Date/Time: 8/11/2007 8:22:38 AM

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; σ = 1.91 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 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

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

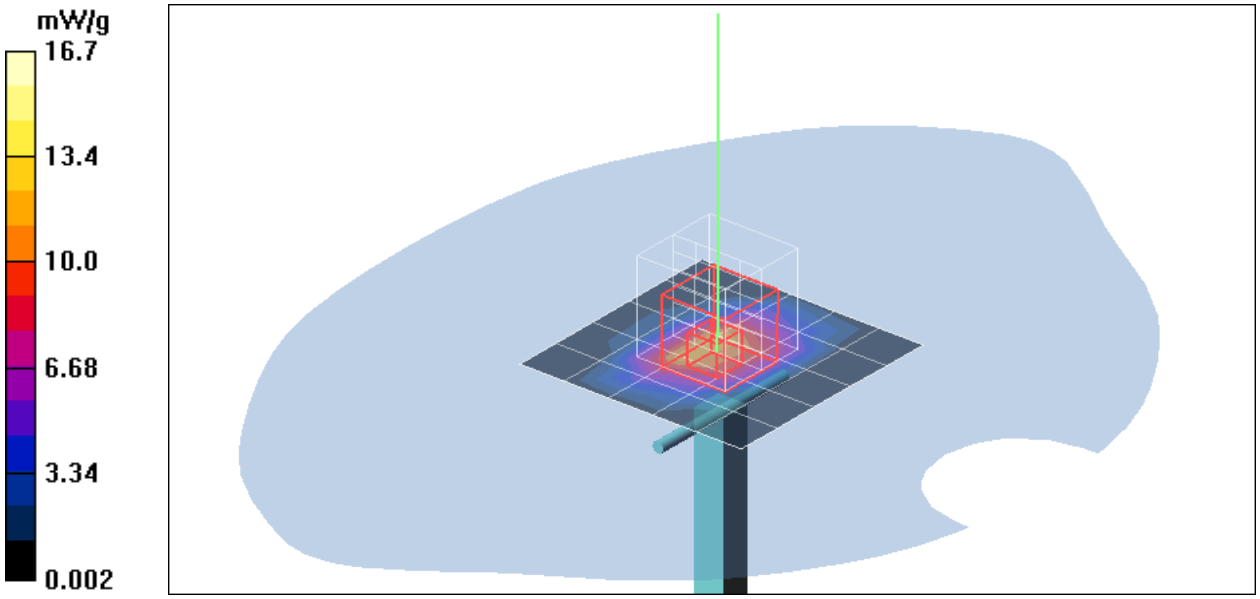
Maximum value of SAR (measured) = 12.6 mW/g

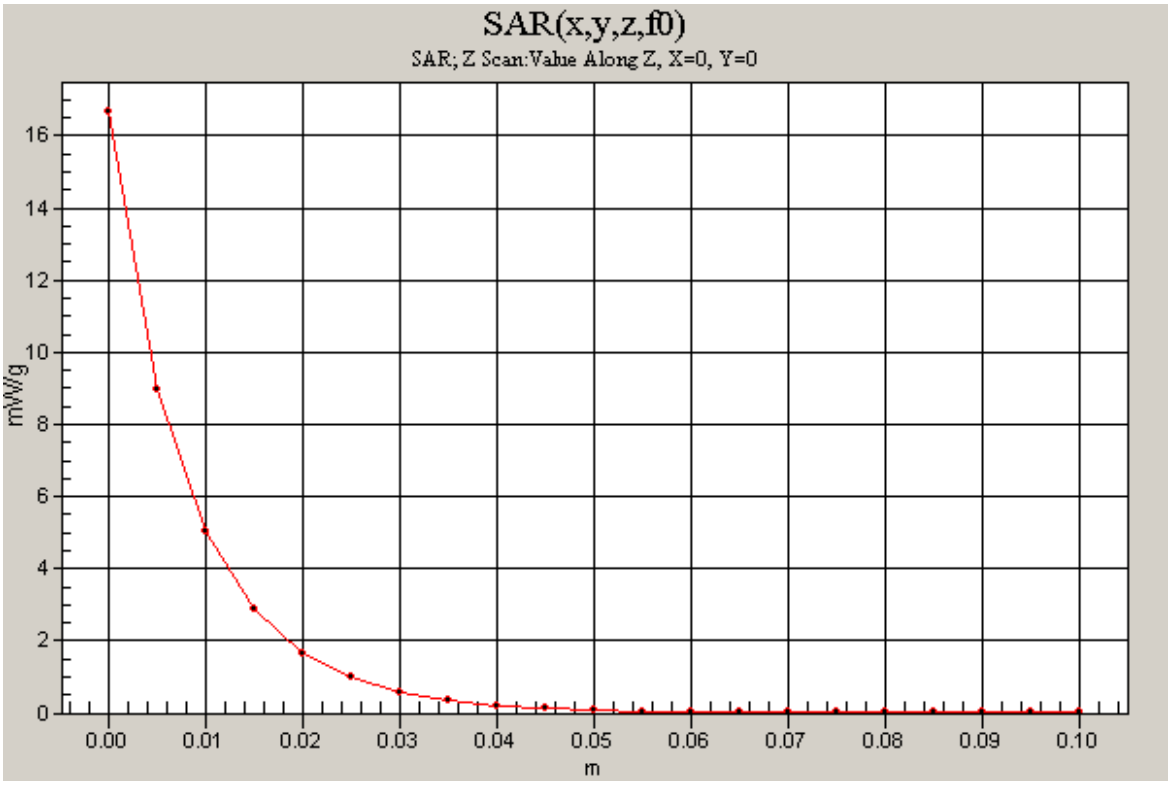
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 93.7 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 14.4 mW/g; SAR(10 g) = 7.52 mW/g
Maximum value of SAR (measured) = 16.6 mW/g

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

Maximum value of SAR (measured) = 16.7 mW/g


mW/g
16.7
13.4
10.0
6.68
3.34
0.002


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
16
14
12
10
8
6
4
2
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/13/2007 8:18:54 AM

Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.36 mho/m; ε_r = 48.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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(4.11, 4.11, 4.11);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; 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 f=5200MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

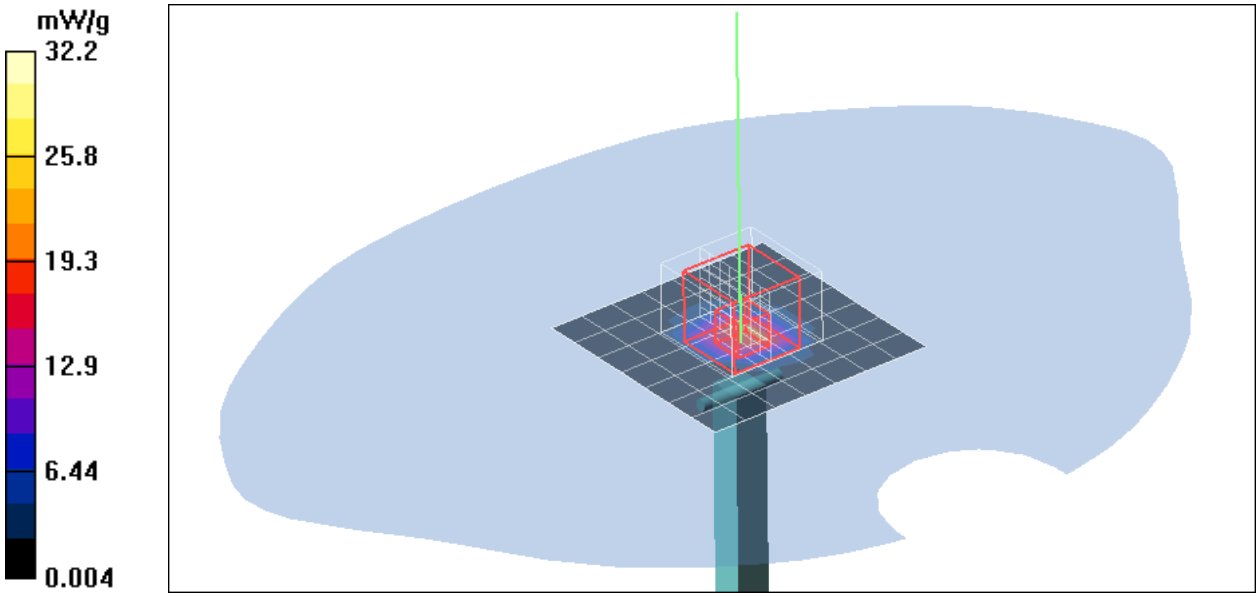
Maximum value of SAR (measured) = 21.3 mW/g

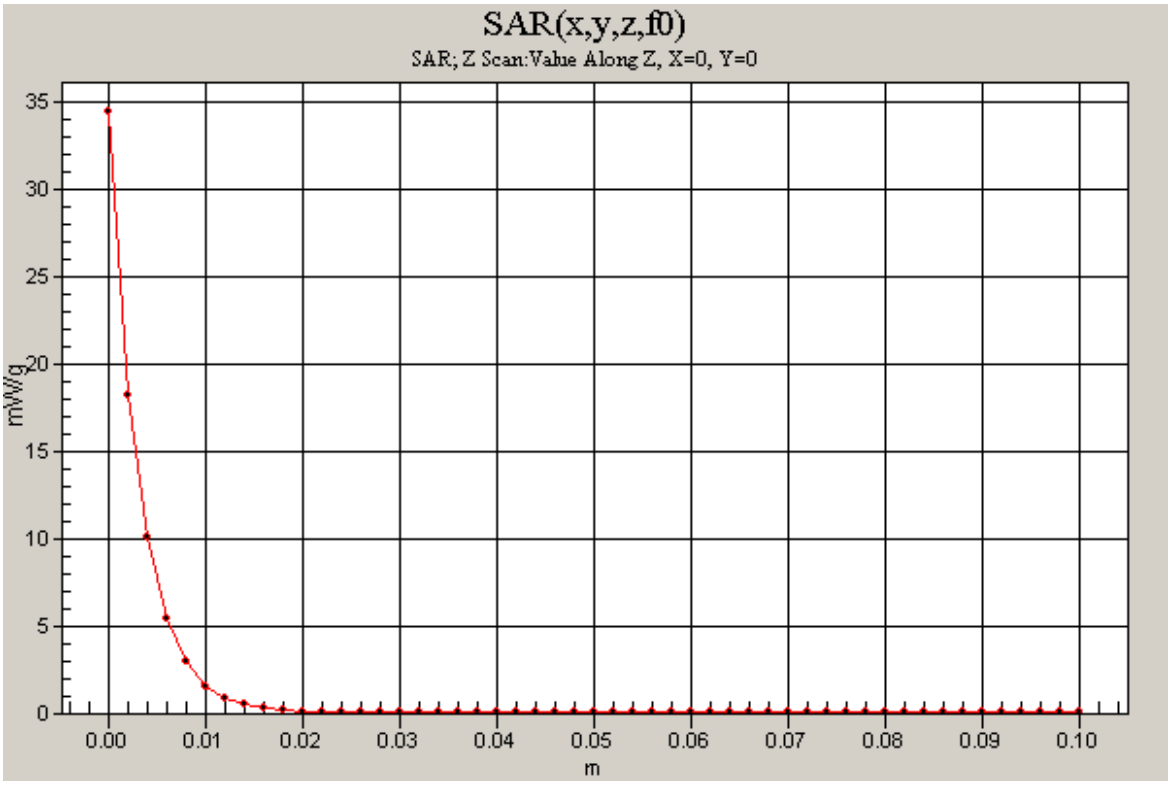
Pin=250mW,d=10mm f=5200MHz/Zoom Scan (8x8x8)/Cube 0:

Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 83.1 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 76.9 W/kg
SAR(1 g) = 19 mW/g; SAR(10 g) = 5.24 mW/g
Maximum value of SAR (measured) = 32.2 mW/g

Pin=250mW,d=10mm f=5200MHz/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Maximum value of SAR (measured) = 34.4 mW/g


mW/g
32.2
25.8
19.3
12.9
6.44
0.004


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10

Date/Time: 8/13/2007 9:08:11 AM

Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.22 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; 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 f=5800MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

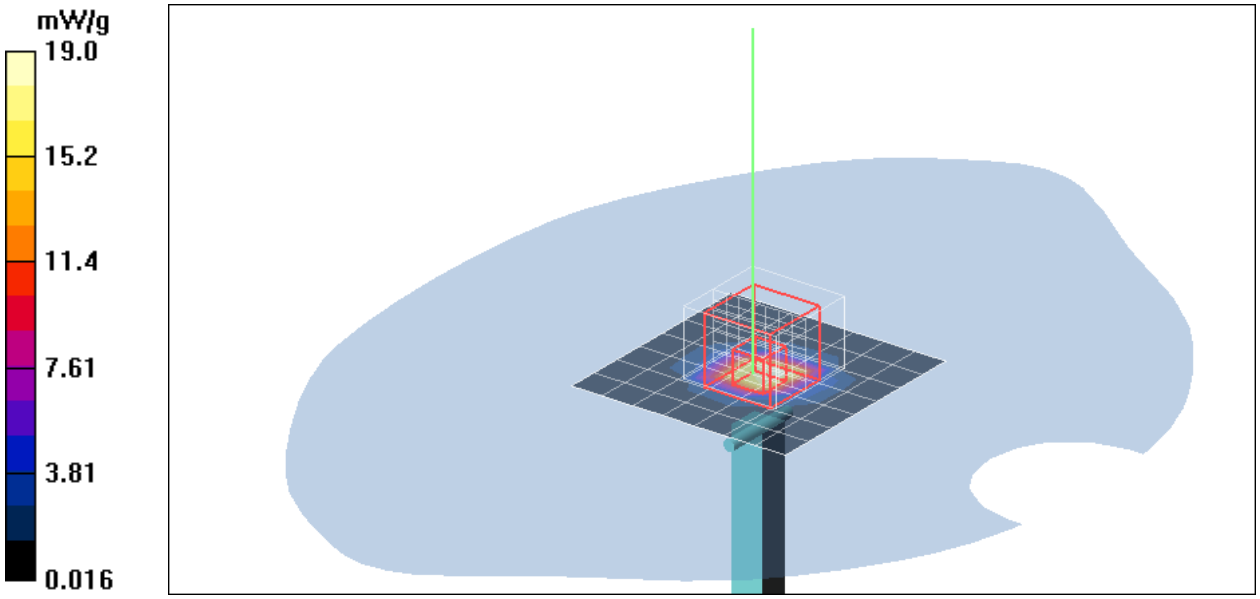
Maximum value of SAR (measured) = 19.0 mW/g

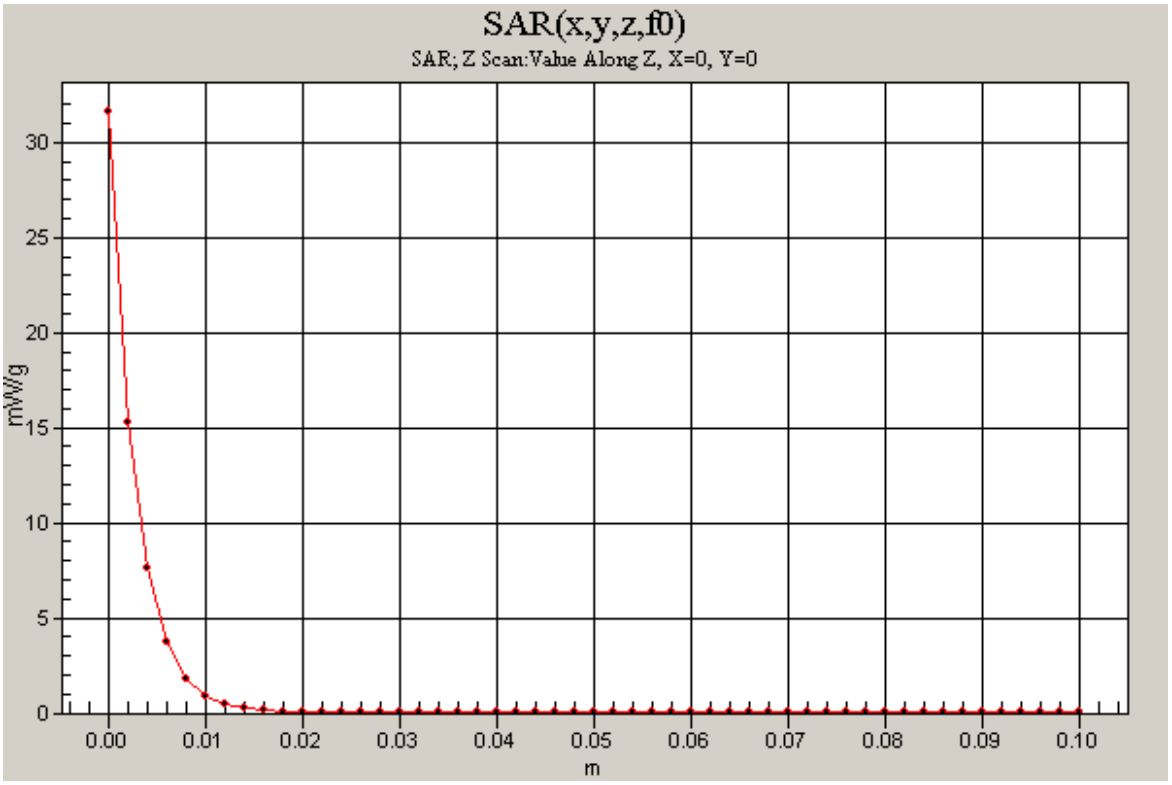
Pin=250mW,d=10mm f=5800MHz/Zoom Scan (8x8x8)/Cube 0:

Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 74.3 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 86.8 W/kg
SAR(1 g) = 17.8 mW/g; SAR(10 g) = 4.9 mW/g
Maximum value of SAR (measured) = 29.9 mW/g

Pin=250mW,d=10mm f=5800MHz/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Maximum value of SAR (measured) = 31.6 mW/g


mW/g
19.0
15.2
11.4
7.61
3.81
0.016


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/17/2007 9:40:13 AM

Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.25 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(4.11, 4.11, 4.11);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; 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 f=5200MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

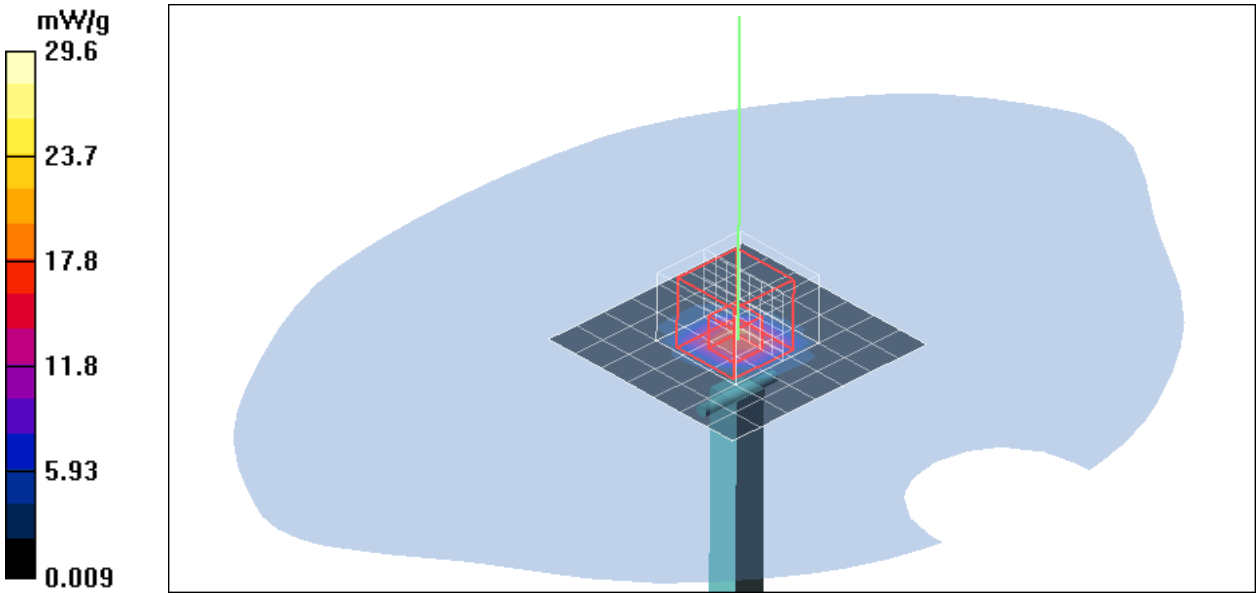
Maximum value of SAR (measured) = 18.7 mW/g

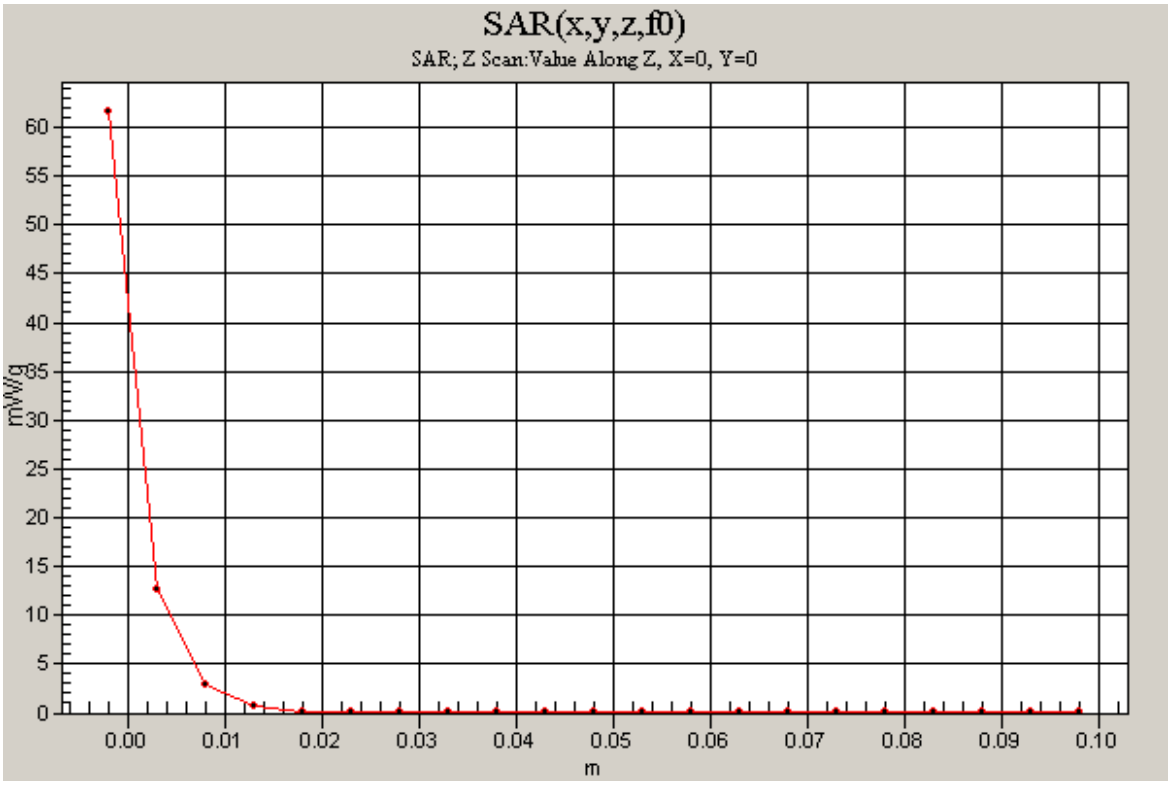
Pin=250mW,d=10mm f=5200MHz/Zoom Scan (8x8x8)/Cube 0:

Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 78.8 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 68.9 W/kg
SAR(1 g) = 17.7 mW/g; SAR(10 g) = 5.01 mW/g
Maximum value of SAR (measured) = 29.6 mW/g

Pin=250mW,d=10mm f=5200MHz/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 61.6 mW/g


mW/g
29.6
23.7
17.8
11.8
5.93
0.009


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
60
55
50
45
40
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/17/2007 10:28:35 AM

Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.11 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; 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 f=5800MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

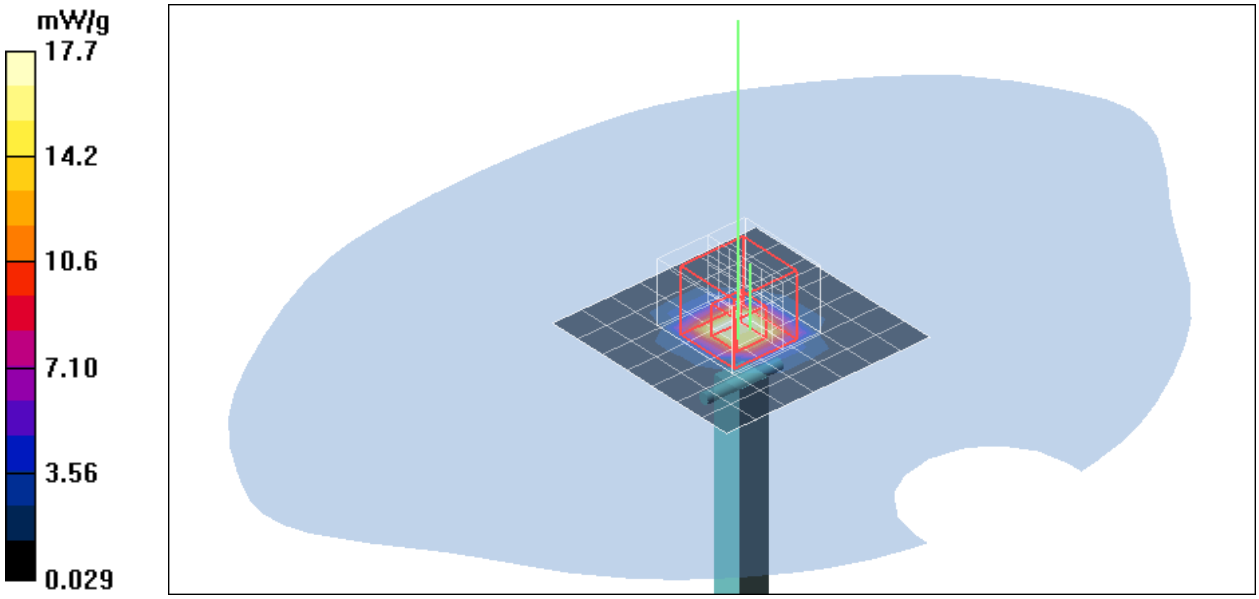
Maximum value of SAR (measured) = 17.7 mW/g

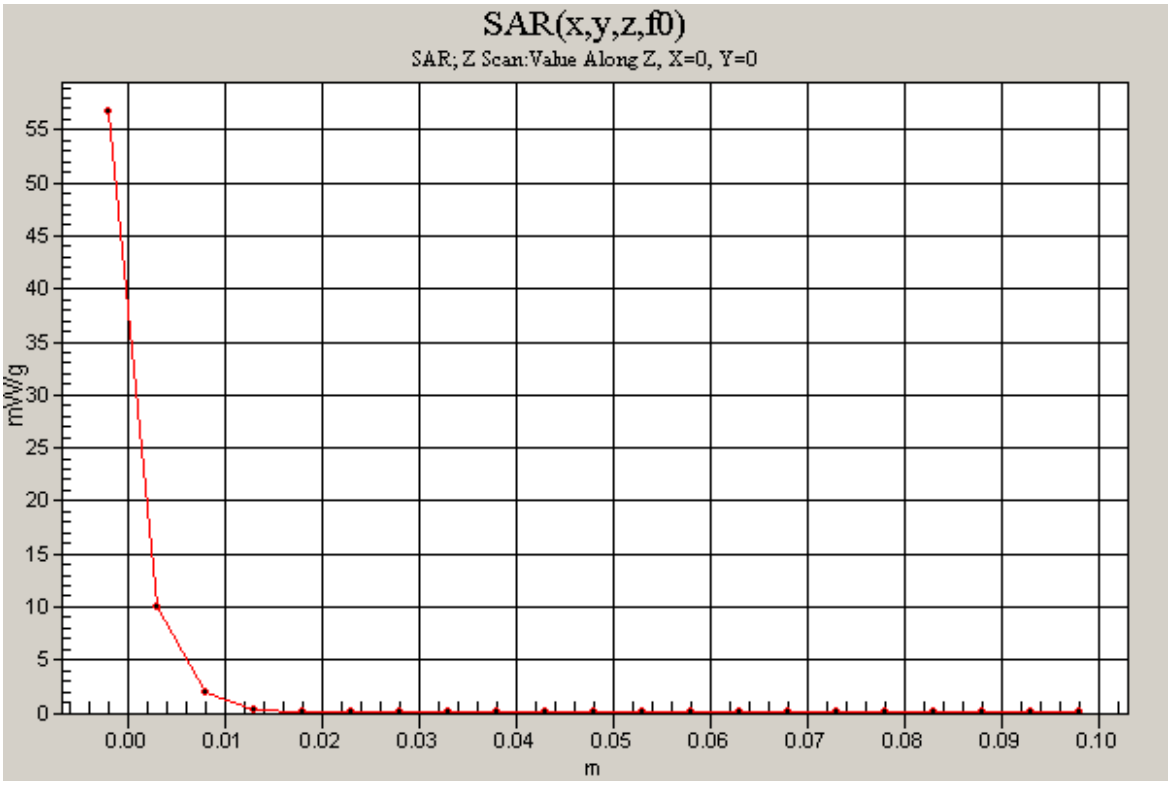
Pin=250mW,d=10mm f=5800MHz/Zoom Scan (8x8x8)/Cube 0:

Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 72.8 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 77.9 W/kg
SAR(1 g) = 16.8 mW/g; SAR(10 g) = 4.65 mW/g
Maximum value of SAR (measured) = 27.2 mW/g

Pin=250mW,d=10mm f=5800MHz/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 56.7 mW/g


mW/g
17.7
14.2
10.6
7.10
3.56
0.029


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
55
50
45
40
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/11/2007 8:50:19 AM

Test Laboratory: Compliance Certification Services Inc.

802.11b Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 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 bit/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

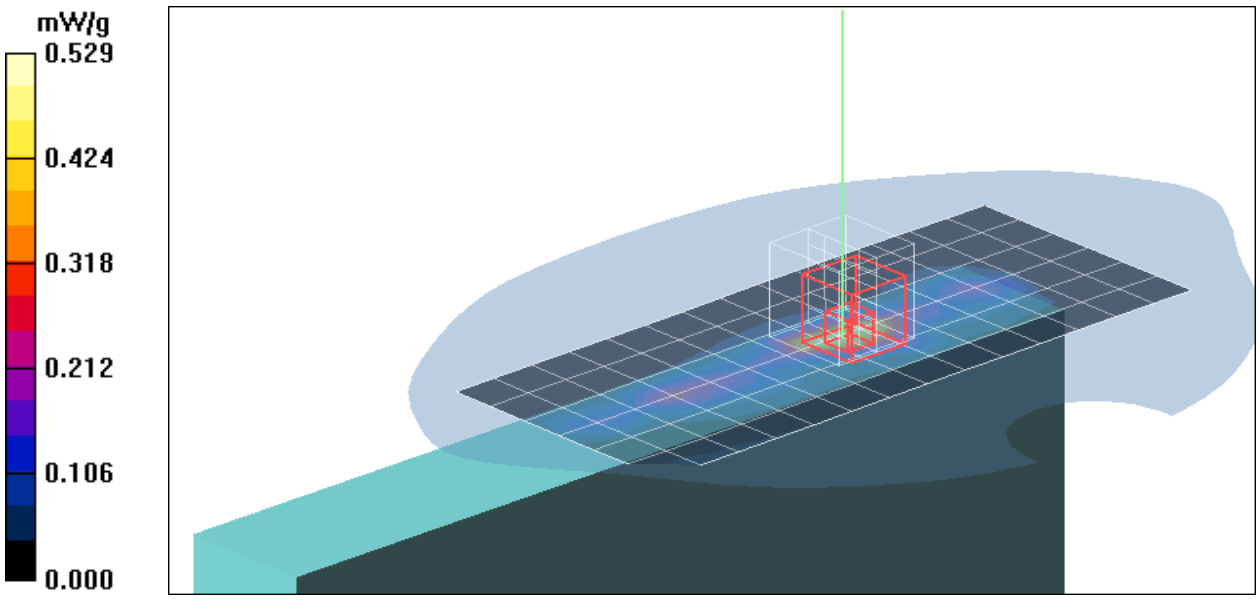
Maximum value of SAR (measured) = 0.529 mW/g

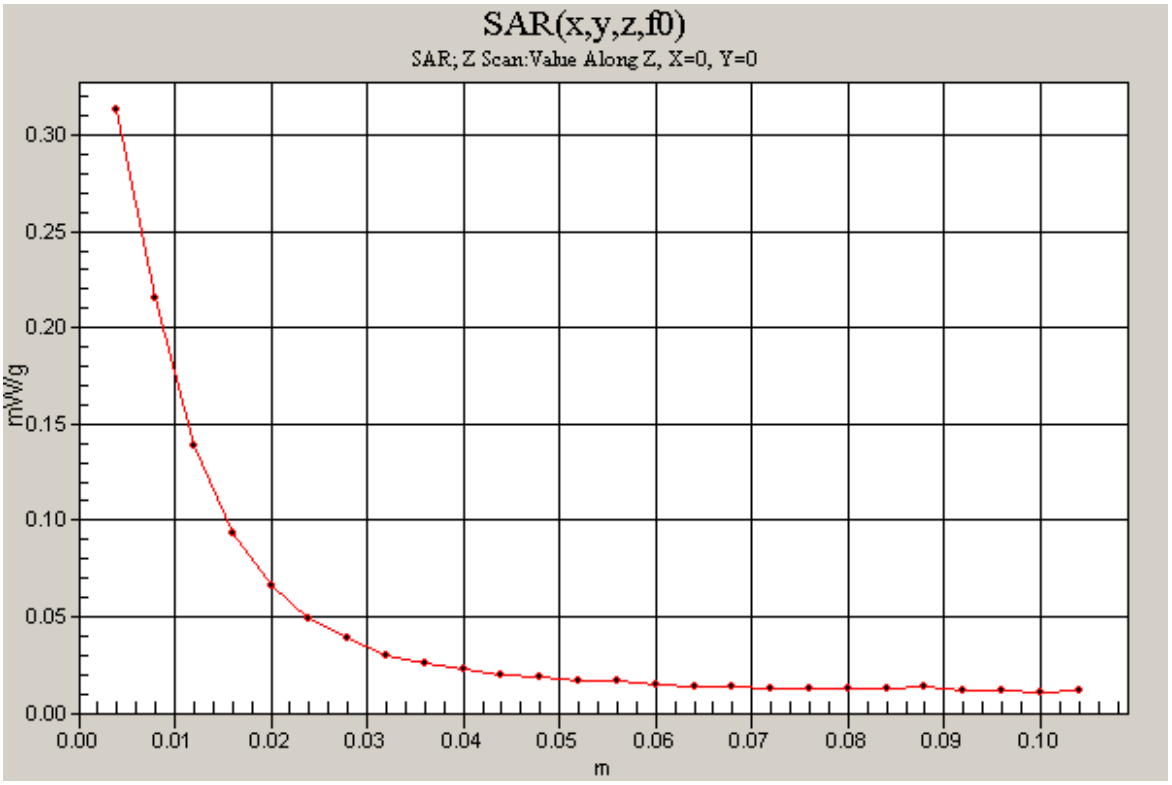
Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 0.656 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.548 mW/g

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

Maximum value of SAR (measured) = 0.313 mW/g


mW/g
0.529
0.424
0.318
0.212
0.106
0.000


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/11/2007 9:29:13 AM

Test Laboratory: Compliance Certification Services Inc.

802.11b Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

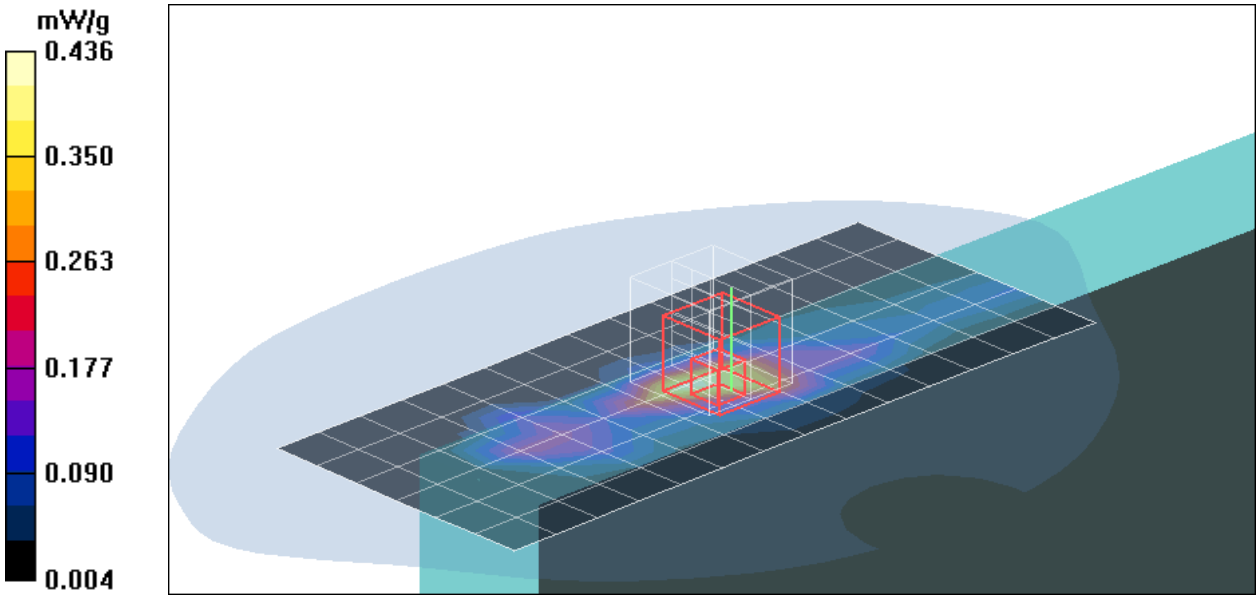
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 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 bit/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.439 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.436 mW/g


mW/g
0.436
0.350
0.263
0.177
0.090
0.004

Date/Time: 8/11/2007 10:11:03 PM

Test Laboratory: Compliance Certification Services Inc.

802.11b Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

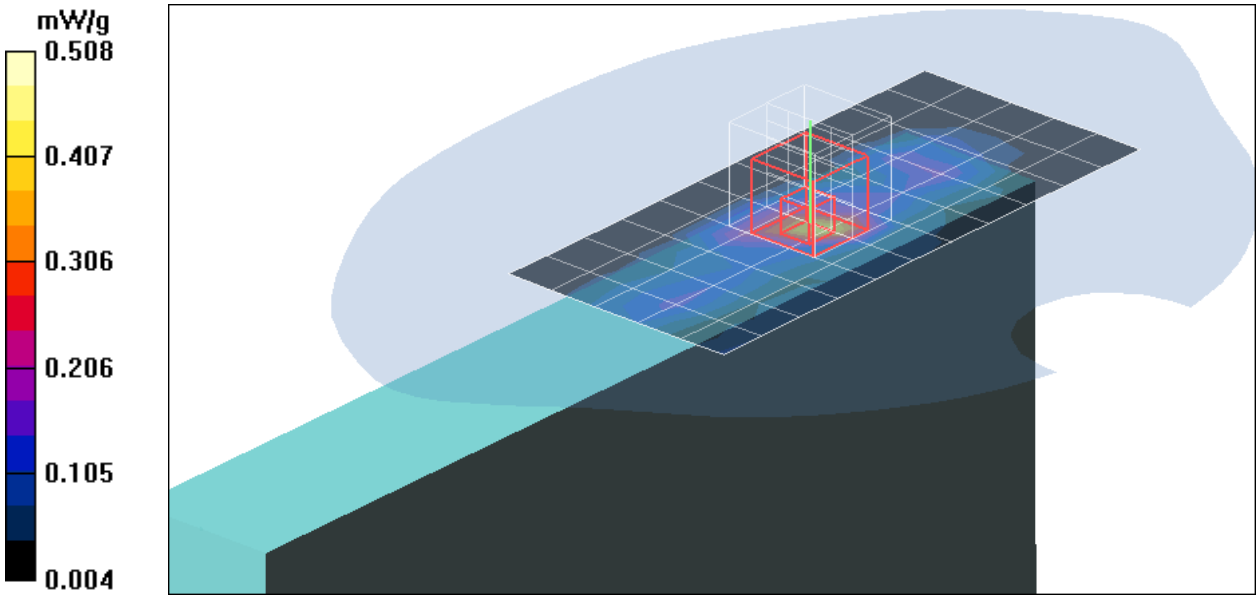
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

co-Location BT+Middle CH Rate=1M bit/Area Scan (6x12x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.422 mW/g

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

Reference Value = 16.7 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.508 mW/g


mW/g
0.508
0.407
0.306
0.206
0.105
0.004

Date/Time: 8/11/2007 10:54:29 AM

Test Laboratory: Compliance Certification Services Inc.

802.11g Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

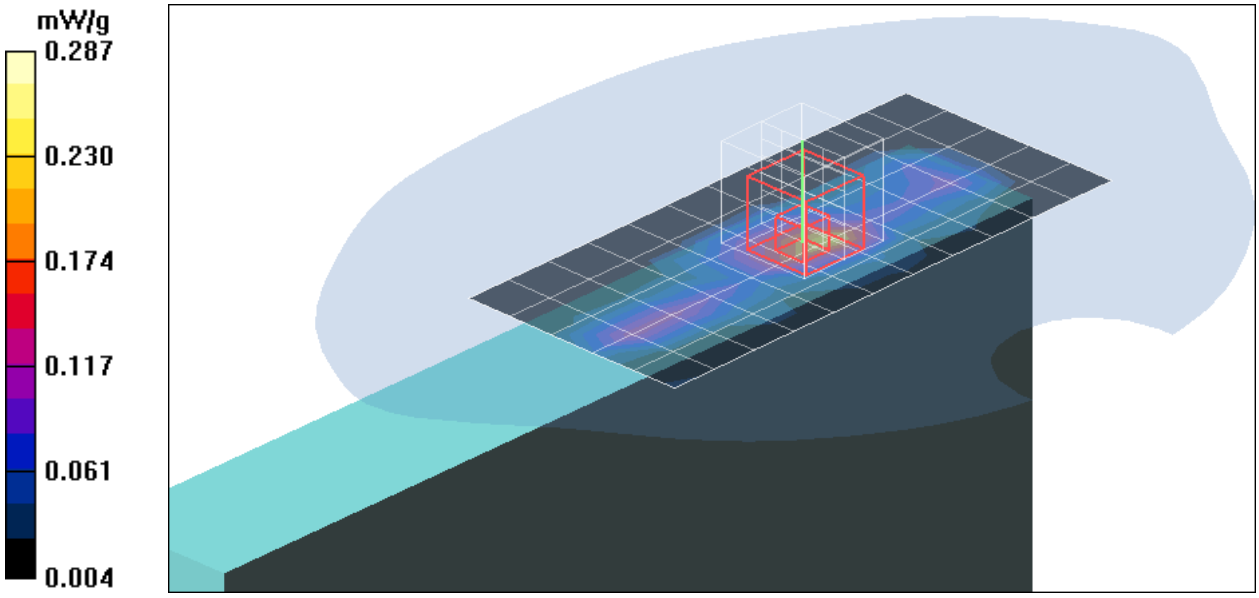
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH Rate=6M bit/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.217 mW/g

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

Reference Value = 11.2 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.287 mW/g


mW/g
0.287
0.230
0.174
0.117
0.061
0.004

Date/Time: 8/11/2007 11:20:27 AM

Test Laboratory: Compliance Certification Services Inc.

802.11g Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

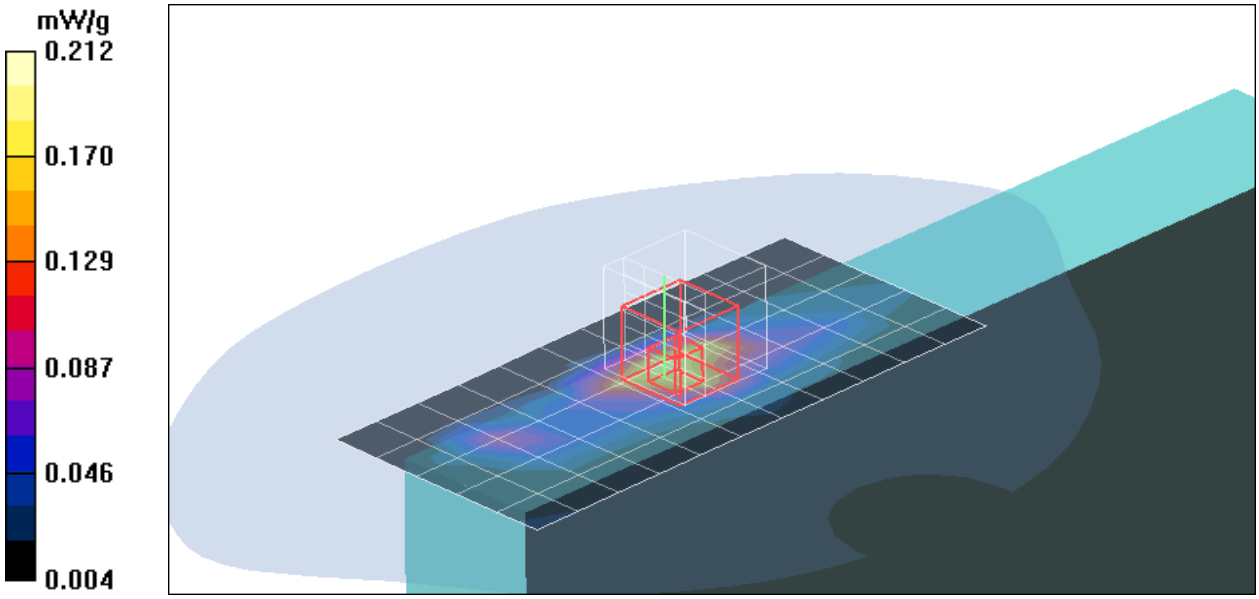
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 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 bit/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.191 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.212 mW/g


mW/g
0.212
0.170
0.129
0.087
0.046
0.004

Date/Time: 8/12/2007 6:02:56 AM

Test Laboratory: Compliance Certification Services Inc.

802.11g Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

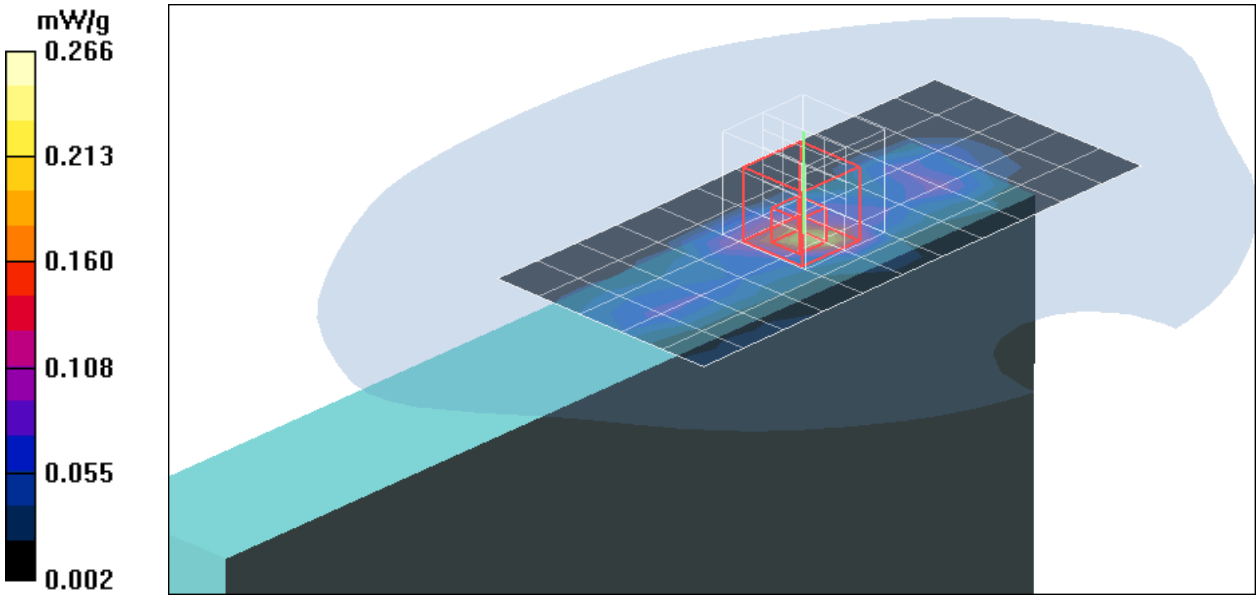
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

co-Location BT+Middle CH Rate=6M bit/Area Scan (6x12x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.218 mW/g

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

Reference Value = 11.3 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.266 mW/g


mW/g
0.266
0.213
0.160
0.108
0.055
0.002

Date/Time: 8/11/2007 1:19:00 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Tip Touch mode Main ant. HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

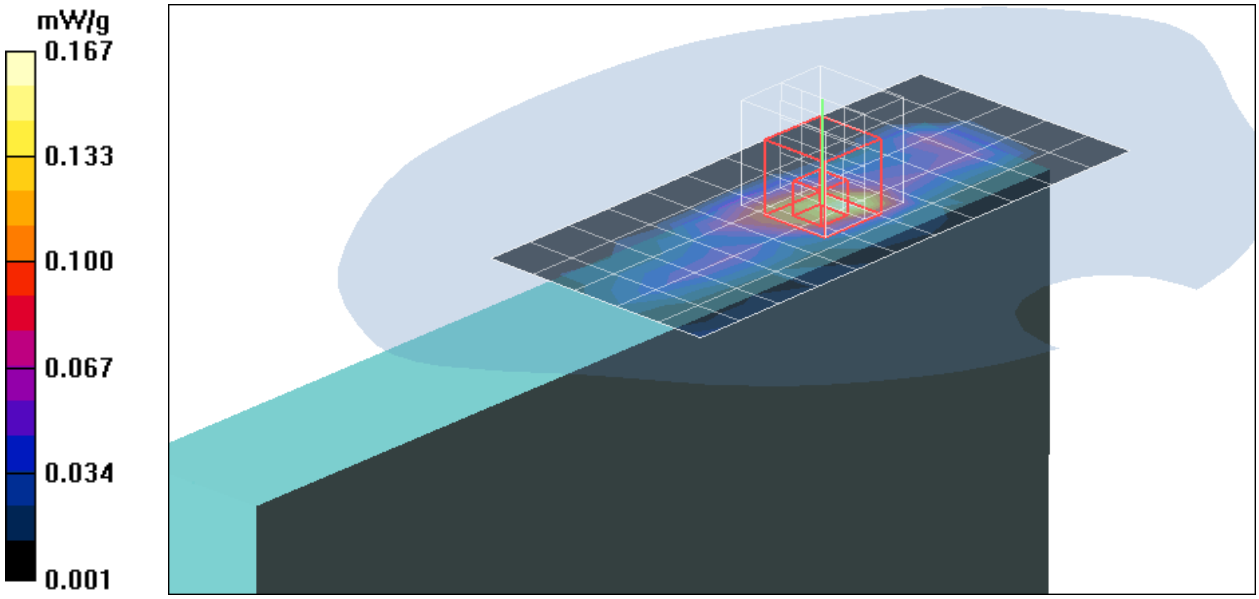
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH Rate=6.5M bit/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.167 mW/g

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

Reference Value = 10.6 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.258 mW/g


mW/g
0.167
0.133
0.100
0.067
0.034
0.001

Date/Time: 8/11/2007 2:51:13 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Tip Touch mode Main ant. HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

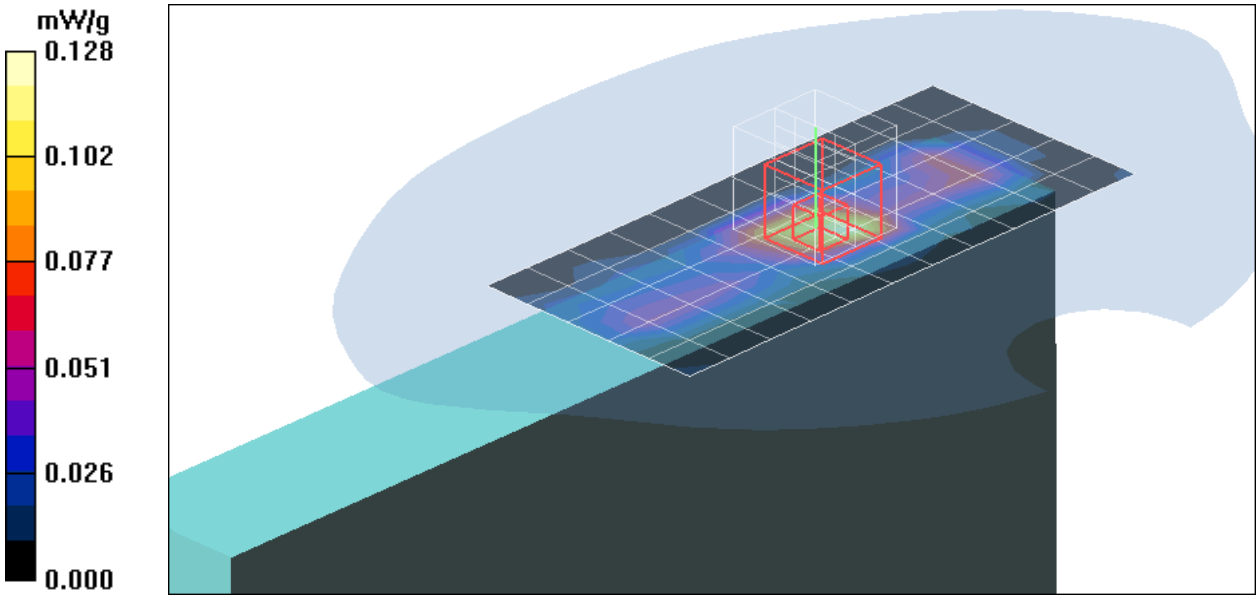
Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 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 bit/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.128 mW/g

Middle CH Rate=13.5M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.53 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.203 mW/g


mW/g
0.128
0.102
0.077
0.051
0.026
0.000

Date/Time: 8/11/2007 9:56:01 AM

Test Laboratory: Compliance Certification Services Inc.

802.11b Right side Touch mode Main ant

DUT: TB120; Type: Notebook PC; Serial: N/A

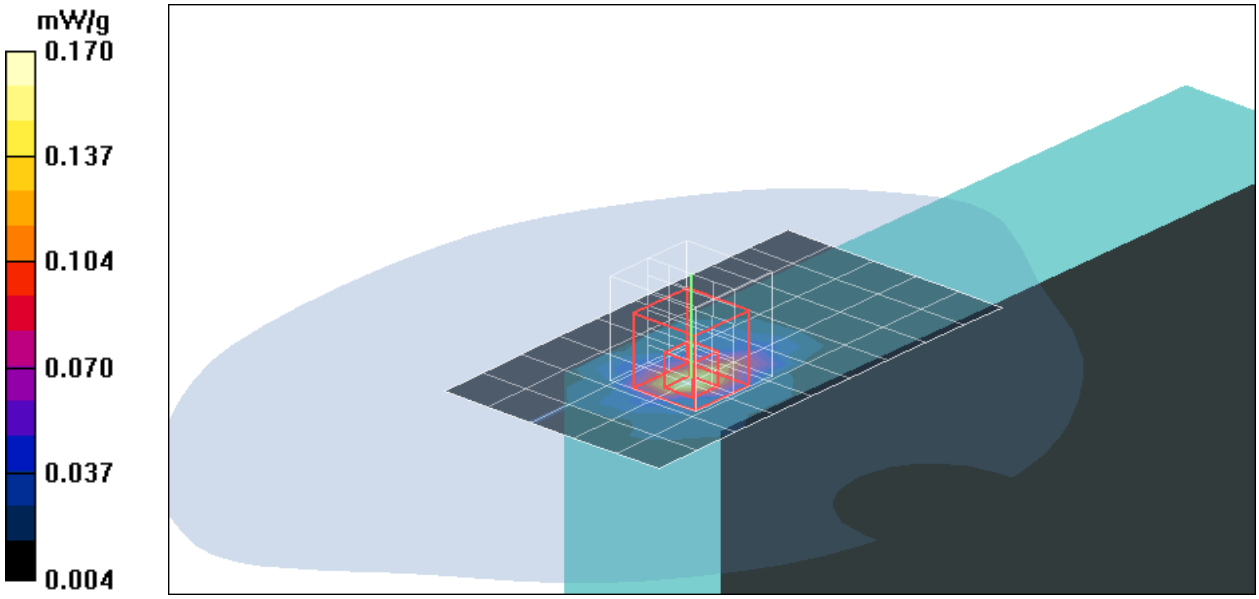
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 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 bit/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.170 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.45 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.164 mW/g


mW/g
0.170
0.137
0.104
0.070
0.037
0.004

Date/Time: 8/11/2007 12:18:43 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Right side Touch mode Main ant

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

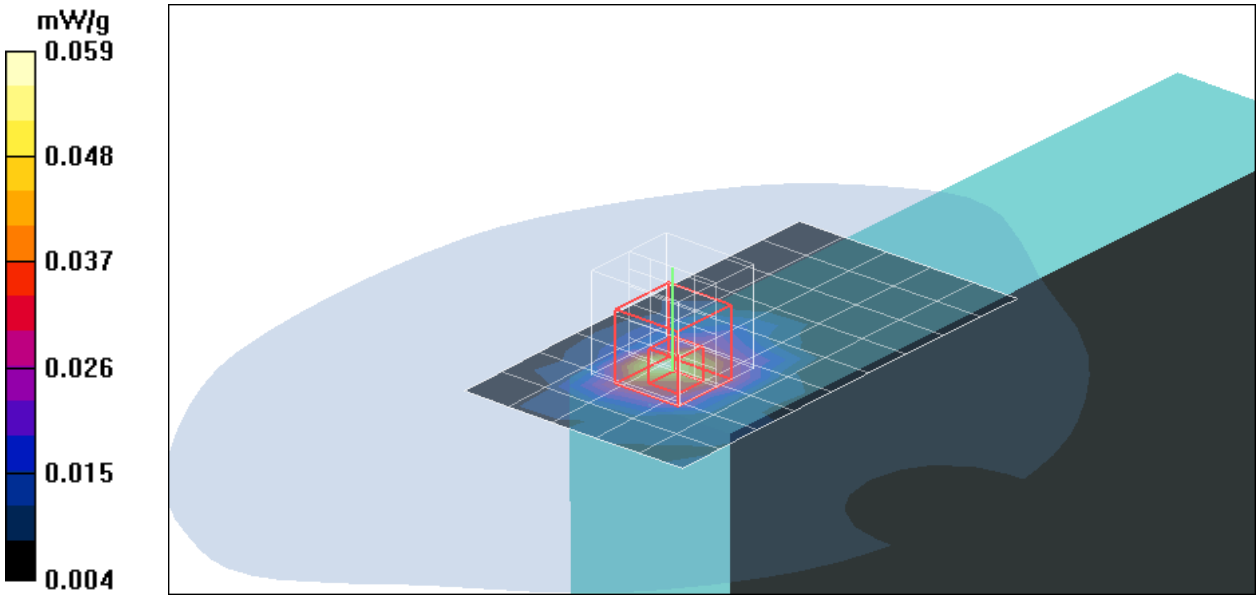
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.059 mW/g

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

Reference Value = 4.86 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.087 mW/g


mW/g
0.059
0.048
0.037
0.026
0.015
0.004

Date/Time: 8/11/2007 2:20:07 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Right side Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

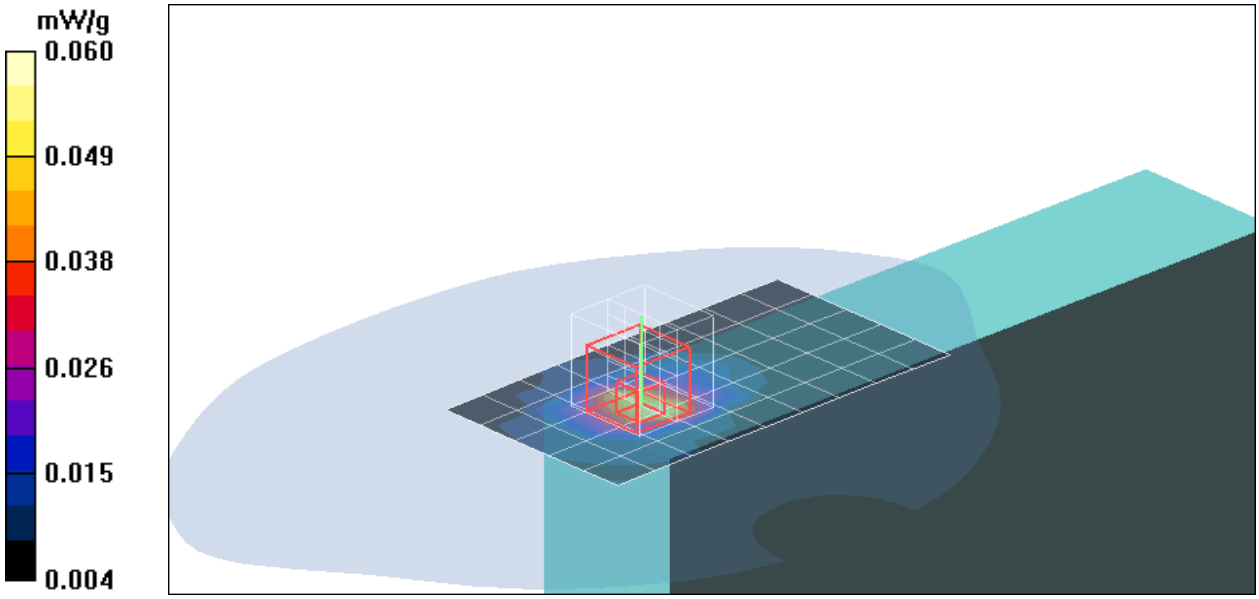
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH Rate=6.5M bit/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.060 mW/g

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

Reference Value = 4.79 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.092 mW/g


mW/g
0.060
0.049
0.038
0.026
0.015
0.004

Date/Time: 8/11/2007 3:59:52 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Right side Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

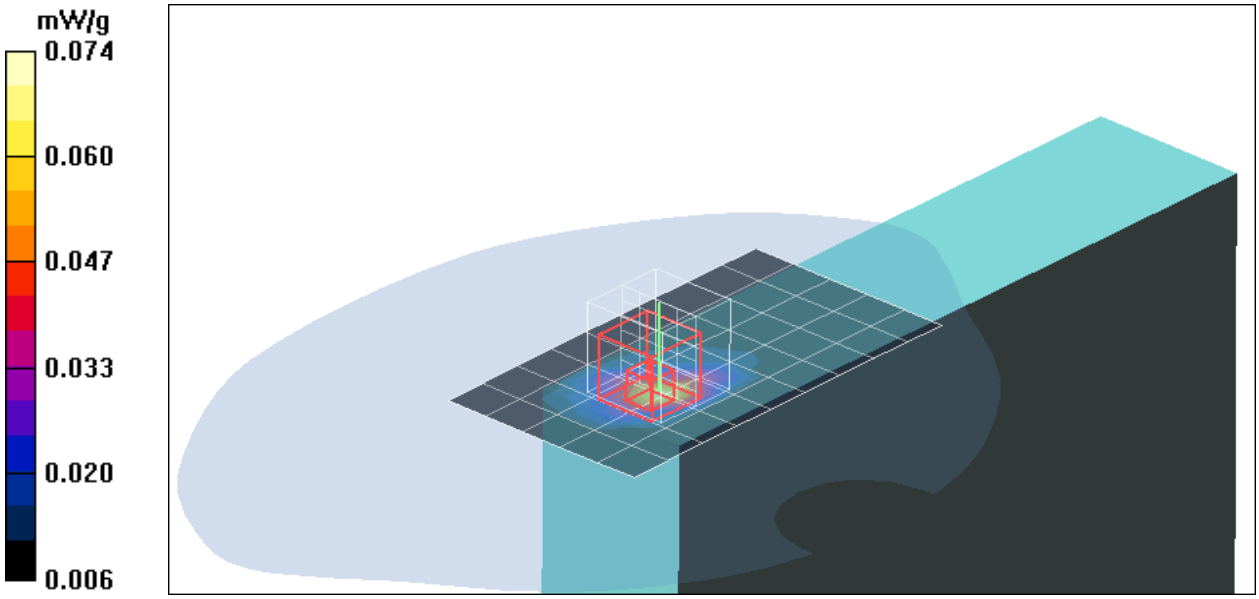
Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 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 bit/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.072 mW/g

Middle CH Rate=13.5M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.17 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.093 W/kg
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.074 mW/g


mW/g
0.074
0.060
0.047
0.033
0.020
0.006

Date/Time: 8/11/2007 10:45:20 PM

Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 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 bit/Area Scan (10x17x1): Measurement grid:

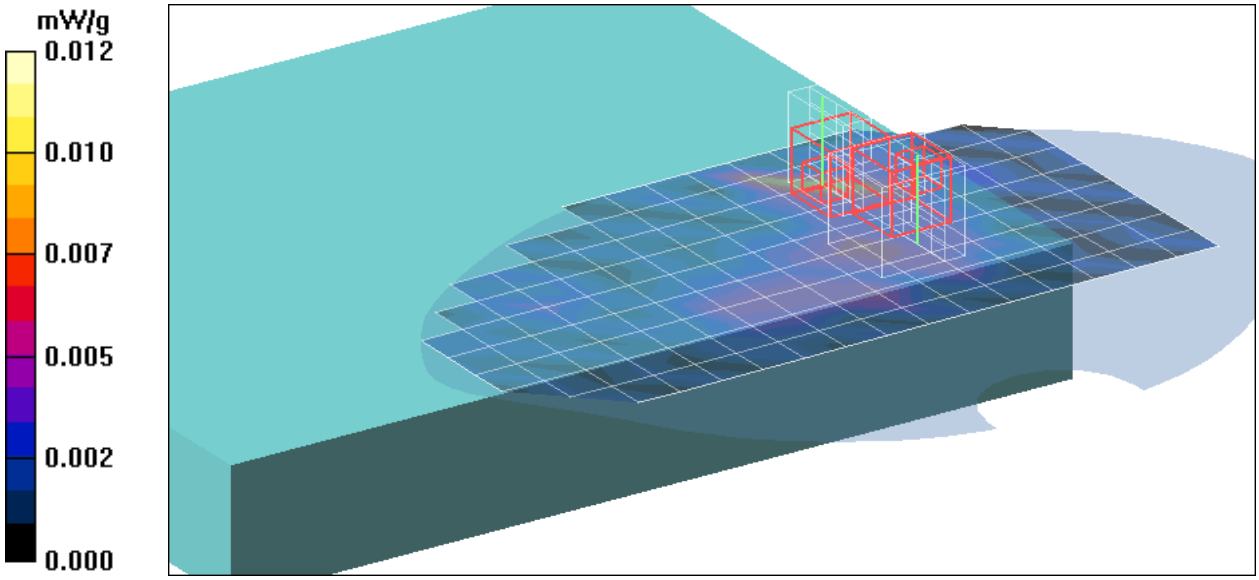
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.009 mW/g

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.86 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00814 mW/g; SAR(10 g) = 0.00391 mW/g
Maximum value of SAR (measured) = 0.012 mW/g

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.86 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.026 W/kg
SAR(1 g) = 0.00408 mW/g; SAR(10 g) = 0.000594 mW/g
Maximum value of SAR (measured) = 0.026 mW/g


mW/g
0.012
0.010
0.007
0.005
0.002
0.000

Date/Time: 8/11/2007 5:07:38 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 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 bit/Area Scan (10x15x1): Measurement grid:

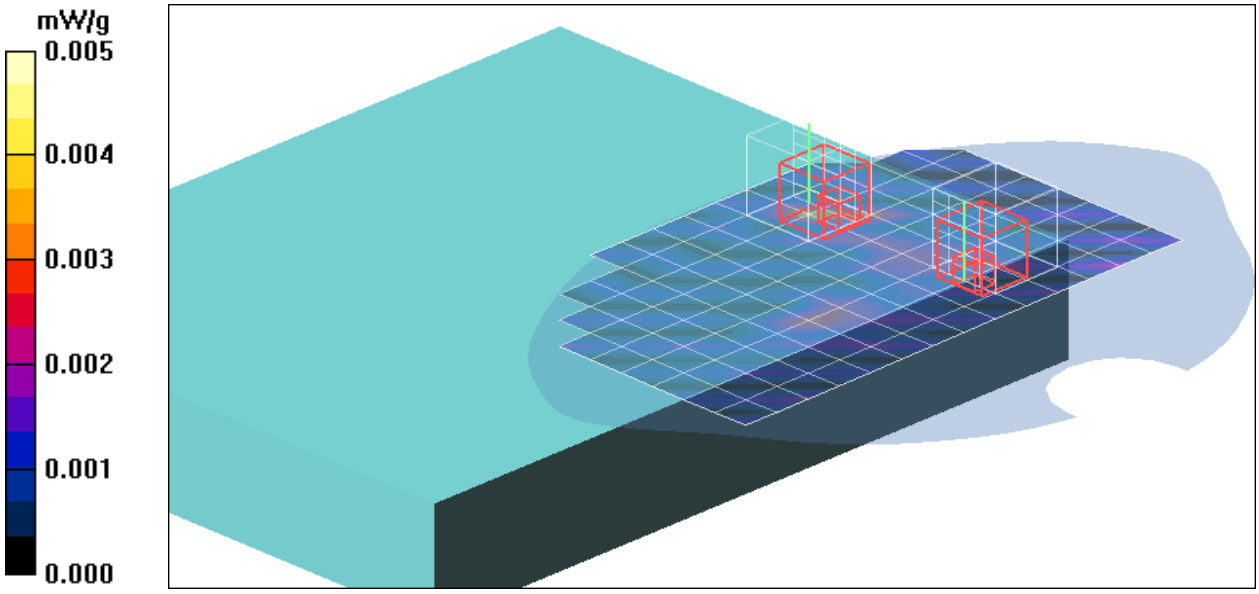
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.004 mW/g

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

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.19 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.015 W/kg
SAR(1 g) = 0.00268 mW/g; SAR(10 g) = 0.00108 mW/g
Maximum value of SAR (measured) = 0.005 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.19 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.010 W/kg
SAR(1 g) = 0.0017 mW/g; SAR(10 g) = 0.000493 mW/g
Maximum value of SAR (measured) = 0.006 mW/g


mW/g
0.005
0.004
0.003
0.002
0.001
0.000

Date/Time: 8/11/2007 7:11:47 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Touch mode Main ant. HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

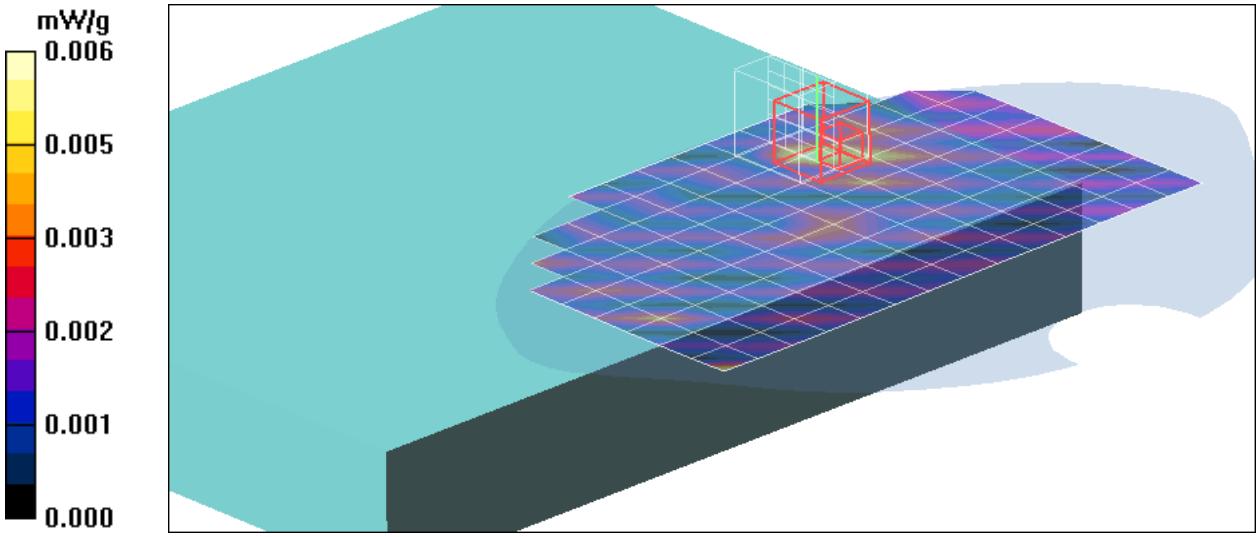
- Probe: EX3DV3 - SN3531; ConvF(7.88, 7.88, 7.88);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Middle CH Rate=6.5M bit/Area Scan (10x15x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.006 mW/g

Middle CH Rate=6.5M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.28 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.016 W/kg
SAR(1 g) = 0.00406 mW/g; SAR(10 g) = 0.00157 mW/g
Maximum value of SAR (measured) = 0.016 mW/g


mW/g
0.006
0.005
0.003
0.002
0.001
0.000

Date/Time: 8/11/2007 8:34:06 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Touch mode Main ant. HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.5 deg C;Liquid Temperature:24.5 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 bit/Area Scan (10x15x1): Measurement grid:

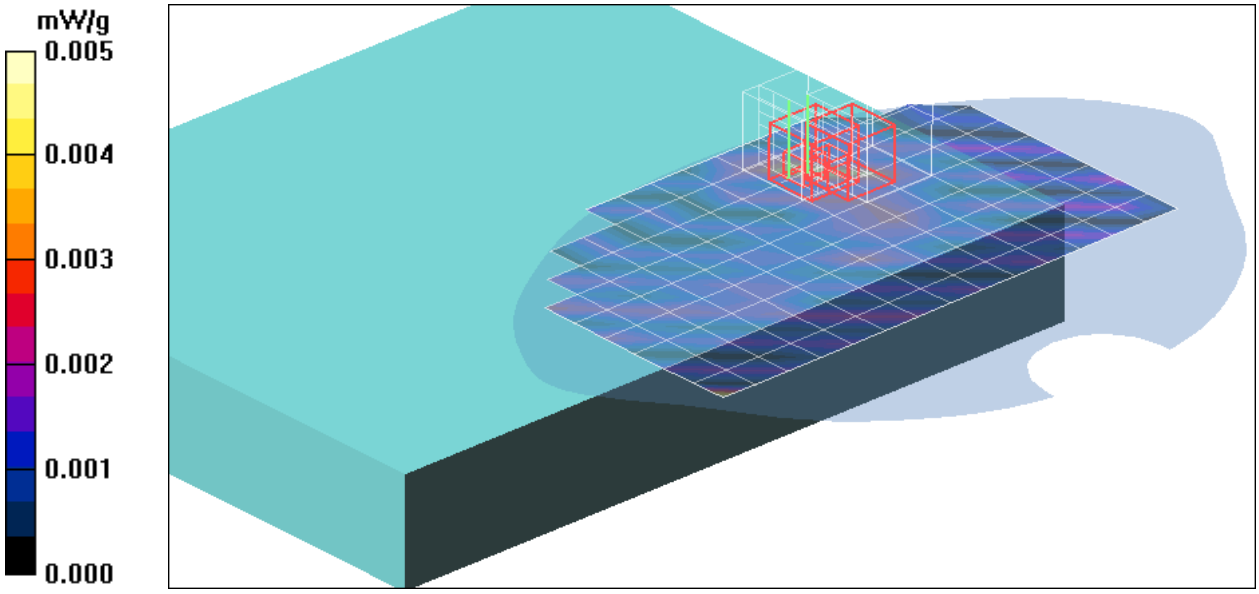
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.005 mW/g

Middle CH Rate=13.5M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.23 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00312 mW/g; SAR(10 g) = 0.0012 mW/g
Maximum value of SAR (measured) = 0.006 mW/g

Middle CH Rate=13.5M bit /Zoom Scan (5x5x7)/Cube 1: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.23 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00246 mW/g; SAR(10 g) = 0.000995 mW/g
Maximum value of SAR (measured) = 0.004 mW/g


mW/g
0.005
0.004
0.003
0.002
0.001
0.000

Date/Time: 8/13/2007 9:56:45 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.45 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

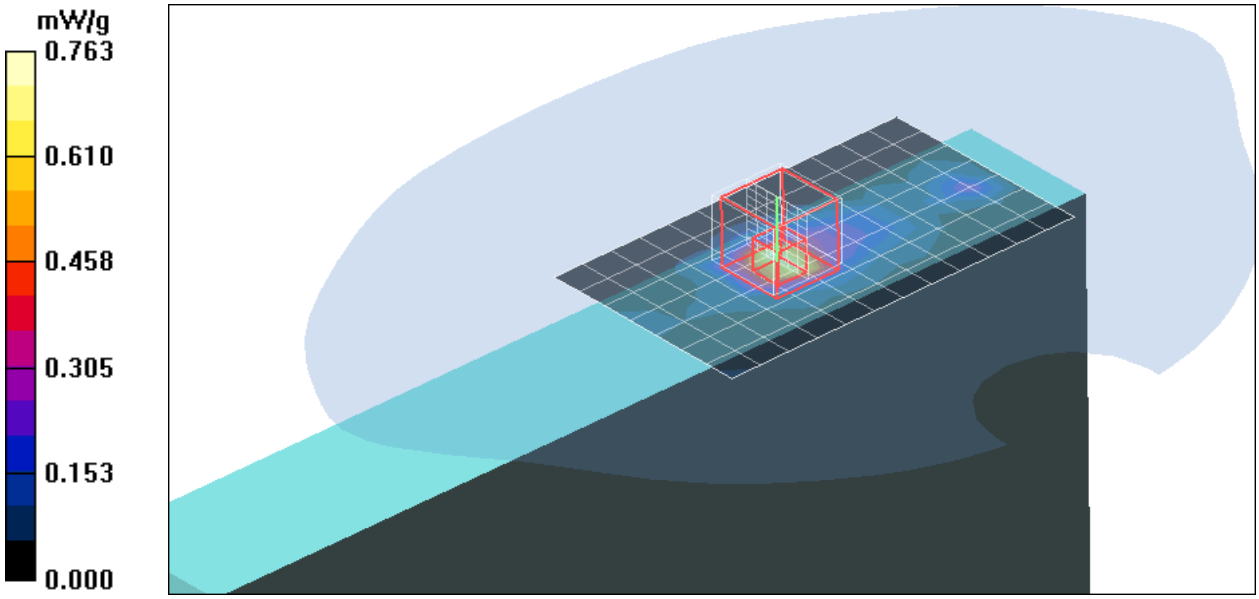
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.763 mW/g

UNII Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.98 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 1.19 mW/g


mW/g
0.763
0.610
0.458
0.305
0.153
0.000

Date/Time: 8/13/2007 11:14:39 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.33 mho/m; ε_r = 48.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

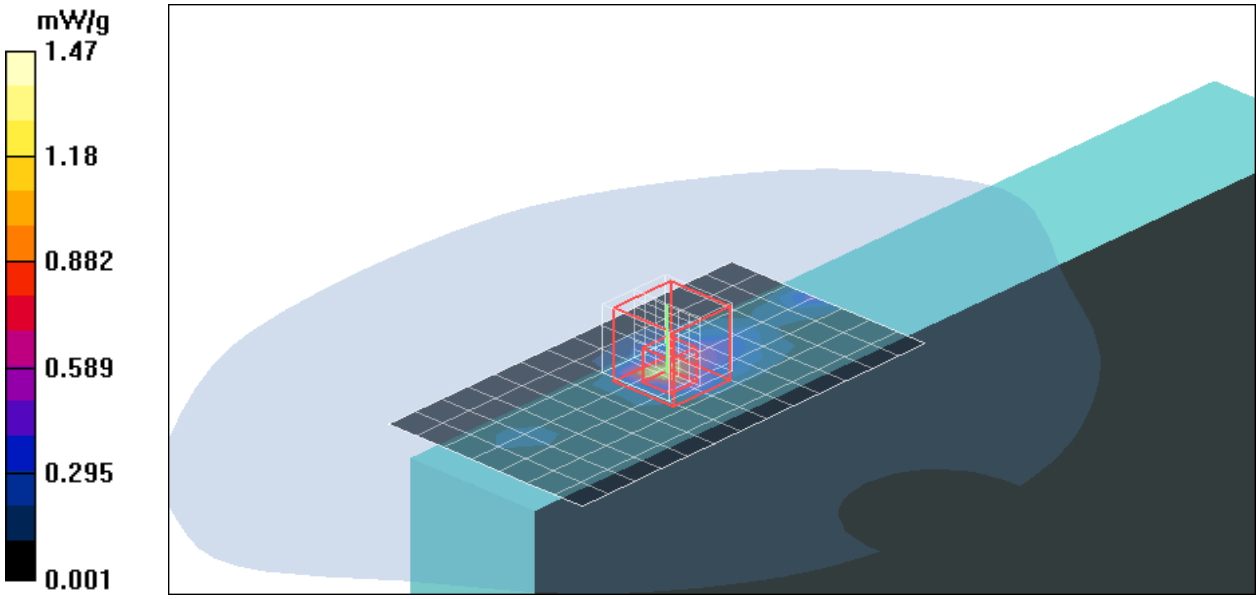
- Probe: EX3DV3 - SN3531; ConvF(4.11, 4.11, 4.11);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Low CH Rate=6M bit/Area Scan (8x14x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.32 mW/g

UNII Low CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.5 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 1.47 mW/g


mW/g
1.47
1.18
0.882
0.589
0.295
0.001

Date/Time: 8/13/2007 10:34:04 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

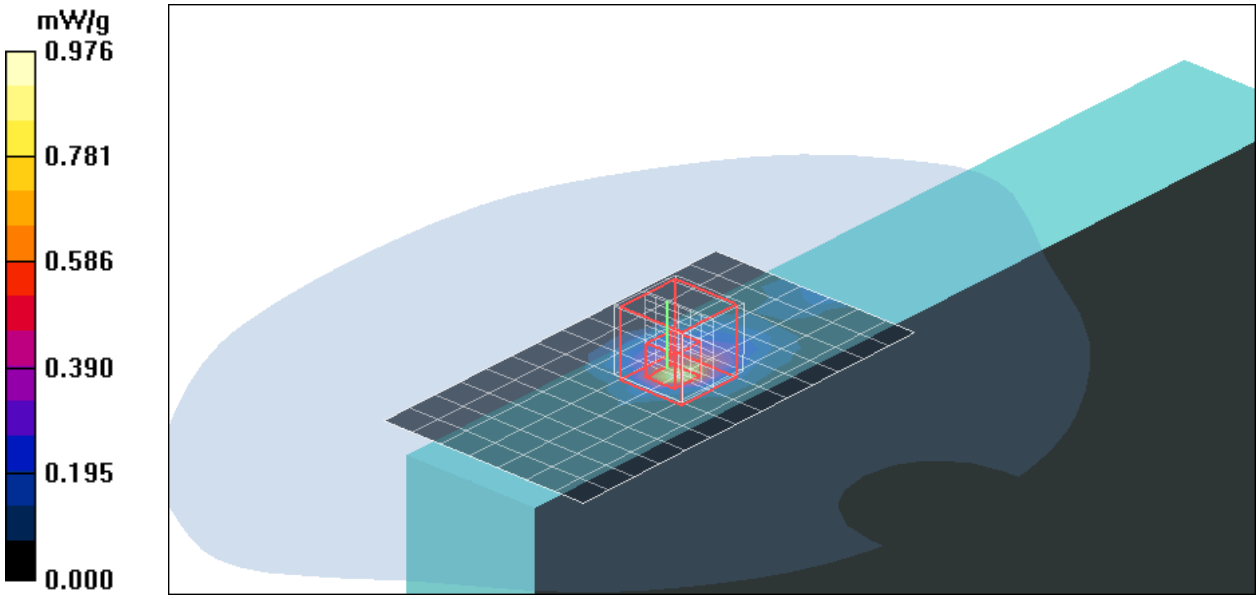
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6M bit/Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.976 mW/g

UNII Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.64 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 1.14 mW/g


mW/g
0.976
0.781
0.586
0.390
0.195
0.000

Date/Time: 8/13/2007 11:58:28 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.54 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

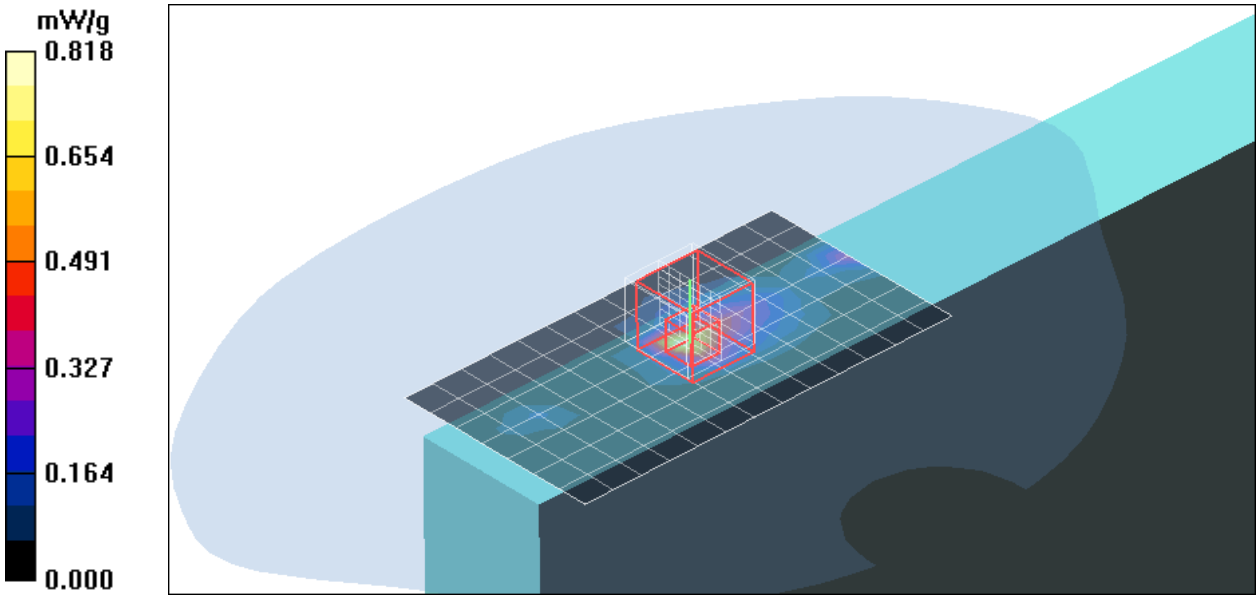
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII High CH Rate=6M bit/Area Scan (8x14x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.818 mW/g

UNII High CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.39 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.978 mW/g


mW/g
0.818
0.654
0.491
0.327
0.164
0.000

Date/Time: 8/14/2007 3:34:03 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.33 mho/m; ε_r = 48.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

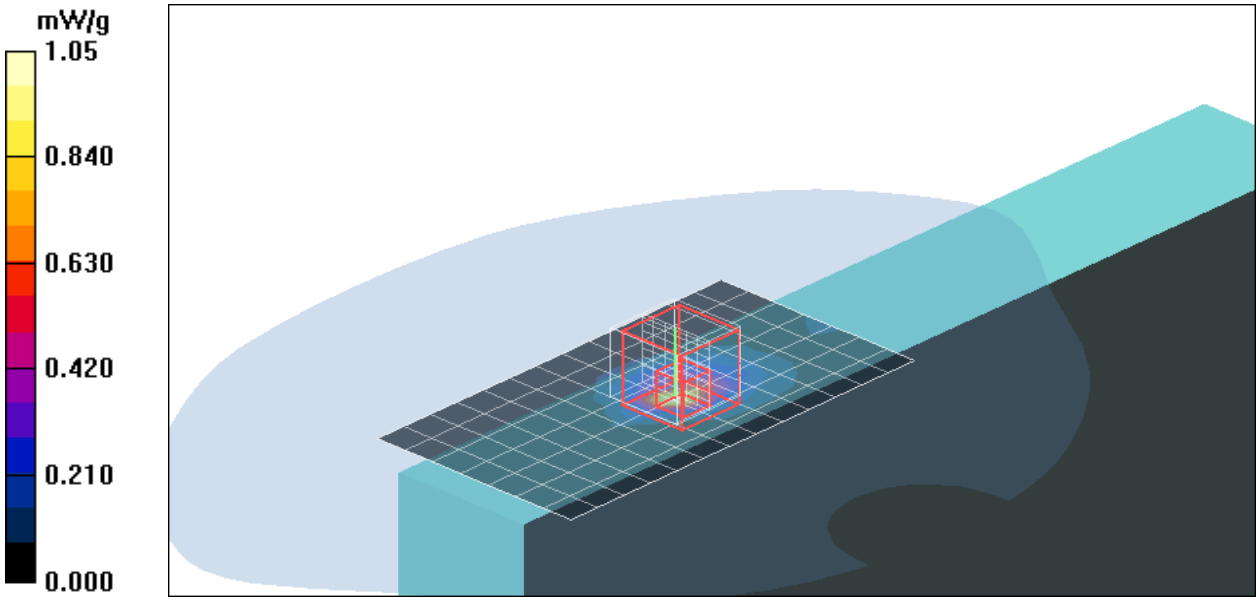
- Probe: EX3DV3 - SN3531; ConvF(4.11, 4.11, 4.11);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

co-Location BT+UNII Low CH Rate=6M bit/Area Scan (8x14x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.05 mW/g

co-Location BT+UNII Low CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.8 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 1.09 mW/g


mW/g
1.05
0.840
0.630
0.420
0.210
0.000

Date/Time: 8/13/2007 2:28:55 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.17 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Low CH Rate=6M bit/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

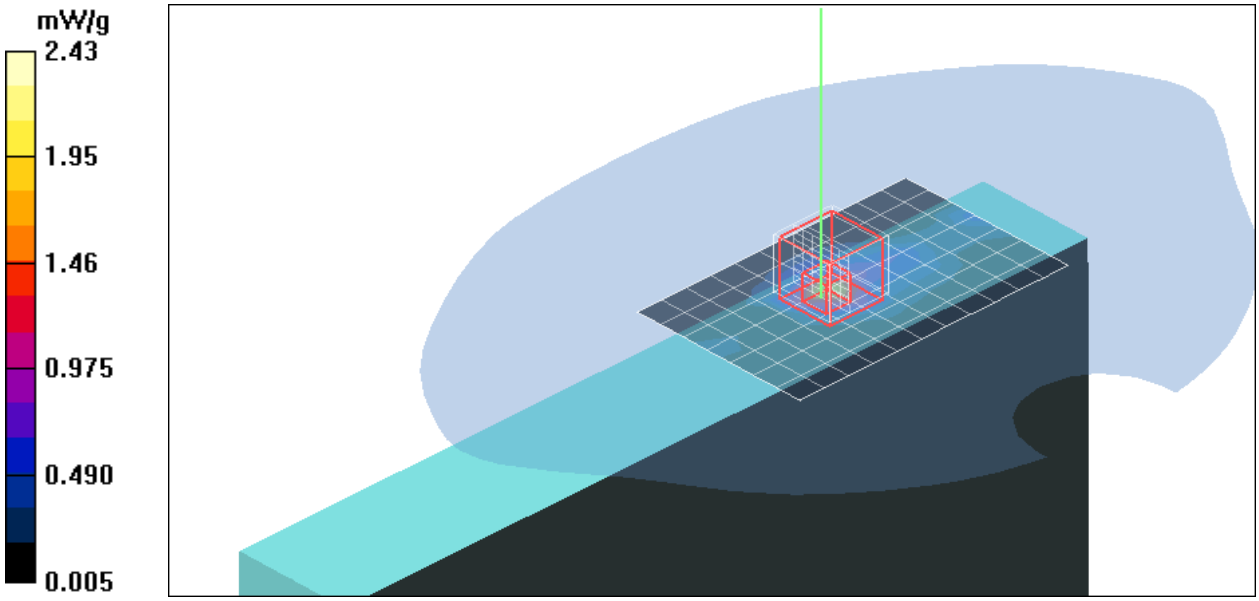
Maximum value of SAR (measured) = 2.08 mW/g

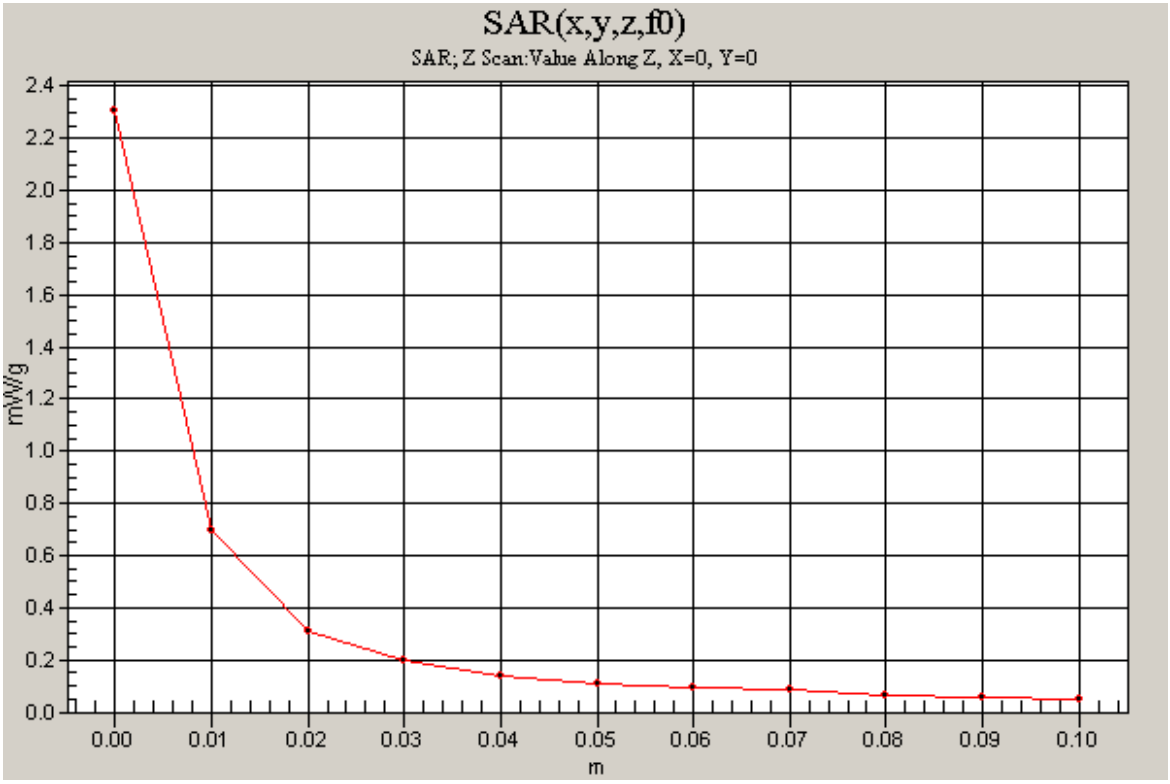
DTS Low CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.2 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 3.27 W/kg
SAR(1 g) = 1.410 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 2.43 mW/g

DTS Low CH Rate=6M bit/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 2.31 mW/g


mW/g
2.43
1.95
1.46
0.975
0.490
0.005


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/13/2007 1:00:33 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.21 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

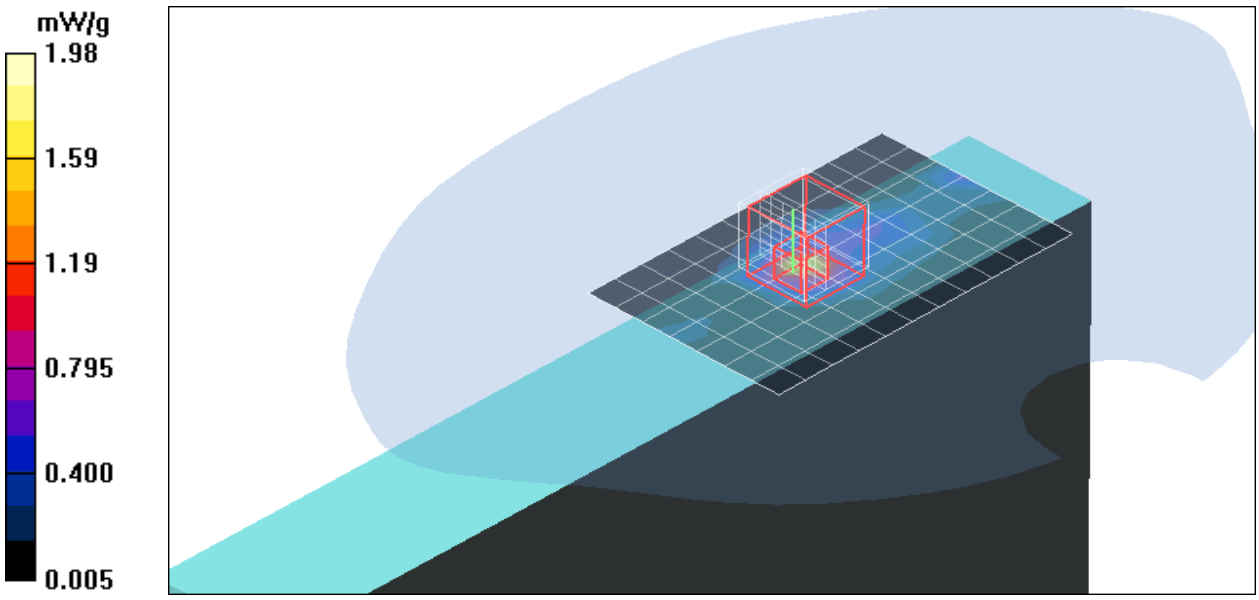
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6M bit/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.82 mW/g

DTS Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.81 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 1.98 mW/g


mW/g
1.98
1.59
1.19
0.795
0.400
0.005

Date/Time: 8/13/2007 3:48:07 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 6.25 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

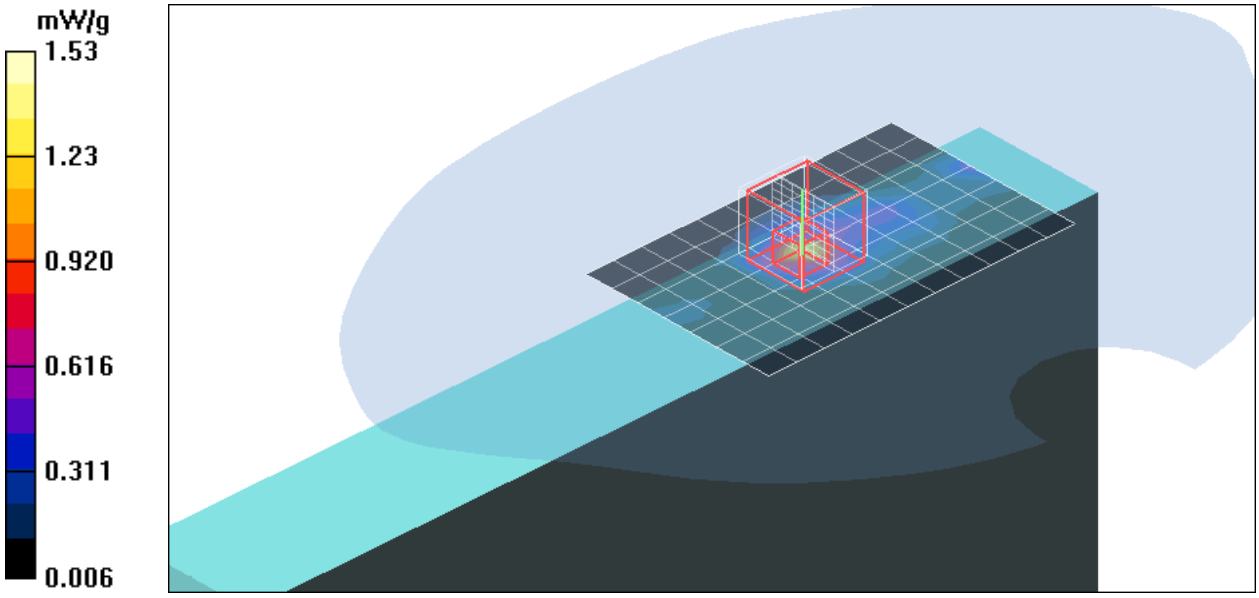
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=6M bit/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

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

DTS High CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.09 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 1.53 mW/g


mW/g
1.53
1.23
0.920
0.616
0.311
0.006

Date/Time: 8/13/2007 1:43:45 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.21 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6M bit/Area Scan (8x14x1): Measurement grid:

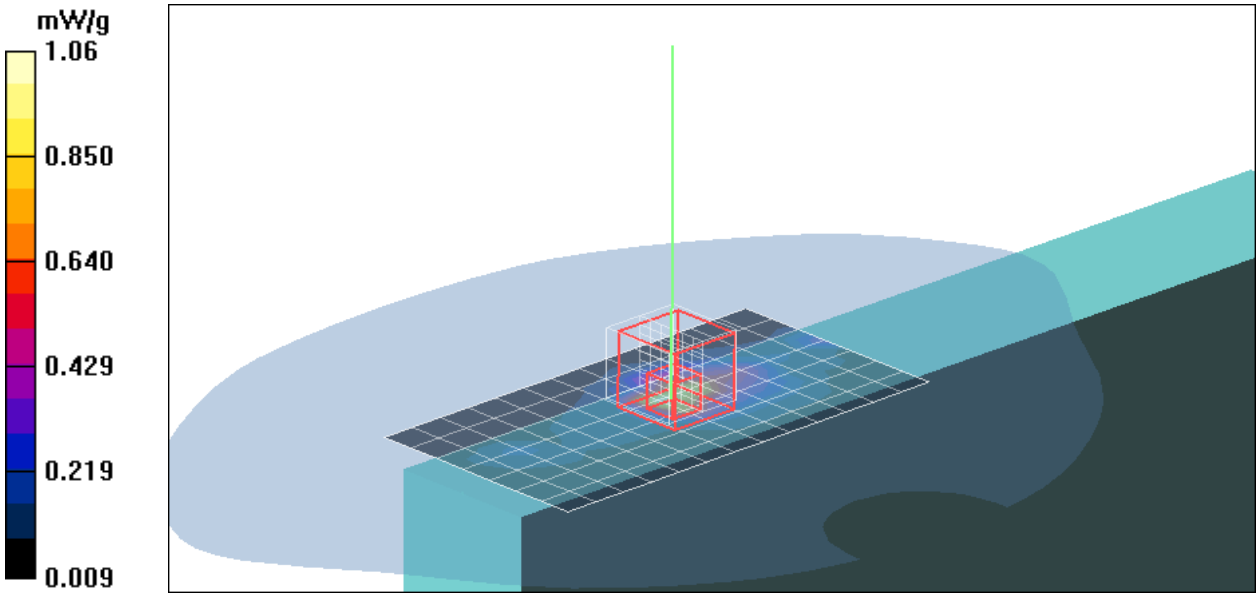
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.06 mW/g

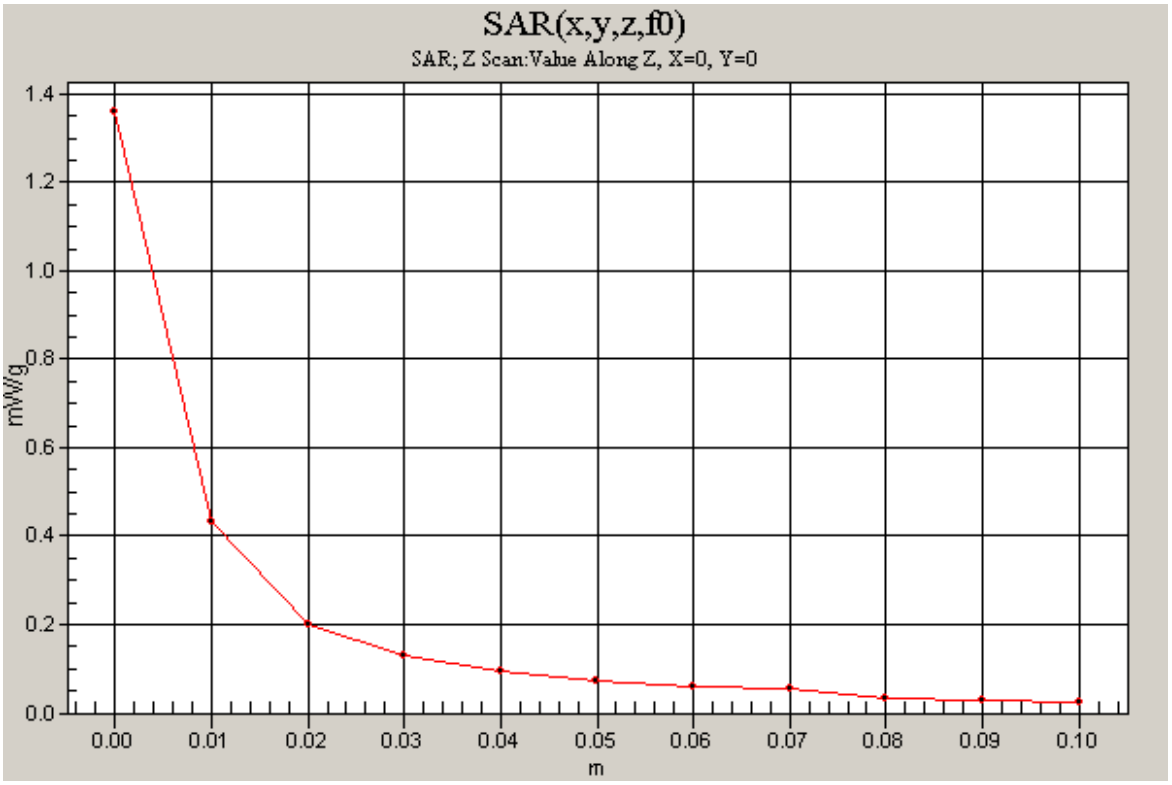
DTS Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.3 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 1.32 mW/g

DTS Middle CH Rate=6M bit/Z Scan (1x1x11): Measurement grid:

dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.36 mW/g


mW/g
1.06
0.850
0.640
0.429
0.219
0.009


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 8/14/2007 4:34:52 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.17 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

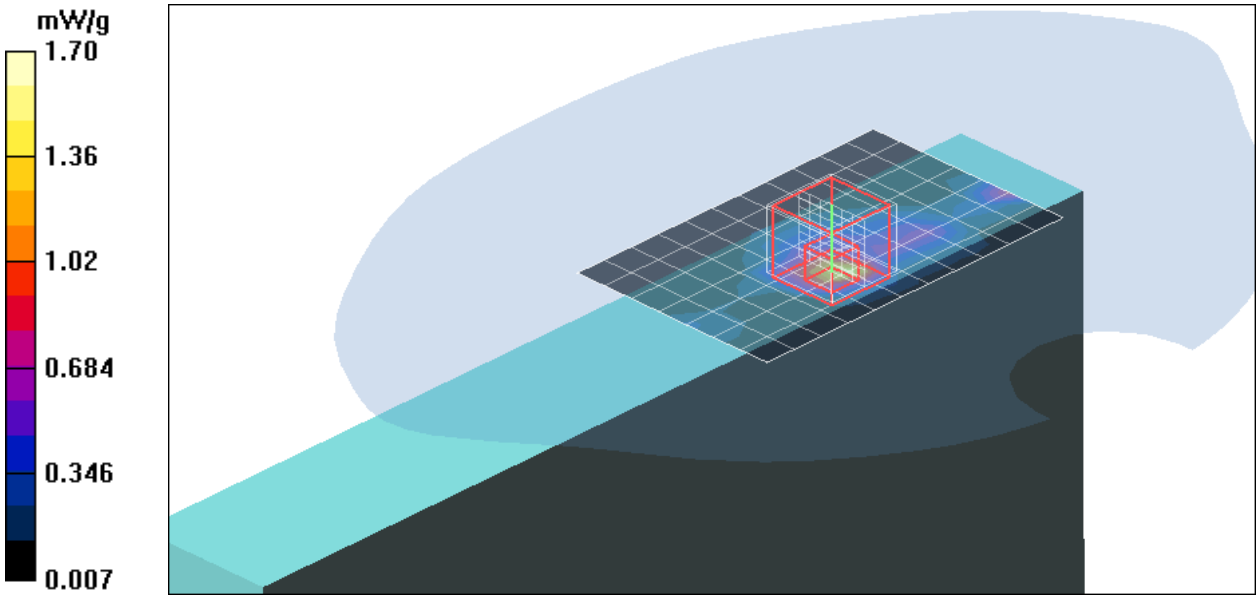
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

co-Location BT+DTS Low CH Rate=6M bit 5 -2.0 2/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.54 mW/g

co-Location BT+DTS Low CH Rate=6M bit 5 -2.0 2/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.94 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 1.70 mW/g


mW/g
1.70
1.36
1.02
0.684
0.346
0.007

Date/Time: 8/13/2007 5:04:09 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.45 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

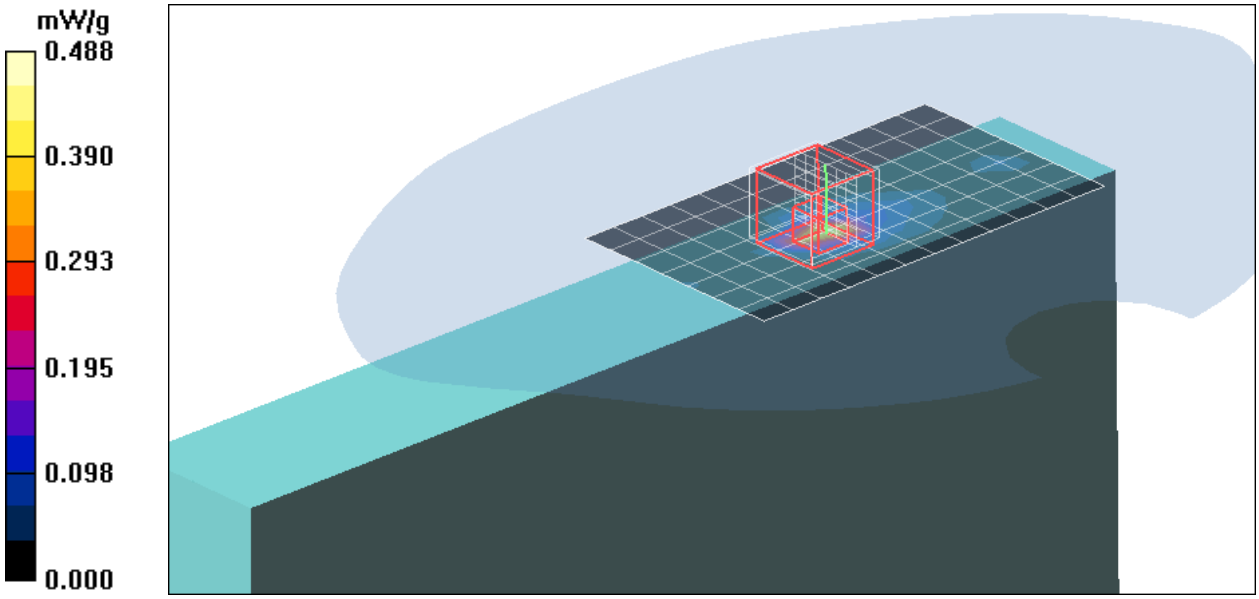
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.461 mW/g

UNII Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.45 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.717 W/kg
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.488 mW/g


mW/g
0.488
0.390
0.293
0.195
0.098
0.000

Date/Time: 8/13/2007 5:45:26 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.45 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

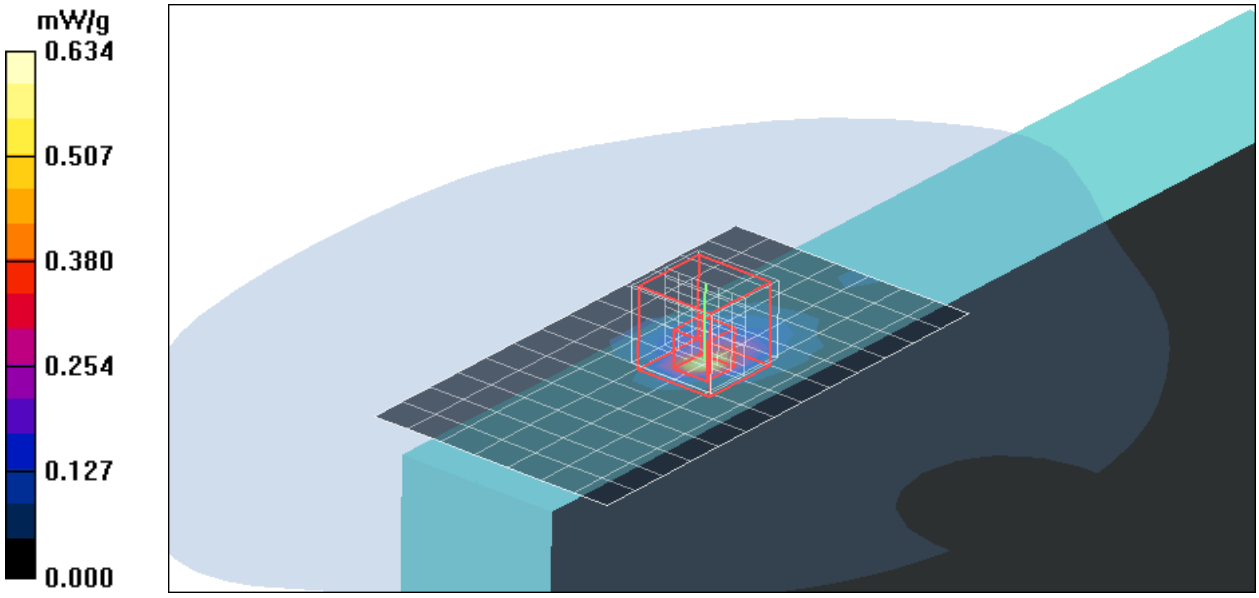
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6.5M bit/Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.596 mW/g

UNII Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.45 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.634 mW/g


mW/g
0.634
0.507
0.380
0.254
0.127
0.000

Date/Time: 8/13/2007 7:45:41 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 6.17 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

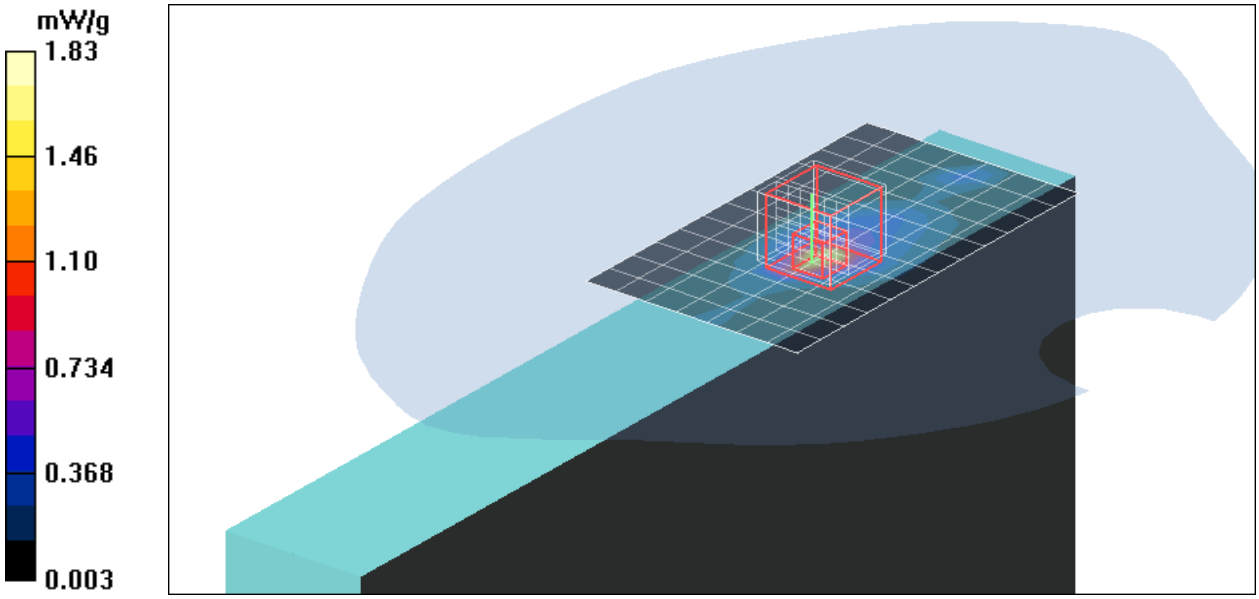
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Low CH Rate=6.5M bit/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.71 mW/g

DTS Low CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.3 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 1.83 mW/g


mW/g
1.83
1.46
1.10
0.734
0.368
0.003

Date/Time: 8/13/2007 6:26:55 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

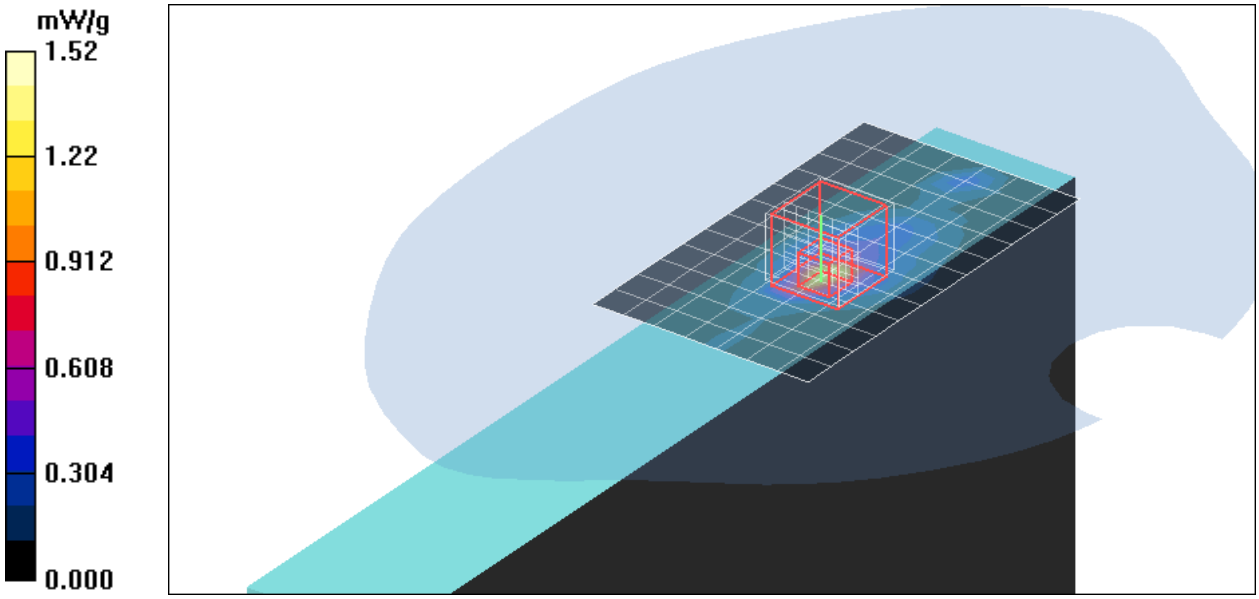
Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.21 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 deg C;Liquid Temperature:24.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.39 mW/g

DTS Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.74 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 1.52 mW/g


mW/g
1.52
1.22
0.912
0.608
0.304
0.000

Date/Time: 8/13/2007 8:22:02 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 6.25 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

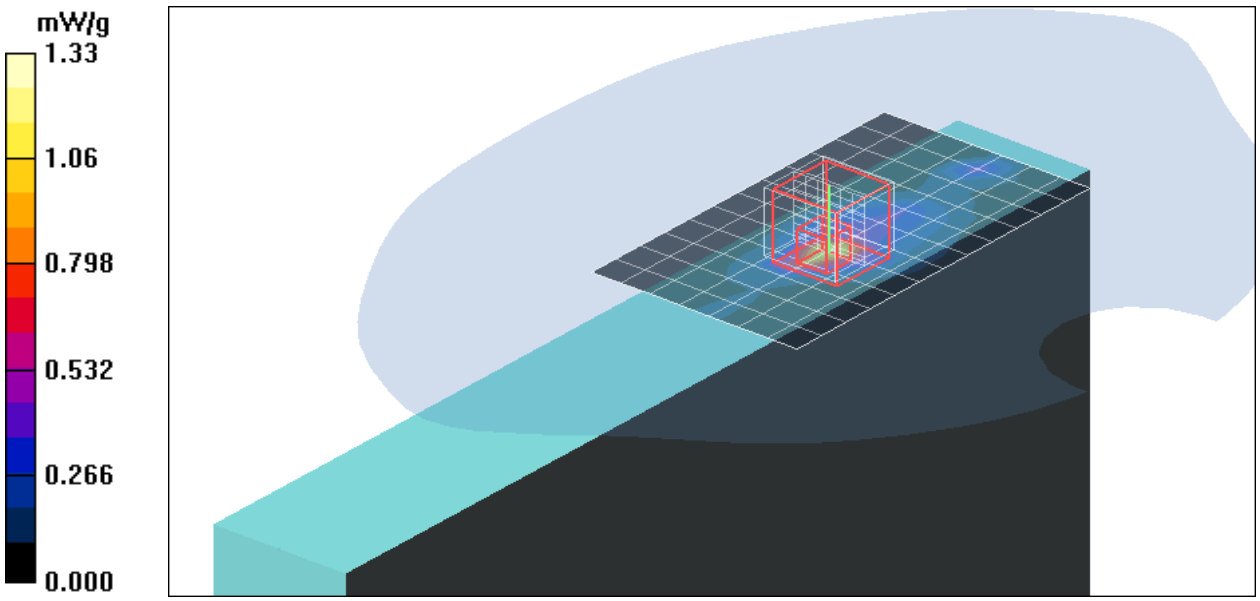
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=6.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.26 mW/g

DTS High CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.18 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 1.33 mW/g


mW/g
1.33
1.06
0.798
0.532
0.266
0.000

Date/Time: 8/13/2007 7:04:32 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Aux ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

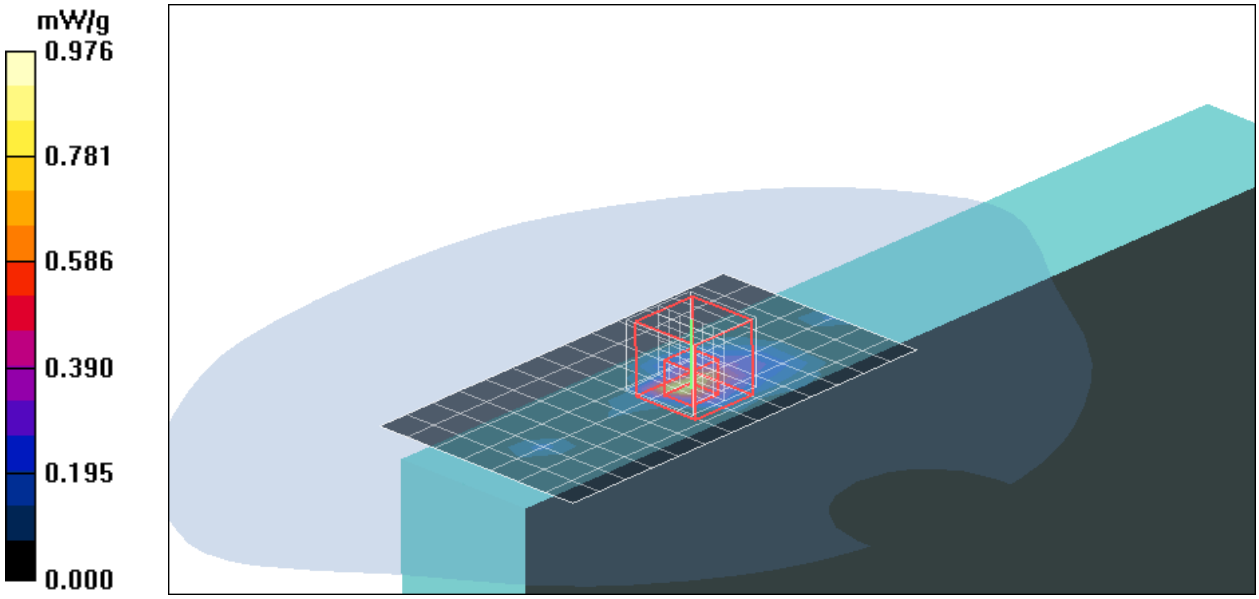
Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.21 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 deg C;Liquid Temperature:24.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6.5M bit/Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.844 mW/g

DTS Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.99 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.976 mW/g


mW/g
0.976
0.781
0.586
0.390
0.195
0.000

Date/Time: 8/13/2007 8:58:46 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.46 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

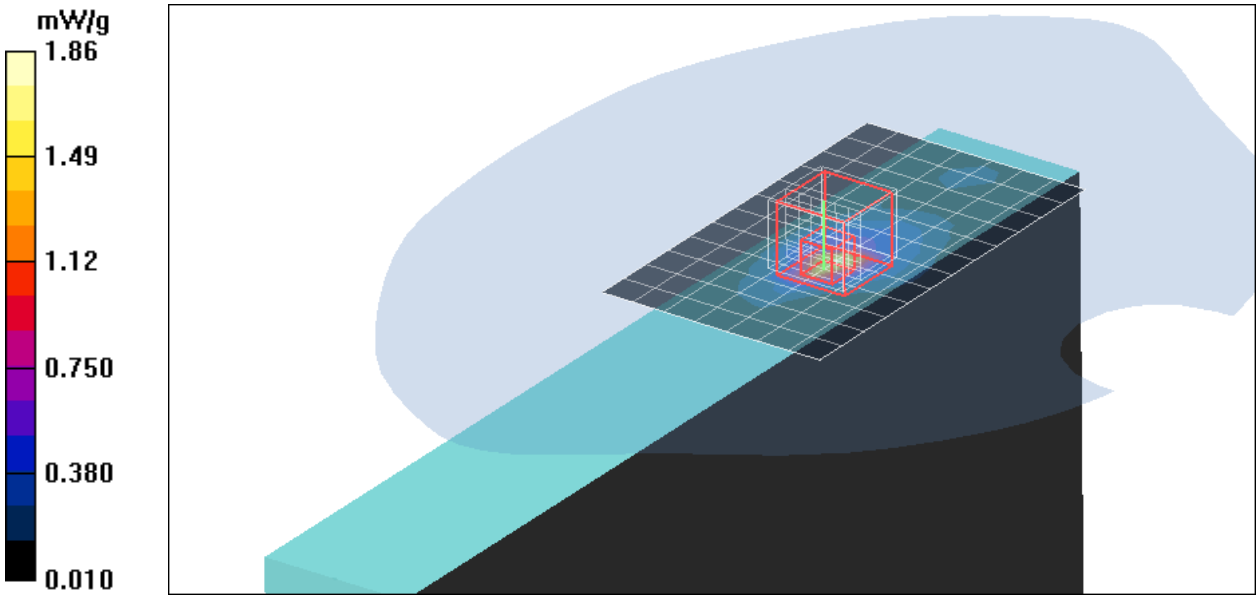
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=13.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.78 mW/g

UNII Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.2 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 1.86 mW/g


mW/g
1.86
1.49
1.12
0.750
0.380
0.010

Date/Time: 8/13/2007 10:16:48 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5190 MHz; σ = 5.35 mho/m; ε_r = 48.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

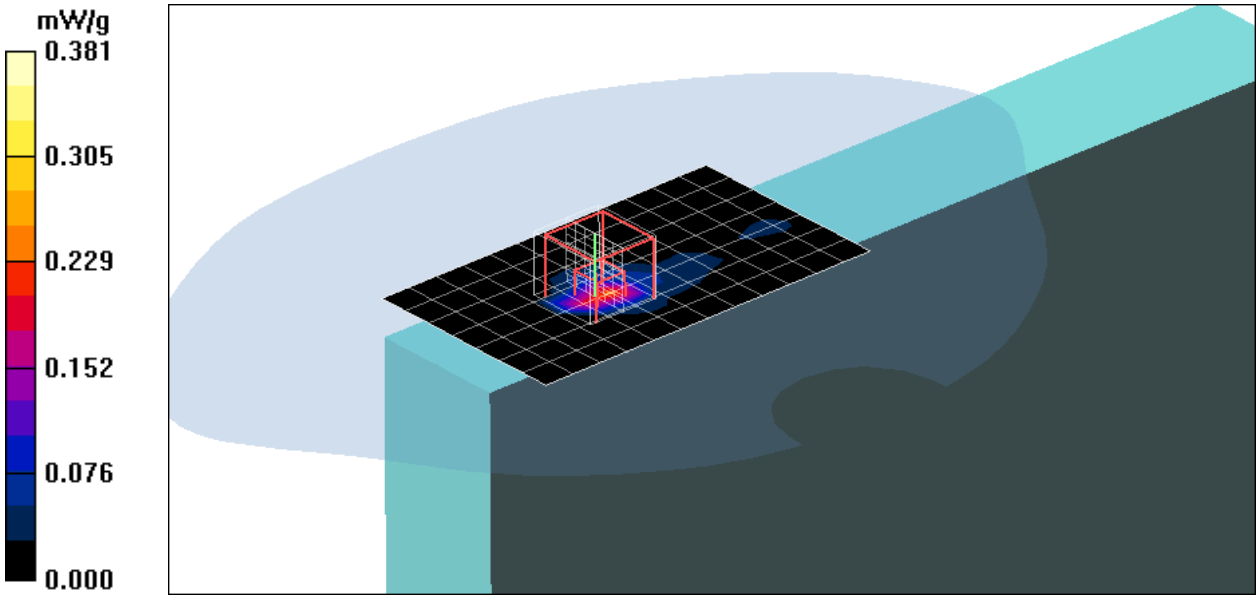
- Probe: EX3DV3 - SN3531; ConvF(4.11, 4.11, 4.11);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Low CH Rate=13.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.252 mW/g

UNII Low CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.11 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.285 mW/g


mW/g
0.381
0.305
0.229
0.152
0.076
0.000

Date/Time: 8/13/2007 9:41:25 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

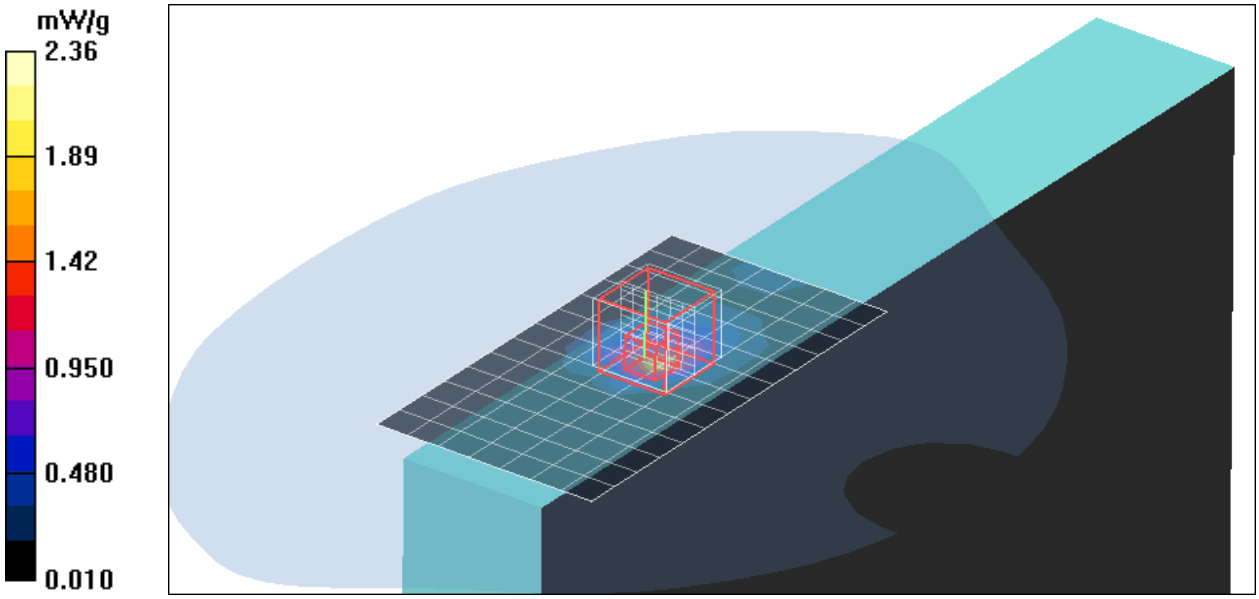
Communication System: IEEE 802.11 A; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.46 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 deg C;Liquid Temperature:24.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=13.5M bit/Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.82 mW/g

UNII Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 16.6 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 3.12 W/kg
SAR(1 g) = 1.390 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 2.36 mW/g


mW/g
2.36
1.89
1.42
0.950
0.480
0.010

Date/Time: 8/13/2007 10:54:25 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Tip Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5310 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5310 MHz; σ = 5.52 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

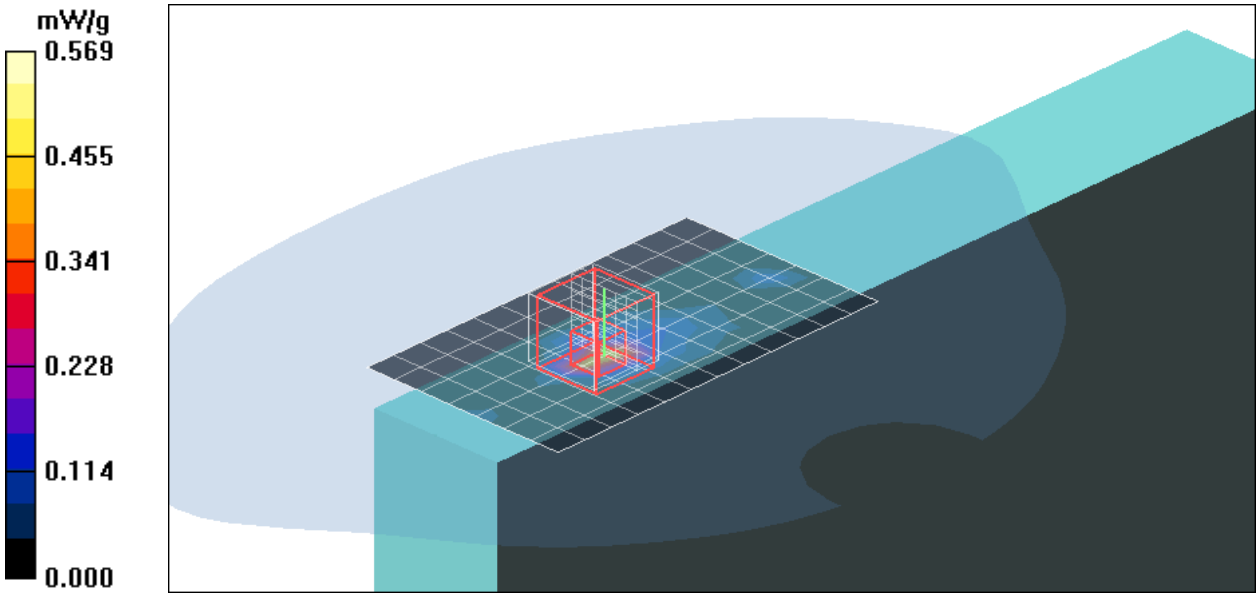
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII High CH Rate=13.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.472 mW/g

UNII High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.88 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.737 W/kg
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.546 mW/g


mW/g
0.569
0.455
0.341
0.228
0.114
0.000

Date/Time: 8/13/2007 11:39:17 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 6.18 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

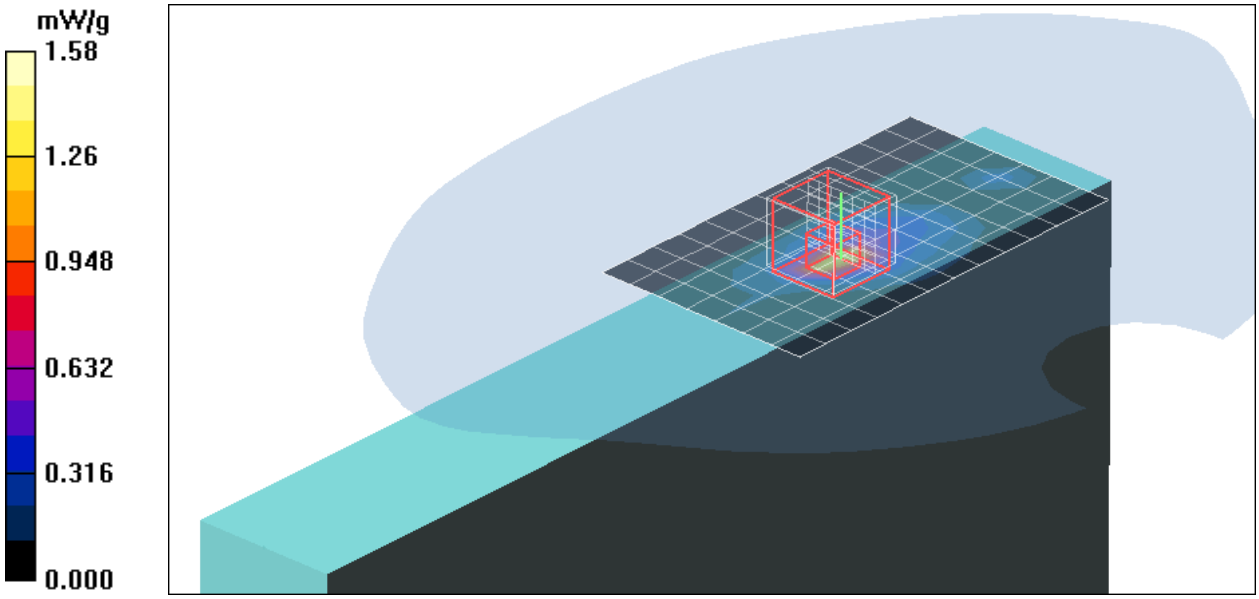
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=13.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.37 mW/g

DTS Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.47 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 1.58 mW/g


mW/g
1.58
1.26
0.948
0.632
0.316
0.000

Date/Time: 8/14/2007 1:32:00 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

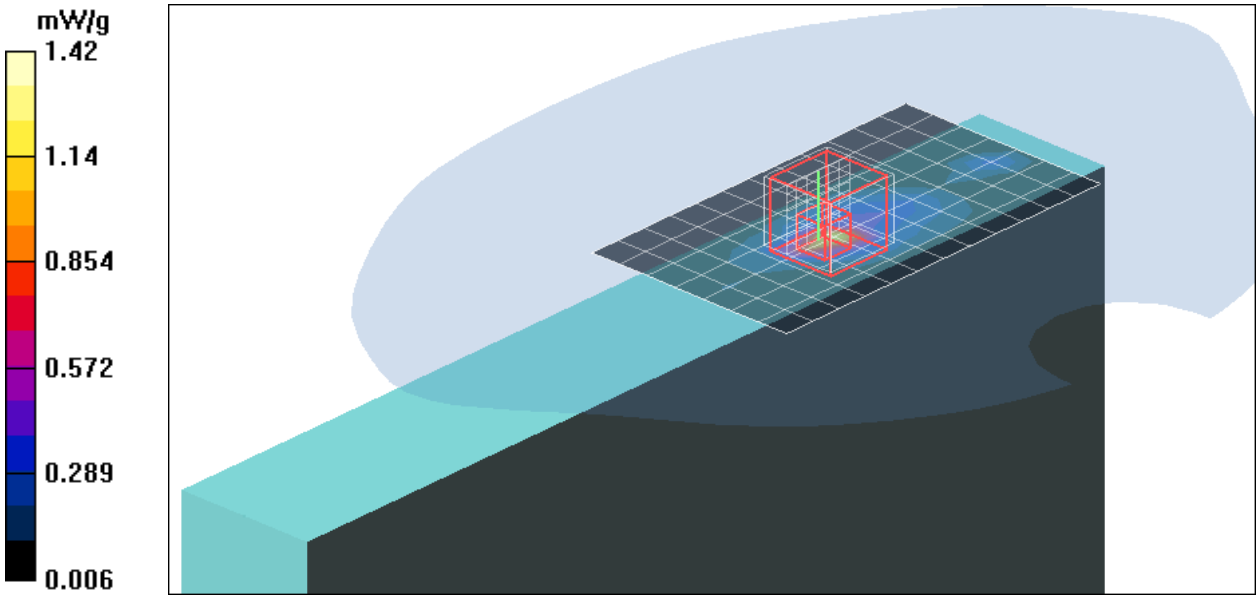
Communication System: IEEE 802.11 A; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5795 MHz; σ = 6.22 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 deg C;Liquid Temperature:24.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=13.5M bit/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.23 mW/g

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.91 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 1.42 mW/g


mW/g
1.42
1.14
0.854
0.572
0.289
0.006

Date/Time: 8/14/2007 12:17:29 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 6.18 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

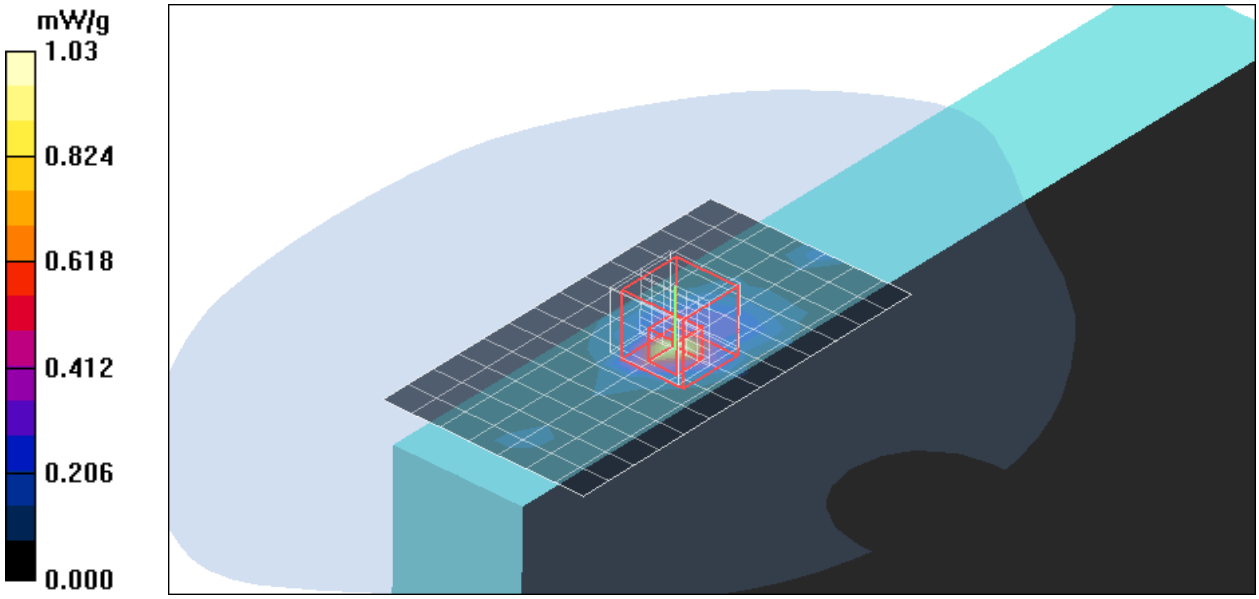
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=13.5M bit/Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.00 mW/g

DTS Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.02 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 1.03 mW/g


mW/g
1.03
0.824
0.618
0.412
0.206
0.000

Date/Time: 8/14/2007 2:27:41 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Tip Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5795 MHz; σ = 6.22 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.6 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:

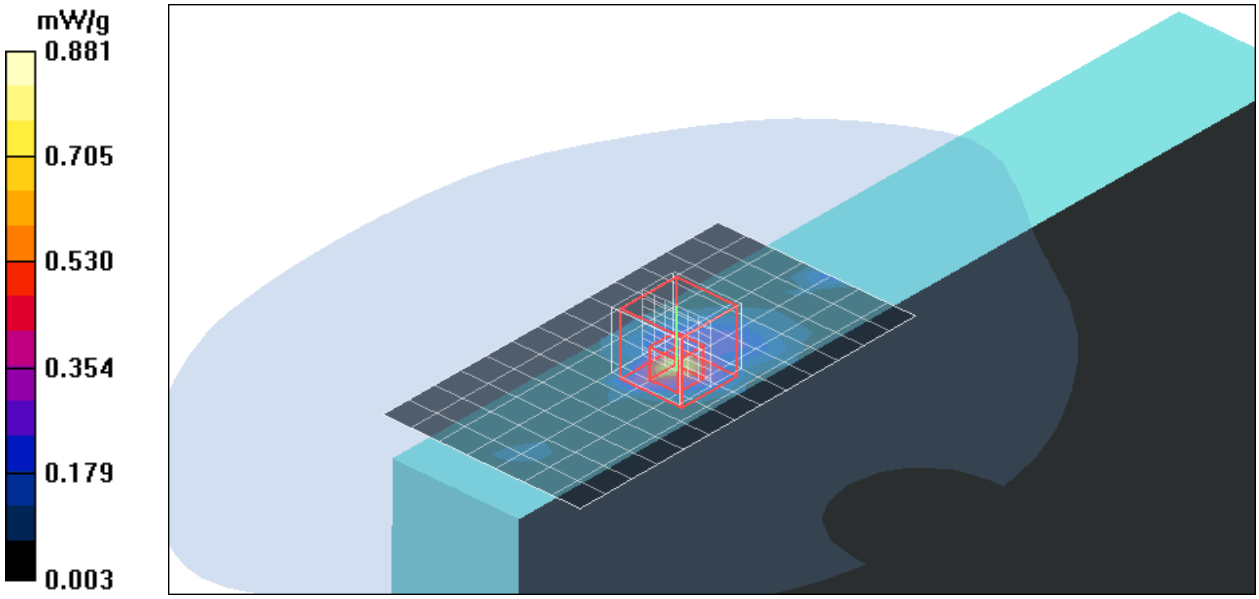
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=13.5M bit/Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm

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

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.81 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.881 mW/g


mW/g
0.881
0.705
0.530
0.354
0.179
0.003

Date/Time: 8/17/2007 11:04:14 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Left side Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3

Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

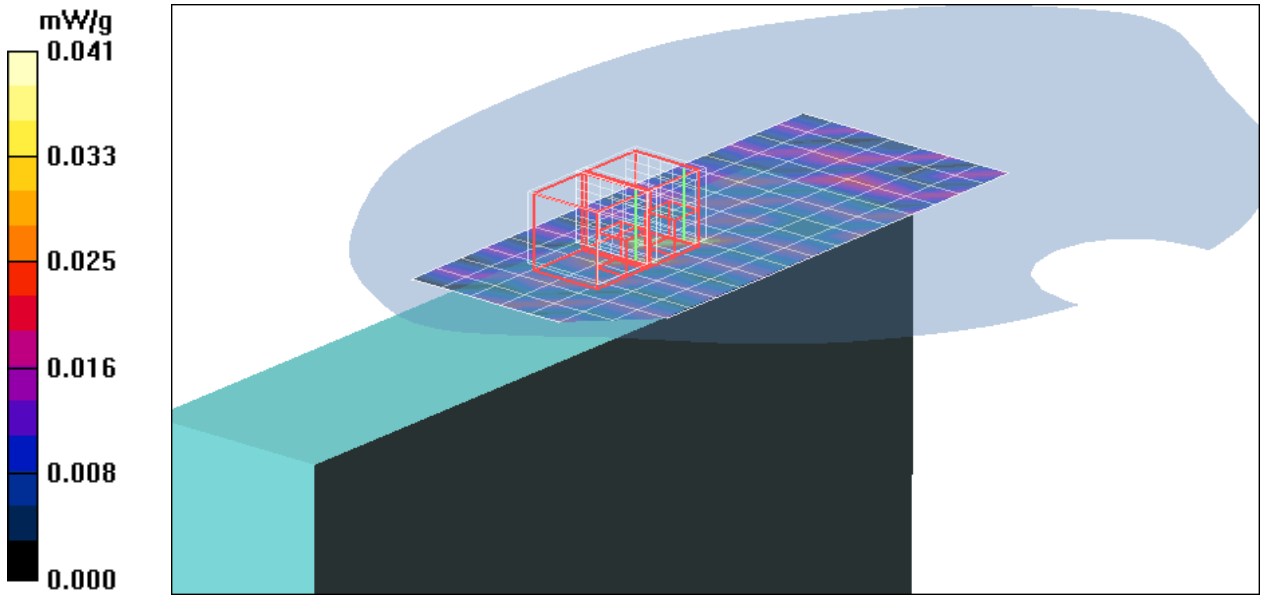
Maximum value of SAR (measured) = 0.037 mW/g

UNII Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.05 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.00768 mW/g; SAR(10 g) = 0.00224 mW/g
Maximum value of SAR (measured) = 0.041 mW/g

UNII Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.05 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.064 W/kg
SAR(1 g) = 0.00499 mW/g; SAR(10 g) = 0.00145 mW/g
Maximum value of SAR (measured) = 0.028 mW/g


mW/g
0.041
0.033
0.025
0.016
0.008
0.000

Date/Time: 8/17/2007 12:56:01 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Left side Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

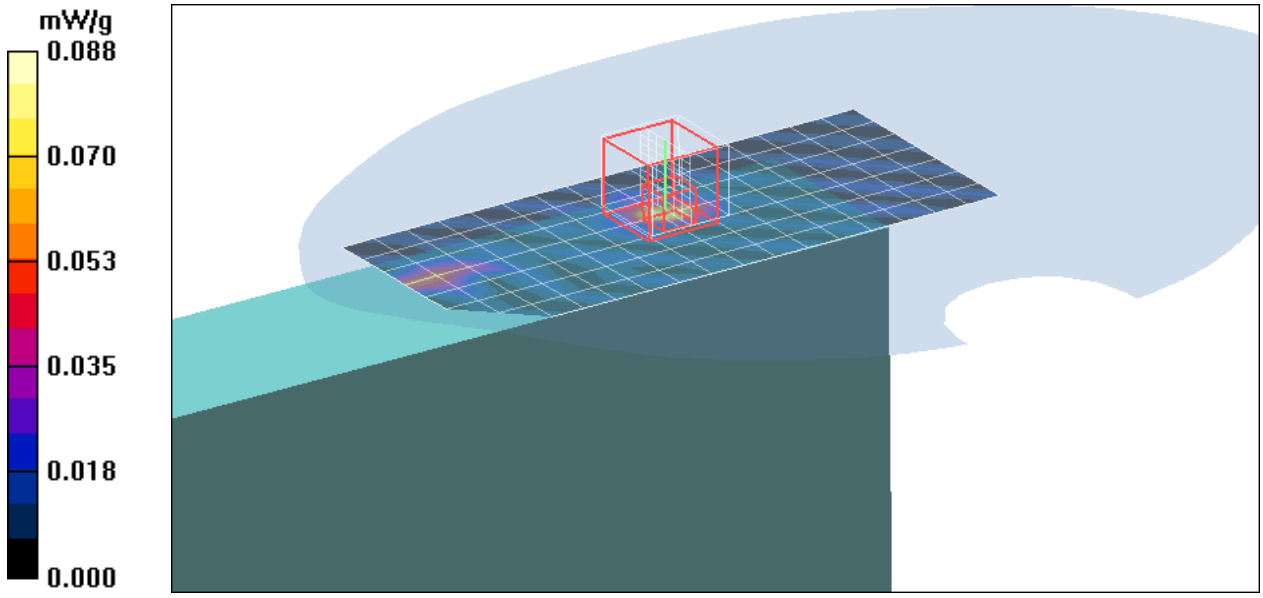
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.088 mW/g

DTS Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.84 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.610 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.00849 mW/g
Maximum value of SAR (measured) = 0.077 mW/g


mW/g
0.088
0.070
0.053
0.035
0.018
0.000

Date/Time: 8/17/2007 2:28:11 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Left side Touch mode Aux ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

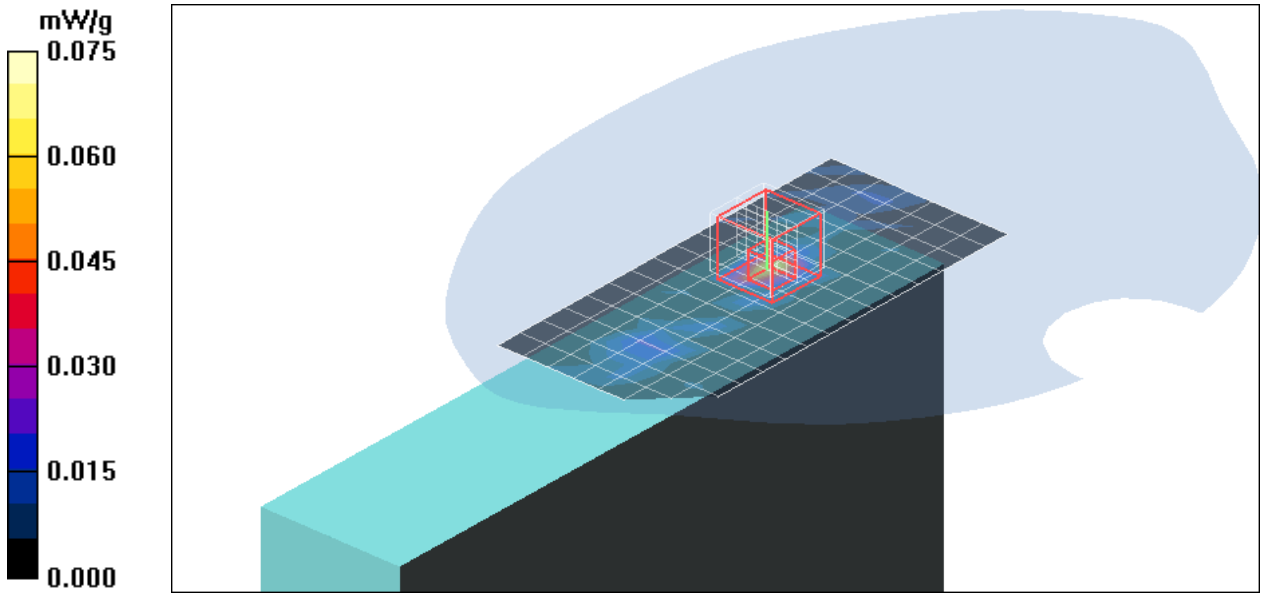
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6.5M bit/Area Scan (8x16x1): Measurement grid: dx=10mm, dy=10mm

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

UNII Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.18 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.075 mW/g


mW/g
0.075
0.060
0.045
0.030
0.015
0.000

Date/Time: 8/17/2007 4:04:44 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Left side Touch mode Aux ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

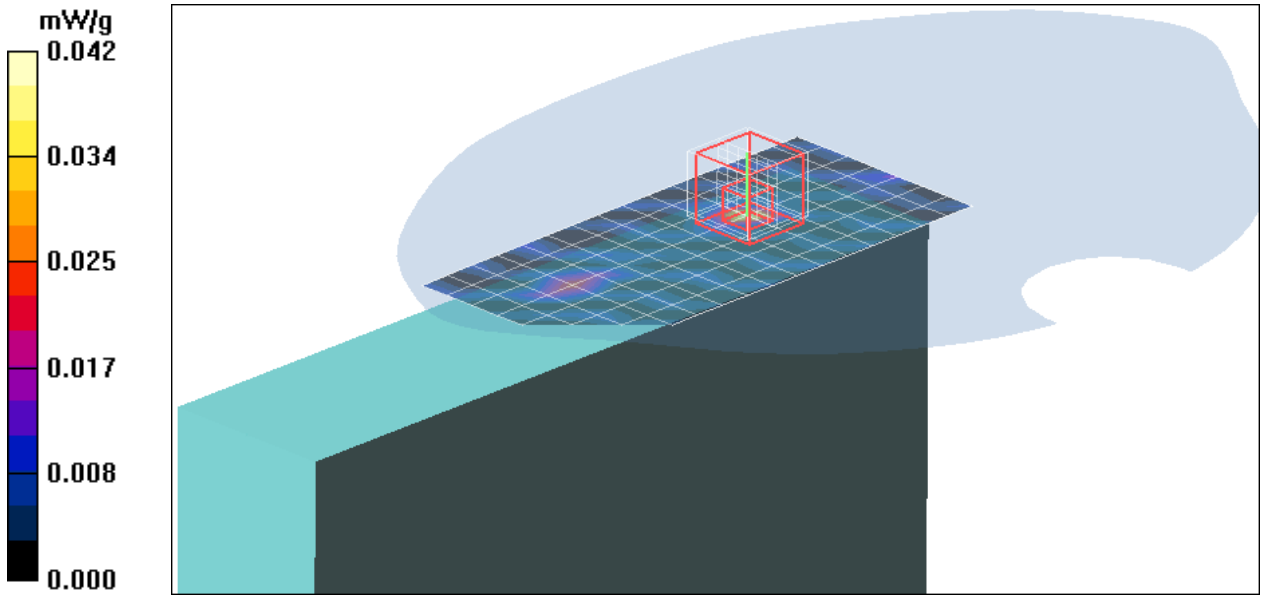
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6.5M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.042 mW/g

DTS Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.34 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.00412 mW/g; SAR(10 g) = 0.000647 mW/g
Maximum value of SAR (measured) = 0.045 mW/g


mW/g
0.042
0.034
0.025
0.017
0.008
0.000

Date/Time: 8/17/2007 5:33:49 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Left side Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.35 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

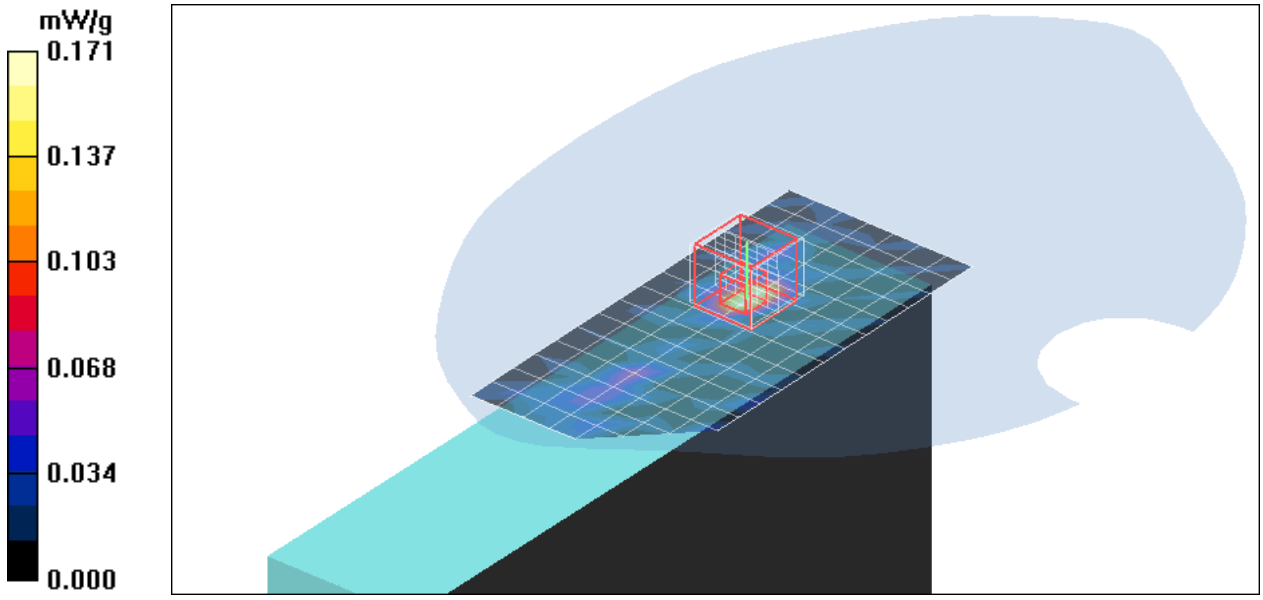
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=13.5M bit/Area Scan (8x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.171 mW/g

UNII Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.21 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.146 mW/g


mW/g
0.171
0.137
0.103
0.068
0.034
0.000

Date/Time: 8/17/2007 6:50:15 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Left side Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 6.08 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=13.5M bit/Area Scan (9x17x1): Measurement grid: dx=10mm, dy=10mm

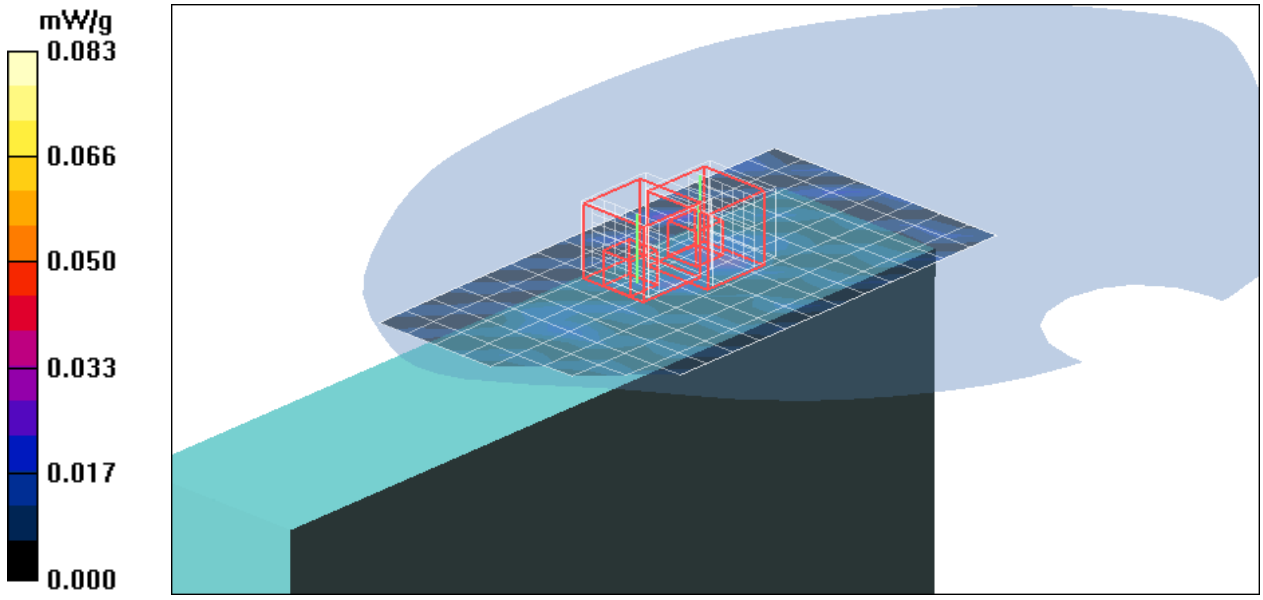
Maximum value of SAR (measured) = 0.037 mW/g

DTS Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.87 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00187 mW/g
Maximum value of SAR (measured) = 0.083 mW/g

DTS Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.87 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00293 mW/g
Maximum value of SAR (measured) = 0.086 mW/g


mW/g
0.083
0.066
0.050
0.033
0.017
0.000

Date/Time: 8/17/2007 8:24:29 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Left side Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5795 MHz; σ = 6.11 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=13.5M bit/Area Scan (9x17x1): Measurement grid: dx=10mm, dy=10mm

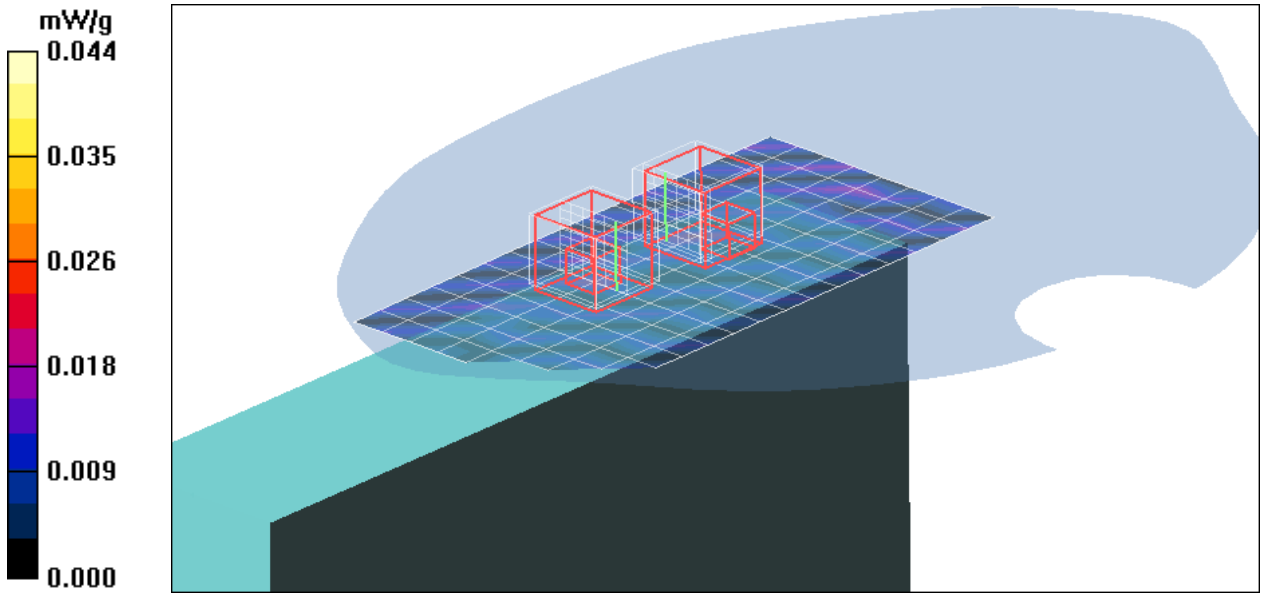
Maximum value of SAR (measured) = 0.023 mW/g

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.92 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.0059 mW/g; SAR(10 g) = 0.00163 mW/g
Maximum value of SAR (measured) = 0.044 mW/g

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.92 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.00677 mW/g; SAR(10 g) = 0.00166 mW/g
Maximum value of SAR (measured) = 0.043 mW/g


mW/g
0.044
0.035
0.026
0.018
0.009
0.000

Date/Time: 8/17/2007 11:47:20 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Right side Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

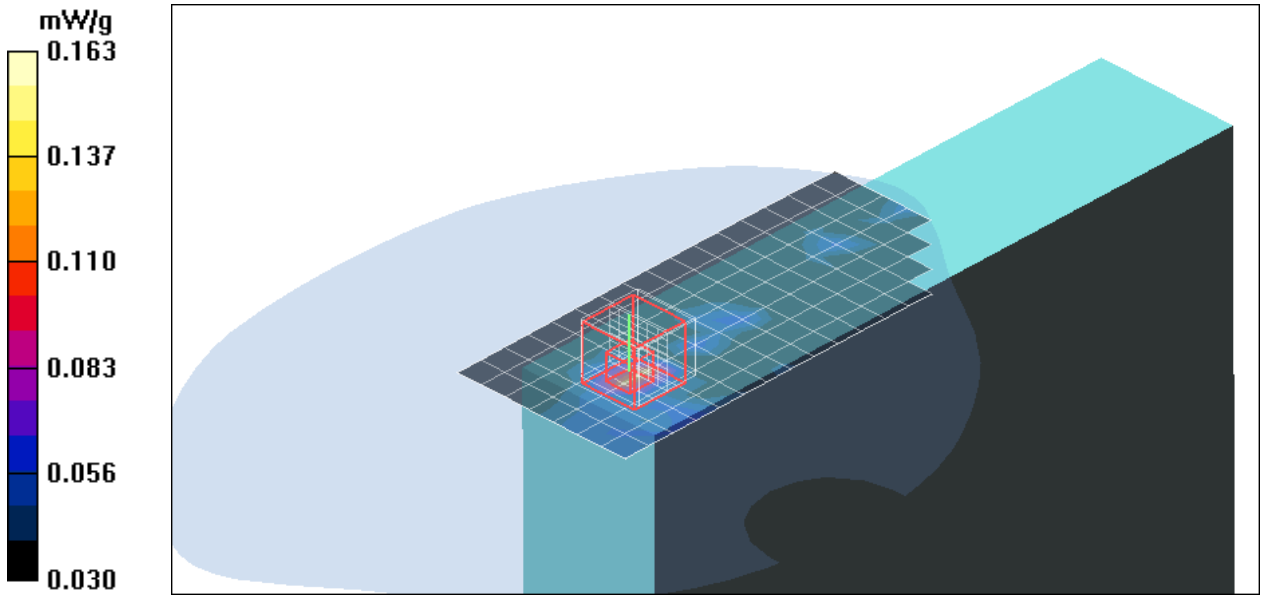
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6M bit/Area Scan (8x17x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.117 mW/g

DTS Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.02 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.163 mW/g


mW/g
0.163
0.137
0.110
0.083
0.056
0.030

Date/Time: 8/17/2007 1:48:17 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Right side Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

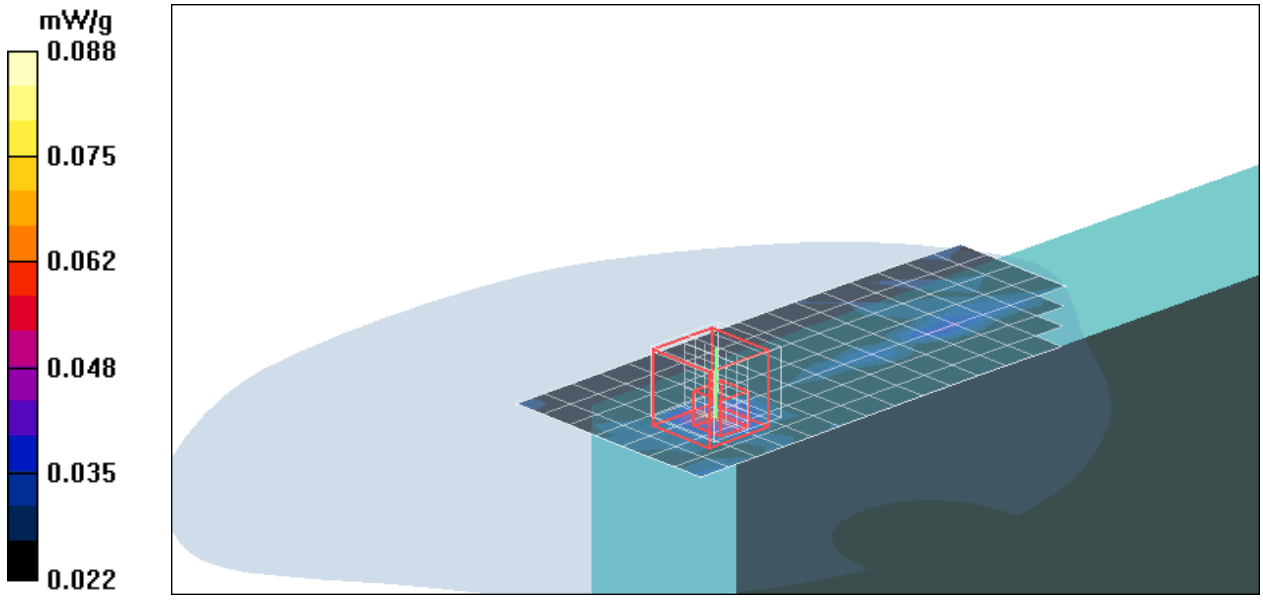
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.063 mW/g

UNII Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.39 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.088 mW/g


mW/g
0.088
0.075
0.062
0.048
0.035
0.022

Date/Time: 8/17/2007 3:17:33 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Right side Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3

Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6.5M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

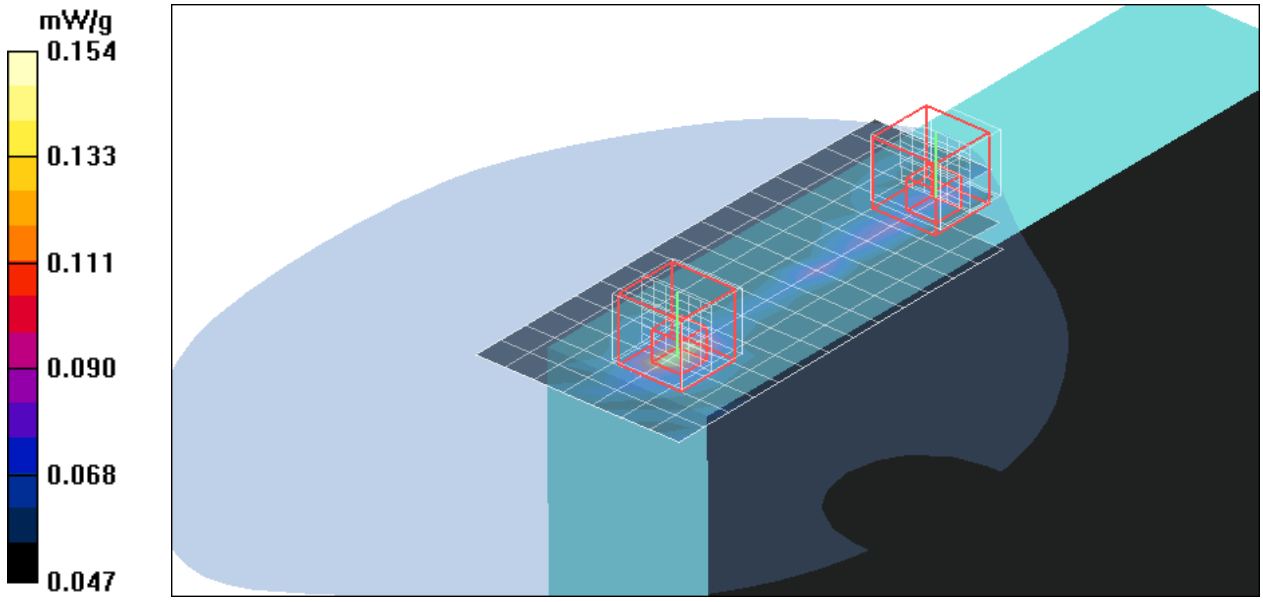
Maximum value of SAR (measured) = 0.140 mW/g

UNII Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.87 V/m; Power Drift = -0.189 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.154 mW/g

UNII Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.87 V/m; Power Drift = -0.189 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.098 mW/g


mW/g
0.154
0.133
0.111
0.090
0.068
0.047

Date/Time: 8/17/2007 4:46:11 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Right side Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6.5M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

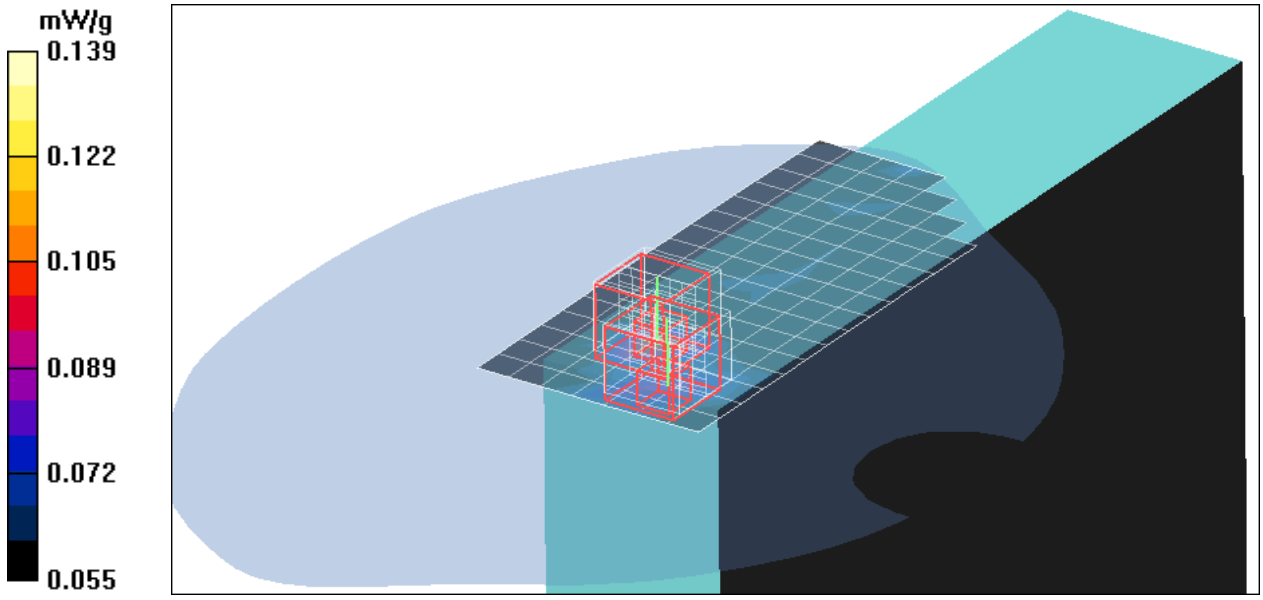
Maximum value of SAR (measured) = 0.110 mW/g

DTS Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.44 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.139 mW/g

DTS Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.44 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.101 mW/g


mW/g
0.139
0.122
0.105
0.089
0.072
0.055

Date/Time: 8/17/2007 6:14:07 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Right side Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.35 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

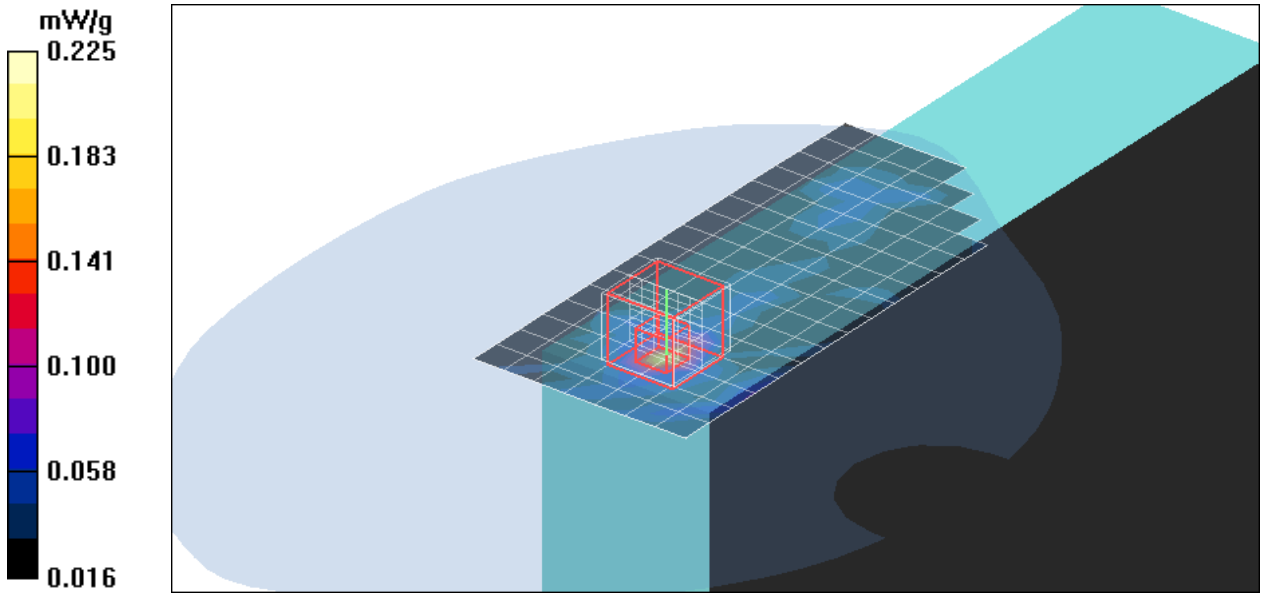
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=13.5M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.190 mW/g

UNII Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.20 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.225 mW/g


mW/g
0.225
0.183
0.141
0.100
0.058
0.016

Date/Time: 8/17/2007 7:37:16 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Right side Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 6.08 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

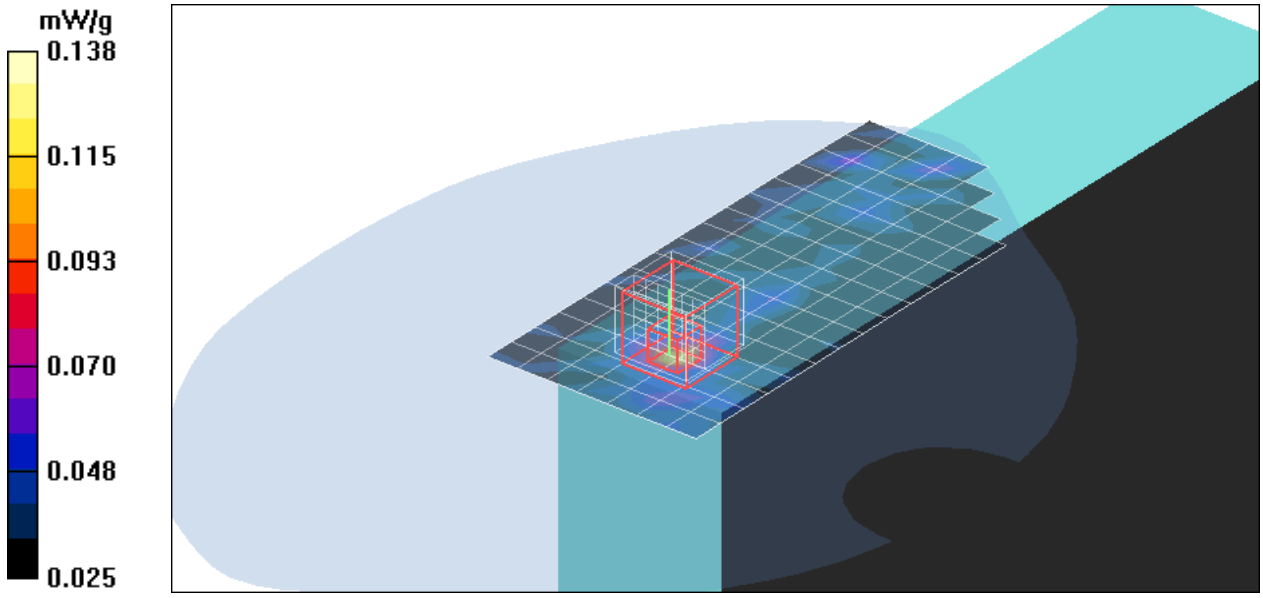
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=13.5M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.121 mW/g

DTS Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.40 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.138 mW/g


mW/g
0.138
0.115
0.093
0.070
0.048
0.025

Date/Time: 8/17/2007 9:05:34 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Right side Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5795 MHz; σ = 6.11 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 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(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=13.5M bit/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

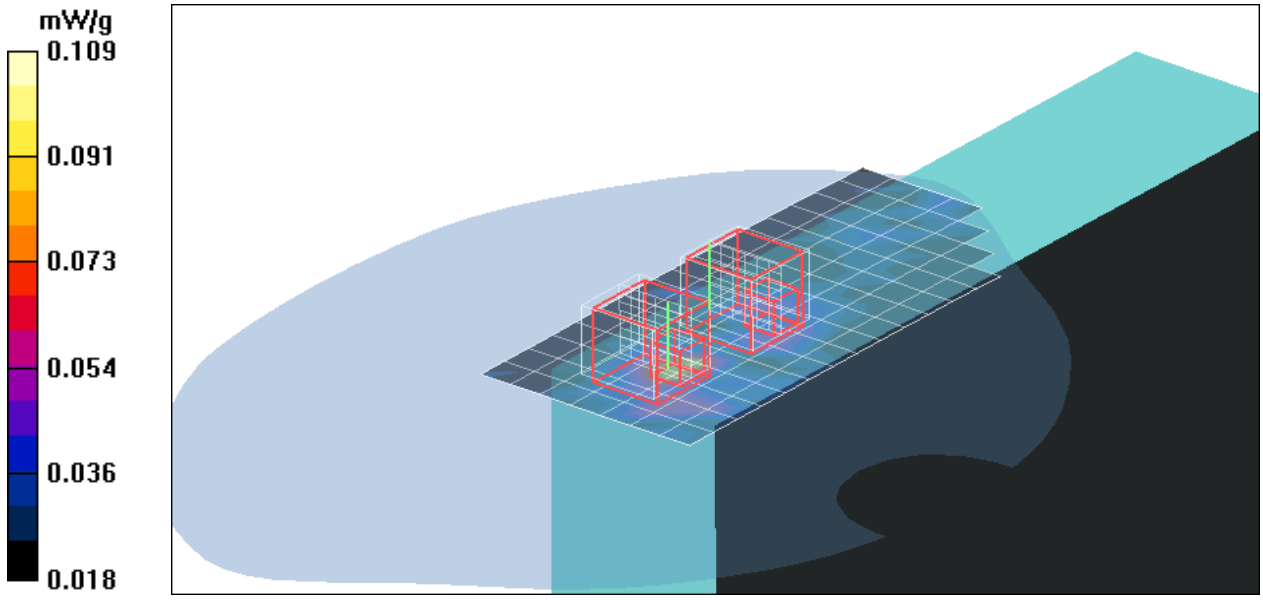
Maximum value of SAR (measured) = 0.089 mW/g

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.05 V/m; Power Drift = -0.193 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.109 mW/g

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.05 V/m; Power Drift = -0.193 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.065 mW/g


mW/g
0.109
0.091
0.073
0.054
0.036
0.018

Date/Time: 8/17/2007 10:16:09 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Bottom Flat Touch mode Aux ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

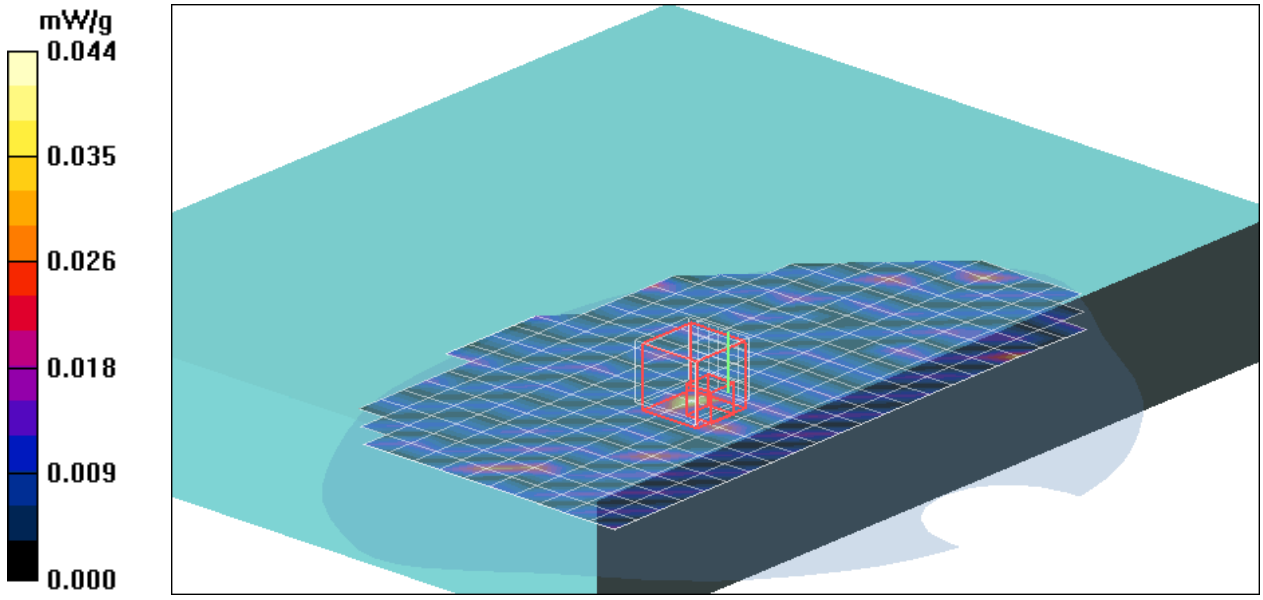
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.044 mW/g

UNII Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.14 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.003 W/kg
SAR(1 g) = 0.00015 mW/g; SAR(10 g) = 0.000147 mW/g
Maximum value of SAR (measured) = 0.024 mW/g


mW/g
0.044
0.035
0.026
0.018
0.009
0.000

Date/Time: 8/17/2007 11:22:13 PM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Bottom Flat Touch mode Main ant.

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

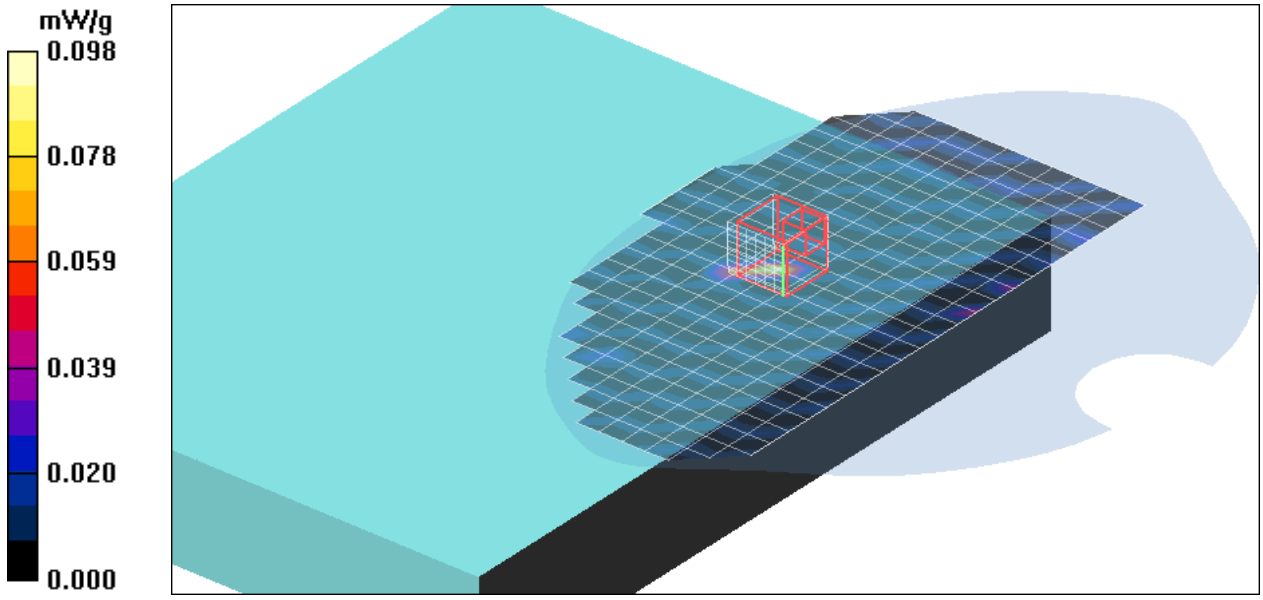
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.098 mW/g

DTS Middle CH Rate=6M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.29 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.016 W/kg
SAR(1 g) = 0.000726 mW/g; SAR(10 g) = 0.0000733 mW/g
Maximum value of SAR (measured) = 0.027 mW/g


mW/g
0.098
0.078
0.059
0.039
0.020
0.000

Date/Time: 8/18/2007 12:48:46 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Bottom Flat Touch mode Aux ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.34 mho/m; ε_r = 48; ρ = 1000 kg/m^3

Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

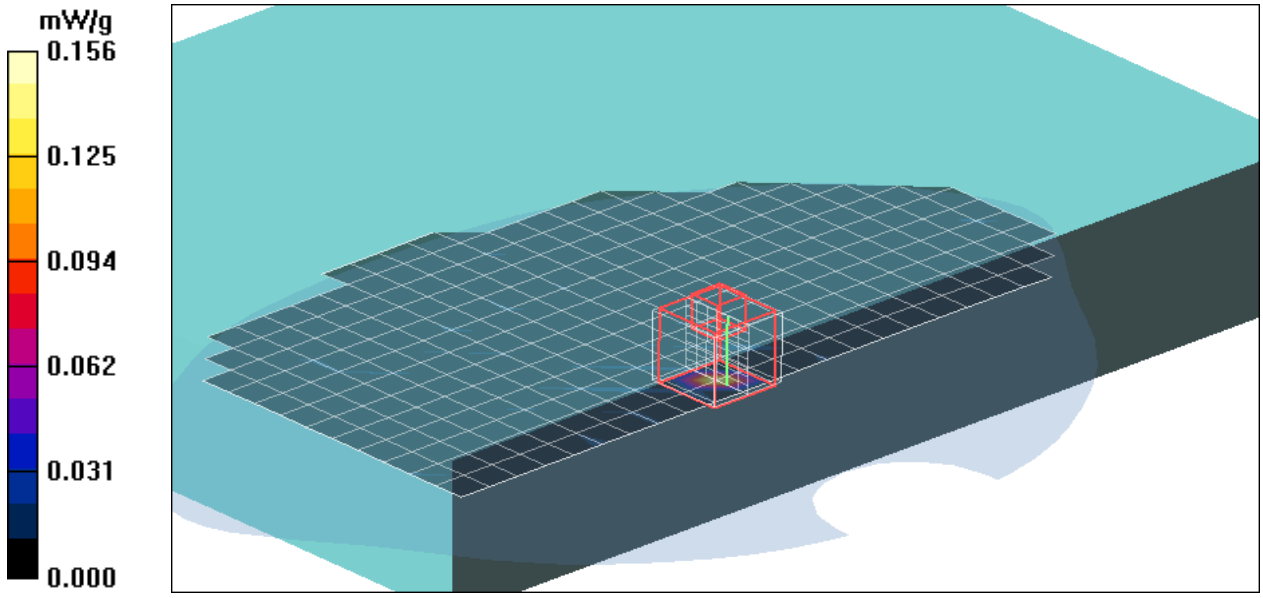
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=6.5M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.156 mW/g

UNII Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.81 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.035 W/kg
SAR(1 g) = 0.00016 mW/g; SAR(10 g) = 1.61e-005 mW/g
Maximum value of SAR (measured) = 0.070 mW/g


mW/g
0.156
0.125
0.094
0.062
0.031
0.000

Date/Time: 8/18/2007 2:13:24 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Bottom Flat Touch mode Main ant HT20

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

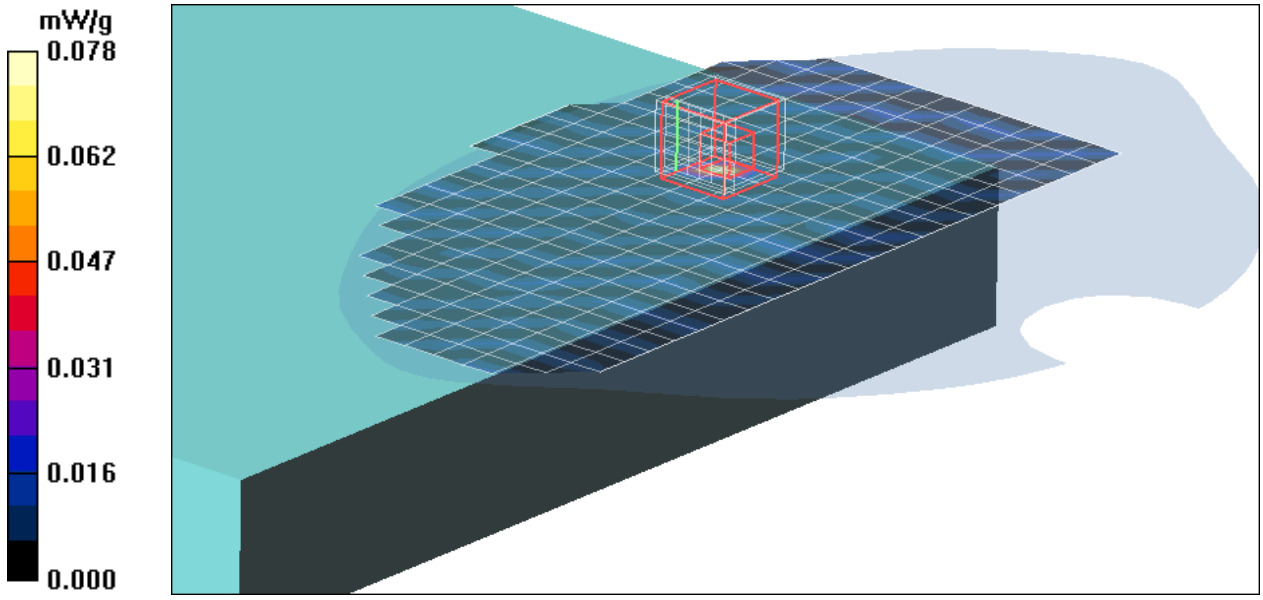
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=6.5M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.078 mW/g

DTS Middle CH Rate=6.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.59 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.000174 mW/g; SAR(10 g) = 0.0000174 mW/g
Maximum value of SAR (measured) = 0.029 mW/g


mW/g
0.078
0.062
0.047
0.031
0.016
0.000

Date/Time: 8/18/2007 3:43:46 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a UNII Bottom Flat Touch mode Aux ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.35 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

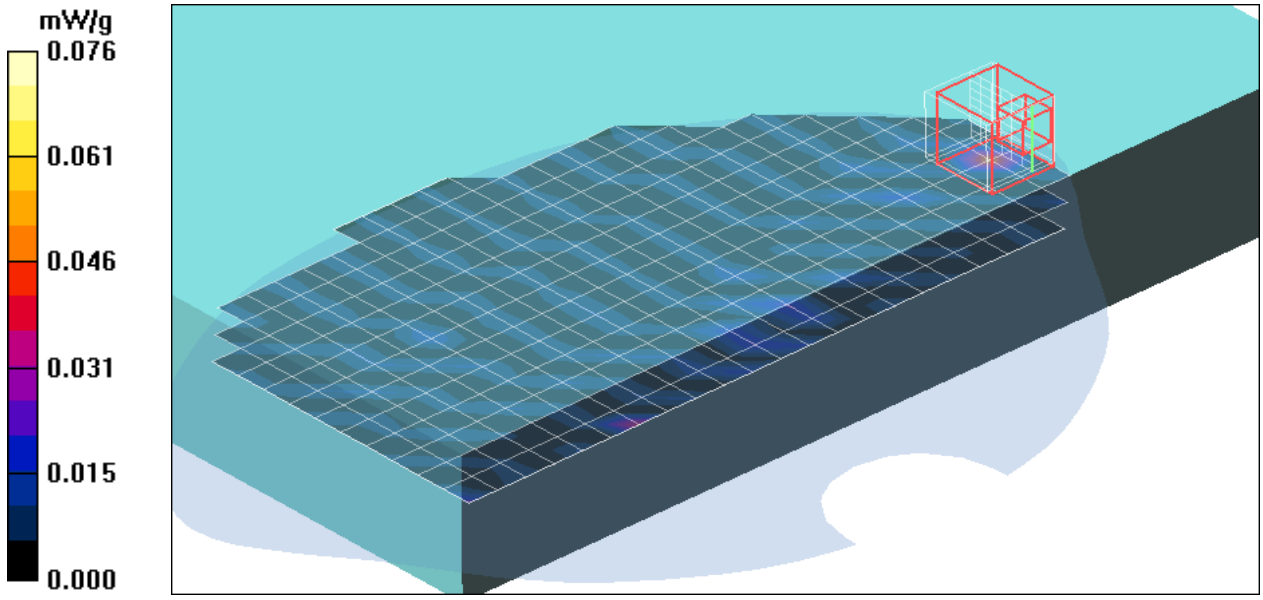
- Probe: EX3DV3 - SN3531; ConvF(3.81, 3.81, 3.81);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

UNII Middle CH Rate=13.5M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.050 mW/g

UNII Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.72 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.000993 mW/g; SAR(10 g) = 0.0000429 mW/g
Maximum value of SAR (measured) = 0.076 mW/g


mW/g
0.076
0.061
0.046
0.031
0.015
0.000

Date/Time: 8/18/2007 5:36:51 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Bottom Flat Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 6.08 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

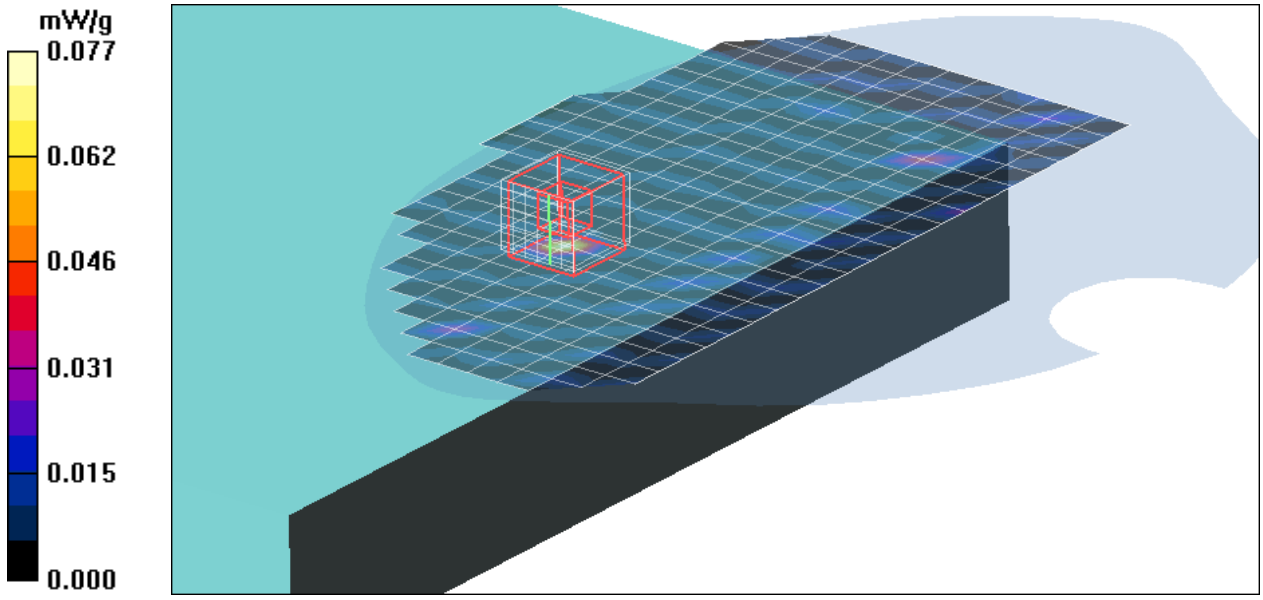
- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS Middle CH Rate=13.5M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.082 mW/g

DTS Middle CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.24 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.00052 mW/g; SAR(10 g) = 2.92e-005 mW/g
Maximum value of SAR (measured) = 0.077 mW/g


mW/g
0.077
0.062
0.046
0.031
0.015
0.000

Date/Time: 8/18/2007 7:36:07 AM

Test Laboratory: Compliance Certification Services Inc.

802.11a DTS Bottom Flat Touch mode Main ant HT40

DUT: TB120; Type: Notebook PC; Serial: N/A

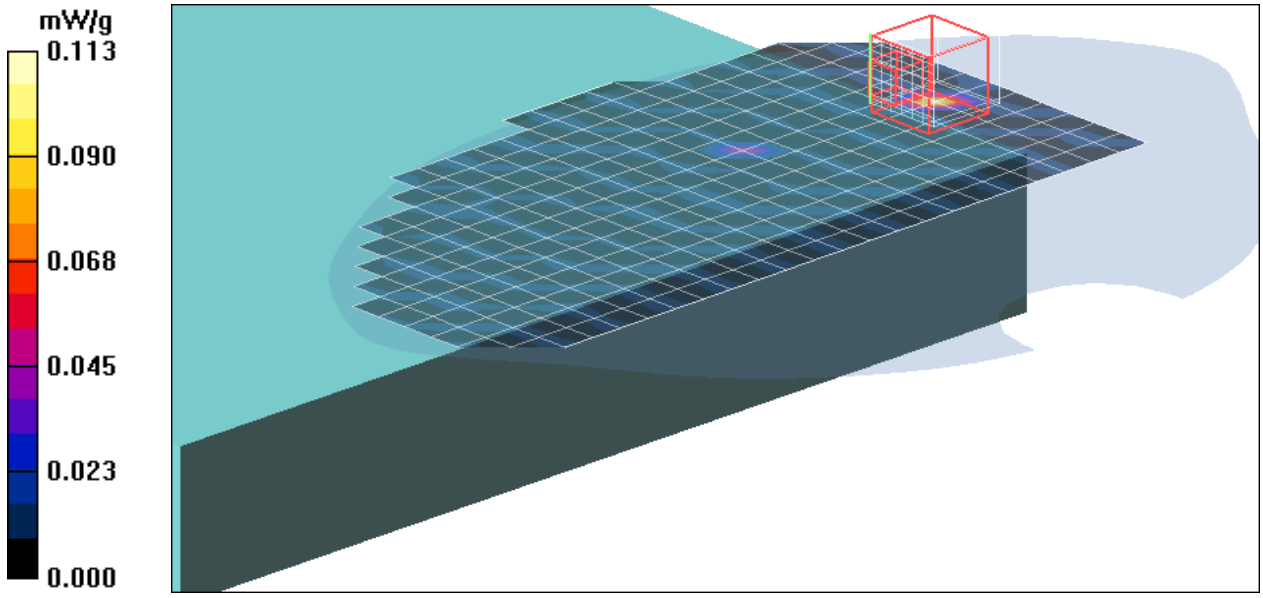
Communication System: IEEE 802.11 A; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5795 MHz; σ = 6.11 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(3.61, 3.61, 3.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

DTS High CH Rate=13.5M bit/Area Scan (14x25x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.113 mW/g

DTS High CH Rate=13.5M bit/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.57 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.000897 mW/g; SAR(10 g) = 0.0000172 mW/g
Maximum value of SAR (measured) = 0.086 mW/g


mW/g
0.113
0.090
0.068
0.045
0.023
0.000