

Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.3 mW/g

Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.2 V/m; Power Drift = -0.001 dB

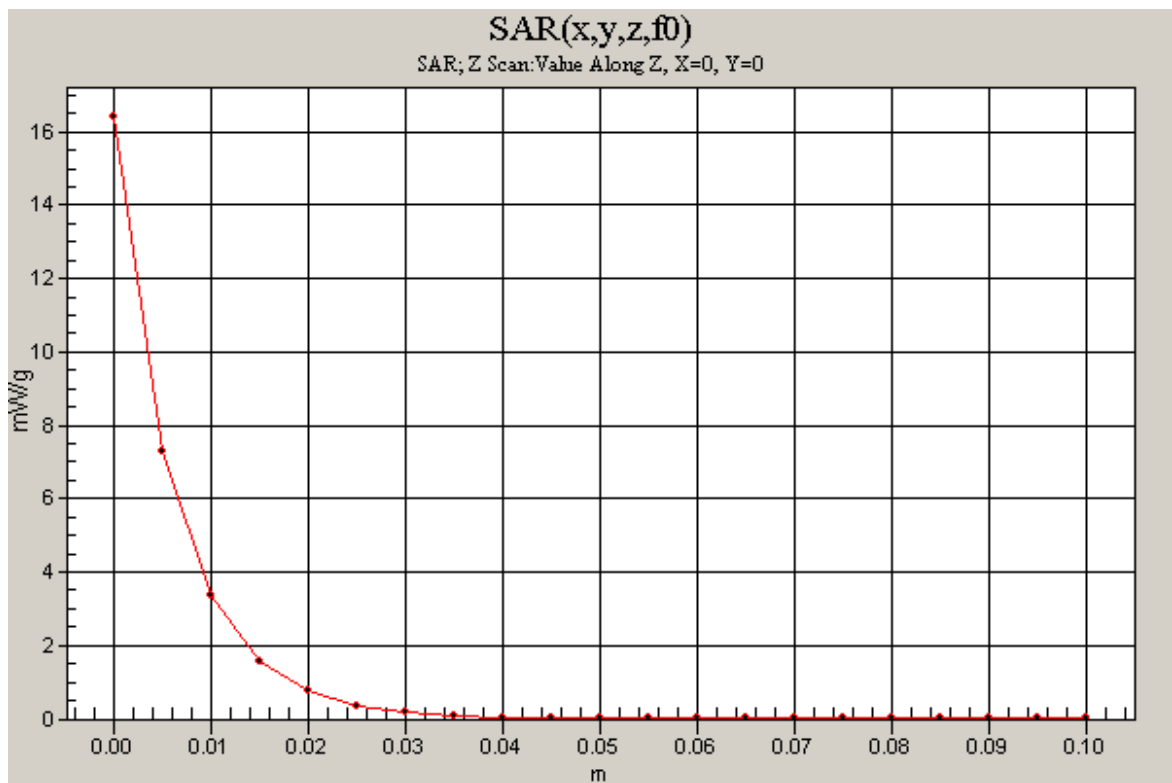
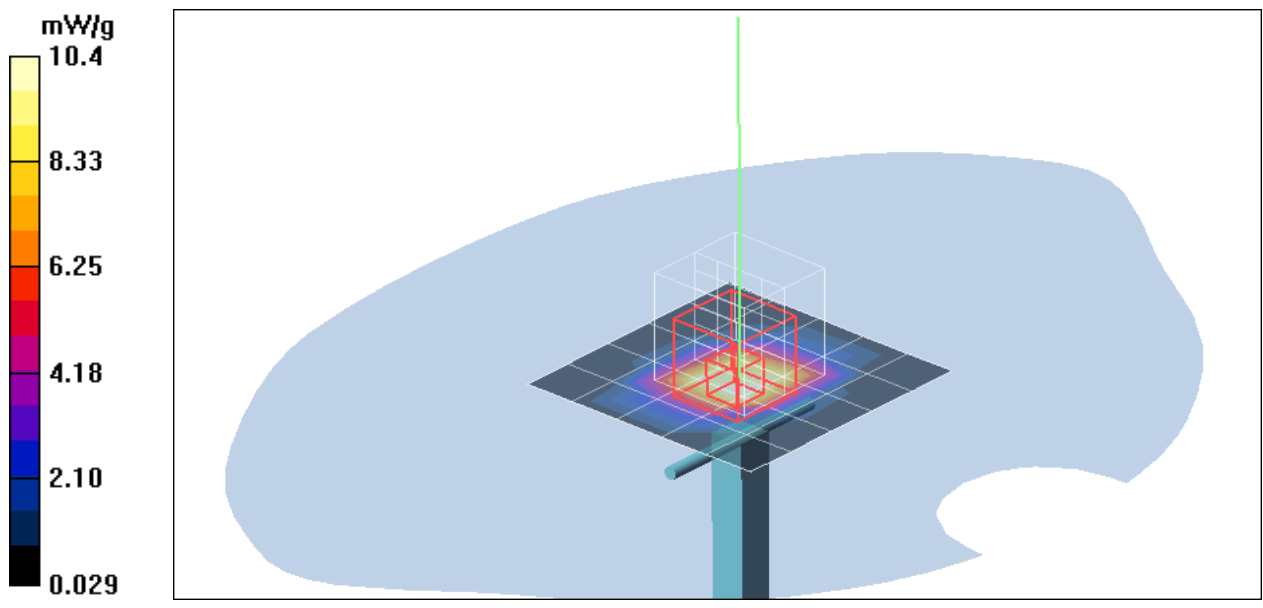
Peak SAR (extrapolated) = 34.1 W/kg

SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.30 mW/g

Maximum value of SAR (measured) = 16.0 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 16.2 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.80 mW/g

Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

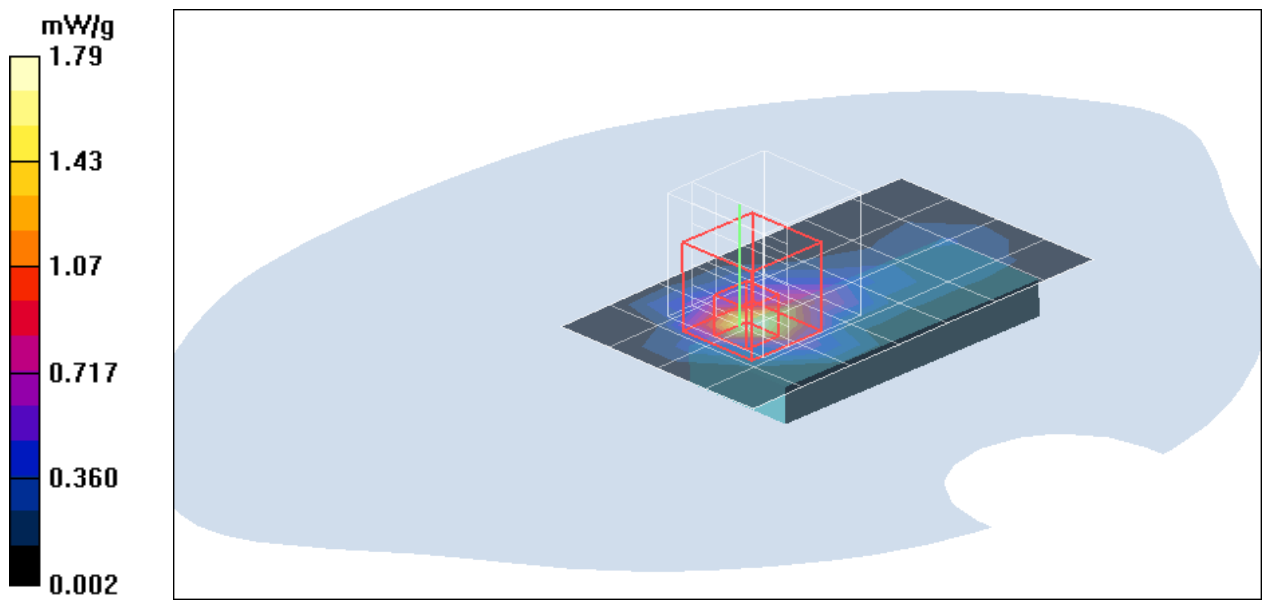
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.2 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 1.290 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 1.79 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.87 mW/g

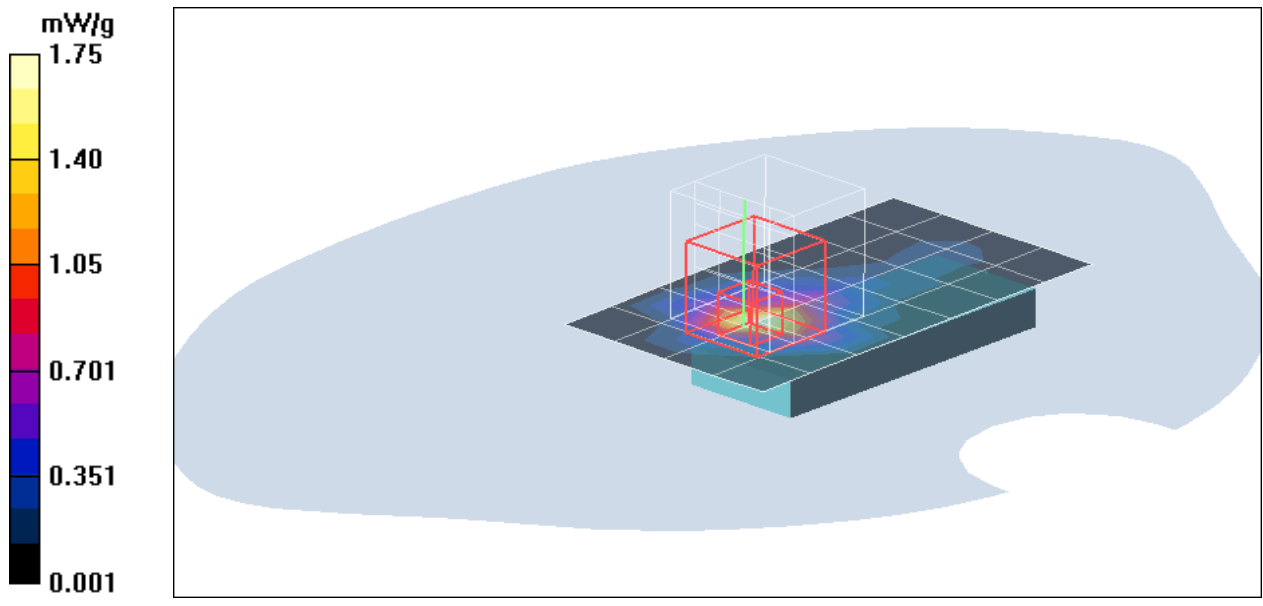
Middle CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 1.340 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 1.75 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

High CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.89 mW/g

High CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

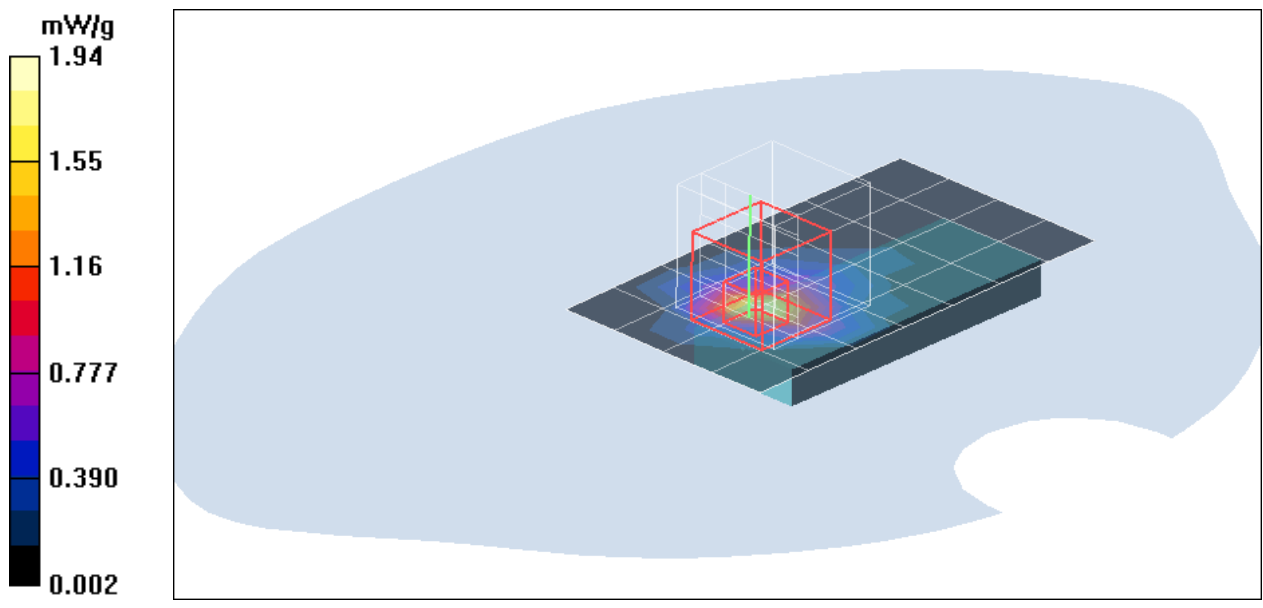
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 1.350 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 1.94 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.907 mW/g

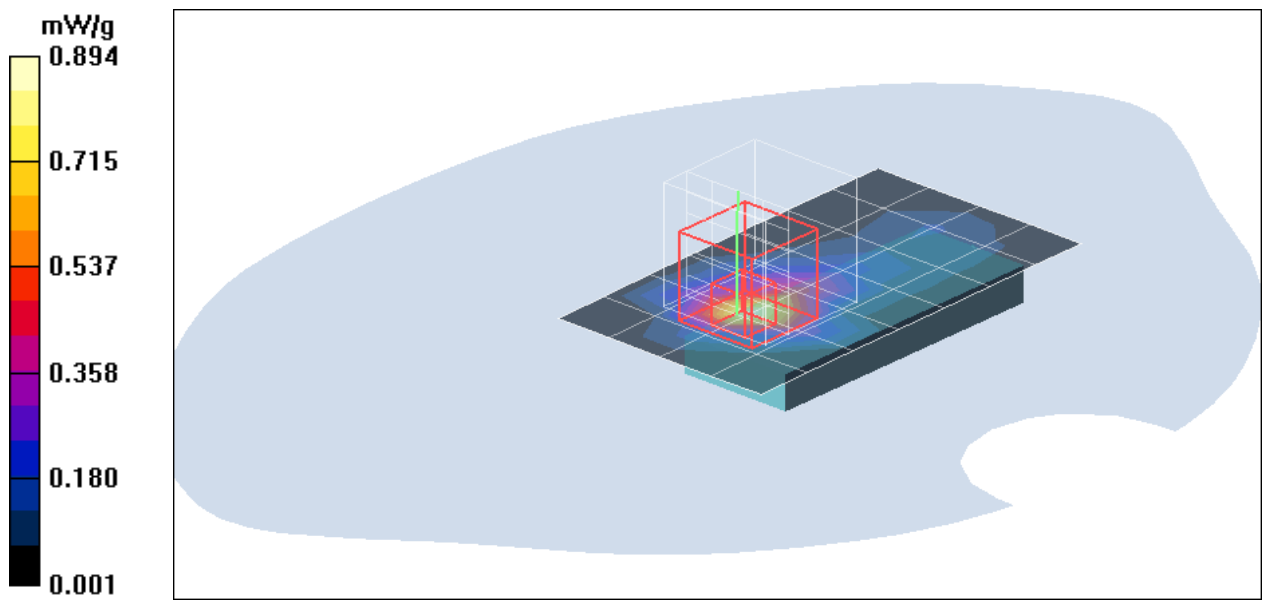
Low CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.894 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.07 mW/g

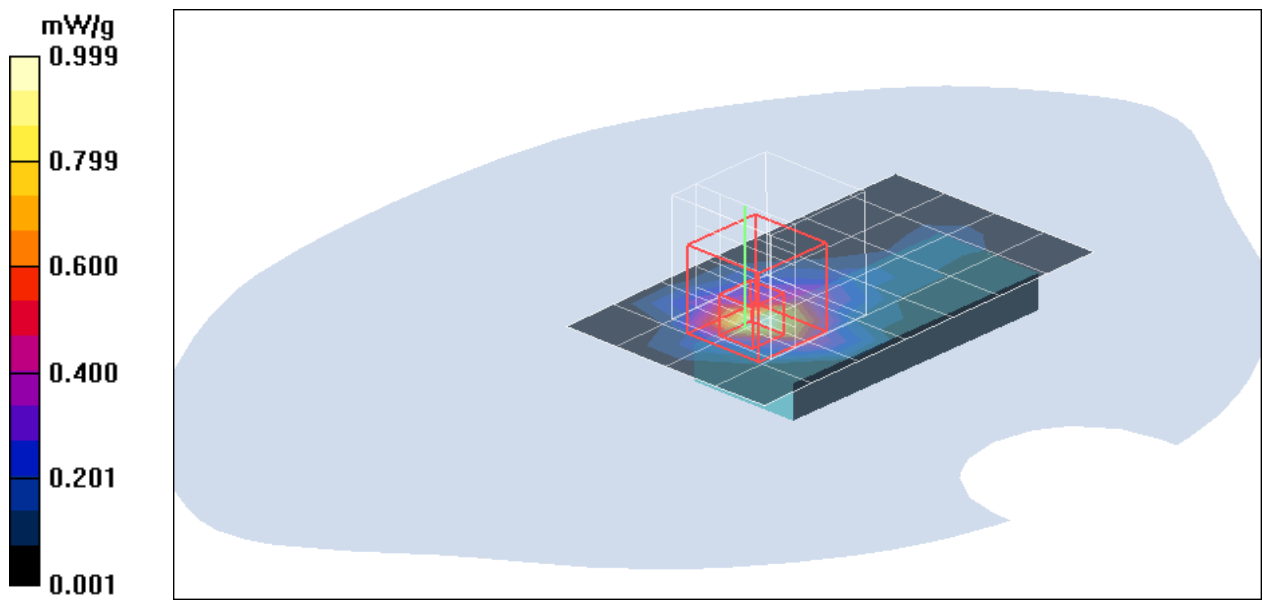
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.999 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

High CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.41 mW/g

High CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

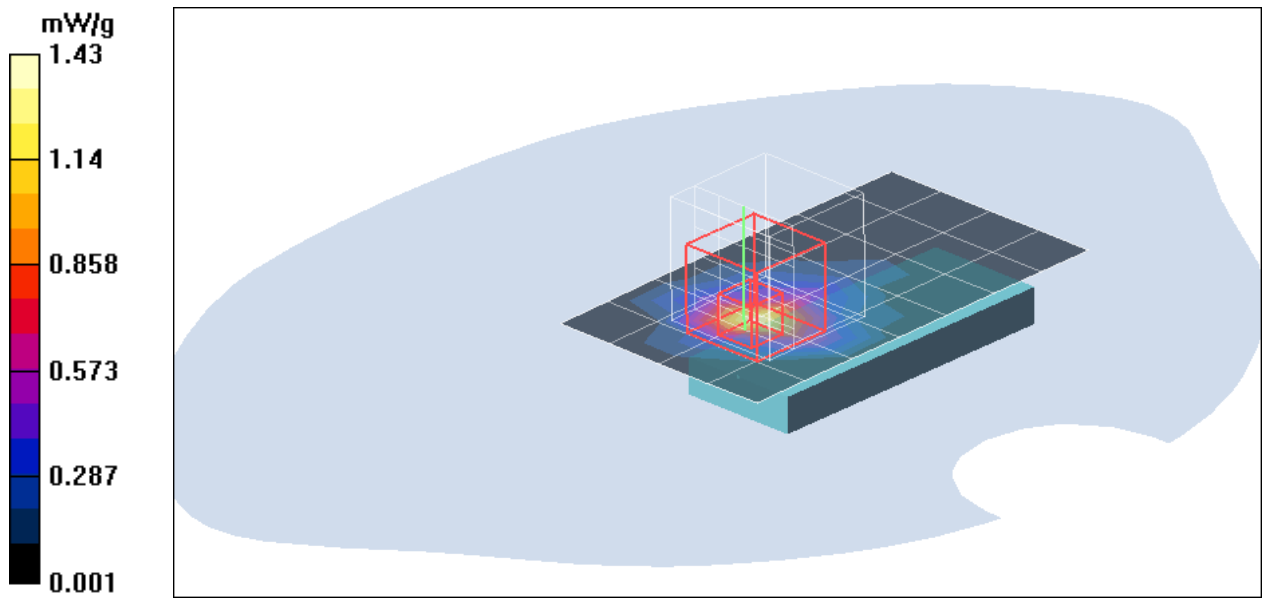
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 1.43 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT20

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=6.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 mW/g

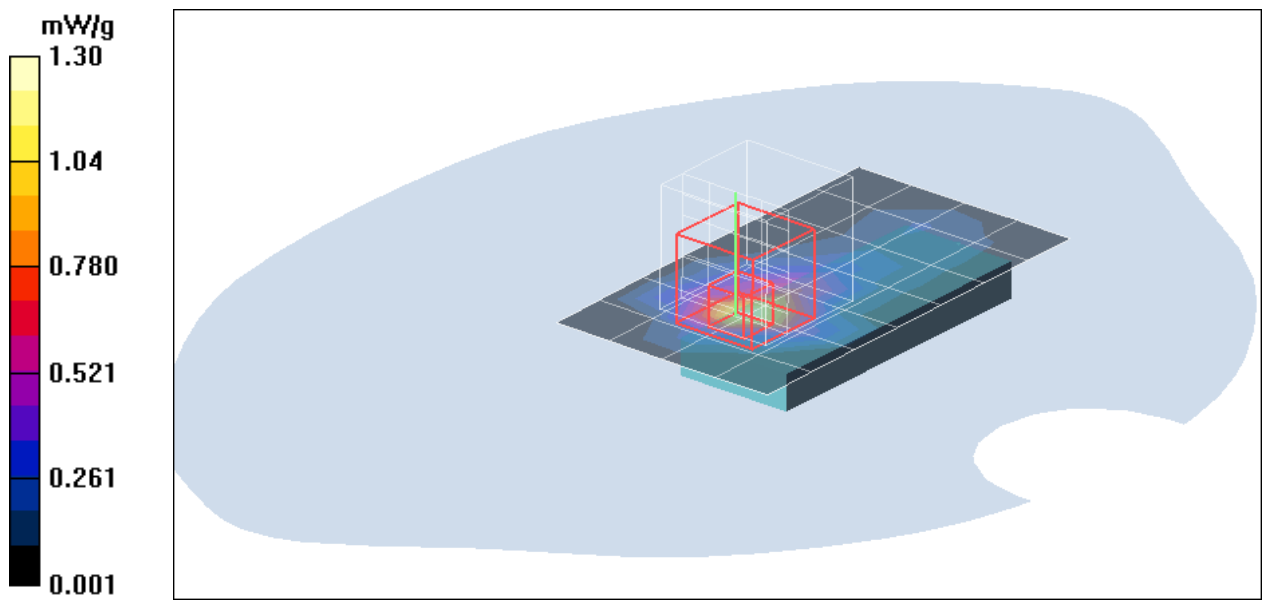
Low CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.5 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT20

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.89 mW/g

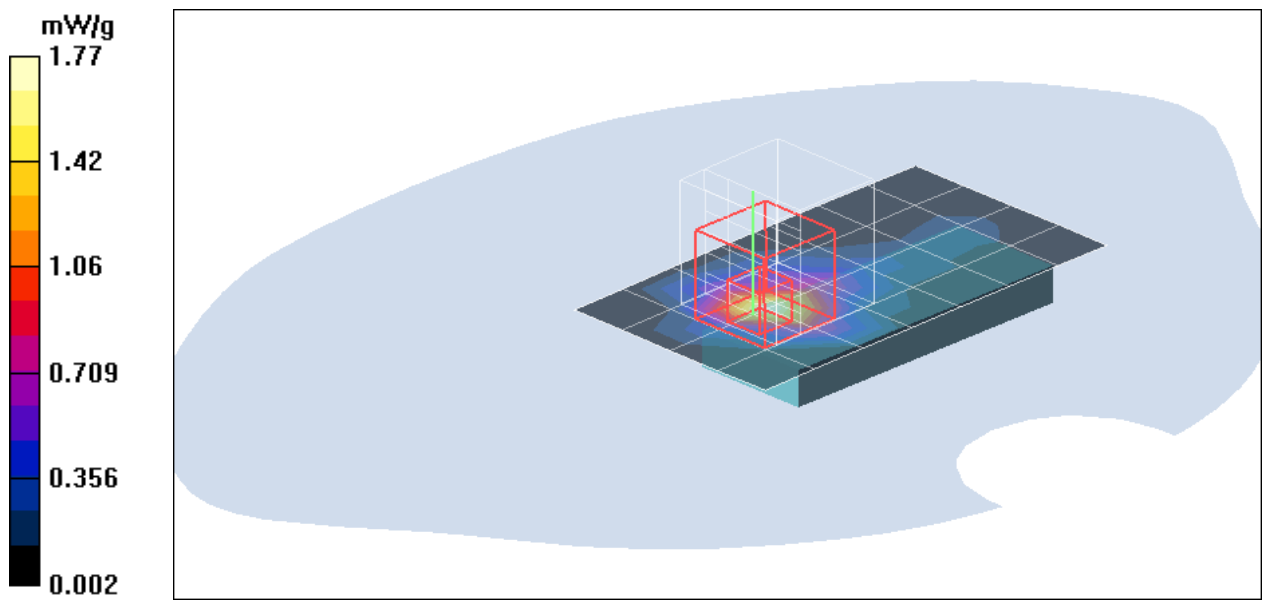
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 1.360 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 1.77 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT20

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

High CH, Rate=6.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.26 mW/g

High CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.2 V/m; Power Drift = -0.017 dB

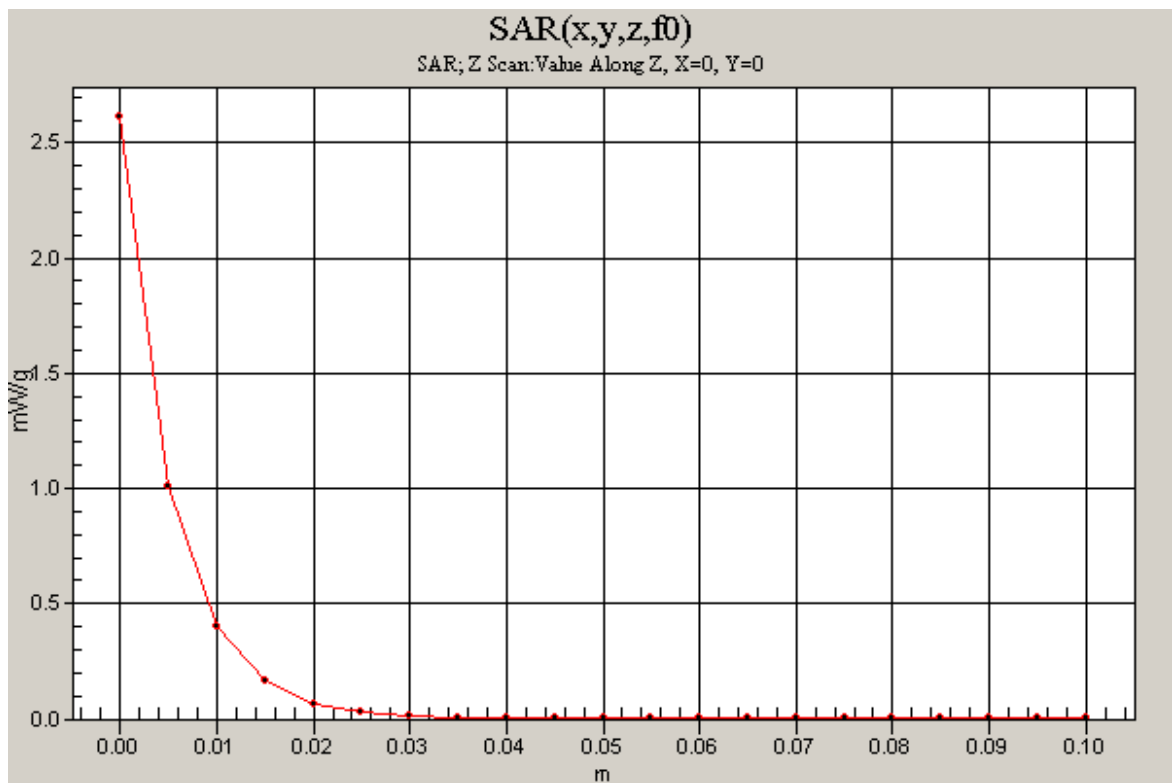
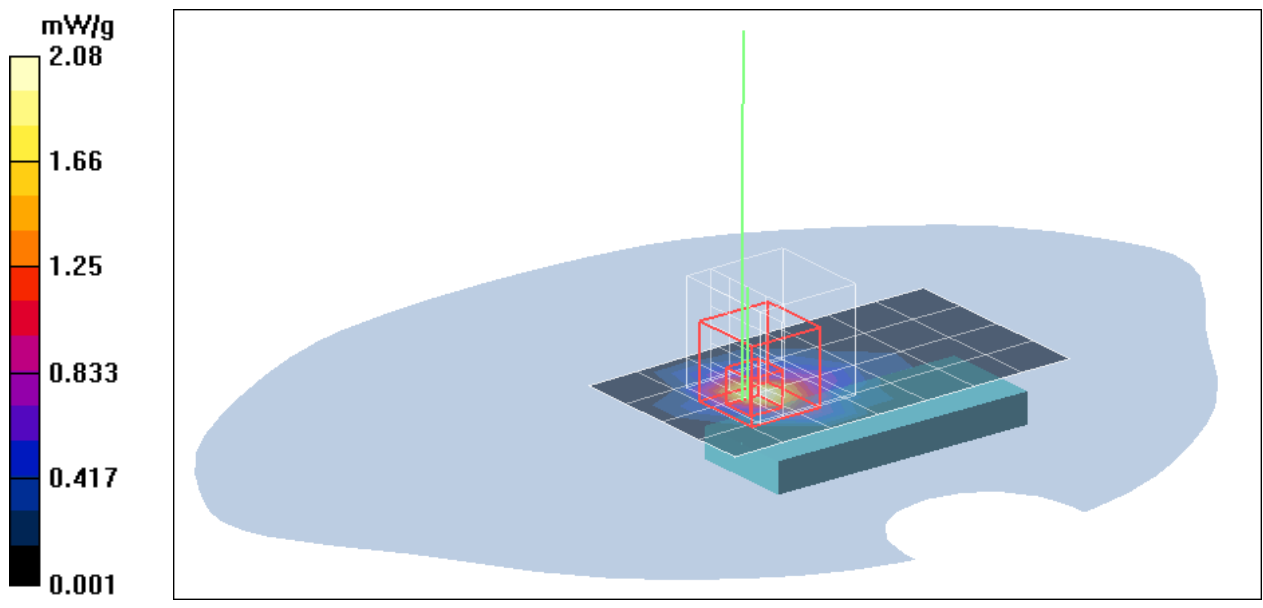
Peak SAR (extrapolated) = 4.34 W/kg

SAR(1 g) = 1.490 mW/g; SAR(10 g) = 0.644 mW/g

Maximum value of SAR (measured) = 2.08 mW/g

High CH, Rate=6.5M/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.61 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT40

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11n WLAN; Frequency: 2422 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2422$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=13.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.15 mW/g

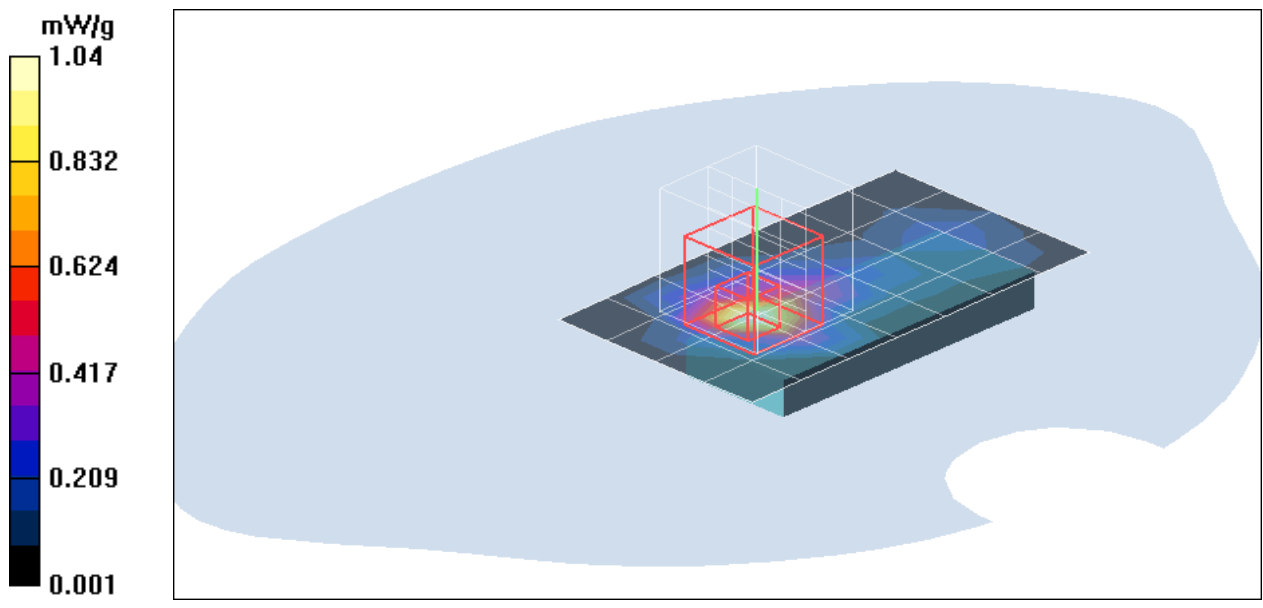
Low CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT40

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11n WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=13.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.63 mW/g

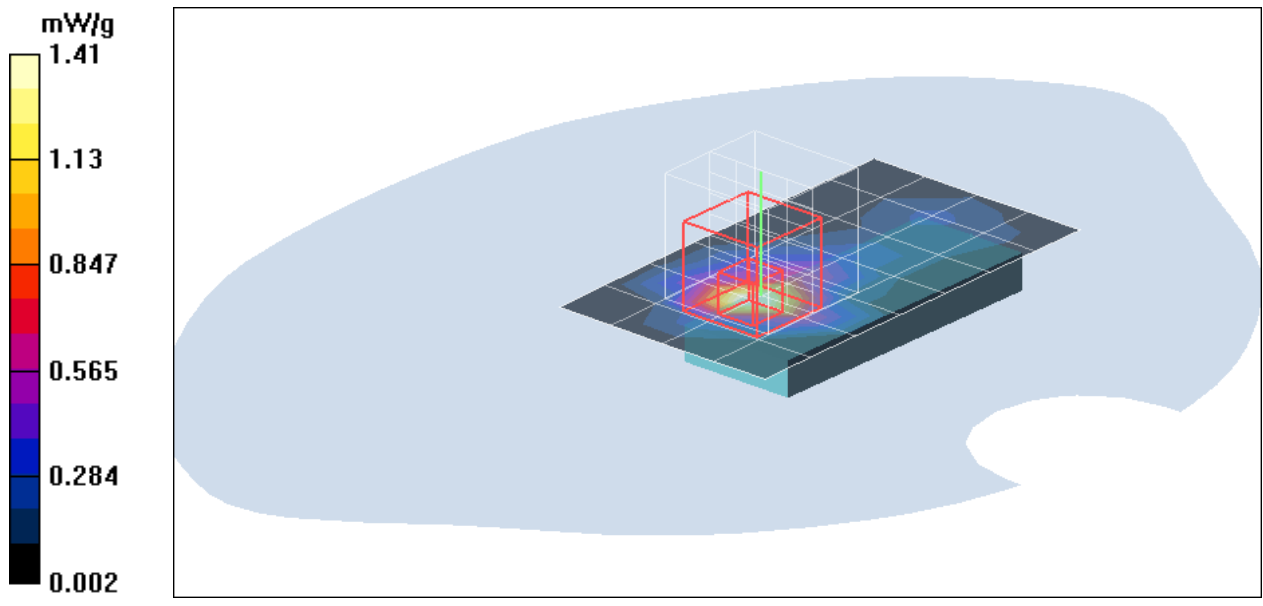
Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 1.41 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT40

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11n WLAN; Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

High CH, Rate=13.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.38 mW/g

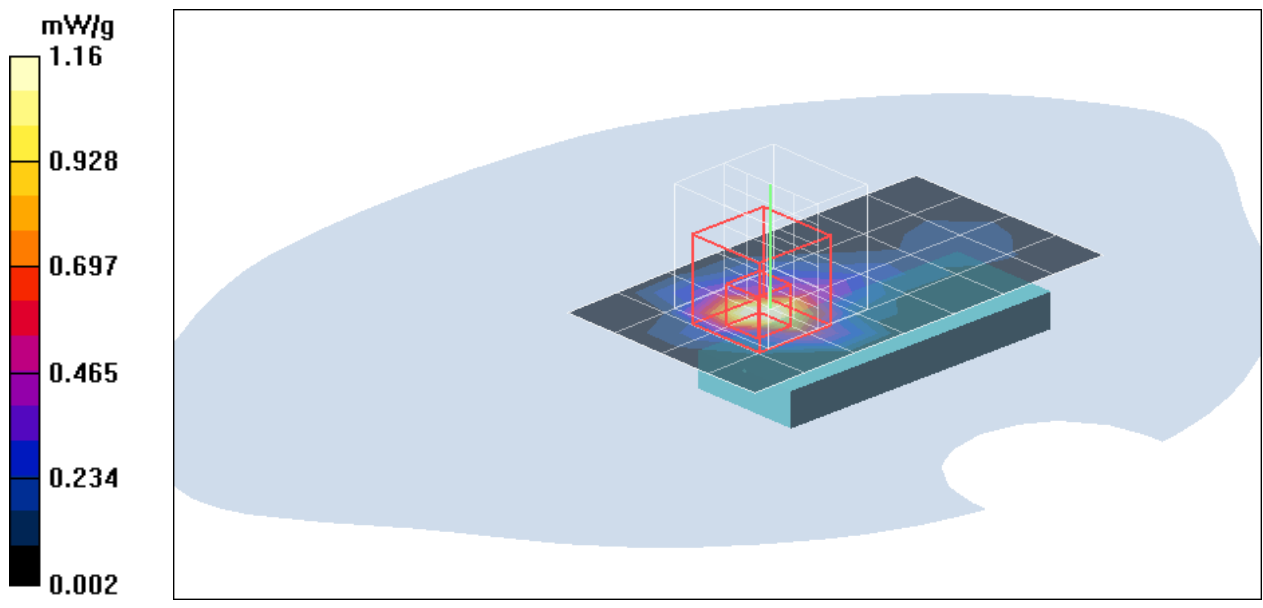
High CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Vertical Edge Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=1M/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.473 mW/g

Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

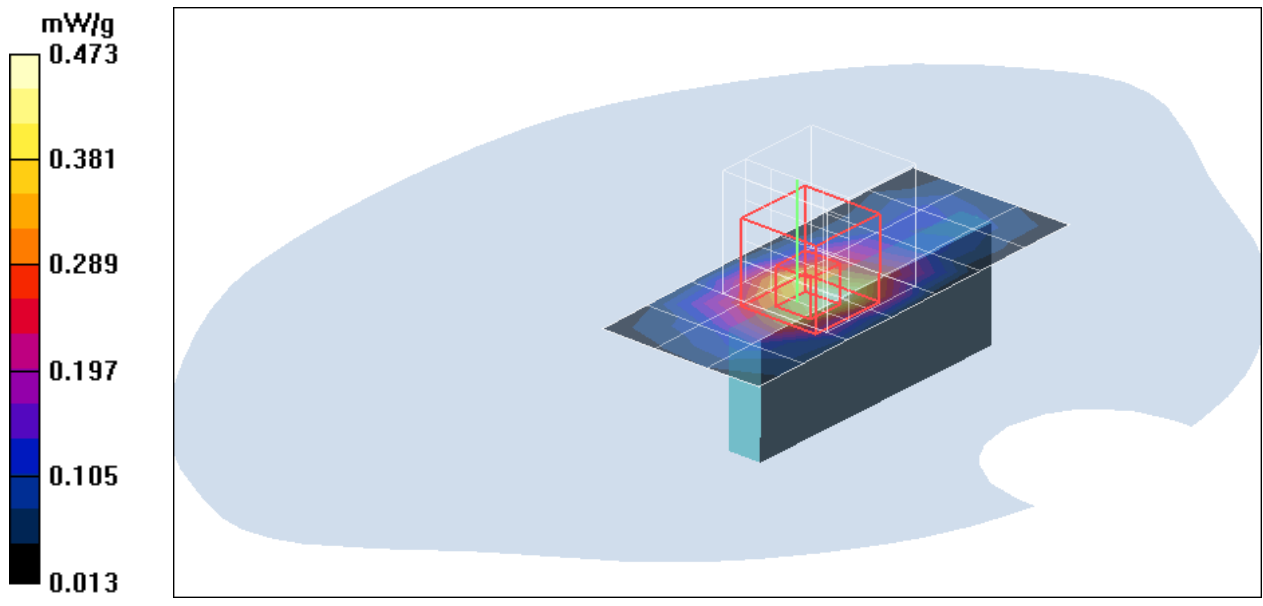
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.813 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Vertical Edge Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.665 mW/g

Middle CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

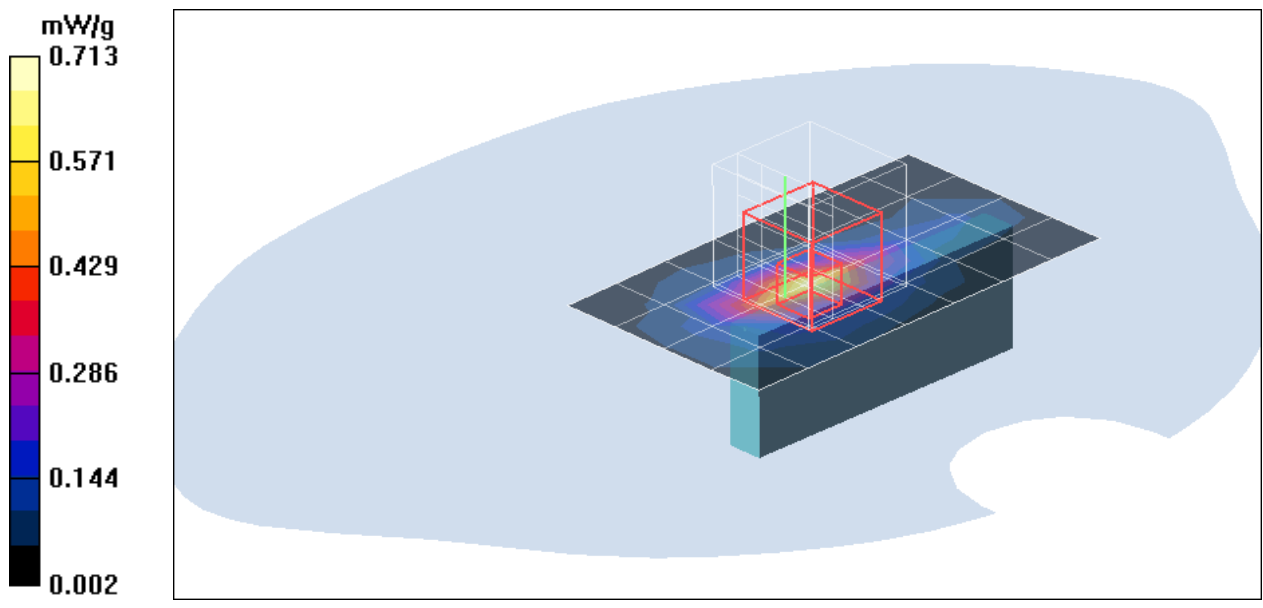
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.713 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Vertical Edge Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

High CH, Rate=1M/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.766 mW/g

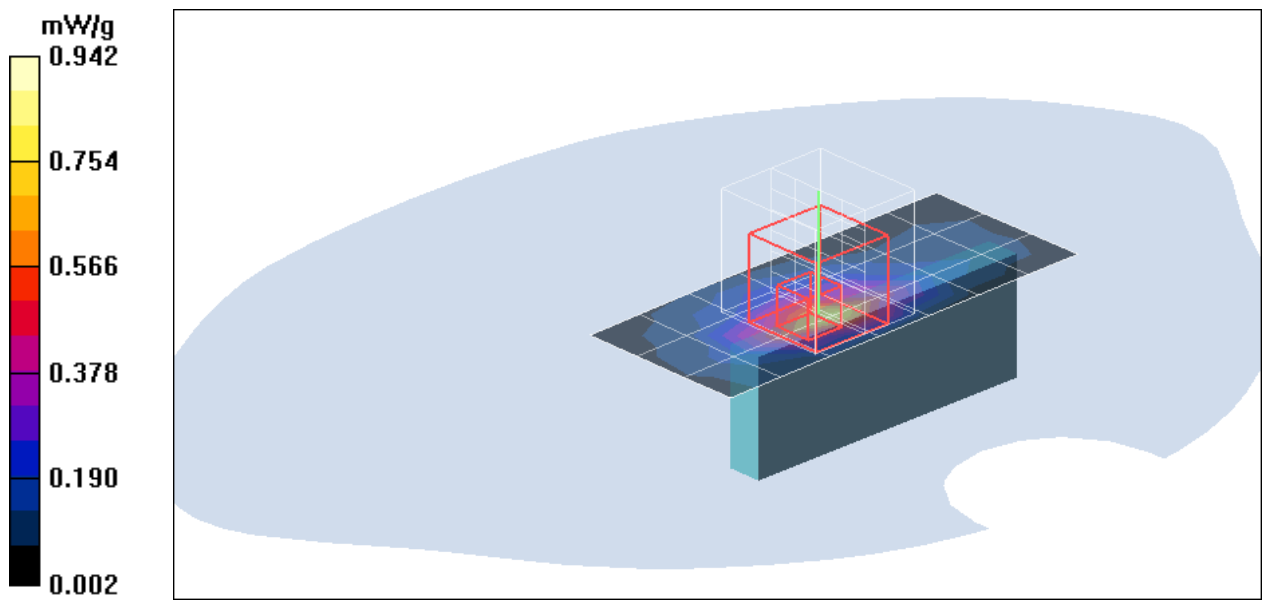
High CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Vertical Edge Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.577 mW/g

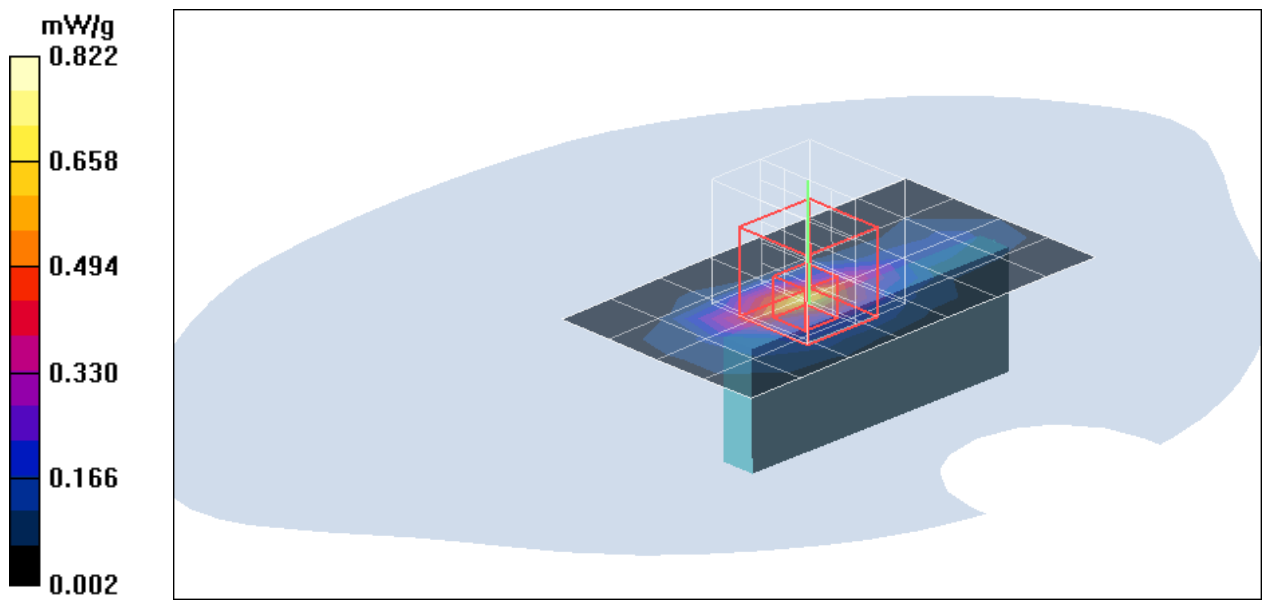
Low CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.632 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Vertical Edge Touched mode GN-WB31N-RH

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.331 mW/g

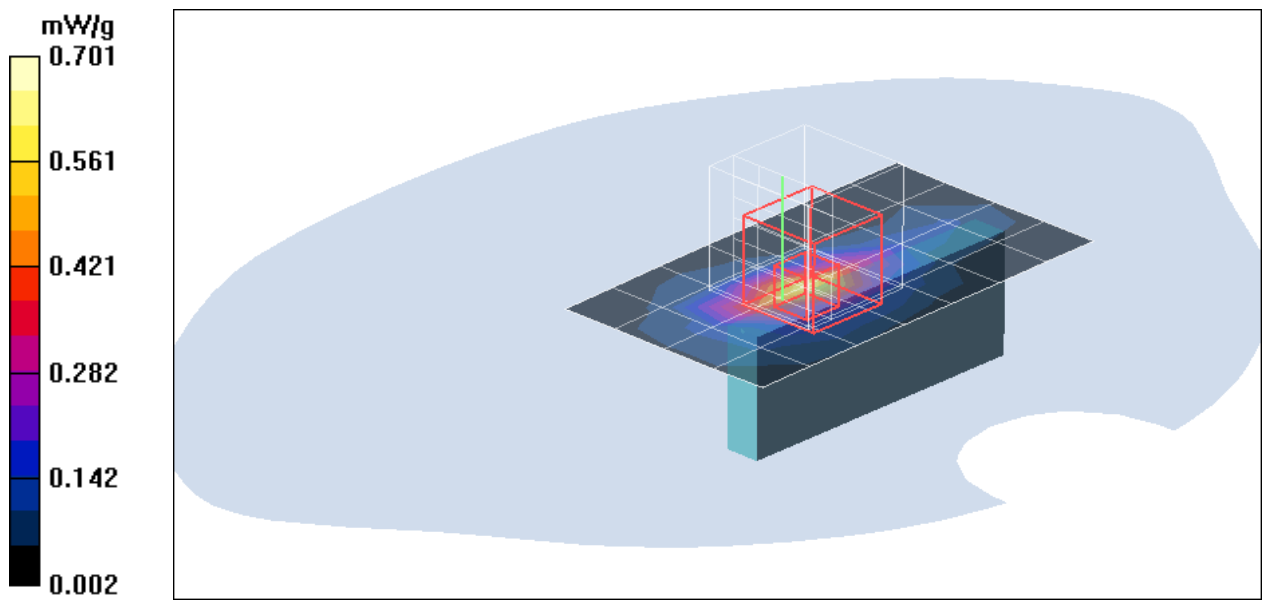
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.65 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.79 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.501 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Vertical Edge Touched mode GN-WB31N-RH HT20

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.717 mW/g

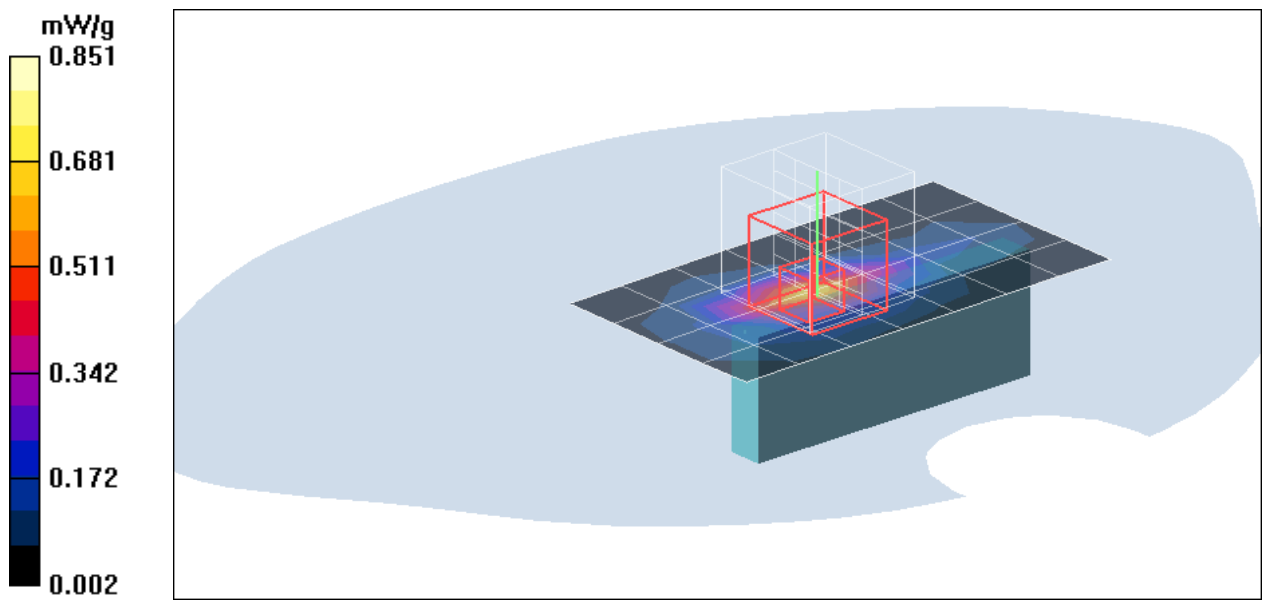
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.244 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

802.11g Vertical Edge Touched mode GN-WB31N-RH HT40

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.08, 8.08, 8.08);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=13.5M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 mW/g

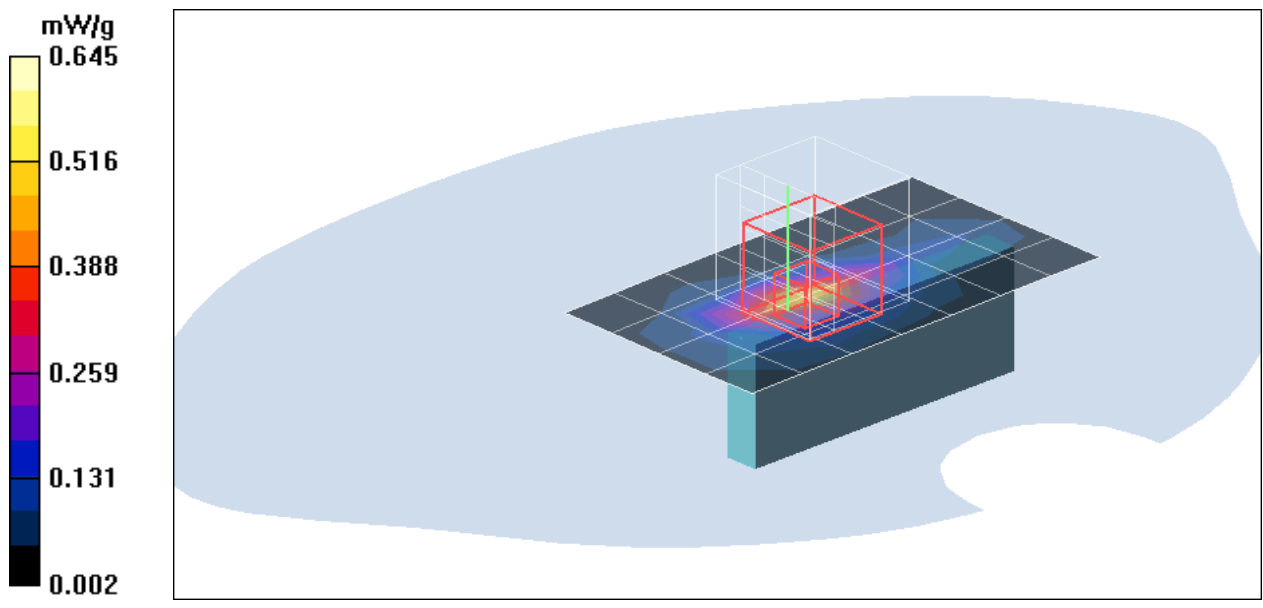
Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.645 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH ASUS

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

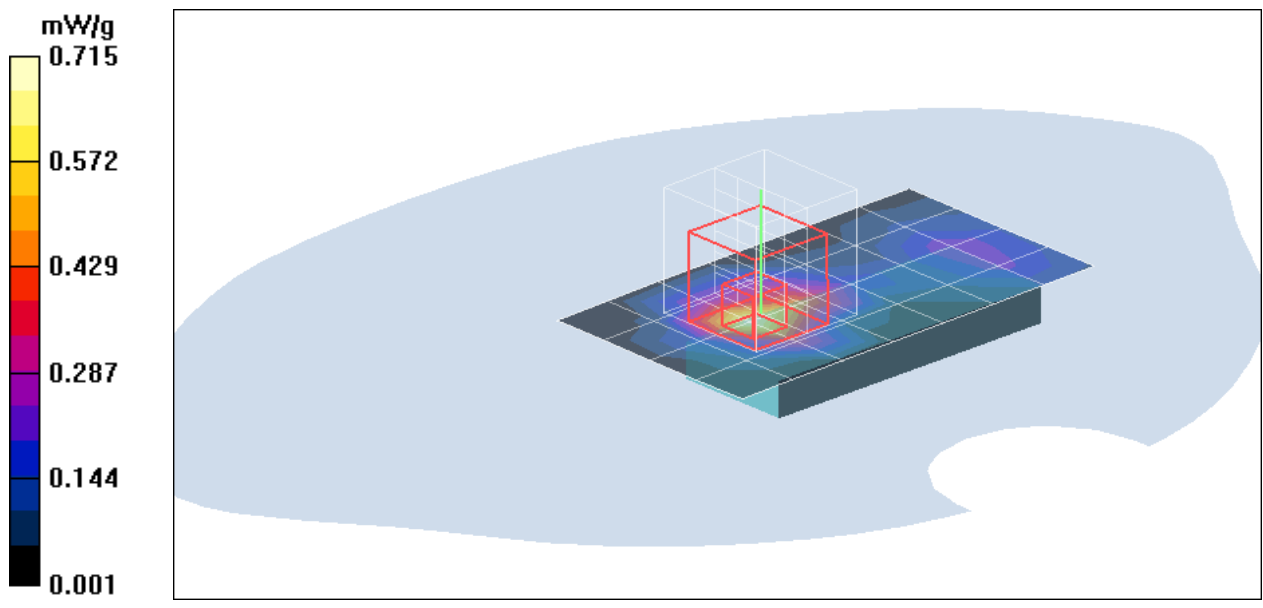
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.720 mW/g

Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.715 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH ASUS

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.746 mW/g

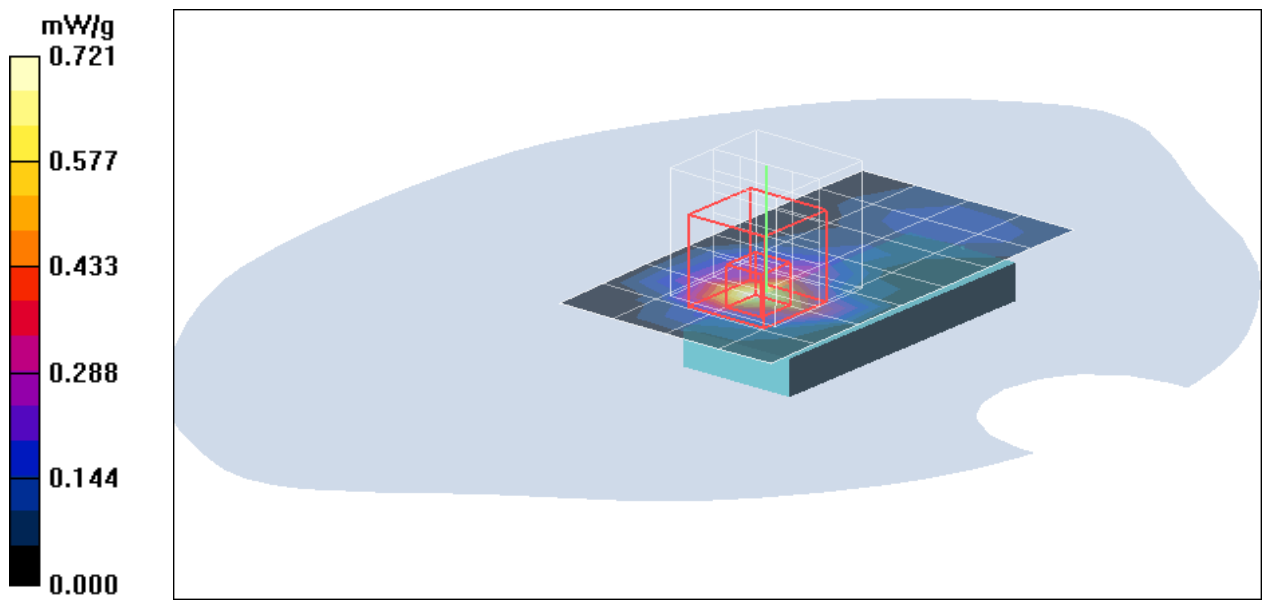
Middle CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.721 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH ASUS

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

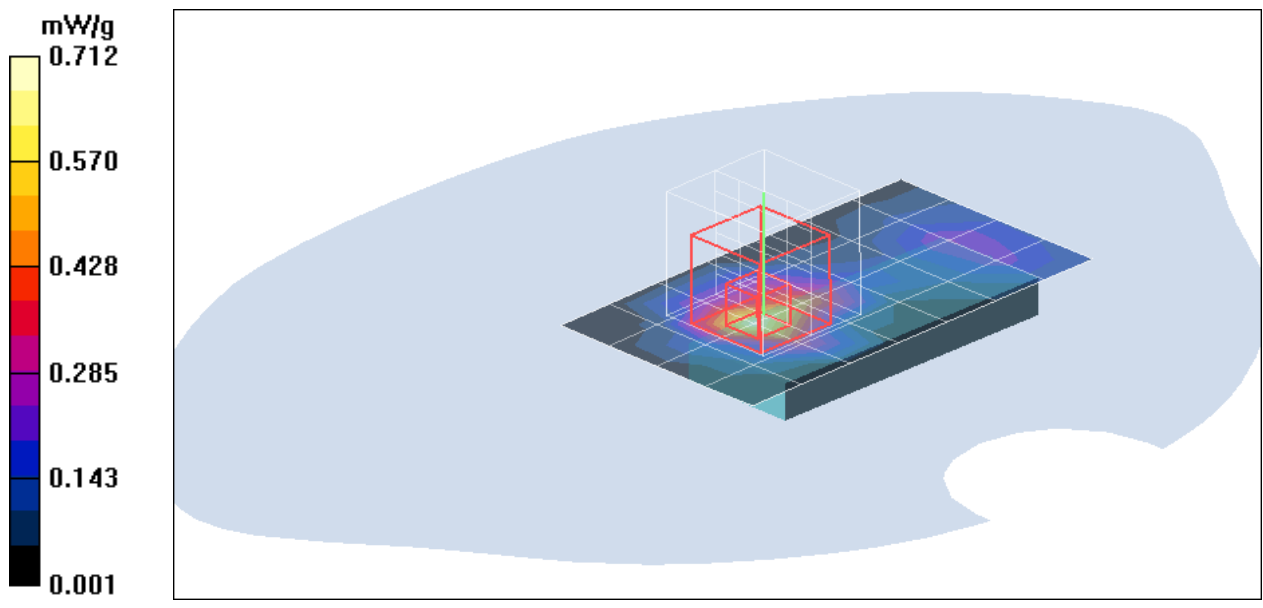
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.695 mW/g

Low CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.702 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH ASUS

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.741 mW/g

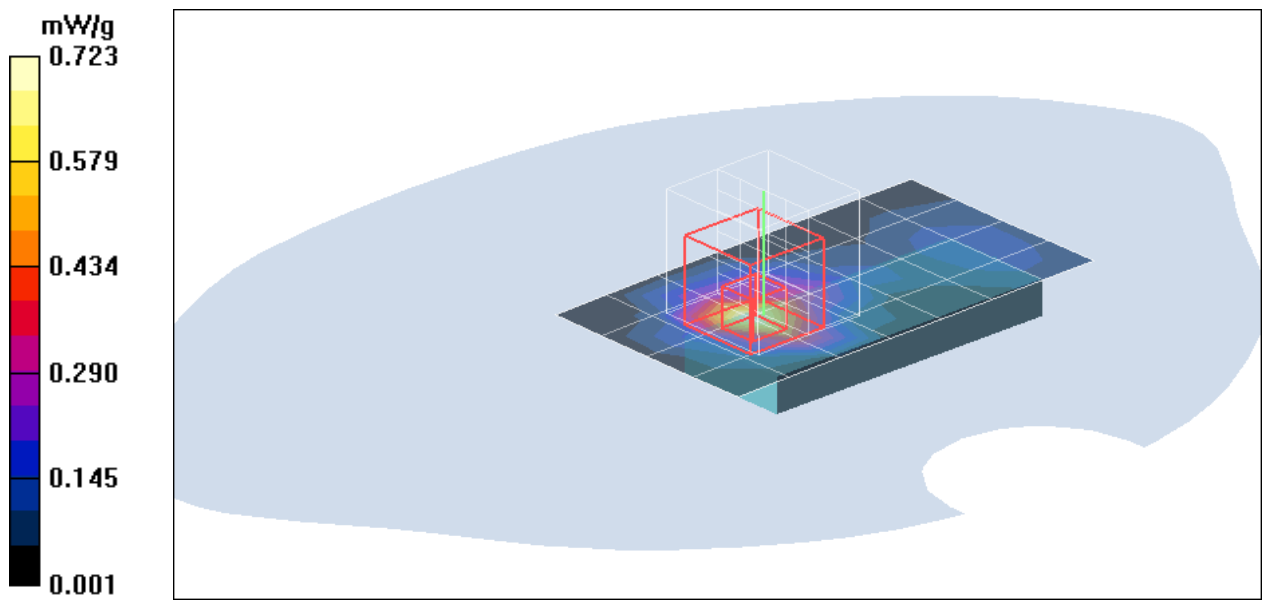
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.715 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT20 ASUS

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6.5M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.843 mW/g

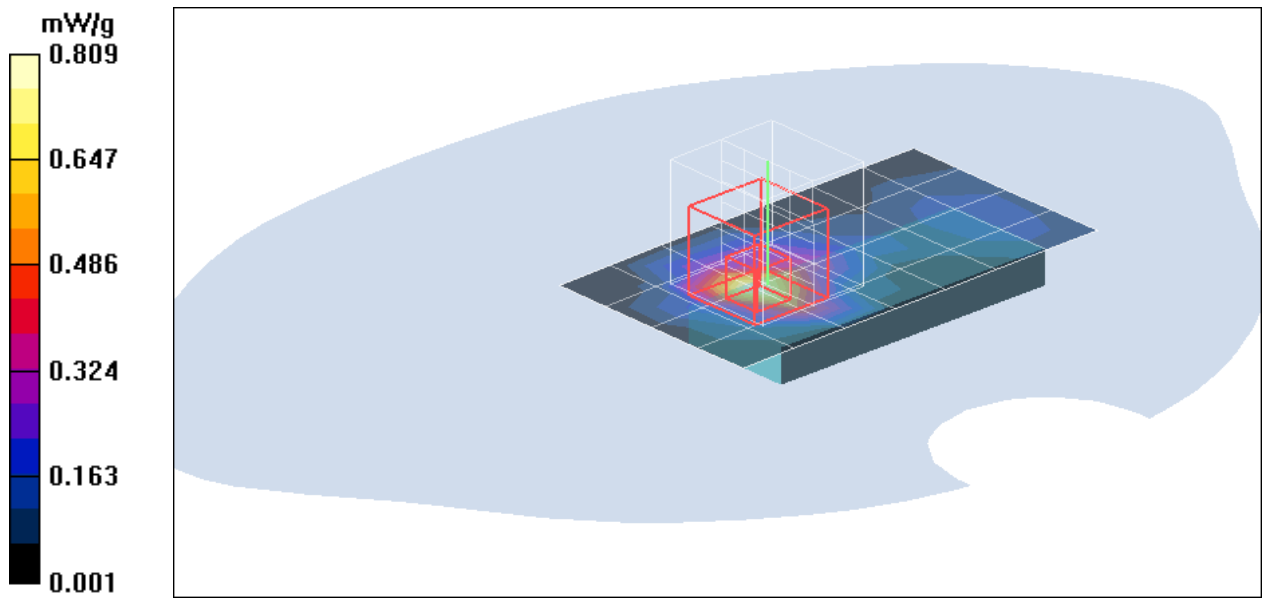
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.809 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT40 ASUS

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11n WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=13.5M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.564 mW/g

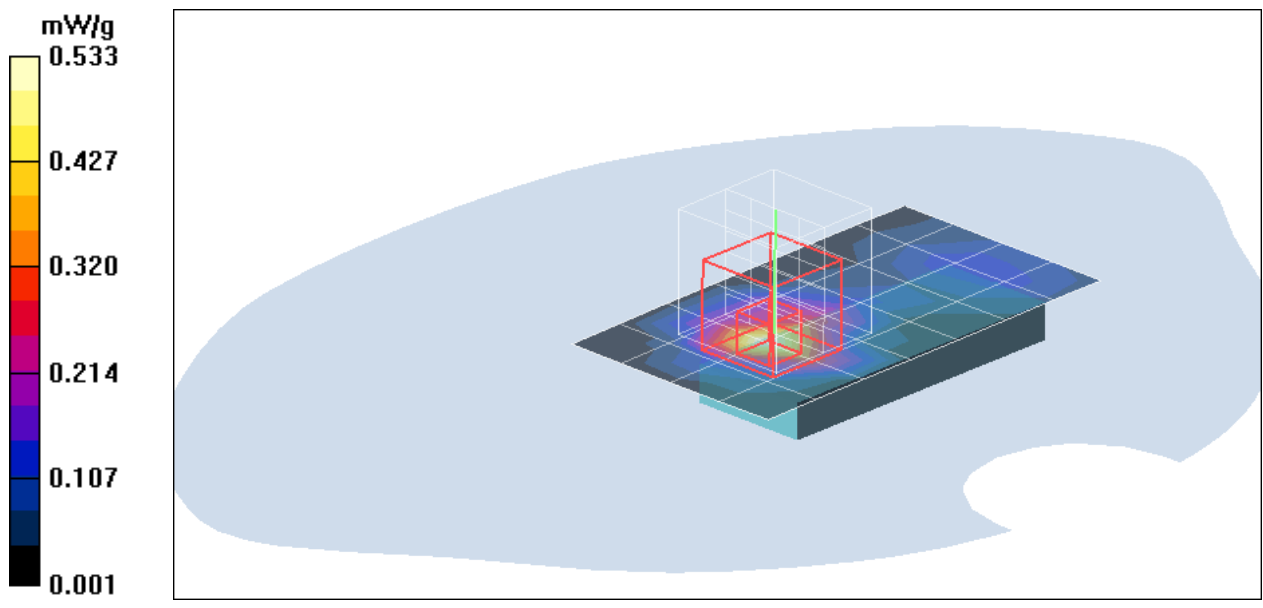
Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.533 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH SONY

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

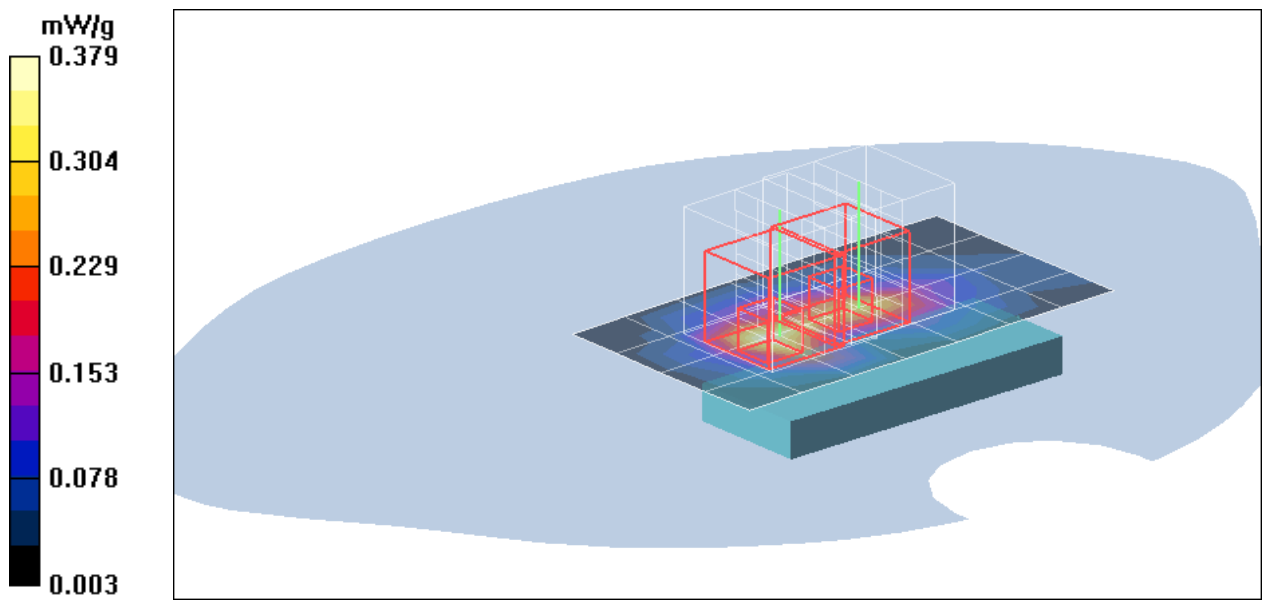
DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.379 mW/g

Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.354 mW/g

Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 1: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.326 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Horizontal Bottom Flat Touched mode GN-WB31N-RH SONY

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=1M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.361 mW/g

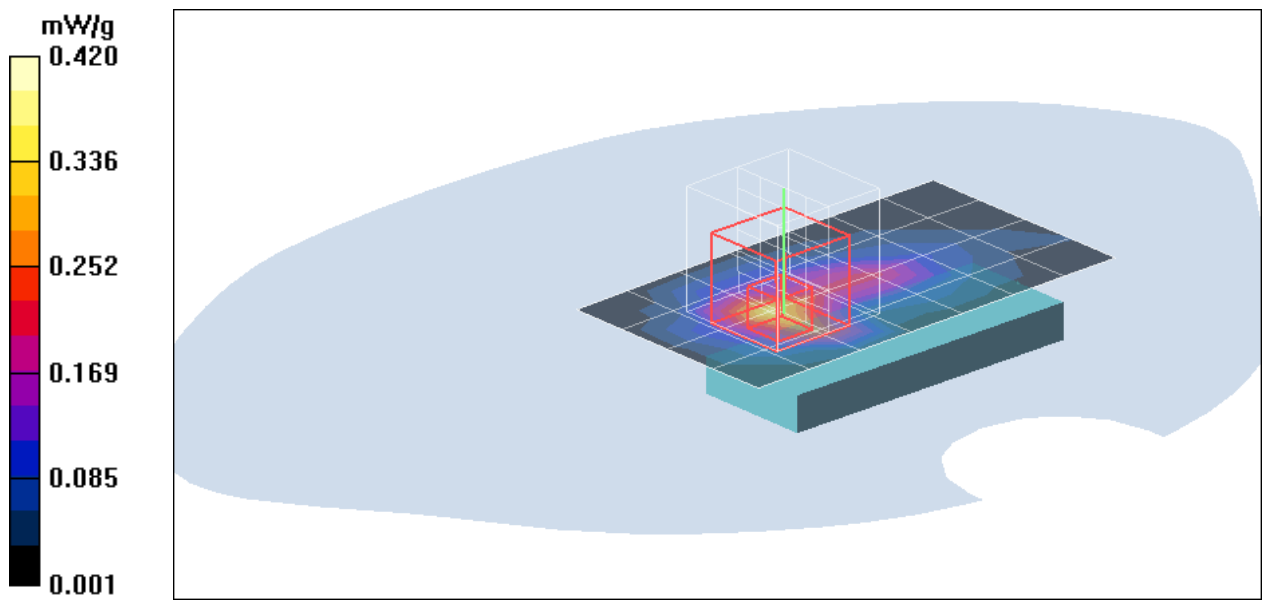
Middle CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.420 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH SONY

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

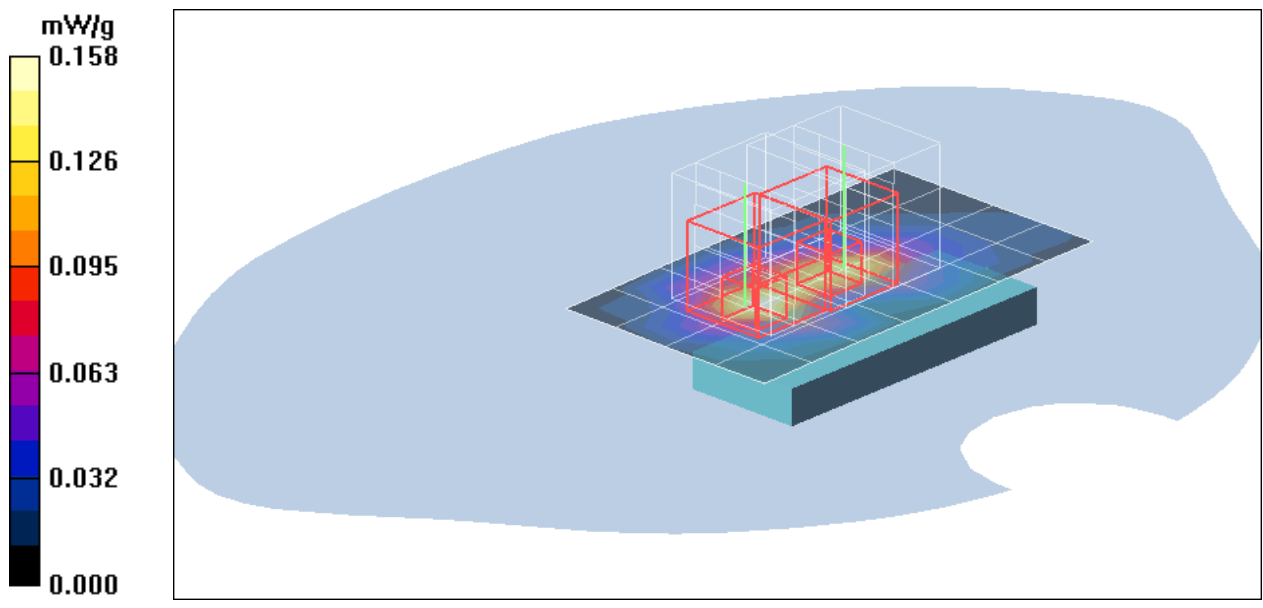
DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.162 mW/g

Low CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.08 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.158 mW/g

Low CH, Rate=6M/Zoom Scan (5x5x7)/Cube 1: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.08 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.149 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH SONY

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.177 mW/g

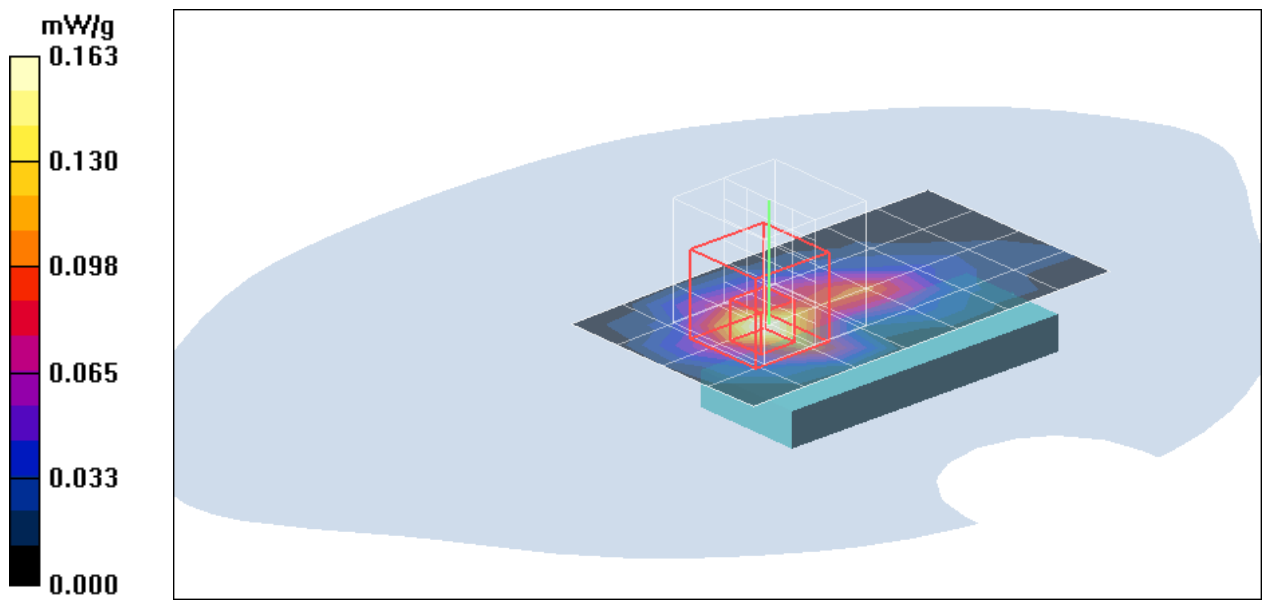
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.163 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT20 SONY

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=6.5M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.191 mW/g

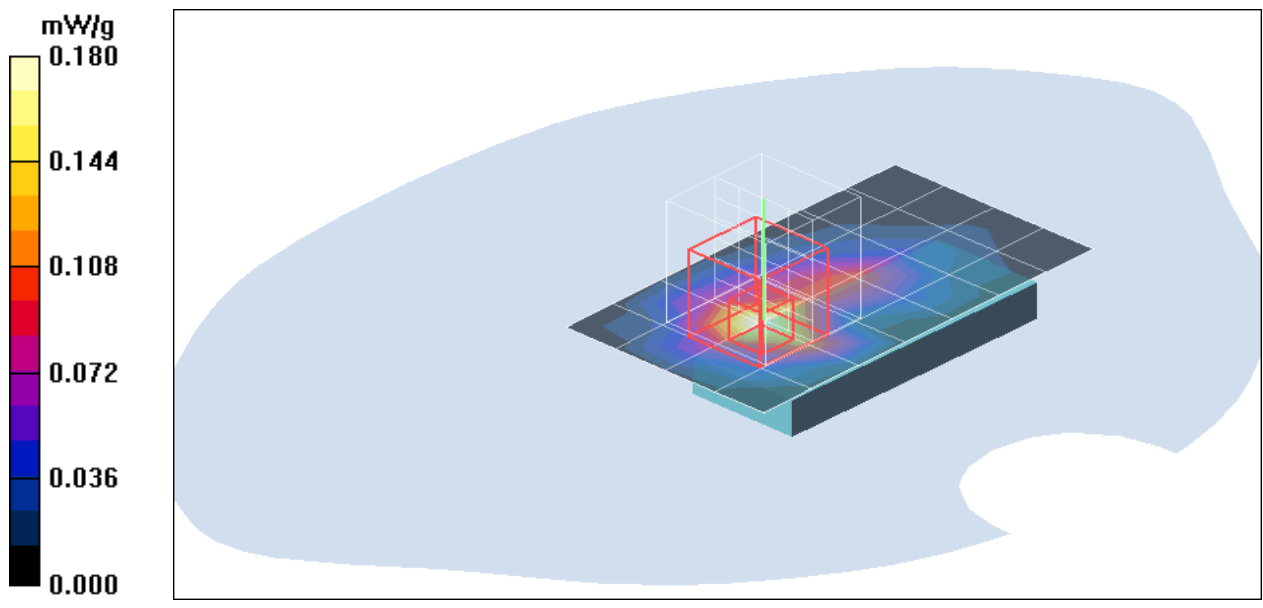
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.88 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Horizontal Bottom Flat Touched mode GN-WB31N-RH HT40 SONY

DUT: GN-WB31N-RH; Type: 802.11n USB Dongle; Serial: N/A

Communication System: IEEE 802.11n WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH, Rate=13.5M/Area Scan (5x8x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.132 mW/g

Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.13 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.125 mW/g

Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 1: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.13 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.099 mW/g

