

Test Laboratory: Compliance Certification Services Inc.

802.11b Rate 1M_Edge 1_ FCC

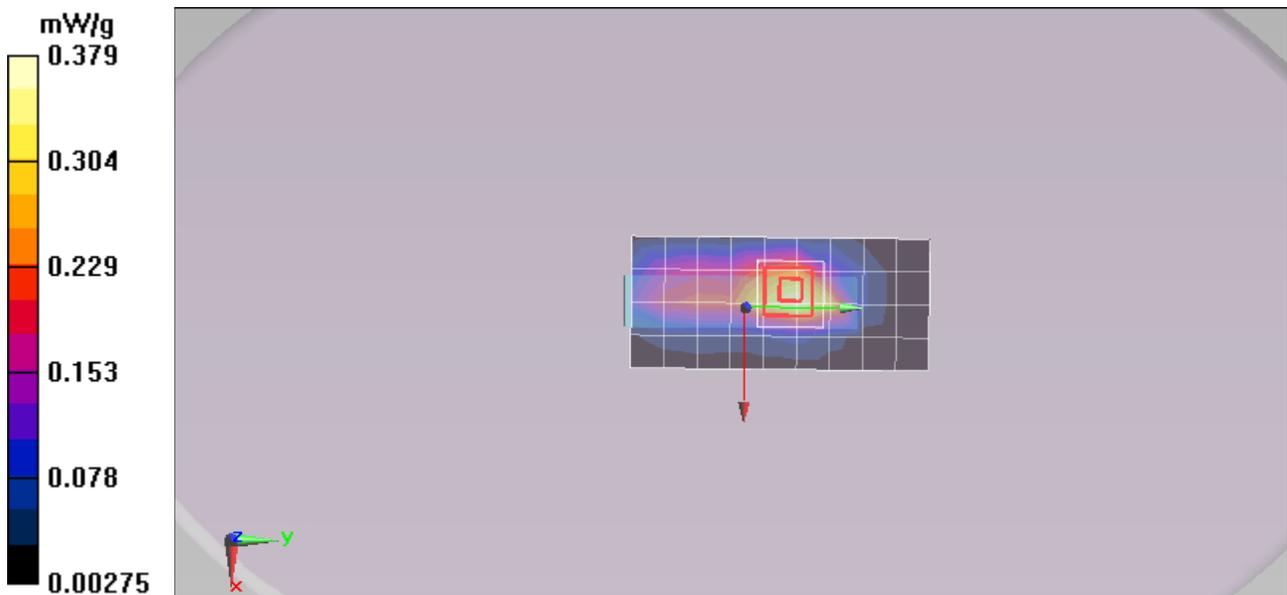
Communication System: IEEE802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 53.822$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 3/16/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Configuration/Edge 1 Low Ch1/Area Scan (5x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.375 mW/g

Configuration/Edge 1 Low Ch1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 11.079 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.662 mW/g
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.379 mW/g



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802.11b Rate 1M_Edge 4_ FCC

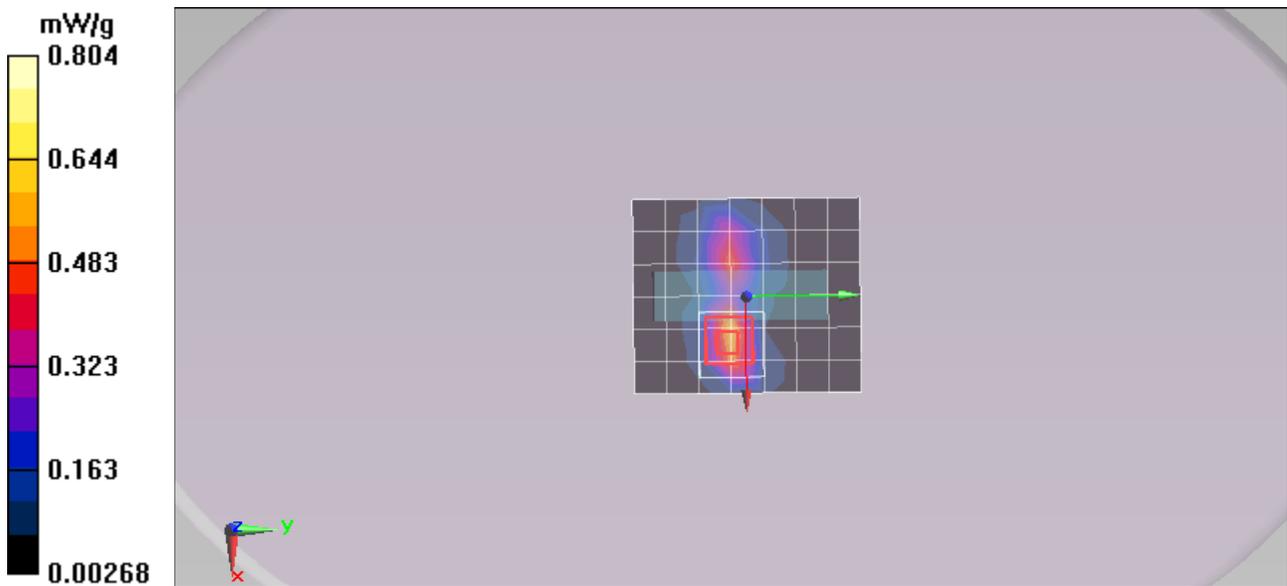
Communication System: IEEE802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 53.822$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 3/16/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Configuration/Edge 4 Low Ch1/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.629 mW/g

Configuration/Edge 4 Low Ch1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 11.344 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 1.167 mW/g
SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.604 mW/g



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802.11b Rate 1M_Front Side_FCC

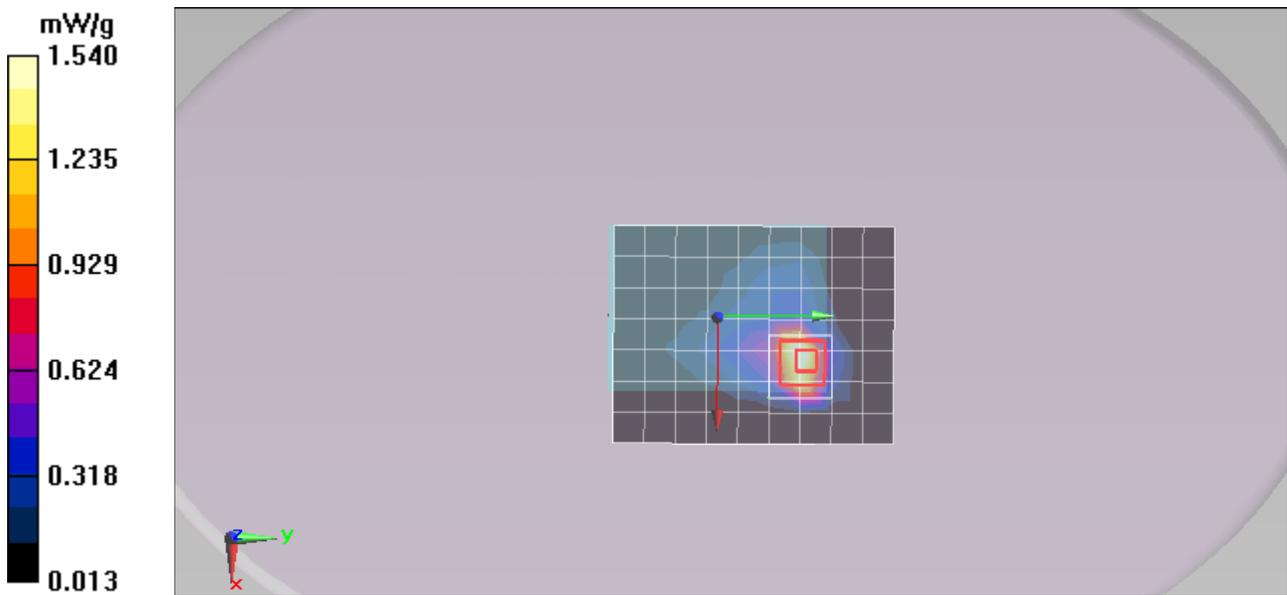
Communication System: IEEE802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 53.822$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

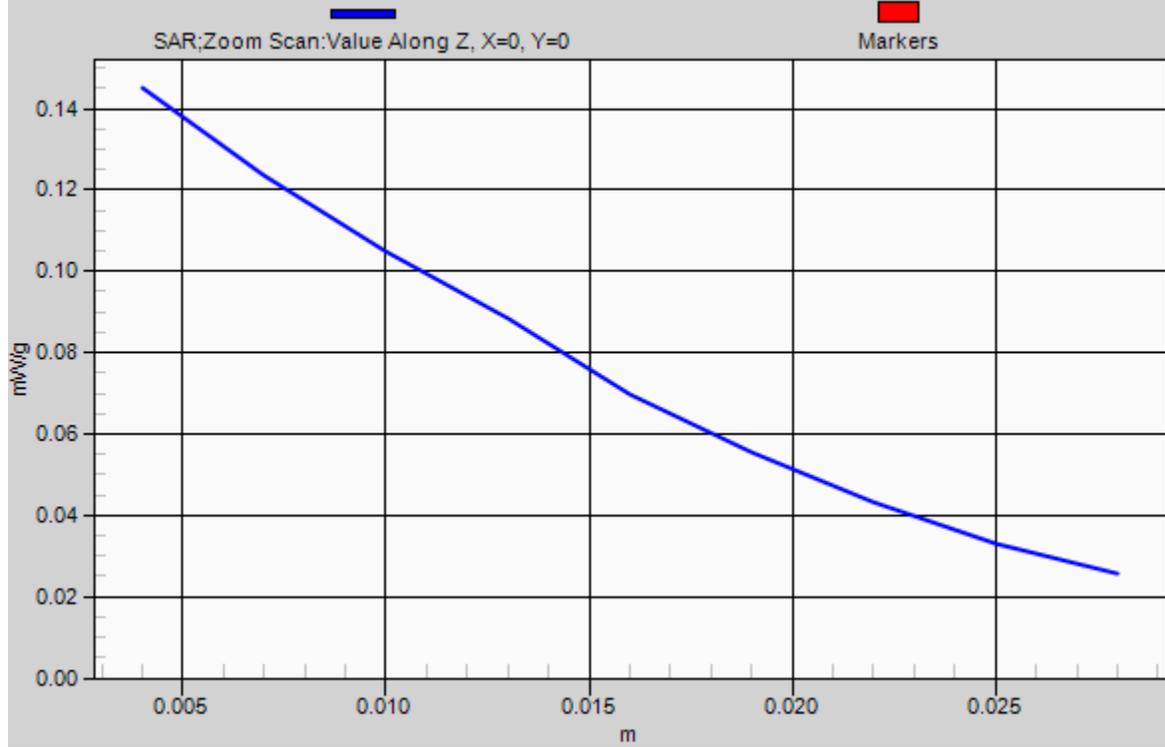
- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 3/16/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Configuration/Front Side Low Ch1/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.77 mW/g

Configuration/Front Side Low Ch1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.865 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.487 mW/g
SAR(1 g) = 1.410 mW/g; SAR(10 g) = 0.602 mW/g
Maximum value of SAR (measured) = 1.54 mW/g



1g/10g Averaged SAR



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802.11b CH6 Rate 1M_Front Side_ FCC

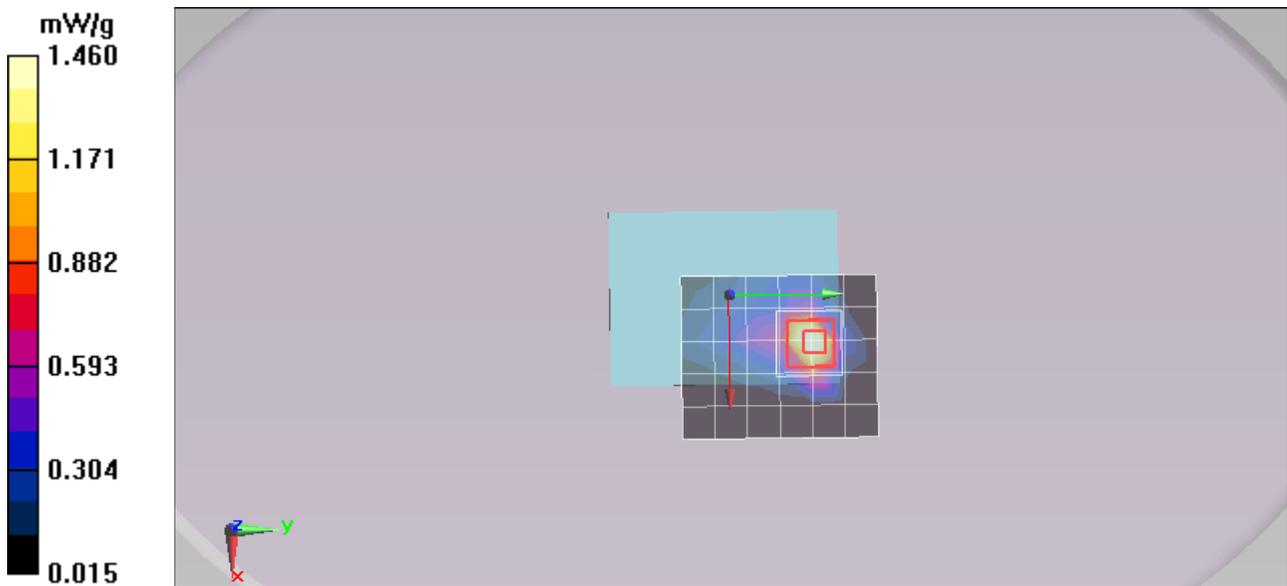
Communication System: IEEE802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.953$ mho/m; $\epsilon_r = 53.736$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 3/16/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Configuration/Front Side Middle CH6/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.83 mW/g

Configuration/Front Side Middle CH6/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 10.095 V/m; Power Drift = 0.160 dB
Peak SAR (extrapolated) = 3.222 mW/g
SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.550 mW/g
Maximum value of SAR (measured) = 1.46 mW/g



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802.11b CH11 Rate 1M_Front Side_ FCC

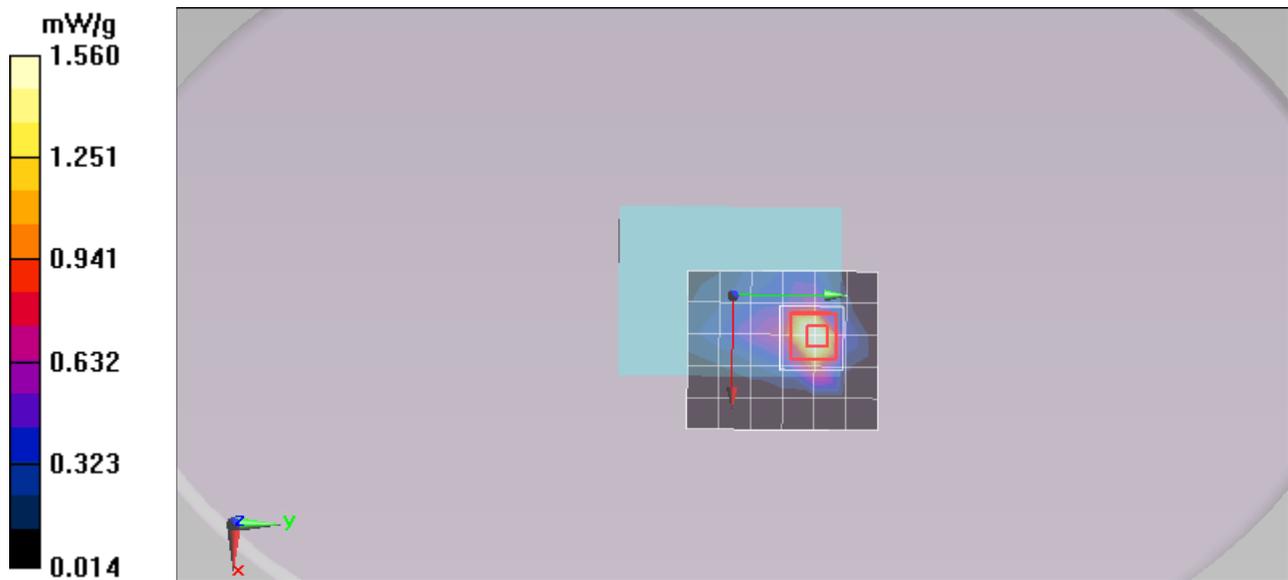
Communication System: IEEE802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 53.648$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 3/16/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Configuration/Front Side High CH11/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.03 mW/g

Configuration/Front Side High CH11/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 10.763 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.462 mW/g
SAR(1 g) = 1.380 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.56 mW/g



Test Laboratory: Compliance Certification Services Inc.

802.11b Rate 1M_Rear Side_ FCC

Communication System: IEEE802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 53.822$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 4/27/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 3/16/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Configuration/Rear Side Low Ch1/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.415 mW/g

Configuration/Rear Side Low Ch1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 14.236 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 0.574 mW/g
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.376 mW/g

