Date/Time: 05/11/2009 08:24:15 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 = 1.98 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

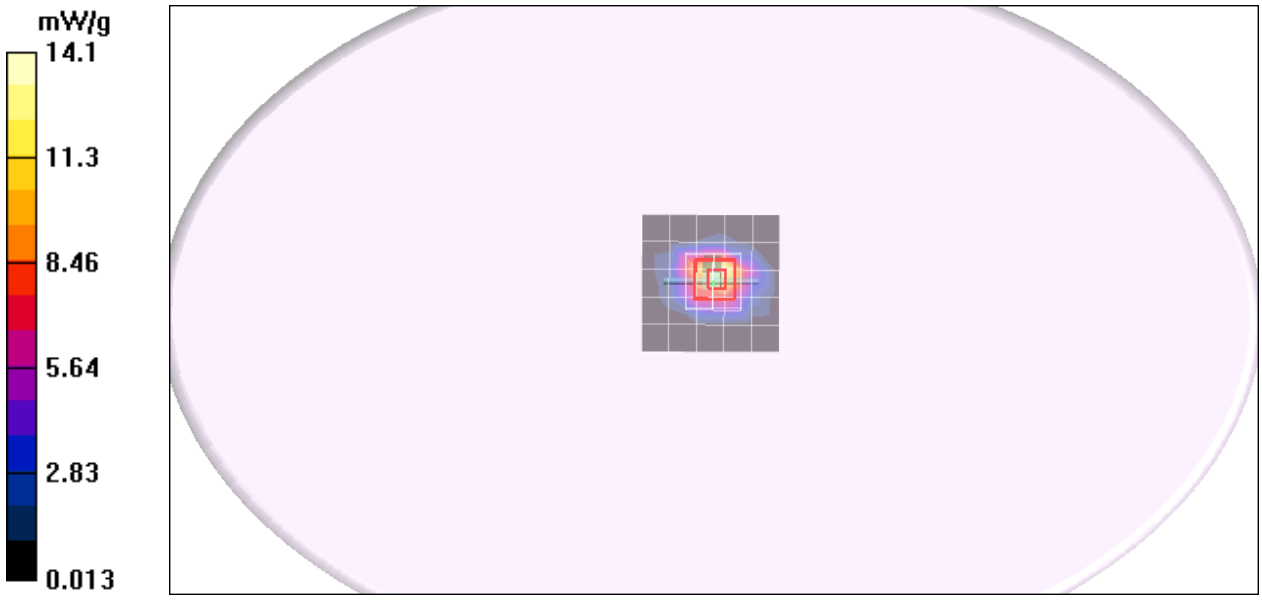
Maximum value of SAR (measured) = 14.1 mW/g

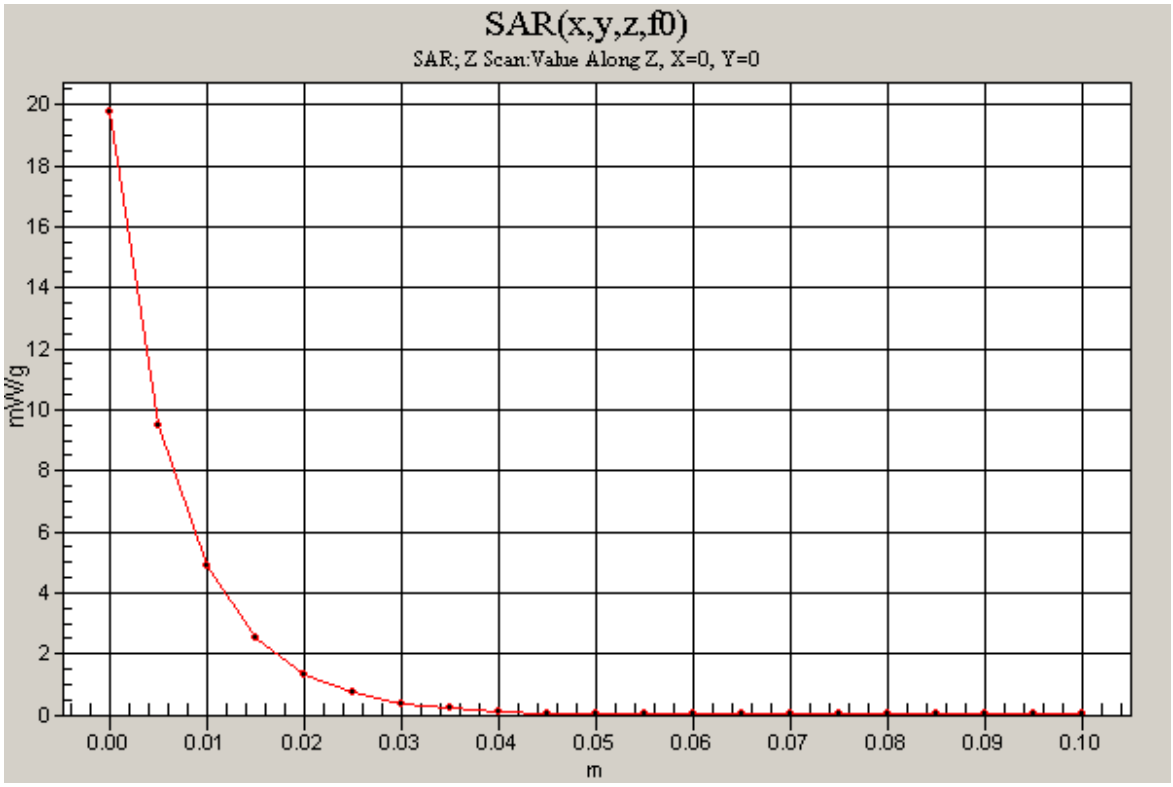
Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.5 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 27.0 W/kg
SAR(1 g) = 13.0 mW/g; SAR(10 g) = 6.06 mW/g
Maximum value of SAR (measured) = 19.1 mW/g

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

Maximum value of SAR (measured) = 19.8 mW/g


mW/g
14.1
11.3
8.46
5.64
2.83
0.013


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
20
18
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

Date/Time: 05/26/2009 08:15:34 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 = 1.99 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

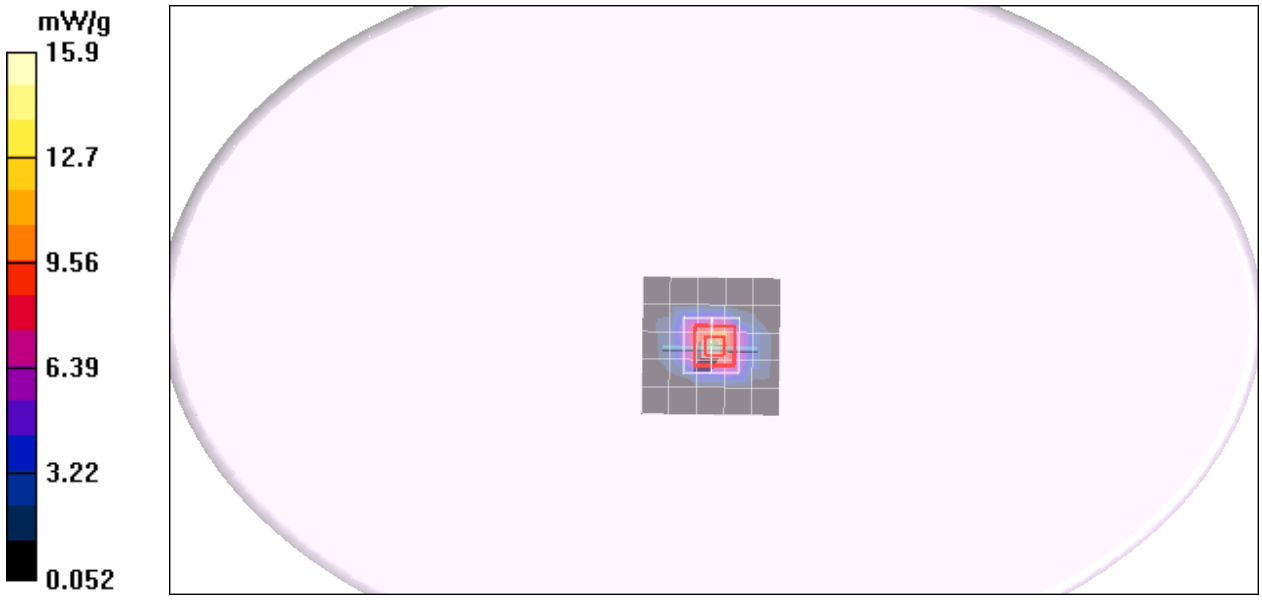
Maximum value of SAR (measured) = 10.2 mW/g

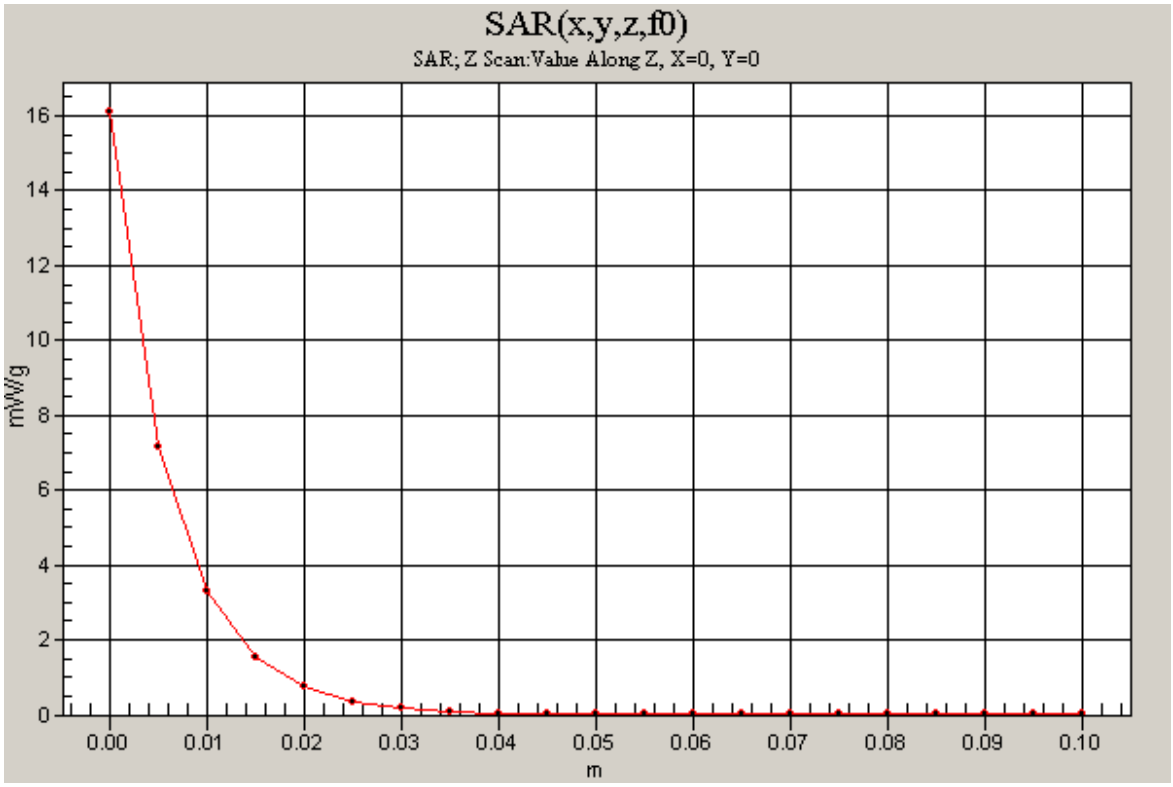
Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.6 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 30.5 W/kg
SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.19 mW/g
Maximum value of SAR (measured) = 15.9 mW/g

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

Maximum value of SAR (measured) = 16.1 mW/g


mW/g
15.9
12.7
9.56
6.39
3.22
0.052


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: 05/11/2009 09:11:23 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

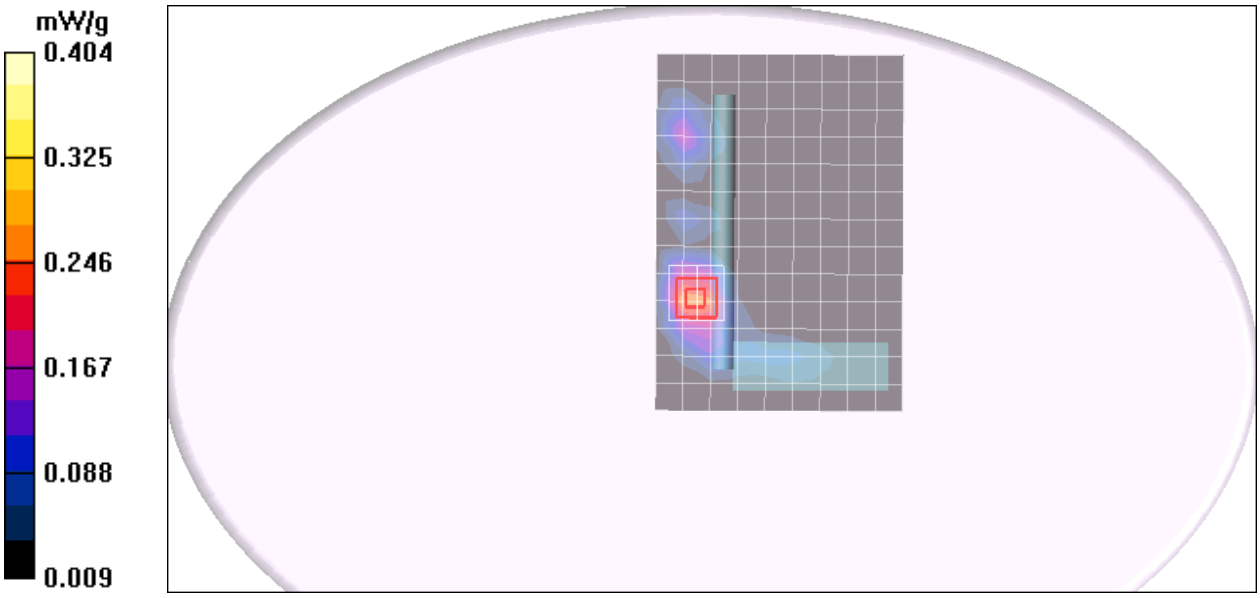
Maximum value of SAR (measured) = 0.278 mW/g

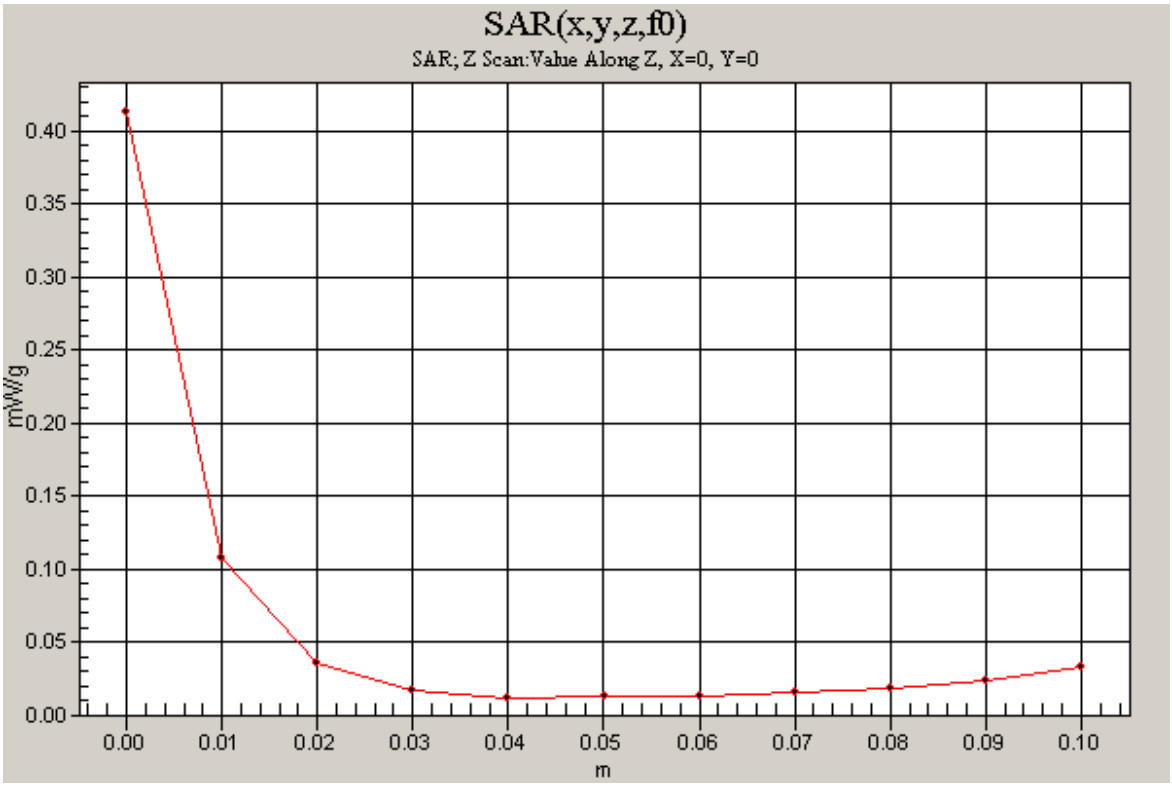
High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 6.95 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.404 mW/g

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

Maximum value of SAR (measured) = 0.413 mW/g


mW/g
0.404
0.325
0.246
0.167
0.088
0.009


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.40
0.35
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: 05/12/2009 04:06:34 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

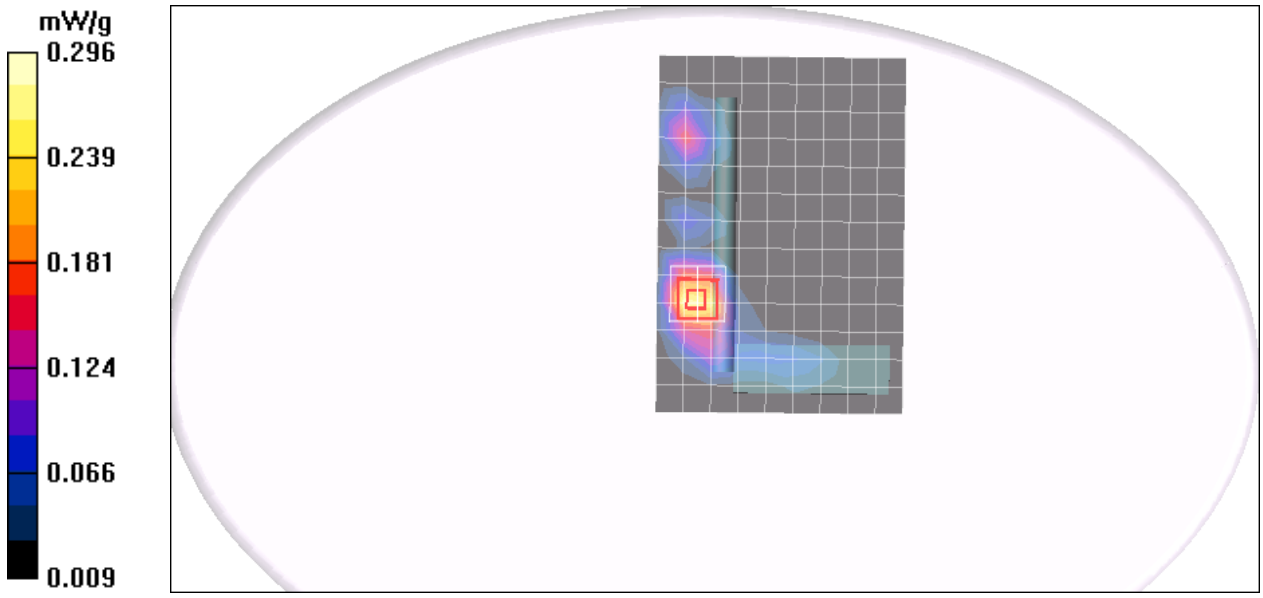
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

10mm High CH Rate 1M/Area Scan (14x10x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.095 mW/g

10mm High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.03 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.133 mW/g


mW/g
0.296
0.239
0.181
0.124
0.066
0.009

Date/Time: 05/11/2009 09:52:45 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

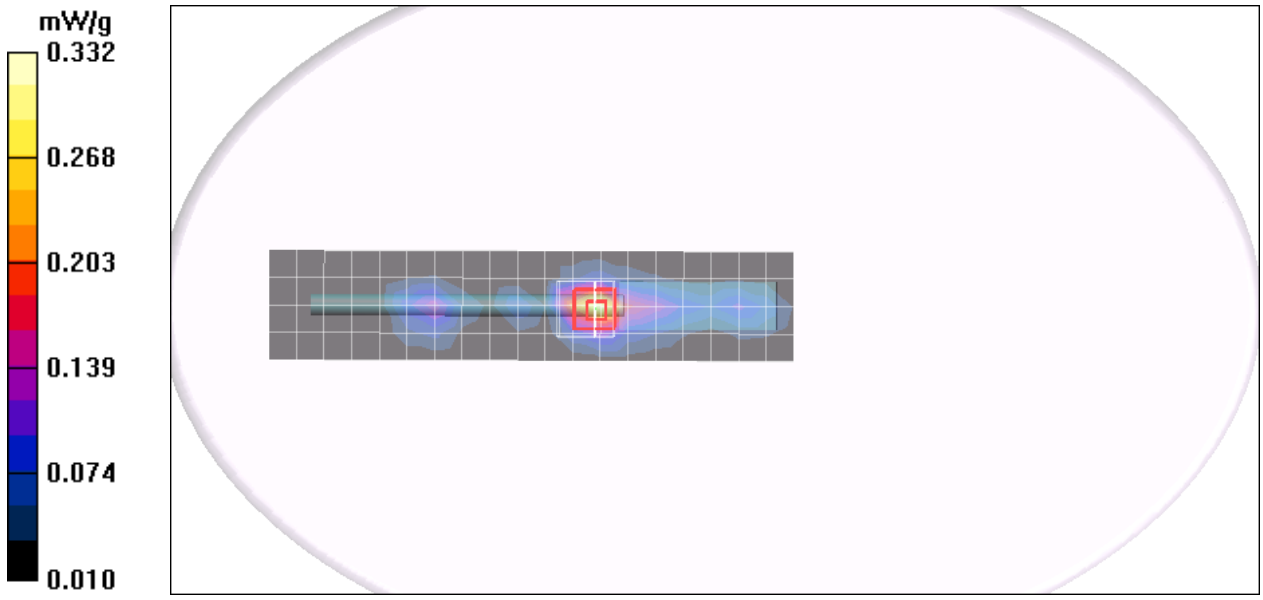
Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (5x20x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.315 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 6.35 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.332 mW/g


mW/g
0.332
0.268
0.203
0.139
0.074
0.010

Date/Time: 05/11/2009 10:16:08 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

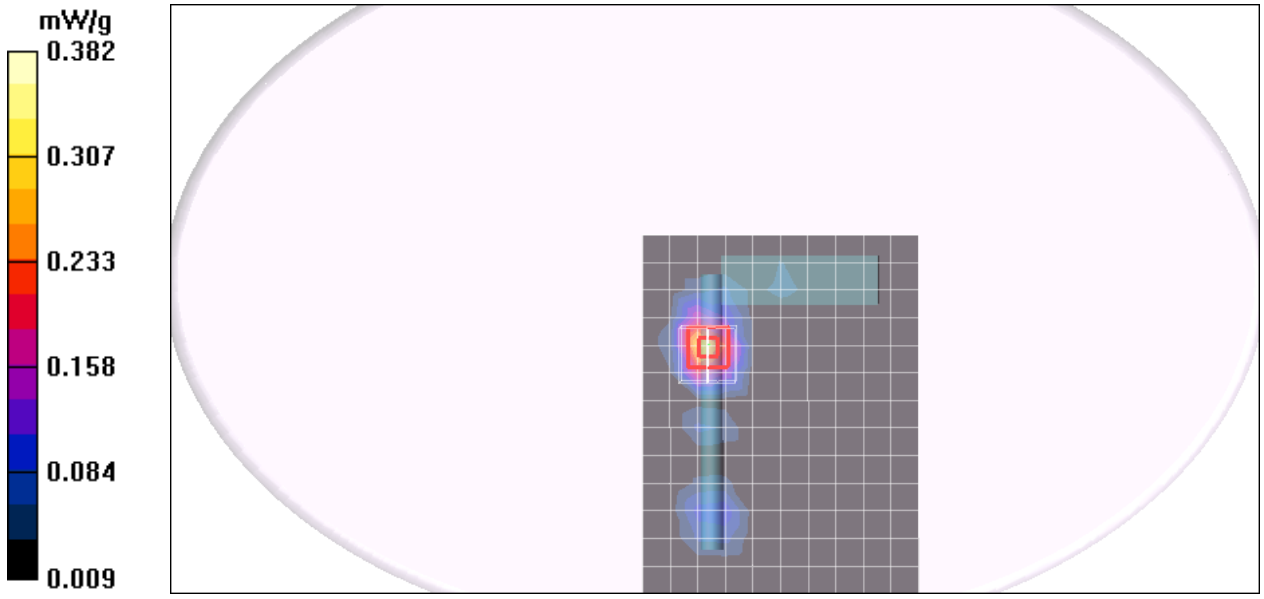
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.309 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.16 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.382 mW/g


mW/g
0.382
0.307
0.233
0.158
0.084
0.009

Date/Time: 05/11/2009 05:12:08 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

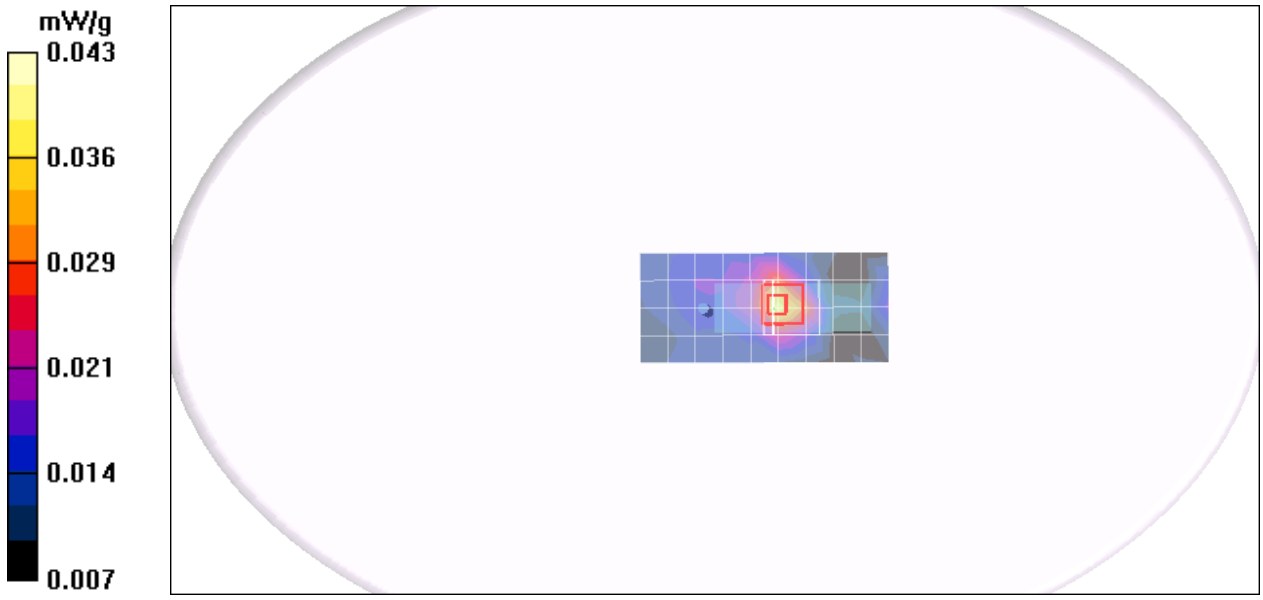
Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (5x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.038 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.98 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.043 mW/g


mW/g
0.043
0.036
0.029
0.021
0.014
0.007

Date/Time: 05/11/2009 02:57:47 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

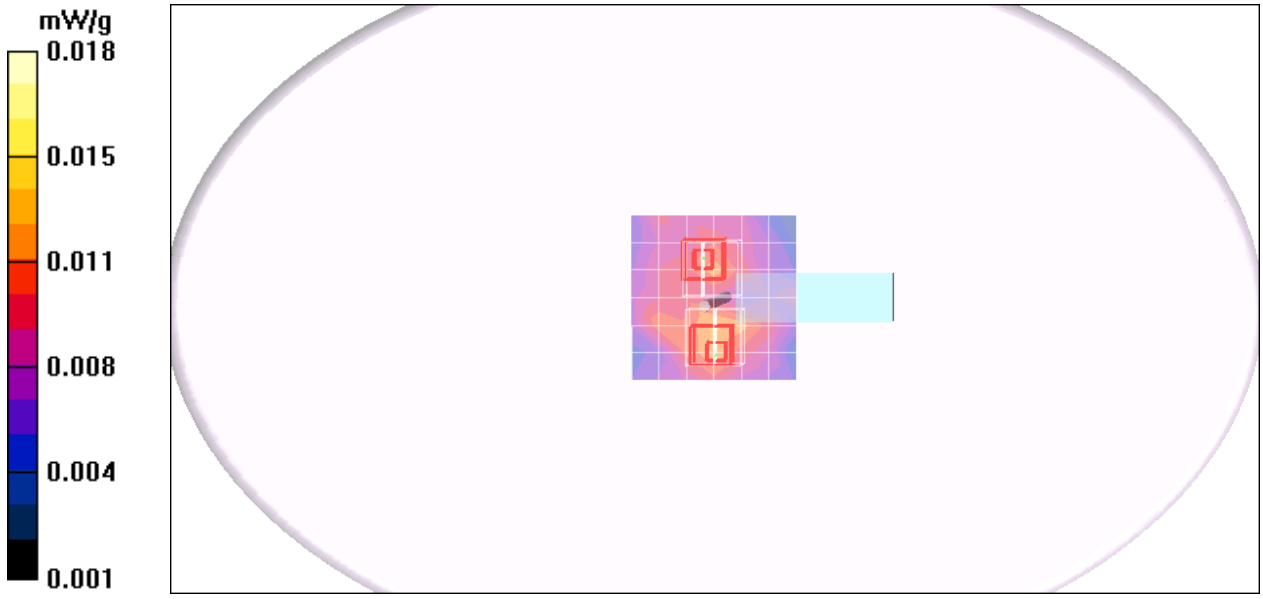
Maximum value of SAR (measured) = 0.013 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.69 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00614 mW/g
Maximum value of SAR (measured) = 0.013 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.69 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.0062 mW/g
Maximum value of SAR (measured) = 0.013 mW/g


mW/g
0.018
0.015
0.011
0.008
0.004
0.001

Date/Time: 05/11/2009 10:50:01 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

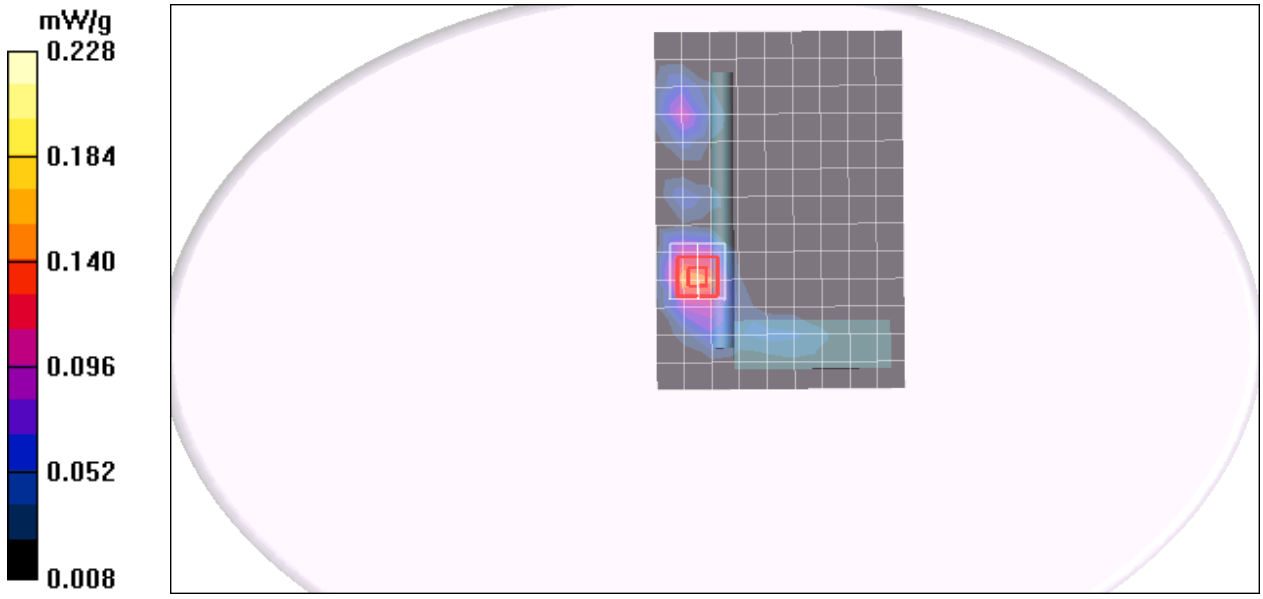
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.160 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.15 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.228 mW/g


mW/g
0.228
0.184
0.140
0.096
0.052
0.008

Date/Time: 05/11/2009 12:26:55 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

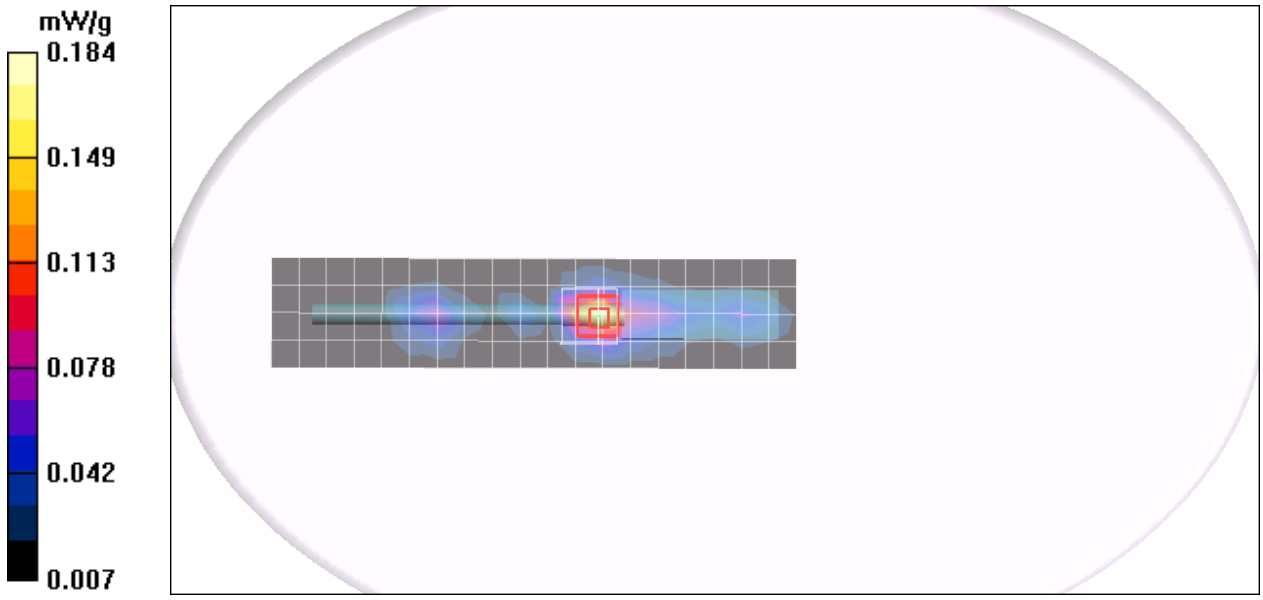
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (5x20x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.177 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 4.80 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.184 mW/g


mW/g
0.184
0.149
0.113
0.078
0.042
0.007

Date/Time: 05/11/2009 01:37:38 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

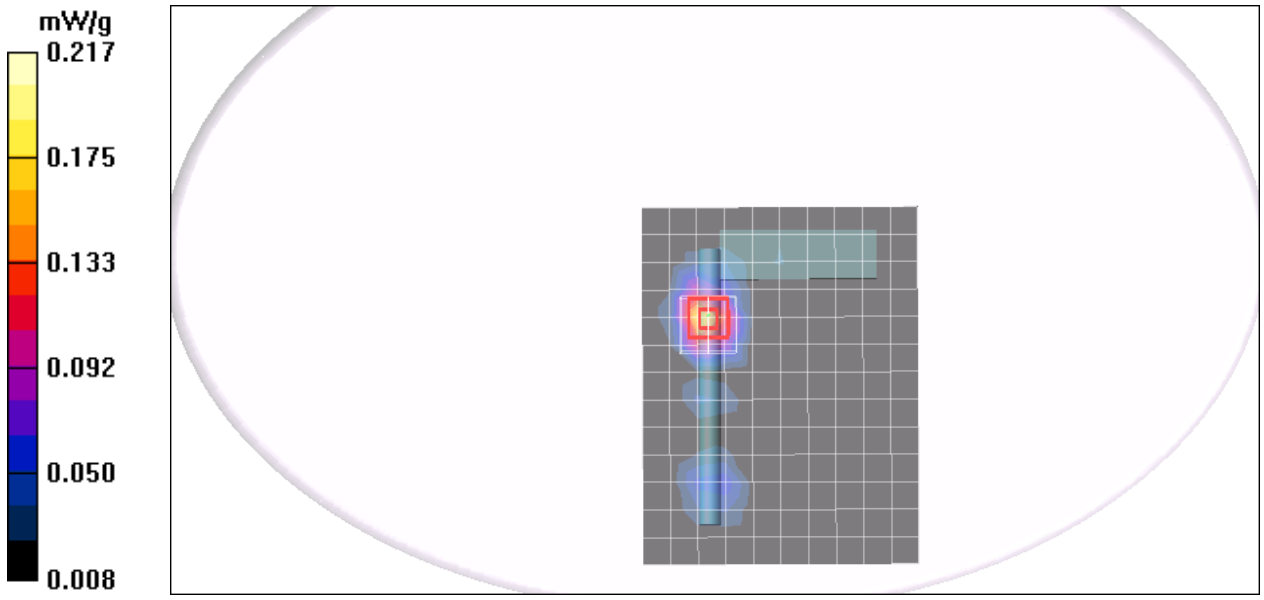
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.174 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.02 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.217 mW/g


mW/g
0.217
0.175
0.133
0.092
0.050
0.008

Date/Time: 05/11/2009 05:38:30 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

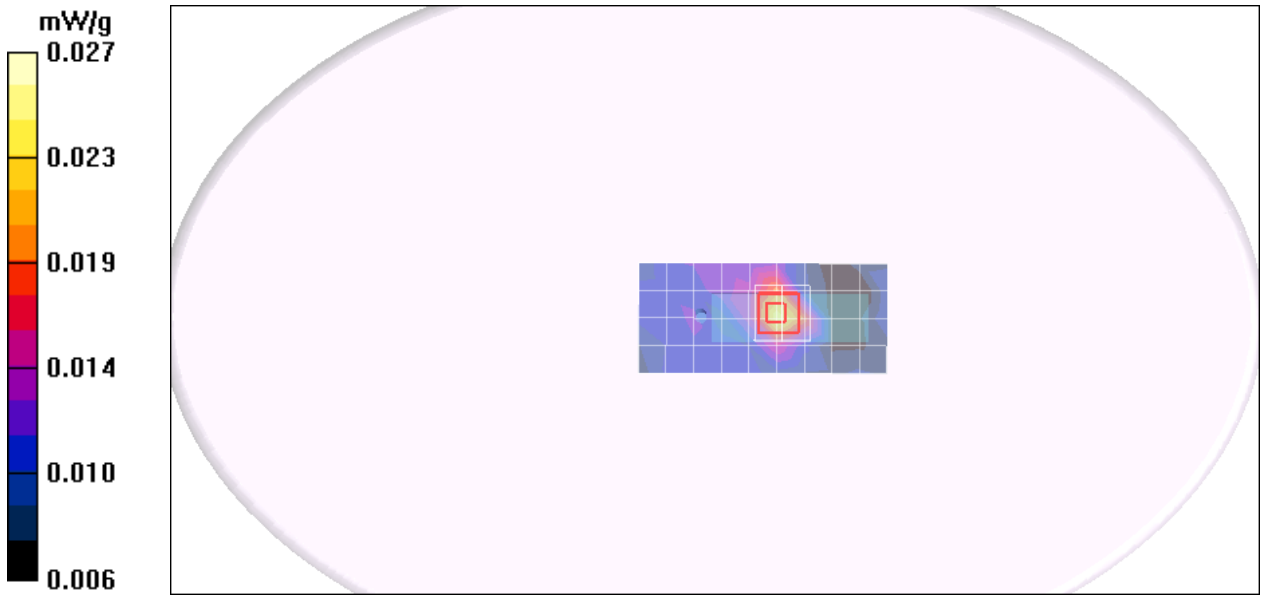
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (5x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.024 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.57 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.027 mW/g


mW/g
0.027
0.023
0.019
0.014
0.010
0.006

Date/Time: 05/11/2009 03:34:46 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

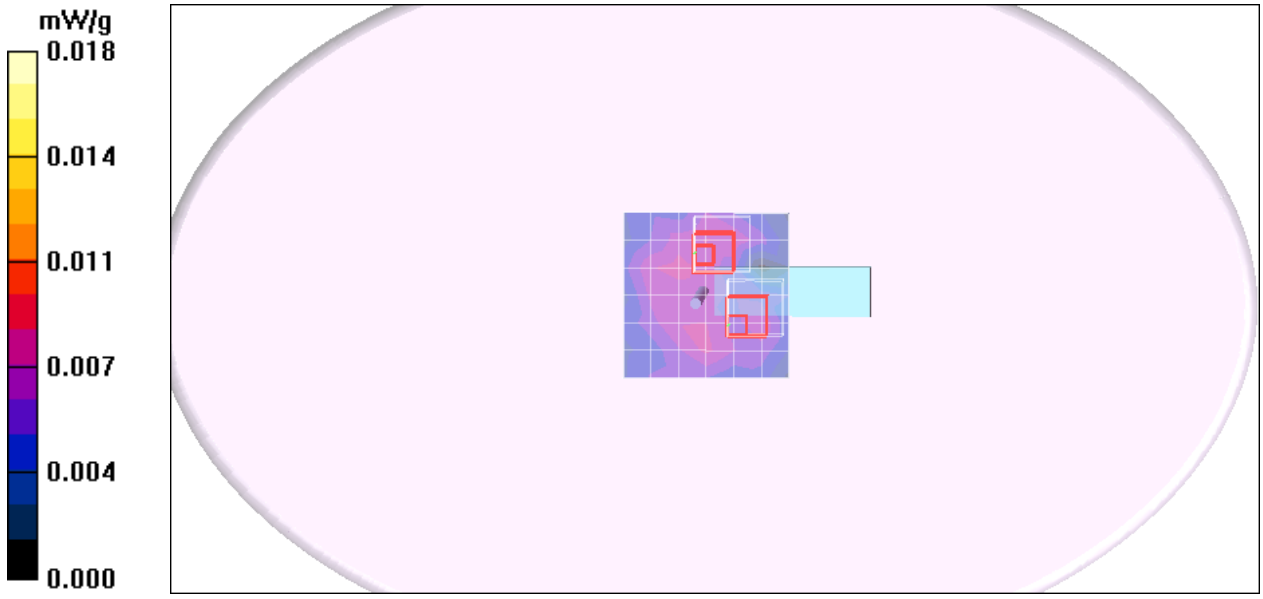
Maximum value of SAR (measured) = 0.008 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.86 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.00677 mW/g; SAR(10 g) = 0.00361 mW/g
Maximum value of SAR (measured) = 0.010 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.86 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00498 mW/g; SAR(10 g) = 0.0025 mW/g
Maximum value of SAR (measured) = 0.010 mW/g


mW/g
0.018
0.014
0.011
0.007
0.004
0.000

Date/Time: 05/11/2009 11:24:50 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

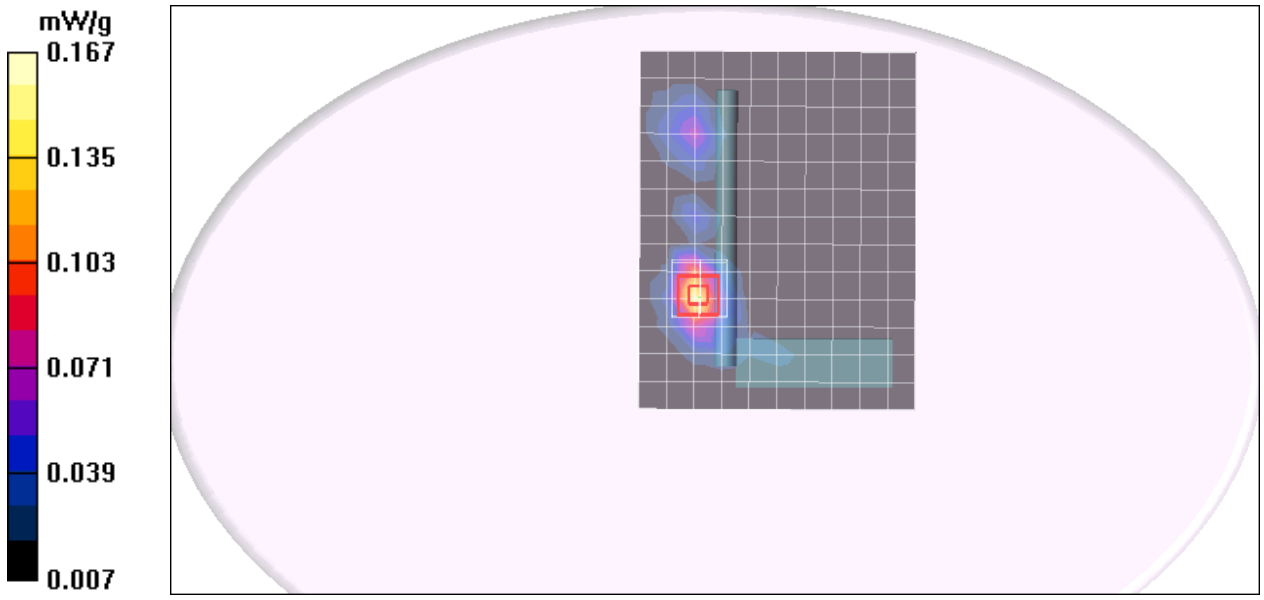
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.161 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.57 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.167 mW/g


mW/g
0.167
0.135
0.103
0.071
0.039
0.007

Date/Time: 05/11/2009 12:51:28 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 180 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

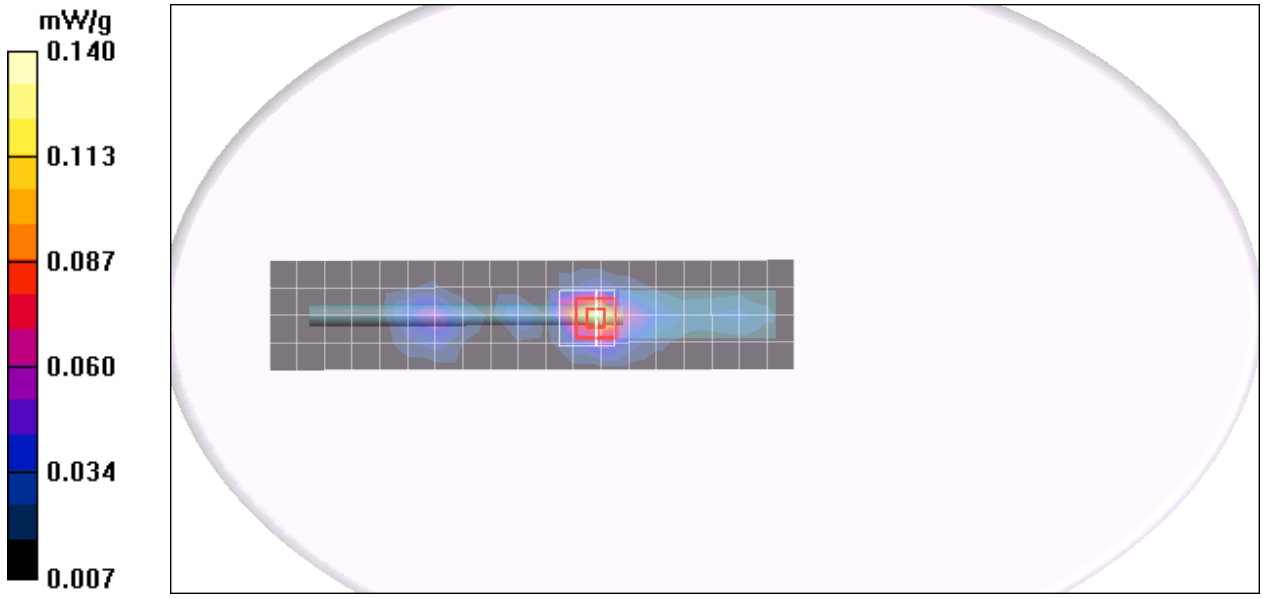
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (5x20x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.131 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.77 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.140 mW/g


mW/g
0.140
0.113
0.087
0.060
0.034
0.007

Date/Time: 05/11/2009 02:07:05 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 270 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

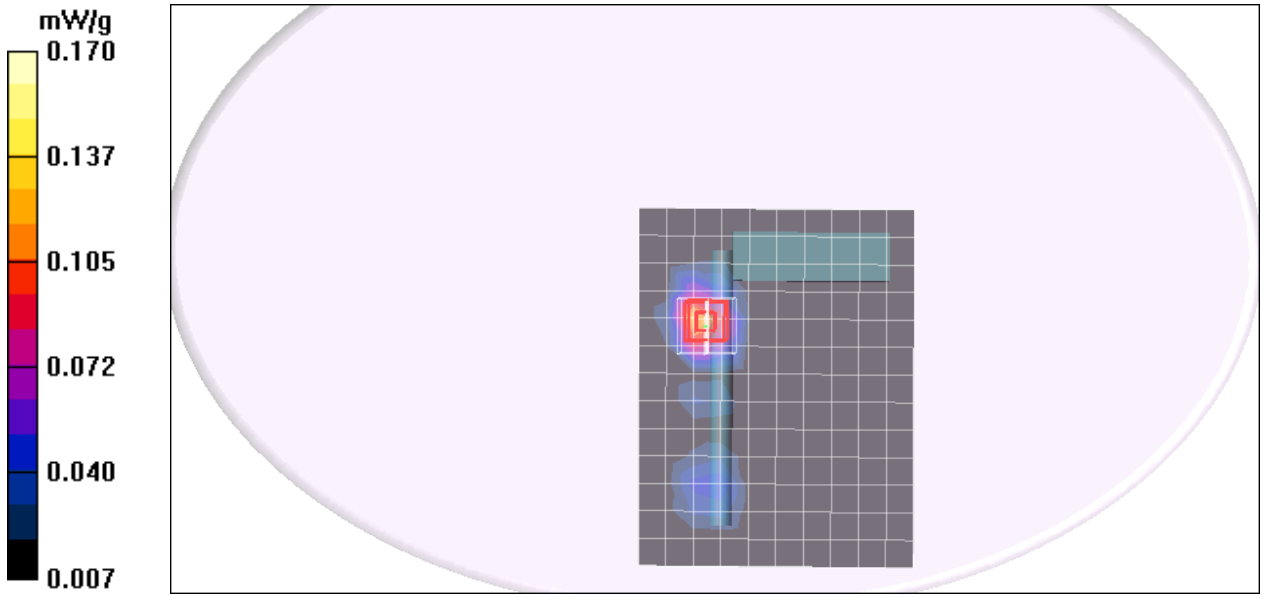
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.135 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.79 V/m; Power Drift = -0.086 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.170 mW/g


mW/g
0.170
0.137
0.105
0.072
0.040
0.007

Date/Time: 05/11/2009 05:03:22 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n up 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

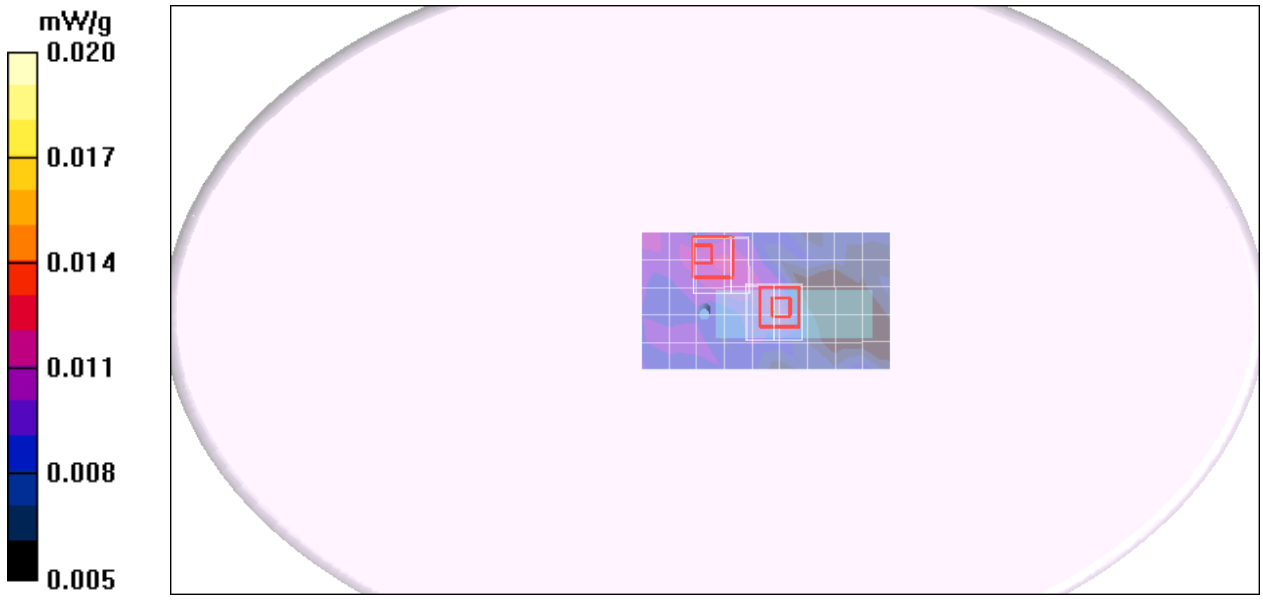
Maximum value of SAR (measured) = 0.012 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.08 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.028 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00898 mW/g
Maximum value of SAR (measured) = 0.013 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.08 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00914 mW/g
Maximum value of SAR (measured) = 0.013 mW/g


mW/g
0.020
0.017
0.014
0.011
0.008
0.005

Date/Time: 05/11/2009 04:12:59 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n down 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

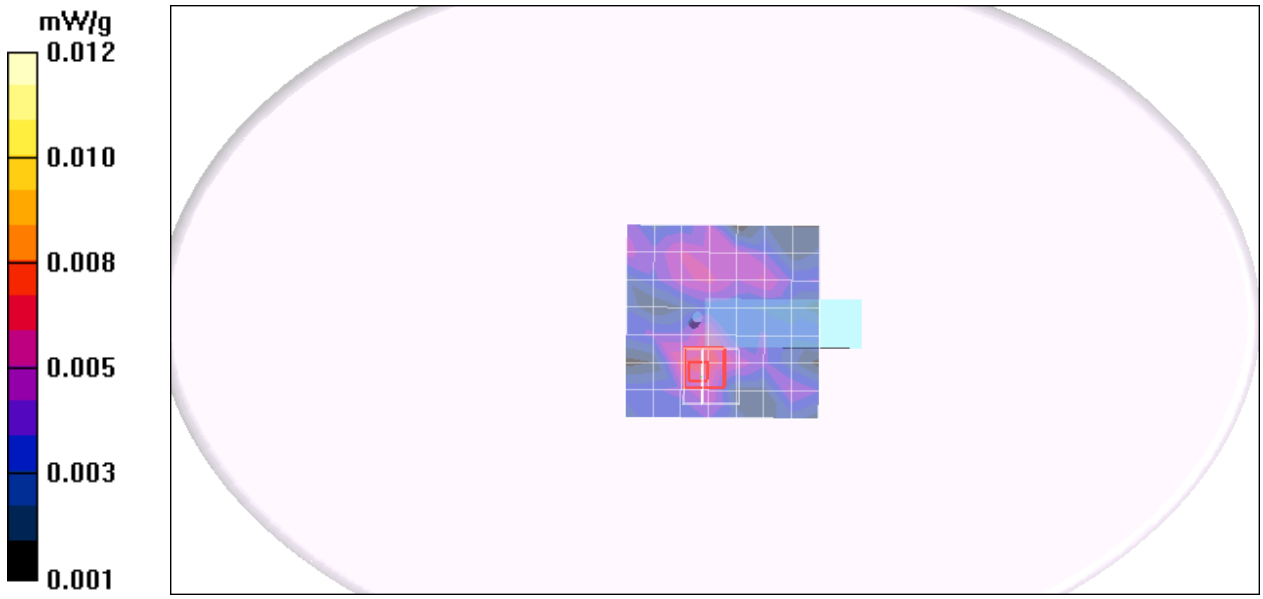
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.007 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.57 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 0.025 W/kg
SAR(1 g) = 0.00508 mW/g; SAR(10 g) = 0.00313 mW/g
Maximum value of SAR (measured) = 0.008 mW/g


mW/g
0.012
0.010
0.008
0.005
0.003
0.001

Date/Time: 05/11/2009 11:56:28 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

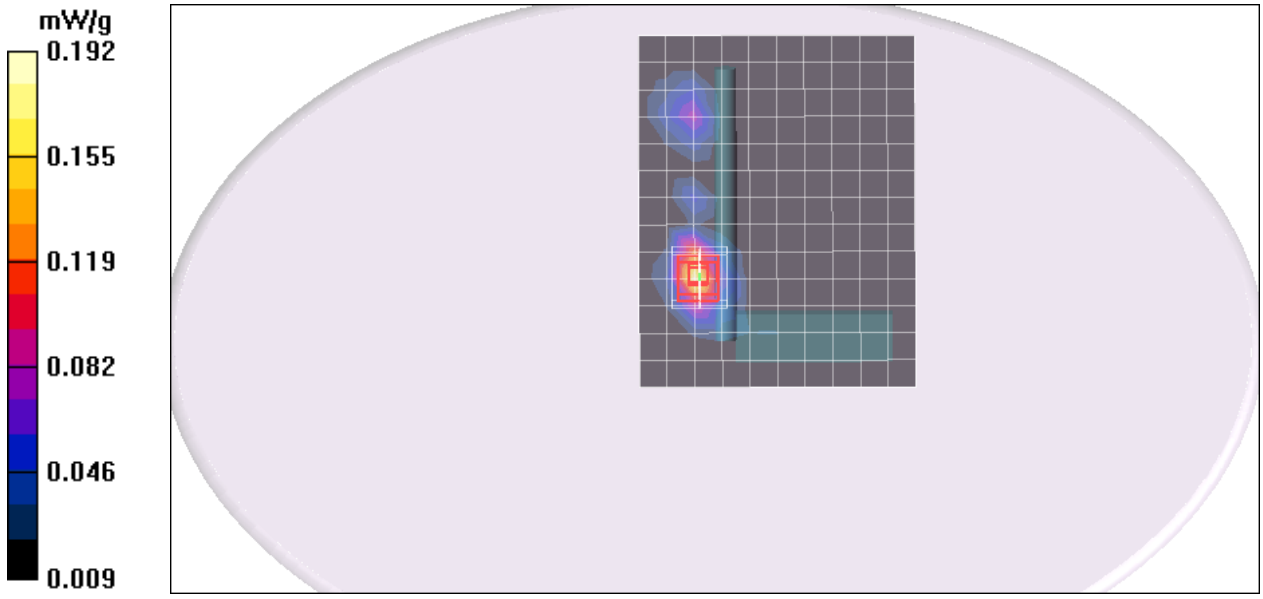
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x11x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.62 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.192 mW/g


mW/g
0.192
0.155
0.119
0.082
0.046
0.009

Date/Time: 05/11/2009 01:13:01 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 180 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

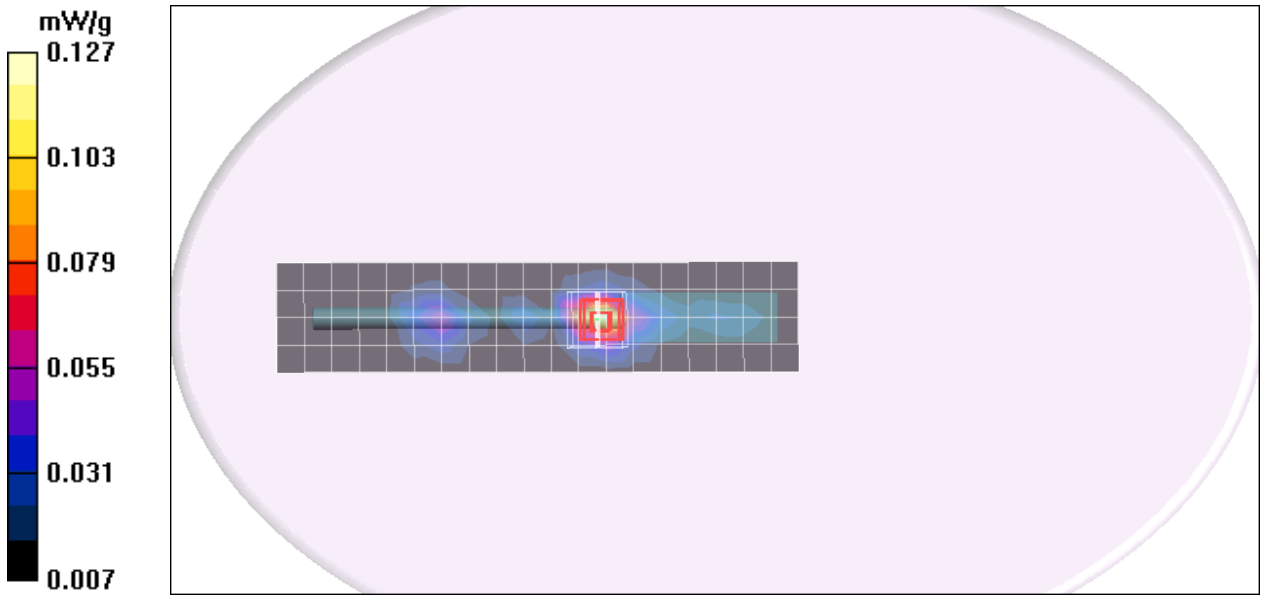
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (5x20x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.44 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.127 mW/g


mW/g
0.127
0.103
0.079
0.055
0.031
0.007

Date/Time: 05/11/2009 02:34:00 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n 270 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

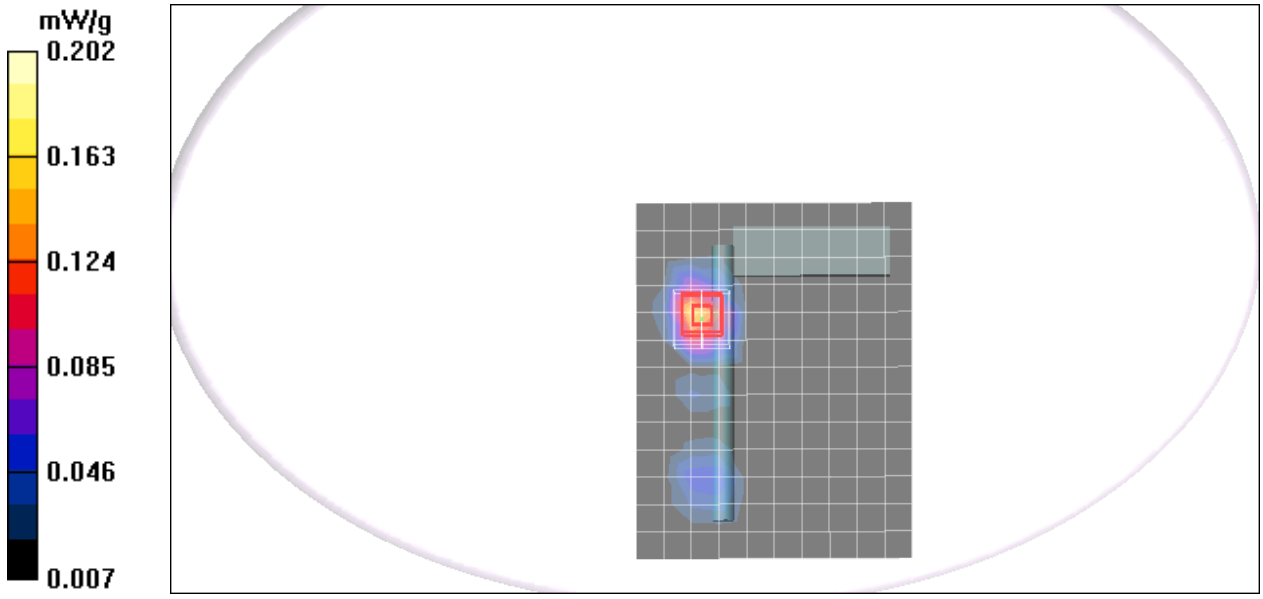
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x11x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.03 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.202 mW/g


mW/g
0.202
0.163
0.124
0.085
0.046
0.007

Date/Time: 05/11/2009 05:32:54 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n up 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

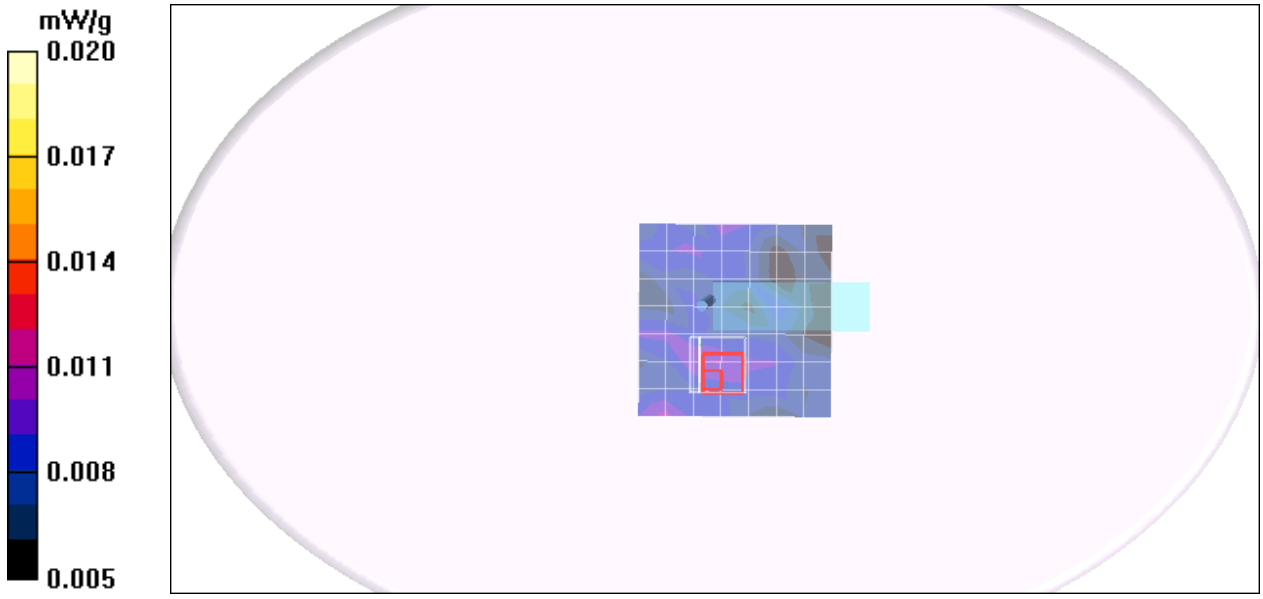
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.011 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.07 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.017 W/kg
SAR(1 g) = 0.00906 mW/g; SAR(10 g) = 0.00855 mW/g
Maximum value of SAR (measured) = 0.012 mW/g


mW/g
0.020
0.017
0.014
0.011
0.008
0.005

Date/Time: 05/11/2009 04:37:54 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Down mode WiQueen-U23n down 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

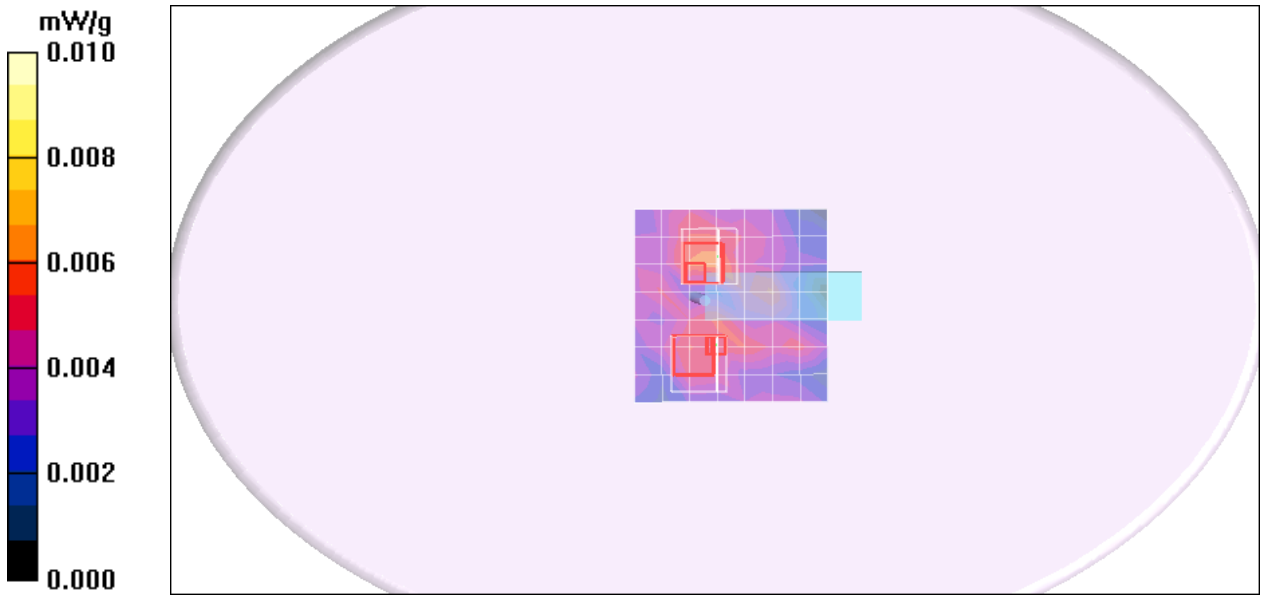
Maximum value of SAR (measured) = 0.007 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.58 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.022 W/kg
SAR(1 g) = 0.00498 mW/g; SAR(10 g) = 0.00287 mW/g
Maximum value of SAR (measured) = 0.007 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.58 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.017 W/kg
SAR(1 g) = 0.00544 mW/g; SAR(10 g) = 0.00272 mW/g
Maximum value of SAR (measured) = 0.007 mW/g


mW/g
0.010
0.008
0.006
0.004
0.002
0.000

Date/Time: 05/11/2009 06:06:24 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

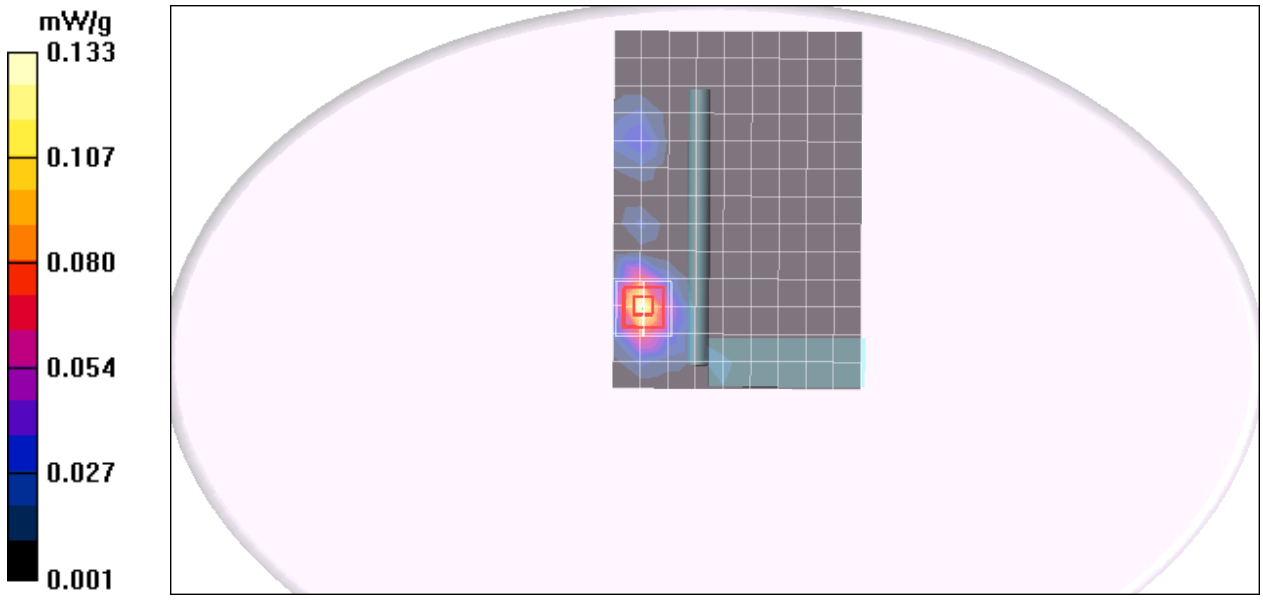
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.136 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.75 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.133 mW/g


mW/g
0.133
0.107
0.080
0.054
0.027
0.001

Date/Time: 05/11/2009 06:37:00 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

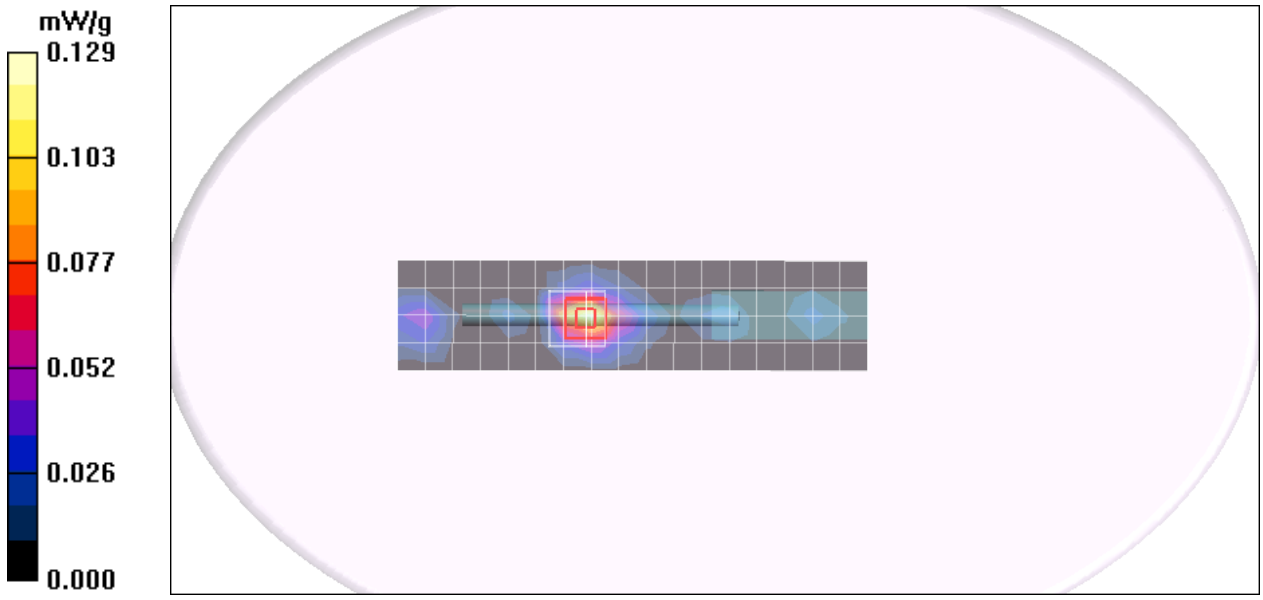
Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.128 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.54 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.129 mW/g


mW/g
0.129
0.103
0.077
0.052
0.026
0.000

Date/Time: 05/11/2009 06:58:02 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

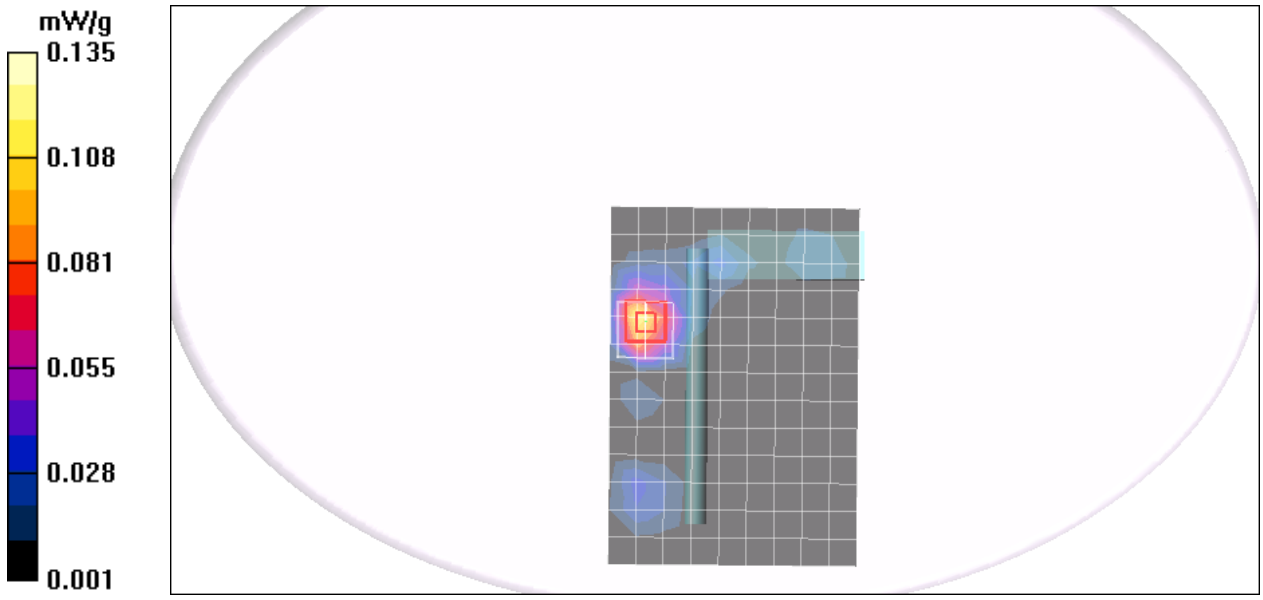
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

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

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.54 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.135 mW/g


mW/g
0.135
0.108
0.081
0.055
0.028
0.001

Date/Time: 05/12/2009 02:03:40 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan 2 (7x11x1): Measurement grid: dx=15mm, dy=15mm

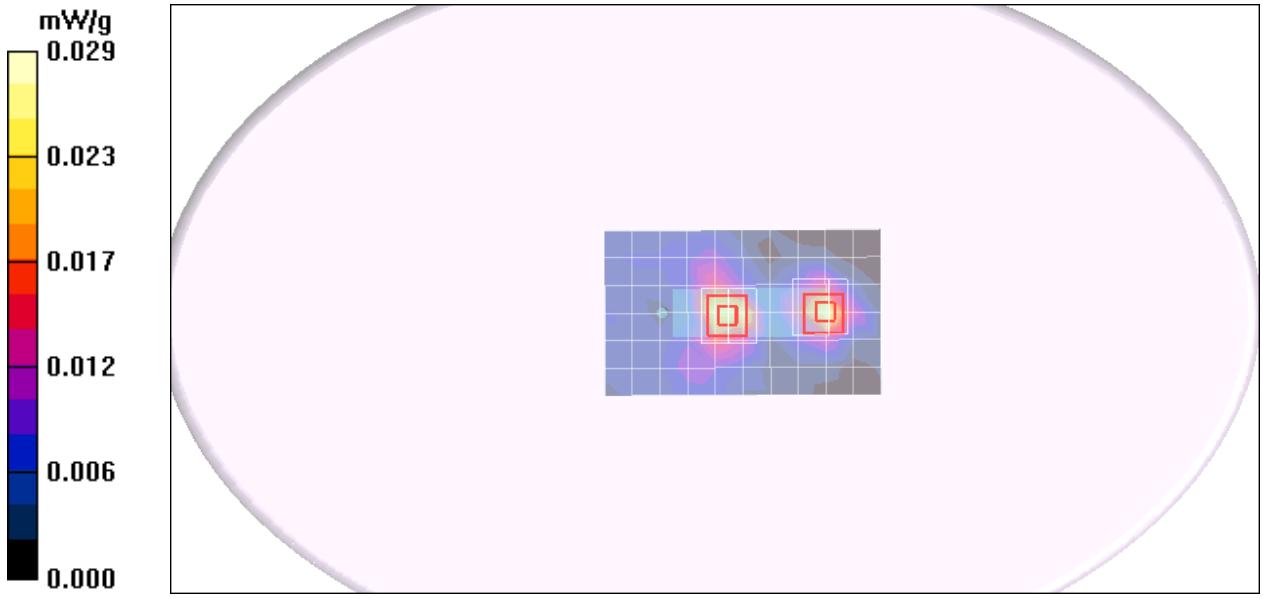
Maximum value of SAR (measured) = 0.027 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.56 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.0098 mW/g
Maximum value of SAR (measured) = 0.029 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.56 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.034 W/kg
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00842 mW/g
Maximum value of SAR (measured) = 0.025 mW/g


mW/g
0.029
0.023
0.017
0.012
0.006
0.000

Date/Time: 05/11/2009 11:48:10 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

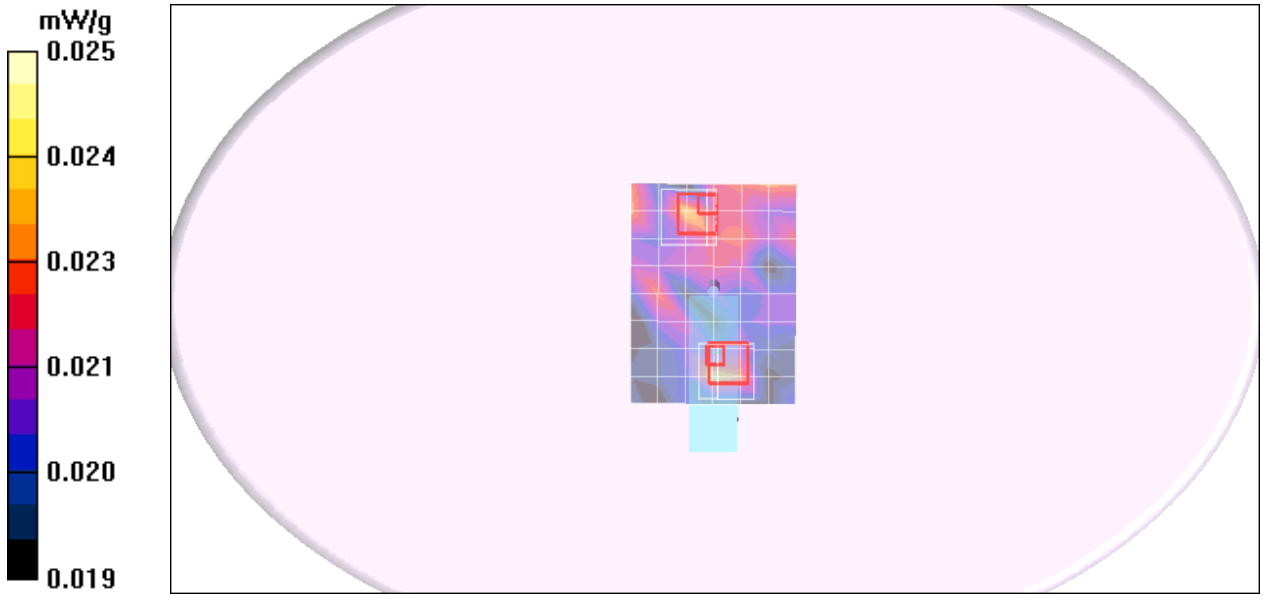
Maximum value of SAR (measured) = 0.024 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.26 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.027 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.027 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.26 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.025 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.025 mW/g


mW/g
0.025
0.024
0.023
0.021
0.020
0.019

Date/Time: 05/11/2009 07:33:57 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

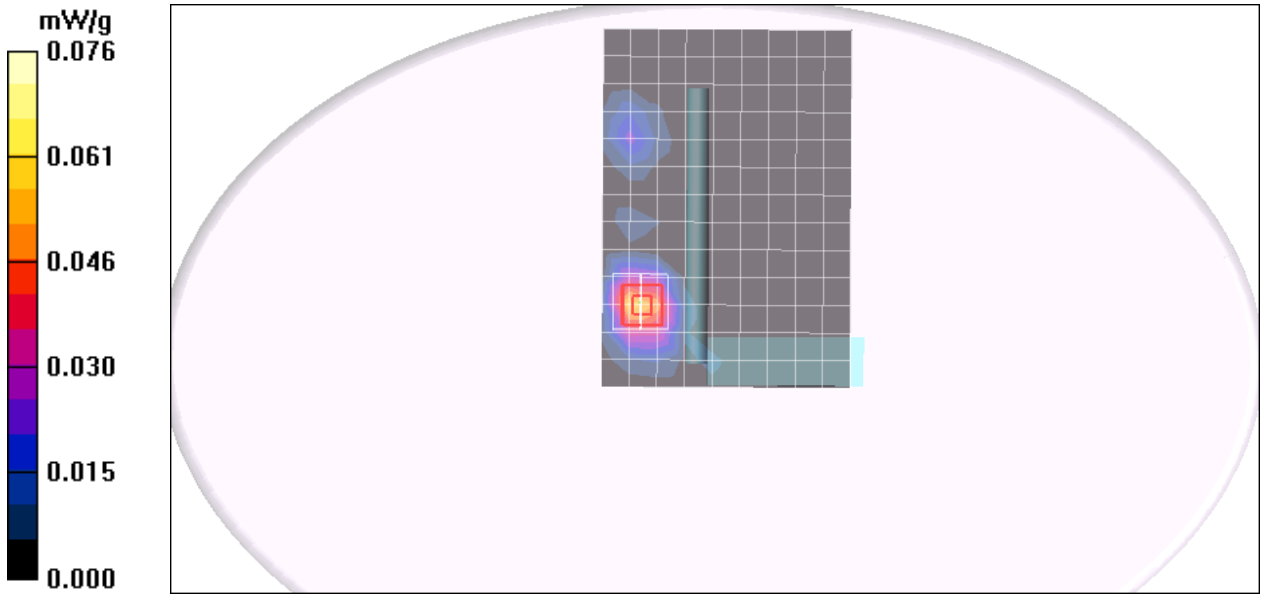
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.060 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.86 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.076 mW/g


mW/g
0.076
0.061
0.046
0.030
0.015
0.000

Date/Time: 05/11/2009 09:01:09 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

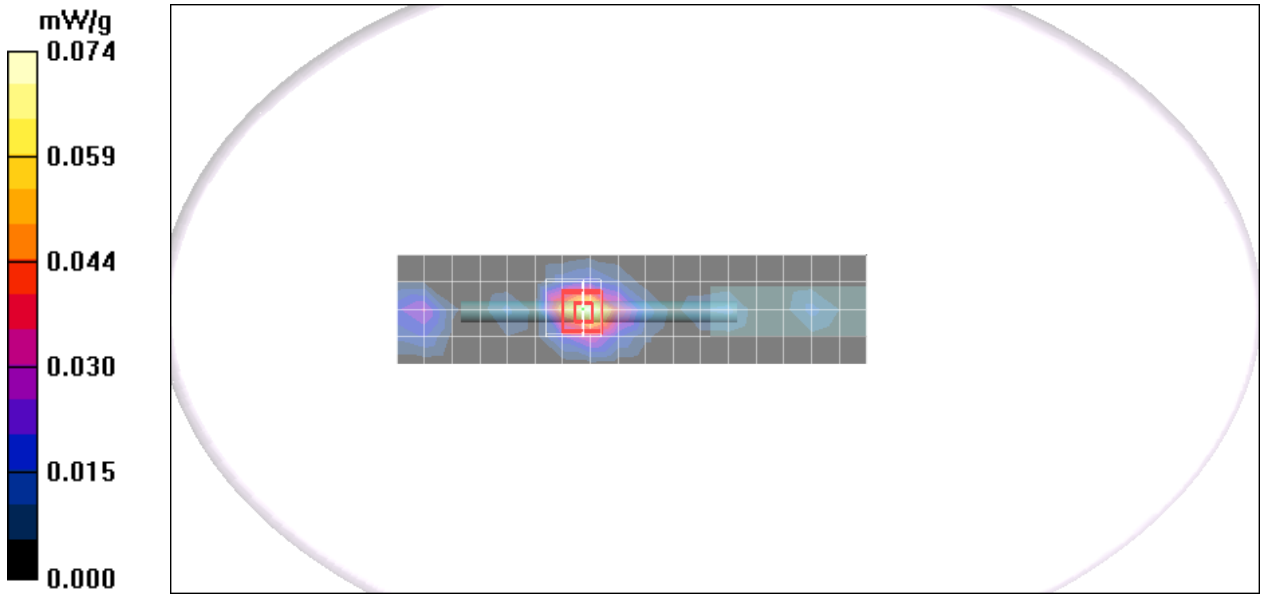
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.074 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.60 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.074 mW/g


mW/g
0.074
0.059
0.044
0.030
0.015
0.000

Date/Time: 05/11/2009 10:14:33 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

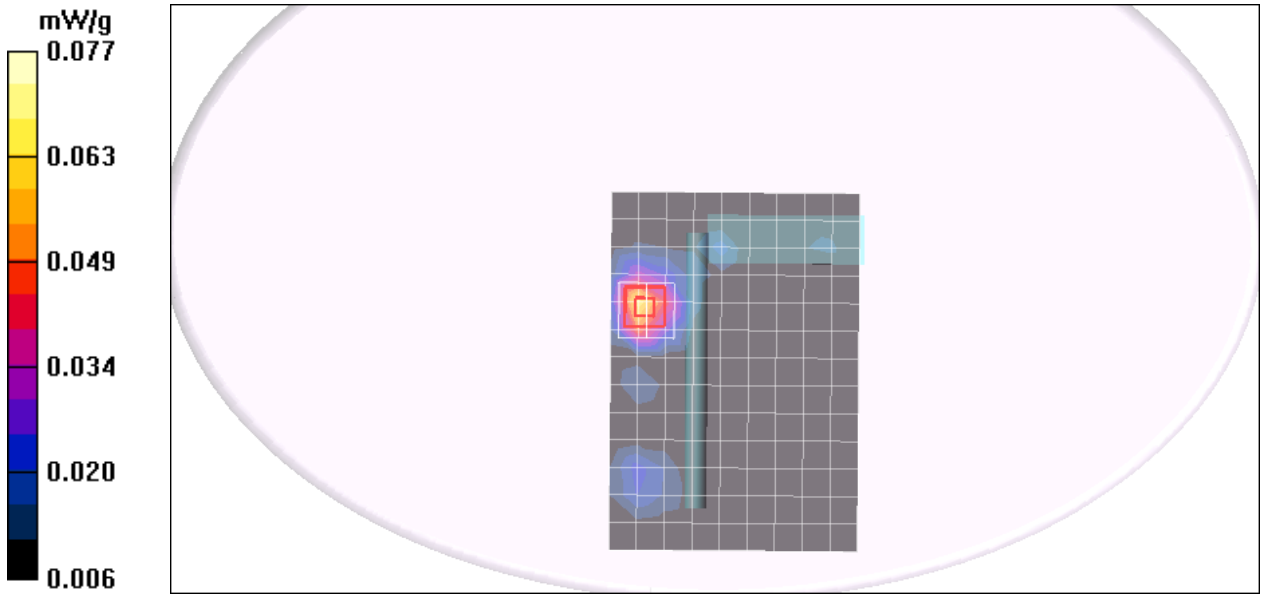
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.068 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.63 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.077 mW/g


mW/g
0.077
0.063
0.049
0.034
0.020
0.006

Date/Time: 05/12/2009 02:38:46 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

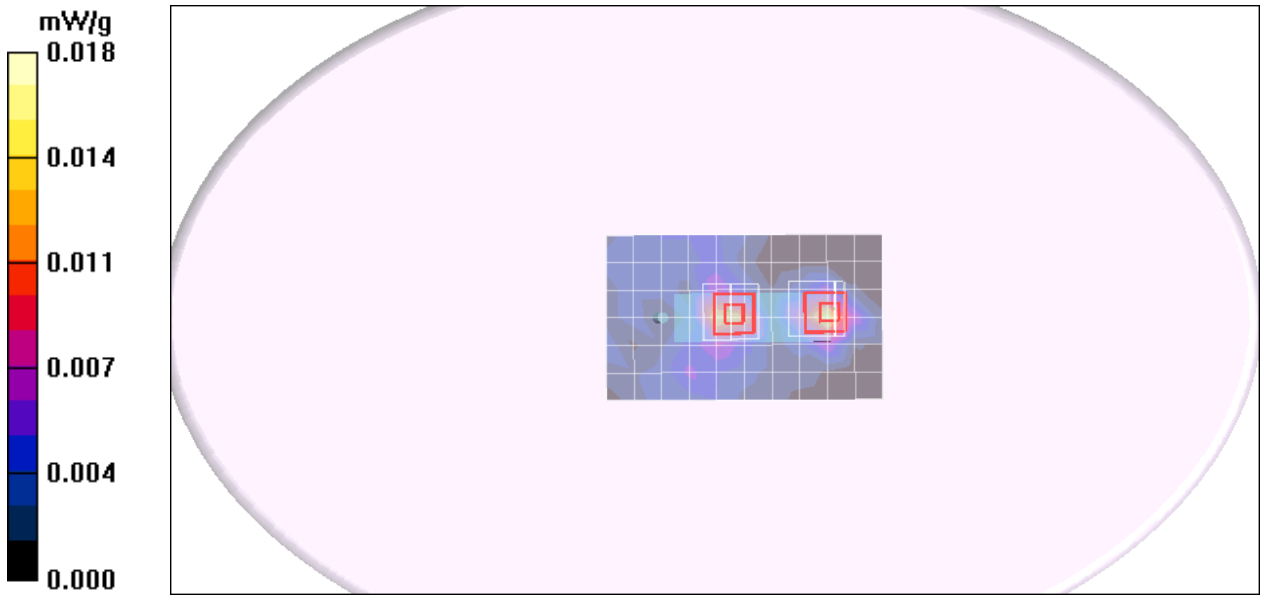
Maximum value of SAR (measured) = 0.014 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.25 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.00907 mW/g; SAR(10 g) = 0.00368 mW/g
Maximum value of SAR (measured) = 0.013 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.25 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00564 mW/g
Maximum value of SAR (measured) = 0.018 mW/g


mW/g
0.018
0.014
0.011
0.007
0.004
0.000

Date/Time: 05/12/2009 12:21:04 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

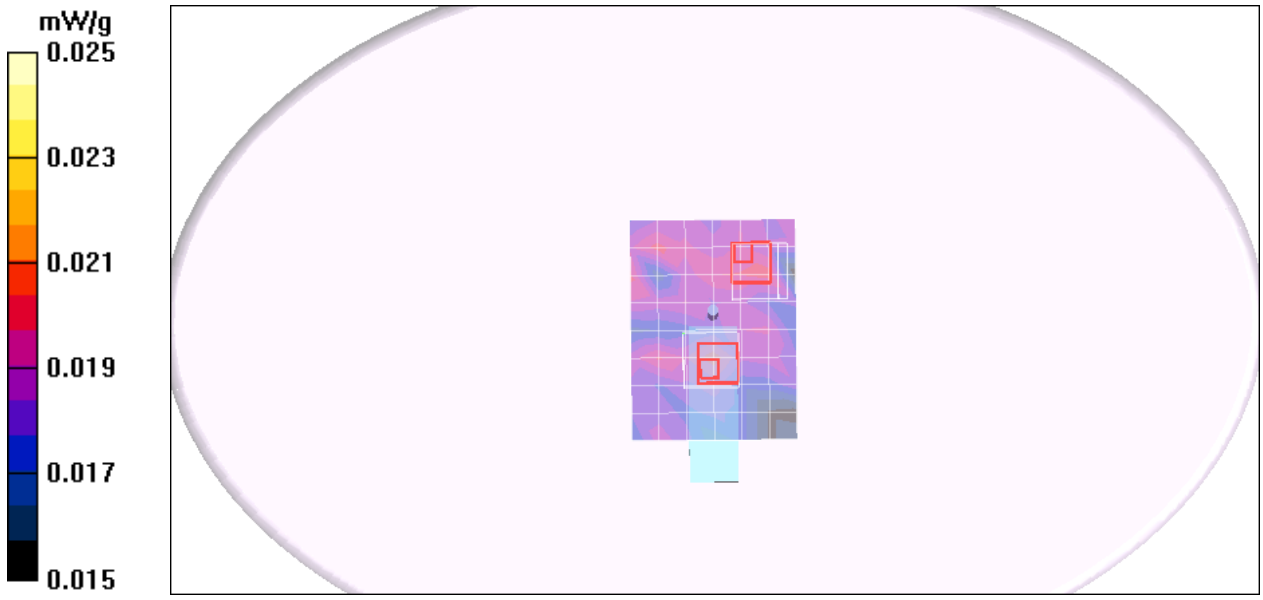
Maximum value of SAR (measured) = 0.020 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.18 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 0.022 W/kg
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.022 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.18 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 0.022 W/kg
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.022 mW/g


mW/g
0.025
0.023
0.021
0.019
0.017
0.015

Date/Time: 05/11/2009 08:02:20 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

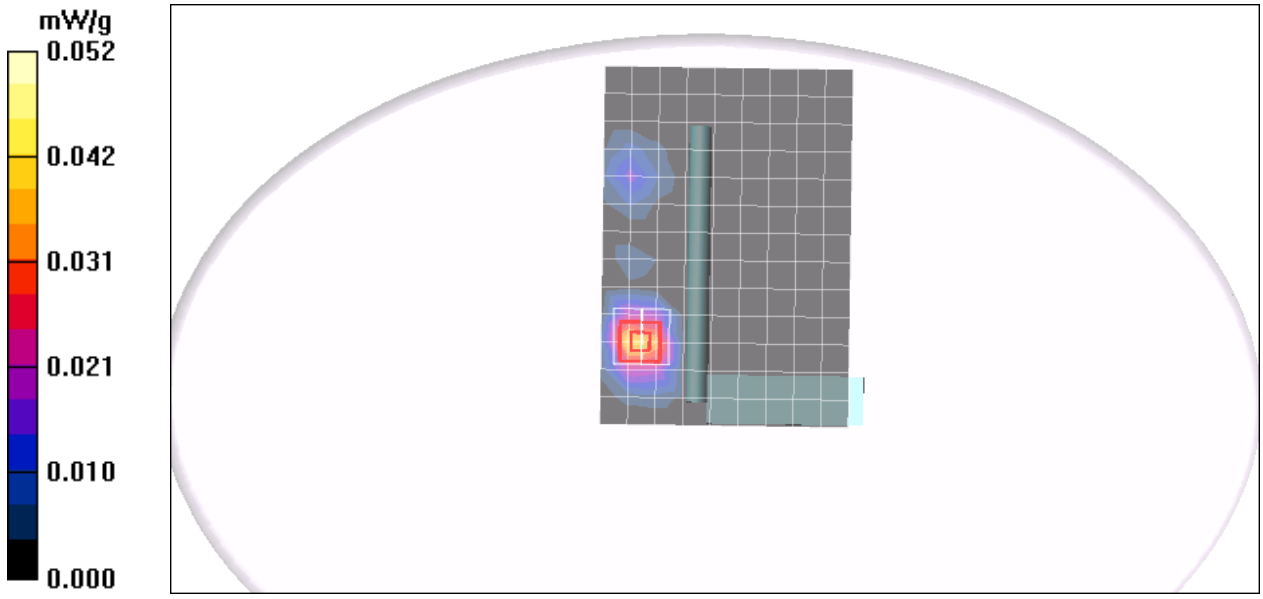
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.929 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.052 mW/g


mW/g
0.052
0.042
0.031
0.021
0.010
0.000

Date/Time: 05/11/2009 09:26:23 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 180 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

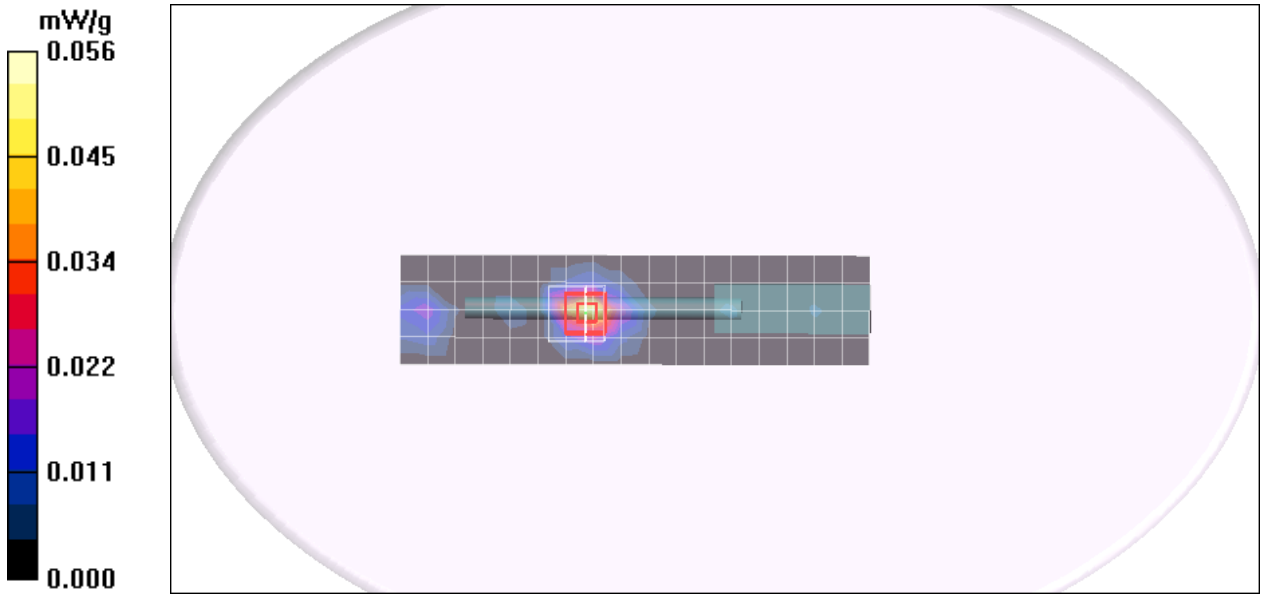
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.80 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.056 mW/g


mW/g
0.056
0.045
0.034
0.022
0.011
0.000

Date/Time: 05/11/2009 10:43:49 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 270 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

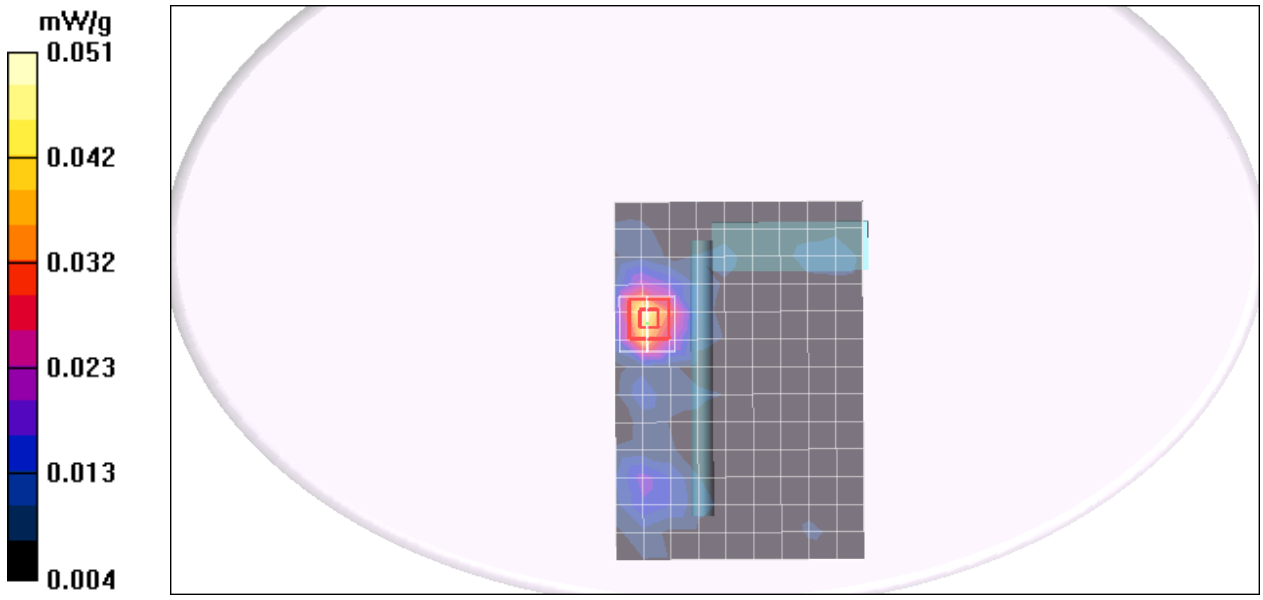
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.048 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.31 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.051 mW/g


mW/g
0.051
0.042
0.032
0.023
0.013
0.004

Date/Time: 05/12/2009 02:45:22 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n up 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

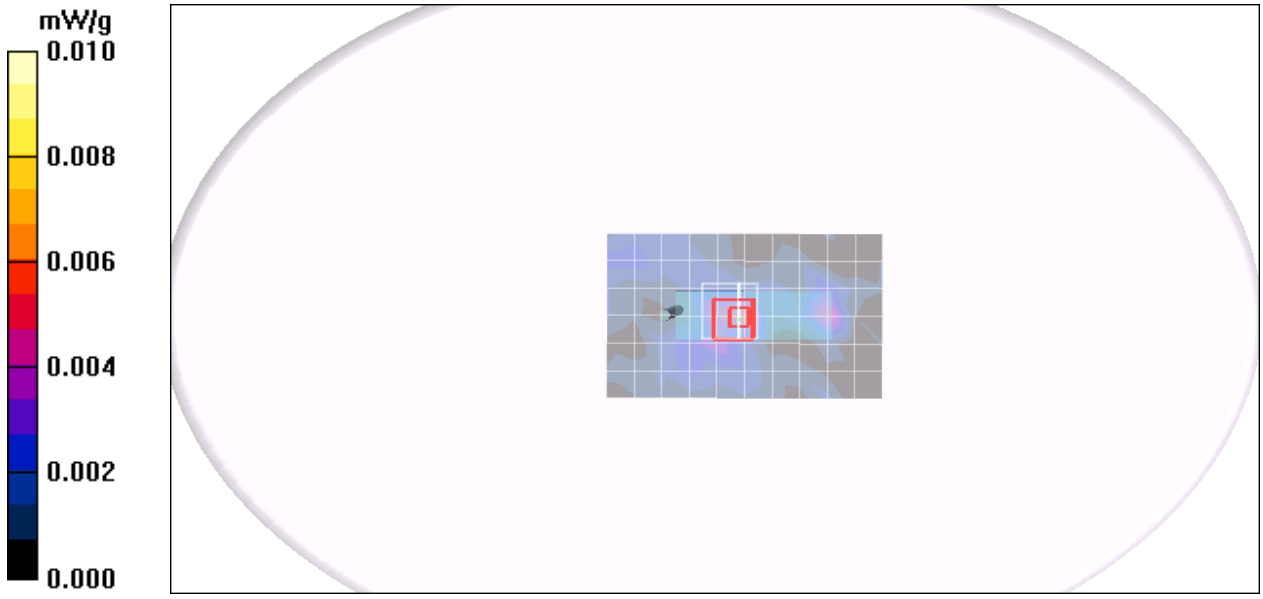
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.017 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.57 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.0146 mW/g; SAR(10 g) = 0.0057 mW/g
Maximum value of SAR (measured) = 0.016 mW/g


mW/g
0.010
0.008
0.006
0.004
0.002
0.000

Date/Time: 05/12/2009 01:03:34 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n down 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

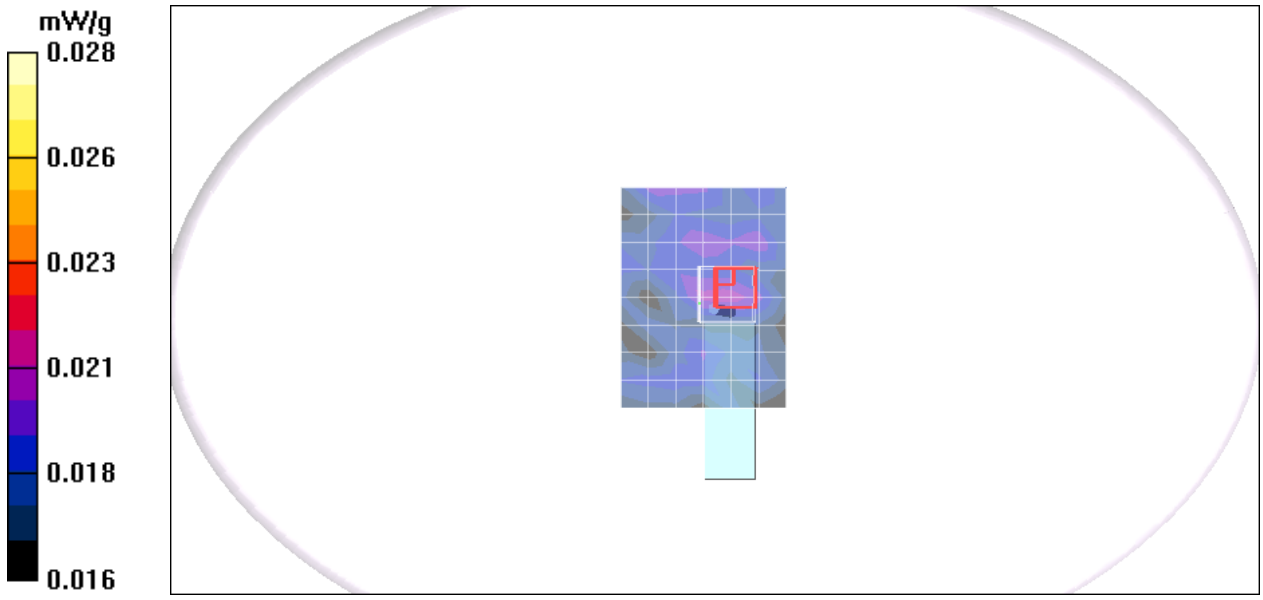
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.021 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.90 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.023 mW/g


mW/g
0.028
0.026
0.023
0.021
0.018
0.016

Date/Time: 05/11/2009 08:34:02 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

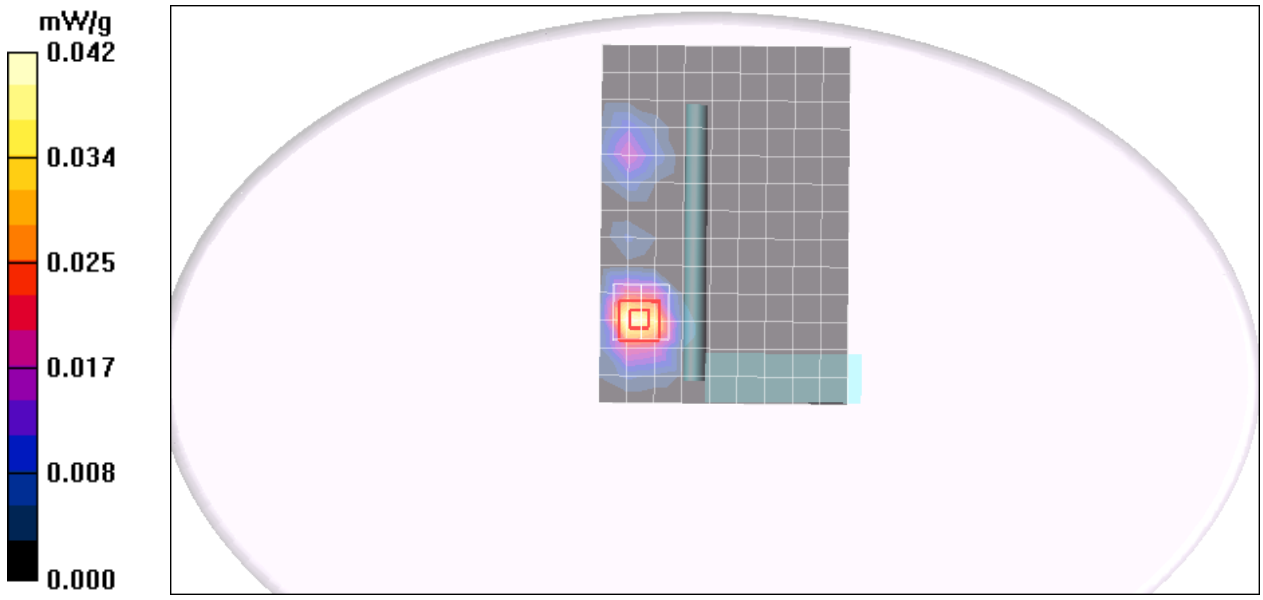
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.13 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.077 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.054 mW/g


mW/g
0.042
0.034
0.025
0.017
0.008
0.000

Date/Time: 05/11/2009 09:50:34 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 180 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

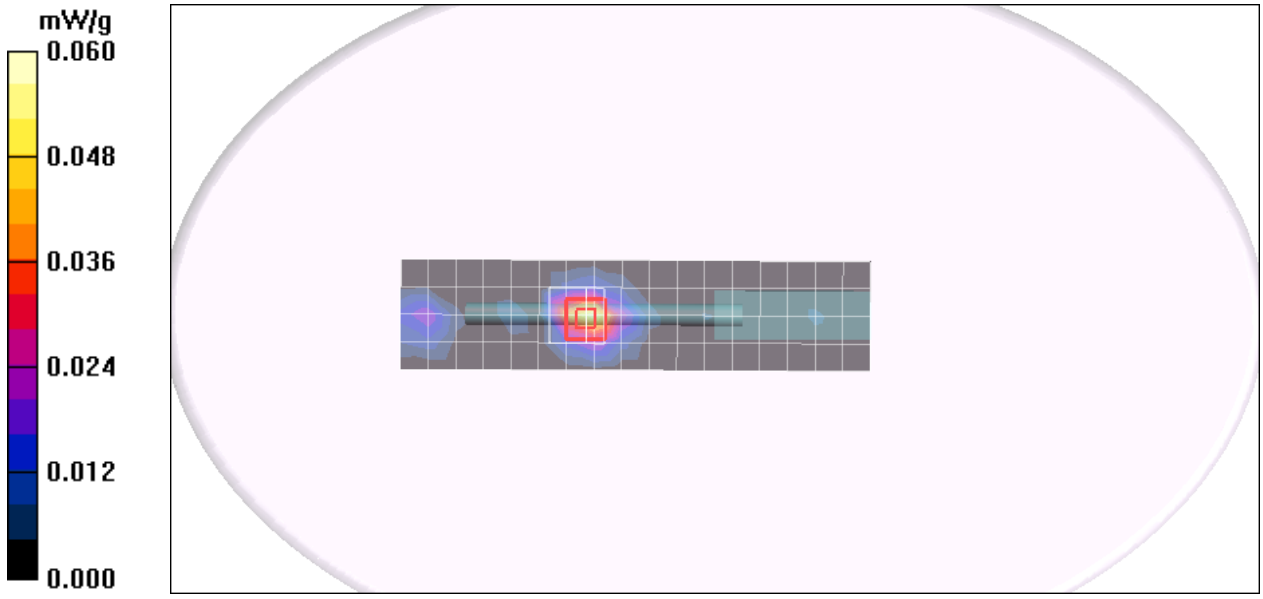
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.057 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.73 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.060 mW/g


mW/g
0.060
0.048
0.036
0.024
0.012
0.000

Date/Time: 05/11/2009 11:16:17 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n 270 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

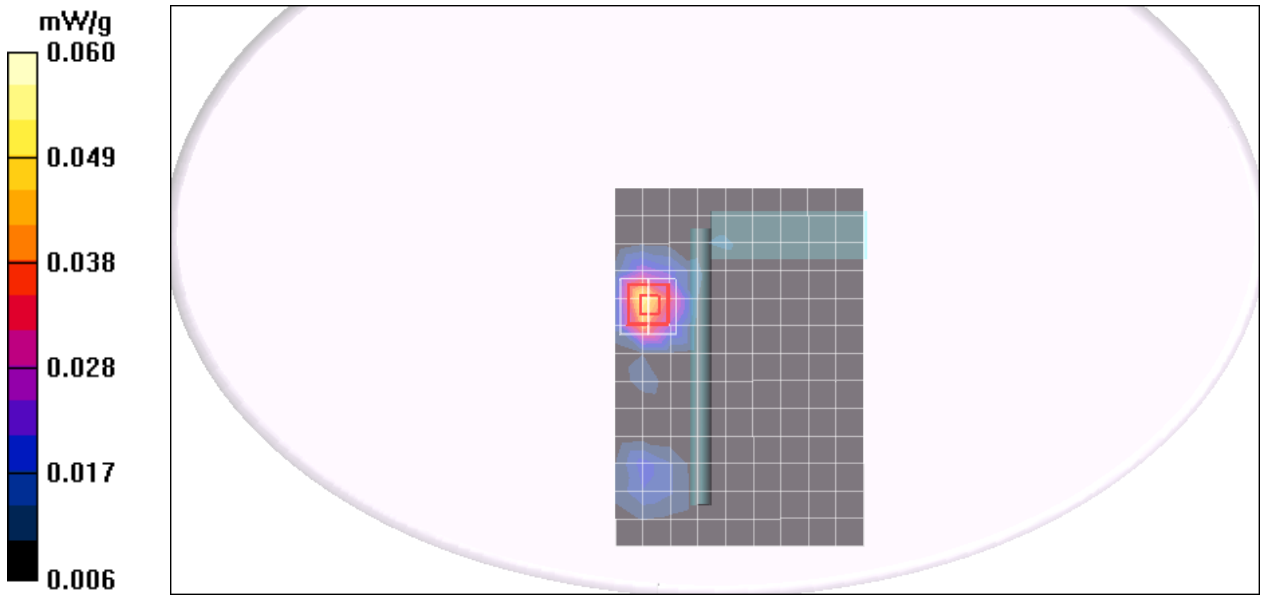
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.053 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.99 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.060 mW/g


mW/g
0.060
0.049
0.038
0.028
0.017
0.006

Date/Time: 05/12/2009 03:18:01 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n up 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

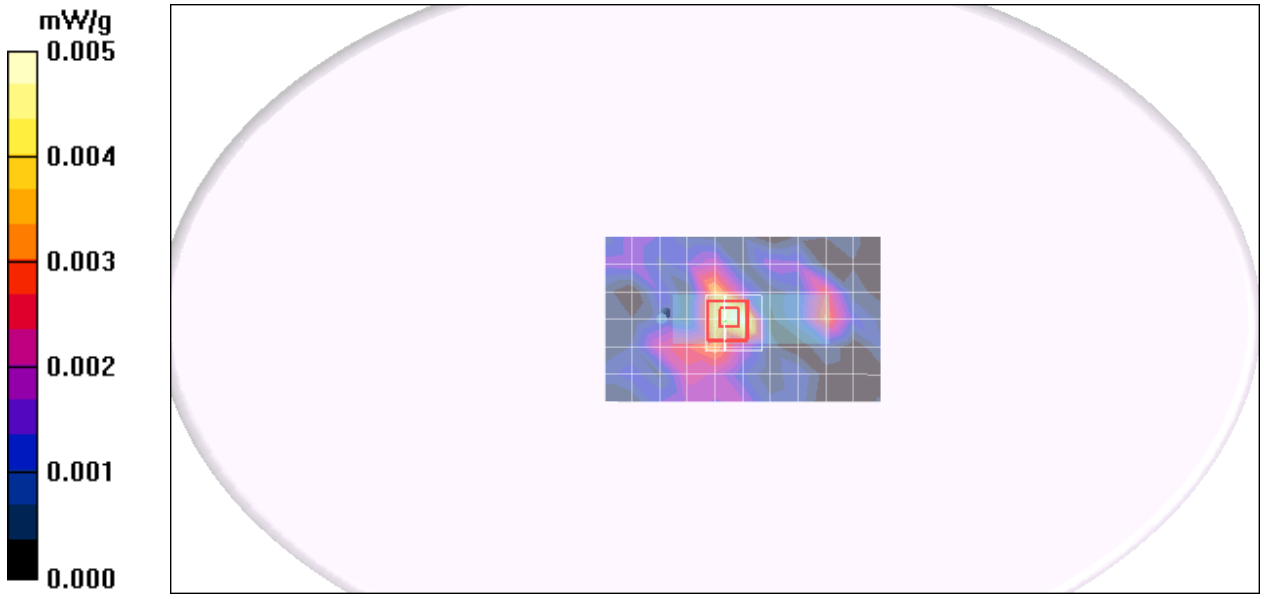
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.015 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.32 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.0134 mW/g; SAR(10 g) = 0.0049 mW/g
Maximum value of SAR (measured) = 0.015 mW/g


mW/g
0.005
0.004
0.003
0.002
0.001
0.000

Date/Time: 05/12/2009 01:35:22 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Horizontal Up mode WiQueen-U23n down 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

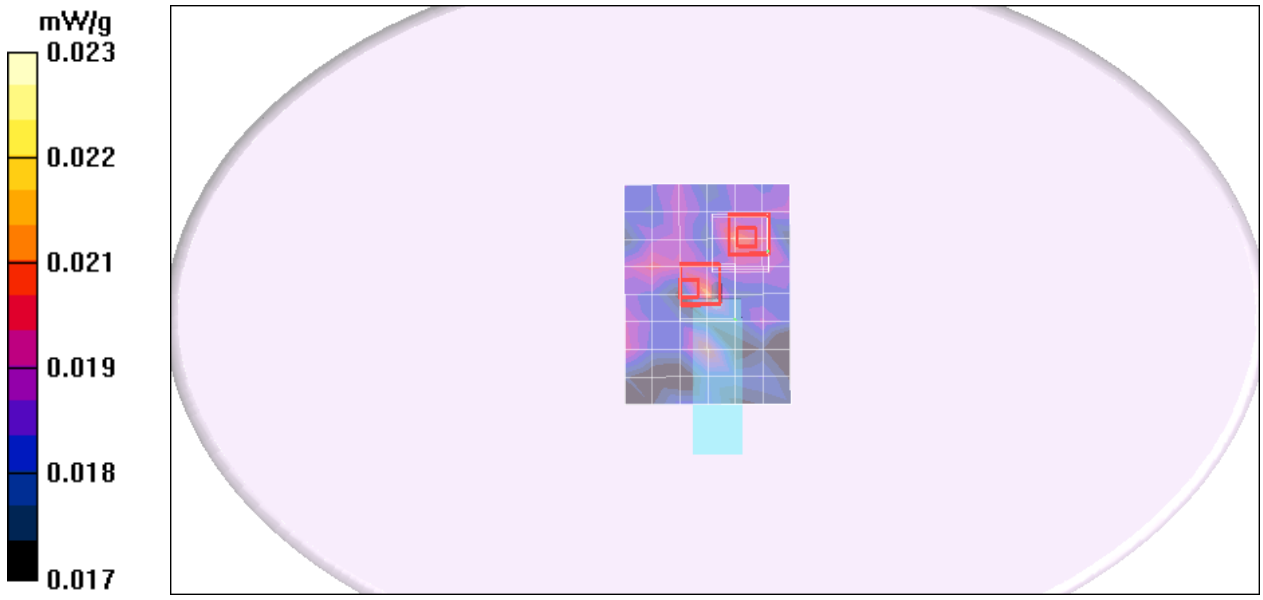
Maximum value of SAR (measured) = 0.021 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.11 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.023 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.11 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.024 mW/g


mW/g
0.023
0.022
0.021
0.019
0.018
0.017

Date/Time: 05/26/2009 06:54:18 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

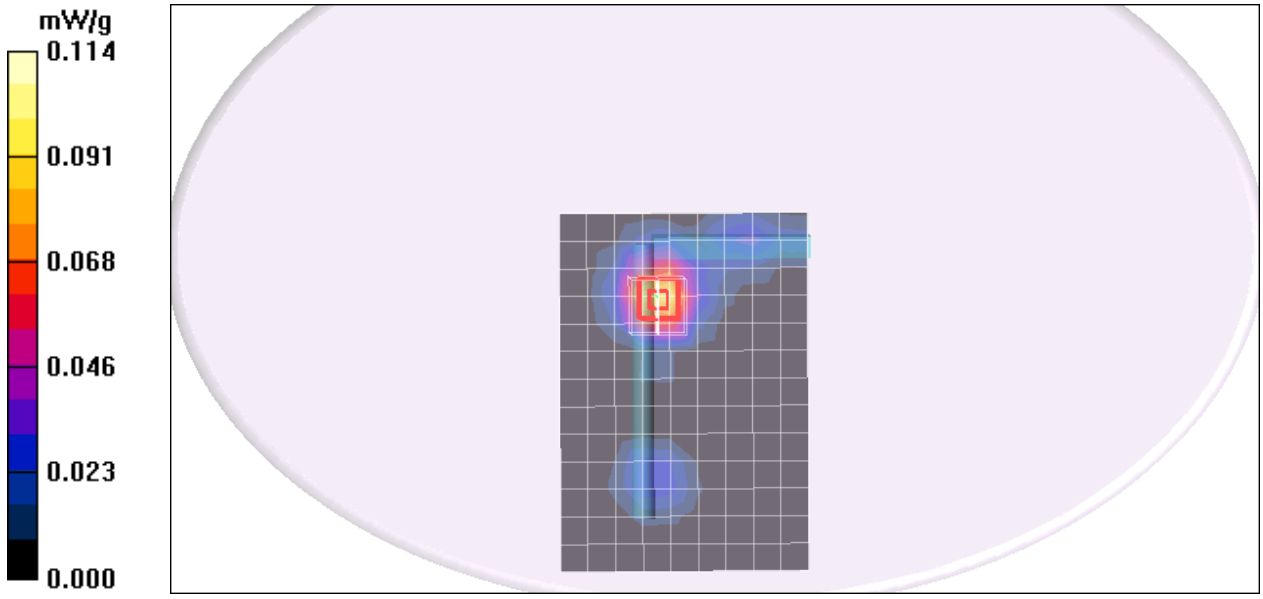
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.102 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.34 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.114 mW/g


mW/g
0.114
0.091
0.068
0.046
0.023
0.000

Date/Time: 05/26/2009 07:39:50 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

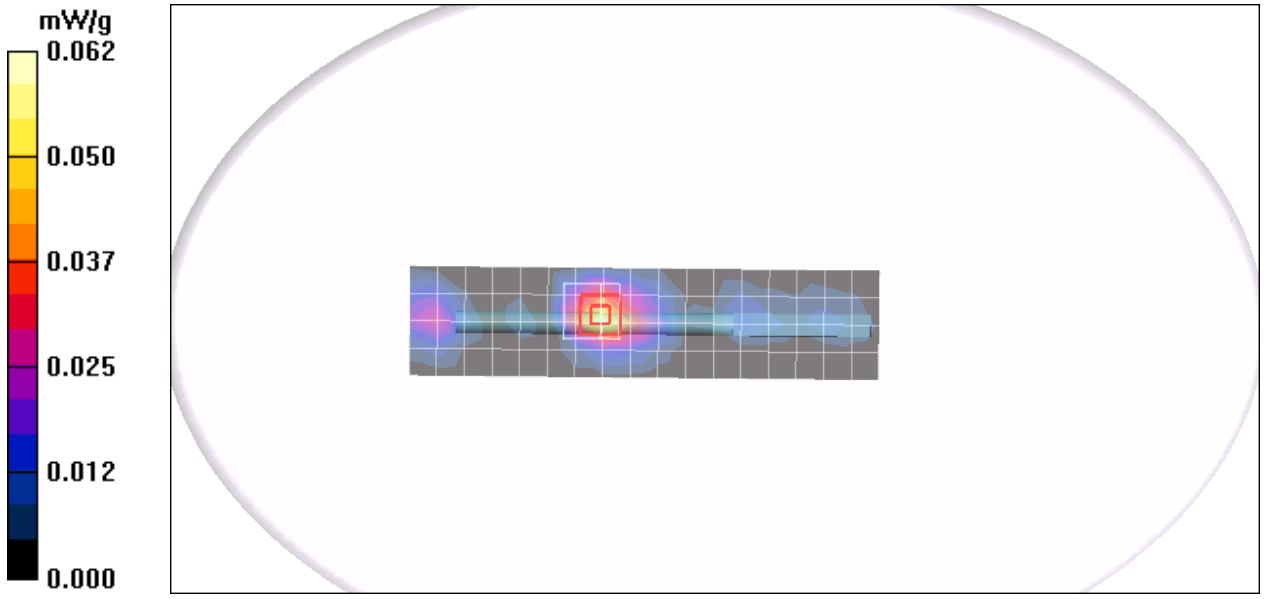
Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.058 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.35 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.091 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.062 mW/g


mW/g
0.062
0.050
0.037
0.025
0.012
0.000

Date/Time: 05/26/2009 08:22:46 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

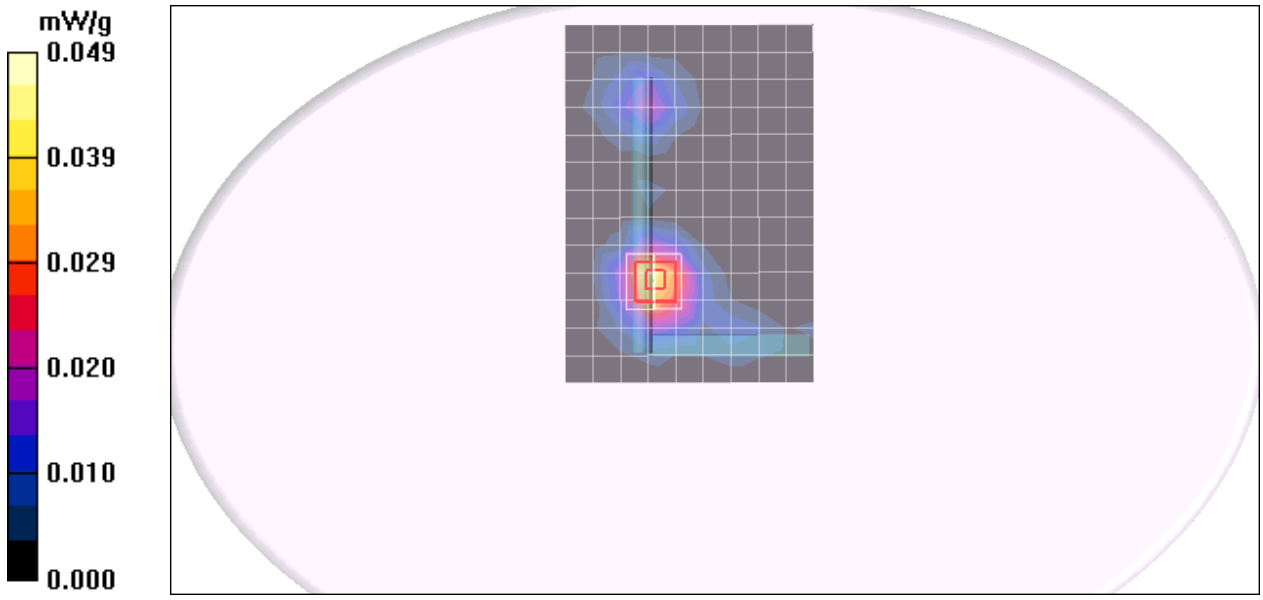
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.045 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.20 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.049 mW/g


mW/g
0.049
0.039
0.029
0.020
0.010
0.000

Date/Time: 05/27/2009 04:52:25AM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

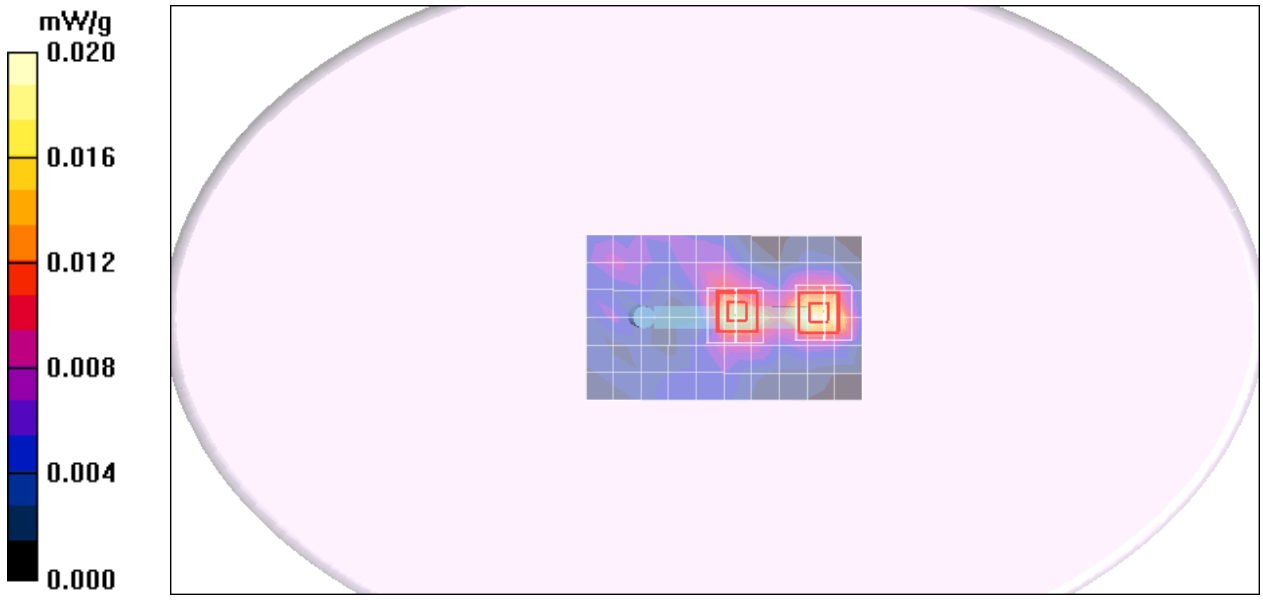
Maximum value of SAR (measured) = 0.020 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.52 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.033 W/kg
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00784 mW/g
Maximum value of SAR (measured) = 0.022 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.52 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00586 mW/g
Maximum value of SAR (measured) = 0.018 mW/g


mW/g
0.020
0.016
0.012
0.008
0.004
0.000

Date/Time: 05/27/2009 02:19:51 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

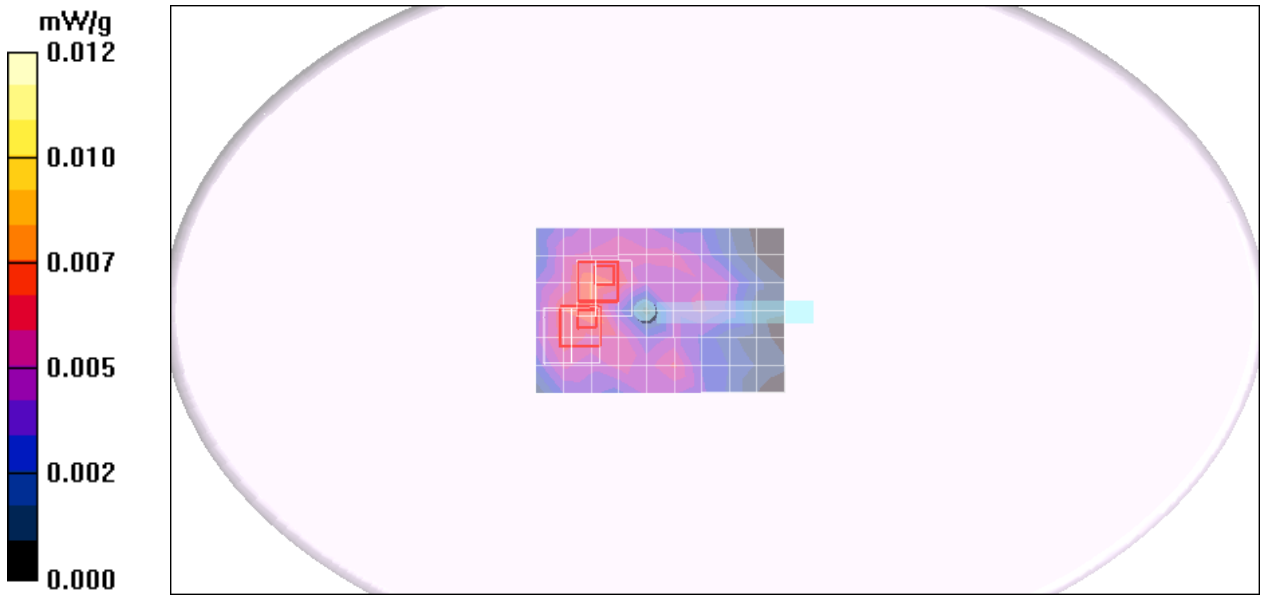
Maximum value of SAR (measured) = 0.007 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.17 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.026 W/kg
SAR(1 g) = 0.00542 mW/g; SAR(10 g) = 0.00235 mW/g
Maximum value of SAR (measured) = 0.008 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.17 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00518 mW/g; SAR(10 g) = 0.00253 mW/g
Maximum value of SAR (measured) = 0.008 mW/g


mW/g
0.012
0.010
0.007
0.005
0.002
0.000

Date/Time: 05/26/2009 09:05:31 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

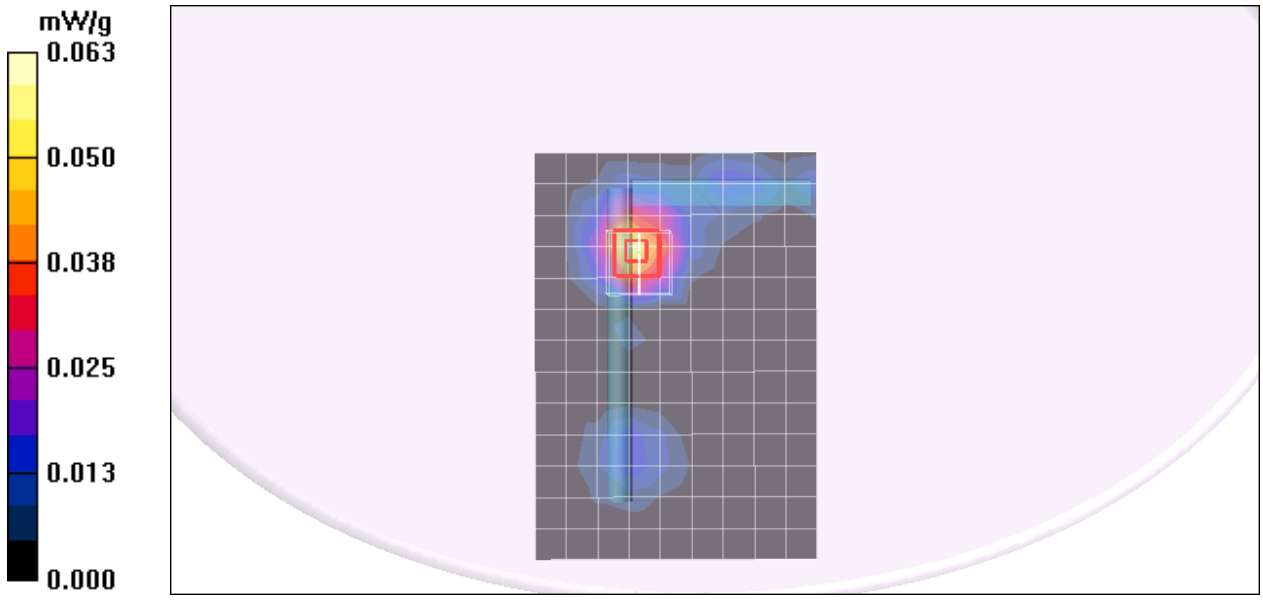
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.062 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.46 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.063 mW/g


mW/g
0.063
0.050
0.038
0.025
0.013
0.000

Date/Time: 05/26/2009 11:07:47 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

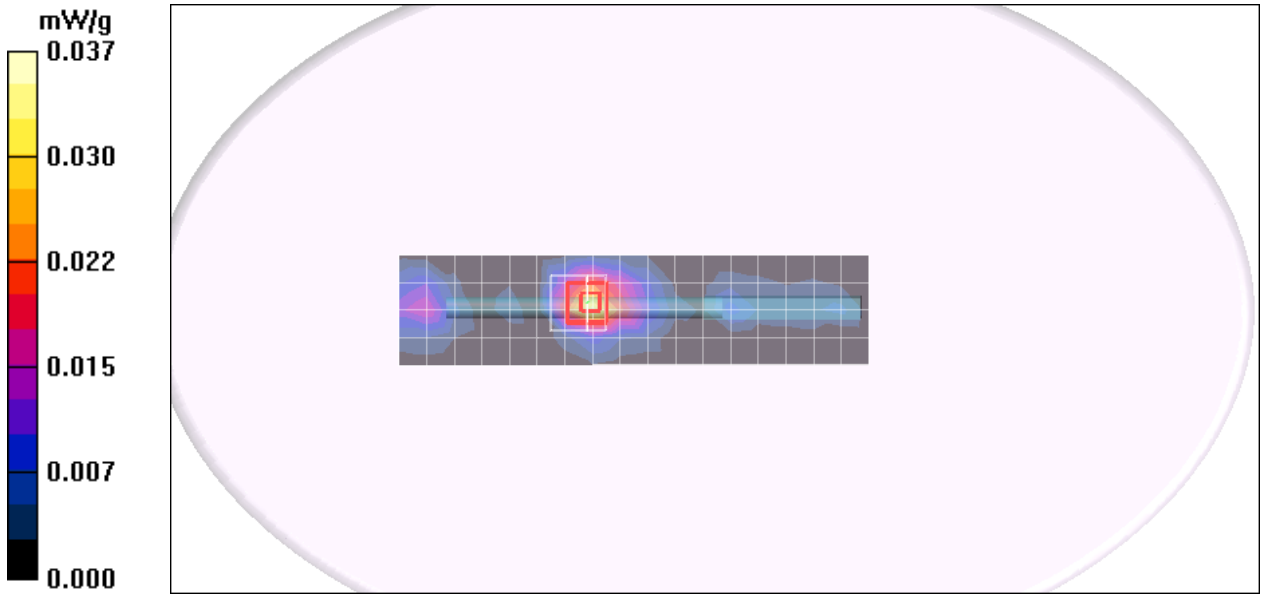
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.034 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.22 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.037 mW/g


mW/g
0.037
0.030
0.022
0.015
0.007
0.000

Date/Time: 05/27/2009 12:38:27 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

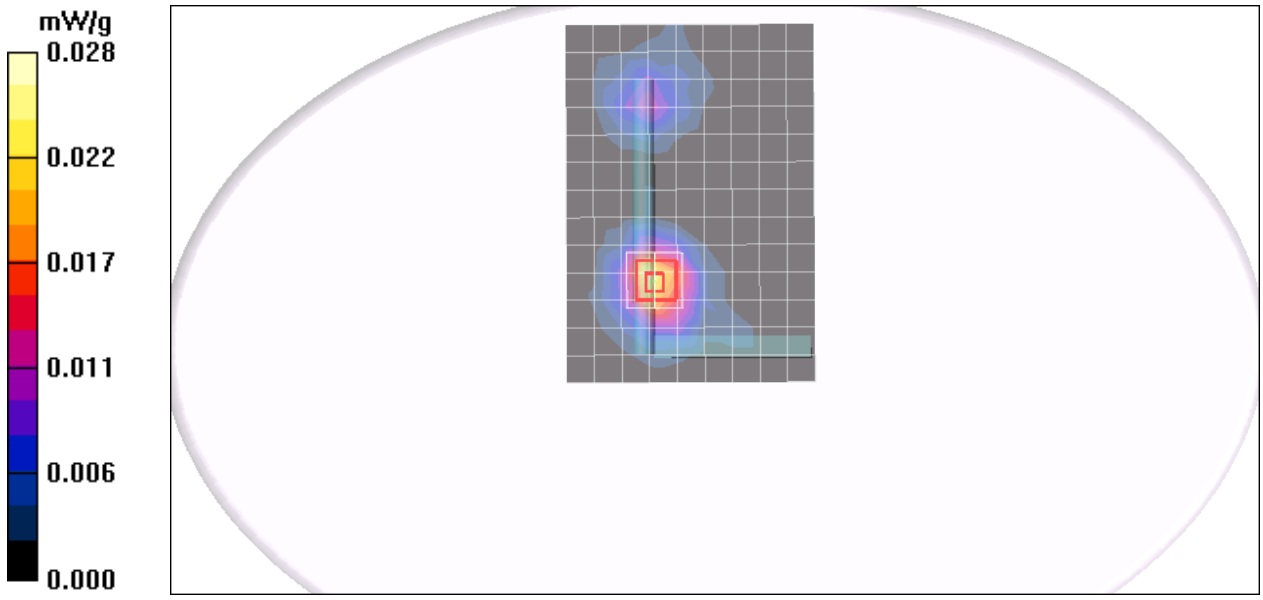
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.026 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.726 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.037 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.028 mW/g


mW/g
0.028
0.022
0.017
0.011
0.006
0.000

Date/Time: 05/27/2009 05:39:17 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

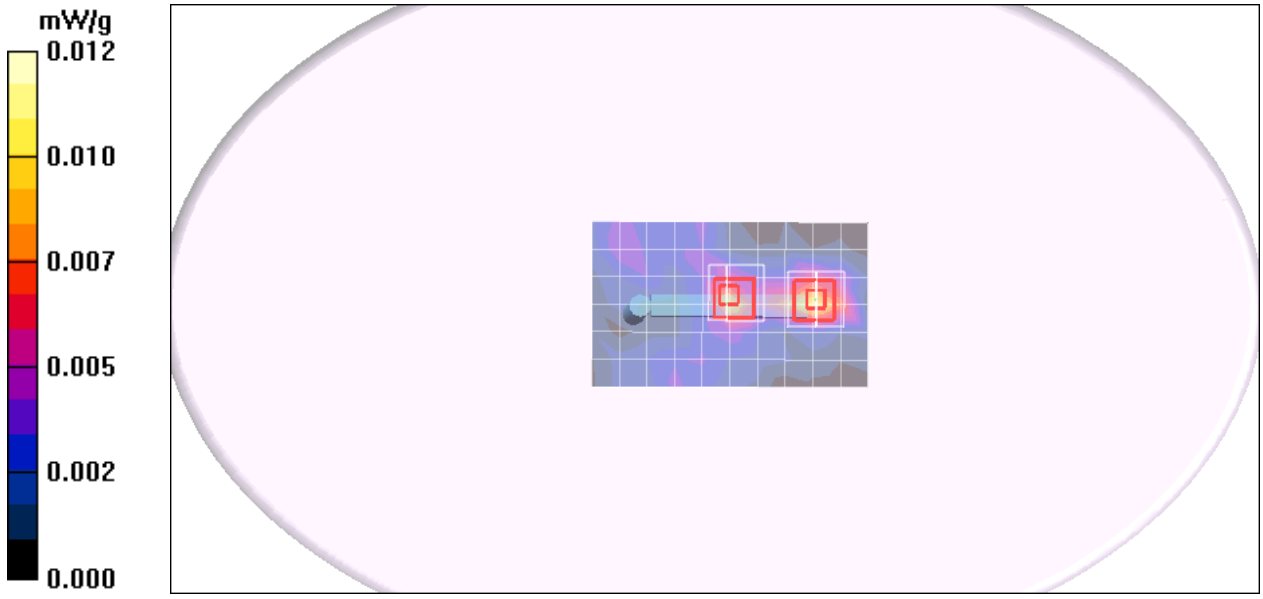
Maximum value of SAR (measured) = 0.010 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.65 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.051 W/kg
SAR(1 g) = 0.00814 mW/g; SAR(10 g) = 0.00351 mW/g
Maximum value of SAR (measured) = 0.012 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.65 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.00594 mW/g; SAR(10 g) = 0.0025 mW/g
Maximum value of SAR (measured) = 0.009 mW/g


mW/g
0.012
0.010
0.007
0.005
0.002
0.000

Date/Time: 05/27/2009 03:00:38 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

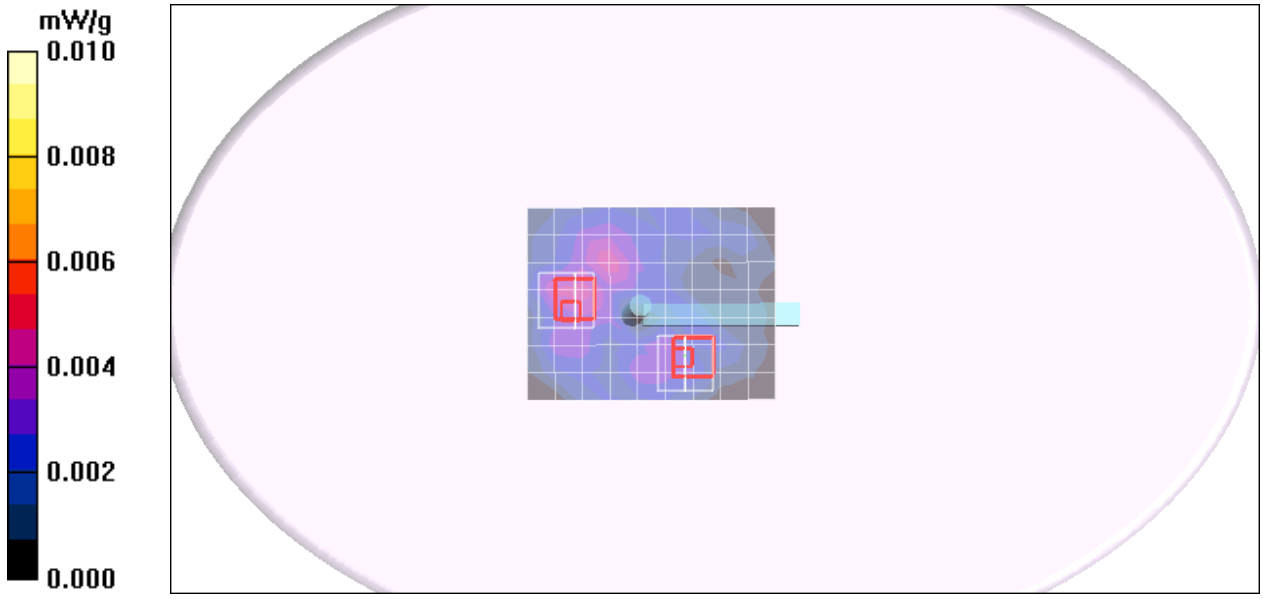
Maximum value of SAR (measured) = 0.005 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.936 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00272 mW/g; SAR(10 g) = 0.00113 mW/g
Maximum value of SAR (measured) = 0.005 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.936 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.00203 mW/g; SAR(10 g) = 0.000732 mW/g
Maximum value of SAR (measured) = 0.005 mW/g


mW/g
0.010
0.008
0.006
0.004
0.002
0.000

Date/Time: 05/26/2009 09:45:46 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

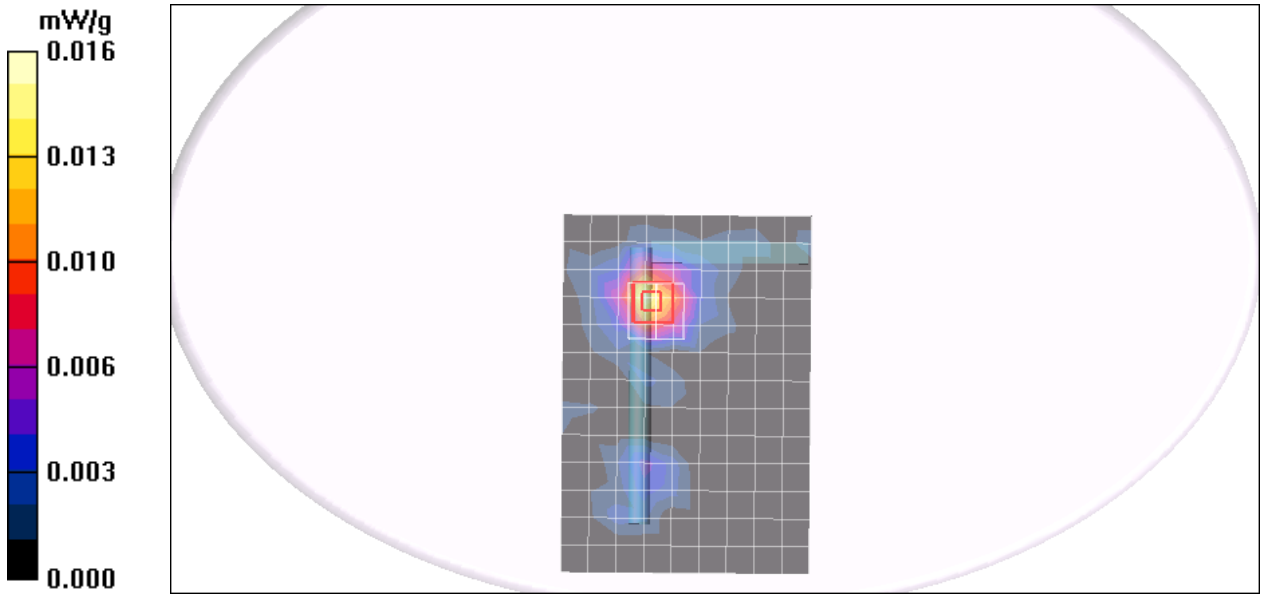
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.015 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.732 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00631 mW/g
Maximum value of SAR (measured) = 0.016 mW/g


mW/g
0.016
0.013
0.010
0.006
0.003
0.000

Date/Time: 05/26/2009 11:39:53 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 180 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

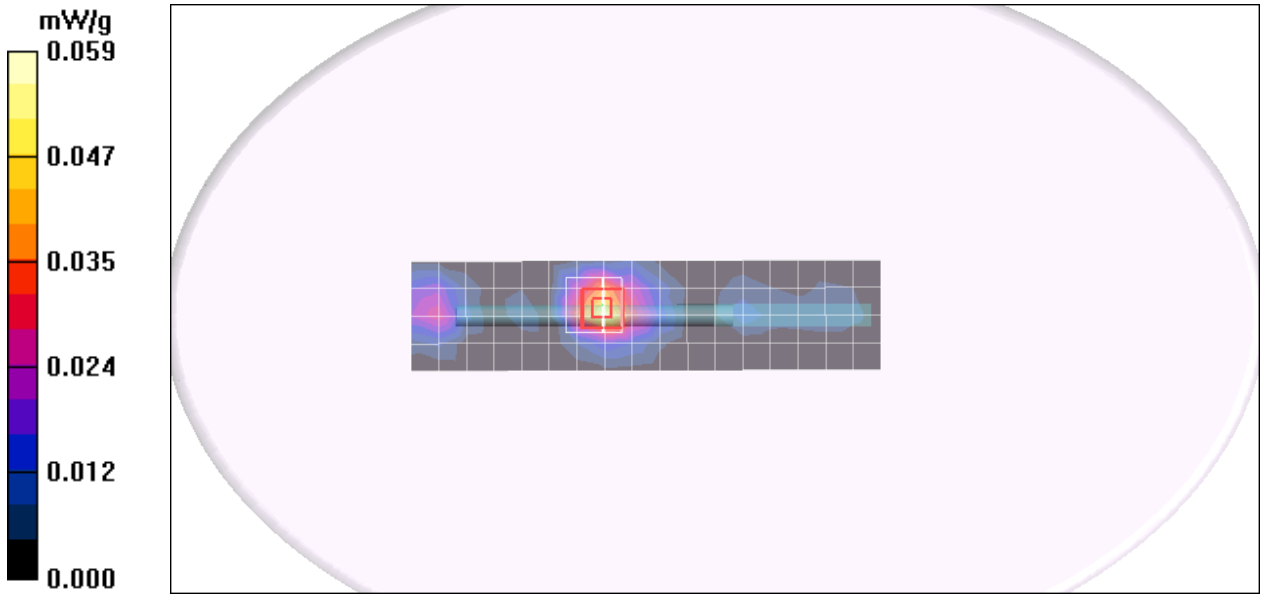
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.055 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.43 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.059 mW/g


mW/g
0.059
0.047
0.035
0.024
0.012
0.000

Date/Time: 05/27/2009 01:15:37 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 270 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

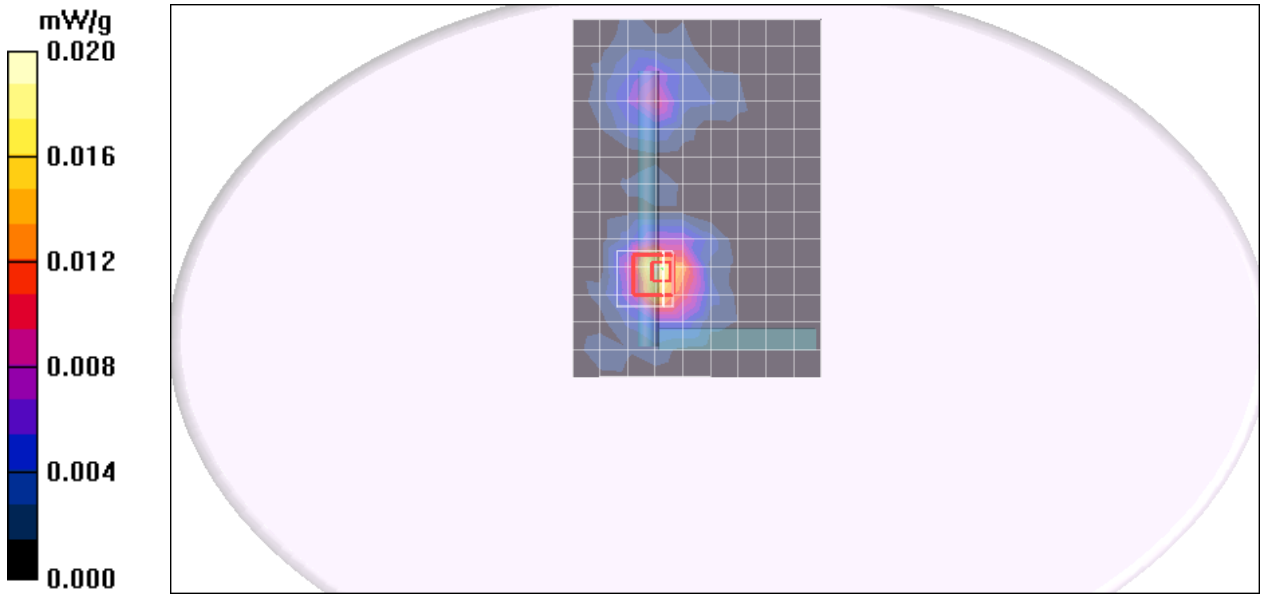
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.020 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.574 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 0.031 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0074 mW/g
Maximum value of SAR (measured) = 0.020 mW/g


mW/g
0.020
0.016
0.012
0.008
0.004
0.000

Date/Time: 05/27/2009 06:21:19 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n up 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

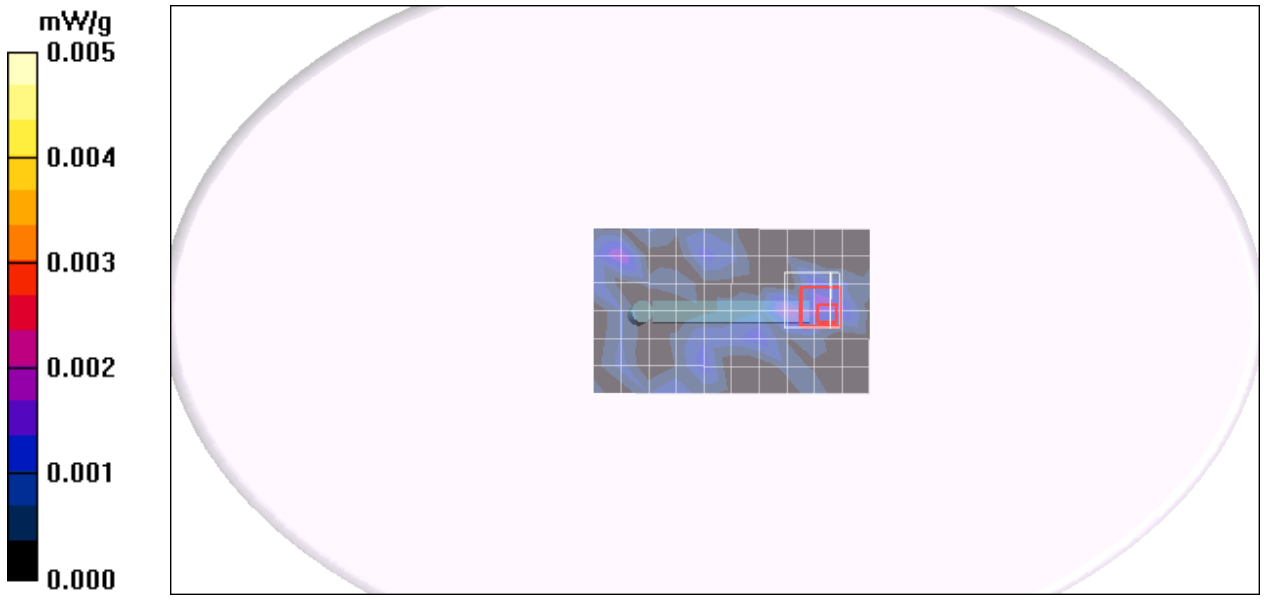
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.688 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000232 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.005
0.004
0.003
0.002
0.001
0.000

Date/Time: 05/27/2009 03:46:33 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n down 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

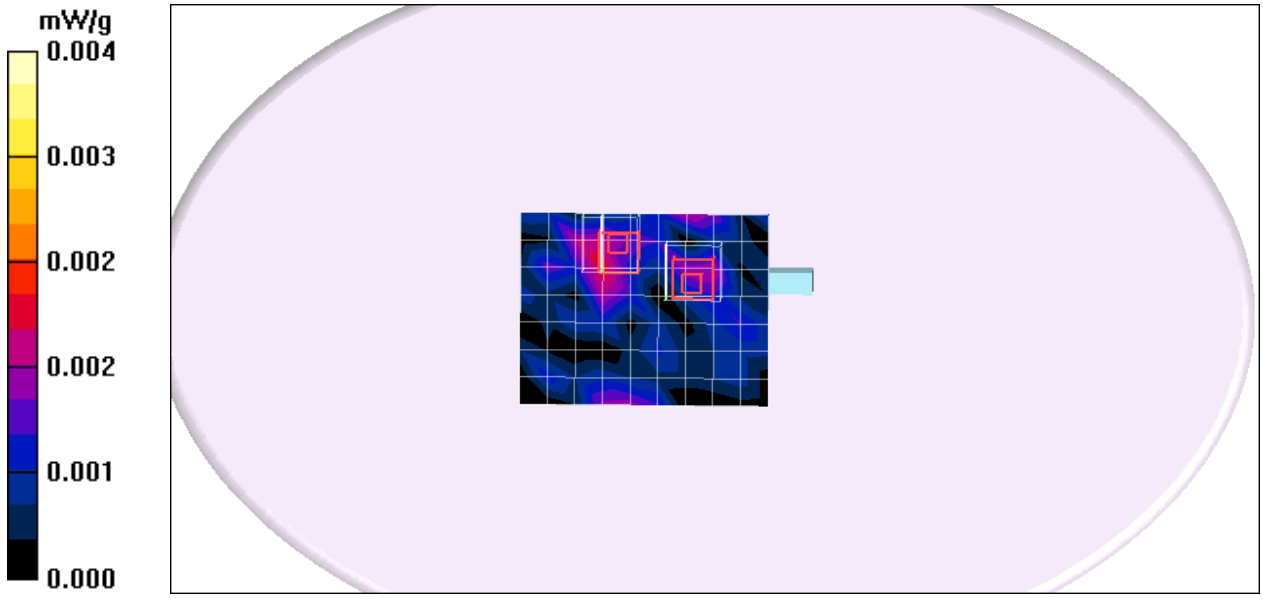
Maximum value of SAR (measured) = 0.002 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.200 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.009 W/kg
SAR(1 g) = 0.00104 mW/g; SAR(10 g) = 0.00083 mW/g
Maximum value of SAR (measured) = 0.002 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.200 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.006 W/kg
SAR(1 g) = 0.000817 mW/g; SAR(10 g) = 0.000425 mW/g
Maximum value of SAR (measured) = 0.002 mW/g


mW/g
0.004
0.003
0.002
0.002
0.001
0.000

Date/Time: 05/26/2009 10:27:28 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

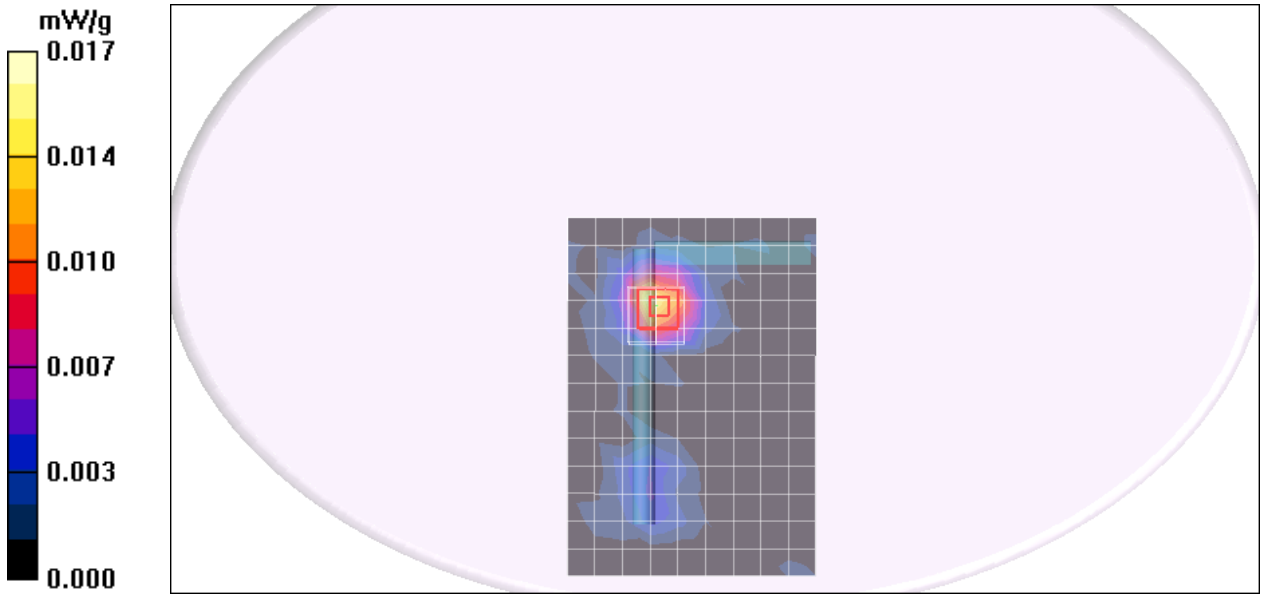
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.016 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.12 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00673 mW/g
Maximum value of SAR (measured) = 0.017 mW/g


mW/g
0.017
0.014
0.010
0.007
0.003
0.000

Date/Time: 05/27/2009 12:06:57 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 180 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

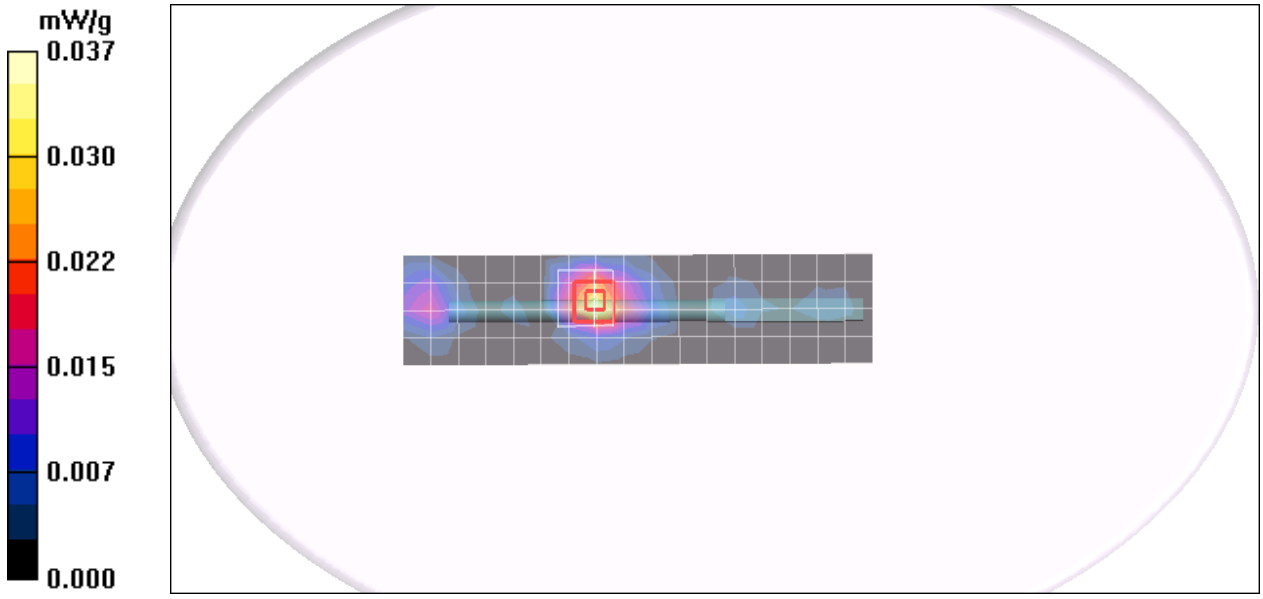
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.034 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.896 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.037 mW/g


mW/g
0.037
0.030
0.022
0.015
0.007
0.000

Date/Time: 05/27/2009 01:46:39 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n 270 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

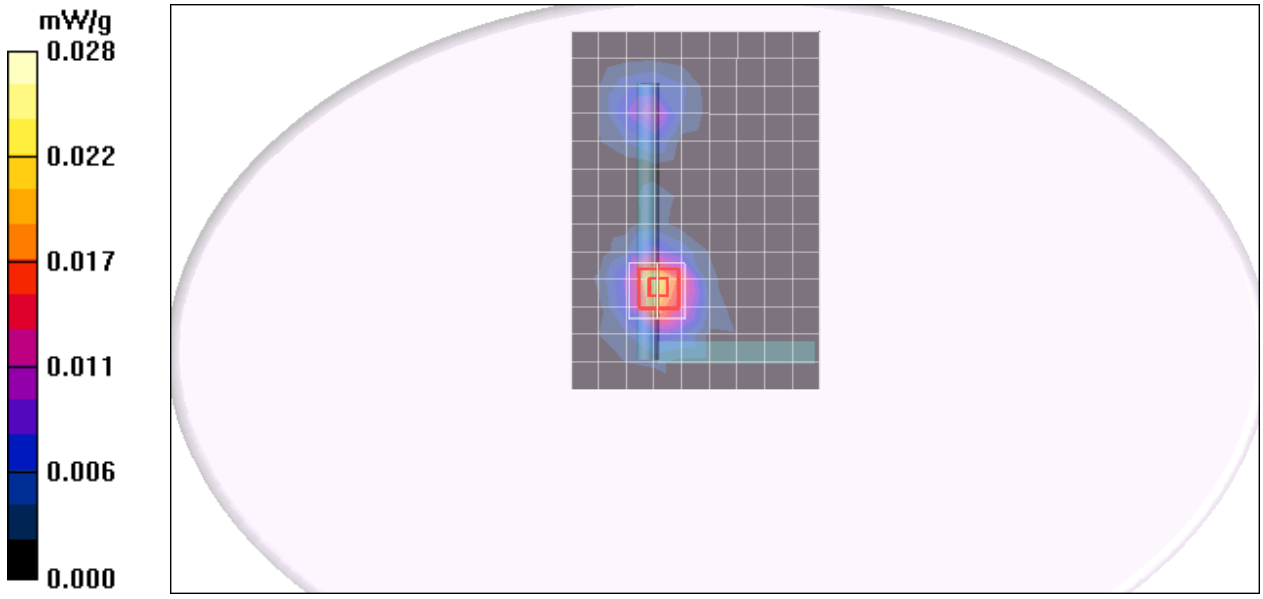
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.025 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.917 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.028 mW/g


mW/g
0.028
0.022
0.017
0.011
0.006
0.000

Date/Time: 05/27/2009 07:02:02 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n up 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

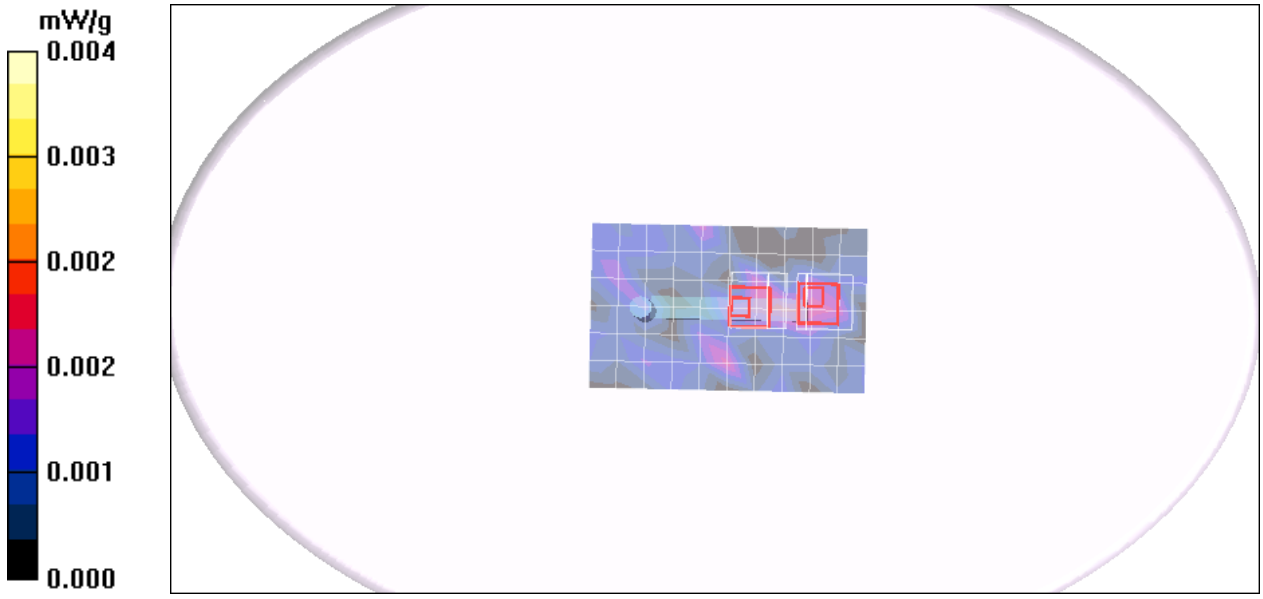
Maximum value of SAR (measured) = 0.002 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.792 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.00109 mW/g; SAR(10 g) = 0.000803 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.792 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.000882 mW/g; SAR(10 g) = 0.000495 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.004
0.003
0.002
0.002
0.001
0.000

Date/Time: 05/27/2009 04:25:02 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Front mode WiQueen-U23n up 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

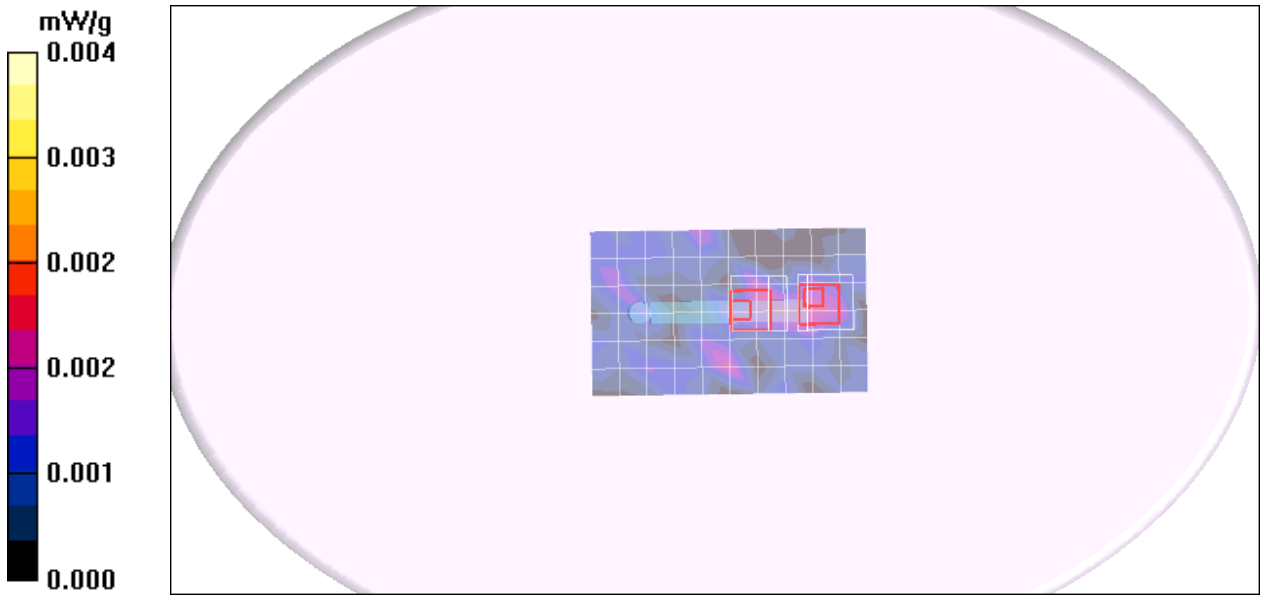
Maximum value of SAR (measured) = 0.002 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.792 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.00089 mW/g; SAR(10 g) = 0.000303 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.792 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.000482 mW/g; SAR(10 g) = 9.2e-005 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.004
0.003
0.002
0.002
0.001
0.000

Date/Time: 05/26/2009 09:03:04 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

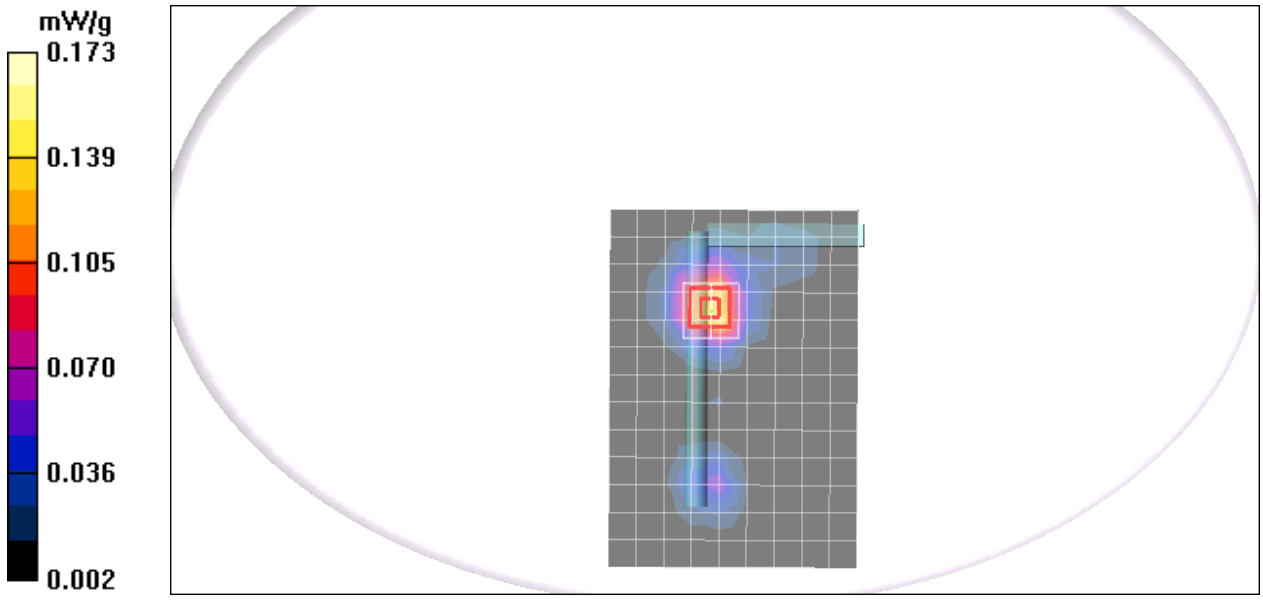
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.147 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.95 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.173 mW/g


mW/g
0.173
0.139
0.105
0.070
0.036
0.002

Date/Time: 05/26/2009 09:45:09 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

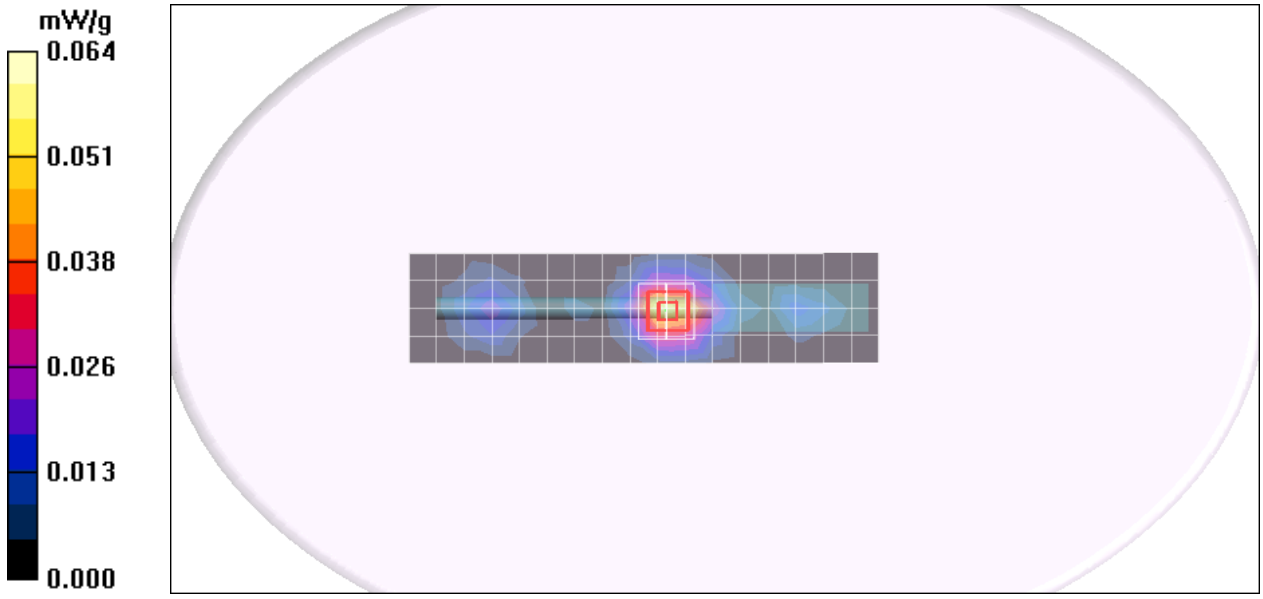
Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.058 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.77 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.064 mW/g


mW/g
0.064
0.051
0.038
0.026
0.013
0.000

Date/Time: 05/26/2009 10:09:53 AM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

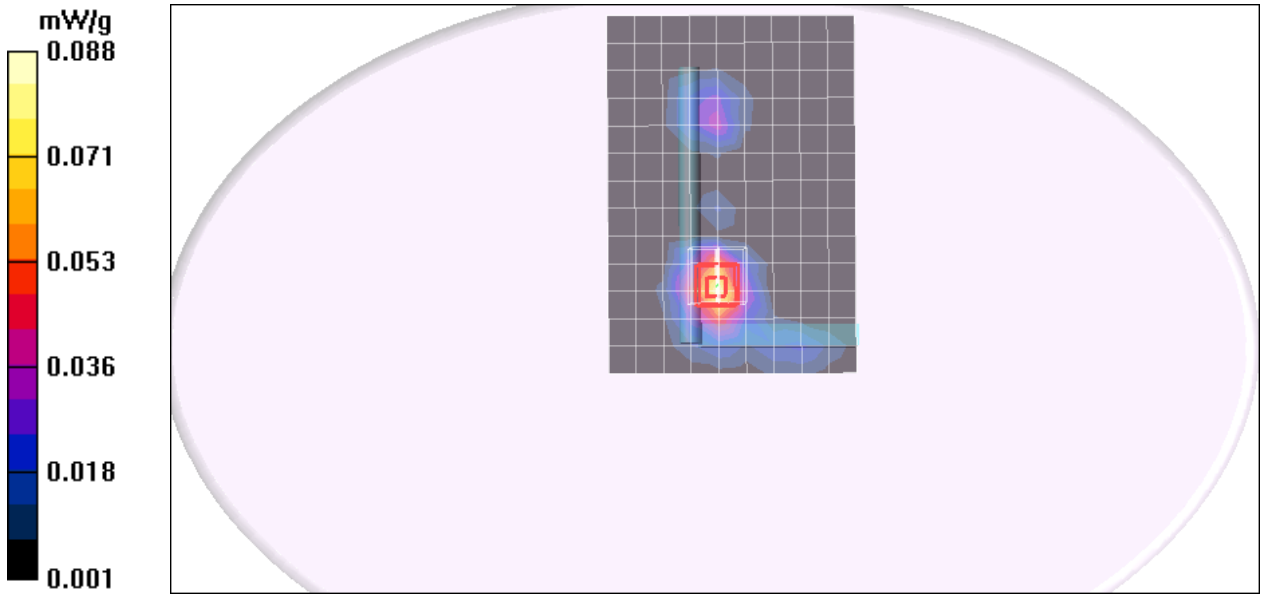
Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.086 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.97 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.088 mW/g


mW/g
0.088
0.071
0.053
0.036
0.018
0.001

Date/Time: 05/26/2009 04:51:43 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

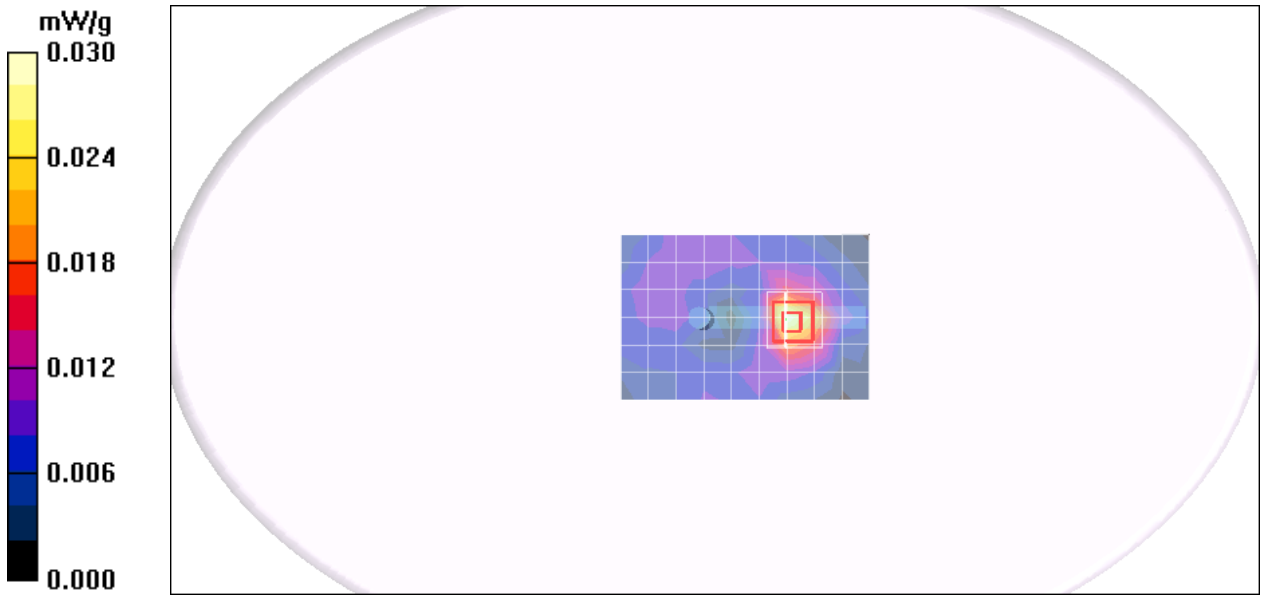
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 0.030 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.75 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.030 mW/g


mW/g
0.030
0.024
0.018
0.012
0.006
0.000

Date/Time: 05/26/2009 02:05:09 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

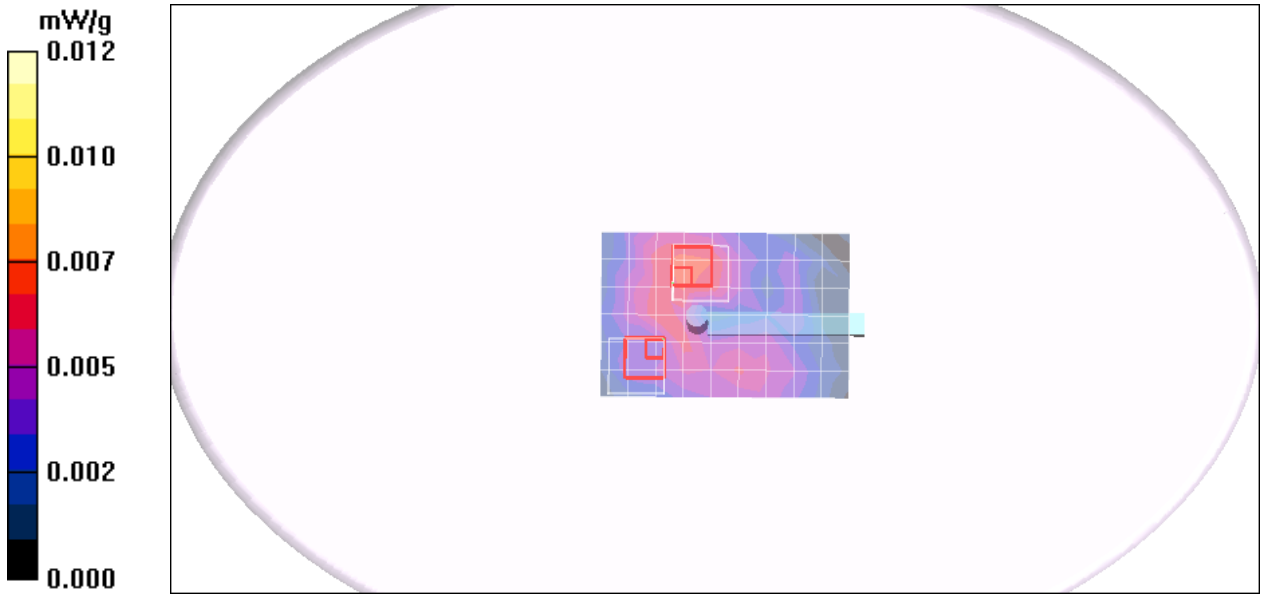
Maximum value of SAR (measured) = 0.007 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.639 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00542 mW/g; SAR(10 g) = 0.00246 mW/g
Maximum value of SAR (measured) = 0.008 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.639 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.031 W/kg
SAR(1 g) = 0.00345 mW/g; SAR(10 g) = 0.000969 mW/g
Maximum value of SAR (measured) = 0.006 mW/g


mW/g
0.012
0.010
0.007
0.005
0.002
0.000

Date/Time: 05/26/2009 10:43:01 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

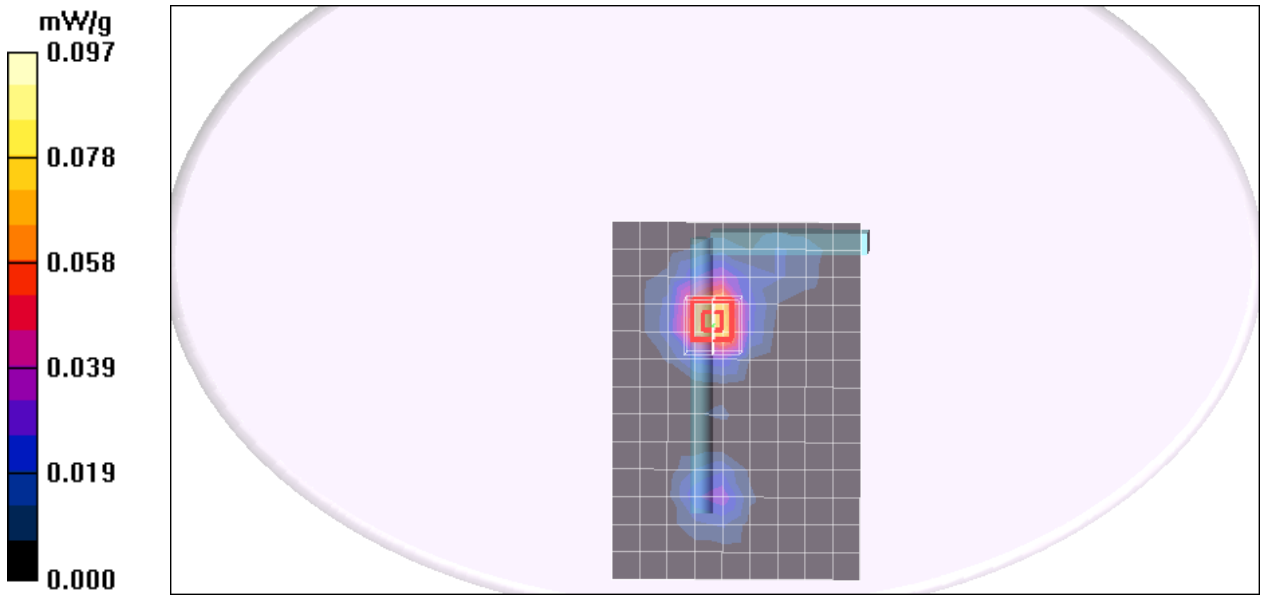
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

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

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.90 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.097 mW/g


mW/g
0.097
0.078
0.058
0.039
0.019
0.000

Date/Time: 05/26/2009 12:22:10 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 180

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

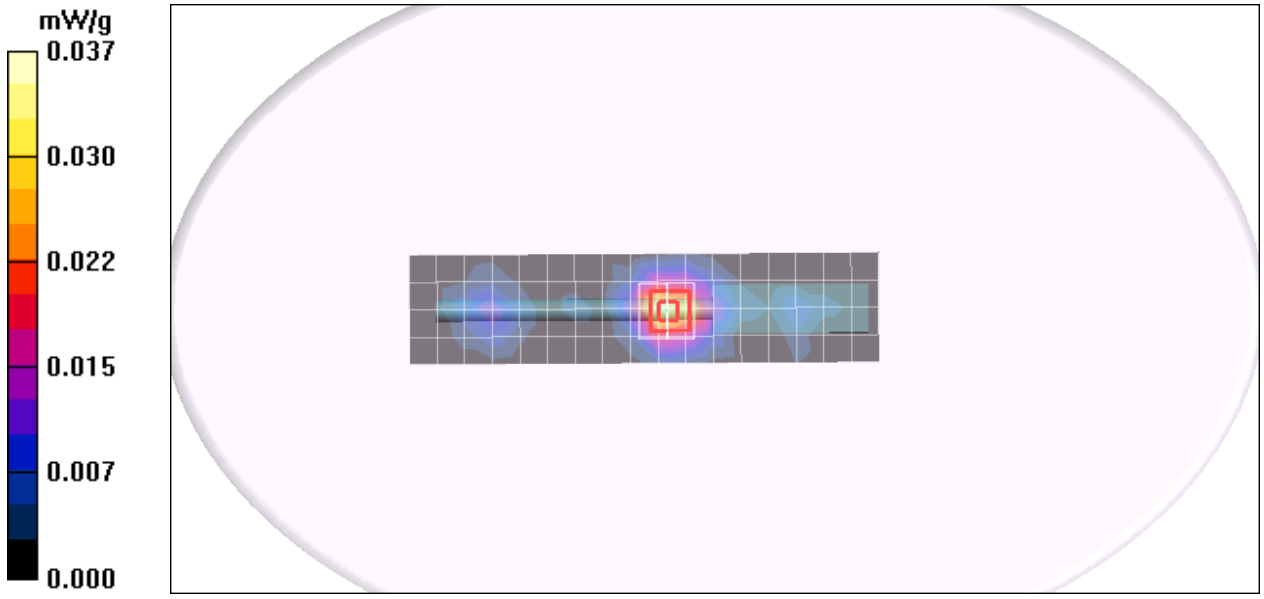
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.036 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.73 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.037 mW/g


mW/g
0.037
0.030
0.022
0.015
0.007
0.000

Date/Time: 05/26/2009 01:39:44 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 270

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

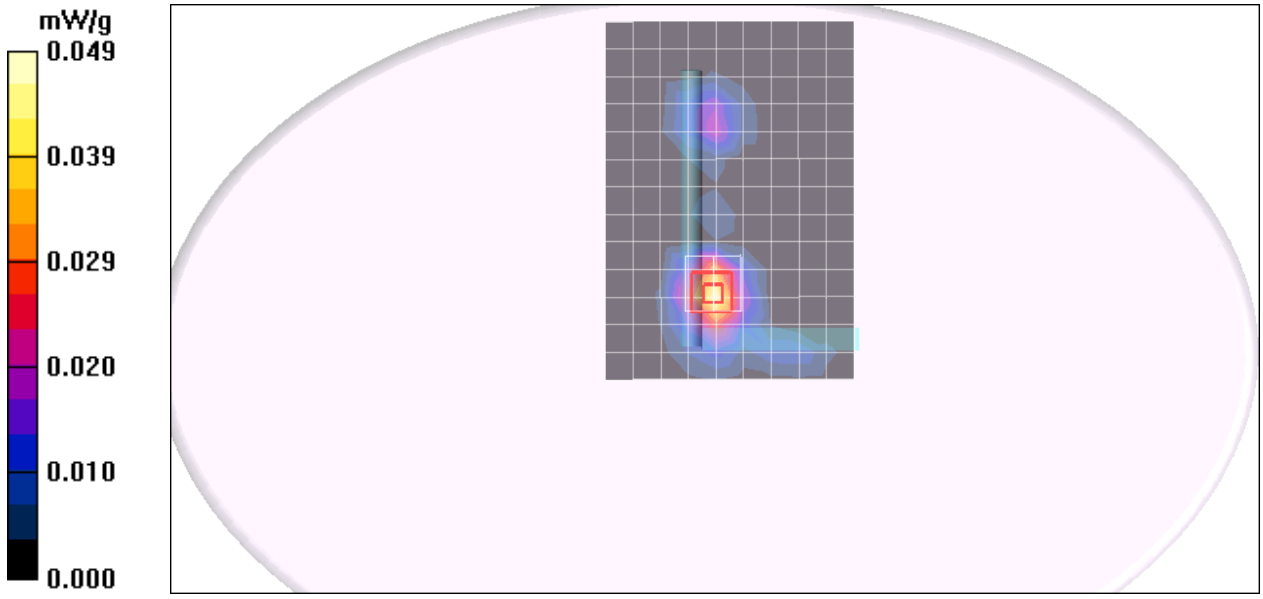
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.048 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.31 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.071 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.049 mW/g


mW/g
0.049
0.039
0.029
0.020
0.010
0.000

Date/Time: 05/26/2009 05:24:38 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n up 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

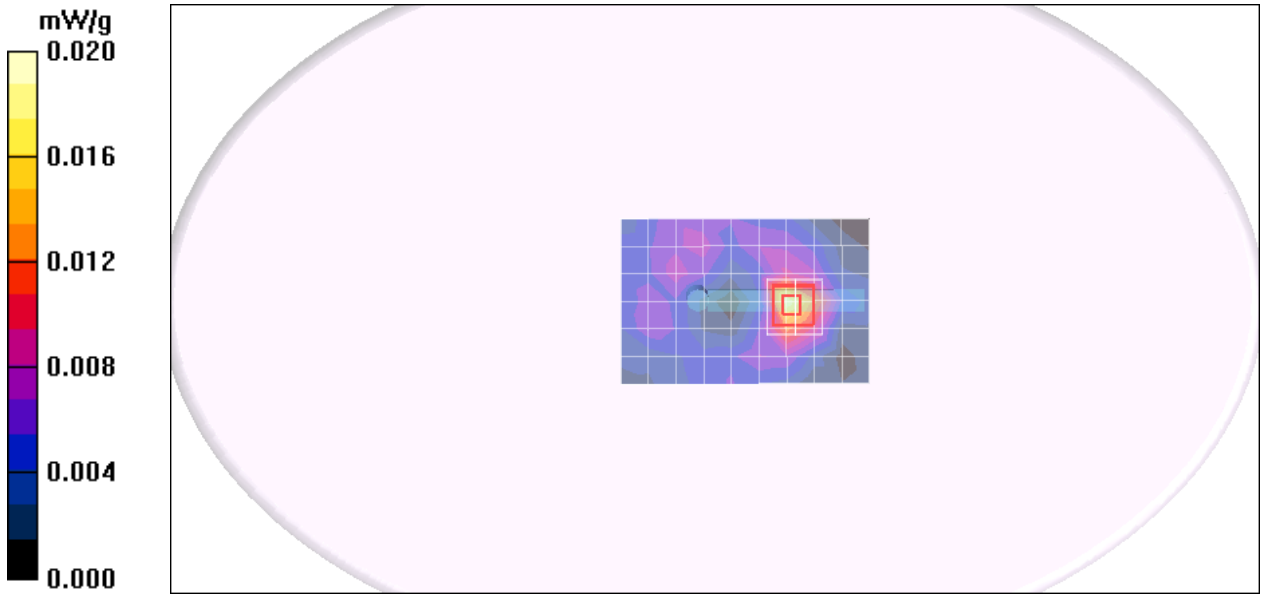
Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 6M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.019 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 0.940 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00626 mW/g
Maximum value of SAR (measured) = 0.020 mW/g


mW/g
0.020
0.016
0.012
0.008
0.004
0.000

Date/Time: 05/26/2009 02:45:34 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n down 90

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

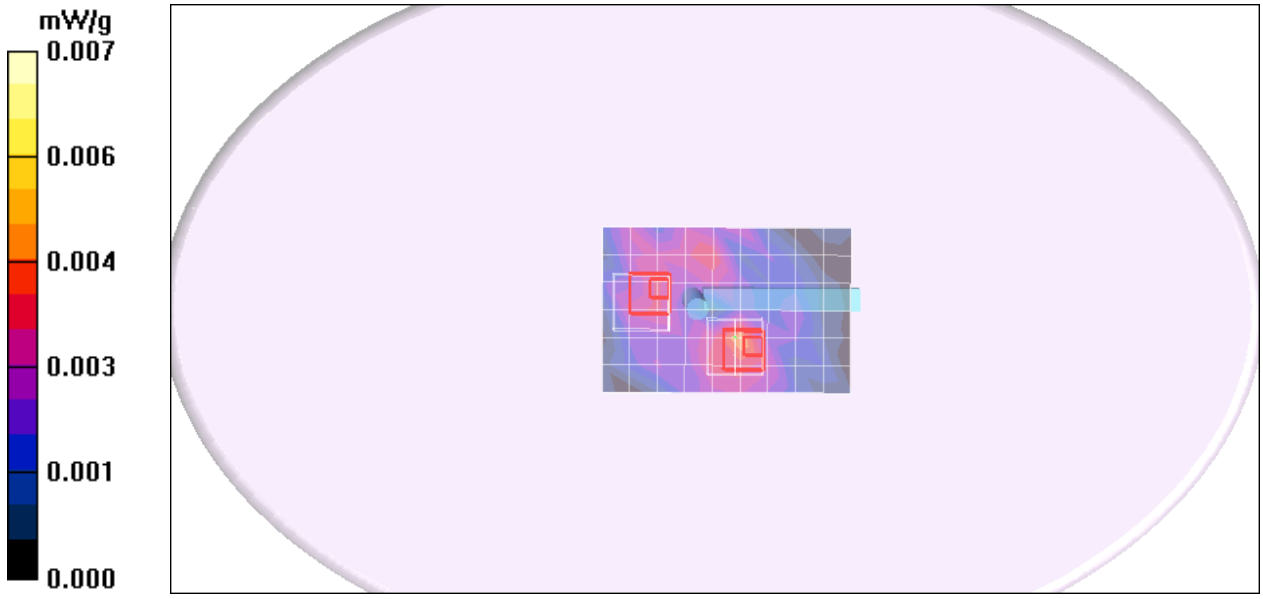
Maximum value of SAR (measured) = 0.005 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.585 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00277 mW/g; SAR(10 g) = 0.00108 mW/g
Maximum value of SAR (measured) = 0.004 mW/g

High CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.585 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.008 W/kg
SAR(1 g) = 0.00225 mW/g; SAR(10 g) = 0.000778 mW/g
Maximum value of SAR (measured) = 0.004 mW/g


mW/g
0.007
0.006
0.004
0.003
0.001
0.000

Date/Time: 05/26/2009 11:15:53 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

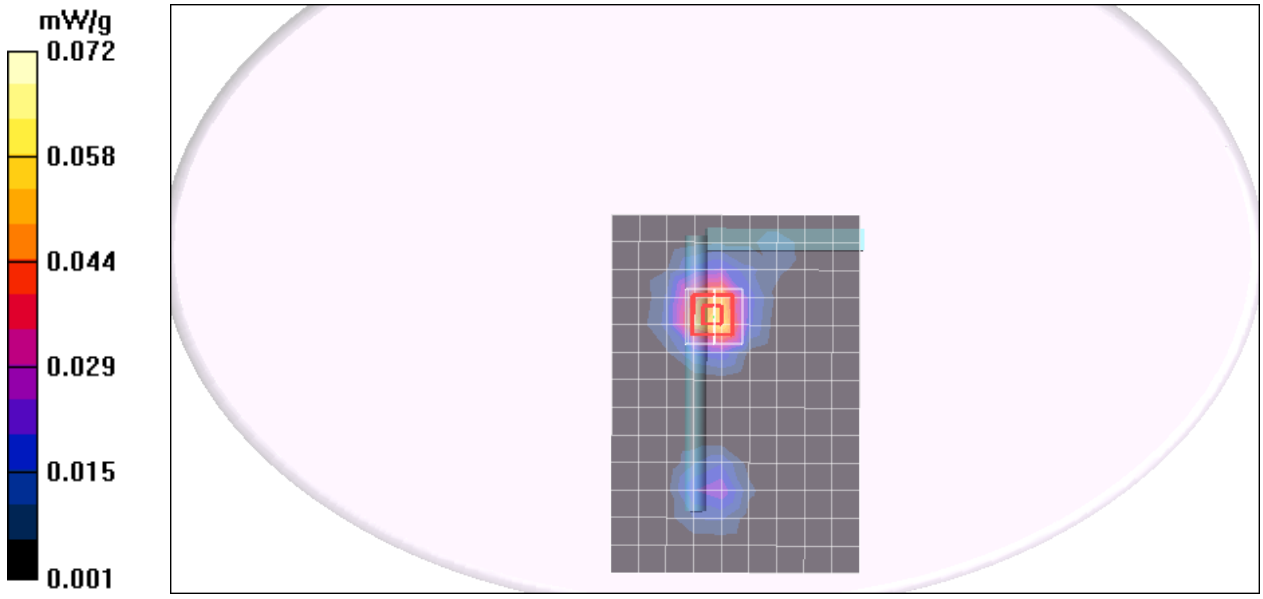
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.061 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.15 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.072 mW/g


mW/g
0.072
0.058
0.044
0.029
0.015
0.001

Date/Time: 05/26/2009 12:50:12 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 180 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

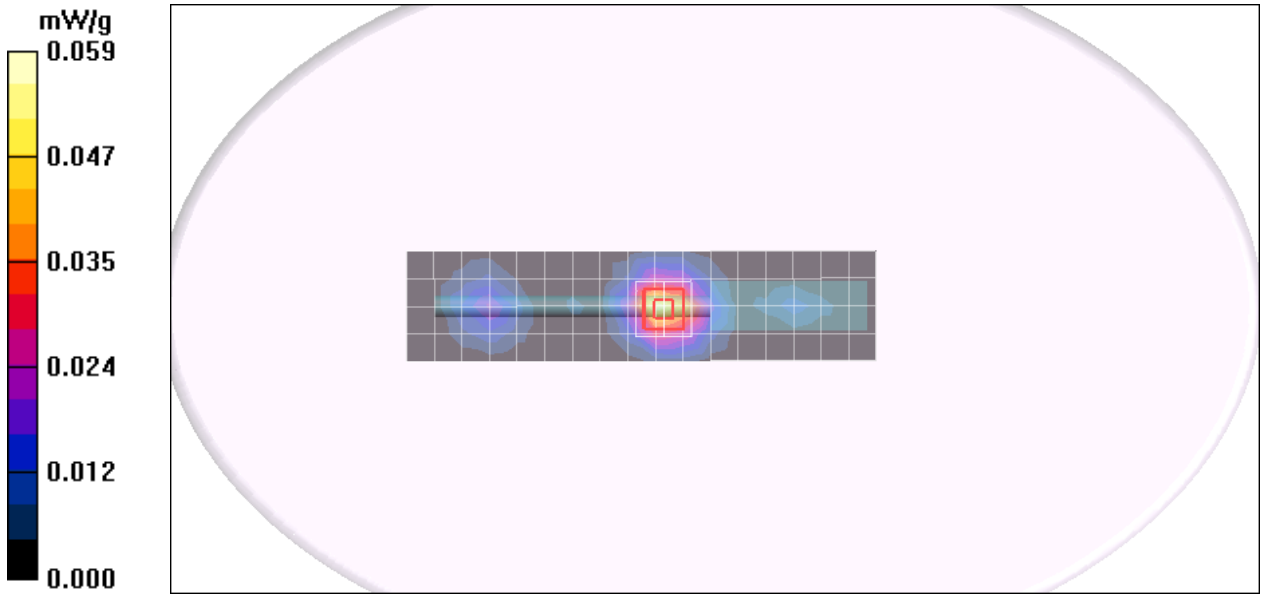
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.056 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.09 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.059 mW/g


mW/g
0.059
0.047
0.035
0.024
0.012
0.000

Date/Time: 05/26/2009 02:13:36 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 270 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

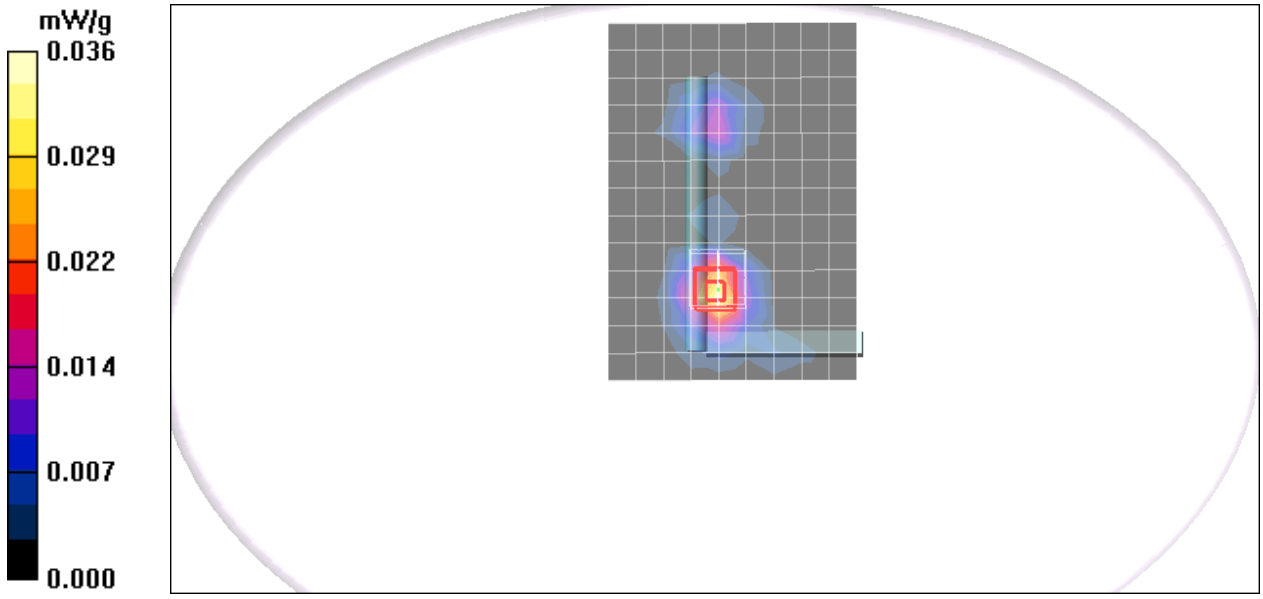
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.034 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.75 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.036 mW/g


mW/g
0.036
0.029
0.022
0.014
0.007
0.000

Date/Time: 05/26/2009 05:52:09 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n up 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

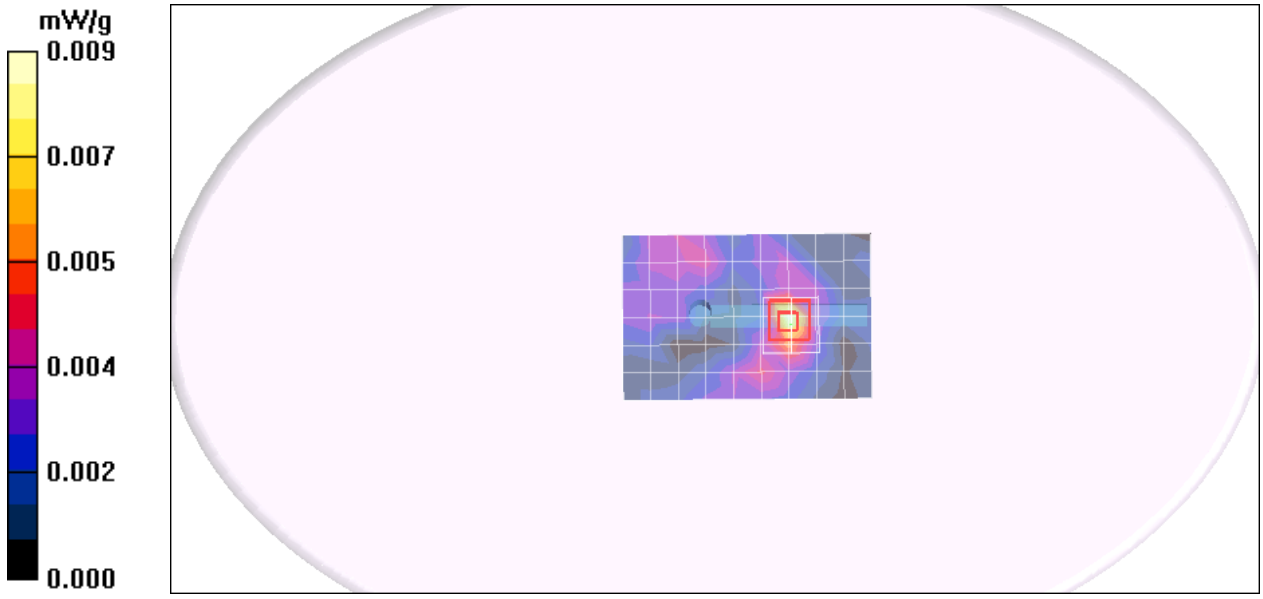
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 0.009 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.488 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.00584 mW/g; SAR(10 g) = 0.00235 mW/g
Maximum value of SAR (measured) = 0.009 mW/g


mW/g
0.009
0.007
0.005
0.004
0.002
0.000

Date/Time: 05/26/2009 03:25:33 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n down 90 HT20

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

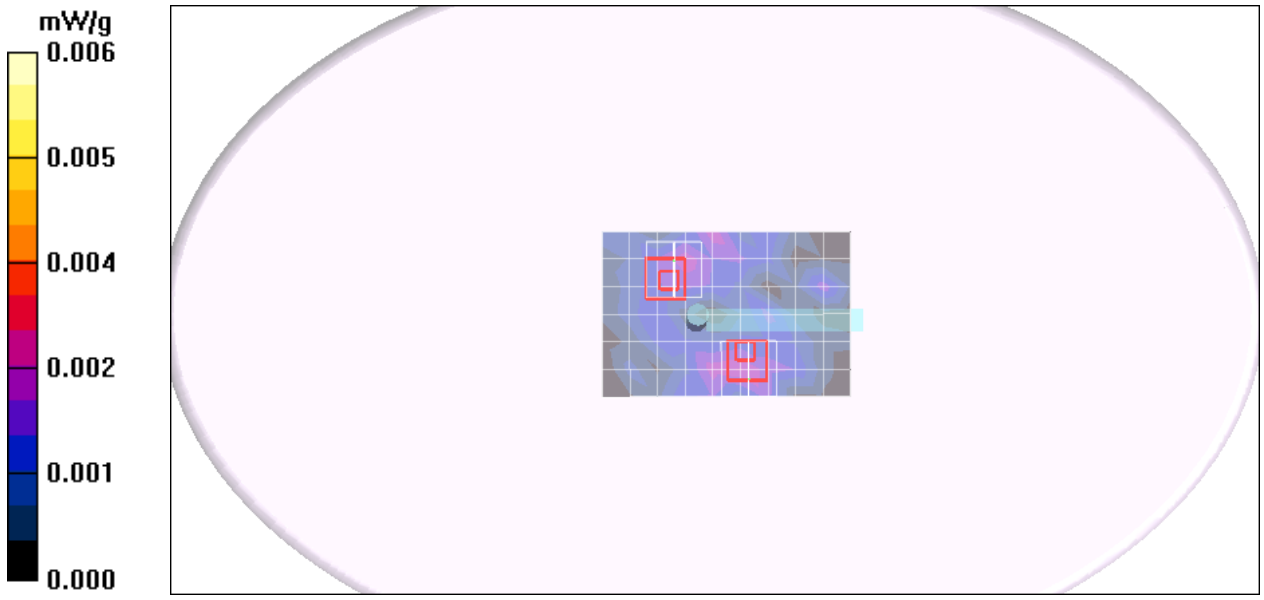
Maximum value of SAR (measured) = 0.002 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.467 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.009 W/kg
SAR(1 g) = 0.00108 mW/g; SAR(10 g) = 0.000474 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.467 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.010 W/kg
SAR(1 g) = 0.000823 mW/g; SAR(10 g) = 0.000309 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.006
0.005
0.004
0.002
0.001
0.000

Date/Time: 05/26/2009 11:51:00 AM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

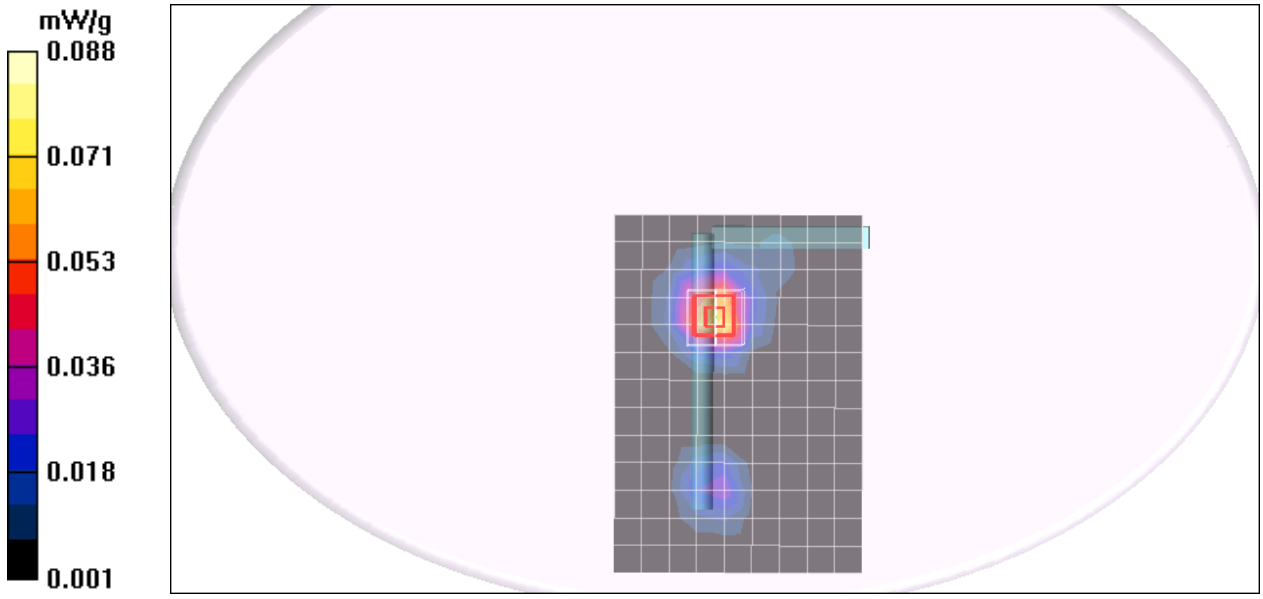
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.075 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.29 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.088 mW/g


mW/g
0.088
0.071
0.053
0.036
0.018
0.001

Date/Time: 05/26/2009 01:15:19 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 180 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

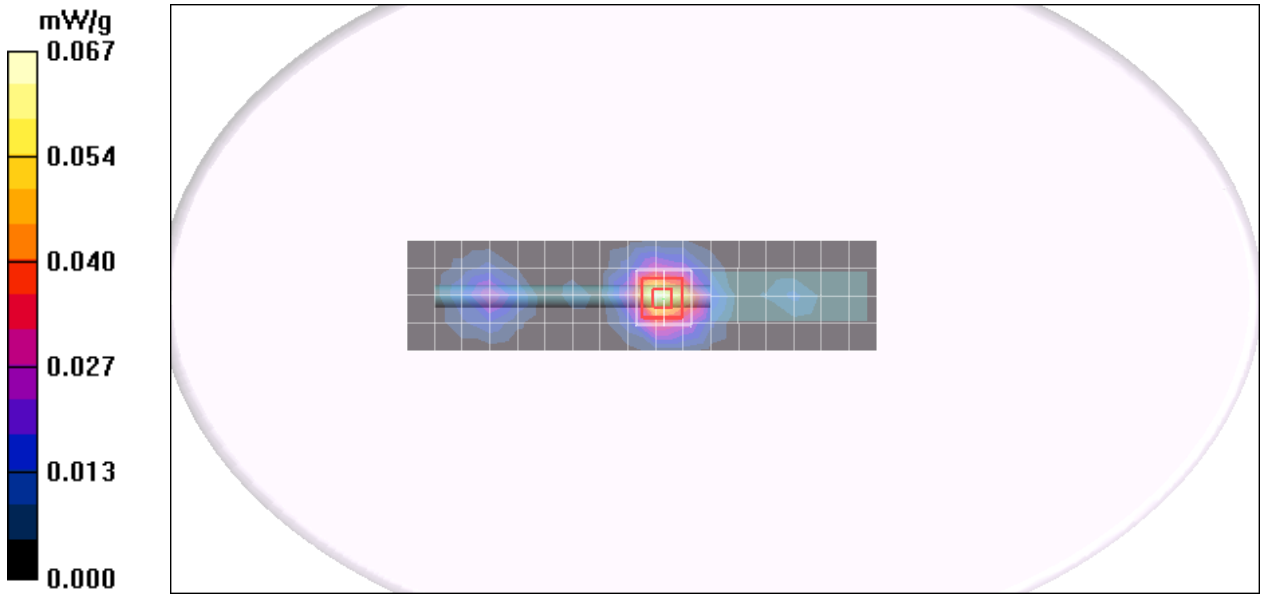
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (5x18x1): Measurement grid: dx=15mm, dy=15mm

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

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.08 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.095 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.067 mW/g


mW/g
0.067
0.054
0.040
0.027
0.013
0.000

Date/Time: 05/26/2009 02:44:33 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n 270 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

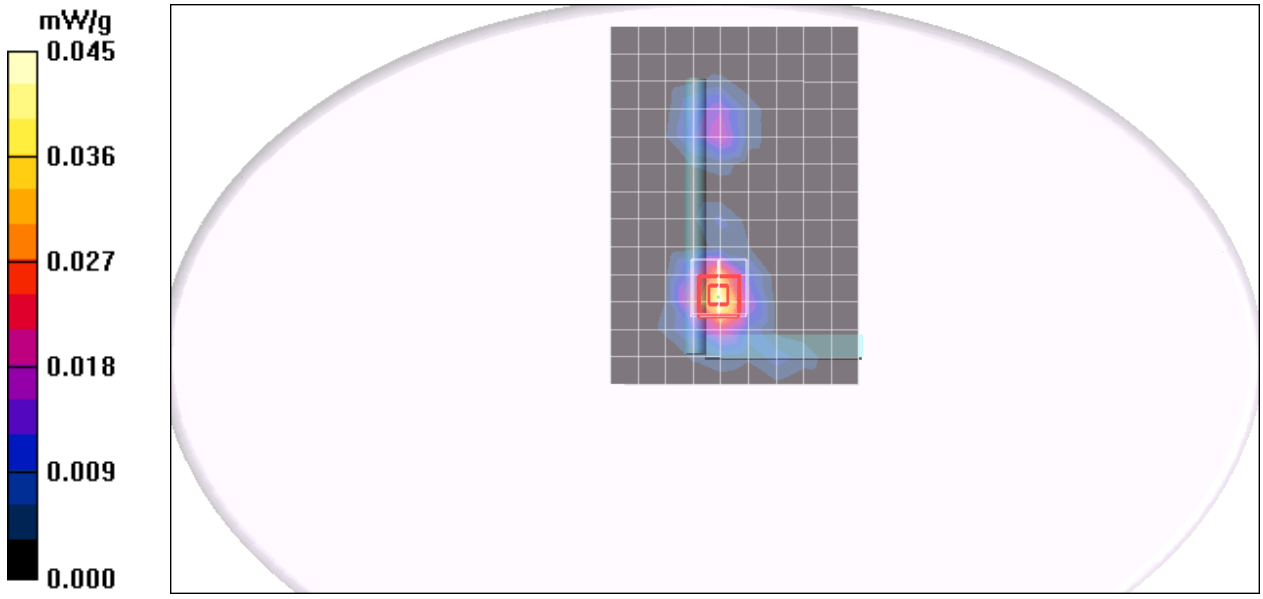
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (14x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.043 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.03 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.045 mW/g


mW/g
0.045
0.036
0.027
0.018
0.009
0.000

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Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n up 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

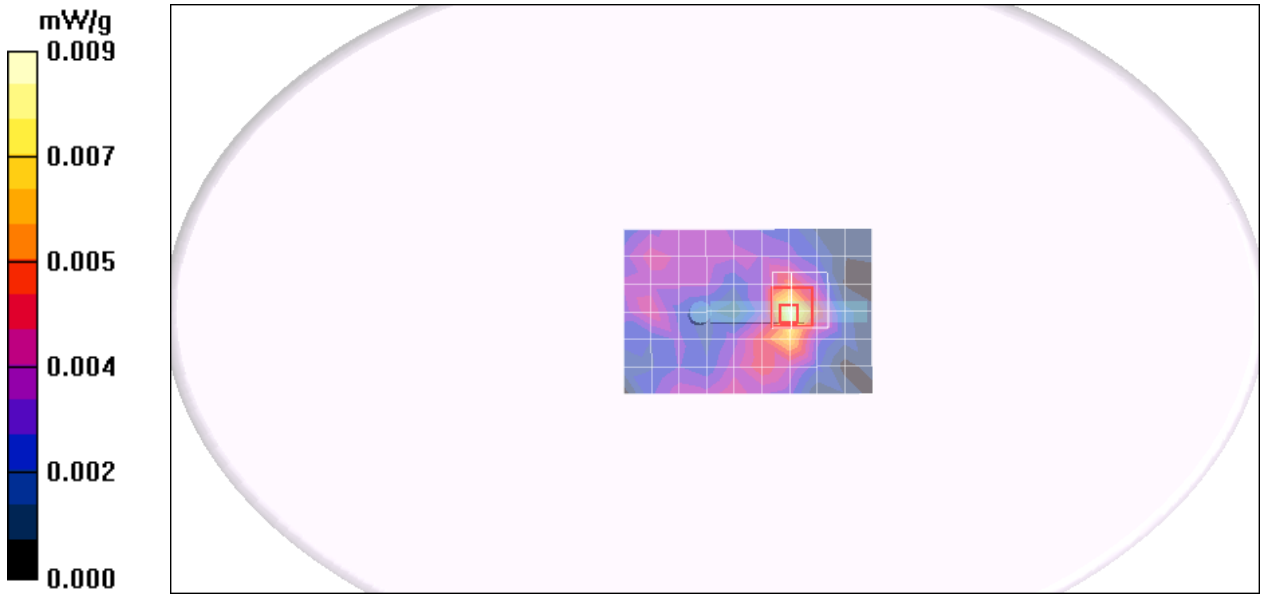
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 0.009 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.539 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00623 mW/g; SAR(10 g) = 0.00272 mW/g
Maximum value of SAR (measured) = 0.009 mW/g


mW/g
0.009
0.007
0.005
0.004
0.002
0.000

Date/Time: 05/26/2009 04:07:44 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Vertical Back mode WiQueen-U23n down 90 HT40

DUT: WiQueen-U23n; Type: 802.11n WLAN USB Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.98 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

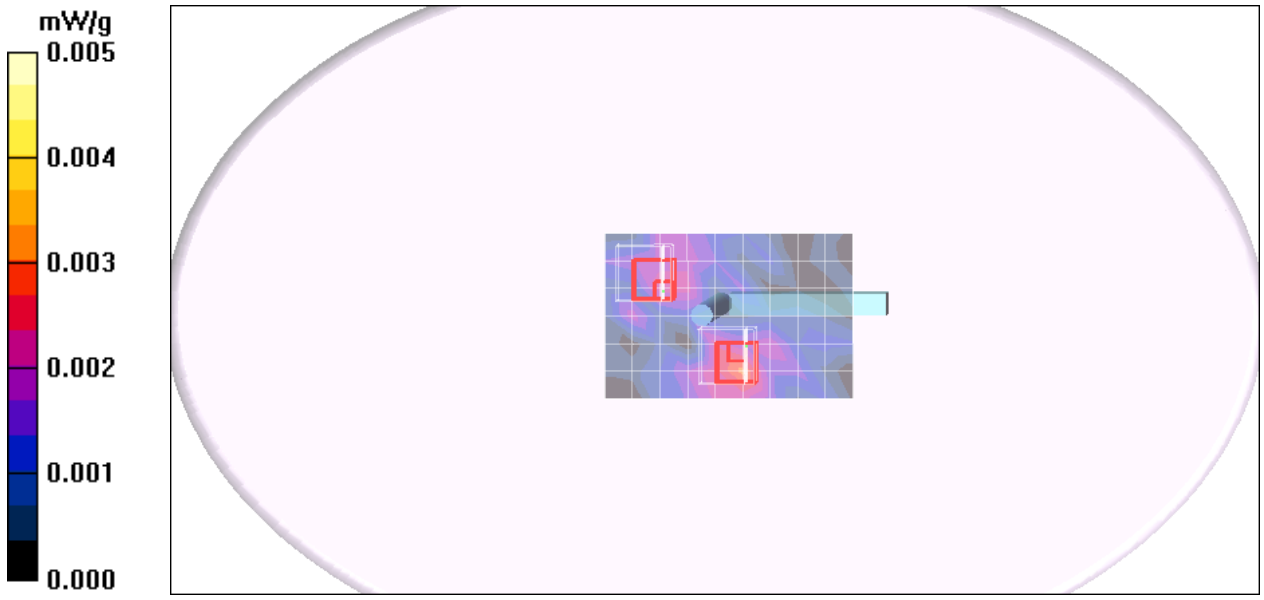
Maximum value of SAR (measured) = 0.003 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.361 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.000953 mW/g; SAR(10 g) = 0.000303 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.361 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.006 W/kg
SAR(1 g) = 0.000366 mW/g; SAR(10 g) = 0.000104 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.005
0.004
0.003
0.002
0.001
0.000