

Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11b_Antenna 1

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (7x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.19 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.356 mW/g

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

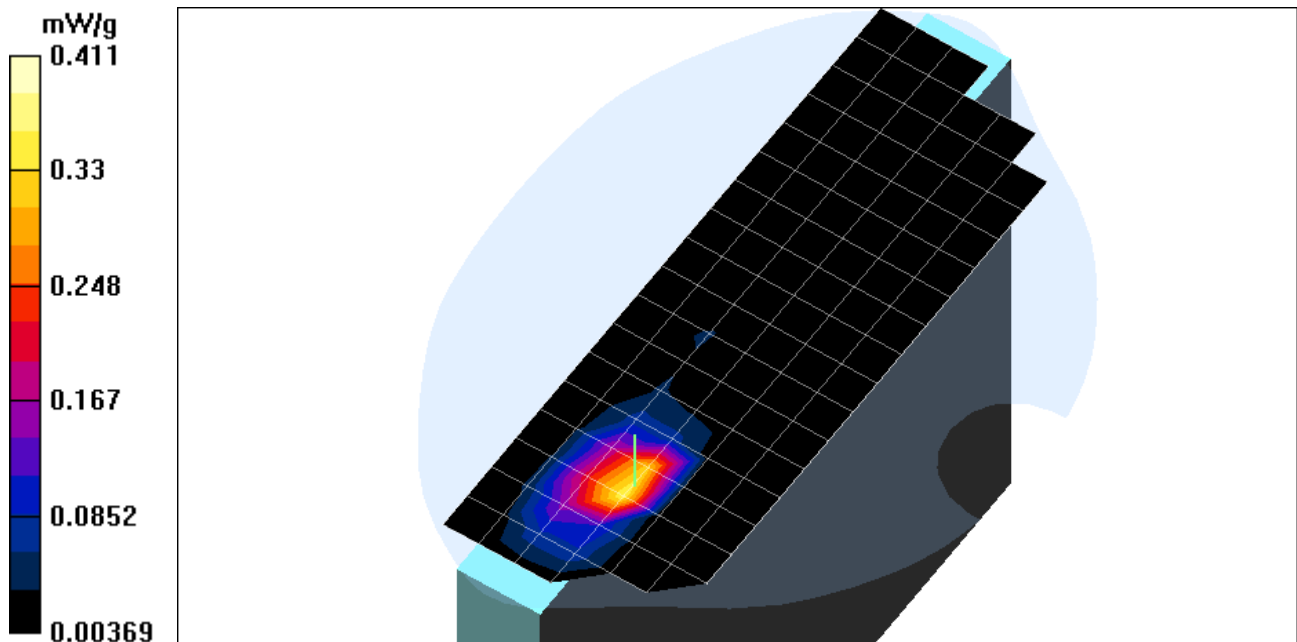
Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.165 mW/g

Reference Value = 2.19 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.411 mW/g



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Program: EUT Setup Configuration 1_802.11b_Antenna 1

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

Medium: Muscle 2450 MHz ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

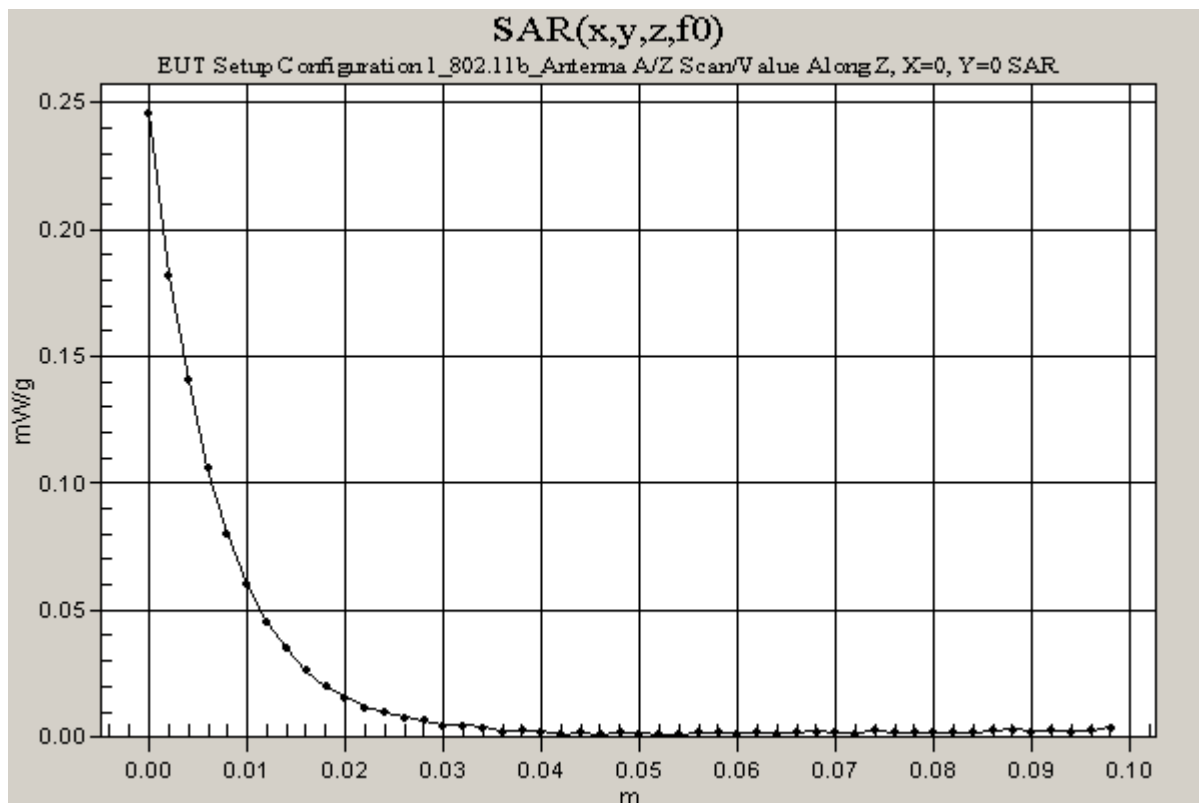
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 2.19 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.246 mW/g



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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11b_Antenna 1

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.11 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.338 mW/g

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

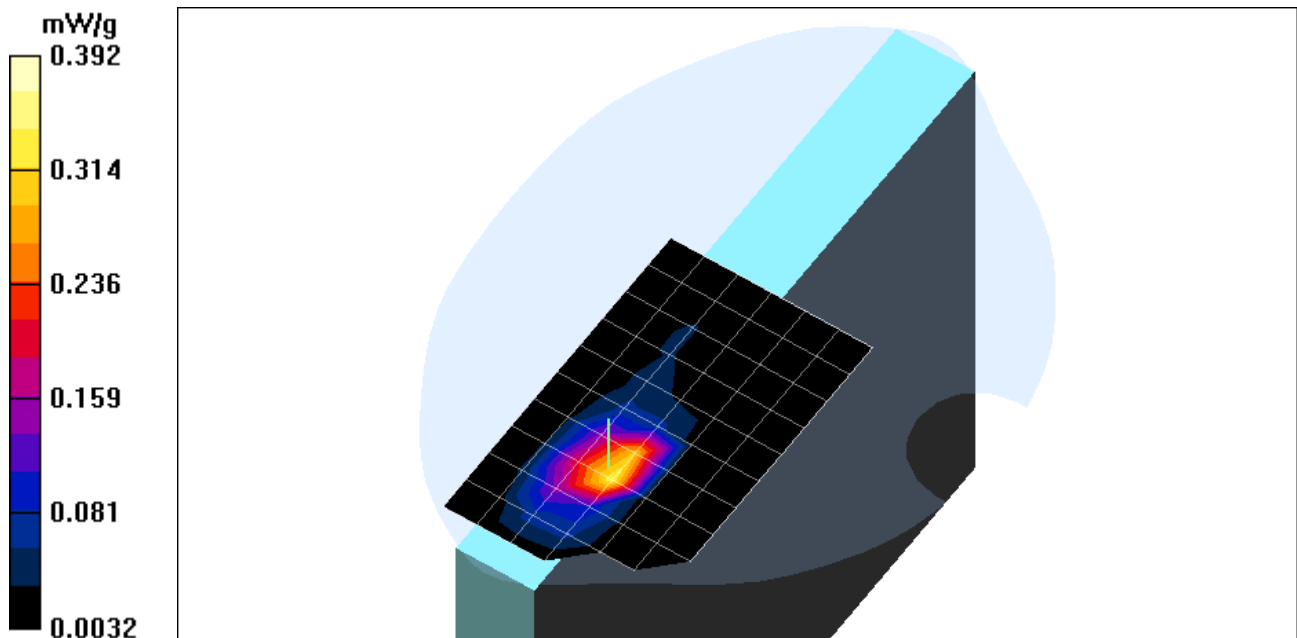
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.155 mW/g

Reference Value = 2.11 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.392 mW/g



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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11b_Antenna 1

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 ($\sigma = 1.9565 \text{ mho/m}$, $\epsilon_r = 52.2249$, $\rho = 1000 \text{ kg/m}^3$)

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

High/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.17 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.308 mW/g

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

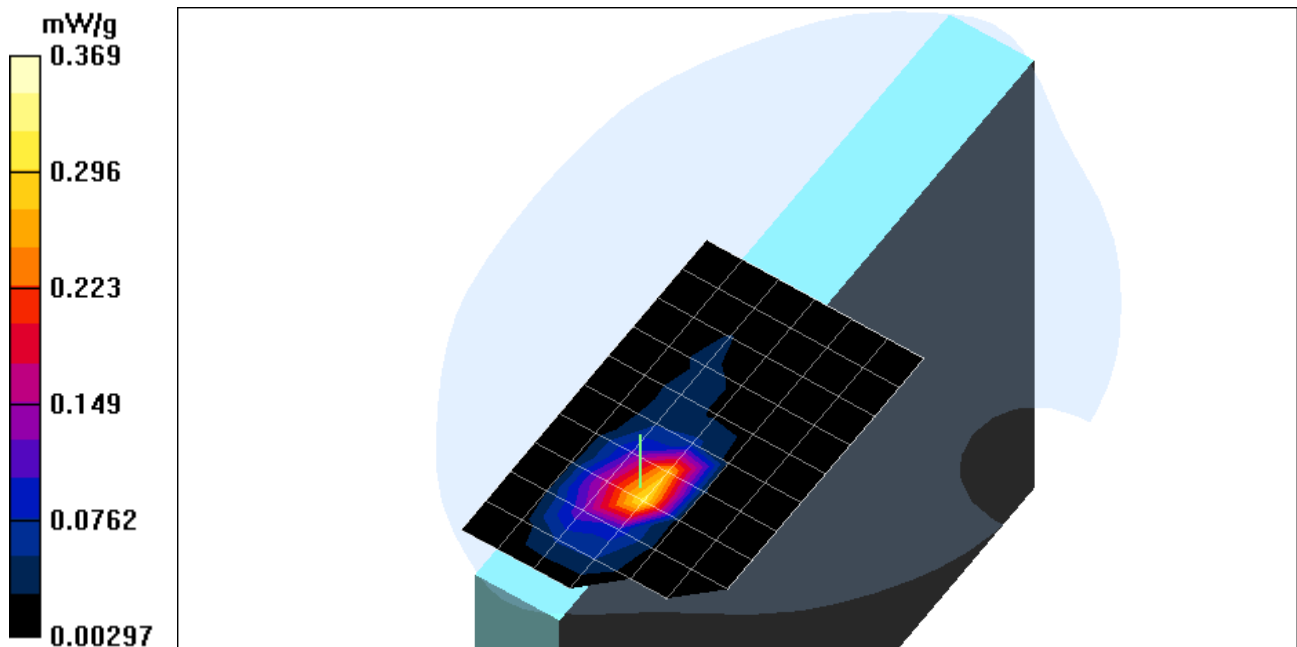
Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.137 mW/g

Reference Value = 2.17 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.369 mW/g



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Program: EUT Setup Configuration 1_802.11b_Antenna 1

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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

Co-location 2/Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.32 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.42 mW/g

Co-location 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

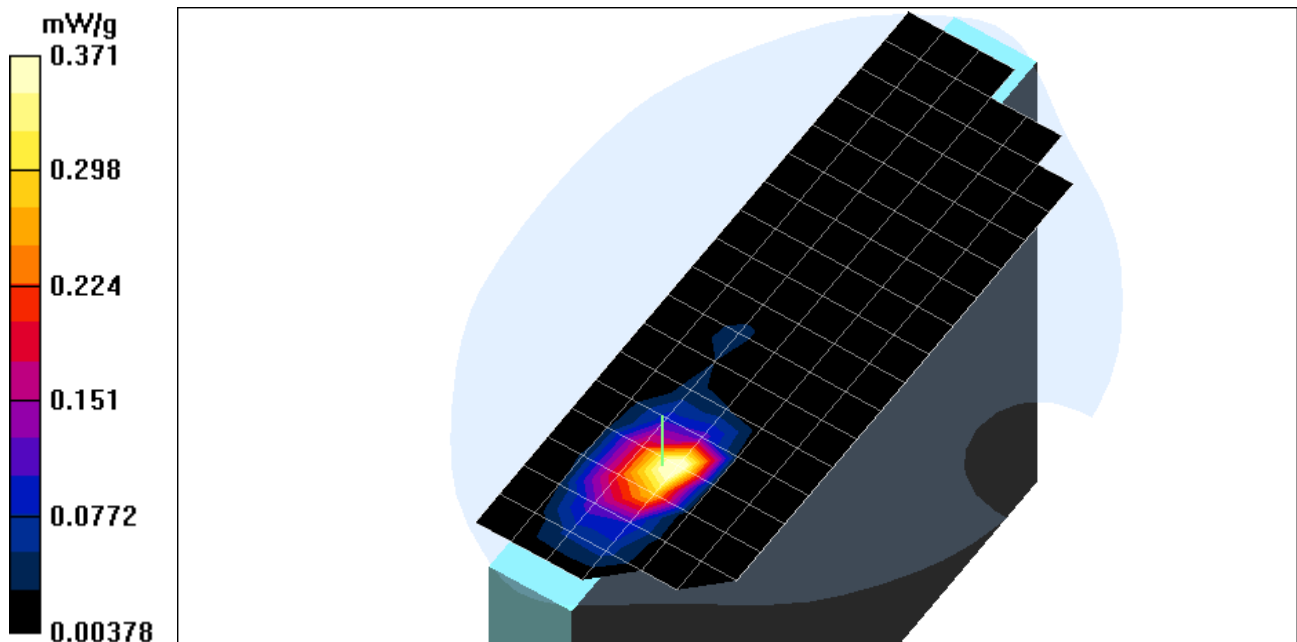
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.167 mW/g

Reference Value = 2.32 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.371 mW/g



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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11b_Antenna 1

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

Medium: Muscle 2450 MHz ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

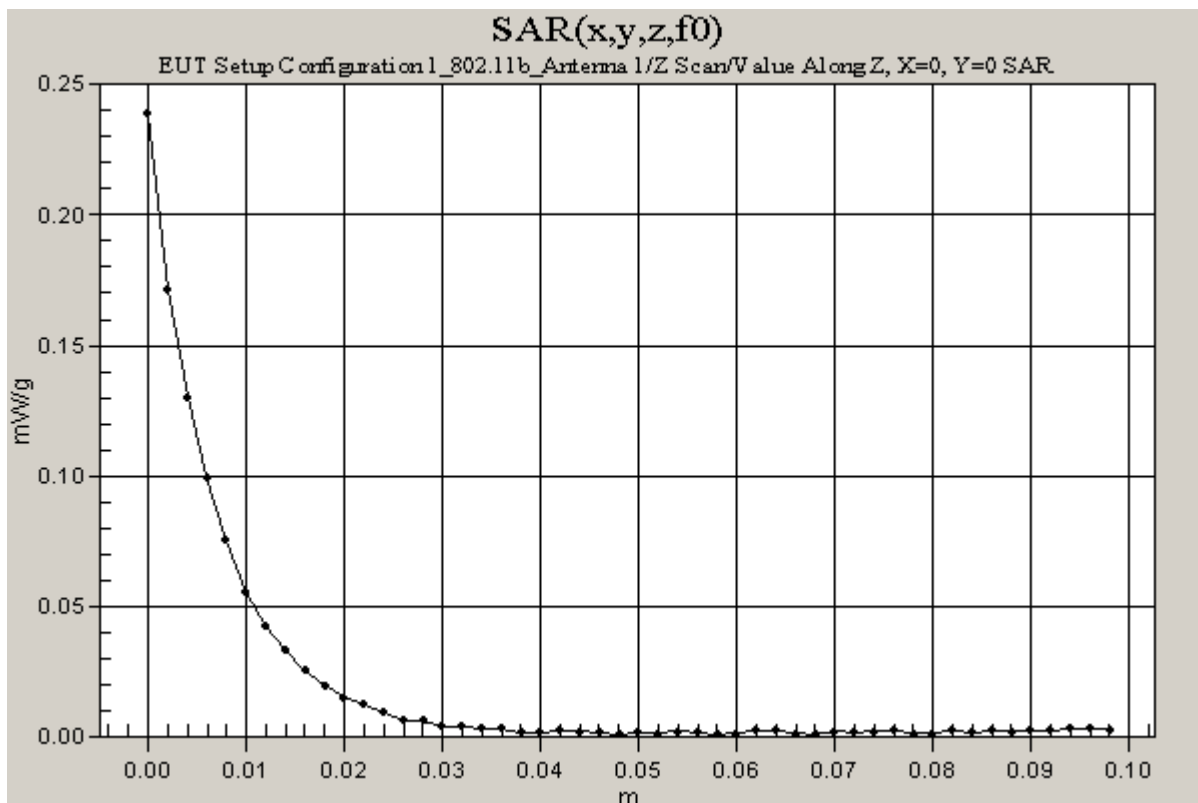
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 2.32 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.239 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_802.11b_Antenna 2

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (7x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.52 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.308 mW/g

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

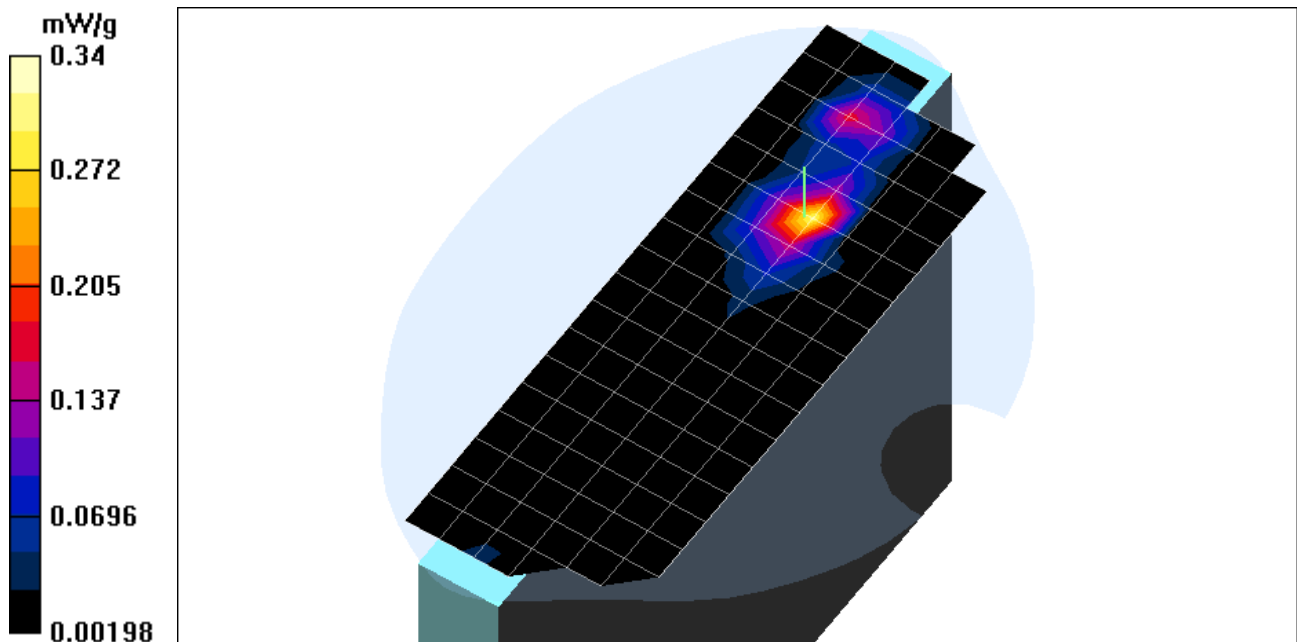
Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.11 mW/g

Reference Value = 3.52 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.34 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_802.11b_Antenna 2

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

Medium: Muscle 2450 MHz ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

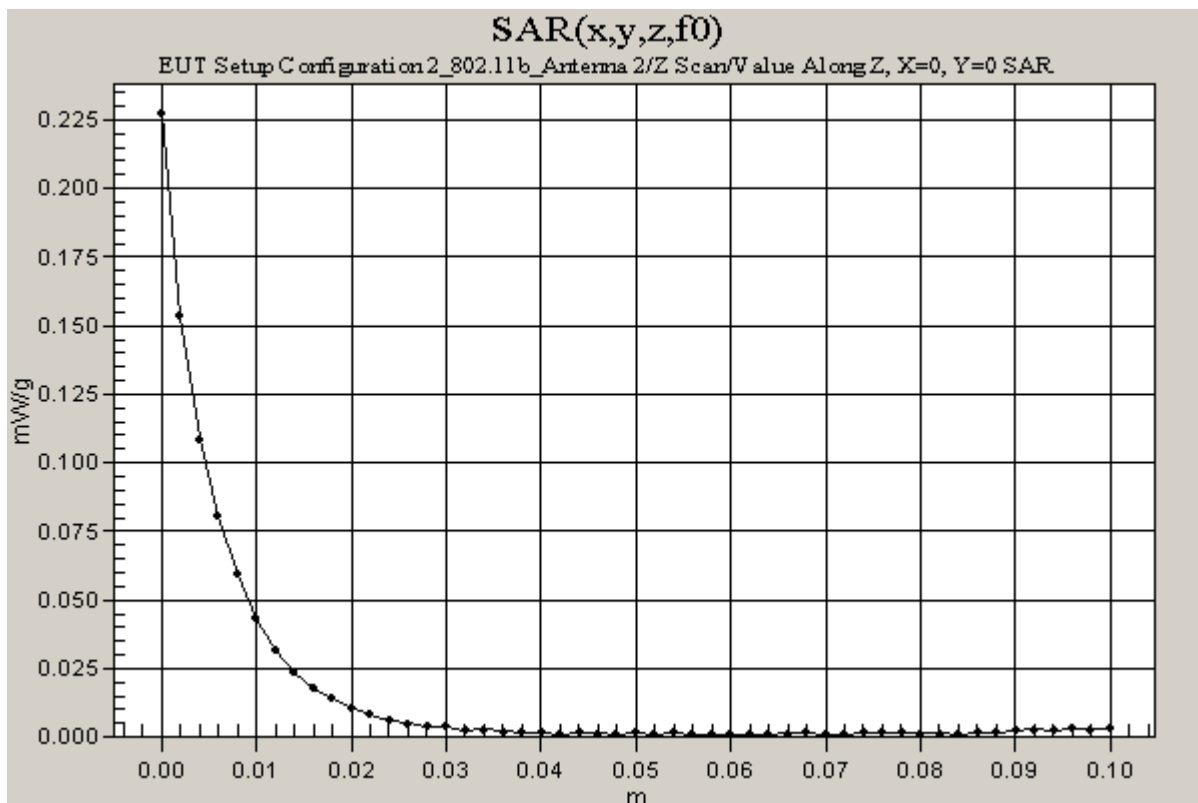
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 3.52 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.227 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_802.11b_Antenna 2

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.19 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.267 mW/g

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

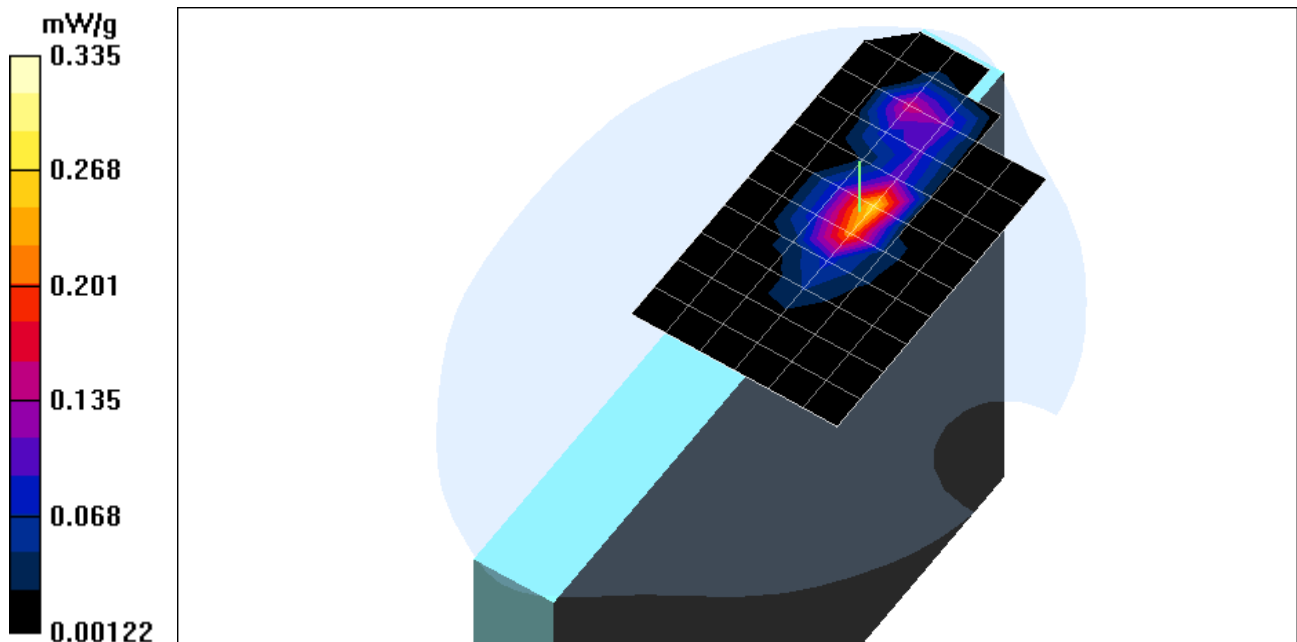
Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.102 mW/g

Reference Value = 3.19 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.335 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_802.11b_Antenna 2

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 ($\sigma = 1.9565 \text{ mho/m}$, $\epsilon_r = 52.2249$, $\rho = 1000 \text{ kg/m}^3$)

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

High/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.103 mW/g

Reference Value = 3.41 V/m

Power Drift = 0.08 dB

Maximum value of SAR = 0.328 mW/g

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

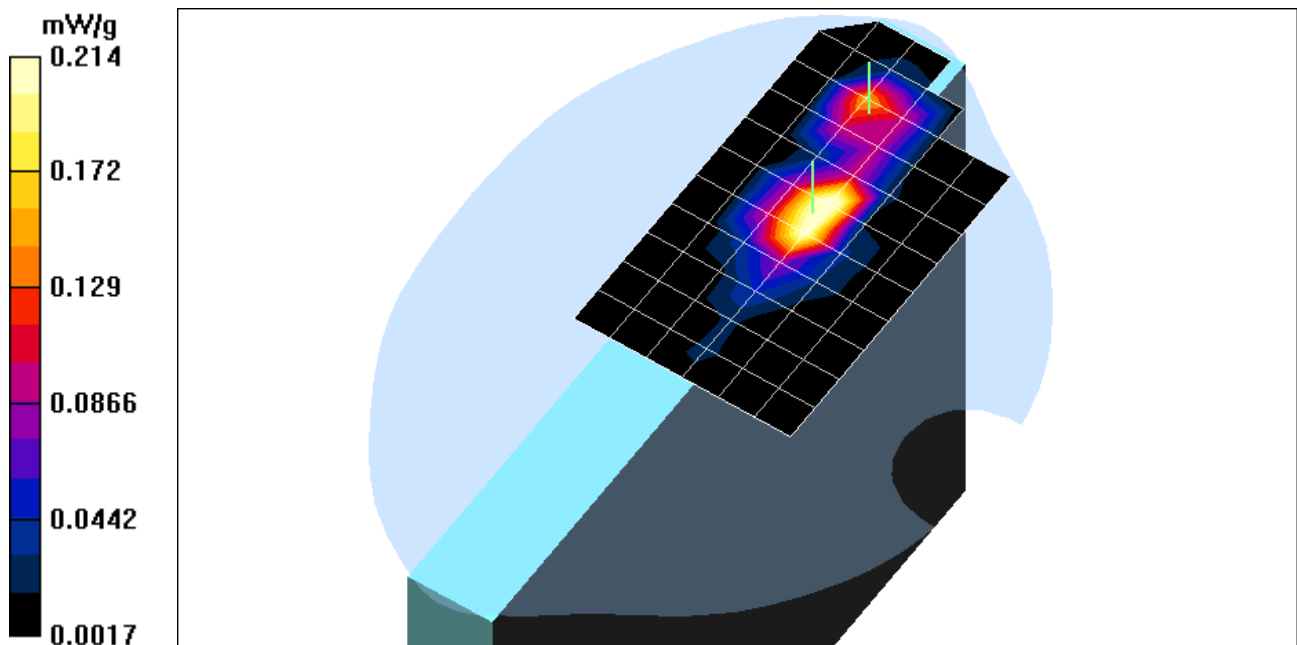
Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.0891 mW/g

Reference Value = 3.41 V/m

Power Drift = 0.08 dB

Maximum value of SAR = 0.214 mW/g



Test Laboratory: Compliance Certification Services

File Name: [EUT Setup Configuration 3_Antenna 1.da4](#)

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 3_802.11b_Antenna 1

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (9x11x1): Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.0292 W/kg

SAR(1 g) = 0.0147 mW/g; SAR(10 g) = 0.0081 mW/g

Reference Value = 1.01 V/m

Power Drift = 0.17 dB

Maximum value of SAR = 0.0156 mW/g

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

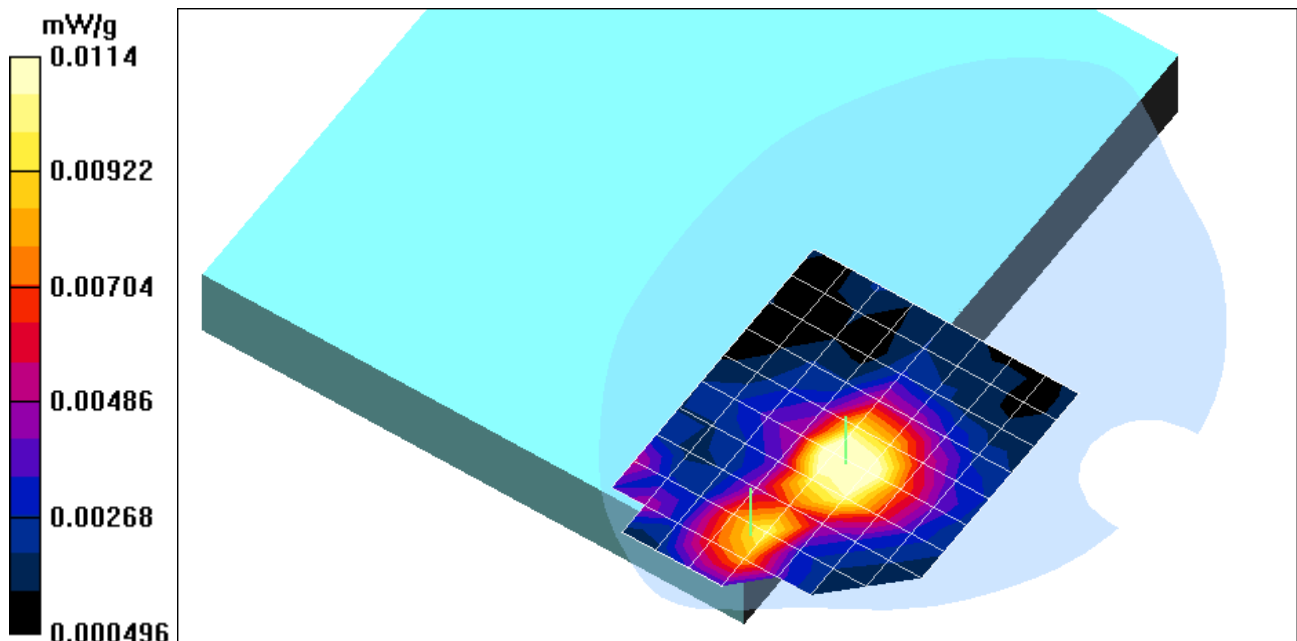
Peak SAR (extrapolated) = 0.0231 W/kg

SAR(1 g) = 0.0108 mW/g; SAR(10 g) = 0.0059 mW/g

Reference Value = 1.01 V/m

Power Drift = 0.17 dB

Maximum value of SAR = 0.0114 mW/g



Test Laboratory: Compliance Certification Services

File Name: [EUT Setup Configuration 3_Antenna 1.da4](#)

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 3_802.11b_Antenna 1

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

Medium: Muscle 2450 MHz ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

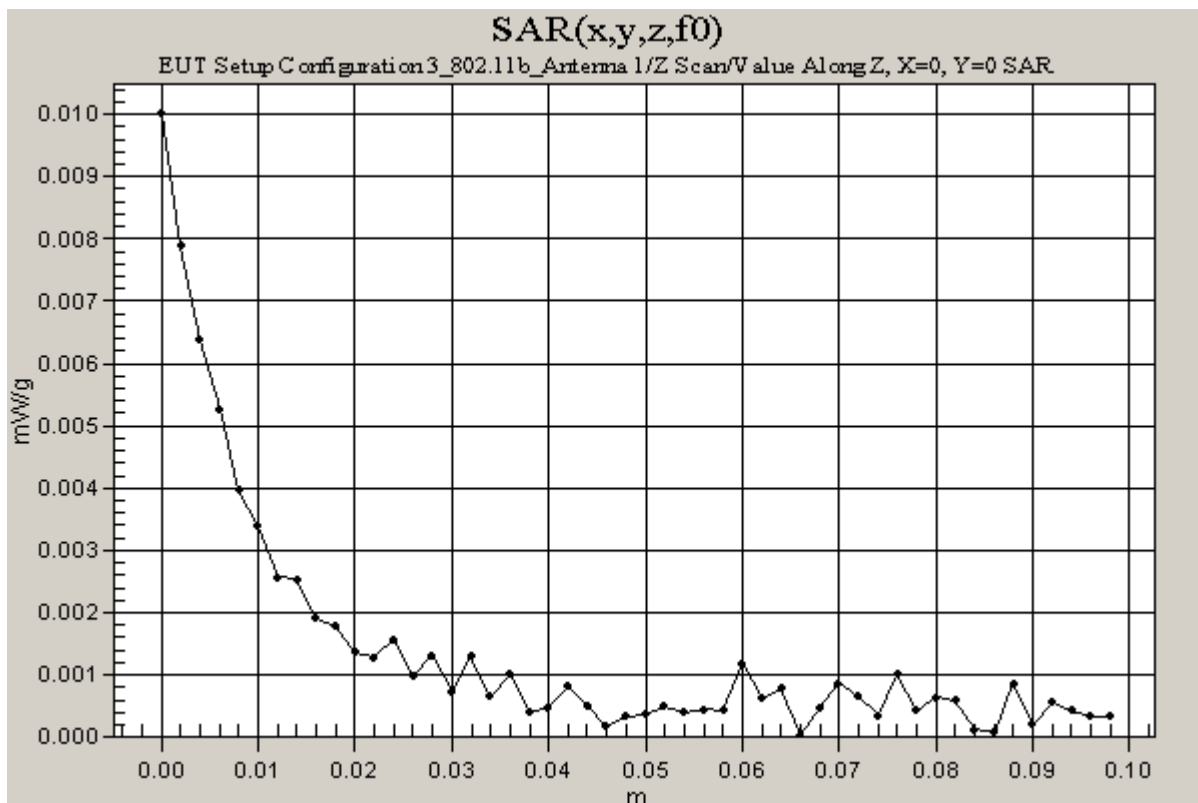
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.01 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.01 mW/g



Test Laboratory: Compliance Certification Services

File Name: [EUT Setup Configuration 4_Antenna 2.da4](#)

DUT: Toshiba; Type: PA3234U-1MPC; Serial: N/A

Program: EUT Setup Configuration 4_802.11b_Antenna 2

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 ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (9x13x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.14 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.00759 mW/g

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

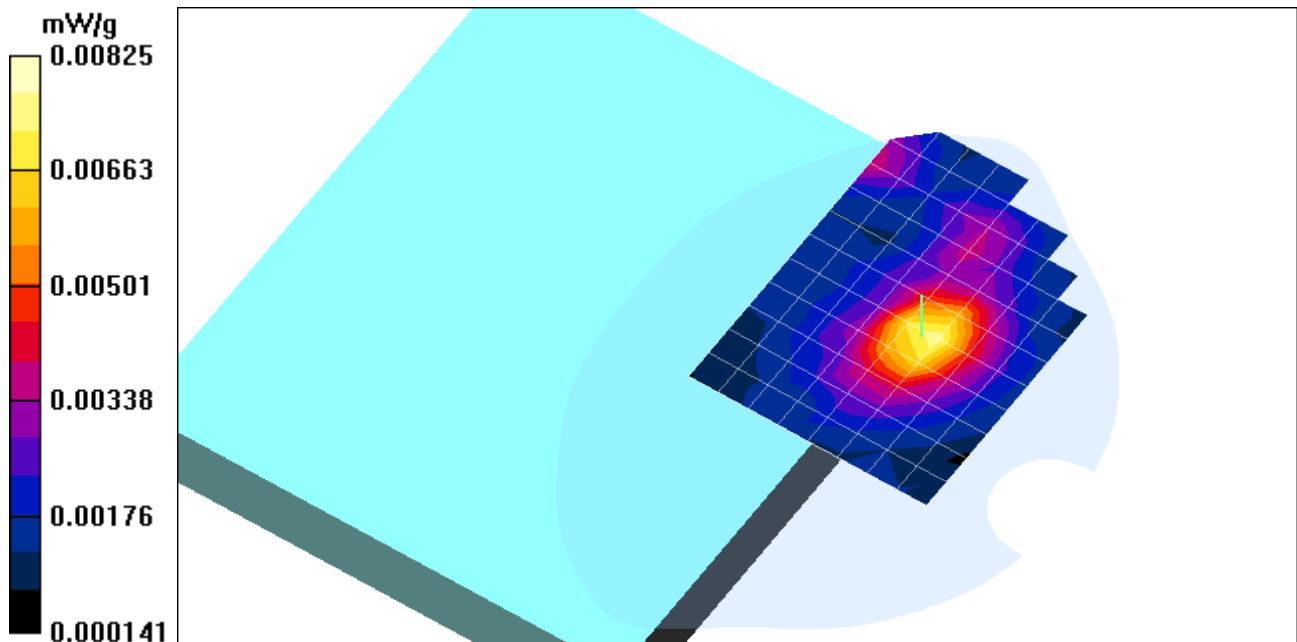
Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00796 mW/g; SAR(10 g) = 0.00491 mW/g

Reference Value = 1.14 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.00825 mW/g



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Program: EUT Setup Configuration 4_802.11b_Antenna 2

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

Medium: Muscle 2450 MHz ($\sigma = 1.9565$ mho/m, $\epsilon_r = 52.2249$, $\rho = 1000$ 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 (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.14 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.00624 mW/g

