

Test Laboratory: Compliance Certification Services

Toshiba Satellite

DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a mode M ch/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.490 mW/g

a mode M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

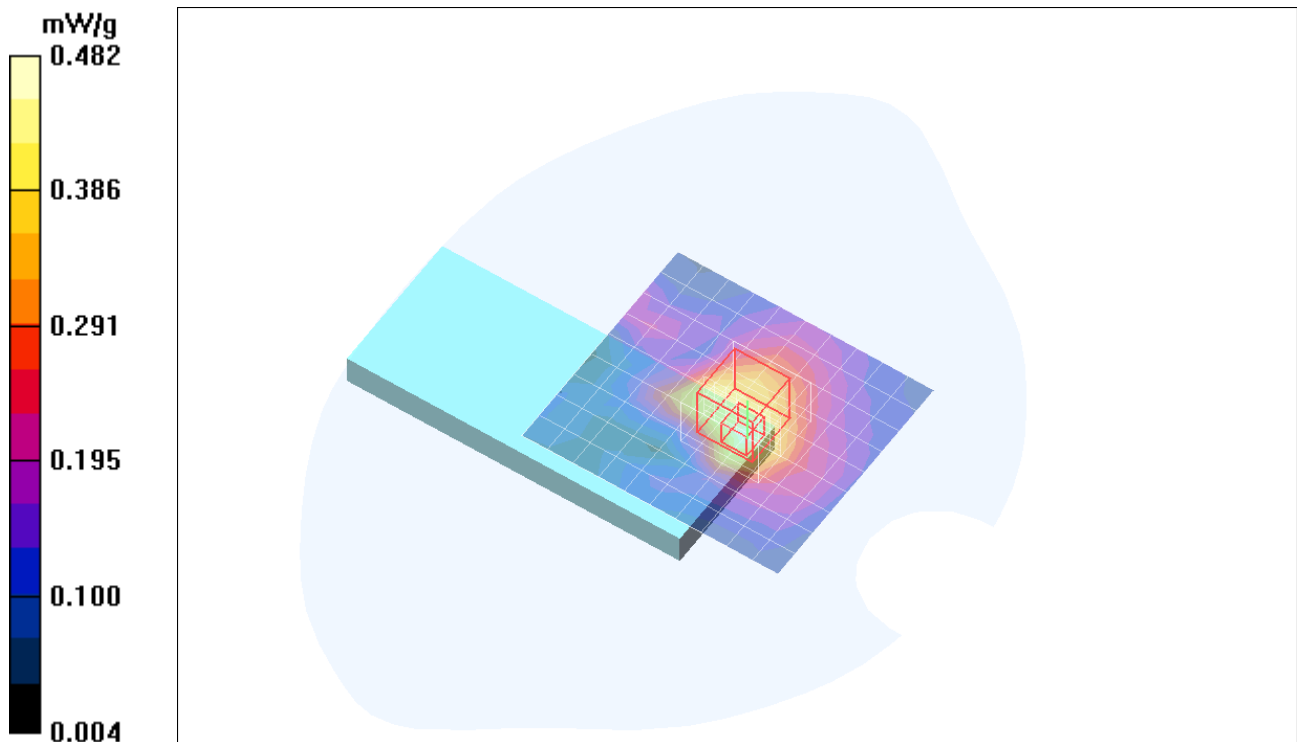
Reference Value = 4.63 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.124 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.482 mW/g



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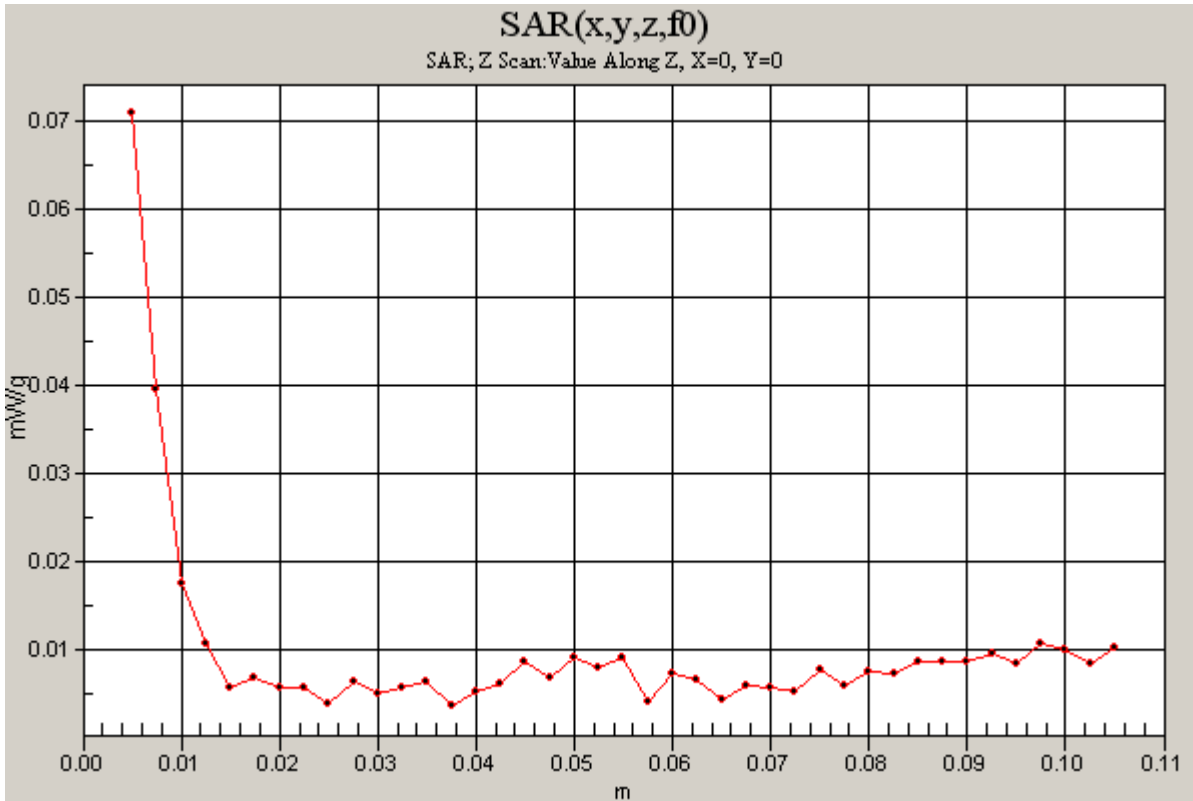
DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

a mode M ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.071 mW/g



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DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a mode M ch antenna b/Area Scan (11x12x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.067 mW/g

a mode M ch antenna b/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

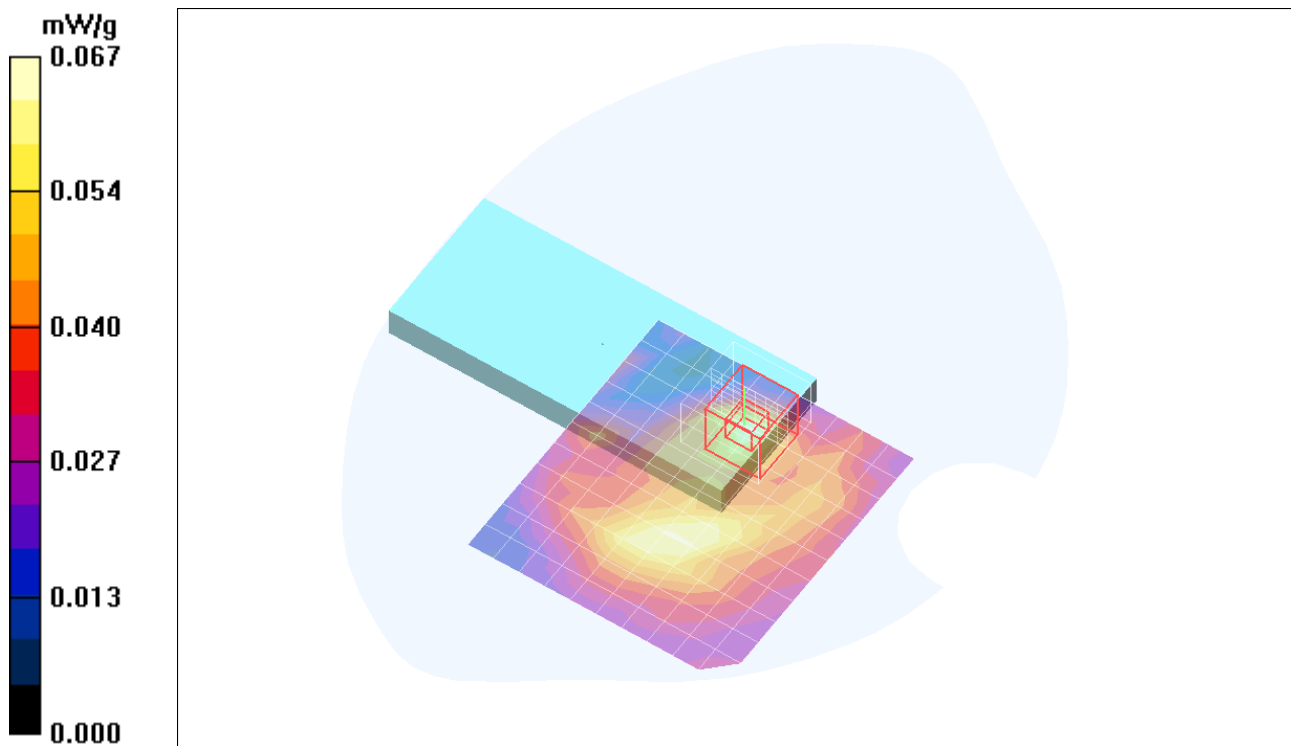
Reference Value = 1.49 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.020 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.070 mW/g



Test Laboratory: Compliance Certification Services

Toshiba Satellite

DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used: $f = 5250$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a turbo mode M ch/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.330 mW/g

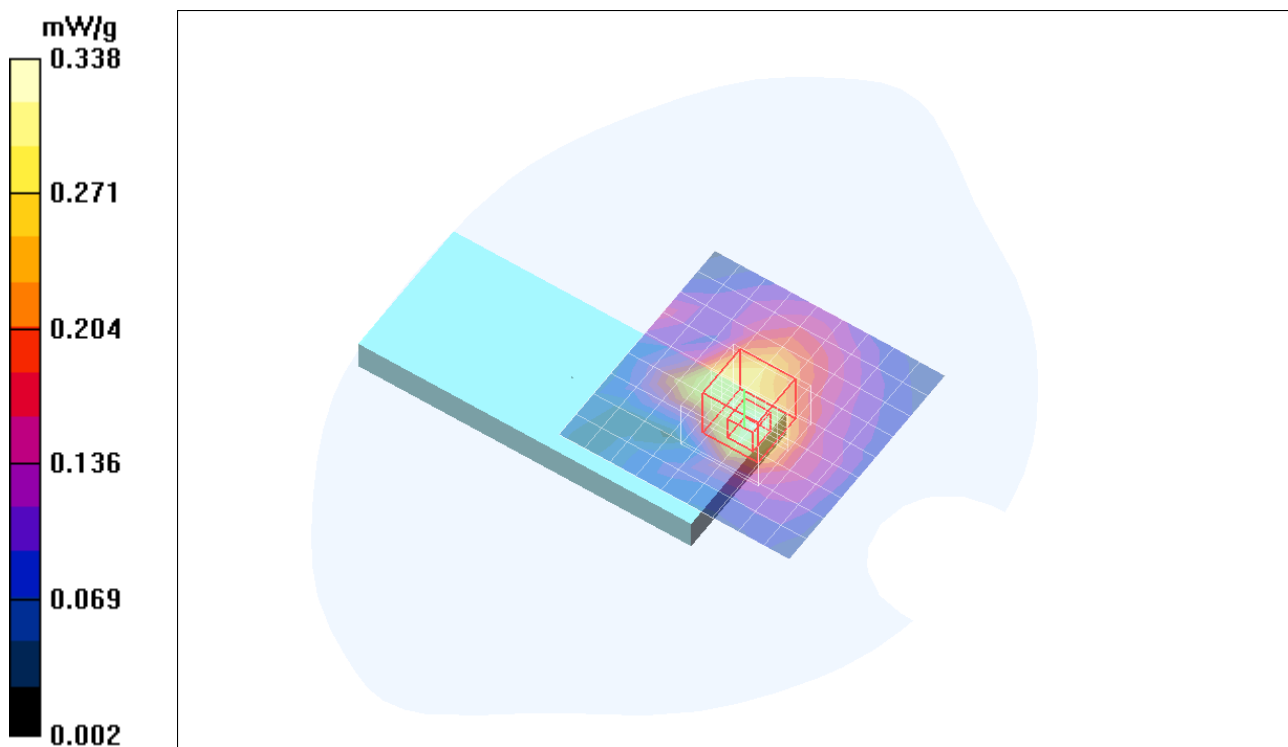
a turbo mode M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.51 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.338 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion xt155

DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a mode M ch/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.325 mW/g

a mode M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

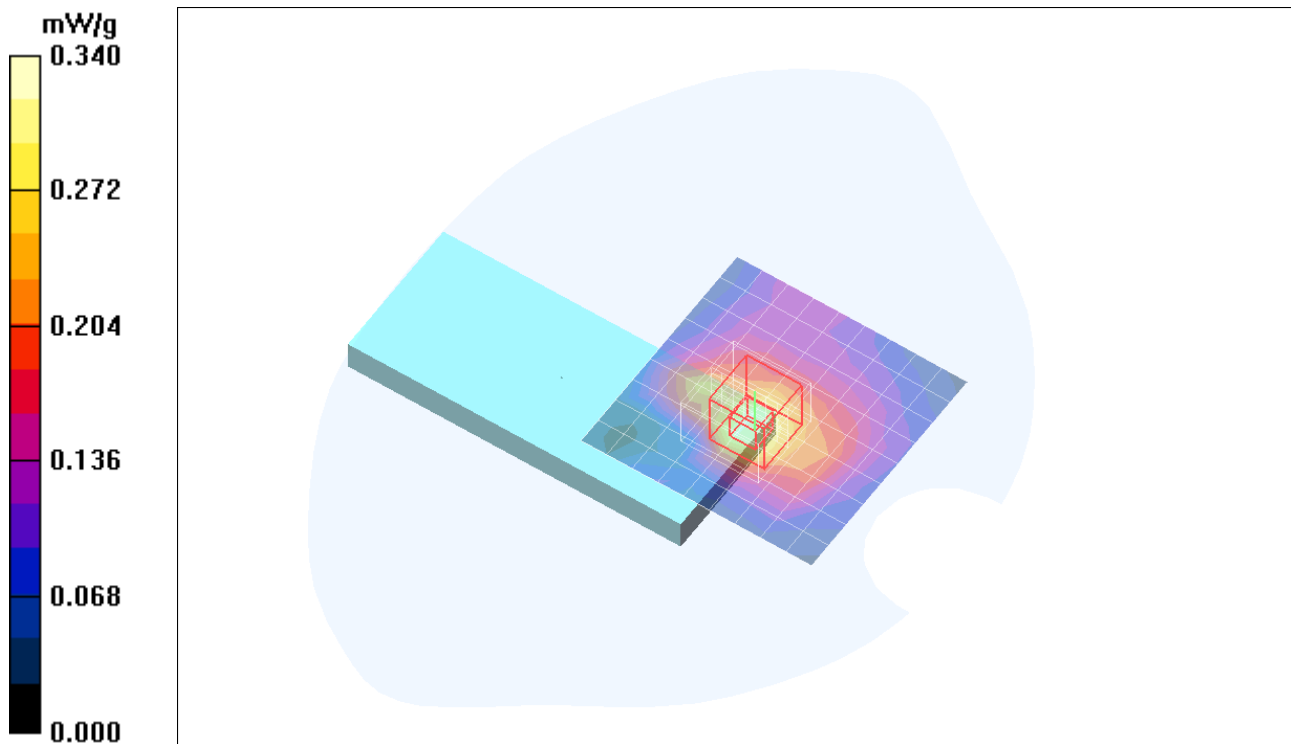
Reference Value = 5.51 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.079 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.340 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion xt155

DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used: $f = 5250$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a turbo mode M ch/Area Scan (10x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.226 mW/g

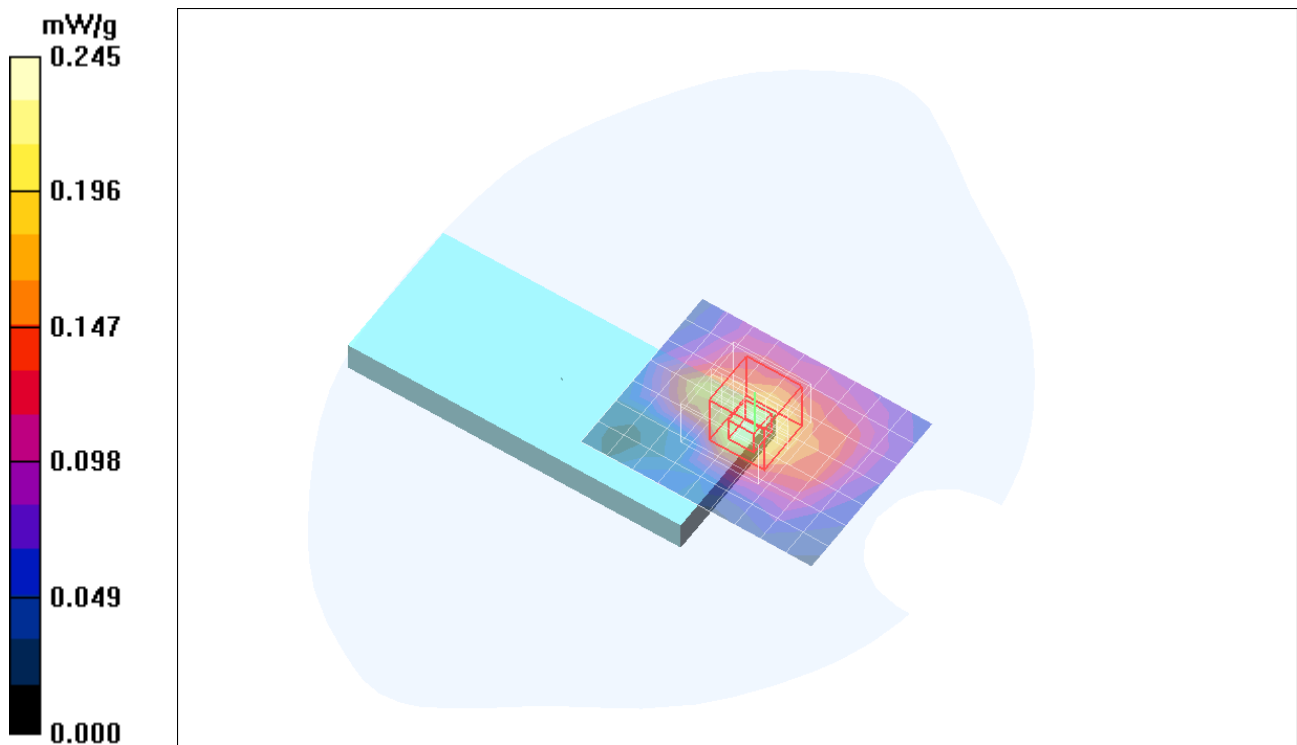
a turbo mode M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.14 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.245 mW/g



Test Laboratory: Compliance Certification Services

Dell Inspiron 6000

DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a mode M ch/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.271 mW/g

a mode M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

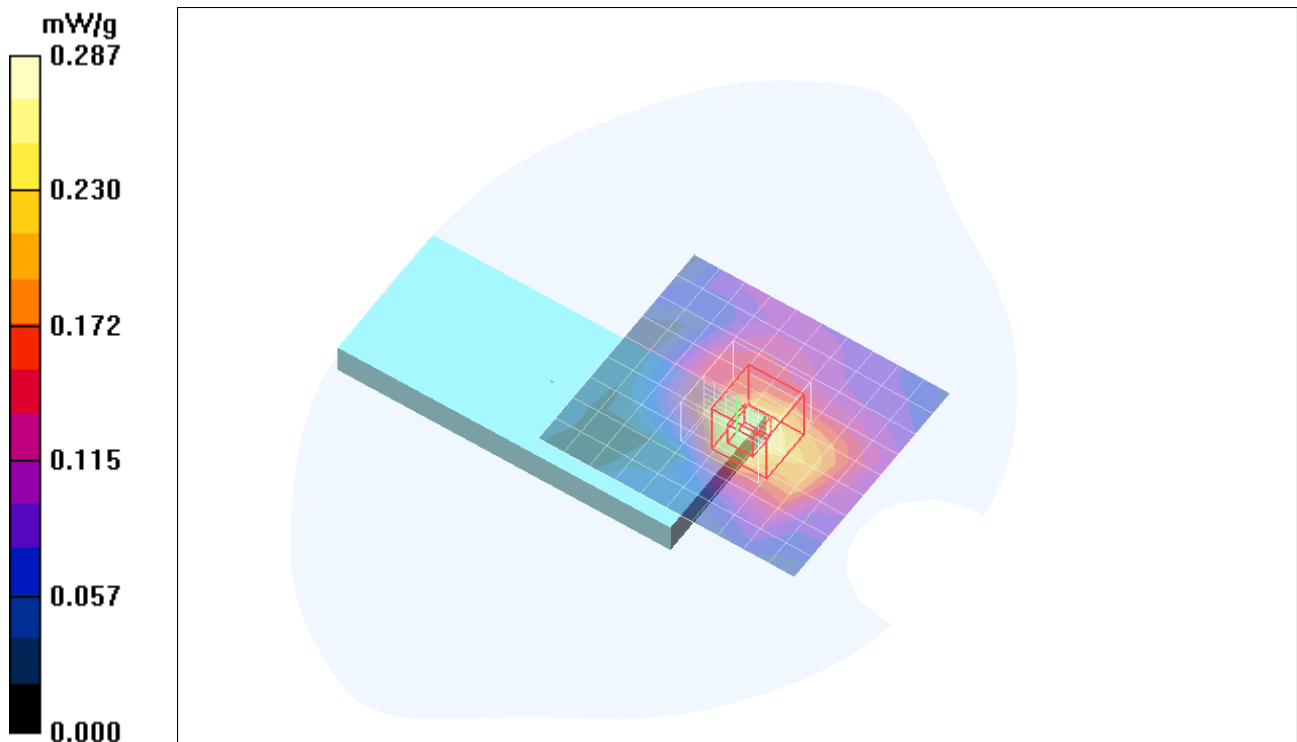
Reference Value = 3.57 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.468 W/kg

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.287 mW/g



Test Laboratory: Compliance Certification Services

Dell Inspiron 6000

DUT: 802.11abg Cardbus; Type: Cardbus; Serial: SN: 01743

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

Medium parameters used: $f = 5250$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(5.2, 5.2, 5.2); Calibrated: 7/21/2005
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

a turbo mode M ch/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.186 mW/g

a turbo mode M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.54 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.205 mW/g

