

Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 1_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.5 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.301 mW/g

Middle/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

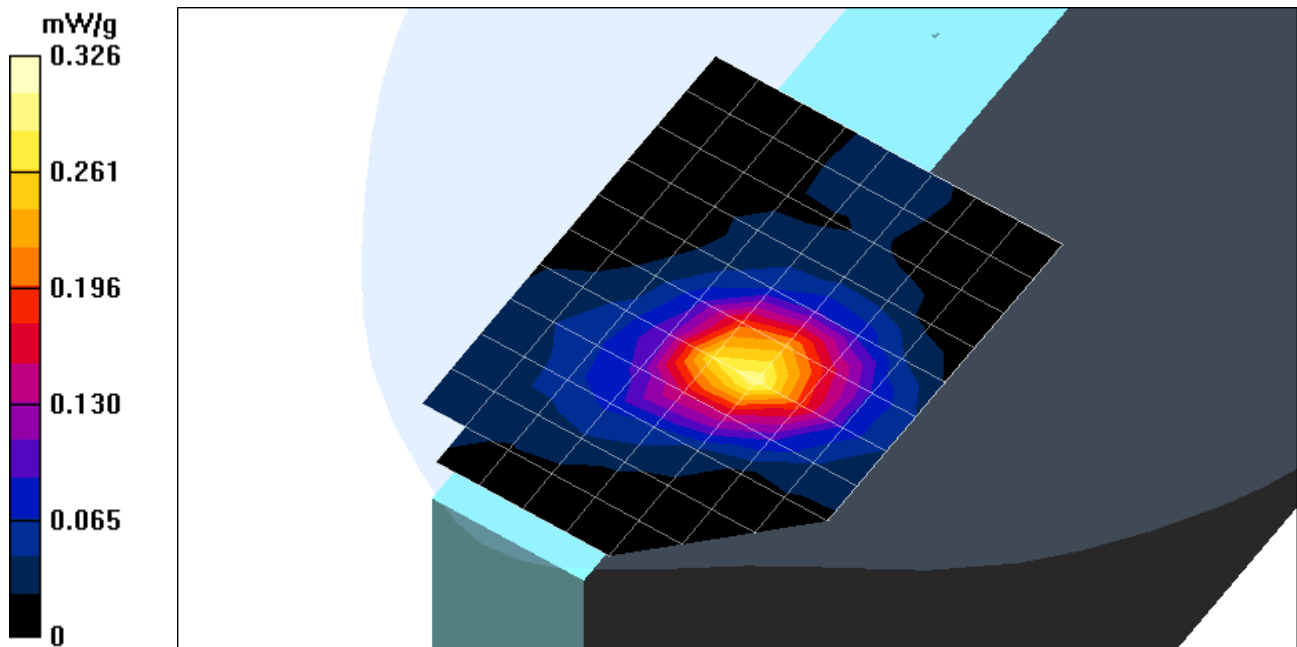
Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.097 mW/g

Reference Value = 1.5 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.326 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 1_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle-Turbo mode 2/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.51 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 0.328 mW/g

Middle-Turbo mode 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

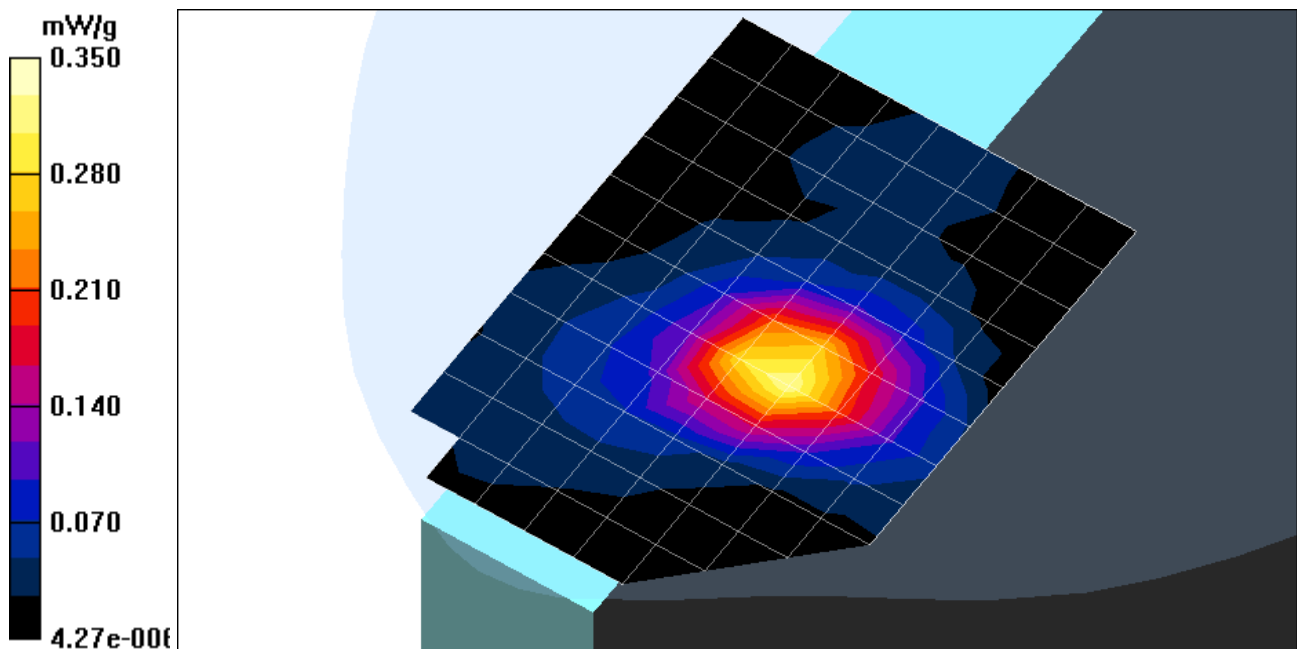
Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.105 mW/g

Reference Value = 1.51 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 0.350 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

DASY4 Configuration:

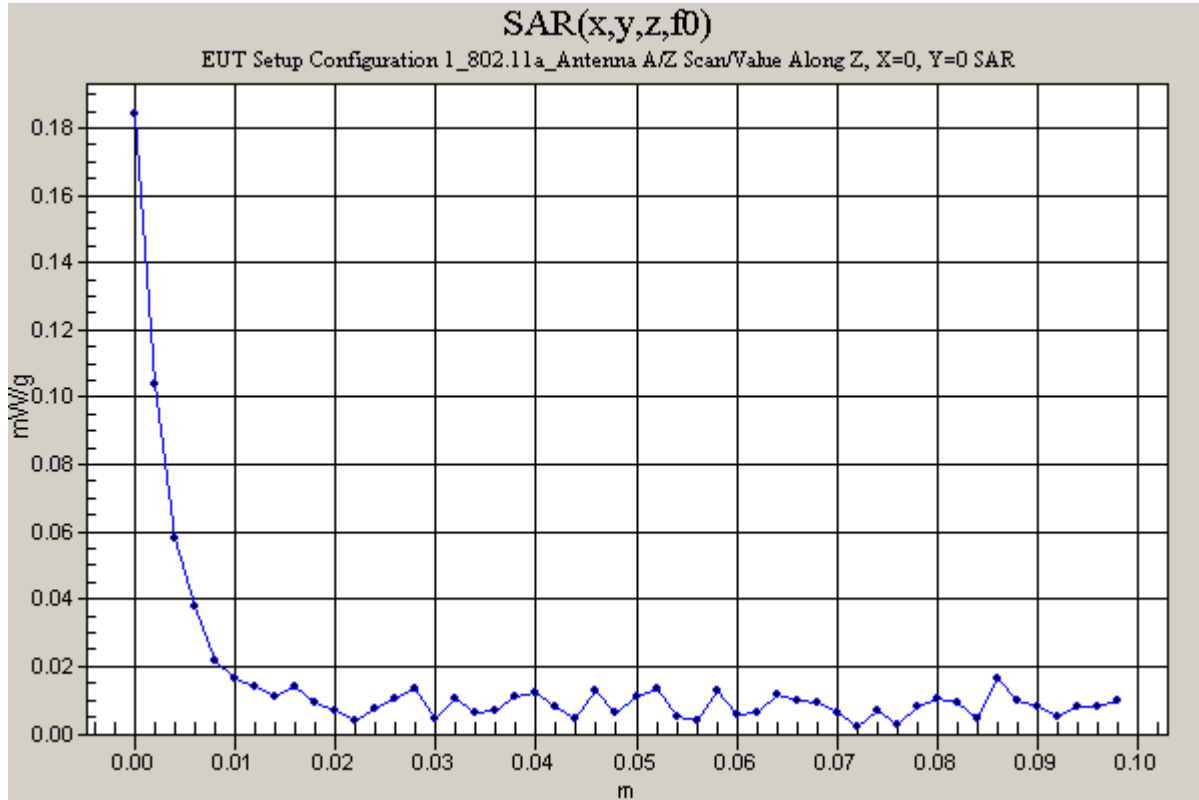
- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 1.51 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.184 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 1_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: M5800MHz ($\sigma = 6.2855$ mho/m, $\epsilon_r = 47.3893$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.71 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.204 mW/g

Middle/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

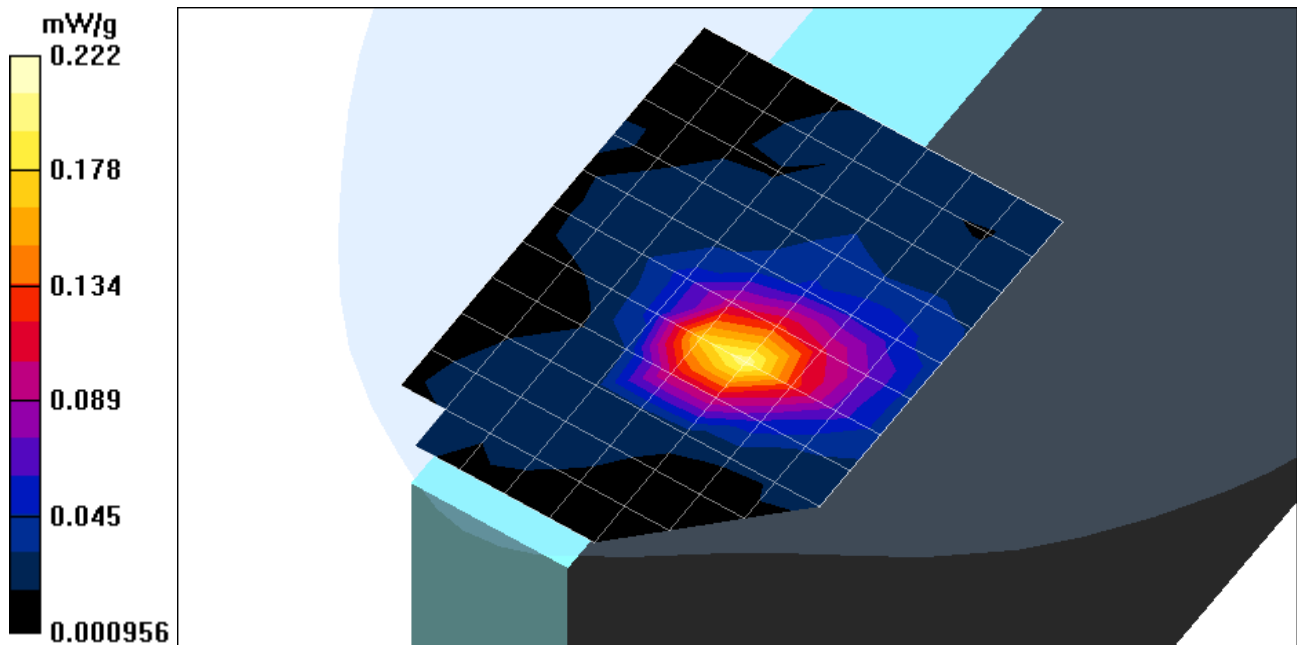
Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.072 mW/g

Reference Value = 1.71 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 0.222 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

DASY4 Configuration:

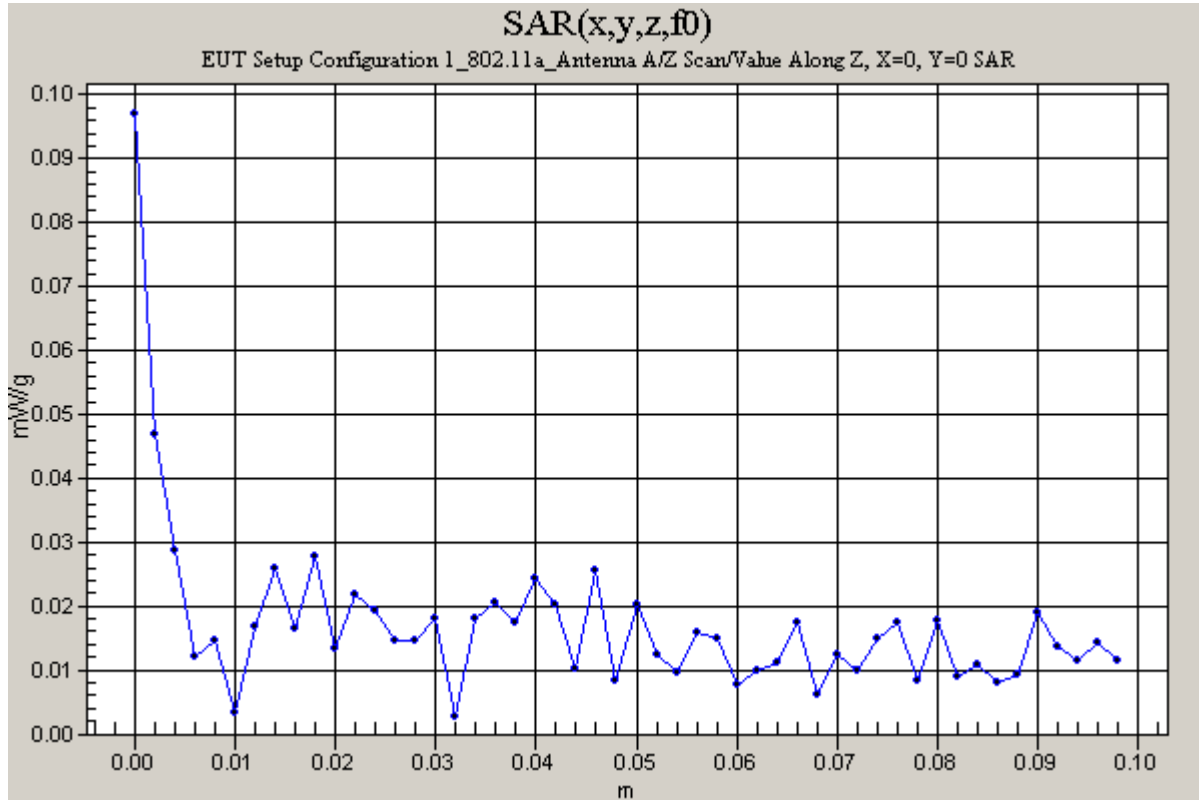
- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 1.71 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.097 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 1_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: M5800MHz ($\sigma = 6.2855$ mho/m, $\epsilon_r = 47.3893$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Turbo mode/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.56 V/m

Power Drift = 0.18 dB

Maximum value of SAR = 0.181 mW/g

Turbo mode/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

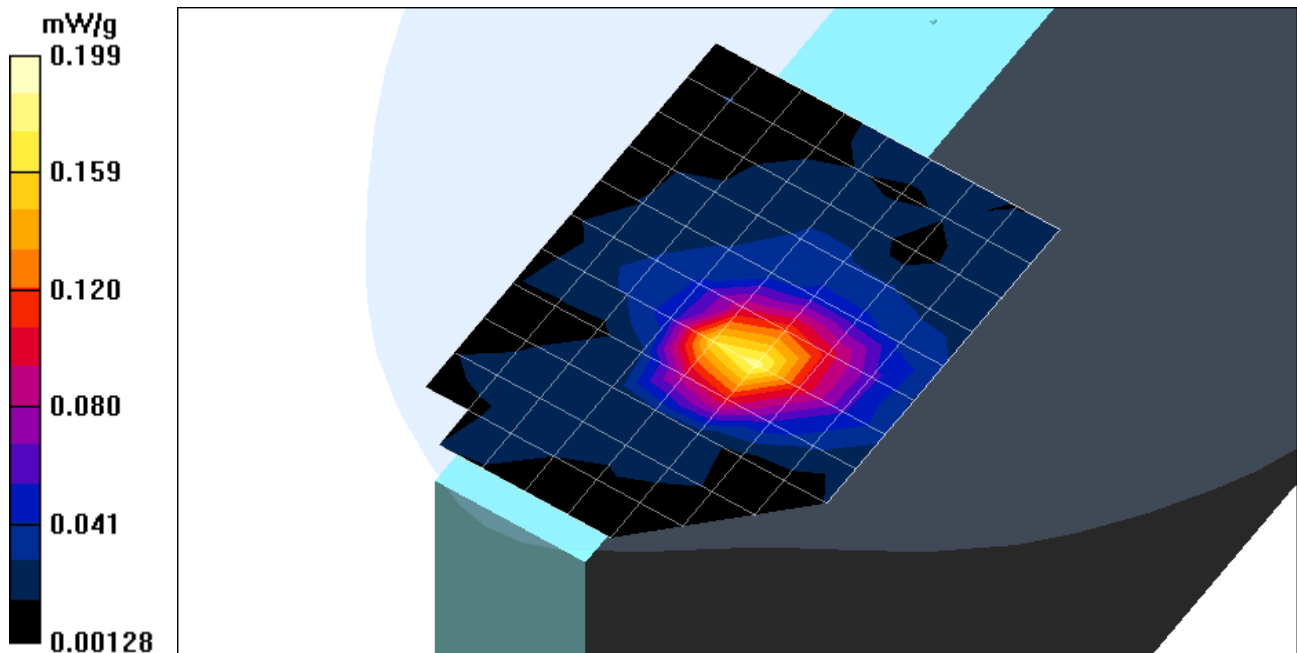
Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.066 mW/g

Reference Value = 1.56 V/m

Power Drift = 0.18 dB

Maximum value of SAR = 0.199 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 1_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Co-location, Middle-Turbo mode/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.55 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.341 mW/g

Co-location, Middle-Turbo mode/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

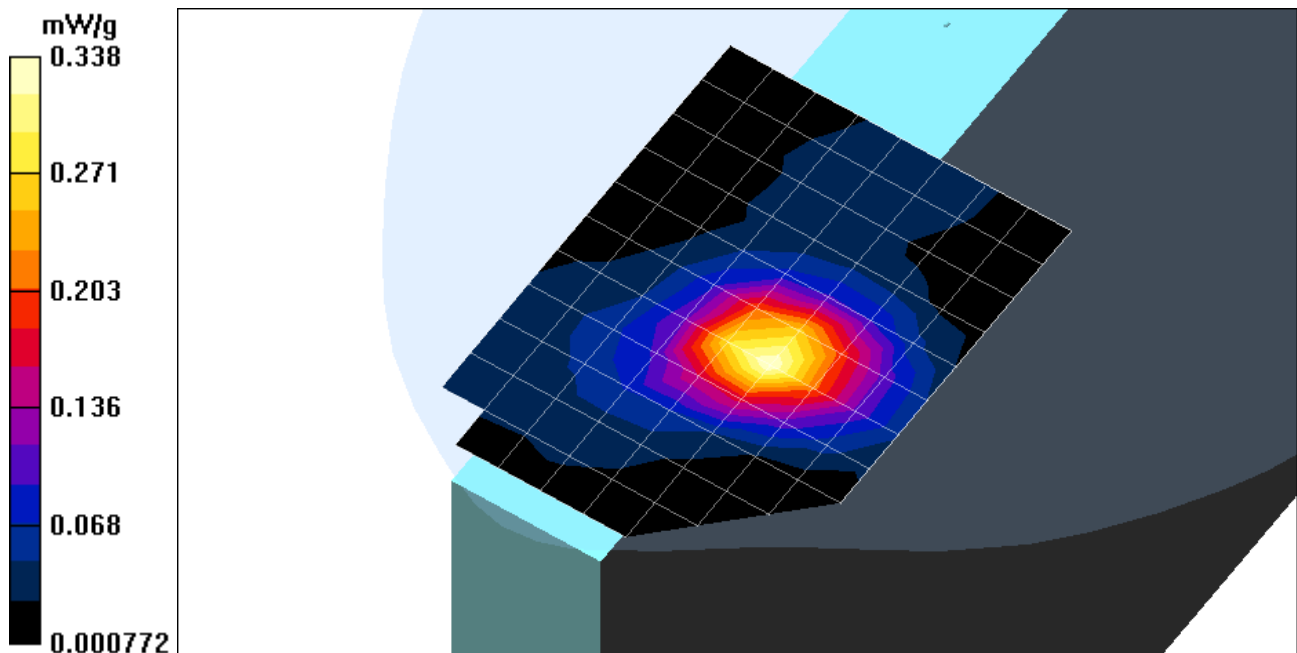
Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.101 mW/g

Reference Value = 1.55 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.338 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

DASY4 Configuration:

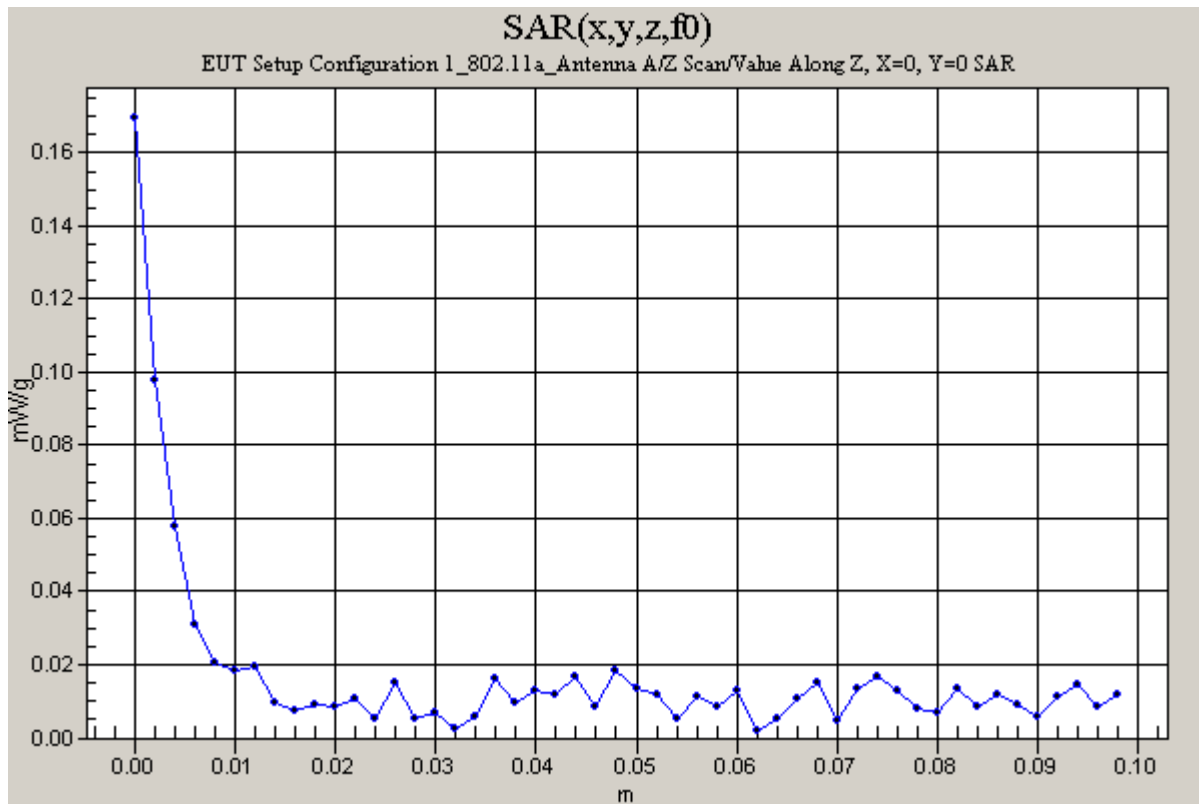
- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 1.55 V/m

Power Drift = 0.19 dB

Maximum value of SAR = 0.170 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 1_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 1_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: M5800MHz ($\sigma = 6.2855$ mho/m, $\epsilon_r = 47.3893$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Co-location, Middle-Turbo mode/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.57 V/m

Power Drift = 0.11 dB

Maximum value of SAR = 0.202 mW/g

Co-location, Middle-Turbo mode/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

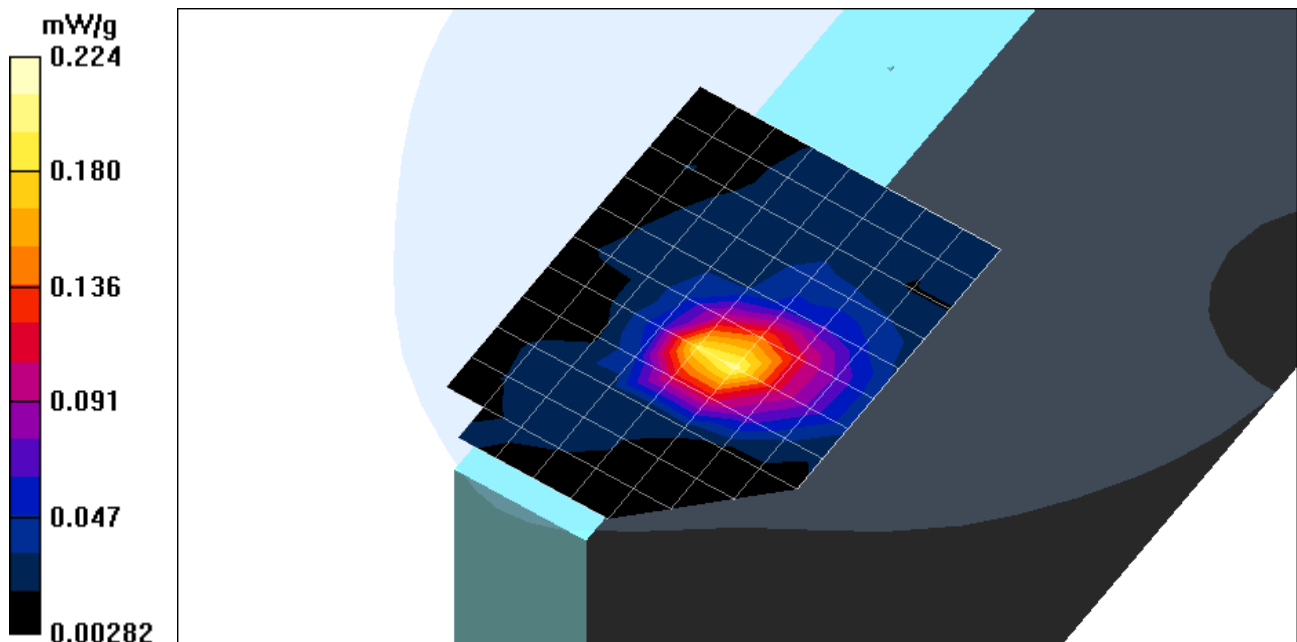
Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.070 mW/g

Reference Value = 1.57 V/m

Power Drift = 0.11 dB

Maximum value of SAR = 0.224 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 2_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 2_802.11a_Antenna B

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.62 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.271 mW/g

Middle/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

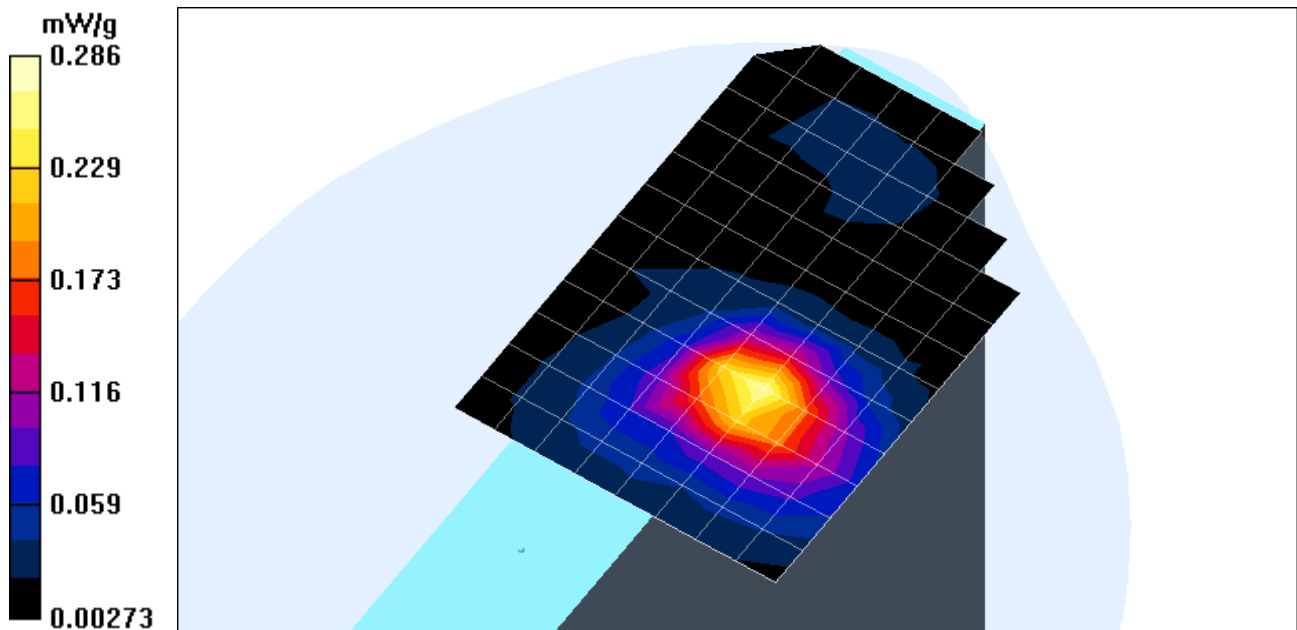
Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.089 mW/g

Reference Value = 1.62 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.286 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 2_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 2_802.11a_Antenna B

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle-Turbo mode/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.62 V/m

Power Drift = 0.17 dB

Maximum value of SAR = 0.294 mW/g

Middle-Turbo mode/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

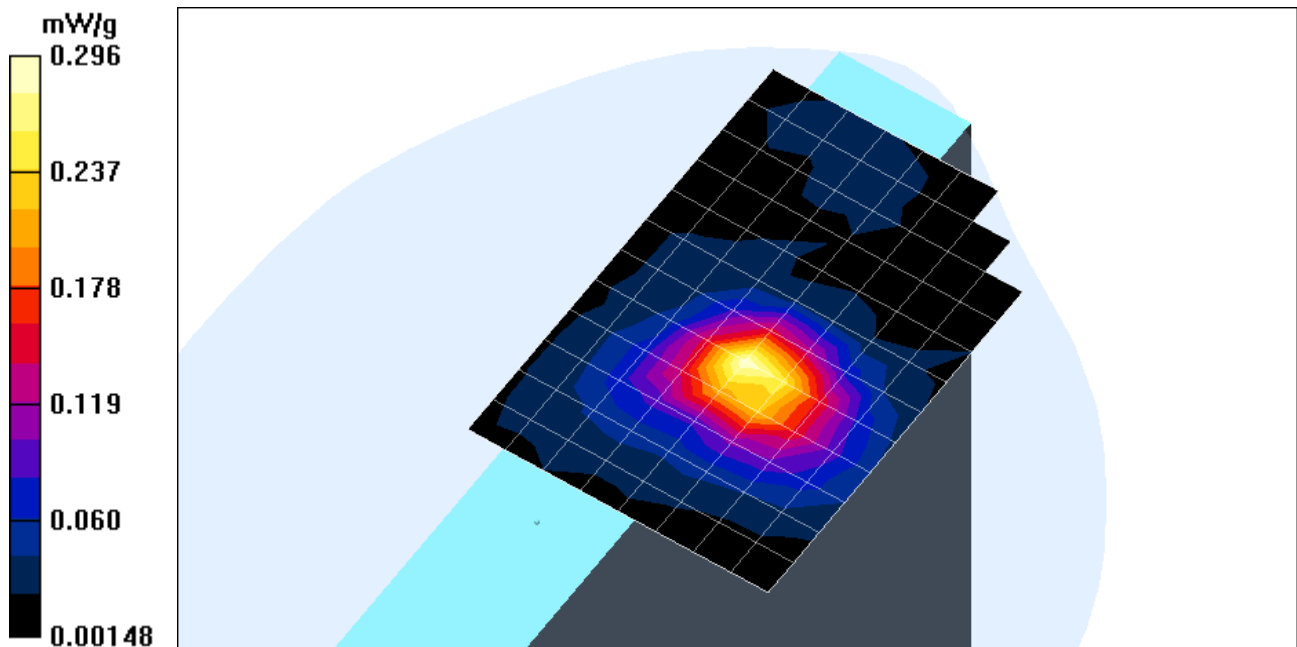
Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.096 mW/g

Reference Value = 1.62 V/m

Power Drift = 0.17 dB

Maximum value of SAR = 0.296 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 2_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

DASY4 Configuration:

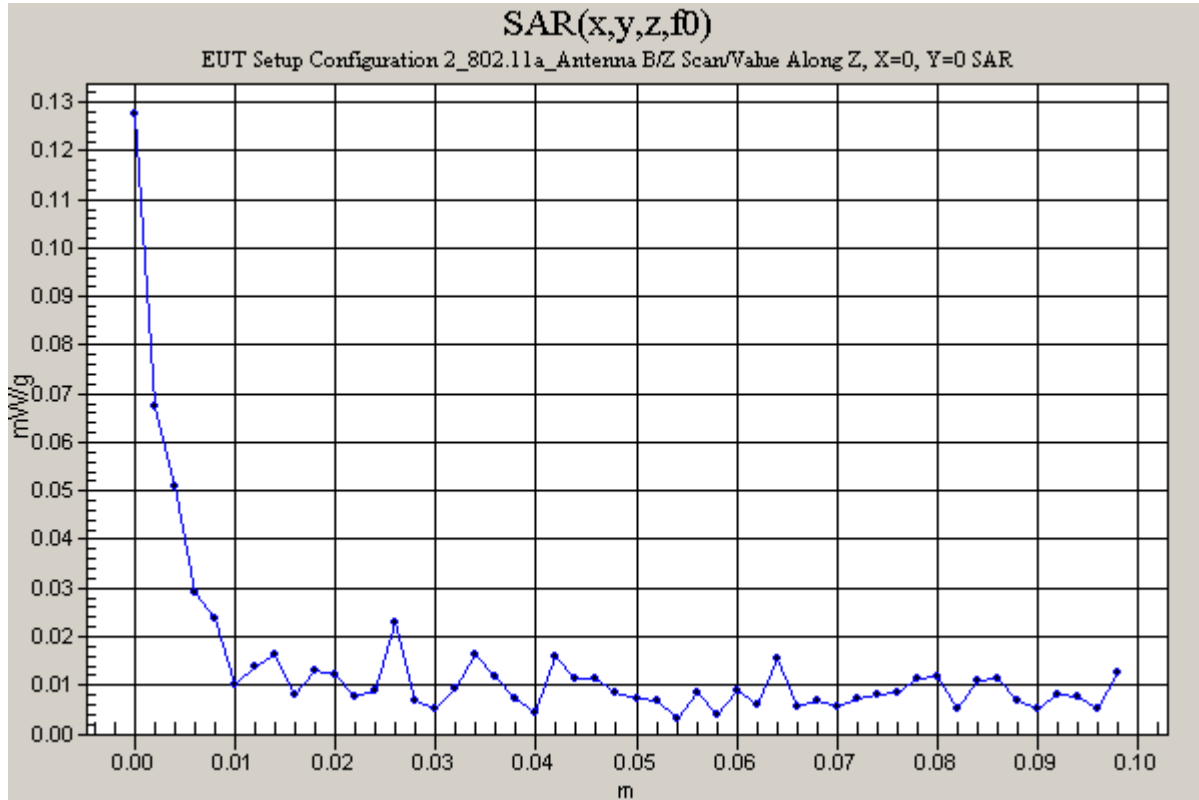
- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 1.62 V/m

Power Drift = -0.16 dB

Maximum value of SAR = 0.128 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 2_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 2_802.11a_Antenna B

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: M5800MHz ($\sigma = 6.2855$ mho/m, $\epsilon_r = 47.3893$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.53 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.155 mW/g

Middle/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

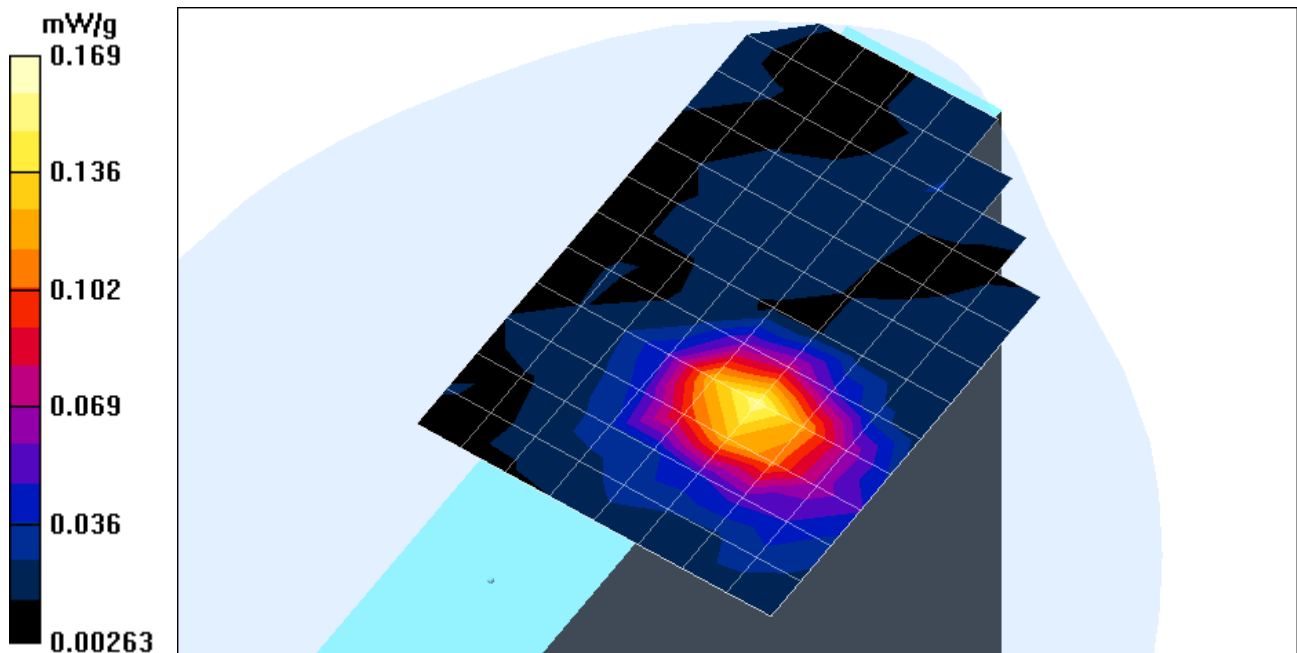
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.062 mW/g

Reference Value = 1.53 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.169 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 2_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

DASY4 Configuration:

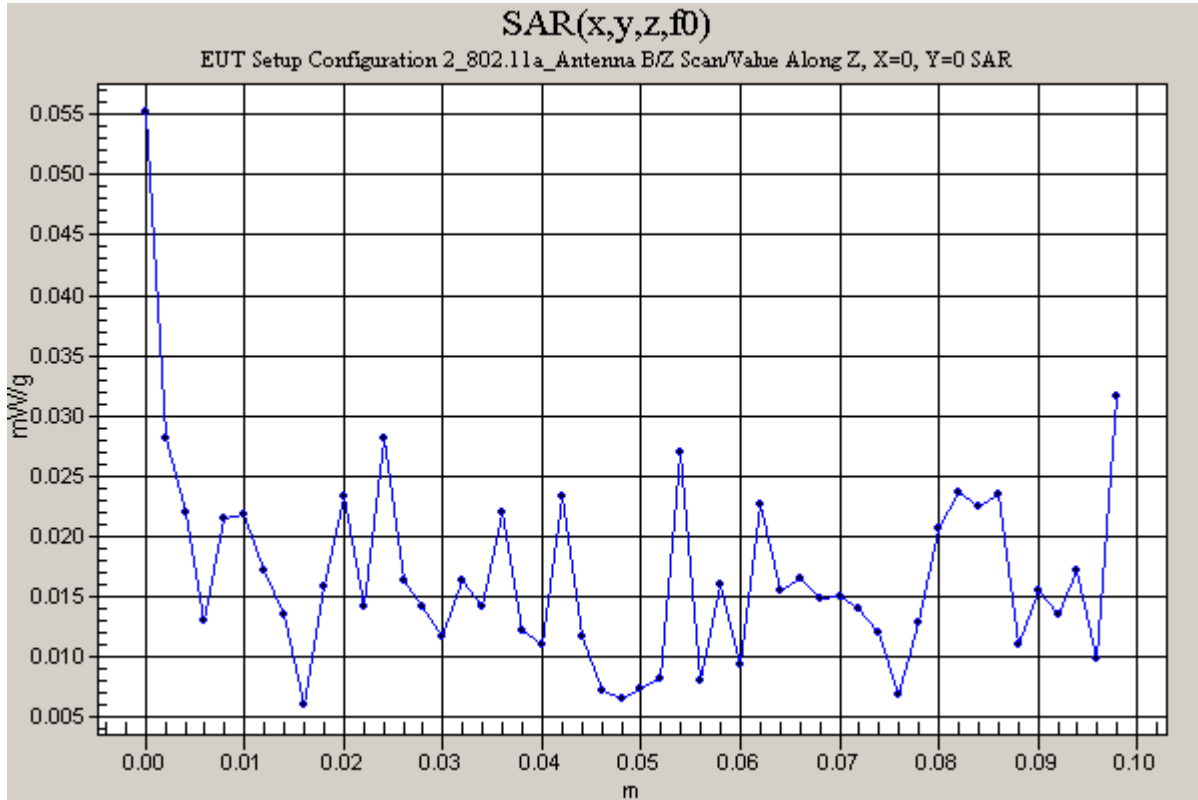
- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 1.53 V/m

Power Drift = -0.13 dB

Maximum value of SAR = 0.055 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 3_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 3_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle-Turbo mode/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.34 V/m

Power Drift = 0.19 dB

Maximum value of SAR = 0.082 mW/g

Middle-Turbo mode/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

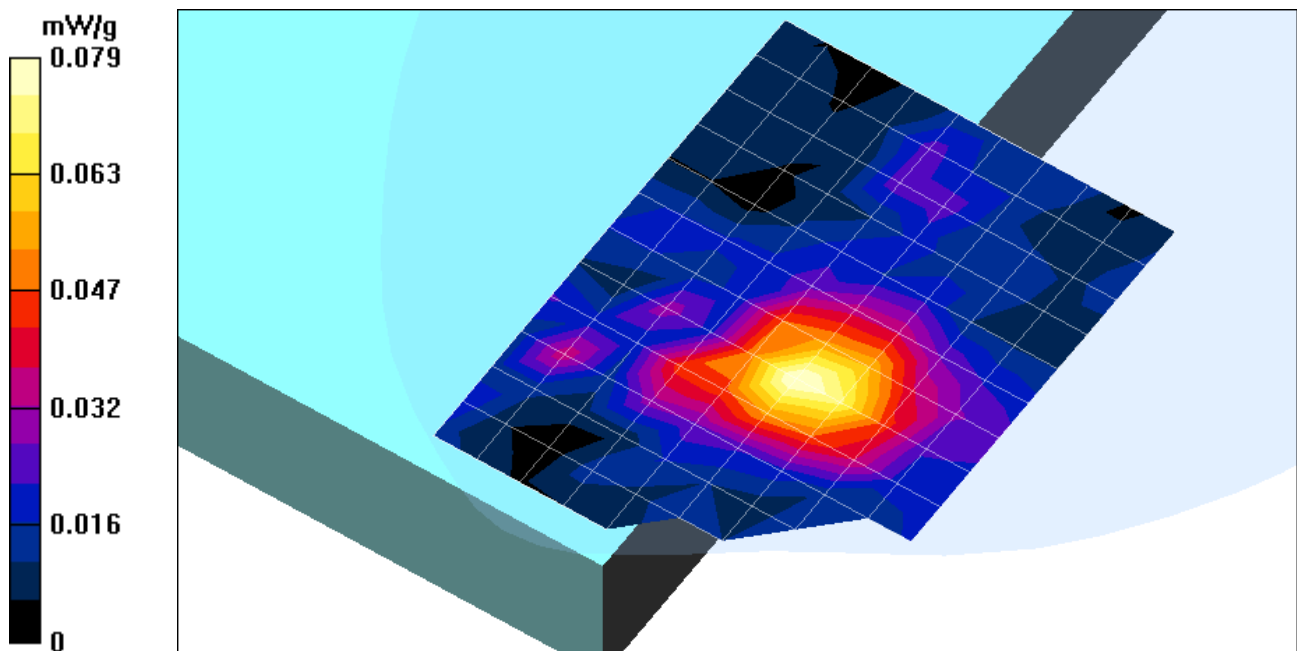
Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.035 mW/g

Reference Value = 1.34 V/m

Power Drift = 0.19 dB

Maximum value of SAR = 0.079 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 3_Antenna A

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 3_802.11a_Antenna A

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: M5800MHz ($\sigma = 6.2855$ mho/m, $\epsilon_r = 47.3893$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Middle/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Reference Value = 1.51 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.034 mW/g

Middle/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

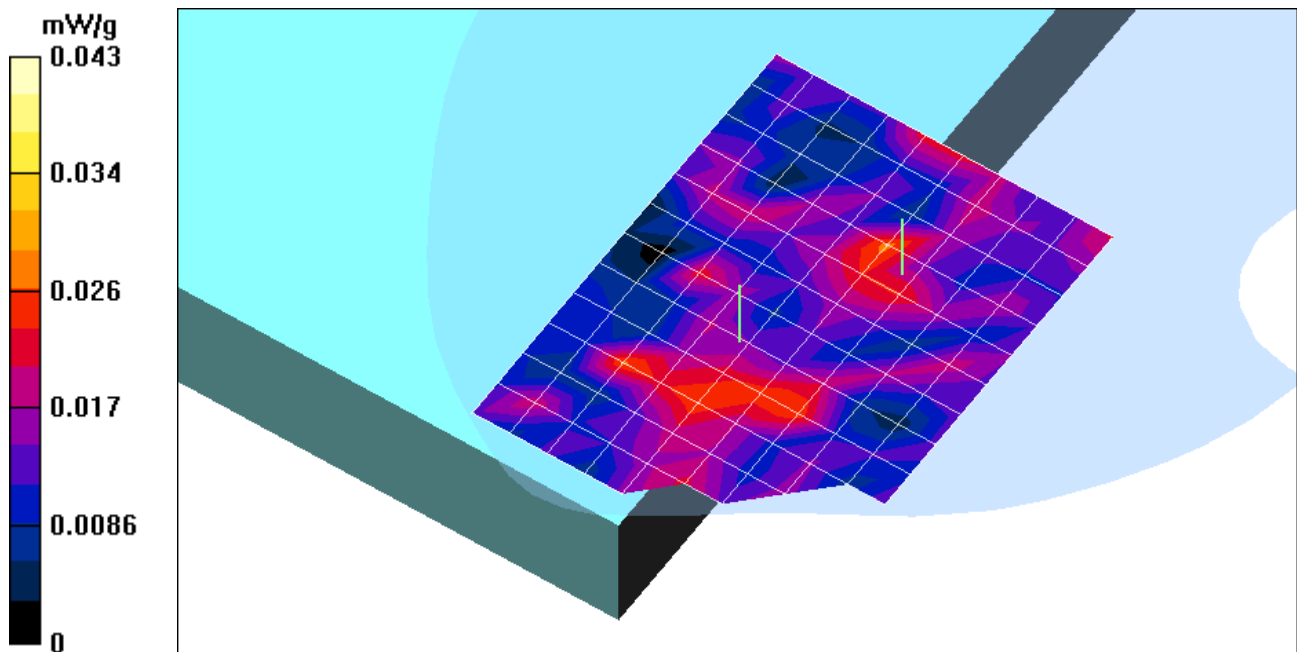
Peak SAR (extrapolated) = 5.76 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.014 mW/g

Reference Value = 1.51 V/m

Power Drift = 0.13 dB

Maximum value of SAR = 0.043 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 4_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 4_802.11a_Antenna B

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.4698$ mho/m, $\epsilon_r = 49.0025$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle-Turbo mode/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.94 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.043 mW/g

Middle-Turbo mode/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

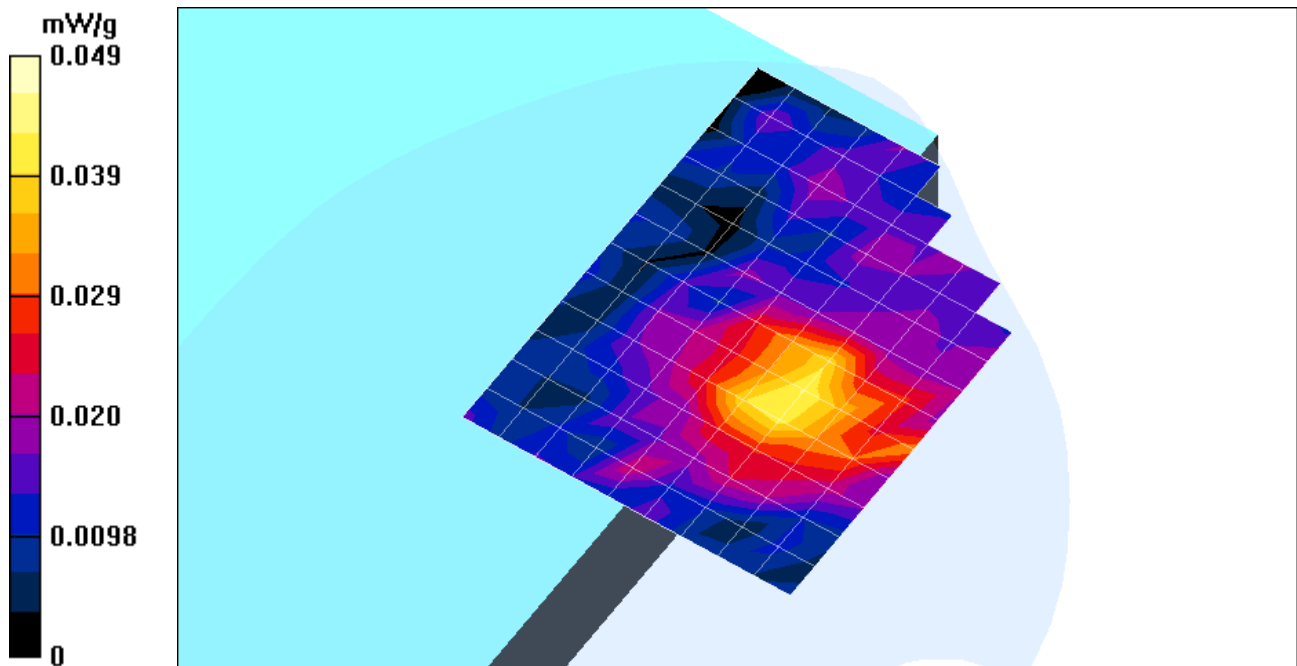
Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.022 mW/g

Reference Value = 1.94 V/m

Power Drift = 0.15 dB

Maximum value of SAR = 0.049 mW/g



Test Laboratory: Compliance Certification Services

EUT Setup Configuration 4_Antenna B

DUT: Toshiba; Type: PA3233U-1MPC; Serial: N/A

Program Name: EUT Setup Configuration 4_802.11a_Antenna B

Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.5 deg C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: M5800MHz ($\sigma = 6.2855$ mho/m, $\epsilon_r = 47.3893$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.1, 1.1, 1.1); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (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, V1.8 Build 62

Middle/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 1.39 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 0.026 mW/g

Middle/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.012 mW/g

Reference Value = 1.39 V/m

Power Drift = 0.16 dB

Maximum value of SAR = 0.038 mW/g

