

Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 1.03 V/m

Power Drift = -0.16 dB

Maximum value of SAR = 0.376 mW/g

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

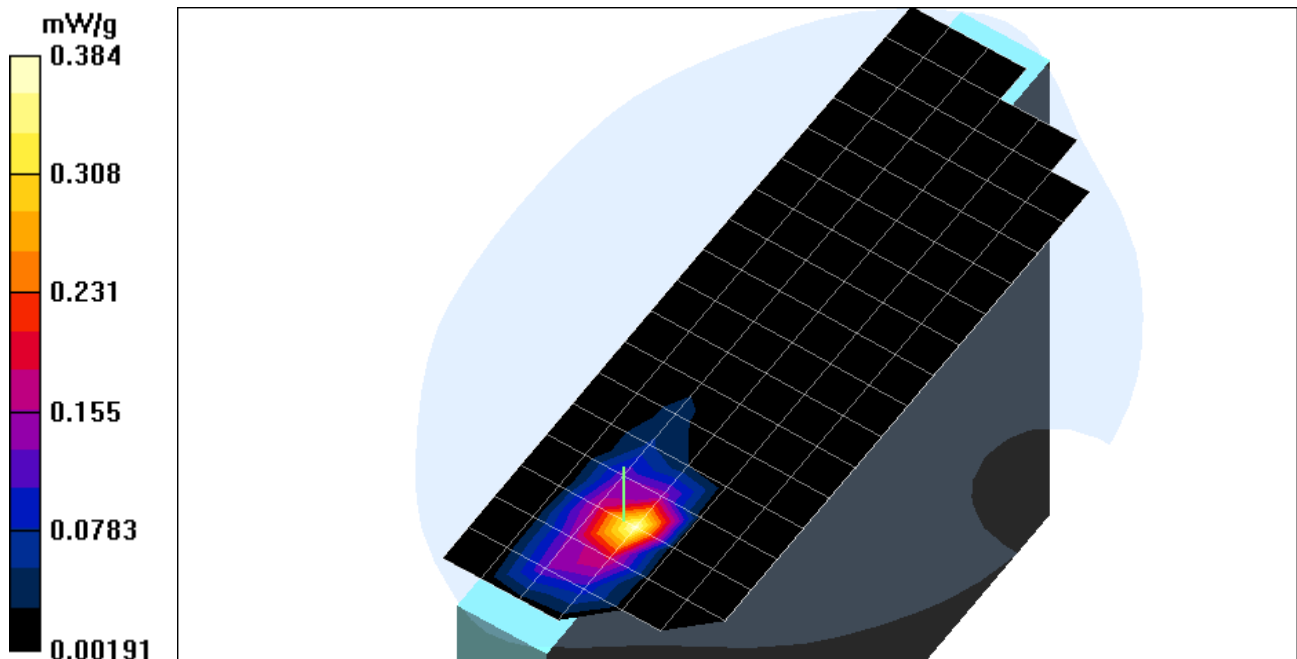
Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.153 mW/g

Reference Value = 1.03 V/m

Power Drift = -0.16 dB

Maximum value of SAR = 0.384 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup Configuration 1_802.11b_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

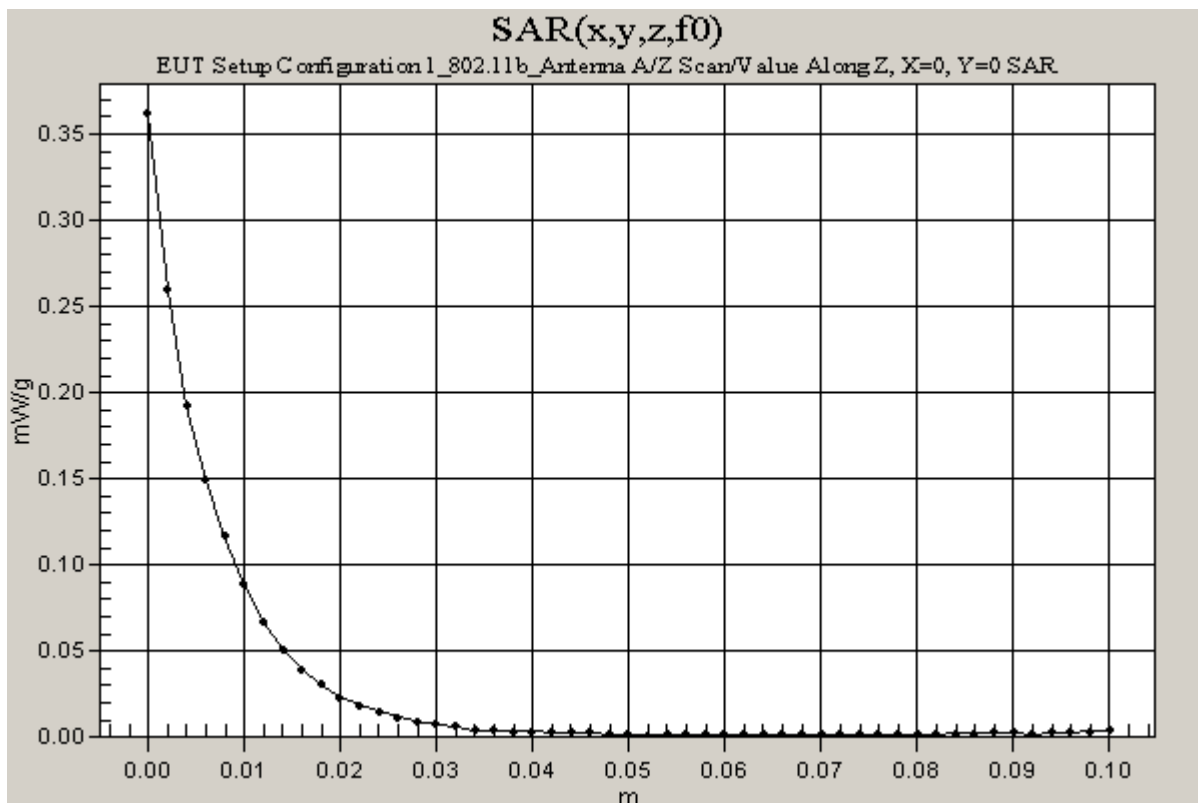
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.03 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.362 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 0.894 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.243 mW/g

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

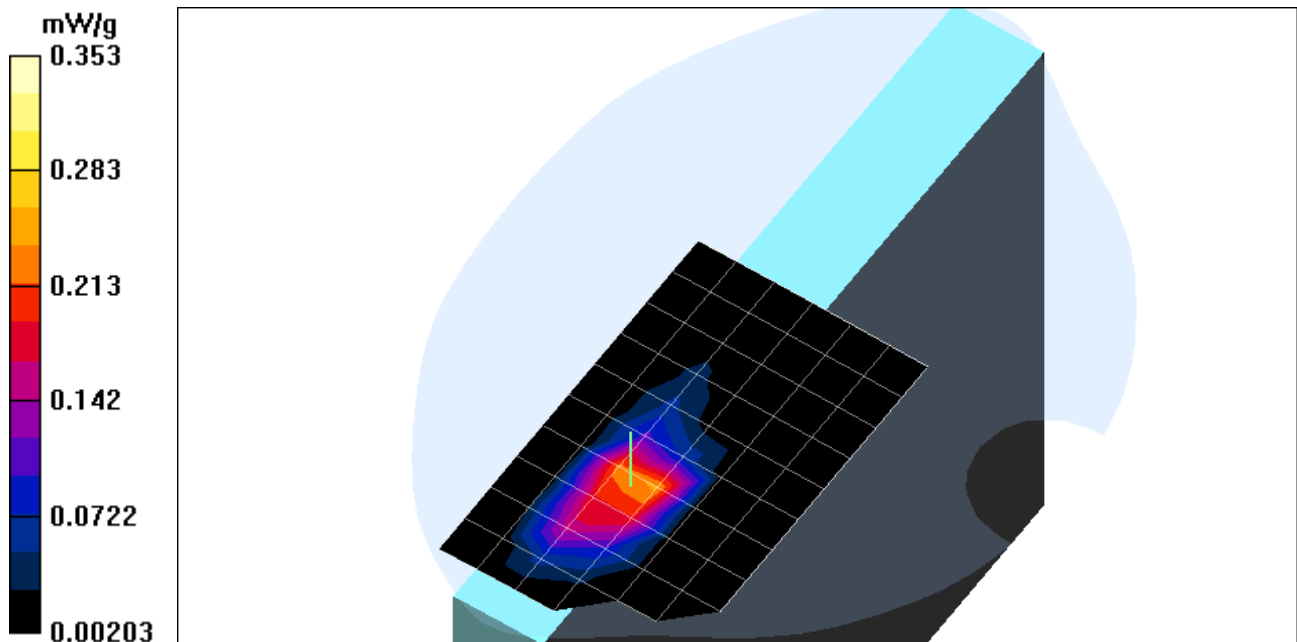
Peak SAR (extrapolated) = 0.913 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.144 mW/g

Reference Value = 0.894 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.353 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.04 V/m

Power Drift = -0.15 dB

Maximum value of SAR = 0.229 mW/g

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

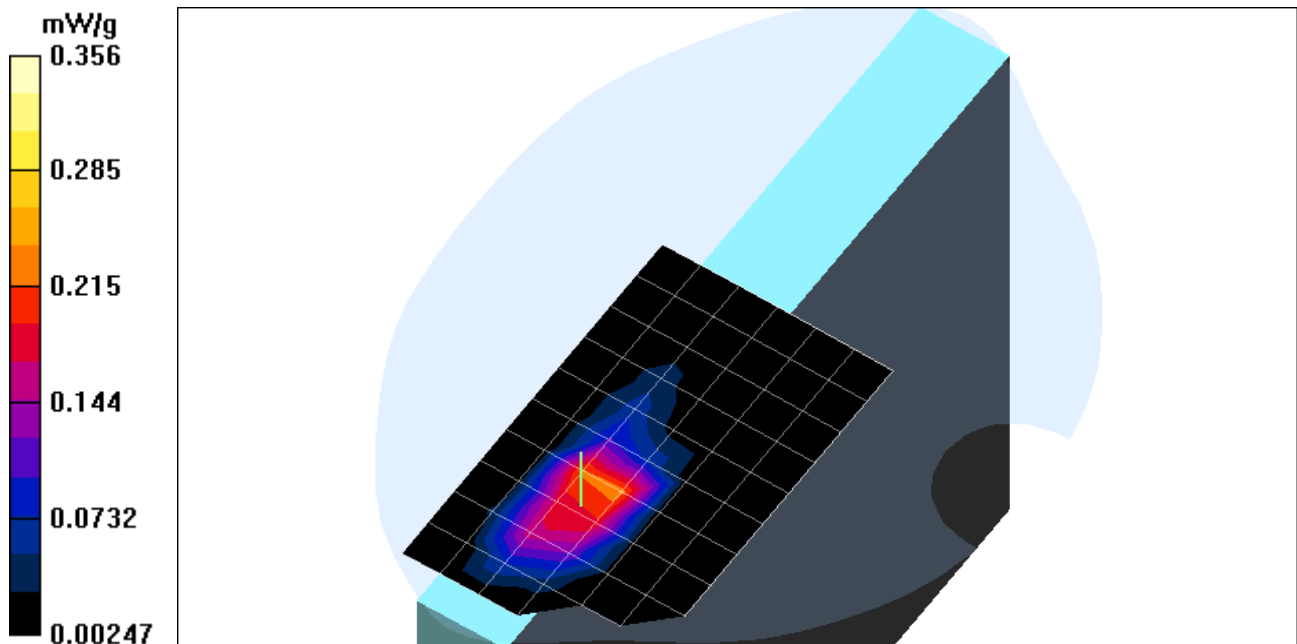
Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.35 mW/g; SAR(10 g) = 0.146 mW/g

Reference Value = 1.04 V/m

Power Drift = -0.15 dB

Maximum value of SAR = 0.356 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.25 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.245 mW/g

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

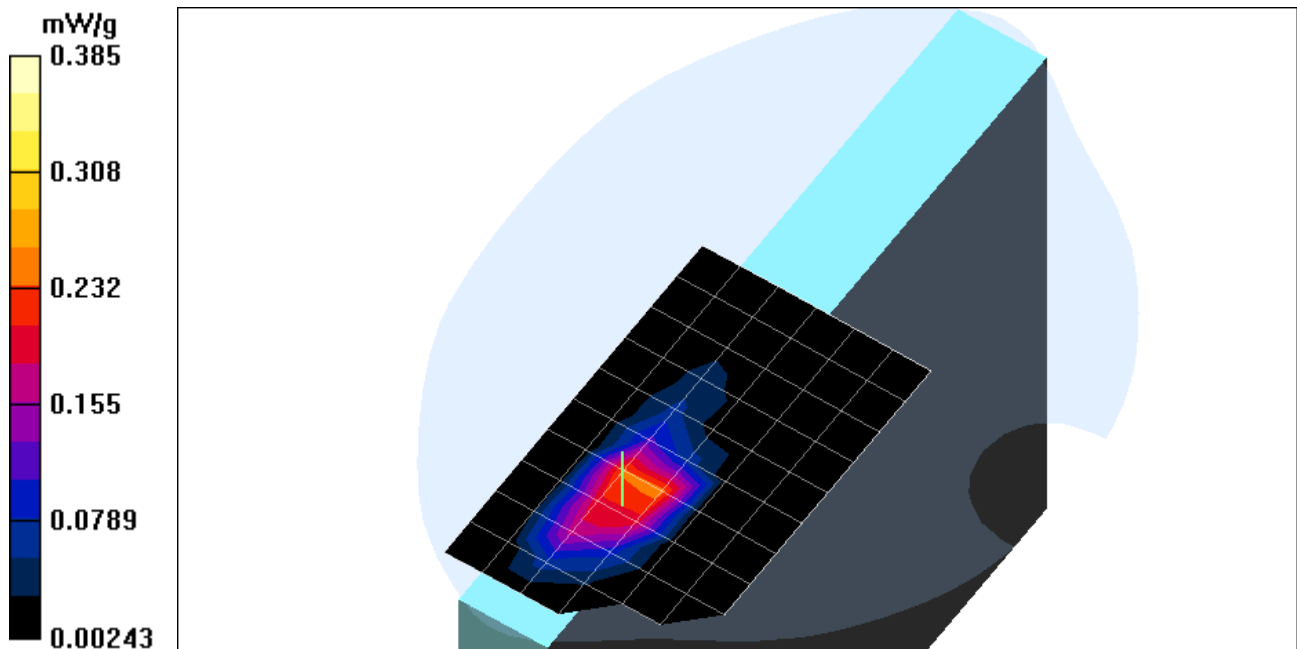
Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.38 mW/g; SAR(10 g) = 0.158 mW/g

Reference Value = 1.25 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.385 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup Configuration 1_802.11b_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

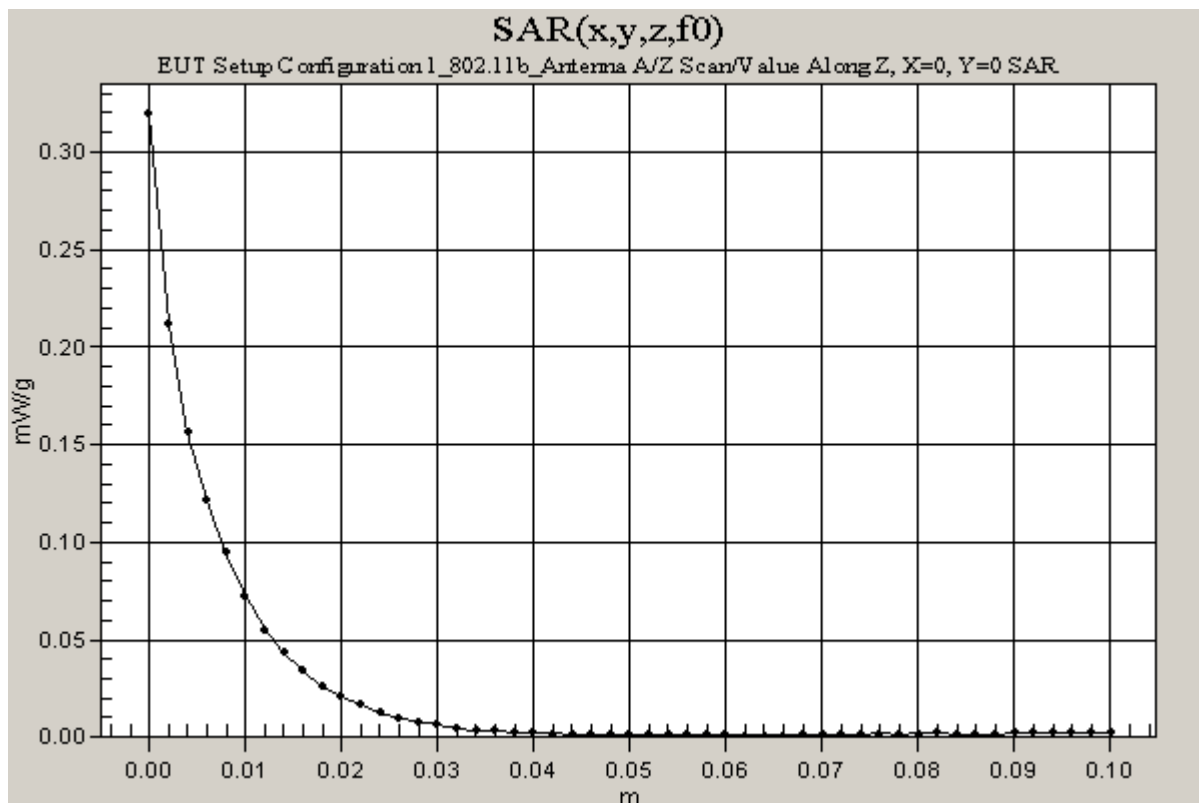
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.25 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.32 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 0.66 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.217 mW/g

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

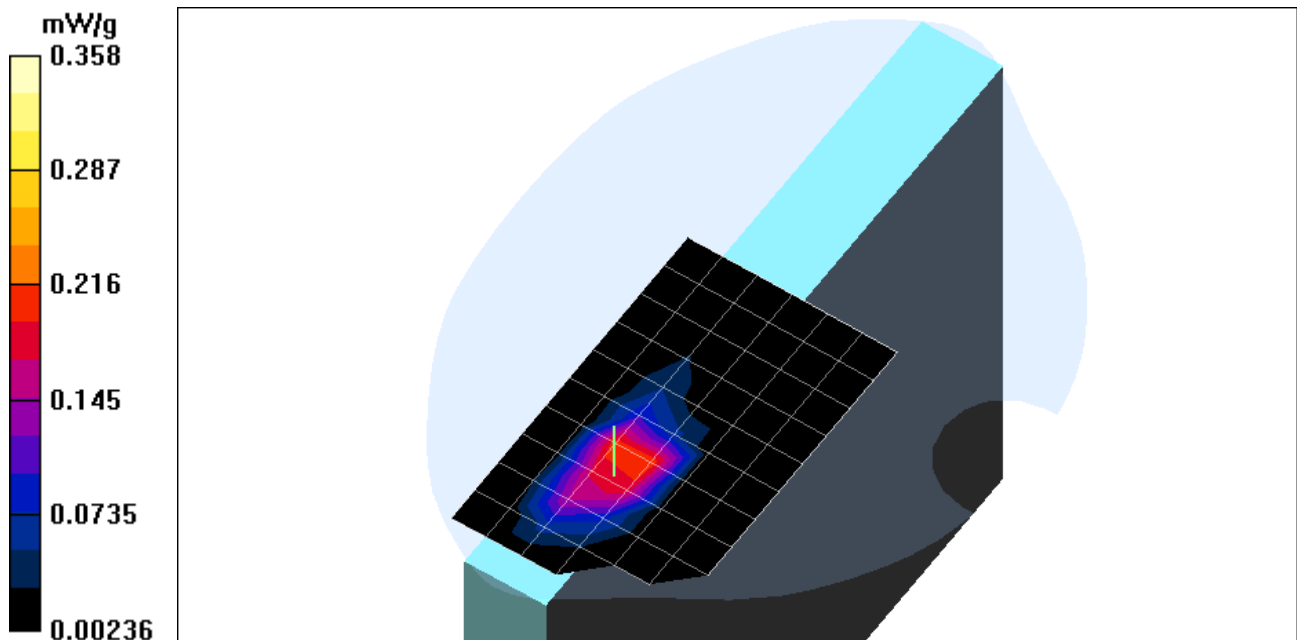
Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.148 mW/g

Reference Value = 0.66 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.358 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-***); Serial: N/A**

Program: EUT Setup Configuration 1_802.11g_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

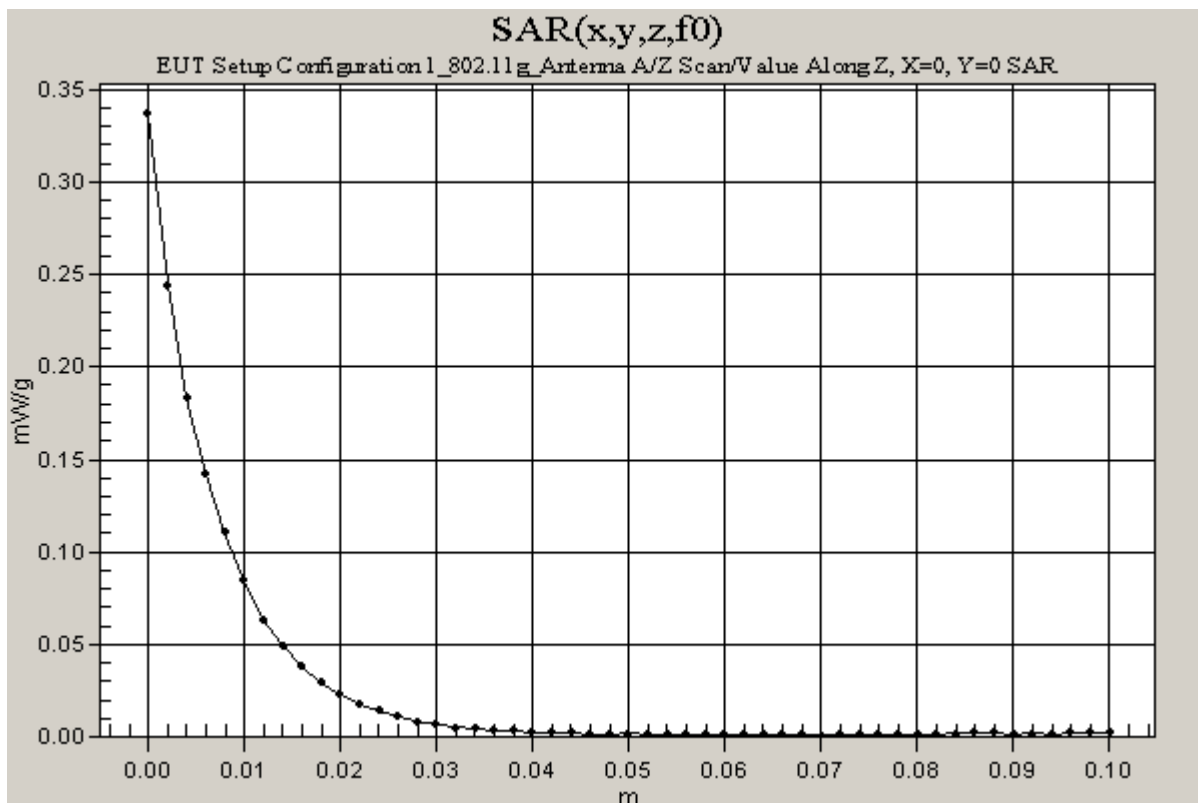
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 0.66 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.337 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 0.883 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.2 mW/g

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

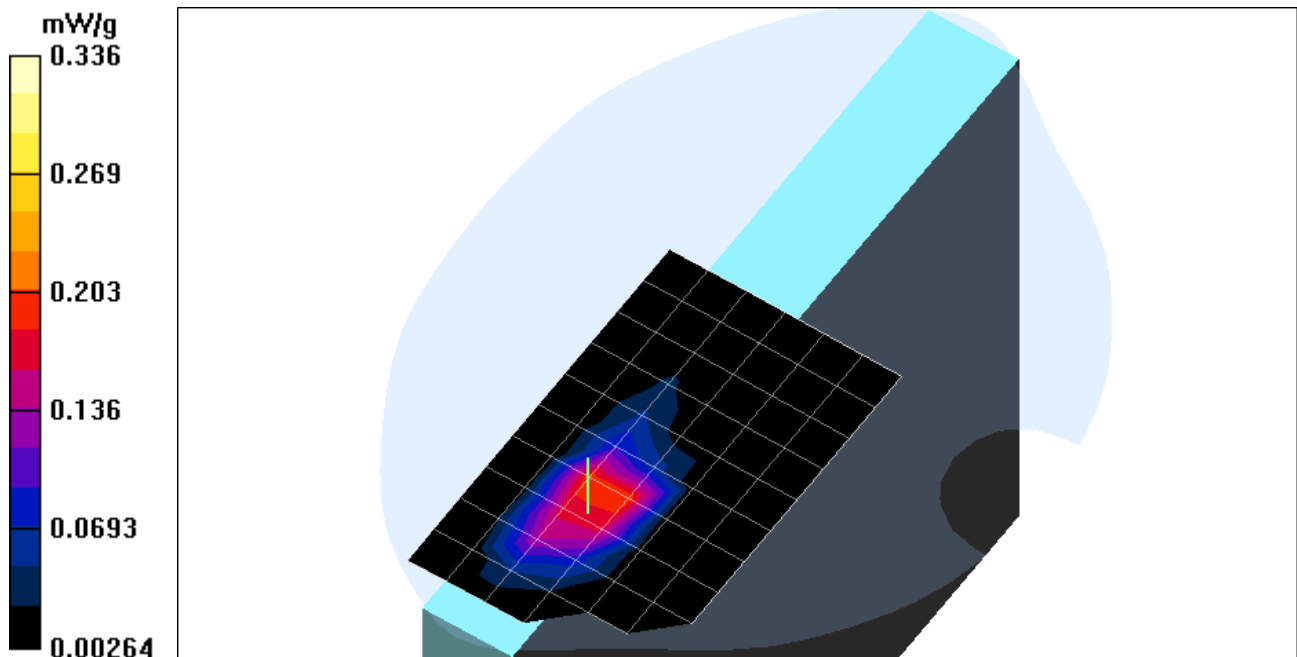
Peak SAR (extrapolated) = 0.874 W/kg

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.138 mW/g

Reference Value = 0.883 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.336 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 0.853 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.209 mW/g

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

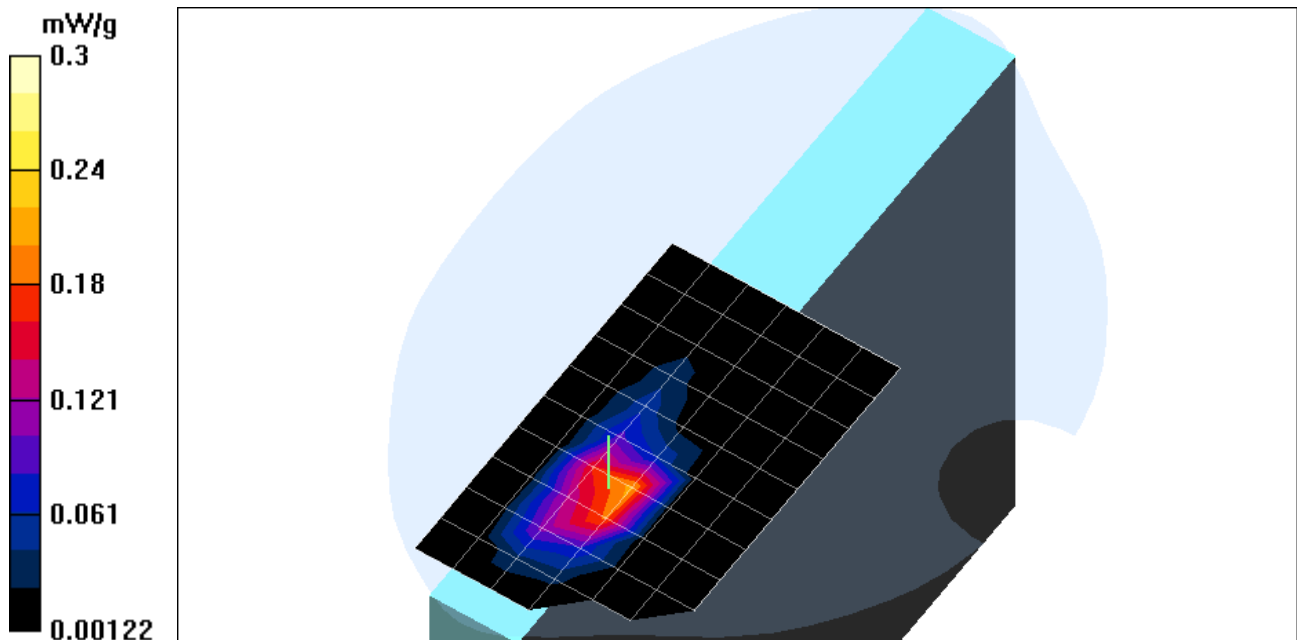
Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.116 mW/g

Reference Value = 0.853 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.3 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-***); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 1.11 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.216 mW/g

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

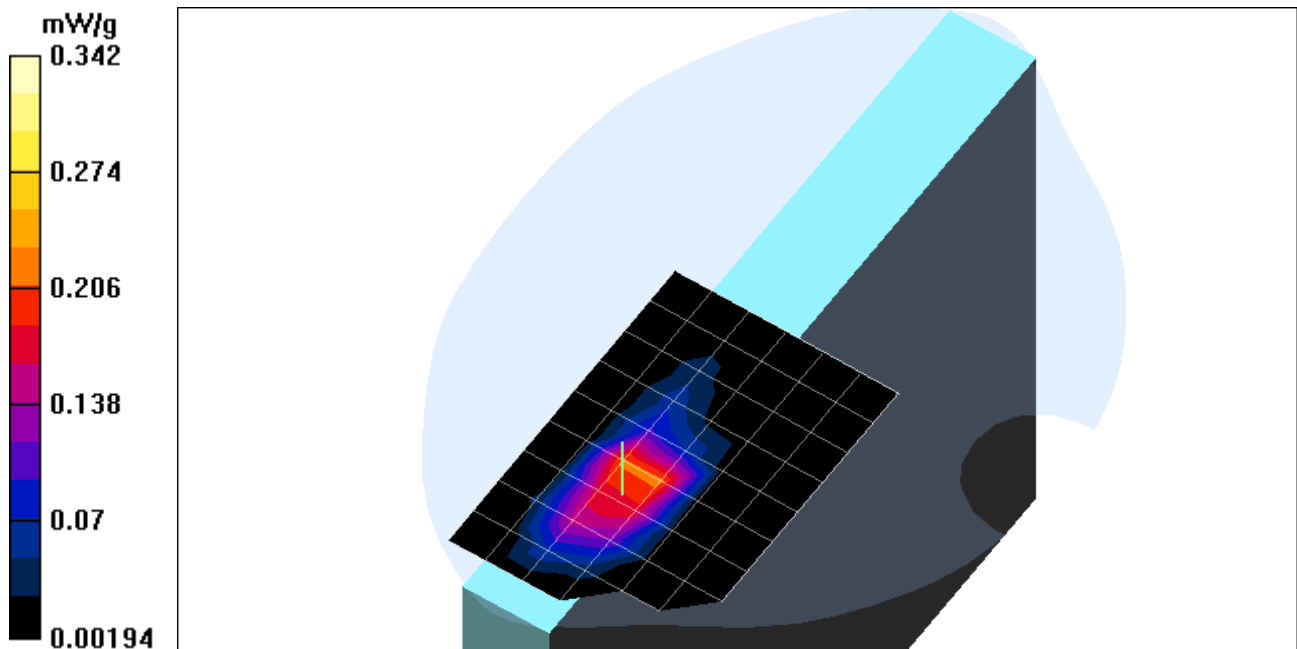
Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.143 mW/g

Reference Value = 1.11 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.342 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-***); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.74 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.229 mW/g

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

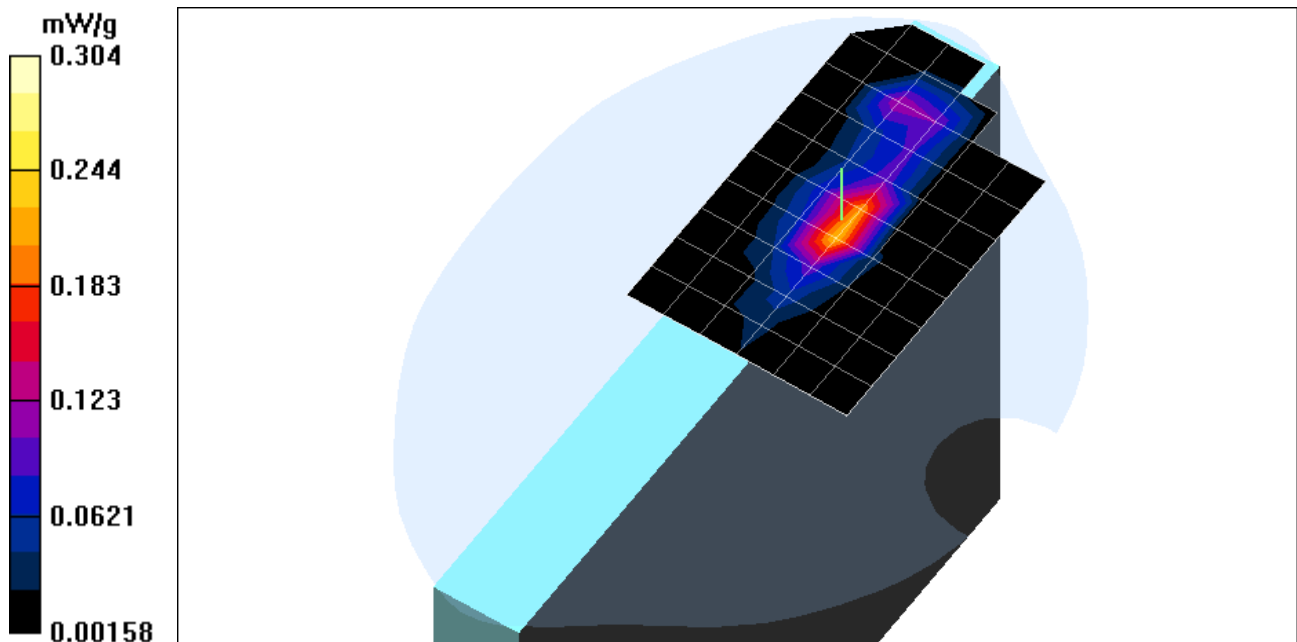
Peak SAR (extrapolated) = 0.78 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.0926 mW/g

Reference Value = 3.74 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.304 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup Configuration 2_802.11b_Antenna B

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

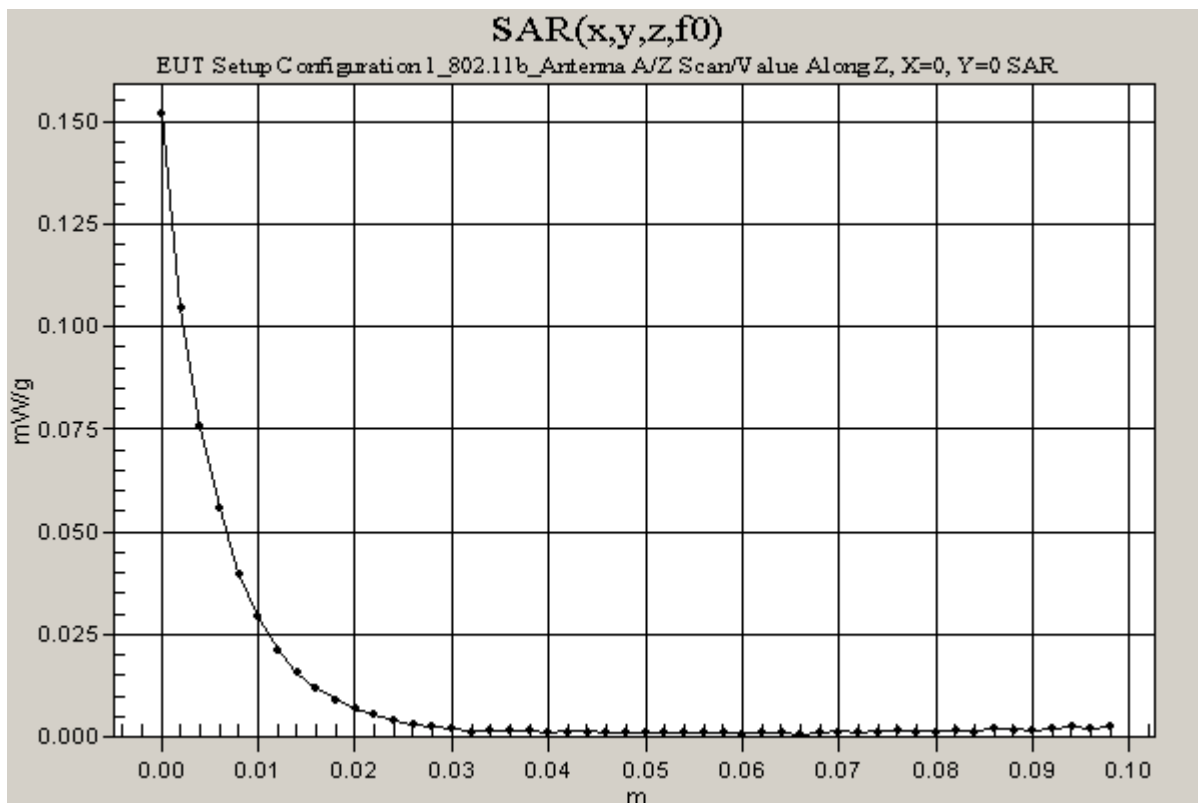
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 3.74 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.152 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [EUT Setup Configuration 2_Antenna B.da4](#)

DUT: Toshiba; Type: Portege M200 (PPM20*-***); Serial: N/A**
Program: EUT Setup Configuration 2_802.11g_Antenna B
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

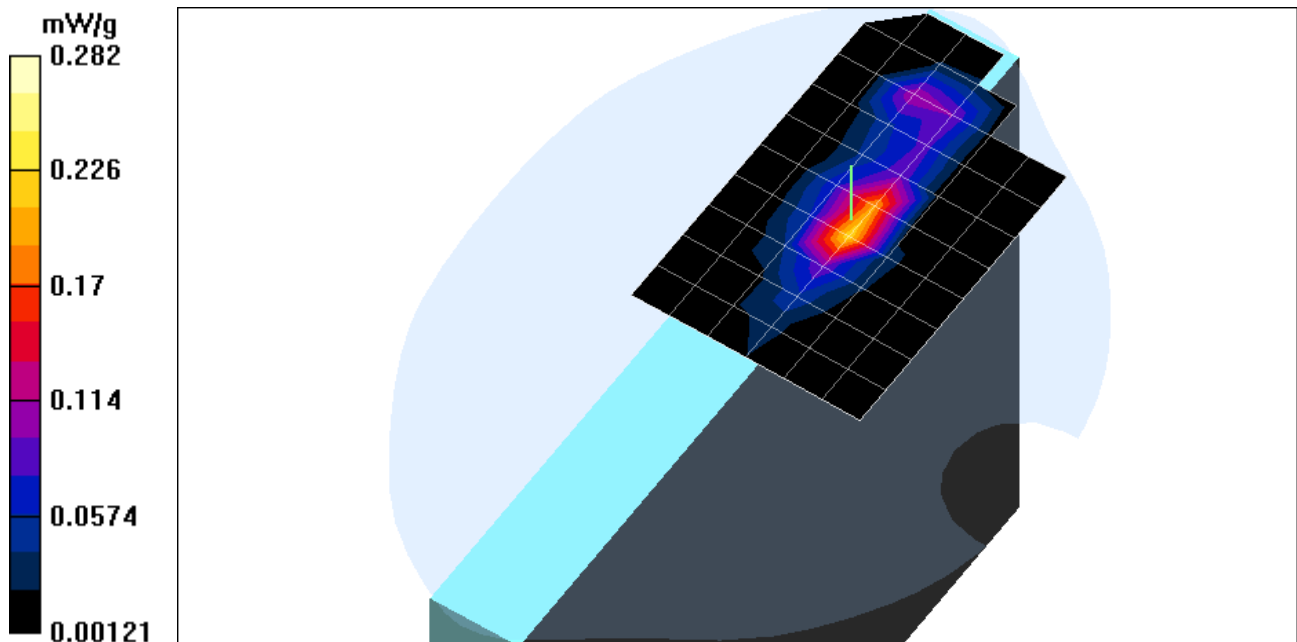
Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

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 (7x11x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 3.66 V/m
 Power Drift = 0.13 dB
 Maximum value of SAR = 0.225 mW/g

Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.718 W/kg
 SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.0858 mW/g
 Reference Value = 3.66 V/m
 Power Drift = 0.13 dB
 Maximum value of SAR = 0.282 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [EUT Setup Configuration 2_Antenna B.da4](#)

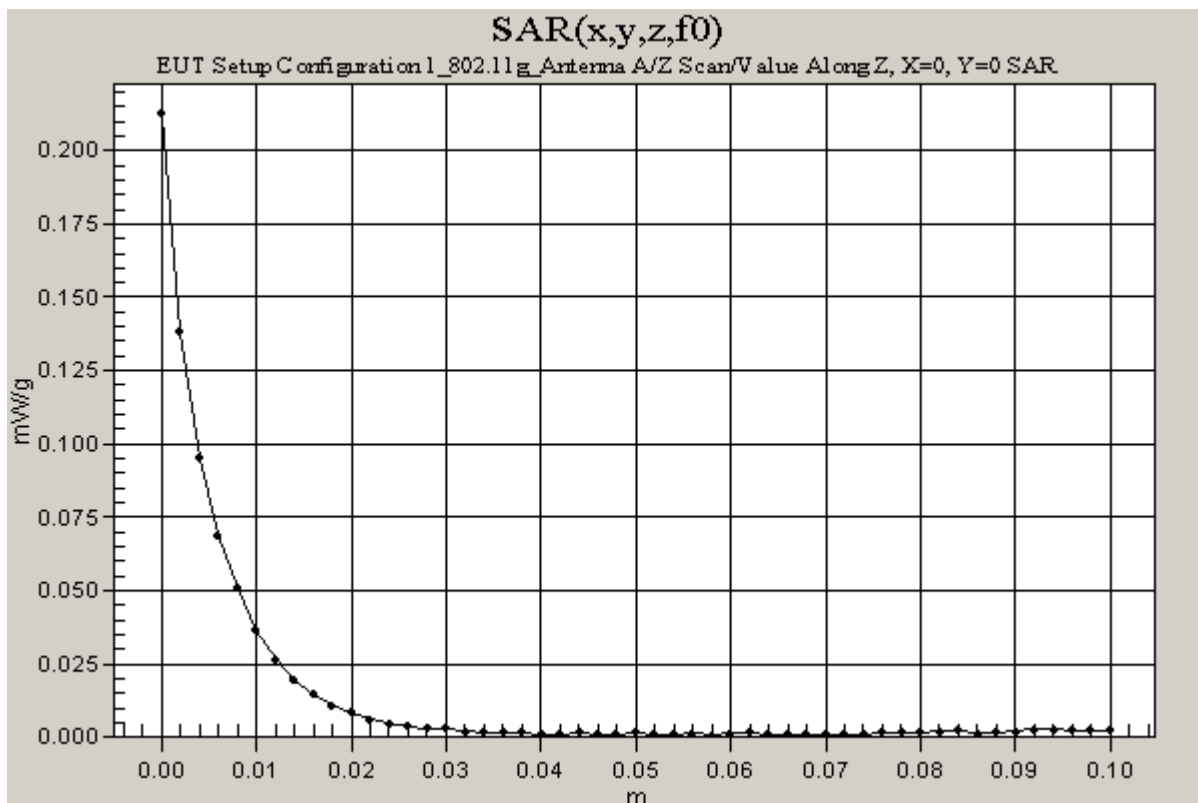
DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**
Program: EUT Setup Configuration 2_802.11g_Antenna B

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 3.66 V/m
 Power Drift = 0.13 dB
 Maximum value of SAR = 0.213 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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

Reference Value = 1.08 V/m

Power Drift = -0.11 dB

Maximum value of SAR = 0.00964 mW/g

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

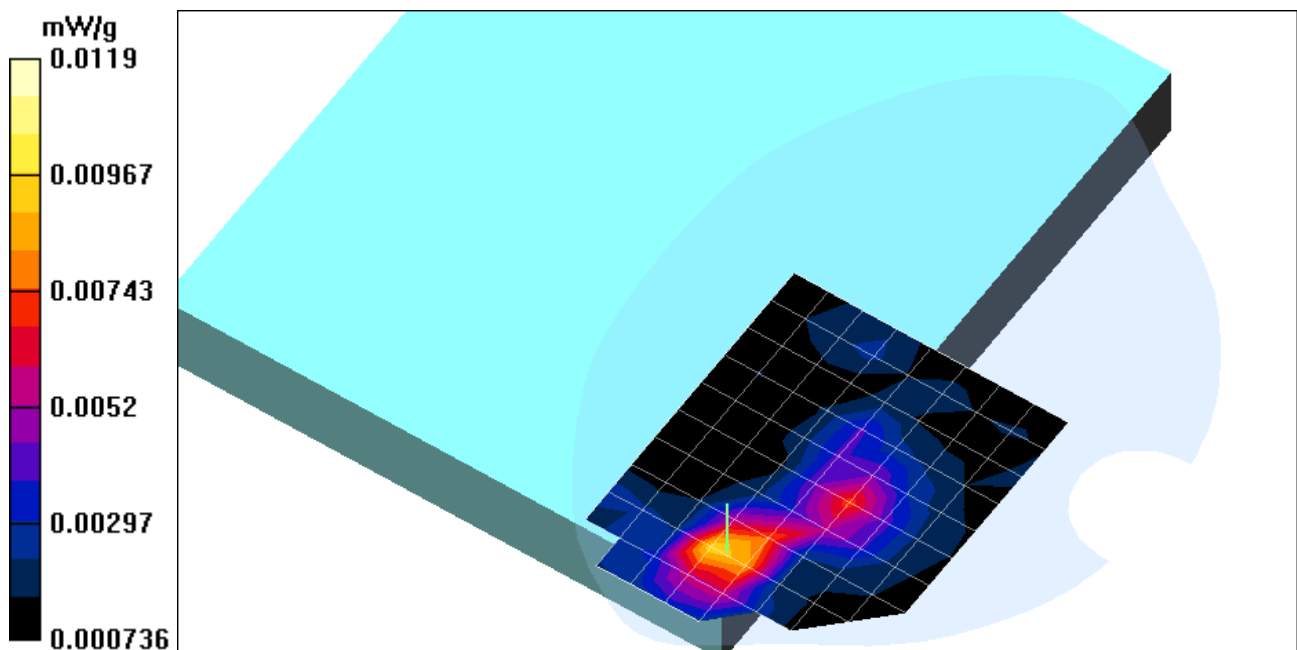
Peak SAR (extrapolated) = 0.0286 W/kg

SAR(1 g) = 0.0119 mW/g; SAR(10 g) = 0.00596 mW/g

Reference Value = 1.08 V/m

Power Drift = -0.11 dB

Maximum value of SAR = 0.0119 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup Configuration 3_802.11b_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

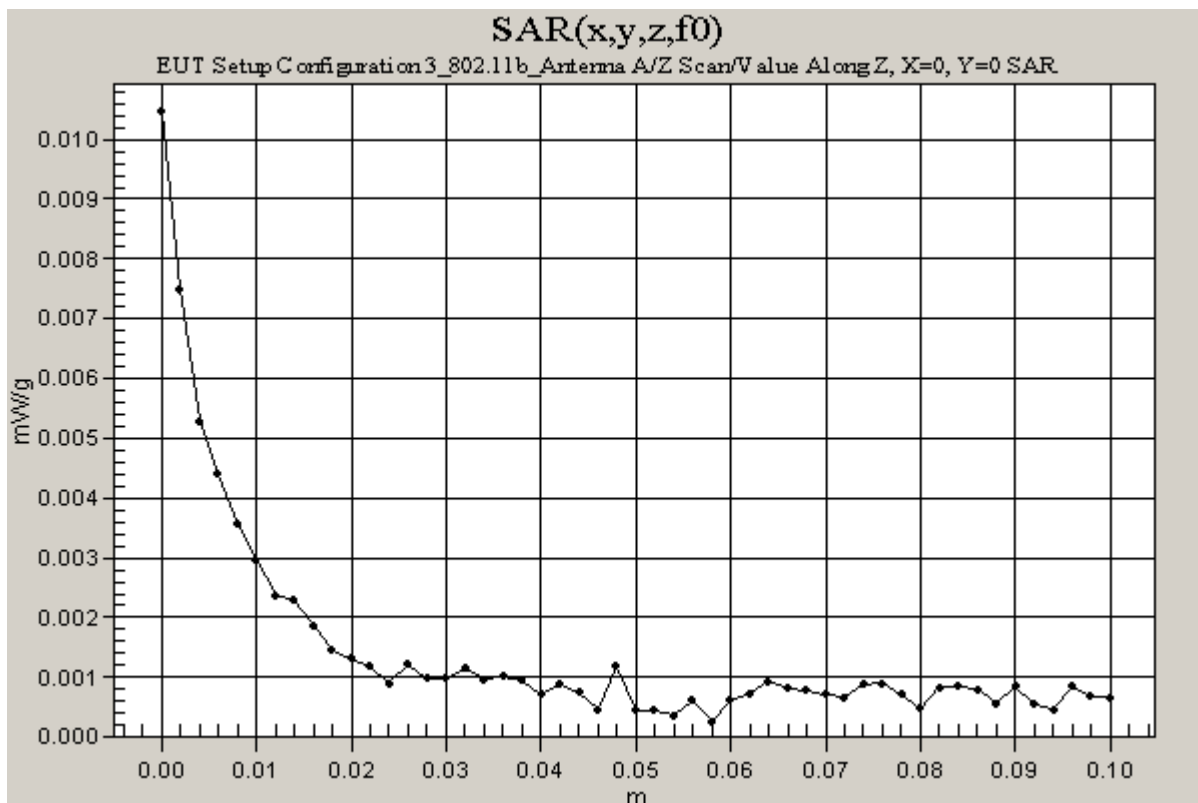
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.08 V/m

Power Drift = -0.14 dB

Maximum value of SAR = 0.0104 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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

Reference Value = 1.02 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.00925 mW/g

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

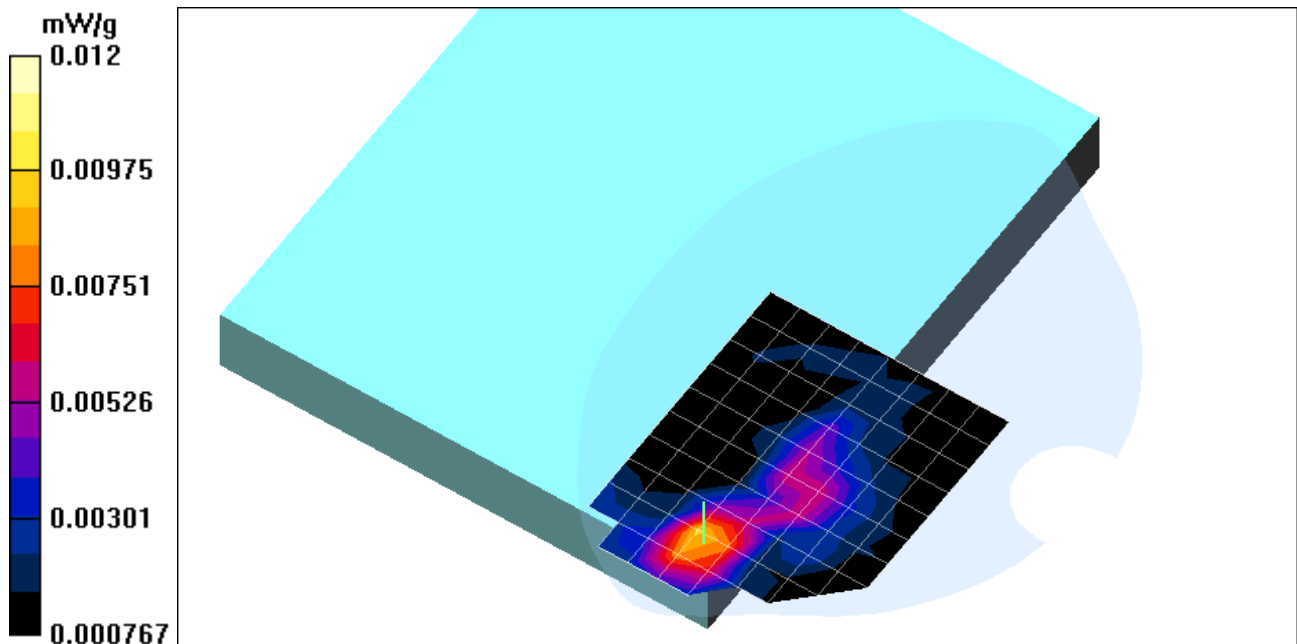
Peak SAR (extrapolated) = 0.0344 W/kg

SAR(1 g) = 0.0122 mW/g; SAR(10 g) = 0.00609 mW/g

Reference Value = 1.02 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.012 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-***); Serial: N/A**

Program: EUT Setup Configuration 3_802.11g_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

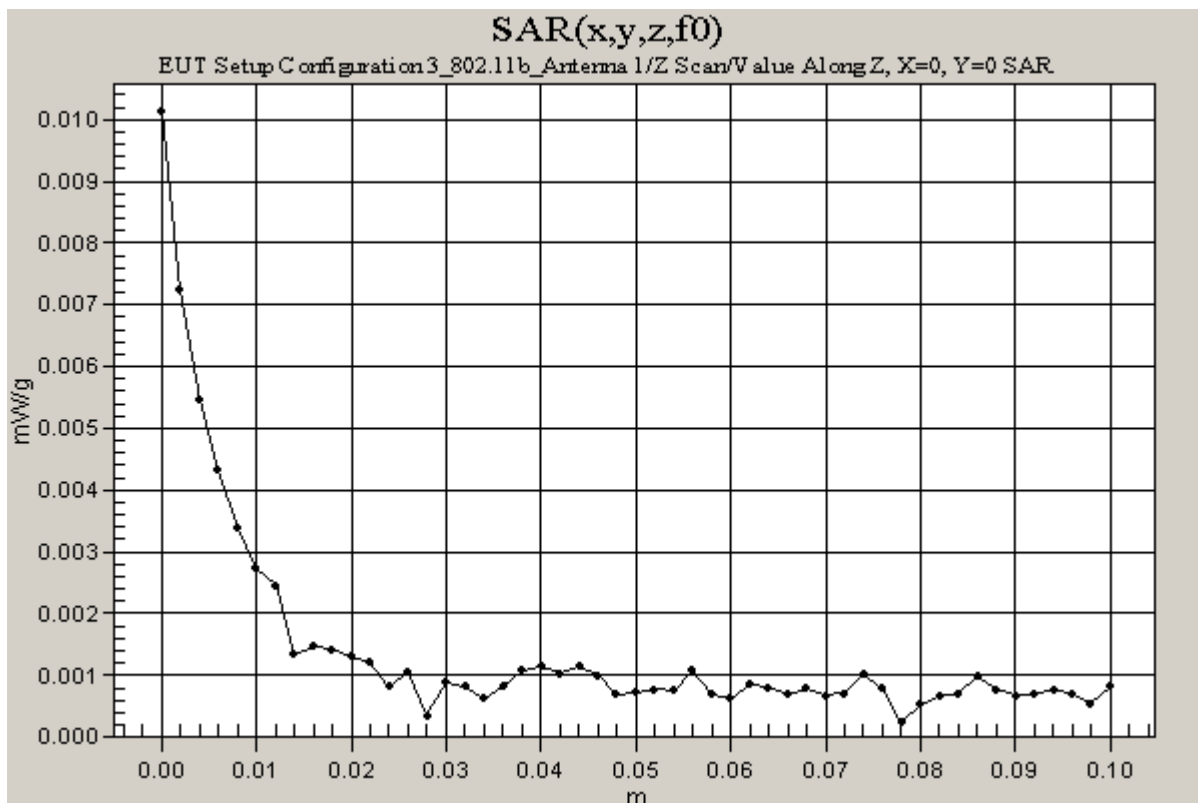
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.02 V/m

Power Drift = -0.11 dB

Maximum value of SAR = 0.0101 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup Configuration 4_802.11b_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.1 deg C

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 (9x12x1): 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) = 0.014 W/kg

SAR(1 g) = 0.00648 mW/g; SAR(10 g) = 0.00379 mW/g

Reference Value = 1.29 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.00669 mW/g

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

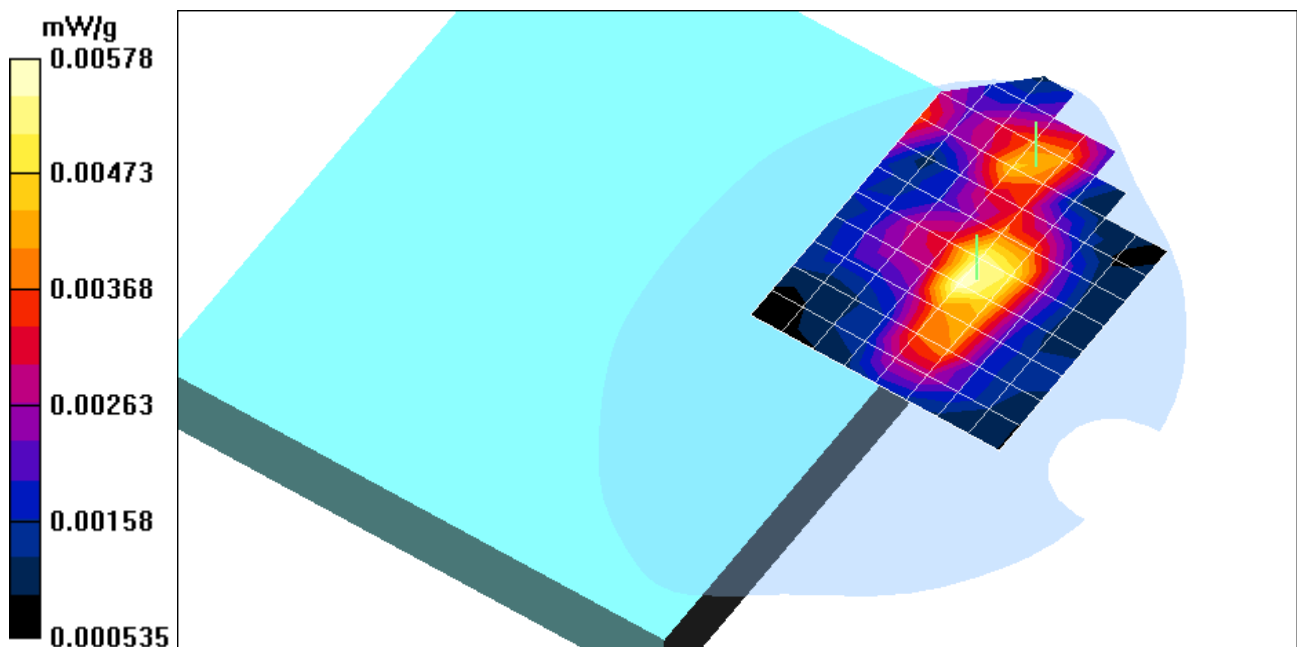
Peak SAR (extrapolated) = 0.00951 W/kg

SAR(1 g) = 0.00517 mW/g; SAR(10 g) = 0.0031 mW/g

Reference Value = 1.29 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.00578 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [EUT Setup Configuration 4_Antenna B.da4](#)

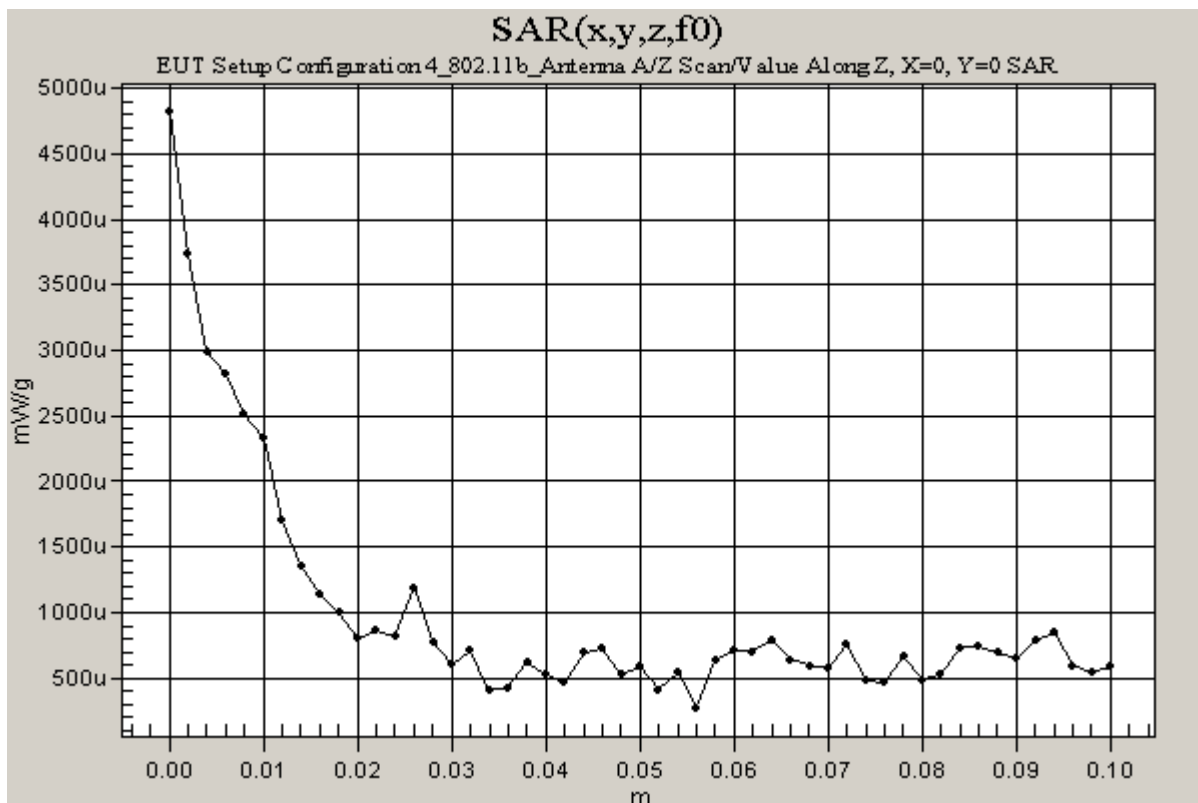
DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**
Program: EUT Setup Configuration 4_802.11b_Antenna B

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 1.29 V/m
 Power Drift = -0.06 dB
 Maximum value of SAR = 0.00482 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup 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 ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 (9x12x1): 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) = 0.025 W/kg

SAR(1 g) = 0.0072 mW/g; SAR(10 g) = 0.00398 mW/g

Reference Value = 1.29 V/m

Power Drift = -1 dB

Maximum value of SAR = 0.00659 mW/g

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

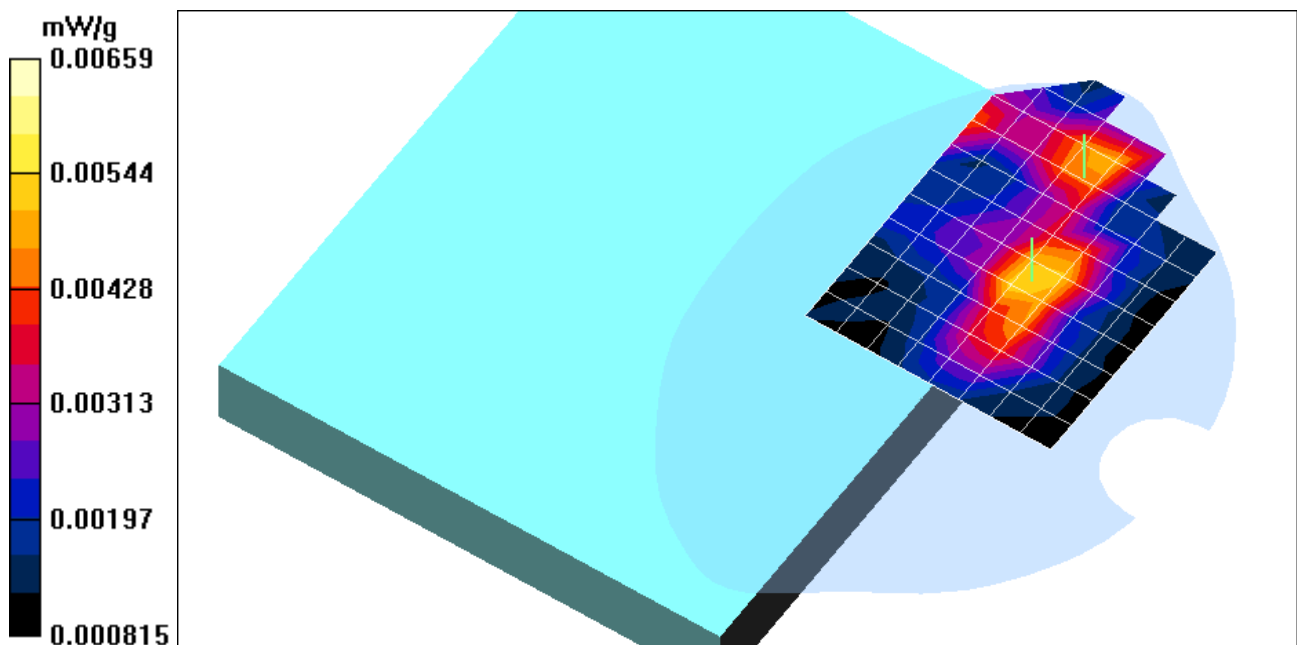
Peak SAR (extrapolated) = 0.0114 W/kg

SAR(1 g) = 0.00567 mW/g; SAR(10 g) = 0.00343 mW/g

Reference Value = 1.29 V/m

Power Drift = -1 dB

Maximum value of SAR = 0.00585 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: Portege M200 (PPM20*-**); Serial: N/A**

Program: EUT Setup Configuration 4_802.11g_Antenna B

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

Medium: Muscle 2450 MHz ($\sigma = 1.9747$ mho/m, $\epsilon_r = 52.6334$, $\rho = 1000$ 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 = 1.29 V/m

Power Drift = -0.17 dB

Maximum value of SAR = 0.00427 mW/g

