

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.828$  mho/m;  $\epsilon_r = 45.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.7

**Conducted Power: 1W; Li-Ion Battery; Freq = 400.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

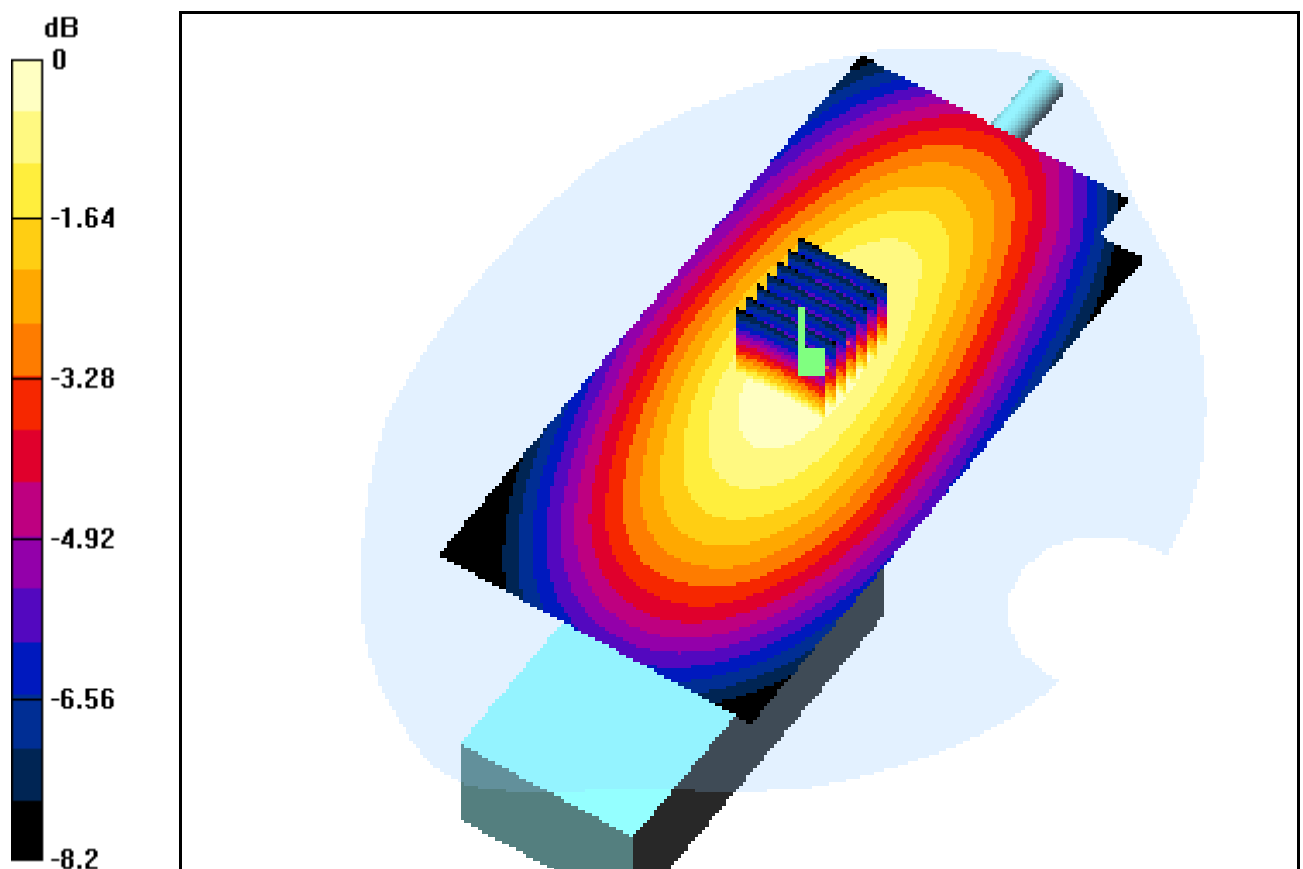
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.17 W/kg

**SAR(1 g) = 2.04 mW/g; SAR(10 g) = 1.46 mW/g**



0 dB = 2.12mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.839$  mho/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 1W; Li-Ion Battery; Freq = 435.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

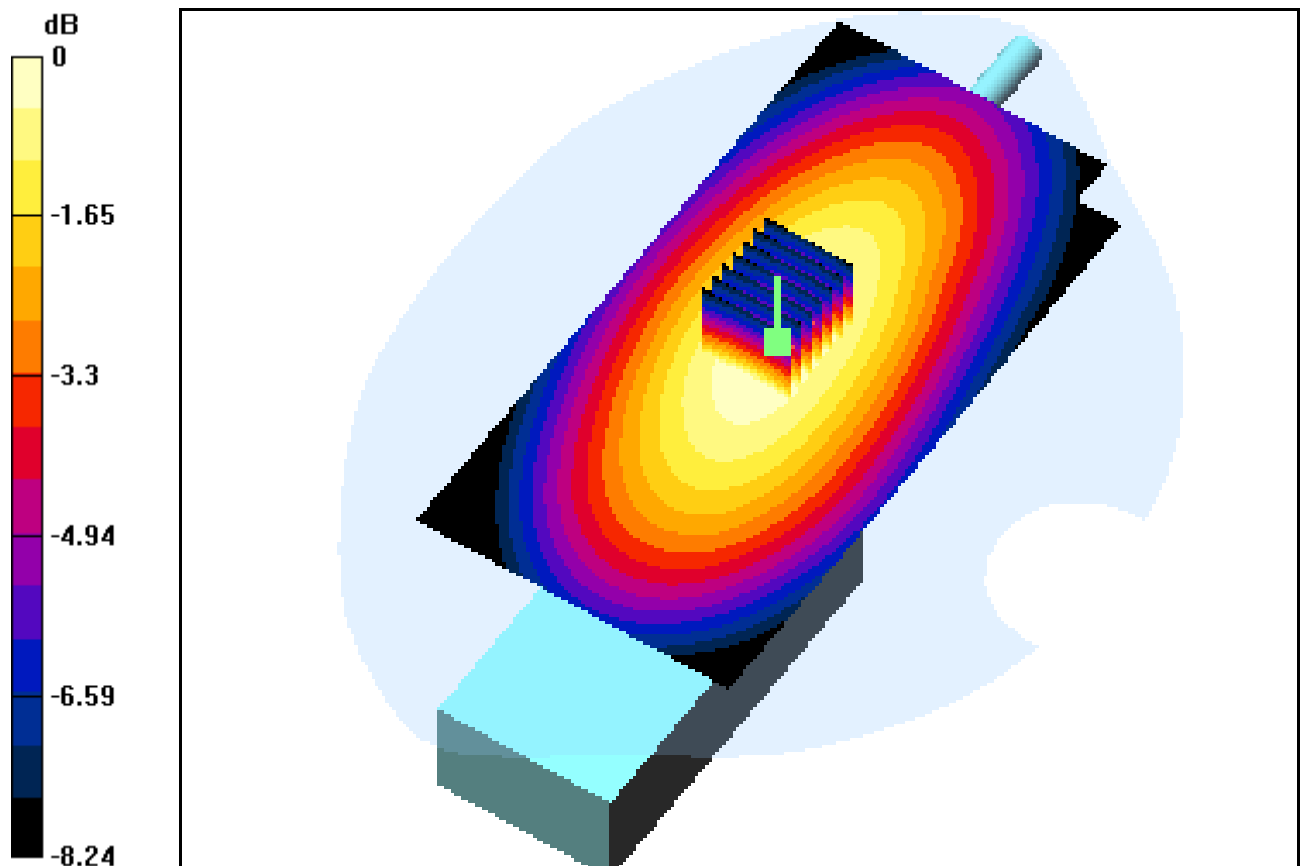
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.0 dB

Peak SAR (extrapolated) = 3.2 W/kg

**SAR(1 g) = 2.06 mW/g; SAR(10 g) = 1.47 mW/g**



0 dB = 2.14mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1  
Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 43.8$ ;  $\rho = 1000$   
 $\text{kg/m}^3$ ; Phantom section: Flat Section

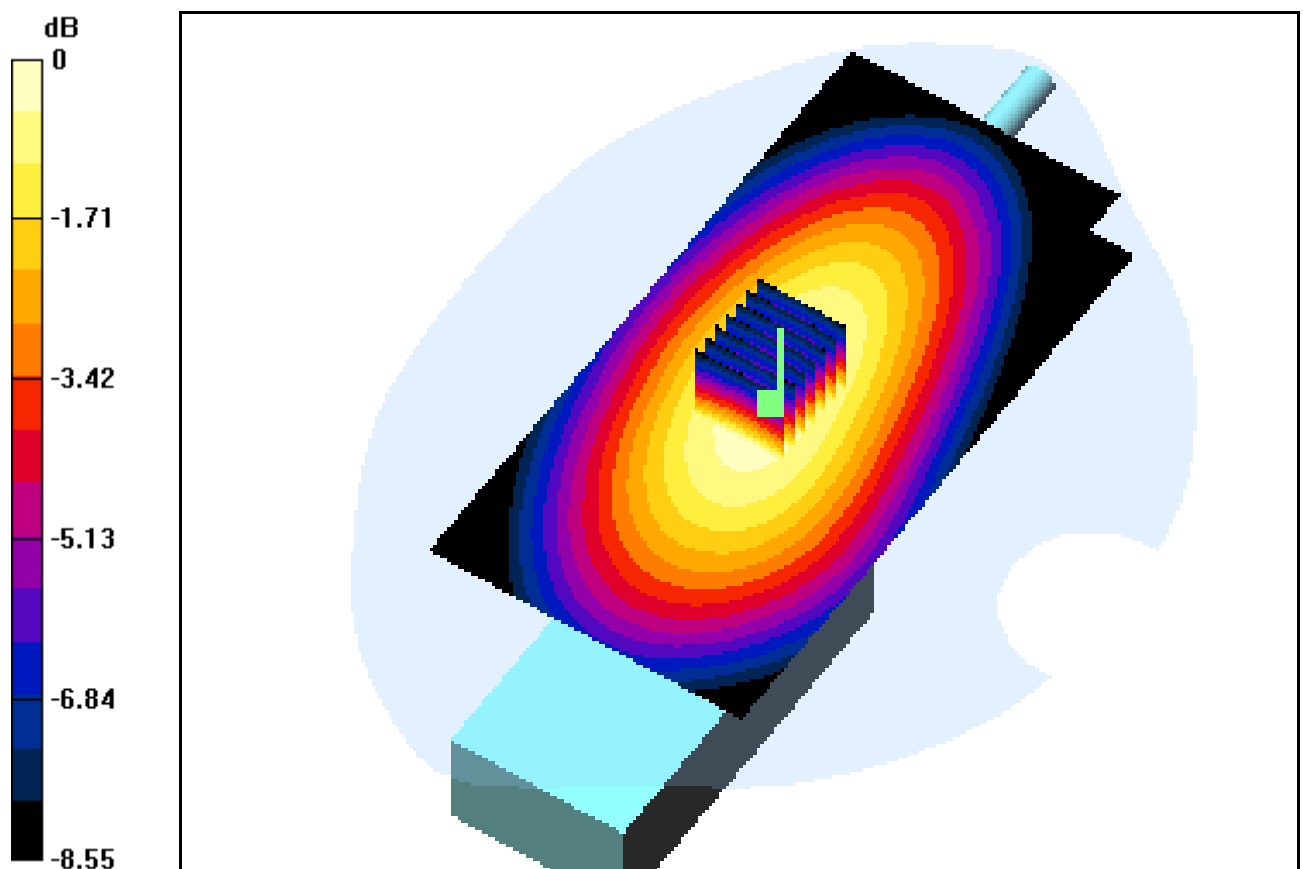
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 1W; Li-Ion Battery; Freq = 469.95MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

**Area Scan (71x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Power Drift = 0.006 dB  
Peak SAR (extrapolated) = 3.24 W/kg  
**SAR(1 g) = 2.06 mW/g; SAR(10 g) = 1.45 mW/g**



0 dB = 2.16mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.828$  mho/m;  $\epsilon_r = 45.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

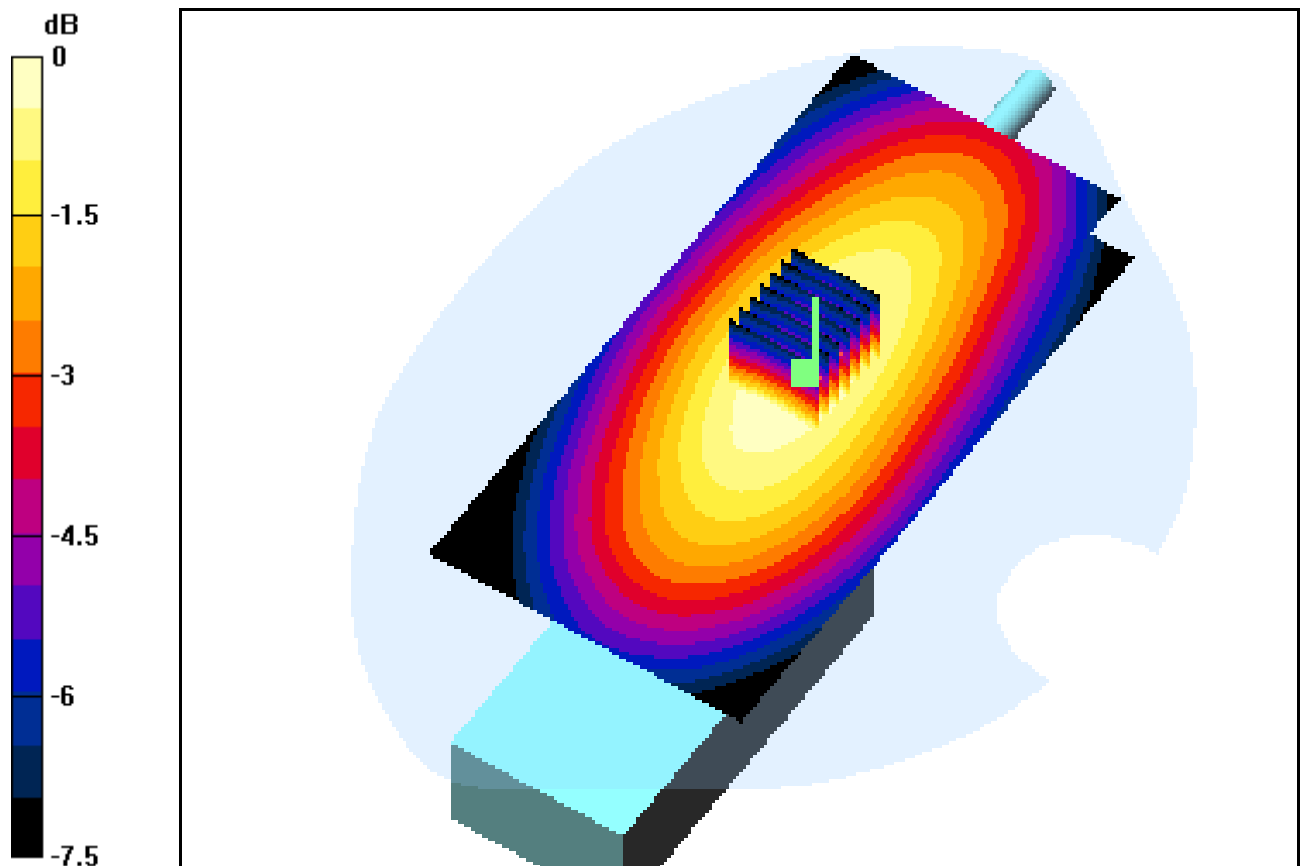
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.7

**Conducted Power: 4W; Li-Ion Battery; Freq = 400.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.0 dB  
Peak SAR (extrapolated) = 11 W/kg  
**SAR(1 g) = 7.26 mW/g; SAR(10 g) = 5.28 mW/g**



0 dB = 7.55mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.839$  mho/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

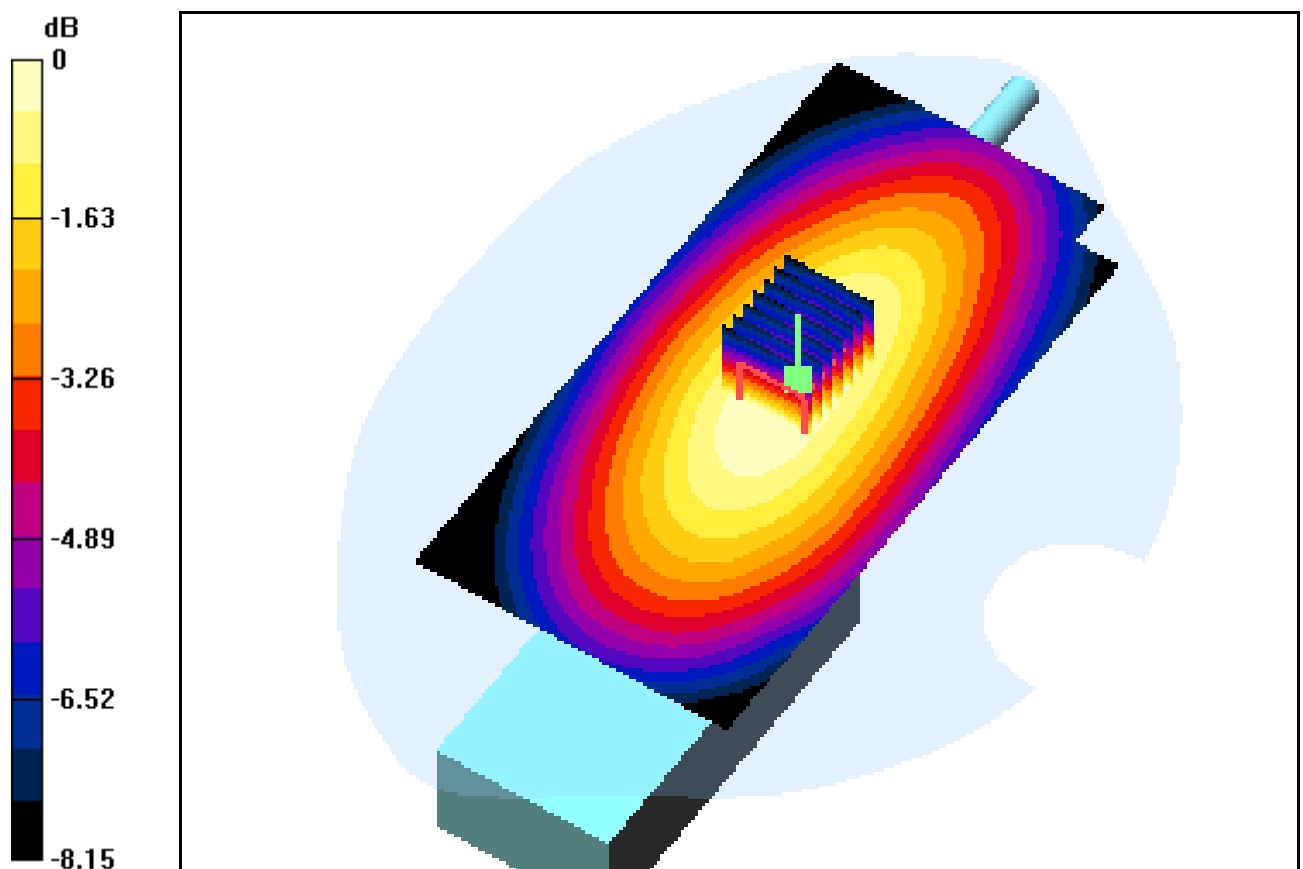
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 4W; Li-Ion Battery; Freq = 435.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.2 dB  
Peak SAR (extrapolated) = 11.4 W/kg  
**SAR(1 g) = 7.3 mW/g; SAR(10 g) = 5.23 mW/g**



0 dB = 7.6mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 43.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 4W; Li-Ion Battery; Freq = 469.95MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

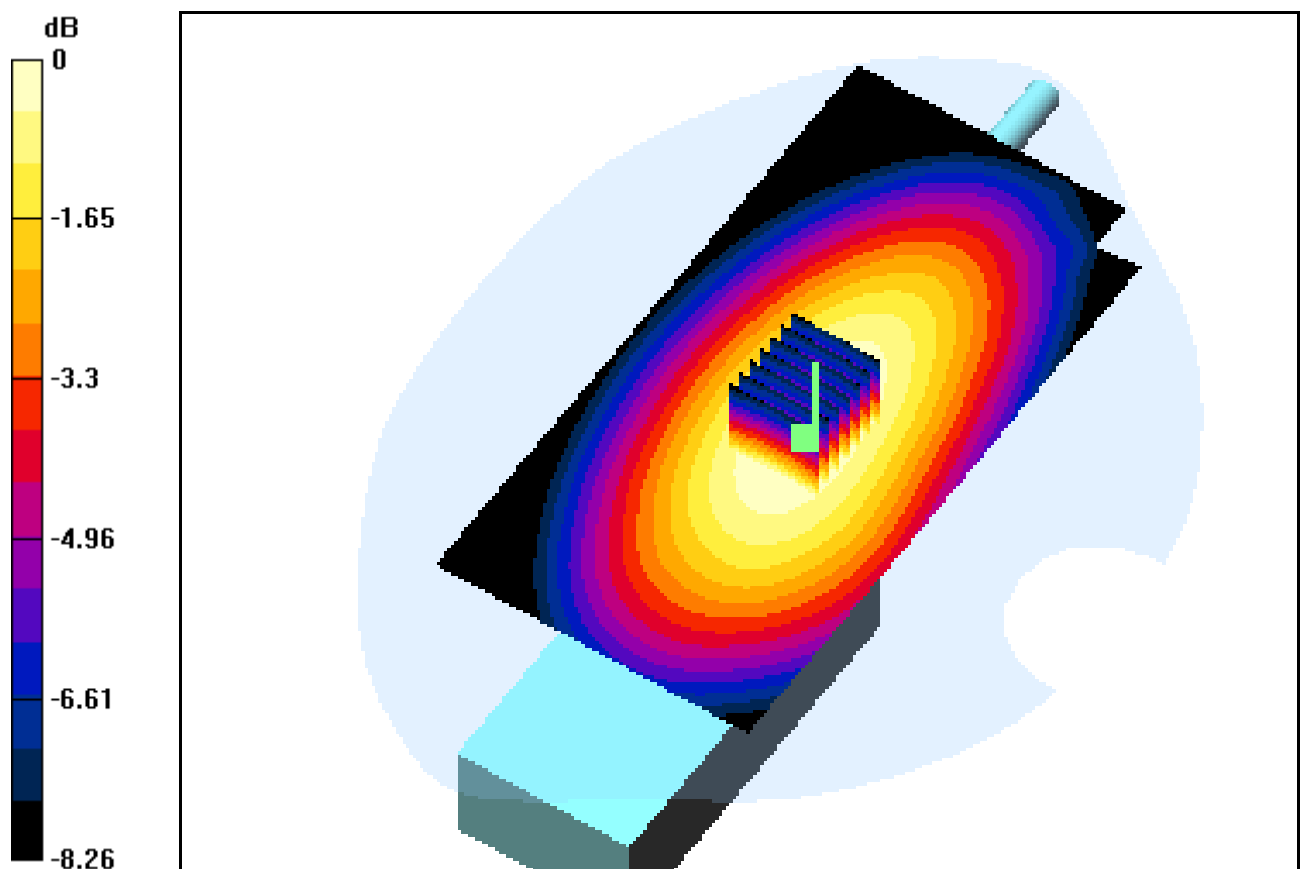
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.3 dB

Peak SAR (extrapolated) = 9.22 W/kg

**SAR(1 g) = 6.12 mW/g; SAR(10 g) = 4.37 mW/g**



# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.828$  mho/m;  $\epsilon_r = 45.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 1W; NiMH Battery; Freq = 400.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

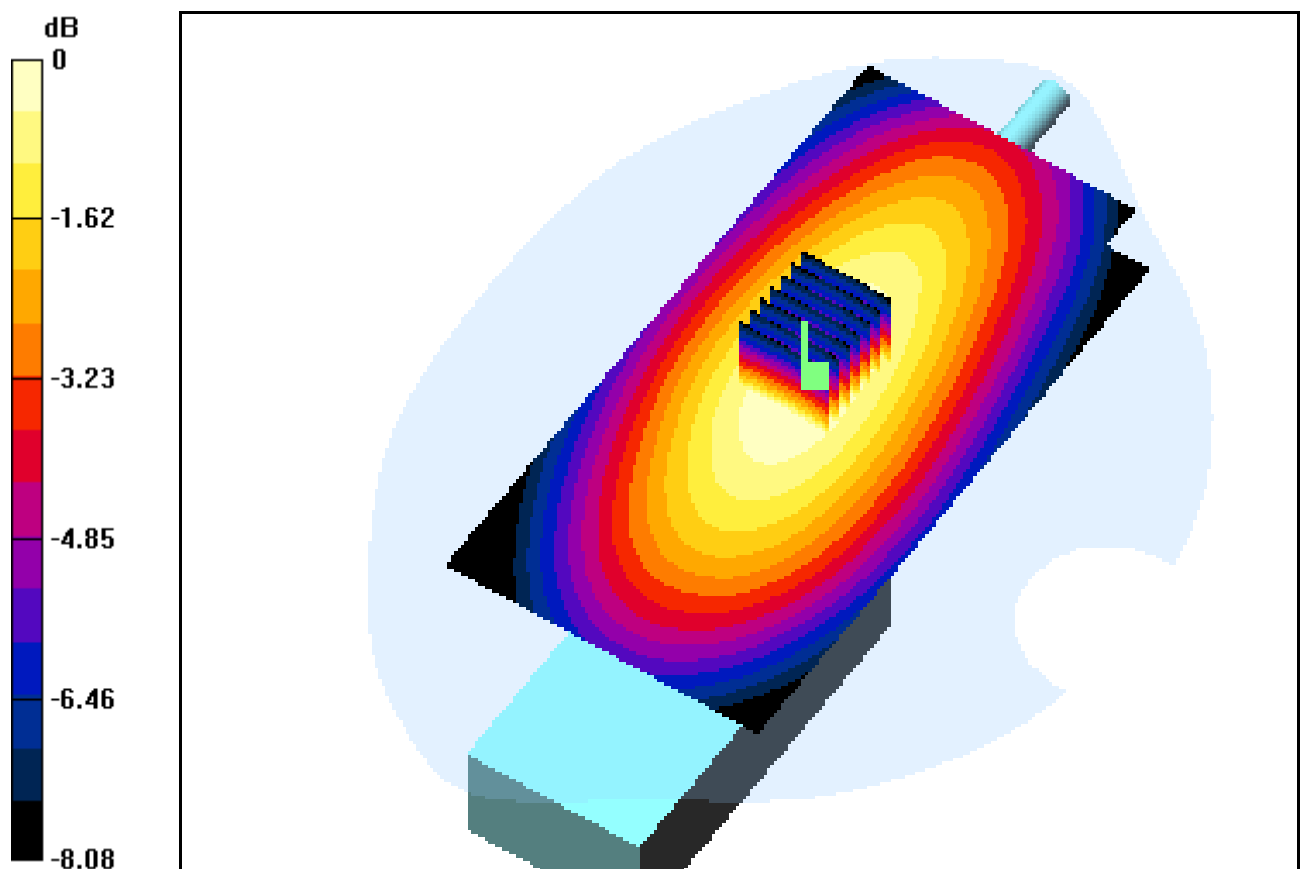
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 2.01 mW/g; SAR(10 g) = 1.44 mW/g**



0 dB = 2.1mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.839$  mho/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>; Phantom section:  
Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.7

**Conducted Power: 1W; NiMH Battery; Freq = 435.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

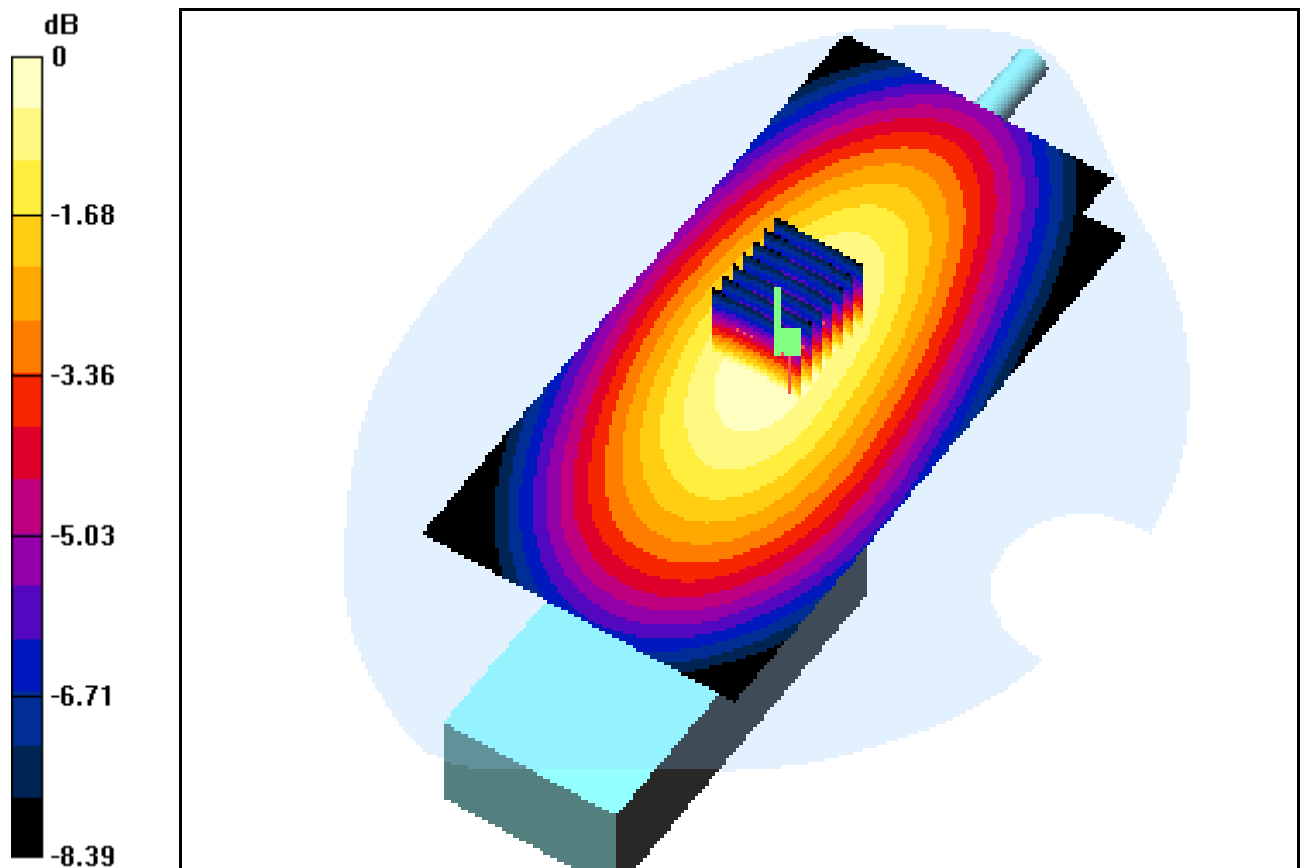
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.18 W/kg

**SAR(1 g) = 2.02 mW/g; SAR(10 g) = 1.43 mW/g**



0 dB = 2.11mW/g



# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1  
Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 43.8$ ;  $\rho = 1000$   
kg/m<sup>3</sup>; Phantom section: Flat Section

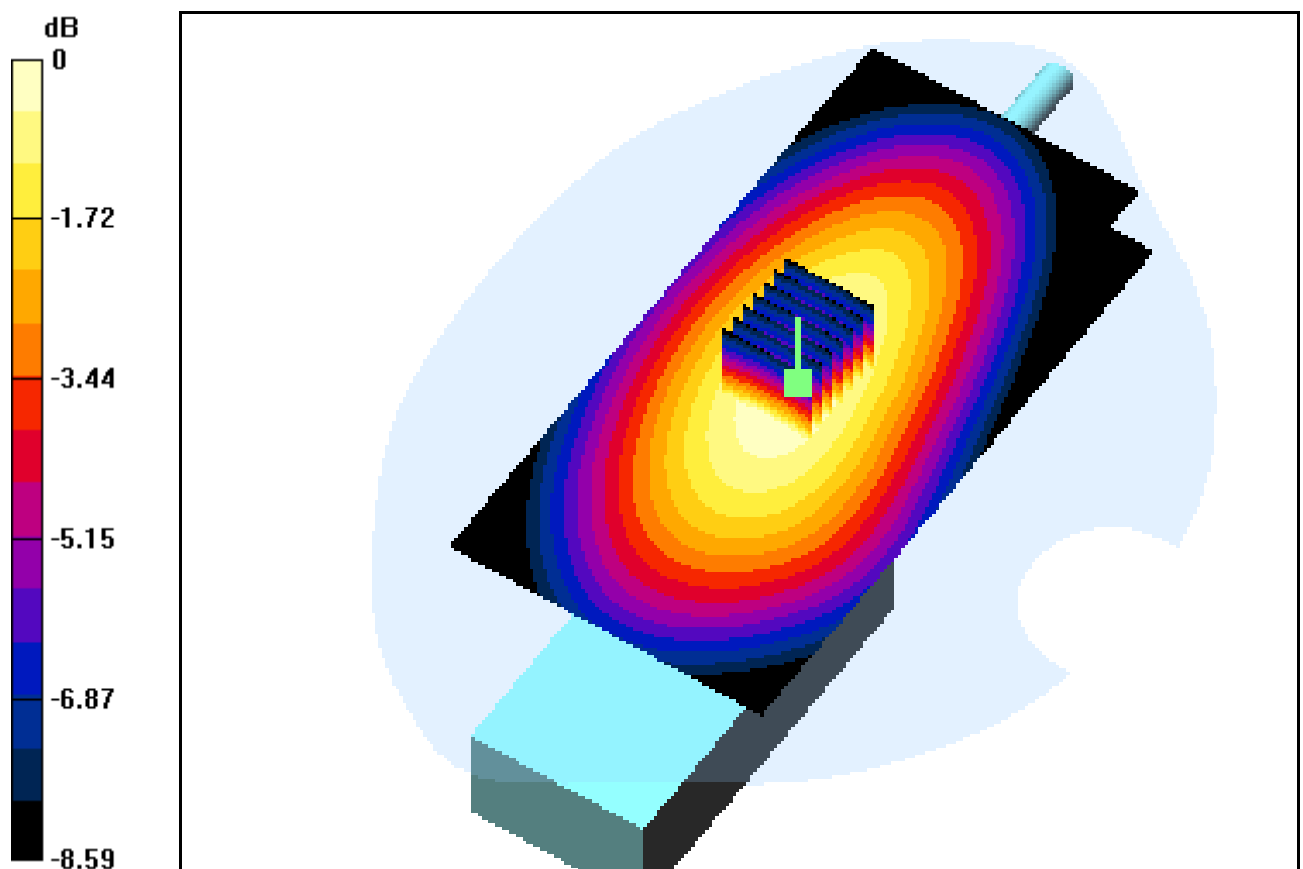
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 1W; NiMH Battery; Freq = 469.95MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 3.18 W/kg  
**SAR(1 g) = 2.02 mW/g; SAR(10 g) = 1.42 mW/g**



0 dB = 2.12mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.828$  mho/m;  $\epsilon_r = 45.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

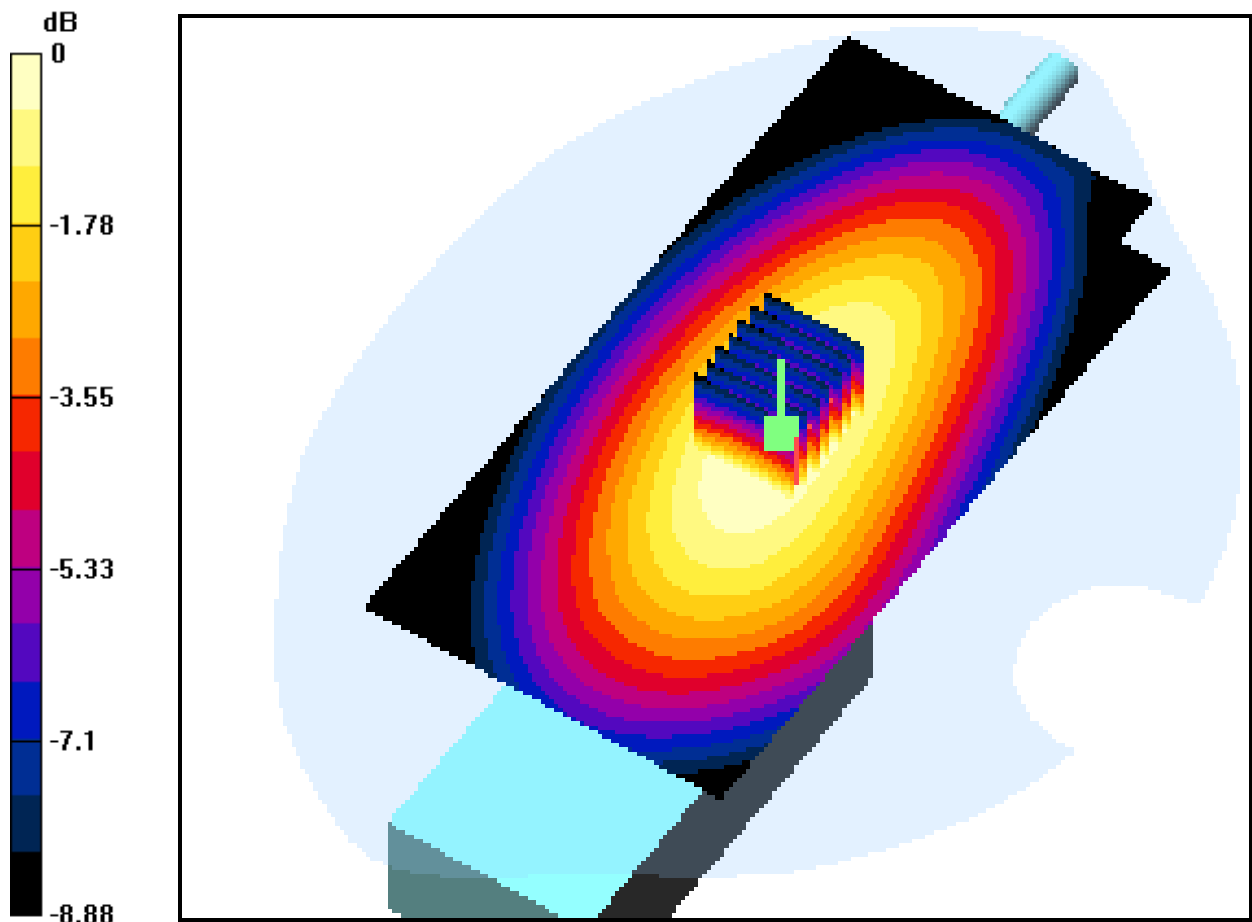
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.5

**Conducted Power: 4W; NiMH Battery; Freq = 400.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.3 dB  
Peak SAR (extrapolated) = 12.1 W/kg  
**SAR(1 g) = 7.57 mW/g; SAR(10 g) = 5.28 mW/g**



0 dB = 7.91mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.839$  mho/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

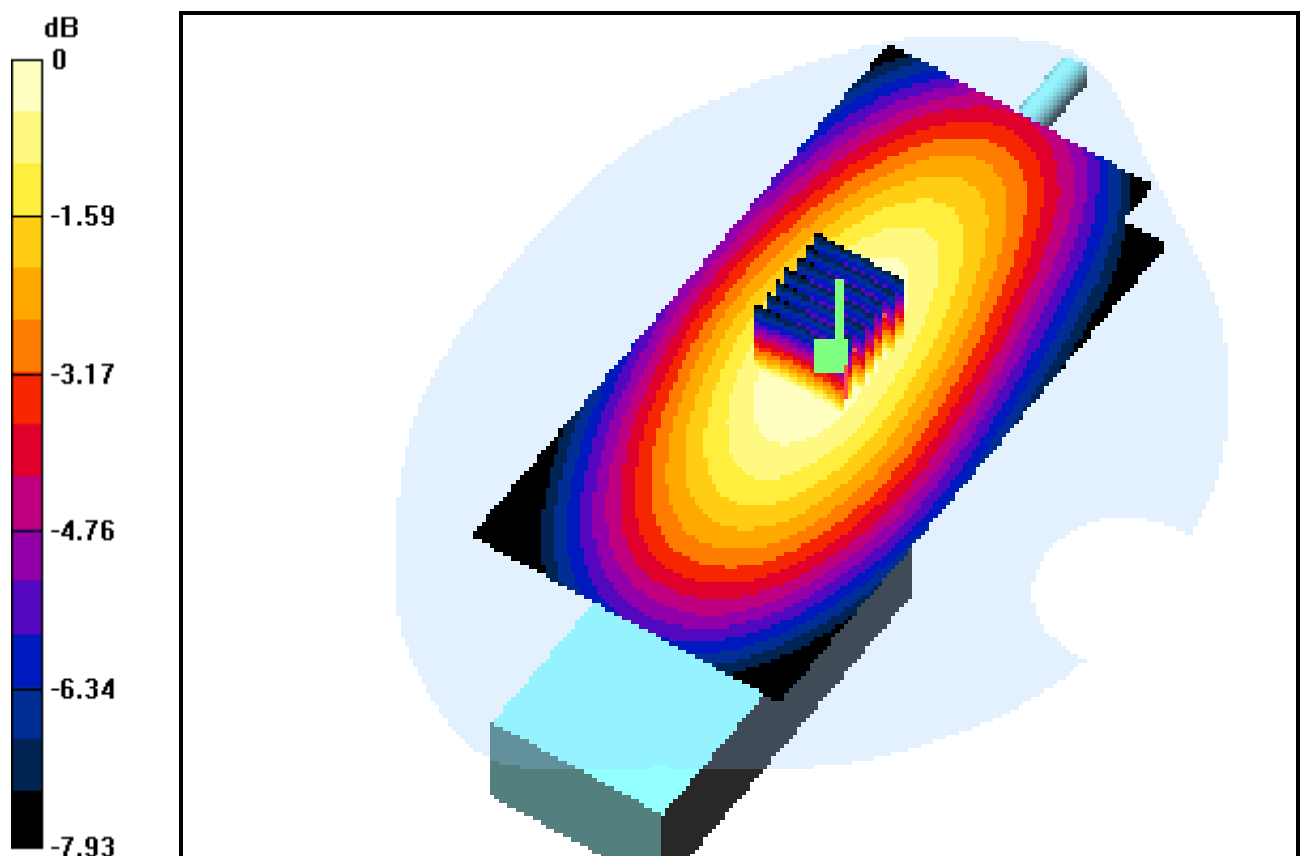
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.5

**Conducted Power: 4W; NiMH Battery; Freq = 435.05MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.3 dB  
Peak SAR (extrapolated) = 11.6 W/kg  
**SAR(1 g) = 7.43 mW/g; SAR(10 g) = 5.33 mW/g**



0 dB = 7.72mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 43.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.7, 7.7, 7.7); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-22; Ambient Temp: 23.0; Tissue Temp: 21.5

**Conducted Power: 4W; NiMH Battery; Freq = 469.95MHz;  
Spacing = 2.0 Cm from EUT(Front Side) to Flat Phantom**

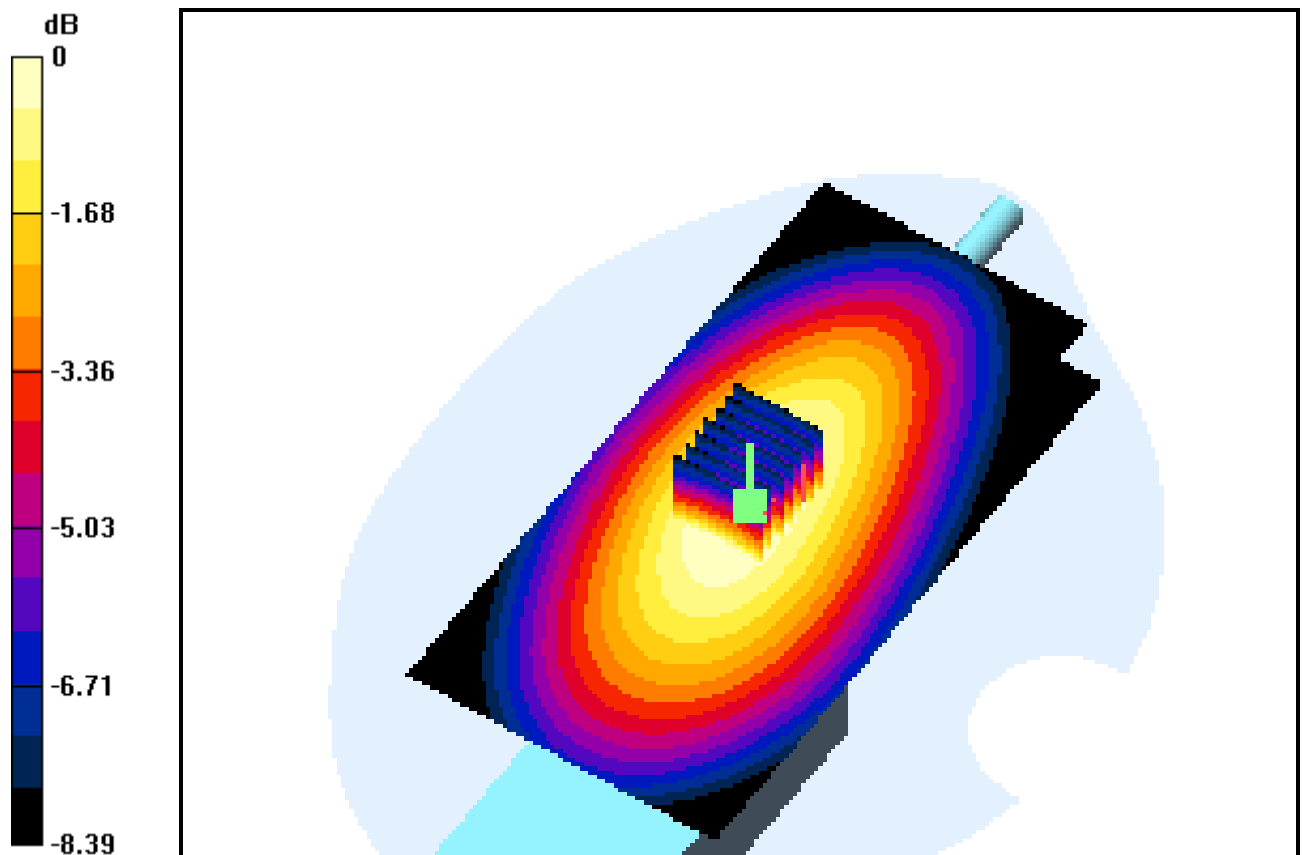
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.3 dB

Peak SAR (extrapolated) = 9.94 W/kg

**SAR(1 g) = 6.19 mW/g; SAR(10 g) = 4.38 mW/g**



0 dB = 6.49mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 59.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

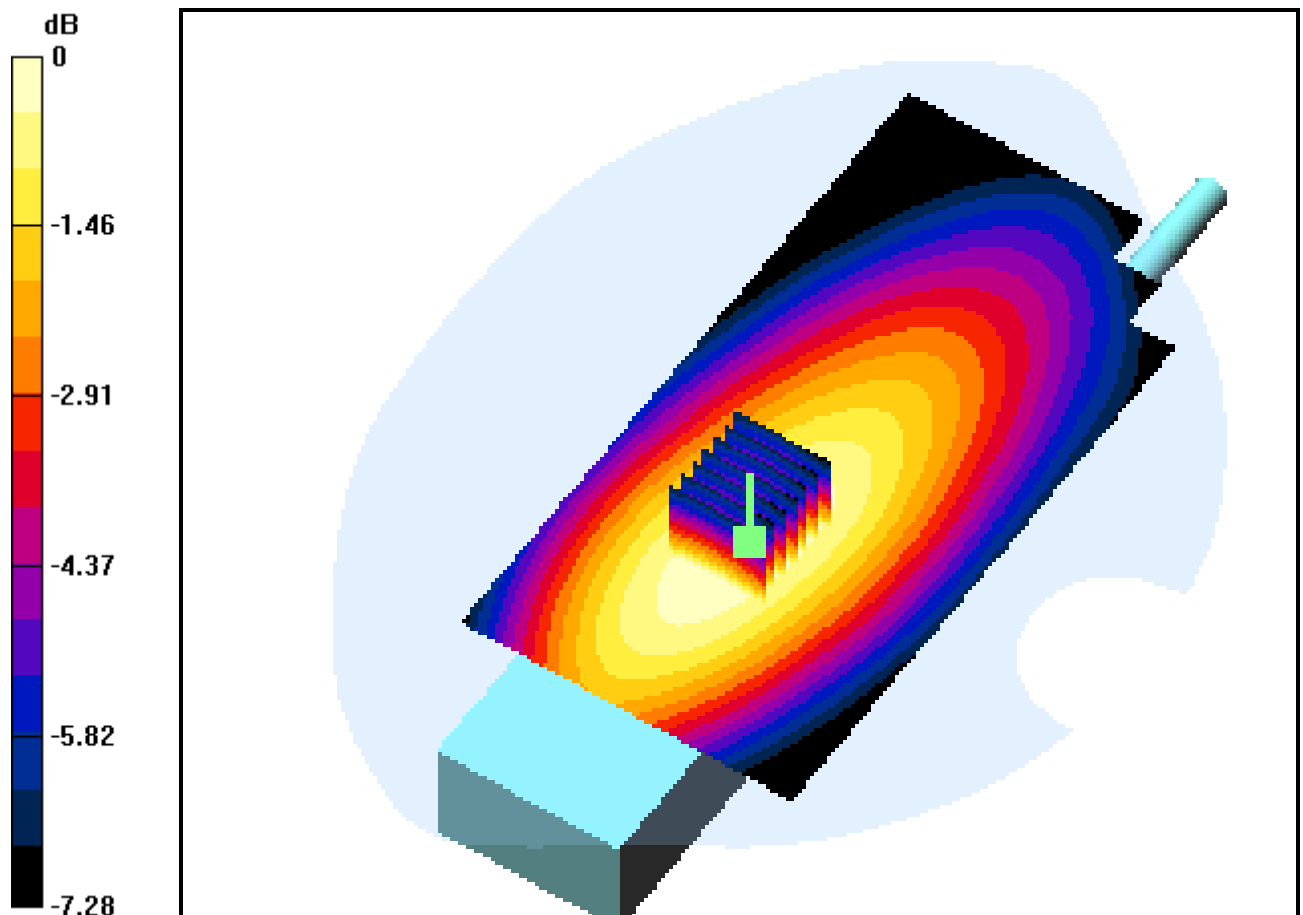
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.3

**Conducted Power: 1W; Touch position; Freq = 400.05MHz;  
Li-Ion Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 4.38 W/kg  
**SAR(1 g) = 2.93 mW/g; SAR(10 g) = 2.16 mW/g**



0 dB = 3.04mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 58.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

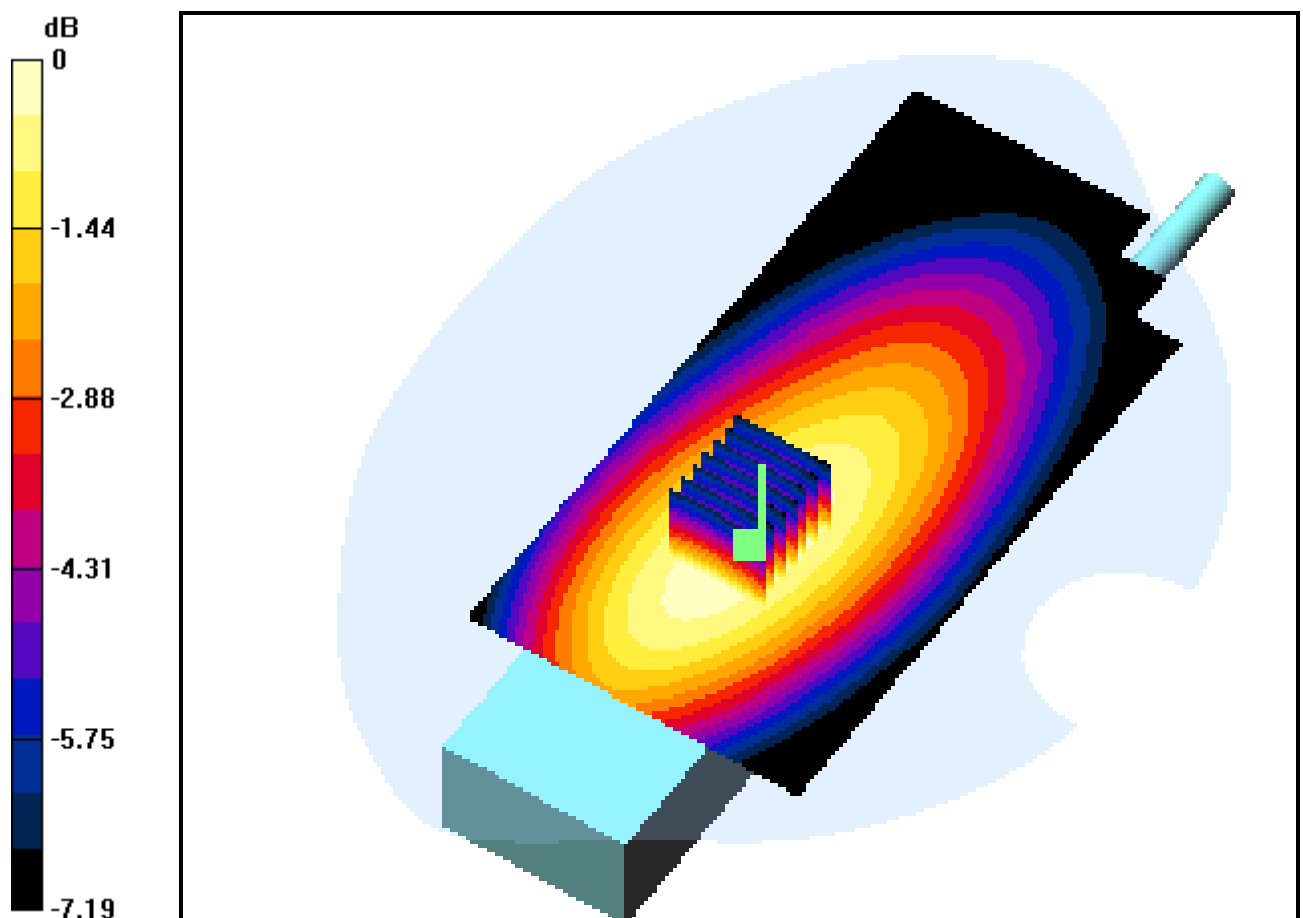
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.3

**Conducted Power: 1W; Touch position; Freq = 435.05MHz;  
Li-Ion Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.0 dB  
Peak SAR (extrapolated) = 4 W/kg  
**SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.98 mW/g**



0 dB = 2.78mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 57.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.3

**Conducted Power: 1W; Touch position; Freq = 469.95MHz;  
Li-Ion Battery**

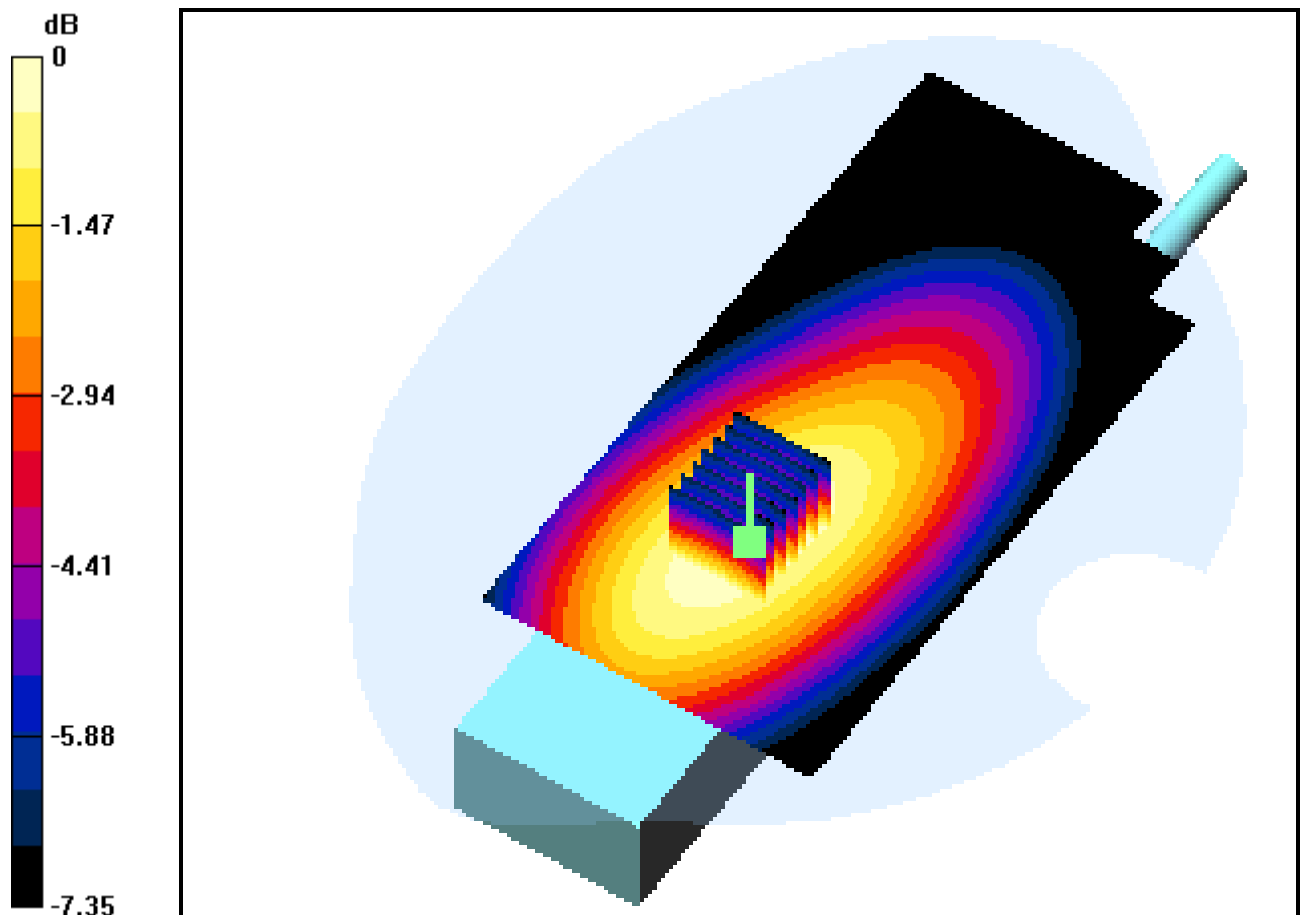
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.1 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 1.59 mW/g; SAR(10 g) = 1.19 mW/g**



0 dB = 1.67mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 59.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

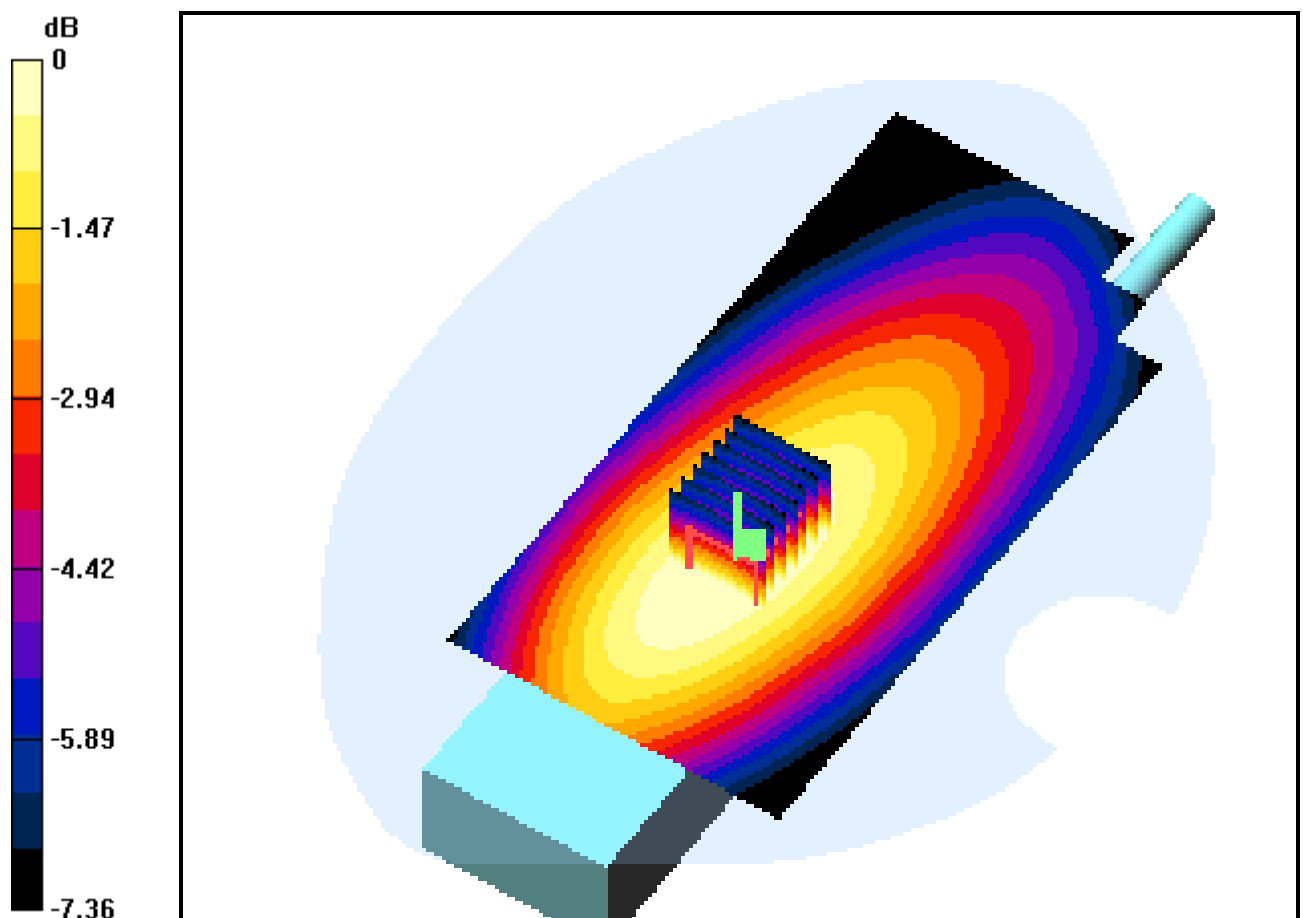
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.3

**Conducted Power: 4W; Touch position; Freq = 400.05MHz;  
Li-Ion Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 10.9 W/kg  
**SAR(1 g) = 7.33 mW/g; SAR(10 g) = 5.4 mW/g**





# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 58.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

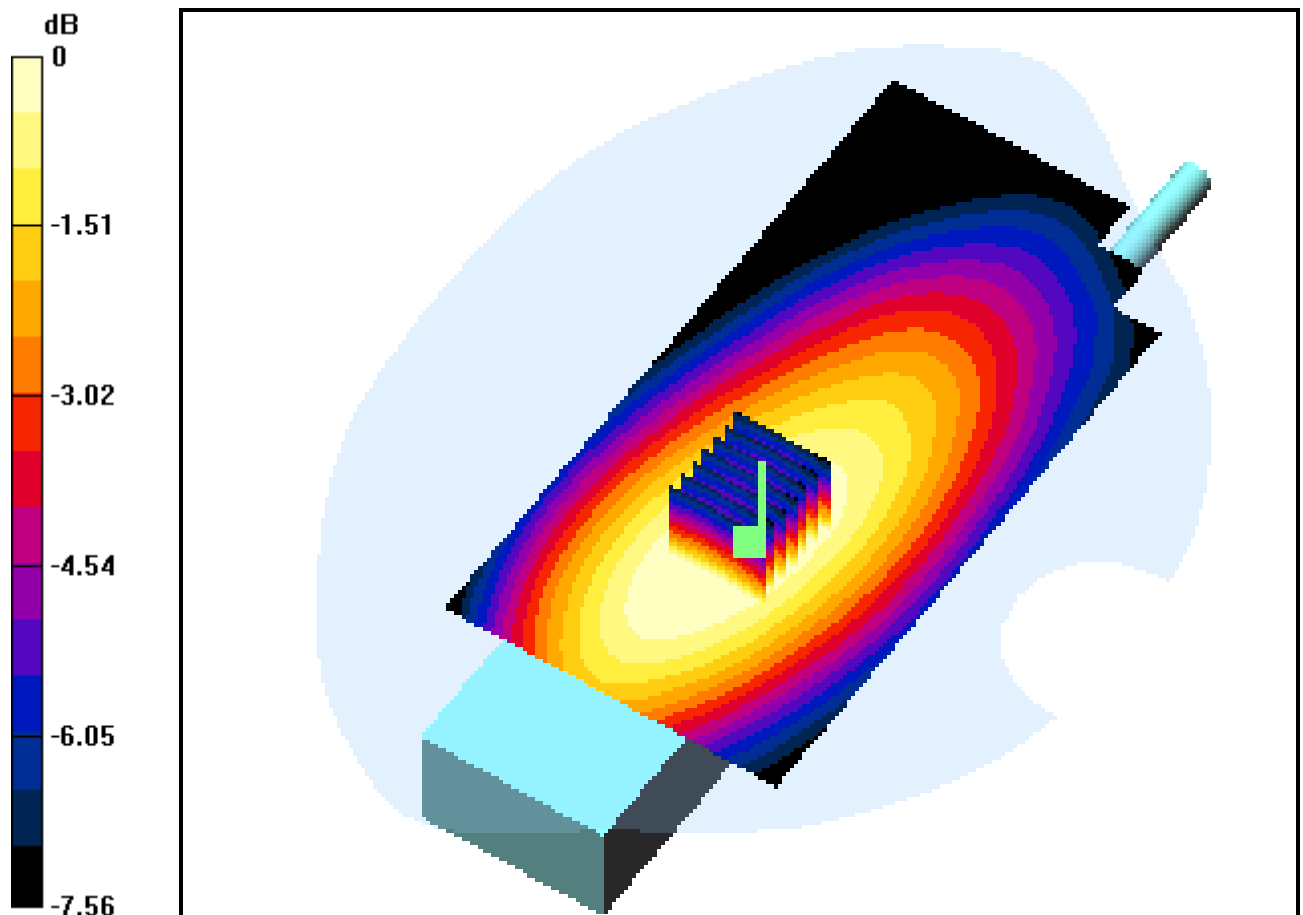
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.4

**Conducted Power: 4W; Touch position; Freq = 435.05MHz;  
Li-Ion Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.26 dB  
Peak SAR (extrapolated) = 10.3 W/kg  
**SAR(1 g) = 6.83 mW/g; SAR(10 g) = 5.01 mW/g**



0 dB = 7.15mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 57.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.3

**Conducted Power: 4W; Touch position; Freq = 469.95MHz;  
Li-Ion Battery**

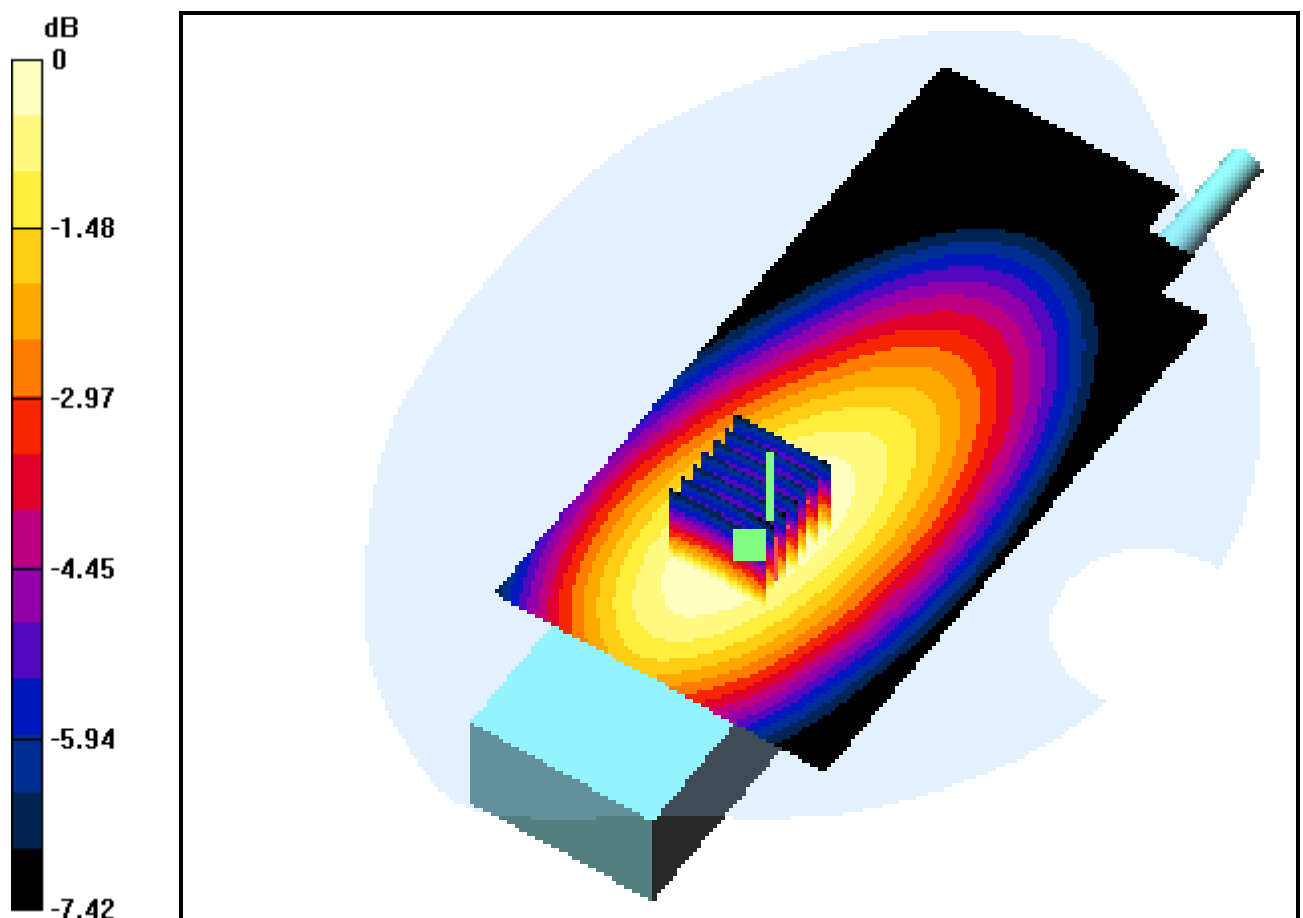
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.3 dB

Peak SAR (extrapolated) = 8.02 W/kg

**SAR(1 g) = 5.49 mW/g; SAR(10 g) = 4.08 mW/g**



0 dB = 5.72mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 59.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

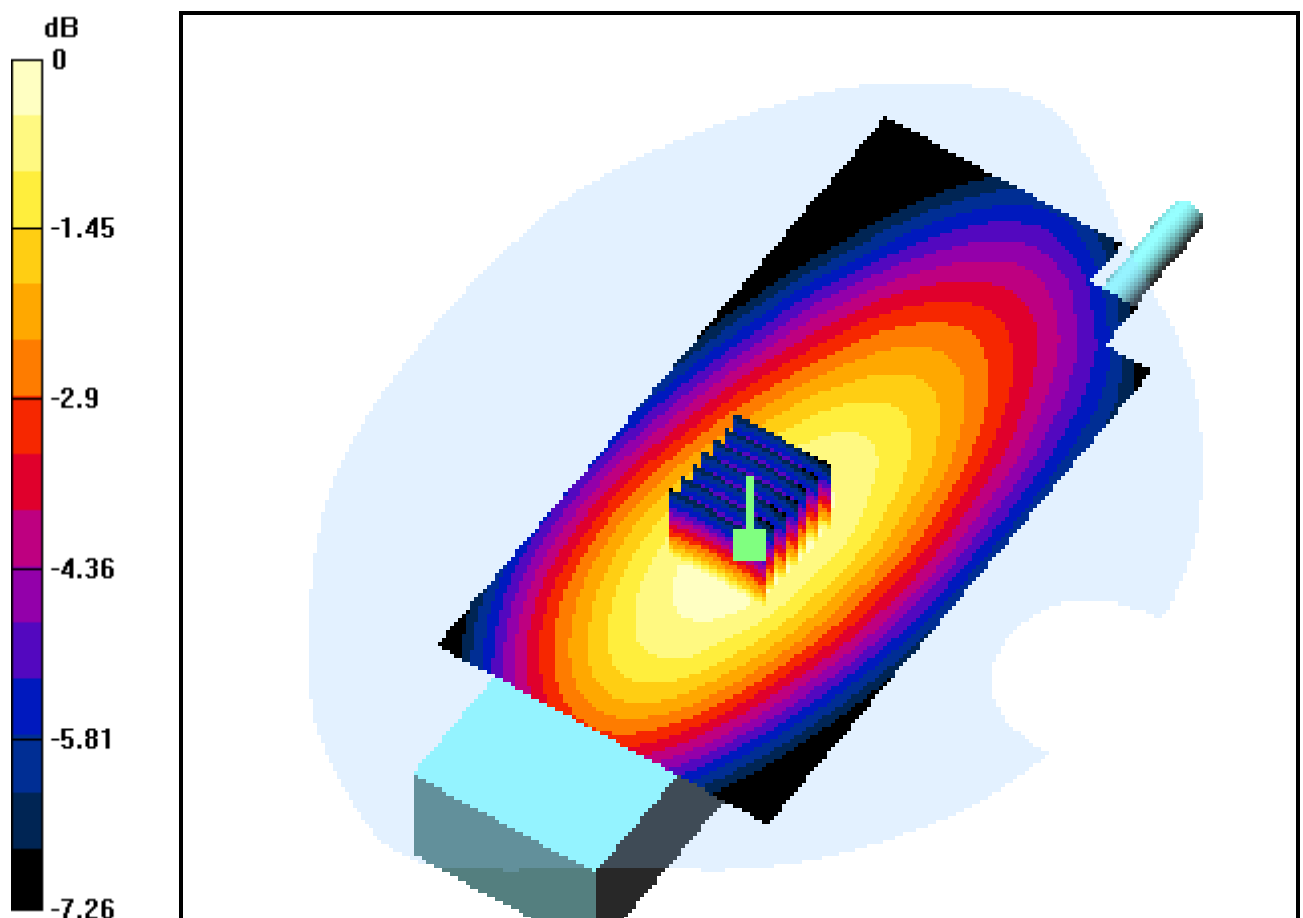
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.5

**Conducted Power: 1W; Touch position; Freq = 400.05MHz;  
NiMH Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 3.48 W/kg  
**SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.74 mW/g**



0 dB = 2.45mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 58.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

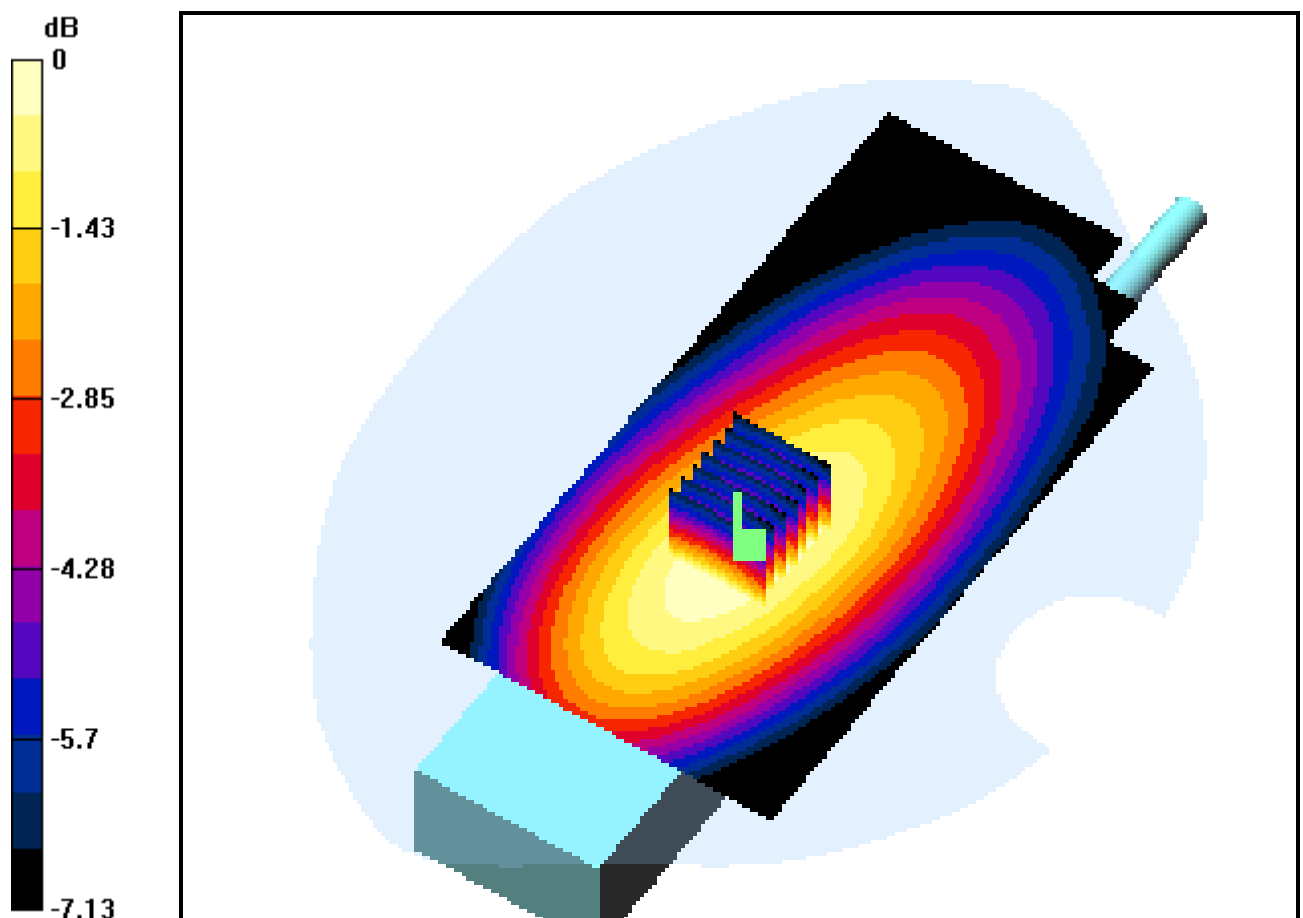
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.5

**Conducted Power: 1W; Touch position; Freq = 435.05MHz;  
NiMH Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 3.5 W/kg  
**SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.75 mW/g**



0 dB = 2.45mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 57.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 1W; Touch position; Freq = 469.95MHz;  
NiMH Battery**

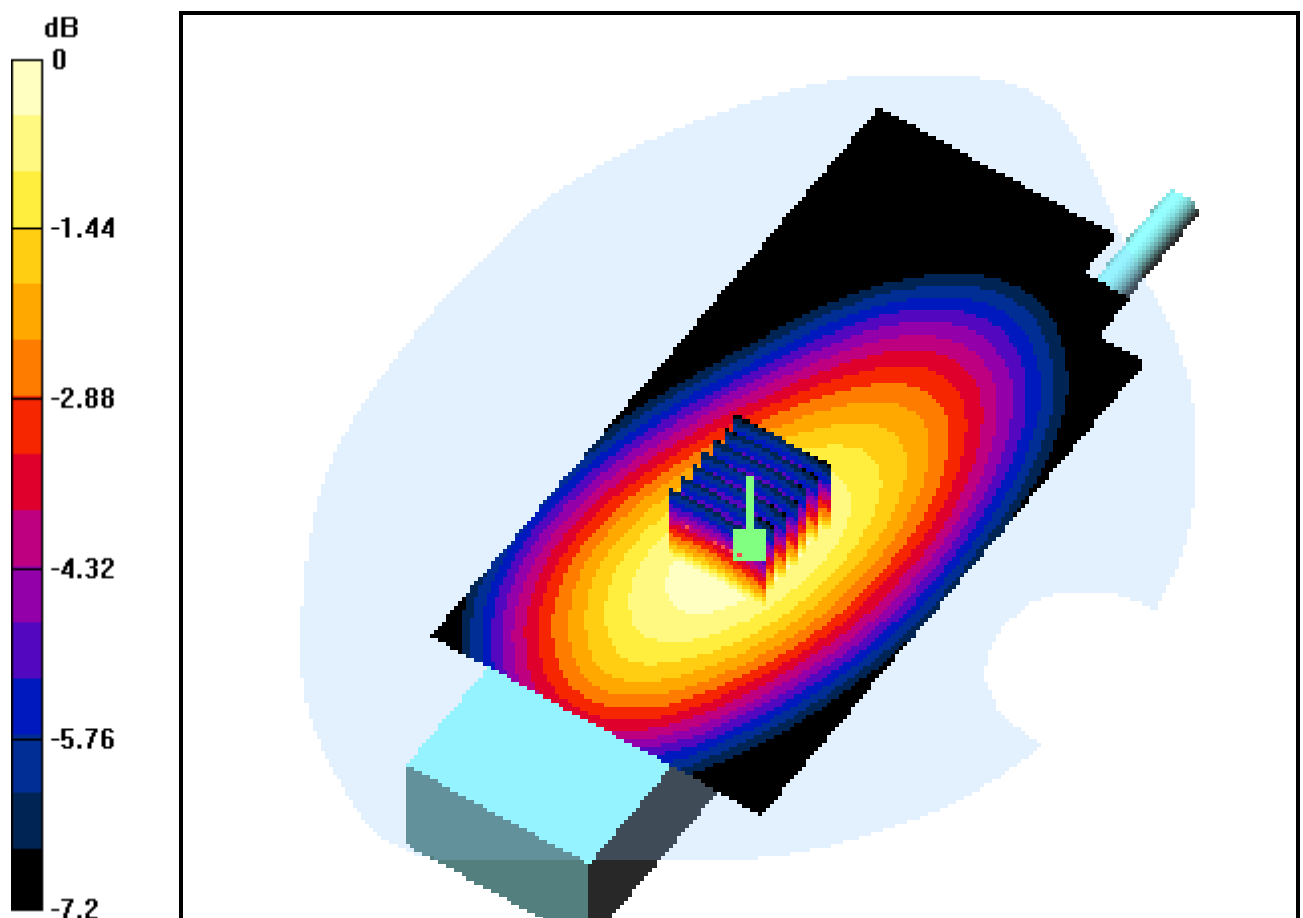
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.1 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.58 mW/g; SAR(10 g) = 1.16 mW/g**



0 dB = 1.64mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 400.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 400.05$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 59.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

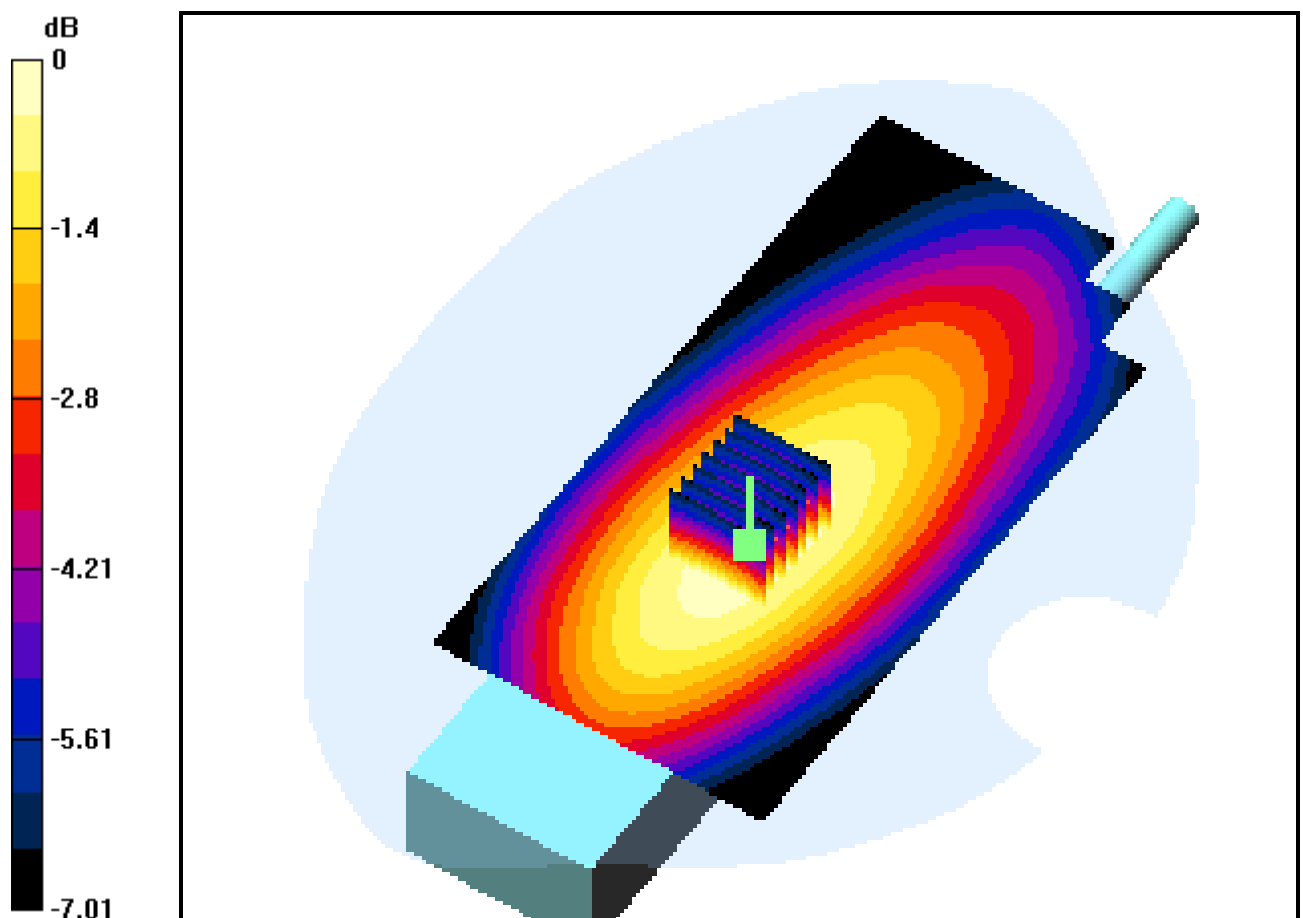
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 4W; Touch position; Freq = 400.05MHz;  
NiMH Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.2 dB  
Peak SAR (extrapolated) = 10.4 W/kg  
**SAR(1 g) = 7.14 mW/g; SAR(10 g) = 5.33 mW/g**



0 dB = 7.44mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 435.05 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 435.05$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 58.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

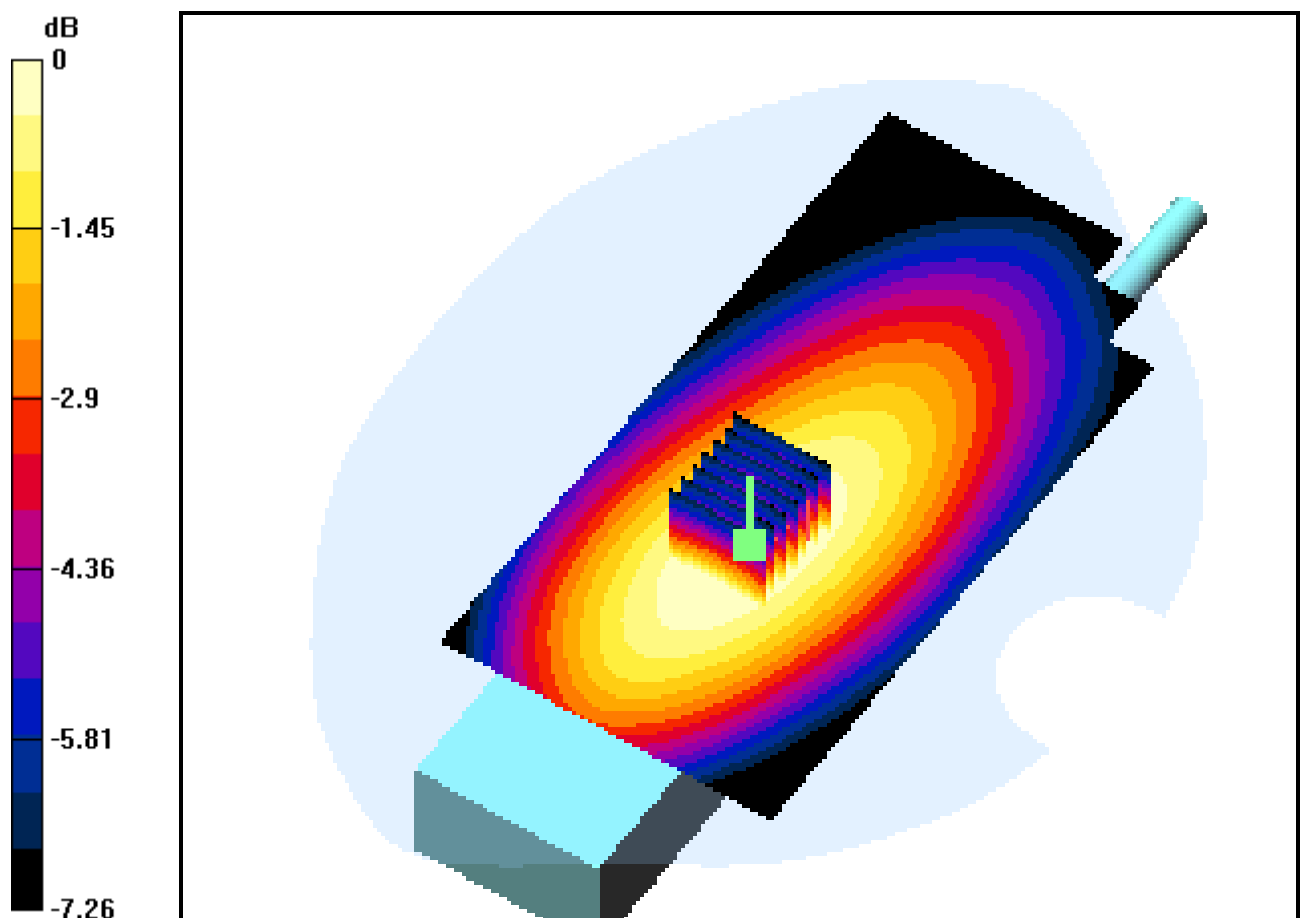
## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 4W; Touch position; Freq = 435.05MHz;  
NiMH Battery**

**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 9.79 W/kg  
**SAR(1 g) = 6.57 mW/g; SAR(10 g) = 4.85 mW/g**



0 dB = 6.87mW/g

# DIGITAL EMC CO., LTD

**DUT: PK-400N; Type: FM; Serial: SAR #1**

Communication System: 400 Band; Frequency: 469.95 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 469.95$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 57.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1702; ConvF(7.6, 7.6, 7.6); Calibrated: 2004-02-17; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Test Date: 2004-12-23; Ambient Temp: 23.0; Tissue Temp: 21.6

**Conducted Power: 4W; Touch position; Freq = 469.95MHz;  
NiMH Battery**

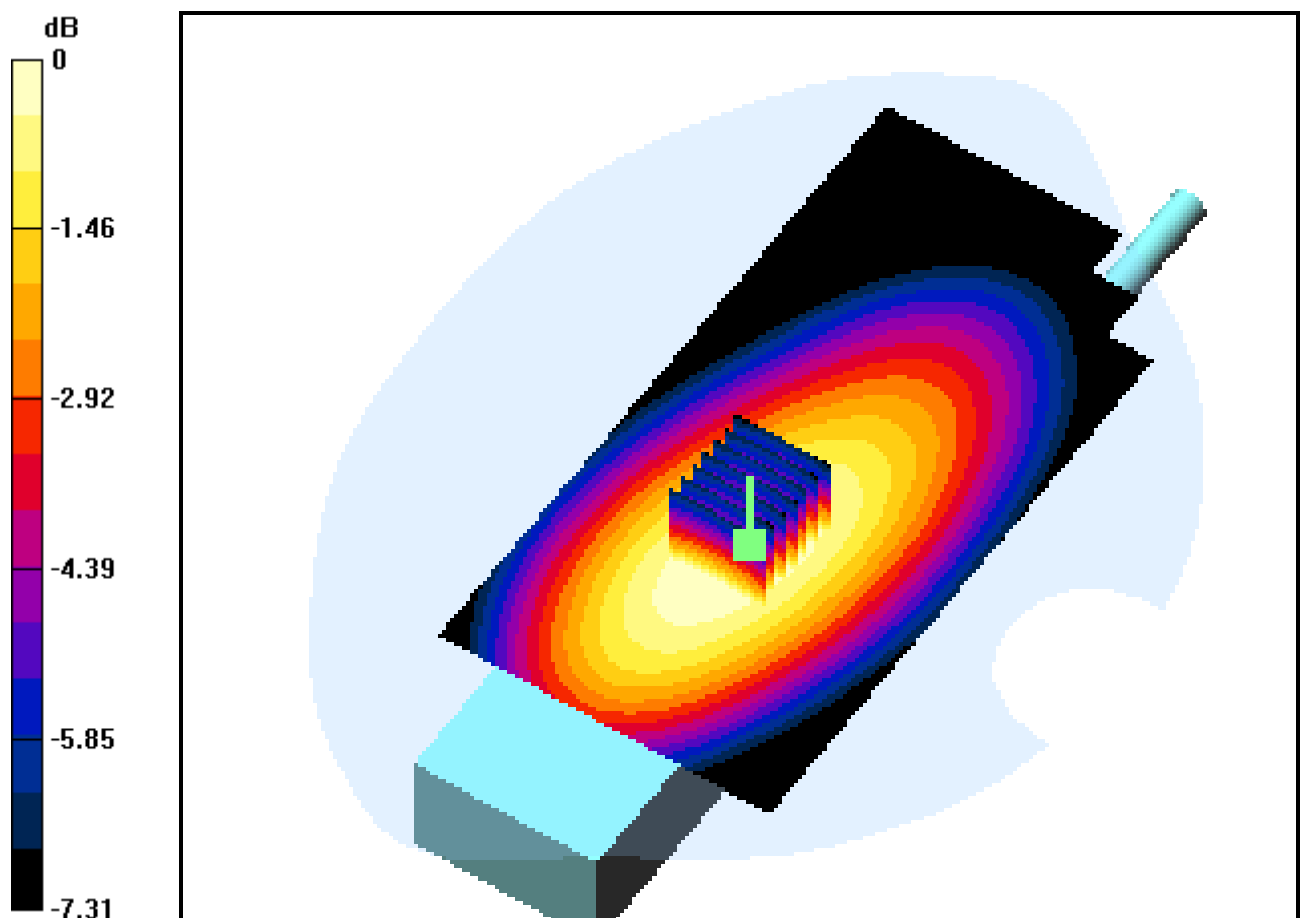
**Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.3 dB

Peak SAR (extrapolated) = 8.76 W/kg

**SAR(1 g) = 5.9 mW/g; SAR(10 g) = 4.34 mW/g**



0 dB = 6.14mW/g