

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; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 9.98 mW/g

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

Reference Value = 90.9 V/m; Power Drift = -0.121 dB

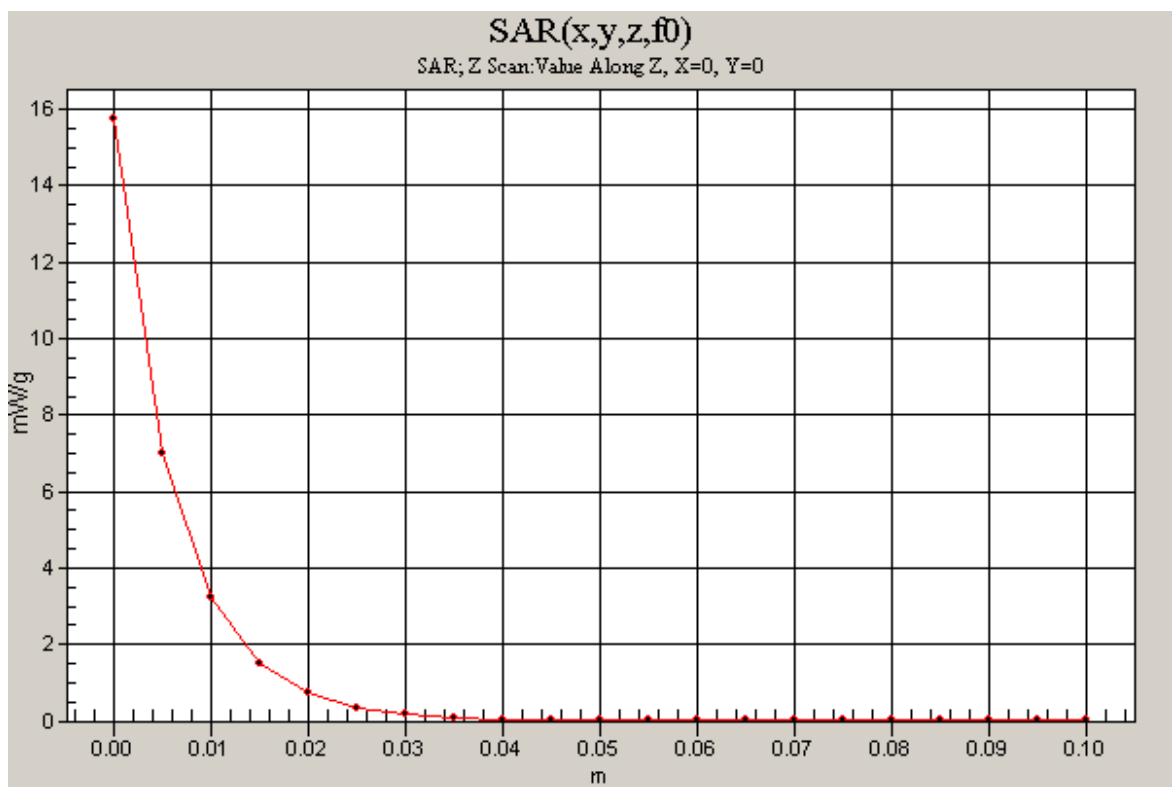
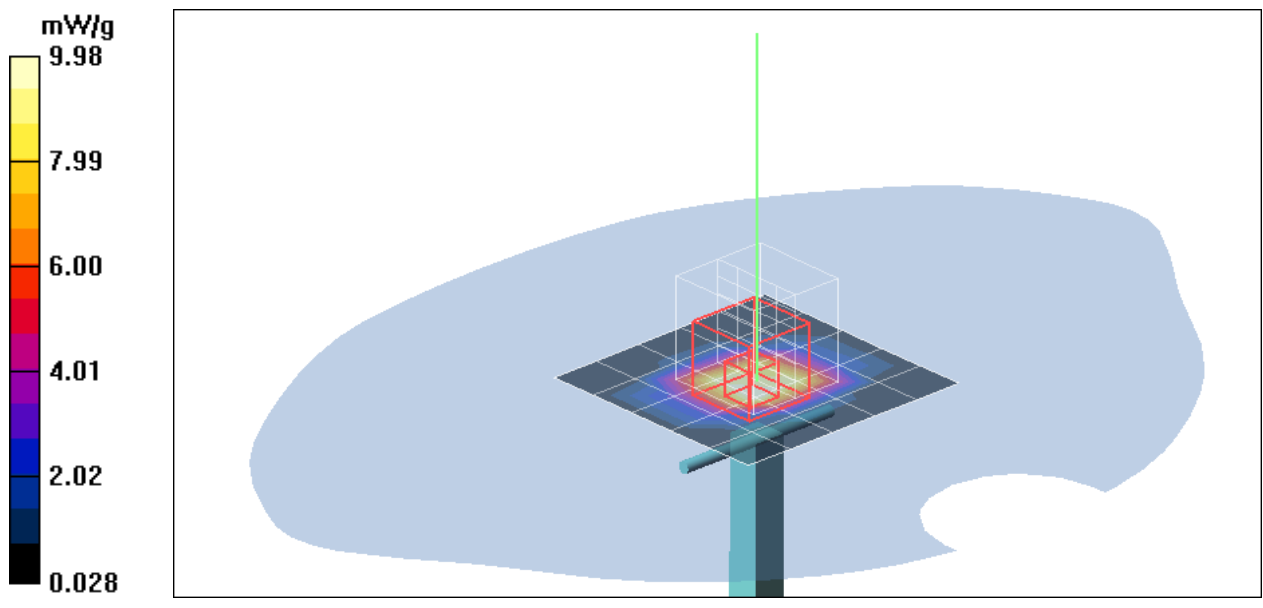
Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 14 mW/g; SAR(10 g) = 6.13 mW/g

Maximum value of SAR (measured) = 15.6 mW/g

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

Maximum value of SAR (measured) = 15.8 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony PCG-GRT309Z

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.641 mW/g

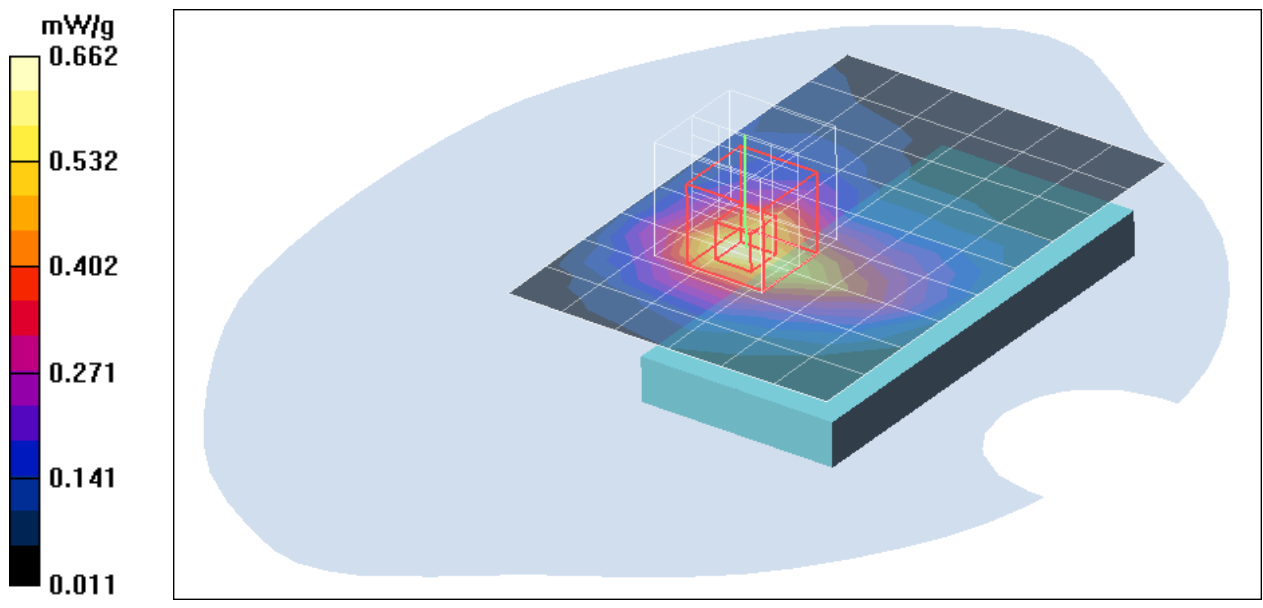
Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.910 W/kg

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.662 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony PCG-GRT309Z

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.796 mW/g

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

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

Reference Value = 11.9 V/m; Power Drift = -0.056 dB

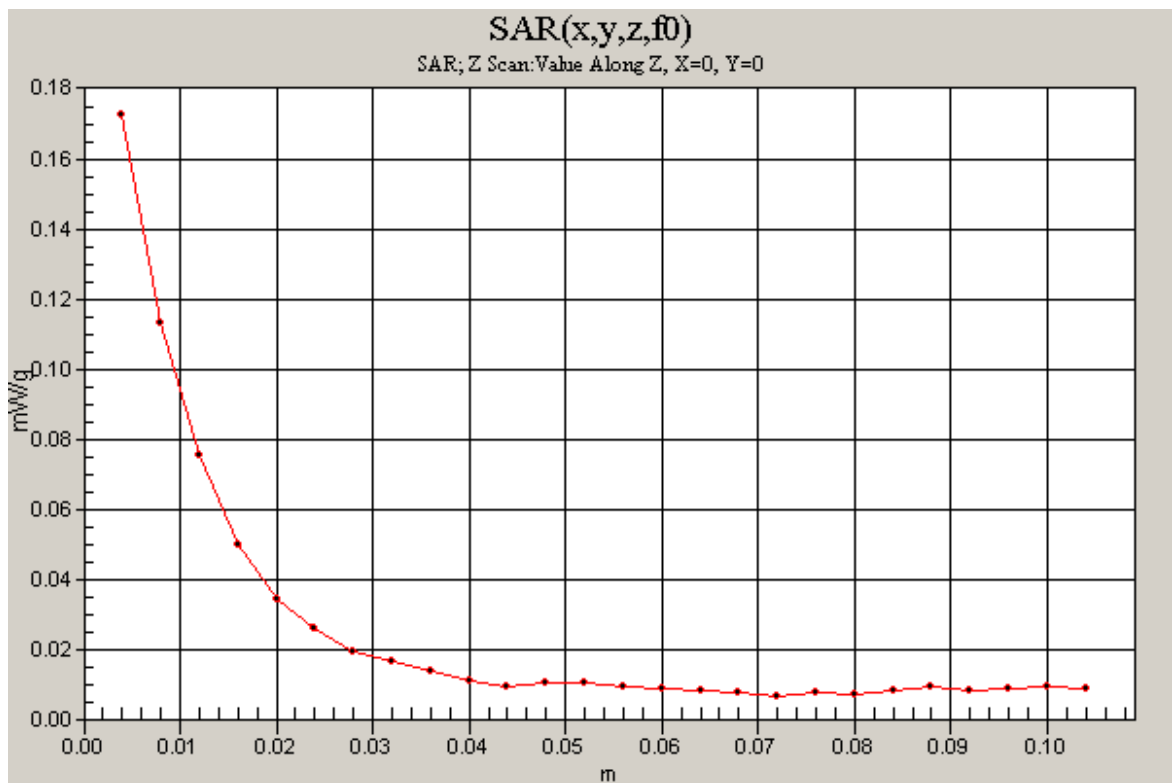
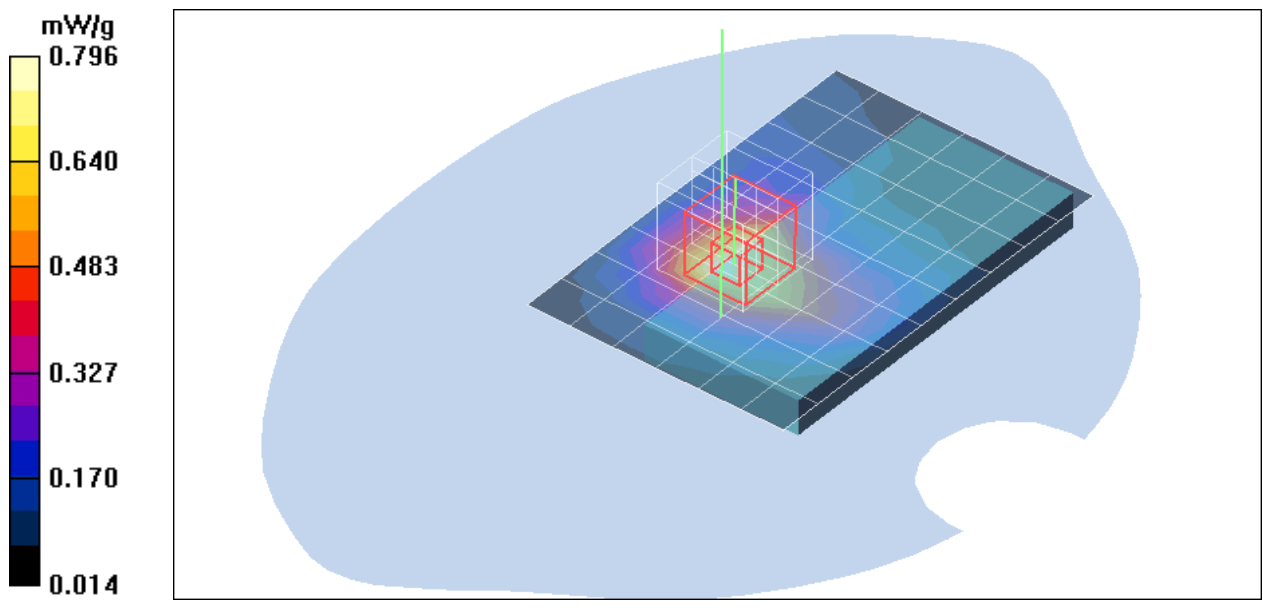
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.837 mW/g

Middle CH, Rate=1M/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.173 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony PCG-GRT309Z

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.668 mW/g

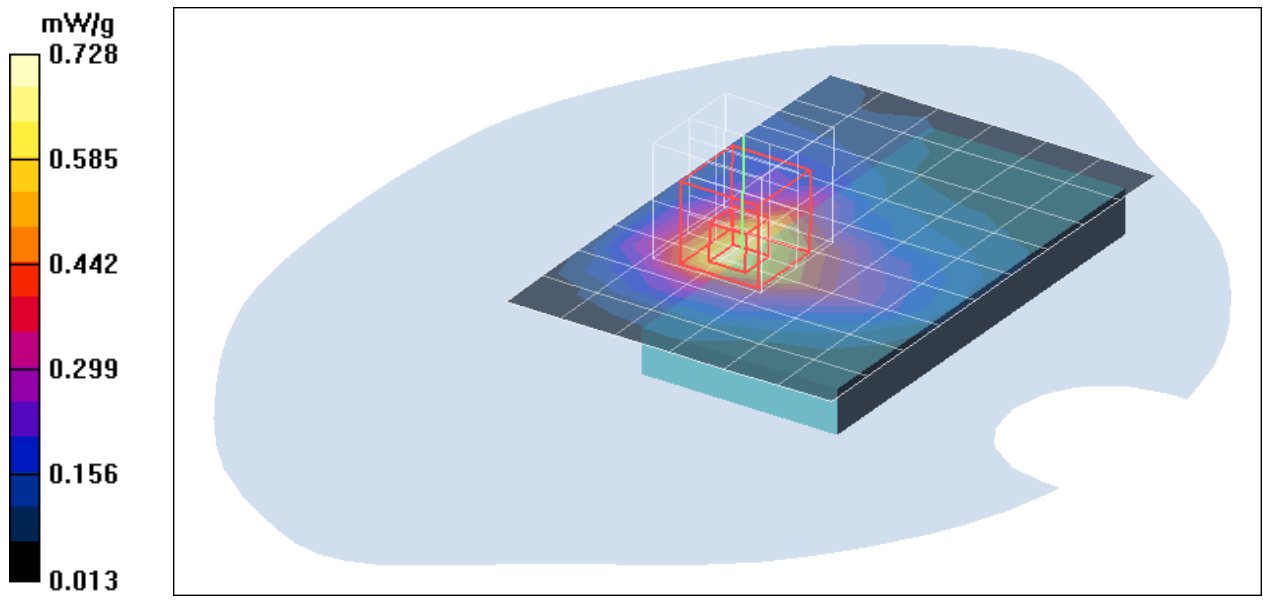
High CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.74 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.728 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Flat Touched mode Sony PCG-GRT309Z

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=6M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.451 mW/g

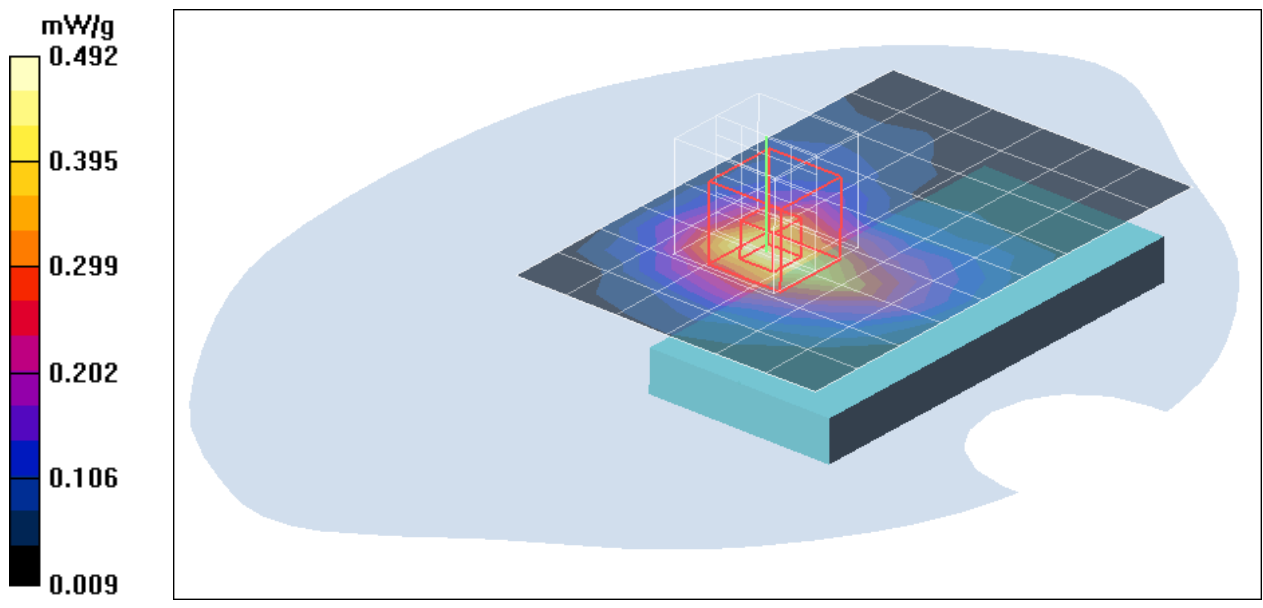
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.492 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n Bottom Flat Touched mode HT20 Sony PCG-GRT309Z

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=6.5M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.512 mW/g

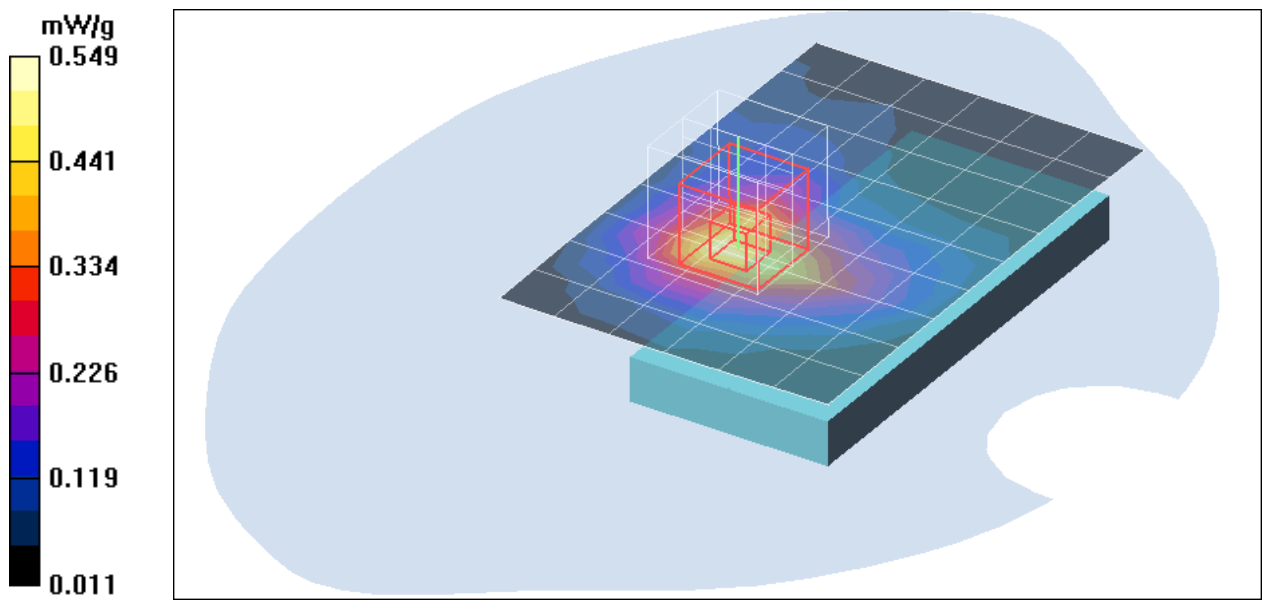
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.35 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n Bottom Flat Touched mode HT40 Sony PCG-GRT309Z

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=13.5M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.446 mW/g

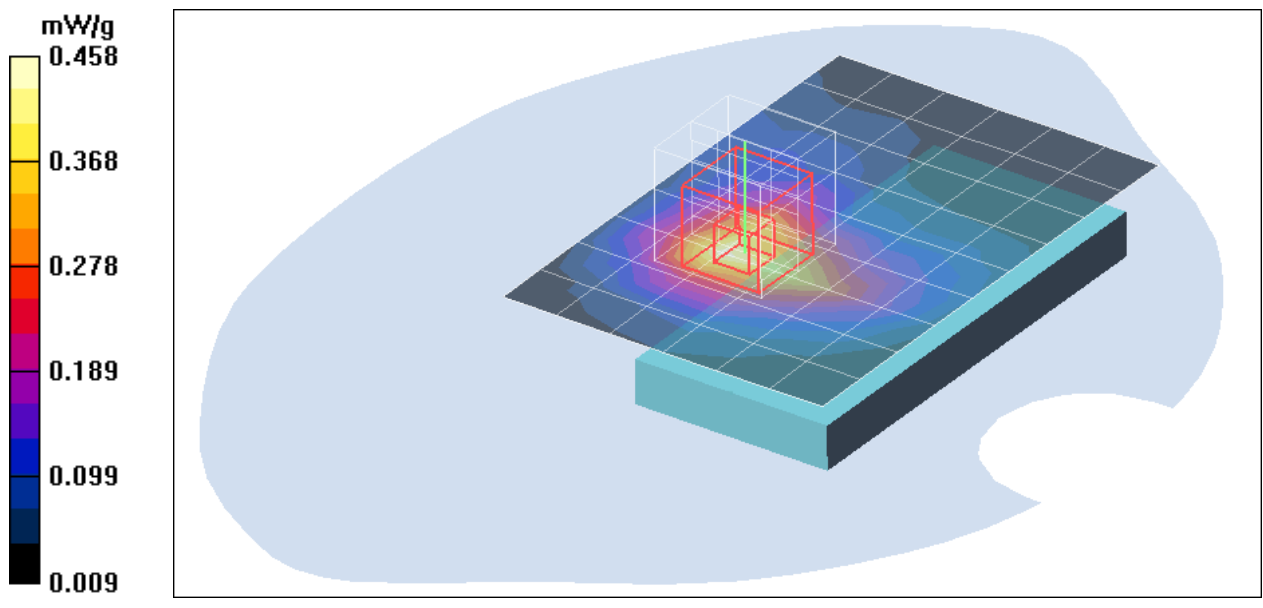
Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.88 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.458 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony VGN-B55T

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.876 mW/g

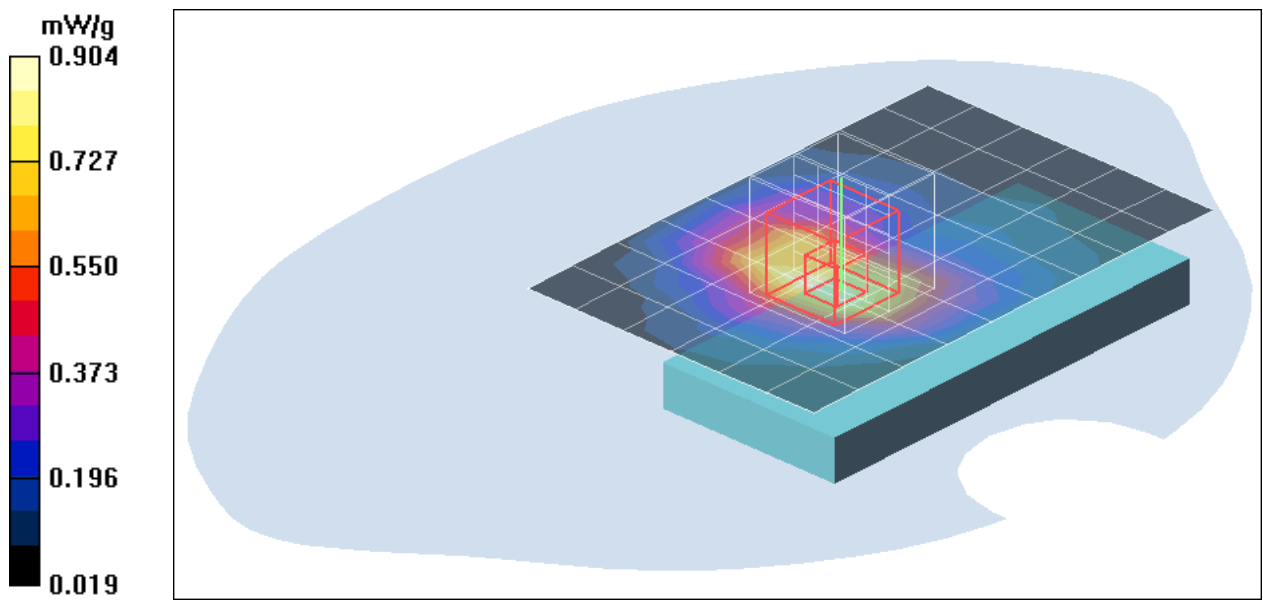
Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 0.904 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony VGN-B55T

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.927 mW/g

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

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

Reference Value = 11.8 V/m; Power Drift = -0.081 dB

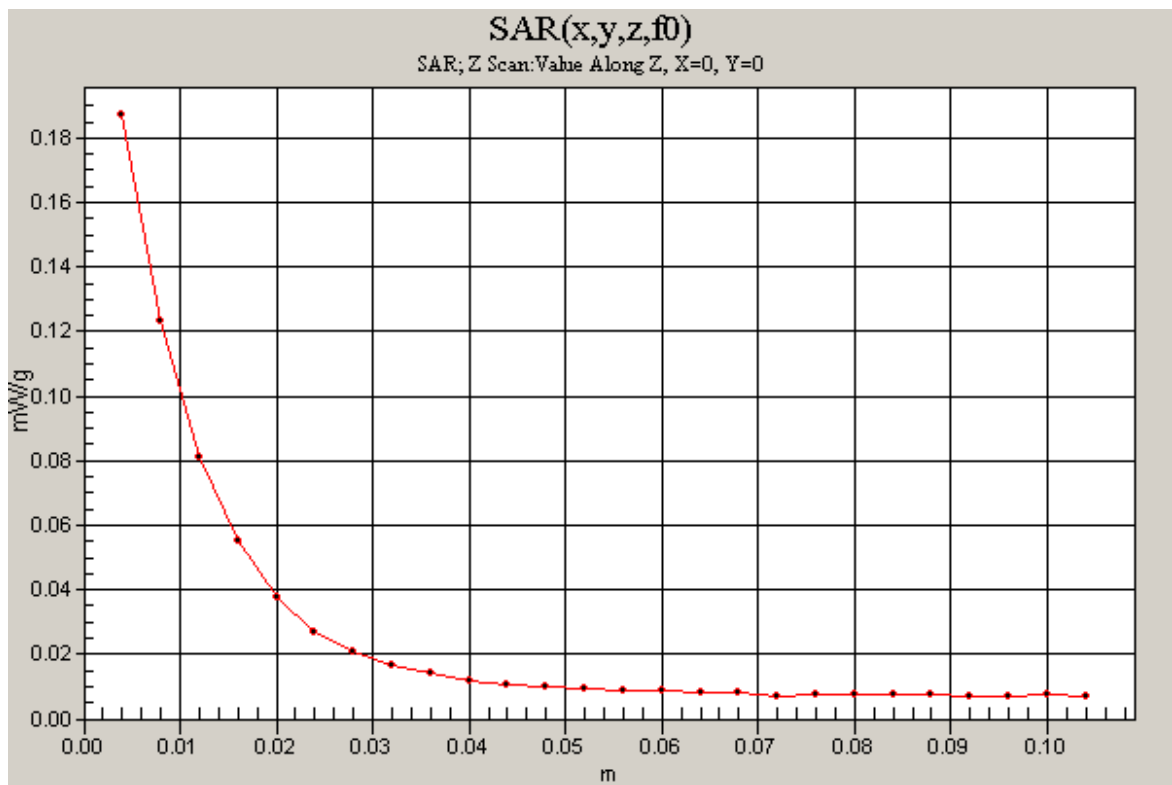
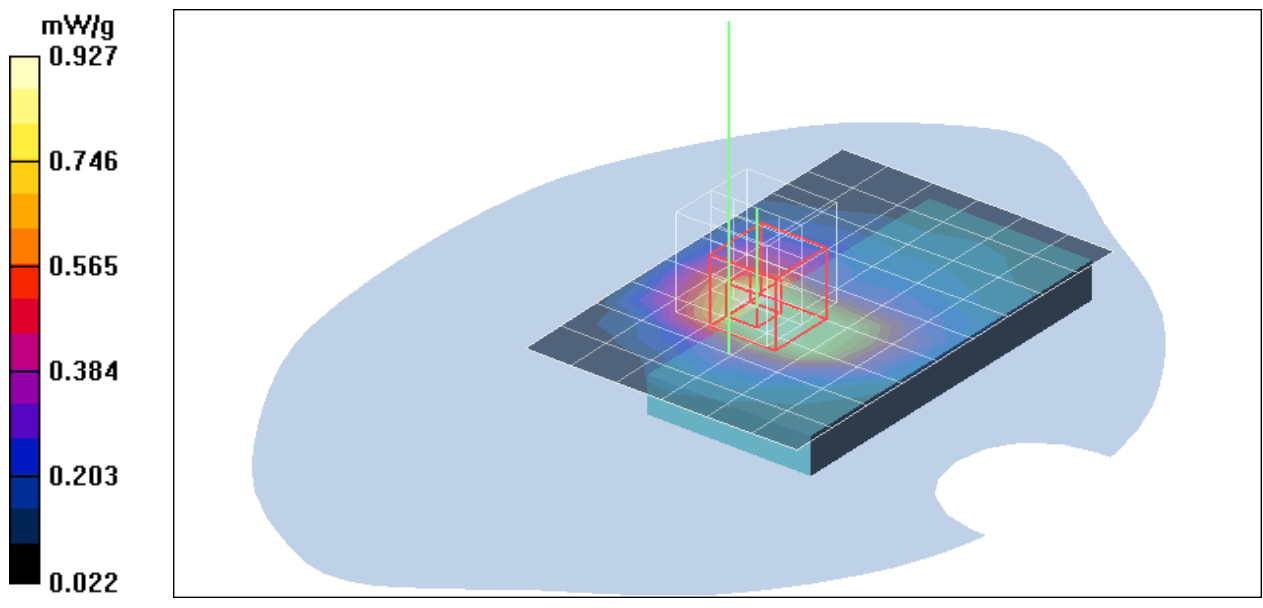
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.963 mW/g

Middle CH, Rate=1M/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.187 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony VGN-B55T

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.847 mW/g

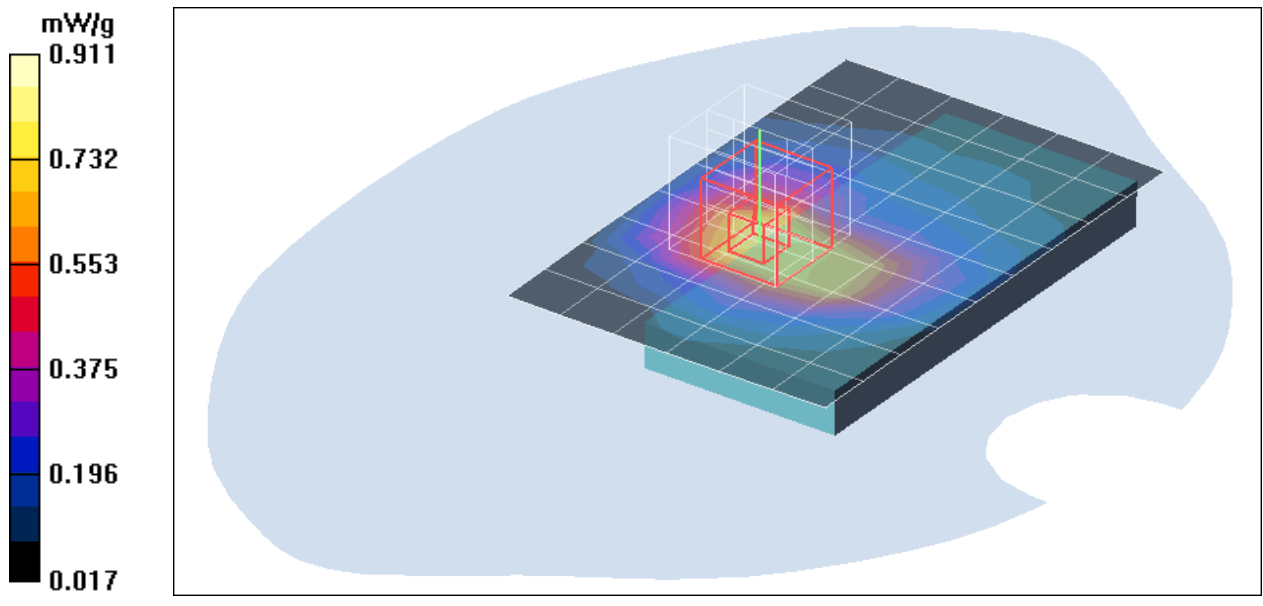
High CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.911 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Flat Touched mode Sony VGN-B55T

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=6M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.523 mW/g

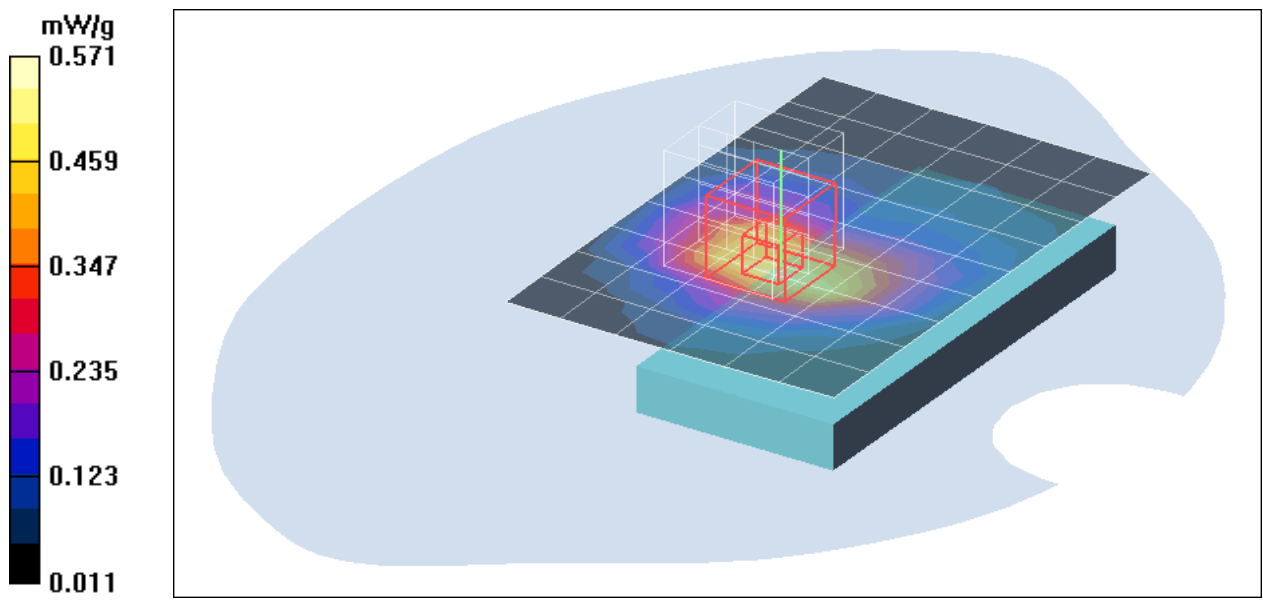
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.21 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.571 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n Bottom Flat Touched mode HT20 Sony VGN-B55T

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=6.5M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.543 mW/g

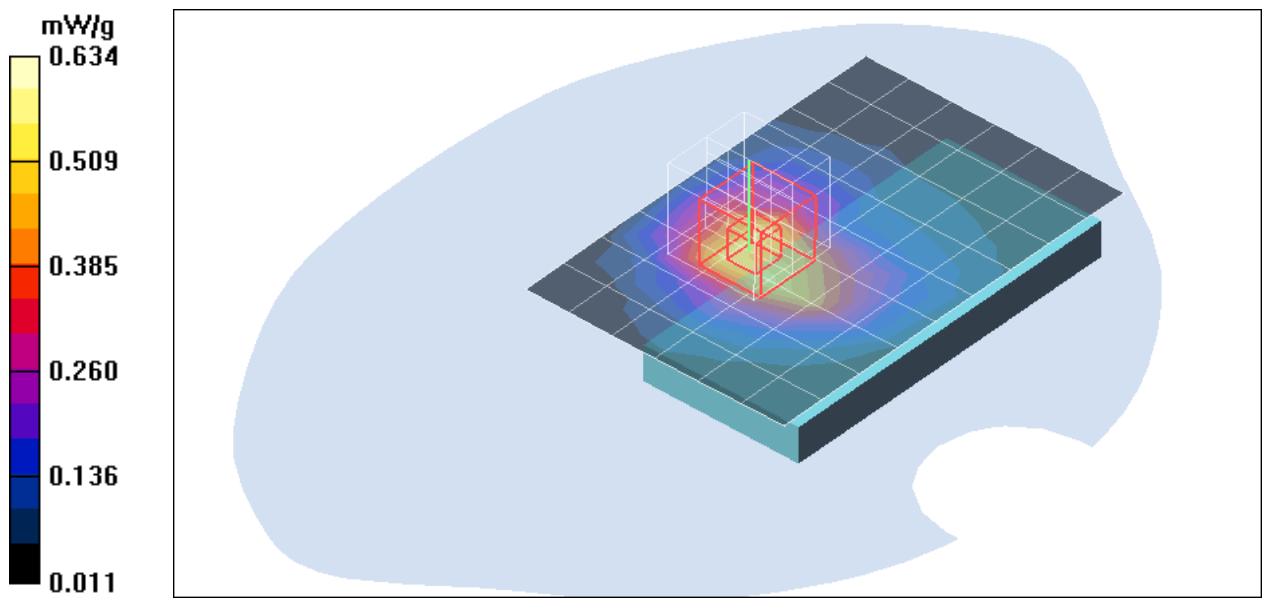
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.08 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n Bottom Flat Touched mode HT40 Sony VGN-B55T

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=13.5M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.429 mW/g

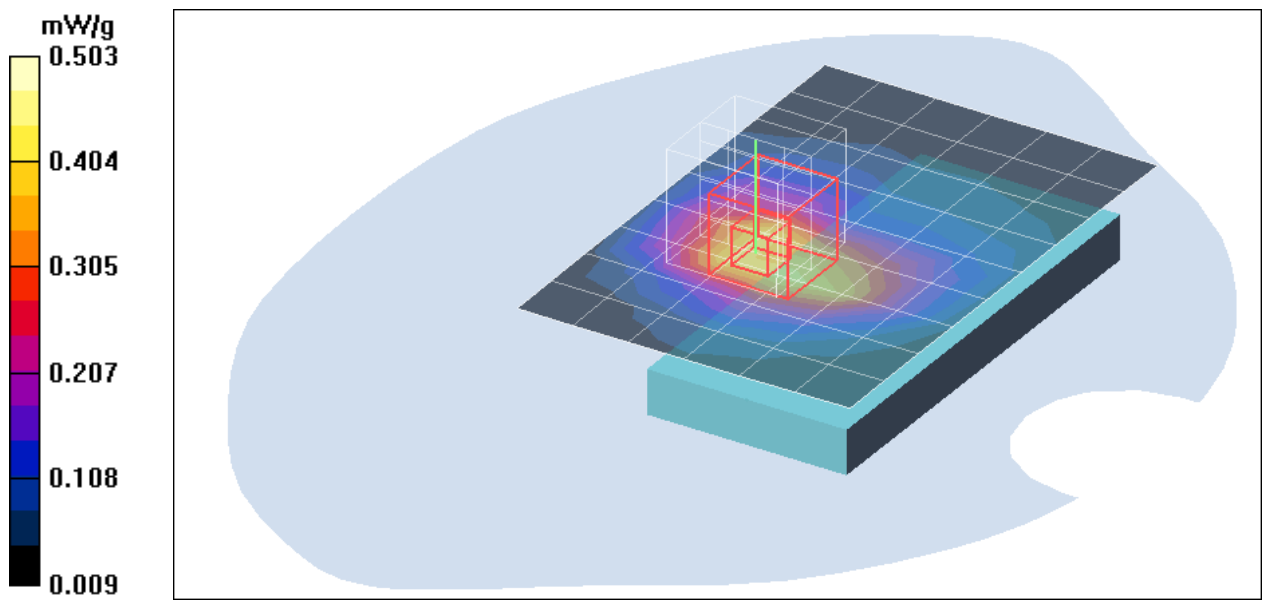
Middle CH, Rate=13.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.23 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.503 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony VGN-S44TP

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.725 mW/g

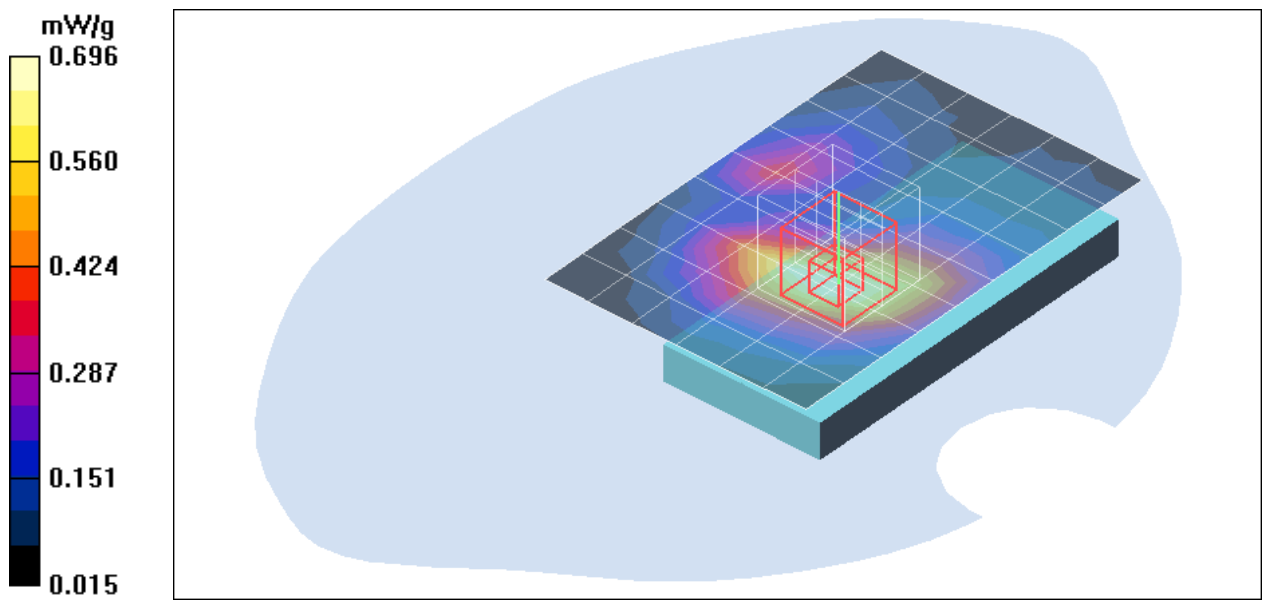
Low CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.696 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony VGN-S44TP

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.793 mW/g

Middle 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 = -0.014 dB

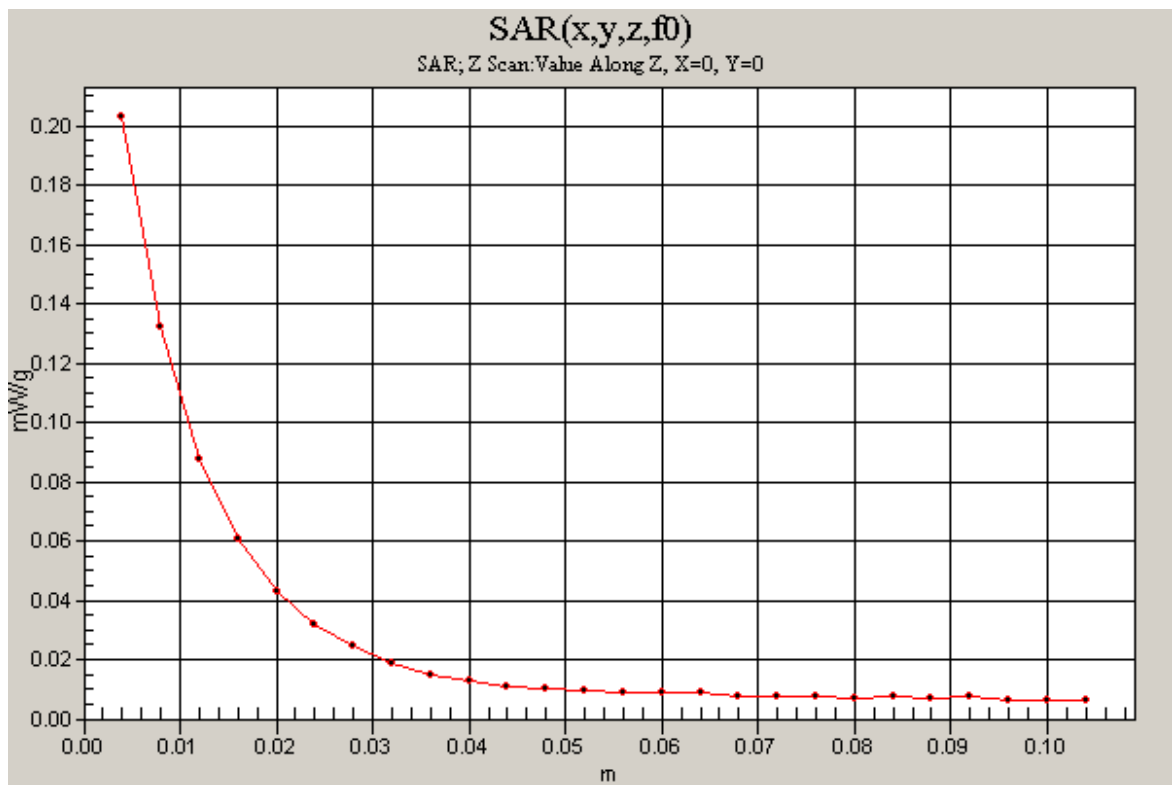
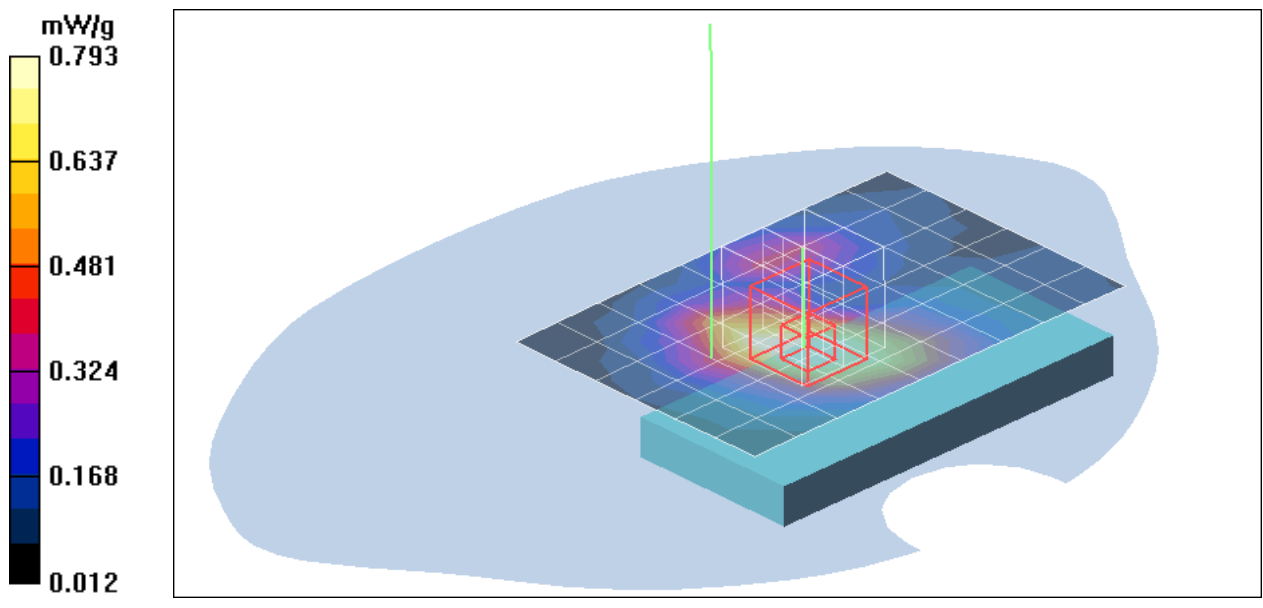
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.795 mW/g

Middle CH, Rate=1M/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.203 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touched mode Sony VGN-S44TP

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High CH, Rate=1M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

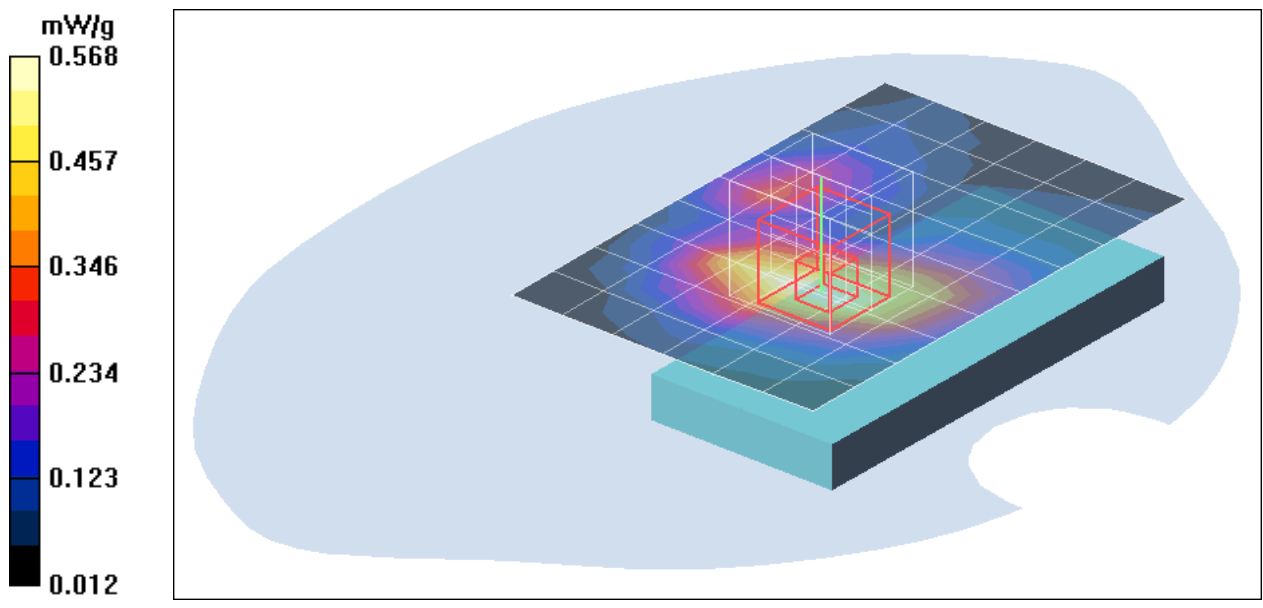
High CH, Rate=1M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.568 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Flat Touched mode Sony VGN-S44TP

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=6M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.421 mW/g

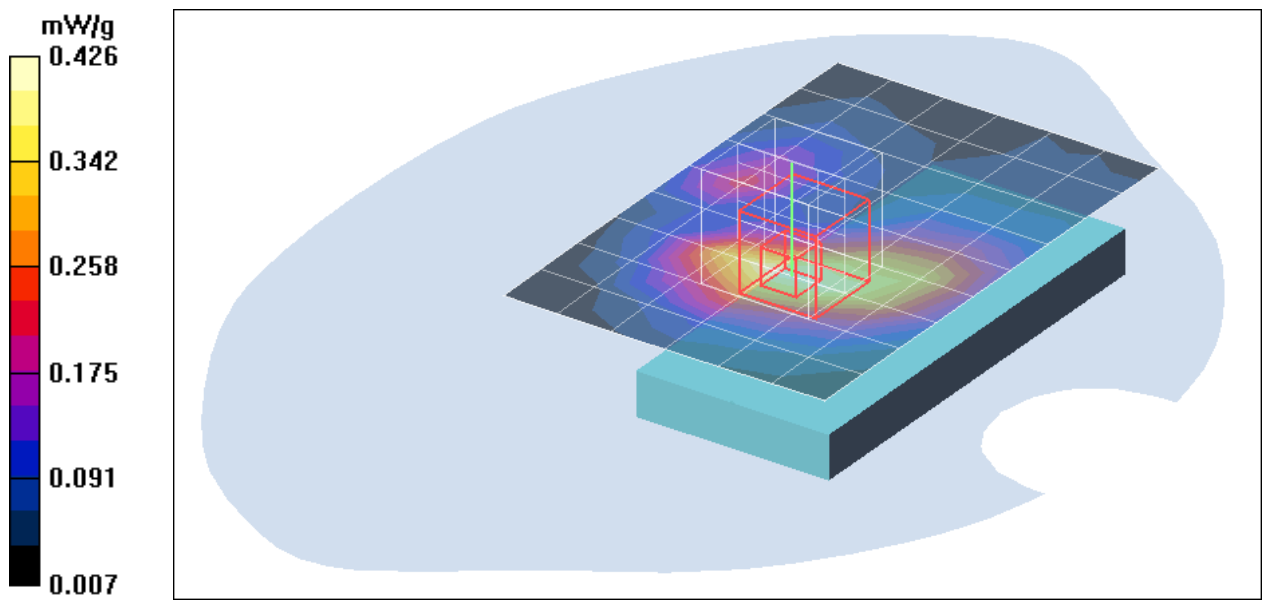
Middle CH, Rate=6M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.61 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.426 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n Bottom Flat Touched mode HT20 Sony VGN-S44TP

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=6.5M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.544 mW/g

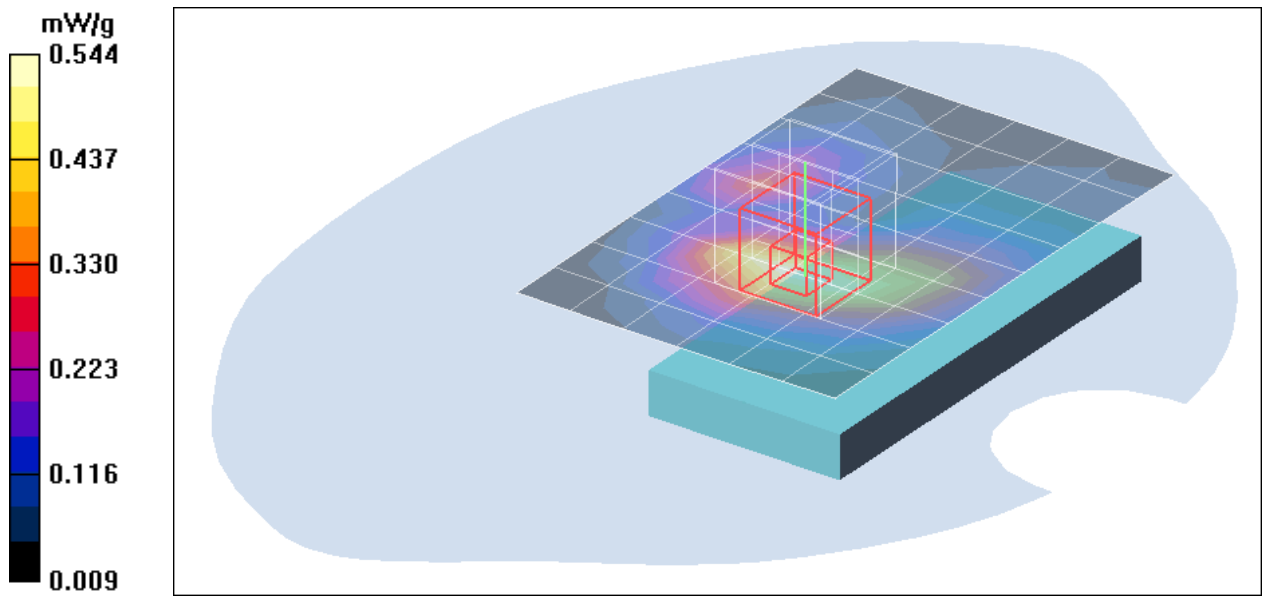
Middle CH, Rate=6.5M/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.487 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n Bottom Flat Touched mode HT40 Sony VGN-S44TP

DUT: 65-VE241-P1; Type: Wireless USB Adapter; Serial: N/A

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 25.7 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH, Rate=13.5M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.397 mW/g

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

Reference Value = 9.62 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.394 mW/g

