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 = 3.05 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.384 mW/g

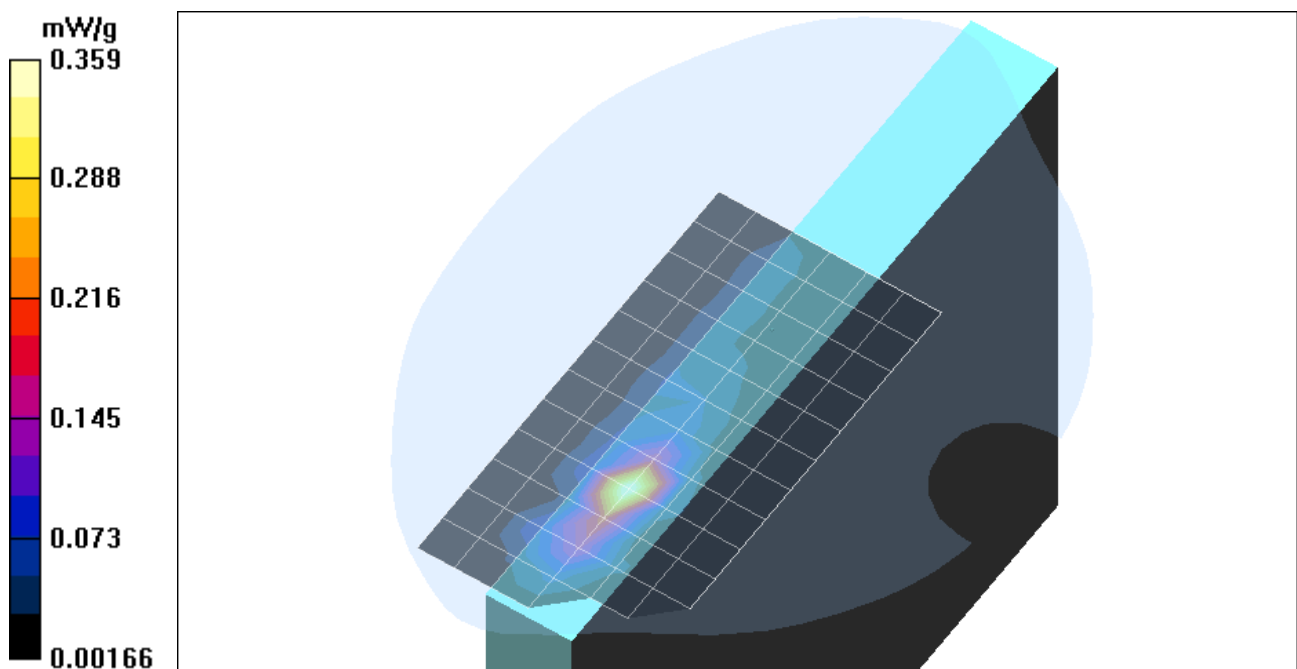**Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.135 mW/g
Reference Value = 3.05 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.359 mW/g

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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

Turbo mode: Middle/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.03 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.692 mW/g

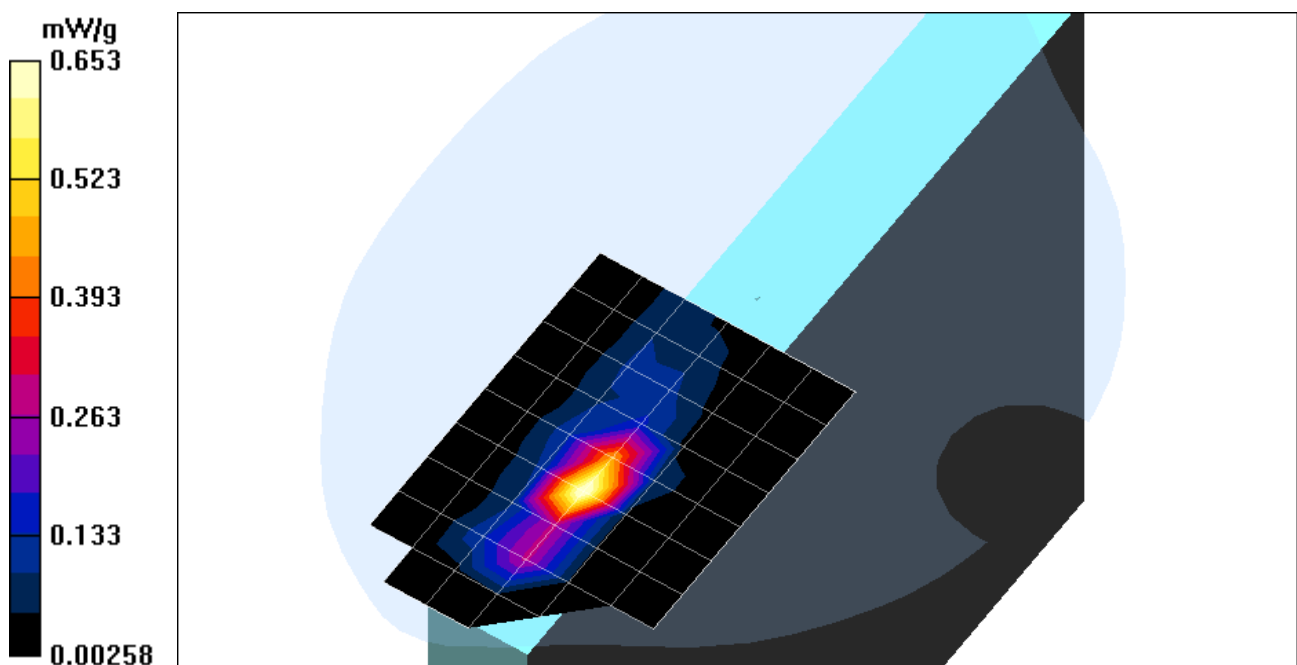**Turbo mode: Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.247 mW/g
Reference Value = 4.03 V/m
Power Drift = 0.16 dB
Maximum value of SAR = 0.653 mW/g

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

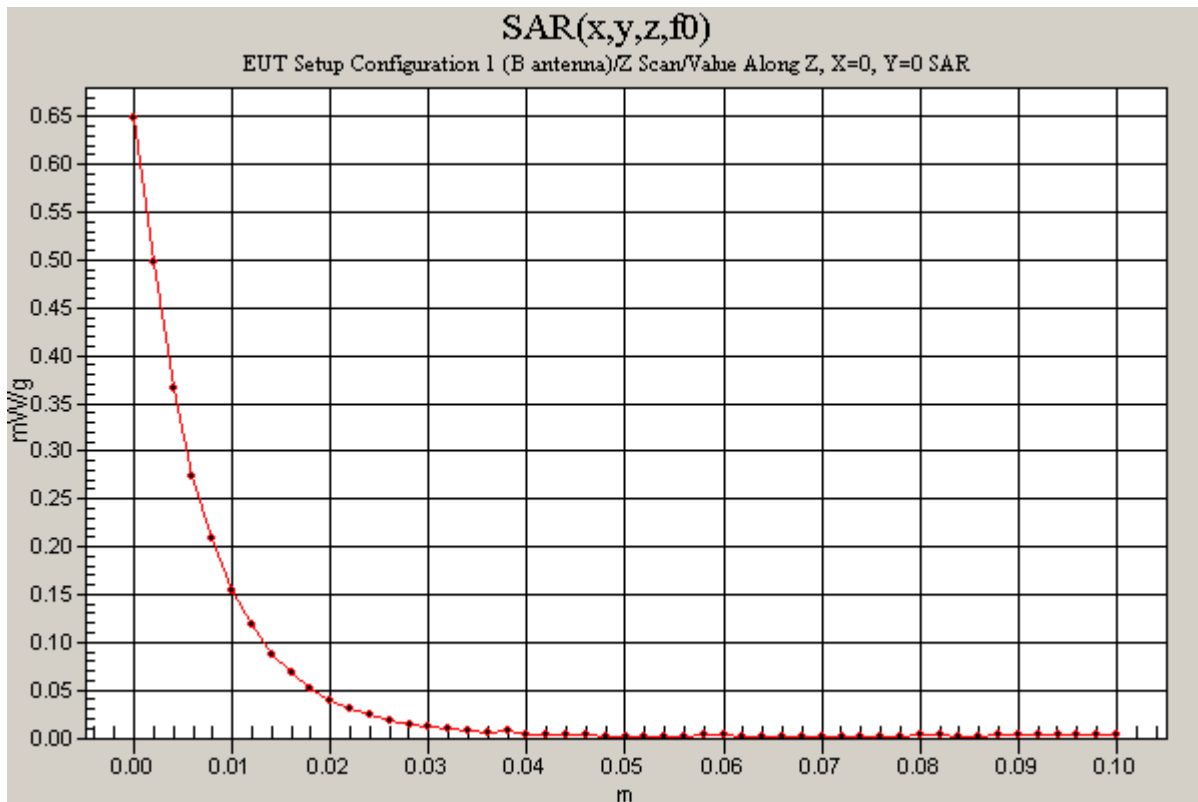**DUT: Toshiba; Type: PA3374U-1MPC; Serial: N/A**

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

Turbo mode: Middle/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 4.03 V/m
Power Drift = 0.15 dB
Maximum value of SAR = 0.649 mW/g

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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) = 0.288 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.070 mW/g
Reference Value = 3.48 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.174 mW/g

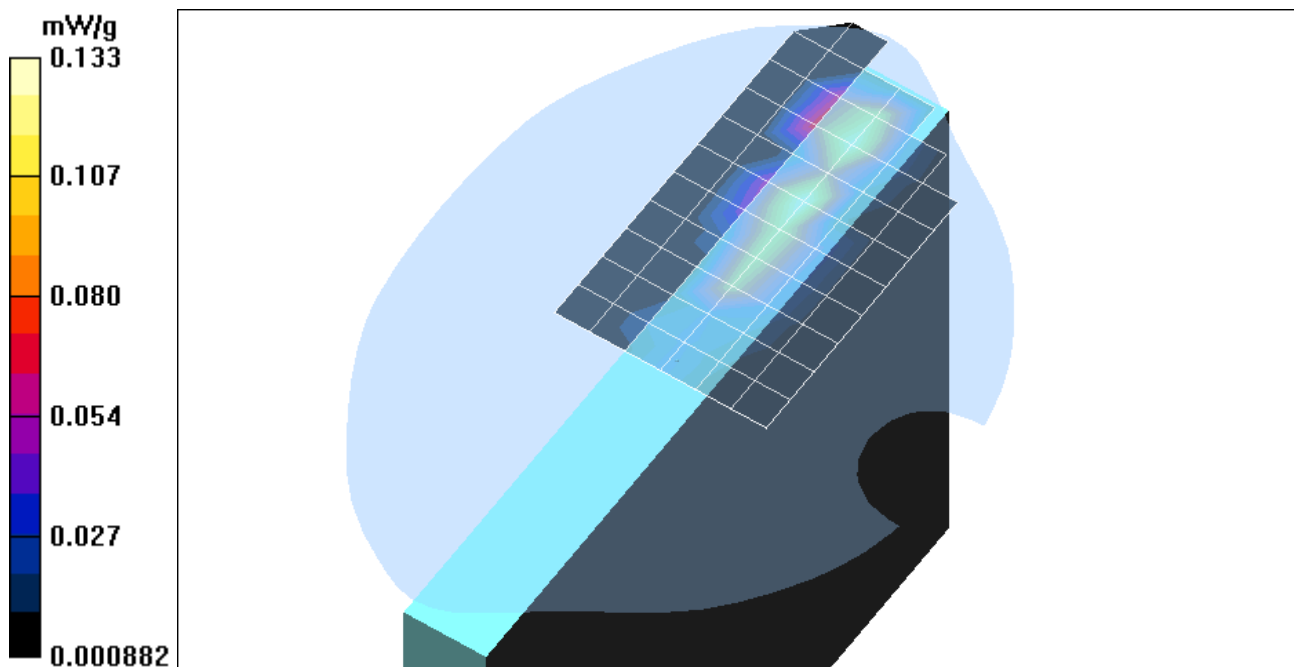**Middle/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.050 mW/g
Reference Value = 3.48 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.133 mW/g

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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

Turbo mode; Middle/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Turbo mode; Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.129 mW/g
Reference Value = 4.52 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.313 mW/g

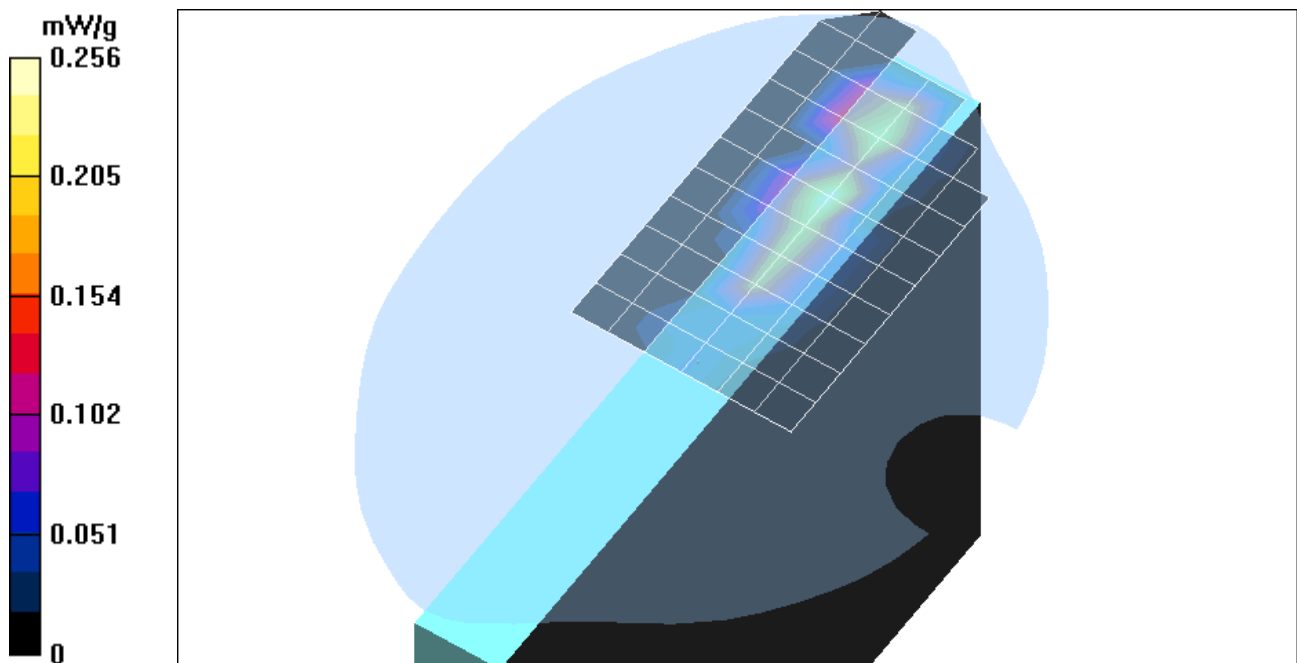**Turbo mode; Middle/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.093 mW/g
Reference Value = 4.52 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.236 mW/g

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

Turbo Mode; Middle/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Turbo Mode; Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.035 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g
Reference Value = 0.920 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.021 mW/g

Turbo Mode; Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
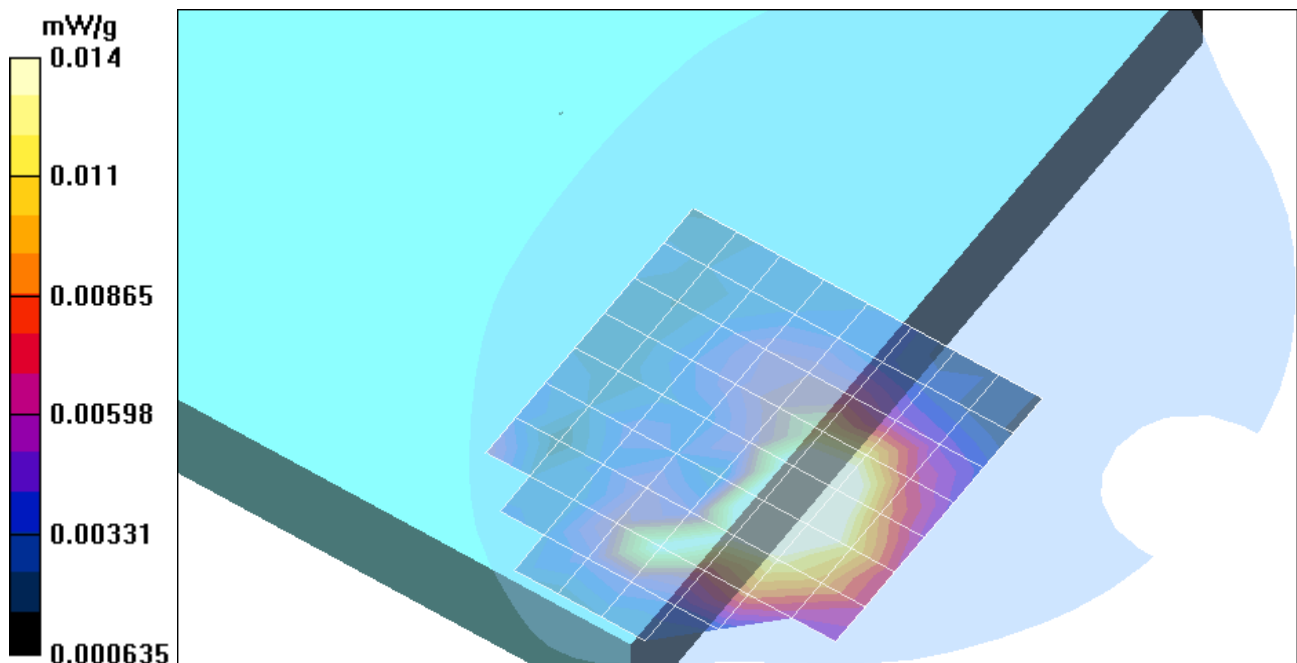Peak SAR (extrapolated) = 0.030 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00691 mW/g
Reference Value = 0.920 V/m
Power Drift = 0.12 dB
Maximum value of SAR = 0.014 mW/g

Test Laboratory: Compliance Certification Services

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

DUT: Toshiba; Type: PA3297U-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

Turbo Mode; Middle/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Turbo Mode; Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.020 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00703 mW/g
Reference Value = 1.65 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.013 mW/g
Turbo Mode; Middle/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.017 W/kg
SAR(1 g) = 0.0084 mW/g; SAR(10 g) = 0.0054 mW/g
Reference Value = 1.65 V/m
Power Drift = 0.14 dB
Maximum value of SAR = 0.00904 mW/g