Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

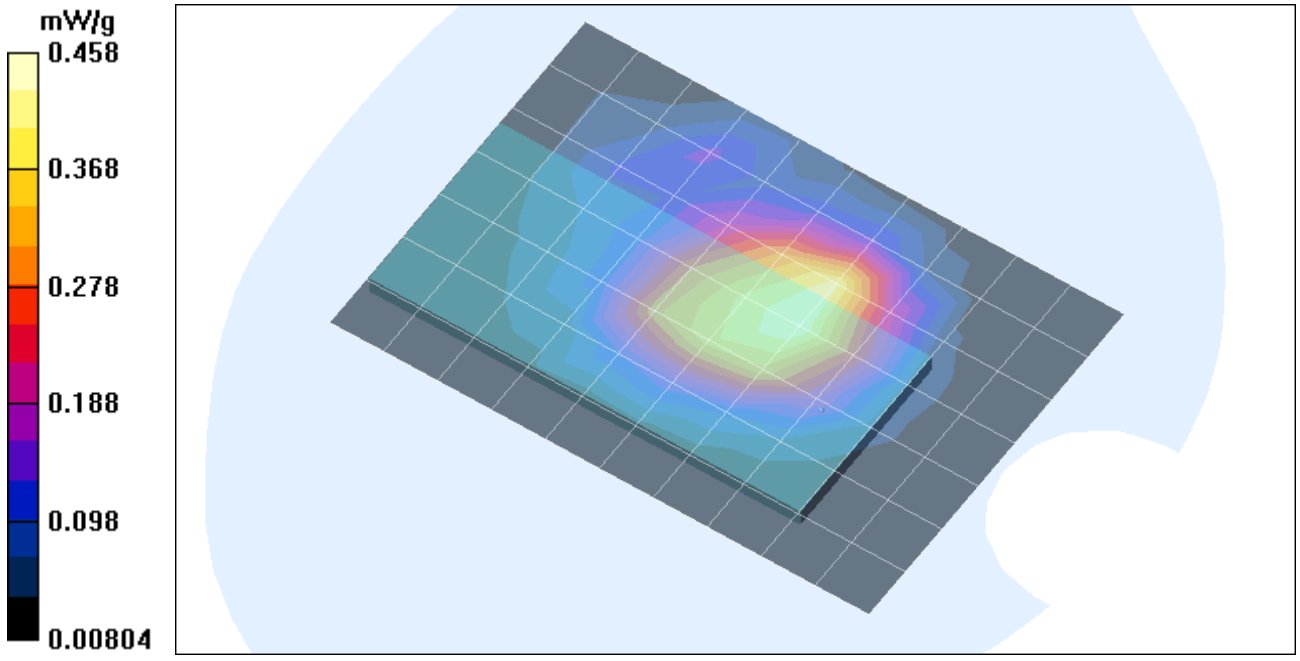
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna A) /Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 14.6 V/m; Power Drift = -0.13 dB
Maximum value of SAR (measured) = 0.432 mW/g

Middle (Antenna A) /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = -0.13 dB
Maximum value of SAR (measured) = 0.458 mW/g
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.253 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

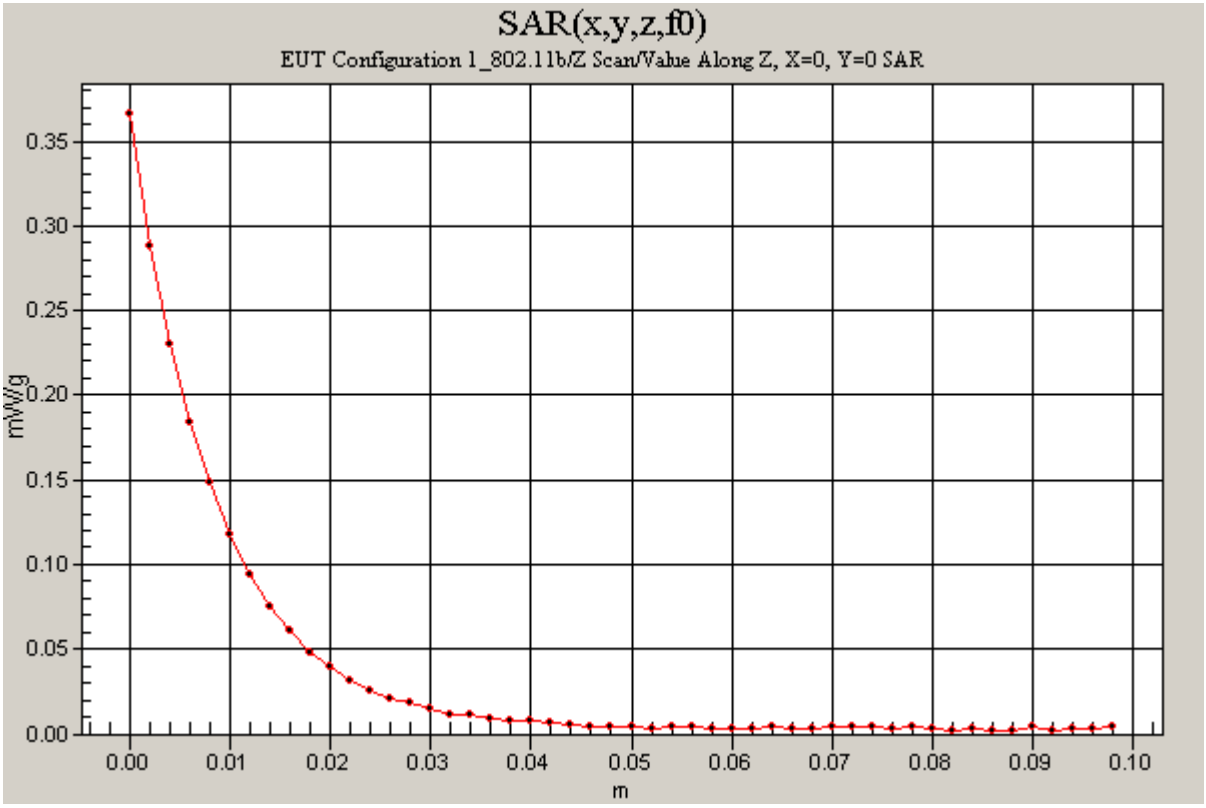
Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna A) /Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 14.6 V/m; Power Drift = -0.14 dB
Maximum value of SAR (measured) = 0.366 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

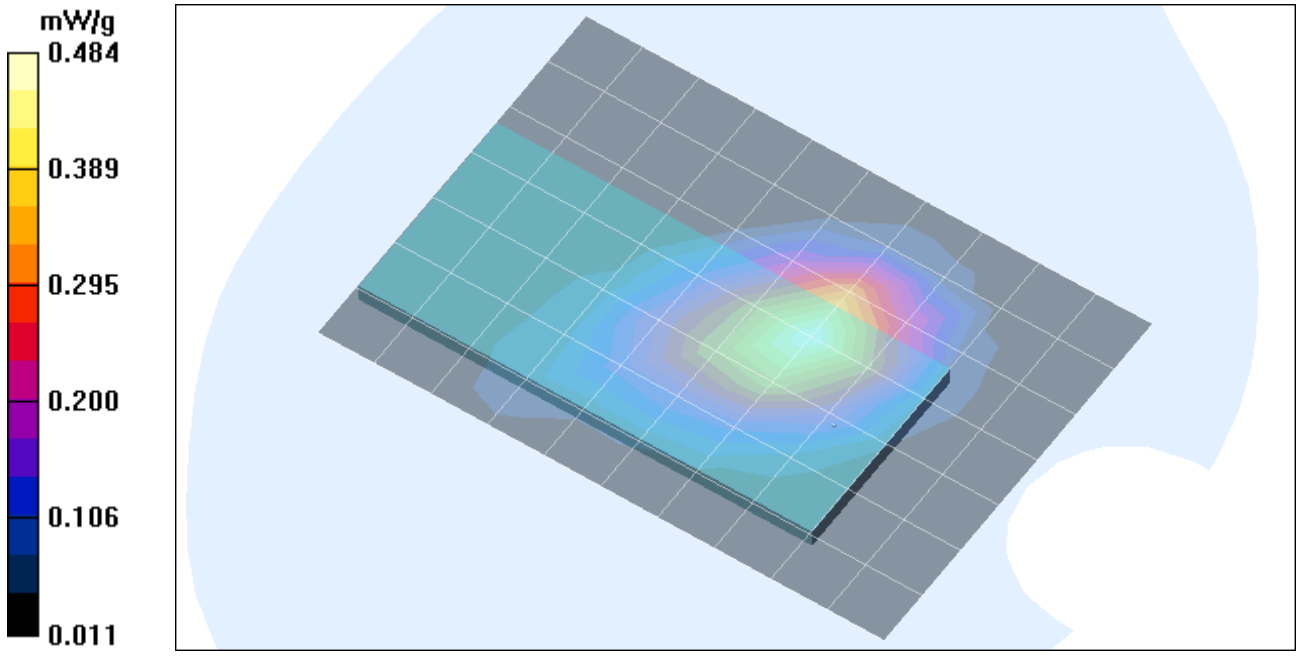
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna B)/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 13.6 V/m; Power Drift = -0.12 dB
Maximum value of SAR (measured) = 0.489 mW/g

Middle (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.12 dB
Maximum value of SAR (measured) = 0.484 mW/g
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.261 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

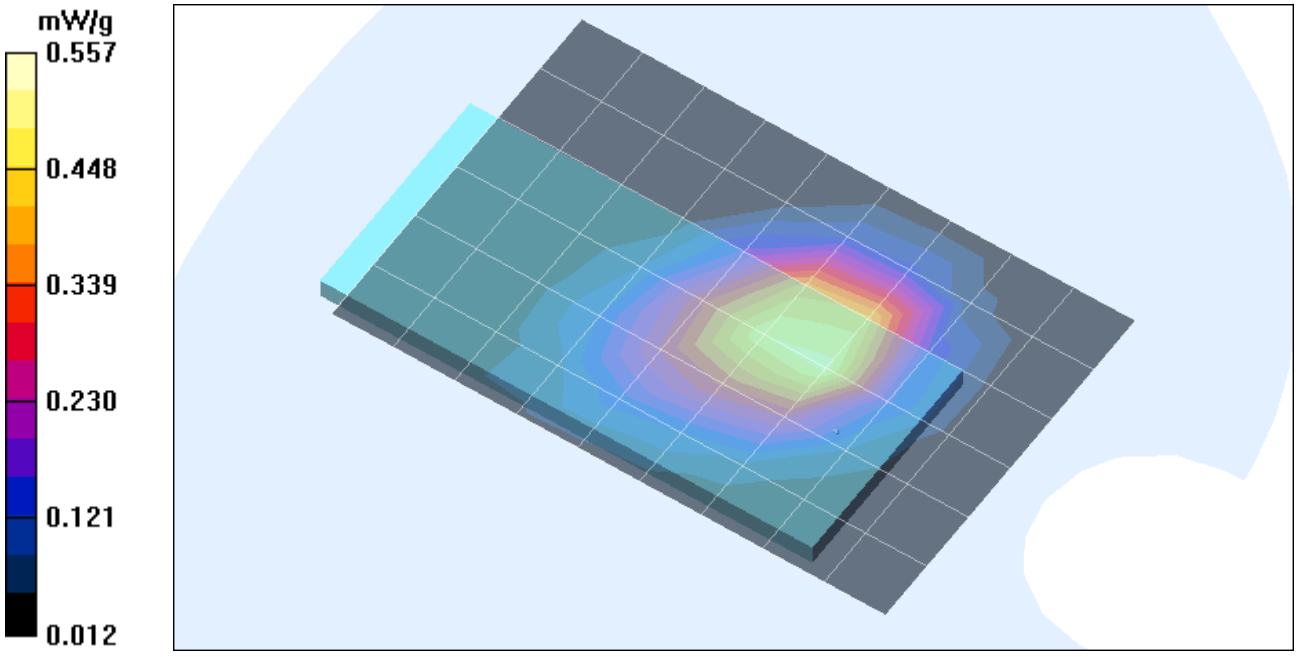
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.94 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Low (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.4 V/m; Power Drift = -0.14 dB
Maximum value of SAR (measured) = 0.498 mW/g

Low (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = -0.14 dB
Maximum value of SAR (measured) = 0.557 mW/g
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.295 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

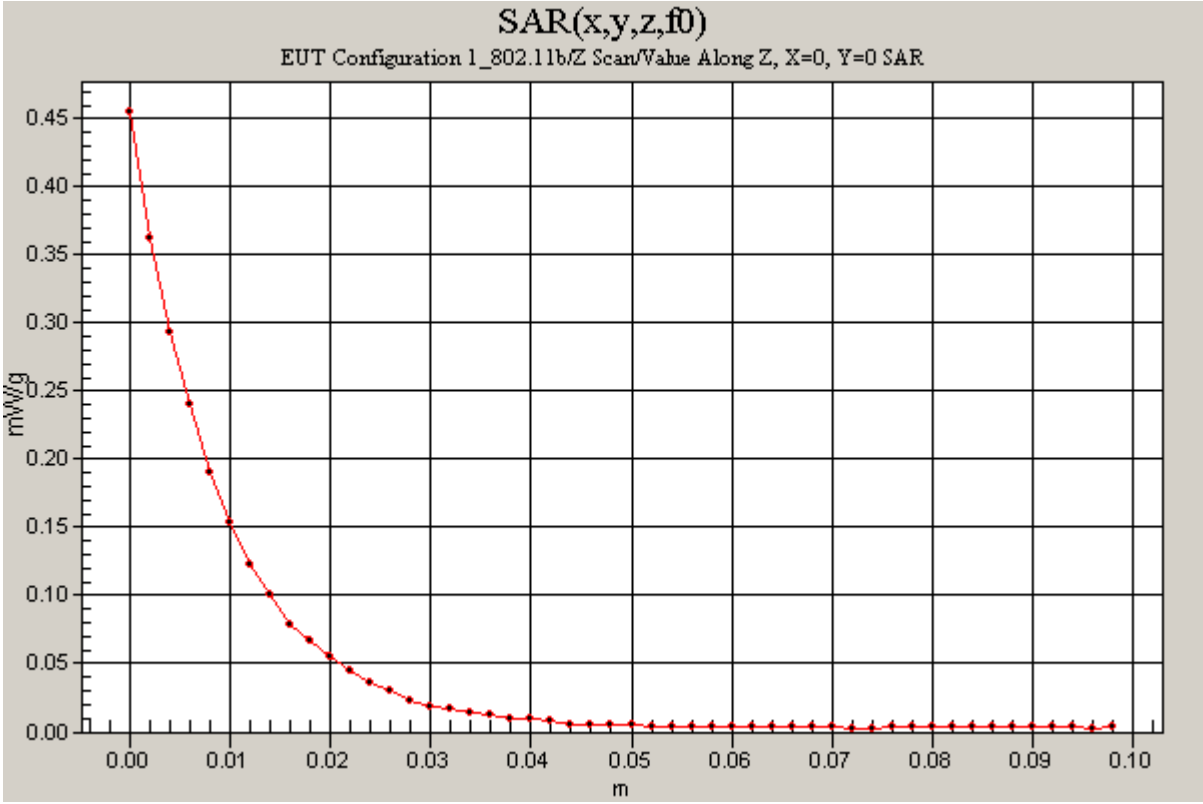
Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Low (Antenna B)/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 15.4 V/m; Power Drift = -0.14 dB
Maximum value of SAR (measured) = 0.455 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

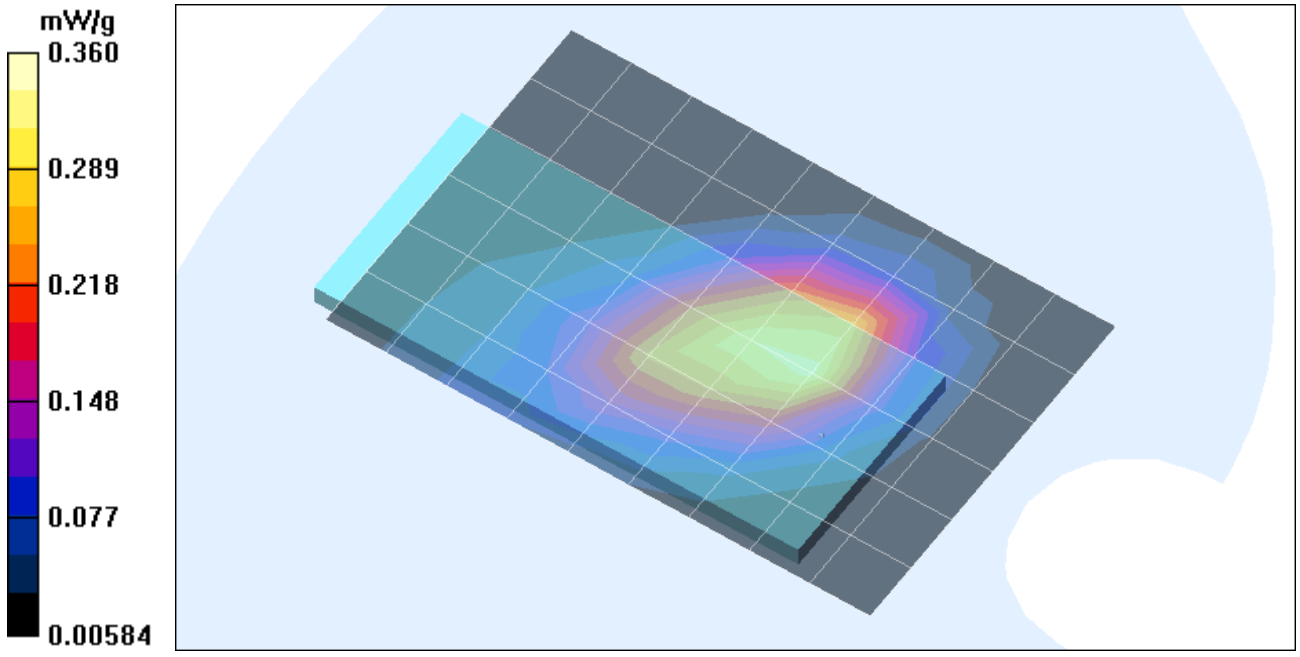
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

High 1 (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12 V/m; Power Drift = -0.01 dB
Maximum value of SAR (measured) = 0.323 mW/g

High 1 (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12 V/m; Power Drift = -0.01 dB
Maximum value of SAR (measured) = 0.360 mW/g
Peak SAR (extrapolated) = 0.583 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.193 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

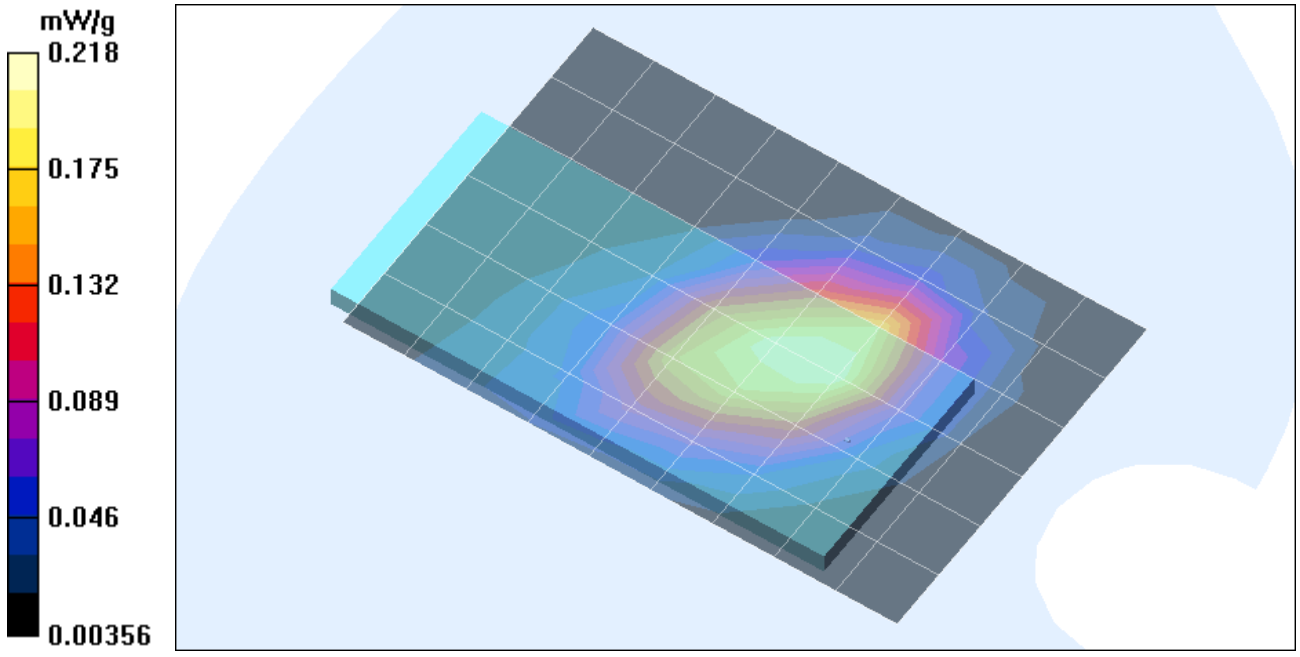
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2467 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2467 MHz; σ = 2.02 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

High 2 (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 9.74 V/m; Power Drift = -0.14 dB
Maximum value of SAR (measured) = 0.202 mW/g

High 2 (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.74 V/m; Power Drift = -0.14 dB
Maximum value of SAR (measured) = 0.218 mW/g
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.116 mW/g



Date/Time: 04/02/04 14:38:23

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11b

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

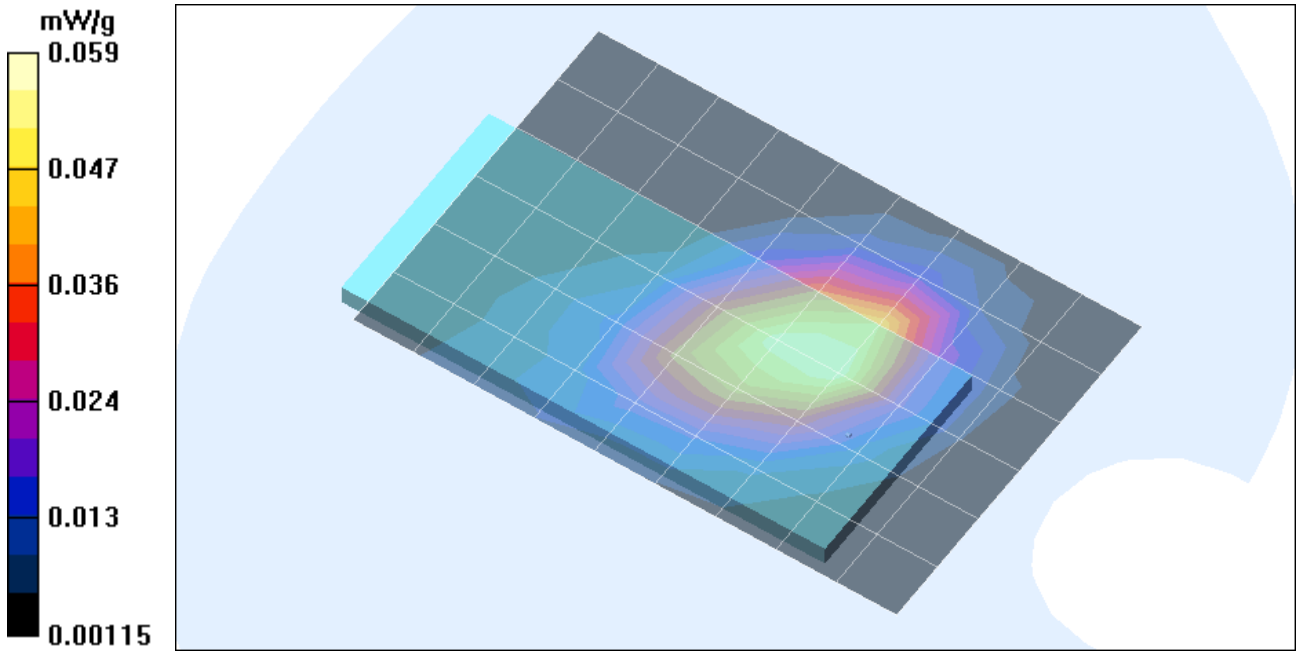
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2472 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2472 MHz; σ = 2.04 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

High 3 (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.98 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.055 mW/g

High 3 (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.98 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.059 mW/g
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.032 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

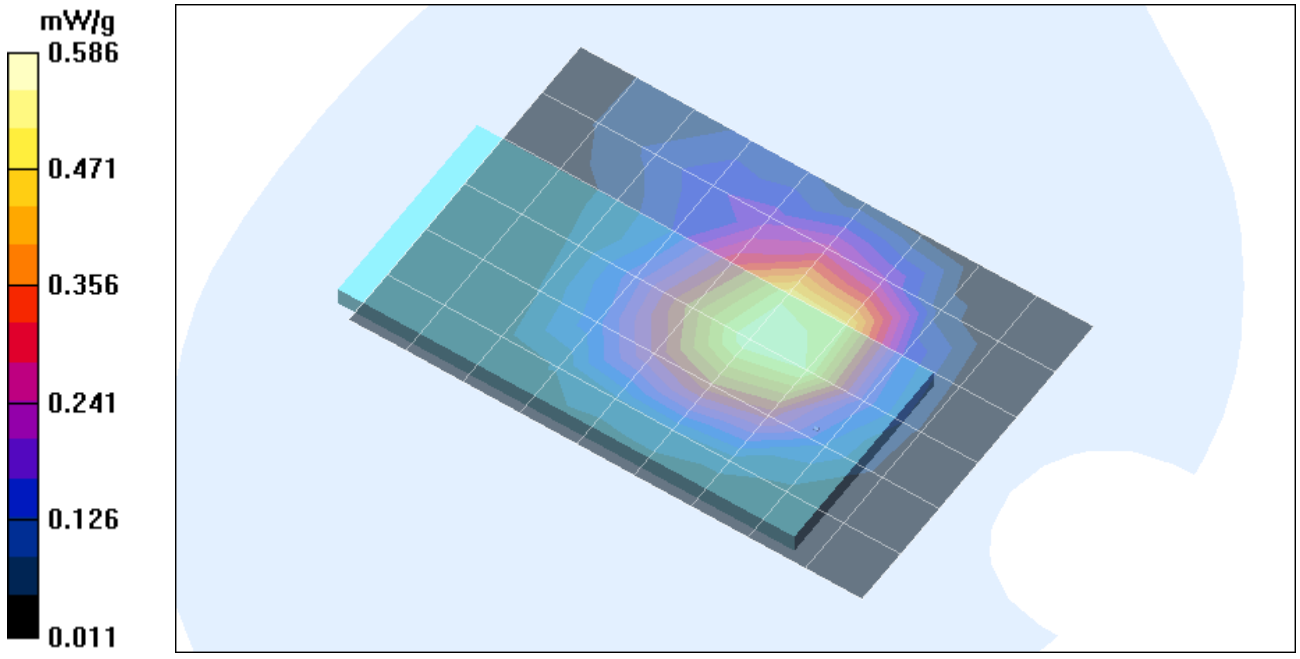
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna A)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.8 V/m; Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.549 mW/g

Middle (Antenna A)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.586 mW/g
Peak SAR (extrapolated) = 0.925 W/kg
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.324 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

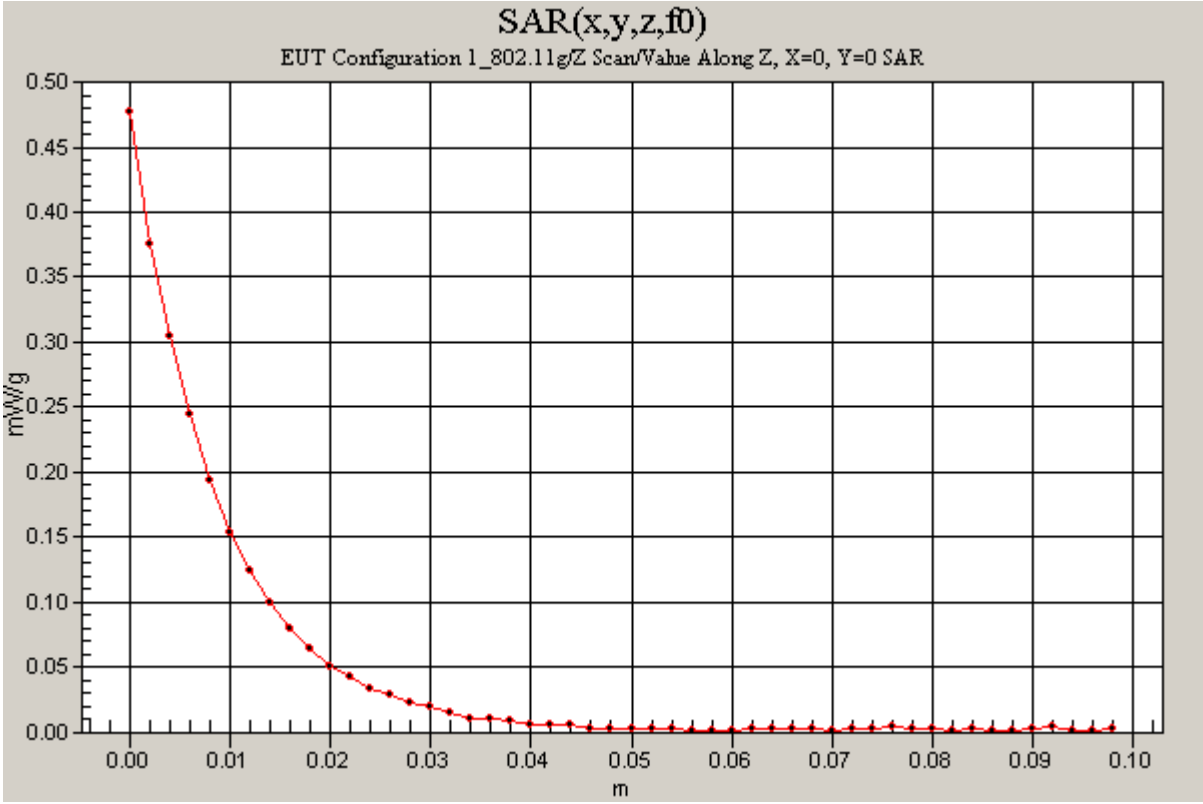
Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna A)/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 15.8 V/m; Power Drift = 0.12 dB
Maximum value of SAR (measured) = 0.477 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

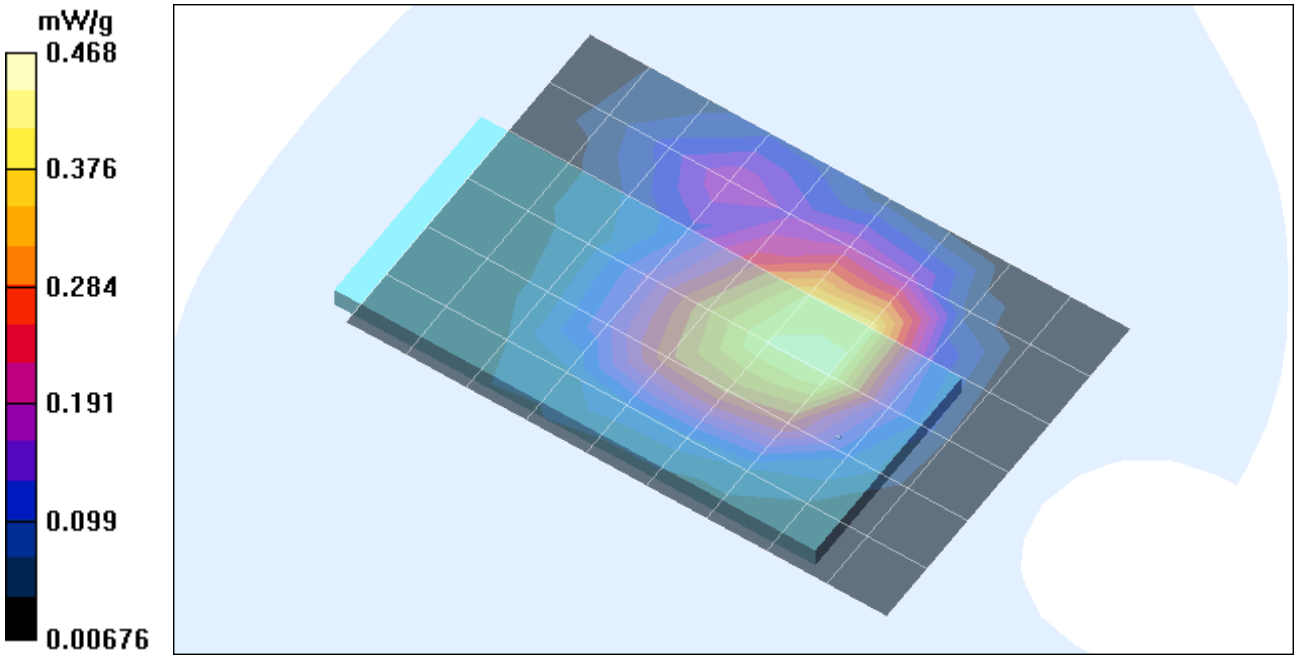
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Turbo (Antenna A)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 14.1 V/m; Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.411 mW/g

Turbo (Antenna A)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.468 mW/g
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.255 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

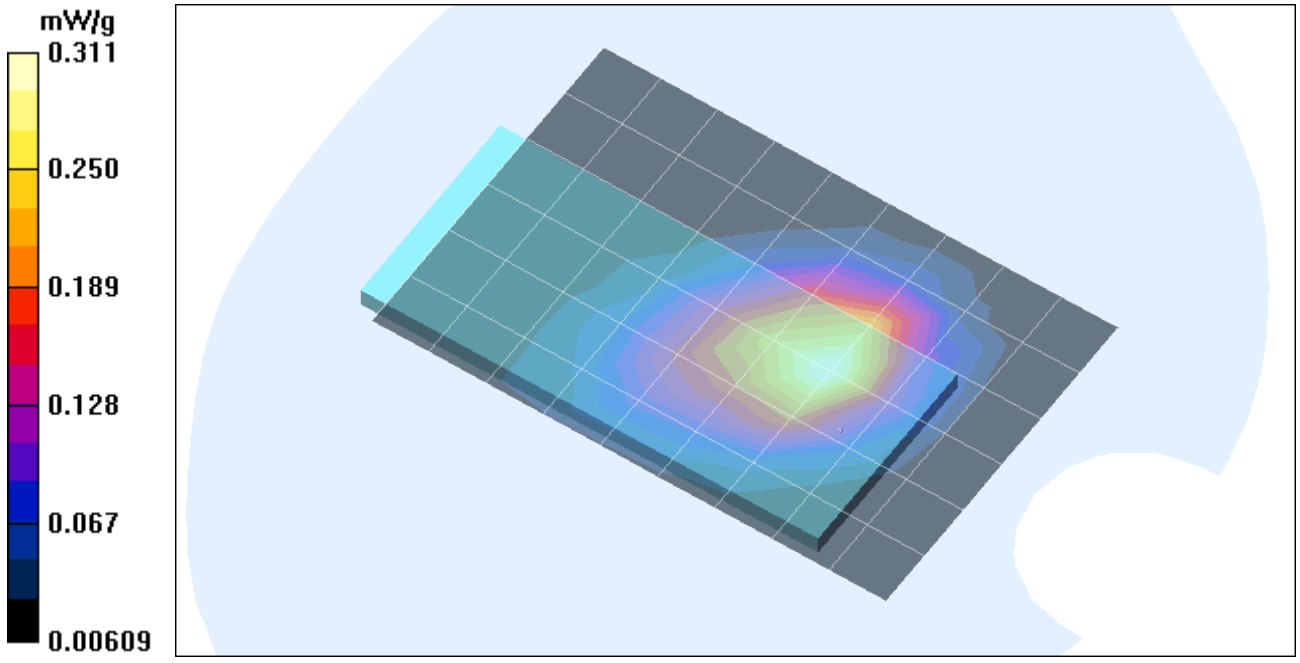
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.94 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Low (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.6 V/m; Power Drift = -0.12 dB
Maximum value of SAR (measured) = 0.320 mW/g

Low (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.12 dB
Maximum value of SAR (measured) = 0.311 mW/g
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.164 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

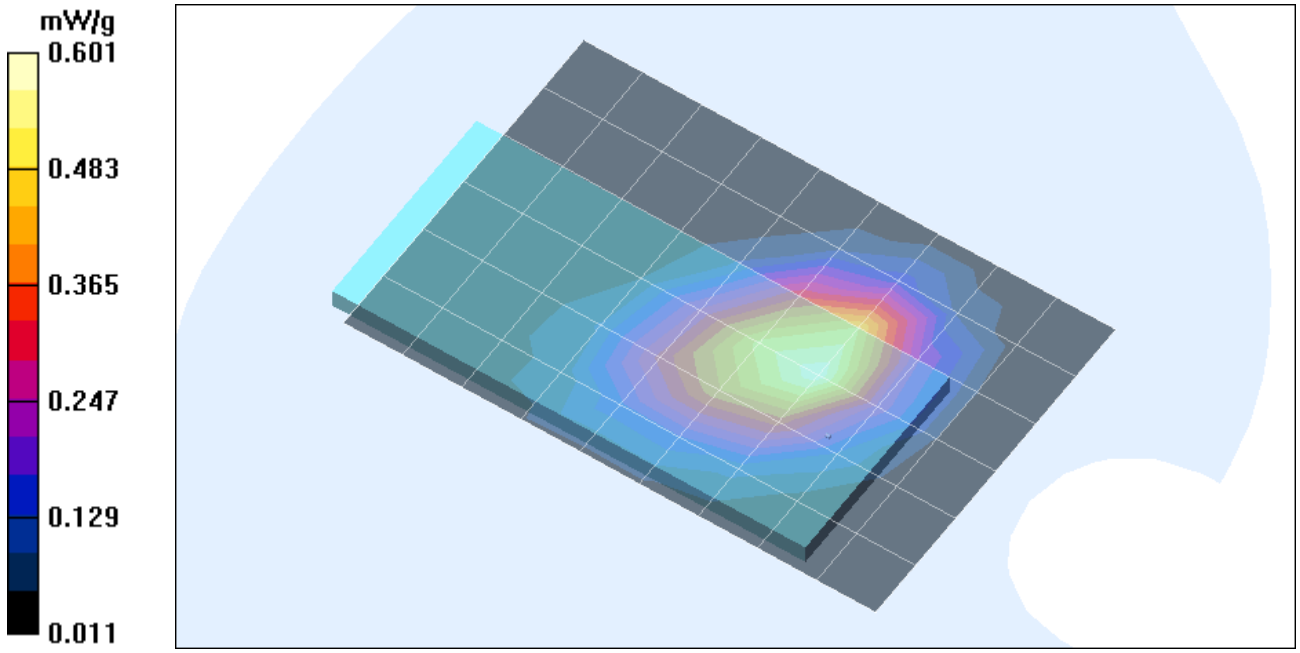
Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 14.5 V/m; Power Drift = 0.12 dB
Maximum value of SAR (measured) = 0.593 mW/g

Middle (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.12 dB
Maximum value of SAR (measured) = 0.601 mW/g
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.320 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

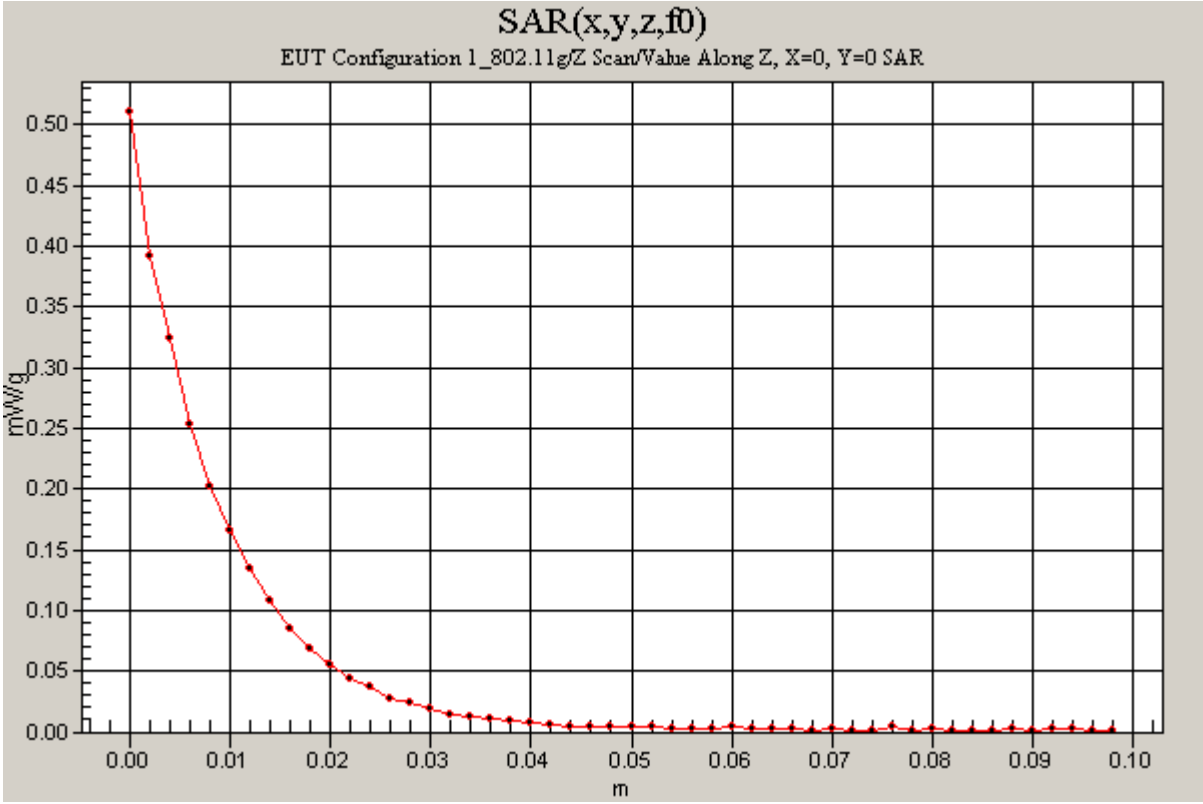
Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Middle (Antenna B)/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 14.5 V/m; Power Drift = 0.12 dB
Maximum value of SAR (measured) = 0.510 mW/g



Date/Time: 04/02/04 17:40:52

Test Laboratory: The name of your organization

Host # 1_IBM Laptop_802.11g

DUT: Atheros; Type: AR5BCB-00051; Serial: N/A

Ambient temperature = 24.0 deg. C; Liquid temperature = 23.0 deg. C
Communication System: Athreos; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Turbo (Antenna B)/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 13.8 V/m; Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.507 mW/g

Turbo (Antenna B)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.549 mW/g
Peak SAR (extrapolated) = 0.851 W/kg
SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.281 mW/g