

Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH1 1M/Area Scan (6x11x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.880 mW/g

Low CH1 1M/Zoom Scan (7x7x9)/Cube 0:

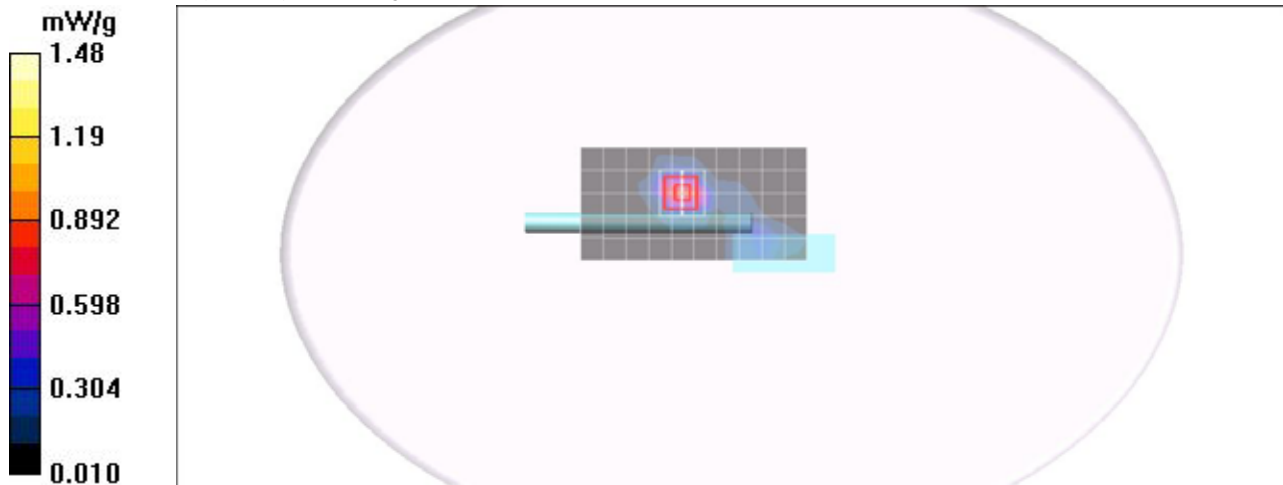
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.94 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

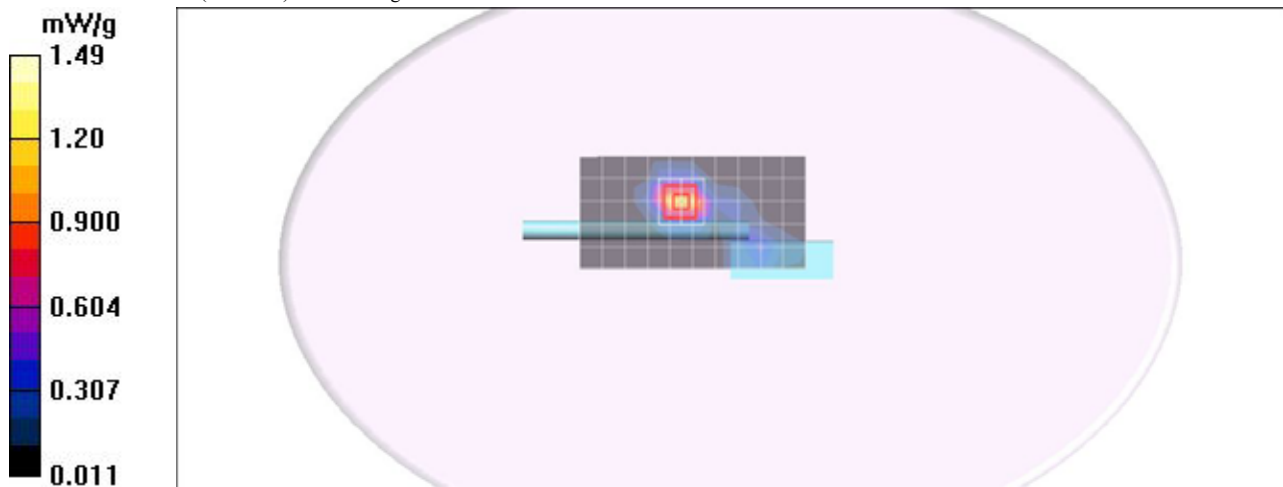
- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH6 1M/Area Scan (6x11x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.20 mW/g

Middle CH6 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.14 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 1.40 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (6x15x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.990 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

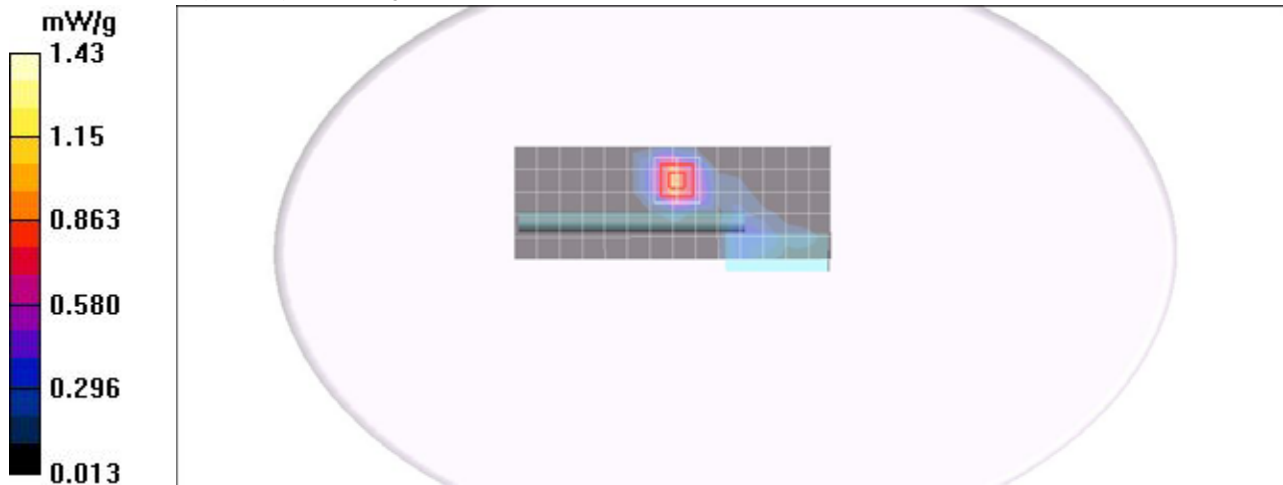
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 11.0 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.448 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (7x7x1):

Measurement grid: dx=15mm, dy=15mm

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

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.26 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.107 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 1:

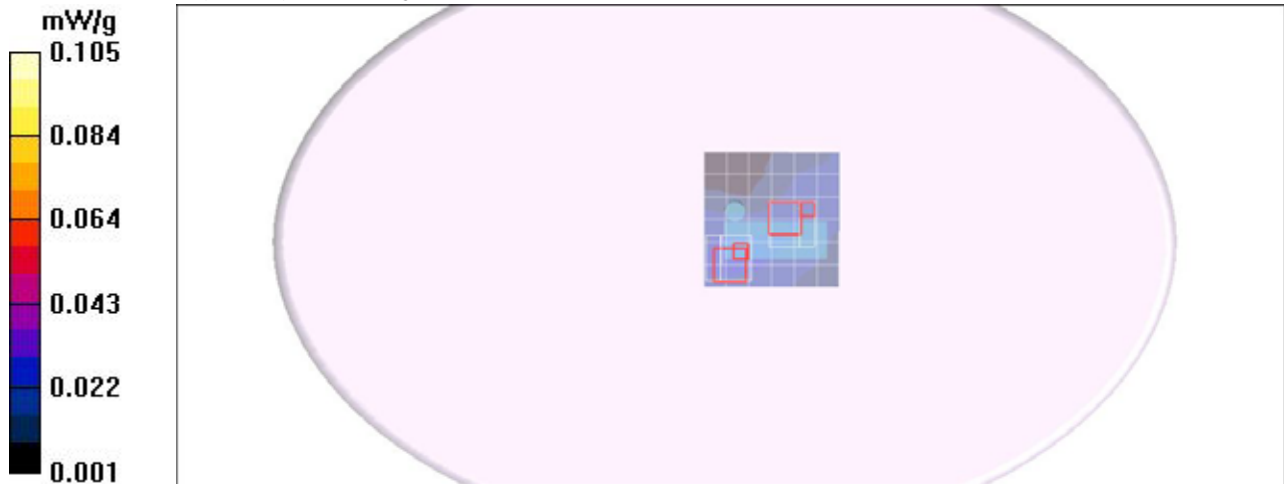
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.26 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Down mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (7x7x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.338 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

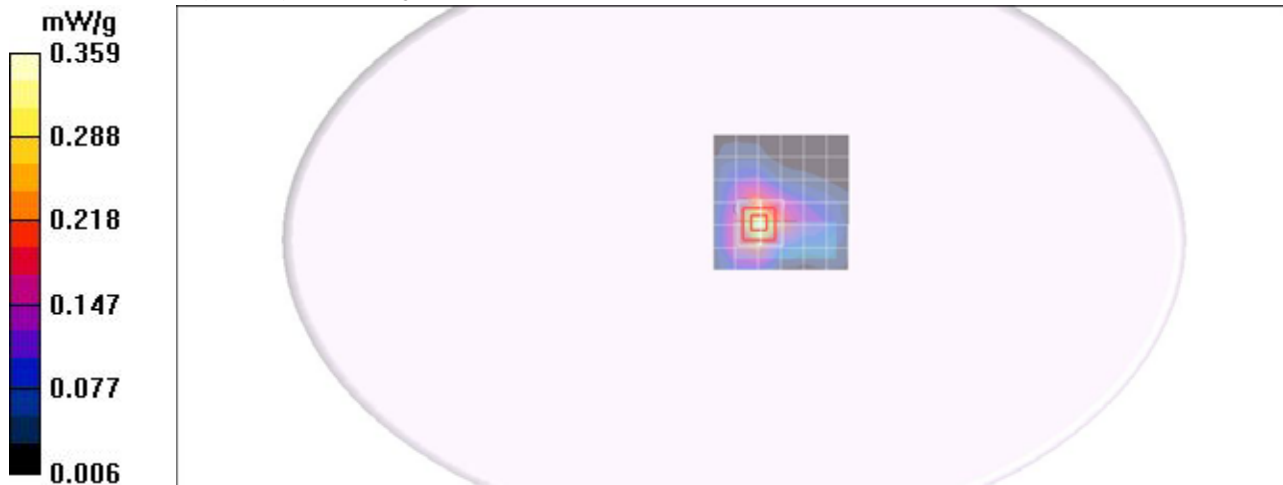
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.11 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.339 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (6x12x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.993 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

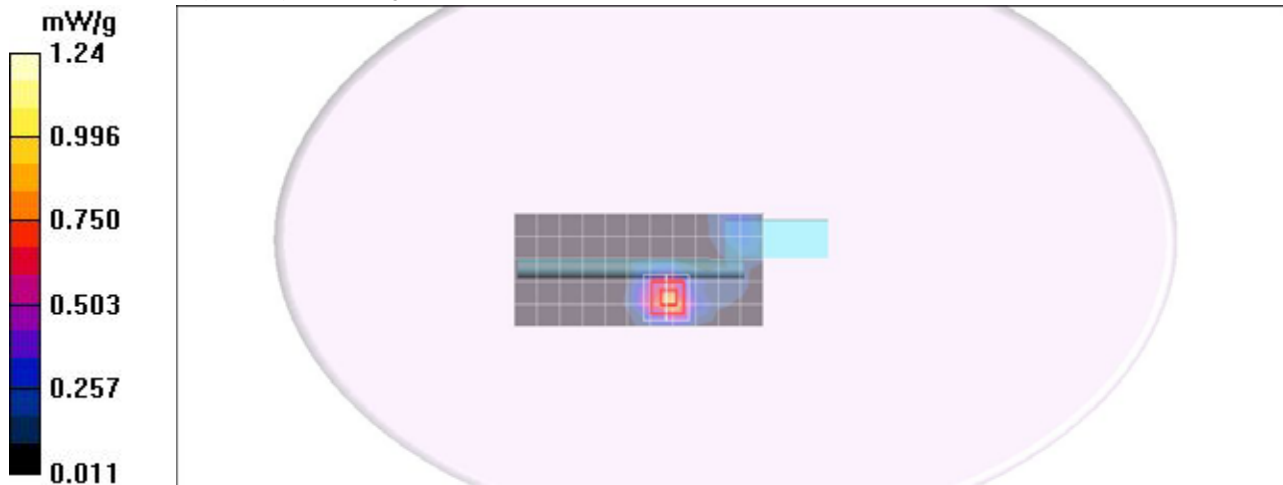
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.90 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (8x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.036 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

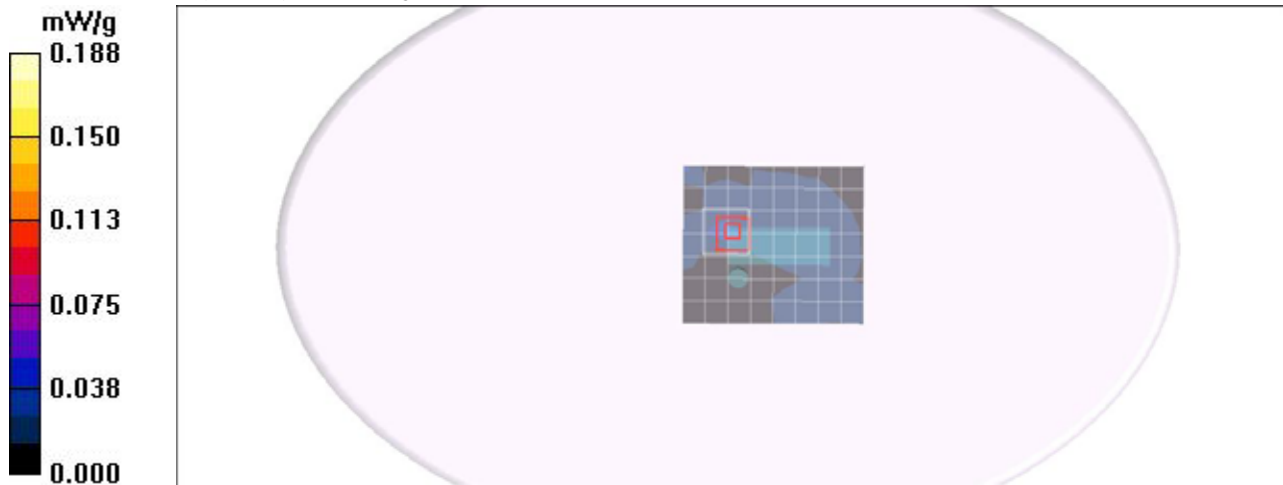
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.46 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = **0.026 mW/g**; SAR(10 g) = **0.012 mW/g**

Maximum value of SAR (measured) = 0.040 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Horizontal Up mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (7x7x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.242 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.80 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.326 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 1:

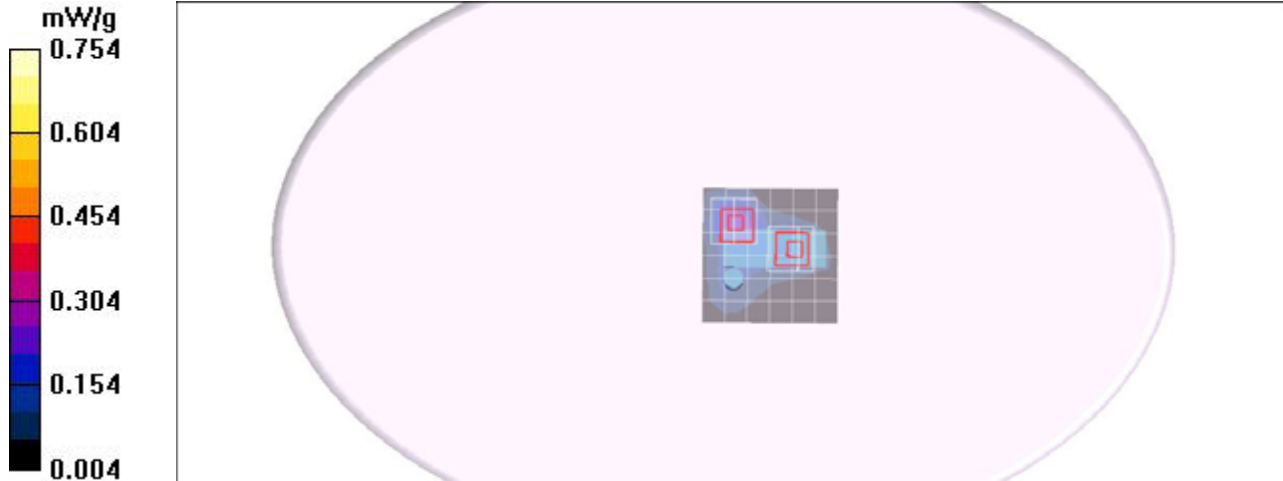
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.80 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.224 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (6x10x1):

Measurement grid: dx=15mm, dy=15mm

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

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

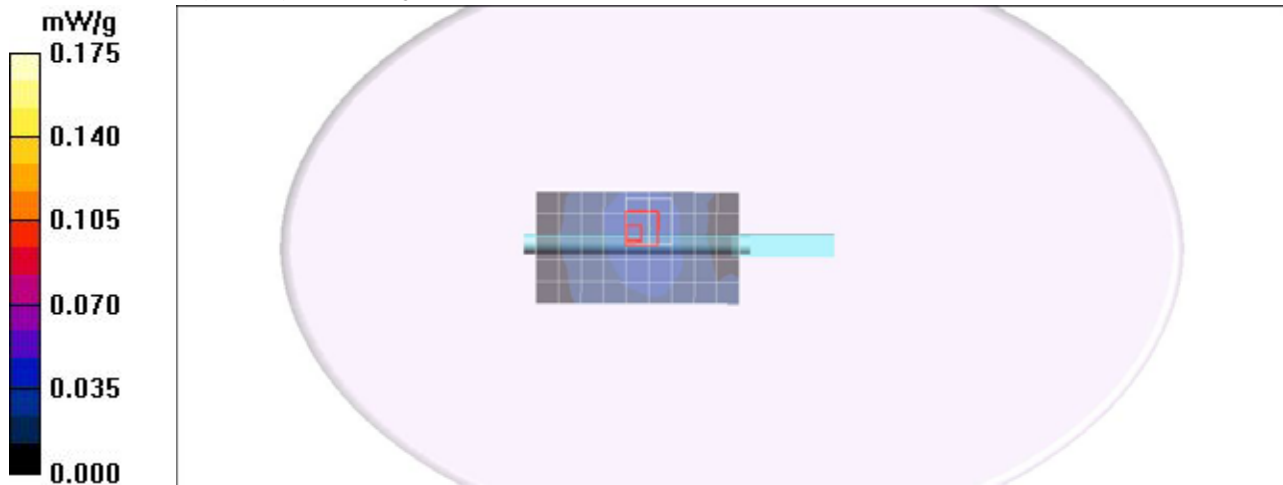
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.12 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Front mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (8x7x1):

Measurement grid: dx=15mm, dy=15mm

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

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.65 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = **0.081 mW/g**; SAR(10 g) = **0.038 mW/g**

Maximum value of SAR (measured) = 0.113 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 1:

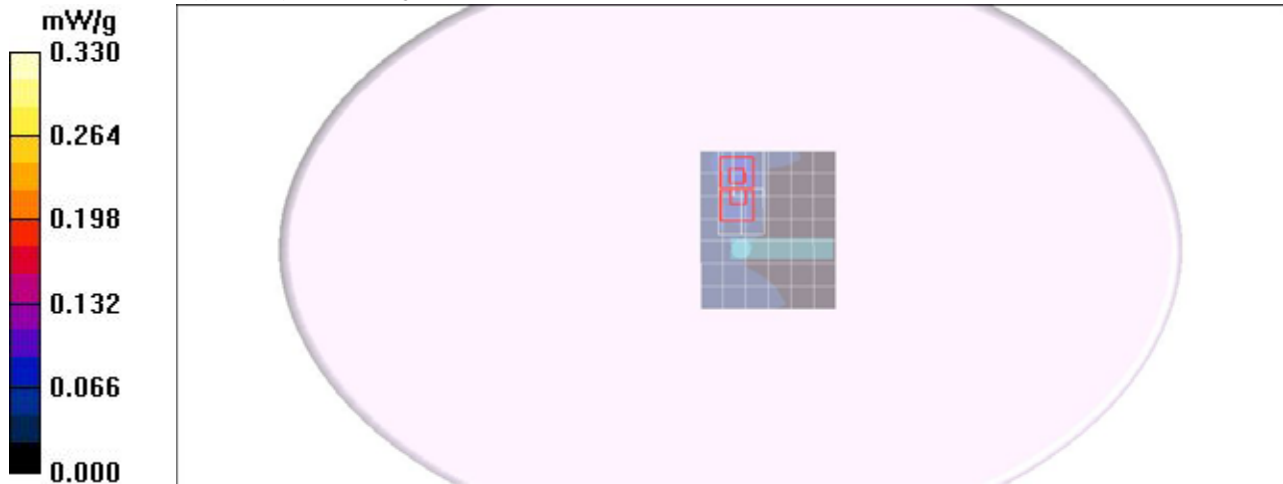
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.65 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = **0.058 mW/g**; SAR(10 g) = **0.026 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH1 1M/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.06 mW/g

Low CH1 1M/Zoom Scan (7x7x9)/Cube 0:

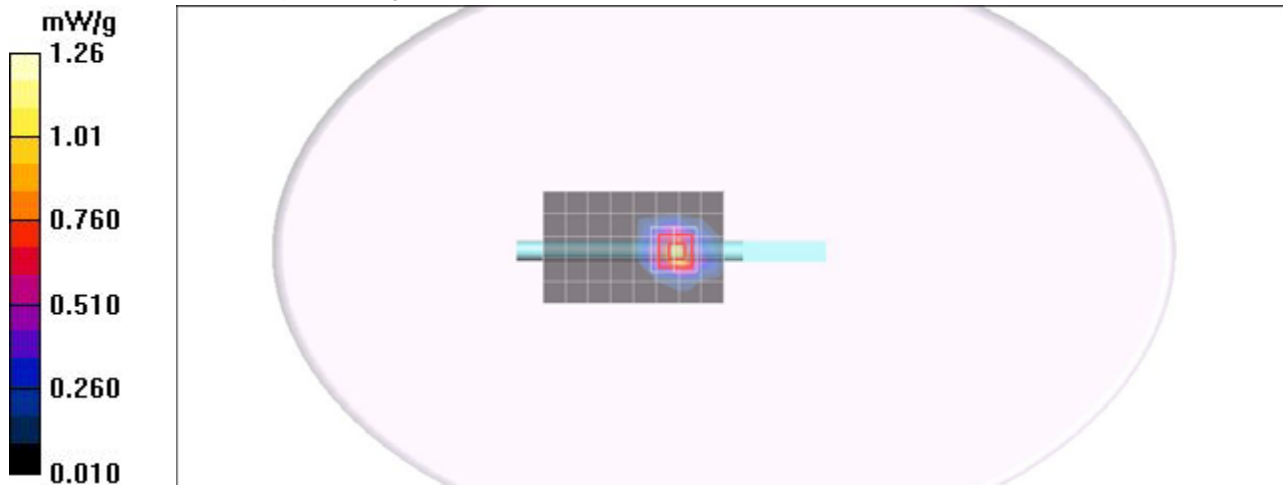
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.67 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.389 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

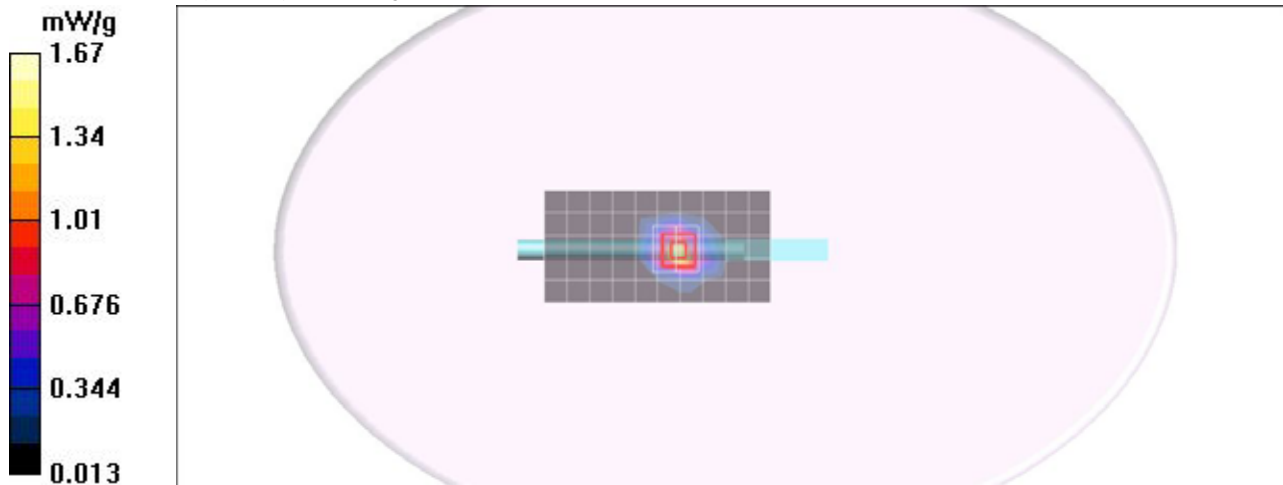
- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH6 1M/Area Scan (6x11x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.41 mW/g

Middle CH6 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.35 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.521 mW/g
Maximum value of SAR (measured) = 1.67 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (6x11x1):

Measurement grid: dx=15mm, dy=15mm

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

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

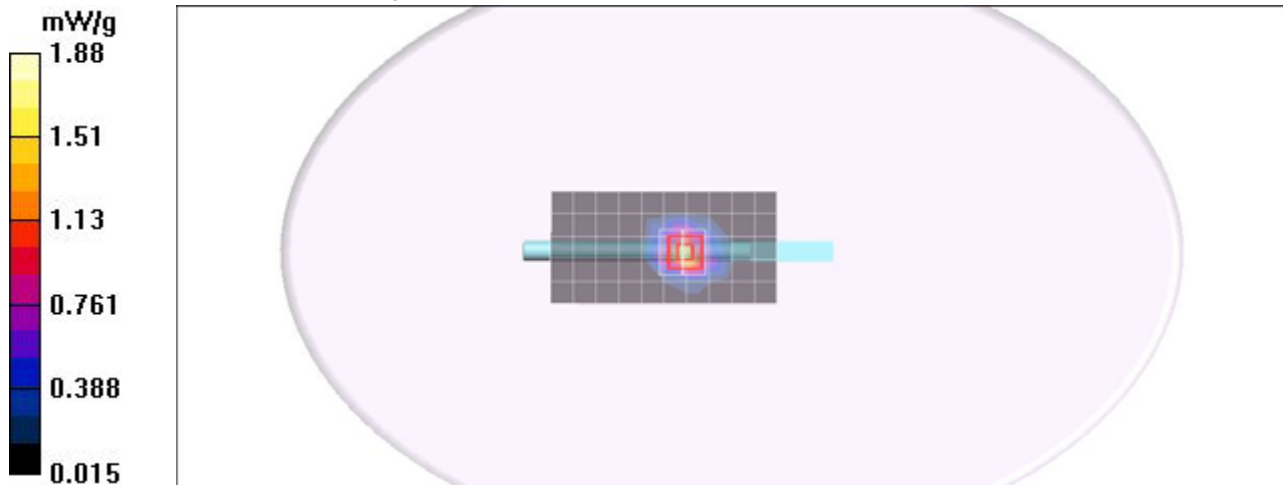
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.66 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 2.94 W/kg

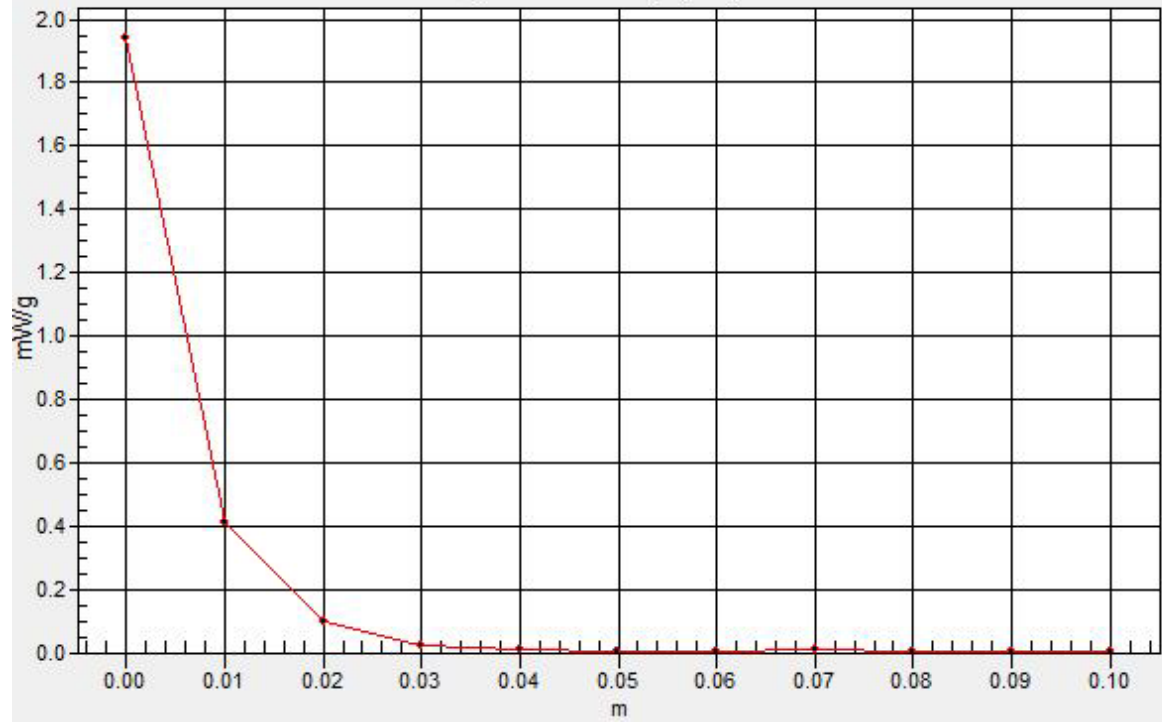
SAR(1 g) = **1.300 mW/g**; SAR(10 g) = 0.577 mW/g

Maximum value of SAR (measured) = 1.88 mW/g



SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (11x8x1):

Measurement grid: dx=15mm, dy=15mm

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

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

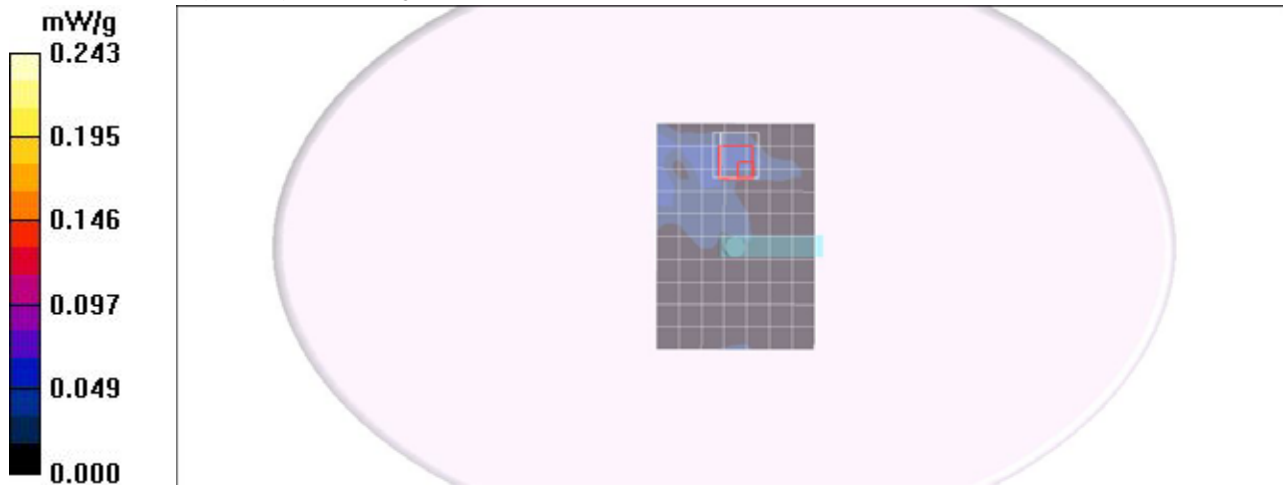
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.26 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = **0.012 mW/g**; SAR(10 g) = **0.00282 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

80211b Vertical Back mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.47, 7.47, 7.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH11 1M/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.86 mW/g

High CH11 1M/Zoom Scan (7x7x9)/Cube 0:

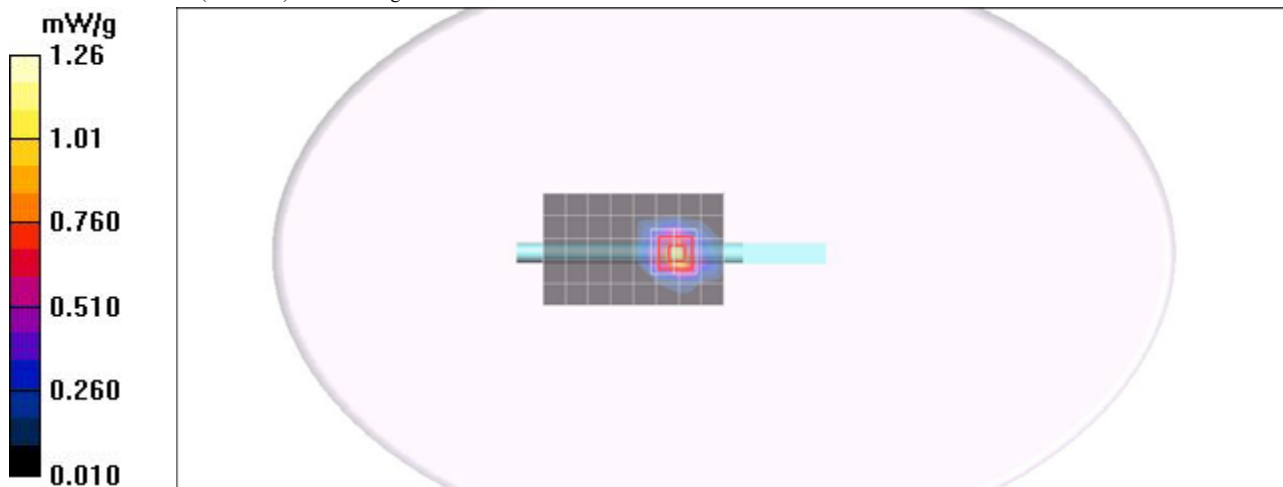
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.7 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.86 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Down mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

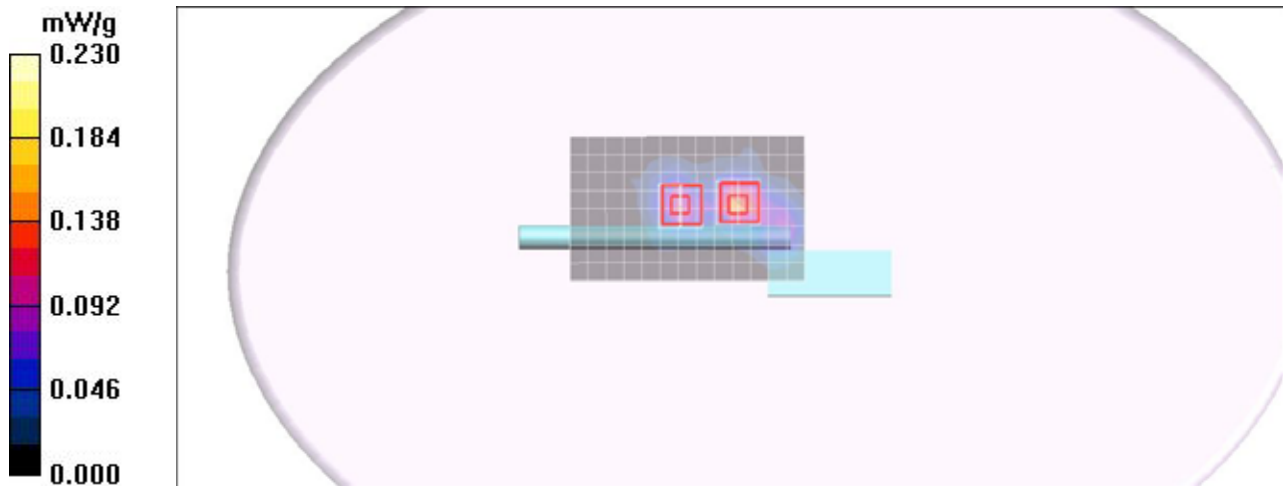
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.161 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.10 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.177 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.10 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



Test Laboratory: The name of your organization

80211a Horizontal Down mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

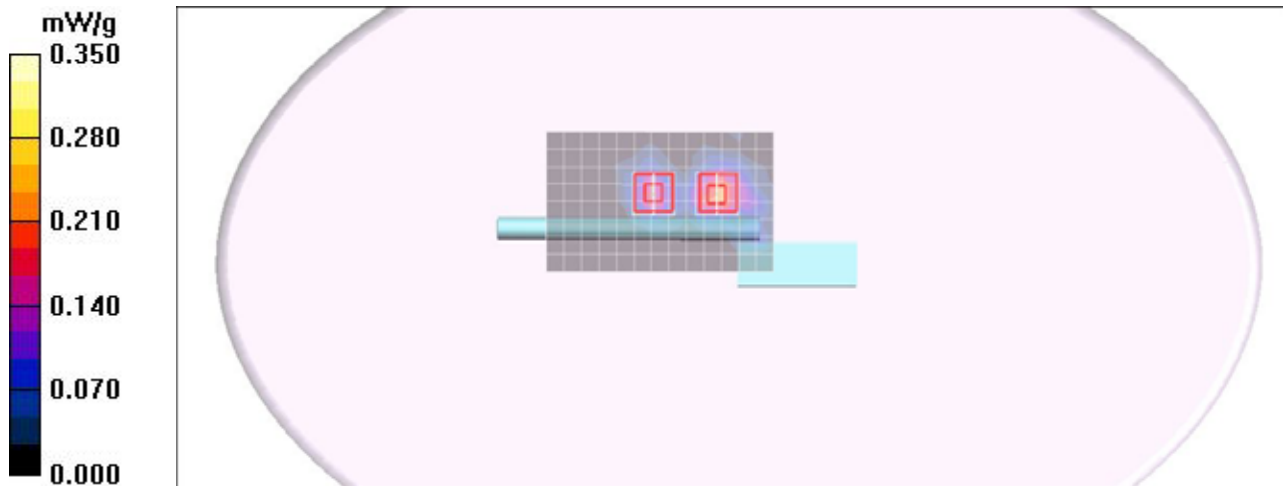
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.243 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.969 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.555 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.277 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.969 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.213 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Down mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5220$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.066 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.45 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00547 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Down mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

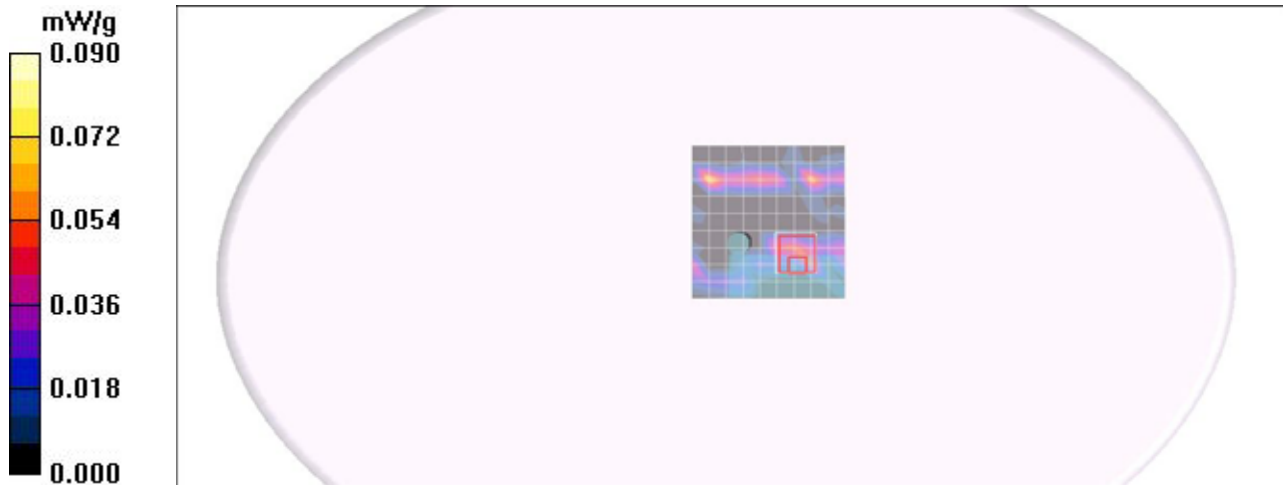
- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.069 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.232 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 0.088 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00232 mW/g
Maximum value of SAR (measured) = 0.075 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Down mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5220$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

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

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.46 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.071 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Down mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

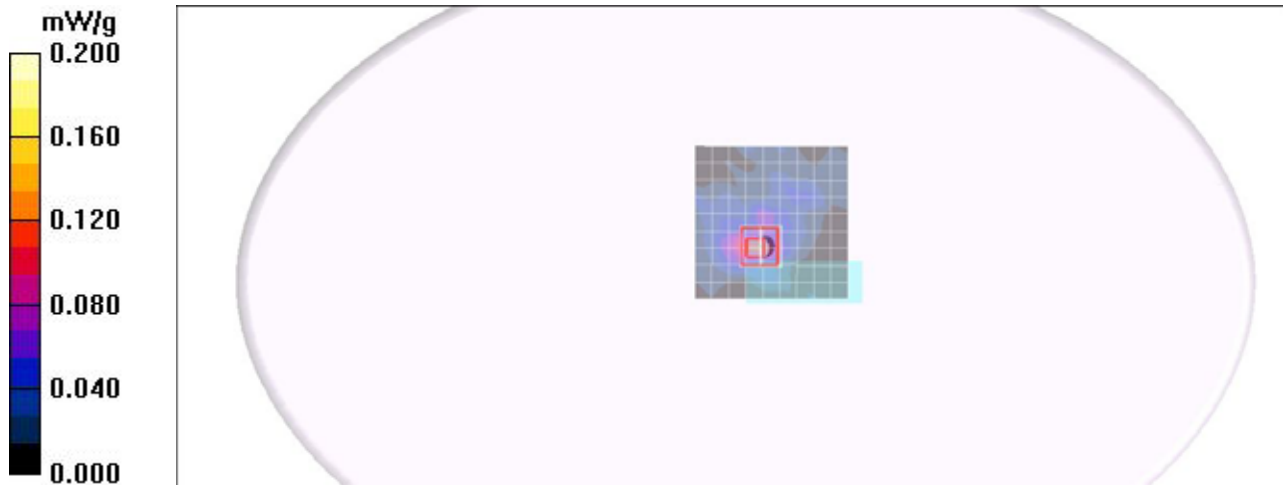
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.119 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.61 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Up mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

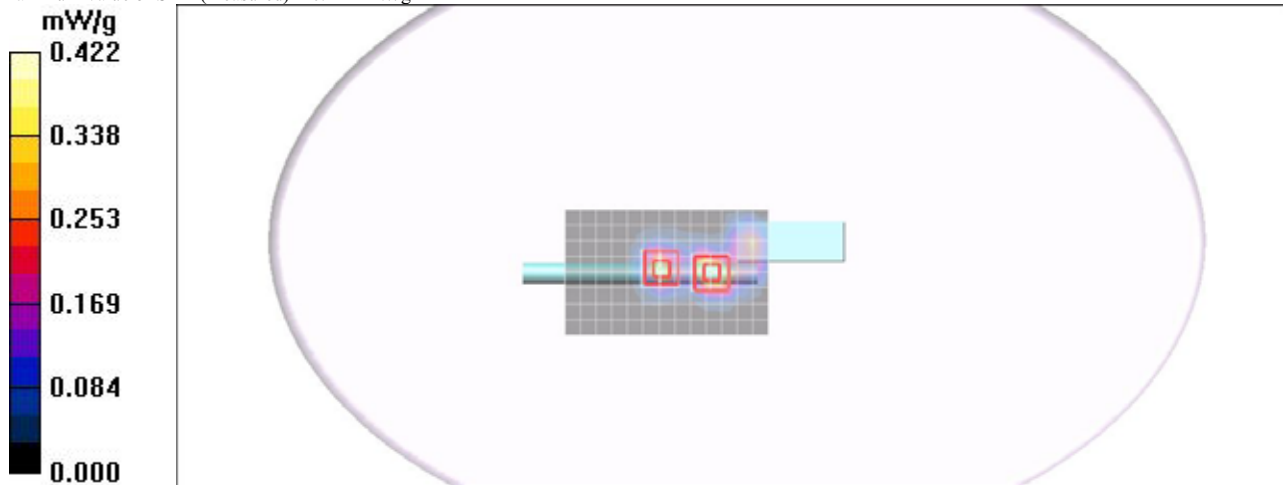
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.524 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.05 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.584 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.05 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.422 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Up mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Fix Surface) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (8x13x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.572 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.17 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = **0.484 mW/g**; SAR(10 g) = **0.161 mW/g**

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

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 1:

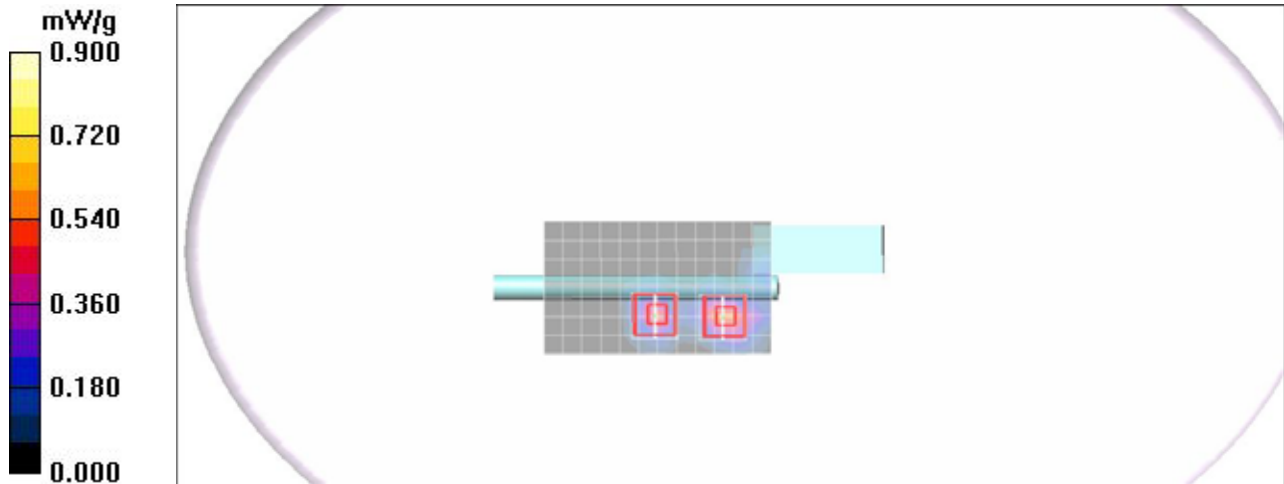
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.17 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = **0.350 mW/g**; SAR(10 g) = **0.107 mW/g**

Maximum value of SAR (measured) = 0.624 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Up mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.041 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.15 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.00431 mW/g; SAR(10 g) = 0.00221 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Up mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

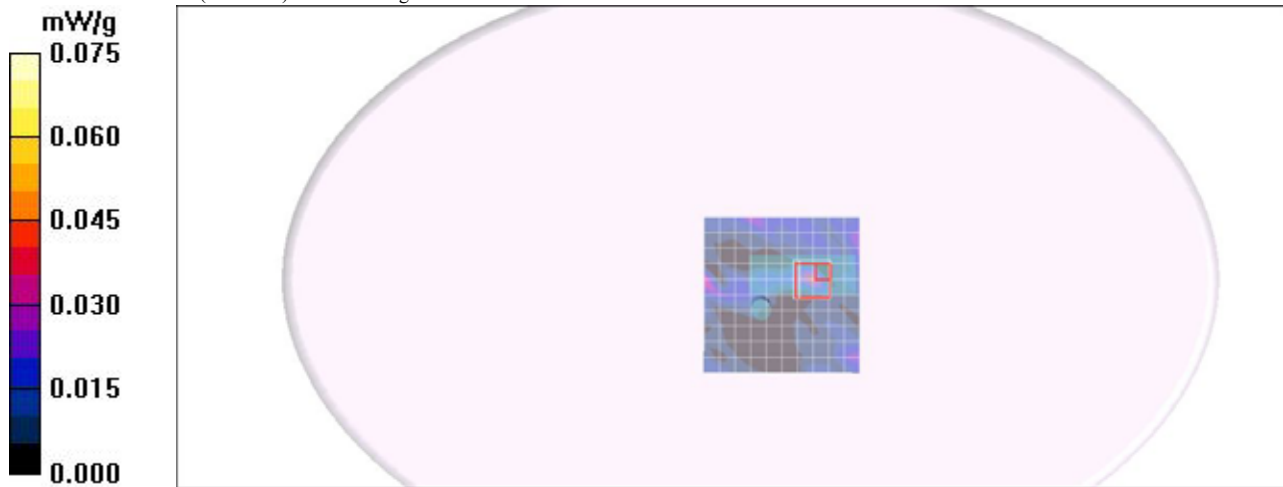
CH149 5745 6M/Area Scan (11x11x1):

Measurement grid: dx=10mm, dy=10mm

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

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.461 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = **0.00598 mW/g**; SAR(10 g) = **0.00197 mW/g**
Maximum value of SAR (measured) = 0.041 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Up mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.68, 3.68, 3.68);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

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

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

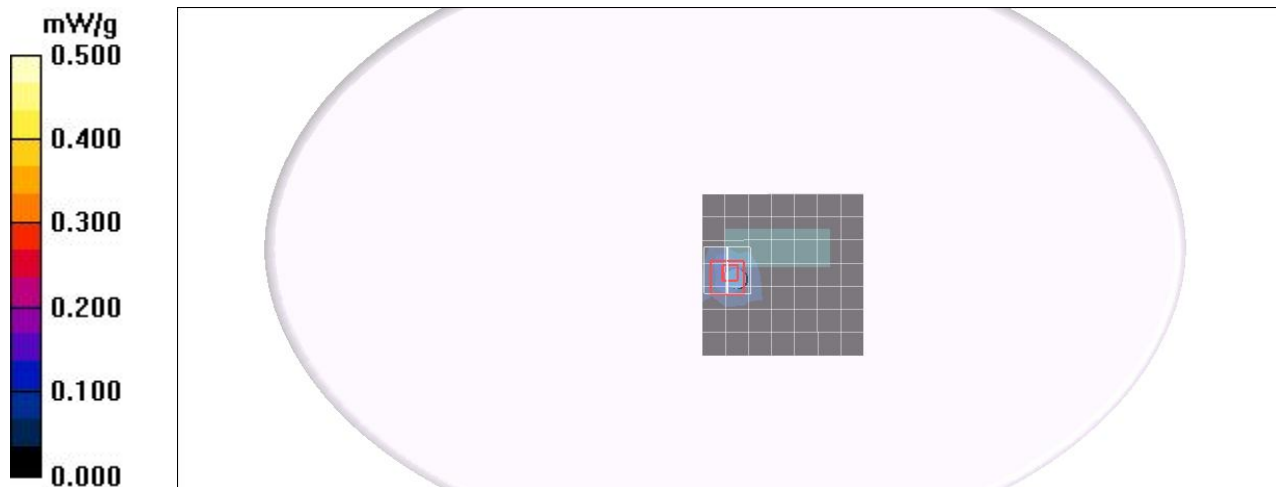
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.7 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.018 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a Horizontal Up mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.18, 3.18, 3.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

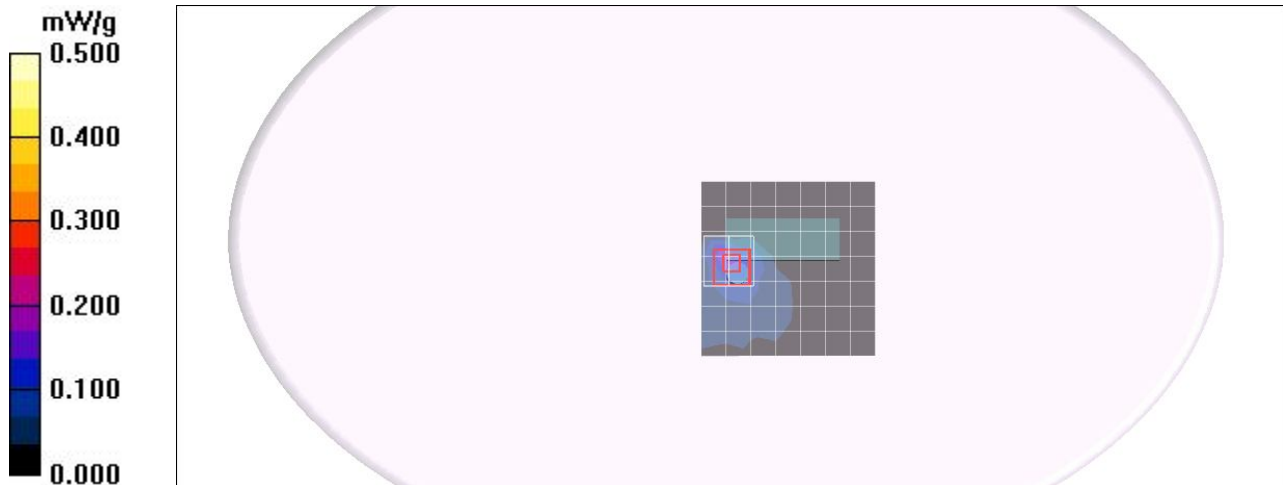
CH149 5745 6M/Area Scan (8x8x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.181 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.43 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.175 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Back mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

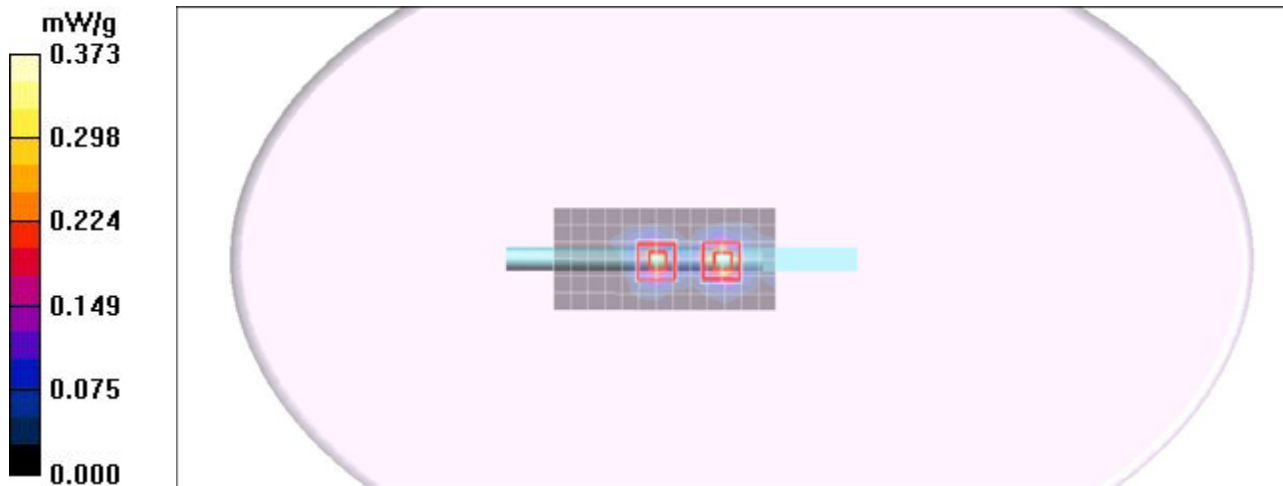
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (7x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.422 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.33 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.413 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.33 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.373 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Back mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Fix Surface) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (8x13x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.396 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.23 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.111 mW/g

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

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 1:

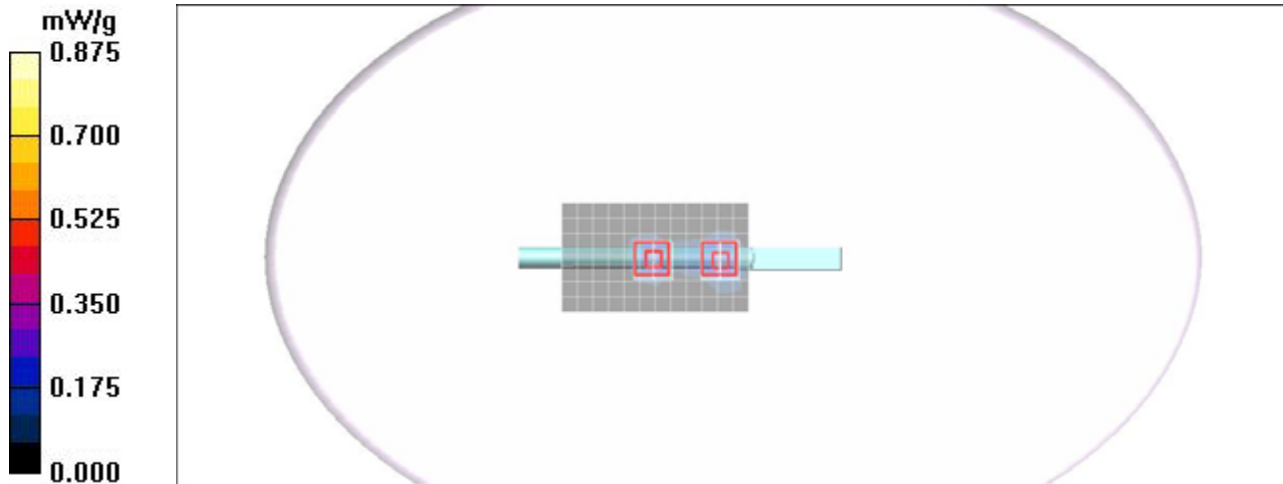
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.23 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.483 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Back mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5220$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (11x12x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.032 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.78 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = **0.00378 mW/g**; SAR(10 g) = **0.0015 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Back mode GW-USFang300 antB Down90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

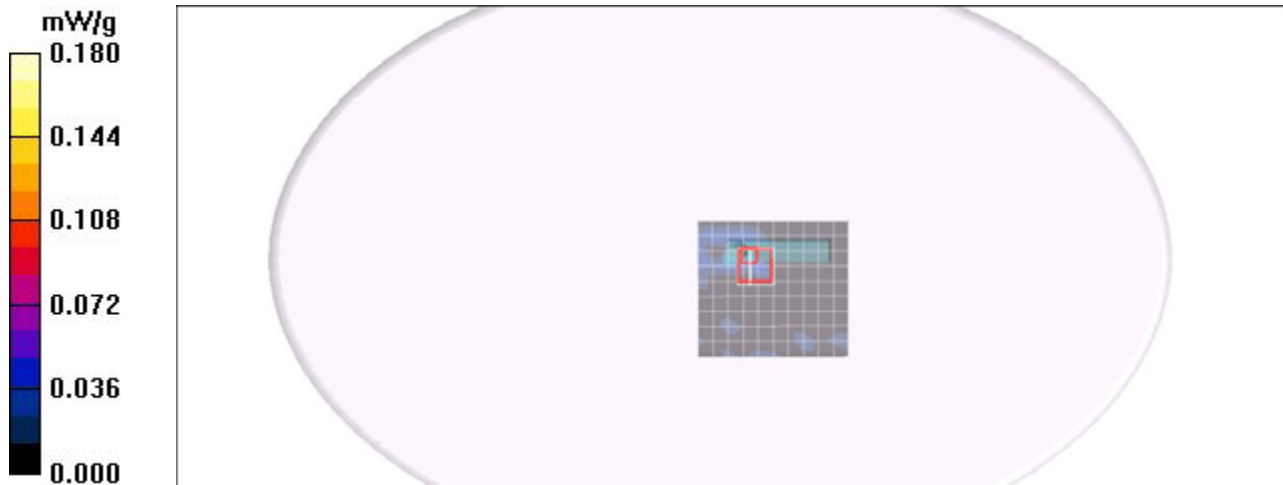
- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (10x11x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.046 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.413 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.077 W/kg
SAR(1 g) = **0.012 mW/g**; SAR(10 g) = **0.00348 mW/g**
Maximum value of SAR (measured) = 0.074 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Front mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

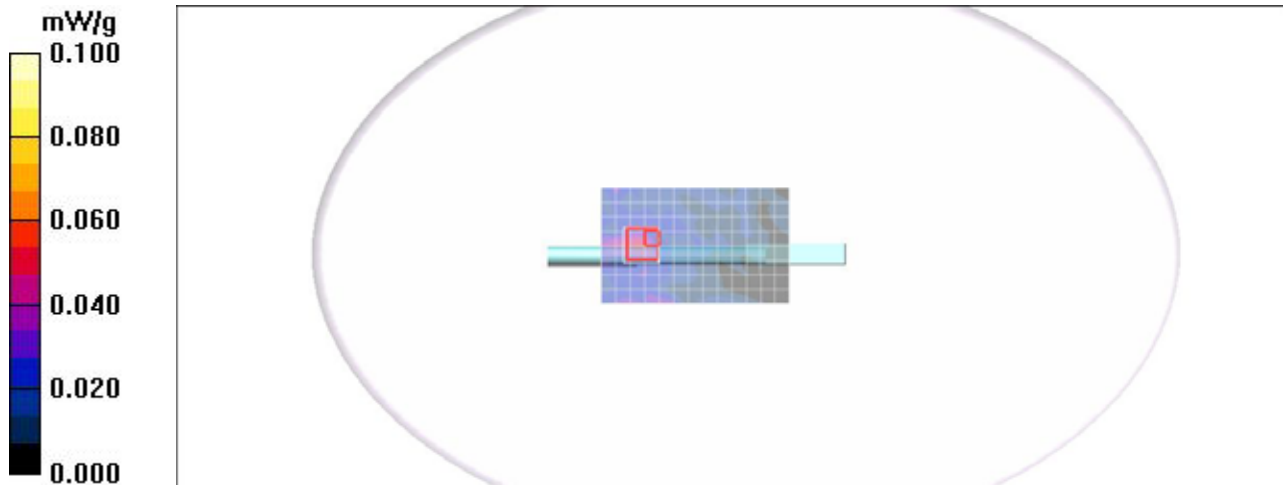
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.37, 4.37, 4.37);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (9x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.056 mW/g

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.48 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00899 mW/g
Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Front mode GW-USFang300 antB 180

DUT: GW-USFang300; Type: Dongle; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.3 deg C; Liquid Temperature: 23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

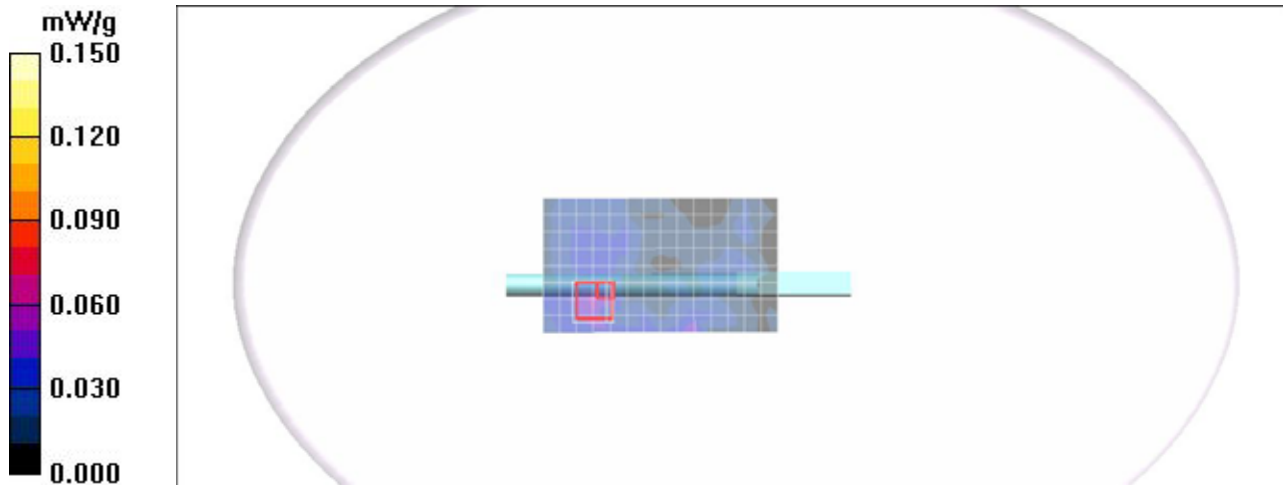
DASY4 Configuration:

- Probe: EX3DV4 - SN3665; ConvF(4.03, 4.03, 4.03);
- Sensor-Surface: 2.5mm (Fix Surface) Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.055 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.72 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.057 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Front mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.68, 3.68, 3.68);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

CH44 5220 6M/Area Scan (8x7x1): Measurement grid: dx=10mm, dy=10mm

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

CH44 5220 6M/Zoom Scan (7x7x9)/Cube 0:

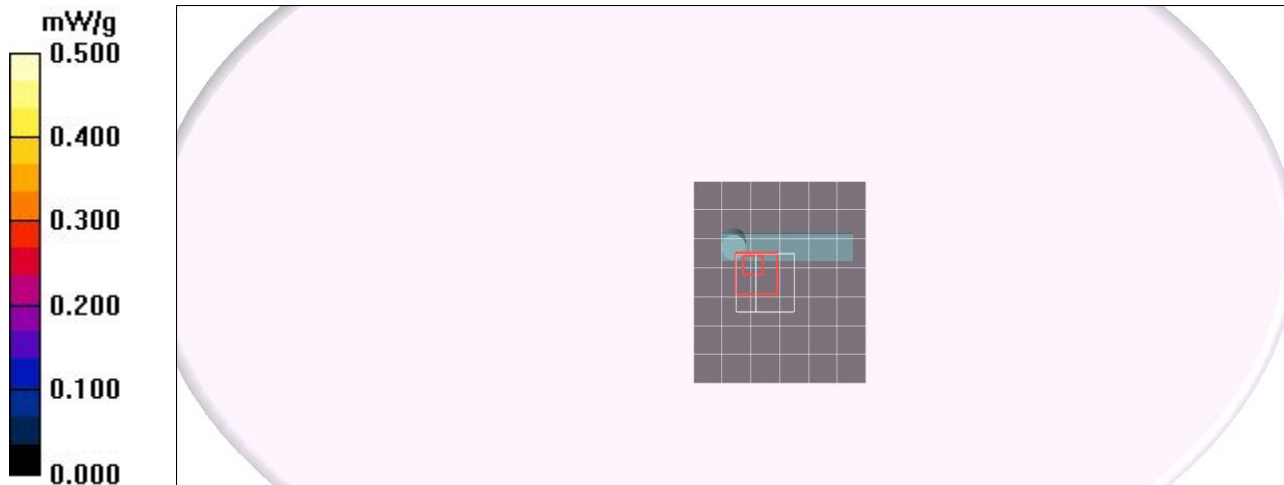
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.8 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00727 mW/g

Maximum value of SAR (measured) = 0.038 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a Vertical Front mode GW-USFang300 antB Up90

DUT: GW-USFang300; Type: WUB1900H5; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.18, 3.18, 3.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

CH149 5745 6M/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.035 mW/g

CH149 5745 6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.03 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.17 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.066 mW/g

