

**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 28mm x 28mm x 22.5mm was assessed by measuring 8 x 8 x 10 points for IEEE802.11a/n(5G) and for any secondary peaks found in the Step2 which are within 2dB of maximum peak (level more than ambient noise ( $\geq 0.012$  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. Therefore minimum distance of probe sensor from surface was set to the 2mm.

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.

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**2. Measurement data (Additional band(5500-5700MHz), ant 0)**

**DY-WL10/ ant 0/ Horizontal-Front/ Default radiation/ 11a BPSK/ 5580MHz**

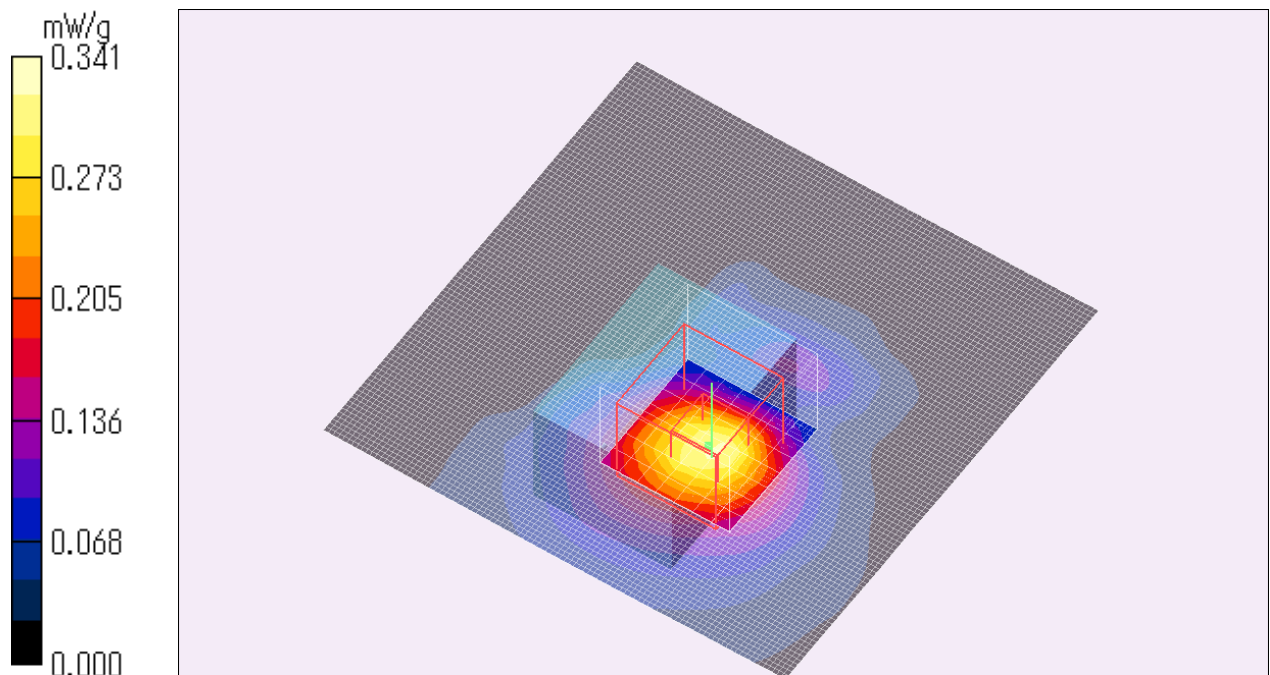
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.341 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 3.81 V/m; Power Drift = -0.189 dB  
Peak SAR (extrapolated) = 0.631 W/kg

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.067 mW/g**  
Maximum value of SAR (measured) = 0.322 mW/g

Test Date = 1/18/09  
Ambient Temperature = 24.3 degree.C  
Liquid Temperature = Before 23.6 degree.C , After 23.6 degree.C



**DY-WL10/ ant 0/ Horizontal-Front/ Front radiation/ 11a BPSK/ 5580MHz**

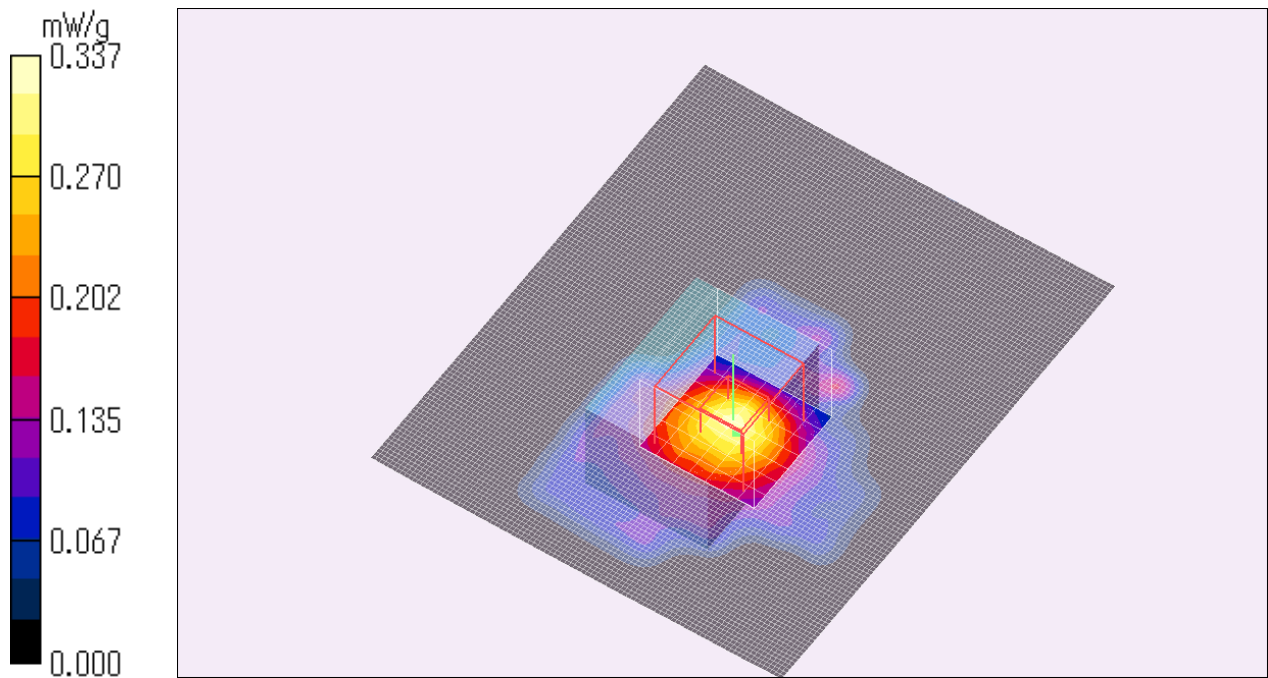
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.337 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 4.62 V/m; Power Drift = -0.133 dB  
Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.066 mW/g**  
Maximum value of SAR (measured) = 0.337 mW/g

Test Date = 1/18/09  
Ambient Temperature = 24.3 degree.C  
Liquid Temperature = Before 23.6 degree.C , After 23.6 degree.C



**DY-WL10/ ant 0/ Horizontal-Front/ Rear radiation/ 11a BPSK/ 5580MHz**

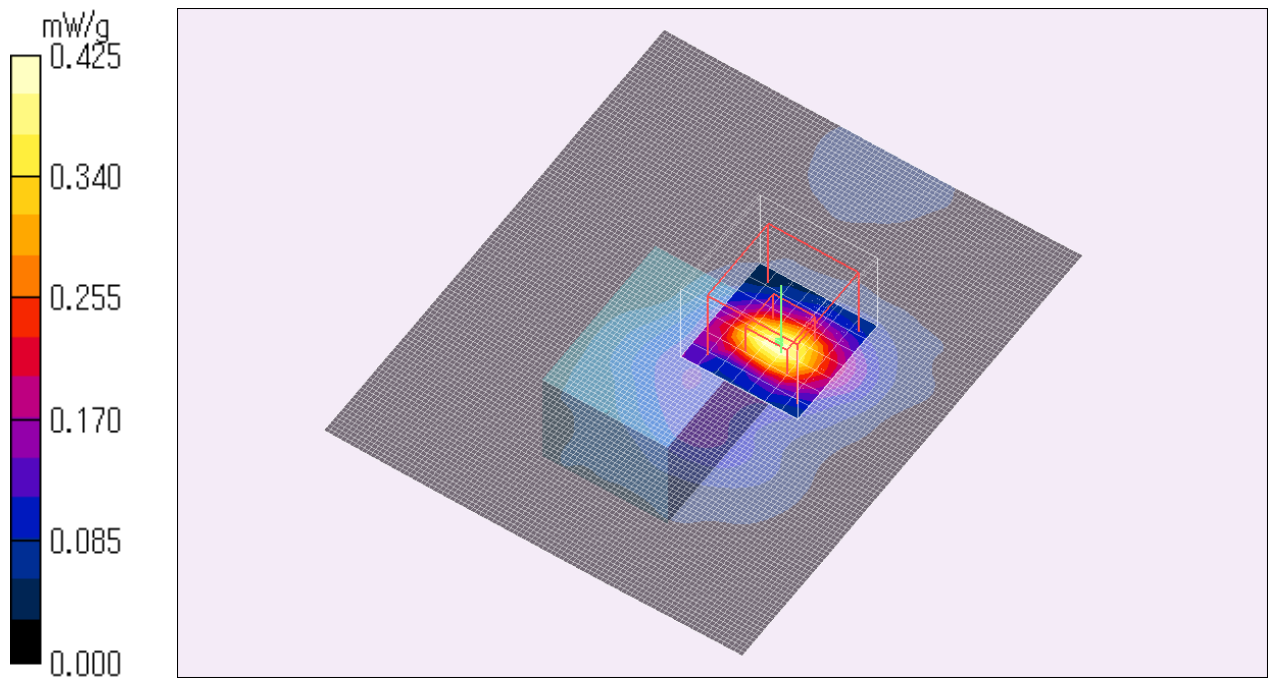
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.388 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 5.37 V/m; Power Drift = 0.164 dB  
Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.055 mW/g**  
Maximum value of SAR (measured) = 0.425 mW/g

Test Date = 1/18/09  
Ambient Temperature = 24.3 degree.C  
Liquid Temperature = Before 23.6 degree.C , After 23.6 degree.C



**DY-WL10/ ant 0/ Horizontal-Front/ Front +Rear radiation/ 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.397 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.25 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.867 W/kg

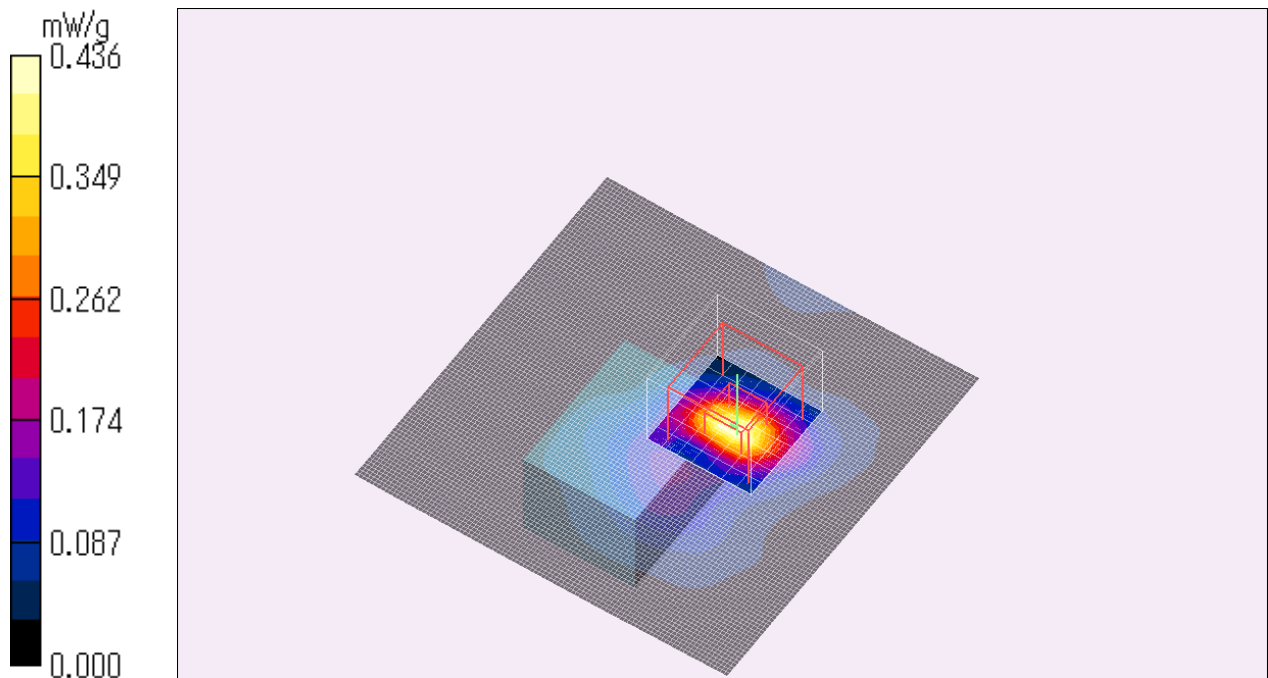
**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.064 mW/g**

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

Test Date = 1/18/09

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Horizontal-Rear/ Default radiation/ 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

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

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.98 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.186 W/kg

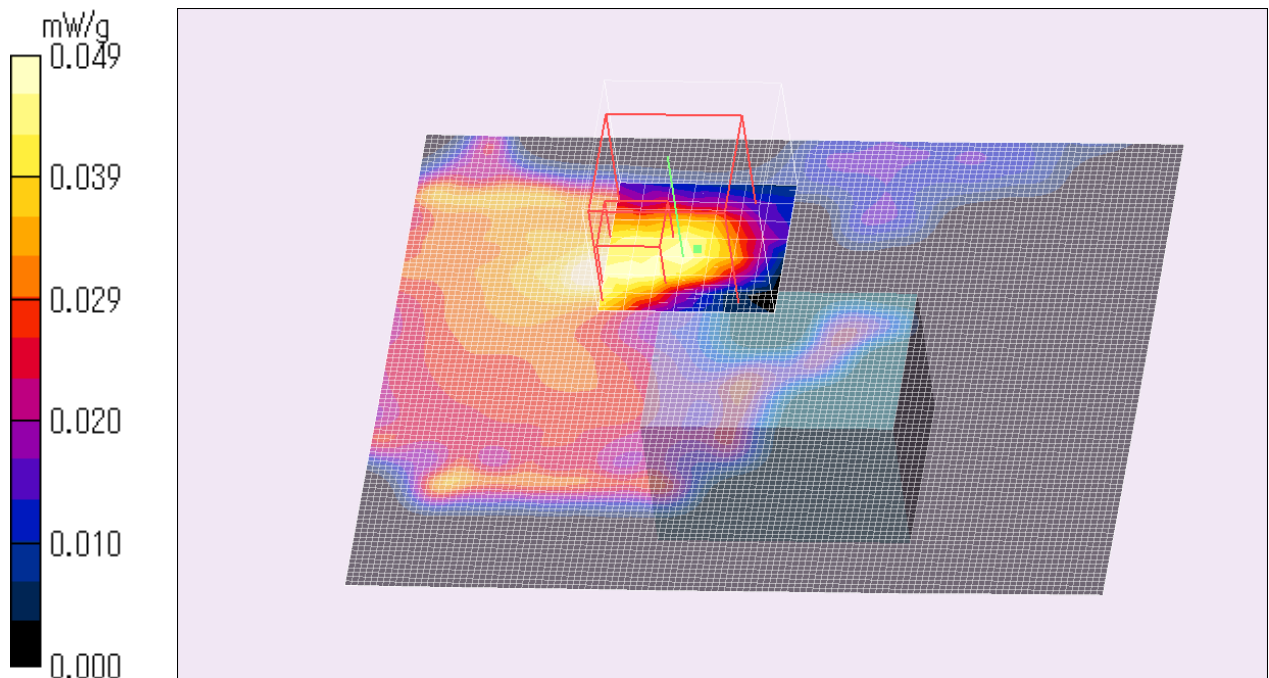
**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00808 mW/g**

Maximum value of SAR (measured) = 0.049 mW/g

Test Date = 1/18/09

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Vertical-Right/ Default radiation/ 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.166 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.47 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.303 W/kg

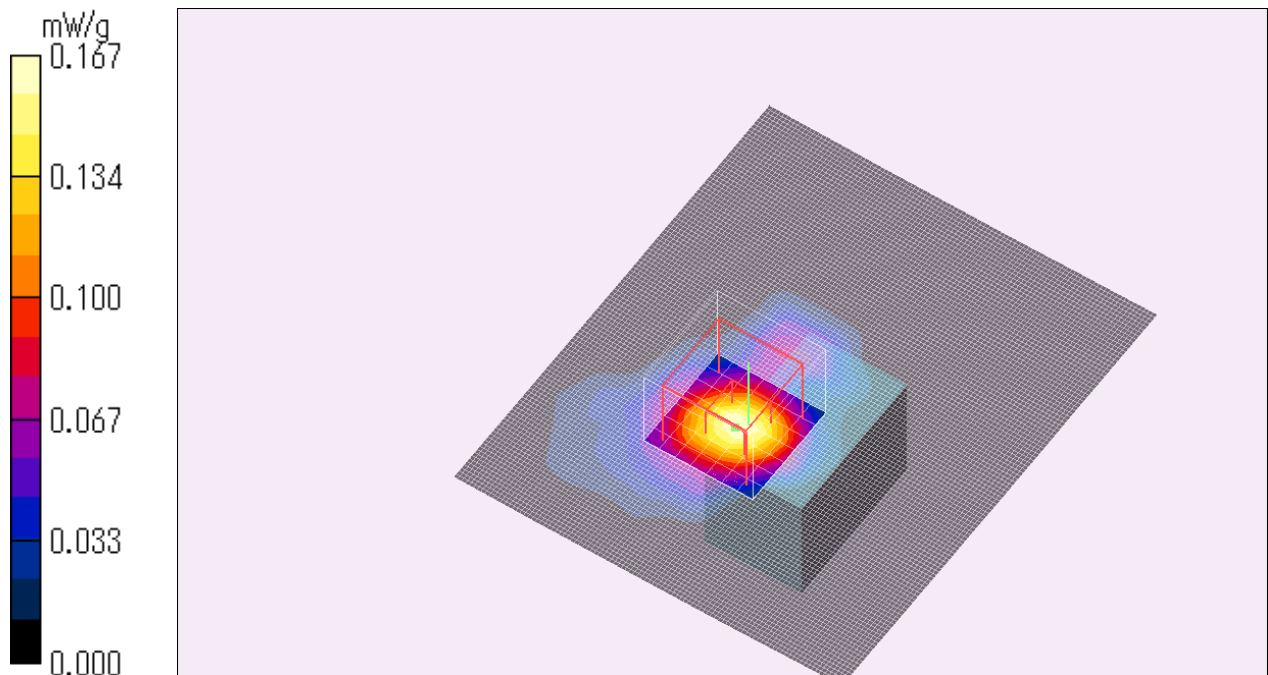
**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.167 mW/g

Test Date = 1/18/09

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Vertical-Right/ Front radiation/ 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

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

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.78 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.336 W/kg

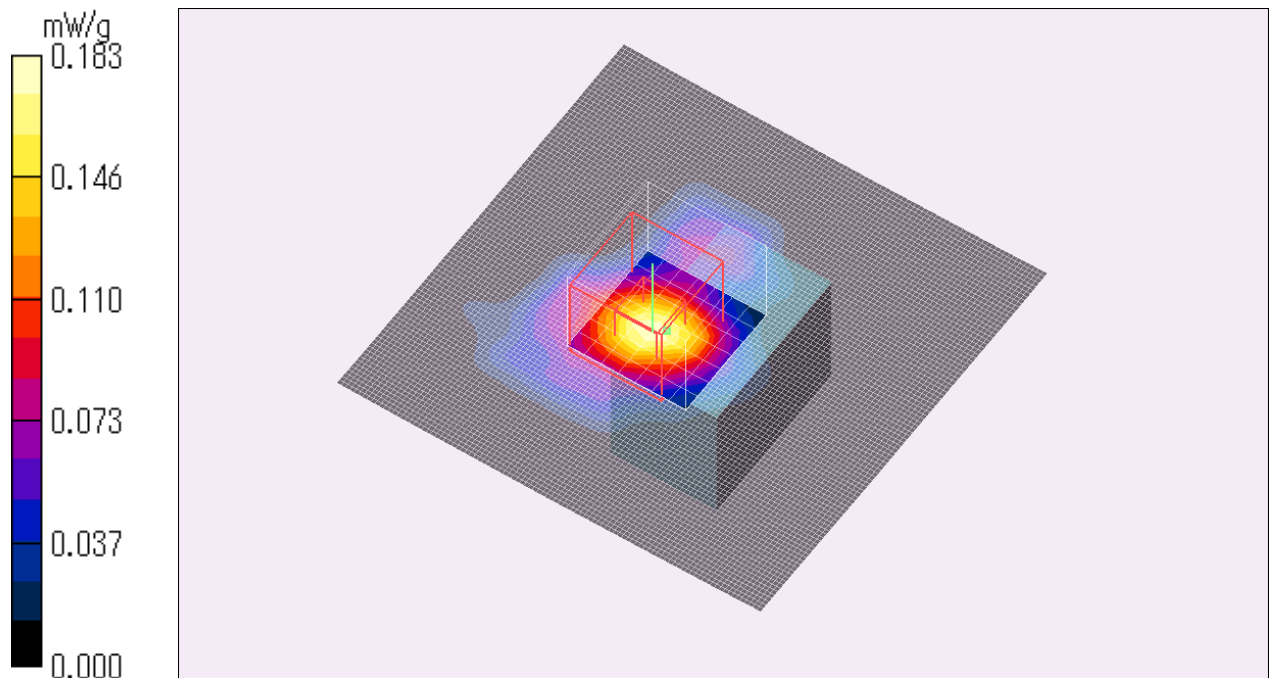
**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.033 mW/g**

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

Test Date = 1/18/09

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Vertical-Right/ Rear radiation/ 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

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

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.73 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.228 W/kg

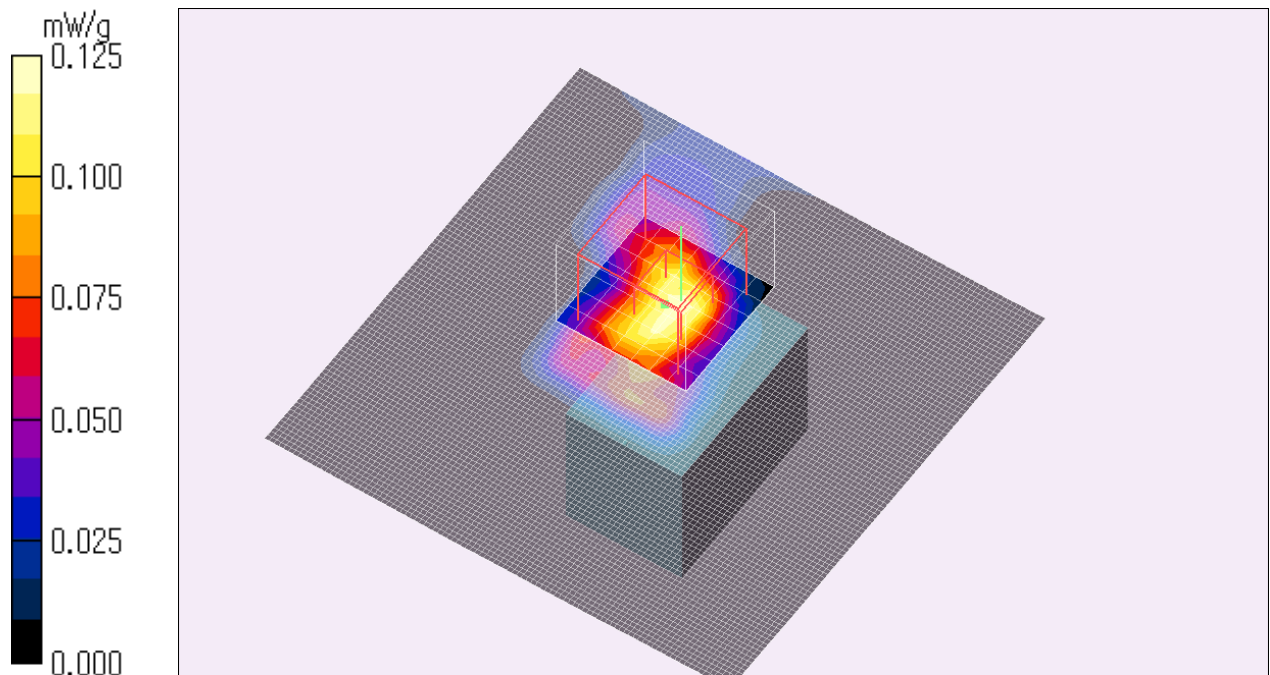
**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.125 mW/g

Test Date = 1/18/09

Ambient Temperature = 24.3 degree.C

Liquid Temperature = Before 23.7 degree.C , After 23.7 degree.C



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**DY-WL10/ ant 0/ Vertical-Right/ Front + Rear radiation/ 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

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

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.88 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.235 W/kg

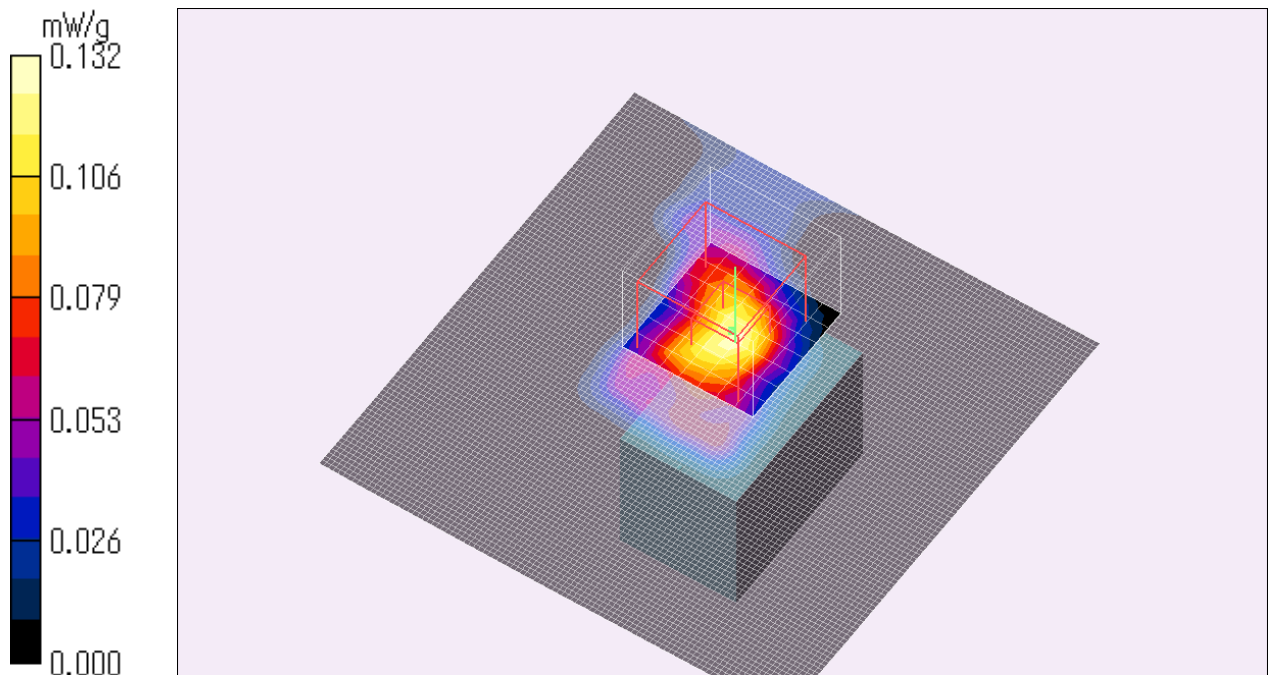
**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.020 mW/g**

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

Test Date = 1/18/09

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Vertical-Left Default radiation/ 11a BPSK/ 5580MHz**

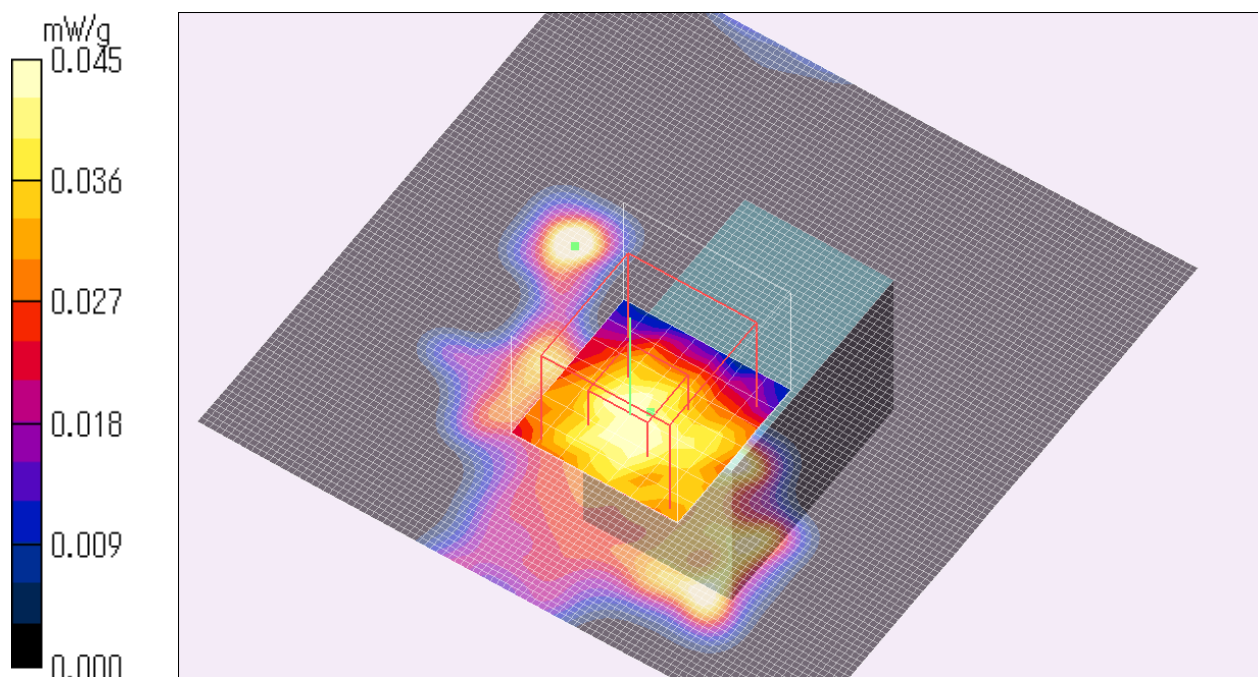
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.080 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.173 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00861 mW/g**  
Maximum value of SAR (measured) = 0.045 mW/g

Test Date = 1/18/09  
Ambient Temperature = 24.3 degree.C  
Liquid Temperature = Before 23.8 degree.C , After 23.8 degree.C





**DY-WL10/ ant 0/ Horizontal-Front/ Front + Rear radiation/ 11a BPSK/ 5520MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.91$  mho/m;  $\epsilon_r = 45.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(4.06, 4.06, 4.06); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.417 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.43 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 1.46 W/kg

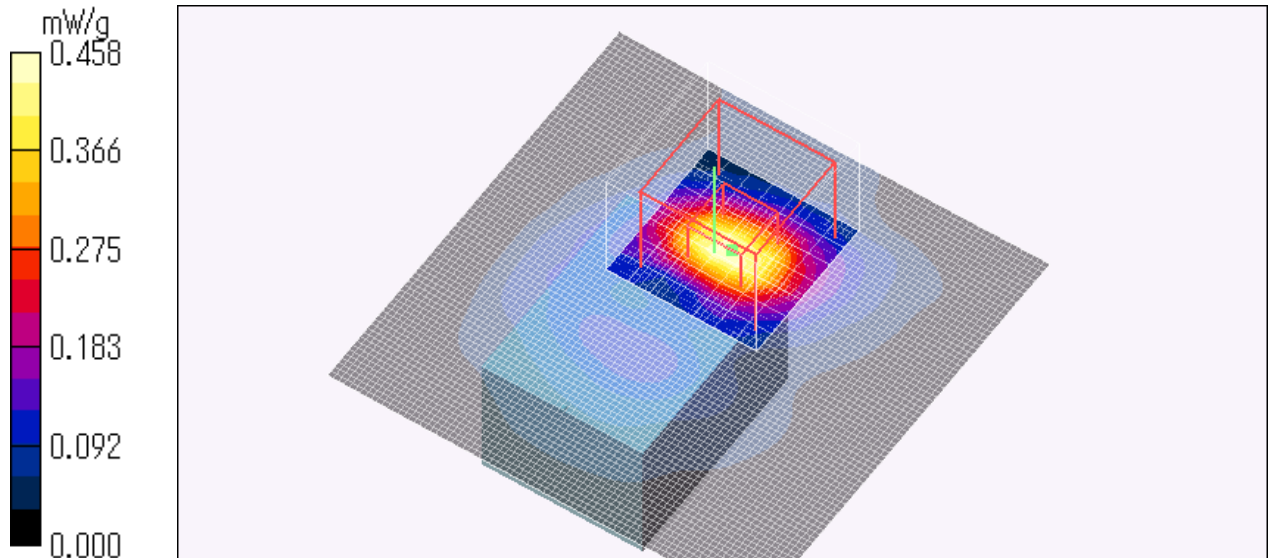
**SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.458 mW/g

Test Date = 01/18/10

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Horizontal-Front/ Front + Rear radiation/ 11a BPSK/ 5600MHz**

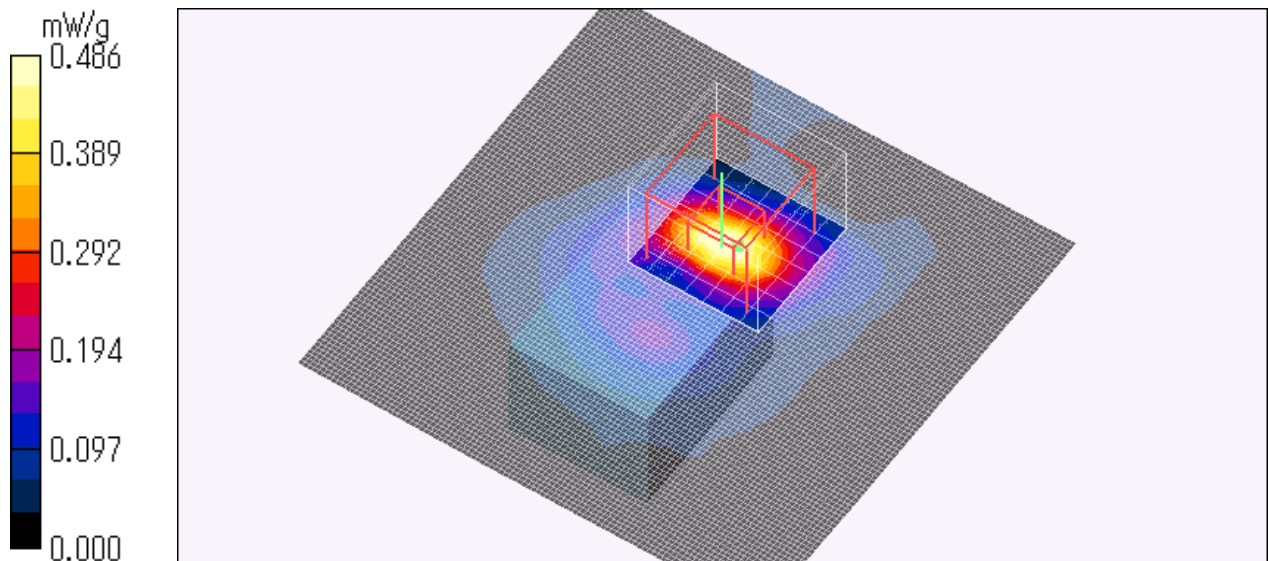
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.486 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 5.29 V/m; Power Drift = -0.111 dB  
Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.079 mW/g**  
Maximum value of SAR (measured) = 0.516 mW/g

Test Date = 01/18/10  
Ambient Temperature = 24.3 degree.C  
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C





**DY-WL10/ ant 0/ Horizontal-Front/ Front + Rear radiation/ 11a BPSK/ 5700MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.417 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.09 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.947 W/kg

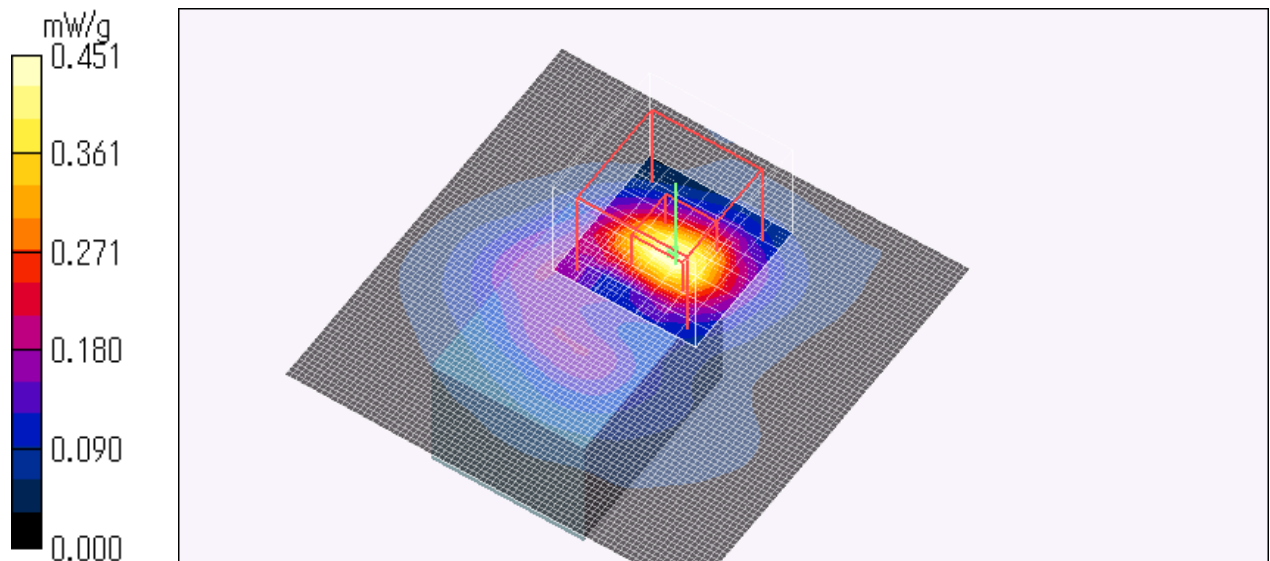
**SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.451 mW/g

Test Date = 01/18/10

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Horizontal-Front/ Front + Rear radiation/ 11n 20M BPSK/ 5700MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.437 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.33 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.967 W/kg

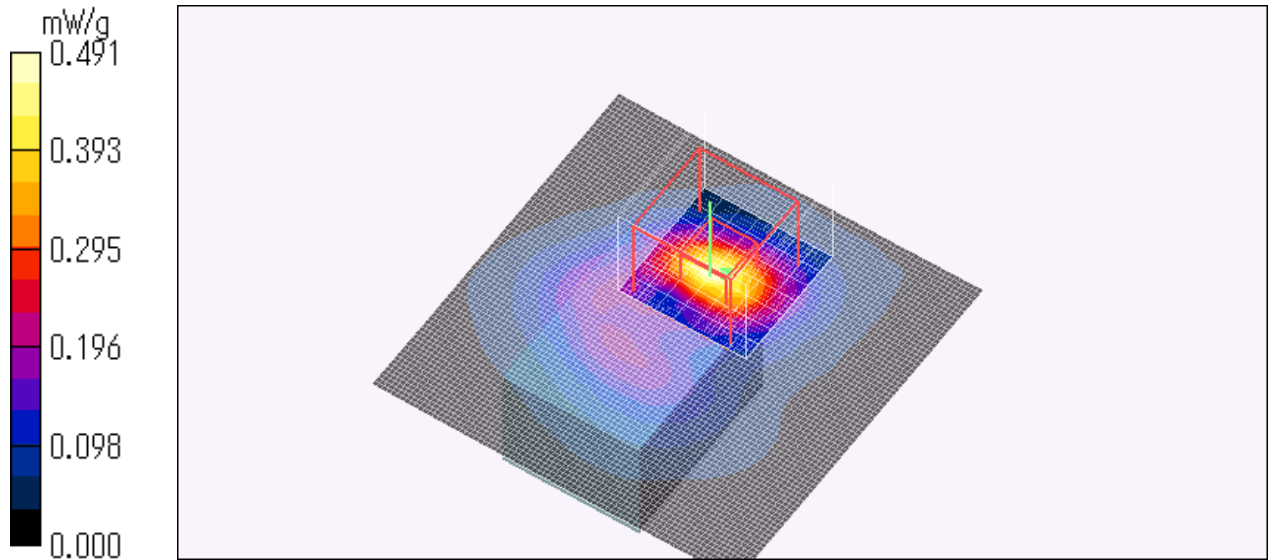
**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.491 mW/g

Test Date = 01/18/10

Ambient Temperature = 24.3 degree.C

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



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**DY-WL10/ ant 0/ Horizontal-Front/ Front + Rear radiation/ 11n 40M BPSK/ 5670MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.05$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x81x1):** Measurement grid: dx=10mm, dy=10mm

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

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.03 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.887 W/kg

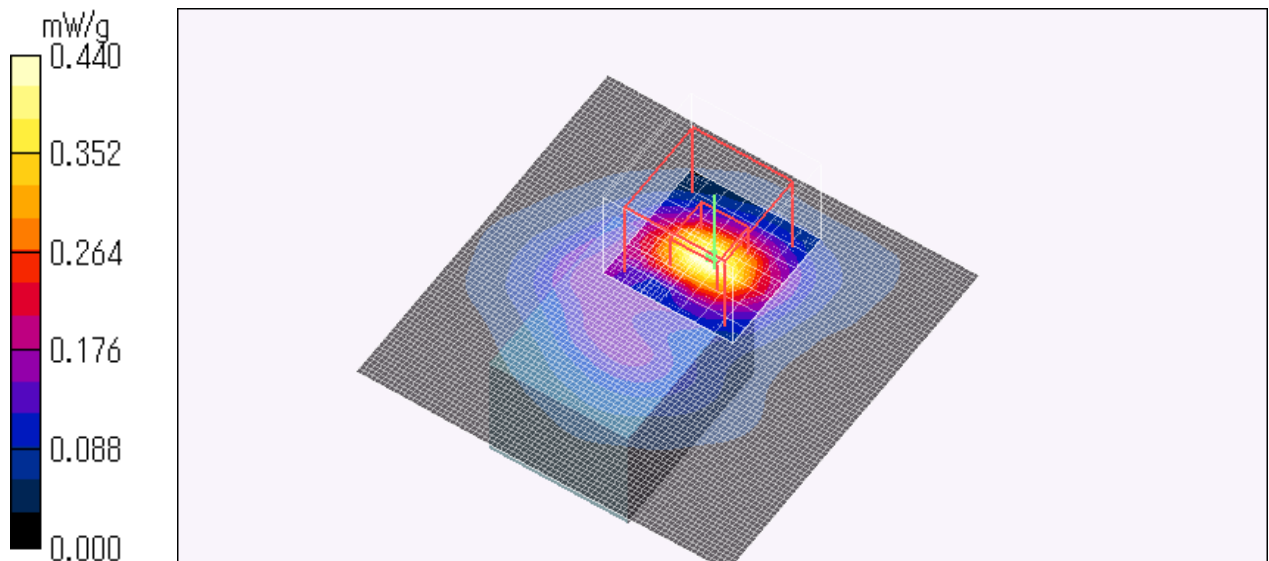
**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.440 mW/g

Test Date = 01/18/10

Ambient Temperature = 24.3 degree.C

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



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**3. Measurement data (Additional band (5500-5700MHz), ant 1)**

**DY-WL10/ ant 1/ Horizontal-Front/ Default radiation / 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.523 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.17 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.855 W/kg

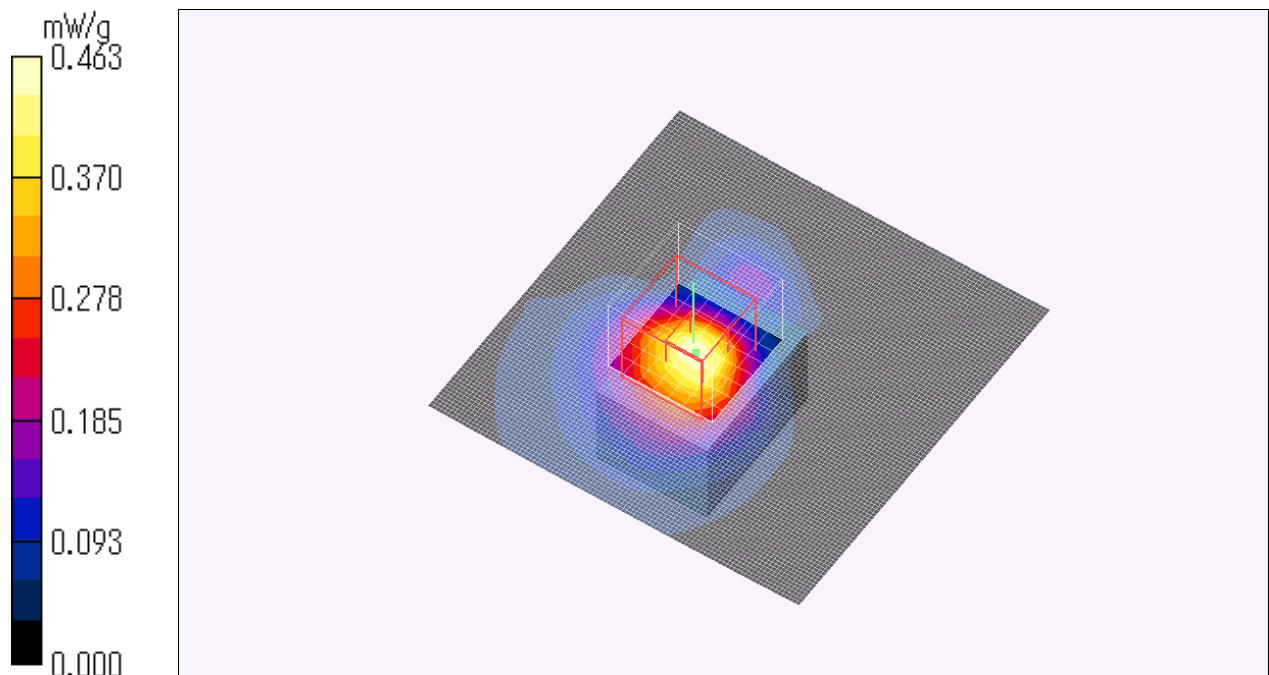
**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.097 mW/g**

Maximum value of SAR (measured) = 0.463 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Horizontal-Front/ Front radiation / 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.806 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.35 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.38 W/kg

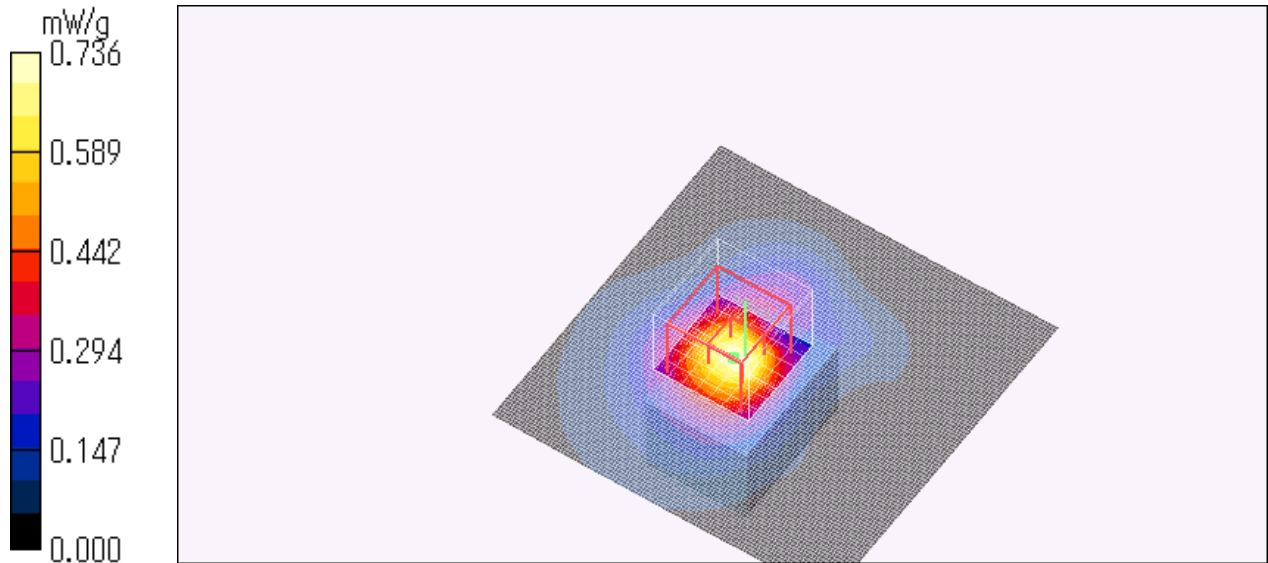
**SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.736 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Horizontal-Front/ Rear radiation / 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.570 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.82 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.06 W/kg

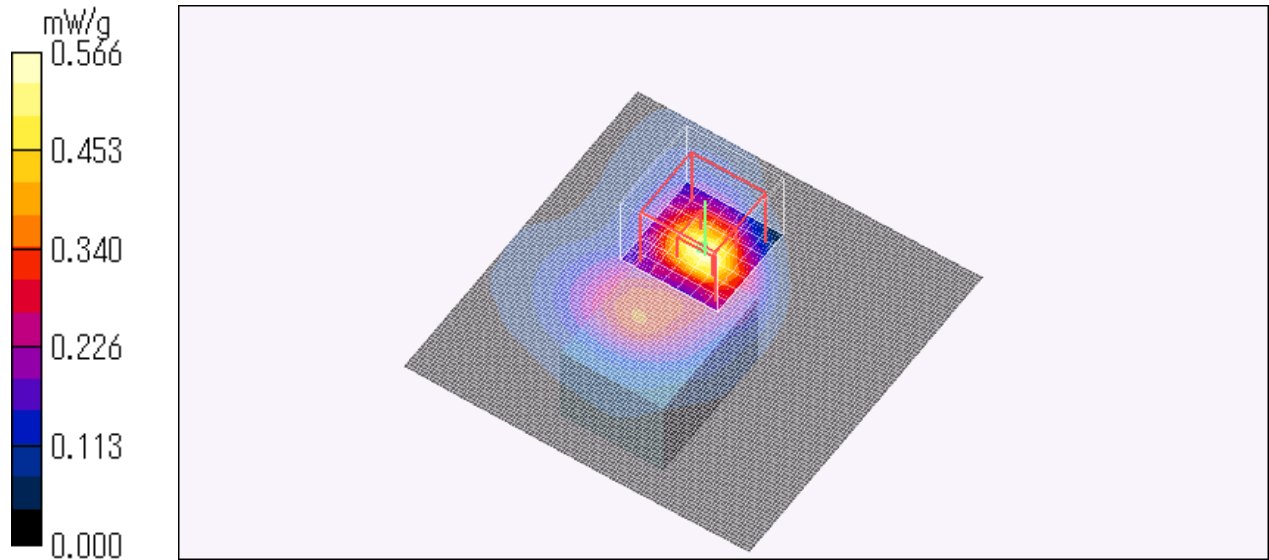
**SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.101 mW/g**

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

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Horizontal-Front/ Front + Rear radiation / 11a BPSK/ 5580MHz**

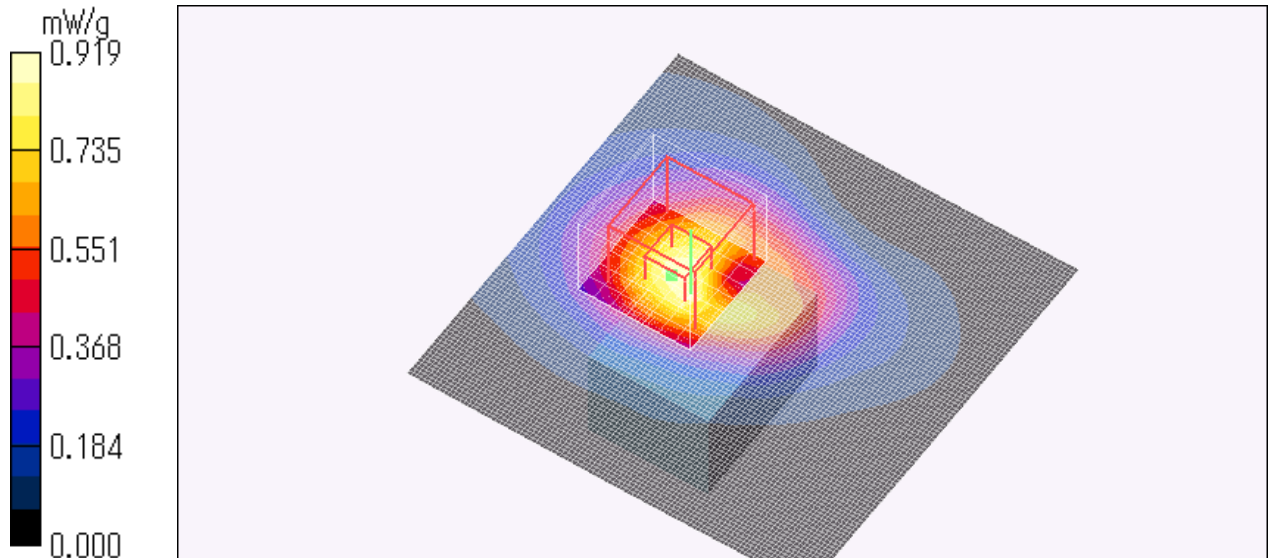
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.944 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 11.4 V/m; Power Drift = -0.119 dB  
Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.204 mW/g**  
Maximum value of SAR (measured) = 0.919 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C



**DY-WL10/ ant 1/ Horizontal-Rear/ Default radiation / 11a BPSK/ 5580MHz**

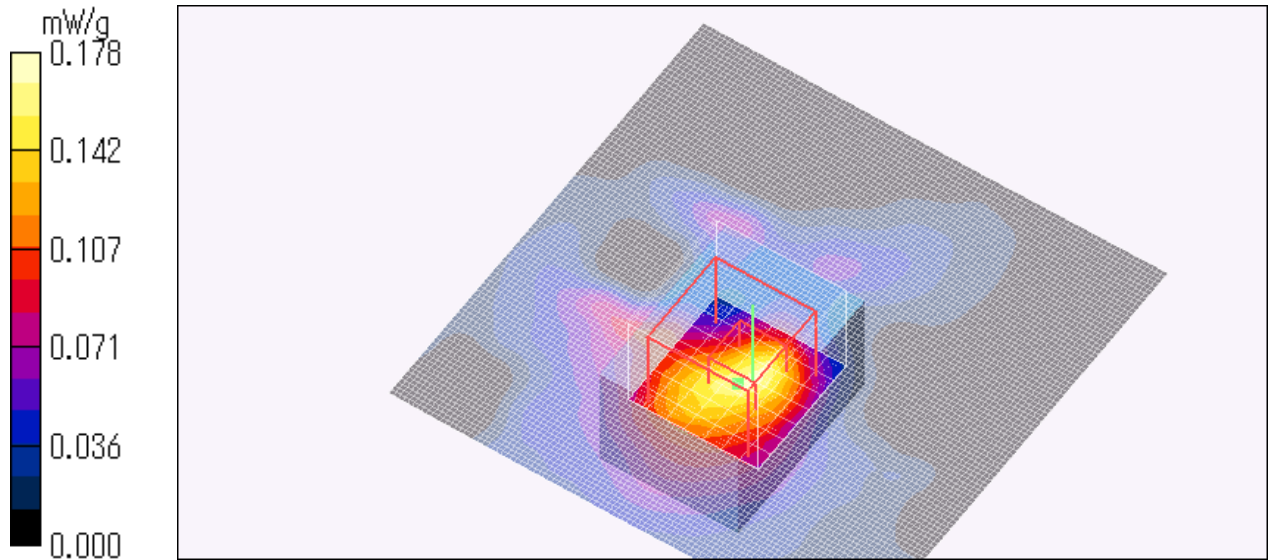
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.172 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 4.25 V/m; Power Drift = 0.138 dB  
Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.036 mW/g**  
Maximum value of SAR (measured) = 0.178 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C



**DY-WL10/ ant 1/ Vertical-Left/ Default radiation / 11a BPSK/ 5580MHz**

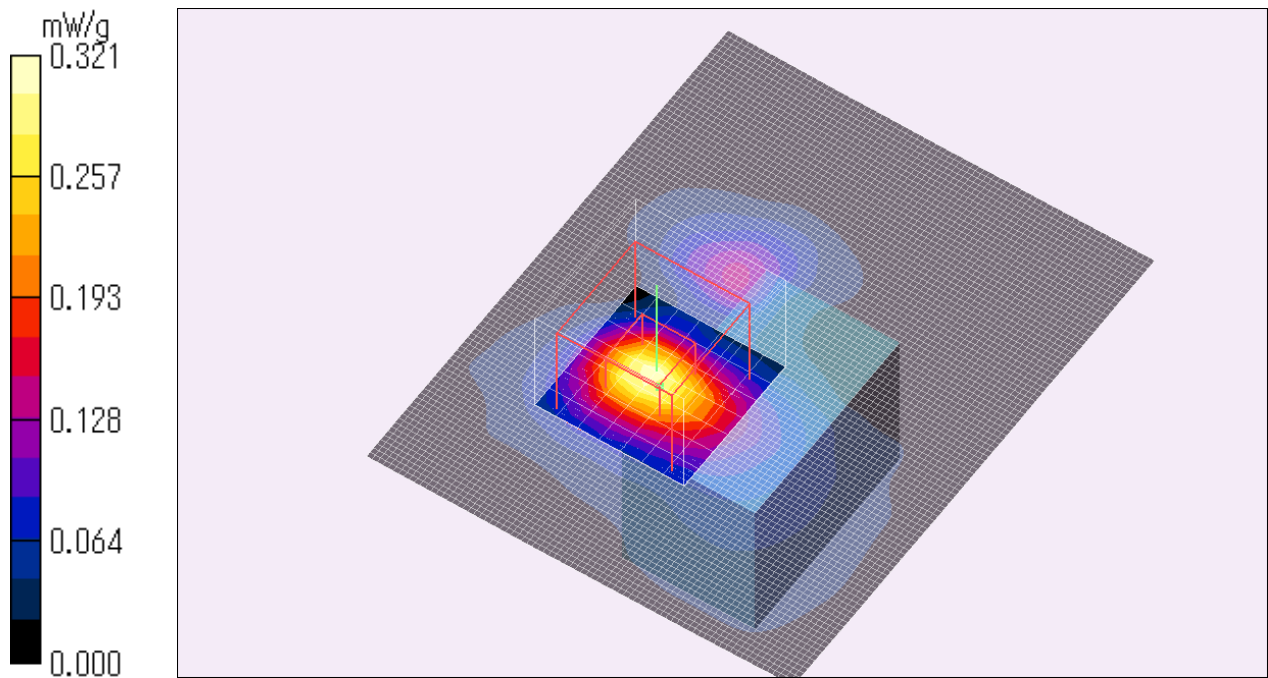
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.308 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 3.38 V/m; Power Drift = -0.123 dB  
Peak SAR (extrapolated) = 0.651 W/kg

**SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.053 mW/g**  
Maximum value of SAR (measured) = 0.321 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.2 degree.C , After 24.2 degree.C



**DY-WL10/ ant 1/ Vertical-Left/ Front radiation / 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.313 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.49 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.688 W/kg

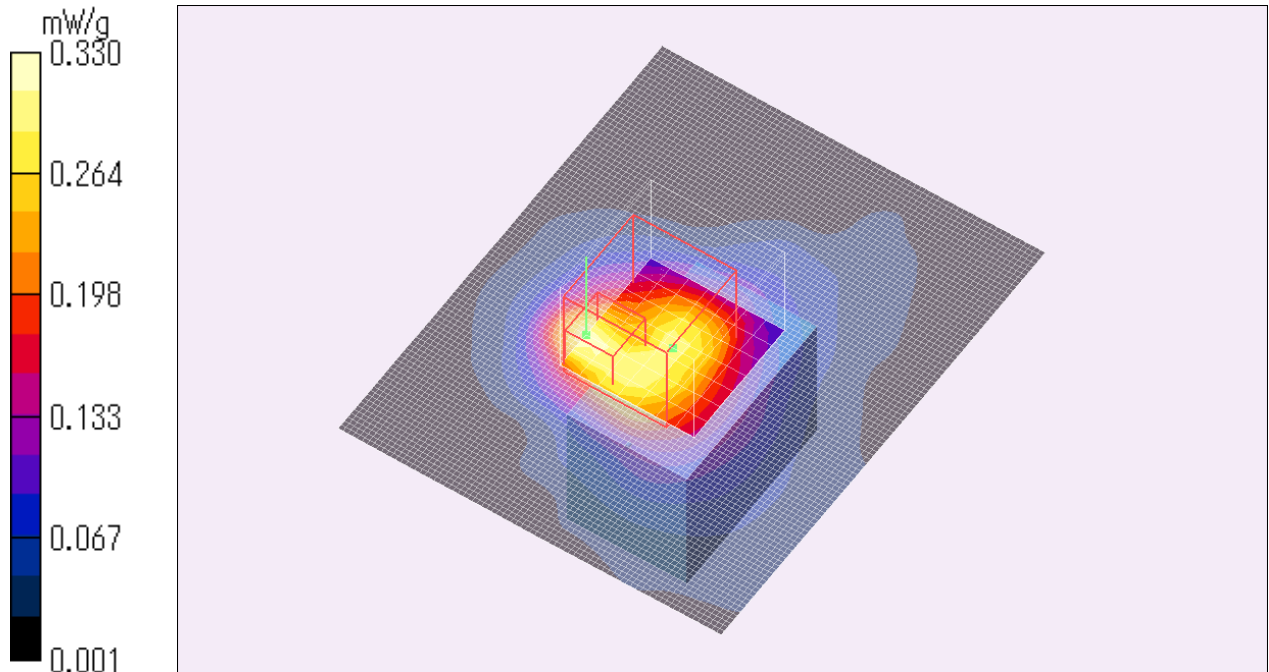
**SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.074 mW/g**

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

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Vertical-Left/ Rear radiation / 11a BPSK/ 5580MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.335 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.19 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.726 W/kg

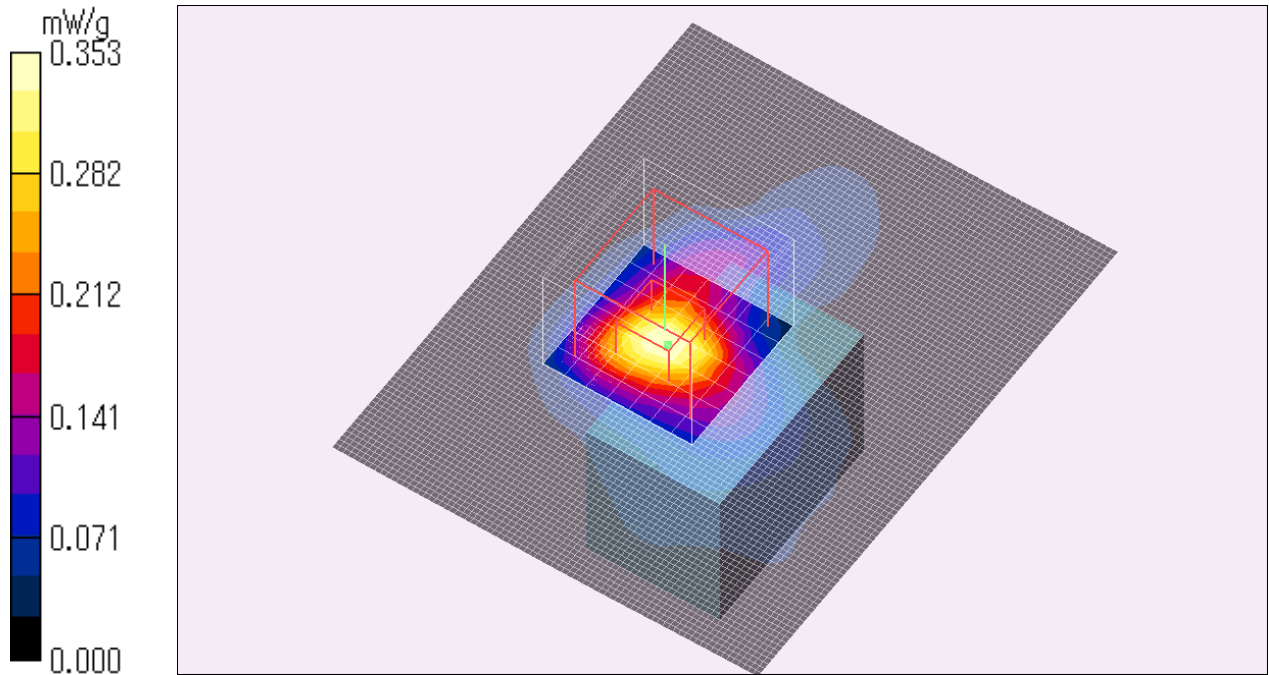
**SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.063 mW/g**

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

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11a BPSK/ 5580MHz**

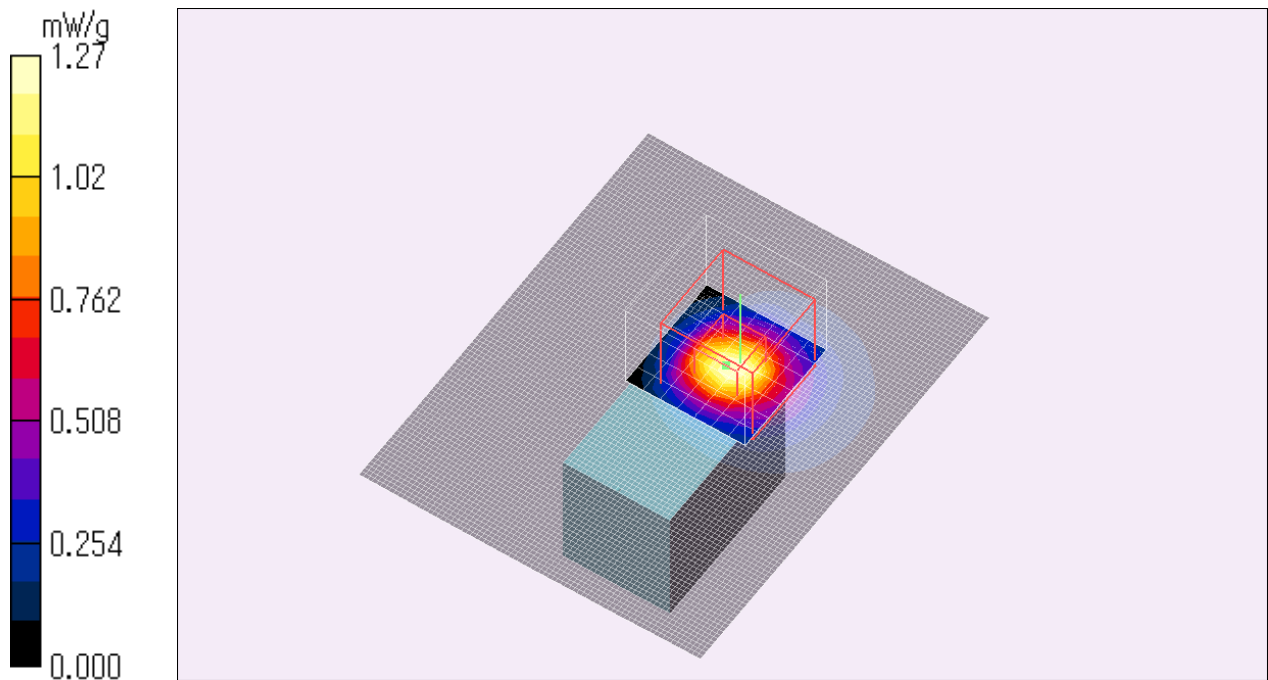
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.34 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 7.71 V/m; Power Drift = 0.201 dB  
Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.154 mW/g**  
Maximum value of SAR (measured) = 1.14 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.2 degree.C , After 24.2 degree.C





**DY-WL10/ ant 1/ Vertical-Right/ Default radiation / 11a BPSK/ 5580MHz**

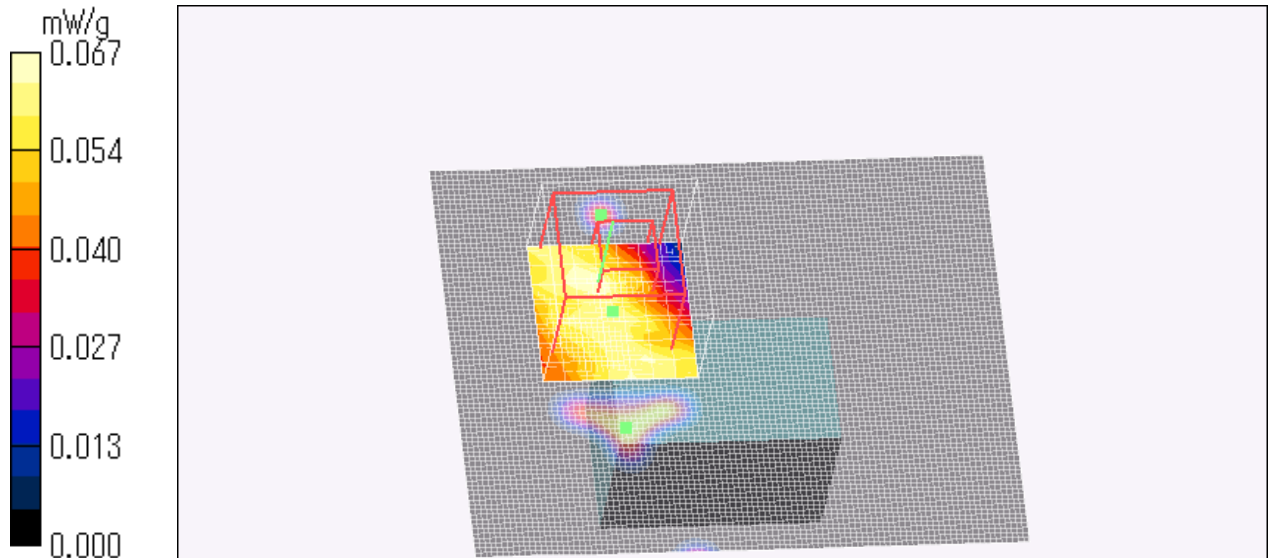
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.067 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 2.05 V/m; Power Drift = 0.189 dB  
Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00432 mW/g**  
Maximum value of SAR (measured) = 0.068 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C



**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11a BPSK/ 5520MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.82$  mho/m;  $\epsilon_r = 45.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(4.06, 4.06, 4.06); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.940 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.8 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.66 W/kg

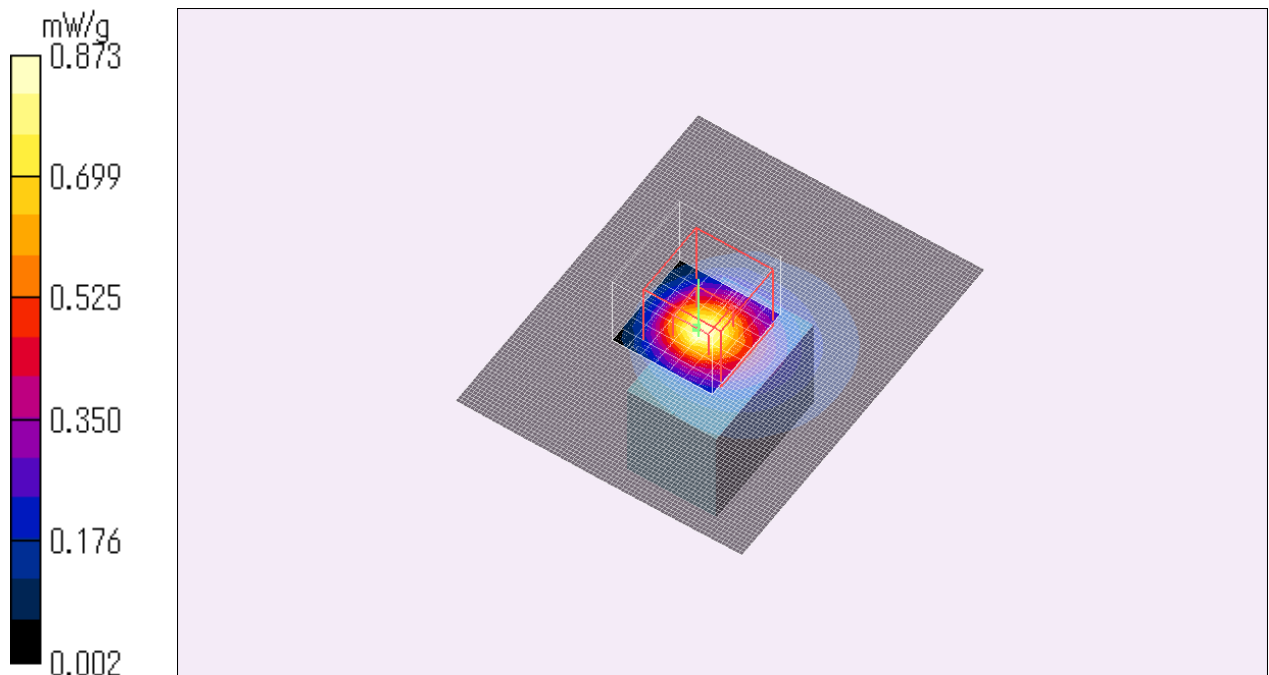
**SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.158 mW/g**

Maximum value of SAR (measured) = 0.873 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11a BPSK/ 5600MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

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

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.9 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 2.08 W/kg

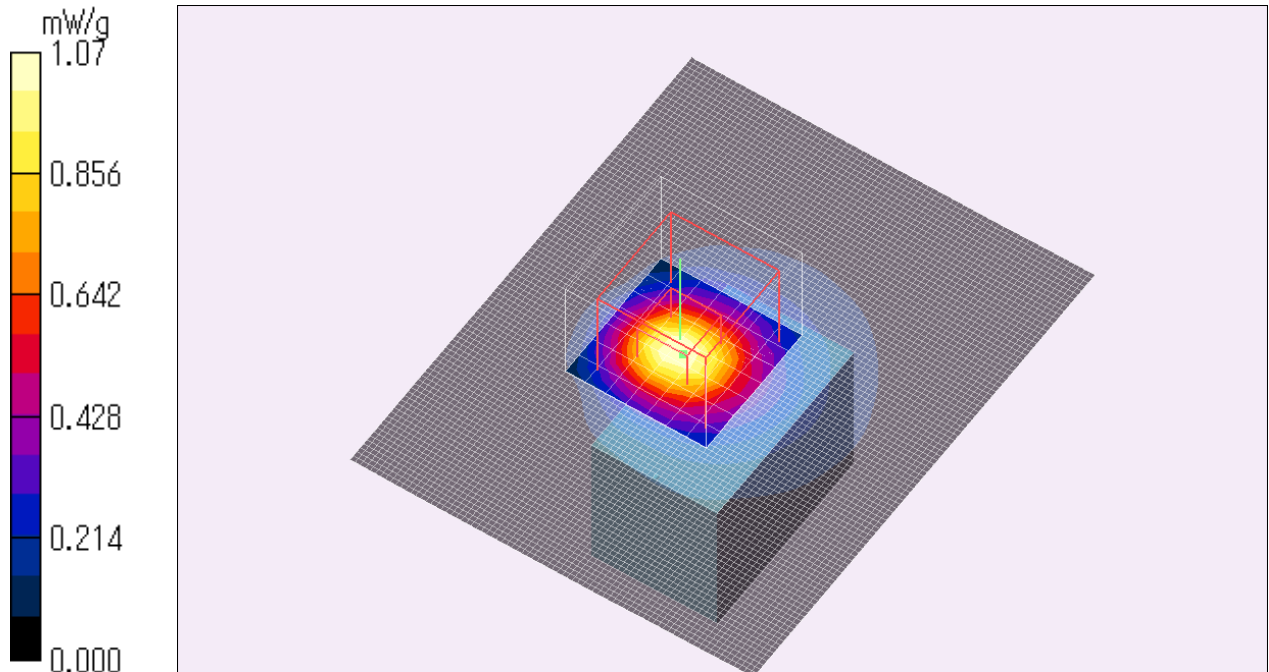
**SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



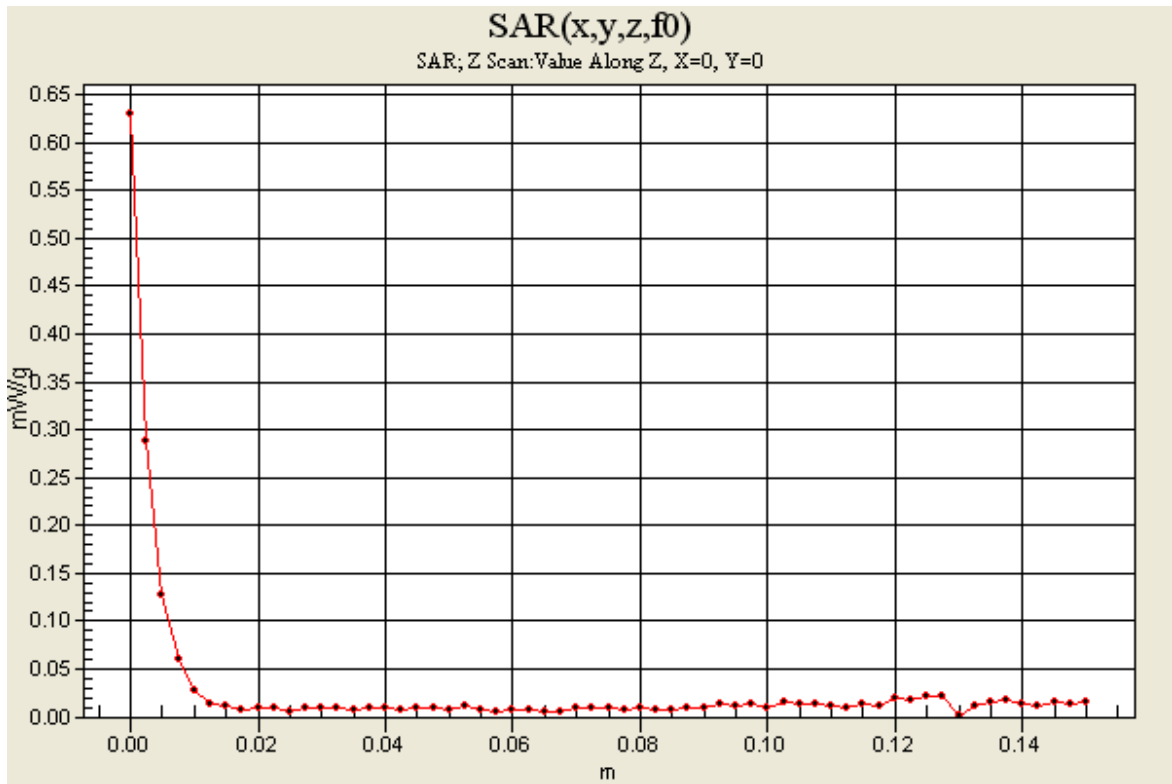
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**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11a BPSK/ 5700MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.879 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.9 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 1.54 W/kg

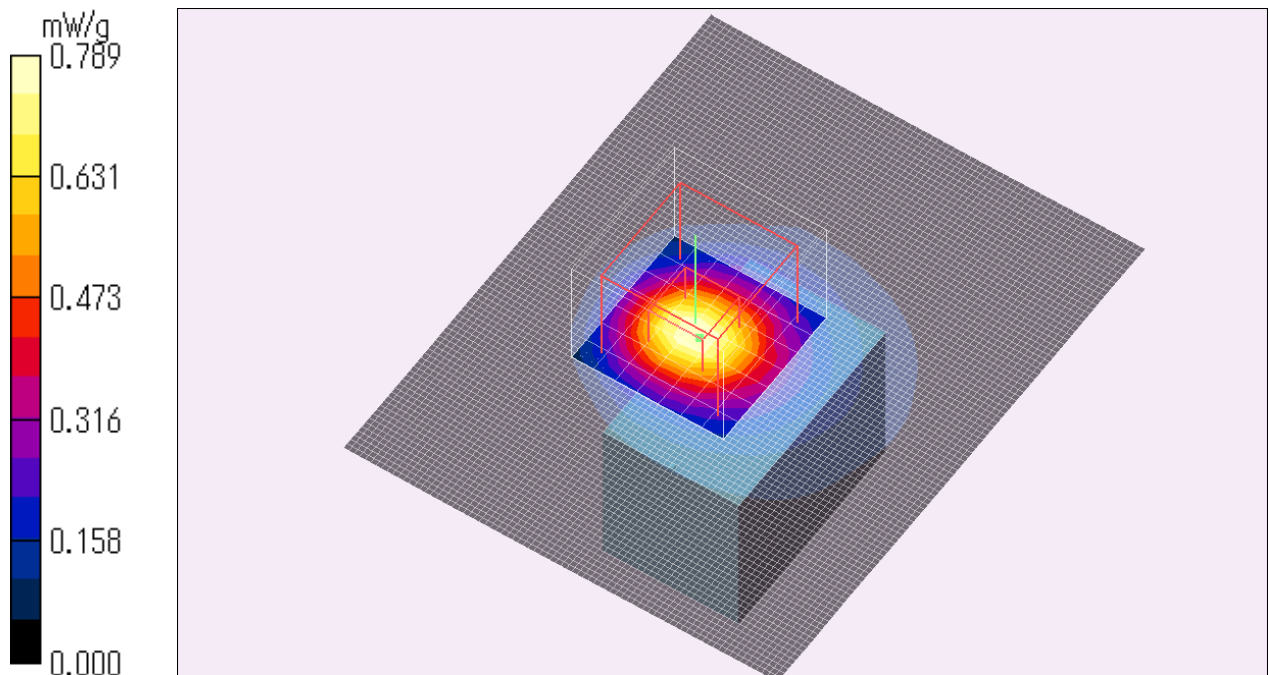
**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.789 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11n 20M BPSK/ 5600MHz**

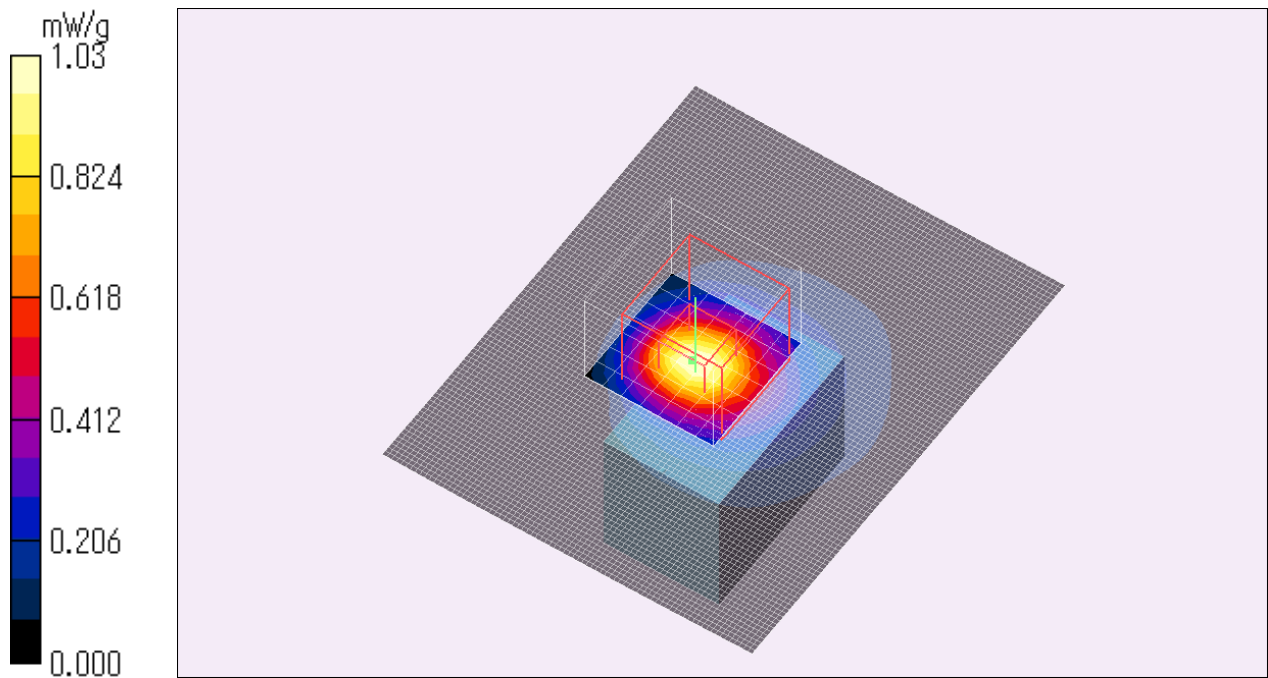
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.14 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 13.6 V/m; Power Drift = 0.012 dB  
Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.189 mW/g**  
Maximum value of SAR (measured) = 1.03 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C





**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11n 20M BPSK/ 5700MHz**

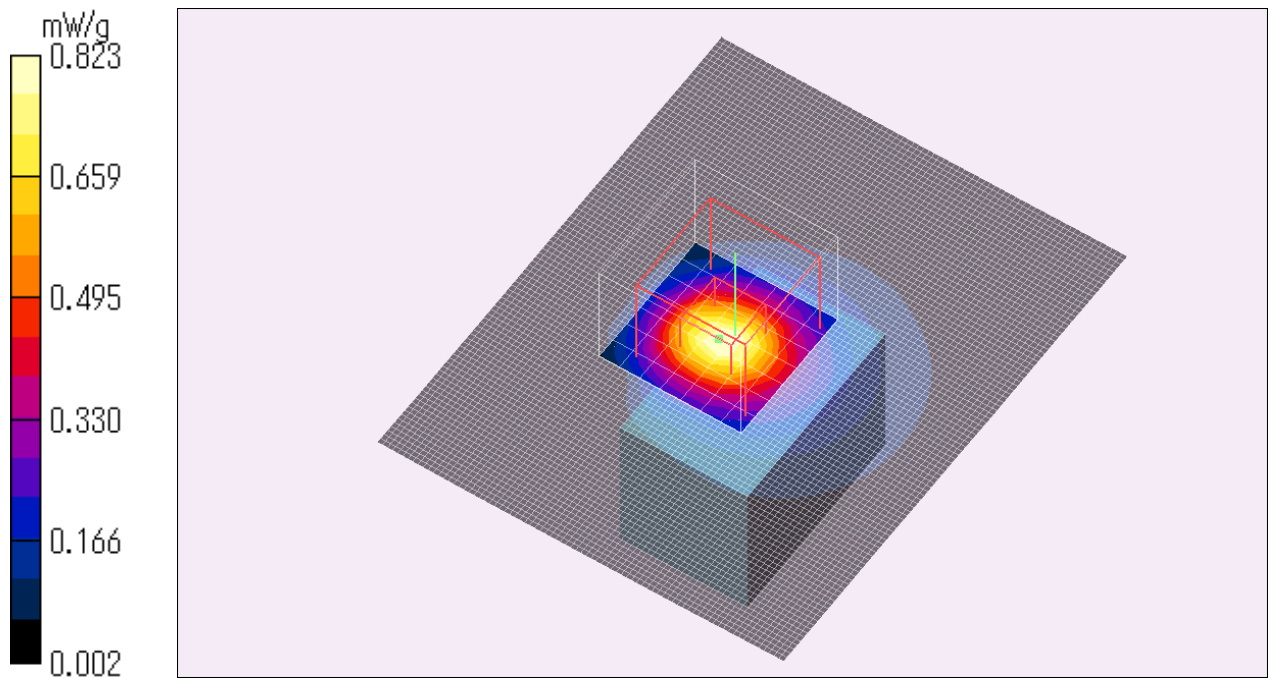
Crest factor: 1  
Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12  
- Sensor-Surface: 2mm (Mechanical Surface Detection)  
- Phantom: Flat Phantom ELI4.0  
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.878 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 12.0 V/m; Power Drift = -0.112 dB  
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.148 mW/g**  
Maximum value of SAR (measured) = 0.823 mW/g

Test Date = 01/19/10  
Ambient Temperature = 24.8 degree.C  
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11n 40M BPSK/ 5590MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.07 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.5 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.72 W/kg

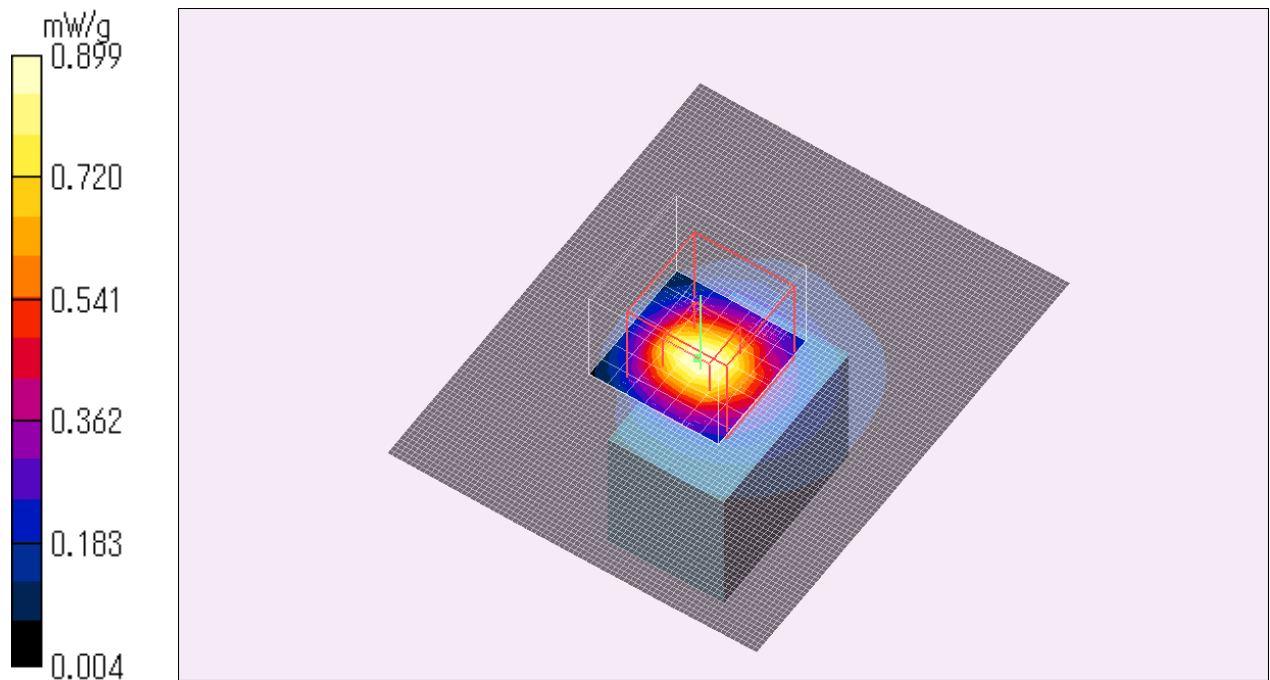
**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.899 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11n 40M BPSK/ 5670MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.885 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.6 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.56 W/kg

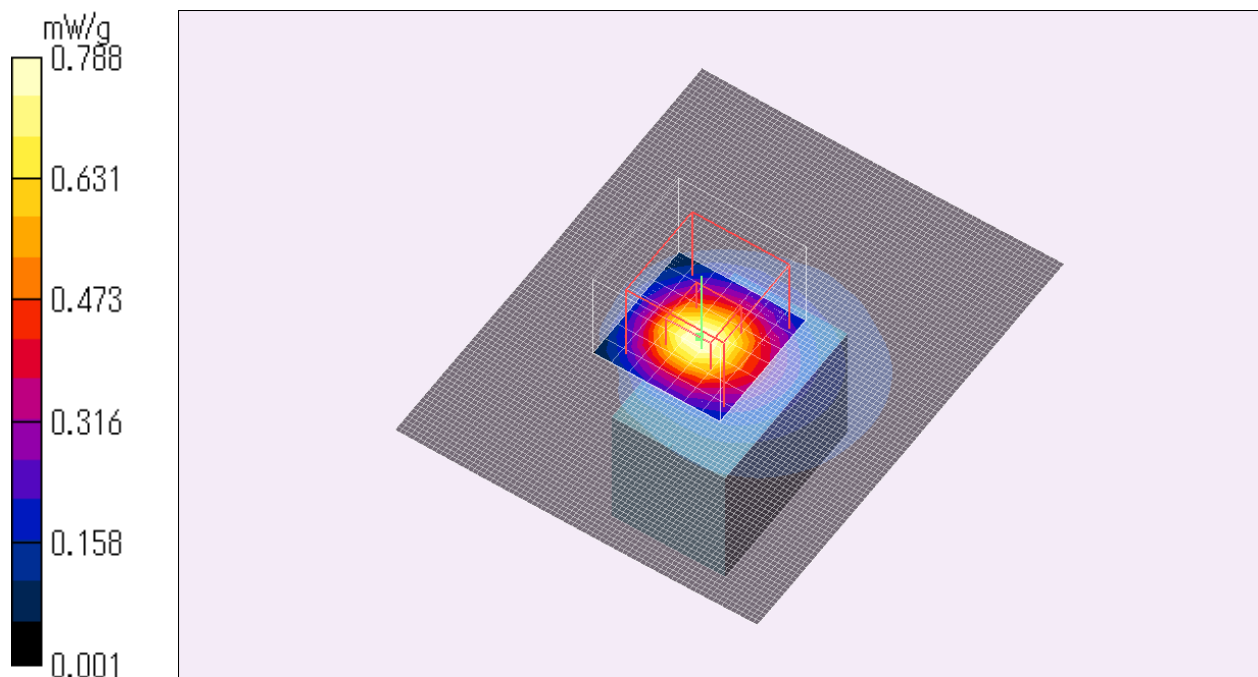
**SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.145 mW/g**

Maximum value of SAR (measured) = 0.788 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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**4. Measurement data (Additional band(5500-5700MHz), ant 1, without USB cable)**

**DY-WL10/ ant 1/ Vertical-Left/ Front + Rear radiation / 11n 20M BPSK/ 5600MHz**

Crest factor: 1

Medium: M5600 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 45.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3507; ConvF(3.76, 3.76, 3.76); Calibrated: 2009/02/12

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Phantom: Flat Phantom ELI4.0

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.965 mW/g

**Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.45 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 1.96 W/kg

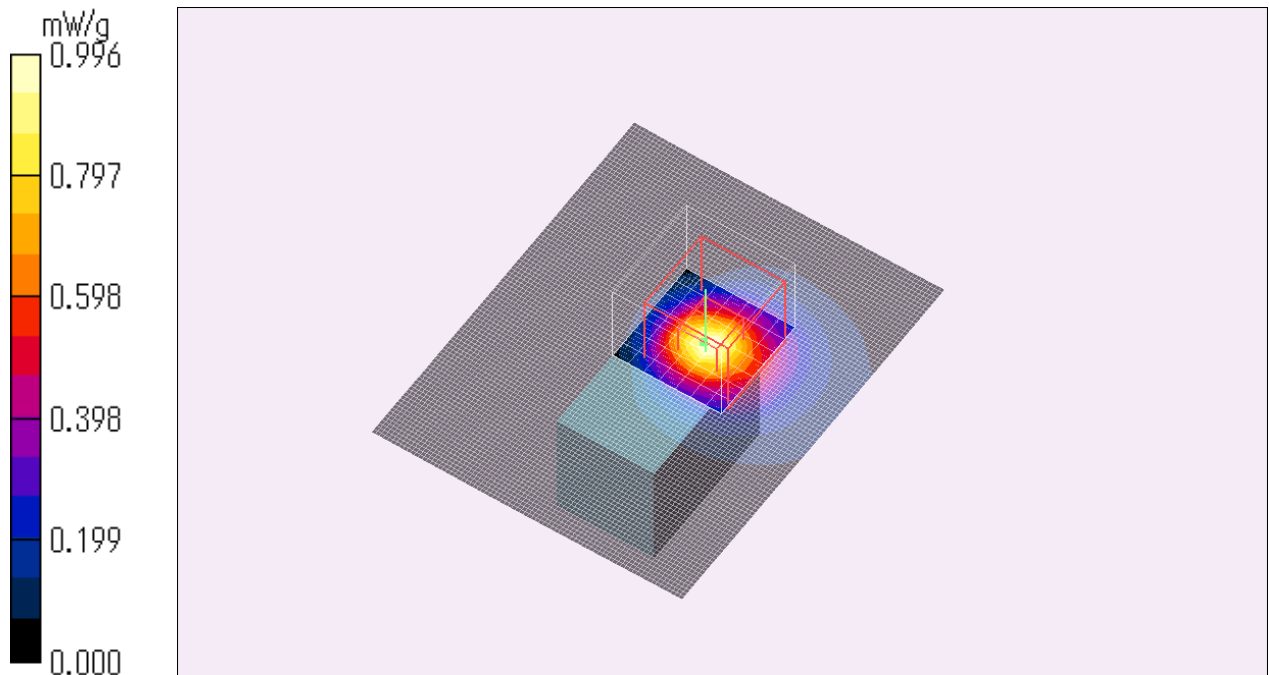
**SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.996 mW/g

Test Date = 01/19/10

Ambient Temperature = 24.8 degree.C

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



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