APPENDIX 3 : 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 20 mm x 20 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 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 (GSM 850)

PV200/ Left Head /Cheek / GSM / 190ch(836.6MHz)

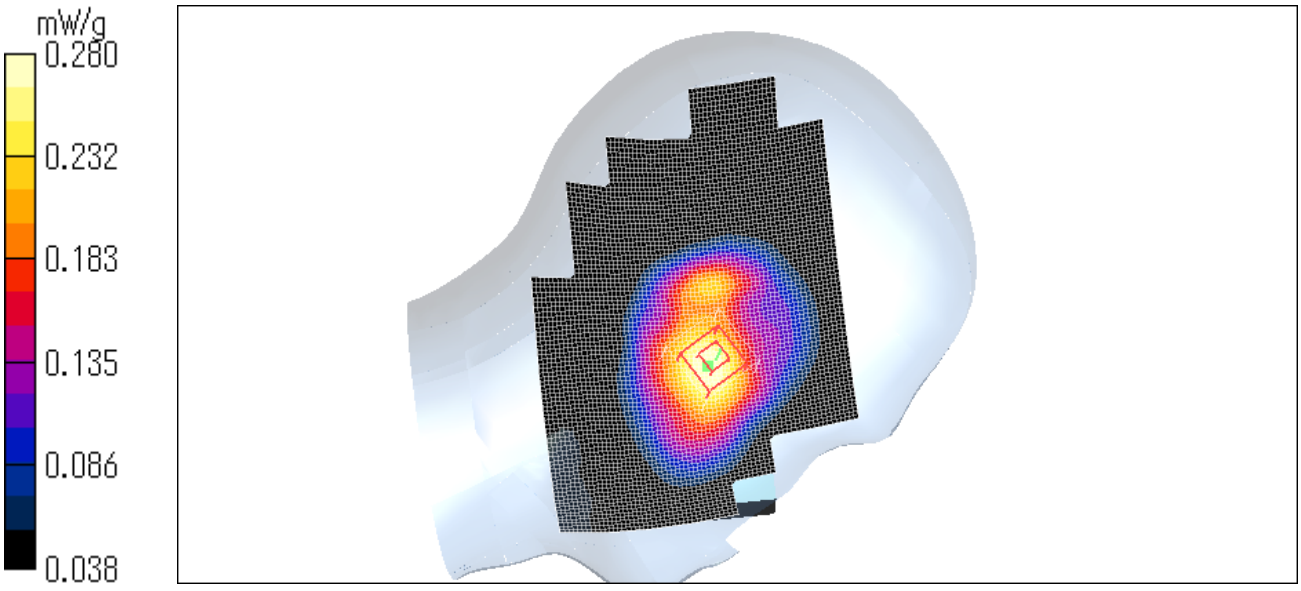
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.88 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.48, 10.48, 10.48); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.282 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.280 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Left Head /Tilt / GSM / 190ch(836.6MHz)

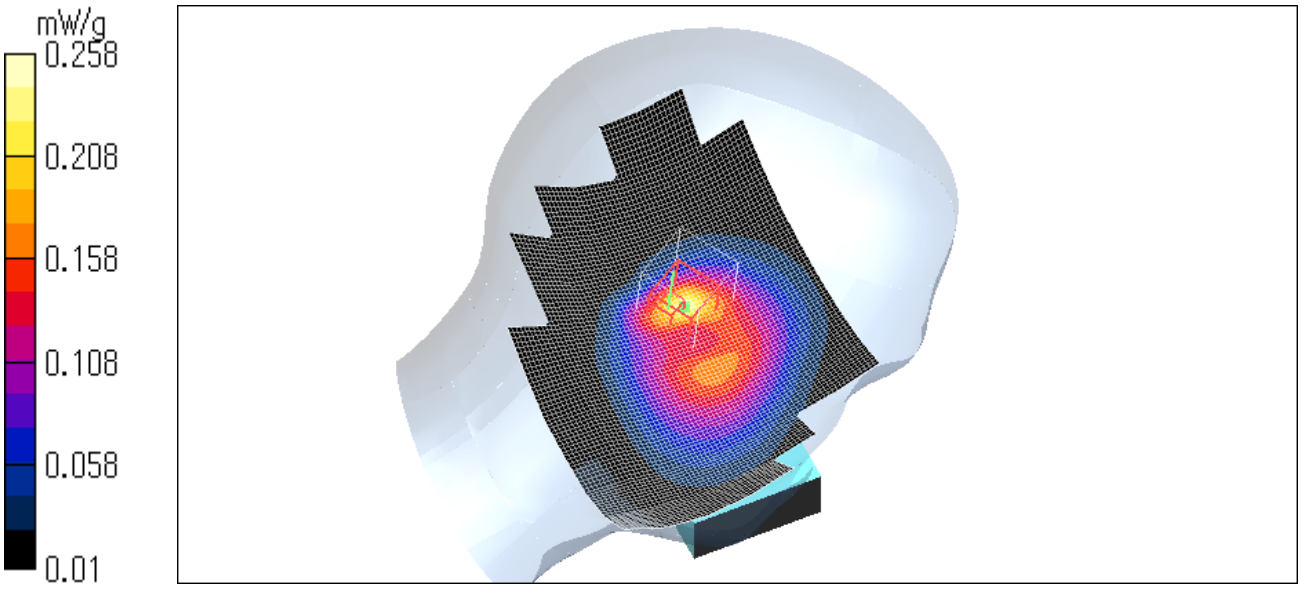
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.88 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.48, 10.48, 10.48); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.258 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Right Head / Cheek / GSM / 190ch(836.6MHz)

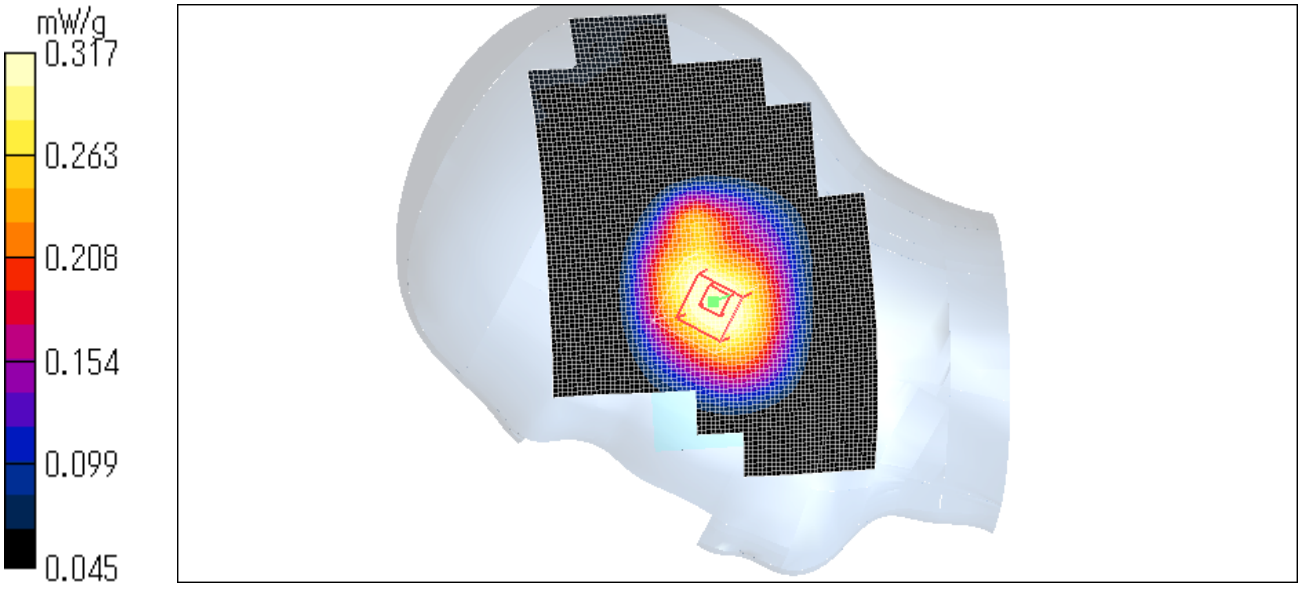
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.88 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.48, 10.48, 10.48); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.335 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 0.317 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Right Head / Tilt / GSM / 190ch(836.6MHz)

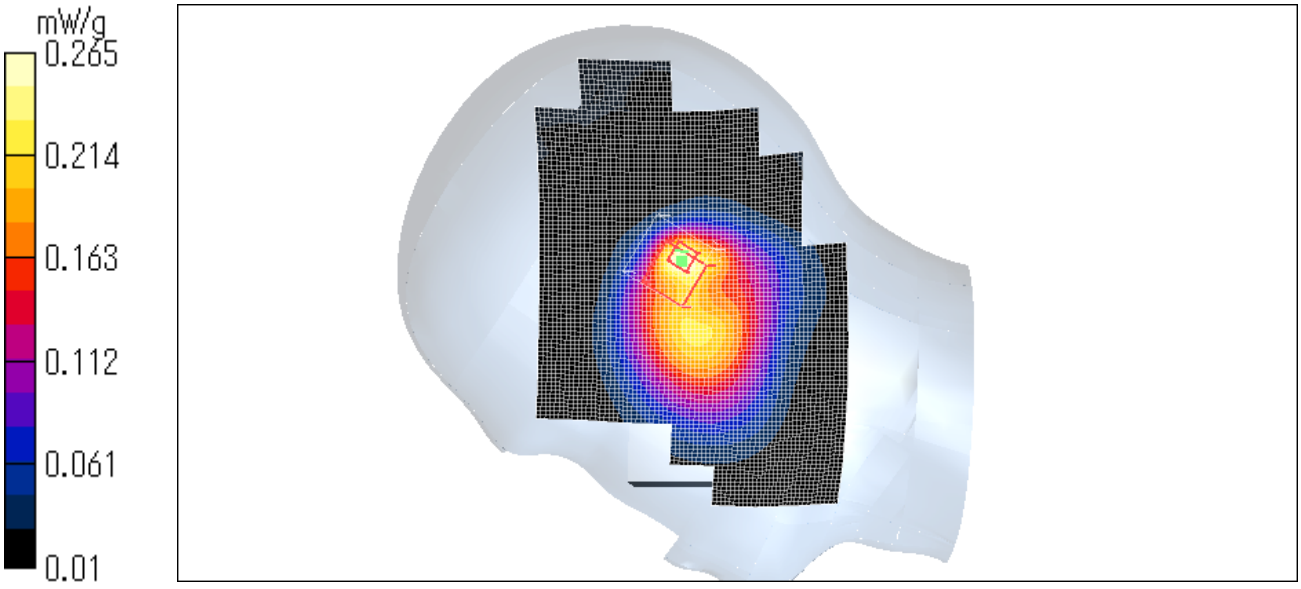
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.88 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.48, 10.48, 10.48); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.281 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.265 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Right Head / Cheek / GSM / 125ch(824.2MHz)

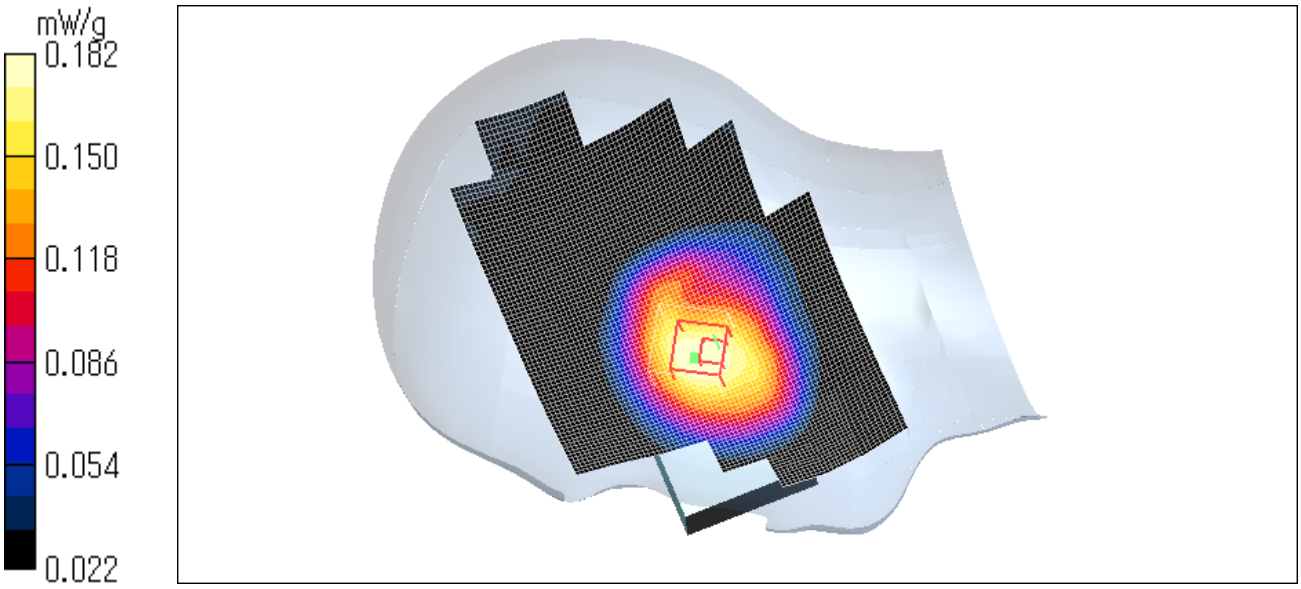
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.88 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.48, 10.48, 10.48); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.182 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 22.8 degree C.



PV200/ Right Head / Cheek / GSM / 251ch(848.8MHz)

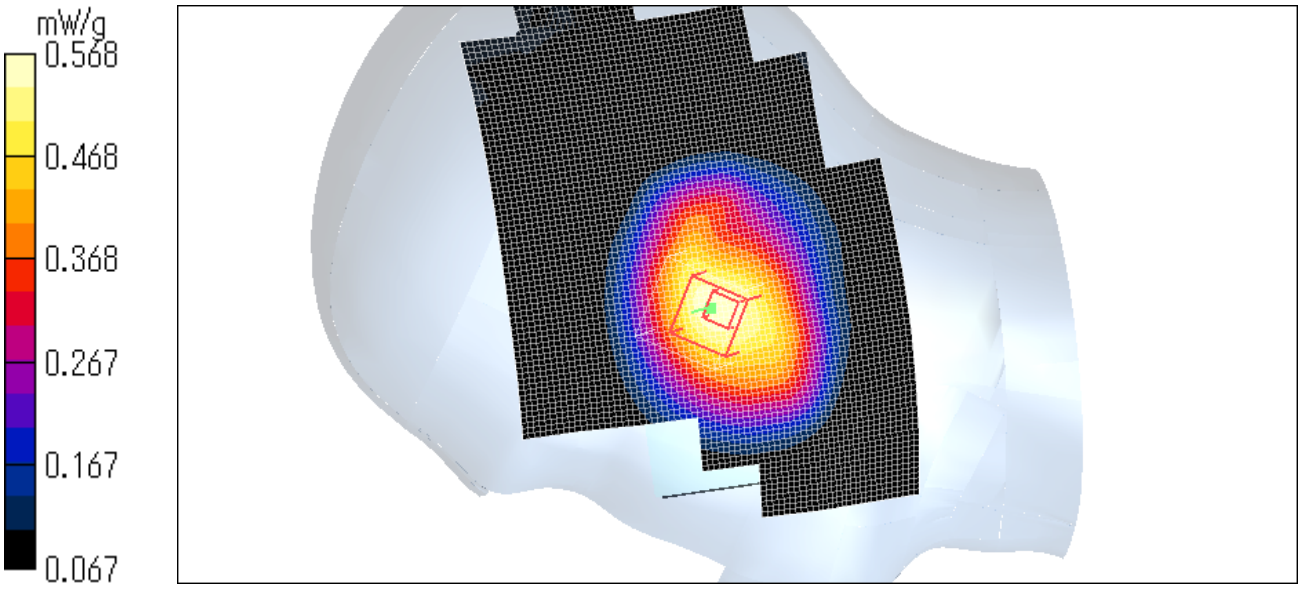
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.88 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.48, 10.48, 10.48); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.560 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.627 W/kg
SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.374 mW/g
Maximum value of SAR (measured) = 0.568 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 22.8 degree C. , After 22.8 degree C.



PV200 / Body / Back / GSM / 125ch(824.2MHz)

Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.96 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

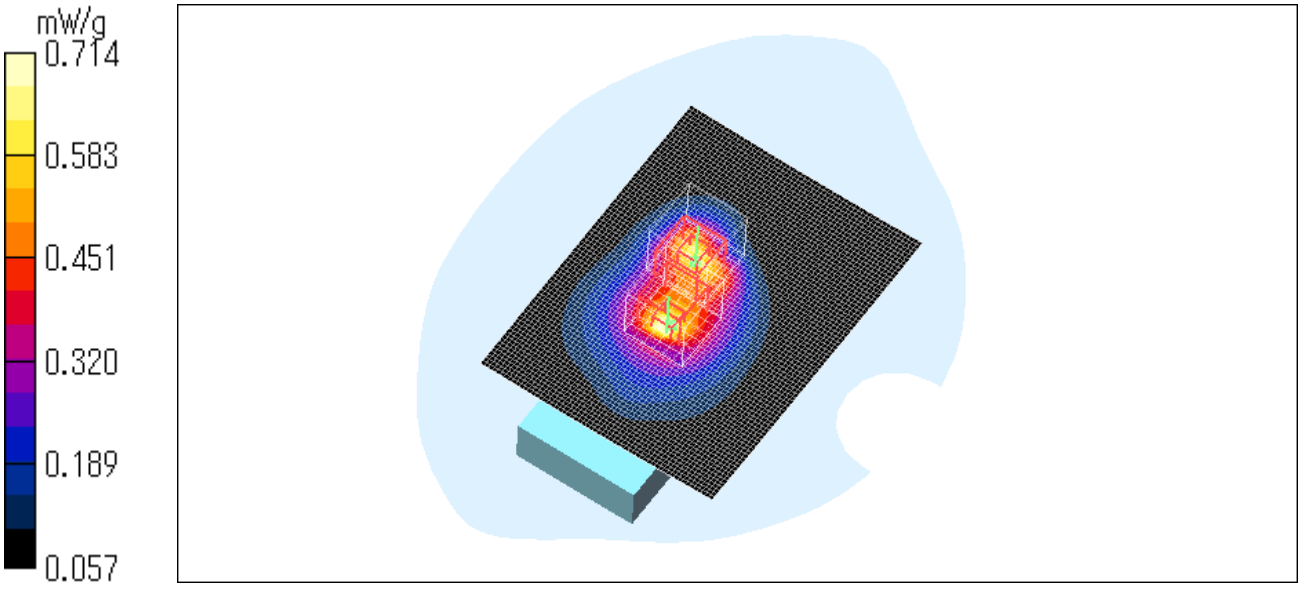
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.684 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.621 mW/g

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.714 mW/g

Test Date = 03/09/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.3 degree C. , After 24.3 degree C.



PV200 / Body / Back / GSM / 190ch(836.6MHz)

Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.96 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

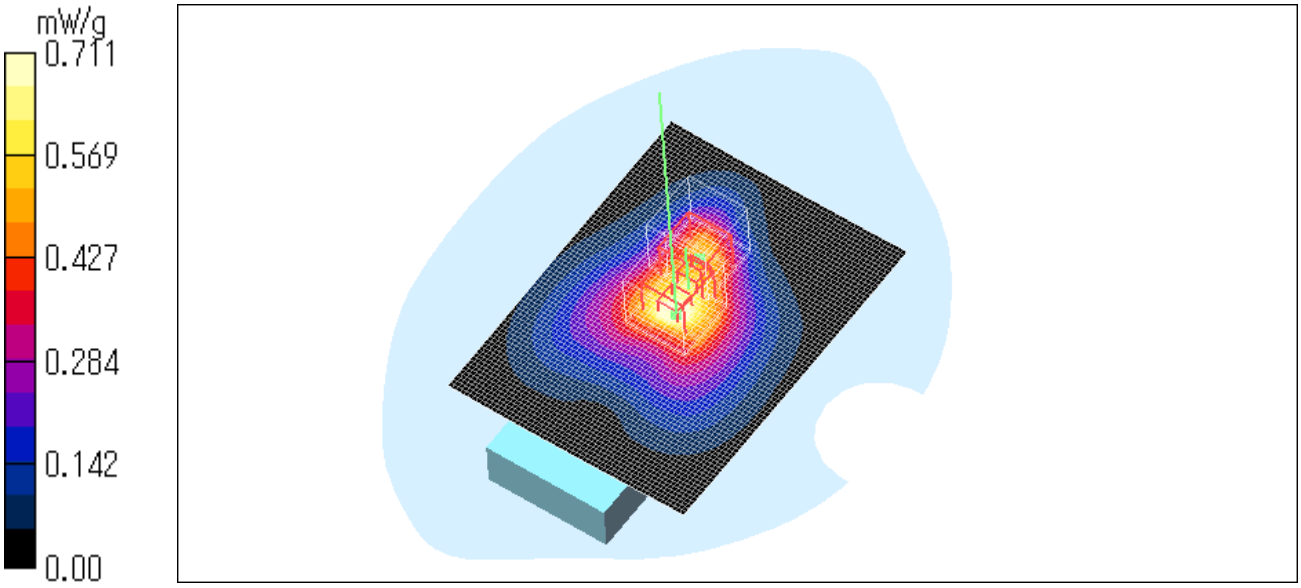
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)Sensor-Surface: 2mm (Fix Surface)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.851 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.942 mW/g

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.592 mW/g

Test Date = 03/09/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.3 degree C. , After 24.3 degree C.



PV200 / Body /Back / GSM / 251ch(848.8MHz)

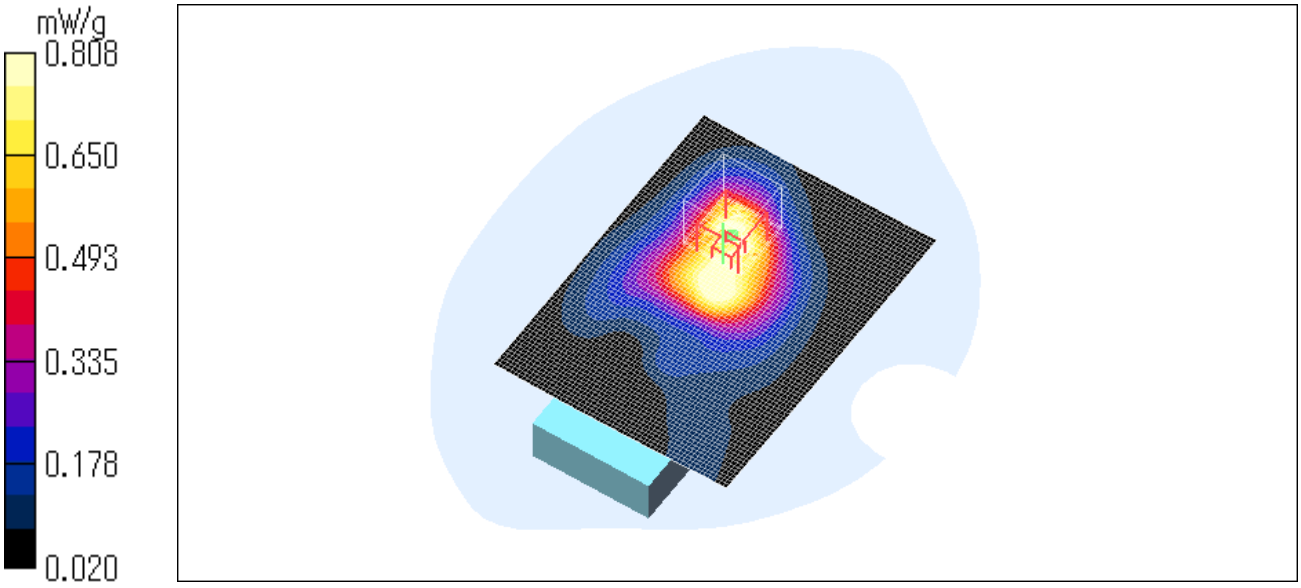
Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.96 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.893 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 0.808 mW/g

Test Date = 03/09/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.3 degree C. , After 24.3 degree C.



PV200/ Body / Back / GPRS / 125ch(824.2MHz)

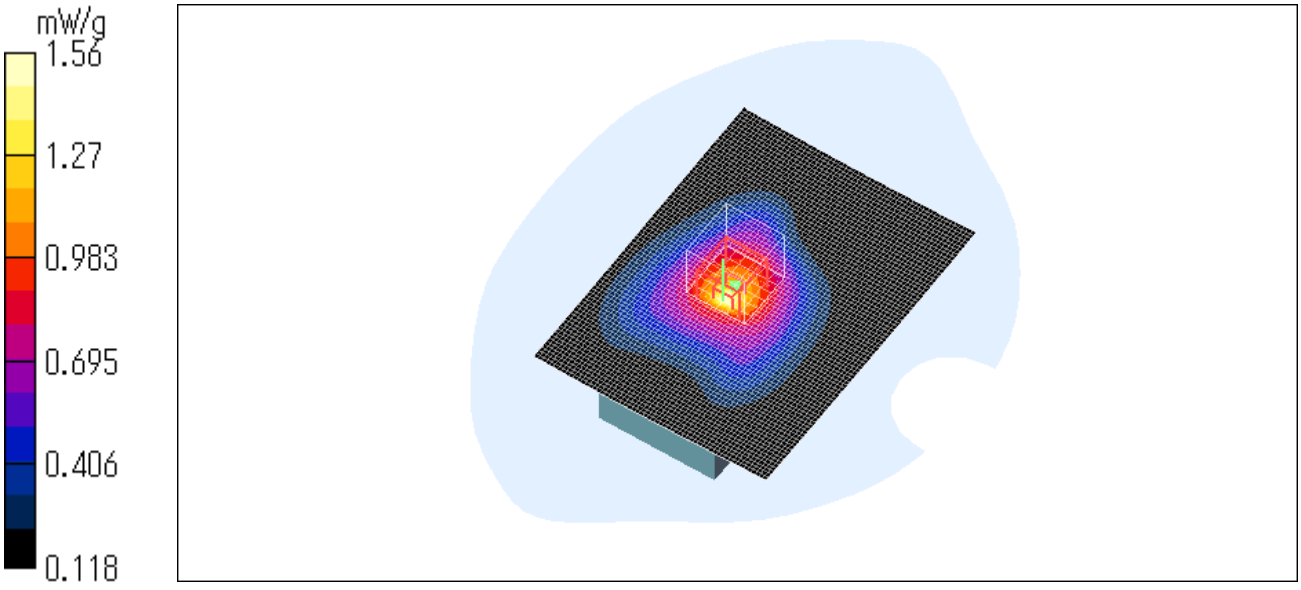
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.733 mW/g
Maximum value of SAR (measured) = 1.56 mW/g

Test Date = 03/10/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



PV200/ Body / Back / GPRS / 190ch(836.6MHz)

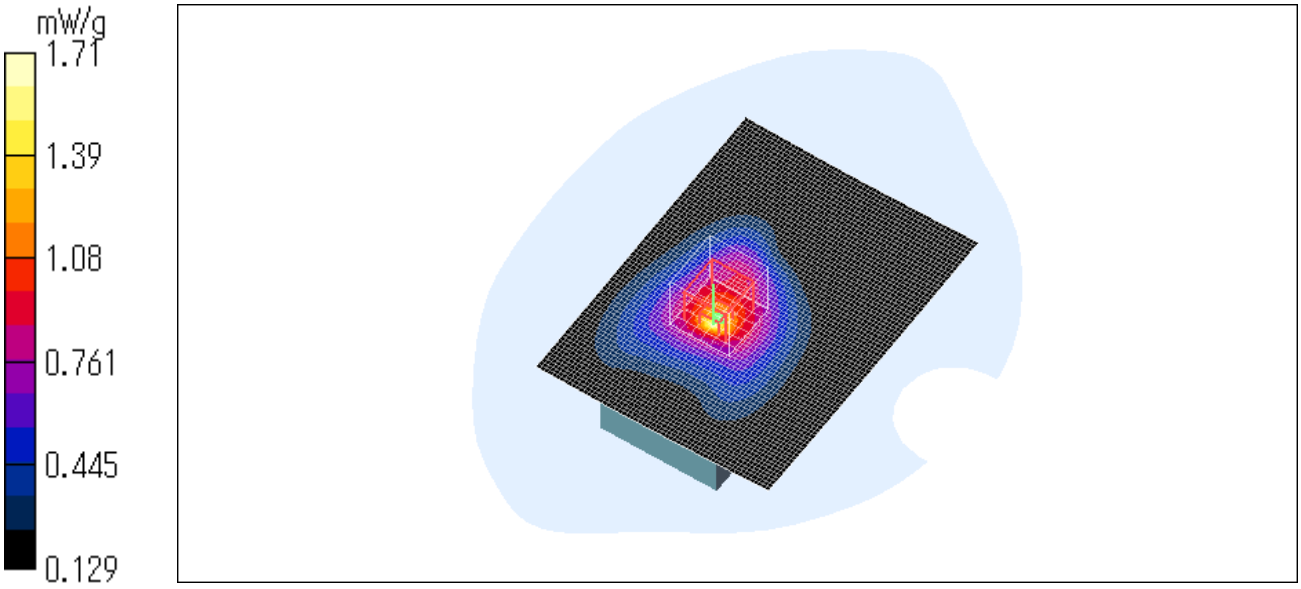
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.8 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.71 mW/g

Test Date = 03/10/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



PV200/ Body / Back / GPRS / 251ch(848.8MHz)

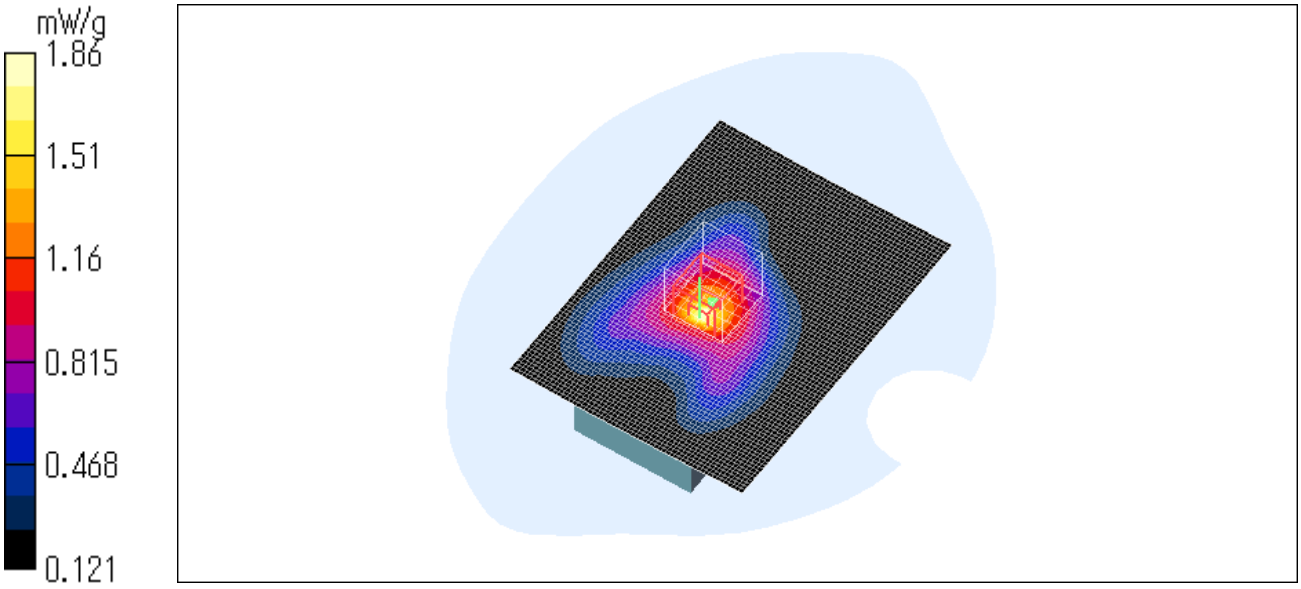
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

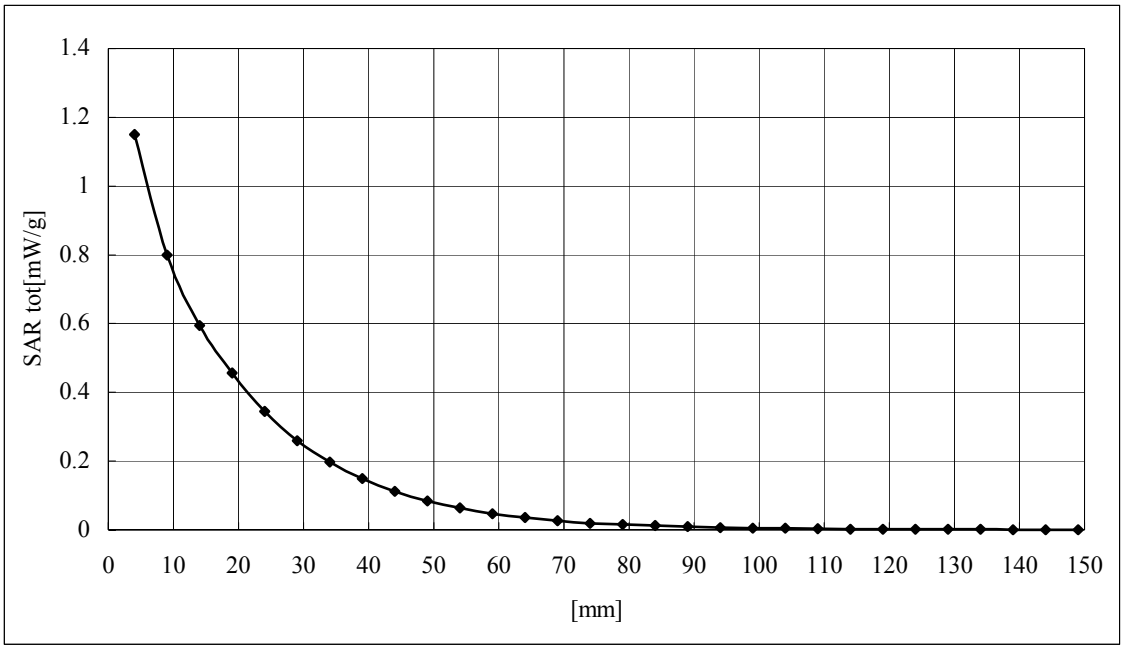
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.0 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.844 mW/g
Maximum value of SAR (measured) = 1.86 mW/g

Test Date = 03/10/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



Z-axis scan at max SAR location

PV200 / Body / Back / GPRS / 251ch(848.8MHz)
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145



PV200/ Body / Back / EGPRS / 125ch(824.2MHz)

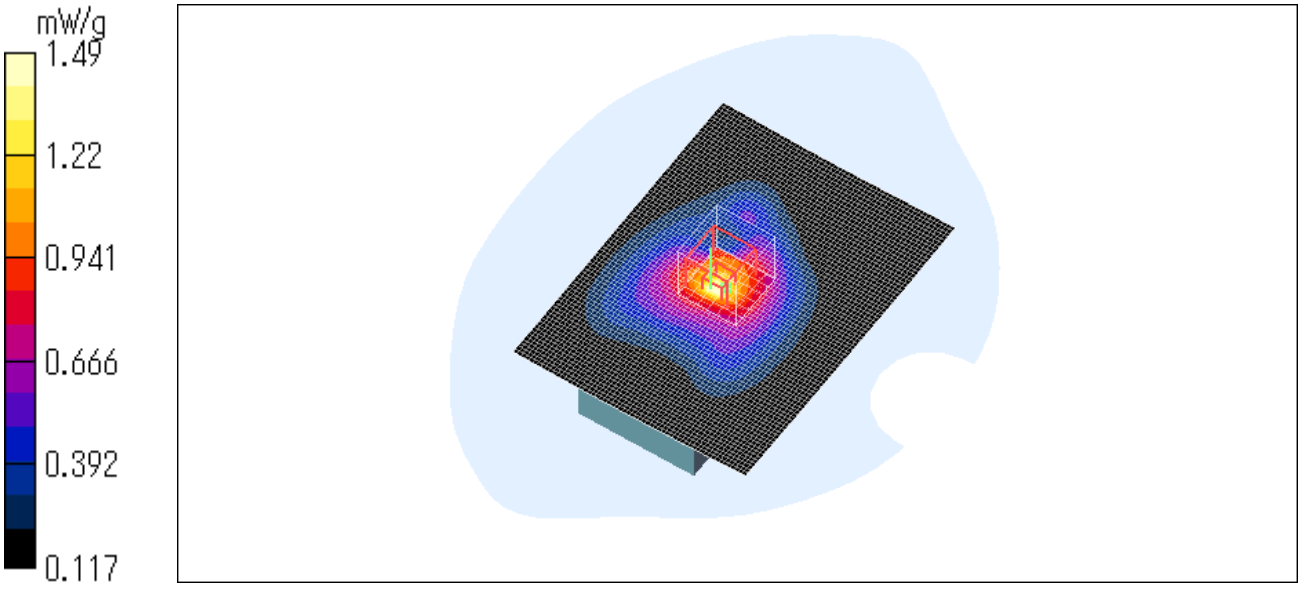
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.8 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.701 mW/g
Maximum value of SAR (measured) = 1.49 mW/g

Test Date = 03/10/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



PV200/ Body / Back / EGPRS / 190ch(836.6MHz)

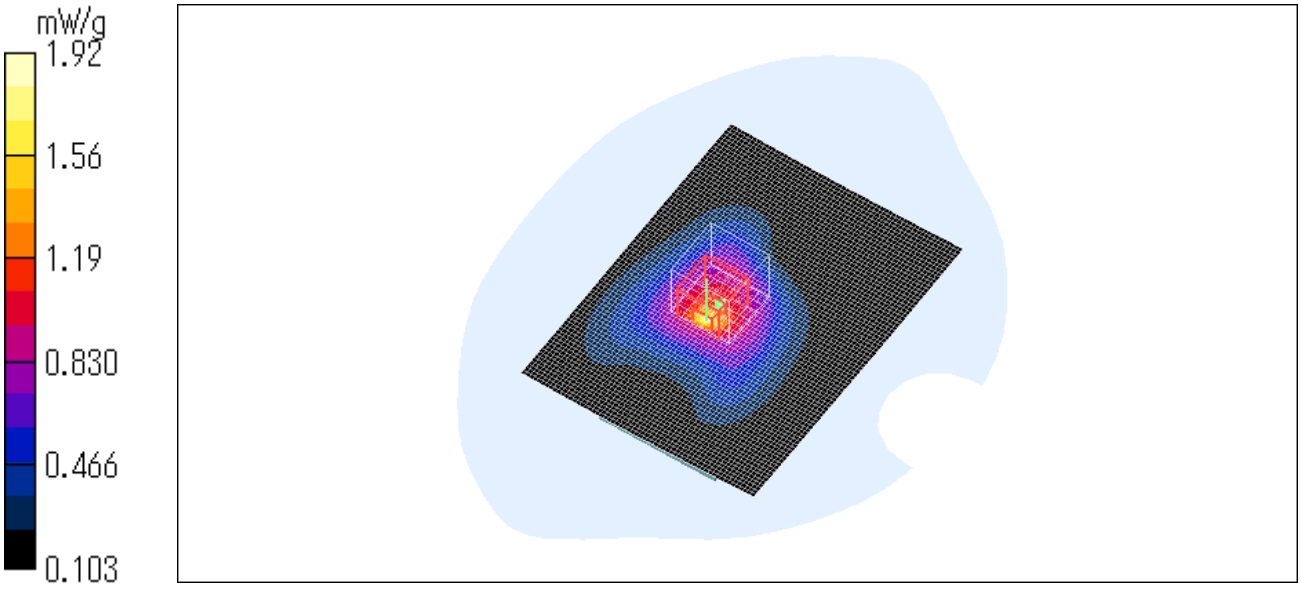
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.3 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.736 mW/g
Maximum value of SAR (measured) = 1.92 mW/g

Test Date = 03/10/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



PV200/ Body / Back / EGPRS / 251ch(848.8MHz)

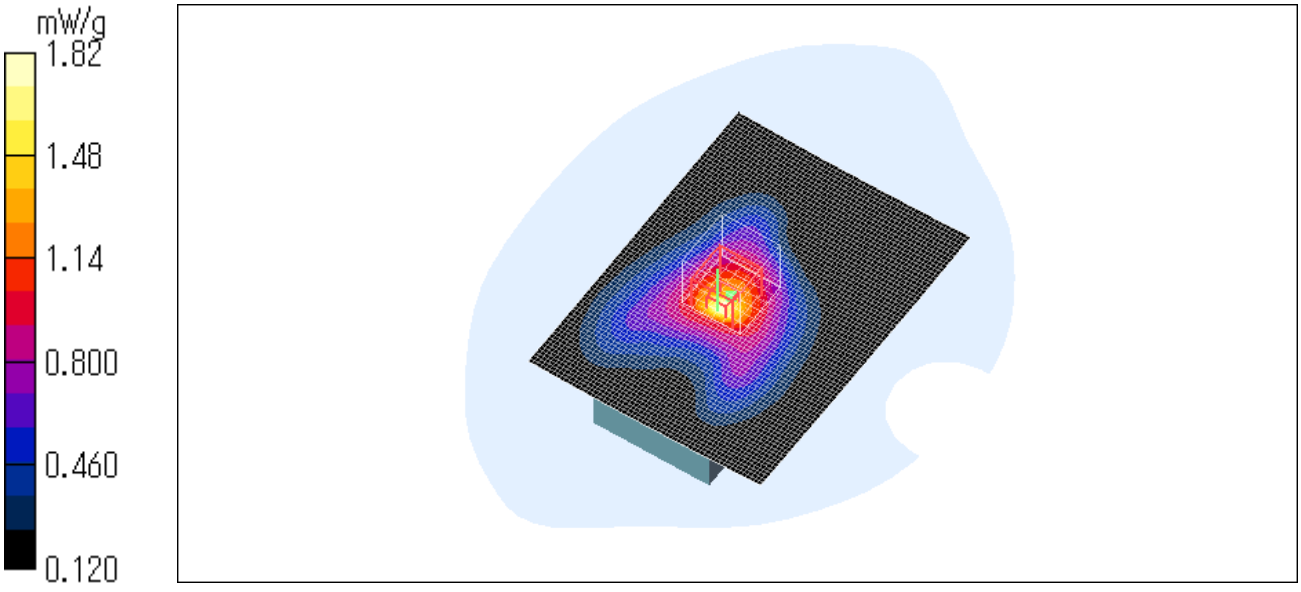
Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.95 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(10.42, 10.42, 10.42); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.9 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 2.50 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.832 mW/g
Maximum value of SAR (measured) = 1.82 mW/g

Test Date = 03/10/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.7 degree C. , After 24.7 degree C.



3. Measurement data (PCS 1900)

PV200/ Left Head /Cheek / GSM / 661ch(1880.0MHz)

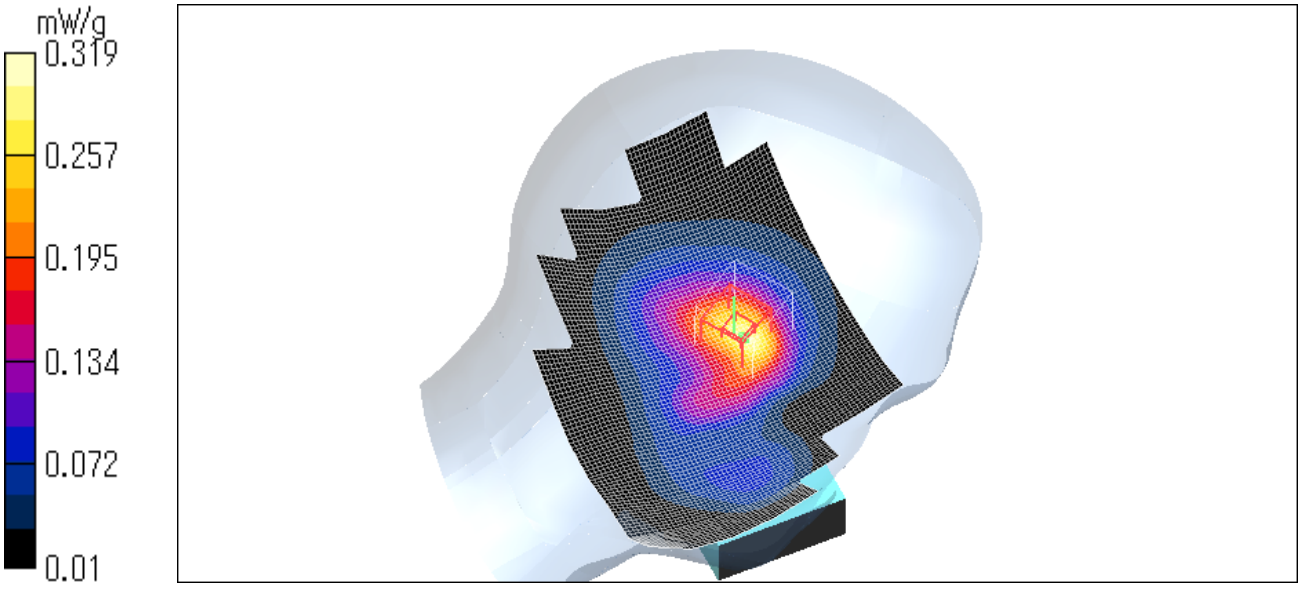
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(9.1, 9.1, 9.1); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = 0.219 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.319 mW/g

Test Date = 03/08/06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 22.0 degree C. , After 22.0 degree C.



PV200/ Left Head /Tilt / GSM / 661ch(1880.0MHz)

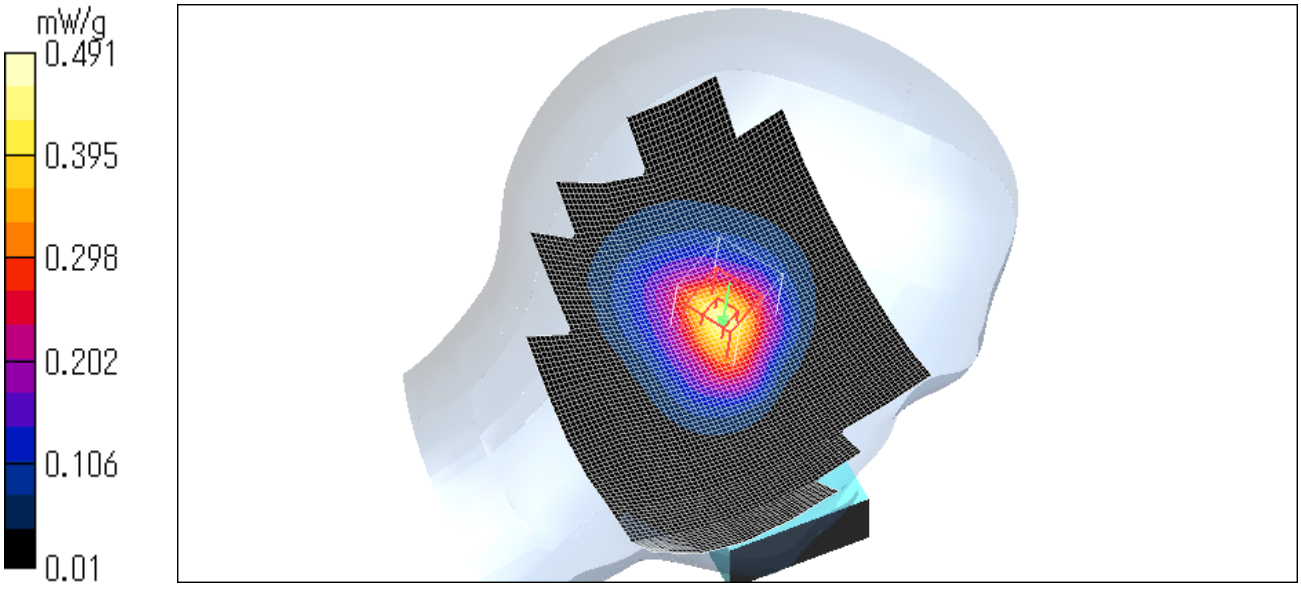
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(9.1, 9.1, 9.1); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.452 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.491 mW/g

Test Date = 03/08 /06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 22.0 degree C. , After 22.0 degree C.



PV200/ Right Head /Cheek / GSM / 661ch(1880.0MHz)

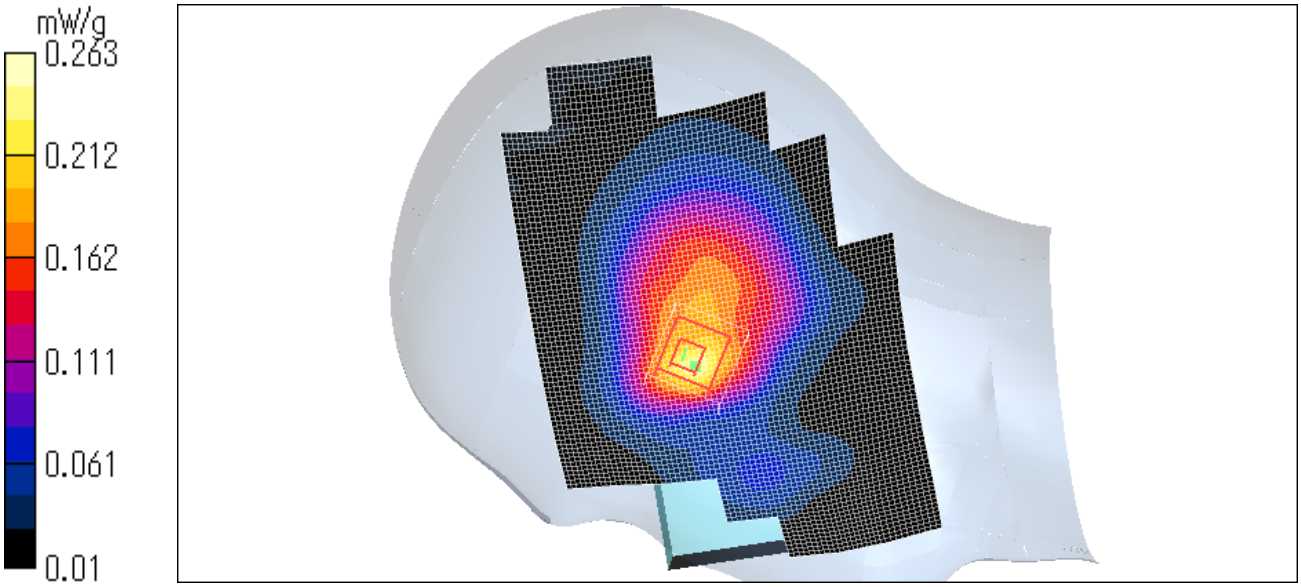
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(9.1, 9.1, 9.1); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.17 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.263 mW/g

Test Date = 03/08/06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 22.0 degree C. , After 22.0 degree C.



PV200/ Right Head /Tilt / GSM / 661ch(1880.0MHz)

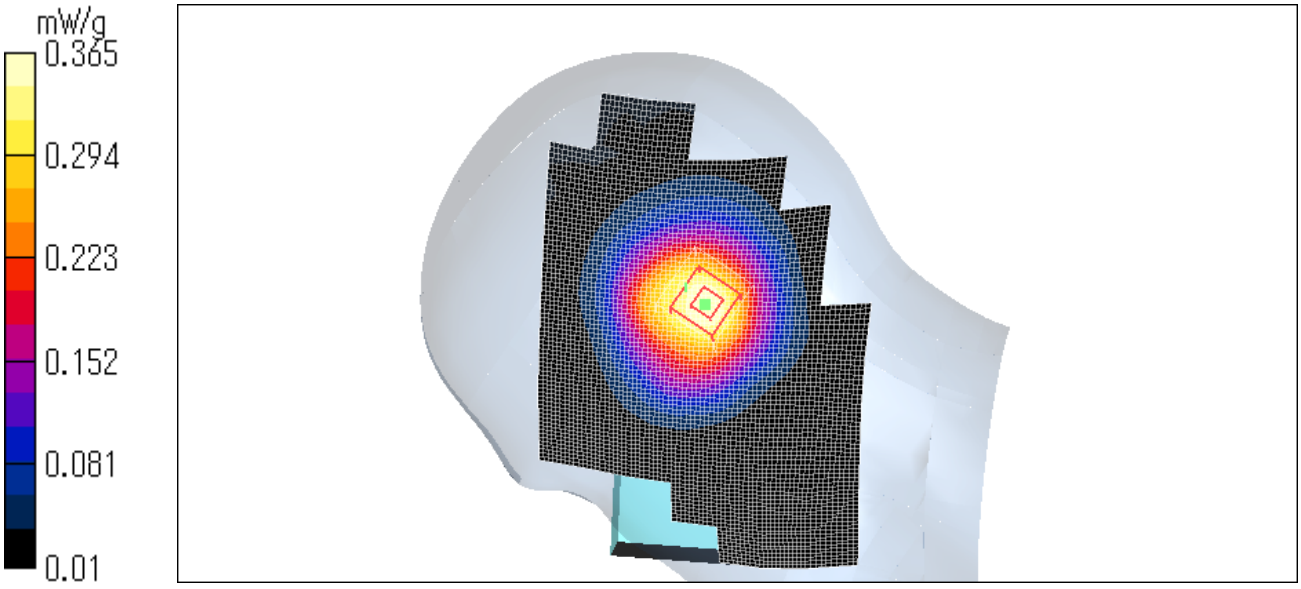
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(9.1, 9.1, 9.1); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.378 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.213 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.365 mW/g

Test Date = 03/08/06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 22.0 degree C. , After 22.0 degree C.



PV200/ Left Head /Tilt / GSM / 512ch(1850.2MHz)

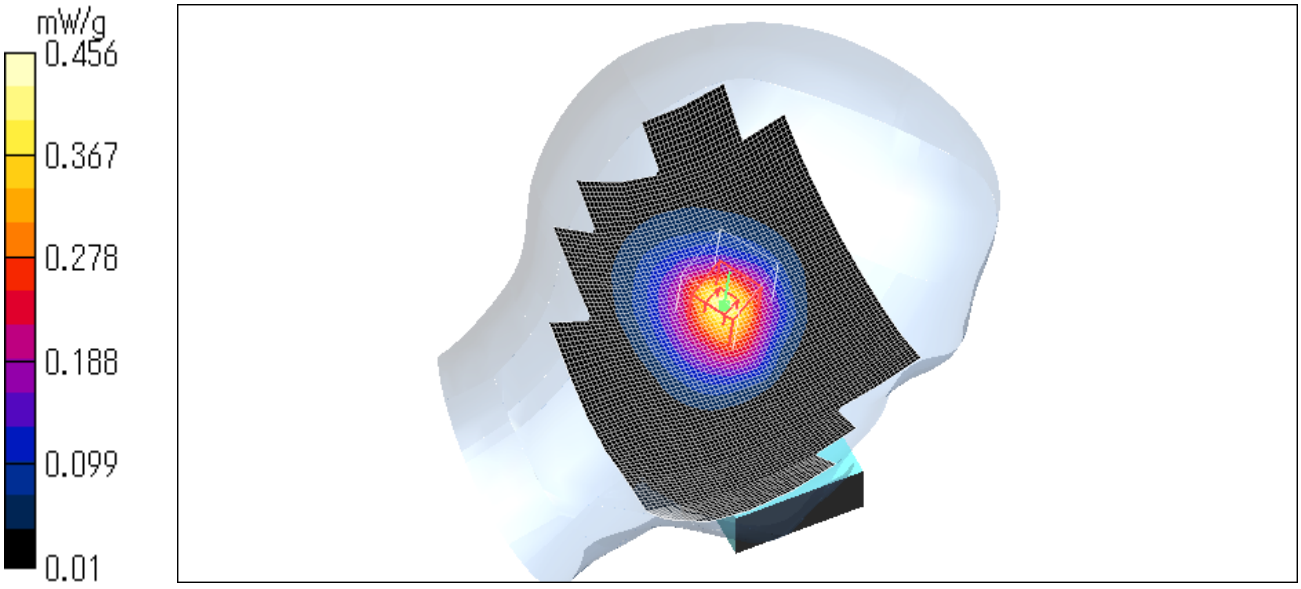
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(9.1, 9.1, 9.1); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.425 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.456 mW/g

Test Date = 03/08/06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 22.0 degree C. , After 22.1 degree C.



PV200/ Right Head /Tilt / GSM / 810ch(1909.8MHz)

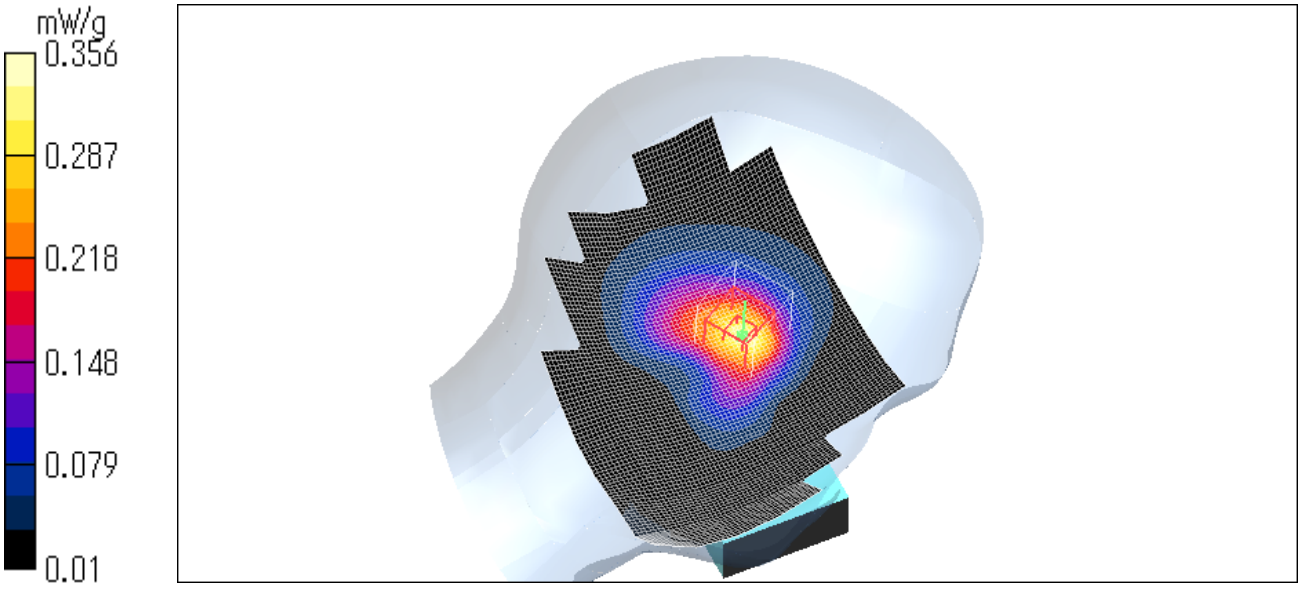
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(9.1, 9.1, 9.1); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.336 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.19 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.356 mW/g

Test Date = 03/08/06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 22.1degree C. , After 22.2 degree C.



PV200/ Body /Back / GSM / 512ch(1850.2MHz)

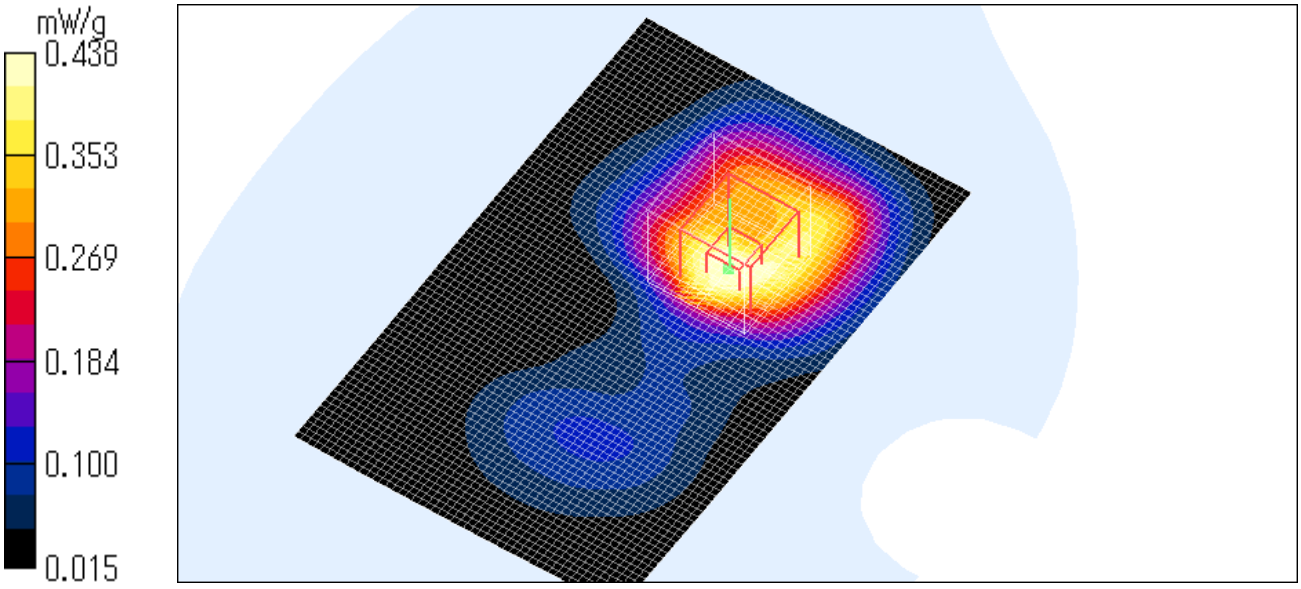
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.475 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.87 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.526 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.438 mW/g

Test Date = 03/0806
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Body /Back / GSM / 661ch(1880.0MHz)

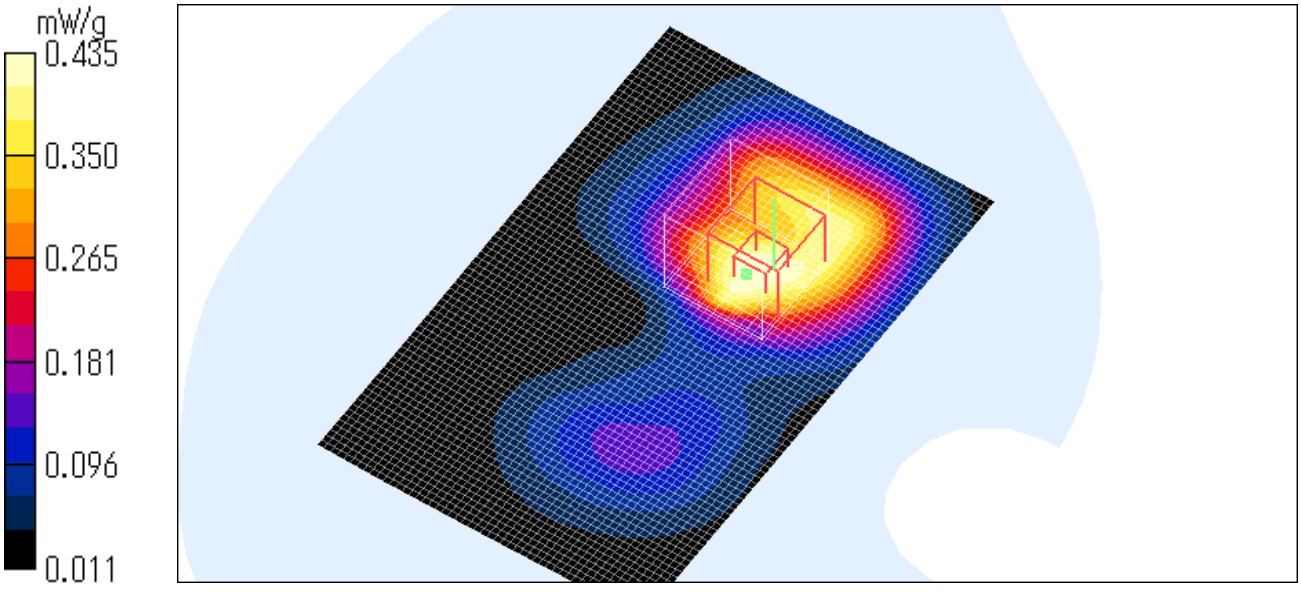
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.481 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.90 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.435 mW/g

Test Date = 03/08/06
Ambient Temperature = 25.0degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Body /Back / GSM / 810ch(1909.8MHz)

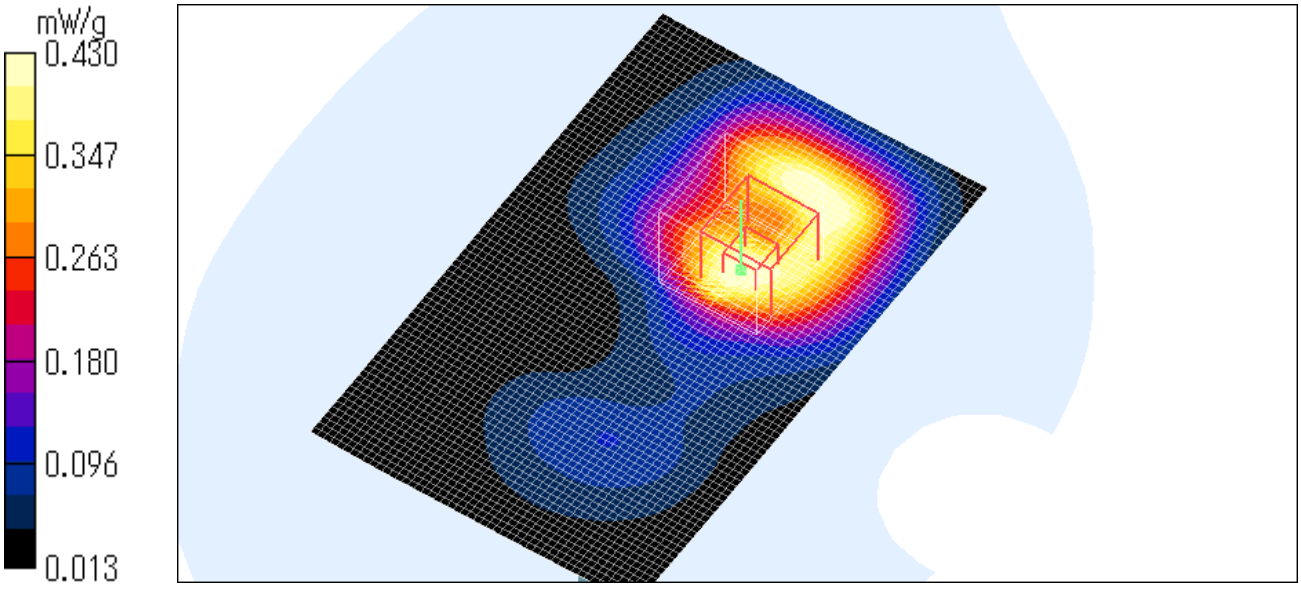
Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.454 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.42 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.430 mW/g

Test Date = 03/8/06
Ambient Temperature = 25.0 degree C.
Liquid Temperature = Before 24.2 degree C. , After 24.2 degree C.



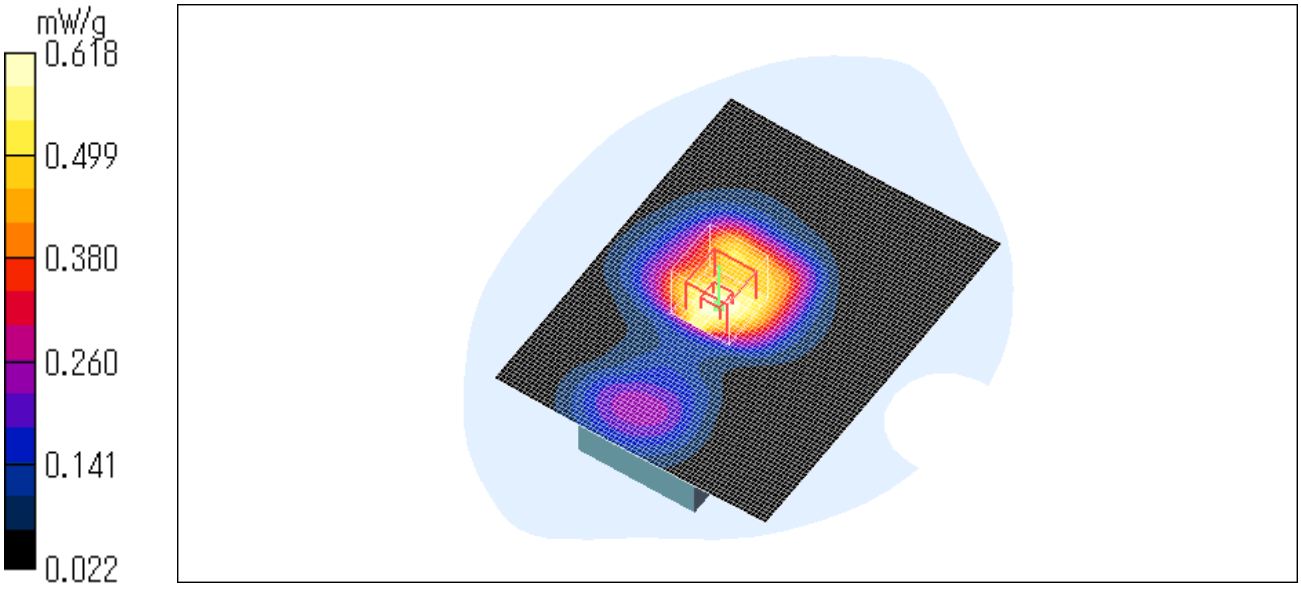
PV200/ Body /Back / GPRS / 512ch(1850.2MHz)

Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.671 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.618 mW/g
Test Date = 03/11/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



PV200/ Body /Back / GPRS / 661ch(1880.0MHz)

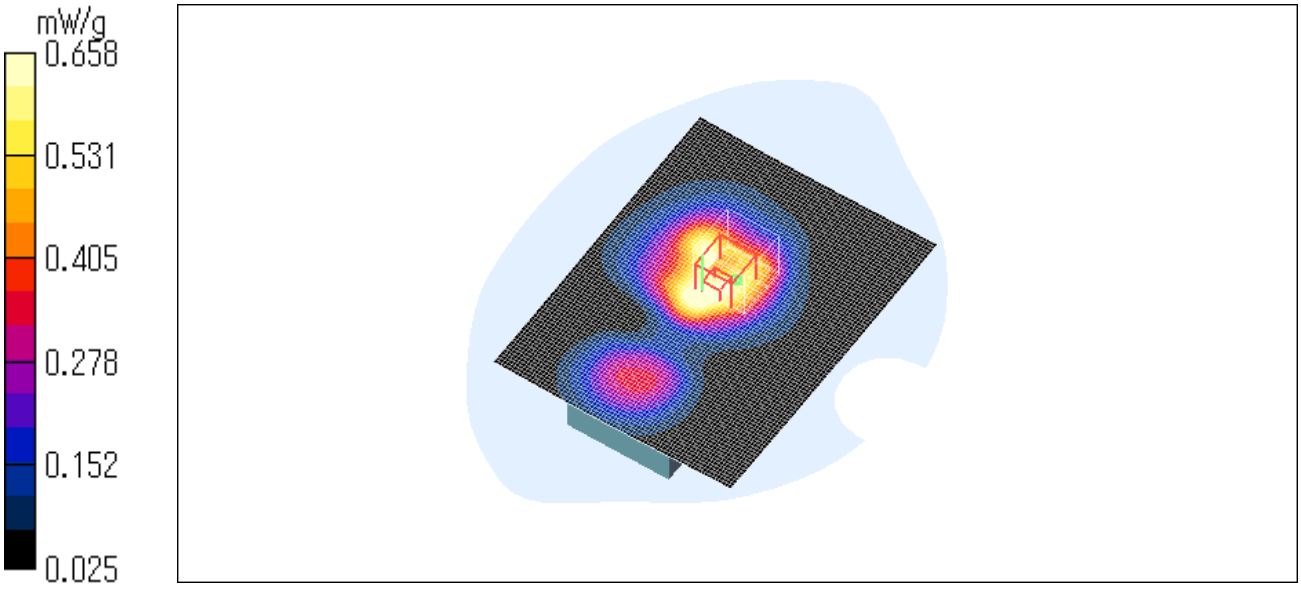
Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.702 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.6 V/m; Power Drift = -0.217 dB
Peak SAR (extrapolated) = 0.740 W/kg
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.658 mW/g
Test Date = 03/11/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



UL Apex Co., Ltd.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone: +81 596 24 8116
Facsimile: +81 596 24 8124

PV200/ Body /Back / GPRS / 810ch(1909.8MHz)

Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

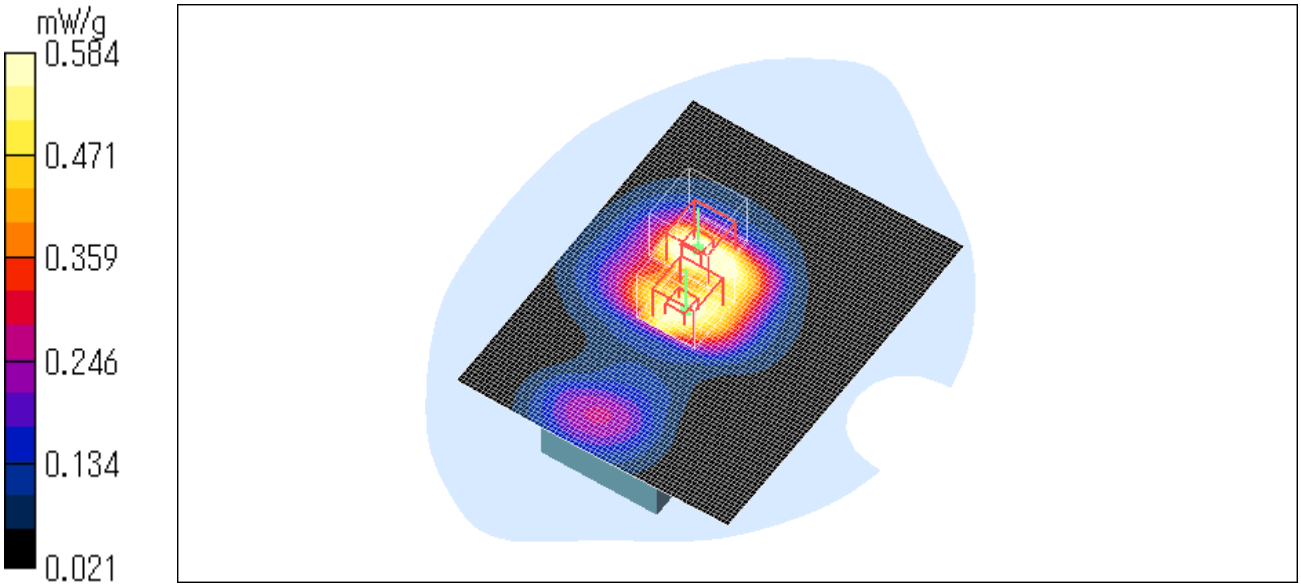
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.661 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.726 mW/g

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.584 mW/g
Test Date = 03/11/06

Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



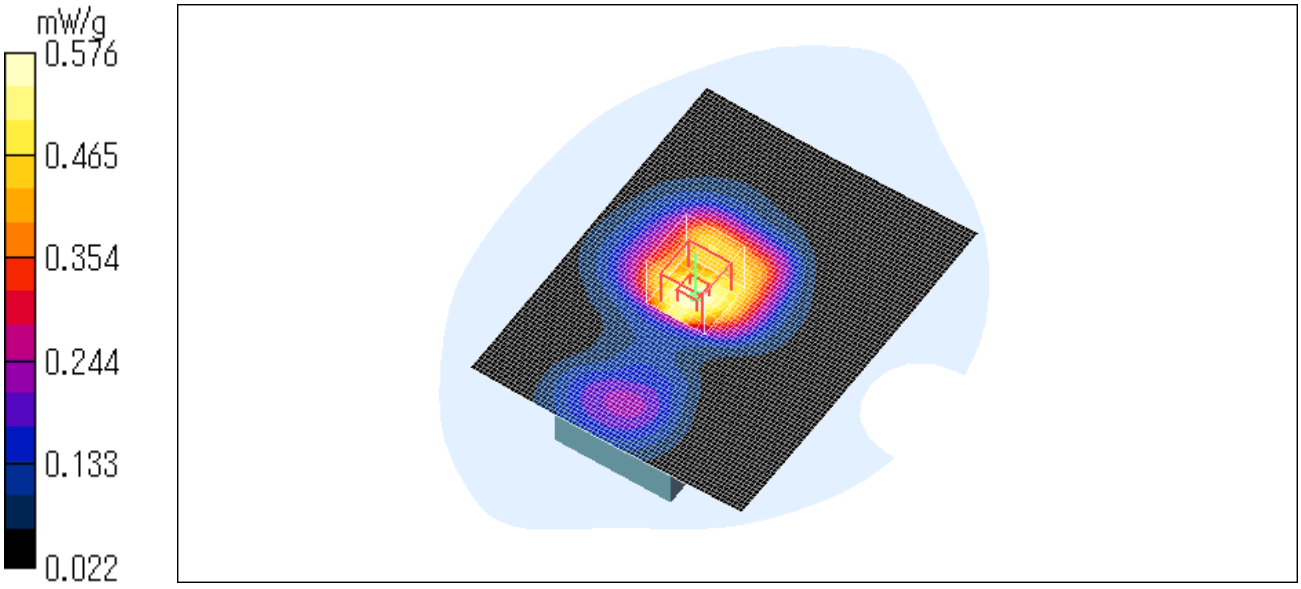
PV200/ Body /Back / EGPRS / 512ch(1850.2MHz)

Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.632 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.9 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.576 mW/g
Test Date = 03/11/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



PV200/ Body /Back / EGPRS / 661ch(1880.0MHz)

Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

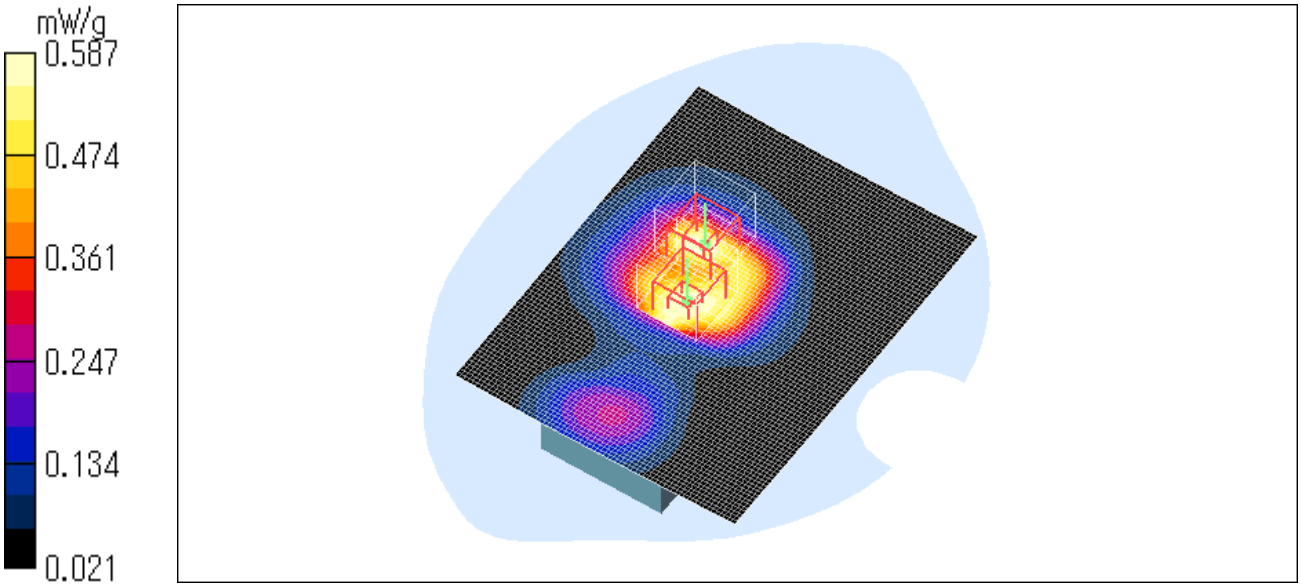
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.687 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 0.740 W/kg
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.603 mW/g

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.587 mW/g

Test Date = 03/11/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



UL Apex Co., Ltd.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone: +81 596 24 8116
Facsimile: +81 596 24 8124

PV200/ Body /Back / EGPRS / 810ch(1909.8MHz)

Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

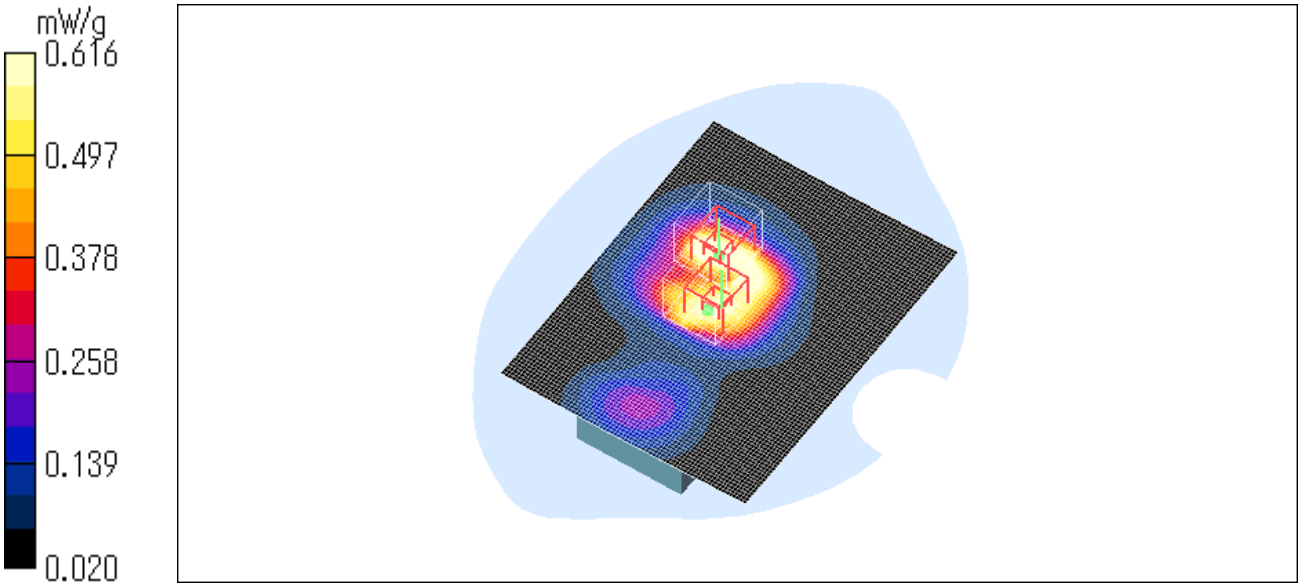
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.822 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.345 mW/g
Maximum value of SAR (measured) = 0.809 mW/g

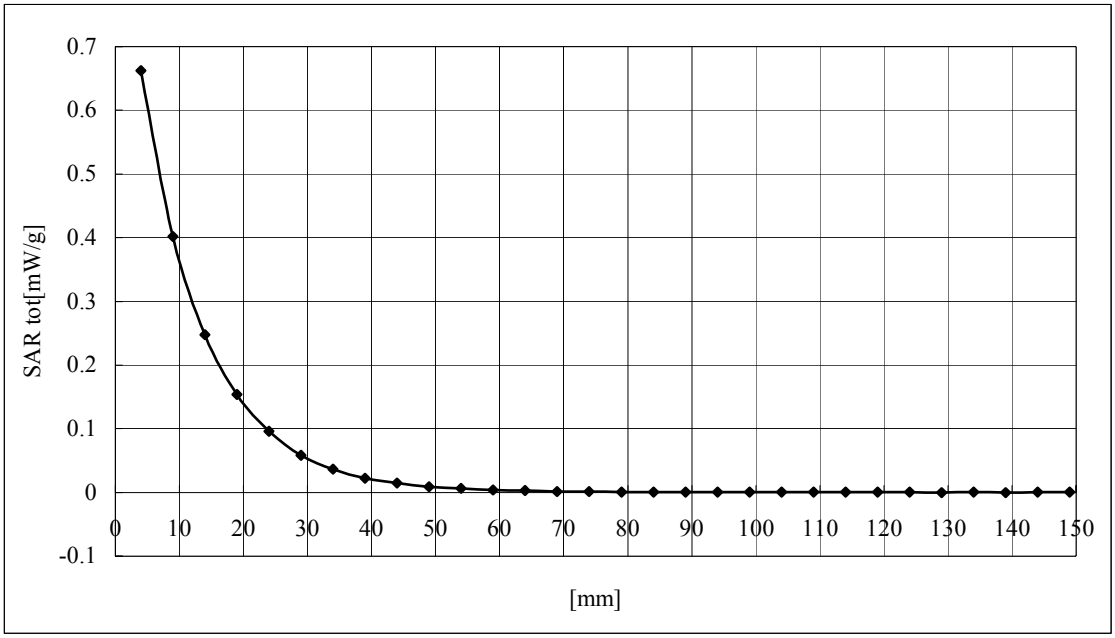
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.616 mW/g

Test Date = 03/11/06
Ambient Temperature = 25.0 degree.C.
Liquid Temperature = Before 24.5 degree C. , After 24.5 degree C.



Z-axis scan at max SAR location

PV200/ Body /Back / EGPRS / 810ch(1909.8MHz)
Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(8.7, 8.7, 8.7); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145



4. Measurement data (Bluetooth 2450MHz)

PV200/ Body /Back / Bluetooth / 1ch(2402MHz)

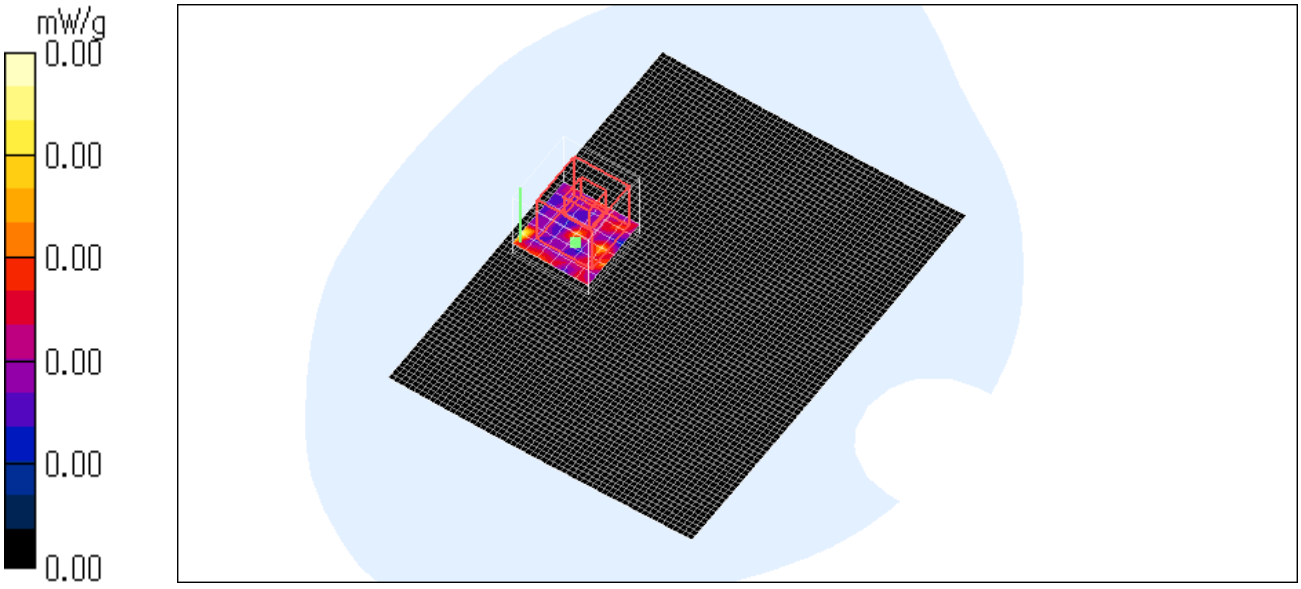
Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.03 mho/m; ε_r = 50.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(7.72, 7.72, 7.72); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.00 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00 W/kg
SAR(1 g) = 3.27e-005 mW/g; SAR(10 g) = 5.73e-006 mW/g
Maximum value of SAR (measured) = 0.00 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Body /Back / Bluetooth / 39ch(2441MHz)

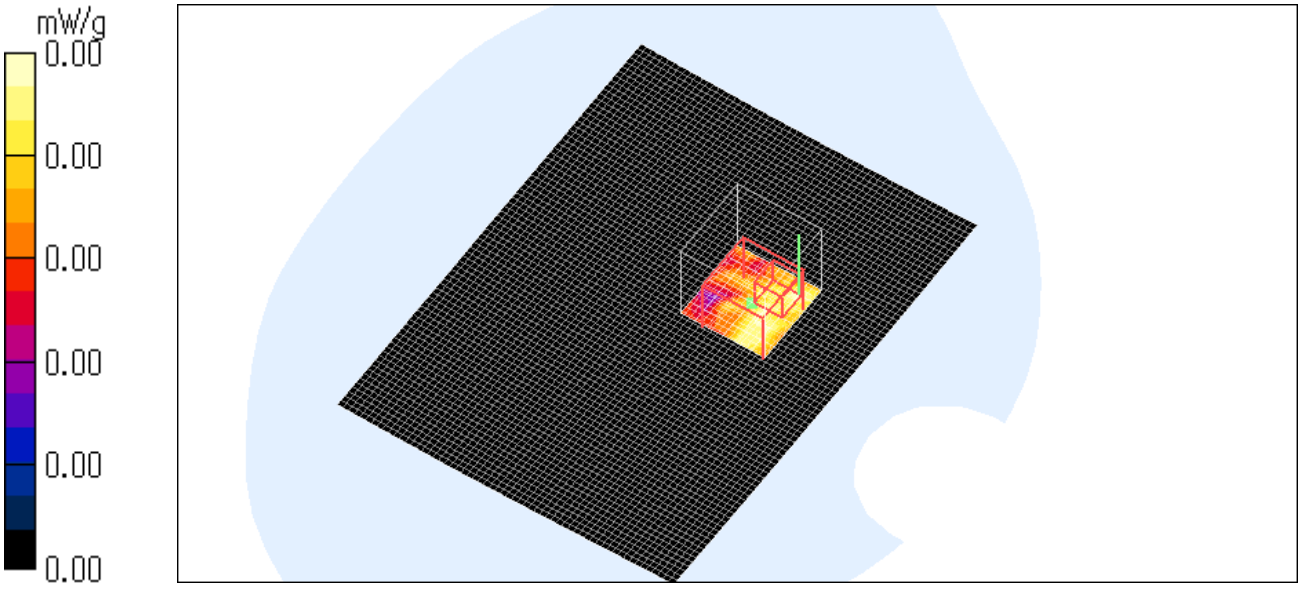
Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.03 mho/m; ε_r = 50.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(7.72, 7.72, 7.72); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.00 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00dB
Peak SAR (extrapolated) = 0.00 W/kg
SAR(1 g) = 0.000684 mW/g; SAR(10 g) = 0.00023 mW/g
Maximum value of SAR (measured) = 0.00 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 23.0 degree C. , After 23.0 degree C.



PV200/ Body /Back / Bluetooth / 79ch(2480MHz)

Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.03 mho/m; ε_r = 50.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:
Probe: EX3DV3 - SN3507; ConvF(7.72, 7.72, 7.72); Calibrated: 2005/04/12
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE3 Sn509; Calibrated: 2005/05/26
Phantom: SAM 1196
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.00 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00dB
Peak SAR (extrapolated) = 0.00 W/kg
SAR(1 g) = 2.37e-005 mW/g; SAR(10 g) = 3.1e-006 mW/g
Maximum value of SAR (measured) = 0.00 mW/g

Test Date = 03/13/06
Ambient Temperature = 24.5 degree C.
Liquid Temperature = Before 24.0 degree C. , After 24.0 degree C.