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(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 1mm. 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.

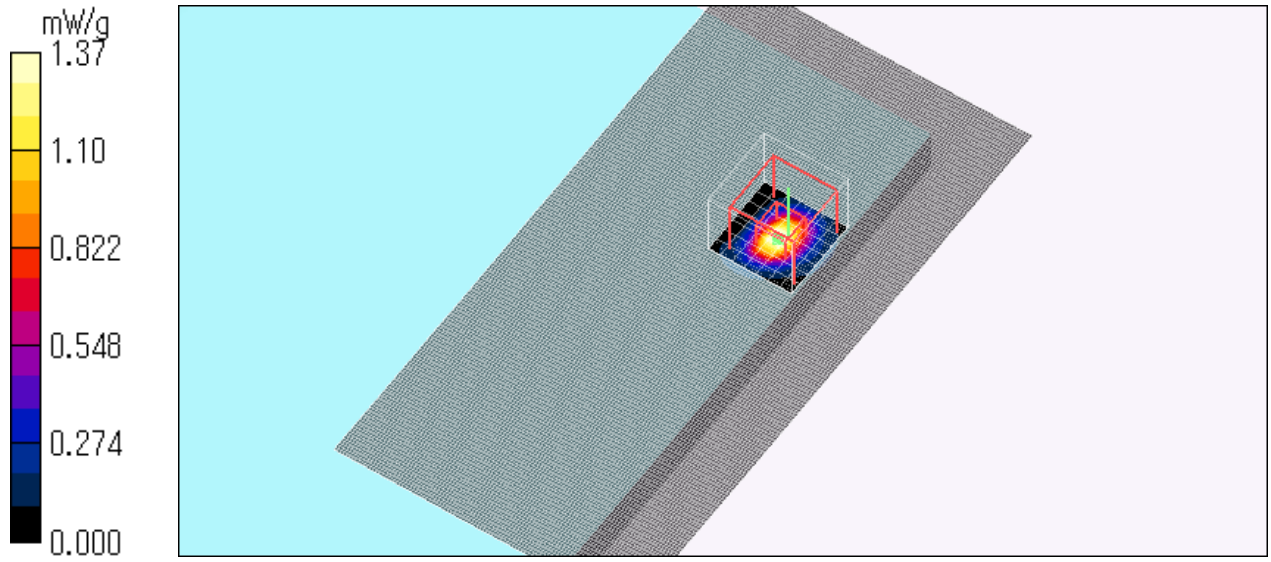
(3). All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

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

2. Measurement data (Body SAR 5180-5320MHz band)
AeroDR P-11/Body/Main antenna/Front/11a BPSK 6Mbps/5260MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5300 MHz; σ = 5.65 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.67 mW/g

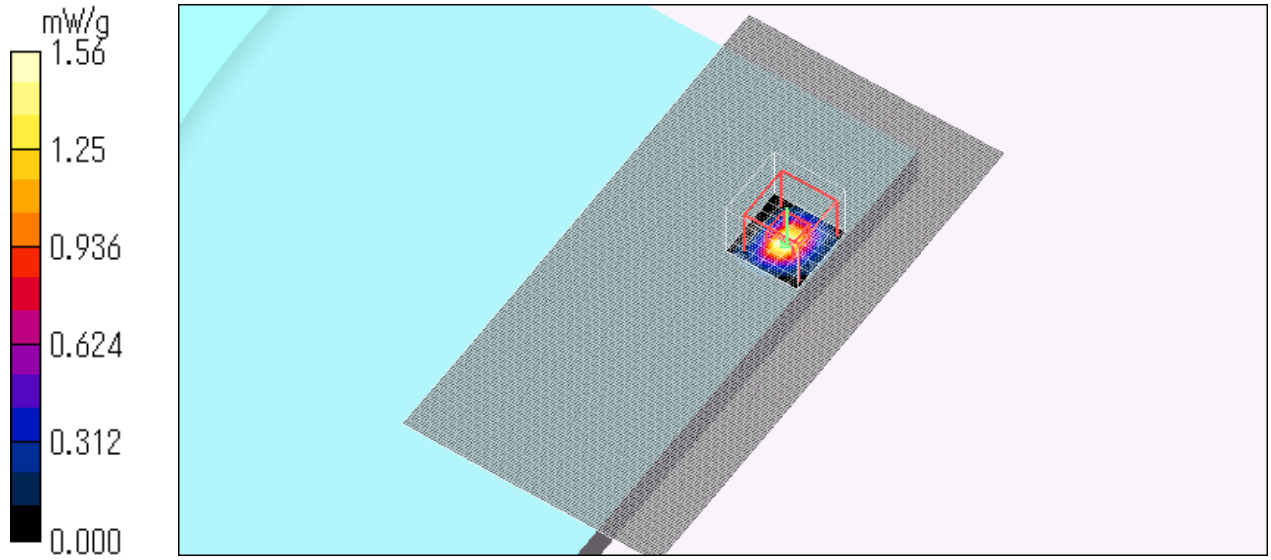
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.730 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 1.37 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps /5260MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5300 MHz; σ = 5.65 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.86 mW/g

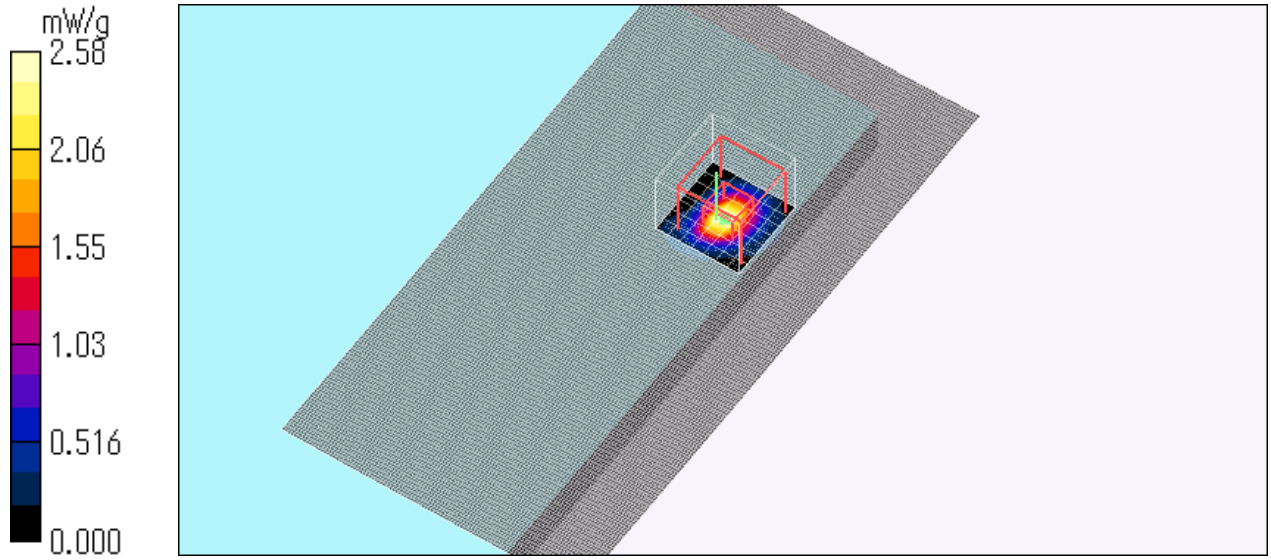
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.798 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 3.25 W/kg
SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 1.56 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps /5180MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.47 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.41, 4.41, 4.41); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.06 mW/g

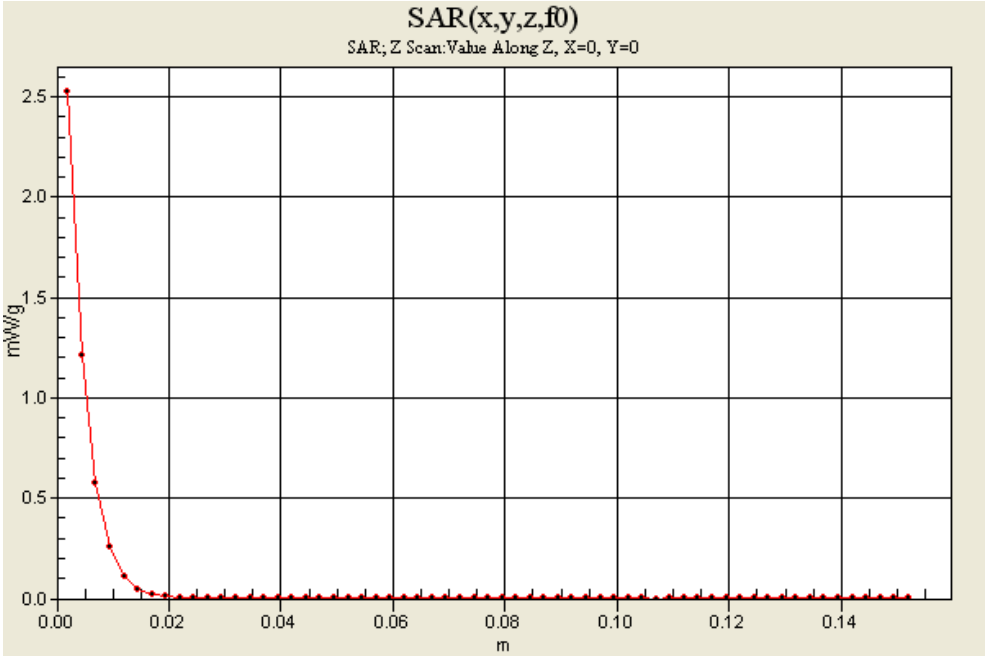
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.48 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 5.15 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 2.58 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



Z-axis scan at max SAR location

AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps /5180MHz

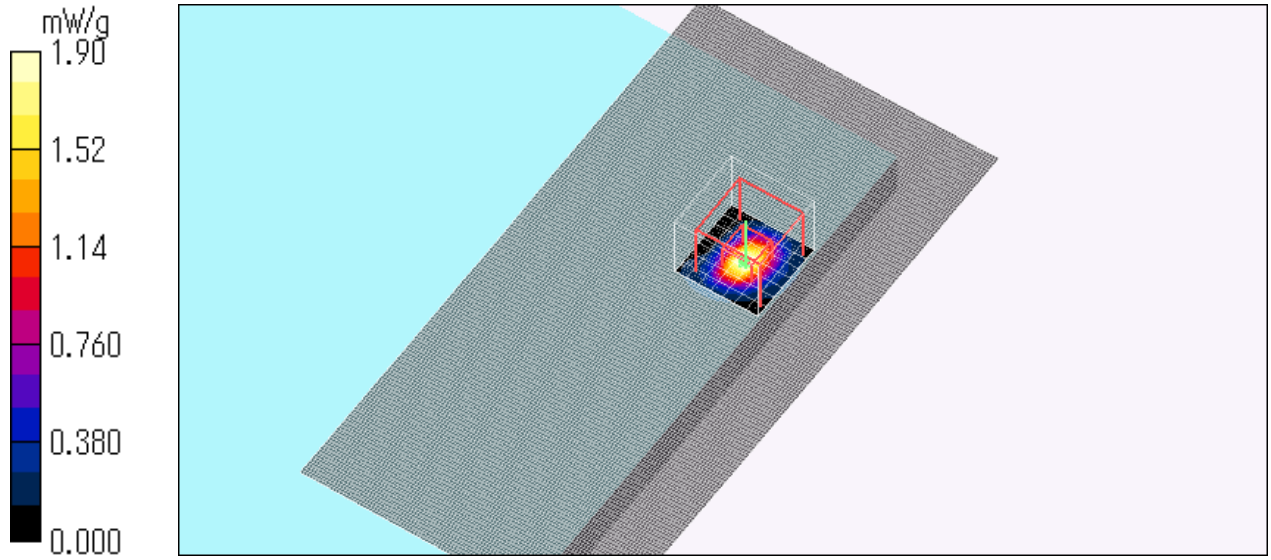
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.47 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.41, 4.41, 4.41); Calibrated: 2010/02/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps /5220MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.47 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.41, 4.41, 4.41); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.17 mW/g

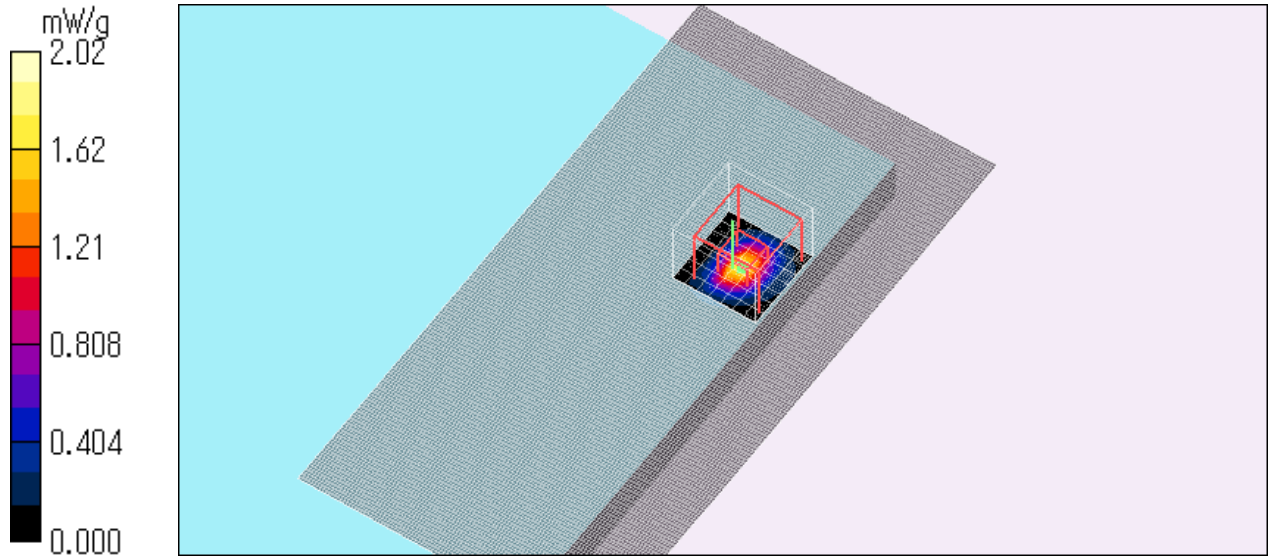
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.703 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 3.92 W/kg
SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 1.90 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps /5320MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5300 MHz; σ = 5.65 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.02 mW/g

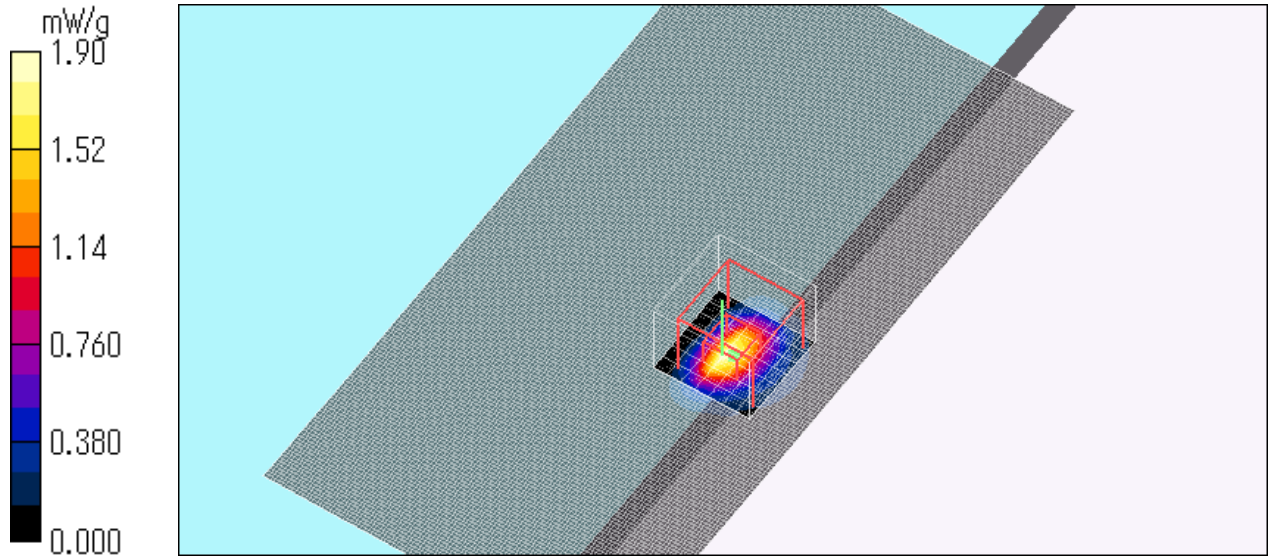
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.02 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 3.24 W/kg
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 1.66 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/SUB antenna/Front/11a BPSK 6Mbps/5260MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5300 MHz; σ = 5.65 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.37 mW/g

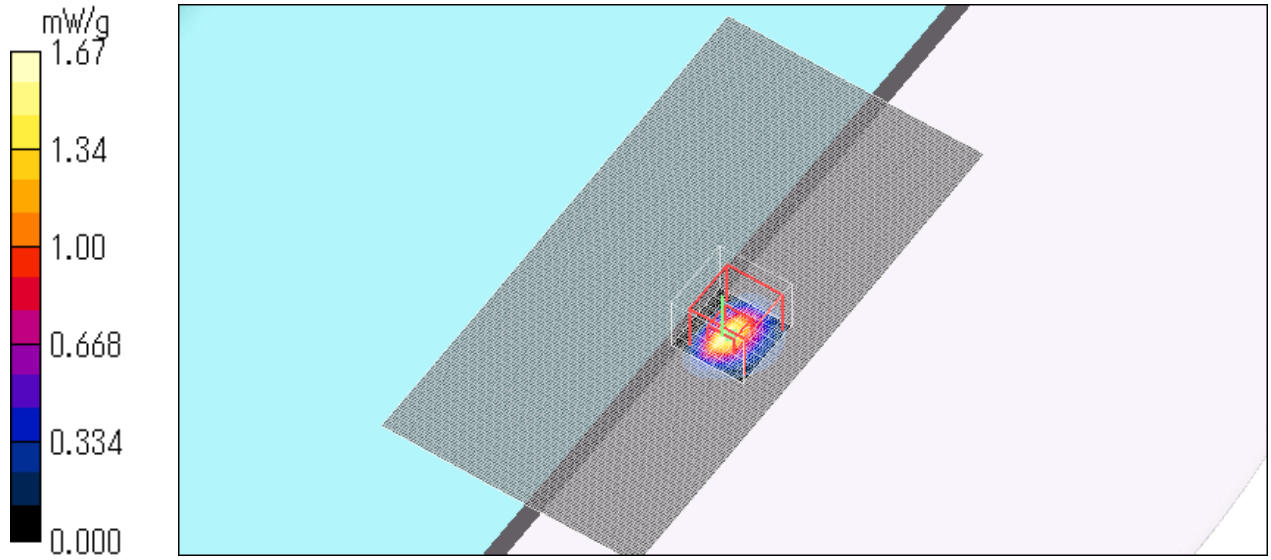
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.38 V/m; Power Drift = -0.199 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 1.90 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/SUB antenna/Front/11a BPSK 9Mbps/5260MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5300 MHz; σ = 5.65 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.11 mW/g

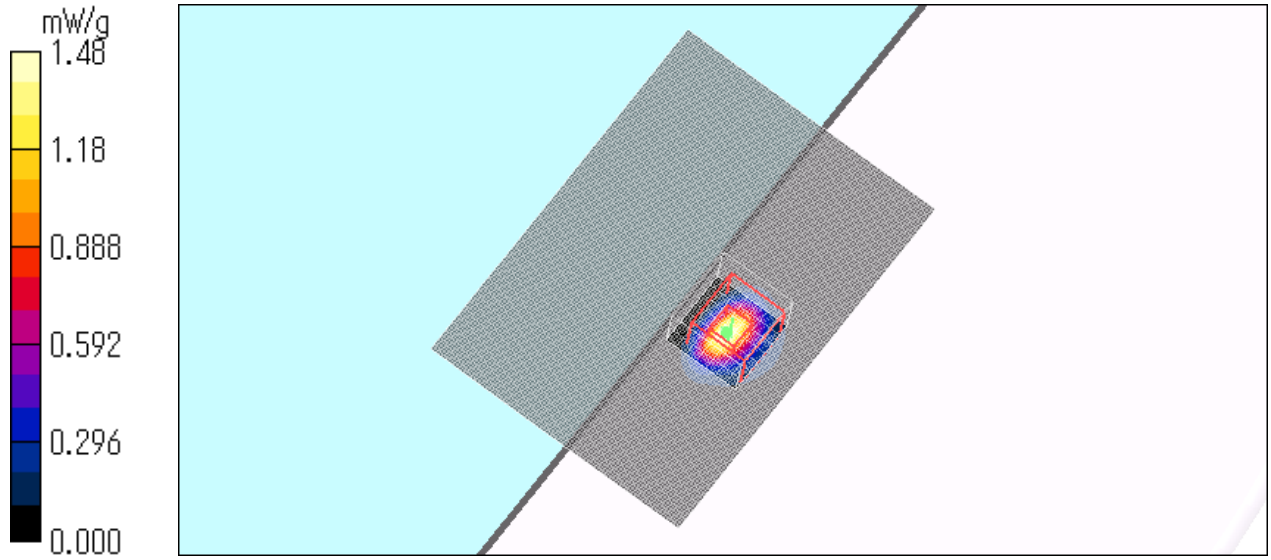
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.54 V/m; Power Drift = -0.205 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 1.67 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/SUB antenna/Front/11a BPSK 6Mbps/5180MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.47 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.41, 4.41, 4.41); Calibrated: 2010/02/19
- 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 (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.99 mW/g

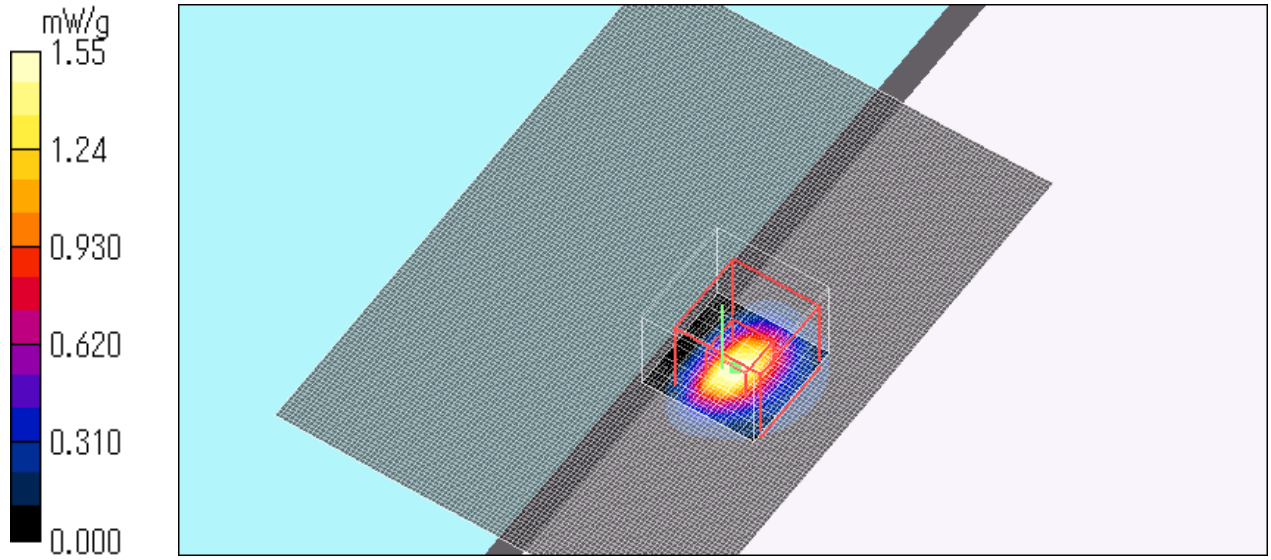
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.25 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 1.48 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/SUB antenna/Front/11a BPSK 6Mbps/5240MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.47 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.41, 4.41, 4.41); Calibrated: 2010/02/19
- 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 (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.16 mW/g

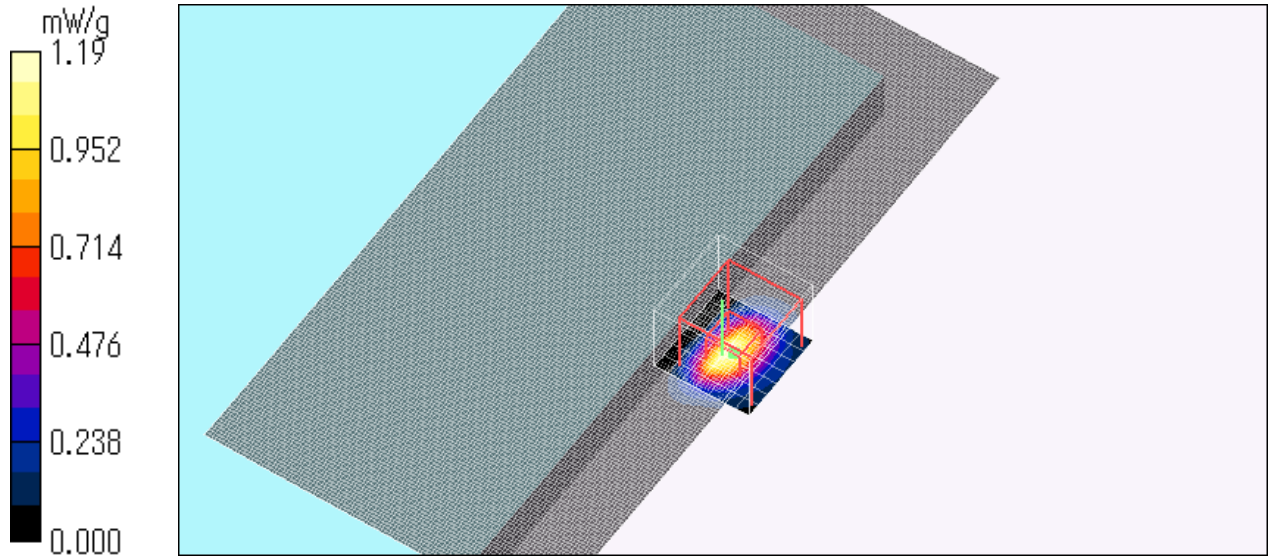
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.26 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.224 mW/g
Maximum value of SAR (measured) = 1.55 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/SUB antenna/Front/11a BPSK 6Mbps/5320MHz
Duty Cycle: 1:1
Medium: M5200 Medium parameters used: f = 5300 MHz; σ = 5.65 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.65 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.885 V/m; Power Drift = 0.155 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 1.19 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.

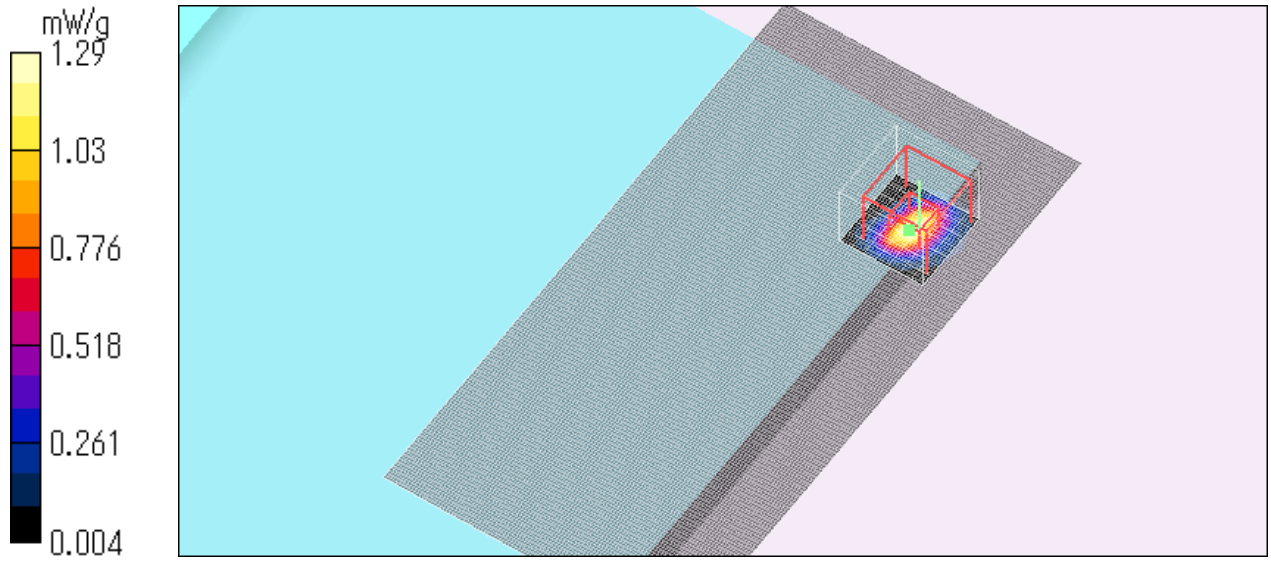


3. Measurement data (Body SAR 5745-5825MHz band)
AeroDR P-11/Body/Main antenna/Front/11a BPSK 6Mbps/5785MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.84 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.996 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 2.41 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 1.29 mW/g

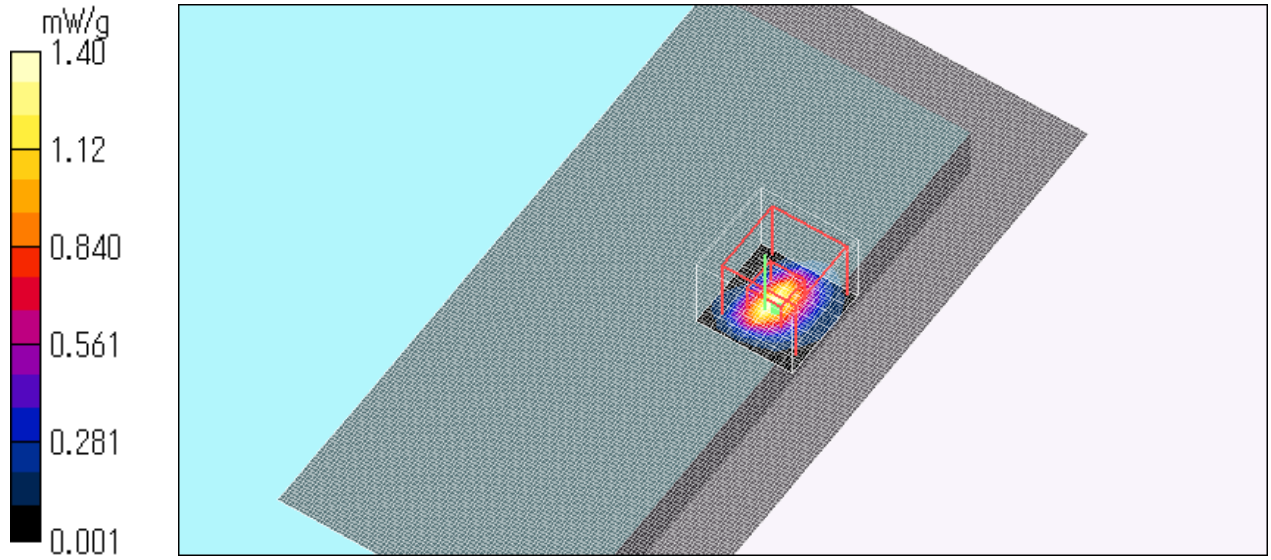
Test Date = 06/21/10
Ambient Temperature = 24.5 degree.C.
Liquid Temperature = Before 23.5 degree.C. , After 23.5 degree.C.



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps/5785MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.01 mW/g

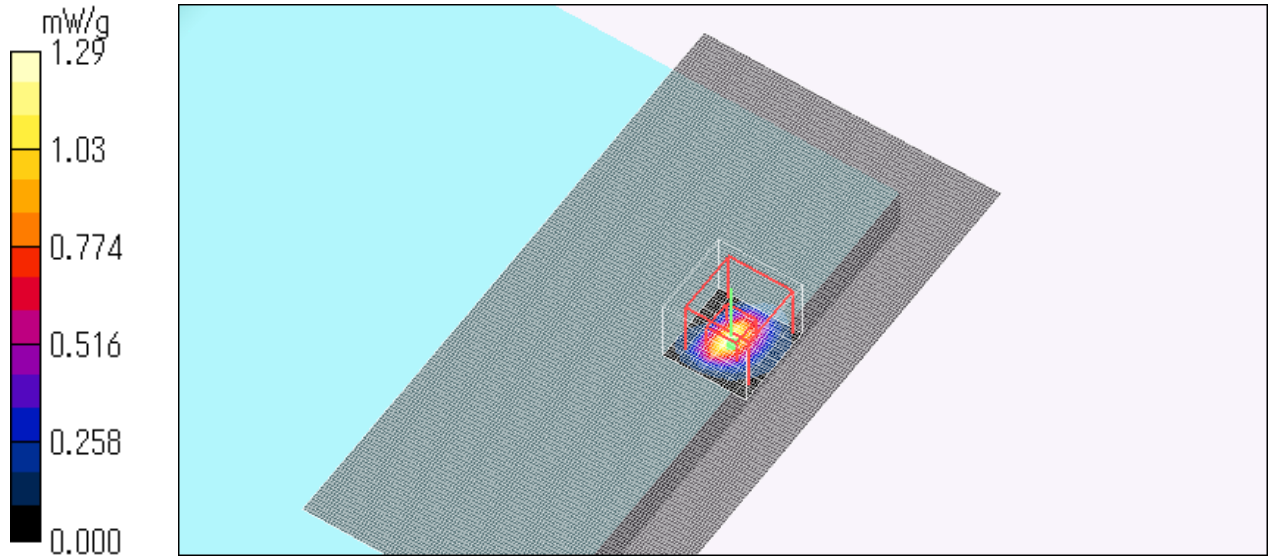
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.60 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 1.40 mW/g
Test Date = 06/21/10
Ambient Temperature = 24.5 degree.C.
Liquid Temperature = Before 23.5 degree.C. , After 23.5 degree.C.



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps/5745MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.890 mW/g

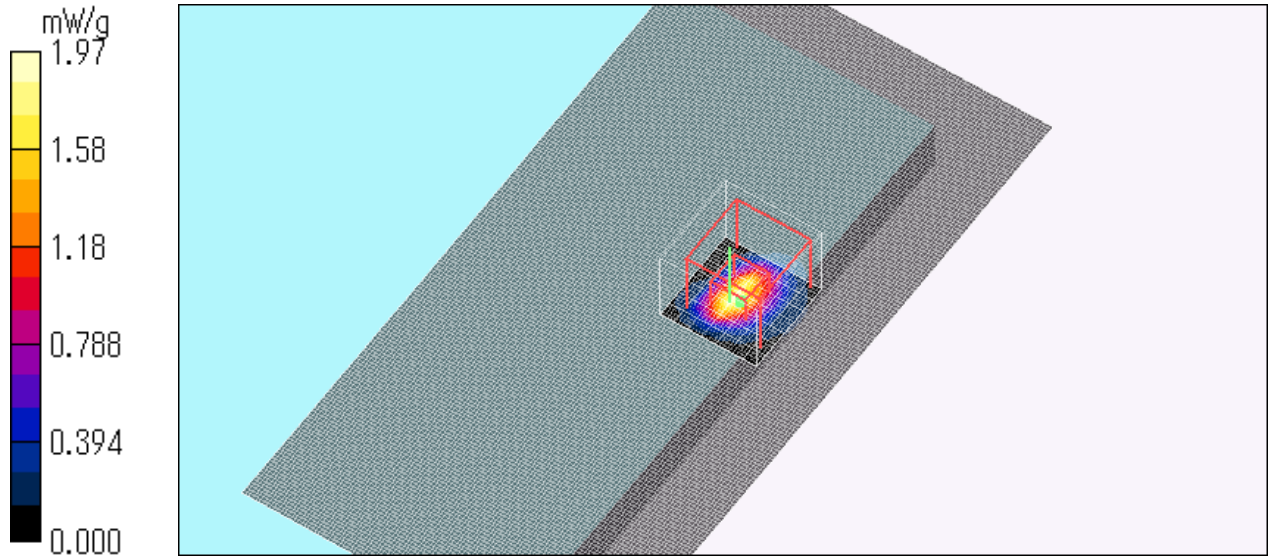
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.38 V/m; Power Drift = -0.195 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 1.29 mW/g
Test Date = 06/21/10
Ambient Temperature = 24.5 degree.C.
Liquid Temperature = Before 23.5 degree.C. , After 23.4 degree.C.



AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps/5825MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.59 mW/g

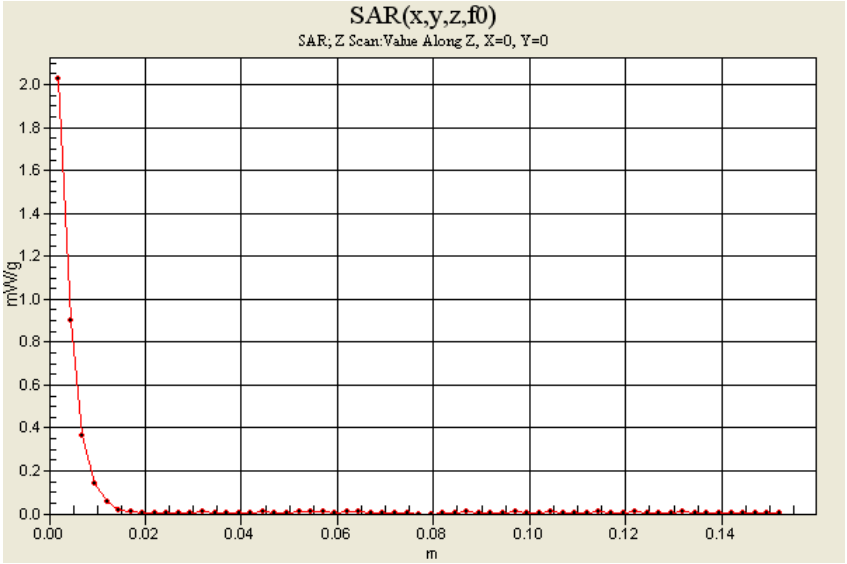
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.32 V/m; Power Drift = -0.173 dB
Peak SAR (extrapolated) = 3.91 W/kg
SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 1.97 mW/g
Test Date = 06/21/10
Ambient Temperature = 24.5 degree.C.
Liquid Temperature = Before 23.4 degree.C. , After 23.2 degree.C.



Z-axis scan at max SAR location

AeroDR P-11/Body/Main antenna/Front/11a 16QAM 24Mbps/5825MHz

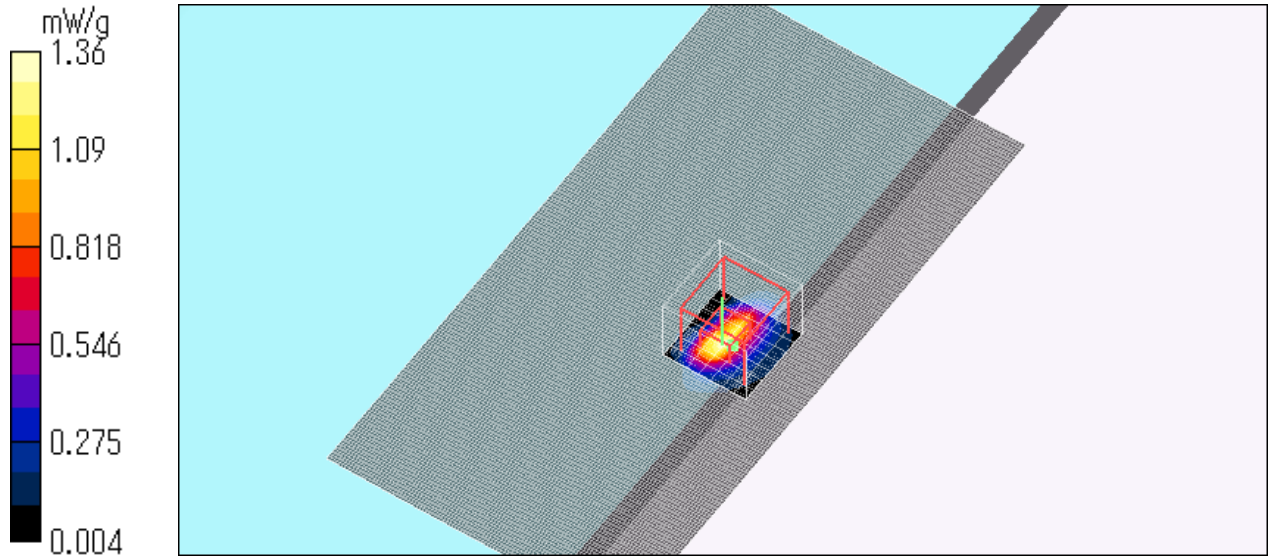
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186



AeroDR P-11/Body/Sub antenna/Front/11a BPSK 6Mbps/5785MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.26 mW/g

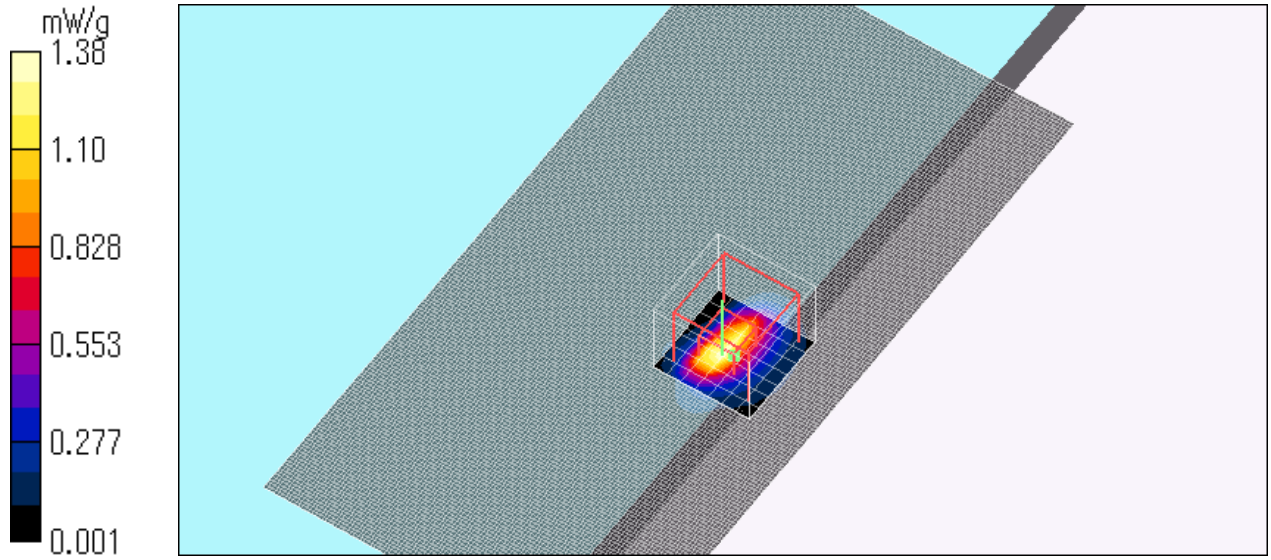
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.9 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 1.36 mW/g
Test Date = 06/21/10
Ambient Temperature = 24.5 degree.C.
Liquid Temperature = Before 23.2 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/Sub antenna/Front/11a 16QAM 24Mbps/5785MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.27 mW/g

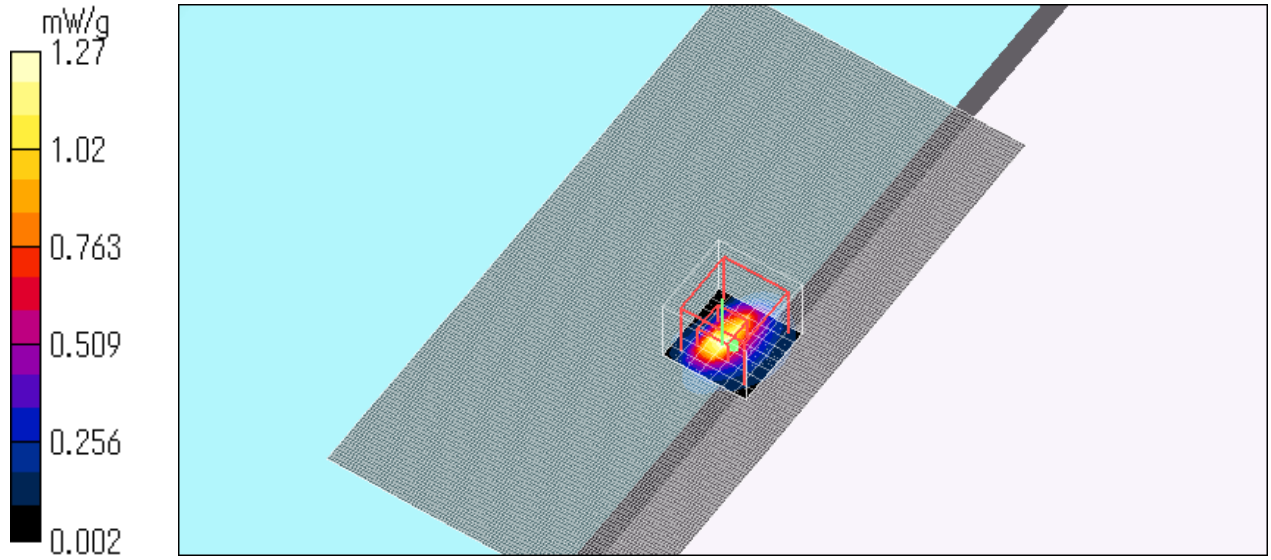
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.8 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 2.80 W/kg
SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 1.38 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/Sub antenna/Front/11a 16QAM 24Mbps/5745MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.0 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 1.27 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.



AeroDR P-11/Body/Sub antenna/Front/11a 16QAM 24Mbps/5825MHz
Duty Cycle: 1:1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.13 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(3.59, 3.59, 3.59); Calibrated: 2010/02/19
- 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 (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.6 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 1.33 mW/g
Test Date = 06/18/10
Ambient Temperature = 24.0 degree.C.
Liquid Temperature = Before 23.0 degree.C. , After 23.0 degree.C.