Date/Time: 02/26/04 18:06:41

Test Laboratory: Compliance Certification Services

1_EUT Setup Configuration 1 - Antenna type: HTL017 (B Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

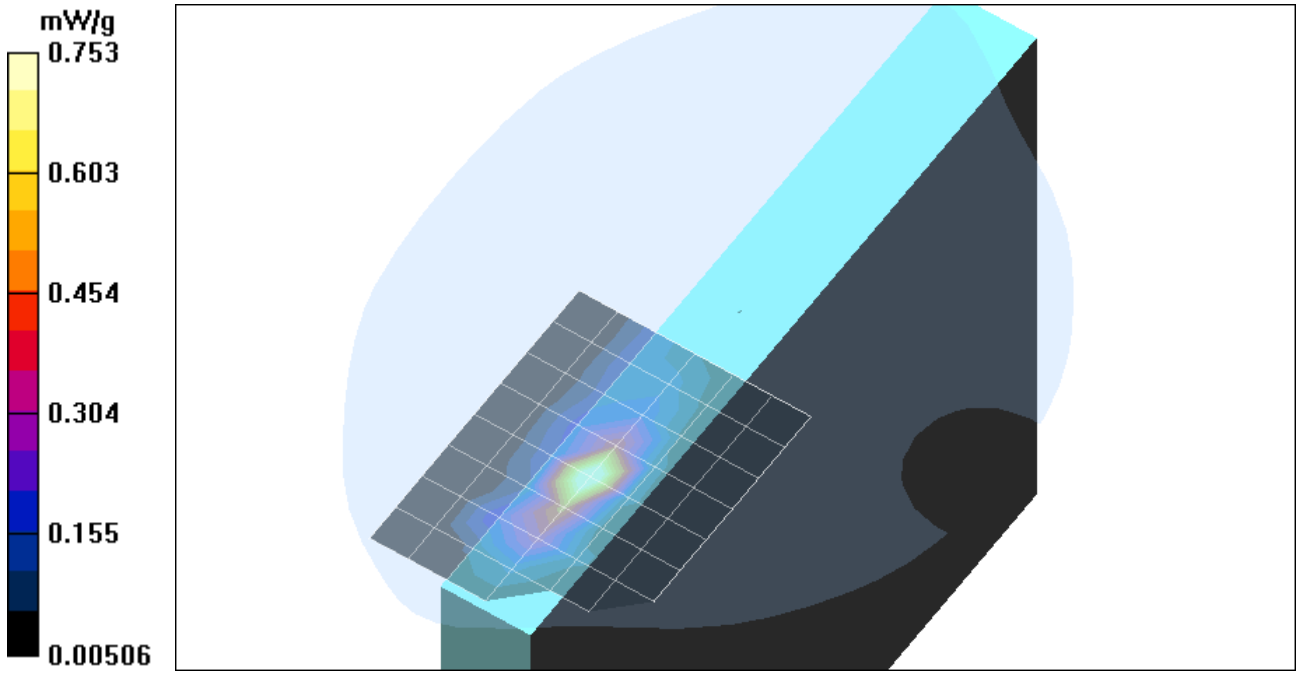
Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.97 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

Low/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.85 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.886 mW/g

Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.280 mW/g
Reference Value = 3.85 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.753 mW/g



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Test Laboratory: Compliance Certification Services

1_EUT Setup Configuration 1 - Antenna type: HTL017 (B Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

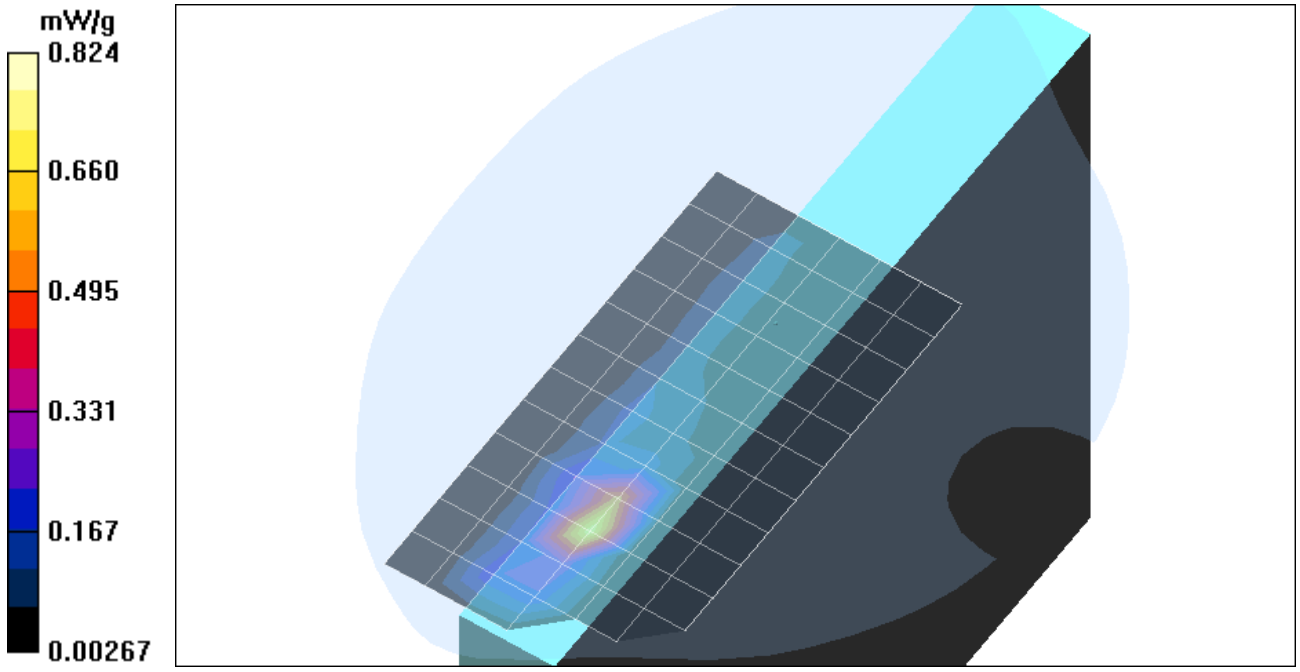
Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

Middle/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.9 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.712 mW/g

Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.6 W/kg
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.288 mW/g
Reference Value = 3.9 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.824 mW/g



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Test Laboratory: Compliance Certification Services

1_EUT Setup Configuration 1 - Antenna type: HTL017 (B Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

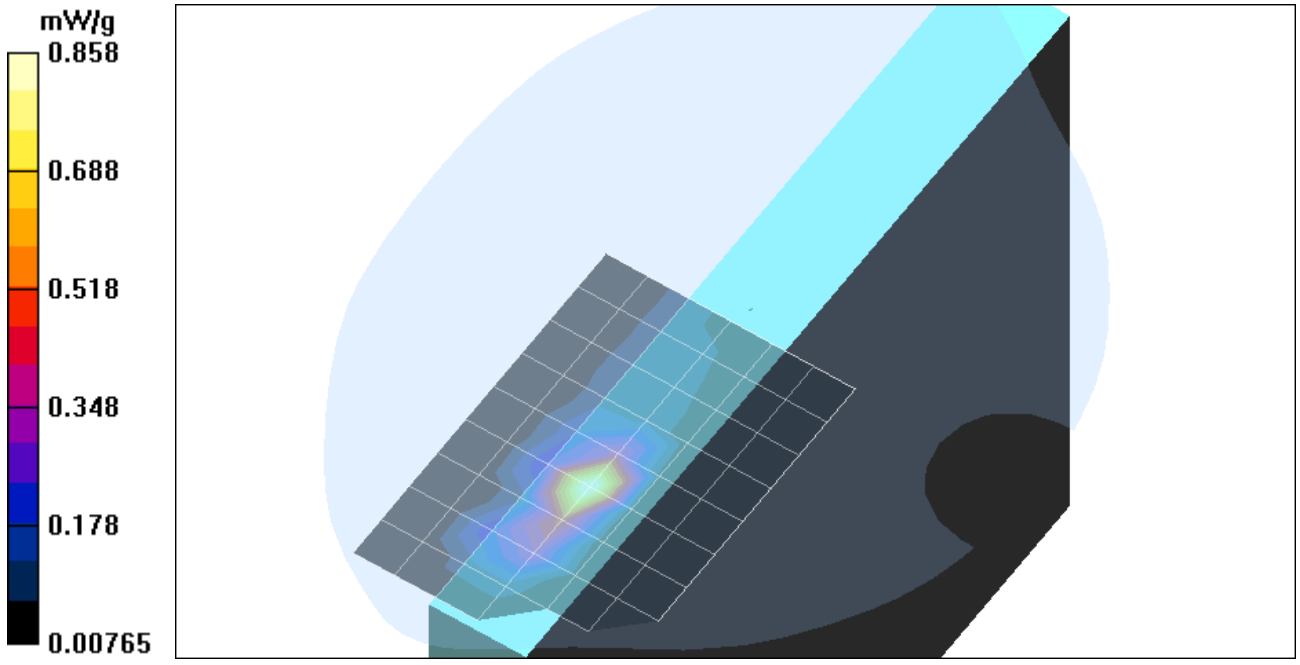
Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

Co-location; Middle/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.36 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.936 mW/g

Co-location; Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.319 mW/g
Reference Value = 4.36 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.858 mW/g



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Test Laboratory: Compliance Certification Services

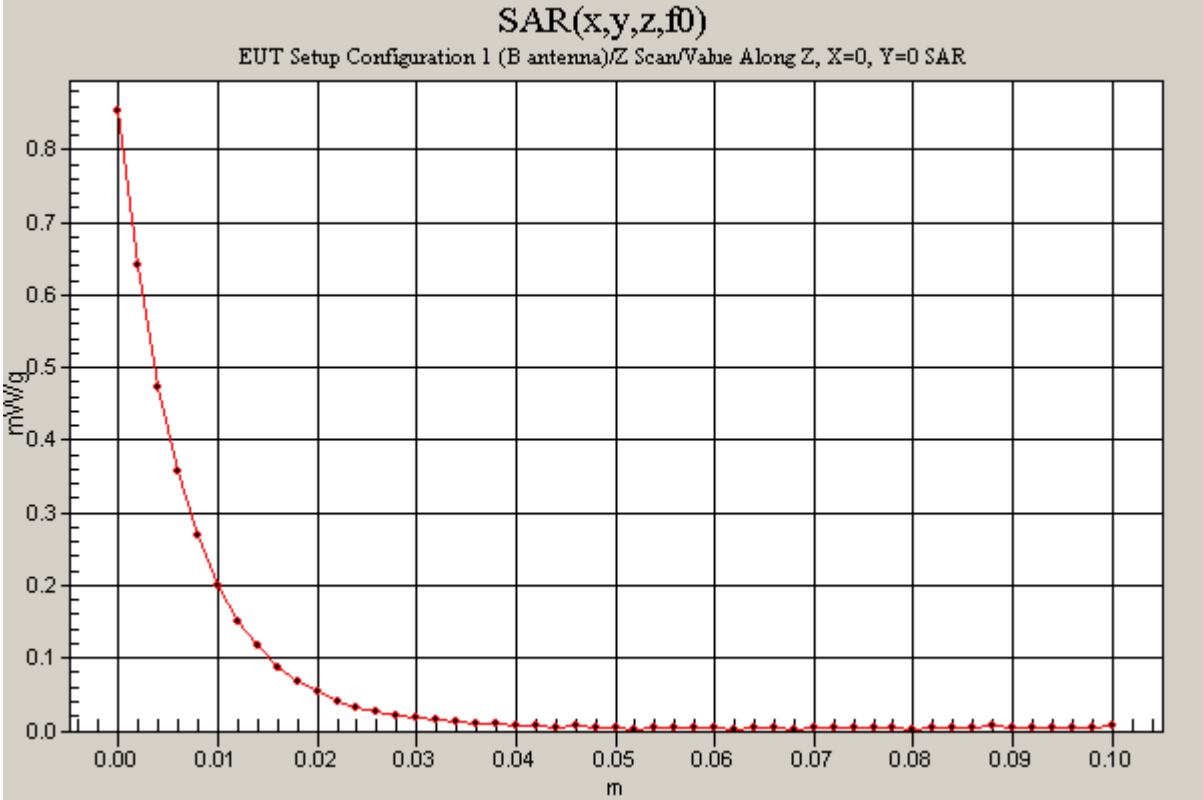
1_EUT Setup Configuration 1 - Antenna type: HTL017 (B Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

Co-location; Middle/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 4.36 V/m
Power Drift = 0.13 dB
Maximum value of SAR = 0.854 mW/g



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Test Laboratory: Compliance Certification Services

1_EUT Setup Configuration 1 - Antenna type: HTL017 (B Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

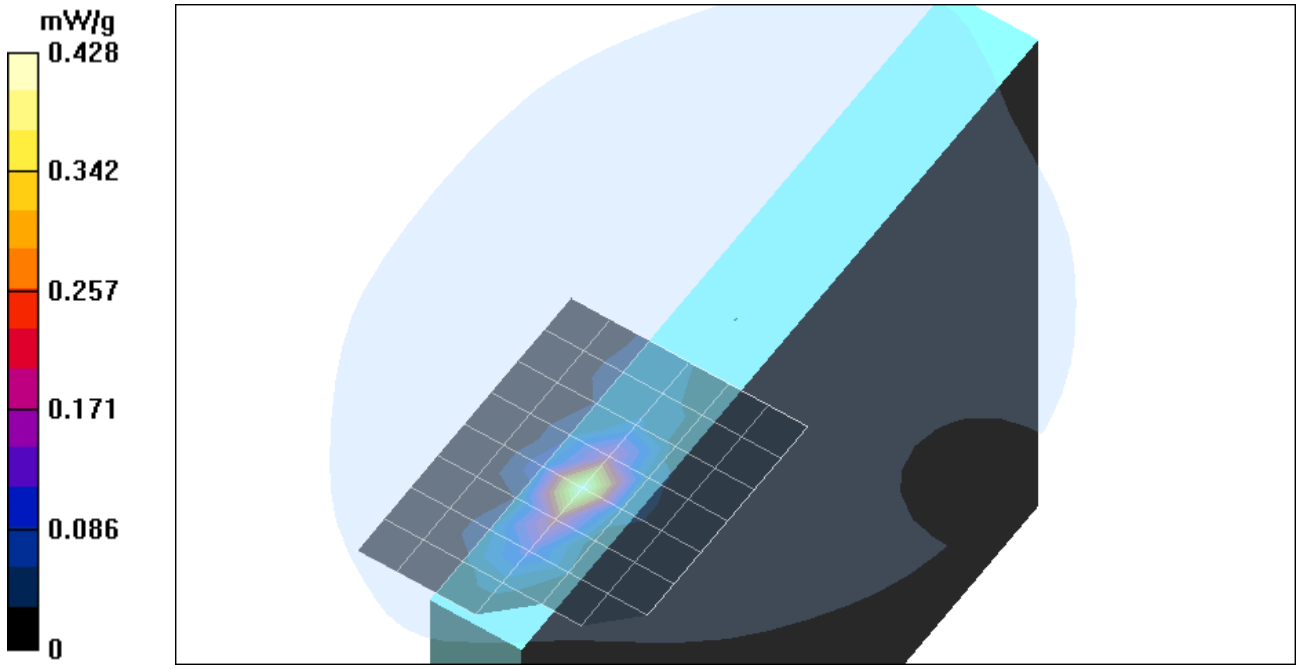
Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.04 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

High/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.18 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.428 mW/g

High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.157 mW/g
Reference Value = 3.18 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.404 mW/g



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Test Laboratory: Compliance Certification Services

2_EUT Setup Configuration 2 - Antenna type: HTL017 (A Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

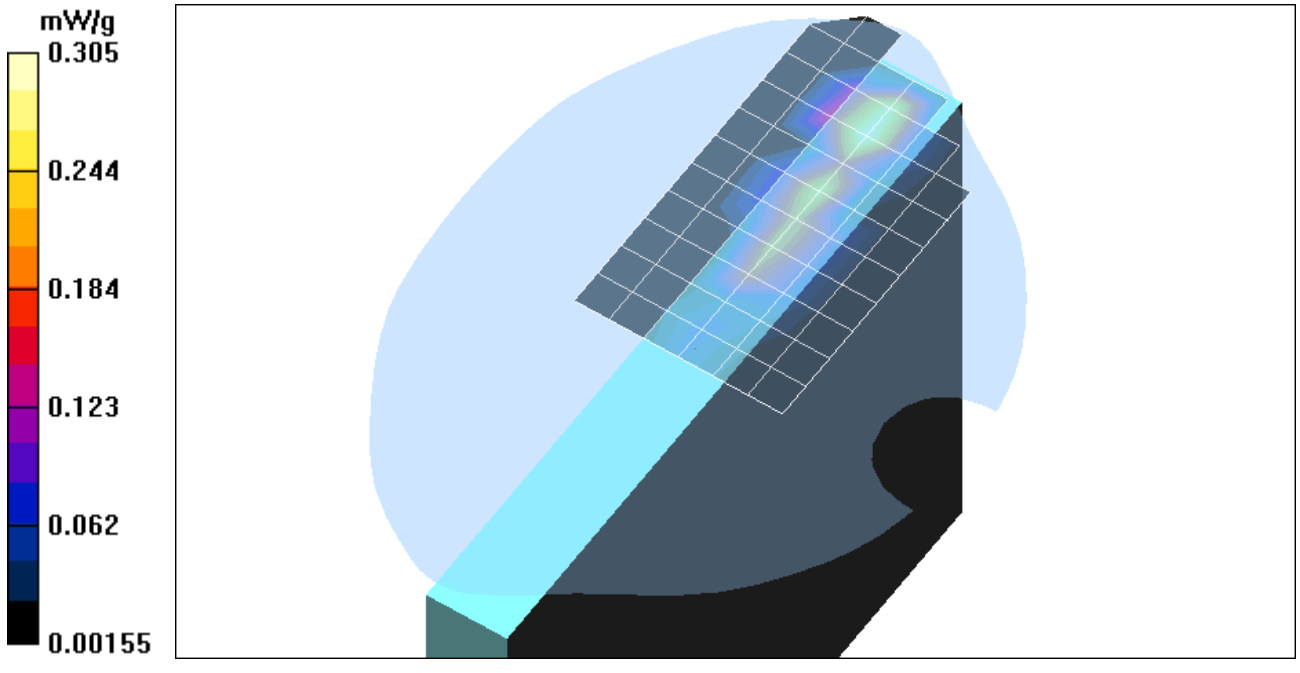
Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

Middle/Area Scan (7x12x1): 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) = 0.649 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.161 mW/g
Reference Value = 5.63 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.379 mW/g

Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.114 mW/g
Reference Value = 5.63 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.305 mW/g



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Test Laboratory: Compliance Certification Services

3_EUT Setup Configuration 3 - Antenna type: HTL017 (B Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

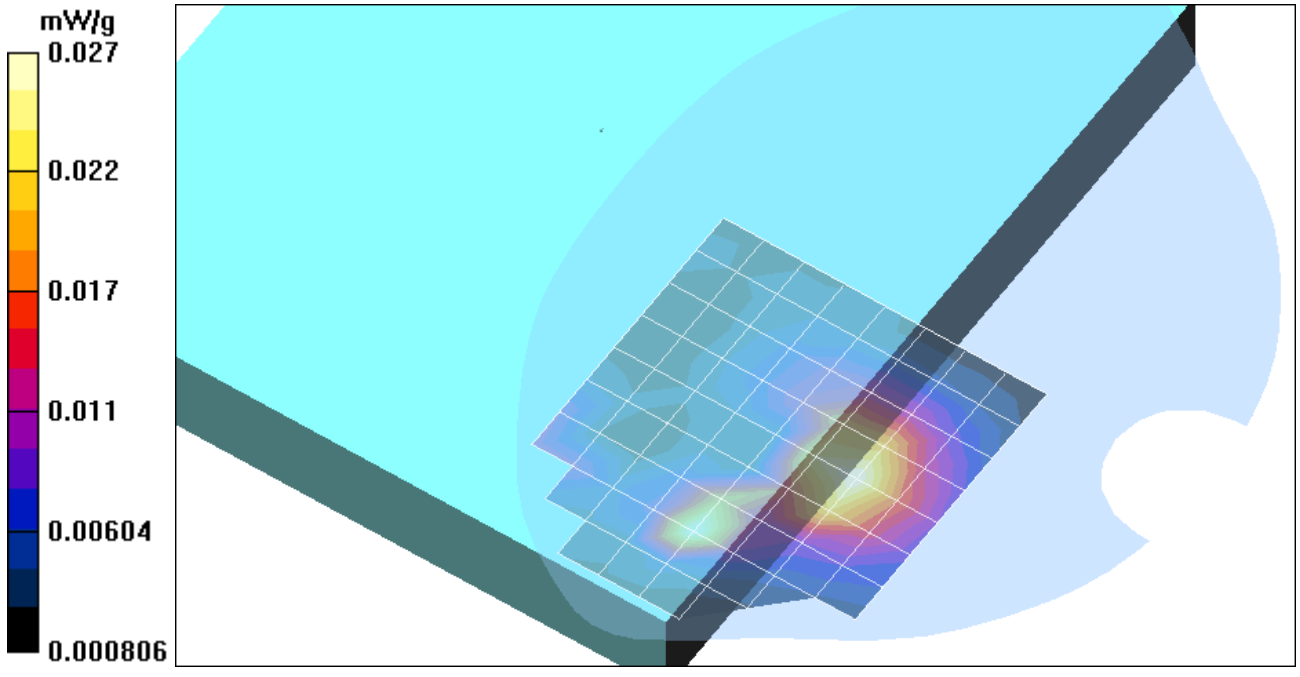
Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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) = 0.055 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.012 mW/g
Reference Value = 1.13 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.029 mW/g

Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.016 mW/g
Reference Value = 1.13 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.027 mW/g



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Test Laboratory: Compliance Certification Services

4_EUT Setup Configuration 4 - Antenna type: HTL017 (A Antenna)

DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A

Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C
Communication System: 802.11bg; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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) = 0.034 W/kg
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00964 mW/g
Reference Value = 1.61 V/m
Power Drift = 0.17 dB
Maximum value of SAR = 0.017 mW/g
Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00849 mW/g; SAR(10 g) = 0.00603 mW/g
Reference Value = 1.61 V/m
Power Drift = 0.17 dB
Maximum value of SAR = 0.012 mW/g