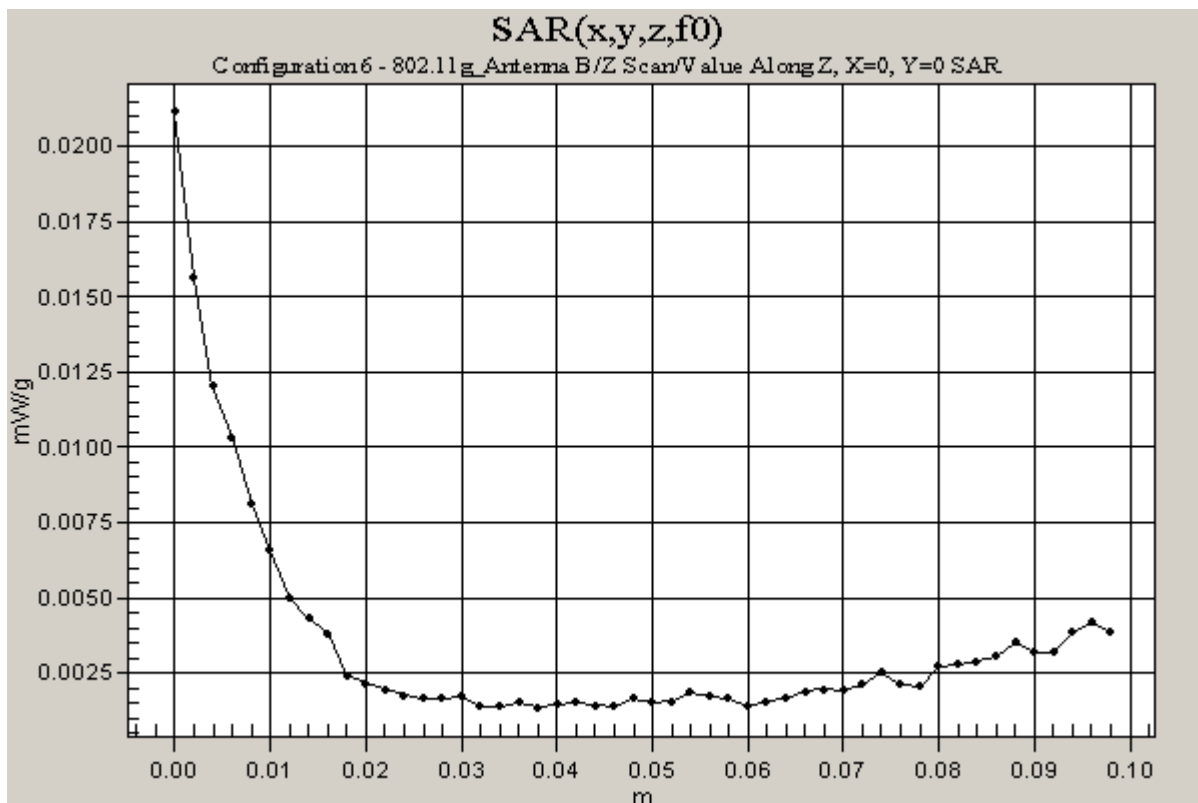
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.13 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0211 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C5_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 5 - 802.11b_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ 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/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.96 V/m

Power Drift = -0.14 dB

Maximum value of SAR = 0.346 mW/g

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

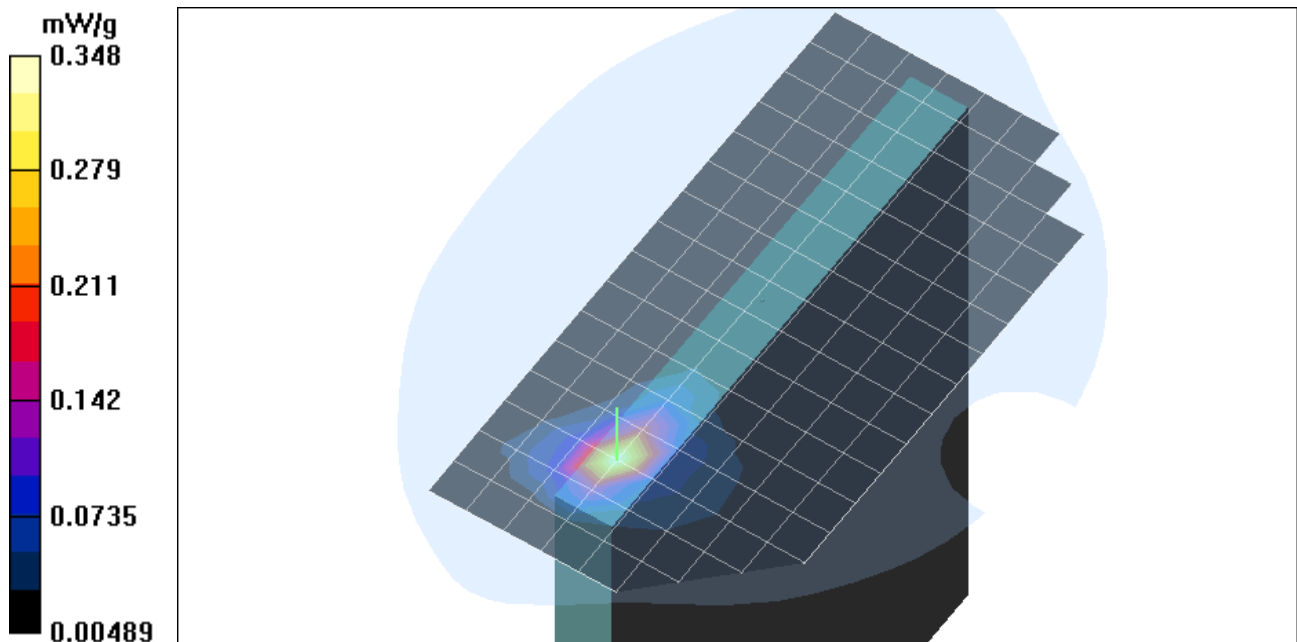
Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.12 mW/g

Reference Value = 1.96 V/m

Power Drift = -0.14 dB

Maximum value of SAR = 0.348 mW/g



Test Laboratory: Compliance Certification Services

File Name: [C5_802.11b - Antenna A.da4](#)

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 5 - 802.11b_Antenna A

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9473$ mho/m, $\epsilon_r = 52.5238$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

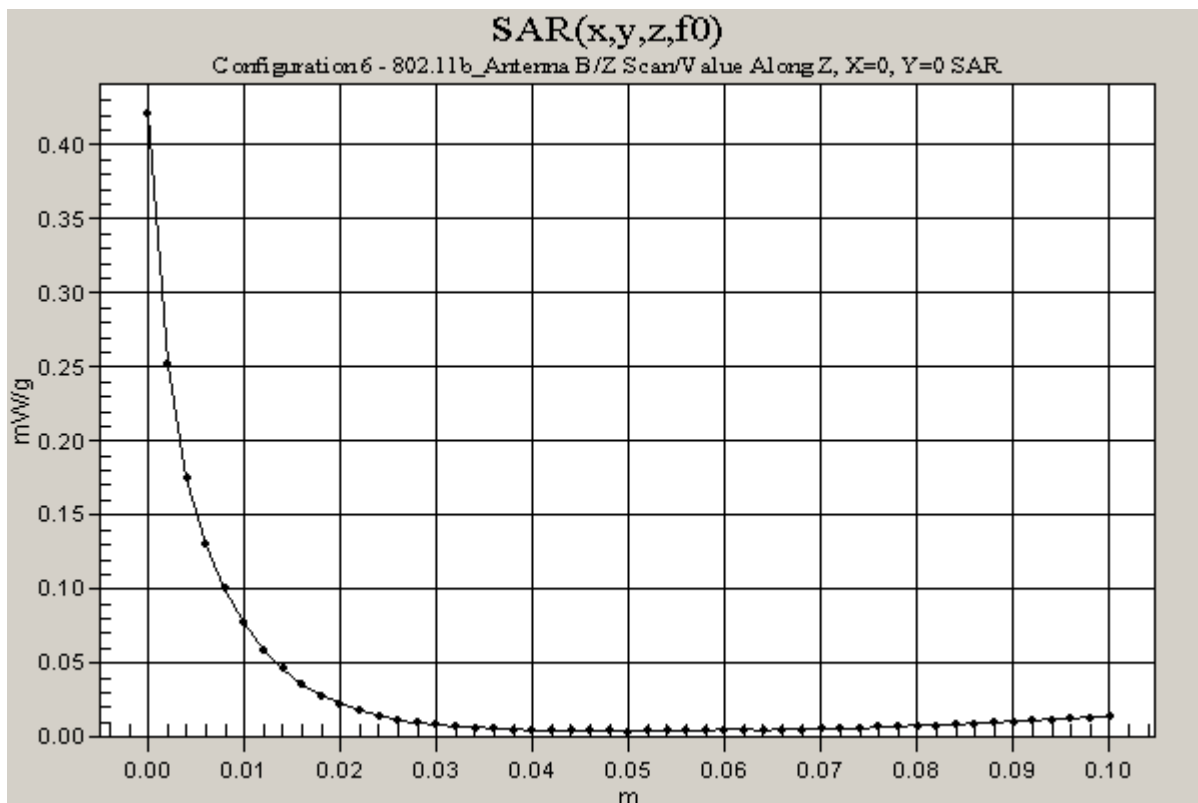
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.96 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.422 mW/g



Test Laboratory: Compliance Certification Services

File Name: C6_802.11b - Antenna A.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 6 - 802.11b_Antenna A

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.973$ mho/m, $\epsilon_r = 52.3142$, $\rho = 1000$ 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/Area Scan (14x21x1): Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.0414 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00929 mW/g

Reference Value = 0.799 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0181 mW/g

Low/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

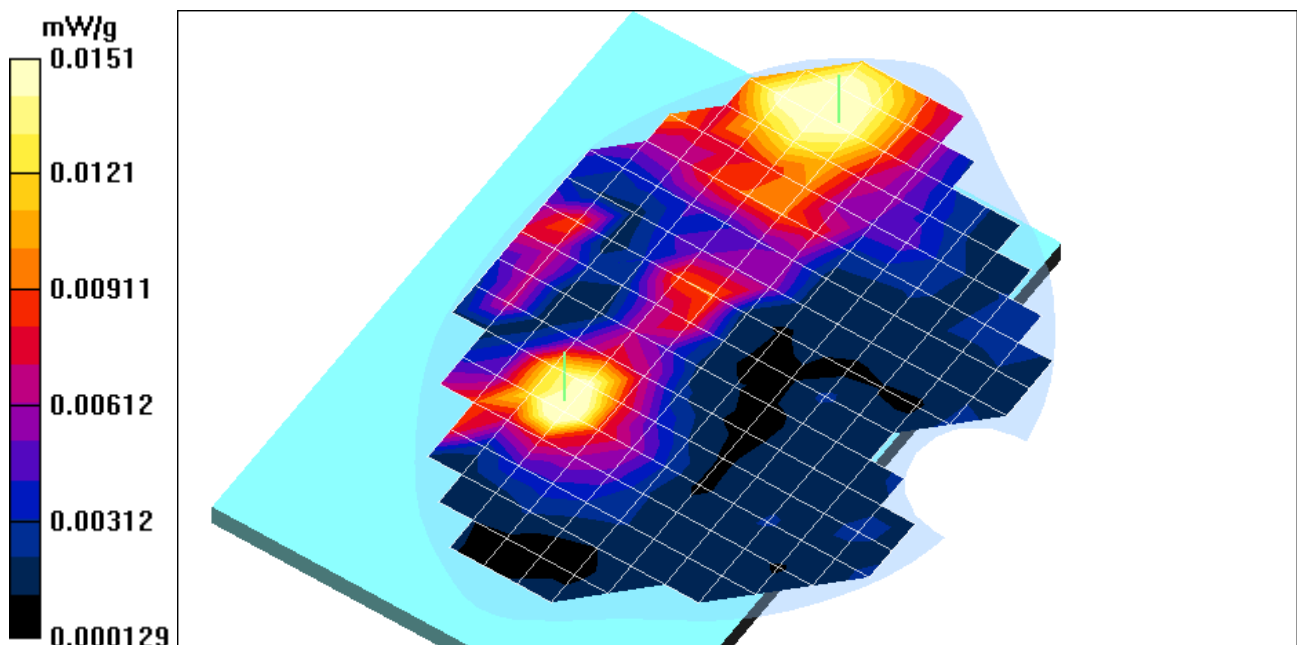
Peak SAR (extrapolated) = 0.0309 W/kg

SAR(1 g) = 0.0149 mW/g; SAR(10 g) = 0.00905 mW/g

Reference Value = 0.799 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0151 mW/g



Test Laboratory: Compliance Certification Services

File Name: C6_802.11b - Antenna A.da4

DUT: Ambit Microsystems Corp; Type: J07H069.01; Serial: N/A

Program: Configuration 6 - 802.11b_Antenna A

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.973$ mho/m, $\epsilon_r = 52.3142$, $\rho = 1000$ 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/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 0.799 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.0129 mW/g

