

Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

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

Reference Value = 95.2 V/m; Power Drift = -0.034 dB

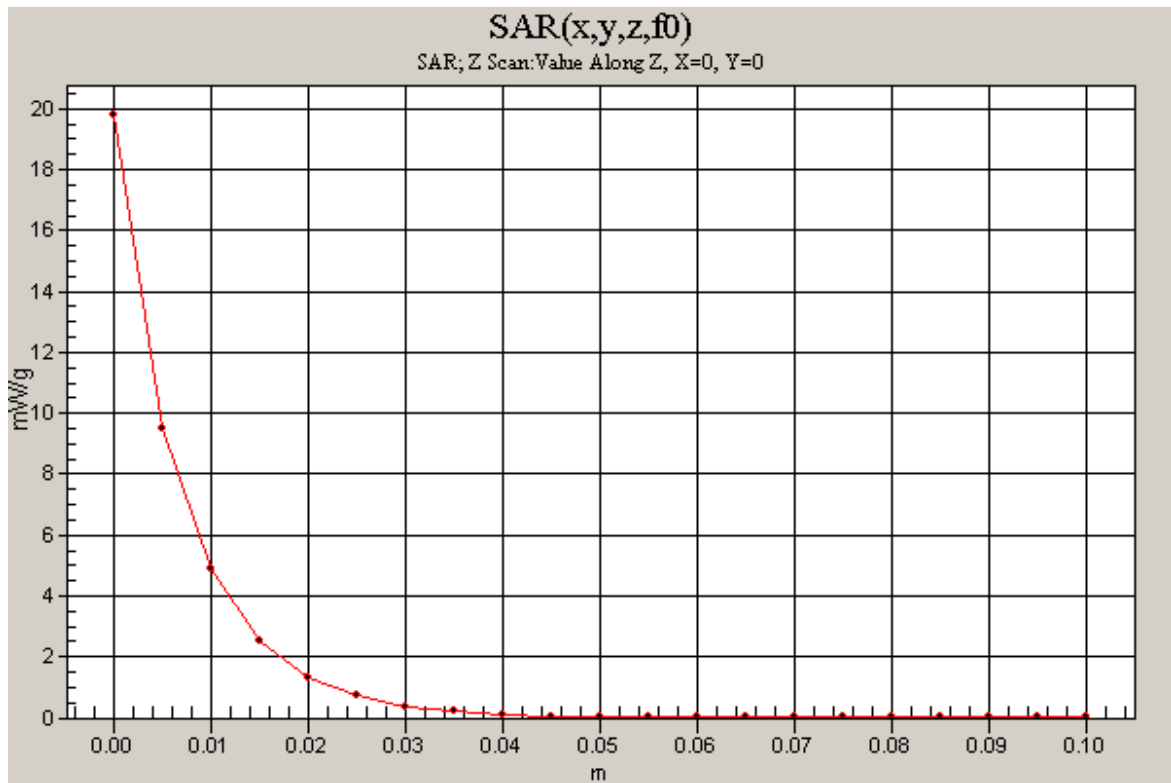
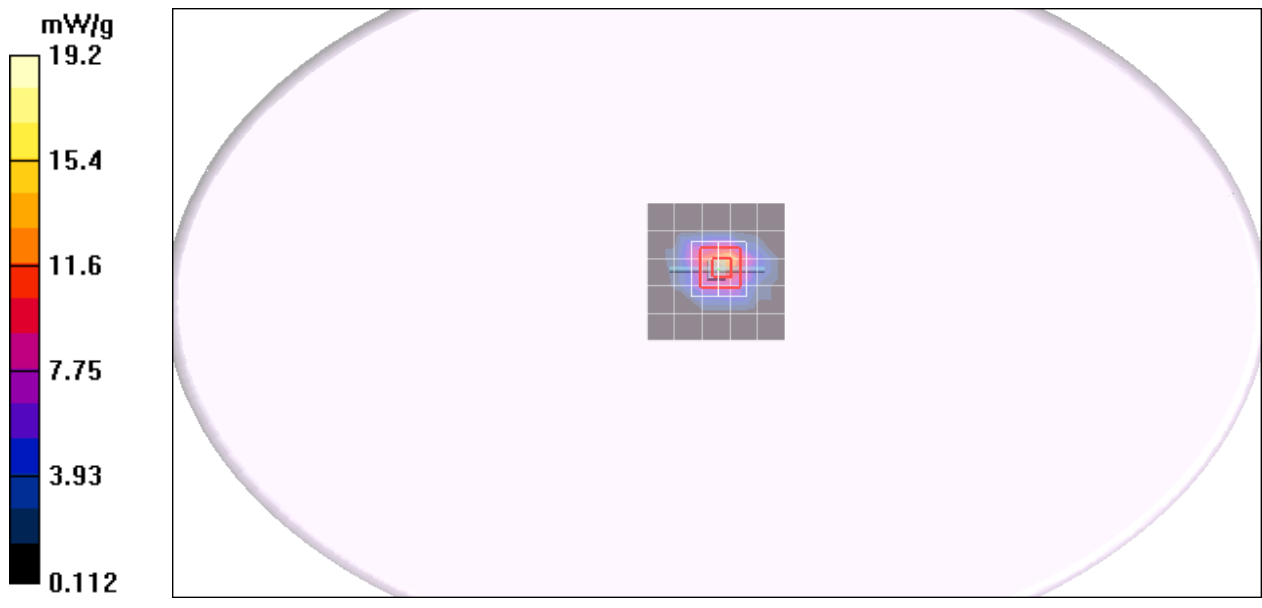
Peak SAR (extrapolated) = 28.5 W/kg

SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.17 mW/g

Maximum value of SAR (measured) = 19.2 mW/g

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

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



Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

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

Communication System: CW5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5200$ MHz; $\sigma = 5.44$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5200MHz/Area Scan (8x8x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 17.5 mW/g

Pin=100mW,d=10mm f=5200MHz/Zoom Scan (8x8x10)/Cube 0:

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

Reference Value = 79.3 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 55.8 W/kg

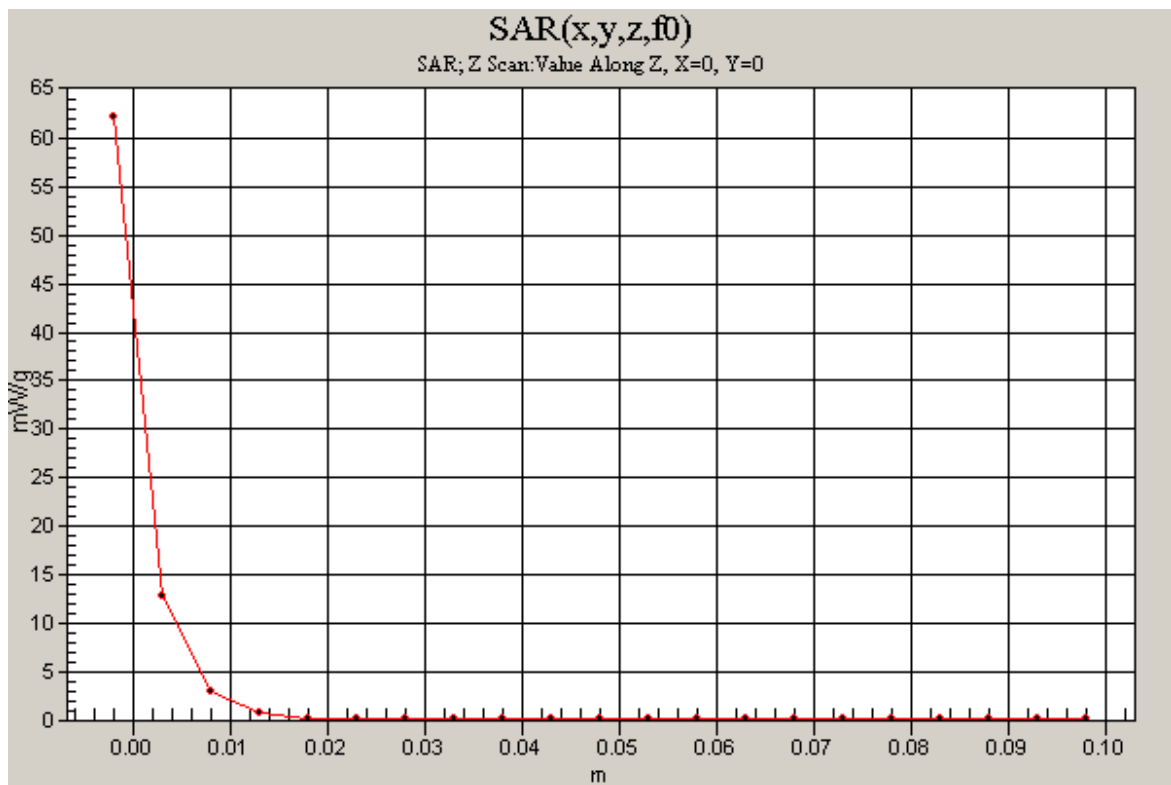
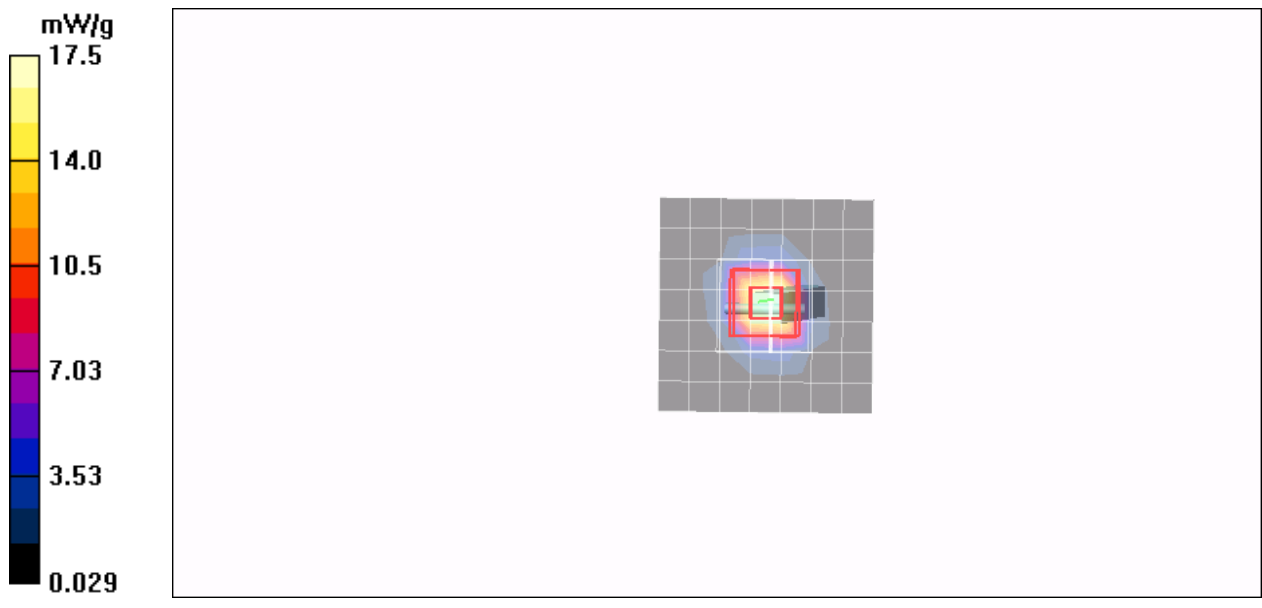
SAR(1 g) = 18.6 mW/g; SAR(10 g) = 4.85 mW/g

Maximum value of SAR (measured) = 27.8 mW/g

Pin=100mW,d=10mm f=5200MHz/Z Scan (1x1x21): Measurement grid:

dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 62.2 mW/g



Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

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

Communication System: CW5GHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5800$ MHz; $\sigma = 6.22$ mho/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5800MHz/Area Scan (8x8x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.4 mW/g

Pin=100mW,d=10mm f=5800MHz/Zoom Scan (8x8x10)/Cube 0:

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

Reference Value = 71.0 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 61.3 W/kg

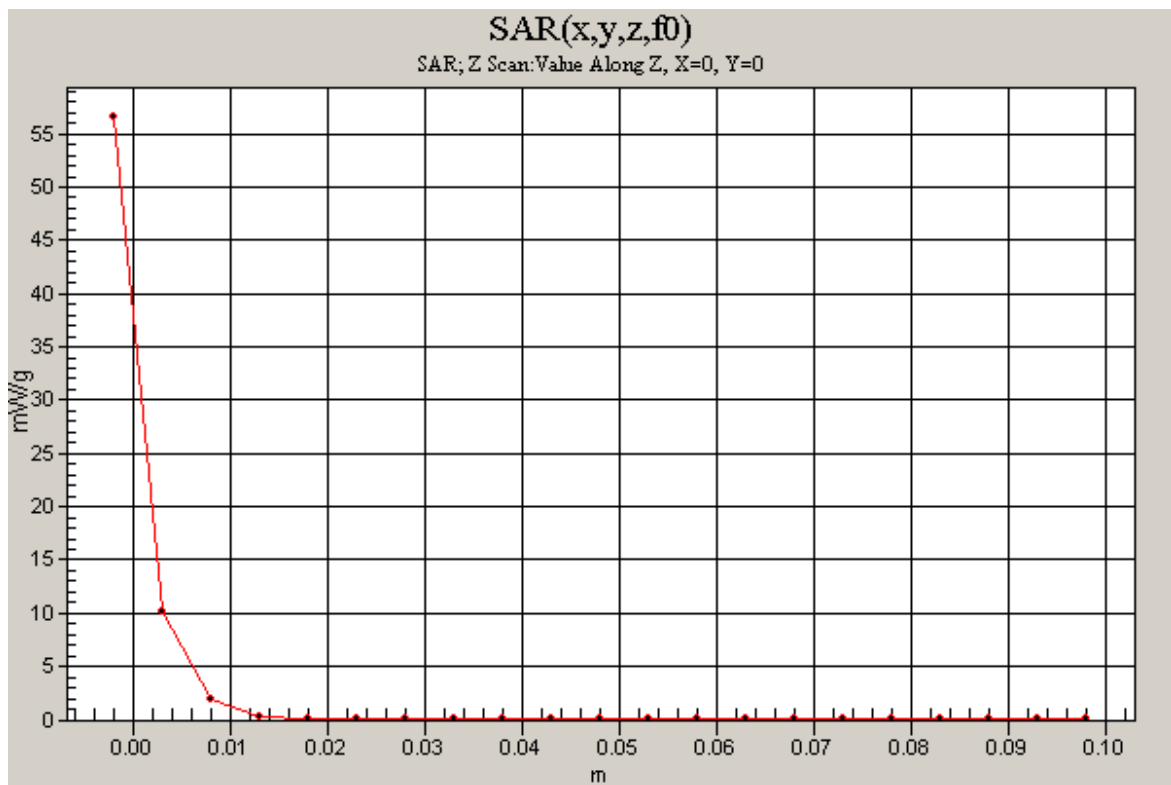
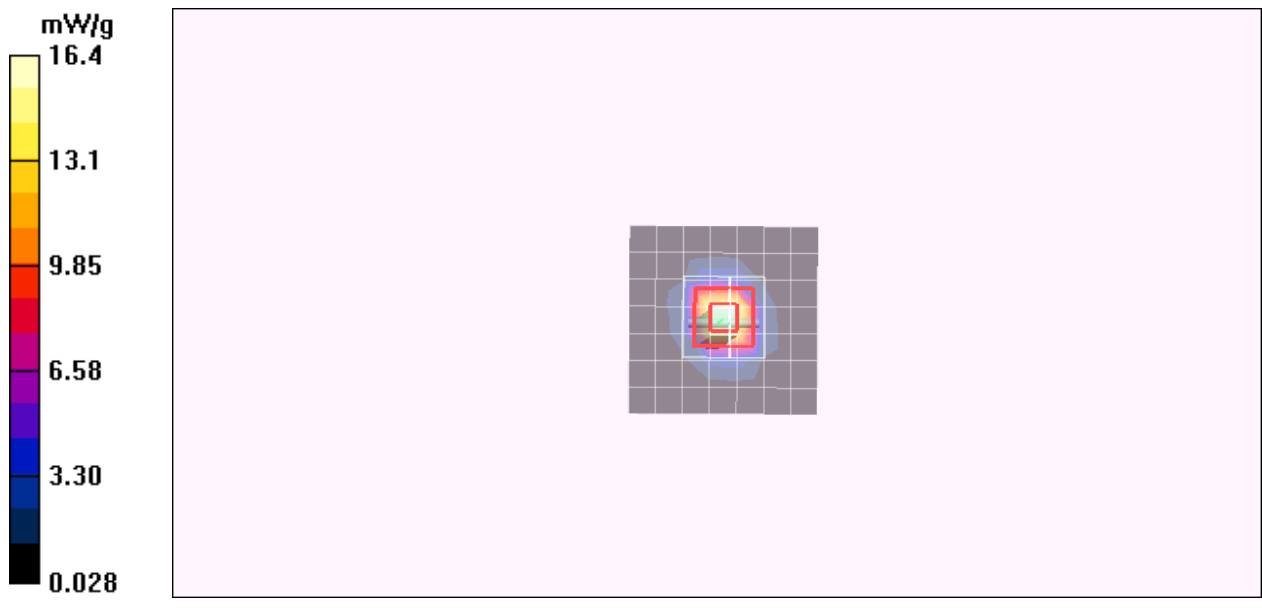
SAR(1 g) = 17.2 mW/g; SAR(10 g) = 4.75 mW/g

Maximum value of SAR (measured) = 25.3 mW/g

Pin=100mW,d=10mm f=5800MHz/Z Scan (1x1x21): Measurement grid:

dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 56.6 mW/g



Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

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

Communication System: CW5Hz; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5200$ MHz; $\sigma = 5.47$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5200MHz/Area Scan (8x8x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.6 mW/g

Pin=100mW,d=10mm f=5200MHz/Zoom Scan (8x8x10)/Cube 0:

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

Reference Value = 78.9 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 60.0 W/kg

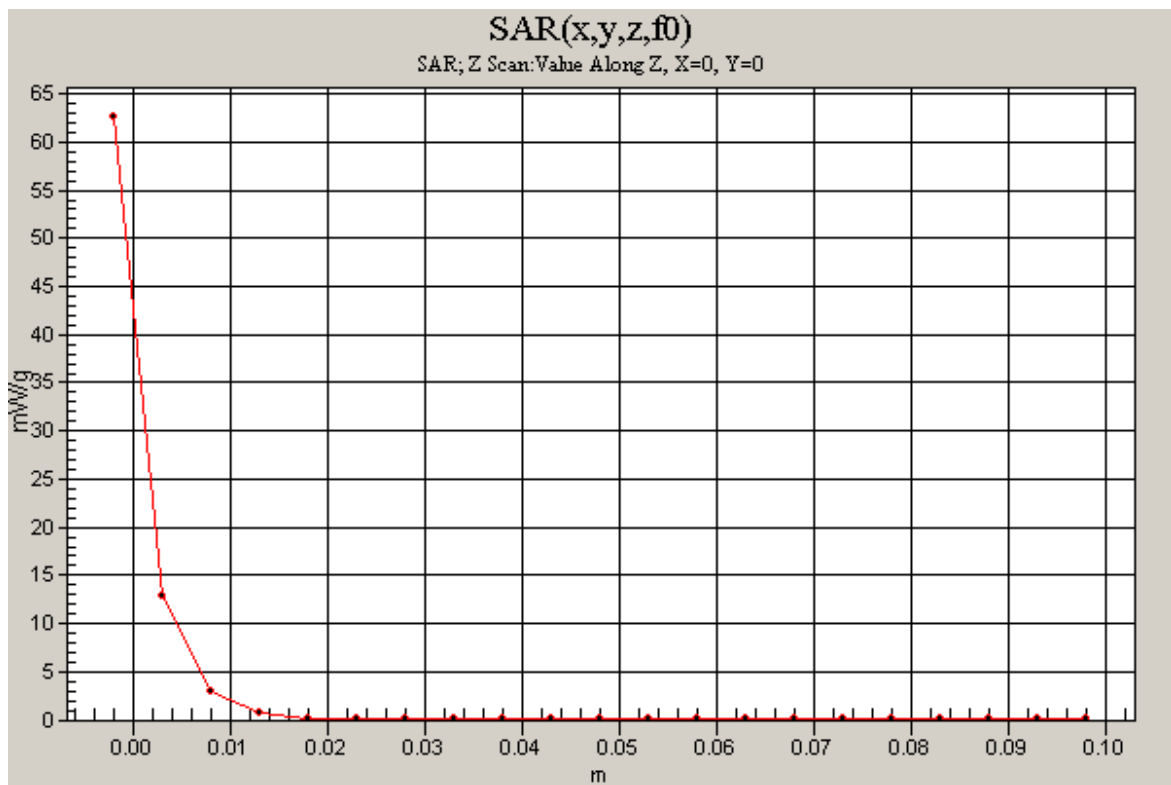
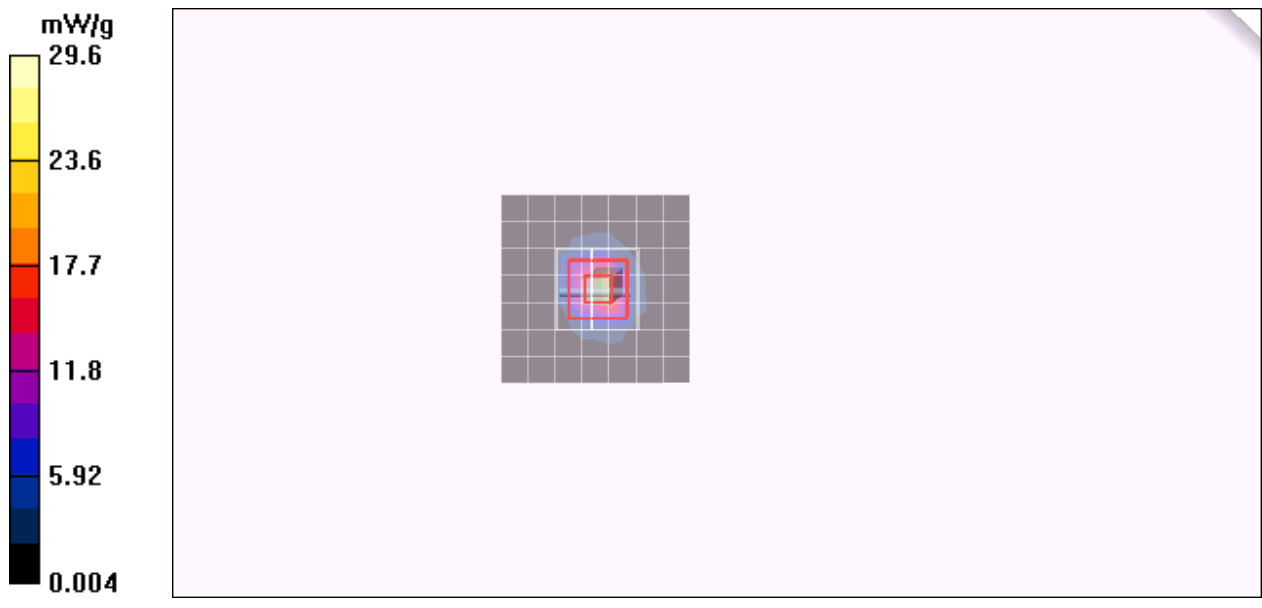
SAR(1 g) = 19.2 mW/g; SAR(10 g) = 5.23 mW/g

Maximum value of SAR (measured) = 29.6 mW/g

Pin=100mW,d=10mm f=5200MHz/Z Scan (1x1x21): Measurement grid:

dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 62.6 mW/g



Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1004

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

Communication System: CW5Hz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5800$ MHz; $\sigma = 6.26$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5800MHz/Area Scan (8x8x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 17.5 mW/g

Pin=100mW,d=10mm f=5800MHz/Zoom Scan (8x8x10)/Cube 0:

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

Reference Value = 70.7 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 66.3 W/kg

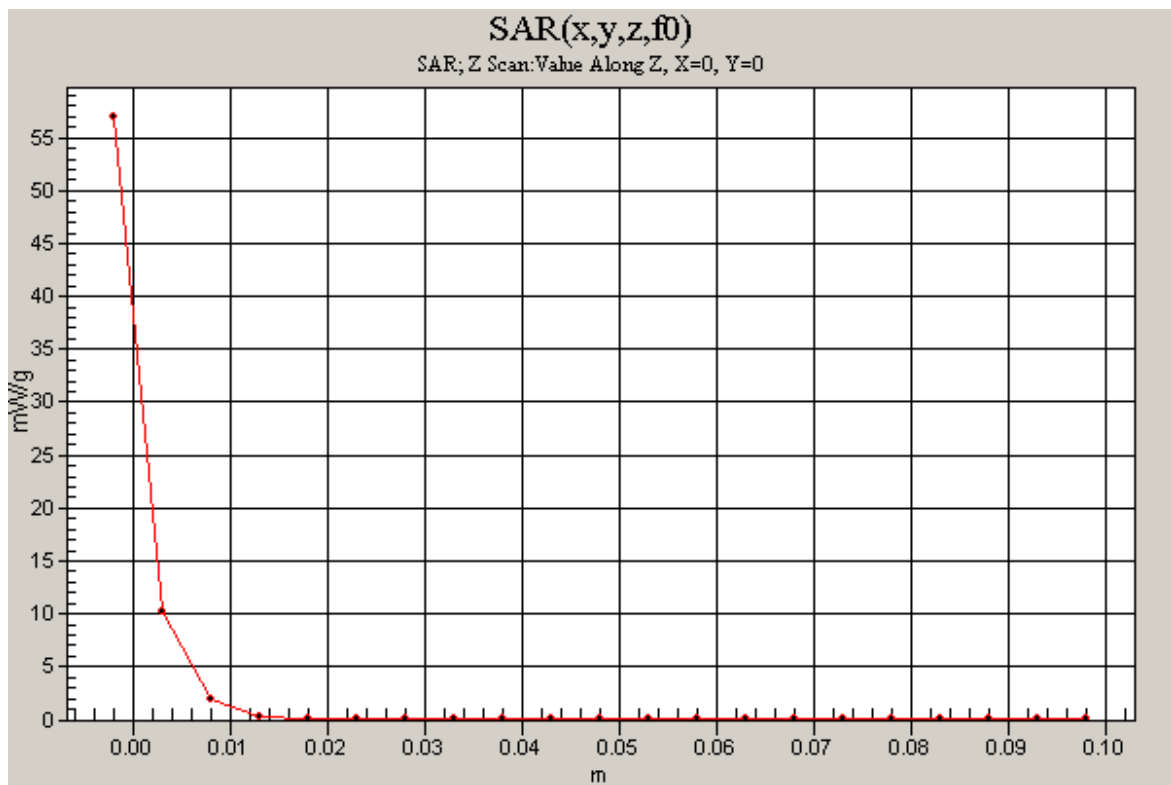
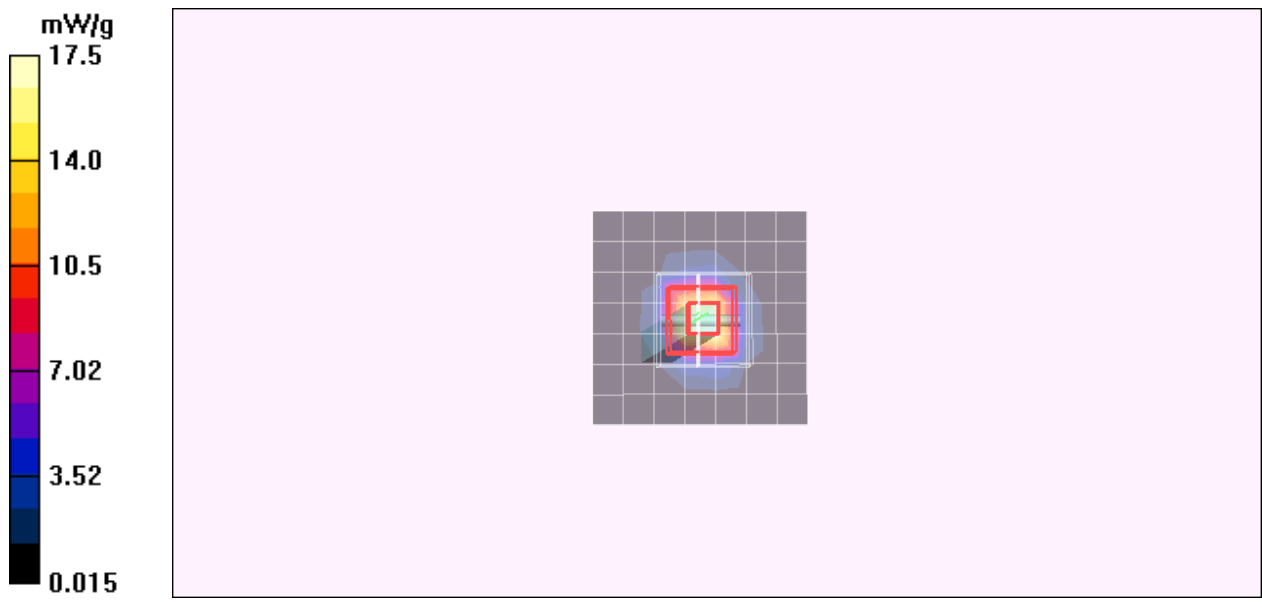
SAR(1 g) = 17.9 mW/g; SAR(10 g) = 4.89 mW/g

Maximum value of SAR (measured) = 27.1 mW/g

Pin=100mW,d=10mm f=5800MHz/Z Scan (1x1x21): Measurement grid:

dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 57.0 mW/g



Test Laboratory: The name of your organization

80211b Bottom Flat mode MICA-101 antenna

DUT: MICA-101; Type: MICA-101; 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 1M/Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.343 mW/g

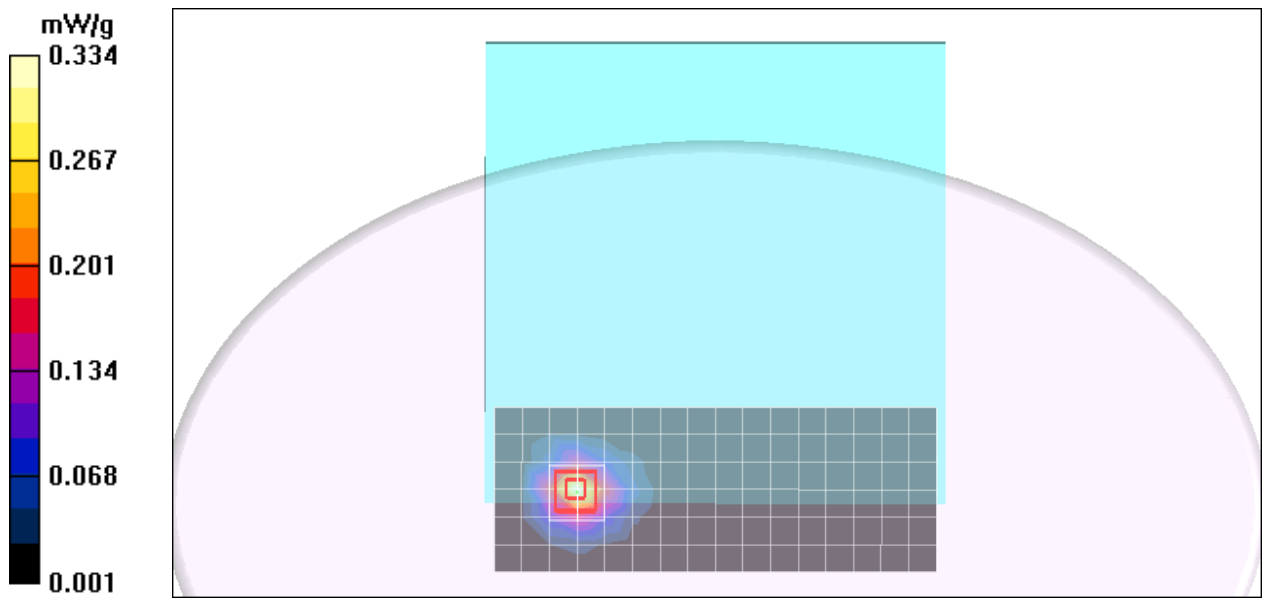
Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.910 V/m; Power Drift = -1.19 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



Test Laboratory: The name of your organization

80211b Bottom Flat mode MICA-101 antenna 2

DUT: MICA-101; Type: MICA-101; 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

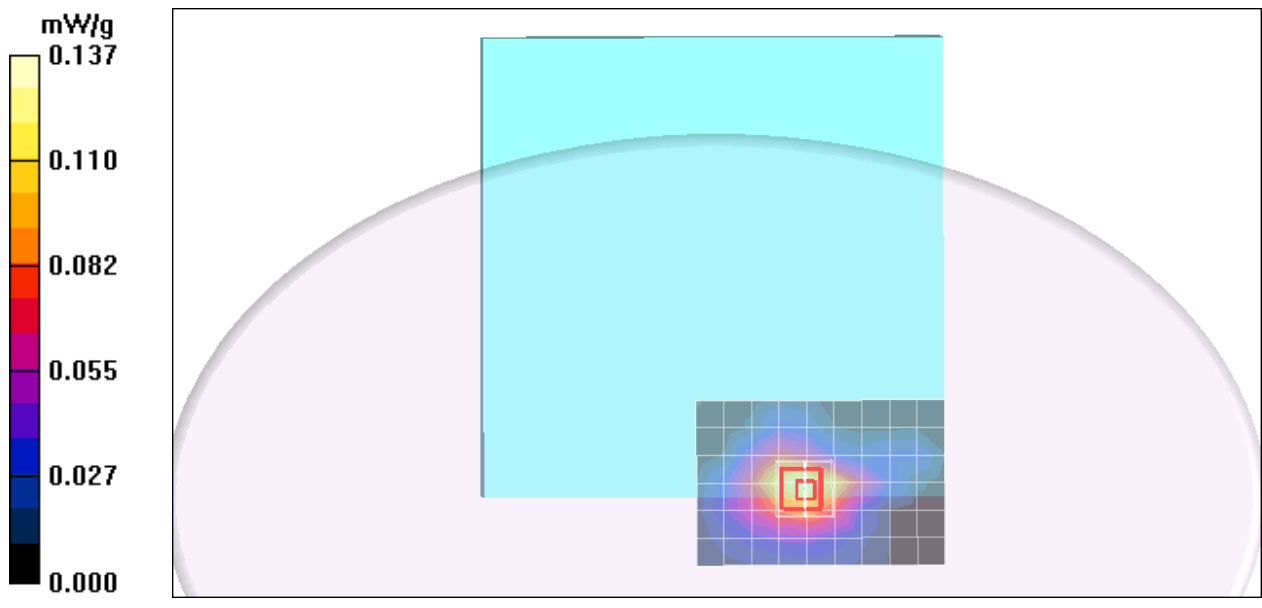
dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.97 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.137 mW/g



Test Laboratory: The name of your organization

80211g Bottom Flat mode MICA-101 antenna 1

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11g 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH Rate 6M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.137 mW/g

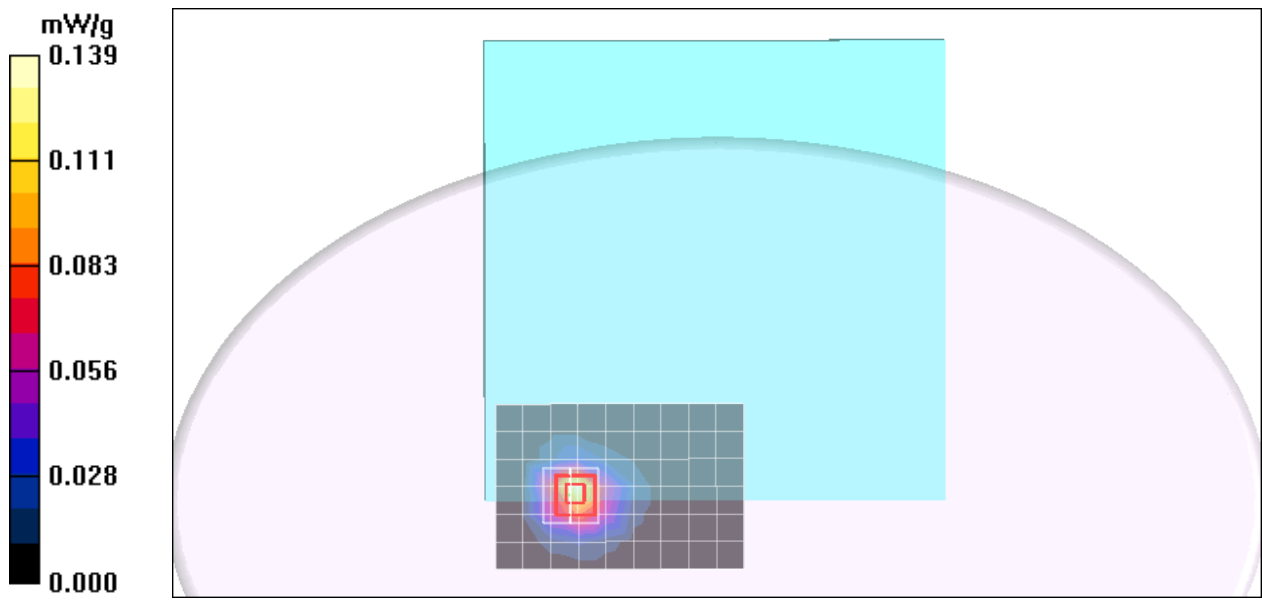
Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

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

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



Test Laboratory: The name of your organization

80211g Bottom Flat mode MICA-101 antenna 2

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11g 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

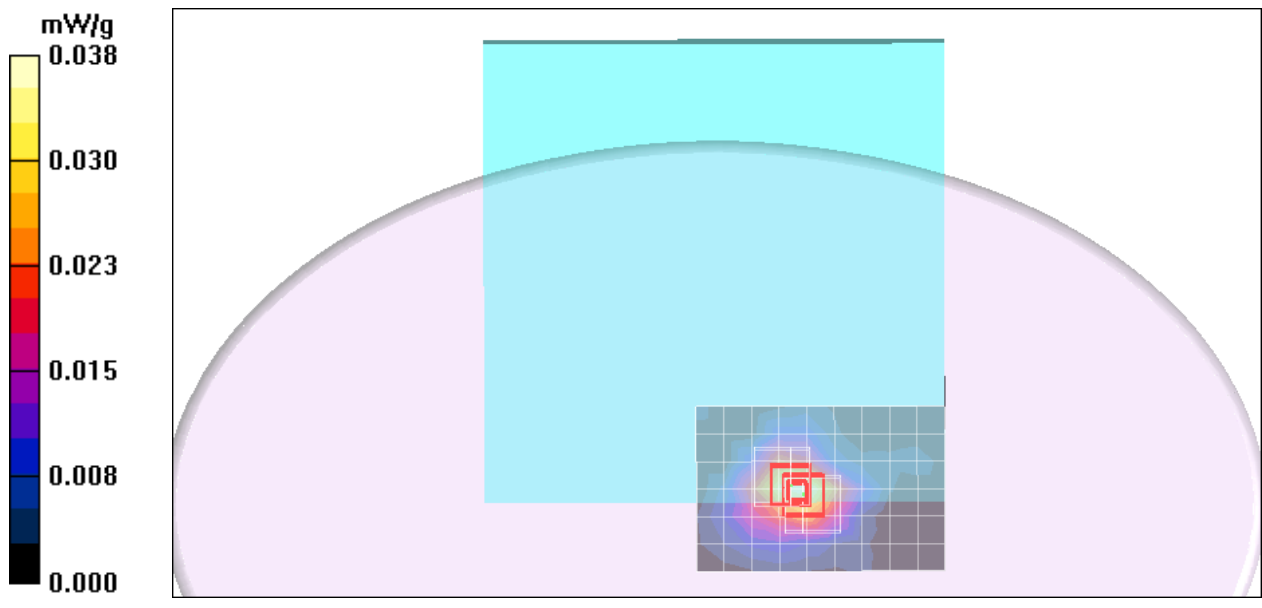
DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH Rate 6M/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.039 mW/g

Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.71 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.058 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.040 mW/g

Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.71 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.058 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.038 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211g Bottom Flat mode MICA-100 HT20 antenna 1

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11g HT20; 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH Rate 6.5M/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

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

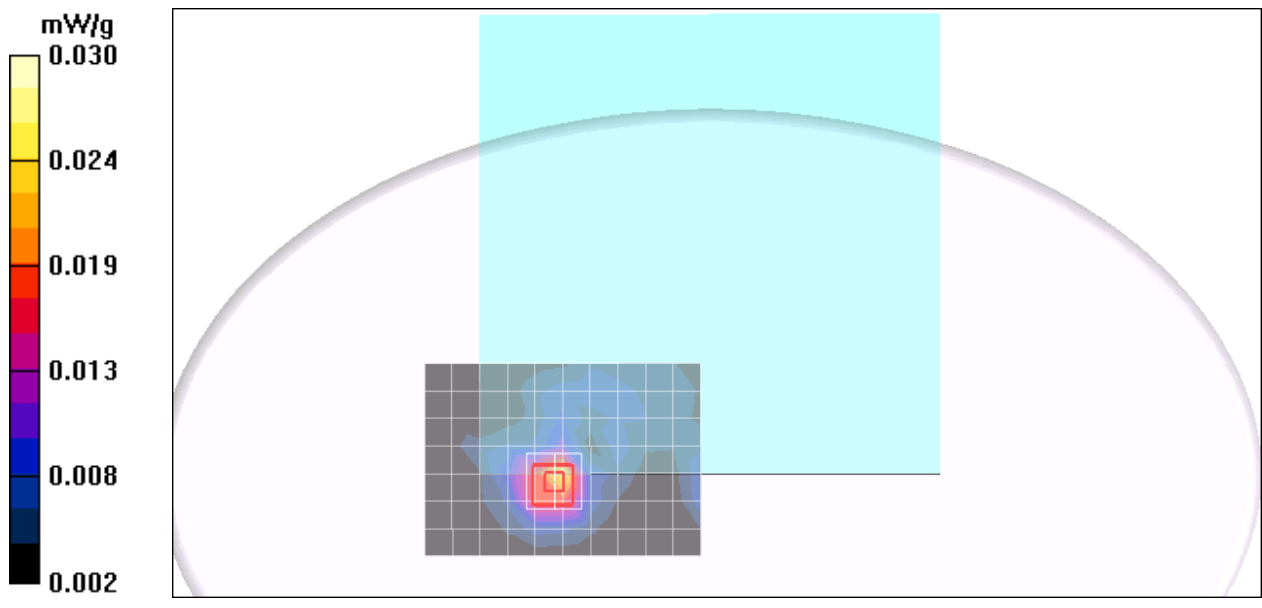
Low CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.48 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.015 mW/g

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



Test Laboratory: The name of your organization

80211g Bottom Flat mode MICA-010 HT20 antenna 2

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11g HT20; 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH Rate 6.5M/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.033 mW/g

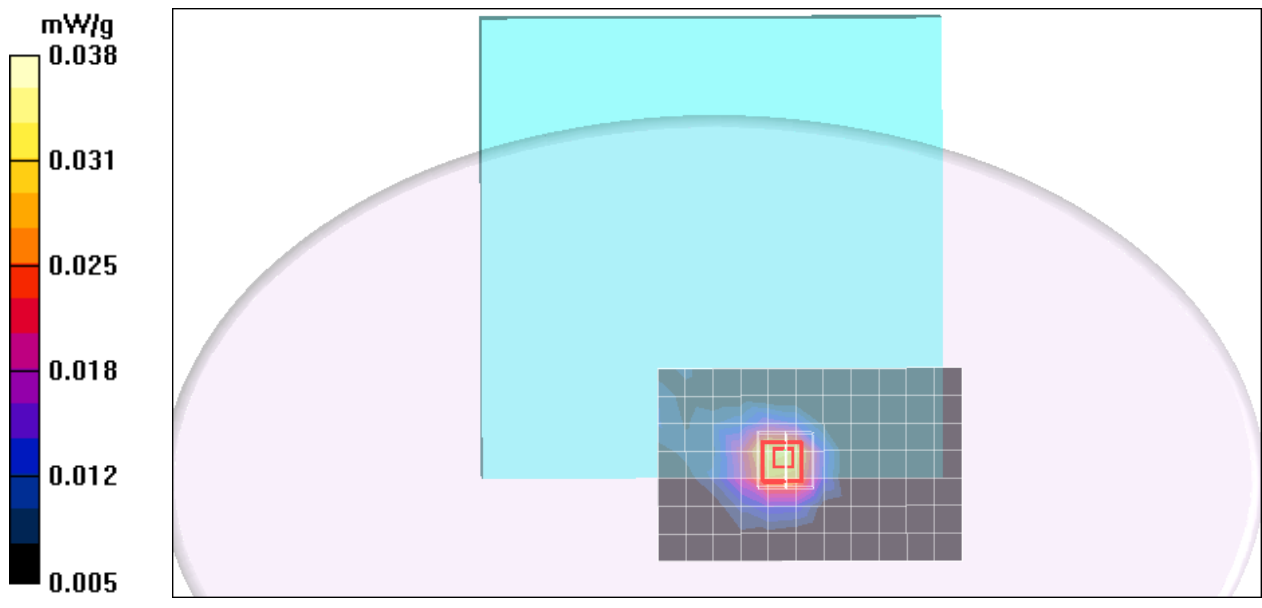
Low CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.26 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.022 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211g Bottom Flat mode MICA-100 HT40 antenna 1

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11g HT 40; 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

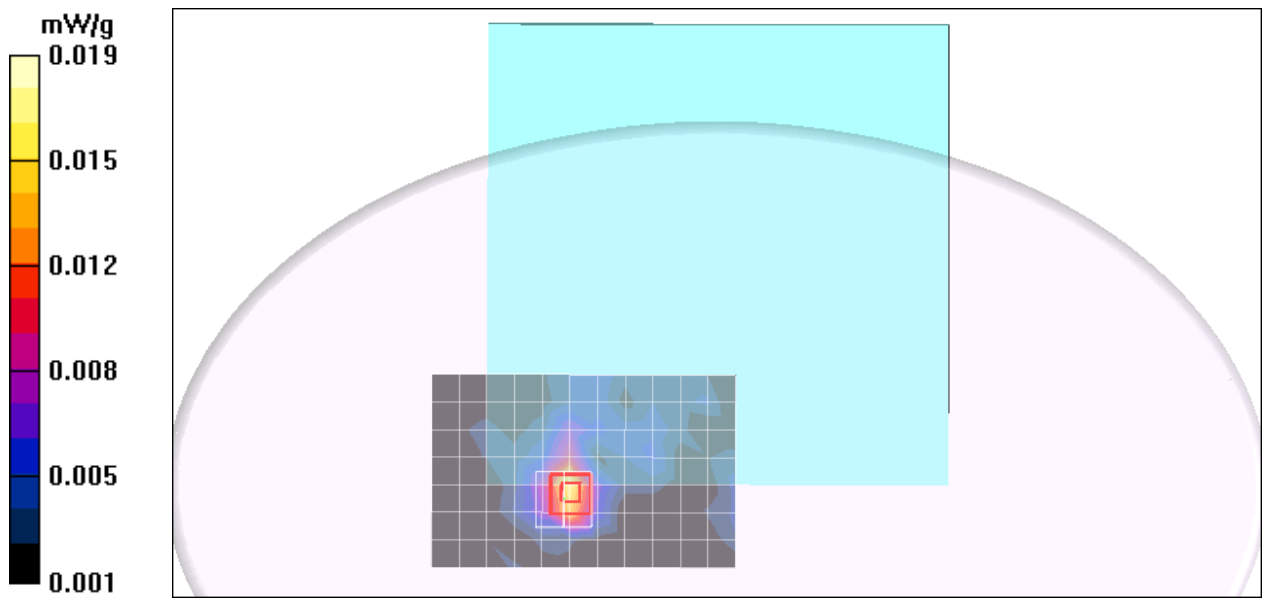
Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.22 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.019 mW/g



Test Laboratory: The name of your organization

80211g Bottom Flat mode MICA-010 HT40 antenna 2

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11n HT 40; 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: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

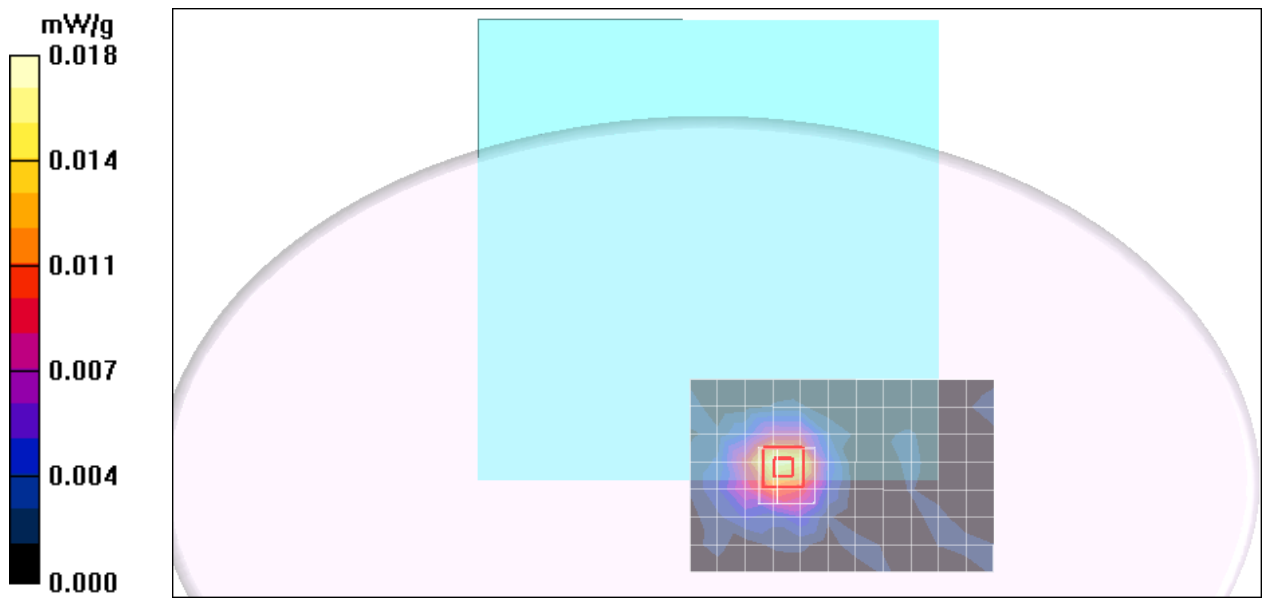
Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.56 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5180 Rate=6M/Area Scan (10x26x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.557 mW/g

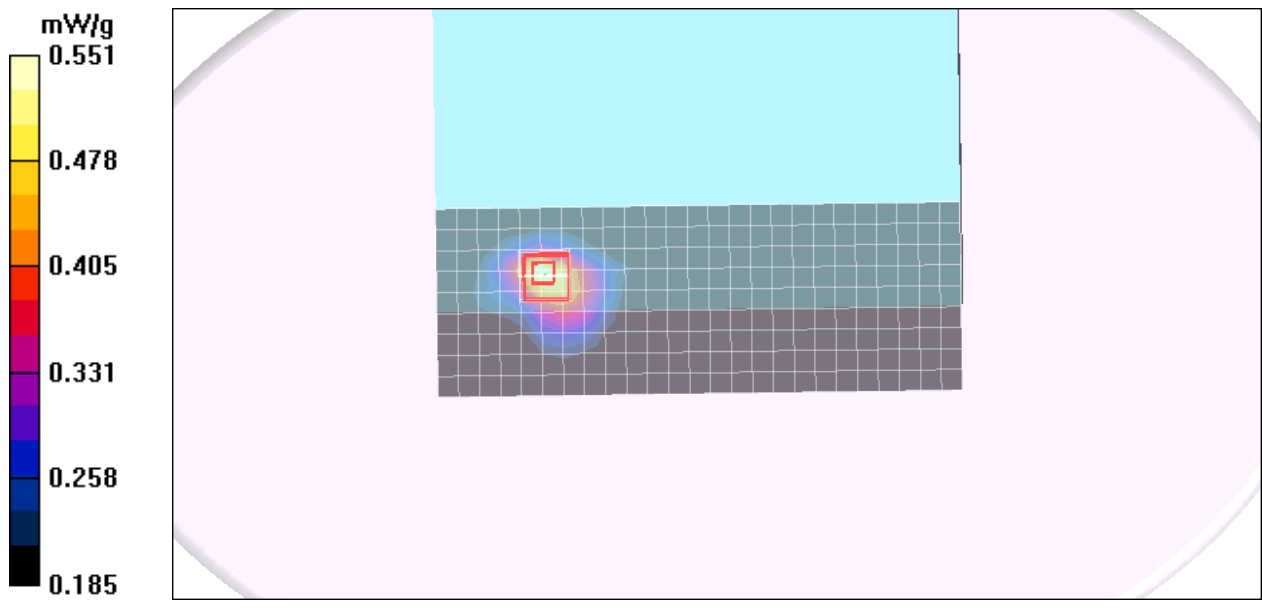
UNII CH5180 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.82 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.551 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5240 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.508 mW/g

UNII CH5240 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

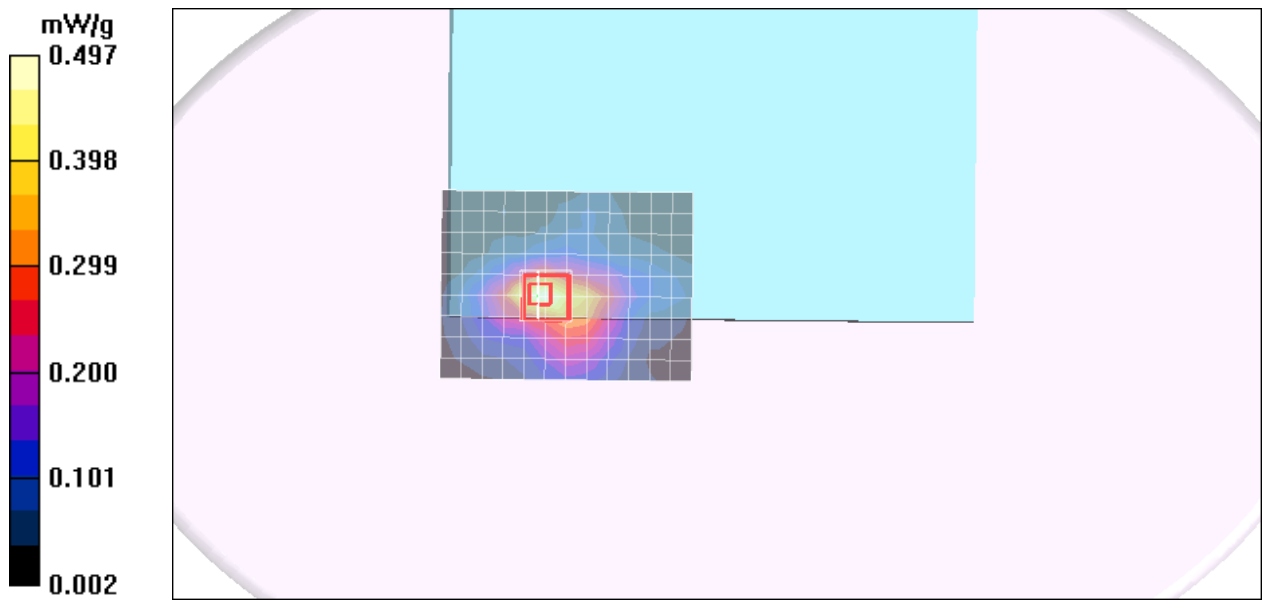
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.35 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.497 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5280 Rate=6M/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.583 mW/g

UNII CH5280 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

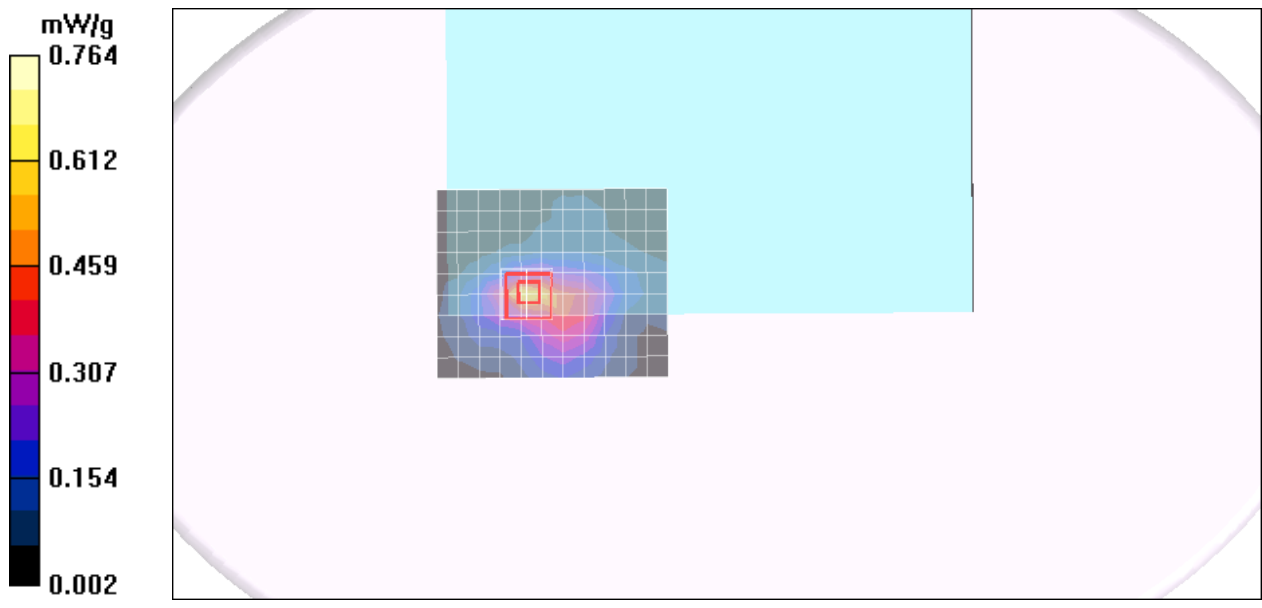
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.56 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.604 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5300$ MHz; $\sigma = 5.57$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5300 Rate=6M/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.645 mW/g

DTS CH5300 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.06 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.133 mW/g

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

DTS CH5300 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

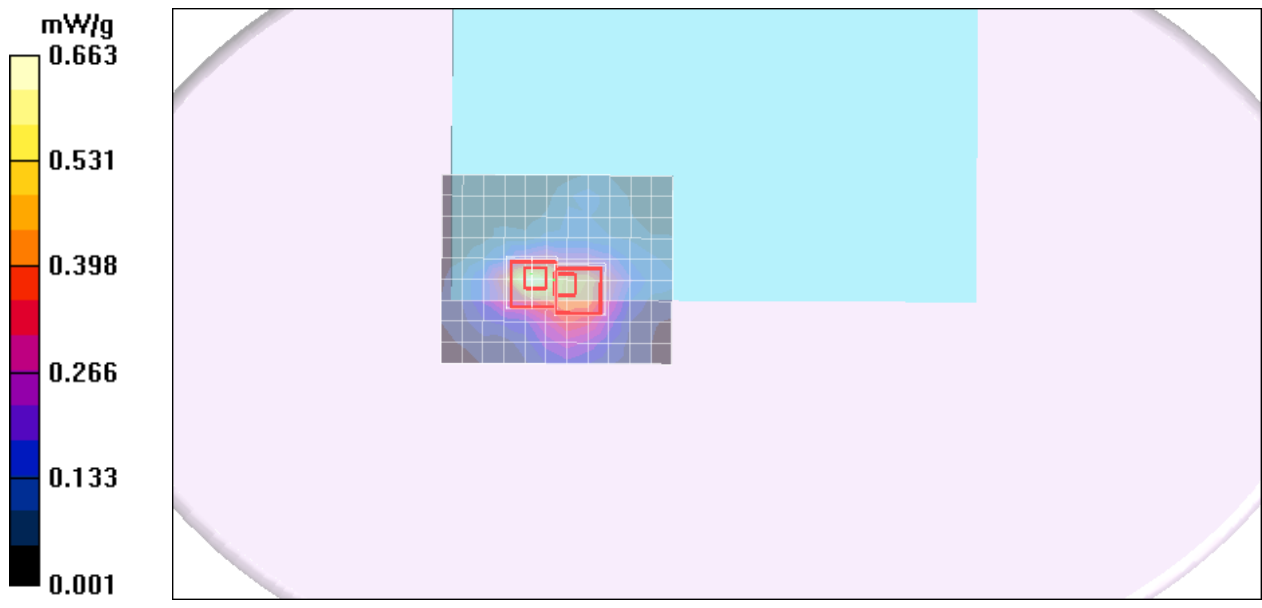
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.06 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5500$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5500 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.453 mW/g

DTS CH5500 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.99 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.550 mW/g

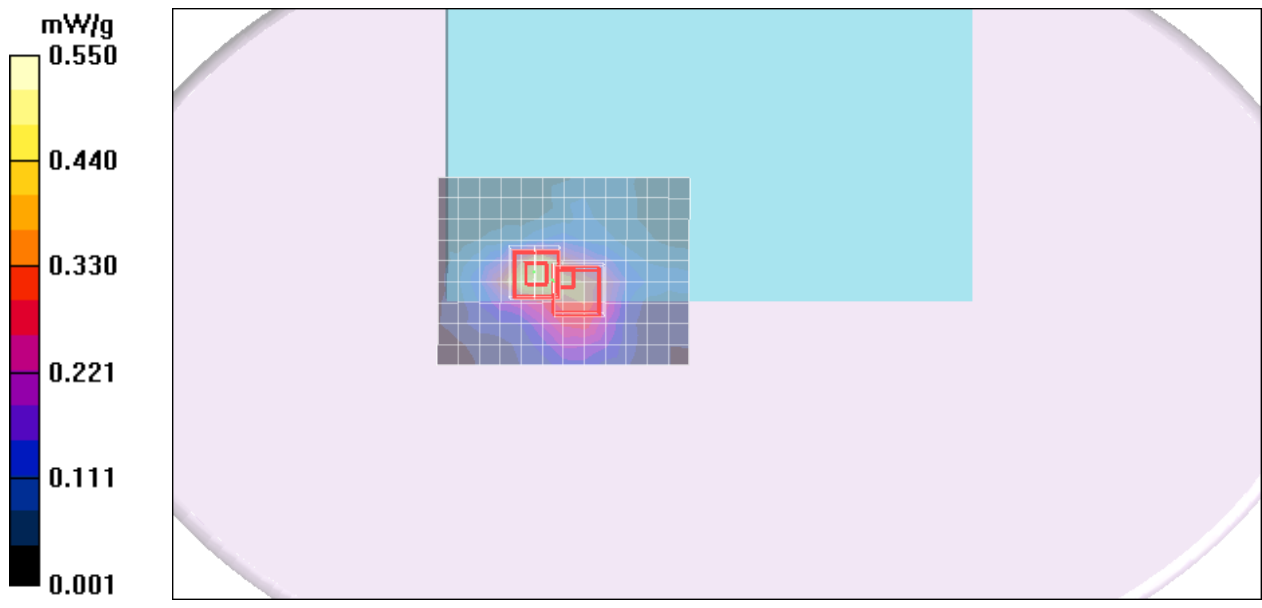
DTS CH5500 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.99 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5560$ MHz; $\sigma = 5.91$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5560 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.400 mW/g

DTS CH5560 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.97 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.516 mW/g

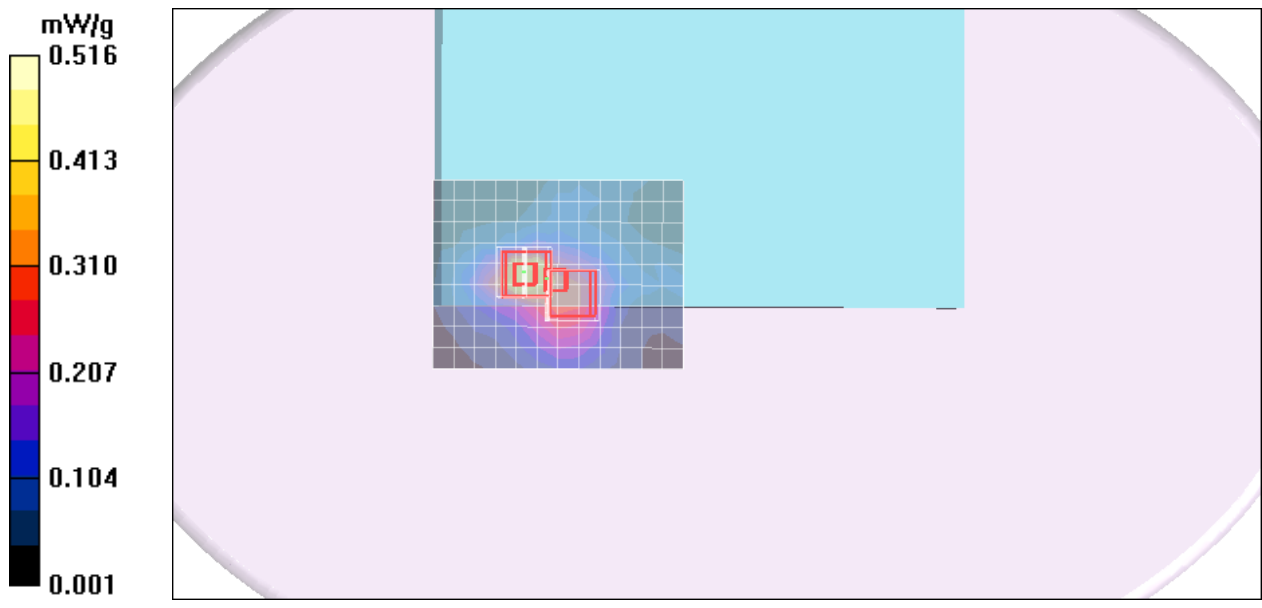
DTS CH5560 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.97 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.340 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5620$ MHz; $\sigma = 5.98$ mho/m; $\epsilon_r = 46.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5620 Rate=6M/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.550 mW/g

DTS CH5620 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

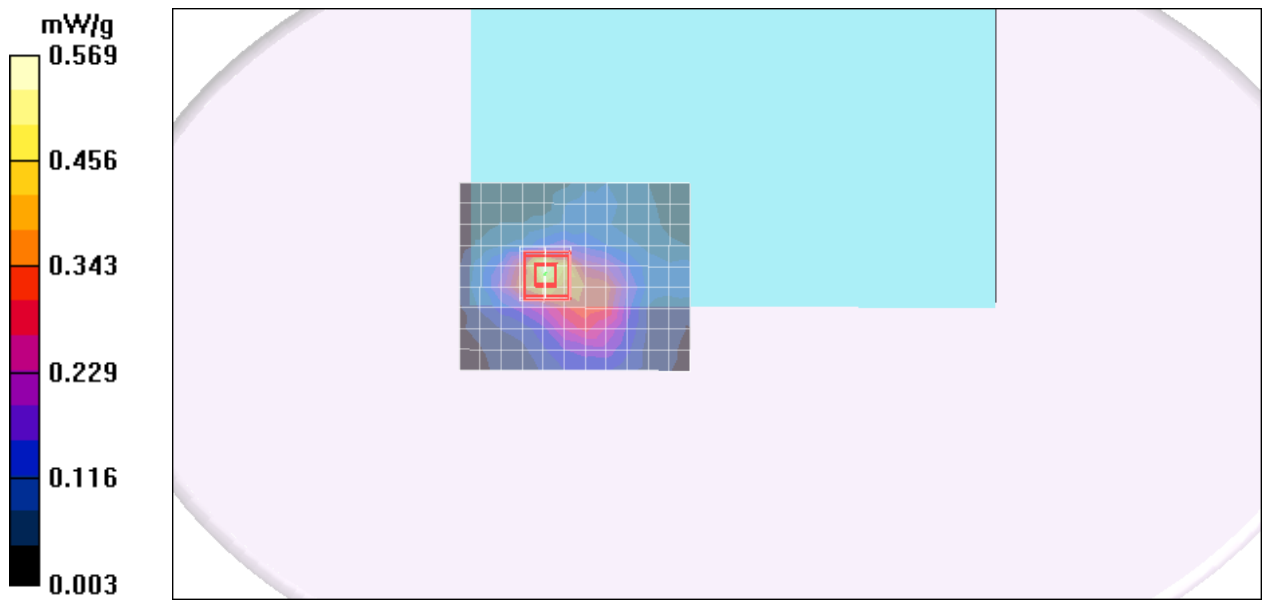
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.13 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.569 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5660$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5660 Rate=6M/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.699 mW/g

DTS CH5660 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

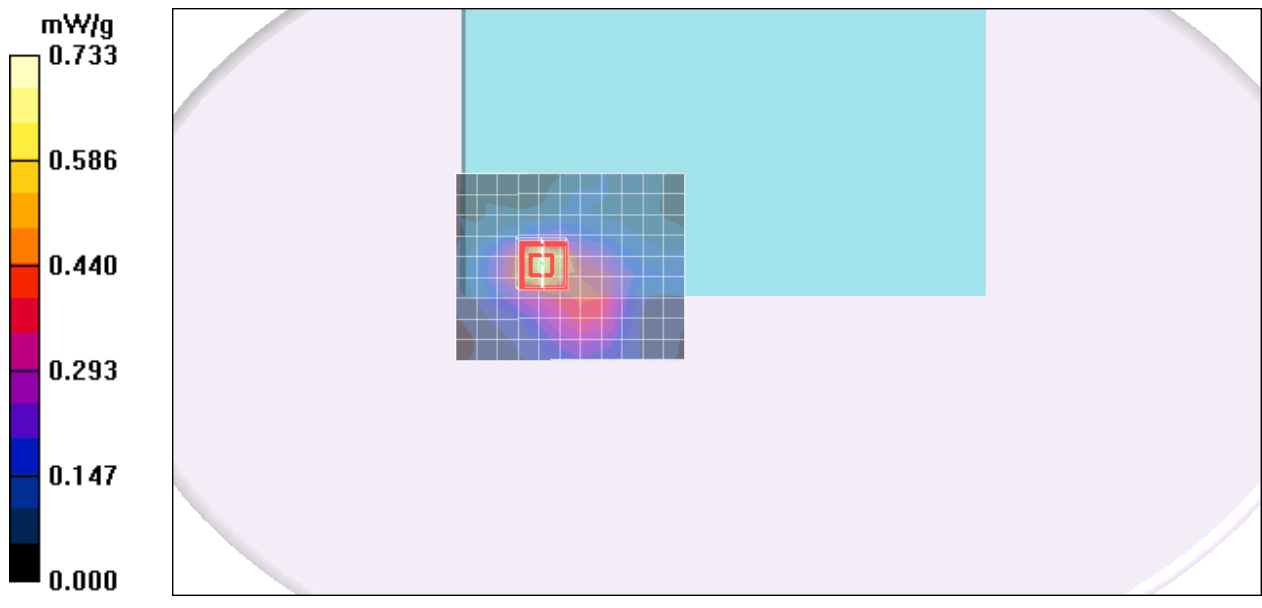
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.79 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.733 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-100 antenna 1F

DUT: MICA-101; Type: MICA-101; 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; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5745 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.692 mW/g

DTS CH5745 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.73 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.823 mW/g

DTS CH5745 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.73 V/m; Power Drift = -0.046 dB

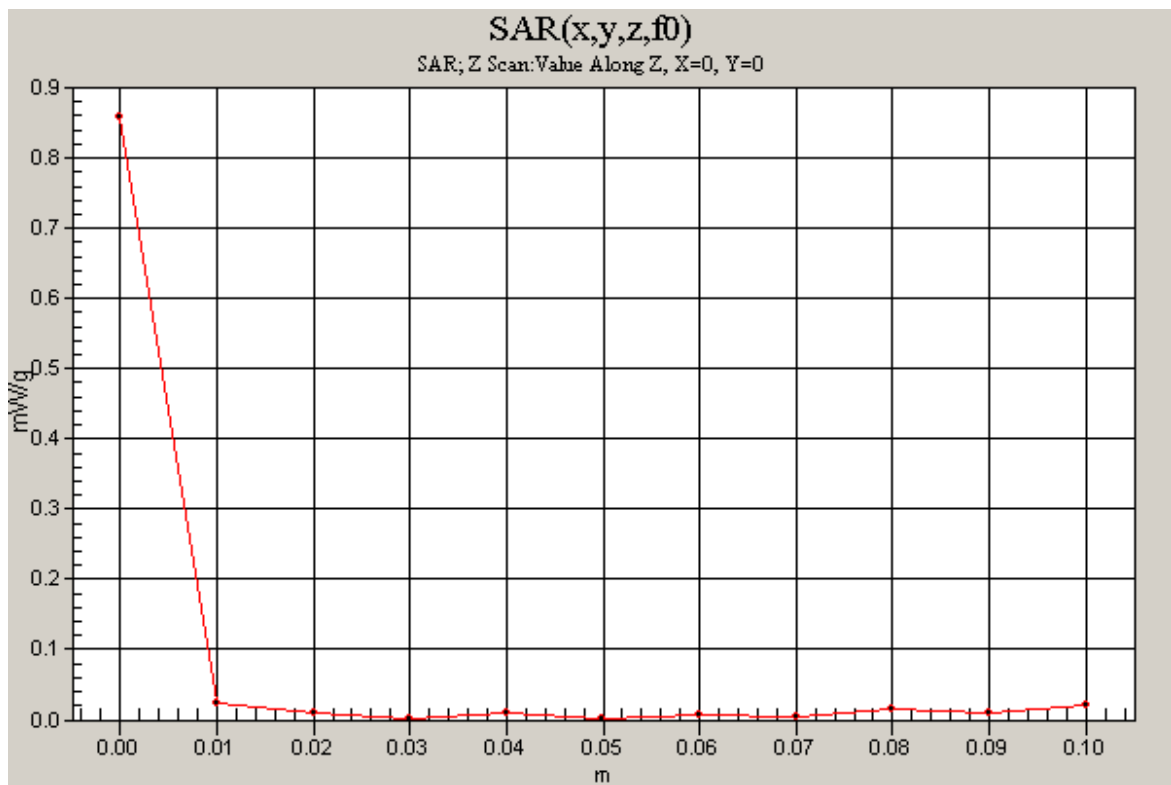
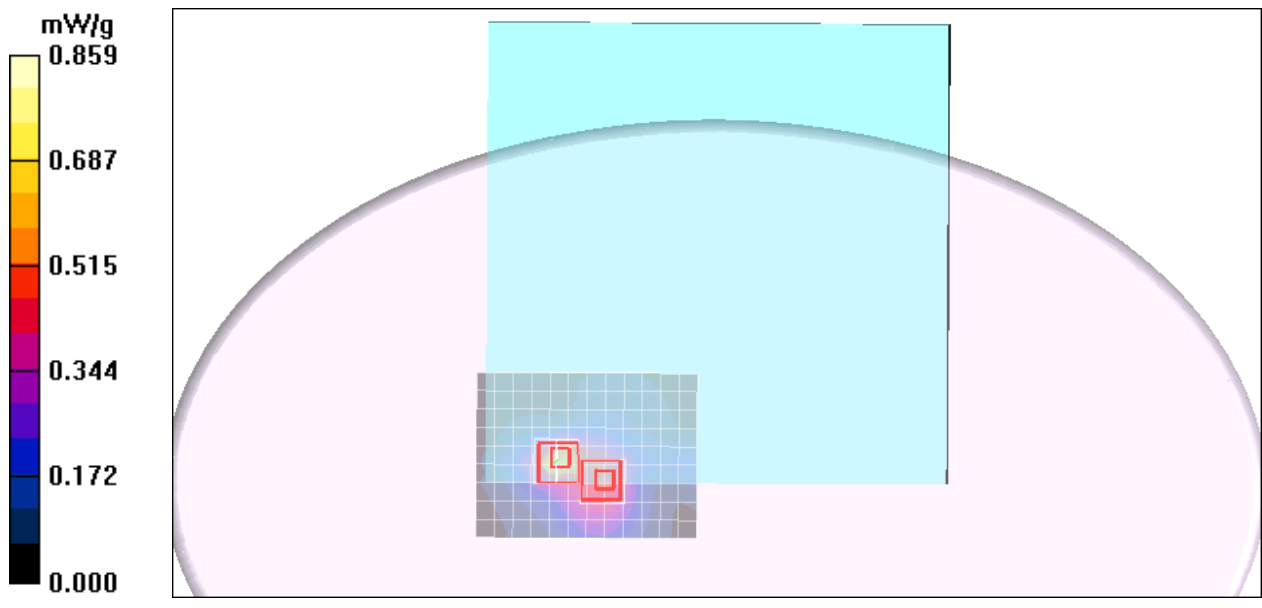
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.495 mW/g

DTS CH5745 Rate=6M/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.859 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-100 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5785 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

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

DTS CH5785 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.10 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.102 mW/g

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

DTS CH5785 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

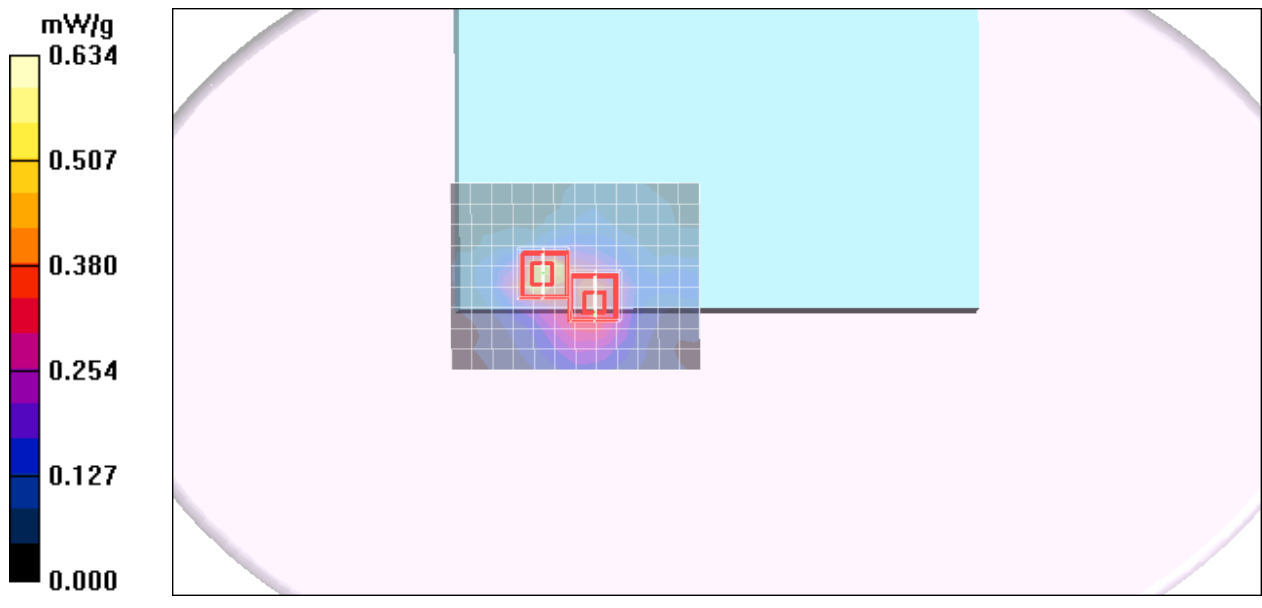
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.10 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.381 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5180 Rate=6M/Area Scan (10x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.385 mW/g

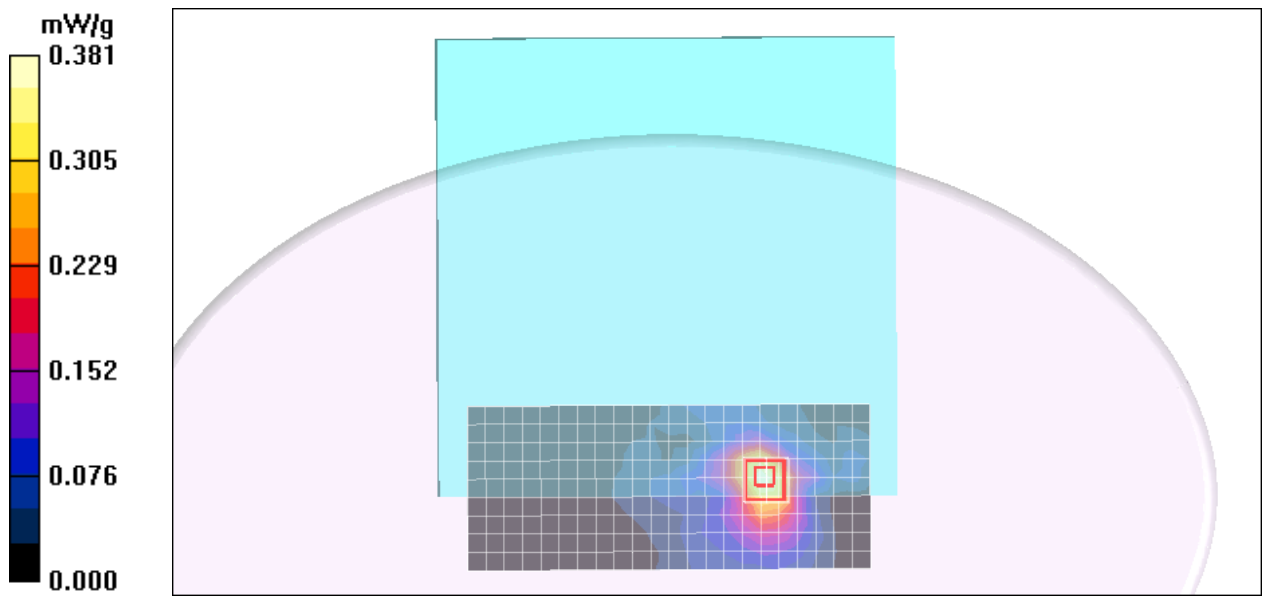
UNII CH5180 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.64 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.381 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5240 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.422 mW/g

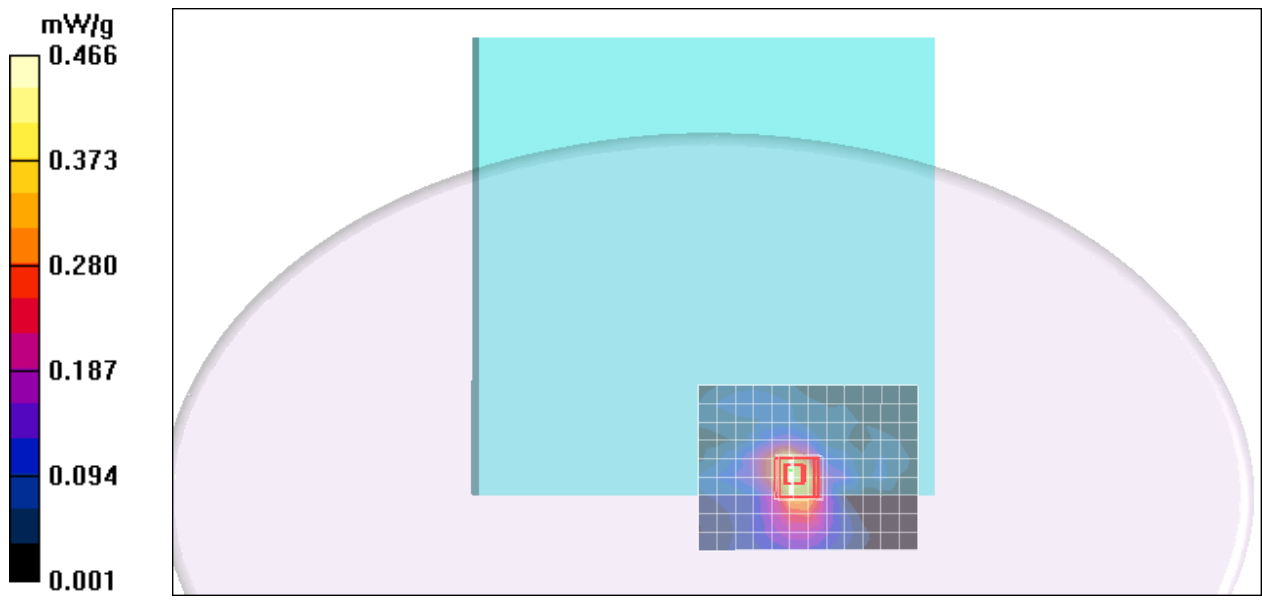
UNII CH5240 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.62 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.466 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5280 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.466 mW/g

UNII CH5280 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

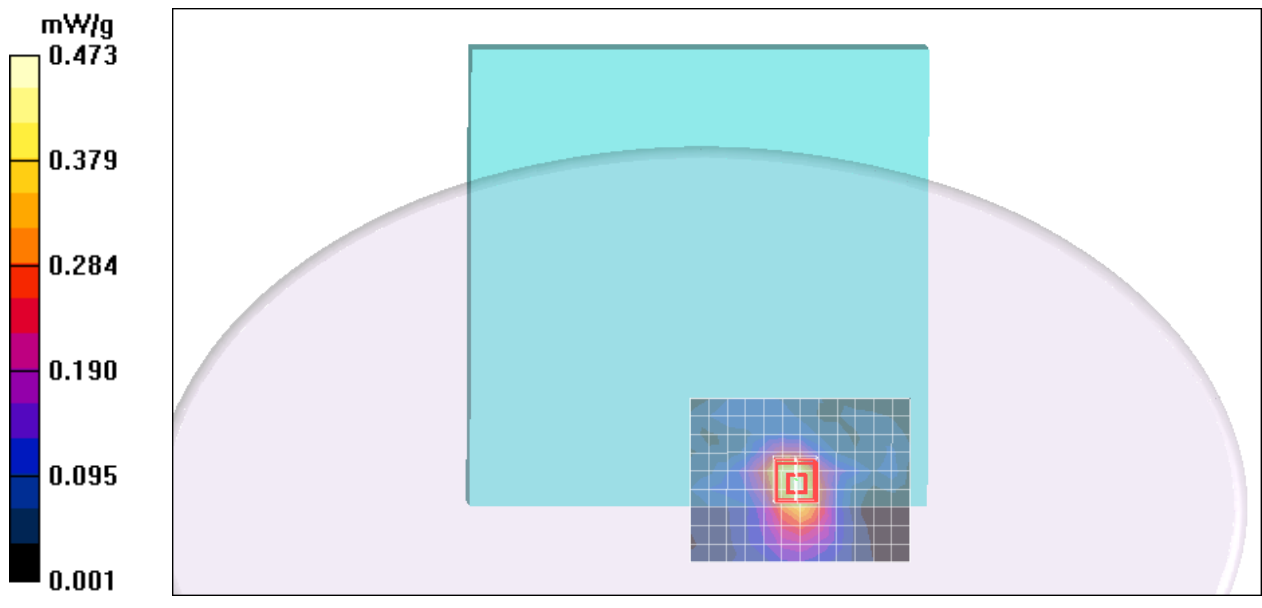
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.62 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.473 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5300$ MHz; $\sigma = 5.57$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5300 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.470 mW/g

DTS CH5300 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

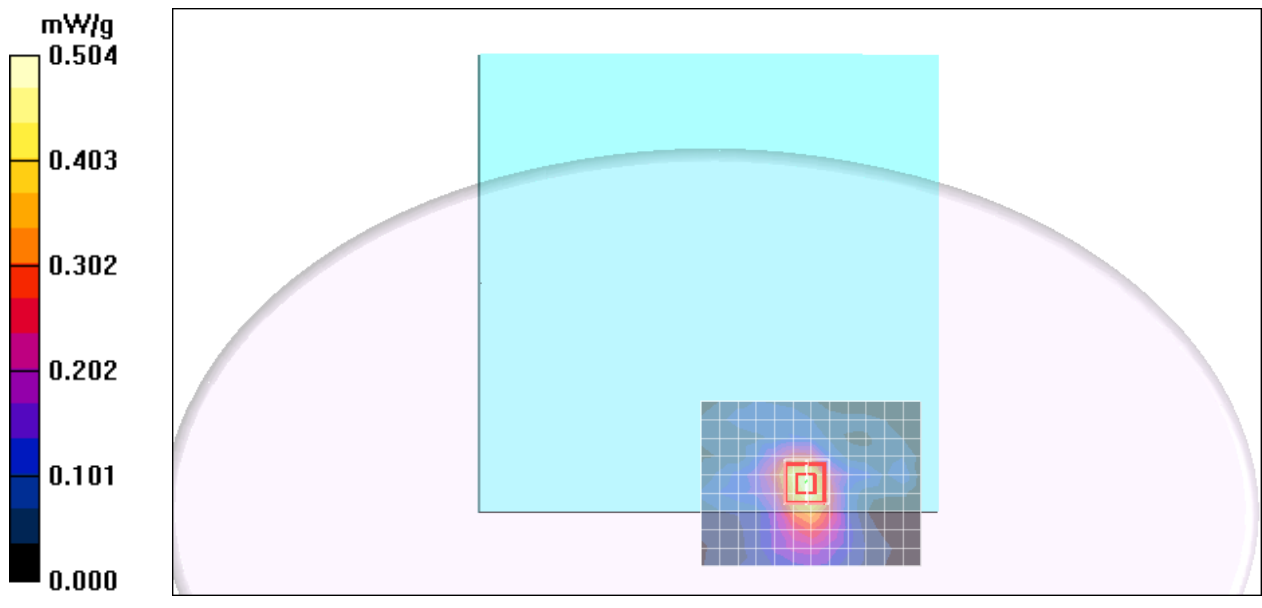
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.46 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used: $f = 5520$ MHz; $\sigma = 5.85$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5500 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

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

DTS CH5500 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

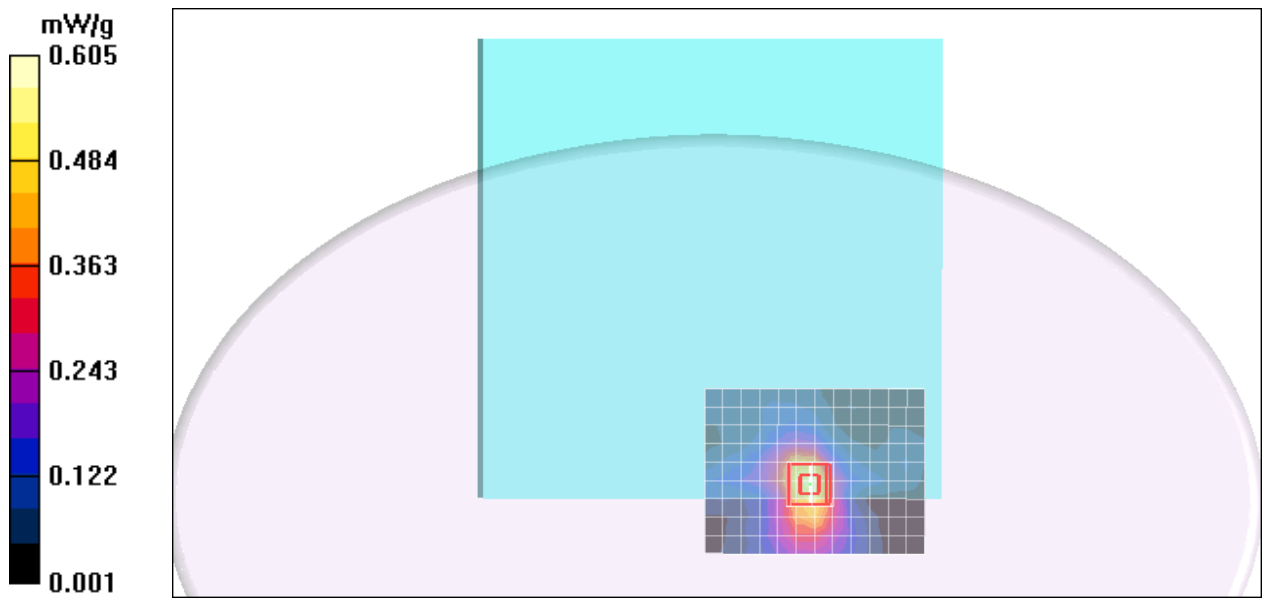
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.00 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.575 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5560$ MHz; $\sigma = 5.91$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5560 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.506 mW/g

DTS CH5560 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

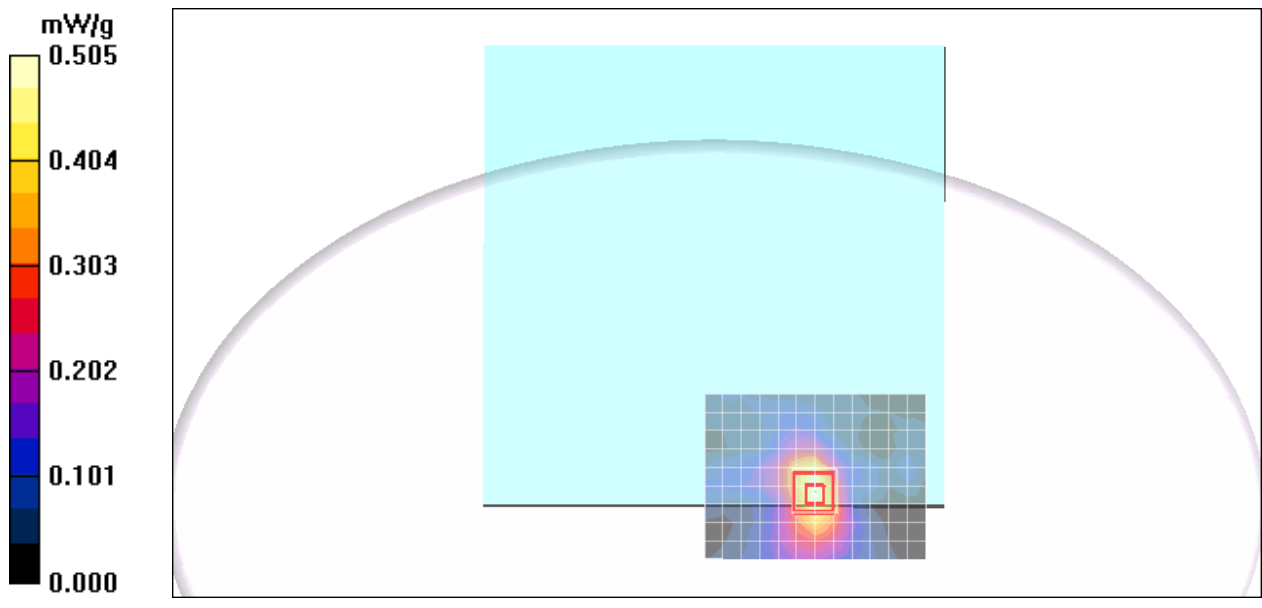
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.61 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.505 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5620$ MHz; $\sigma = 5.98$ mho/m; $\epsilon_r = 46.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5620 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.536 mW/g

DTS CH5620 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

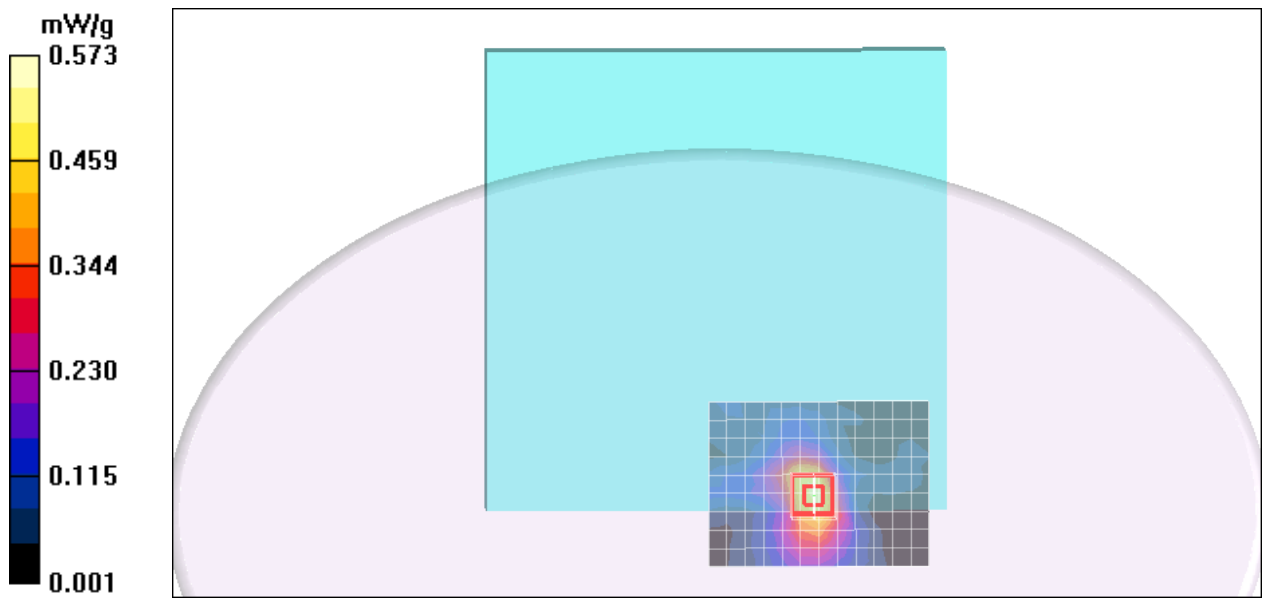
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.47 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5660$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5660 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.607 mW/g

DTS CH5660 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

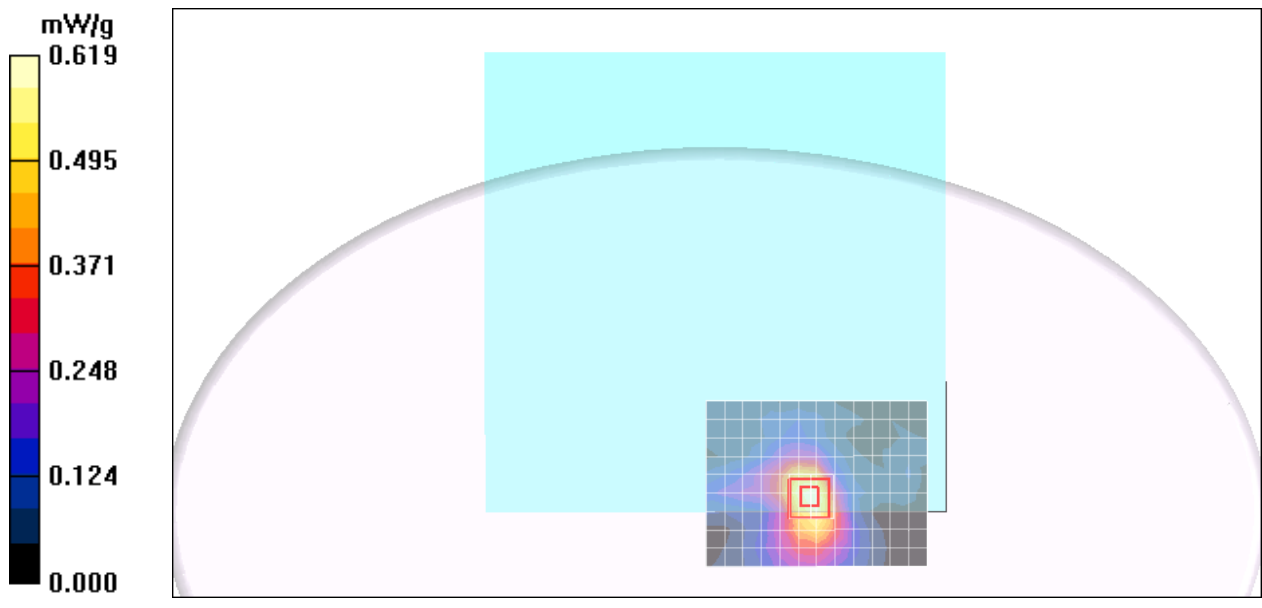
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.95 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.619 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; 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; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5745 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.700 mW/g

DTS CH5745 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

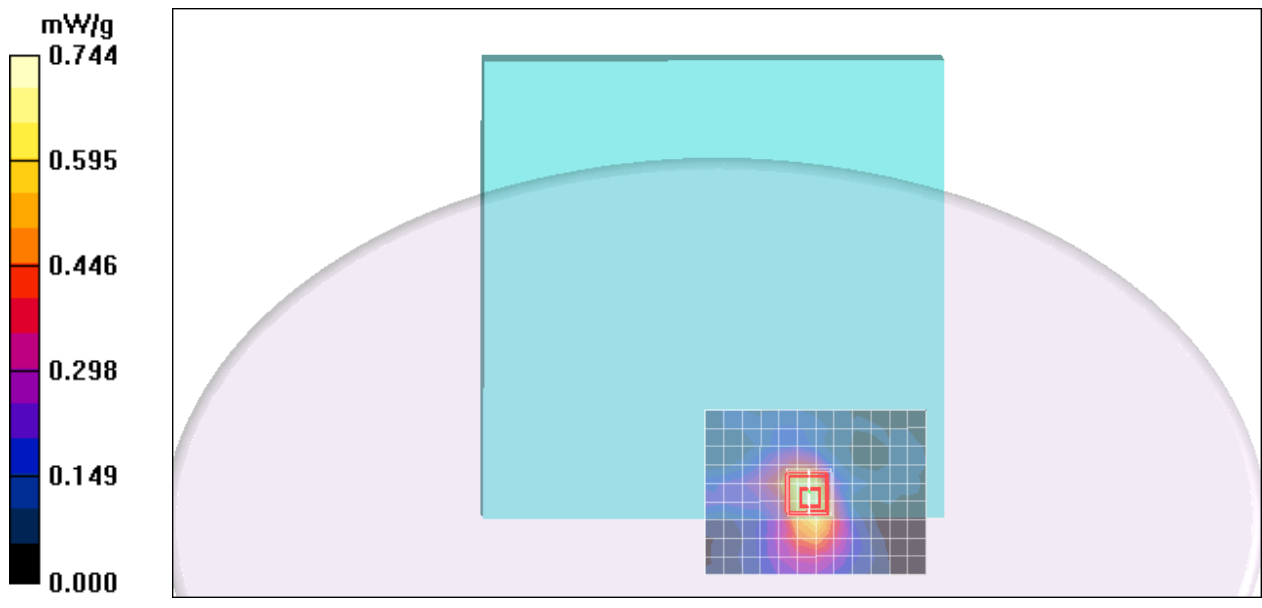
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.67 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.744 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-010 antenna

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5785 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.633 mW/g

DTS CH5785 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

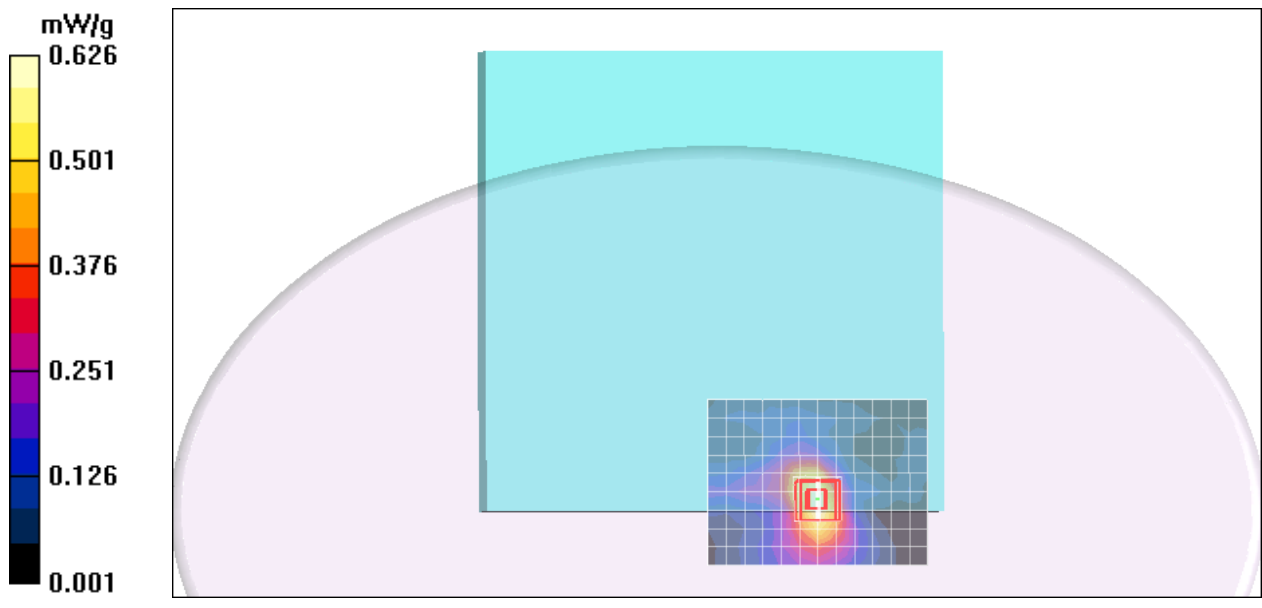
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.24 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.626 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5180 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

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

UNII CH5180 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 2.39 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.158 mW/g

UNII CH5180 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

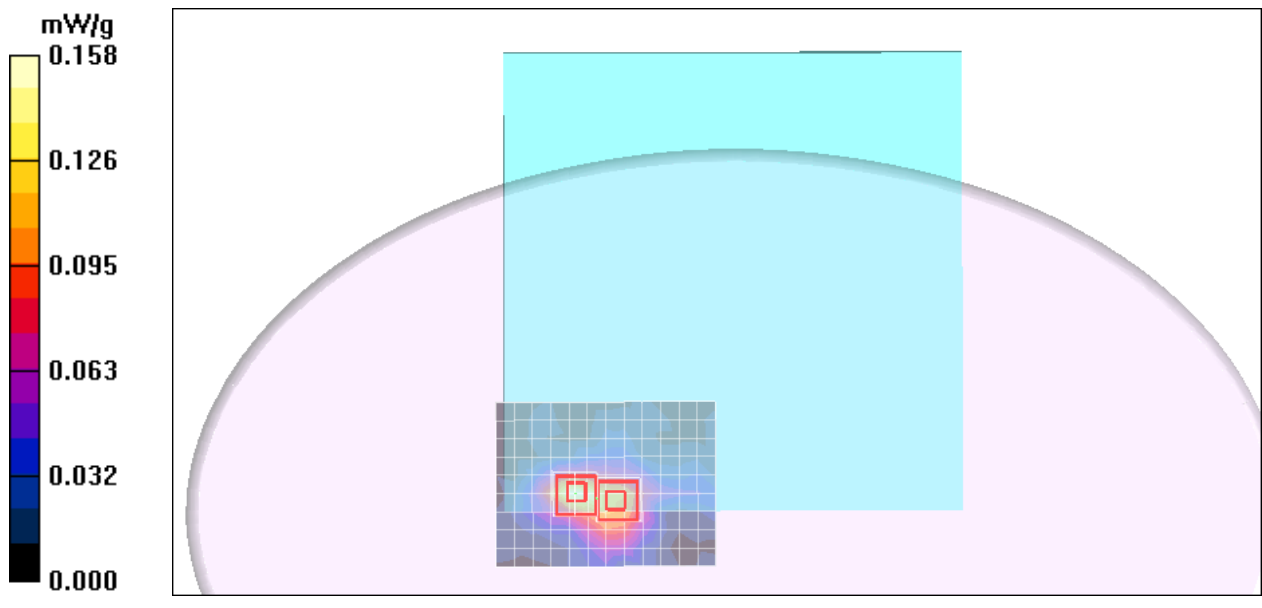
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 2.39 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.039 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.53$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5240 Rate=6.5M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.229 mW/g

UNII CH5240 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.68 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.276 mW/g

UNII CH5240 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

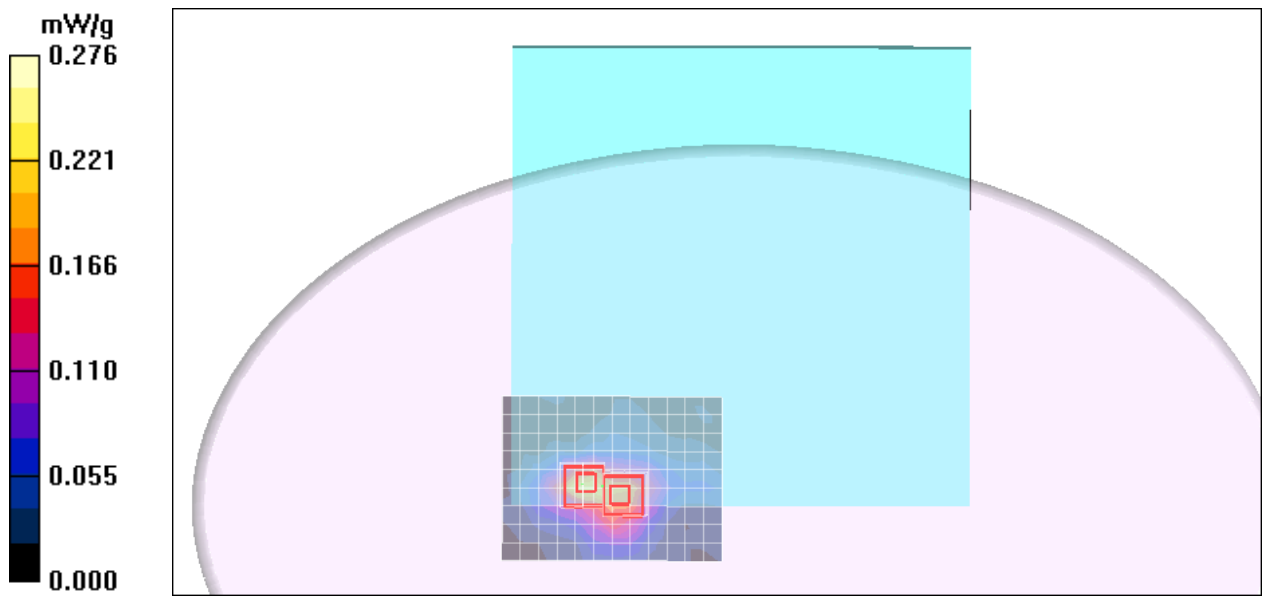
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.68 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5260 Rate=6.5M/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.257 mW/g

UNII CH5260 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.01 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.260 mW/g

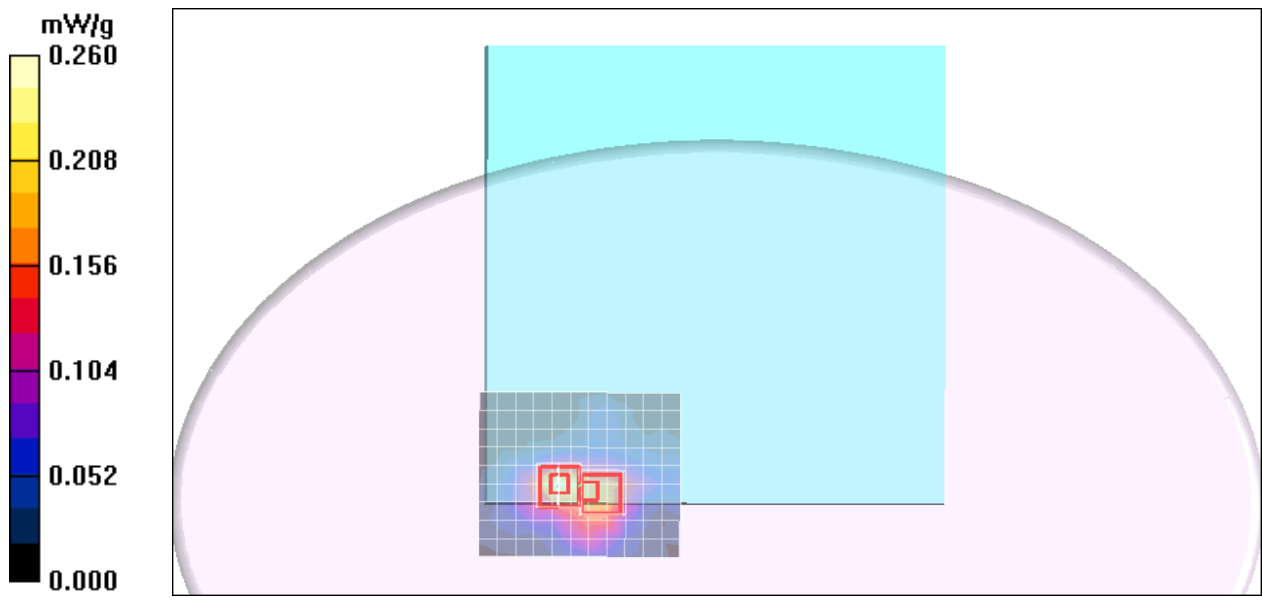
UNII CH5260 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.01 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.63$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5320 Rate=6.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.276 mW/g

DTS CH5320 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 3.48 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.258 mW/g

DTS CH5320 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

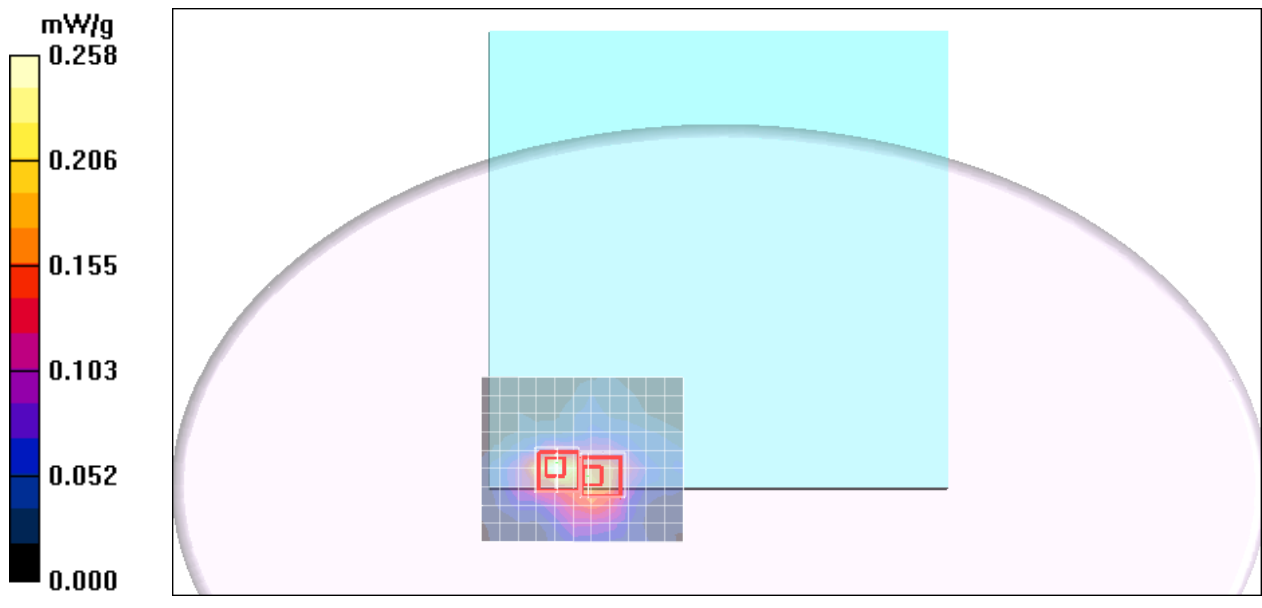
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 3.48 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5500$ MHz; $\sigma = 5.86$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5500 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.557 mW/g

DTS CH5500 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 5.50 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.558 mW/g

DTS CH5500 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

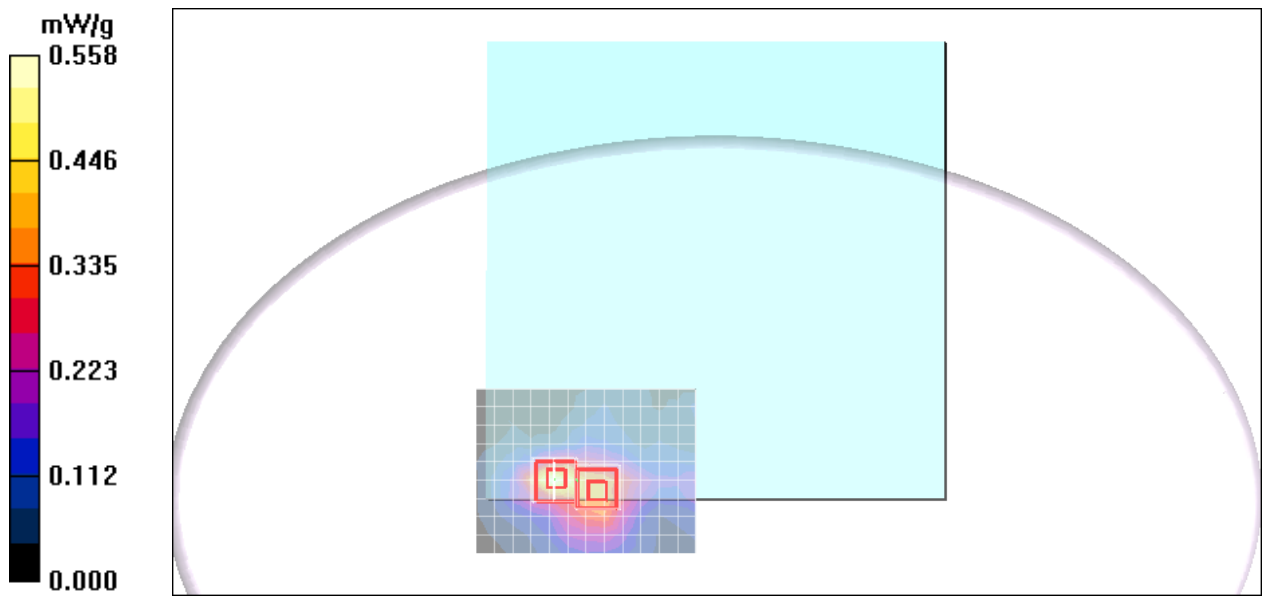
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.50 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.098 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5560$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5560 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.525 mW/g

DTS CH5560 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 5.18 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.536 mW/g

DTS CH5560 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

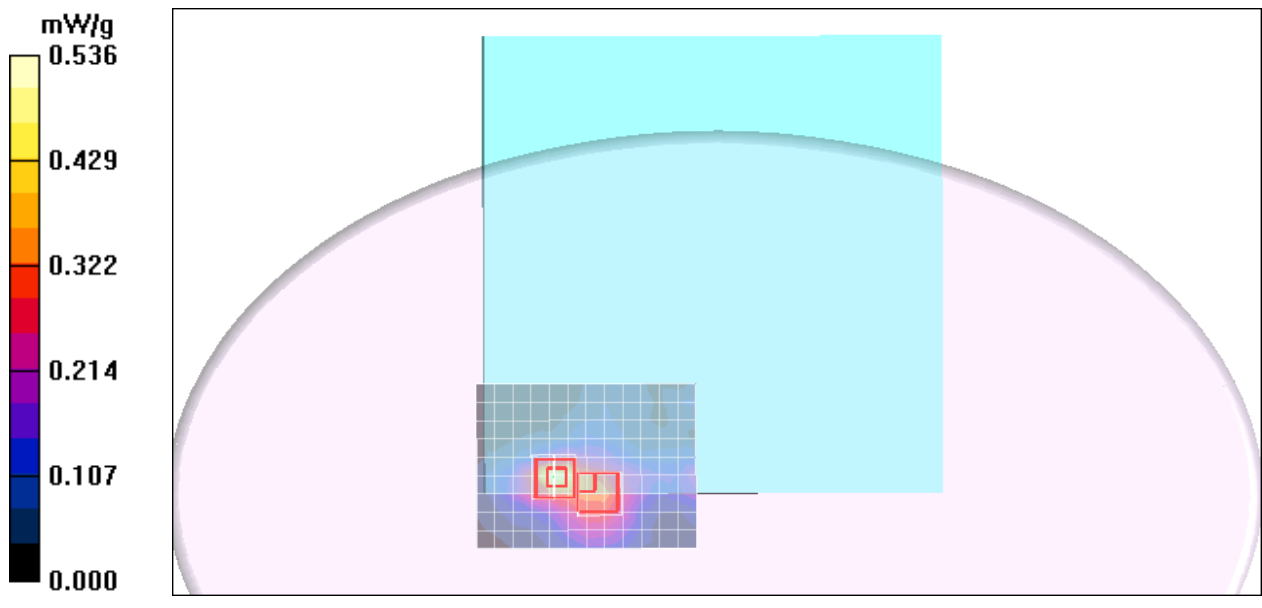
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.18 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.352 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5620$ MHz; $\sigma = 6.02$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5620 Rate=6.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

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

DTS CH5620 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 4.93 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.495 mW/g

DTS CH5600 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

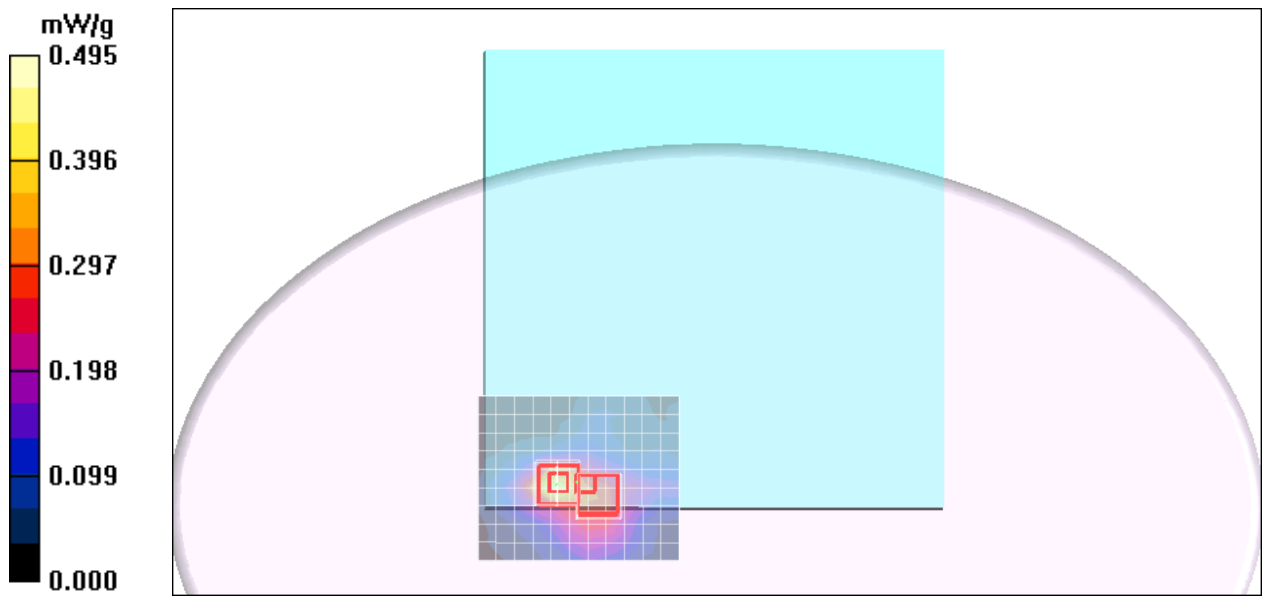
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 4.93 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.345 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5700$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5700 Rate=6.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.669 mW/g

DTS CH5700 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

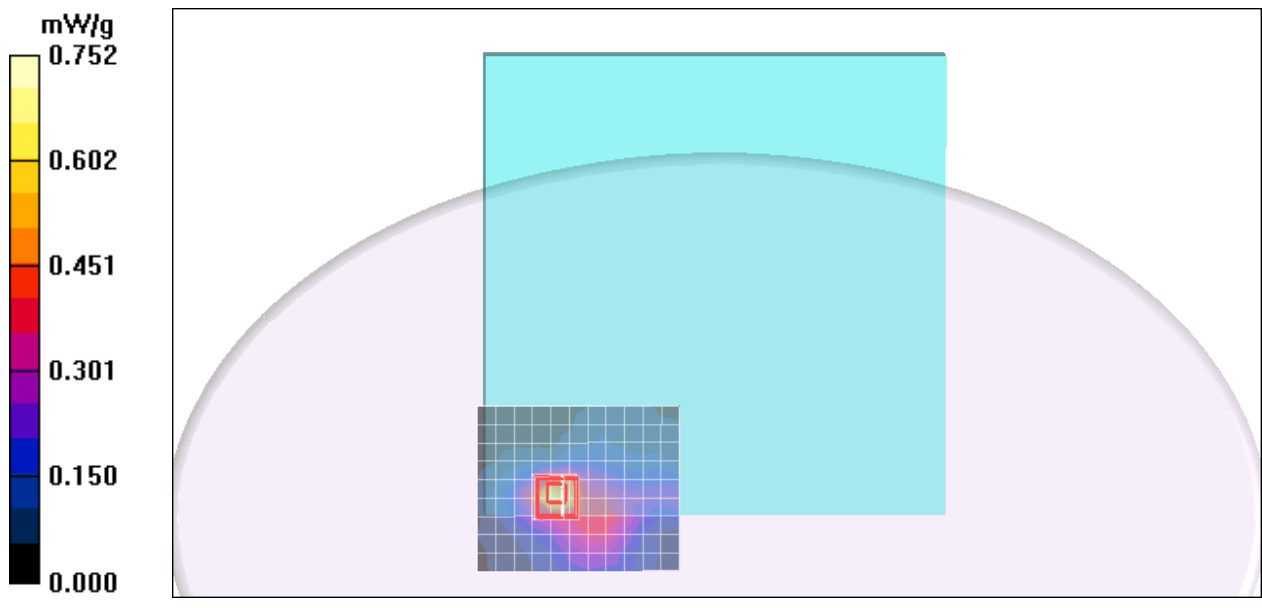
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 6.51 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.652 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5745 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.548 mW/g

DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 5.62 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.361 mW/g

DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

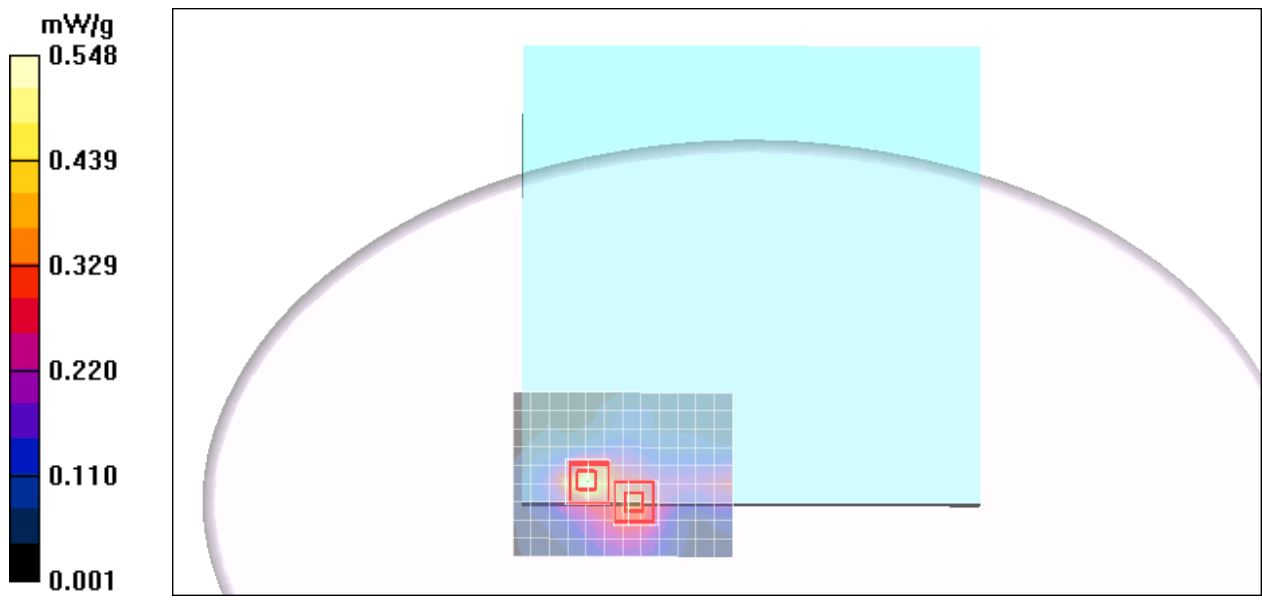
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.62 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.24$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5785 Rate=6M/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

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

DTS CH5785 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.80 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.436 mW/g

DTS CH5785 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

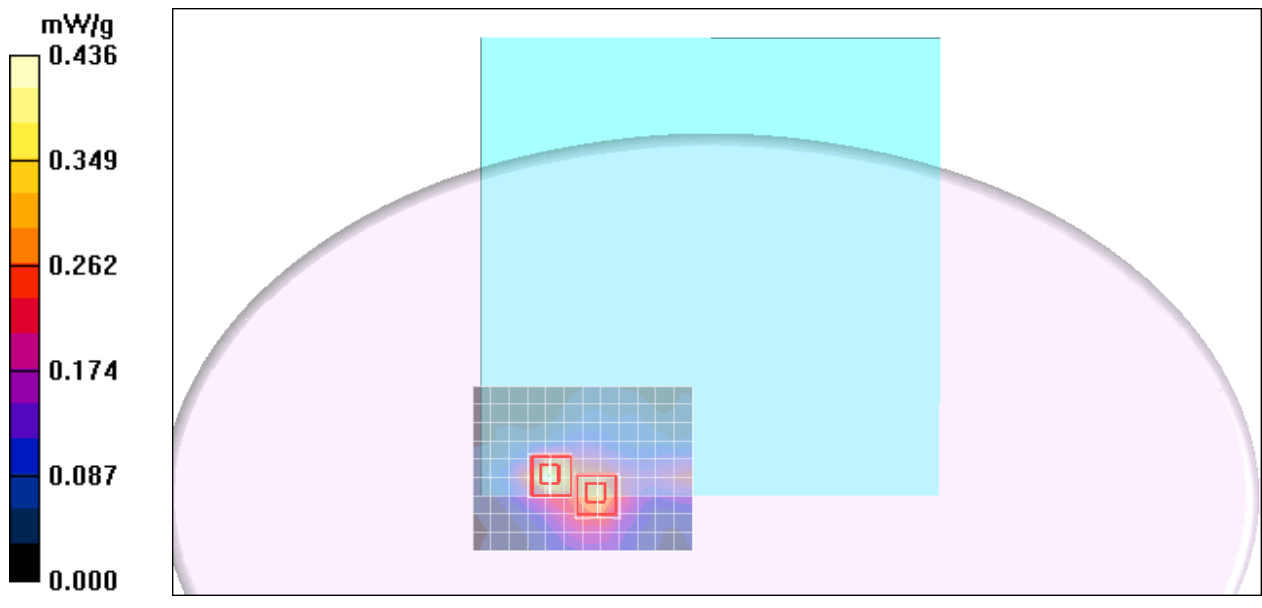
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.80 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.330 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5180 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.176 mW/g

UNII CH5180 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

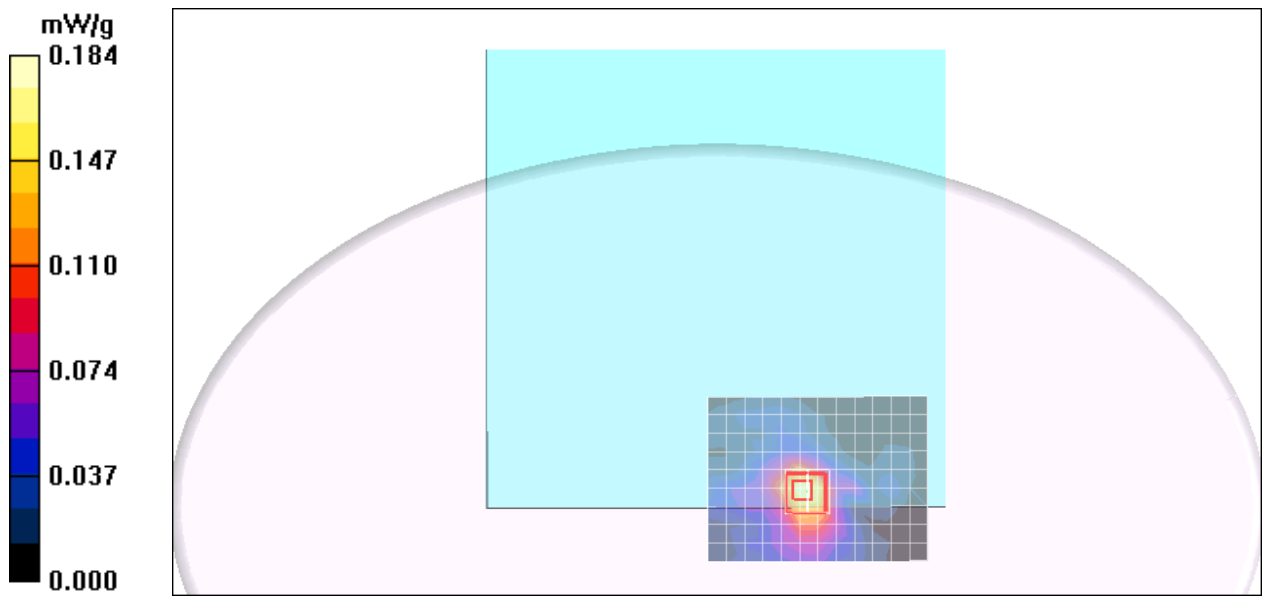
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.38 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 5.53$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5240 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.189 mW/g

UNII CH5240 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

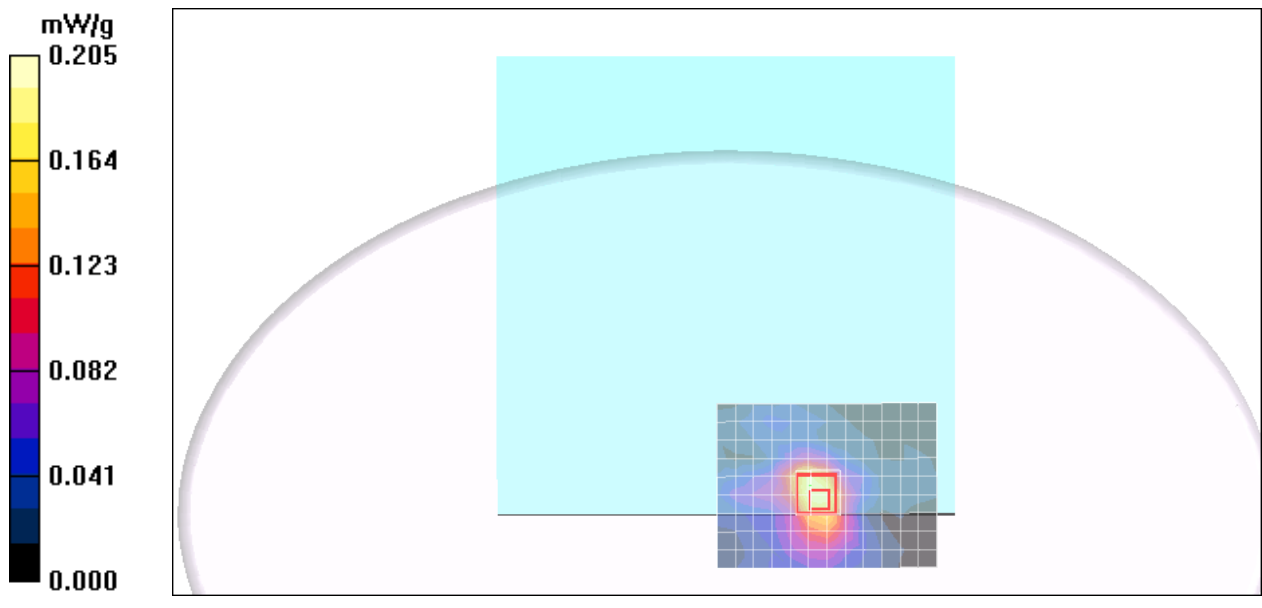
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.76 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.205 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5260 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.207 mW/g

UNII CH5260 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

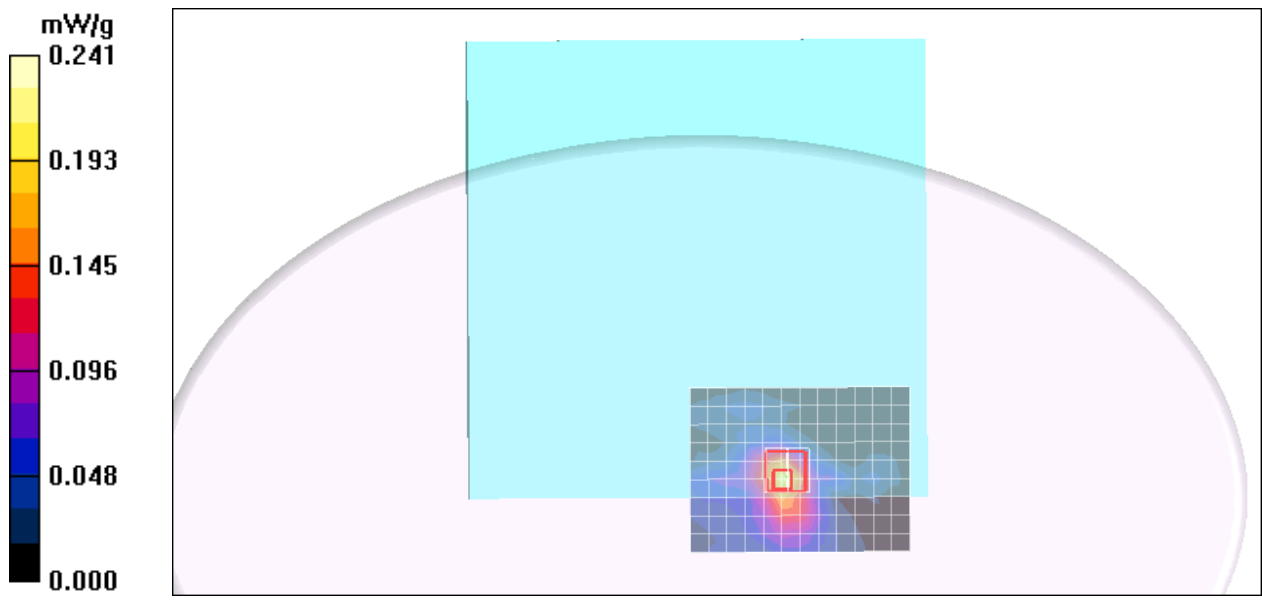
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.98 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.63$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5320 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.192 mW/g

DTS CH5320 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

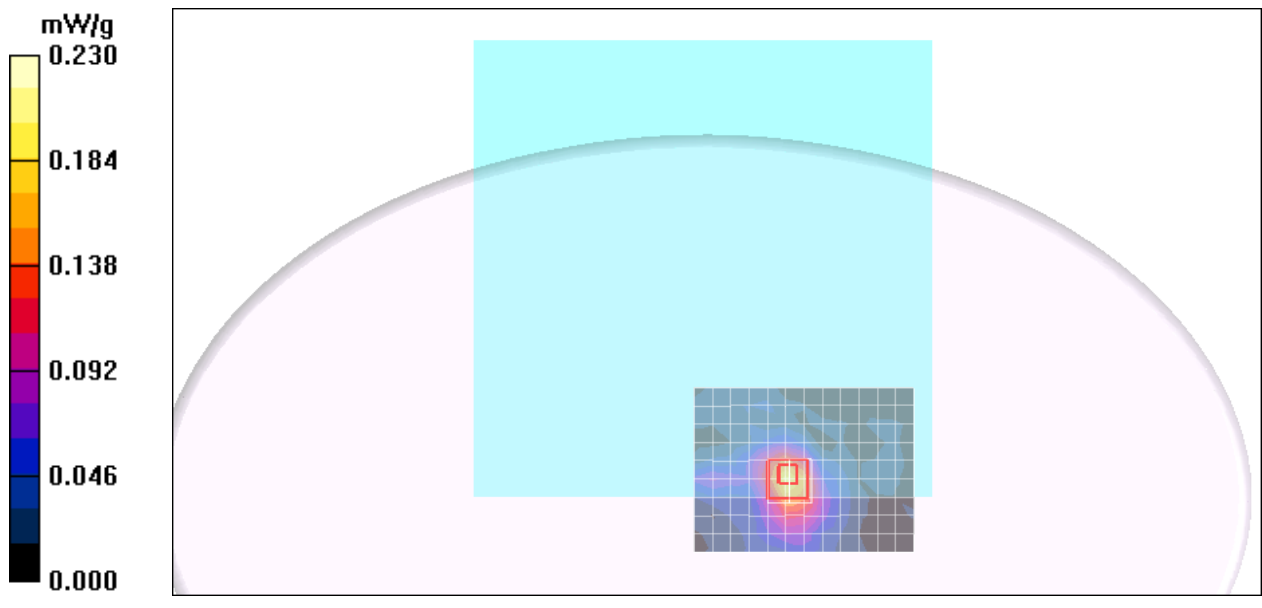
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.67 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.042 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5500$ MHz; $\sigma = 5.86$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5500 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.586 mW/g

DTS CH5500 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

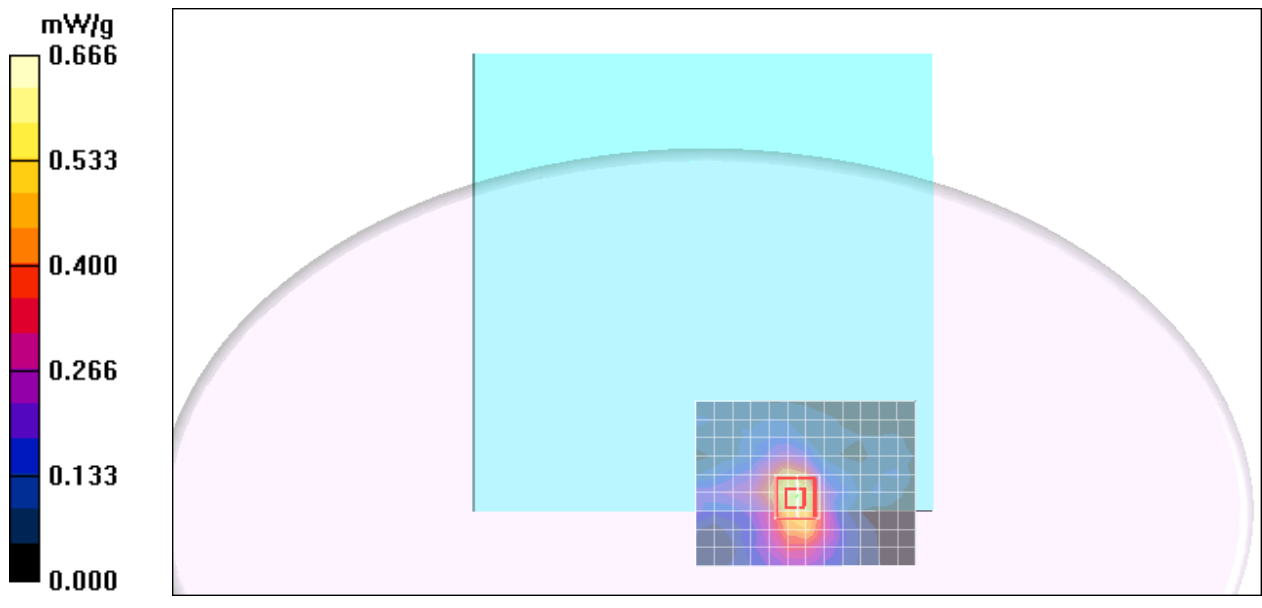
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.34 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.606 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5560$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5560 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.541 mW/g

DTS CH5560 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

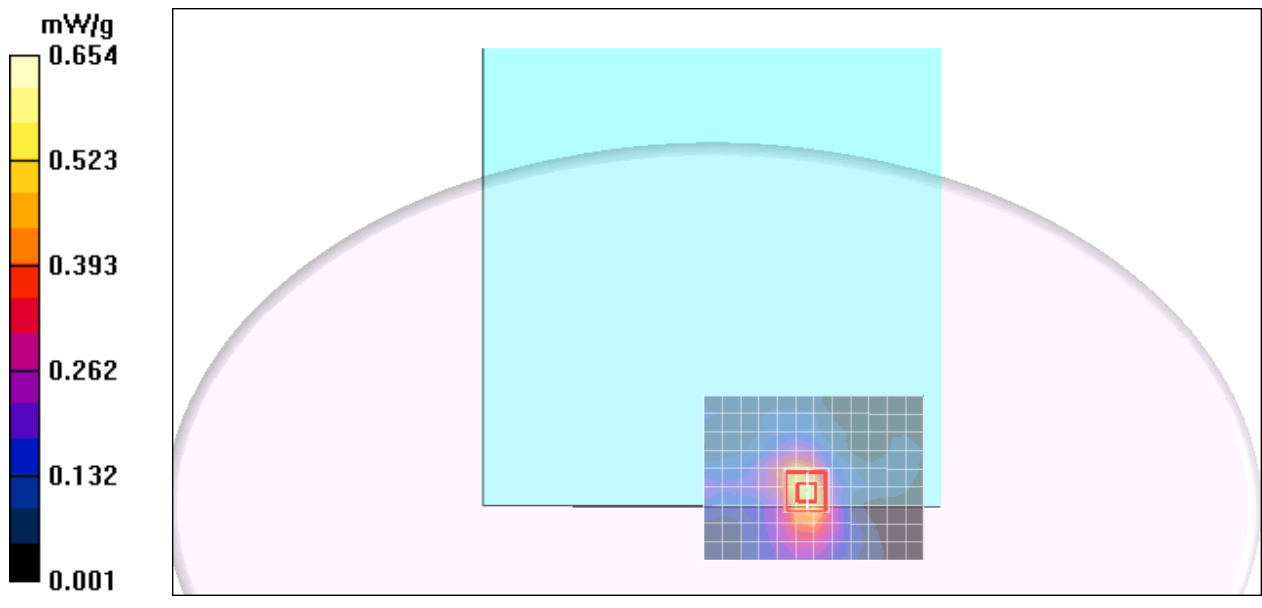
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.06 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.149 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5620$ MHz; $\sigma = 6.02$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5620 Rate=6.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.566 mW/g

DTS CH5620 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

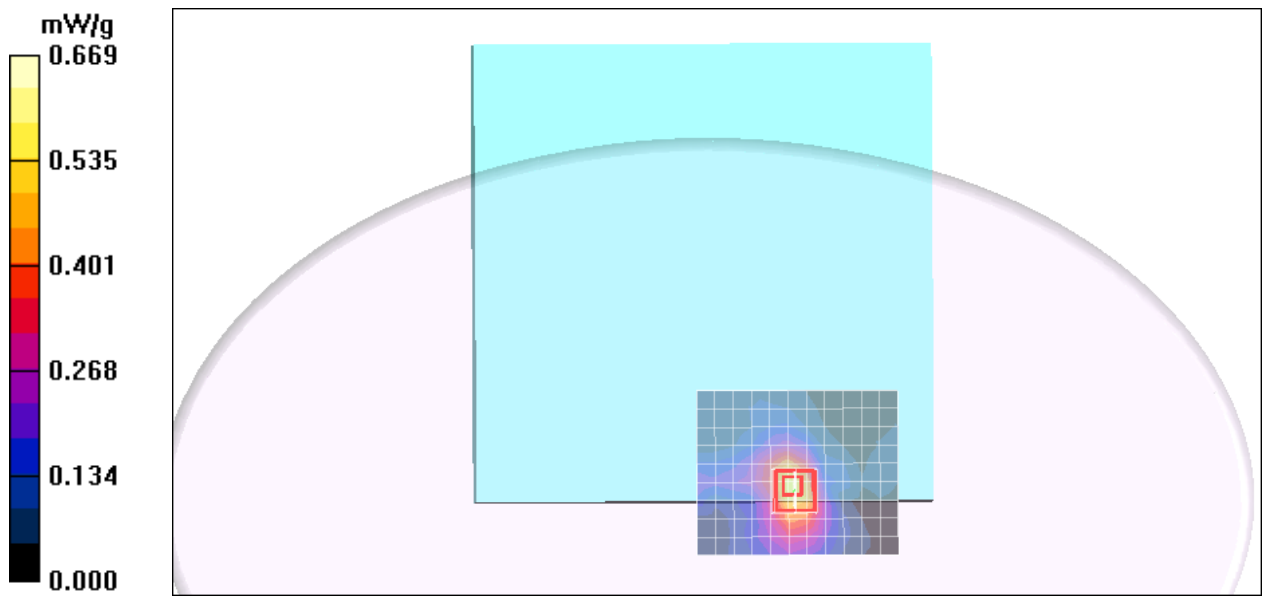
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 4.93 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.569 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna 2 HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5700$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5700 Rate=6.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.680 mW/g

DTS CH5700 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 6.04 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.47 W/kg

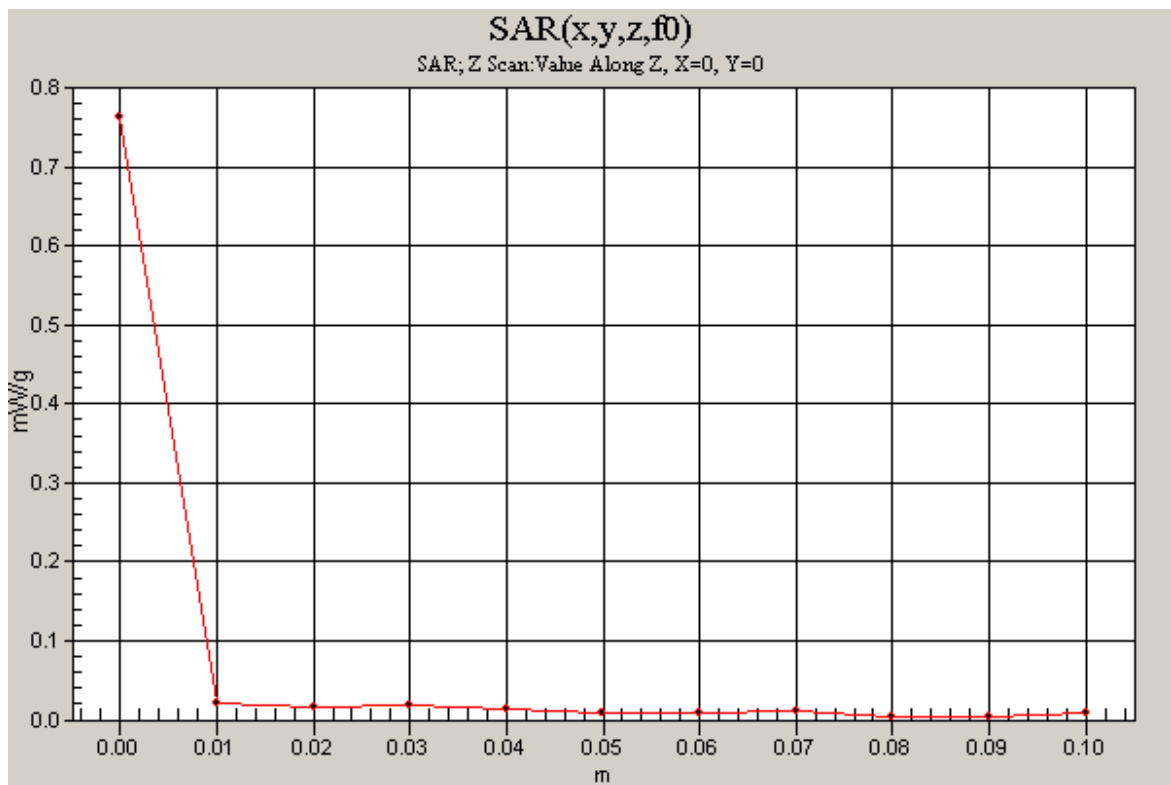
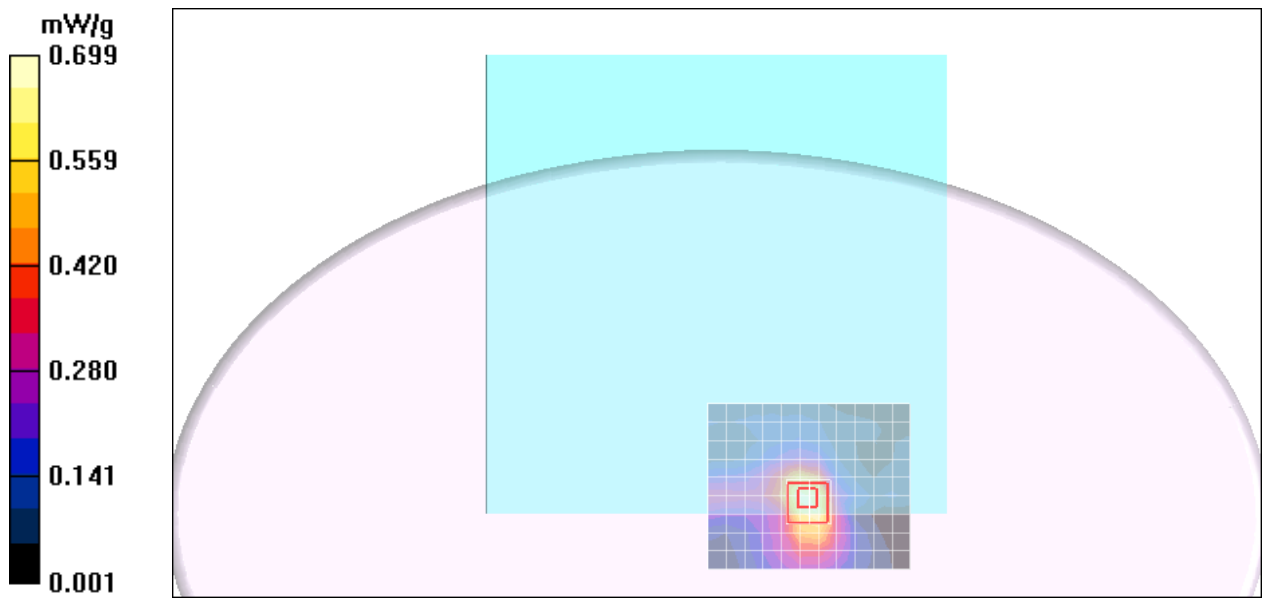
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.699 mW/g

DTS CH5700 Rate=6.5M/Z Scan (1x1x11): Measurement grid: $dx=20$ mm,

$dy=20$ mm, $dz=10$ mm

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



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

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

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5745 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.627 mW/g

DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

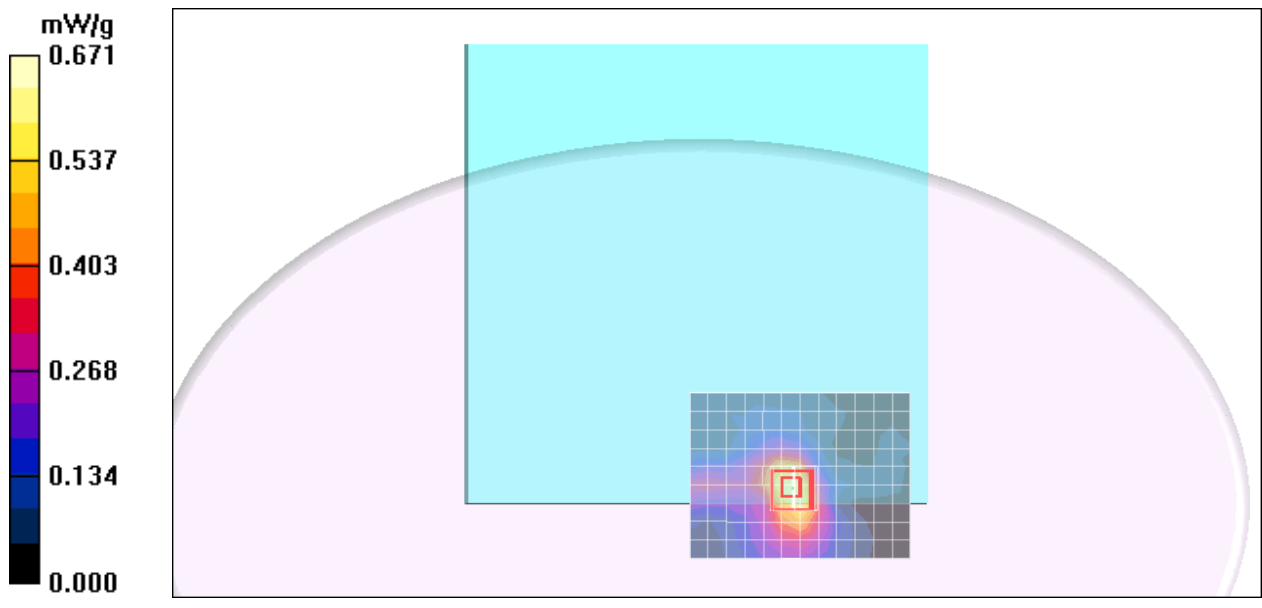
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.09 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT20

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.24$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5785 Rate=6.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

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

DTS CH5785 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

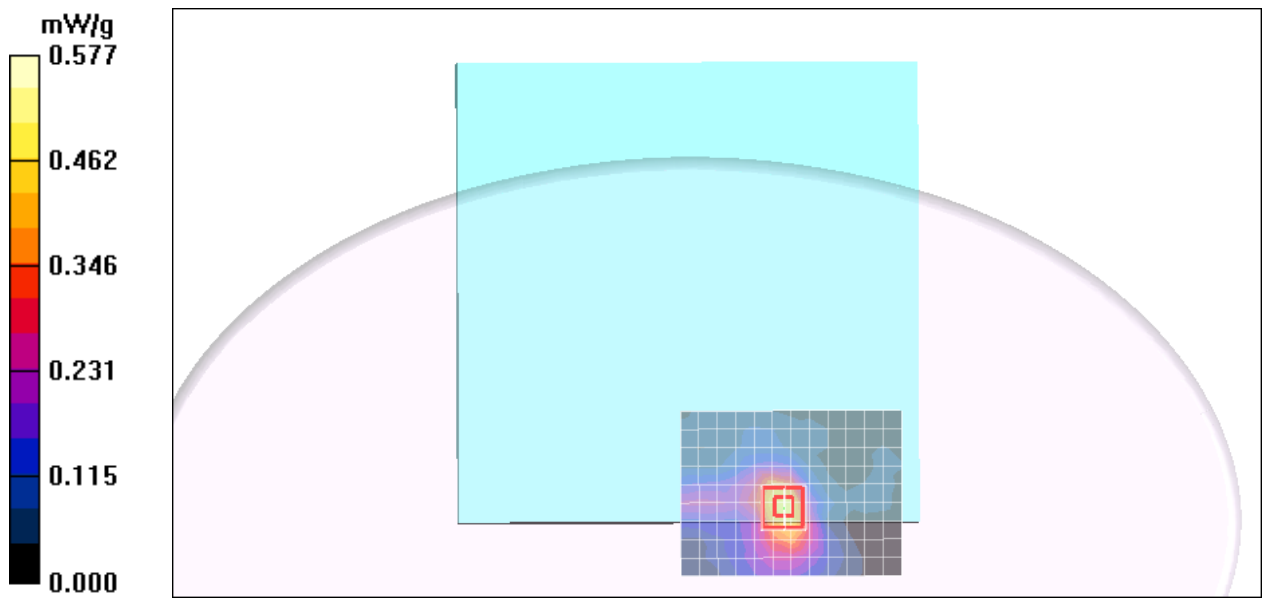
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 4.90 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.527 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5230$ MHz; $\sigma = 5.48$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5230 Rate=13.5M/Area Scan (10x12x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.327 mW/g

UNII CH5230 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

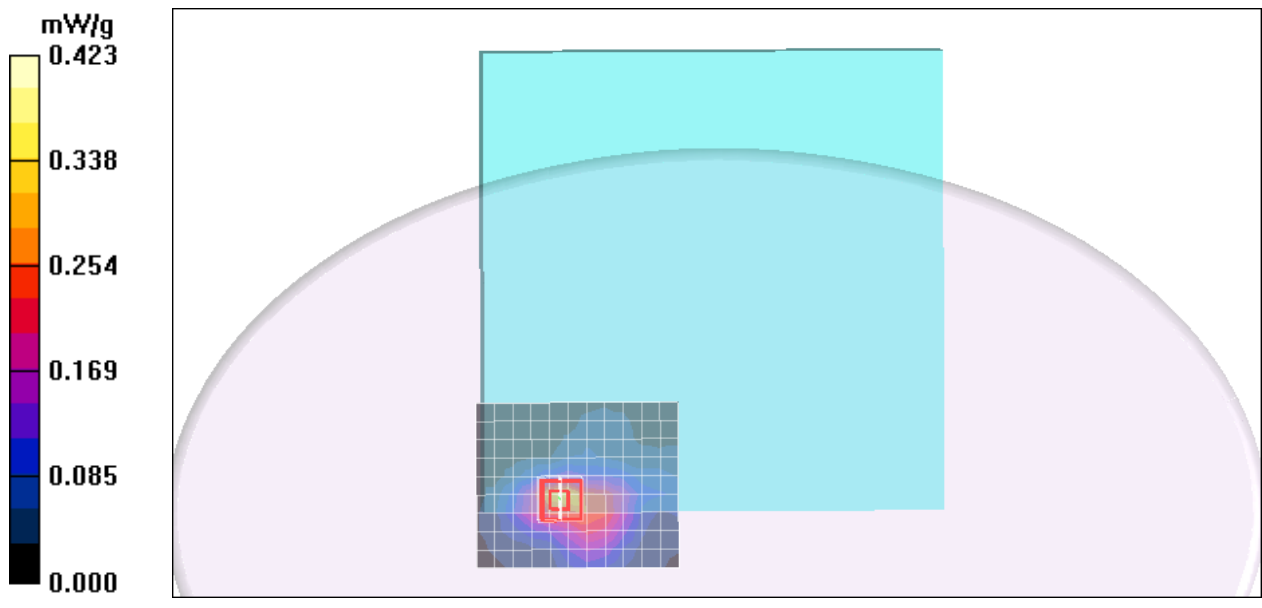
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.61 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5310$ MHz; $\sigma = 5.58$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5310 Rate=13.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.481 mW/g

UNII CH5310 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 4.44 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.493 mW/g

UNII CH5310 Rate=13.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

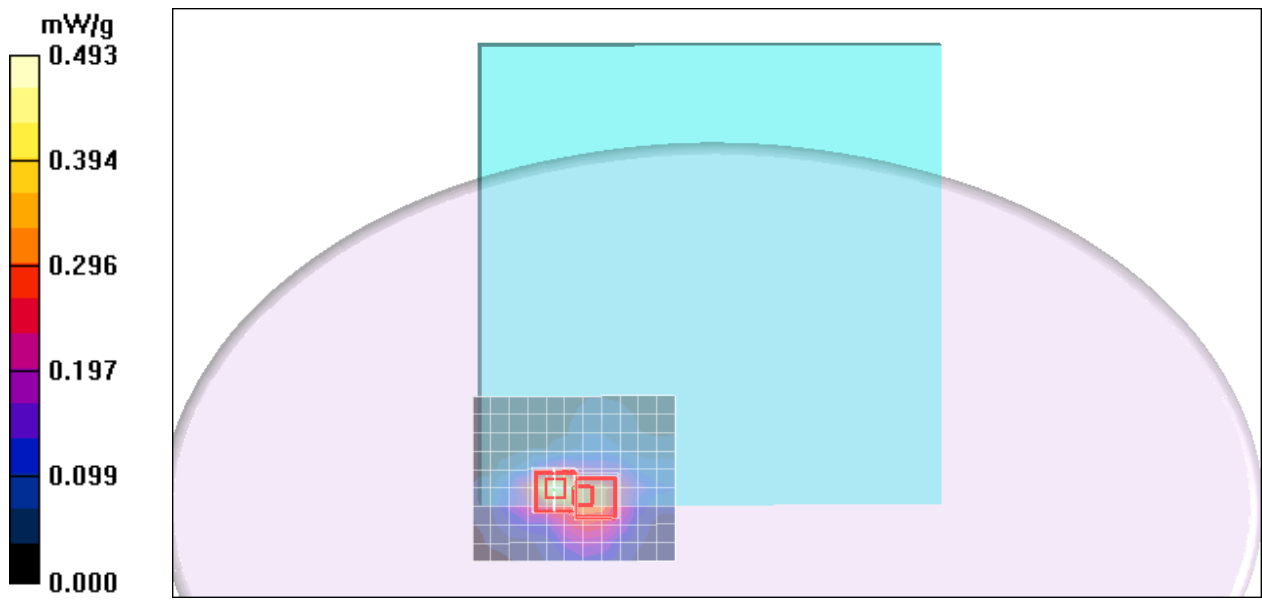
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 4.44 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.373 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5670$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5670 Rate=13.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.234 mW/g

DTS CH5670 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

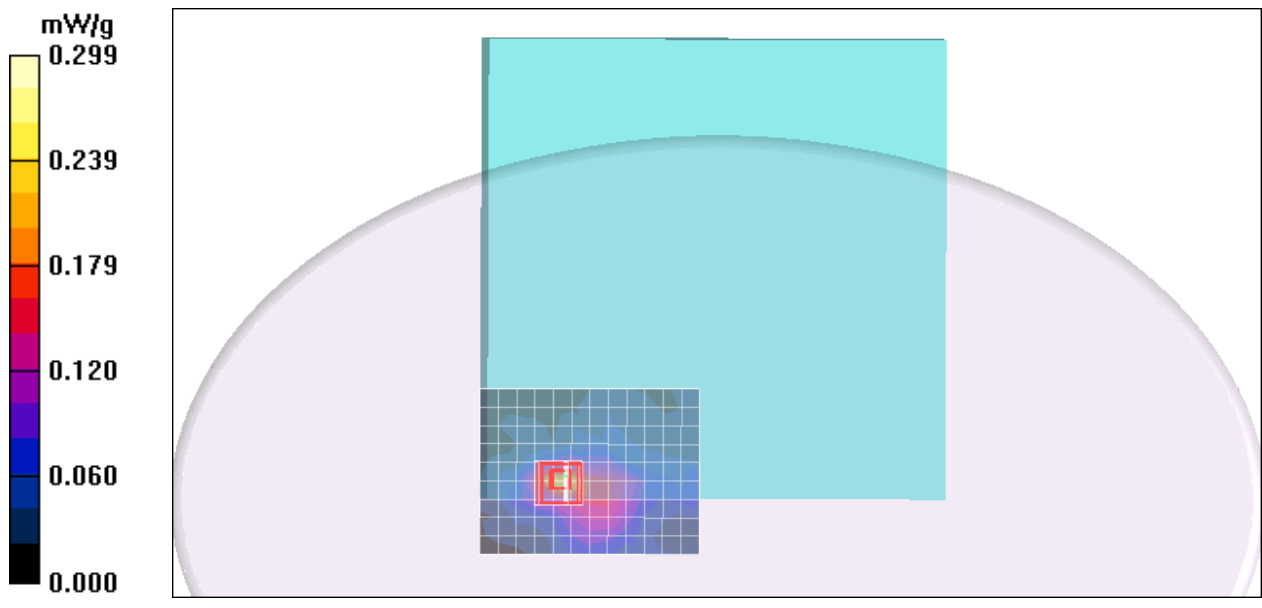
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.54 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.239 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5755 Rate=13.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.560 mW/g

DTS CH5755 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

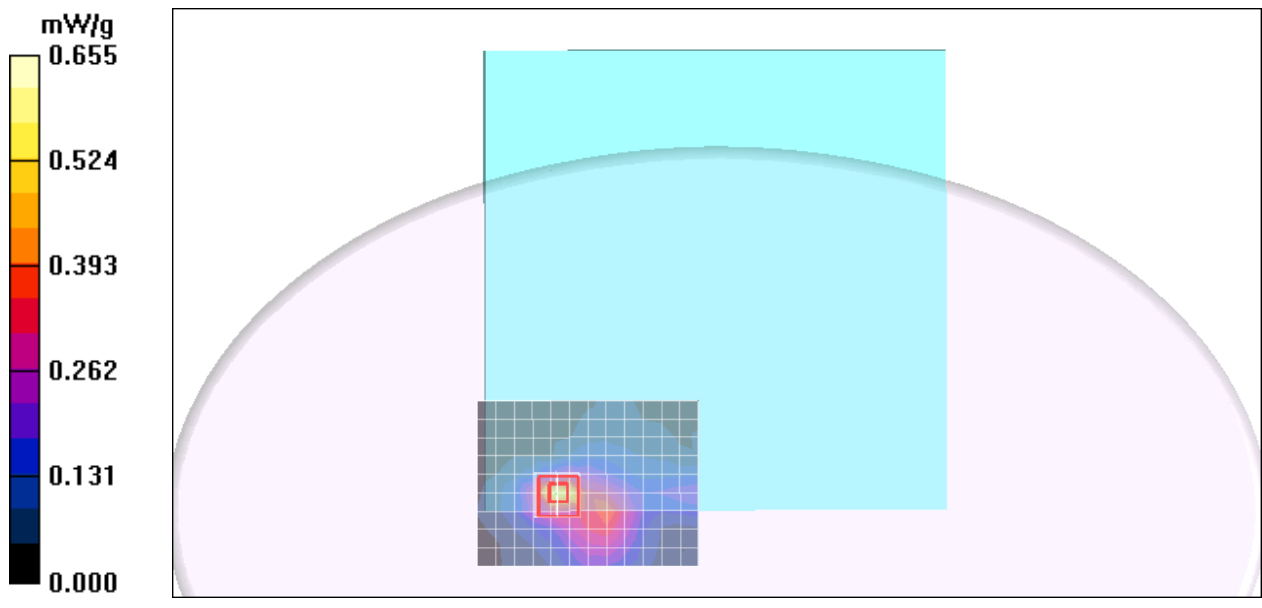
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.22 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.575 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5230$ MHz; $\sigma = 5.51$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5230 Rate=13.5M/Area Scan (10x12x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.307 mW/g

UNII CH5230 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

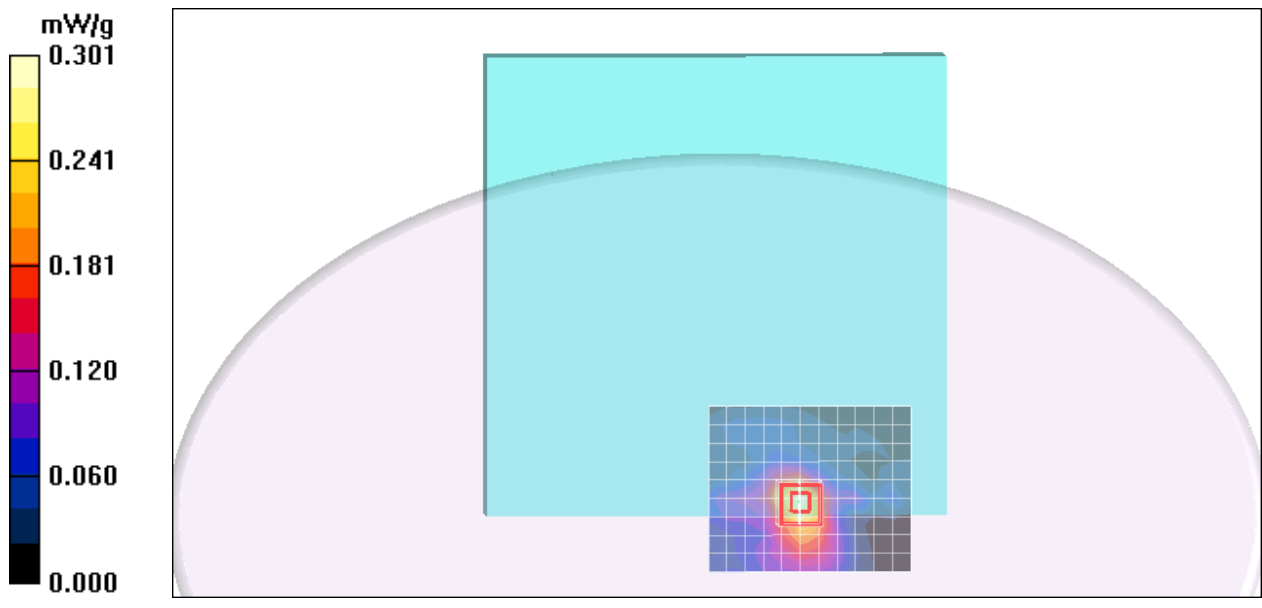
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 4.04 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a UNII Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5310$ MHz; $\sigma = 5.62$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UNII CH5310 Rate=13.5M/Area Scan (10x12x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.353 mW/g

UNII CH5310 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

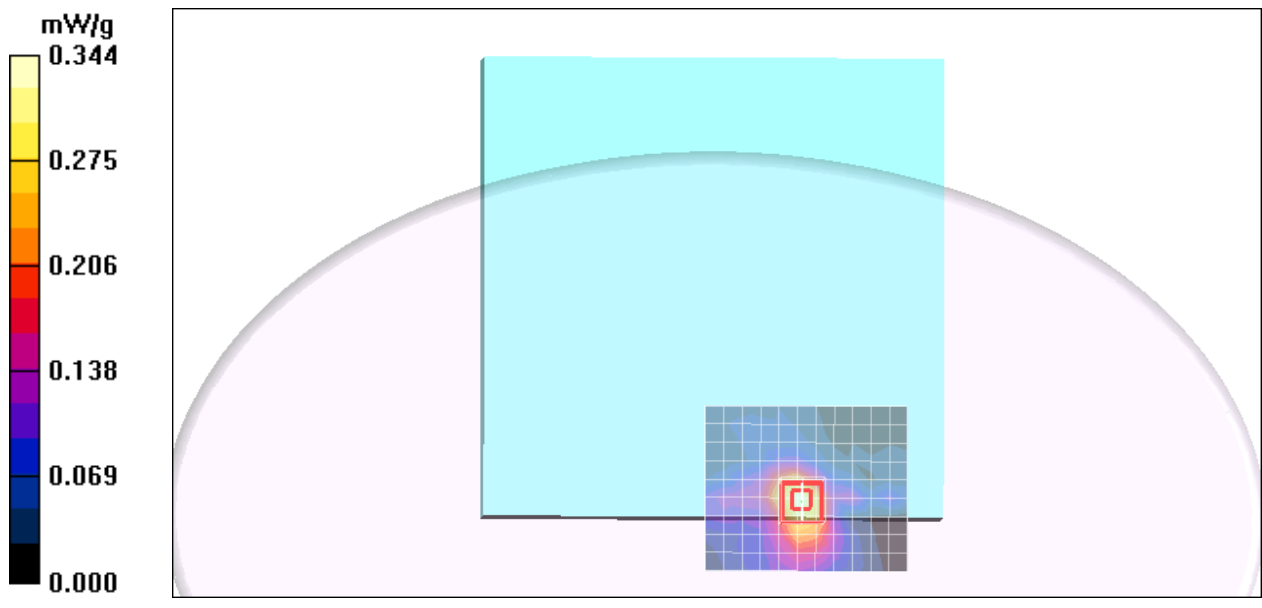
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.28 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5670$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5670 Rate=13.5M/Area Scan (10x13x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.231 mW/g

DTS CH5670 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

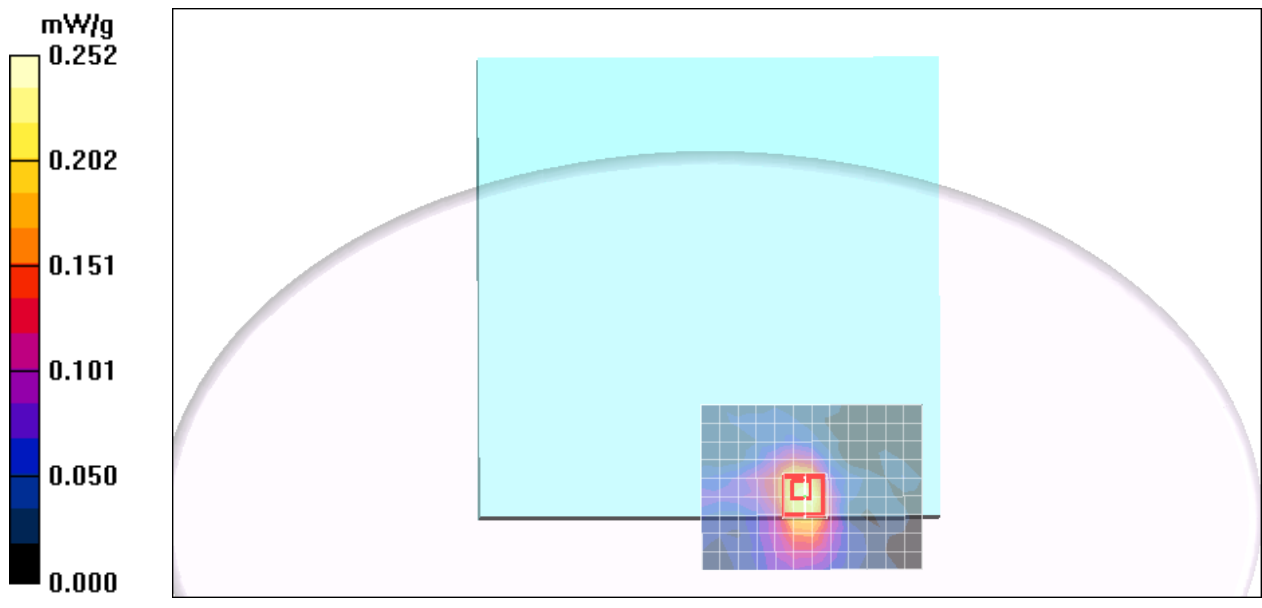
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 3.23 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.071 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

80211a DTS Bottom Flat MICA-110 antenna HT40

DUT: MICA-101; Type: MICA-101; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

DTS CH5755 Rate=13.5M/Area Scan (10x13x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.375 mW/g

DTS CH5755 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

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

Reference Value = 4.73 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.395 mW/g

