

APPENDIX 2 : SAR Measurement data

1. Evaluation procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the E-field at a fixed location above the ear point or central position of flat phantom was used as a reference value for assessing the power drop.

Step 2: The SAR distribution at the exposed side of head or body position was measured at a distance of each device from the inner surface of the shell. The area covered the entire dimension of the antenna of EUT and the horizontal grid spacing was 15 mm x 15 mm . Based on these data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Around this point found in the Step 2 (area scan) , a volume of 30mm x 30mm x 30mm was assessed by measuring 7 x 7 x 7 points. And for any secondary peaks found in the Step2 which are within 2dB of maximum peak (level more than ambient noise (≥ 0.012 W/kg)) and not with this Step3 (Zoom scan) is repeated. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

(1). The data at the surface were extrapolated, since the center of the dipoles is 1mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm [4]. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.

(2). The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one-dimensional splines with the "Not a knot"-condition (in x, y and z-directions) [4], [5]. The volume was integrated with the trapezoidal-algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.

(3). All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the E-field at the same location as in Step 1.

2. Measurement data (Body SAR 2450MHz)

DSC-G1 / Body / Front (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.118 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.14 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.170 W/kg

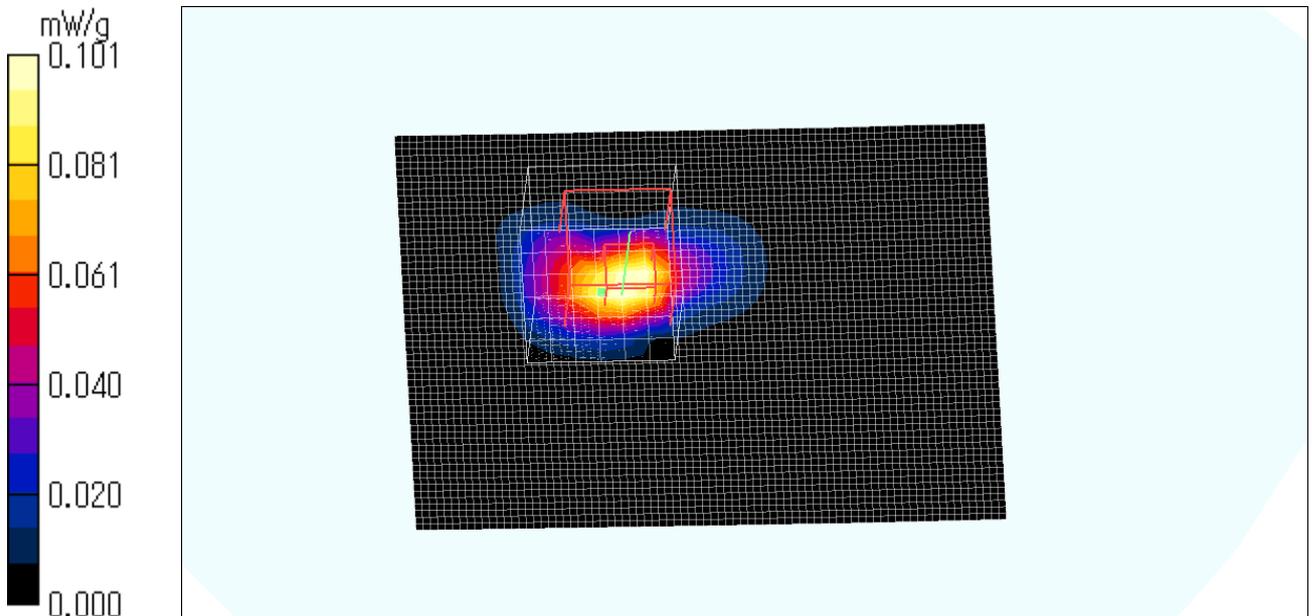
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.101 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 23.5 degree C. , After 23.5 degree C.



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DSC-G1 / Body / Rear (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.783 V/m; Power Drift = 0.212 dB

Peak SAR (extrapolated) = 0.002 W/kg

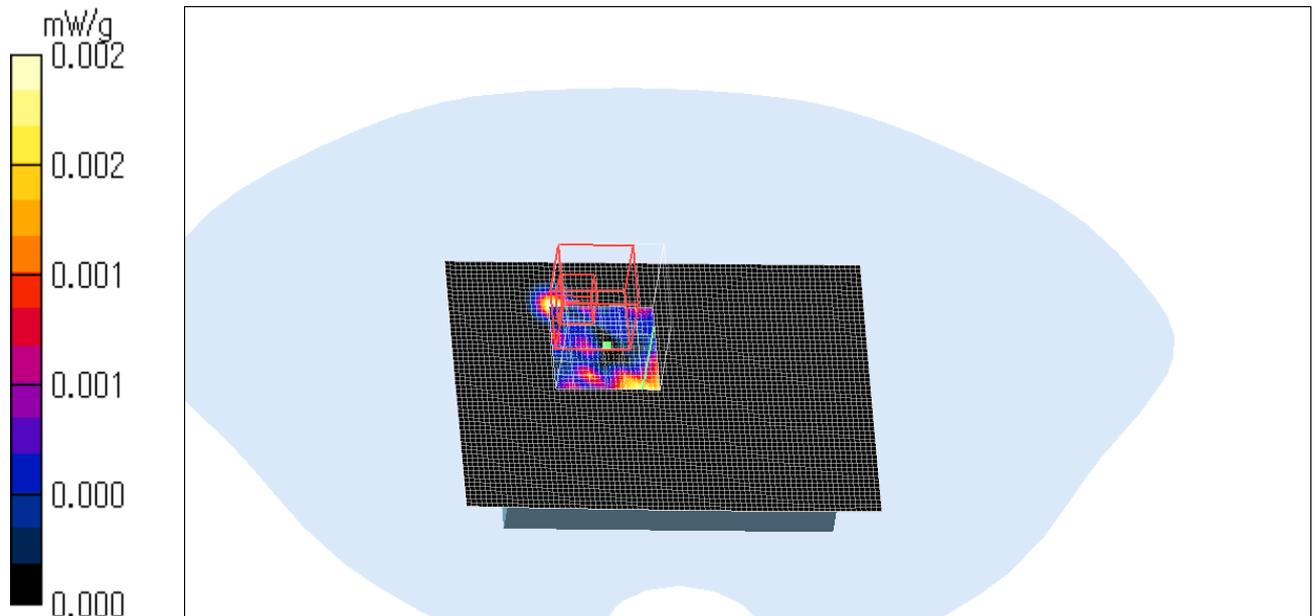
SAR(1 g) = 0.000209 mW/g; SAR(10 g) = 3.57e-005 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 23.5 degree C. , After 23.6 degree C.



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DSC-G1 / Body / Left side (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DAS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.917 V/m; Power Drift = 0.204 dB

Peak SAR (extrapolated) = 0.010 W/kg

SAR(1 g) = 0.00482 mW/g; SAR(10 g) = 0.00198 mW/g

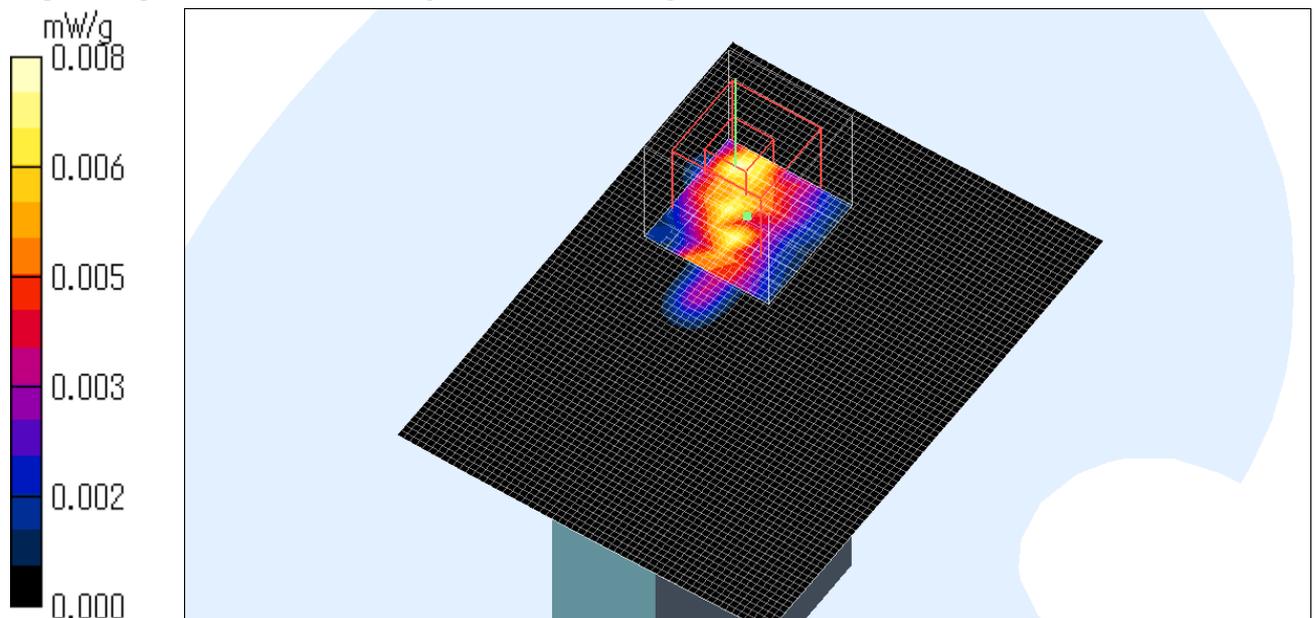
Maximum value of SAR (measured) = 0.008 mW/g

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est Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 23.6 degree C. , After 23.6 degree C.



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DSC-G1 / Body / Right side (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.001 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.436 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.007 W/kg

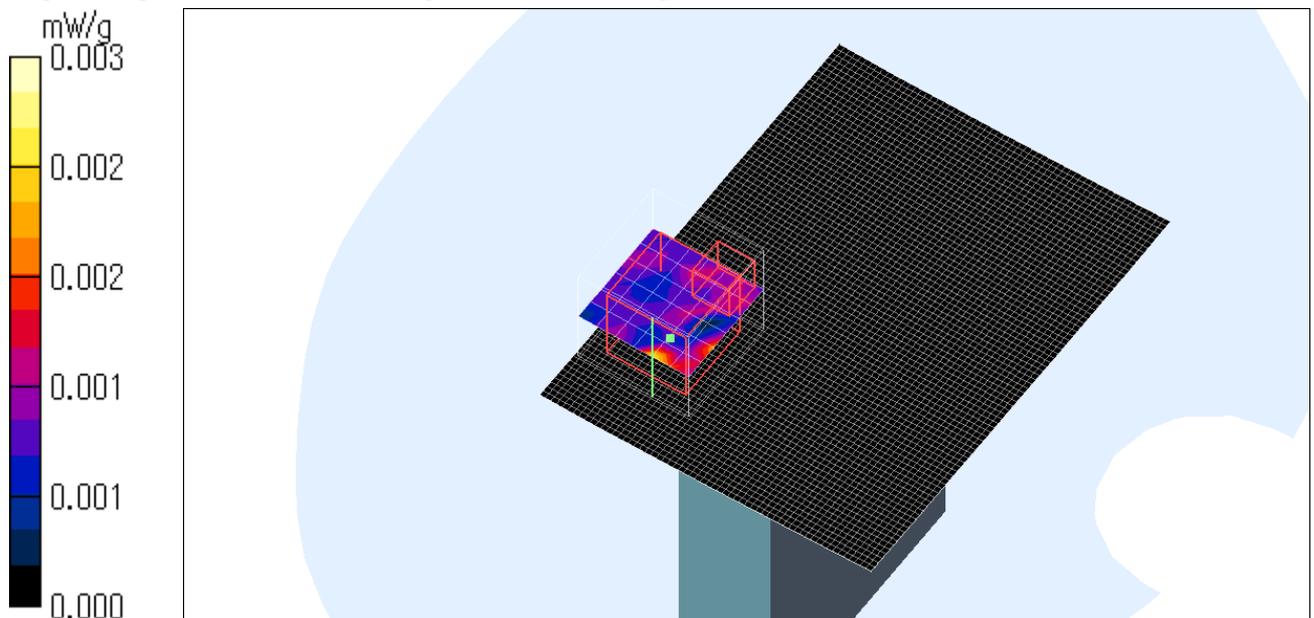
SAR(1 g) = 0.000468 mW/g; SAR(10 g) = 0.00015 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 23.6 degree C. , After 23.8 degree C.



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DSC-G1 / Body / Top (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DAS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.079 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.77 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.089 W/kg

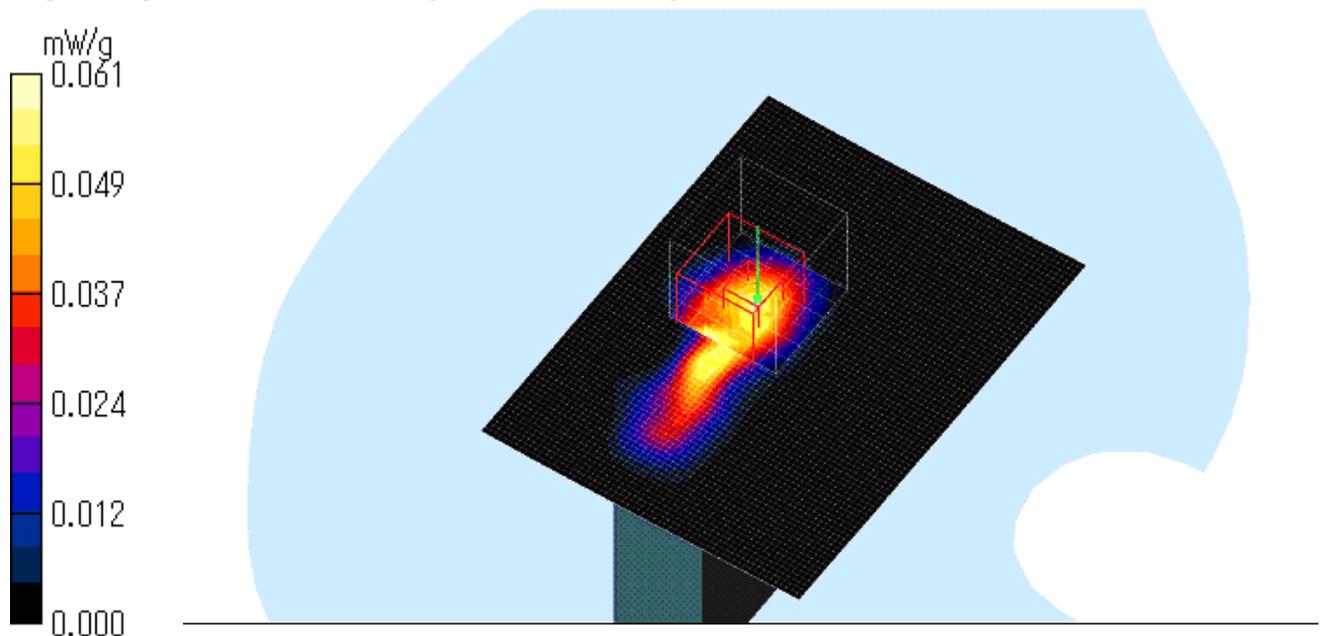
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.020 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Body / Bottom (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.004 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.597 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.005 W/kg

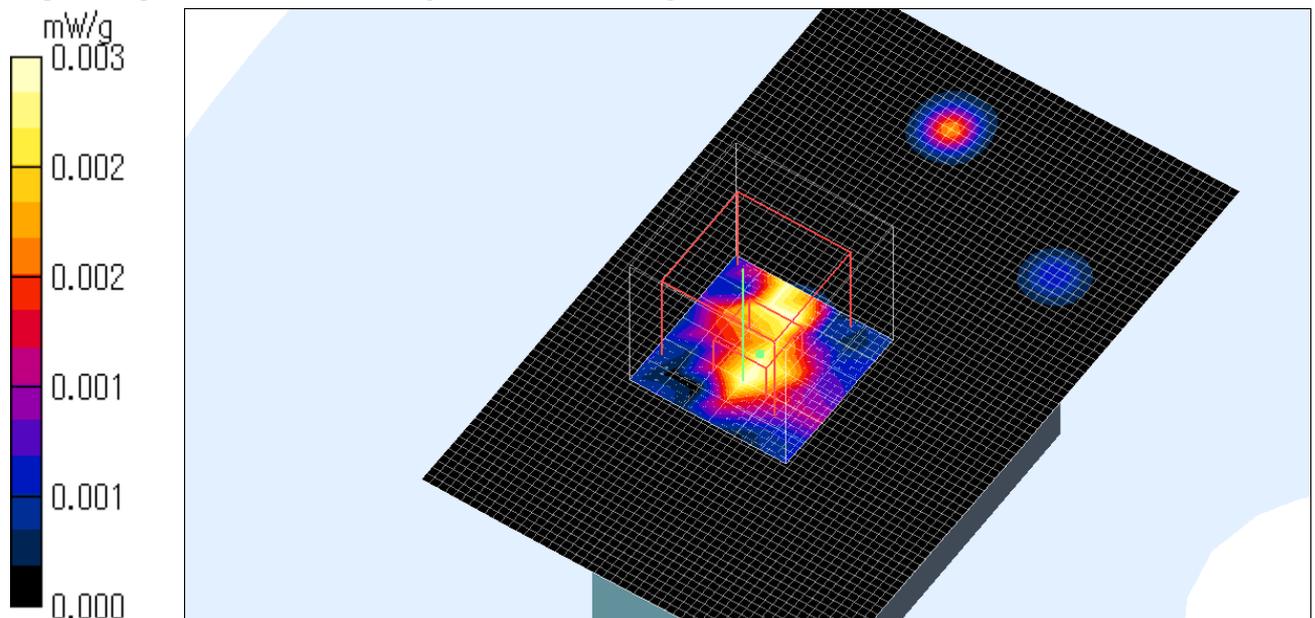
SAR(1 g) = 0.0021 mW/g; SAR(10 g) = 0.000865 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Body / Front (Opened) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DAS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.096 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.37 V/m; Power Drift = -0.202 dB

Peak SAR (extrapolated) = 0.116 W/kg

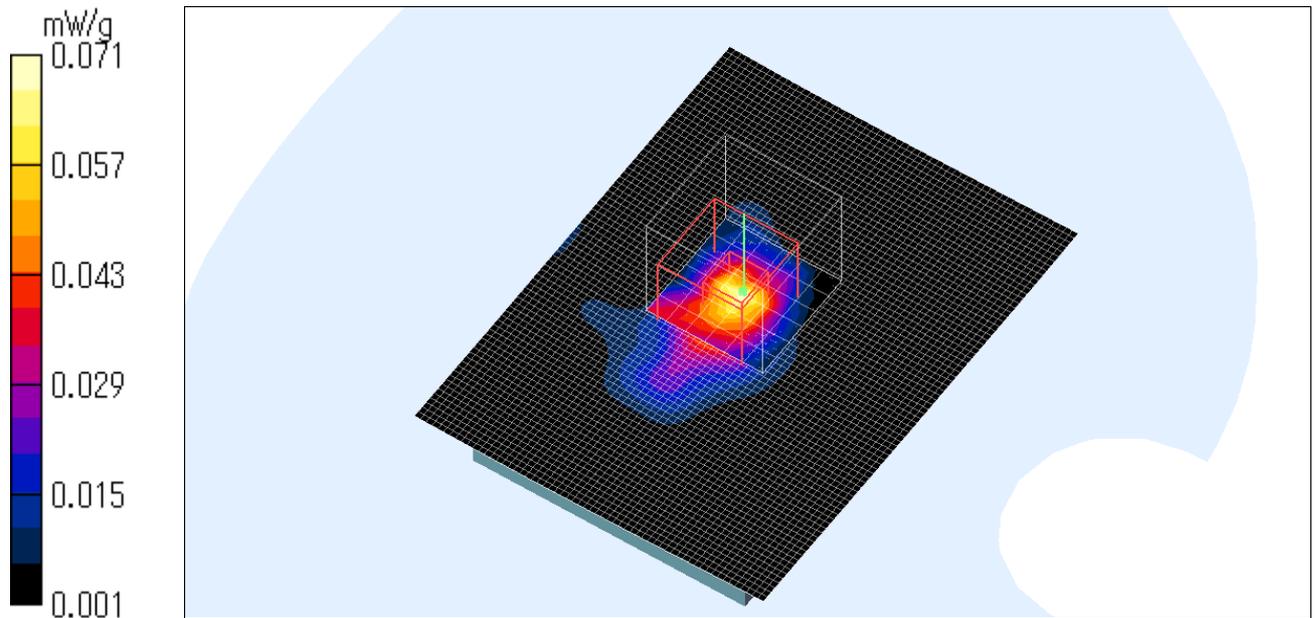
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.016 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Body / Top (Opened) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.128 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.11 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.164 W/kg

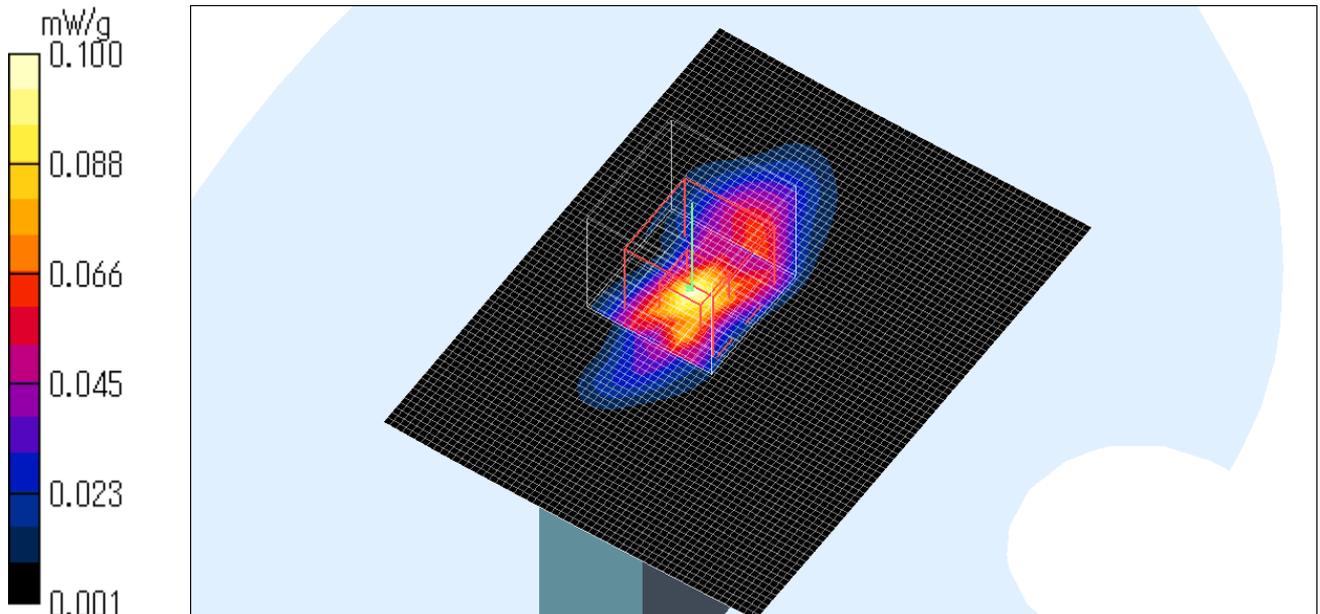
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.110 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Body / Front (Closed) / 11b CCK (11Mbps) / 2412MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.123 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.10 V/m; Power Drift = 0.201 dB

Peak SAR (extrapolated) = 0.191 W/kg

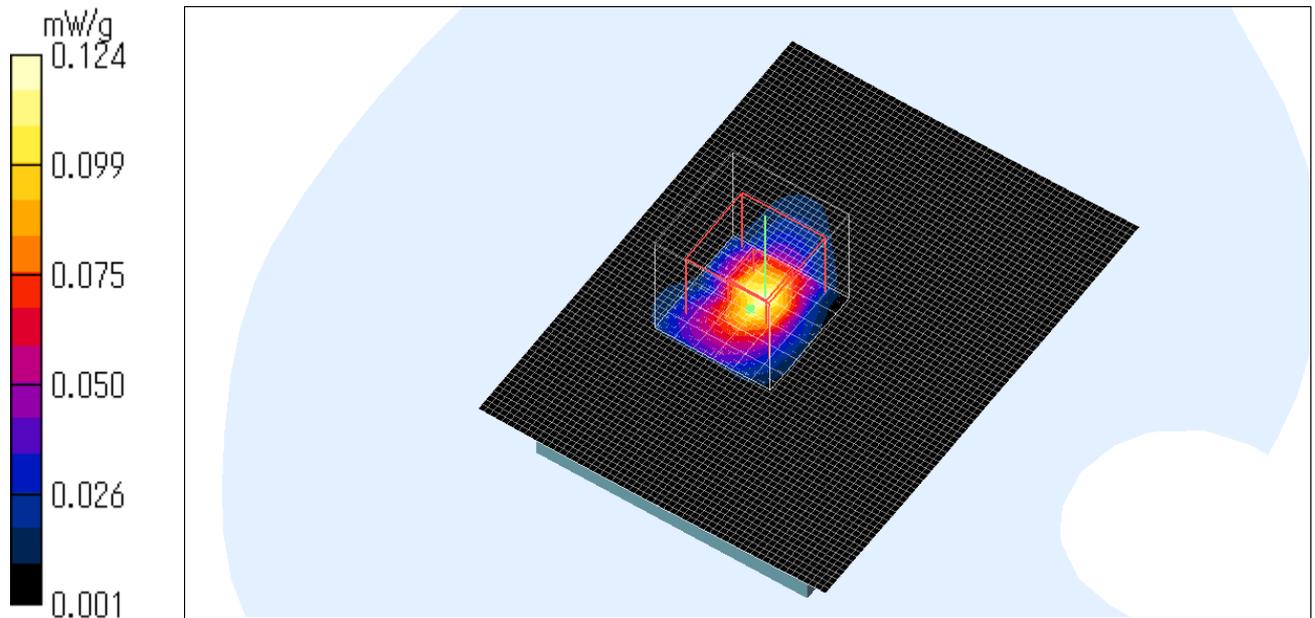
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.124 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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Z-axis scan at max SAR location

DSC-G1 / Body / Front (Closed) / 11b CCK (11Mbps) / 2412MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

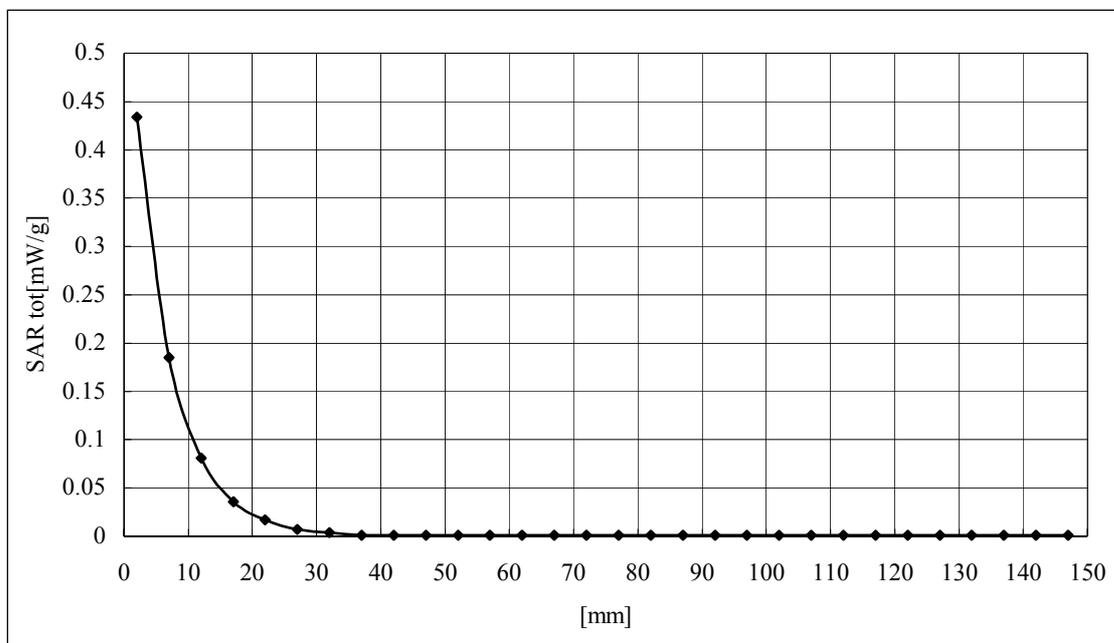
Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160



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DSC-G1 / Body / Front (Closed) / 11b CCK (11Mbps) / 2462MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.132 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.25 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.154 W/kg

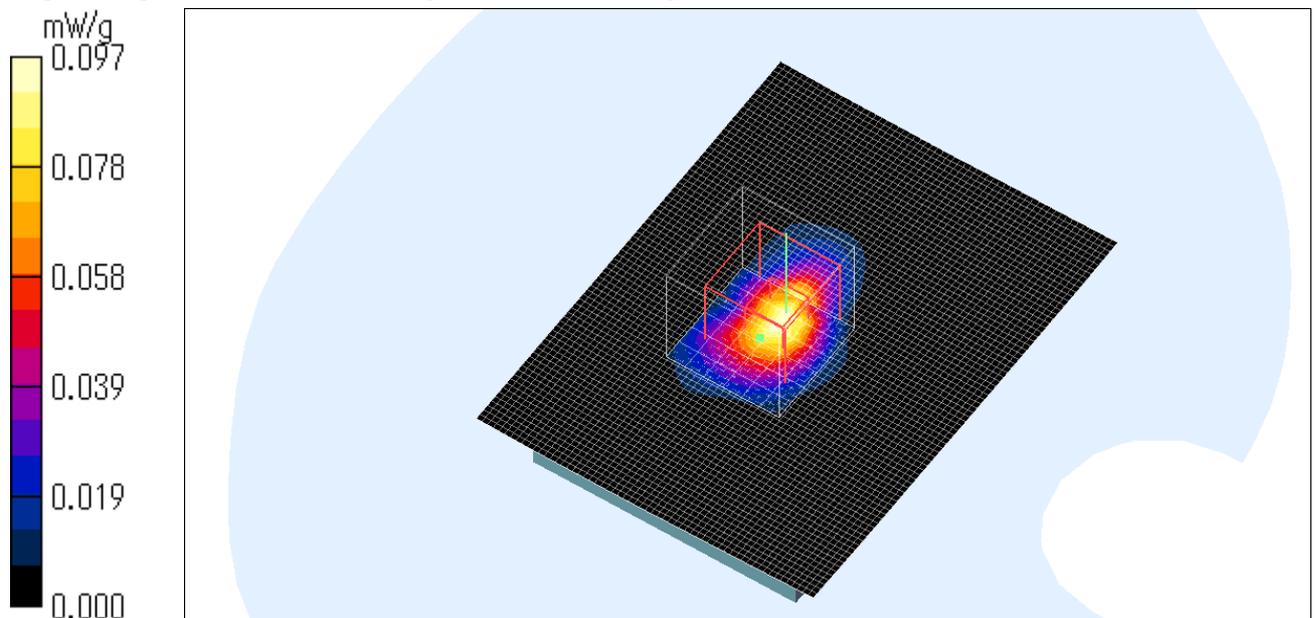
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.097 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Body / Front (Closed) / 11g BPSK (9Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.79 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.138 W/kg

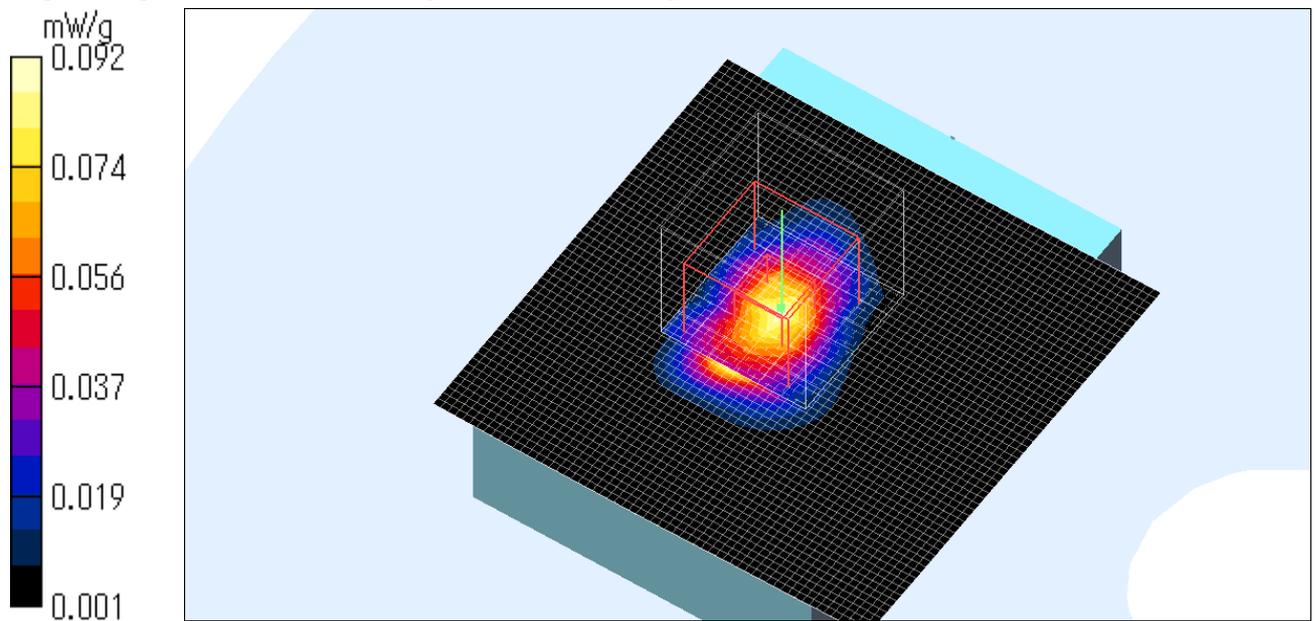
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.092 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



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DSC-G1 / Body / Front (Closed) / 11g QPSK (18Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.115 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.10 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.153 W/kg

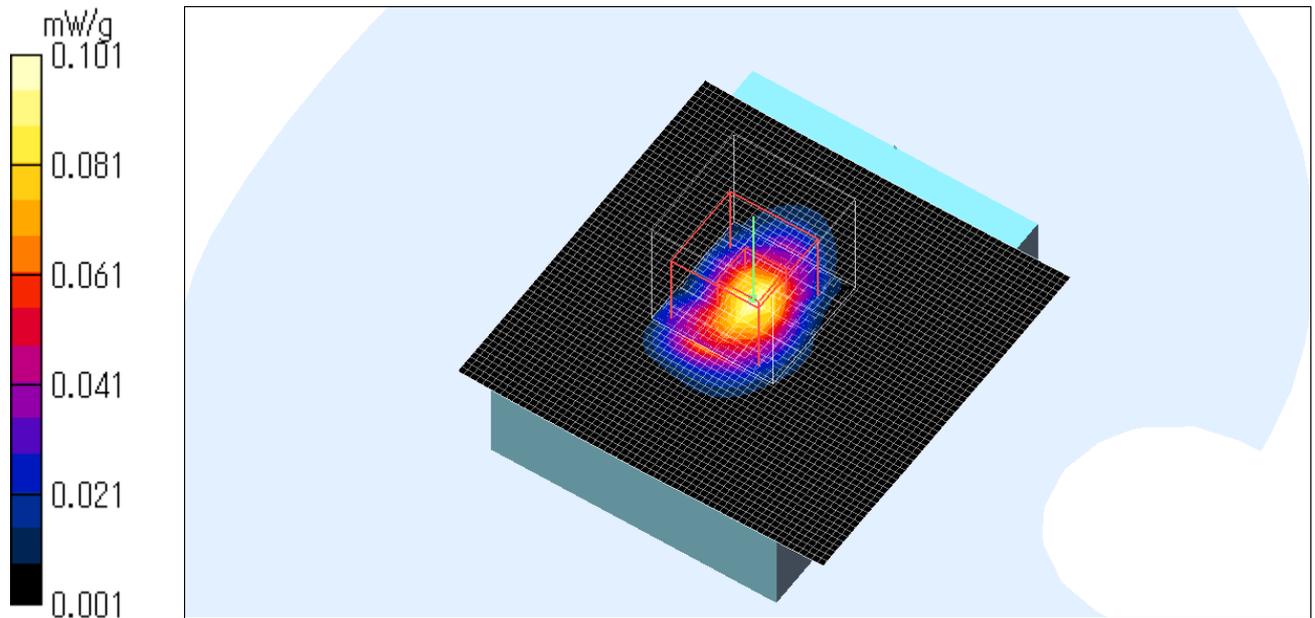
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.101 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.4 degree C.



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DSC-G1 / Body / Front (Closed) / 11g 16QAM (24Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.33 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.122 W/kg

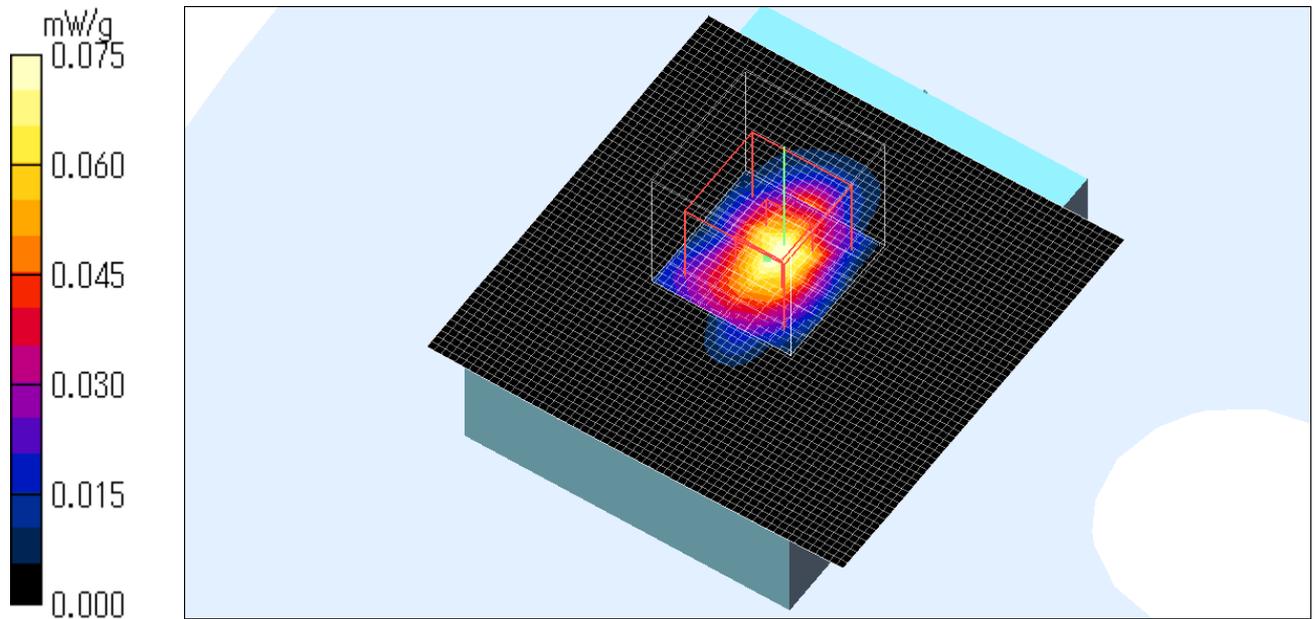
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.019 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.4 degree C. , After 24.4 degree C.



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DSC-G1 / Body / Front (Closed) / 11g 64QAM (54Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.01 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.147 W/kg

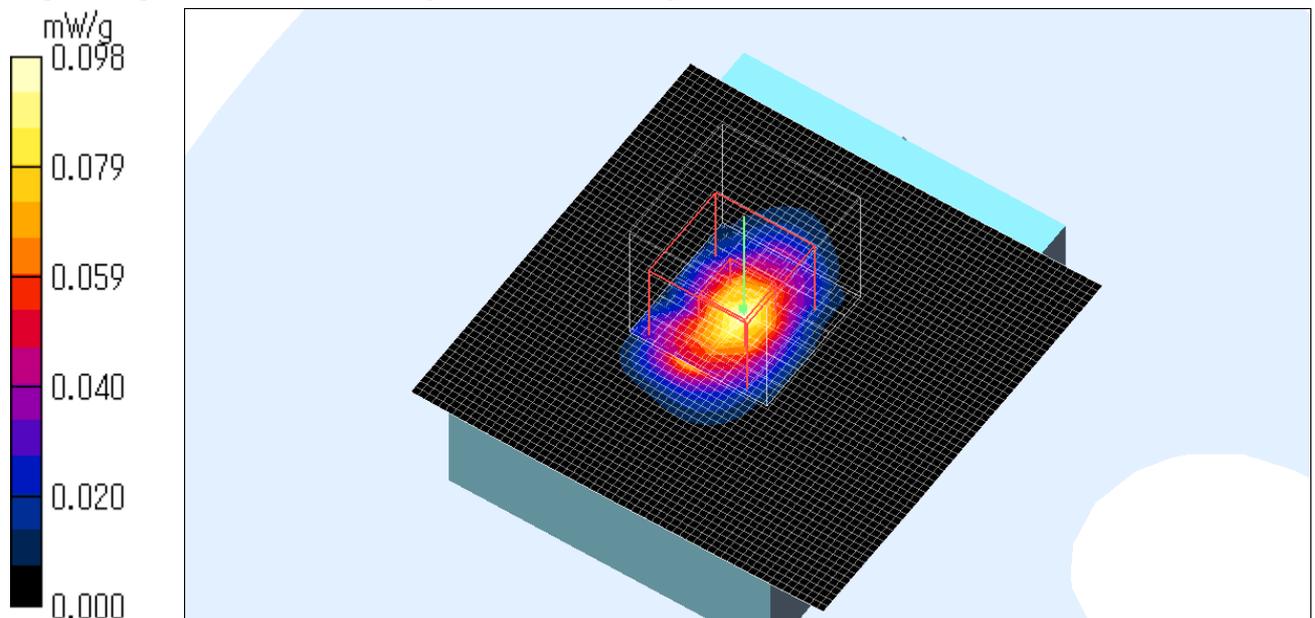
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.023 mW/g

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

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.4 degree C. , After 24.4 degree C.



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DSC-G1 / Body / Top (Opened) / 11g QPSK (18Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.095 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.19 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.120 W/kg

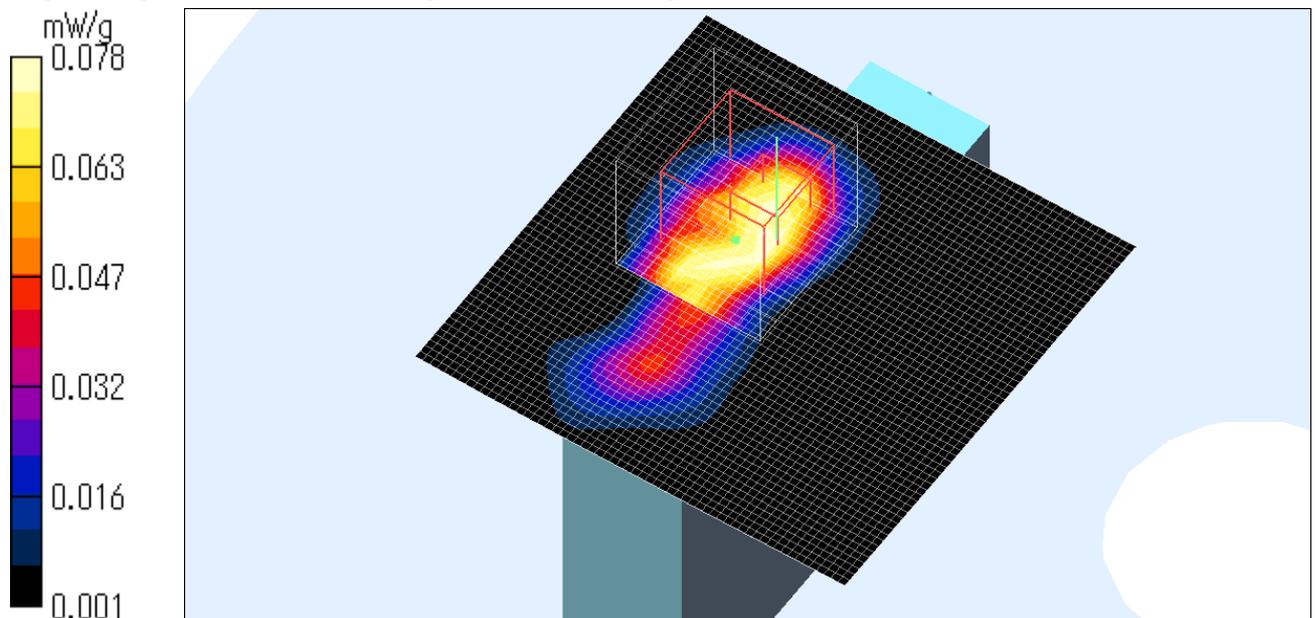
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.078 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.4 degree C. , After 24.4 degree C.



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DSC-G1 / Body / Front (Closed) / 11g QPSK (18Mbps) / 2412MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.89 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 0.148 W/kg

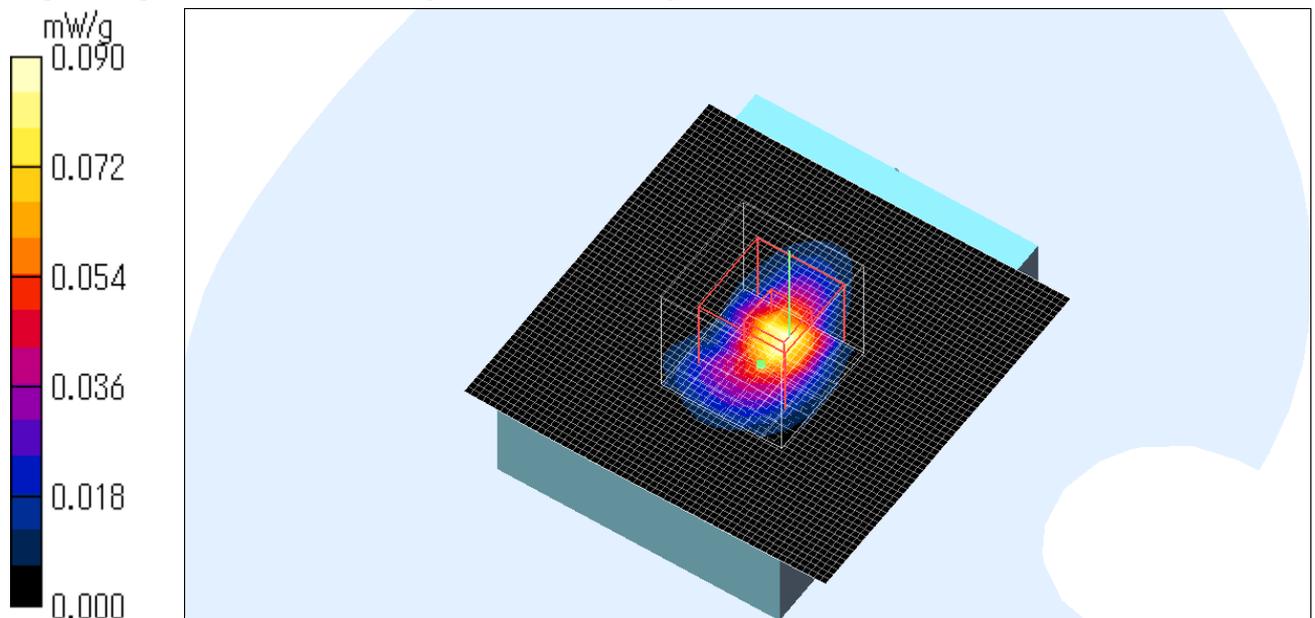
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.090 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.4 degree C. , After 24.4 degree C.



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DSC-G1 / Body / Front (Closed) / 11g QPSK (18Mbps) / 2462MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.18 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.124 W/kg

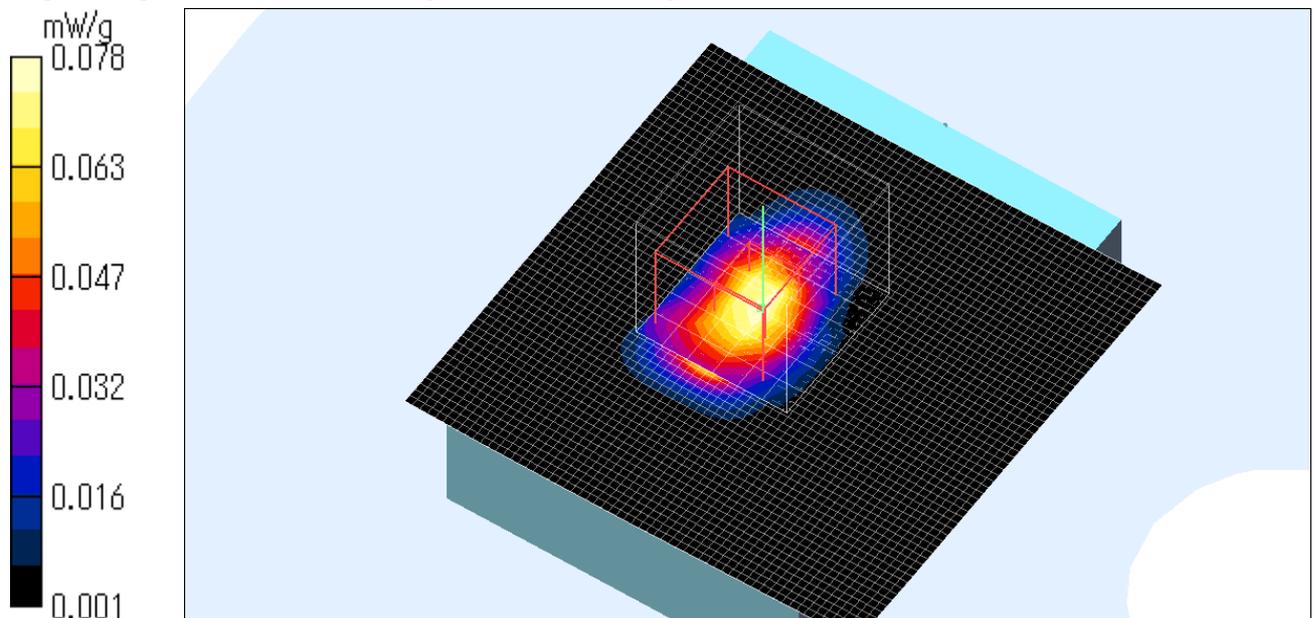
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.078 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.4 degree C. , After 24.4 degree C.



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DSC-G1 / Body / Front (Closed) 5mm / 11g QPSK (18Mbps) / 2412MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.24, 8.24, 8.24); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.45 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.045 W/kg

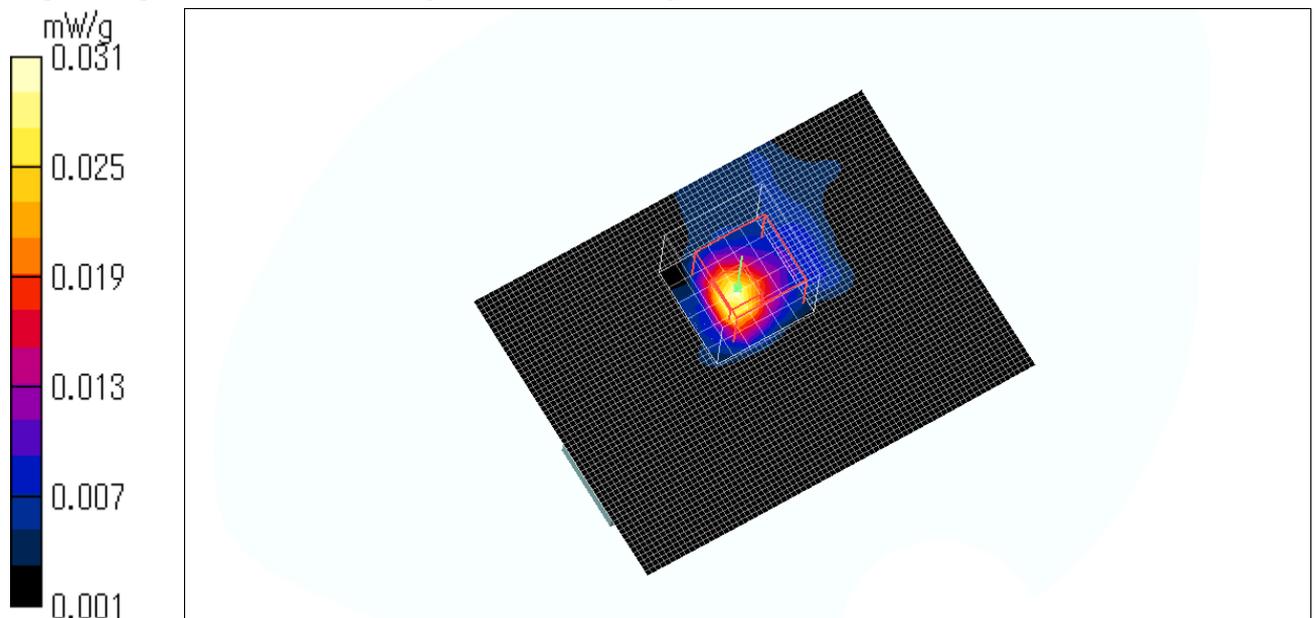
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00824 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

Test Date = 10/12/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.4 degree C. , After 24.4 degree C.



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3. Reference data (Head SAR 2450MHz)
DSC-G1 / Head / Front (Closed) / 11b CCK (11Mbps) / 2437MHz

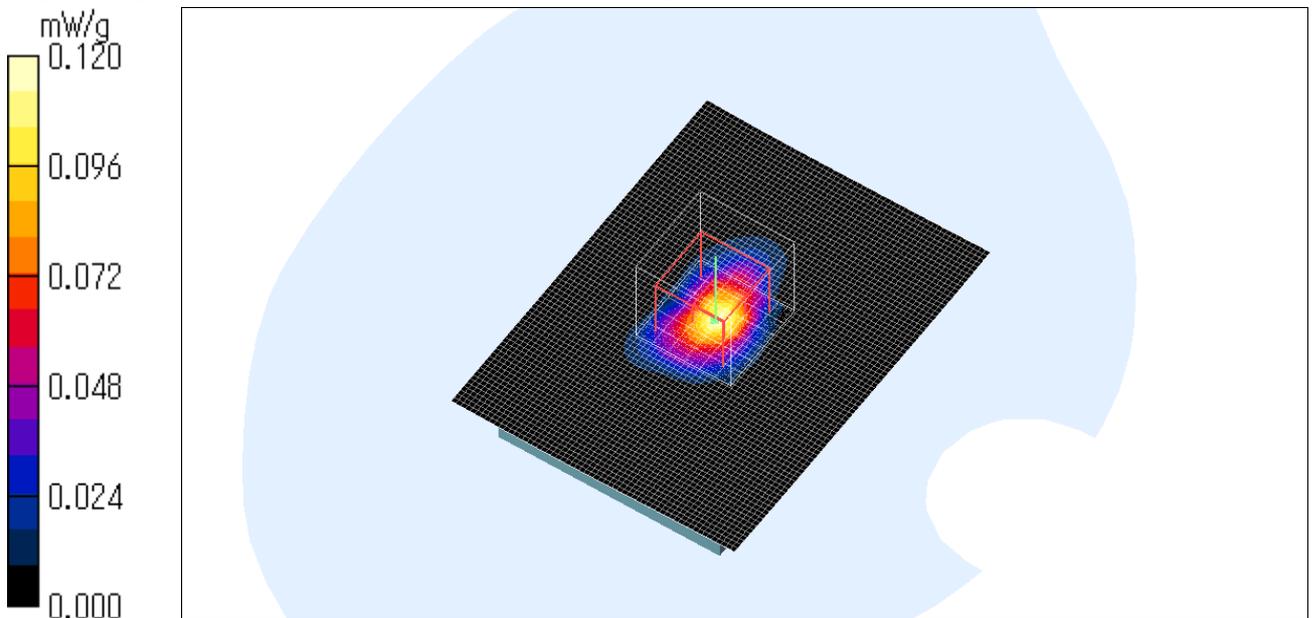
Crest factor: 1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2006/06/15
Phantom: SAM 1196
Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.73 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.120 mW/g

Test Date = 10/13/06
Ambient Temperature = 25.0 degree C.
Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



DSC-G1 / Head / Rear (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.001 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.724 V/m; Power Drift = 0.203 dB

Peak SAR (extrapolated) = 0.002 W/kg

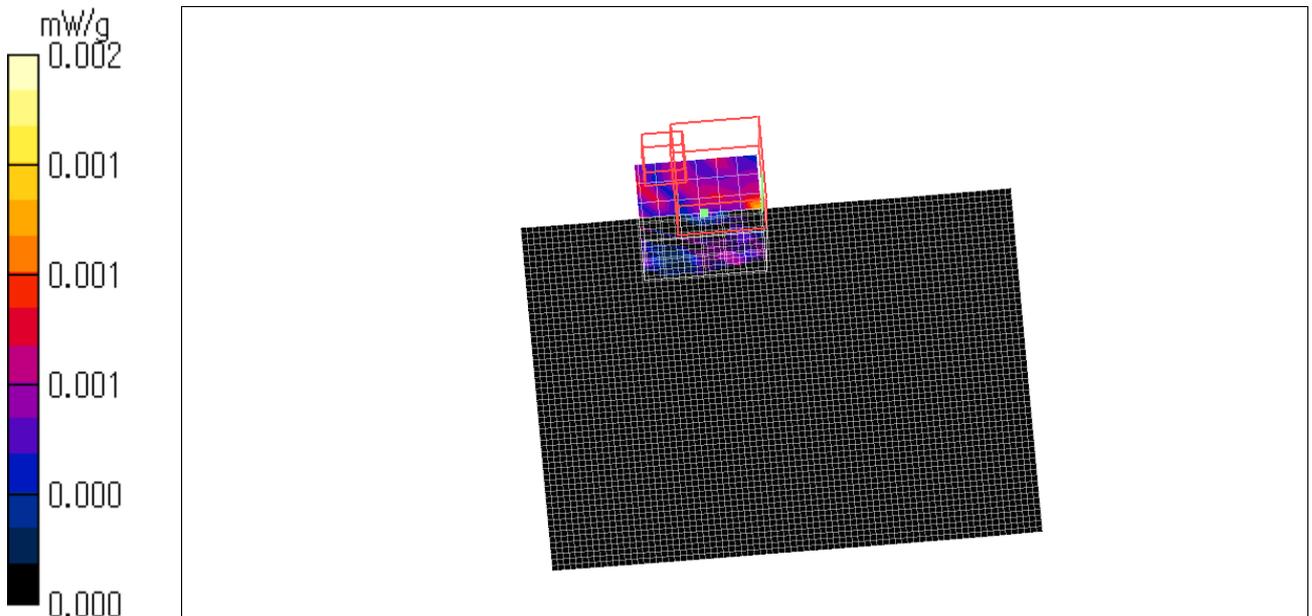
SAR(1 g) = 0.00012 mW/g; SAR(10 g) = 2.17e-005 mW/g

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

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Head / Left Side (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.03 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.043 W/kg

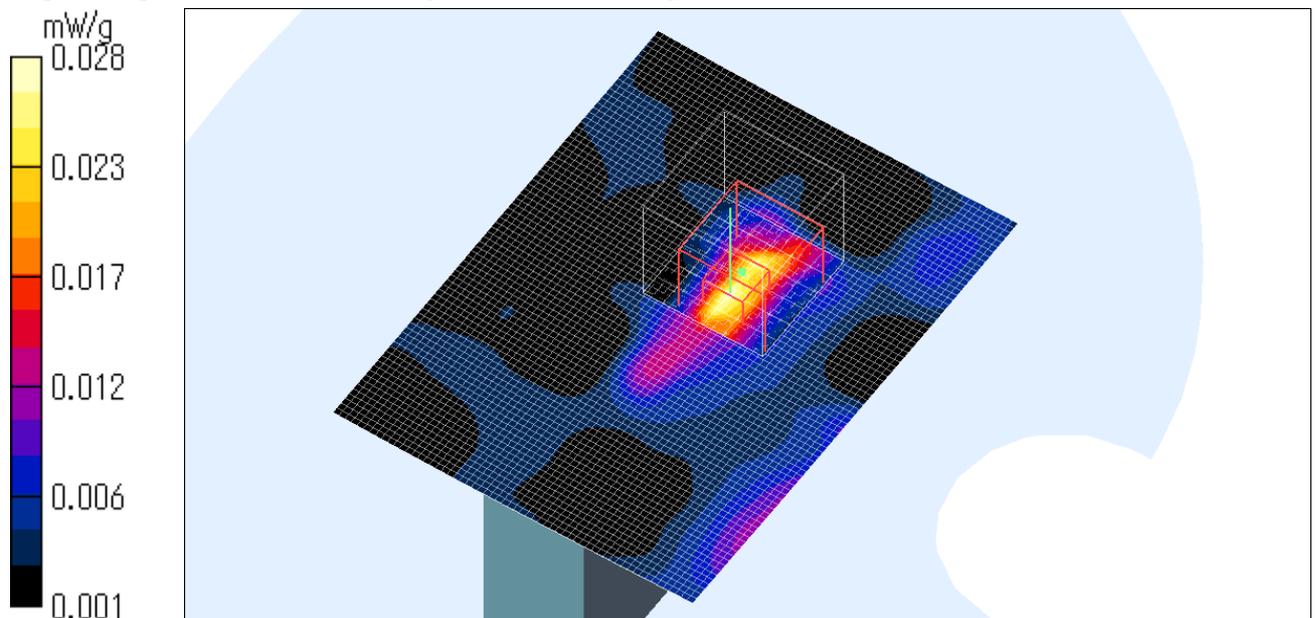
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00682 mW/g

Maximum value of SAR (measured) = 0.028 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.2 degree C.



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DSC-G1 / Head / Right side (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.001 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.991 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.004 W/kg

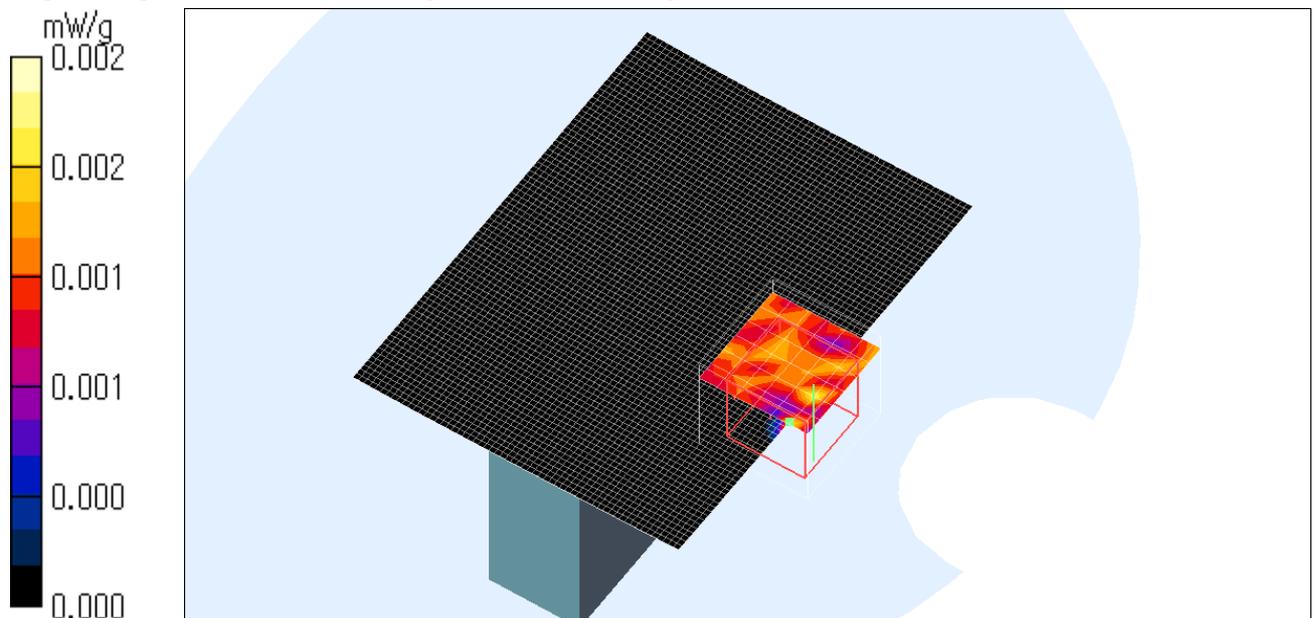
SAR(1 g) = 1.01e-005 mW/g; SAR(10 g) = 1.55e-006 mW/g

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

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.2 degree C. , After 24.2 degree C.



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DSC-G1 / Head / Top (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.56 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.107 W/kg

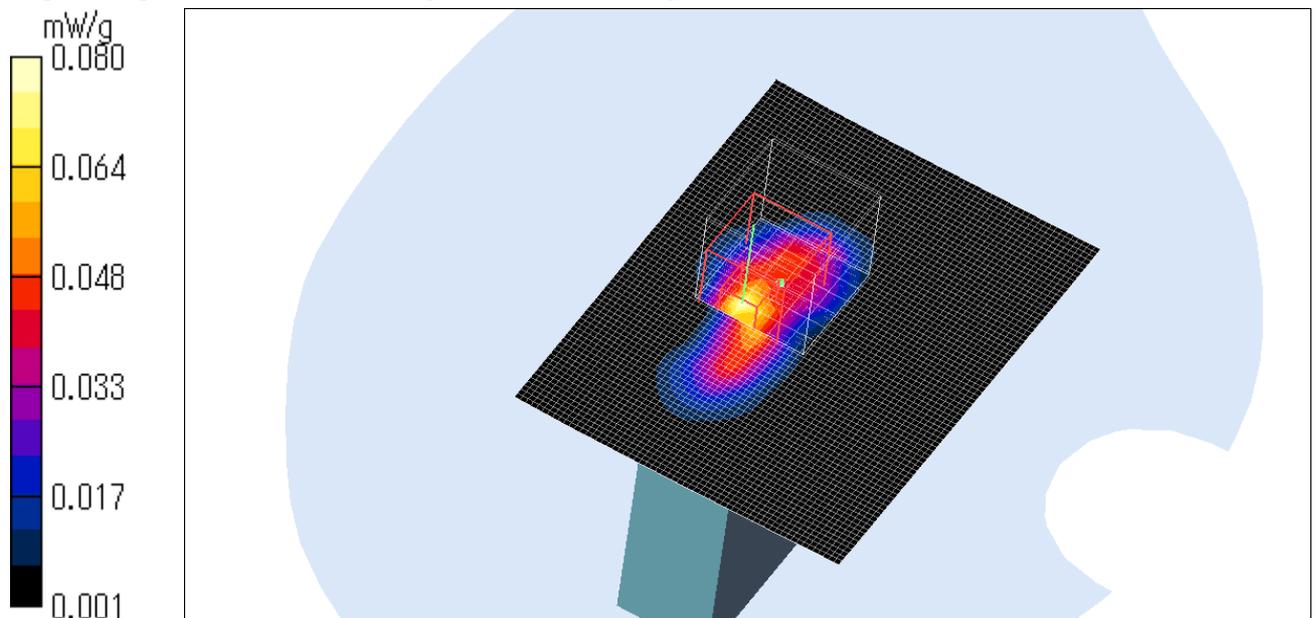
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.080 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Head / Bottom (Closed) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.913 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.007 W/kg

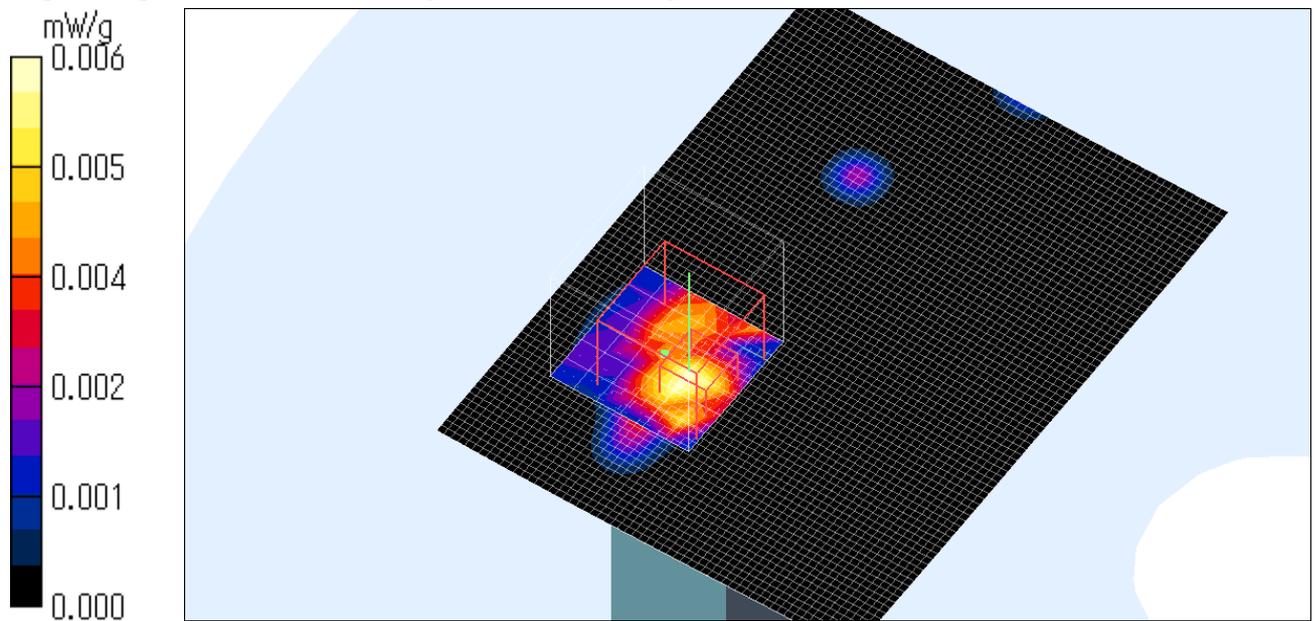
SAR(1 g) = 0.00344 mW/g; SAR(10 g) = 0.00108 mW/g

Maximum value of SAR (measured) = 0.006 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.2 degree C. , After 24.2 degree C.



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DSC-G1 / Head / Front (Opened) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.100 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.73 V/m; Power Drift = -0.204 dB

Peak SAR (extrapolated) = 0.133 W/kg

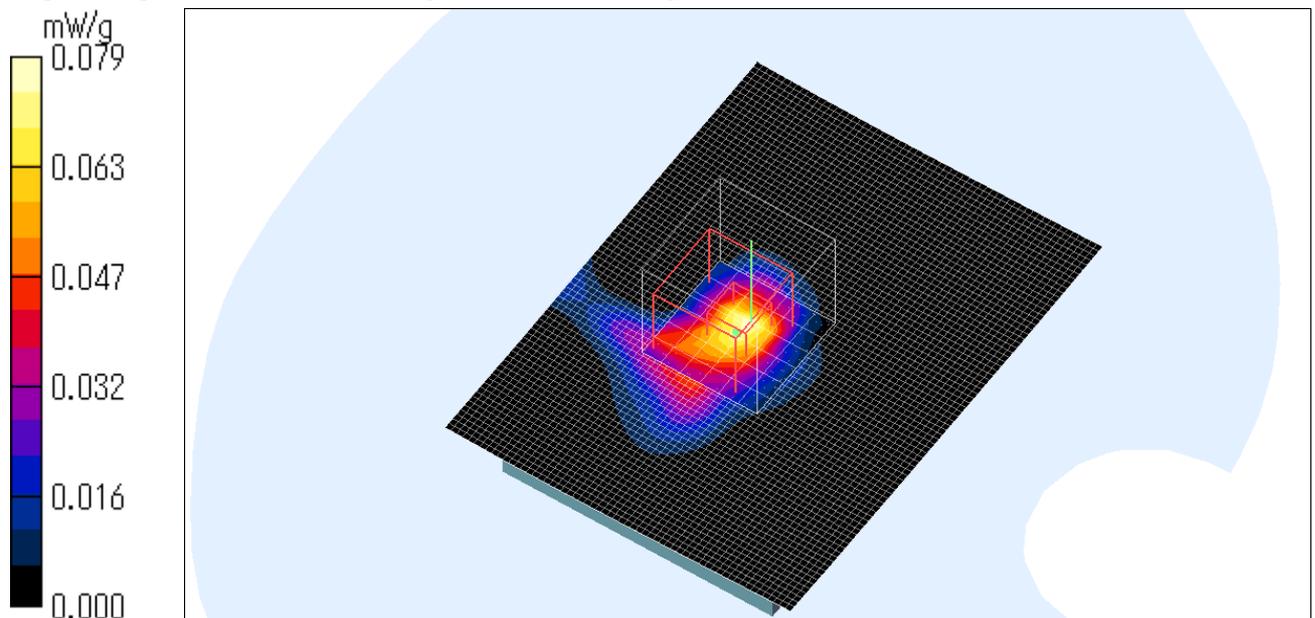
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.079 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Head / Rear (Opened) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.745 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.006 W/kg

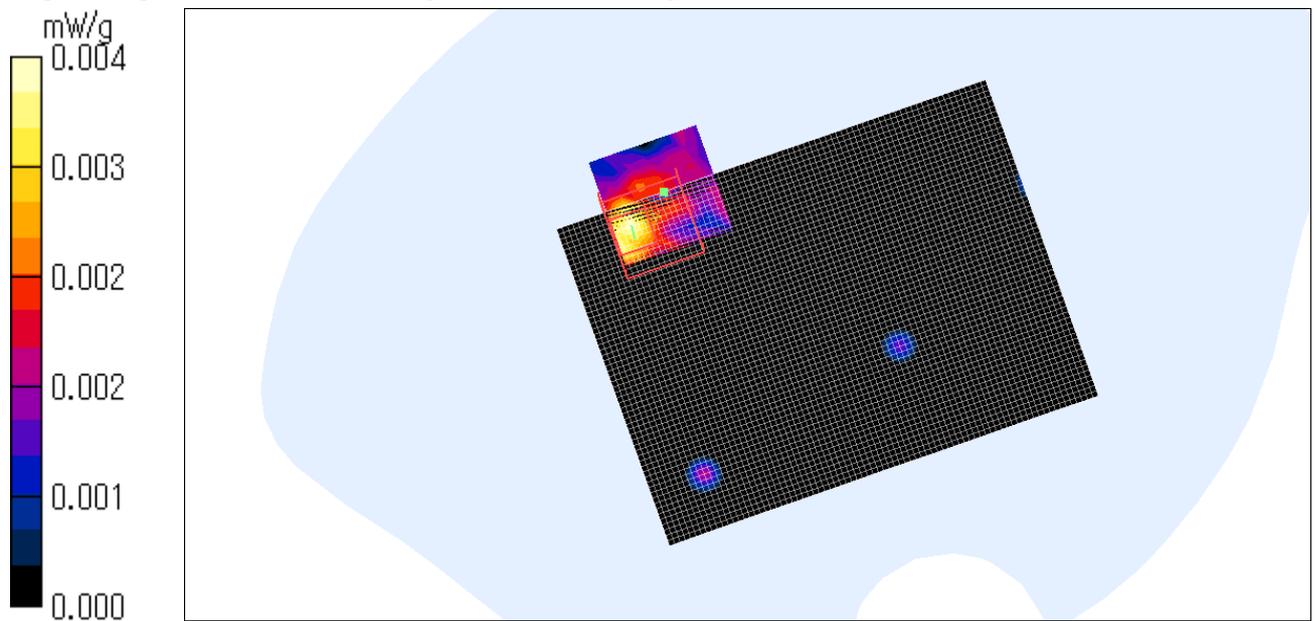
SAR(1 g) = 0.00166 mW/g; SAR(10 g) = 0.000374 mW/g

Maximum value of SAR (measured) = 0.004 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.



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DSC-G1 / Head / Top (Opened) / 11b CCK (11Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.123 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.72 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.186 W/kg

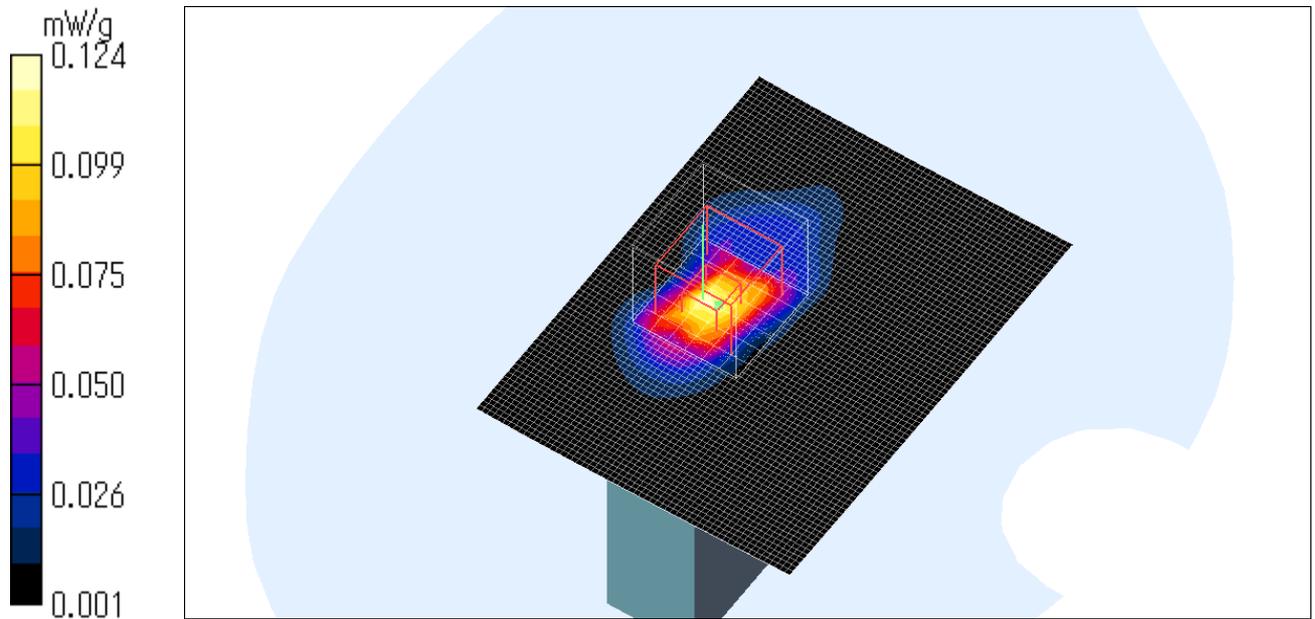
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.124 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.3 degree C. , After 24.3 degree C.



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DSC-G1 / Head / Top (Opened) / 11b CCK (11Mbps) / 2412MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.71 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.220 W/kg

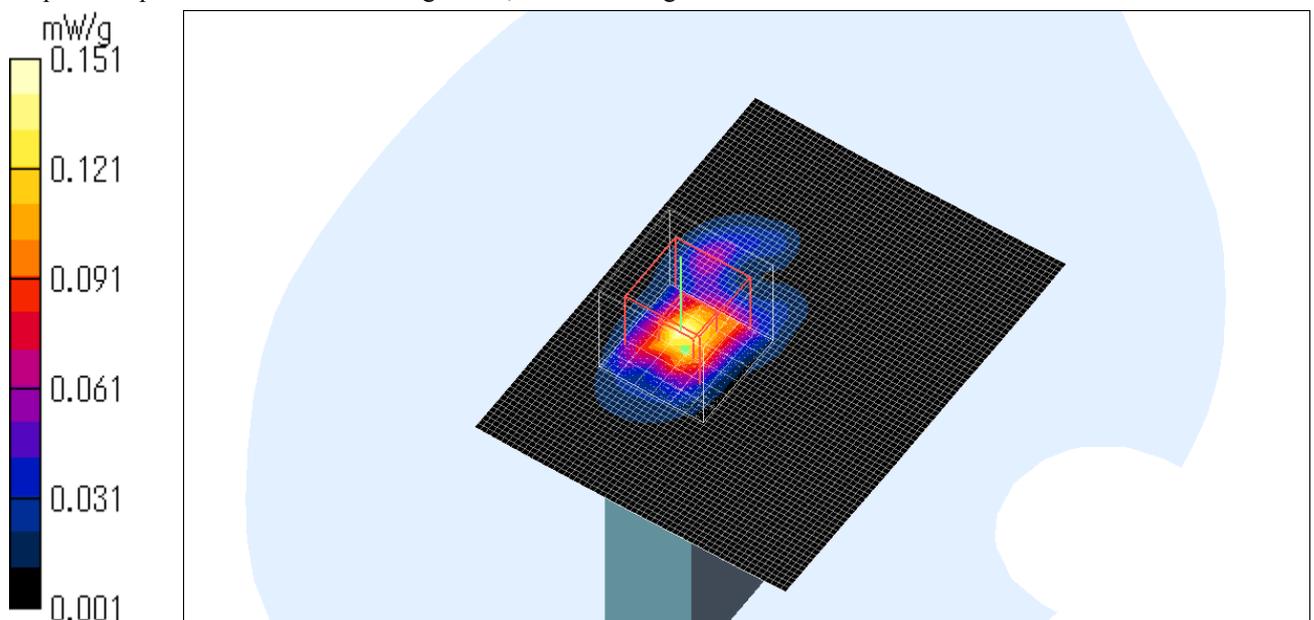
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.151 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



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DSC-G1 / Head / Top (Opened) / 11b CCK (11Mbps) / 2462MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.45 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.201 W/kg

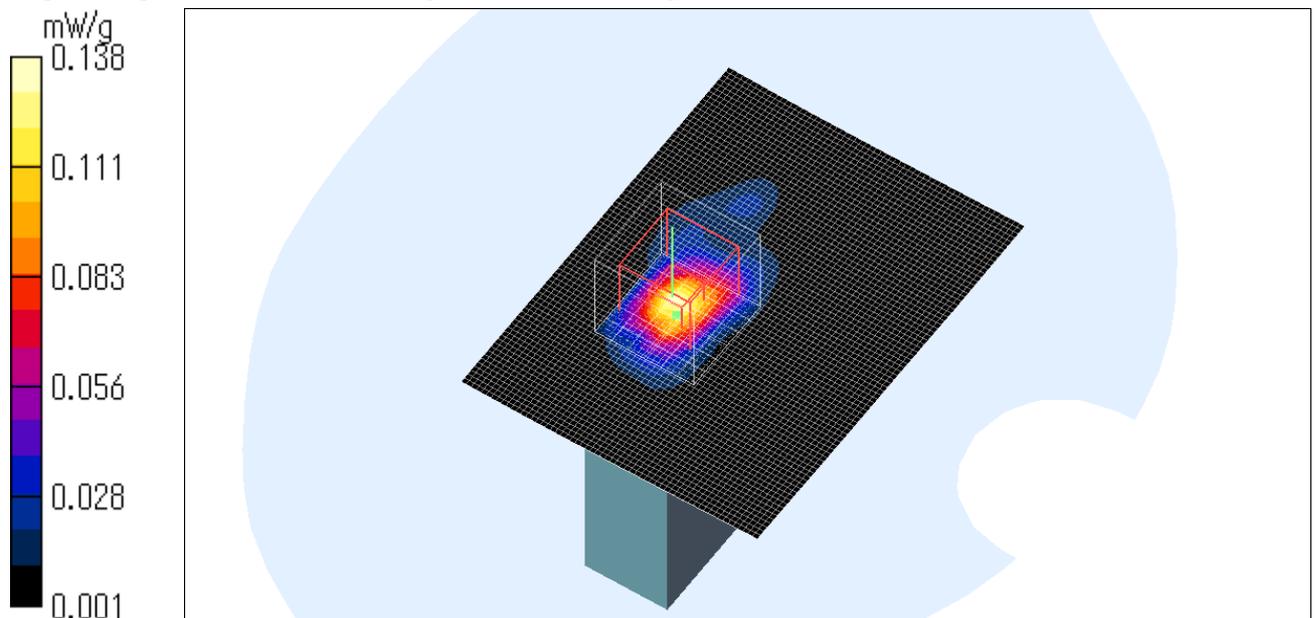
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.138 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.7 degree C.



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DSC-G1 / Head / Top (Opened) / 11g BPSK (9Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASYS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.115 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.51 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.170 W/kg

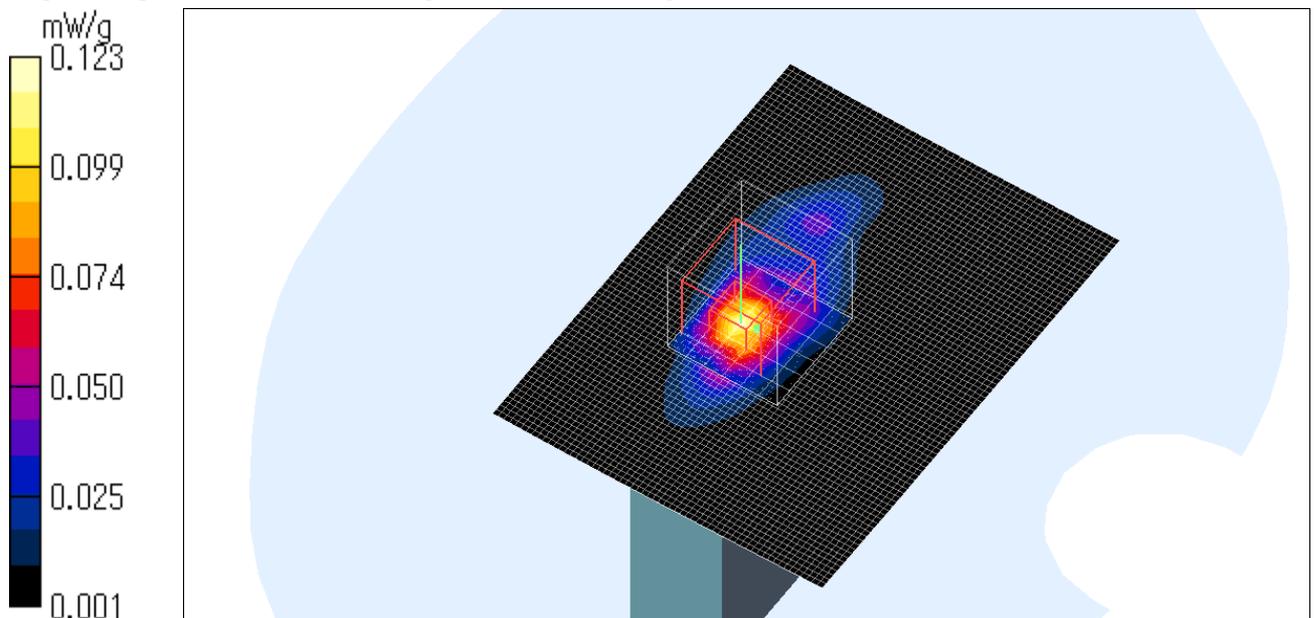
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.123 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



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DSC-G1 / Head / Top (Opened) / 11g QPSK (18Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.183 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.37 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.187 W/kg

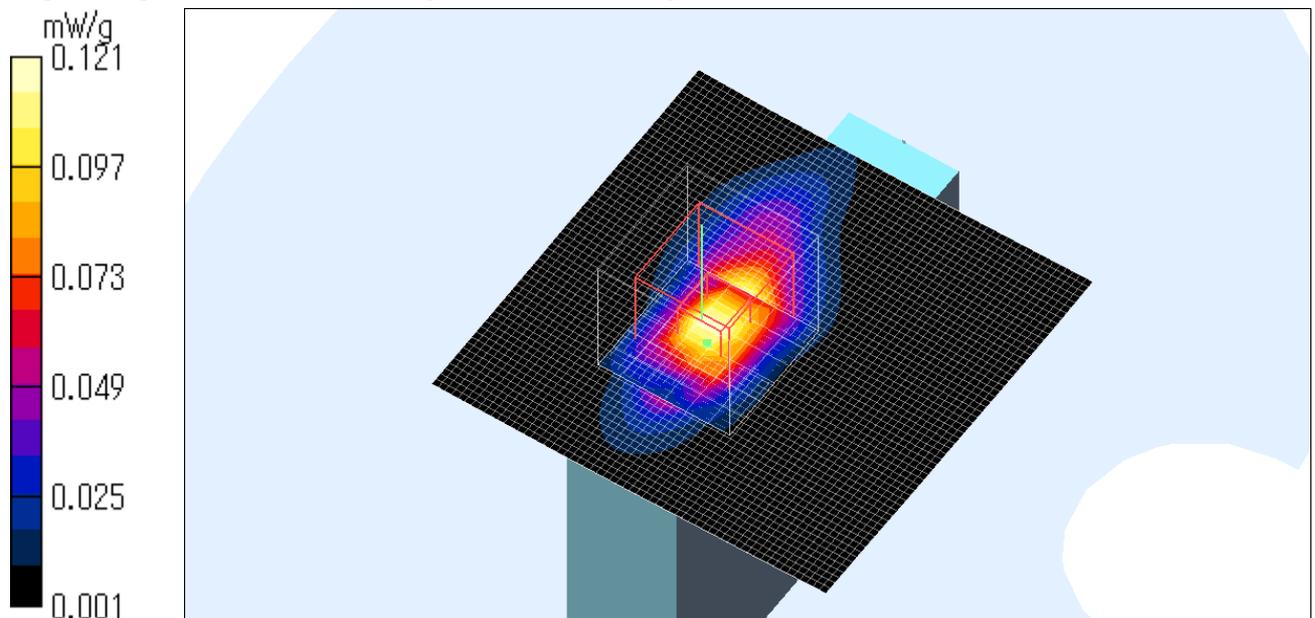
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.031 mW/g

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

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



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DSC-G1 / Head / Top (Opened) / 11g 16QAM (24Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.17 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.206 W/kg

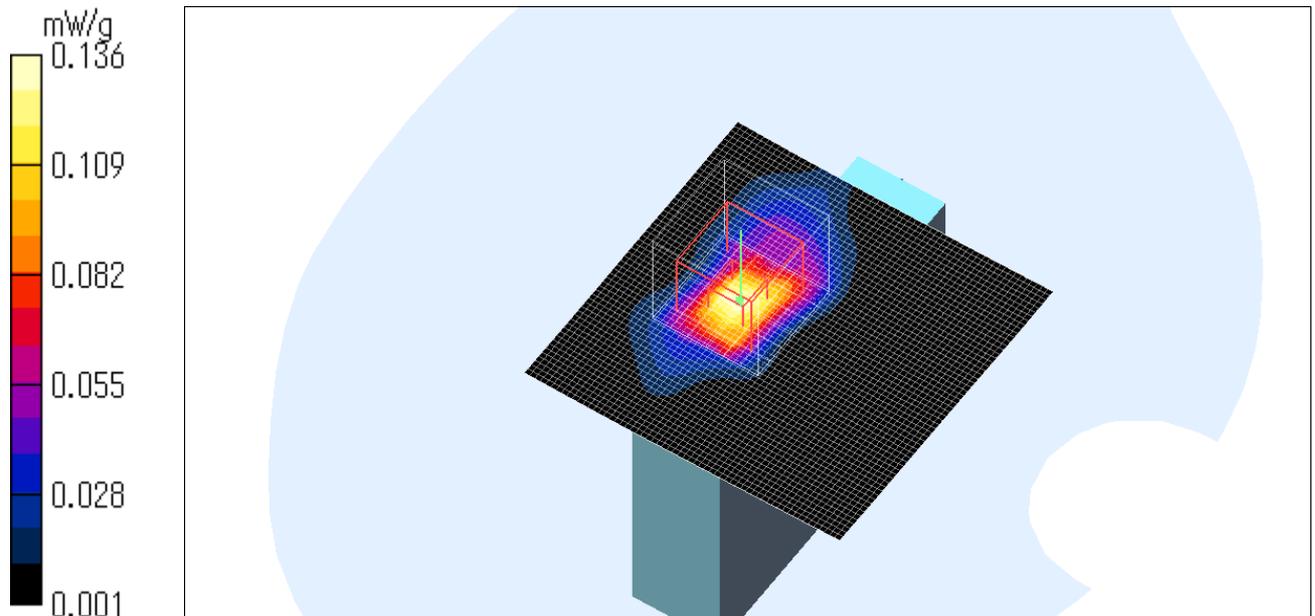
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.037 mW/g

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

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



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DSC-G1 / Head / Top (Opened) / 11g 64QAM (54Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.02 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.216 W/kg

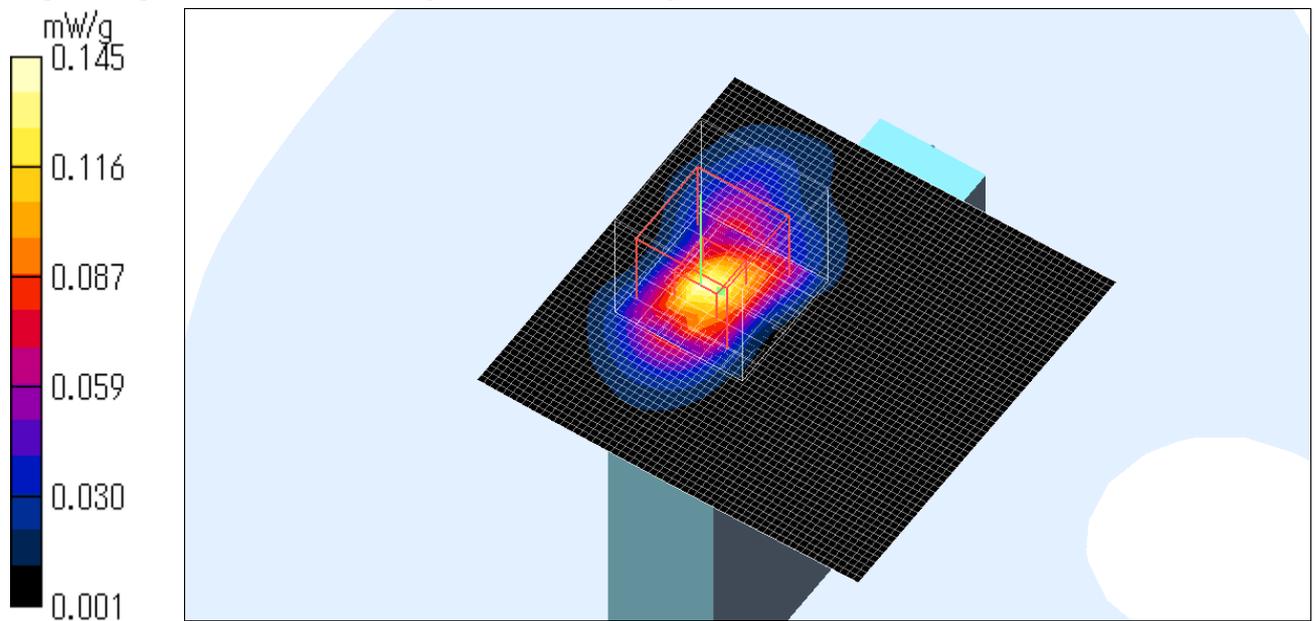
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.145 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.7 degree C. , After 24.5 degree C.



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DSC-G1 / Head / Front (Closed) / 11g 16QAM (24Mbps) / 2437MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.170 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.94 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.193 W/kg

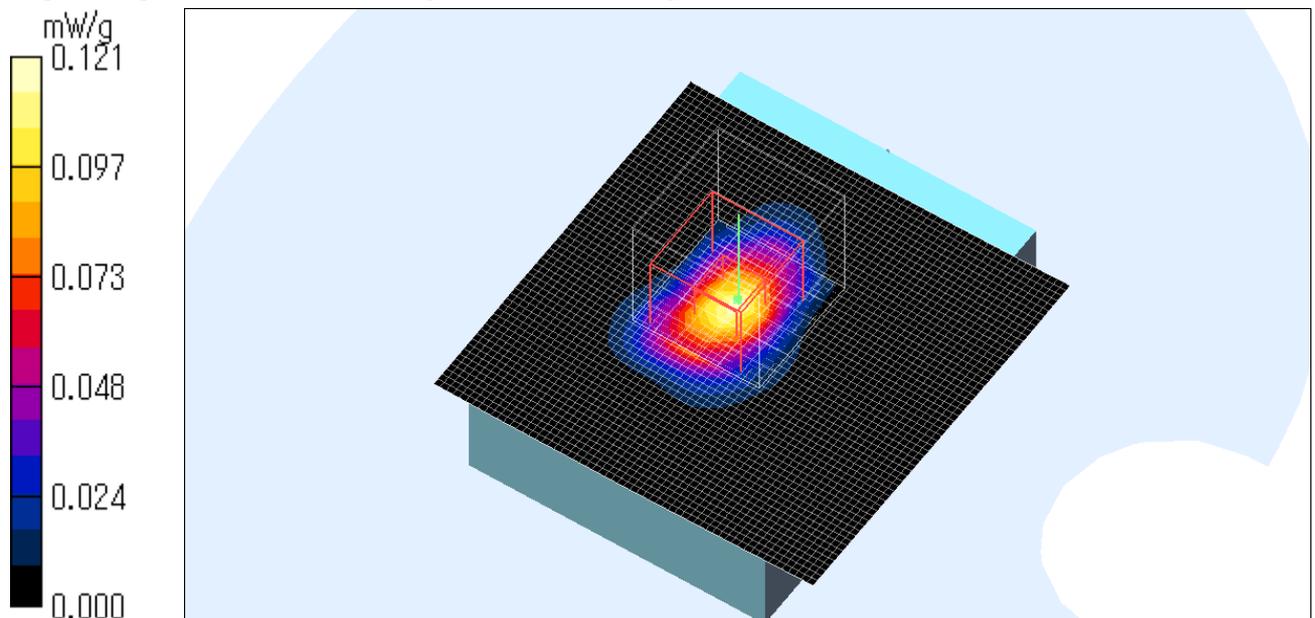
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.028 mW/g

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

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



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DSC-G1 / Head / Top (Opened) / 11g 16QAM (24Mbps) / 2412MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.148 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.18 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.239 W/kg

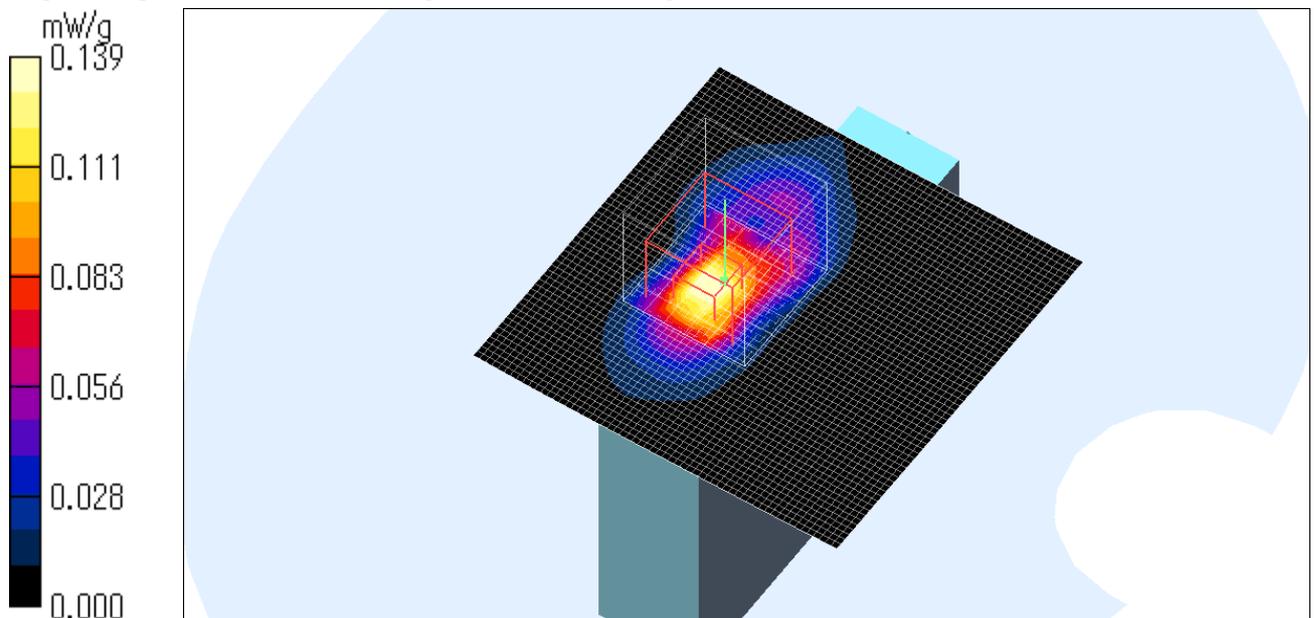
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.036 mW/g

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

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



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DSC-G1 / Head / Top (Opened) / 11g 16QAM (24Mbps) / 2462MHz

Crest factor: 1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

Probe: EX3DV3 - SN3507; ConvF(8.26, 8.26, 8.26); Calibrated: 2006/05/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE3 Sn509; Calibrated: 2006/06/15

Phantom: SAM 1196

Measurement SW: DAS4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.74 V/m; Power Drift = 0.204 dB

Peak SAR (extrapolated) = 0.200 W/kg

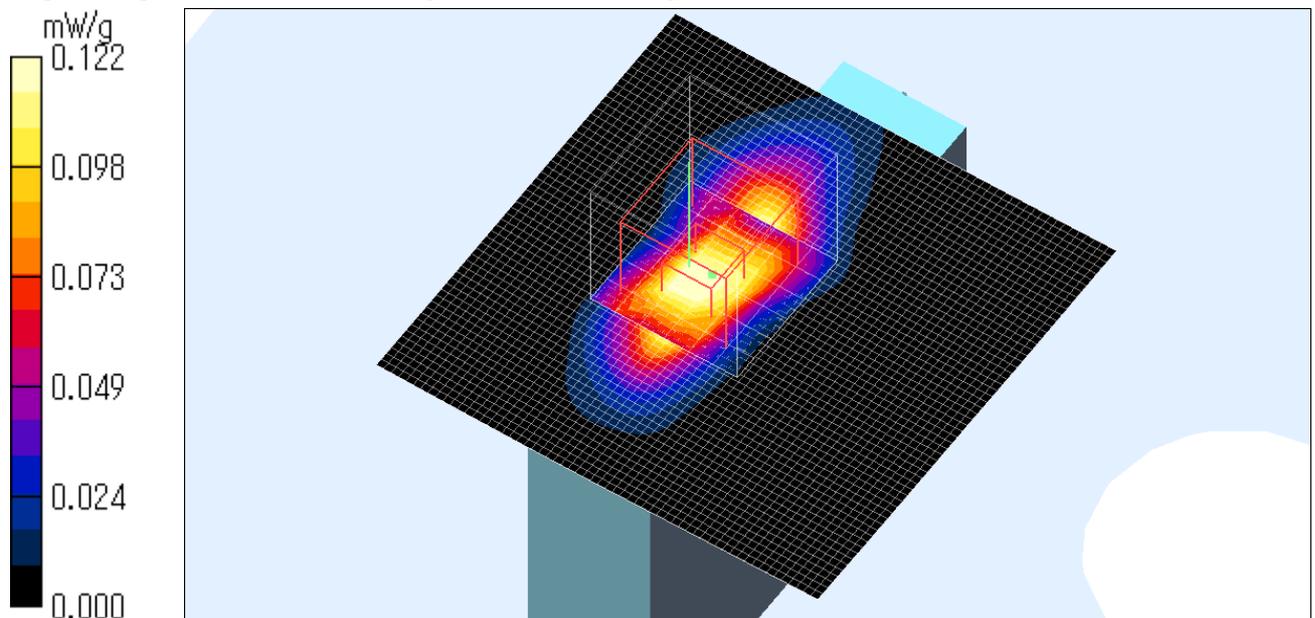
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.122 mW/g

Test Date = 10/13/06

Ambient Temperature = 25.0 degree C.

Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



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