

Test Laboratory: Compliance Certification Services

HP zv6000

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

a mode M-ch/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.541 mW/g

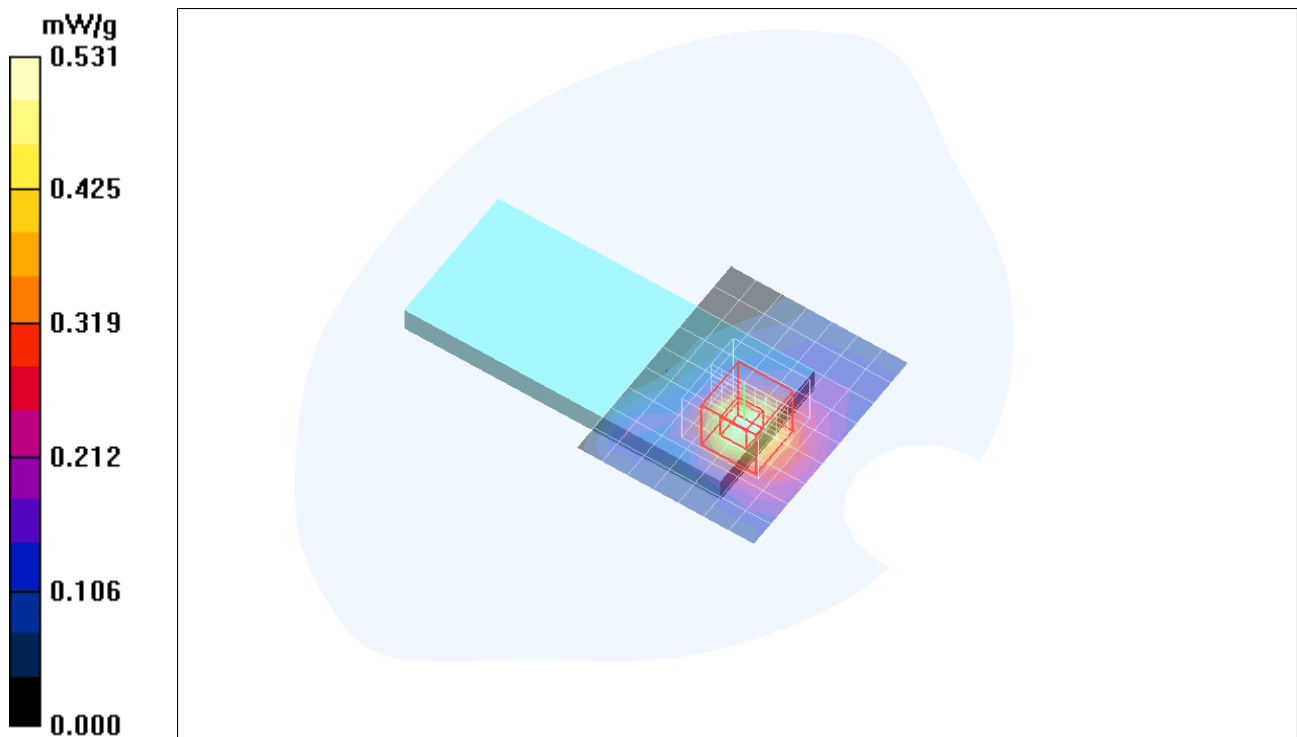
a mode M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.00 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



Test Laboratory: Compliance Certification Services

HP zv6000

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

HT20 M ch/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.510 mW/g

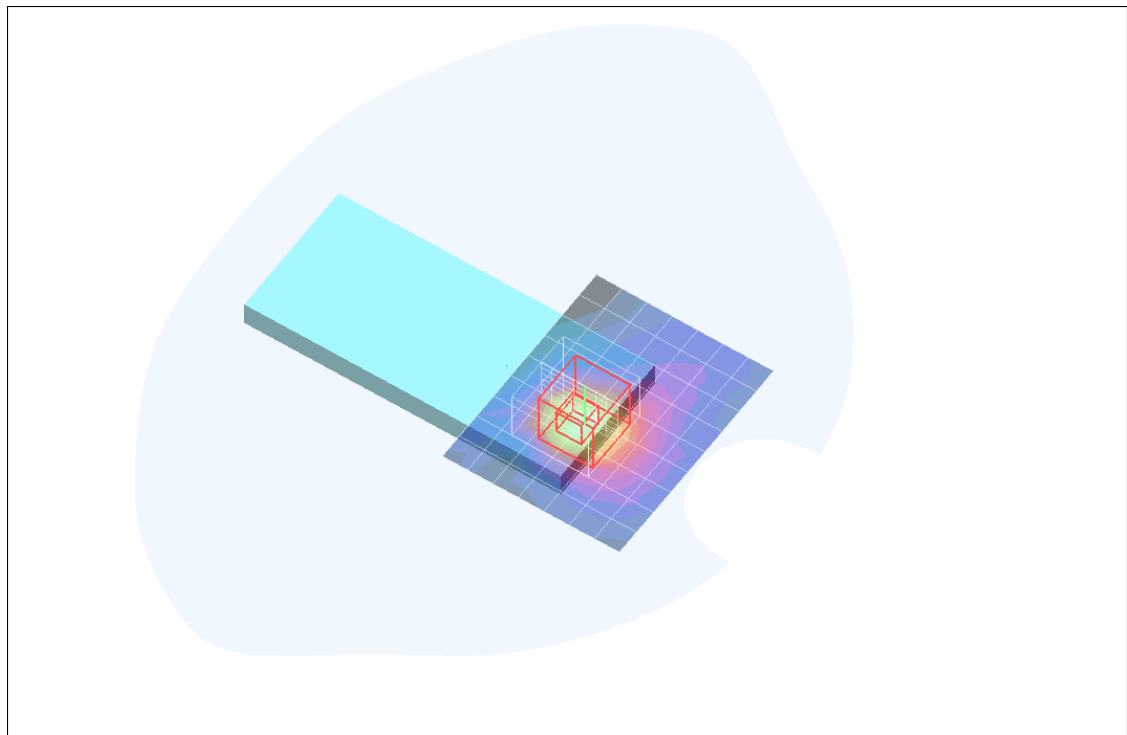
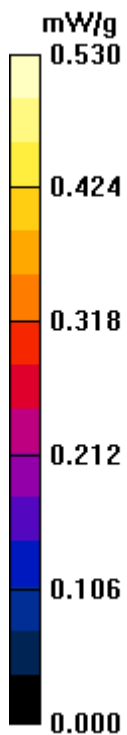
HT20 M ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.81 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.530 mW/g



Test Laboratory: Compliance Certification Services

HP zv6000

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5590$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

HT20 M ch 2/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.519 mW/g

HT20 M ch 2/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

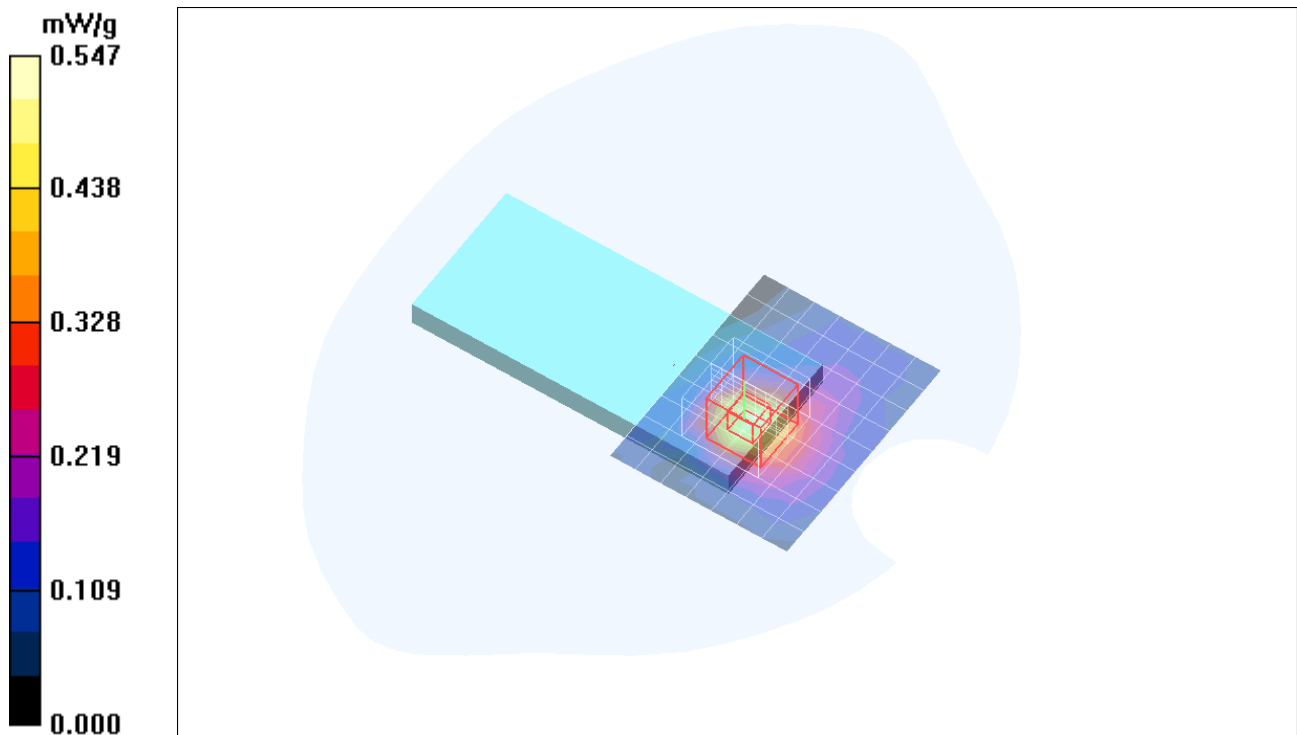
Reference Value = 9.85 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.109 mW/g

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

Maximum value of SAR (measured) = 0.547 mW/g



Test Laboratory: Compliance Certification Services

Compaq Presario V2000

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

a mode M-ch/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.358 mW/g

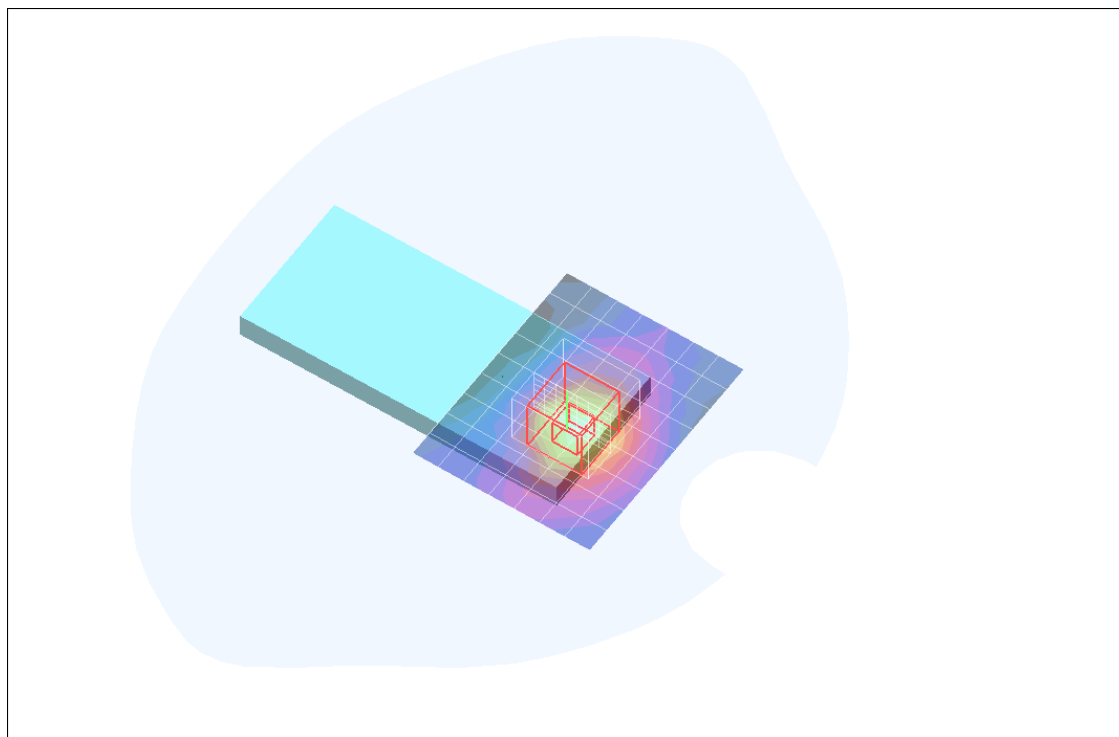
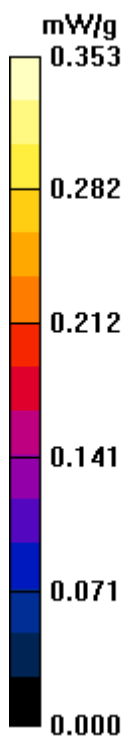
a mode M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.77 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.353 mW/g



Test Laboratory: Compliance Certification Services

Compaq Presario V2000

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

HT20 M-ch/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.367 mW/g

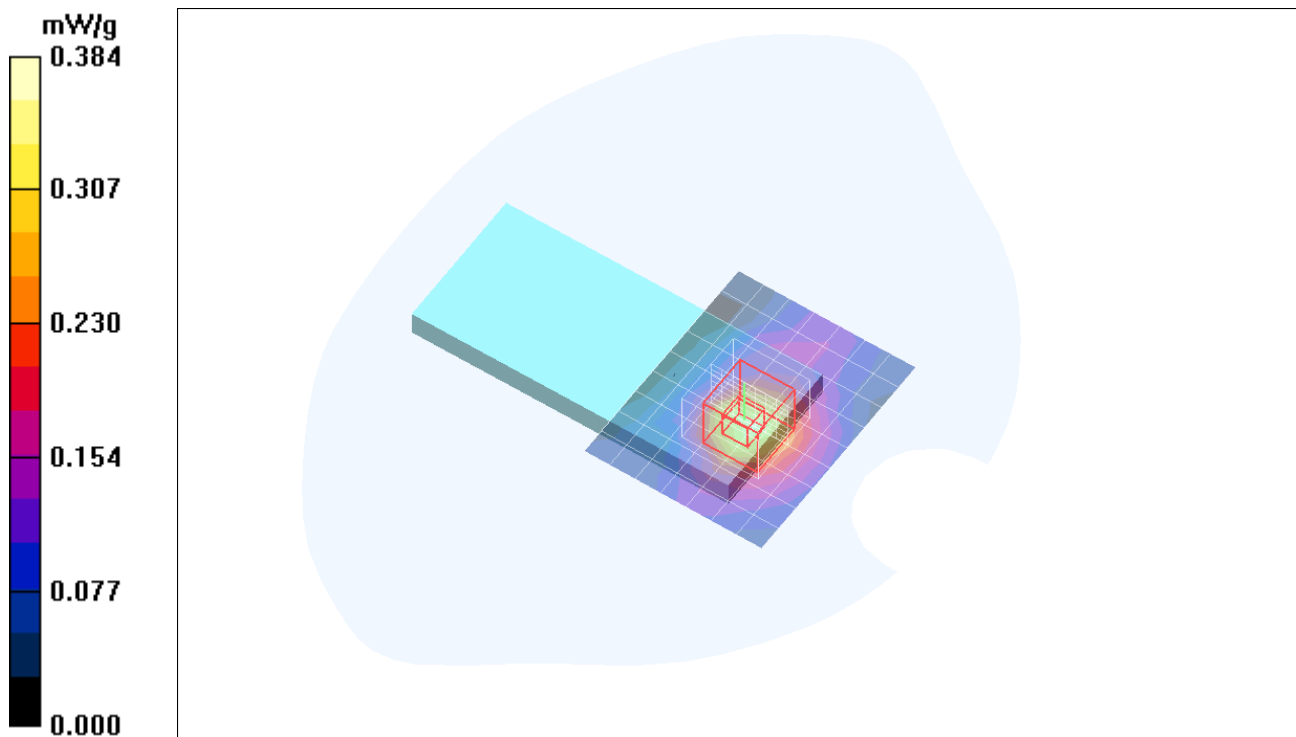
HT20 M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.32 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.384 mW/g



Test Laboratory: Compliance Certification Services

Compaq Presario V2000

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5590$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

HT40 M-ch/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.366 mW/g

HT40 M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

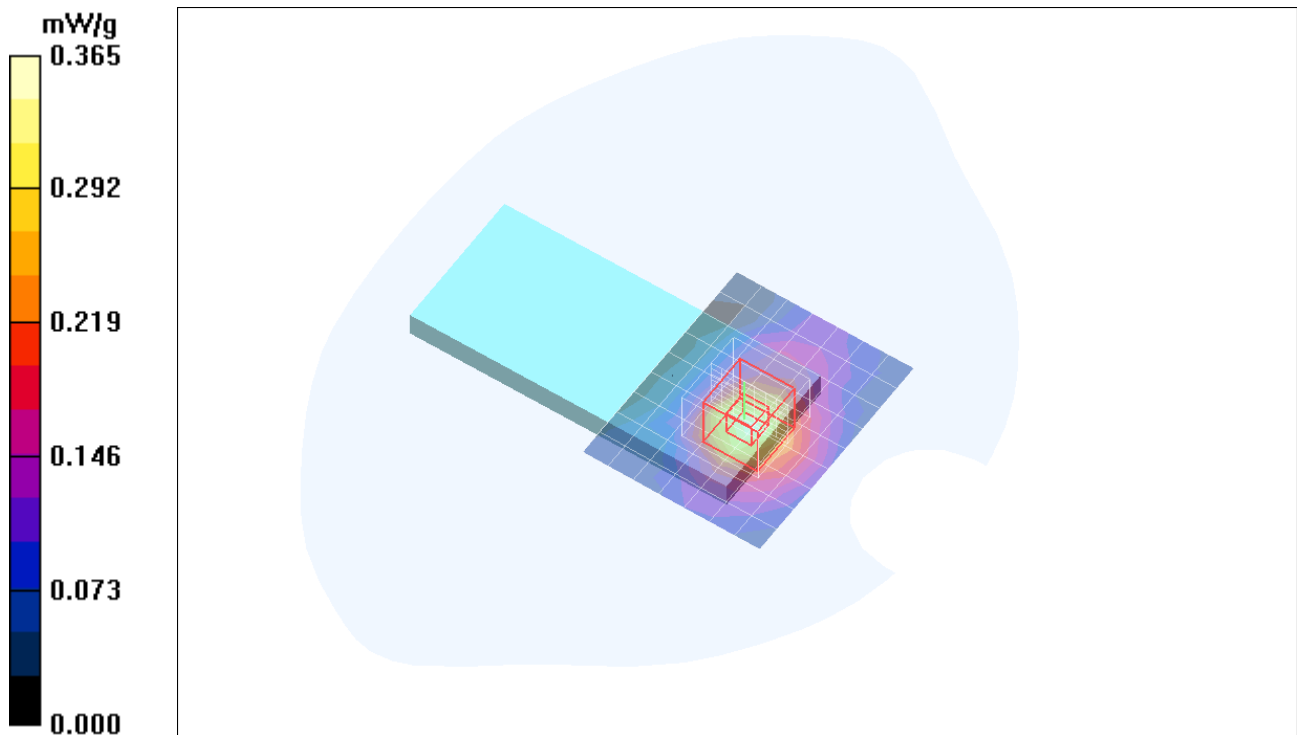
Reference Value = 2.13 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.074 mW/g

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

Maximum value of SAR (measured) = 0.365 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion ze4400

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 49.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

a mode L-ch/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.561 mW/g

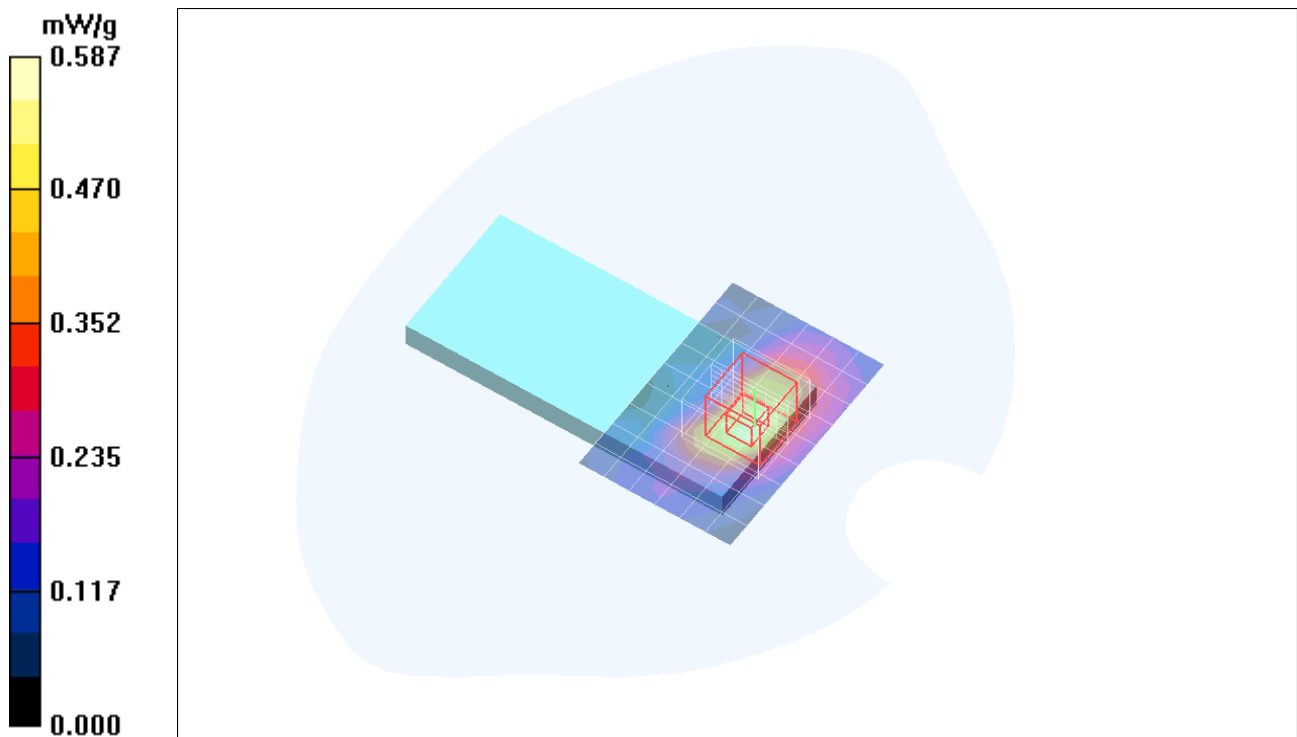
a mode L-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.7 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.587 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion ze4400

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

a mode M-ch/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.788 mW/g

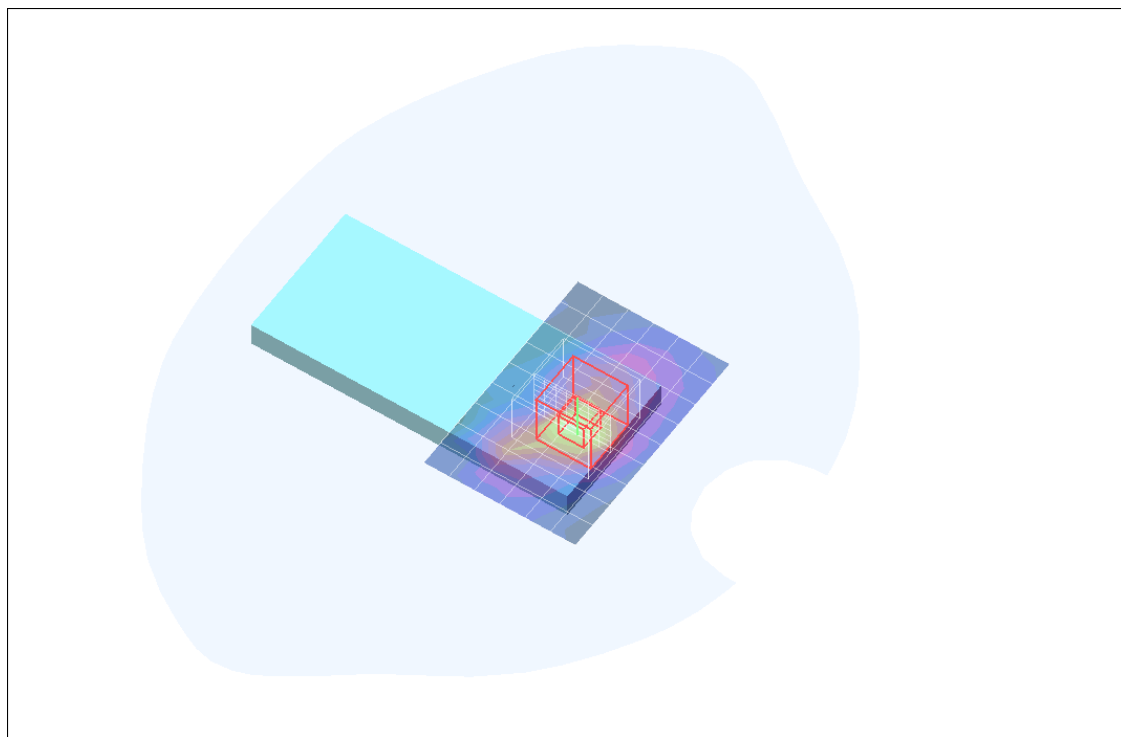
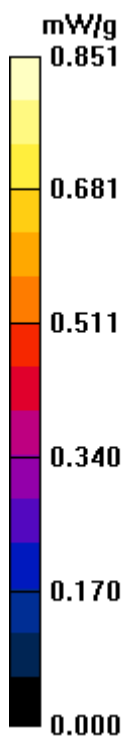
a mode M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.81 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.851 mW/g



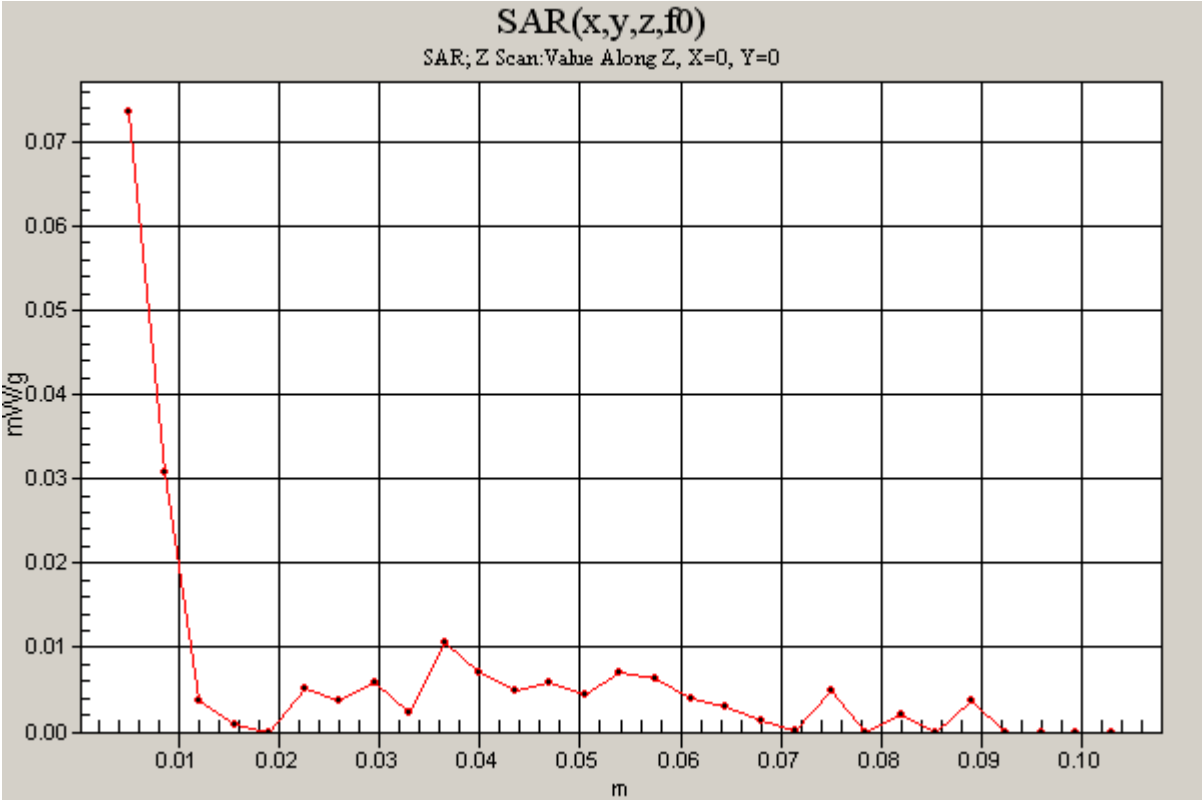
Test Laboratory: Compliance Certification Services

HP Pavilion ze4400

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz;Duty Cycle: 1:1

a mode M-ch/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm
Maximum value of SAR (measured) = 0.074 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion ze4400

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5700$ MHz; $\sigma = 6.11$ mho/m; $\epsilon_r = 48.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 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: EX3DV4 - SN3552; ConvF(3.76, 3.76, 3.76); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

a mode H-ch/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.581 mW/g

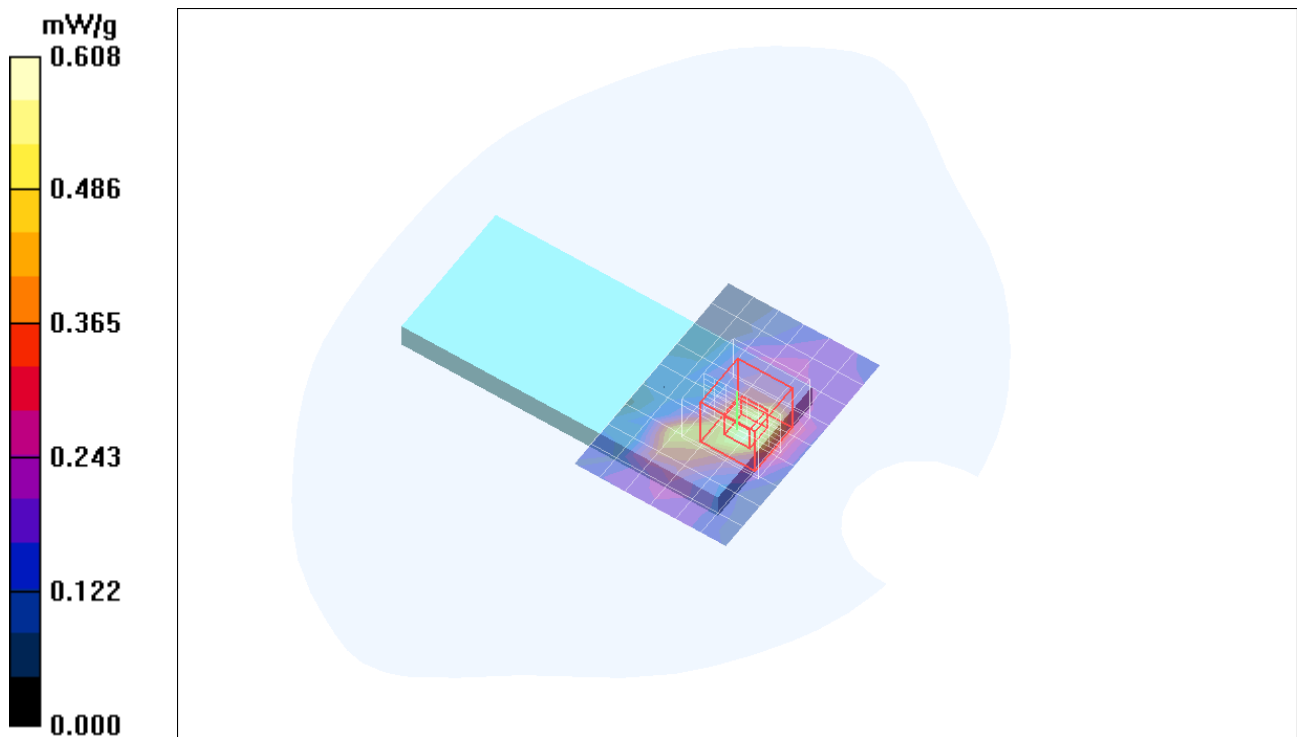
a mode H-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.7 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.608 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion ze4400

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

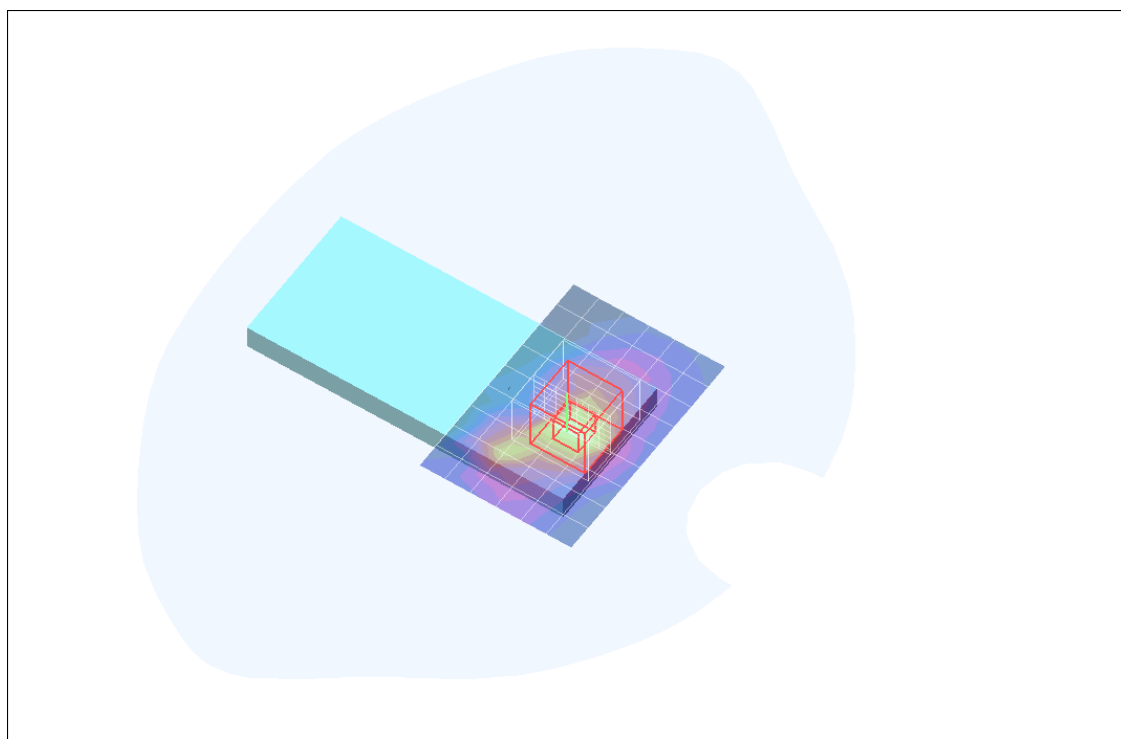
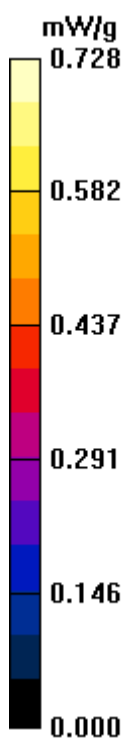
Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

HT20 M-ch/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.681 mW/g

HT20 M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.66 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.728 mW/g



Test Laboratory: Compliance Certification Services

HP Pavilion ze4400

DUT: 802.11abgn CardBus; Type: CardBus; Serial: CB72-021-L47

Communication System: 5600MHz band; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5590$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.0 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: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

HT40 M-ch/Area Scan (11x15x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.699 mW/g

HT40 M-ch/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.56 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.138 mW/g

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

Maximum value of SAR (measured) = 0.742 mW/g

