

Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_820.11b_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 ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ 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 (61x201x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.06 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.409 mW/g

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

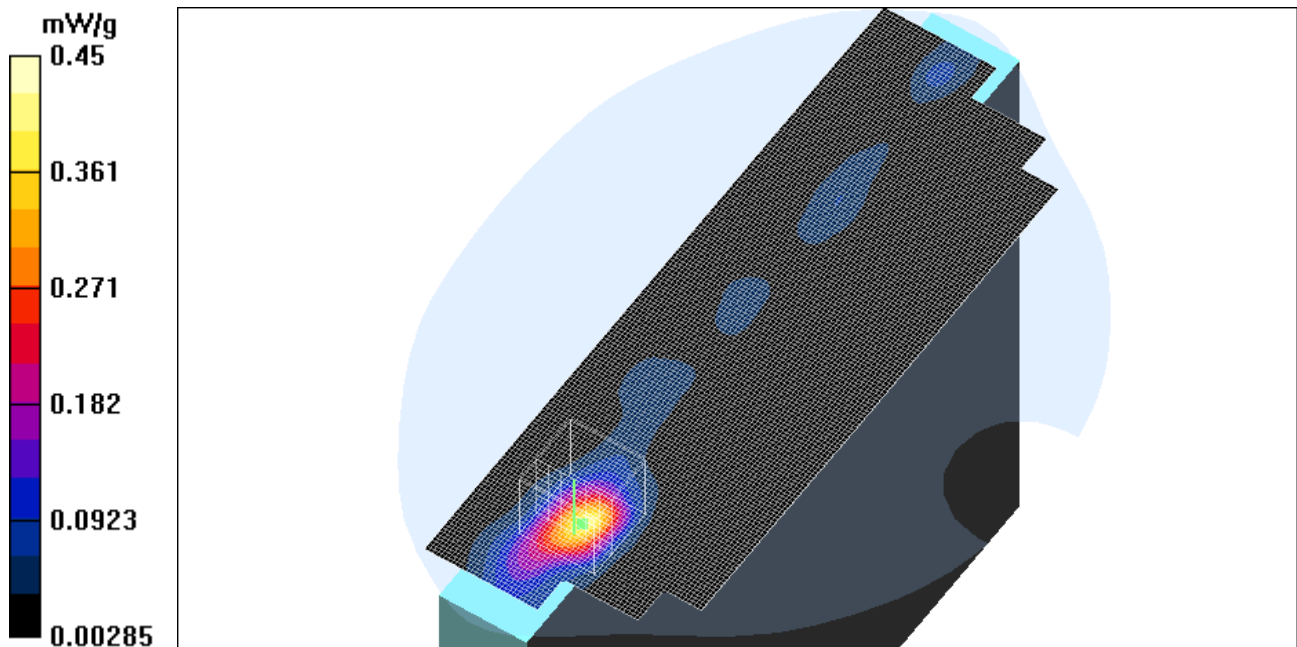
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.17 mW/g

Reference Value = 3.06 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.45 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_820.11b_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

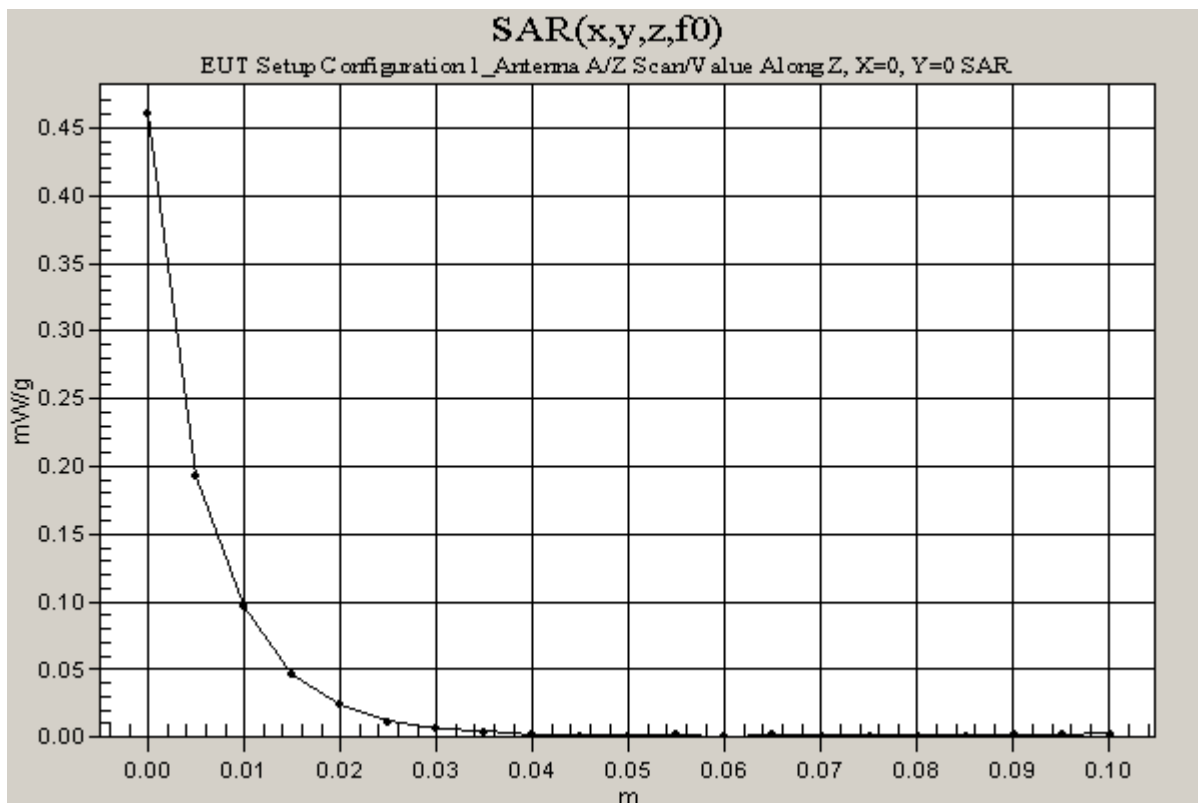
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 3.06 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.461 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_820.11b_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 ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ 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 (6x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.62 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.375 mW/g

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

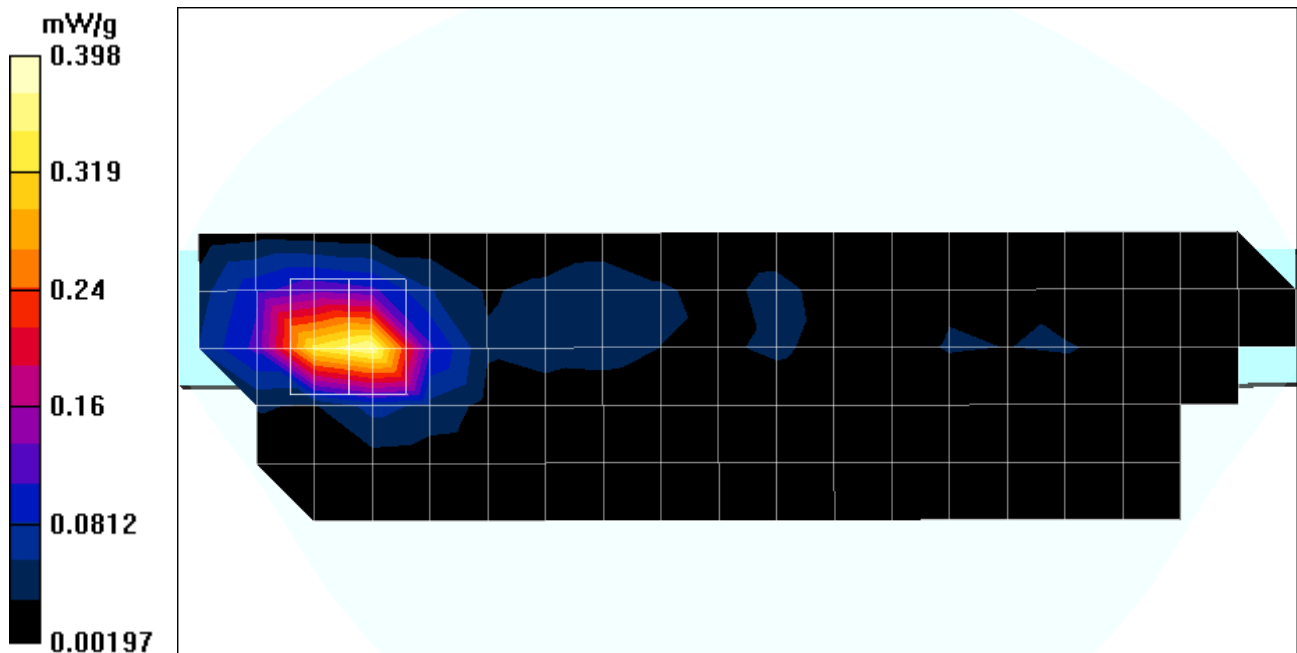
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.17 mW/g

Reference Value = 2.62 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.398 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_820.11b_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 ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ 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 (6x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.02 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.303 mW/g

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

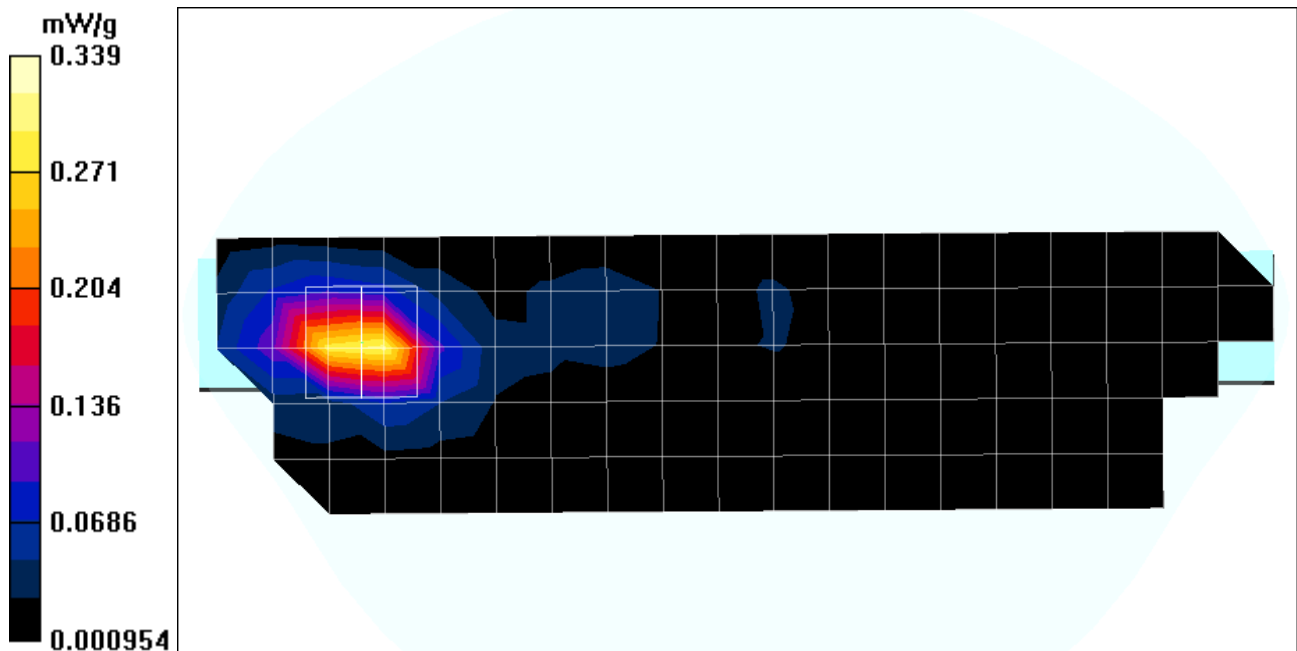
Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.14 mW/g

Reference Value = 2.02 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.339 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_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 ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ 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

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

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.112 mW/g

Reference Value = 3.41 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.339 mW/g

Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

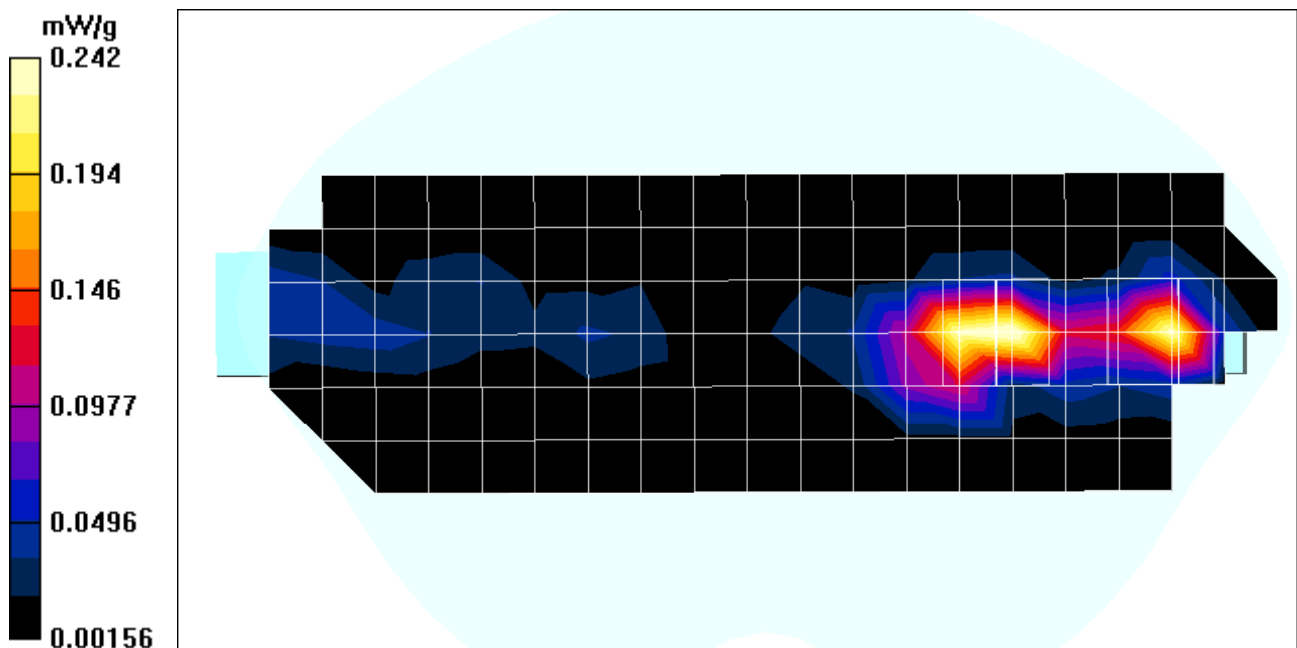
Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.0907 mW/g

Reference Value = 3.41 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.242 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11b_Antenna B

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

Medium: Muscle 2450 MHz ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

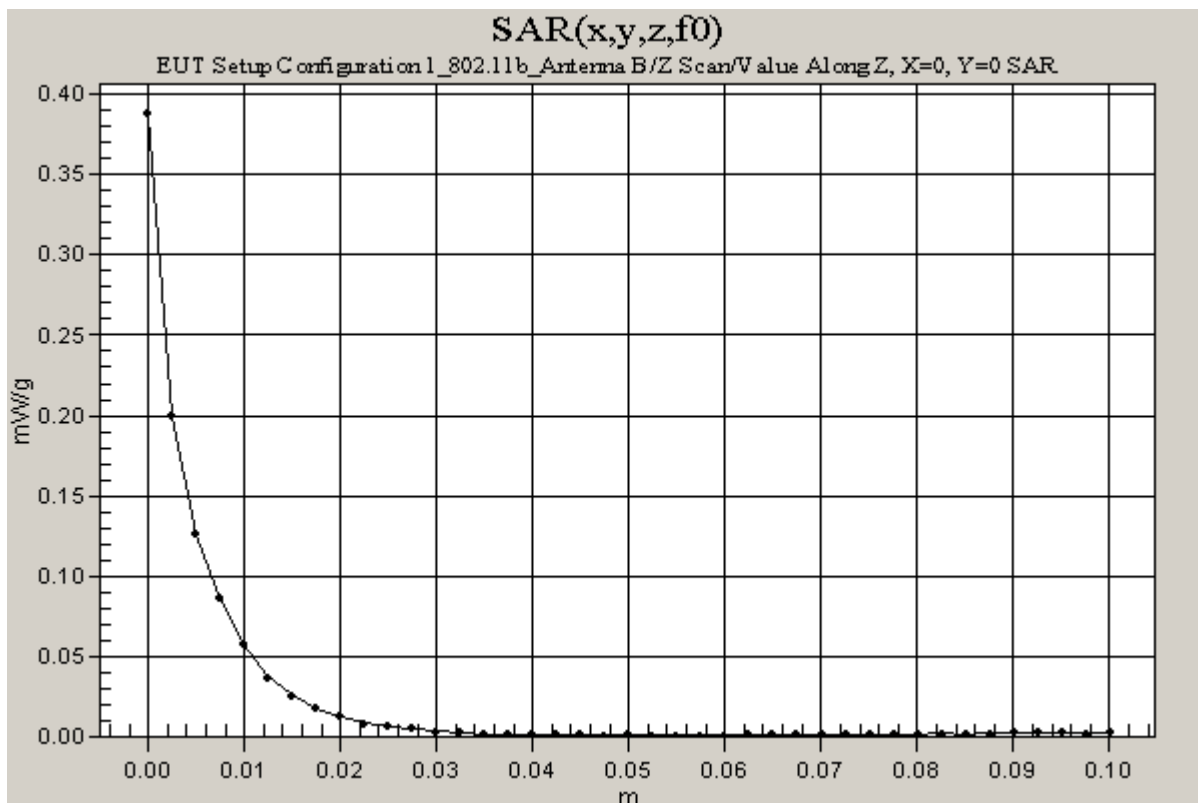
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 3.41 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.388 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_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 ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ 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 (6x21x1): 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) = 0.853 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.113 mW/g

Reference Value = 3.43 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.283 mW/g

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

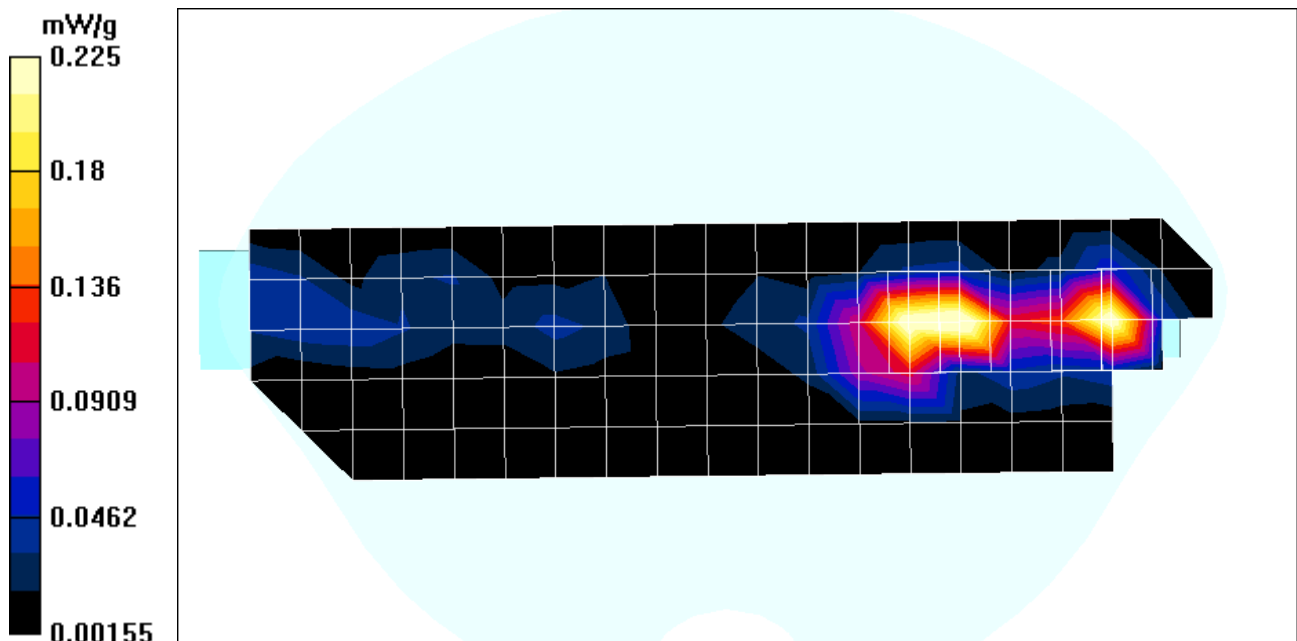
Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.0886 mW/g

Reference Value = 3.43 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.225 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_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 ($\sigma = 2.0392$ mho/m, $\epsilon_r = 51.8941$, $\rho = 1000$ 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 (6x21x1): 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) = 0.748 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.102 mW/g

Reference Value = 3.1 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.266 mW/g

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

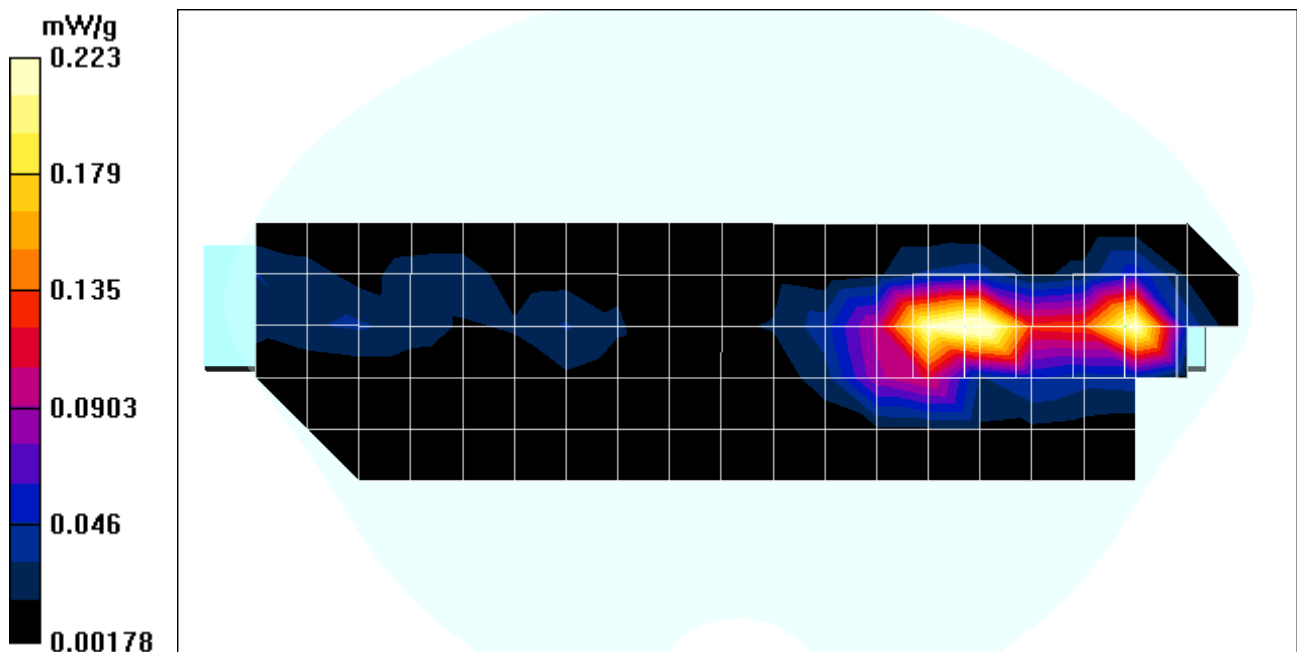
Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.0856 mW/g

Reference Value = 3.1 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.223 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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-Low/Area Scan (6x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.19 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.376 mW/g

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

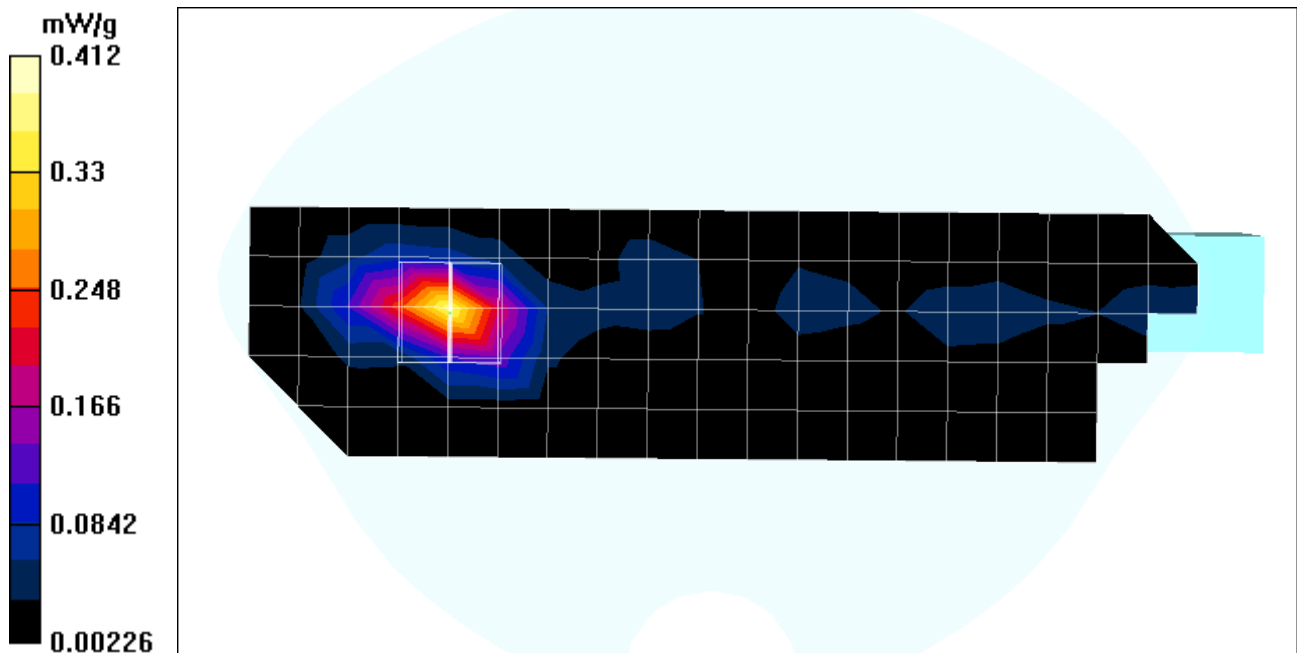
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.179 mW/g

Reference Value = 3.19 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.412 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 = 2.95 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.296 mW/g

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

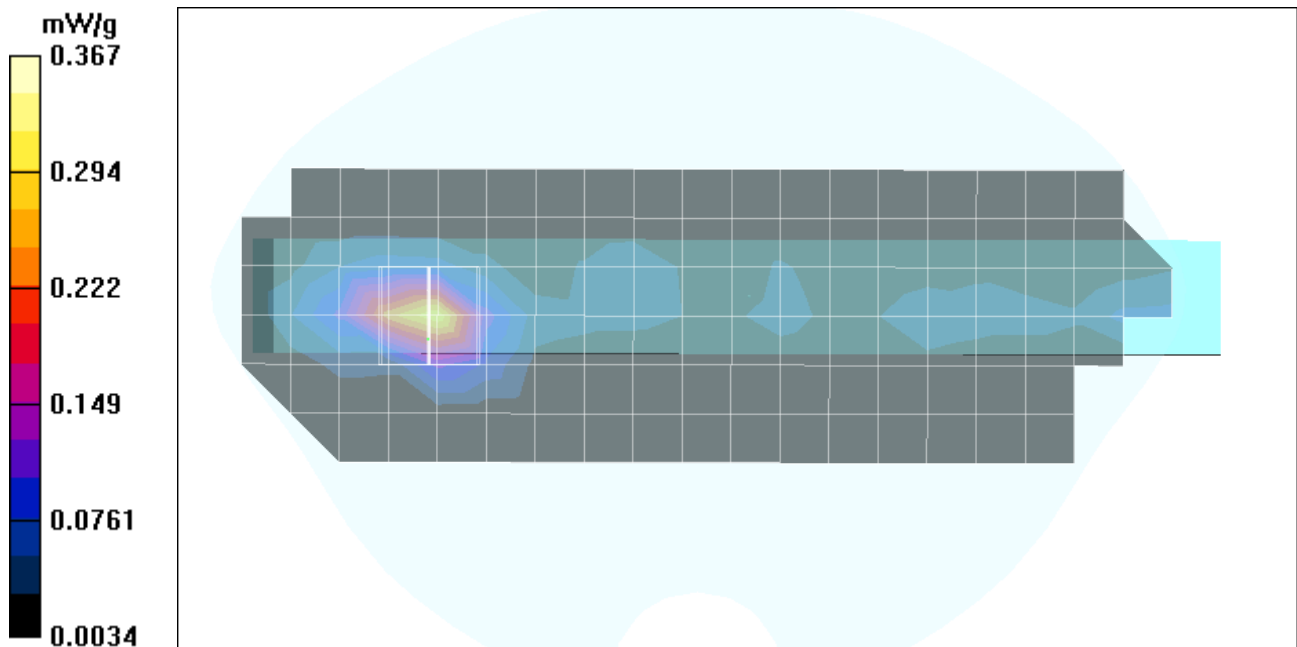
Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.142 mW/g

Reference Value = 2.95 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.367 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

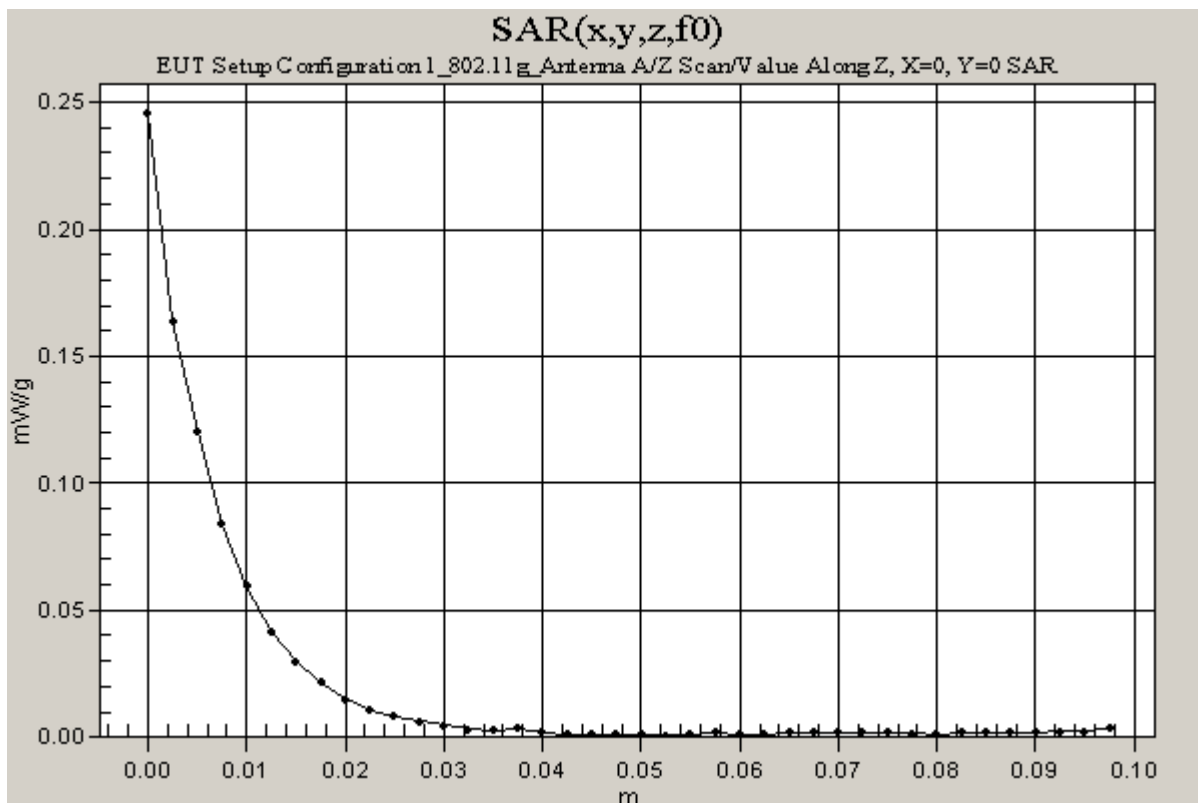
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 2.95 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.246 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (6x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.9 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.302 mW/g

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

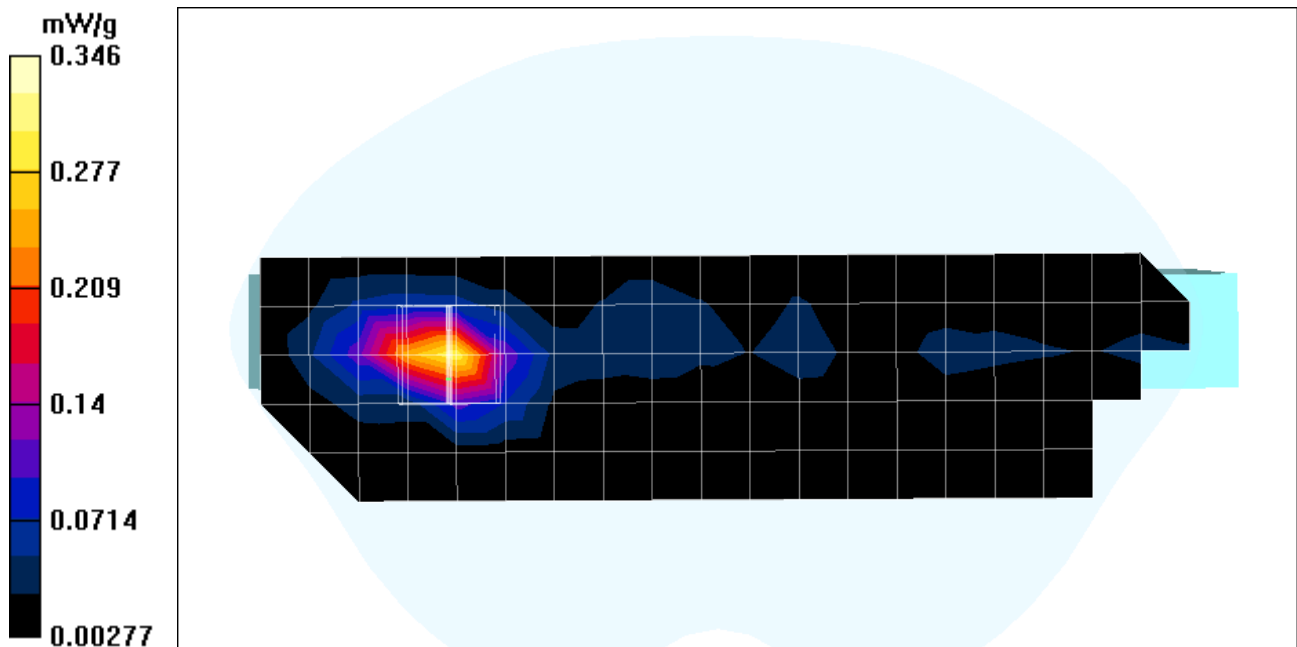
Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.144 mW/g

Reference Value = 2.9 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.346 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (6x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.81 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.299 mW/g

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

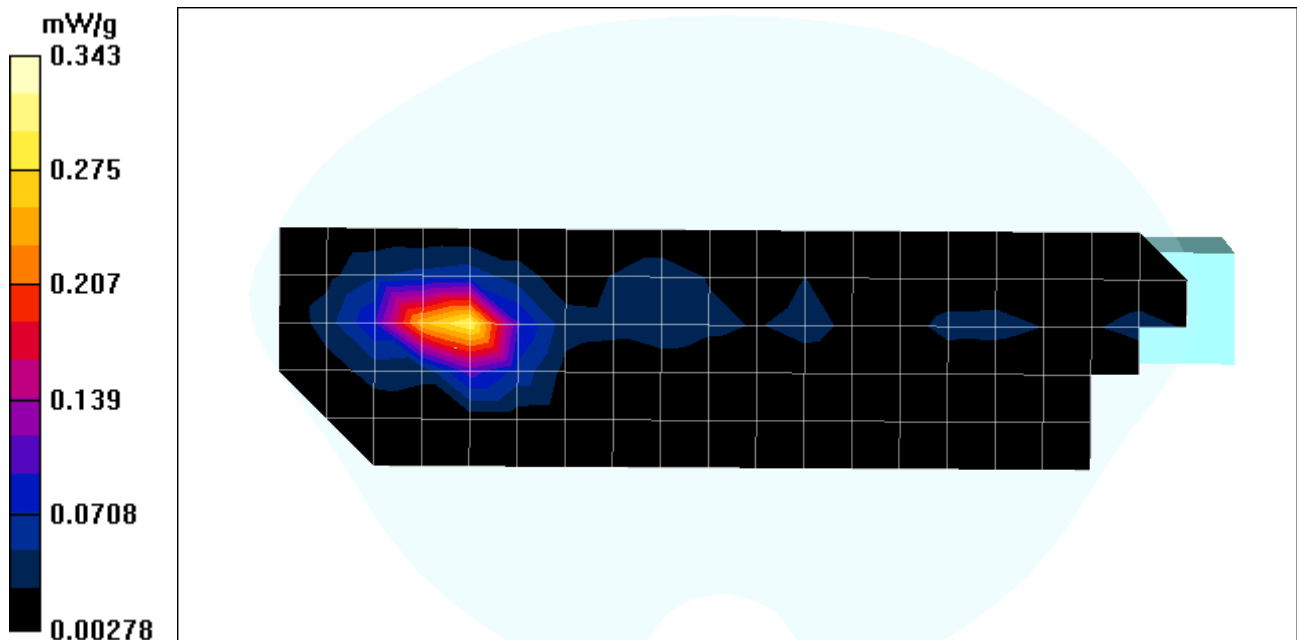
Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.34 mW/g; SAR(10 g) = 0.141 mW/g

Reference Value = 2.81 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.343 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (6x21x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.61 V/m

Power Drift = 0.3 dB

Maximum value of SAR = 0.273 mW/g

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

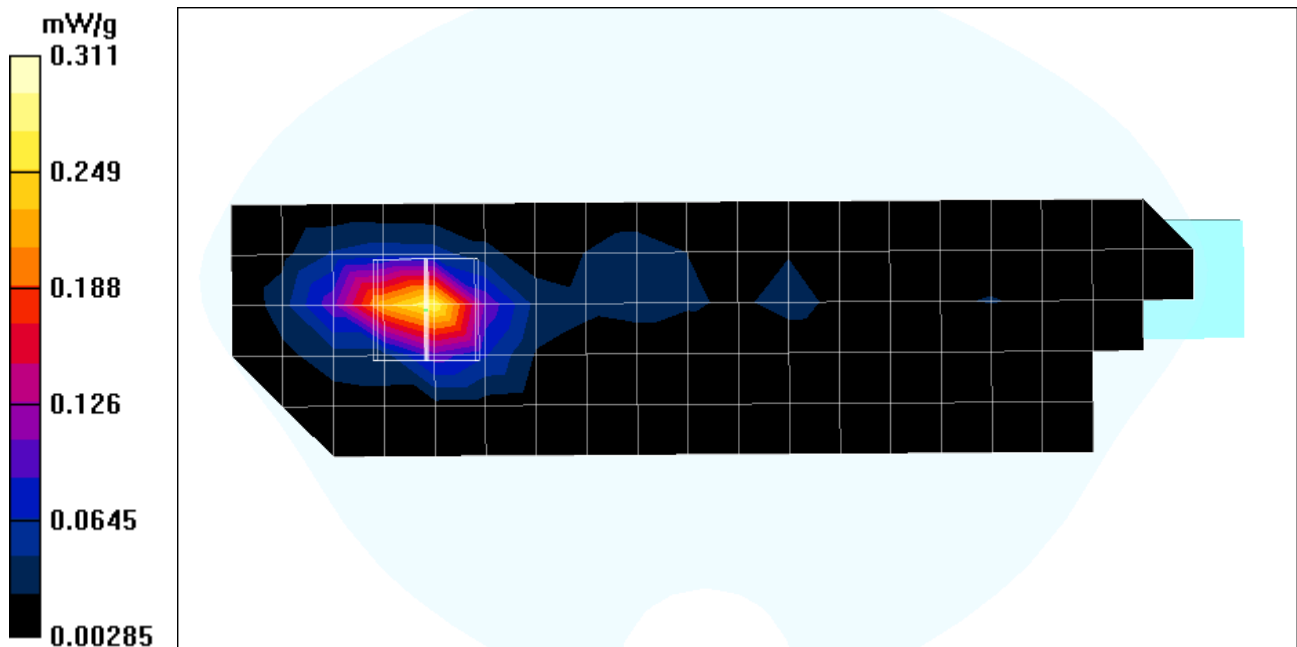
Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.129 mW/g

Reference Value = 2.61 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.311 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11g_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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

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

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.105 mW/g

Reference Value = 3.28 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.26 mW/g

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

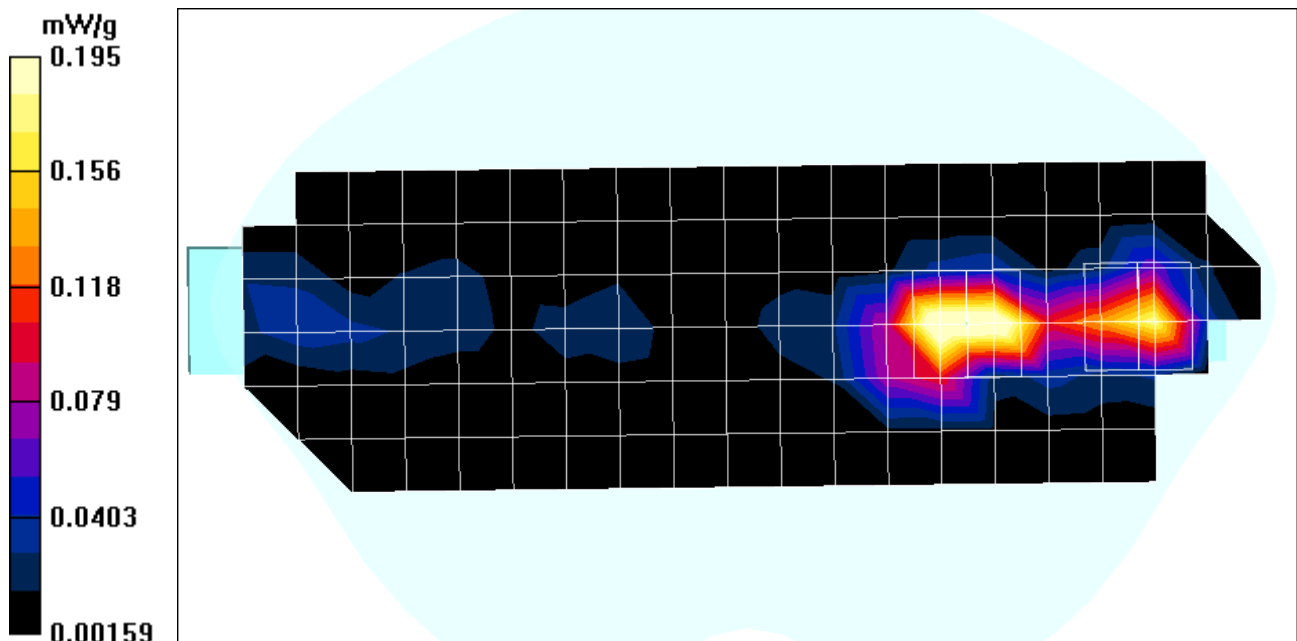
Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.0788 mW/g

Reference Value = 3.28 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.195 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [EUT Setup Configuration 1_Antenna B.da4](#)

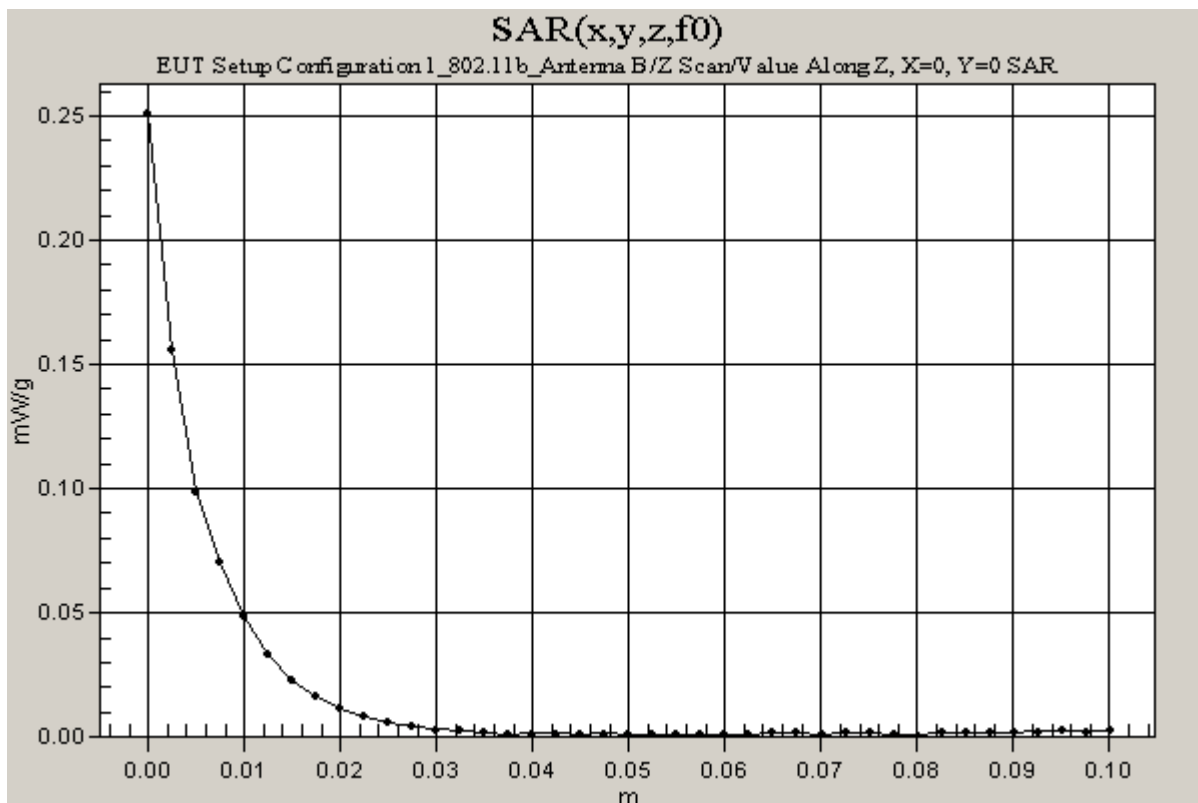
DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11g_Antenna B

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
 Reference Value = 3.28 V/m
 Power Drift = -0.1 dB
 Maximum value of SAR = 0.251 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_802.11g_Antenna B

Ambient Temperature: 24.5 deg C; Liquid Temperature: 2.30 deg C

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

Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (6x21x1): 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) = 0.605 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.0835 mW/g

Reference Value = 3.25 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.202 mW/g

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

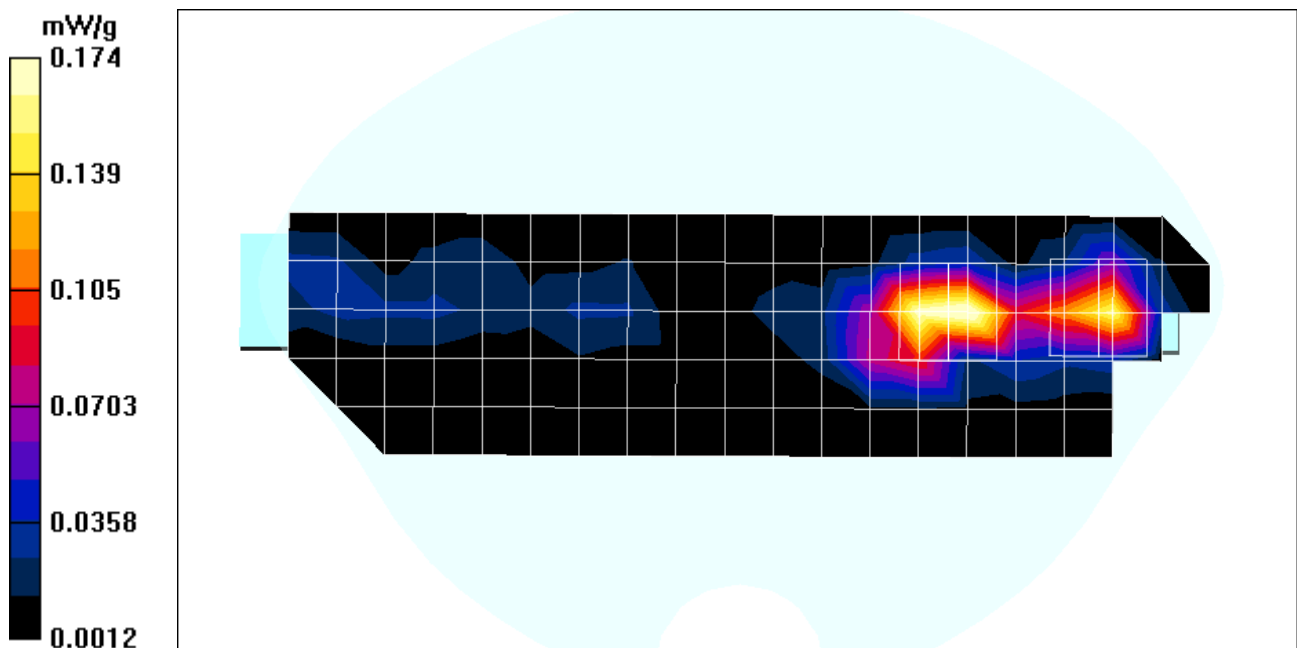
Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.0706 mW/g

Reference Value = 3.25 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.174 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [EUT Setup Configuration 1_Antenna B.da4](#)

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (6x21x1): Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.0682 mW/g

Reference Value = 2.91 V/m

Power Drift = 0.18 dB

Maximum value of SAR = 0.151 mW/g

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

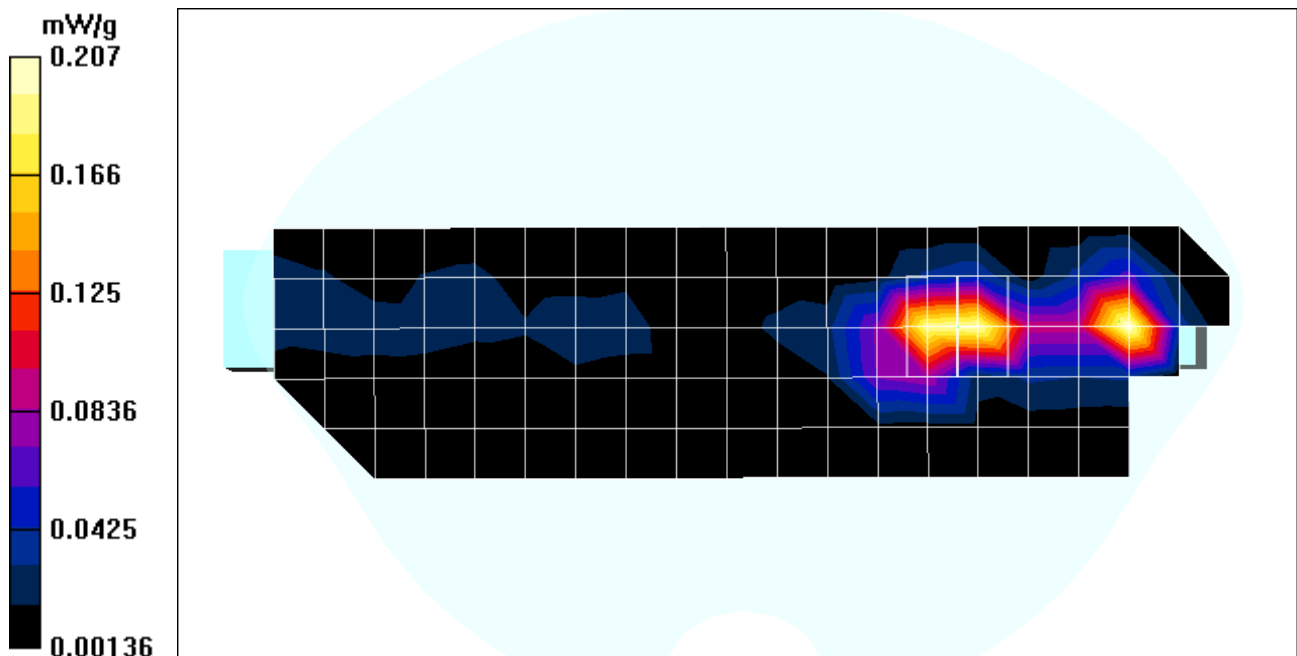
Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.073 mW/g

Reference Value = 2.91 V/m

Power Drift = 0.18 dB

Maximum value of SAR = 0.207 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 1_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (6x21x1): 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) = 0.586 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.0811 mW/g

Reference Value = 3.11 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.208 mW/g

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

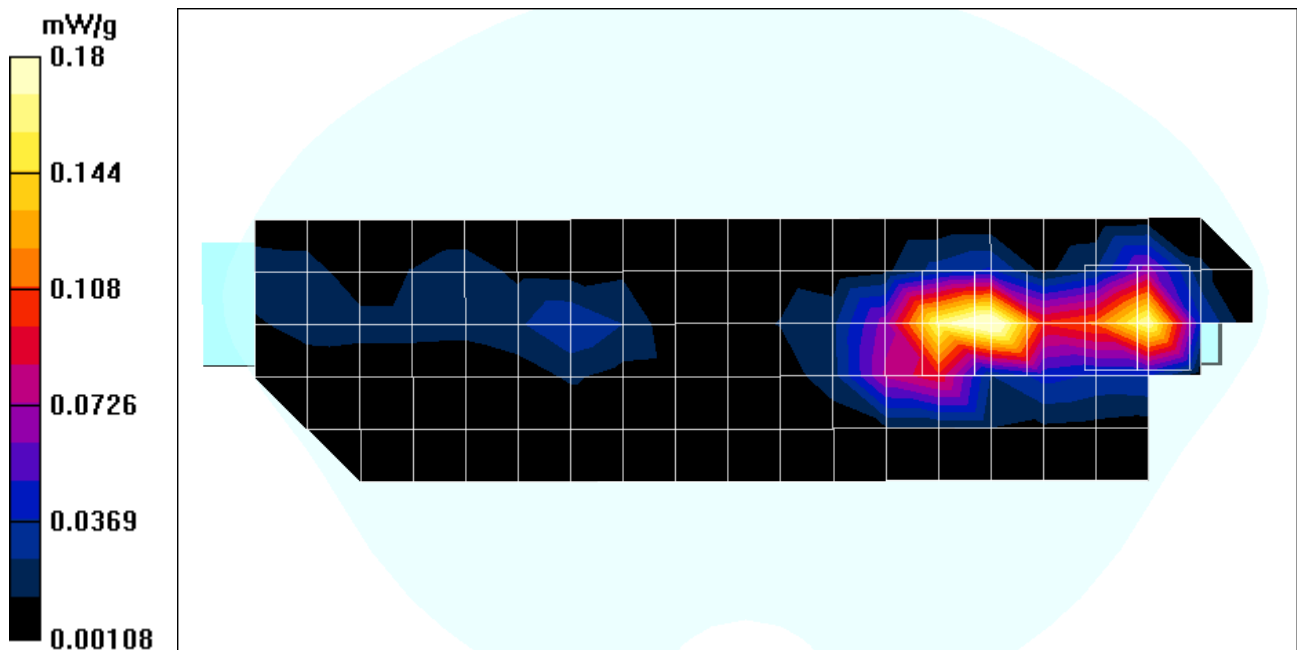
Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.0732 mW/g

Reference Value = 3.11 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.18 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 = 1.16 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.284 mW/g

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

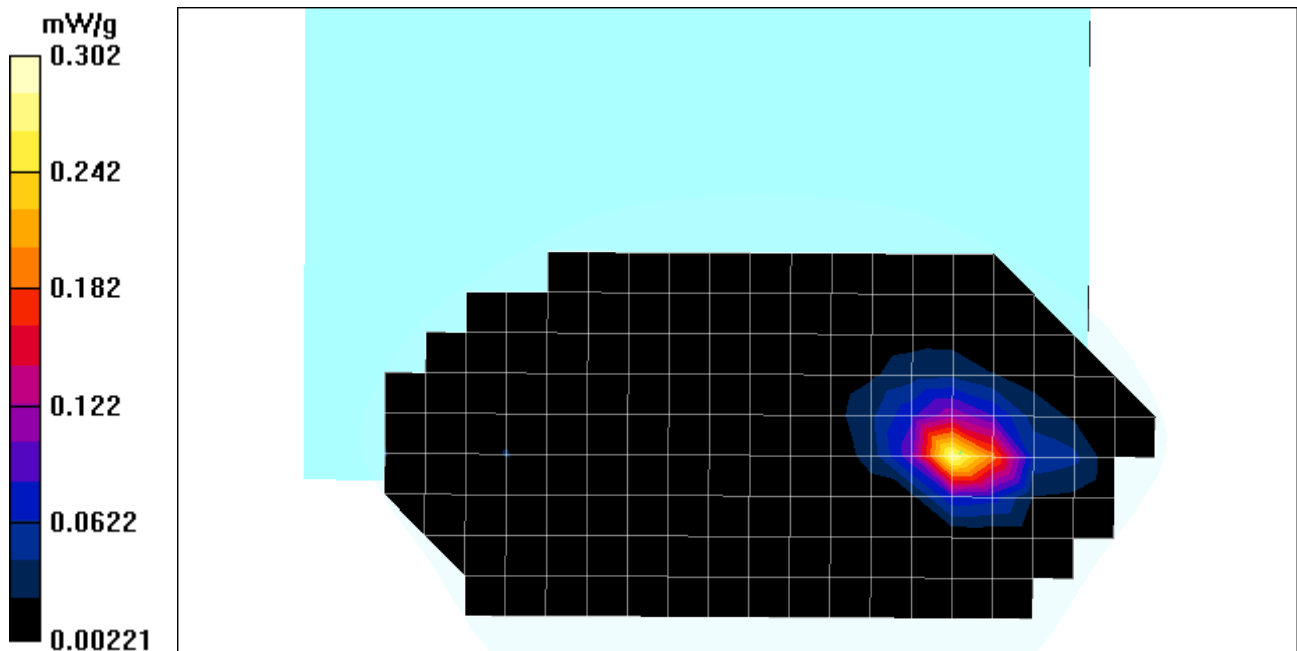
Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.131 mW/g

Reference Value = 1.16 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.302 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.42 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.263 mW/g

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

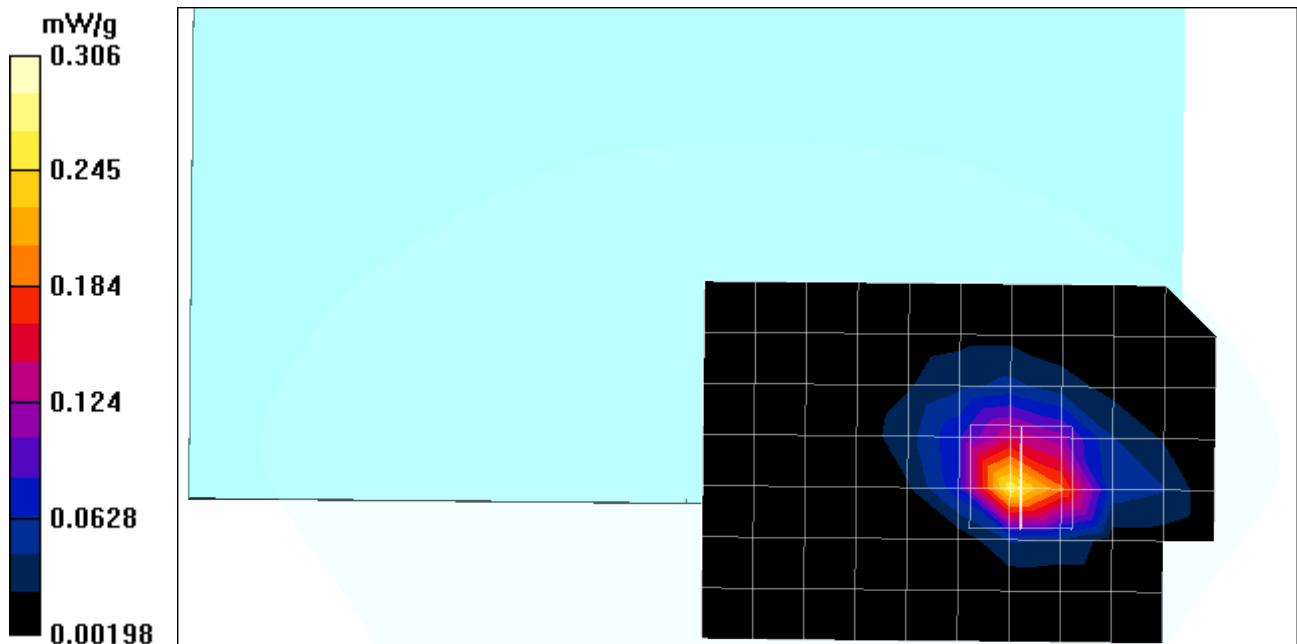
Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.133 mW/g

Reference Value = 1.42 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.306 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_802.11b_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

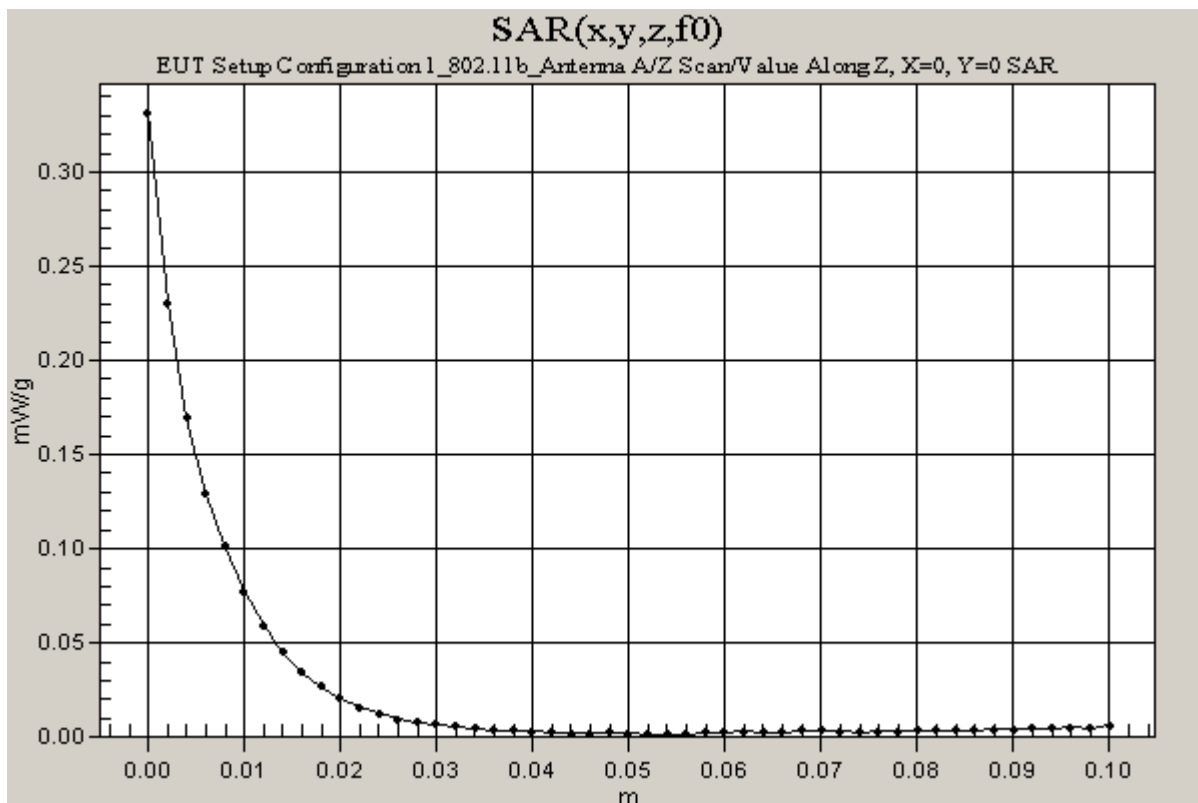
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.42 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.331 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.45 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.243 mW/g

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

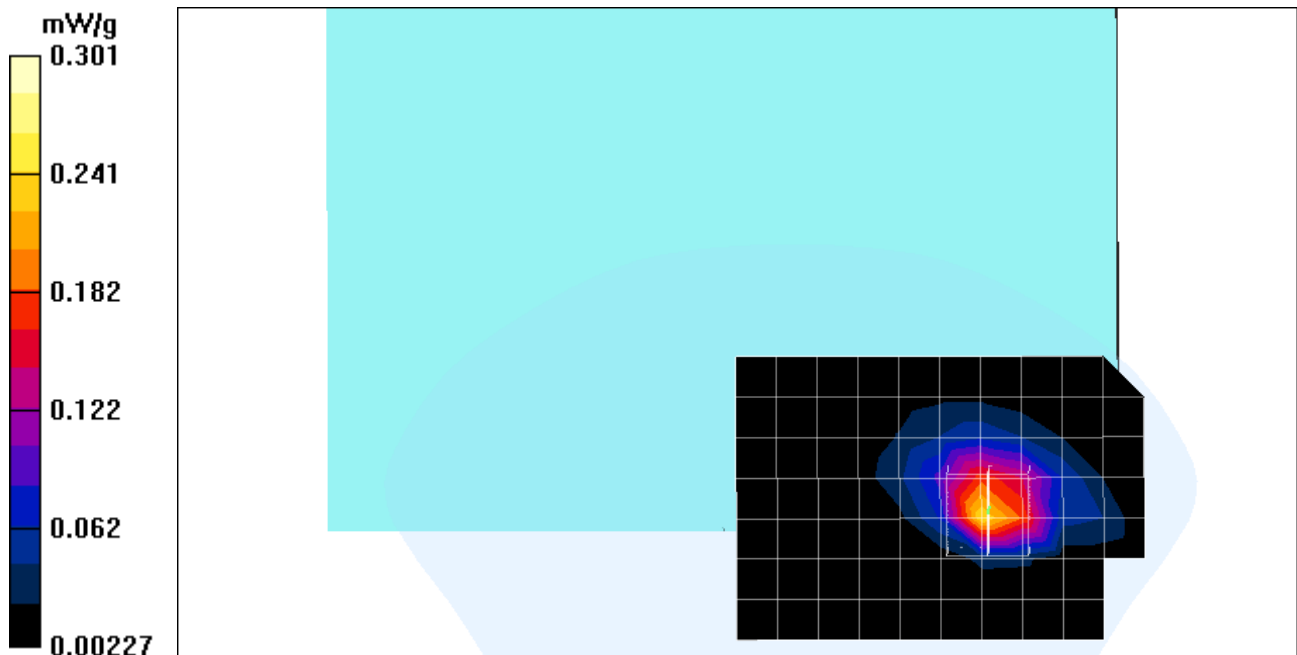
Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.132 mW/g

Reference Value = 1.45 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.301 mW/g



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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_802.11b_Antenna B
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

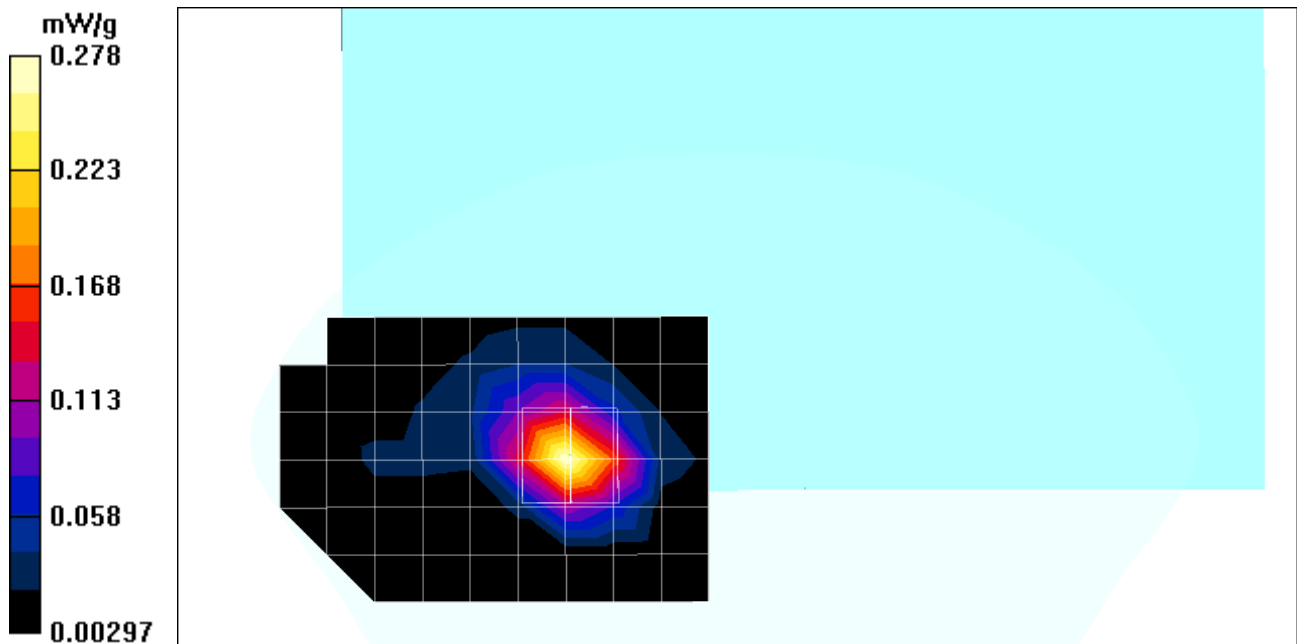
Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

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 (7x10x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 1.7 V/m
 Power Drift = 0.13 dB
 Maximum value of SAR = 0.278 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.128 mW/g
 Reference Value = 1.7 V/m
 Power Drift = 0.13 dB
 Maximum value of SAR = 0.278 mW/g



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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_802.11g_Antenna A
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

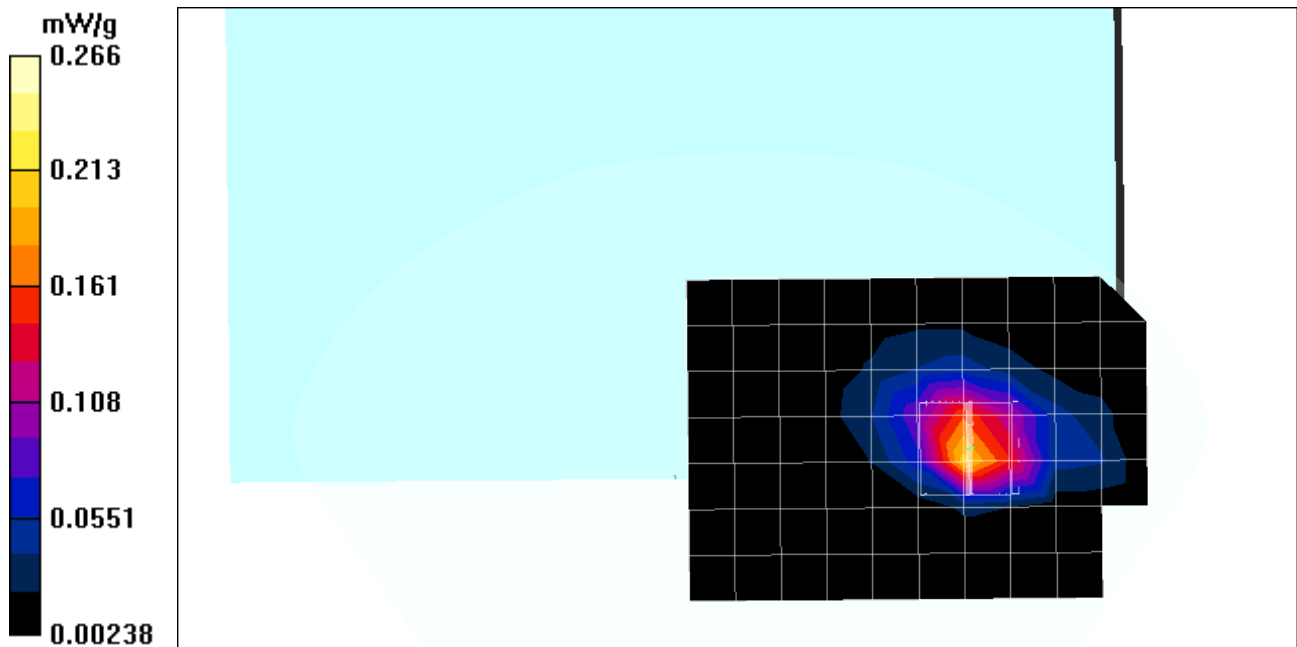
Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

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 (8x11x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 1.02 V/m
 Power Drift = 0.19 dB
 Maximum value of SAR = 0.204 mW/g

Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.617 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.114 mW/g
 Reference Value = 1.02 V/m
 Power Drift = 0.19 dB
 Maximum value of SAR = 0.266 mW/g



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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_802.11g_Antenna A
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

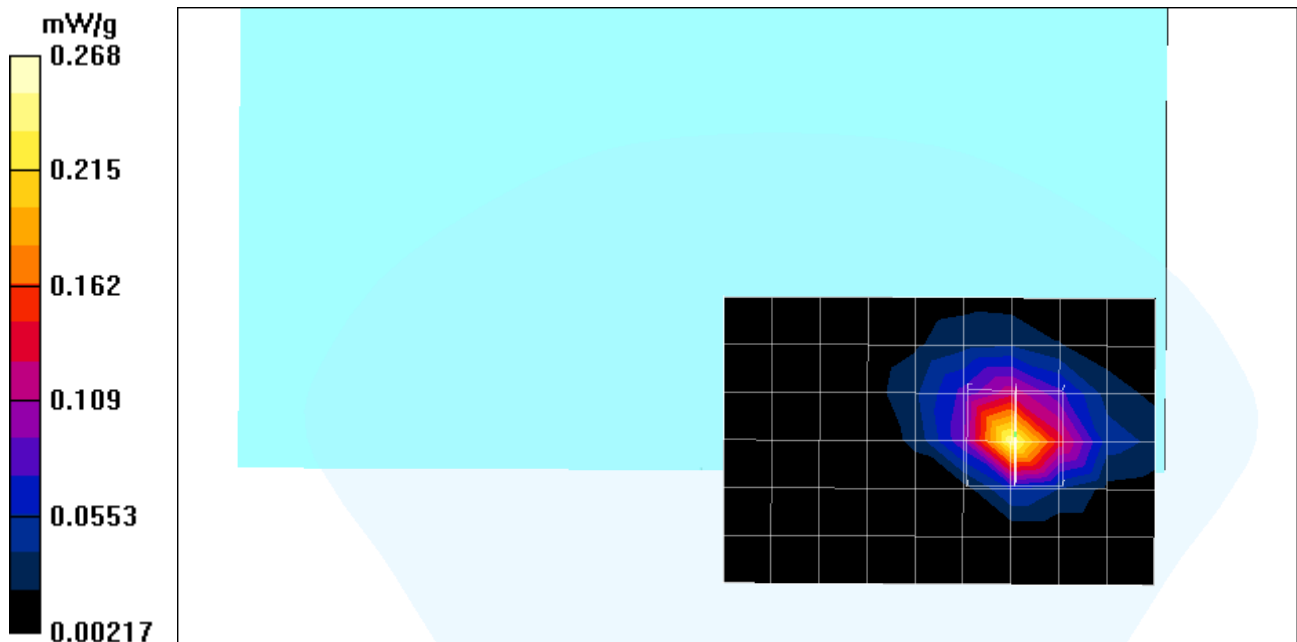
Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

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 (7x10x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 1.12 V/m
 Power Drift = 0.12 dB
 Maximum value of SAR = 0.25 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.111 mW/g
 Reference Value = 1.12 V/m
 Power Drift = 0.12 dB
 Maximum value of SAR = 0.268 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.32 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.34 mW/g

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

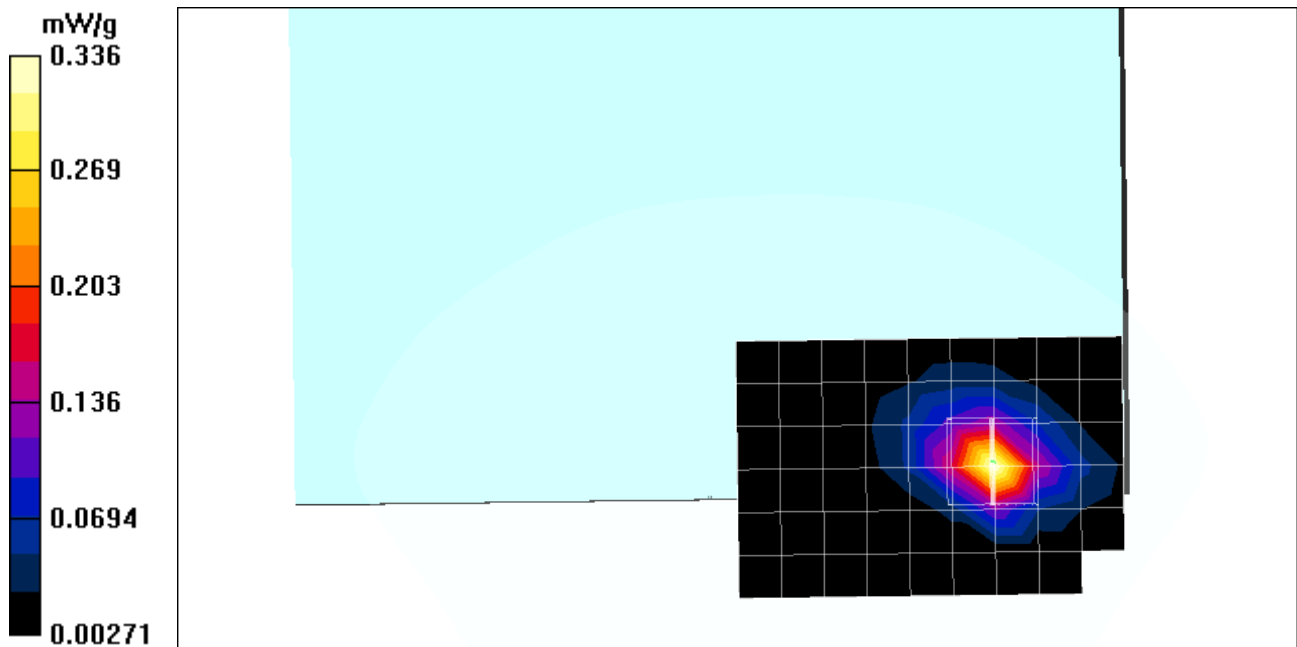
Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.142 mW/g

Reference Value = 1.32 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 2_Antenna A.da4](#)

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_802.11g_Antenna A

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

Medium: Muscle 2450 MHz ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

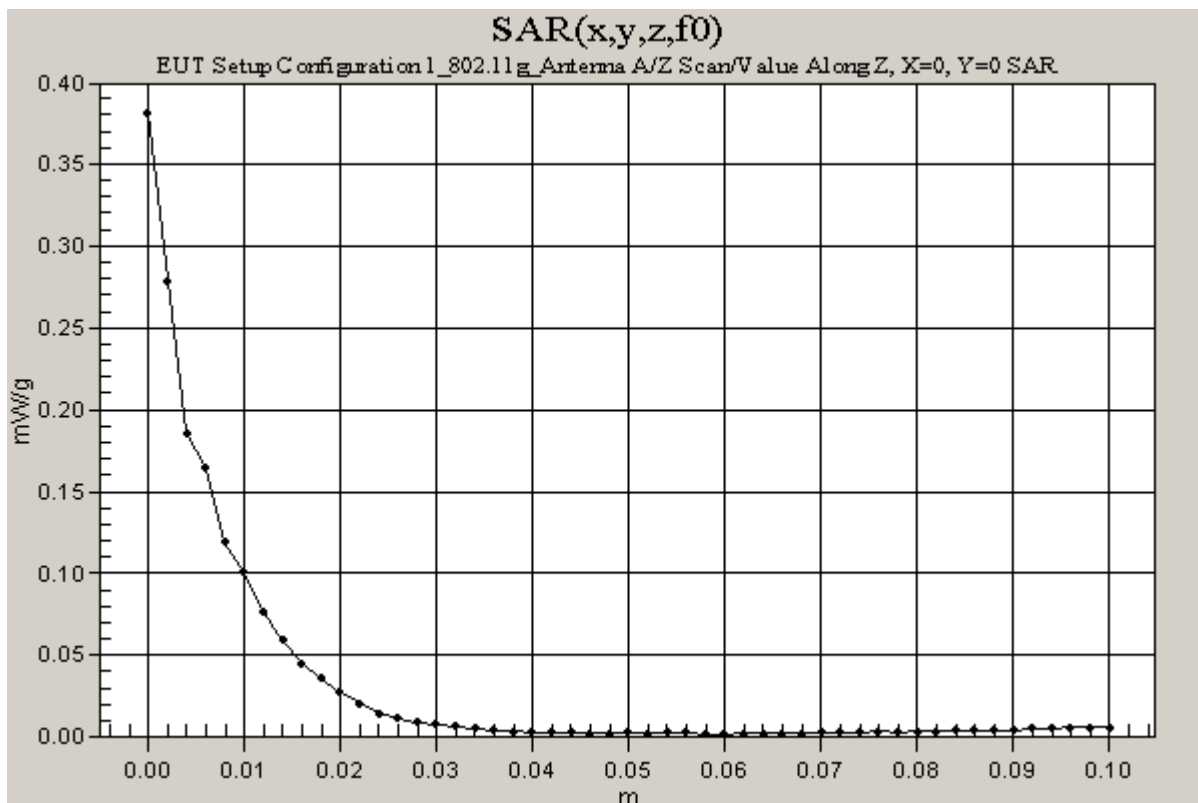
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 1.32 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.381 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; Serial: N/A

Program: EUT Setup Configuration 2_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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.28 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.292 mW/g

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

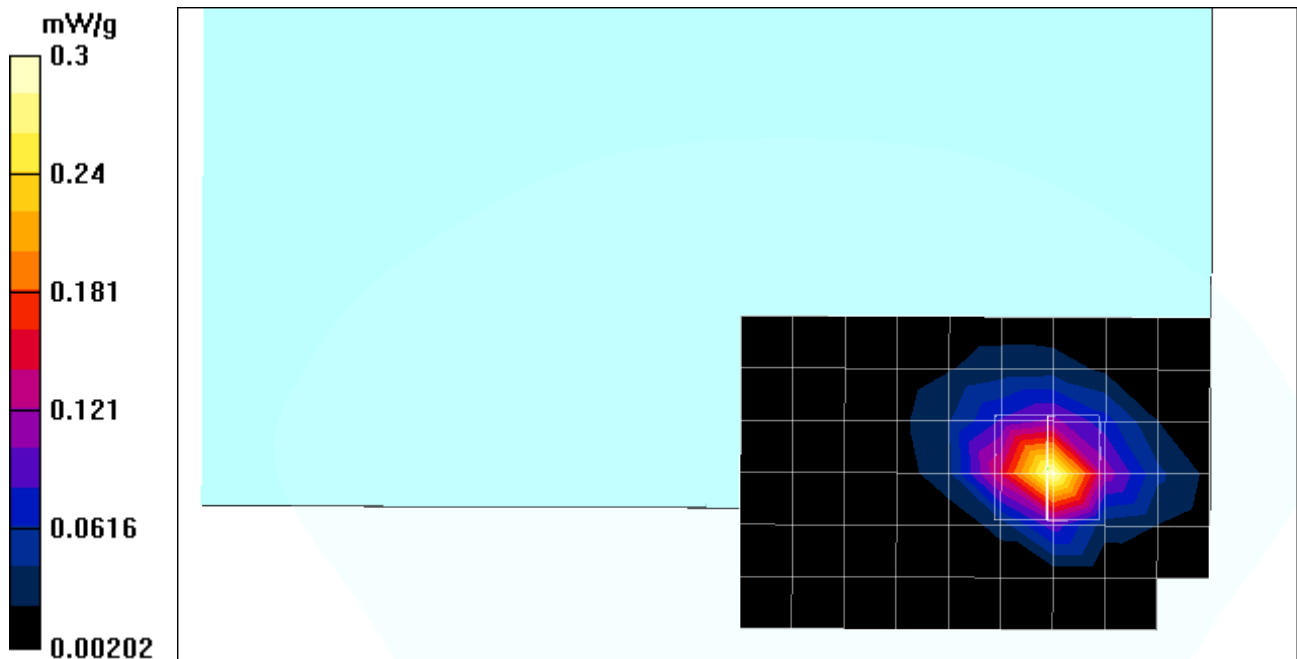
Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.123 mW/g

Reference Value = 1.28 V/m

Power Drift = 0.14 dB

Maximum value of SAR = 0.3 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.78 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.272 mW/g

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

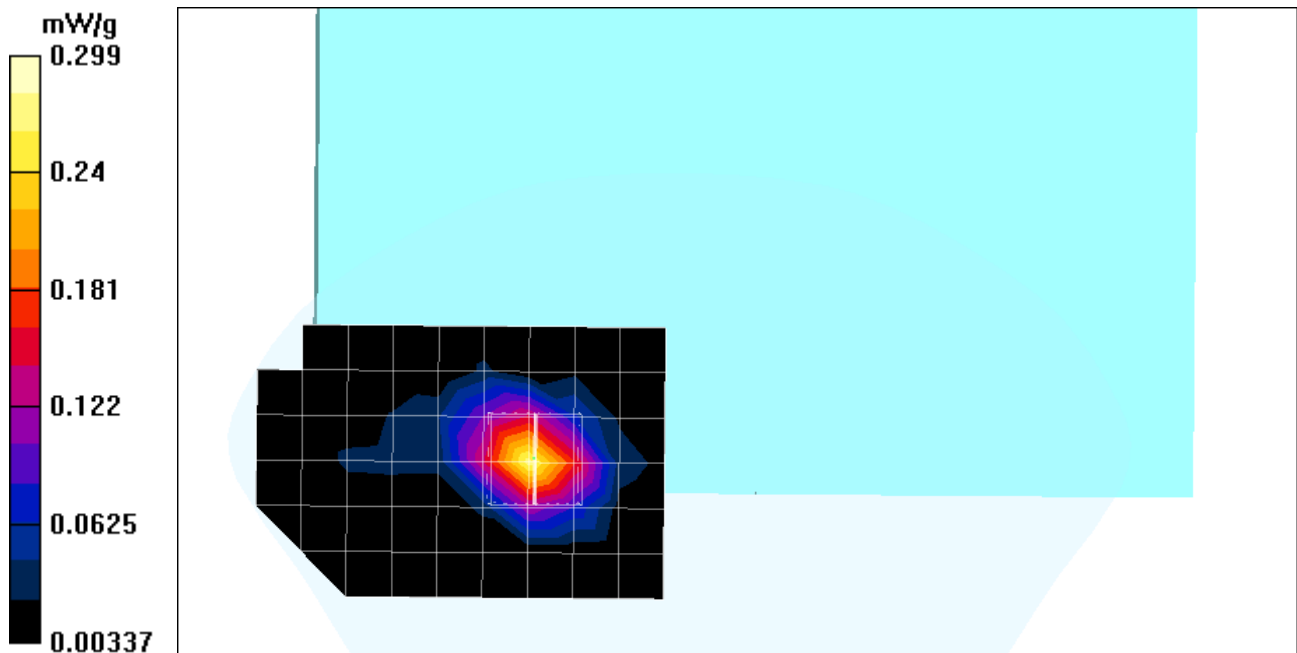
Peak SAR (extrapolated) = 0.62 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.132 mW/g

Reference Value = 1.78 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.299 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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) = 0.0252 W/kg

SAR(1 g) = 0.0108 mW/g; SAR(10 g) = 0.00578 mW/g

Reference Value = 0.741 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0108 mW/g

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

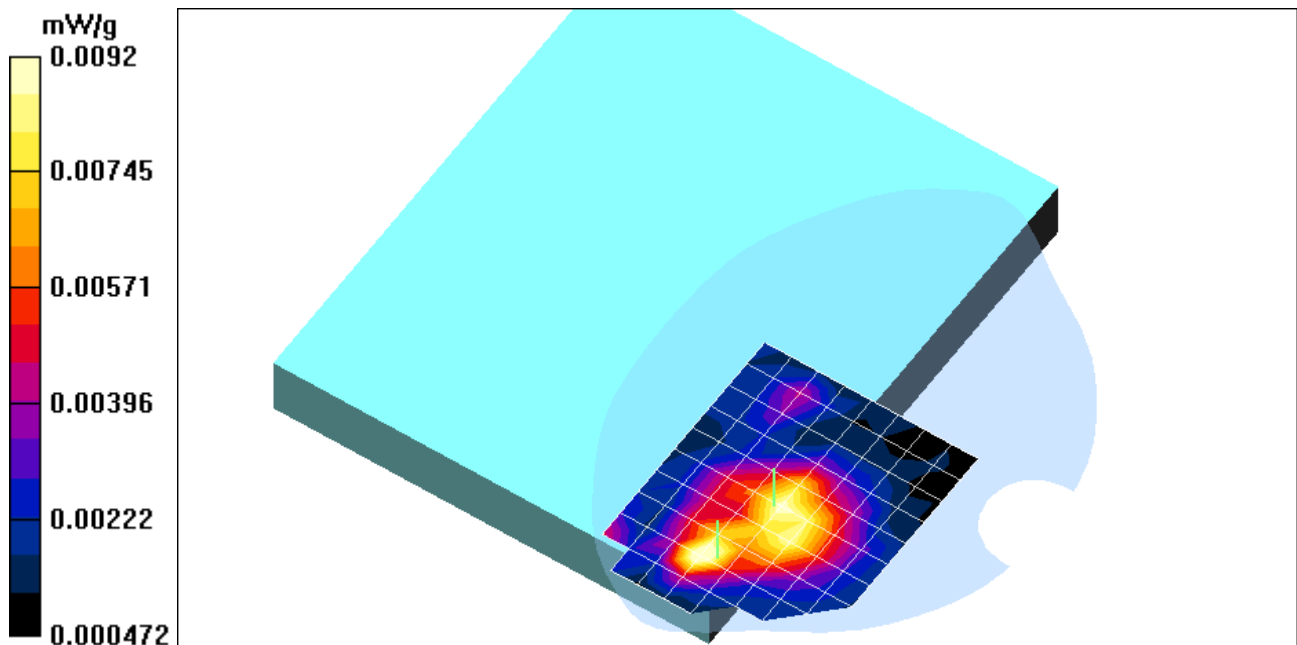
Peak SAR (extrapolated) = 0.0223 W/kg

SAR(1 g) = 0.00895 mW/g; SAR(10 g) = 0.00539 mW/g

Reference Value = 0.741 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0092 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

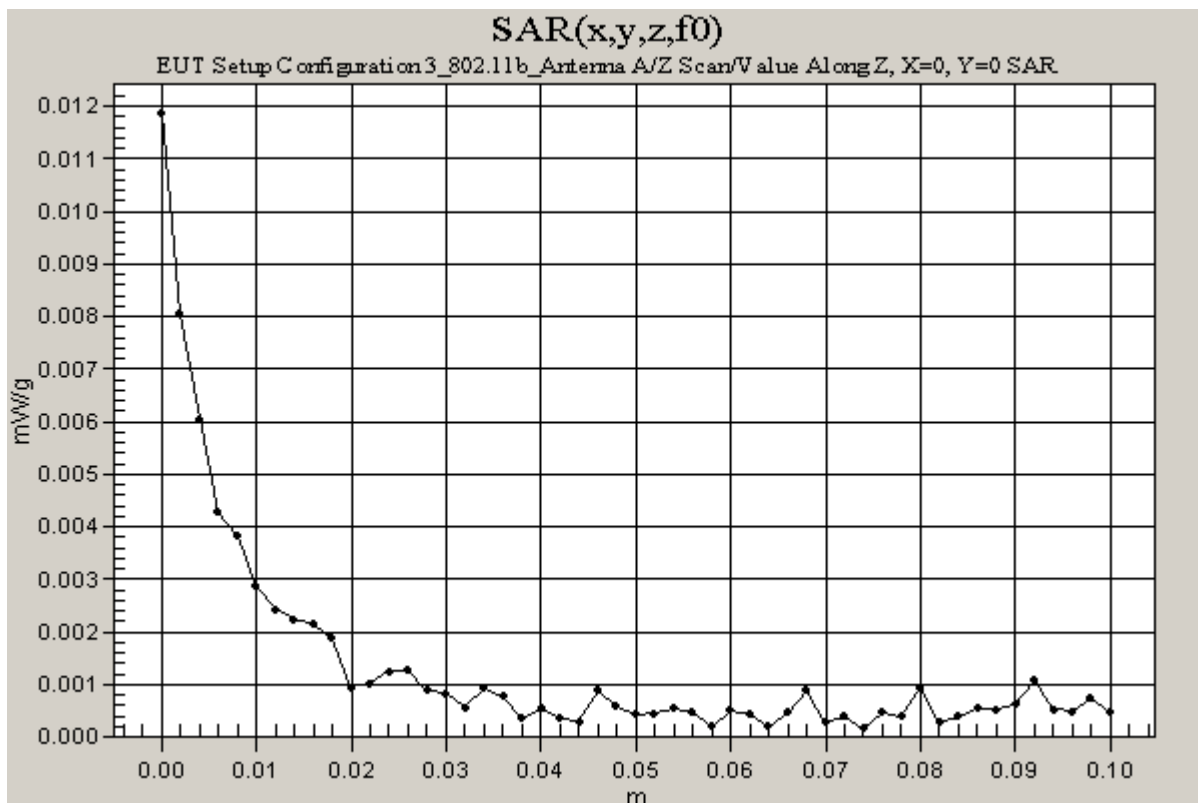
- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

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

Reference Value = 0.741 V/m

Power Drift = -0.14 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: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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

Torbo Mode/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

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

Peak SAR (extrapolated) = 0.0227 W/kg

[SAR\(1 g\) = 0.00964 mW/g](#); SAR(10 g) = 0.00573 mW/g

Reference Value = 0.933 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.00972 mW/g

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

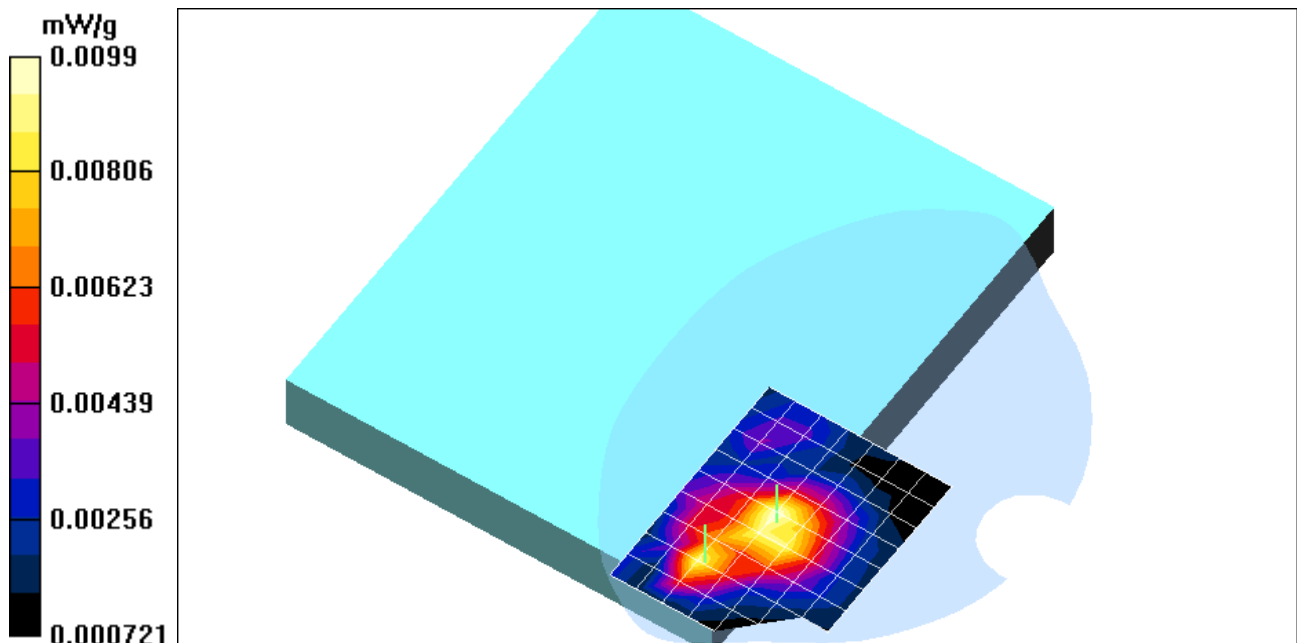
Peak SAR (extrapolated) = 0.0181 W/kg

[SAR\(1 g\) = 0.00932 mW/g](#); SAR(10 g) = 0.00523 mW/g

Reference Value = 0.933 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.0099 mW/g



Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-1MPC; 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 ($\sigma = 1.9743$ mho/m, $\epsilon_r = 51.9034$, $\rho = 1000$ 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

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

Reference Value = 0.933 V/m

Power Drift = -0.11 dB

Maximum value of SAR = 0.0107 mW/g

