

Test Laboratory: Compliance Certification Services Inc.

802.11b CH7 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH7/Area Scan (5x7x1):

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

Maximum value of SAR (measured) = 0.563 mW/g

Edge 4 CH7/Zoom Scan (7x7x9)/Cube 0:

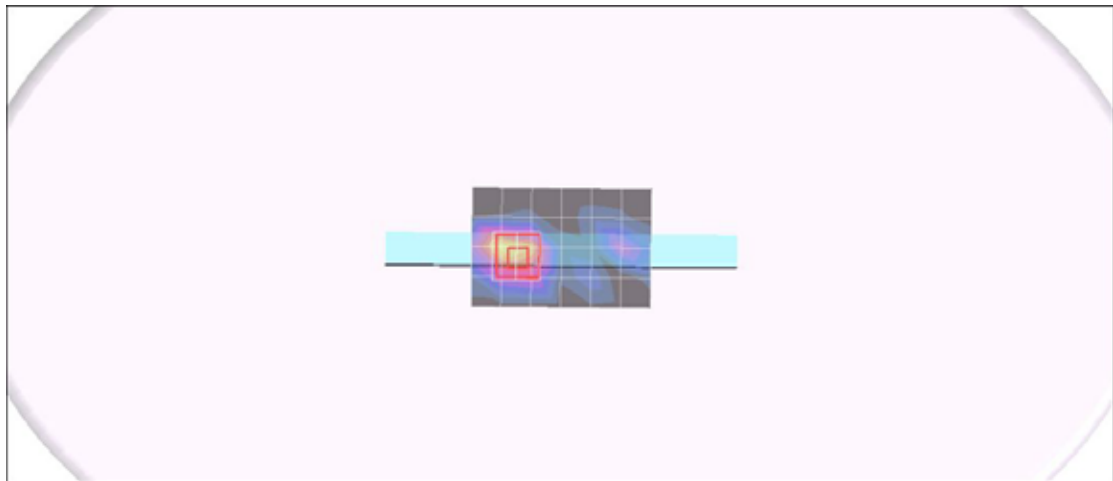
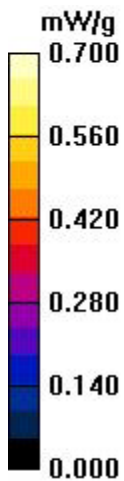
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.57 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b CH7 Rate 1M_Rear Side_Main Antenna

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH7/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.712 mW/g

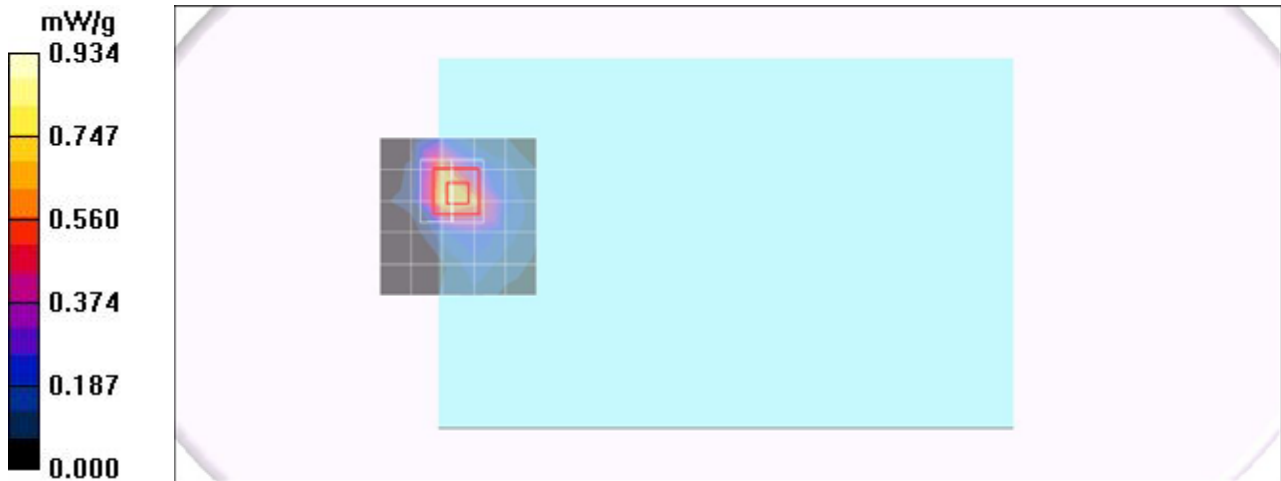
Rear Side CH7/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.51 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.938 mW/g



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802.11b CH7 Rate 1M_Rear Side_Main Antenna

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH7/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.817 mW/g

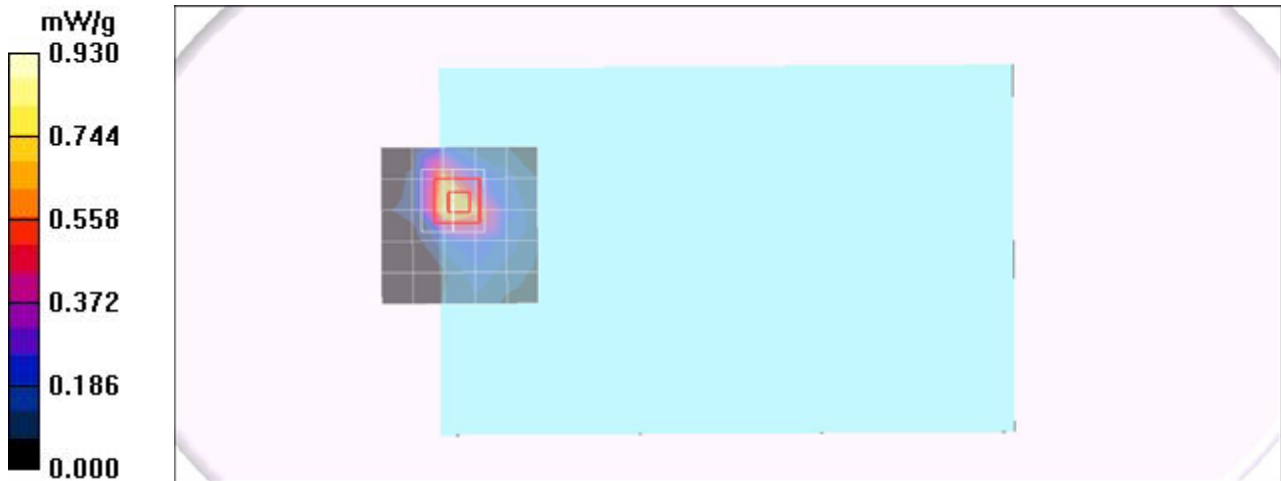
Rear Side CH7/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.63 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.903 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b CH7 Rate 1M_Edge 2_Aux Antenna

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH7/Area Scan (6x7x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.569 mW/g

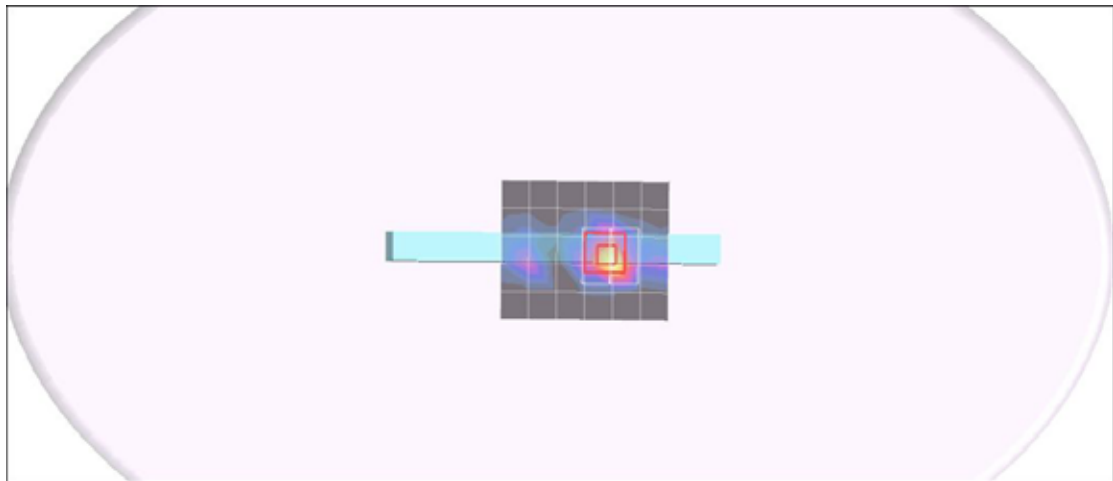
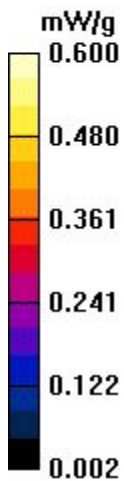
Edge 2 CH7/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.82 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.792 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b CH7 Rate 1M_Rear Side_Aux Antenna

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH7/Area Scan (8x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.683 mW/g

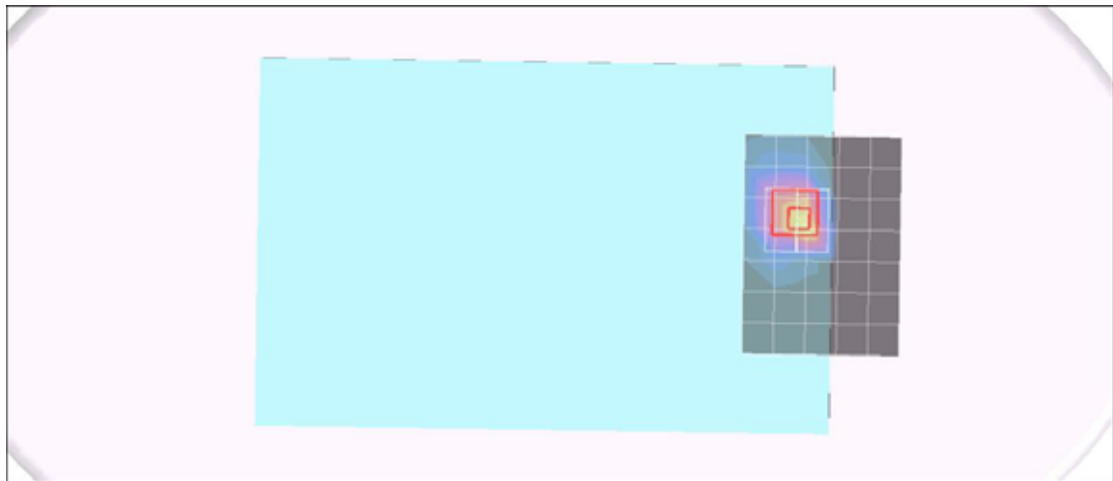
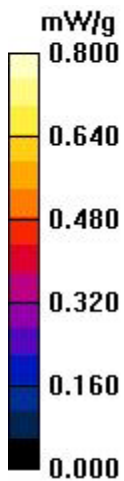
Rear Side CH7/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b CH7 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH7/Area Scan (6x6x1):

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

Maximum value of SAR (measured) = 0.623 mW/g

Edge 2 CH7/Zoom Scan (7x7x9)/Cube 0:

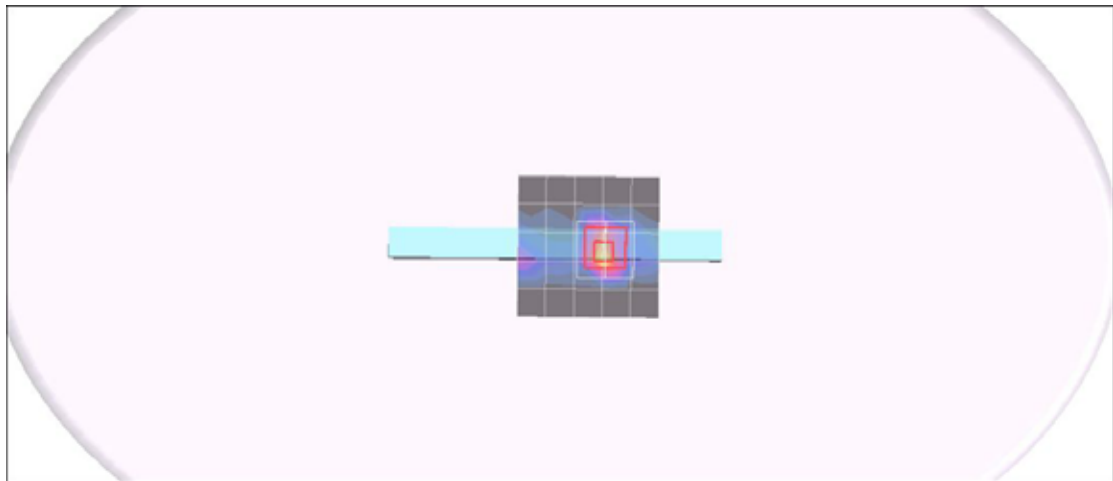
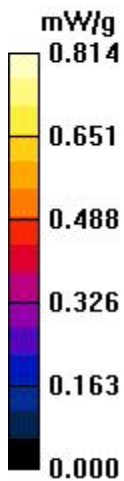
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.82 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.98 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.698 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g CH7 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11g WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH7/Area Scan (6x6x1):

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

Maximum value of SAR (measured) = 0.611 mW/g

Edge 2 CH7/Zoom Scan (7x7x9)/Cube 0:

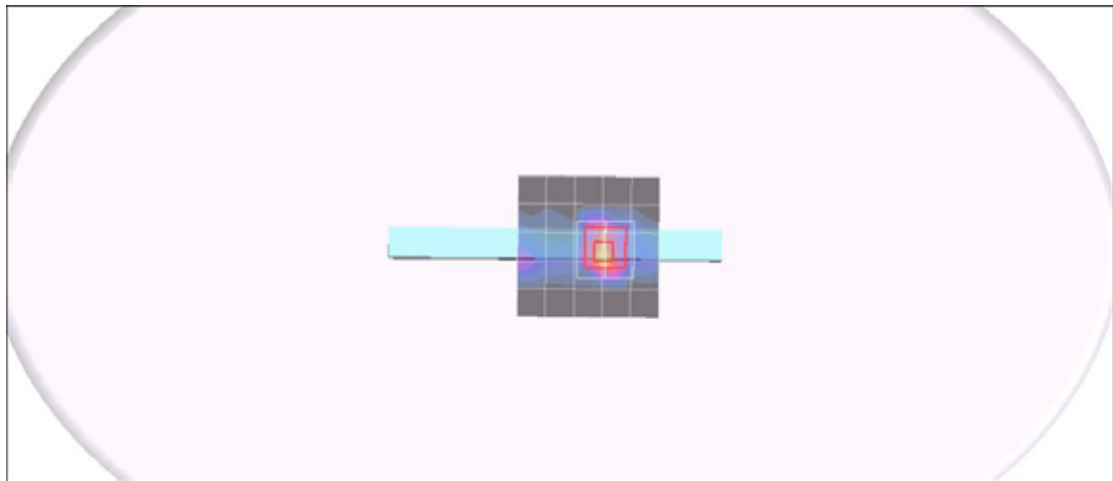
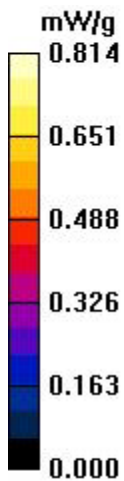
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.42 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.816 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11g CH7 Rate 6M_Rear Side_Aux Antenna

Communication System: IEEE 802.11g WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2442$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH7/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.902 mW/g

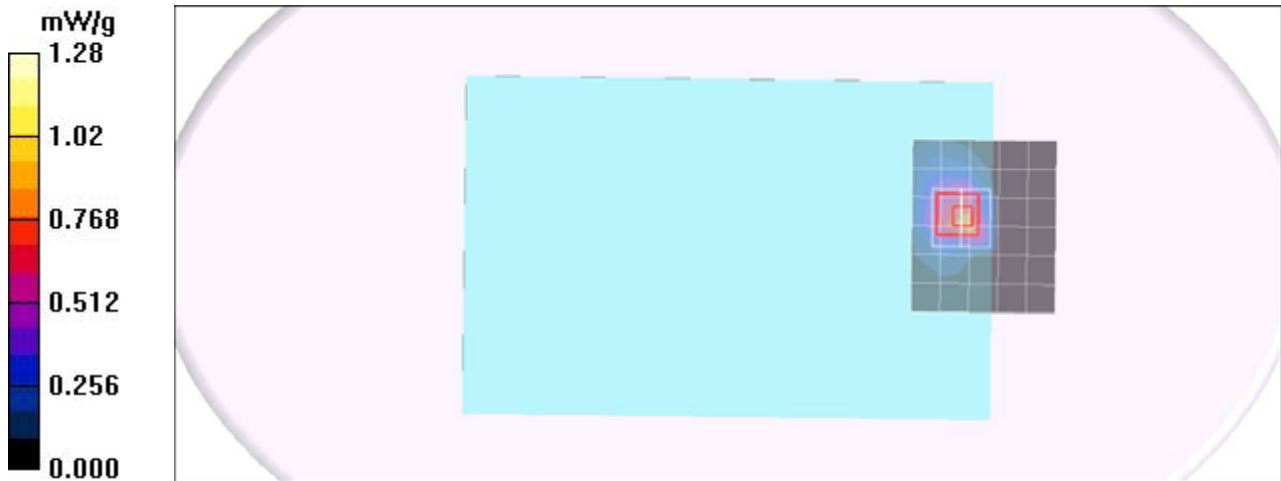
Rear Side CH7/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.229 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.343 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

802.11a CH36 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Secondary Portrait CH36/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.724 mW/g

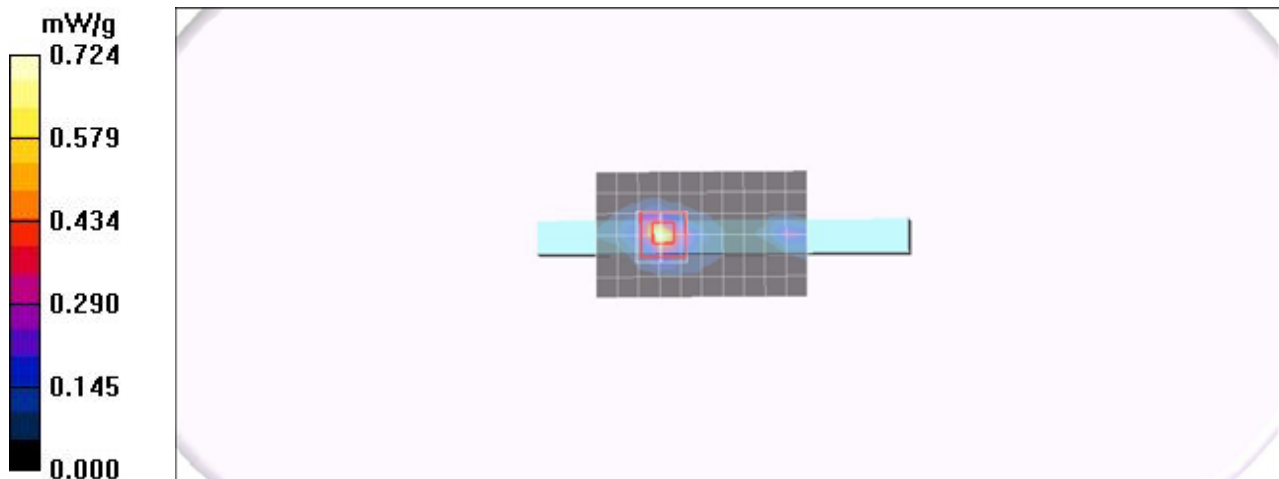
Secondary Portrait CH36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.63 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.775 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH36 Rate 6M_Rear Side_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH36/Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.365 mW/g

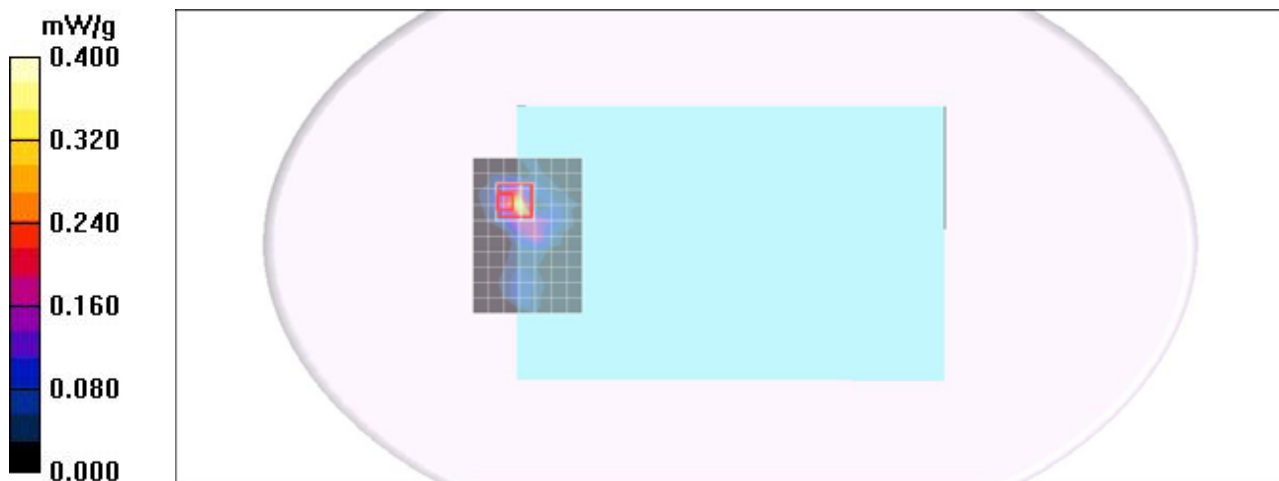
Rear Side CH36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH48 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Secondary Portrait CH48/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.828 mW/g

Secondary Portrait CH48/Zoom Scan (7x7x9)/Cube 0:

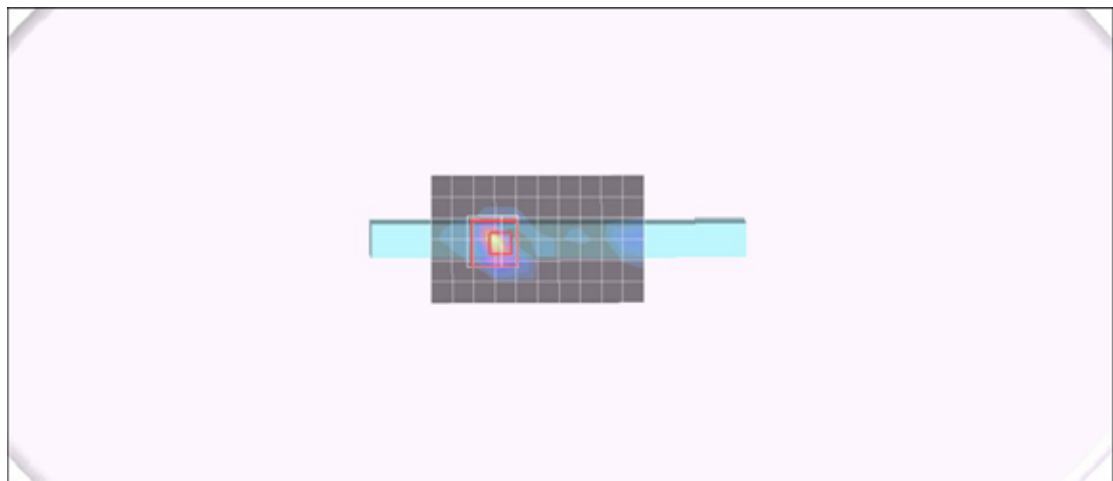
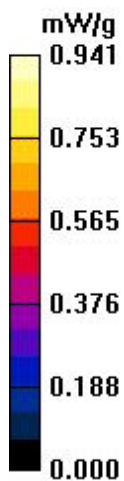
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.95 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.941 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH52 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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(3.43, 3.43, 3.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Secondary Portrait CH52/Area Scan (7x11x1):

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

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

Secondary Portrait CH52/Zoom Scan (7x7x9)/Cube 0:

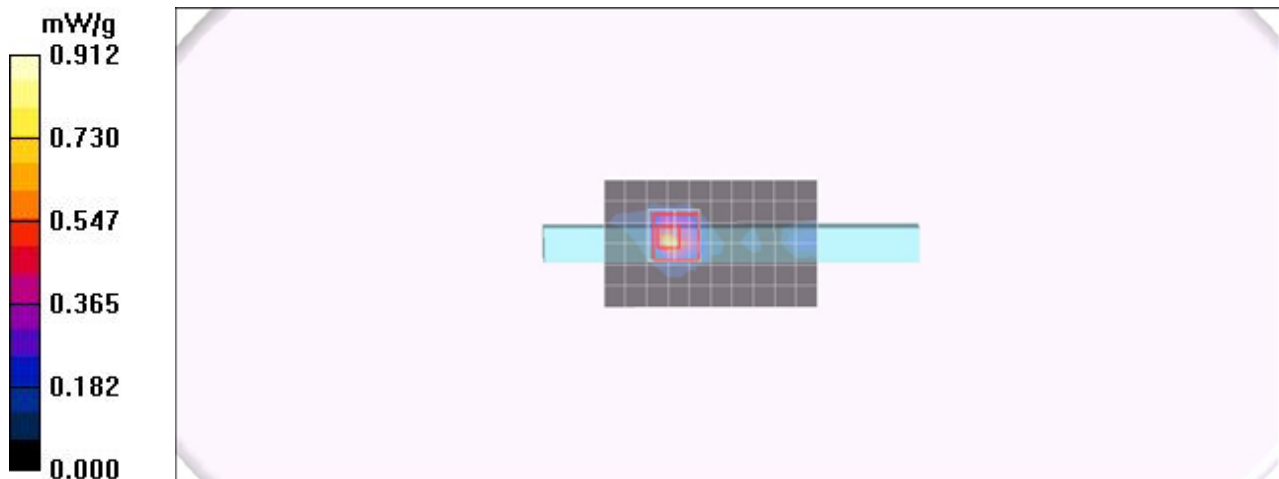
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.39 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = **0.412 mW/g**; SAR(10 g) = **0.110 mW/g**

Maximum value of SAR (measured) = 0.912 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH64 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.5$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ 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(3.43, 3.43, 3.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH64/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.11 mW/g

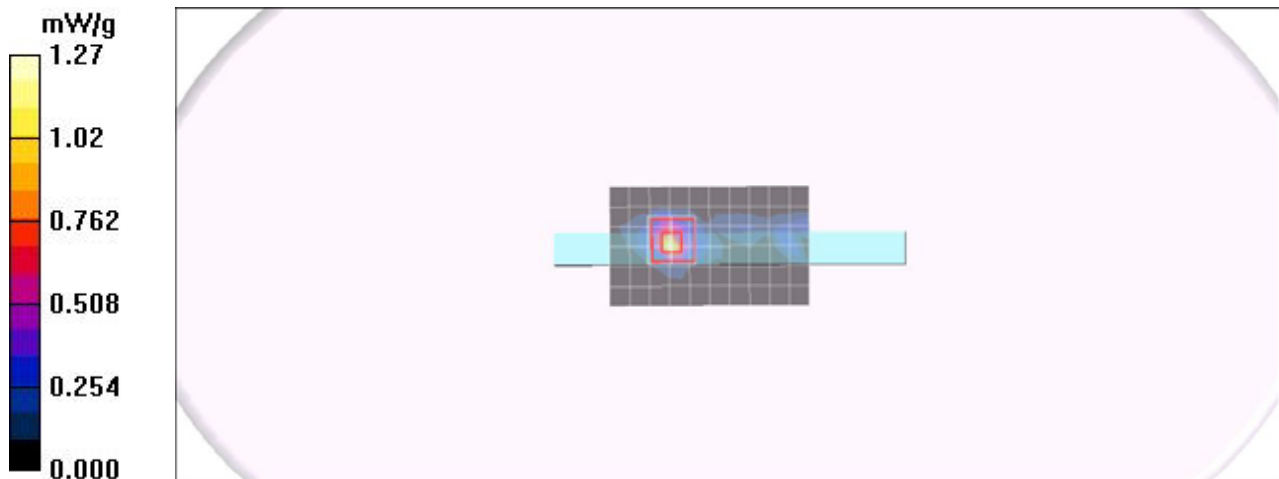
Edge 4 CH64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.13 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH108 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ 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(3.24, 3.24, 3.24);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Secondary Portrait CH108/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm

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

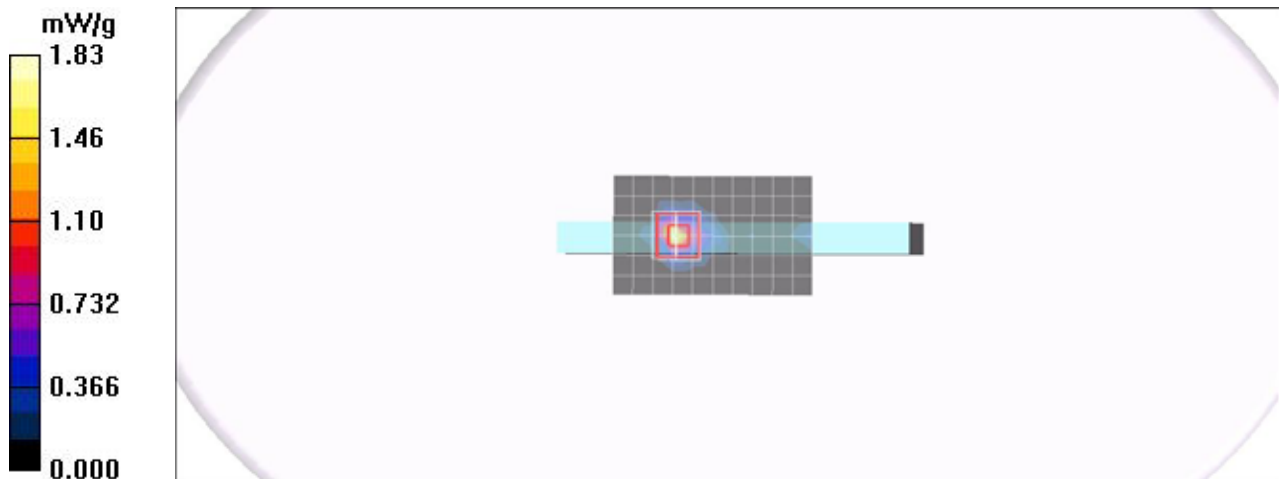
Secondary Portrait CH108/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.43 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 5.22 W/kg

SAR(1 g) = **0.998 mW/g**; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 1.83 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH112 Rate 6M_Edge 4_Main Antenna_0824

Communication System: IEEE 802.11a; Frequency: 5560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5560$ MHz; $\sigma = 5.86$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ 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(3.14, 3.14, 3.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH112/Area Scan (7x11x1):

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

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

Edge 4 CH112/Zoom Scan (7x7x9)/Cube 0:

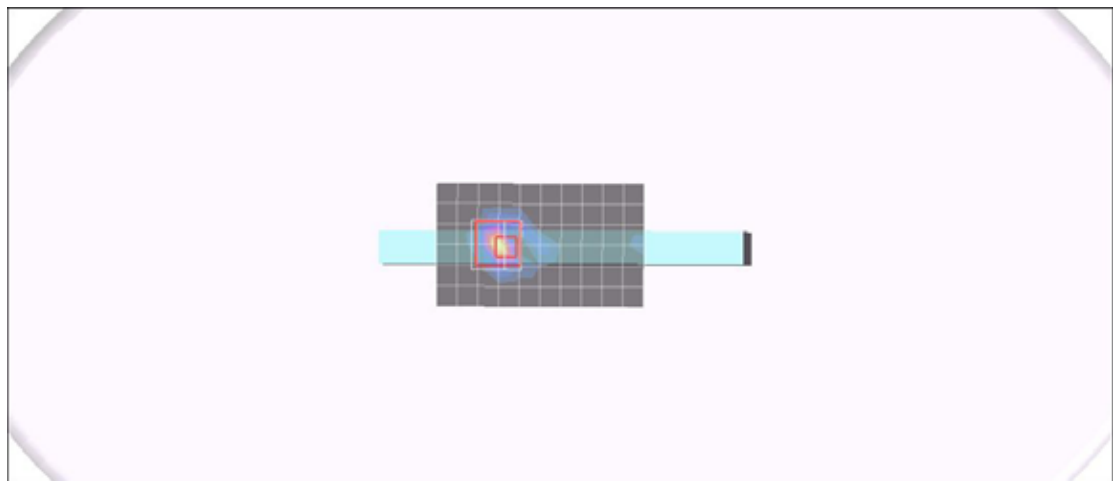
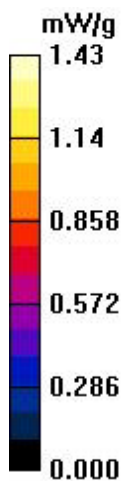
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.13 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.175 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

802.11a CH124 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5620$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ 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(3.14, 3.14, 3.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH124/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 1.62 mW/g

Edge 4 CH124/Zoom Scan (7x7x9)/Cube 0:

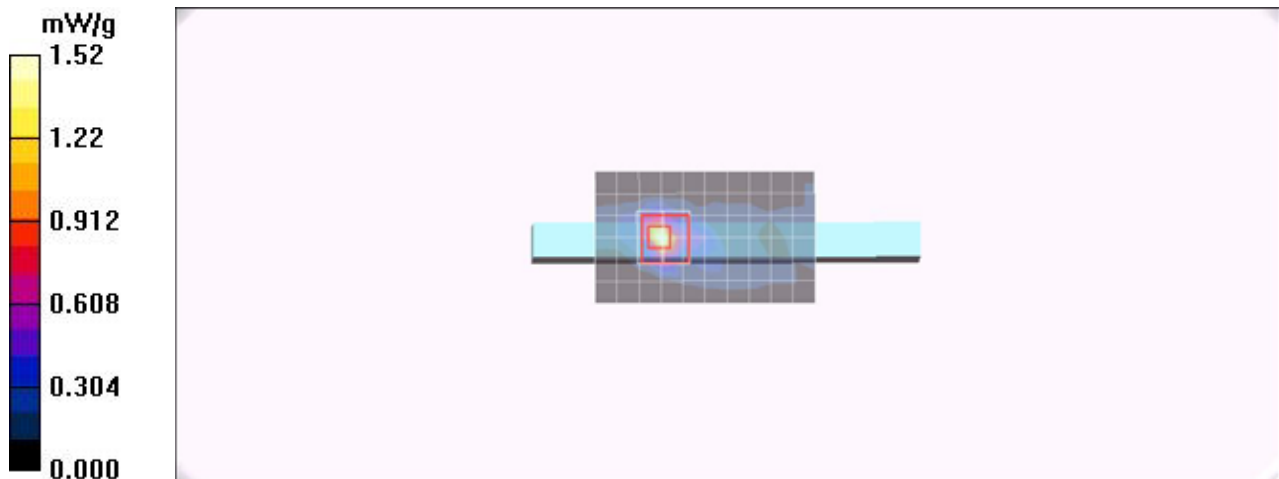
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.56 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH140 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH140/Area Scan (7x11x1):

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

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

Edge 4 CH140/Zoom Scan (7x7x9)/Cube 0:

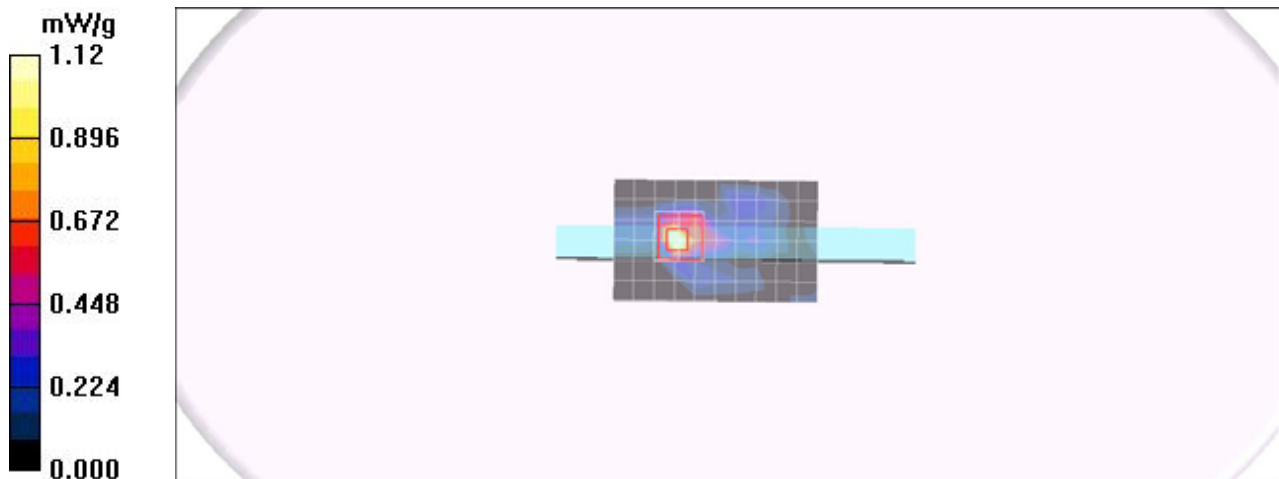
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.18 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH149 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH149/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.998 mW/g

Edge 4 CH149/Zoom Scan (7x7x9)/Cube 0:

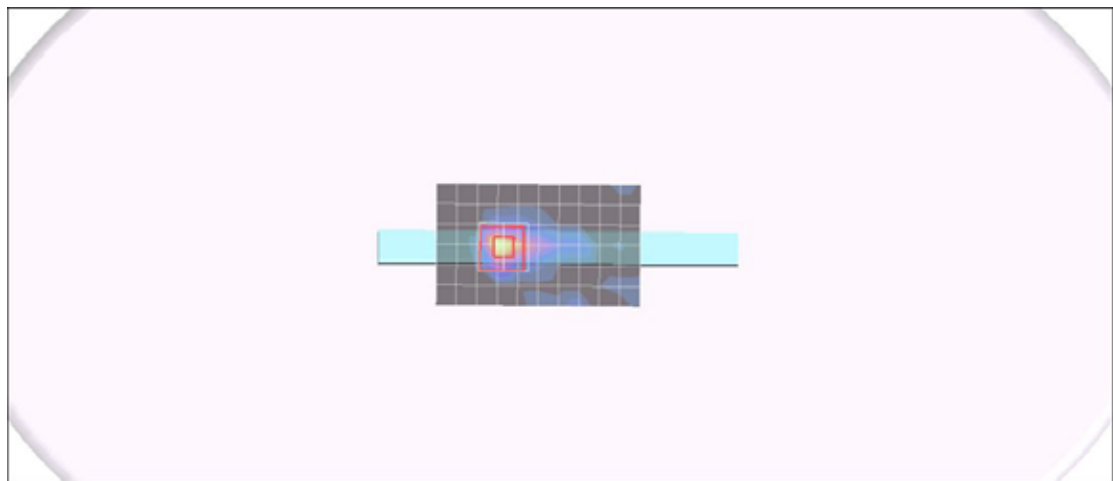
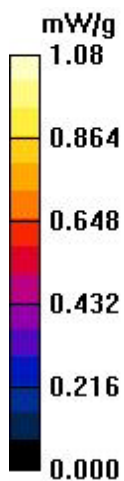
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.92 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH161 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH161/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.959 mW/g

Edge 4 CH161/Zoom Scan (7x7x9)/Cube 0:

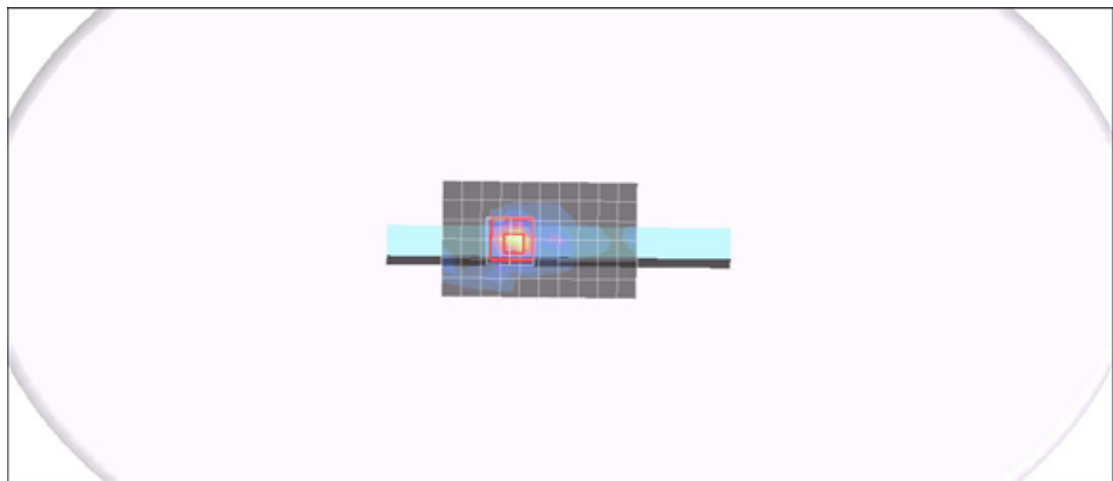
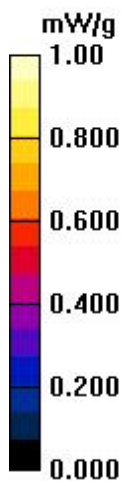
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.78 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.173 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

802.11a CH165 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH165/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 1.11 mW/g

Edge 4 CH165/Zoom Scan (7x7x9)/Cube 0:

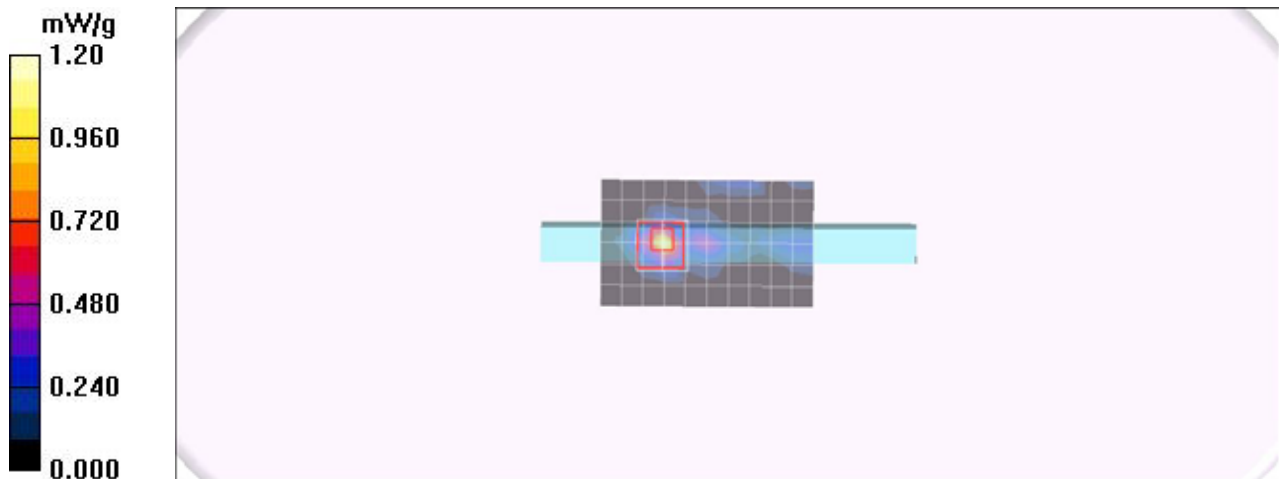
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.29 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH108 Rate 6M_Rear Side_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ 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(3.24, 3.24, 3.24);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH108/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

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

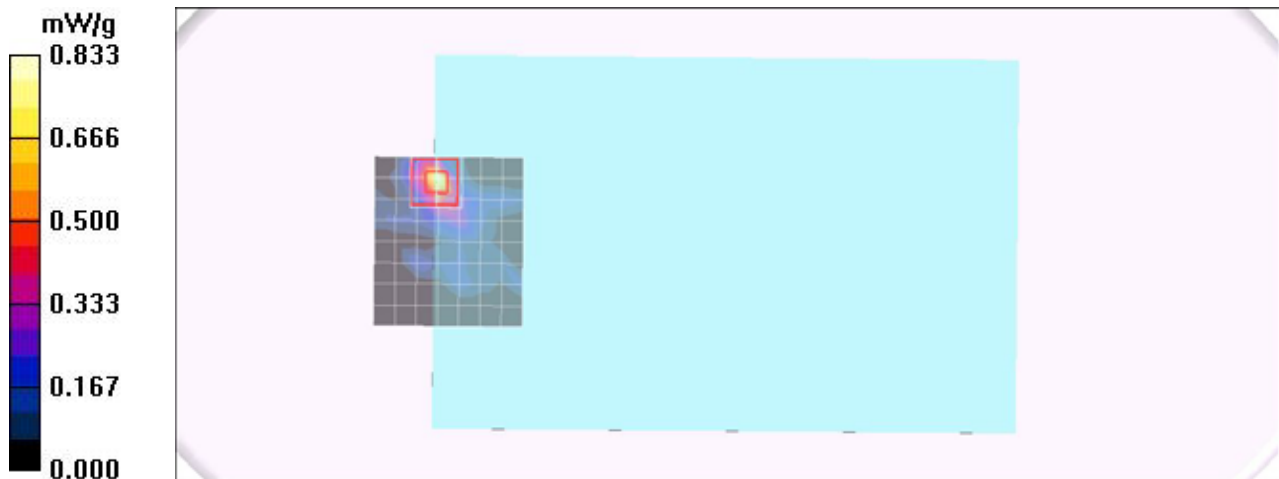
Rear Side CH108/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.833 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH64 Rate 6M_Rear Side_Main antenna

Communication System: IEEE 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ 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(3.24, 3.24, 3.24);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH108/Area Scan (18x7x1):

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

Maximum value of SAR (measured) = 0.471 mW/g

Rear Side CH108/Zoom Scan (7x7x9)/Cube 0:

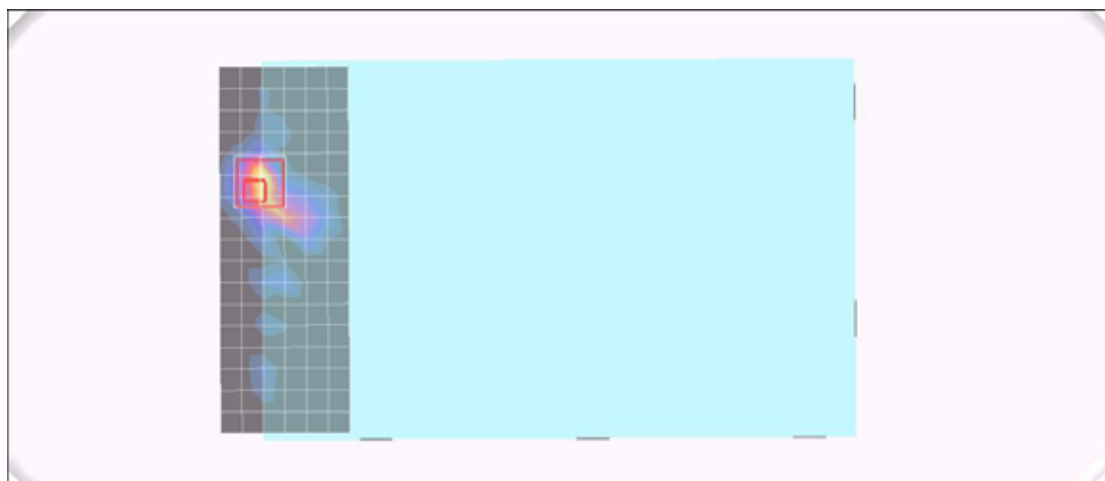
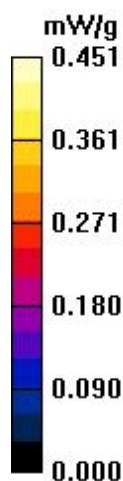
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.475 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n HT20 CH52 Rate 6.5M_Edge 4_Main Antenna

Communication System: IEEE 802.11n HT20_5GHz; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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(3.43, 3.43, 3.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

EDGE 4 CH52/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 0.914 mW/g

EDGE 4 CH52/Zoom Scan (7x7x9)/Cube 0:

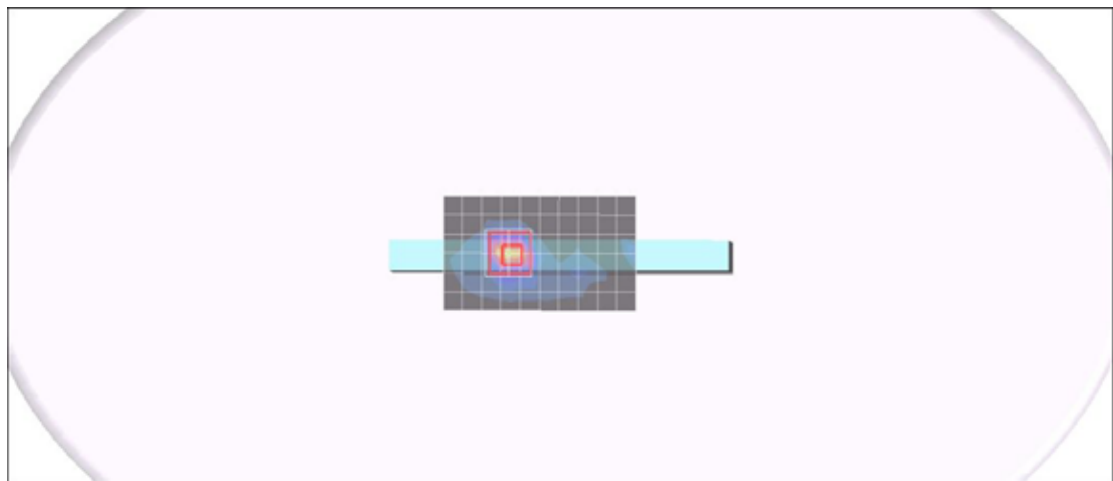
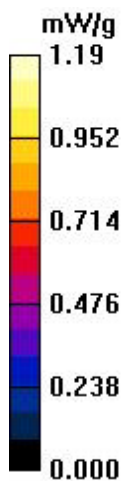
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.05 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11n HT20 CH60 Rate 6M_Edge 4_Main Antenna

Communication System: IEEE 802.11n HT20_5GHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.47$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ 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(3.43, 3.43, 3.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 4 CH60/Area Scan (7x11x1):

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

Maximum value of SAR (measured) = 1.35 mW/g

Edge 4 CH60/Zoom Scan (7x7x9)/Cube 0:

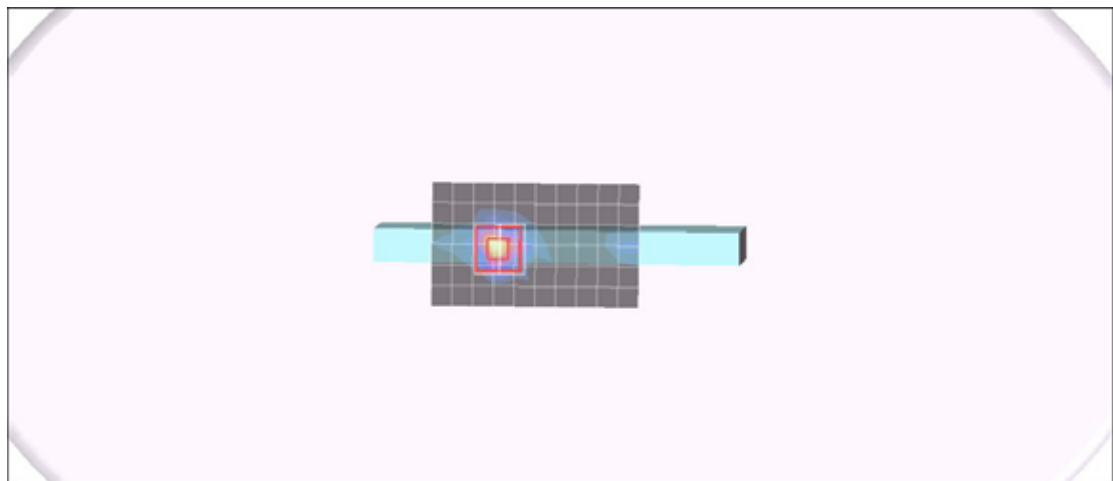
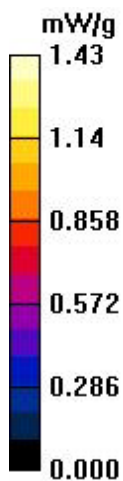
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.74 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.194 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

802.11a CH36 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH36/Area Scan (7x9x1):

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

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

Edge 2 CH36/Zoom Scan (7x7x9)/Cube 0:

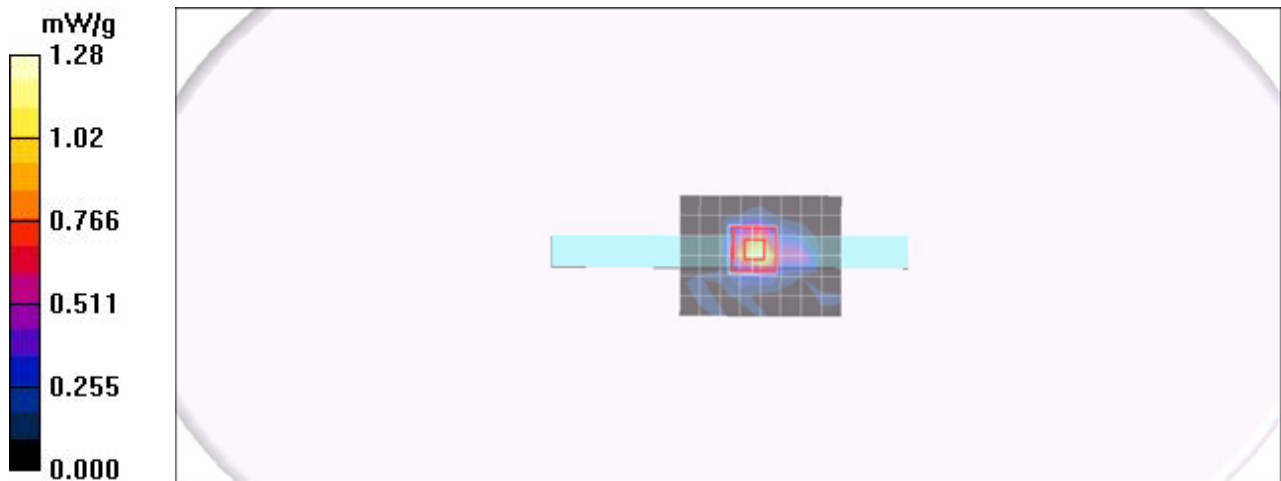
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.38 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH36 Rate 6M_Rear Side_Aux Antenna

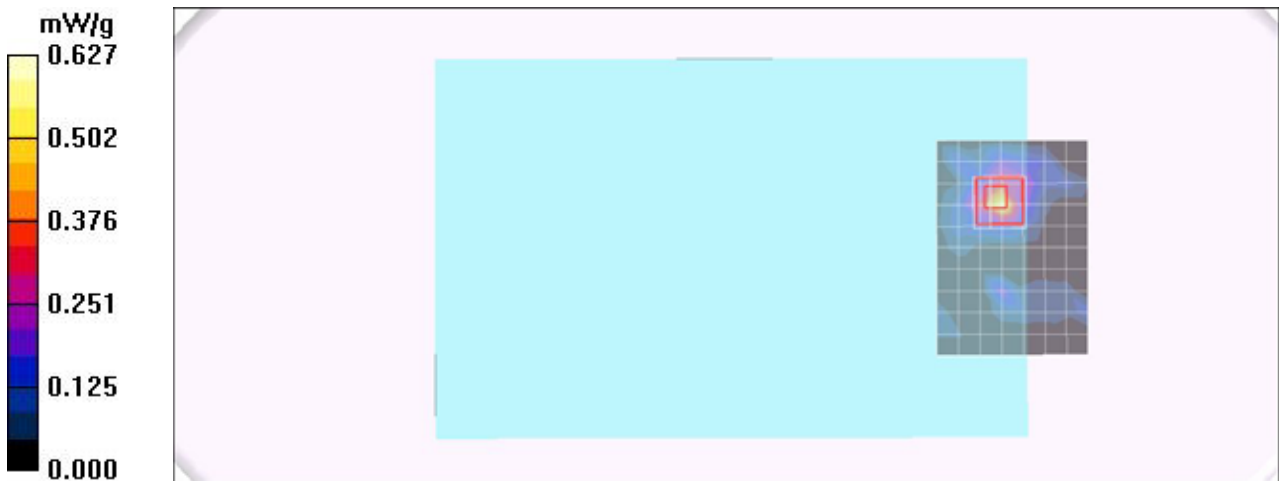
Communication System: IEEE 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH36/Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.546 mW/g

Rear Side CH36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.0099 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.627 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH48 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH48/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 1.64 mW/g

Edge 2 CH48/Zoom Scan (7x7x9)/Cube 0:

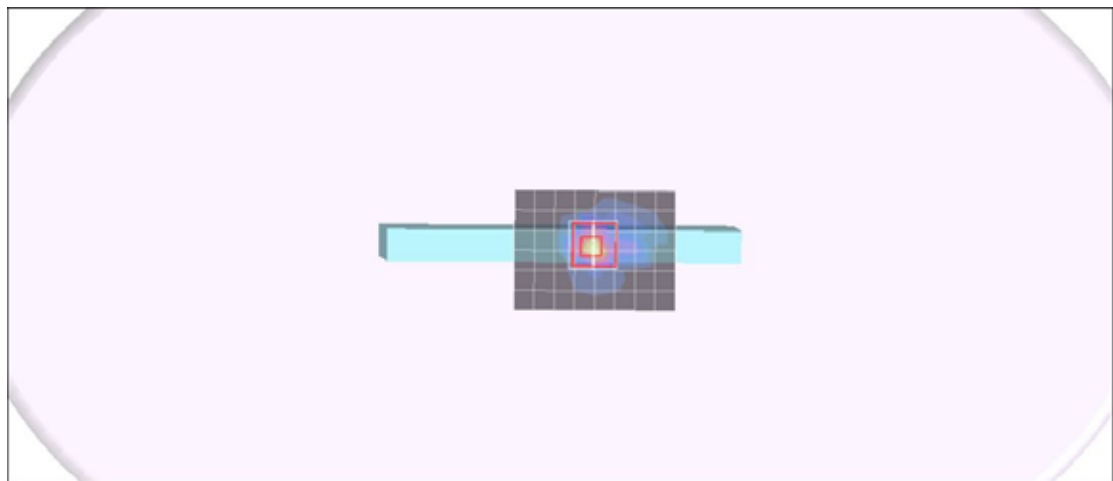
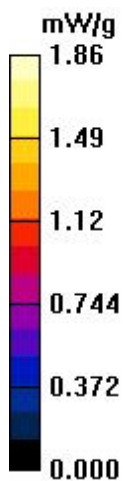
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.16 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 1.86 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH52 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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(3.43, 3.43, 3.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH52/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 1.22 mW/g

Edge 2 CH52/Zoom Scan (7x7x9)/Cube 0:

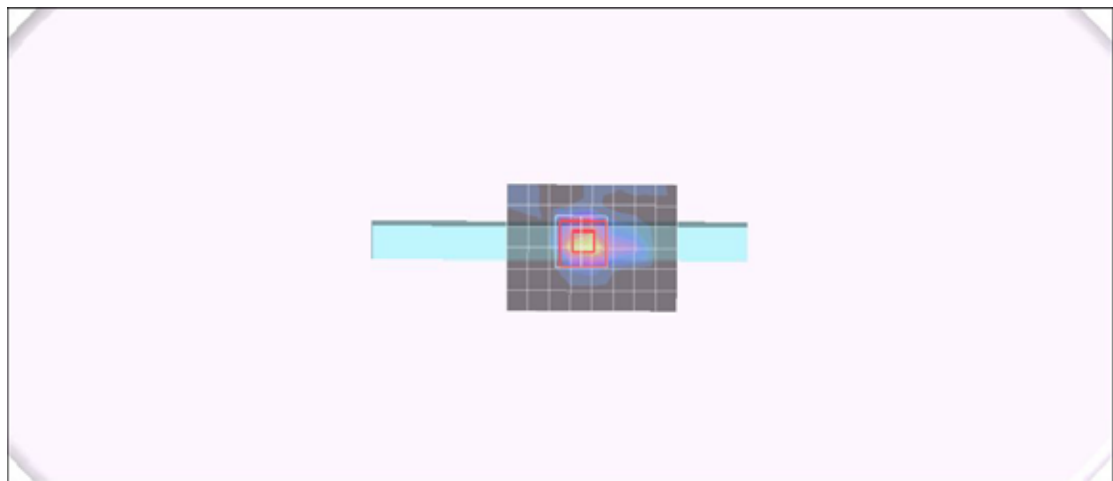
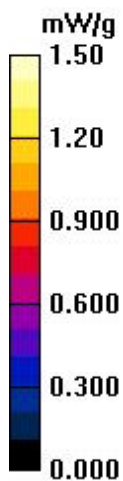
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.56 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 3.44 W/kg

SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 1.70 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH64 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.5$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ 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(3.43, 3.43, 3.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH64/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 1.05 mW/g

Edge 2 CH64/Zoom Scan (7x7x9)/Cube 0:

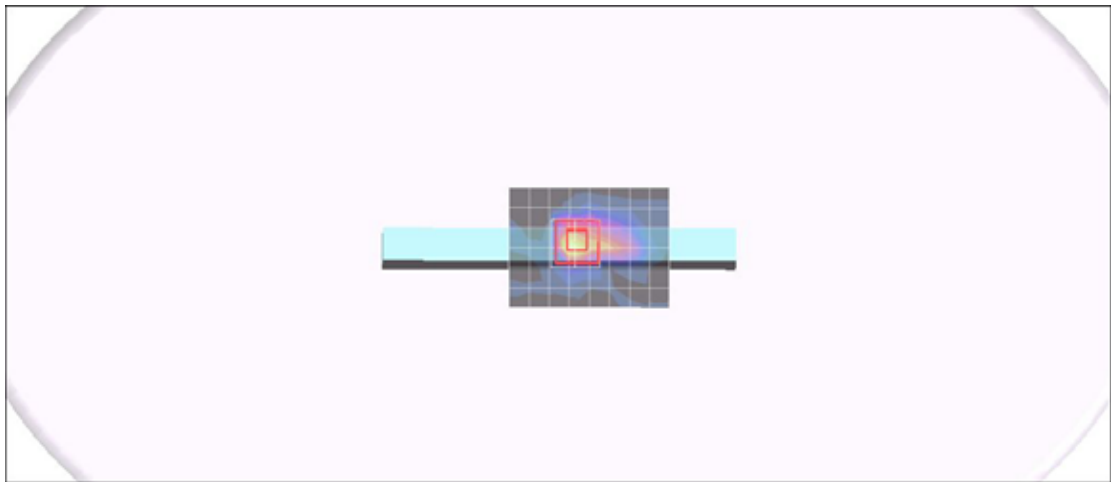
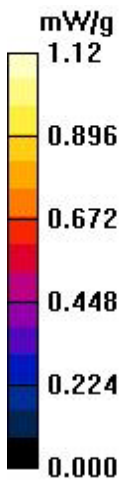
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.75 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH104 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.77$ mho/m; $\epsilon_r = 48$; $\rho = 1000$ 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(3.24, 3.24, 3.24);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH104/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 1.09 mW/g

Edge 2 CH104/Zoom Scan (7x7x9)/Cube 0:

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

Reference Value = 8.19 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 1.35 mW/g

Edge 2 CH104/Zoom Scan (7x7x9)/Cube 1:

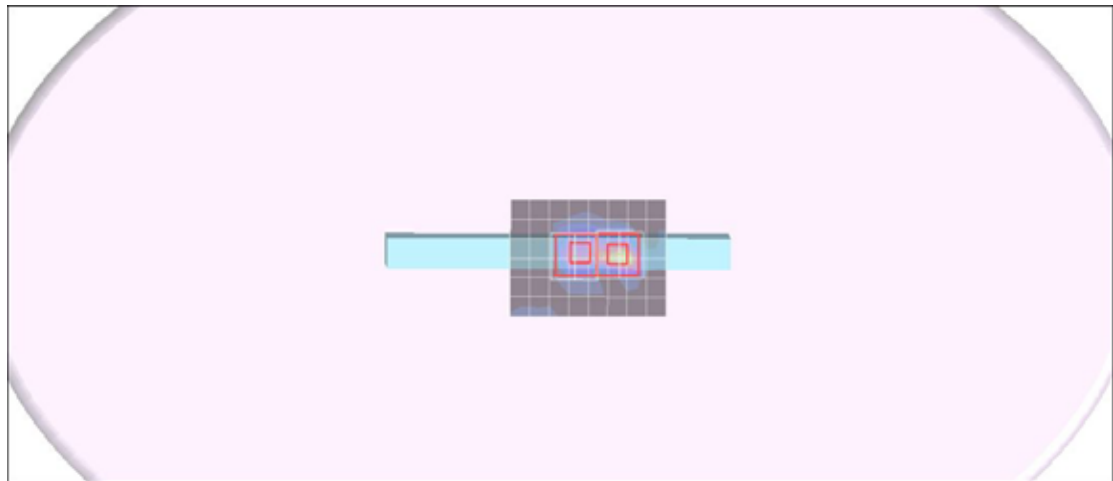
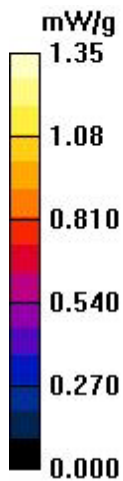
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.19 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.852 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH116 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.89$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ 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(3.14, 3.14, 3.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH116/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.826 mW/g

Edge 2 CH116/Zoom Scan (7x7x9)/Cube 0:

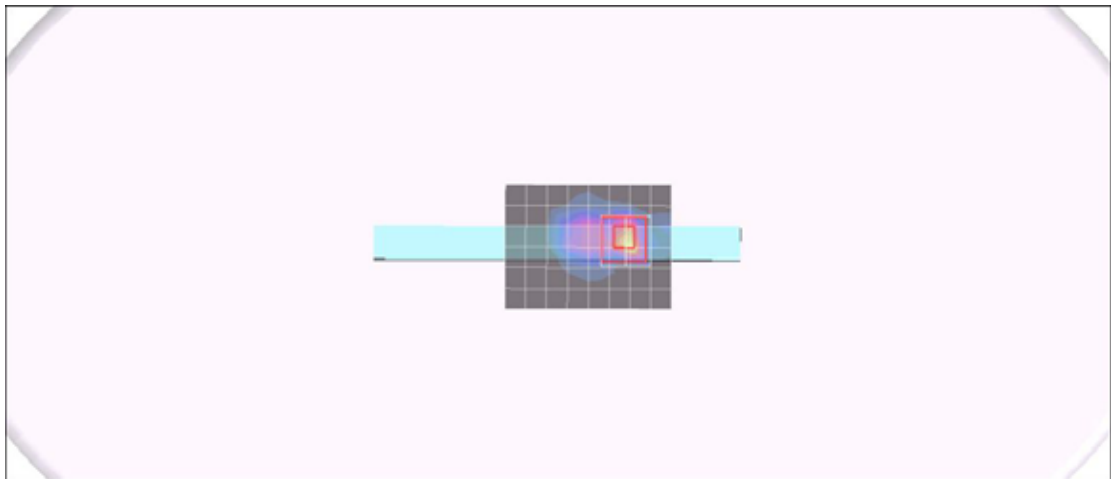
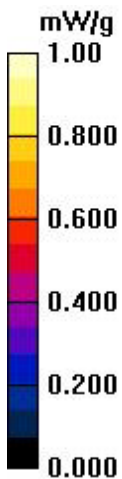
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.73 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH124 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5620$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ 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(3.14, 3.14, 3.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH124/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.11 mW/g

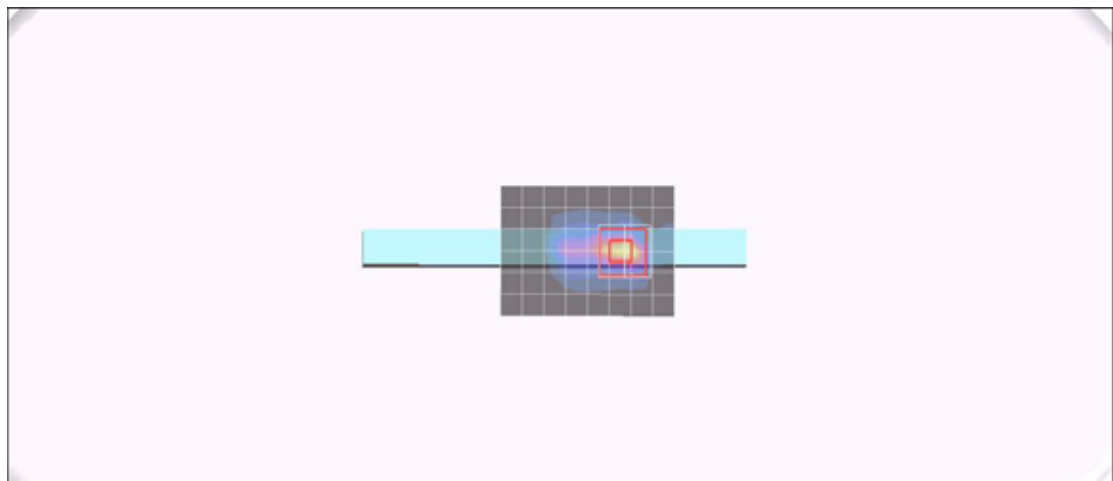
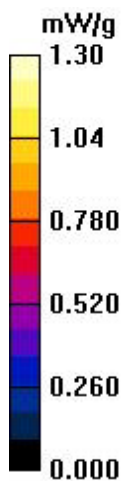
Edge 2 CH124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.51 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.153 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

802.11a CH140 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH140/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 1.11 mW/g

Edge 2 CH140/Zoom Scan (7x7x9)/Cube 0:

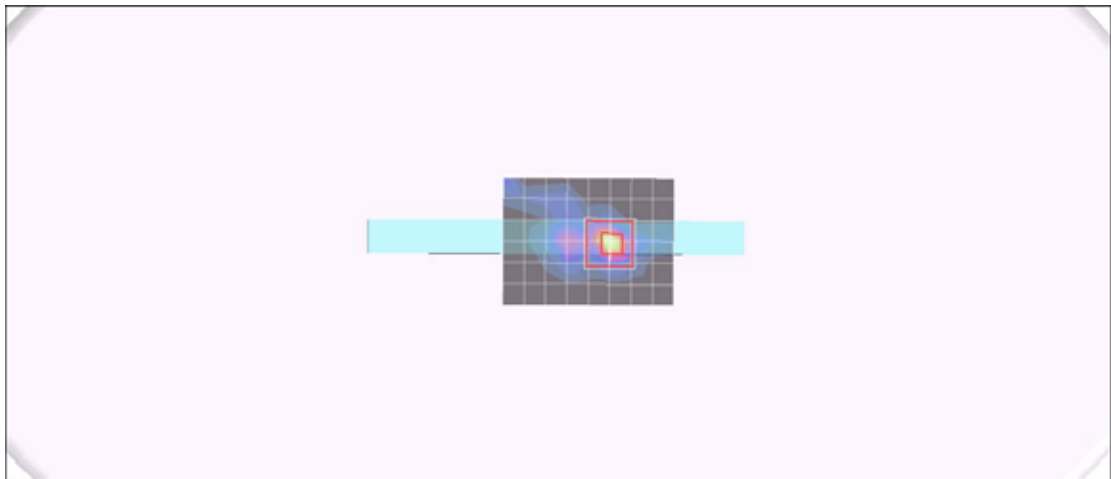
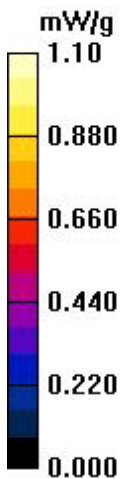
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.42 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH153 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5765$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH153/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.912 mW/g

Edge 2 CH153/Zoom Scan (7x7x9)/Cube 0:

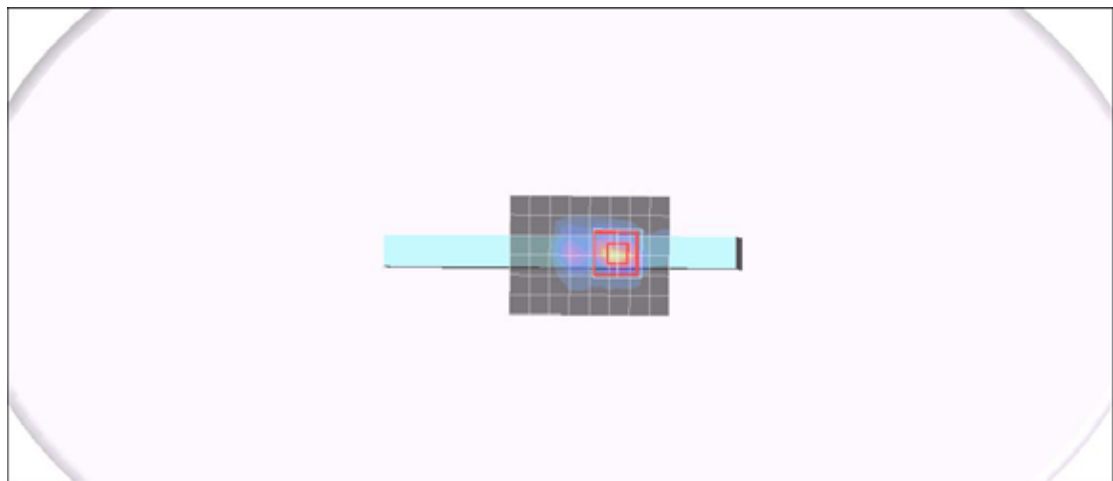
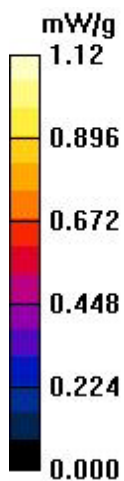
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.79 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH161 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH161/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 0.977 mW/g

Edge 2 CH161/Zoom Scan (7x7x9)/Cube 0:

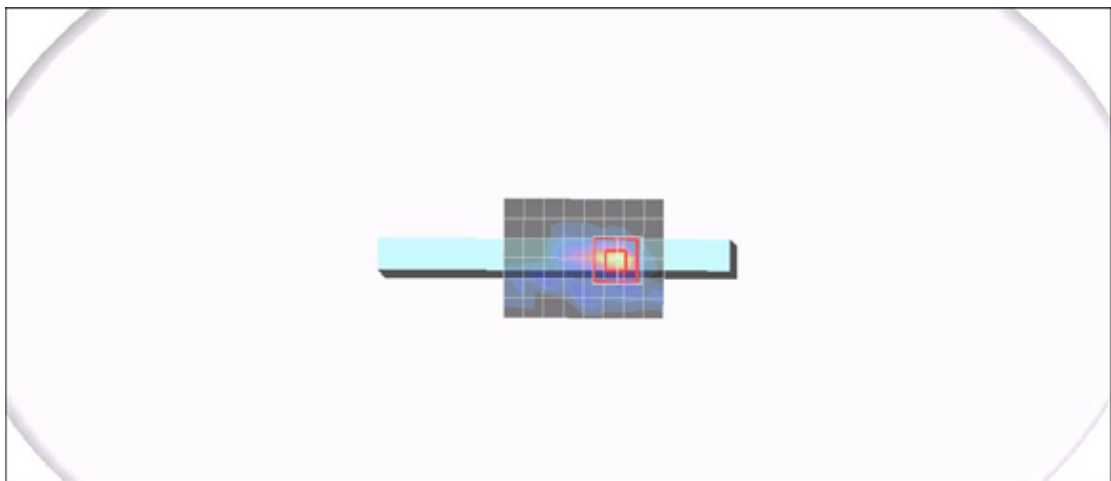
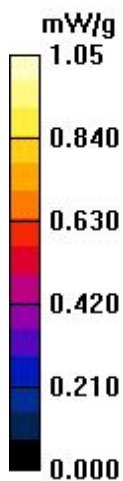
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH165 Rate 6M_Edge 2_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ 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(3.3, 3.3, 3.3);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Edge 2 CH165/Area Scan (7x9x1):

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

Maximum value of SAR (measured) = 1.40 mW/g

Edge 2 CH165/Zoom Scan (7x7x9)/Cube 0:

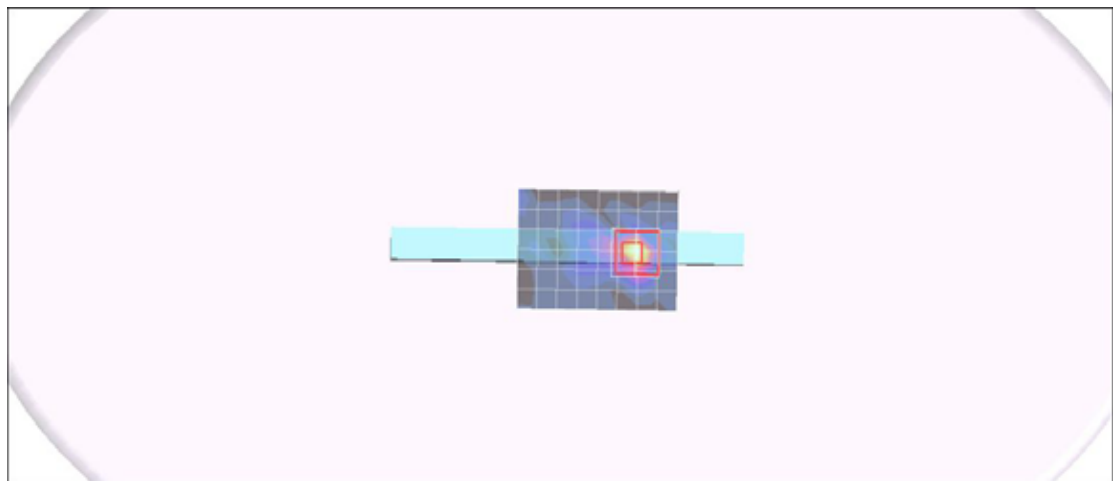
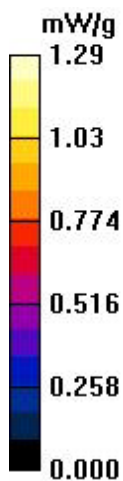
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.72 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH48 Rate 6M_Rear Side_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH48/Area Scan (9x8x1):

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

Maximum value of SAR (measured) = 0.683 mW/g

Rear Side CH48/Zoom Scan (7x7x9)/Cube 0:

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

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.774 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11a CH48 Rate 6M_Rear Side_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Rear Side CH48/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.457 mW/g

Rear Side CH48/Zoom Scan (7x7x9)/Cube 0:

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

Reference Value = 0.000 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.486 mW/g

