Date/Time: 10/07/03 19:12:36

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 1_Antenna 2.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11b_Antenna 2
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

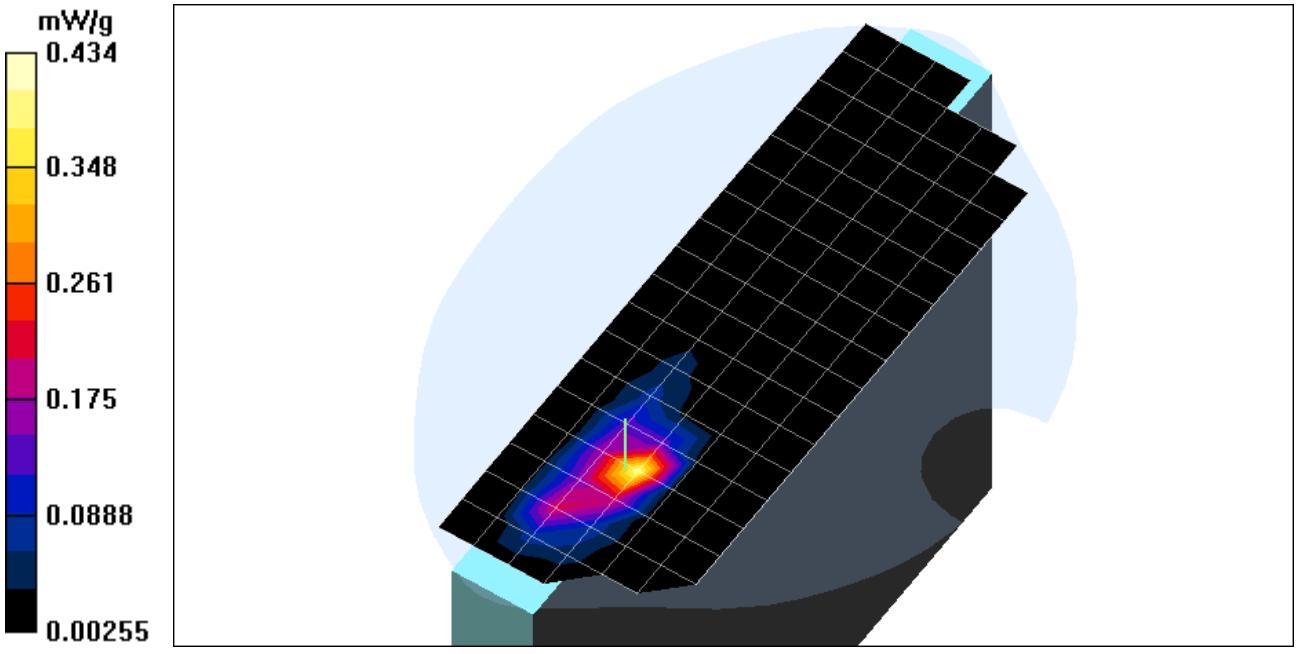
Communication System: DSSS; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:

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

Low/Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 1.52 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.401 mW/g

Low/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) = 0.416 mW/g; SAR(10 g) = 0.173 mW/g
Reference Value = 1.52 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.434 mW/g



Date/Time: 10/07/03 19:33:38

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 1_Antenna 2.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11b_Antenna 2
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

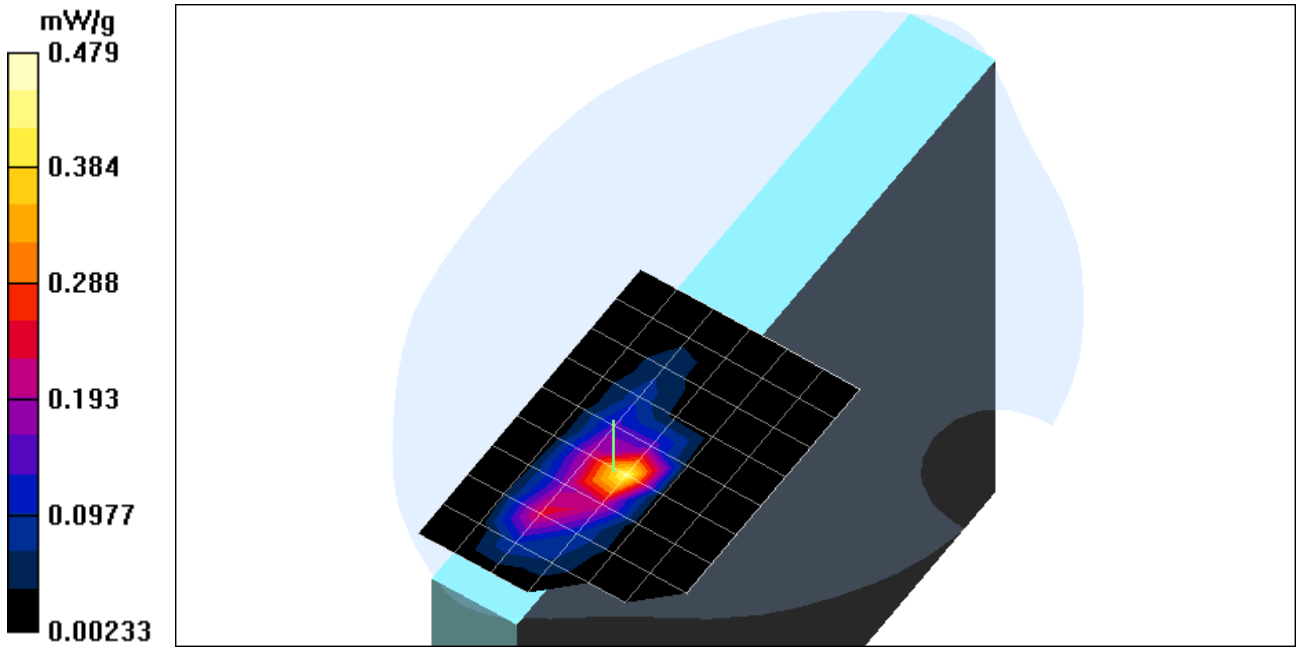
Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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

Middle/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 1.79 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.432 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.193 mW/g
Reference Value = 1.79 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.479 mW/g



Date/Time: 10/07/03 19:33:38

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 1_Antenna 2.da4

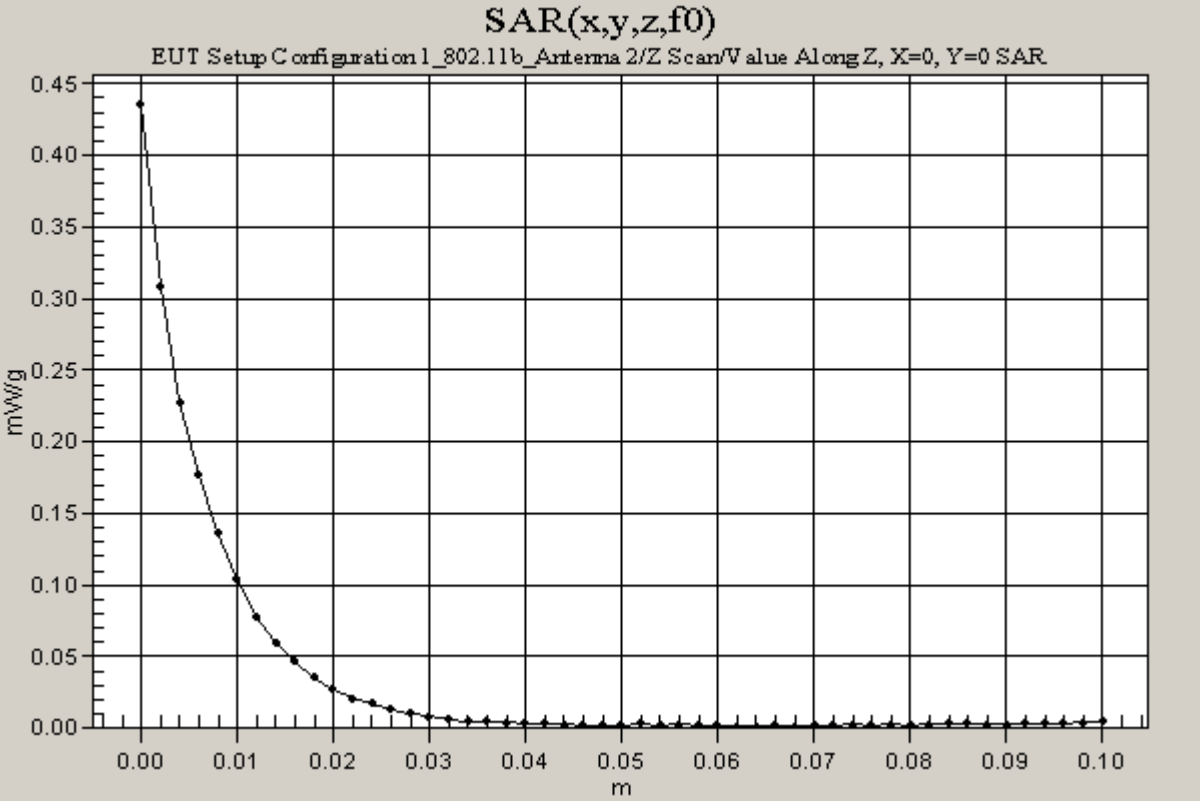
DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11b_Antenna 2

Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 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: 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 = 1.79 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.436 mW/g



Date/Time: 10/07/03 20:14:44

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 1_Antenna 2.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11b_Antenna 2
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

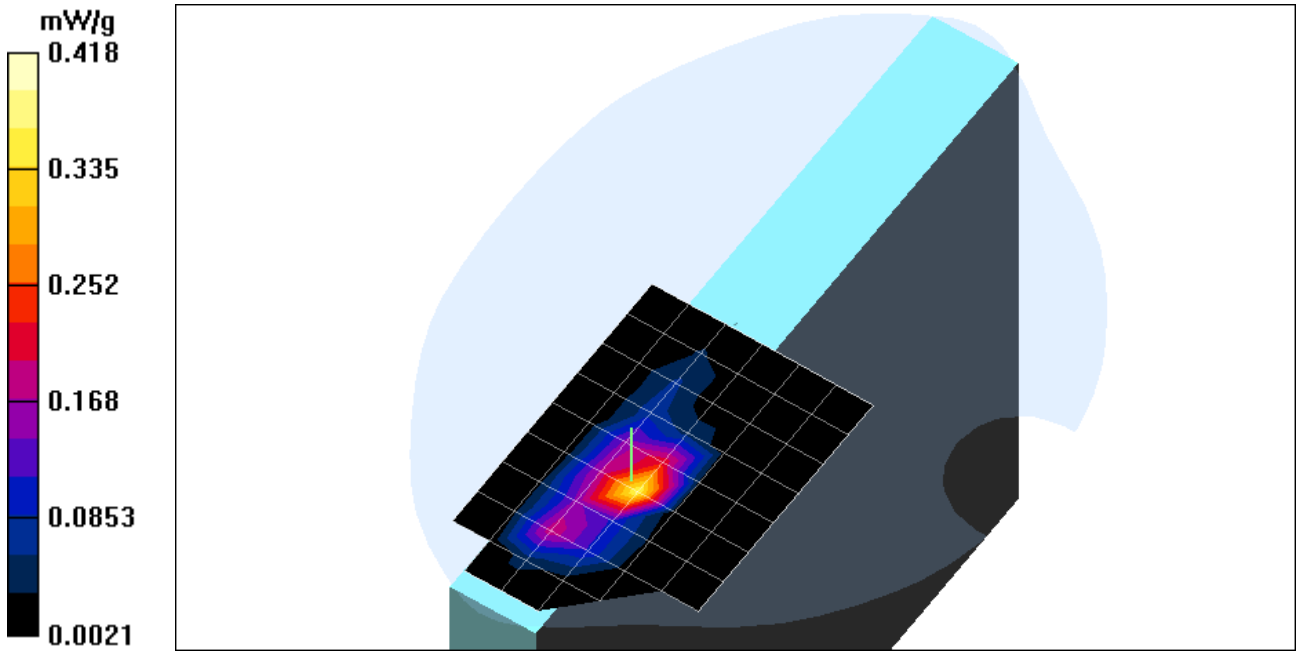
Communication System: DSSS; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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 (7x10x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 1.56 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.367 mW/g

High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.167 mW/g
Reference Value = 1.56 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.418 mW/g



Date/Time: 10/07/03 19:53:52

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 1_Antenna 2.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11b_Antenna 2
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

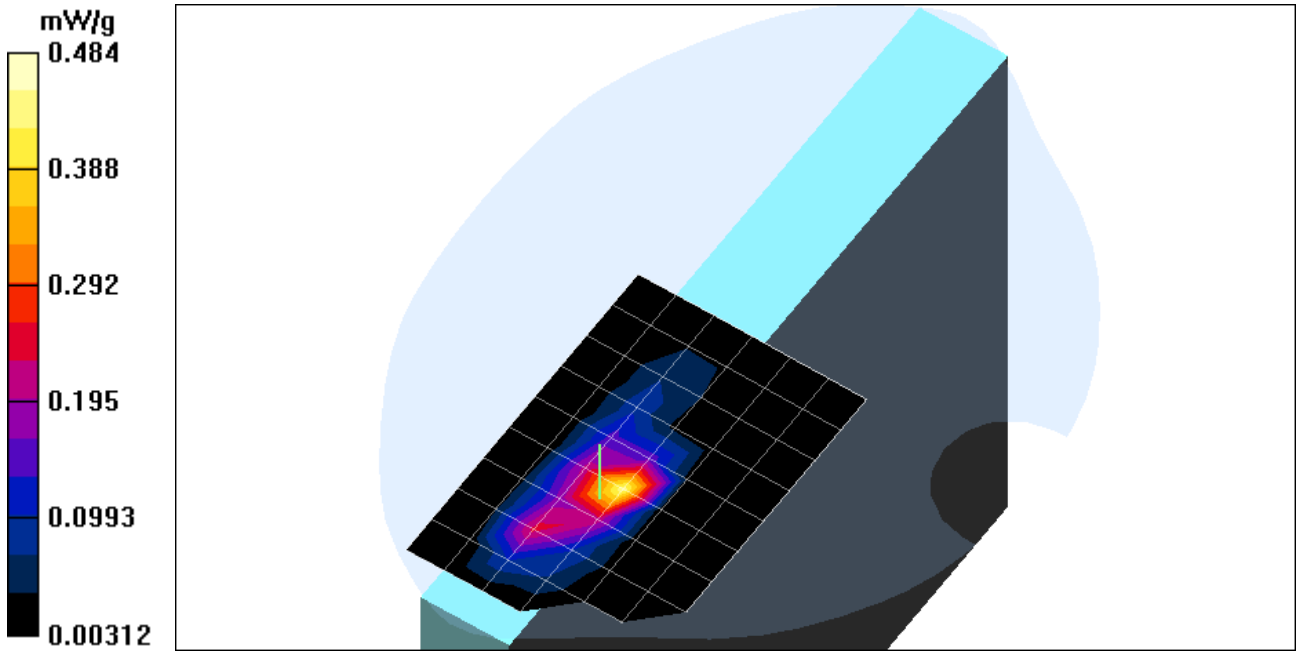
Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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

Co-location/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 2.19 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.445 mW/g

Co-location/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.194 mW/g
Reference Value = 2.19 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.484 mW/g



Date/Time: 10/07/03 19:53:52

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 1_Antenna 2.da4

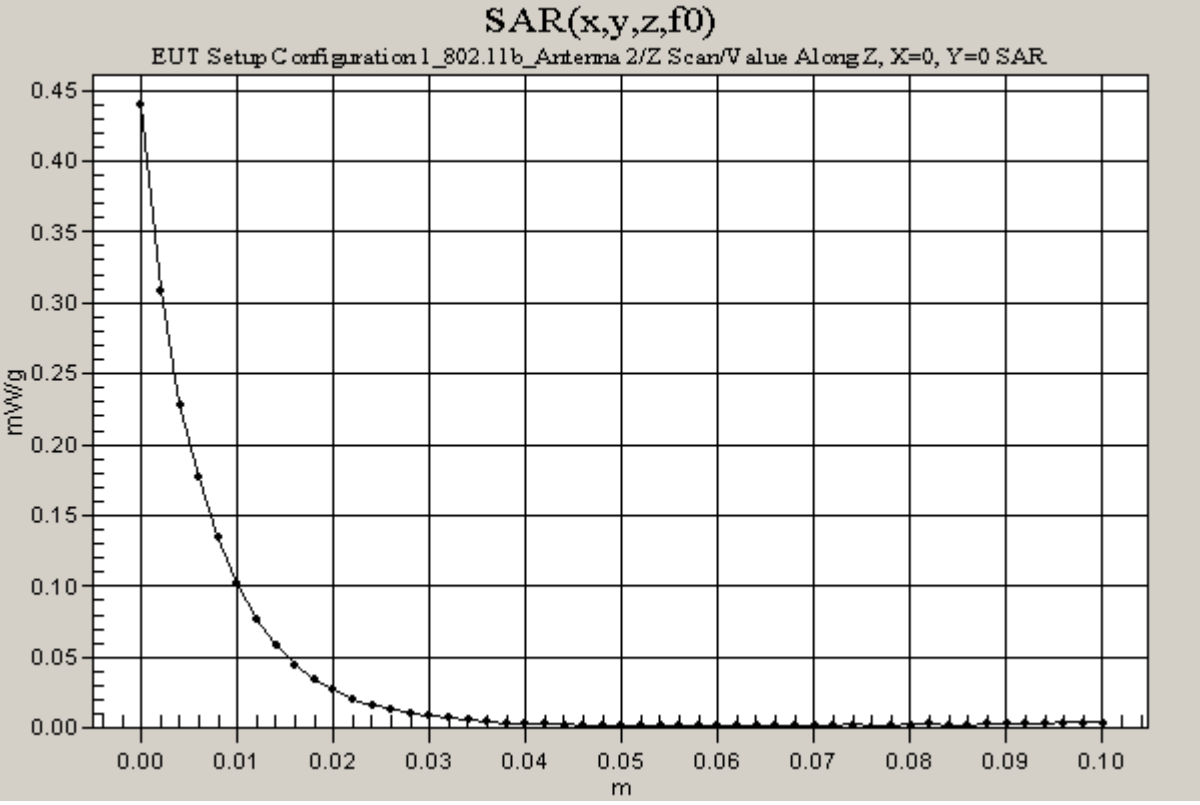
DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 1_802.11b_Antenna 2

Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 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: 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 = 2.19 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.44 mW/g



Date/Time: 10/07/03 20:37:50

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 2_Antenna 1.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_802.11b_Antenna 1
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

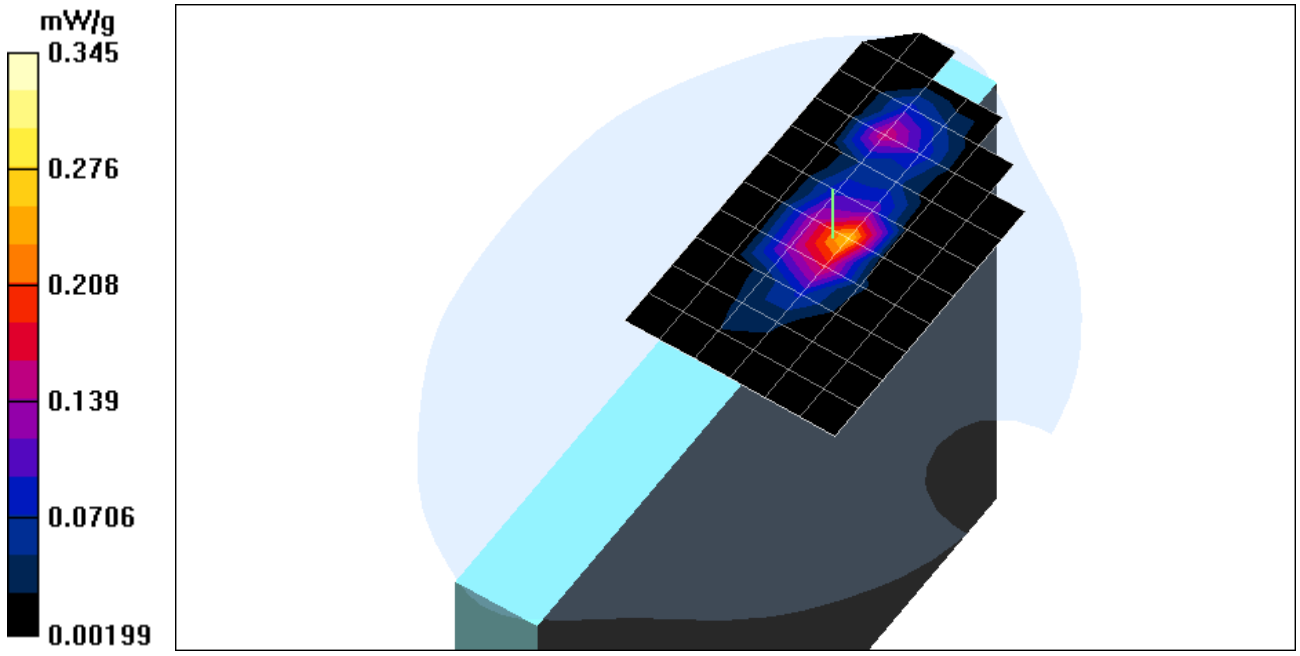
Communication System: DSSS; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:

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

Low/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.43 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.263 mW/g

Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.116 mW/g
Reference Value = 3.43 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.345 mW/g



Date/Time: 10/07/03 21:44:34

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 2_Antenna 1.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_802.11b_Antenna 1
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

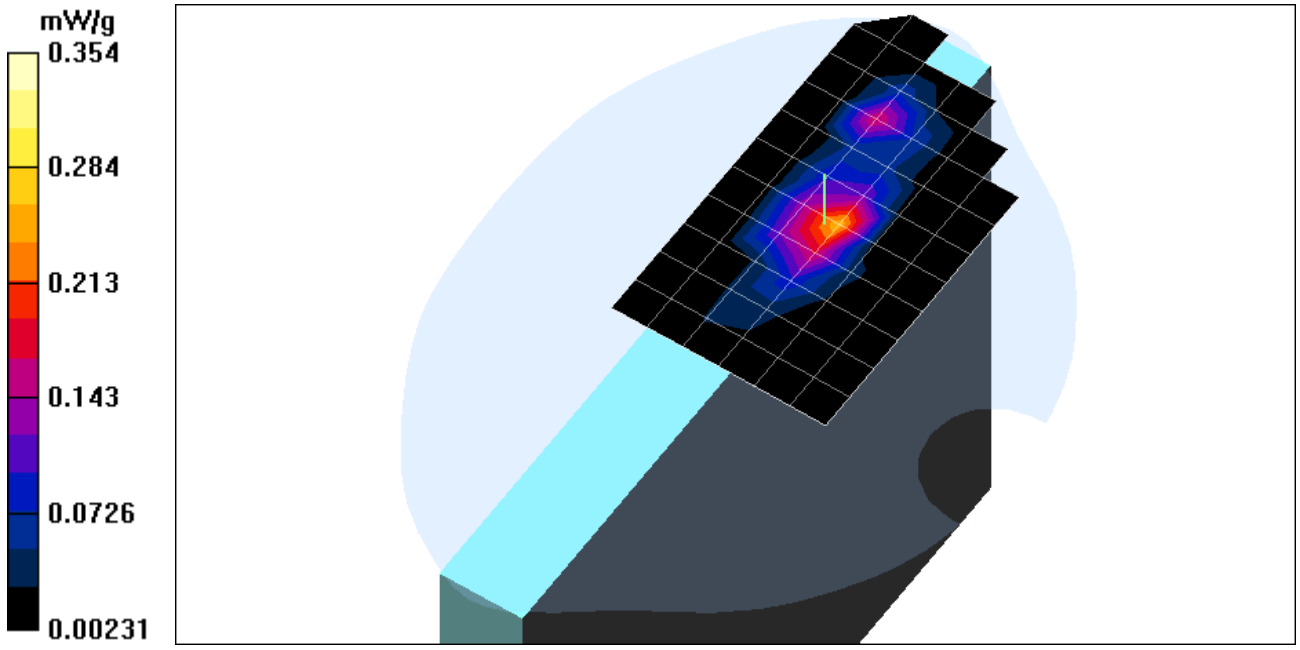
Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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

Middle/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.72 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.262 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.98 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.118 mW/g
Reference Value = 3.72 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.354 mW/g



Date/Time: 10/07/03 21:44:34

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 2_Antenna 1.da4

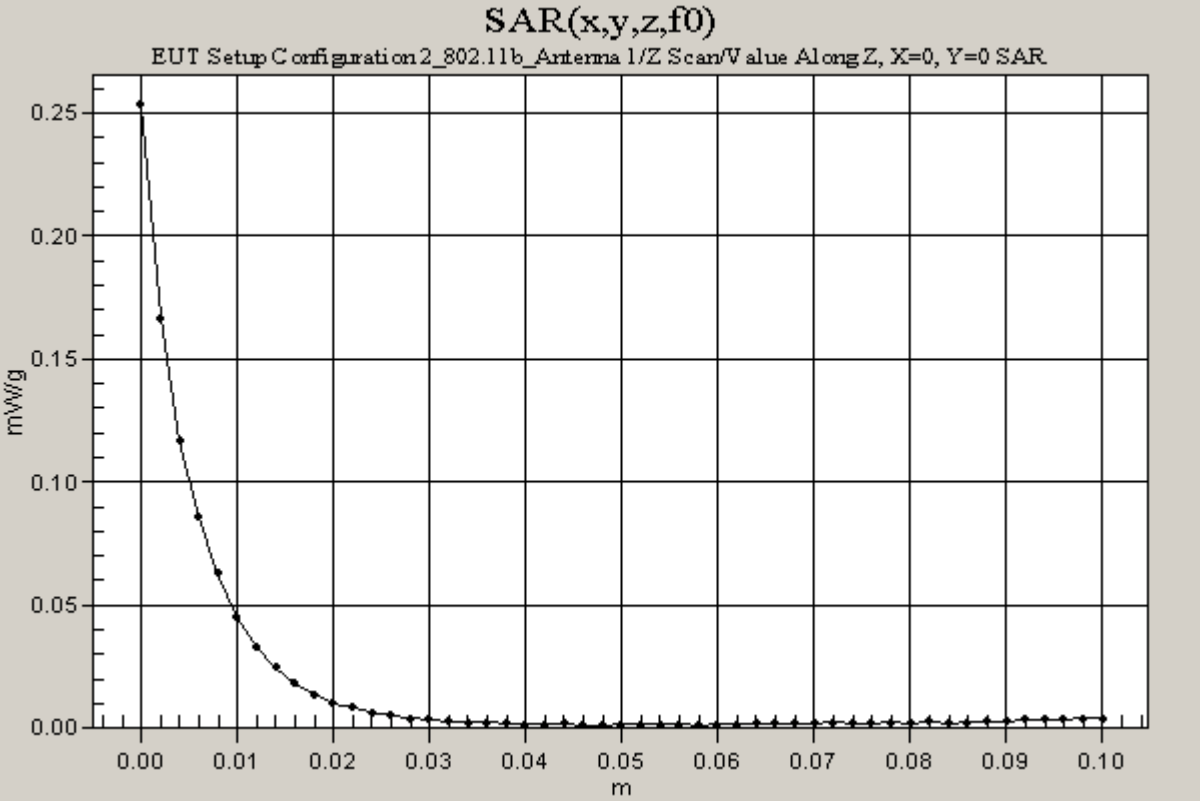
DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_802.11b_Antenna 1

Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 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: 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 = 3.72 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 0.254 mW/g



Date/Time: 10/07/03 21:04:42

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 2_Antenna 1.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 2_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 (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

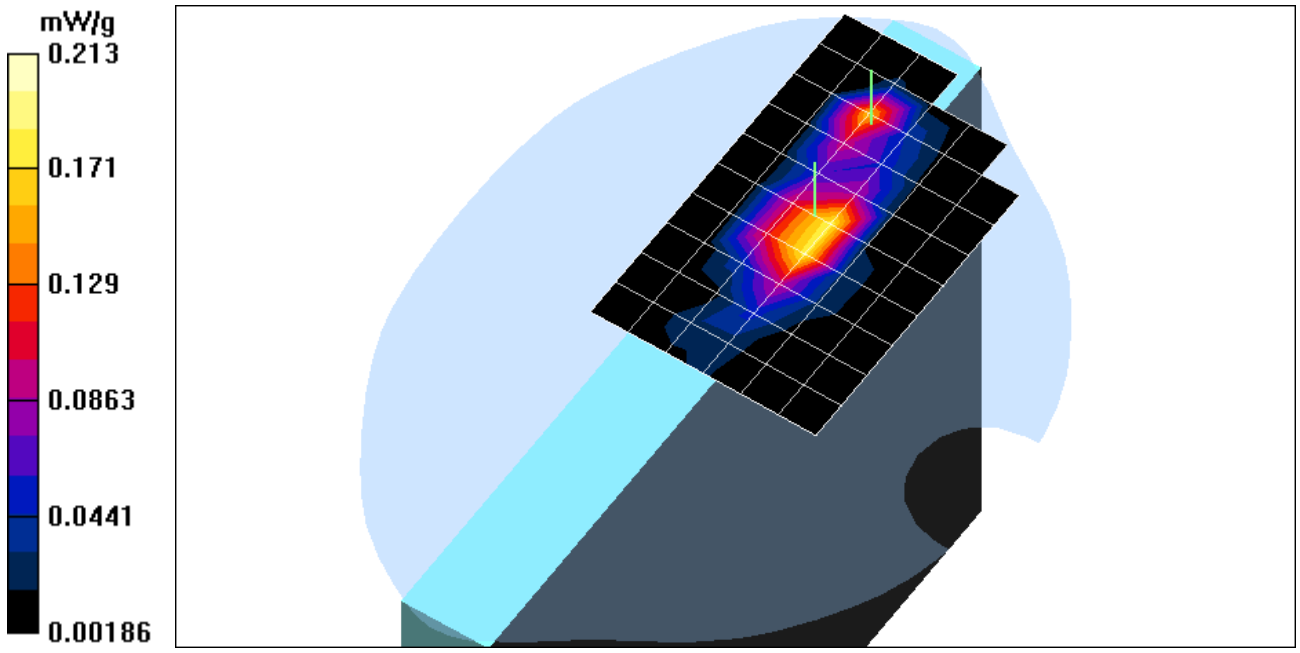
DASY4 Configuration:

- 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

Middle/Area Scan (7x11x1): 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) = 0.778 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.0969 mW/g
Reference Value = 3.57 V/m
Power Drift = 0.13 dB
Maximum value of SAR = 0.267 mW/g

Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.081 mW/g
Reference Value = 3.57 V/m
Power Drift = 0.13 dB
Maximum value of SAR = 0.213 mW/g



Date/Time: 10/07/03 22:12:42

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 3_Antenna 2.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 3_802.11b_Antenna 2
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

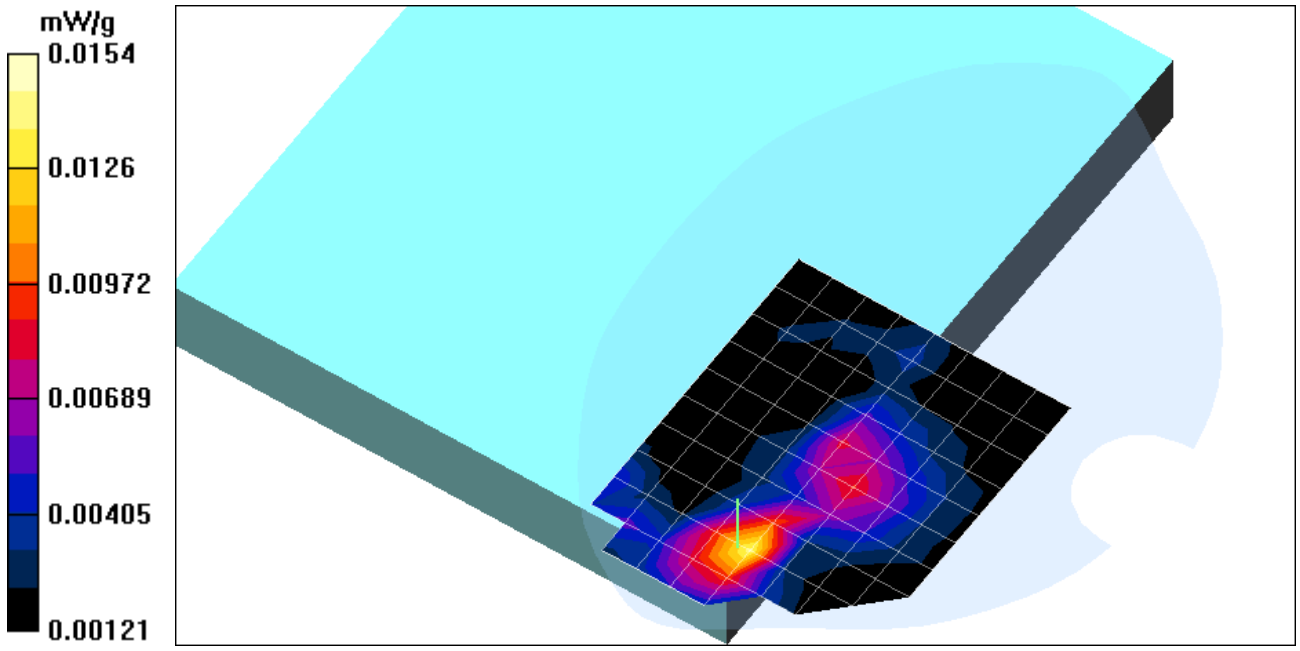
Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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

Middle/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 1.27 V/m
Power Drift = -0.13 dB
Maximum value of SAR = 0.0139 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.0324 W/kg
SAR(1 g) = 0.0151 mW/g; SAR(10 g) = 0.00789 mW/g
Reference Value = 1.27 V/m
Power Drift = -0.13 dB
Maximum value of SAR = 0.0154 mW/g



Date/Time: 10/07/03 22:12:42

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 3_Antenna 2.da4

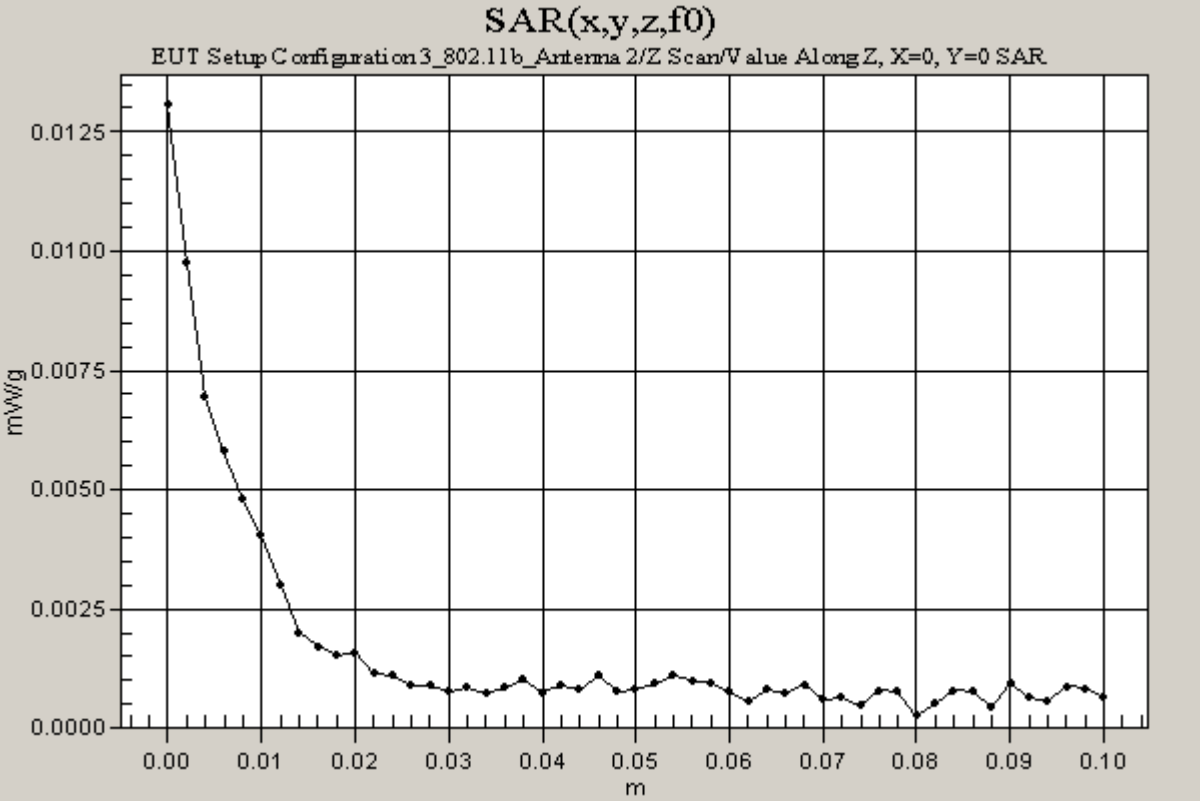
DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 3_802.11b_Antenna 2

Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 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: 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 = 1.27 V/m
Power Drift = -0.12 dB
Maximum value of SAR = 0.0131 mW/g



Date/Time: 10/07/03 22:43:26

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 4_Antenna 1.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 4_802.11b_Antenna 1
Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

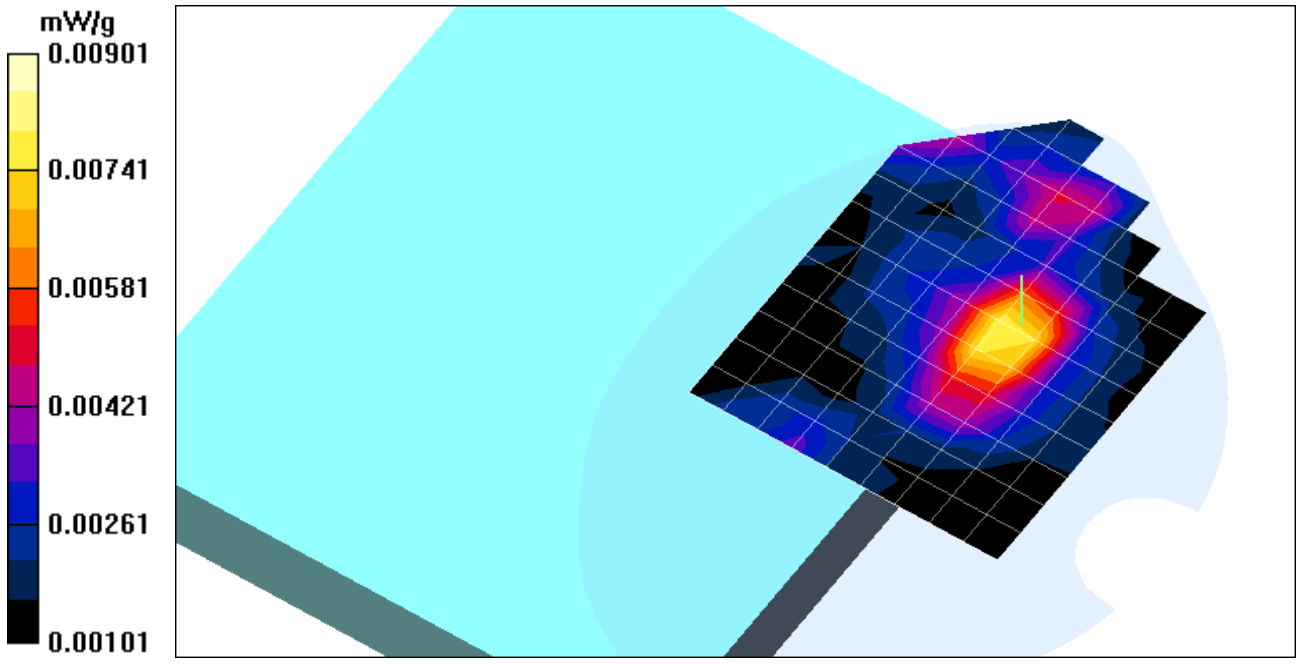
Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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

Middle/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 1.23 V/m
Power Drift = -0.16 dB
Maximum value of SAR = 0.00791 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.0214 W/kg
SAR(1 g) = 0.00911 mW/g; SAR(10 g) = 0.00532 mW/g
Reference Value = 1.23 V/m
Power Drift = -0.16 dB
Maximum value of SAR = 0.00901 mW/g



Date/Time: 10/07/03 22:43:26

Test Laboratory: Compliance Certification Services
File Name: EUT Setup Configuration 4_Antenna 1.da4

DUT: Toshiba; Type: PA3272U-1MPC; Serial: N/A
Program: EUT Setup Configuration 4_802.11b_Antenna 1

Communication System: DSSS; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: Muscle 2450 MHz (σ = 1.9587 mho/m, ε_r = 52.5048, ρ = 1000 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: 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 = 1.23 V/m
Power Drift = -0.11 dB
Maximum value of SAR = 0.00655 mW/g