

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.904 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.49, 6.49, 6.49); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

Dipole Validation

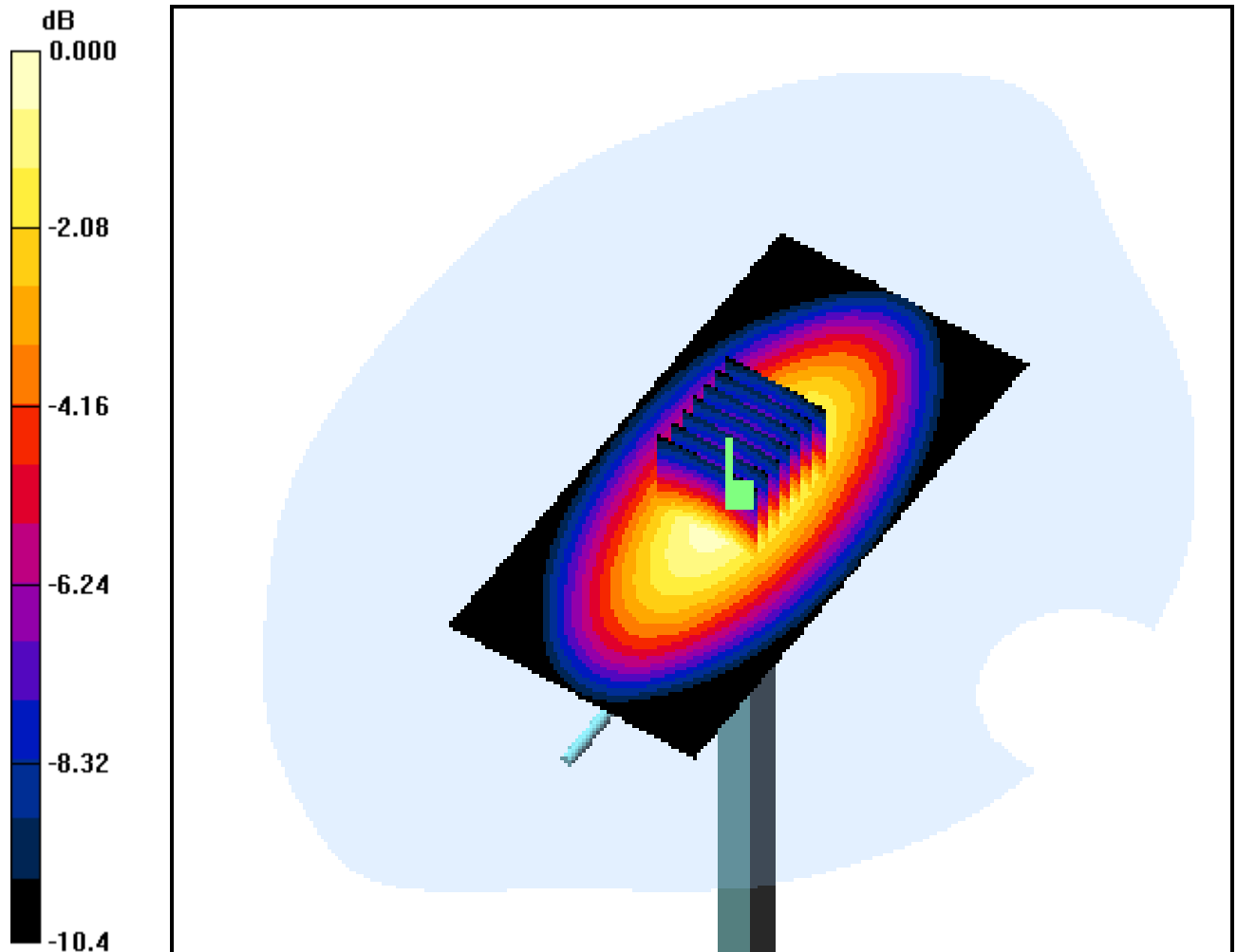
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.009 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.57 mW/g



0 dB = 2.59mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.19, 5.19, 5.19); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

Dipole Validation

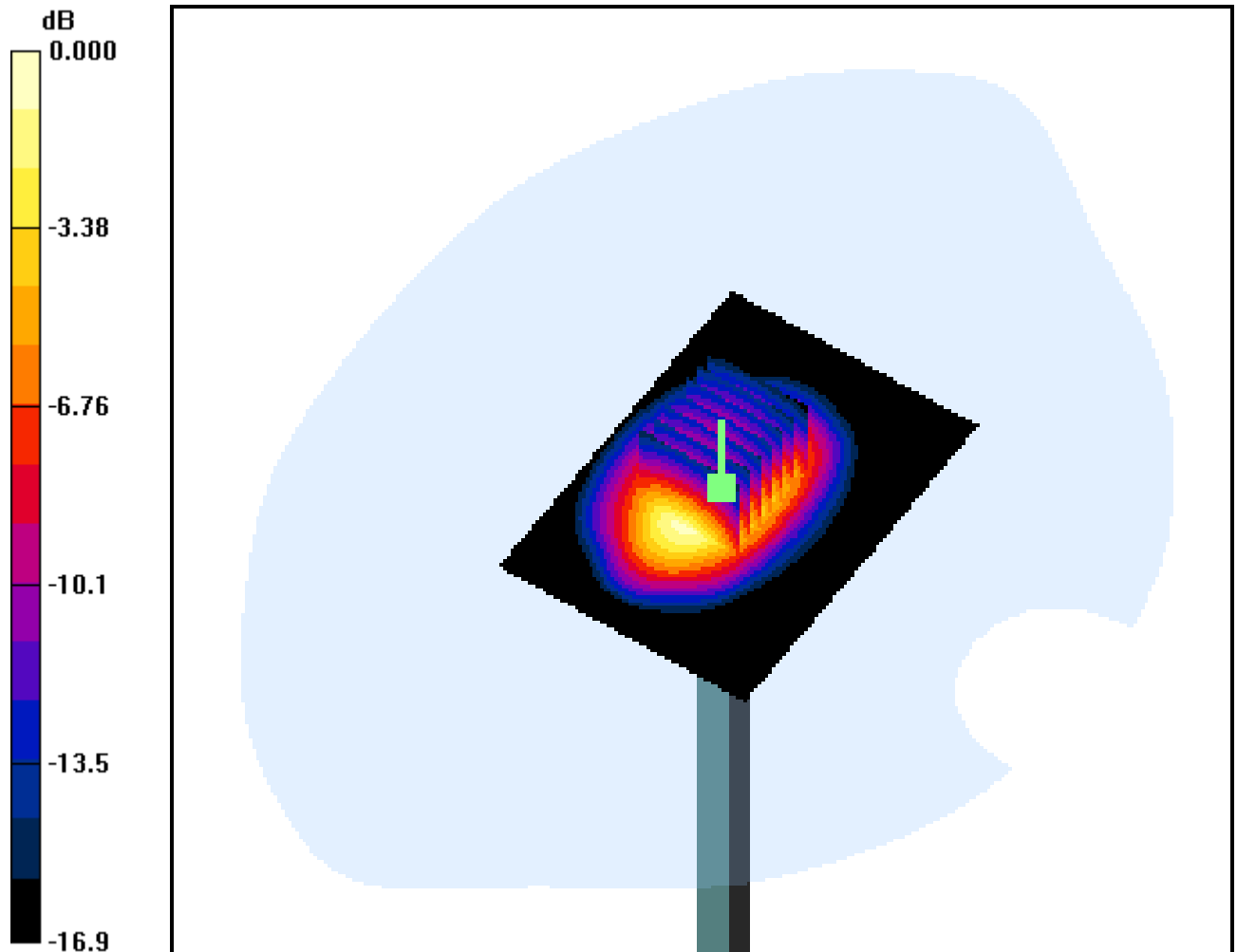
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.038 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.44 mW/g



0 dB = 11.3mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.49, 6.49, 6.49); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

Dipole Validation

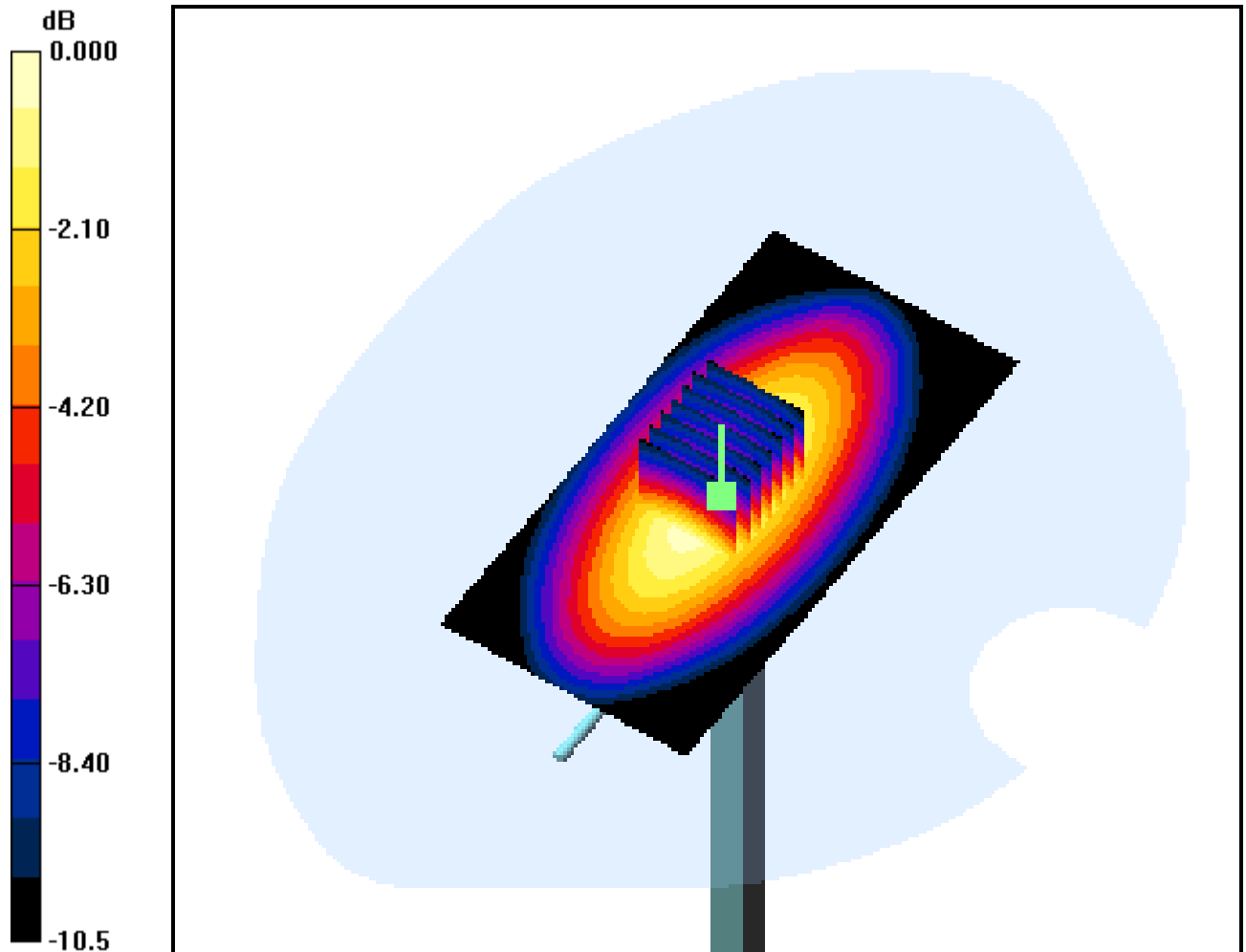
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.004 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.6 mW/g



0 dB = 2.65mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.19, 5.19, 5.19); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

Dipole Validation

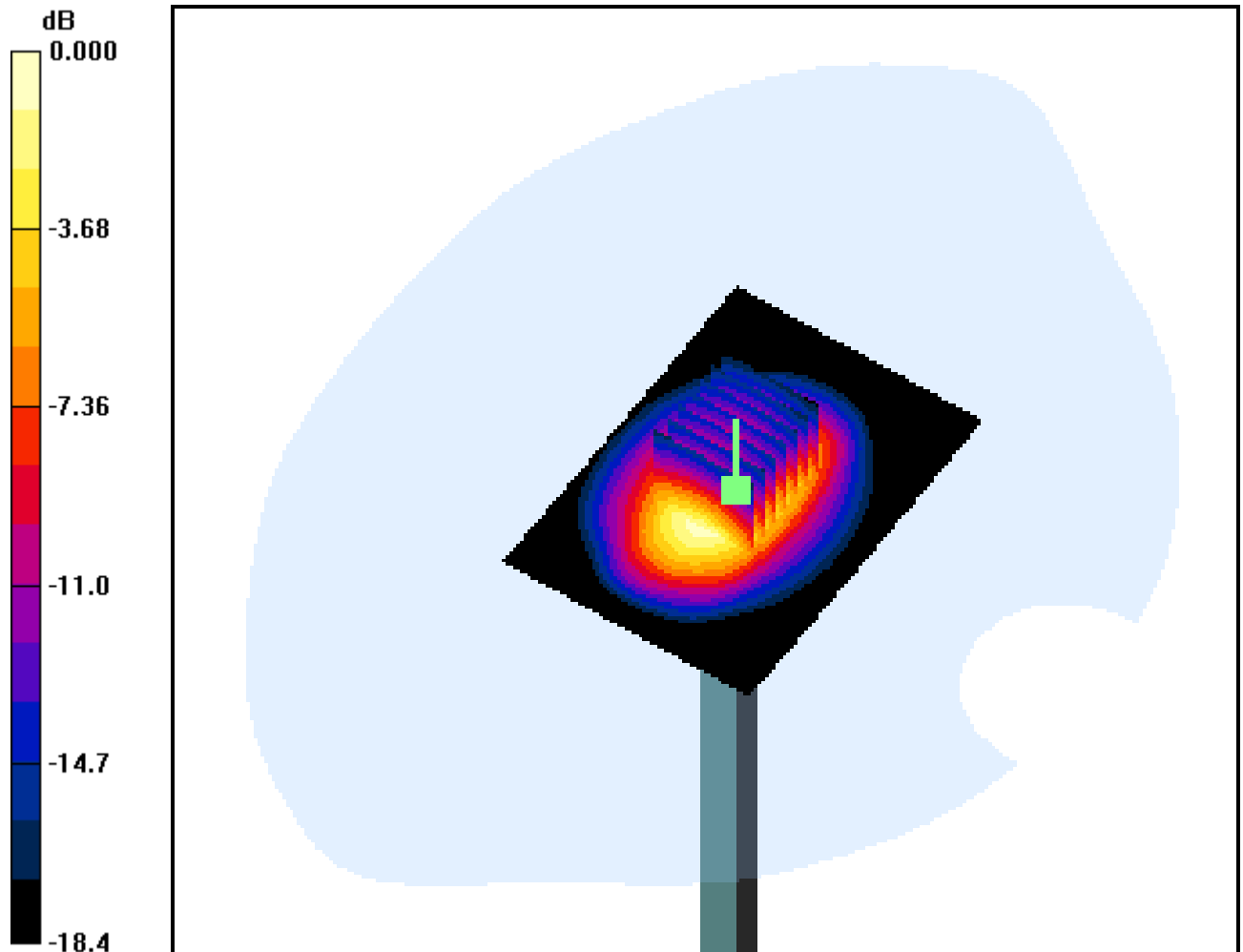
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.023 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 9.58 mW/g; SAR(10 g) = 5.02 mW/g



0 dB = 10.8mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.927 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.49, 6.49, 6.49); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-29; Ambient Temp: 21.0; Tissue Temp: 21.2

Dipole Validation

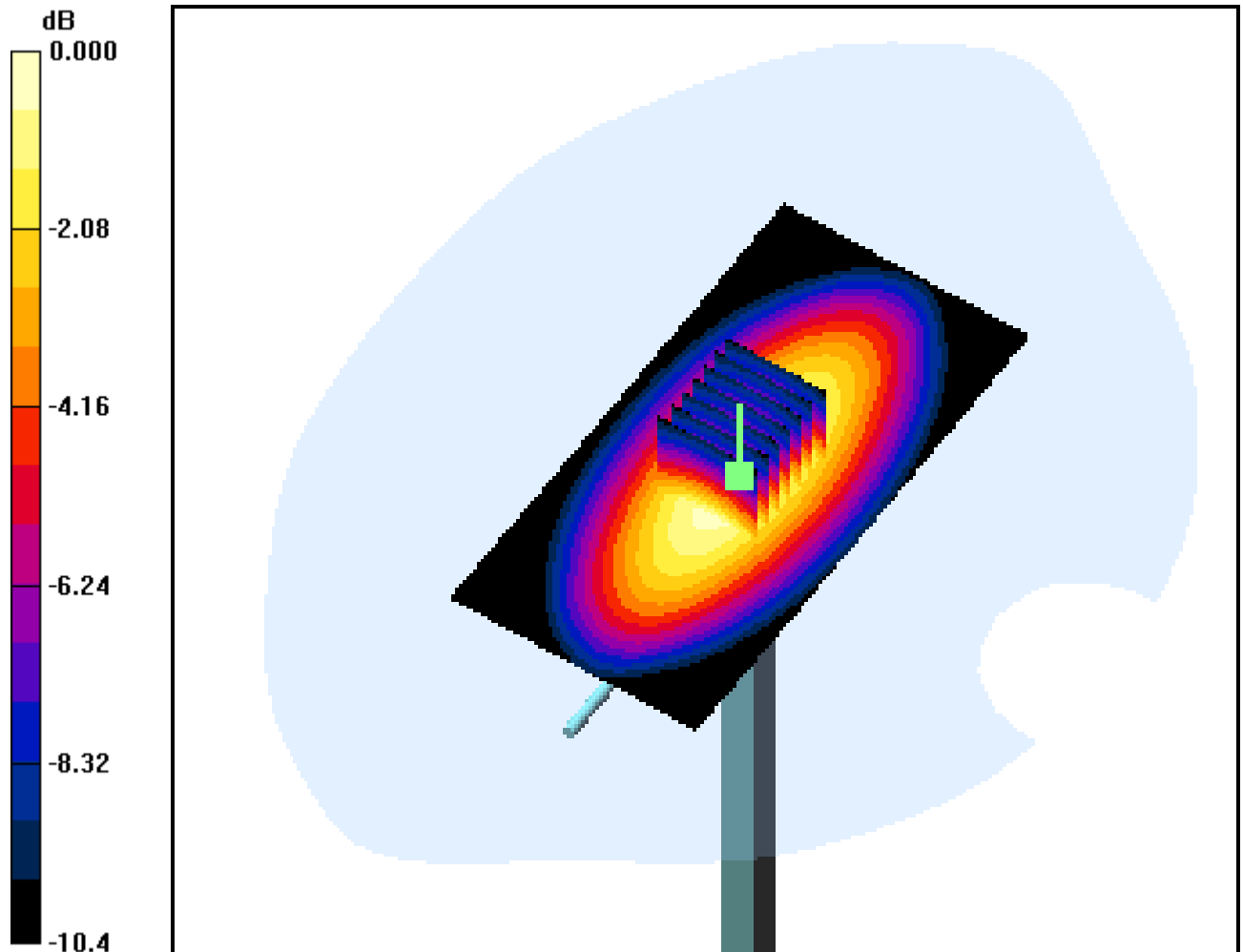
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.035 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.56 mW/g



0 dB = 2.59mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.19, 5.19, 5.19); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-30; Ambient Temp: 21.5; Tissue Temp: 21.3

Dipole Validation

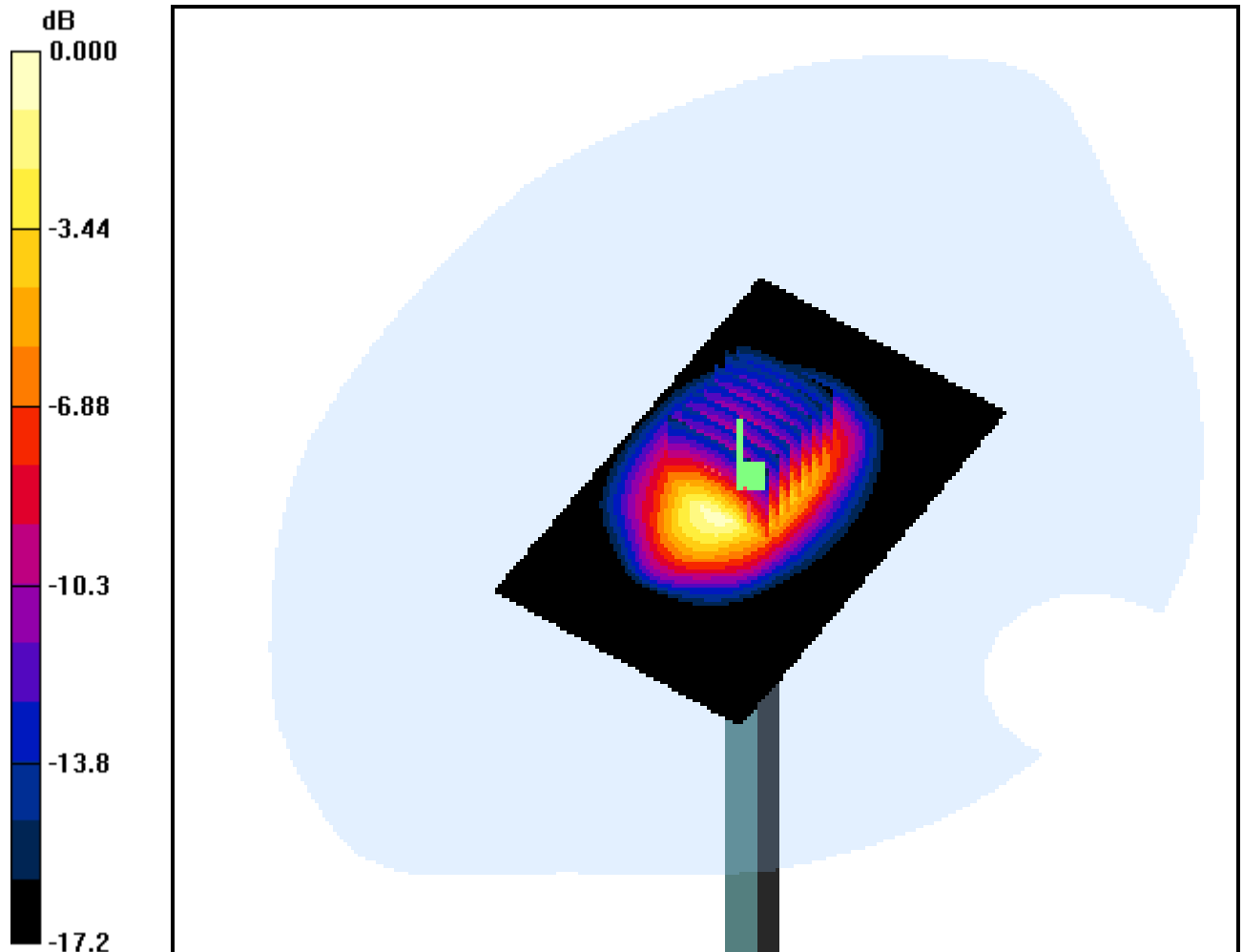
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.010 dB

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 9.64 mW/g; SAR(10 g) = 5.16 mW/g



0 dB = 10.9mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, GSM850 Ch.128, Ant Internal, GPRS Class 12 Mode

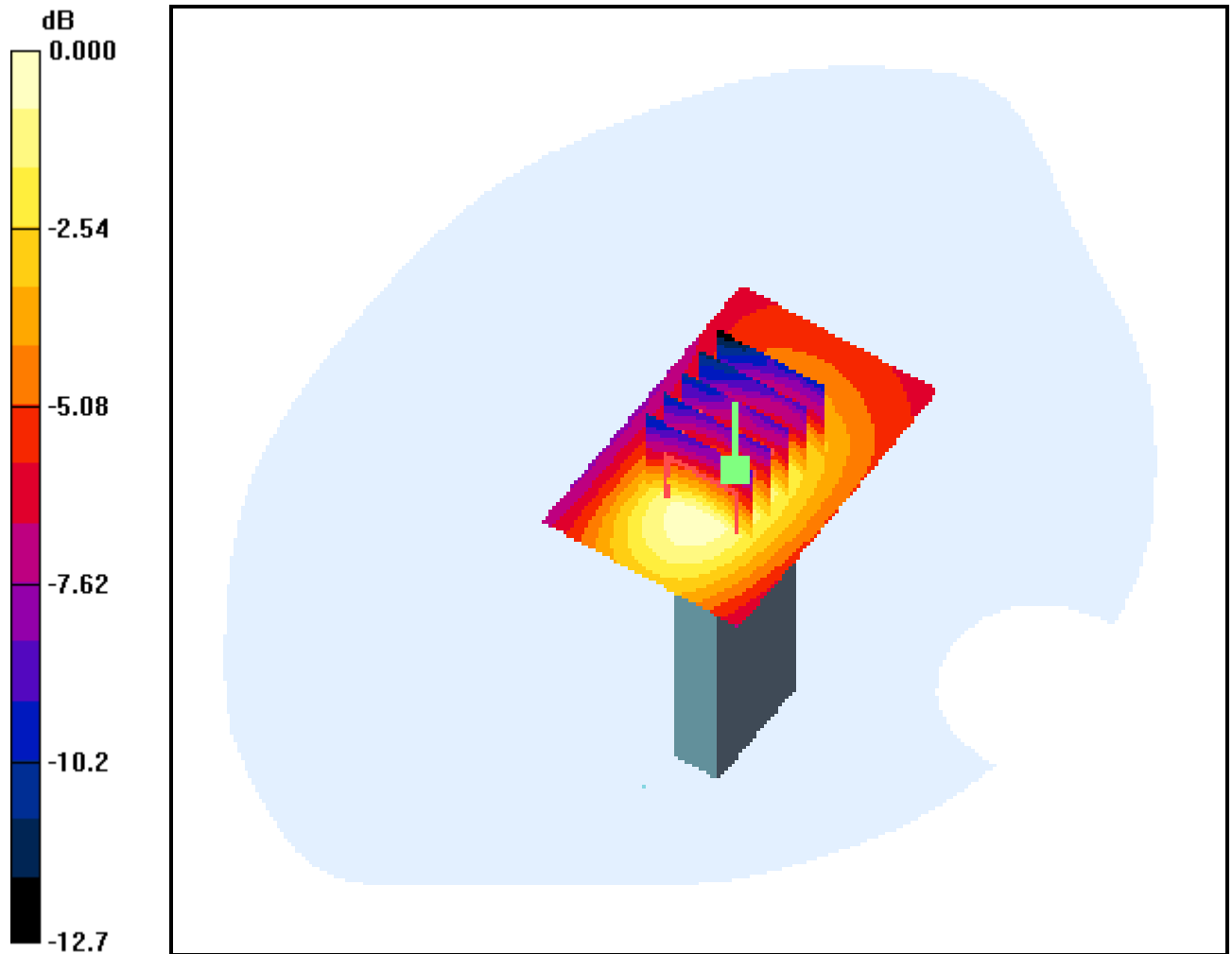
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.066 mW/g



0 dB = 0.110mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, GSM850 Ch.190, Ant Internal, GPRS Class 12 Mode

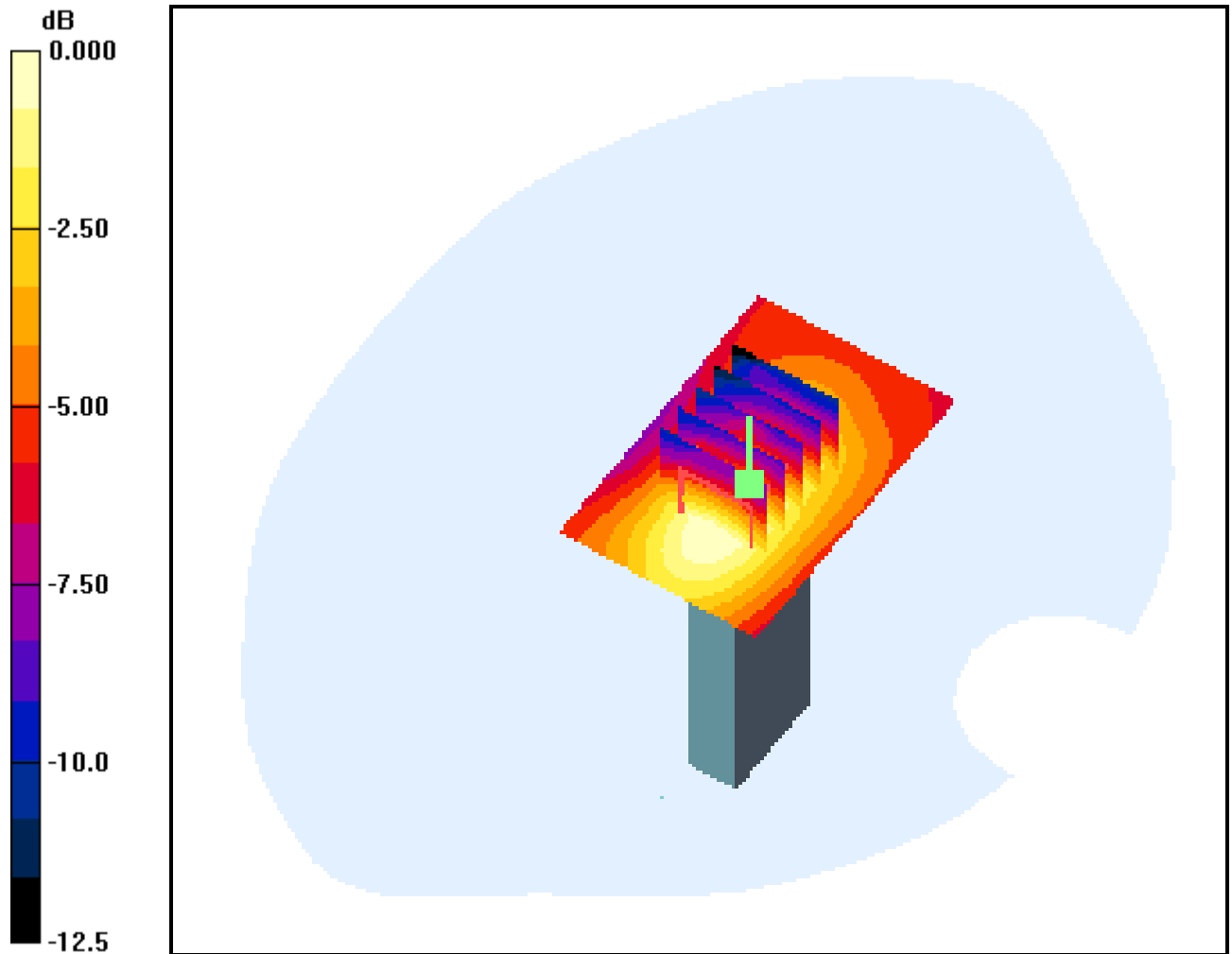
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.072 mW/g



0 dB = 0.118mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, GSM850 Ch.251, Ant Internal, GPRS Class 12 Mode

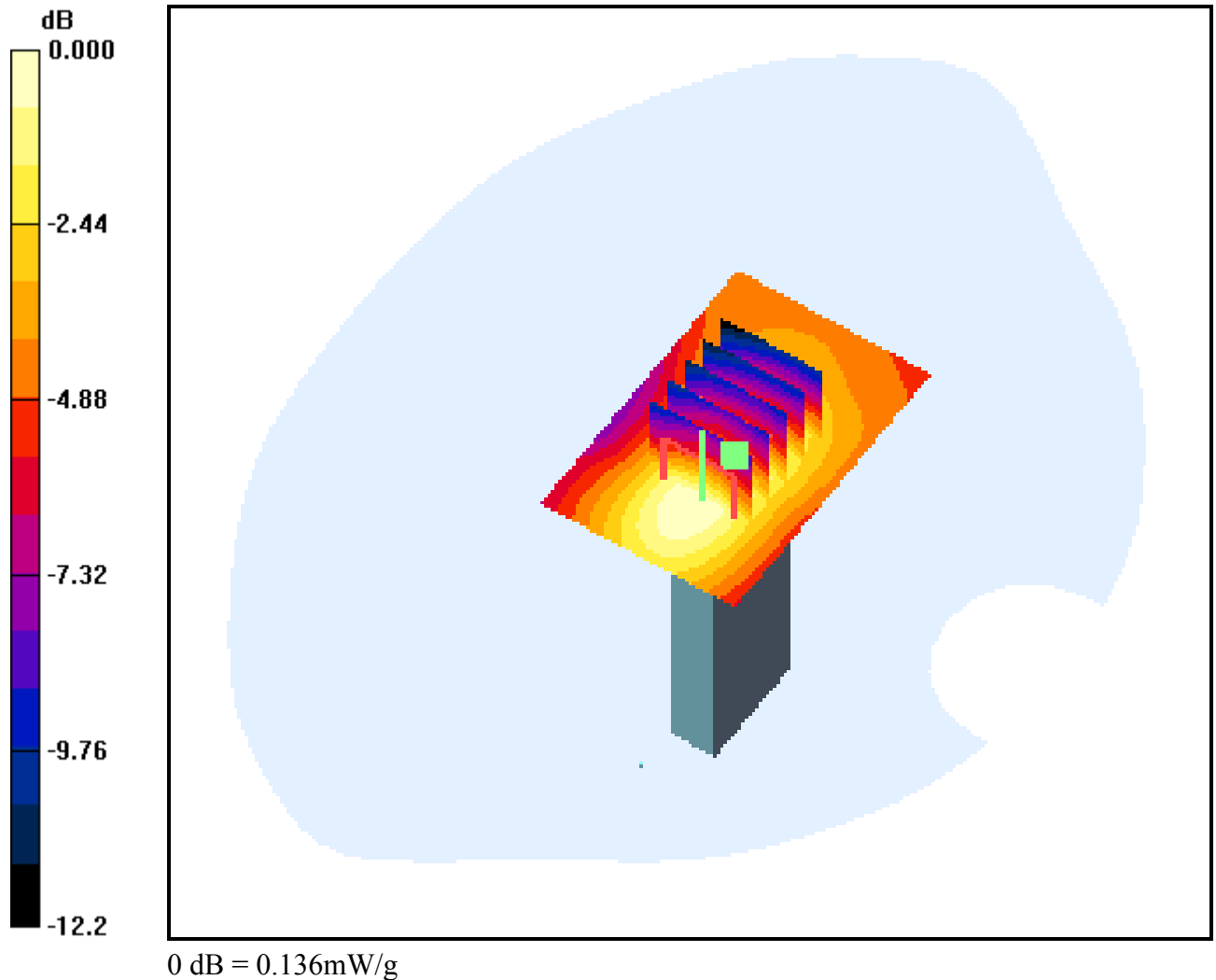
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.083 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, GSM850 Ch.251, Ant Internal, EGPRS Class 12 Mode

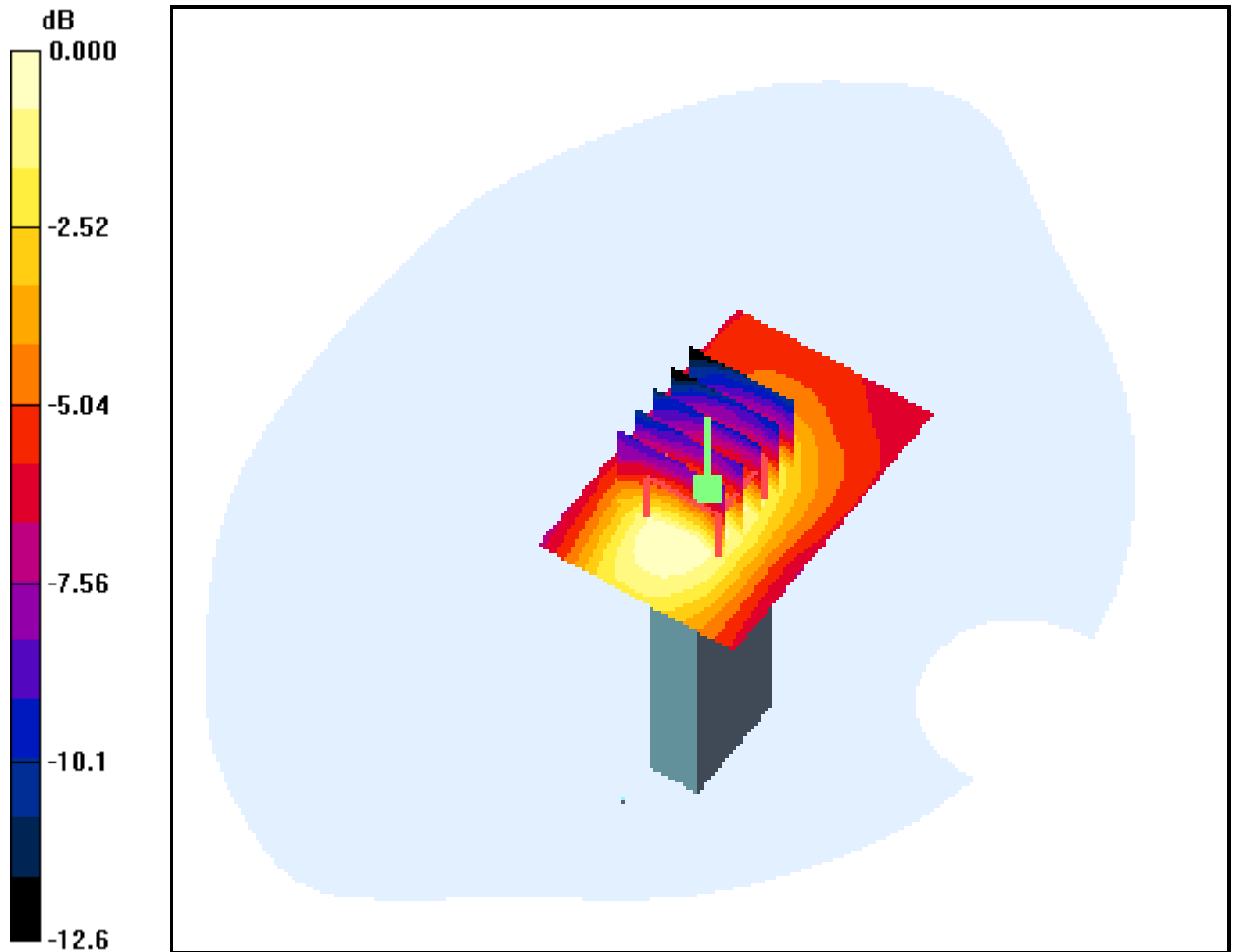
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.033 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, GSM850 Ch.251, Ant Internal

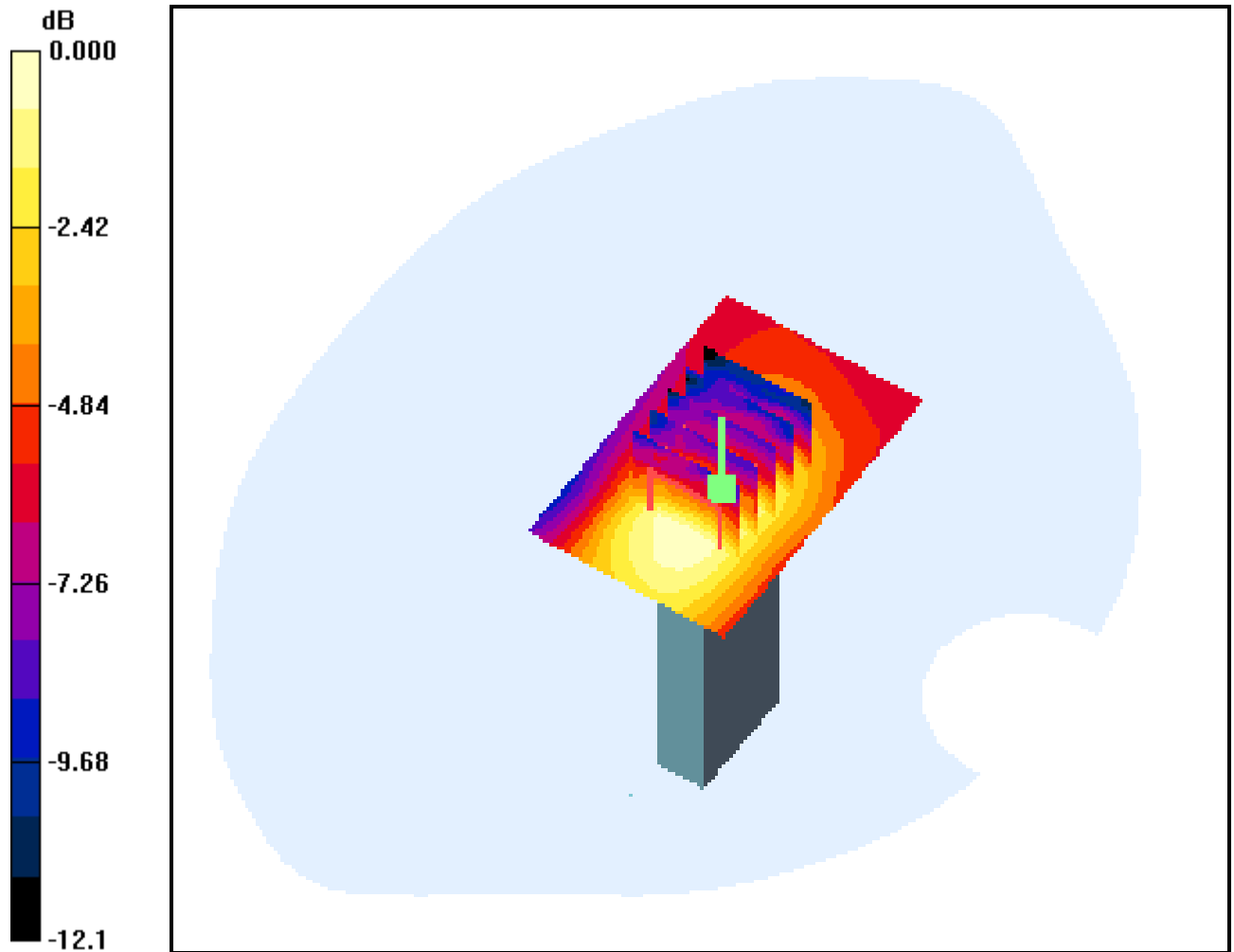
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.020 mW/g



0 dB = 0.032mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.941 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, GSM850 Ch.128, Ant Internal, GPRS Class 12 Mode

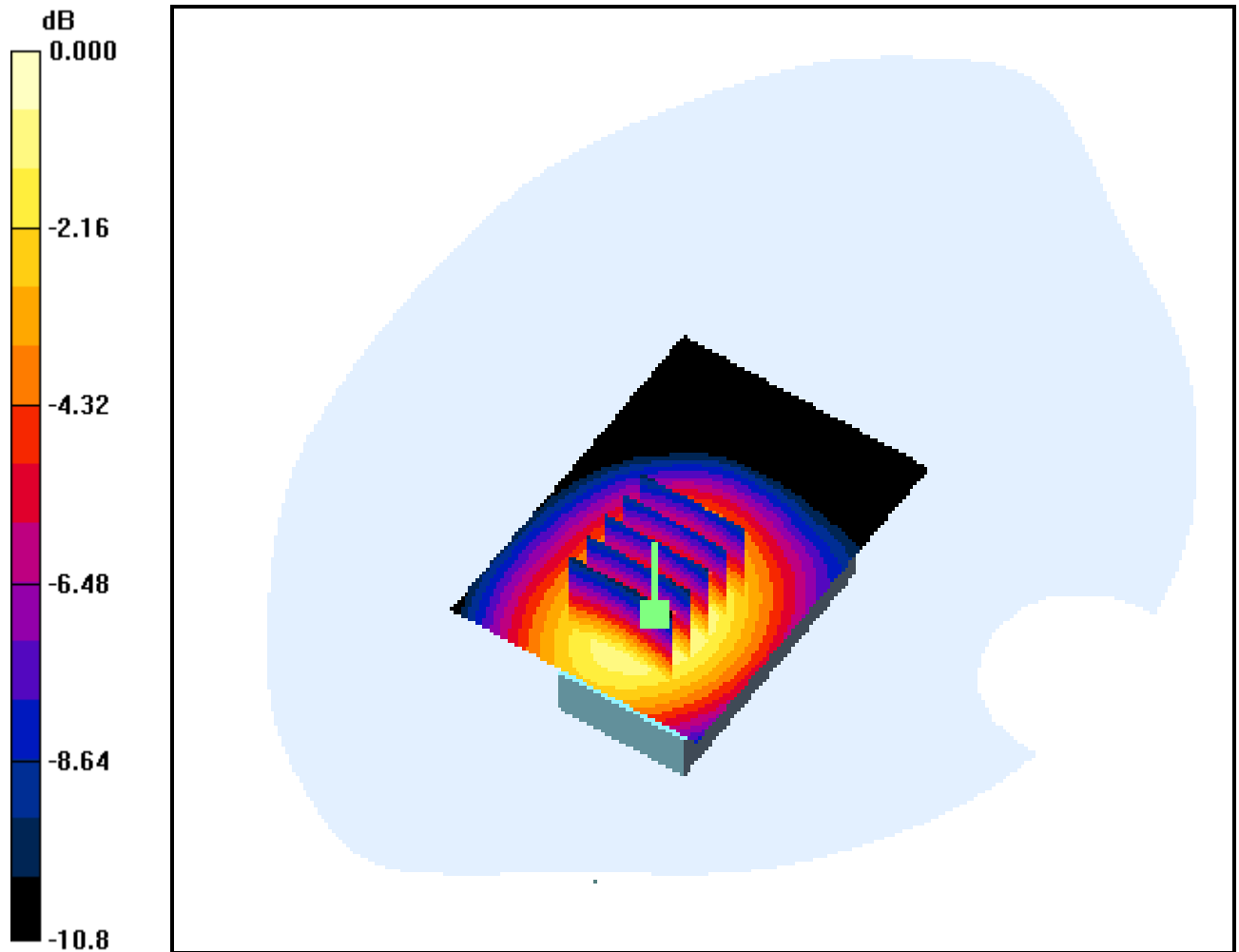
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.039 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.570 mW/g



0 dB = 0.898mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.952 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, GSM850 Ch.190, Ant Internal, GPRS Class 12 Mode

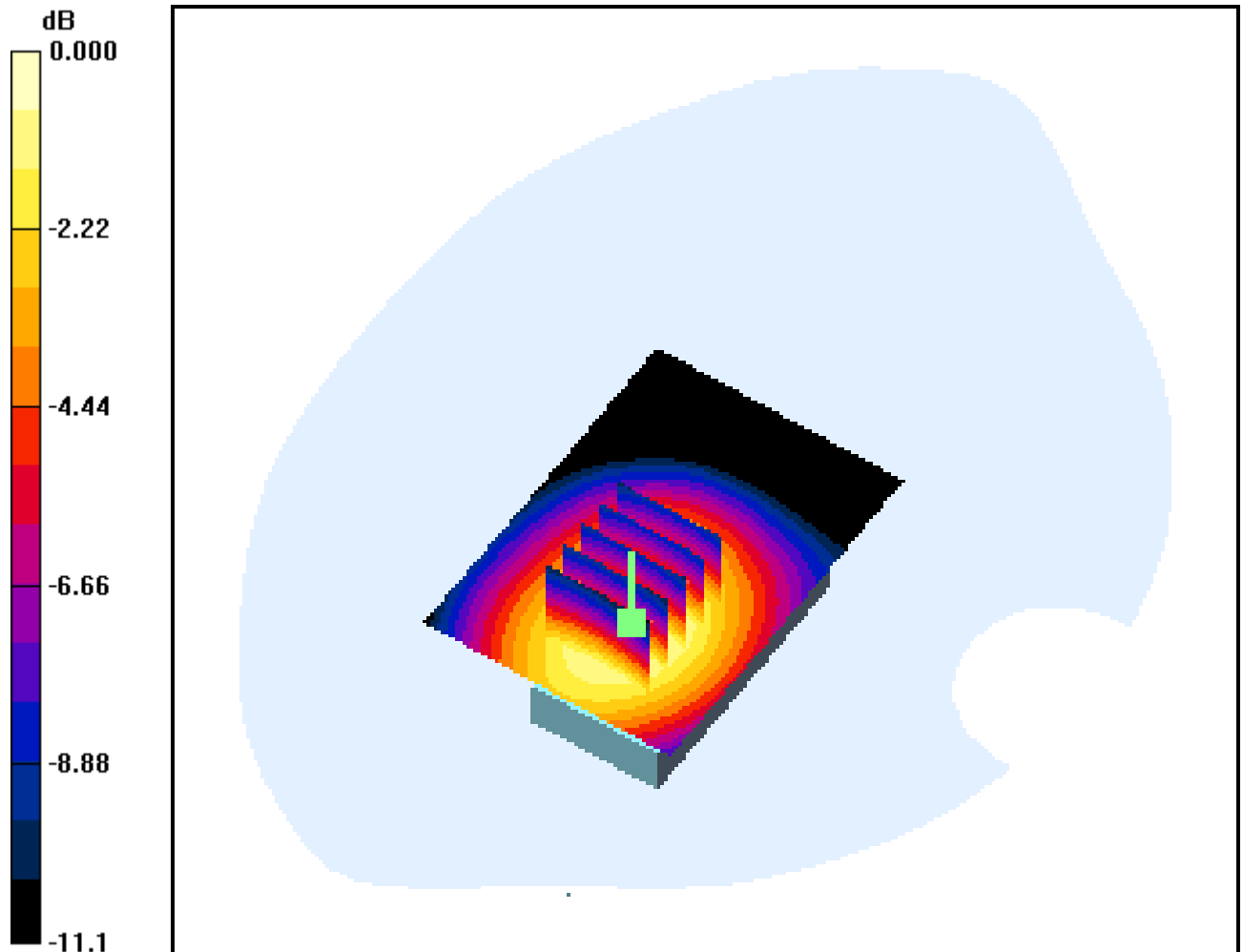
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.668 mW/g



0 dB = 1.06mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, GSM850 Ch.251, Ant Internal, GPRS Class 12 Mode

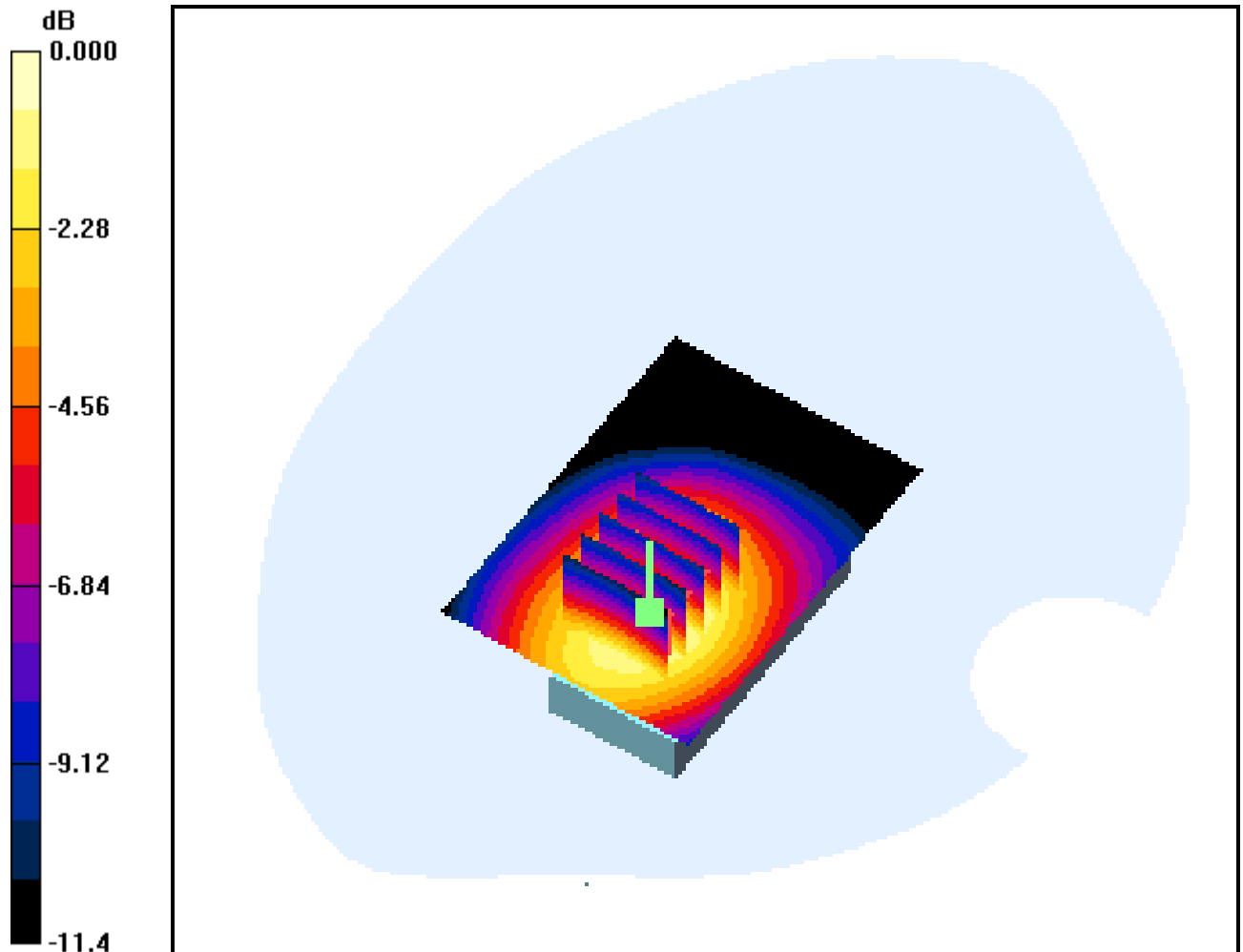
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.729 mW/g



0 dB = 1.19mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.941 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, GSM850 Ch.128, Ant Internal, GPRS Class 12 Mode

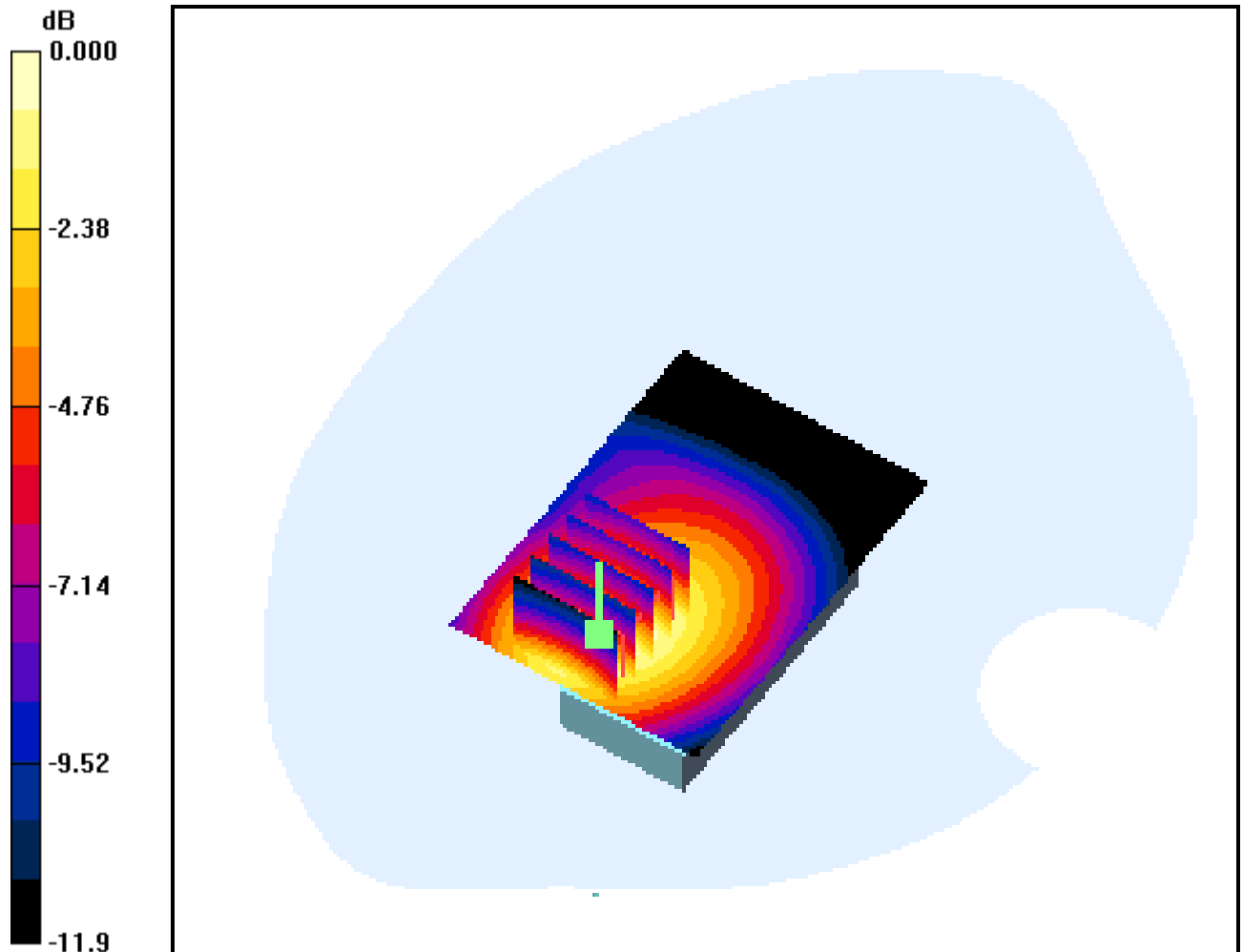
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.993 W/kg

SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.487 mW/g



0 dB = 0.777mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.952 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, GSM850 Ch.190, Ant Internal, GPRS Class 12 Mode

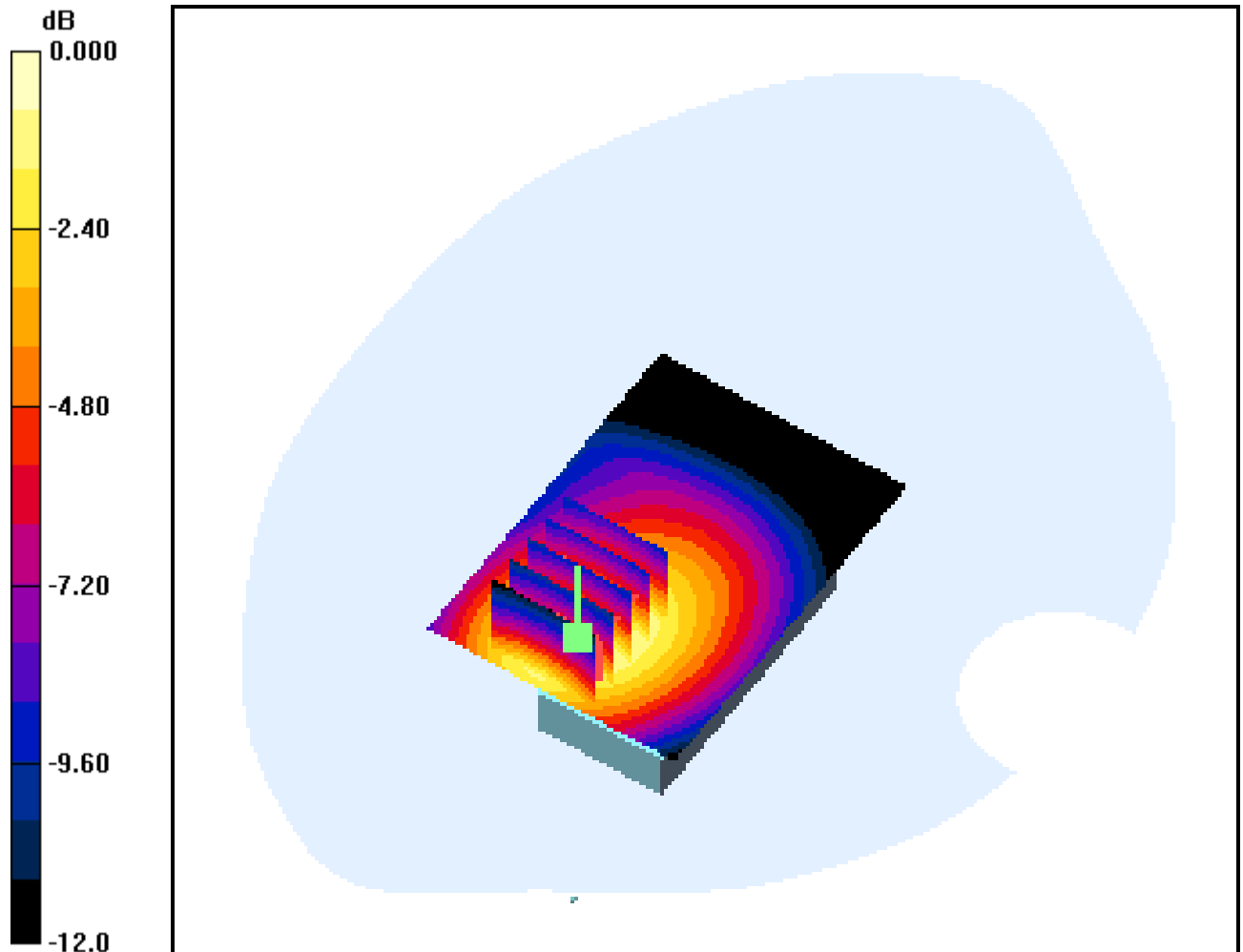
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.553 mW/g



0 dB = 0.898mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, GSM850 Ch.251, Ant Internal, GPRS Class 12 Mode

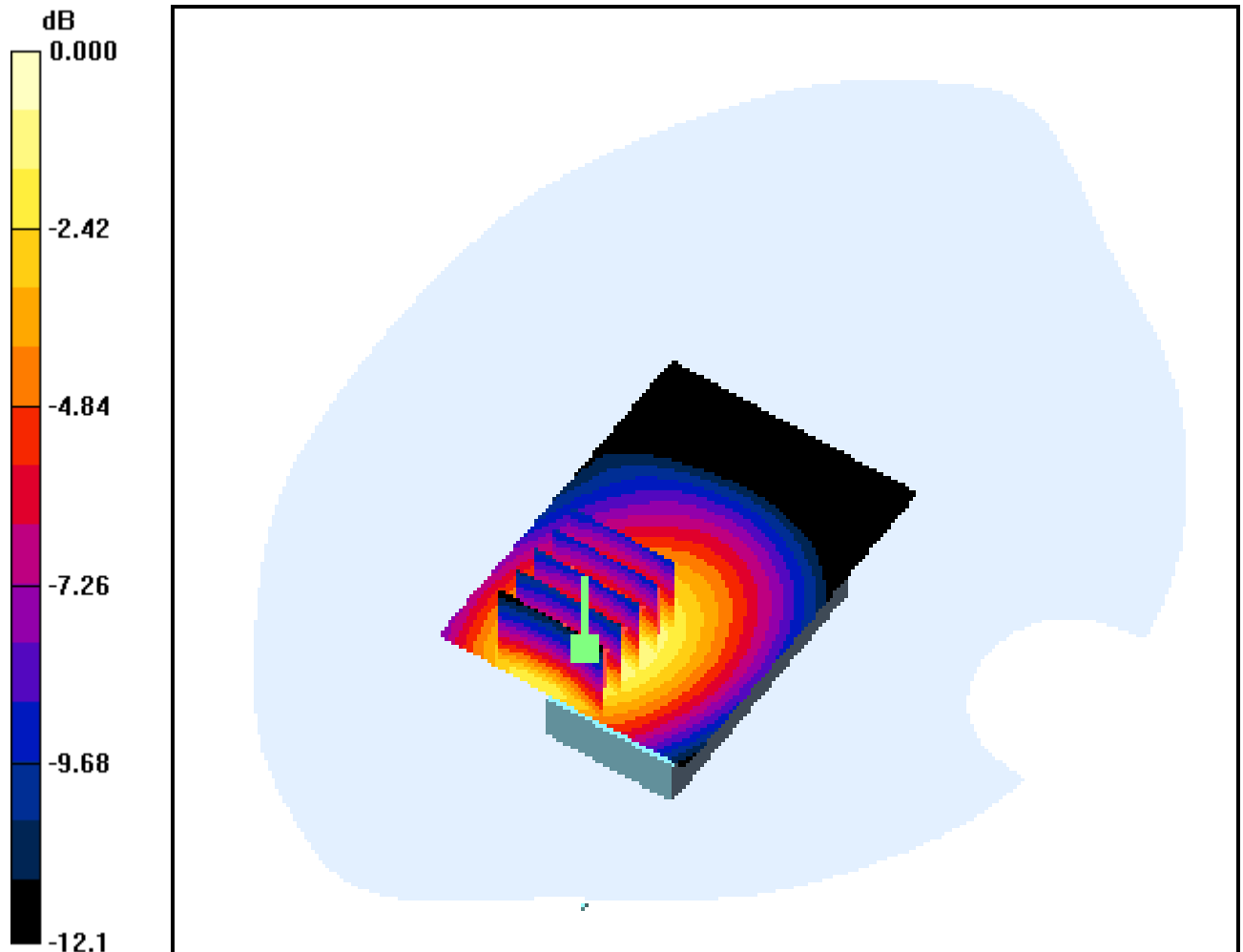
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.758 mW/g



0 dB = 1.24mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.984 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-29; Ambient Temp: 21.0; Tissue Temp: 21.2

12mm from Body, Top Side, GSM850 Ch.190, Ant Internal, GPRS Class 12 Mode

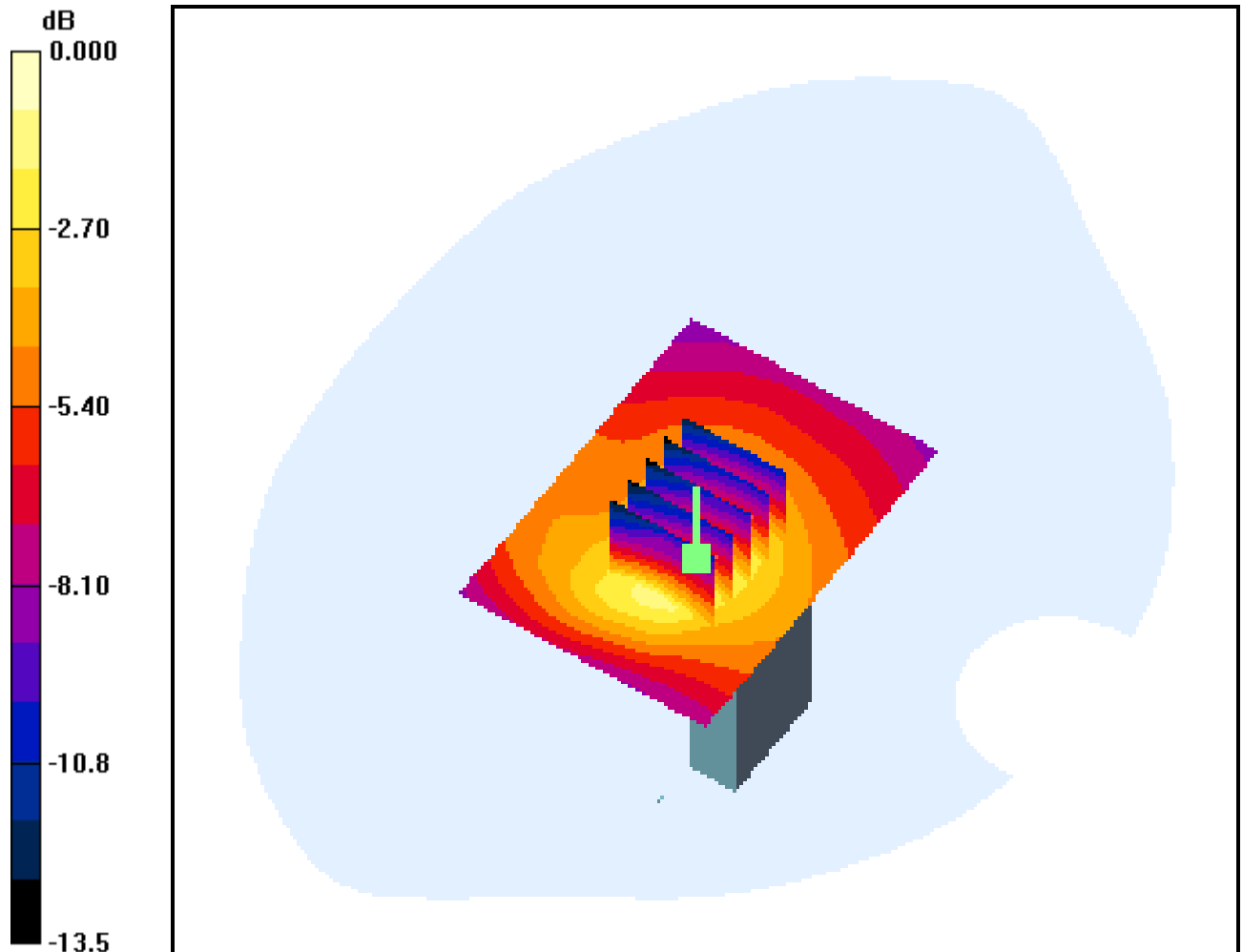
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.225 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.199mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, GSM850 Ch.251, Ant Internal, EGPRS Class 12 Mode

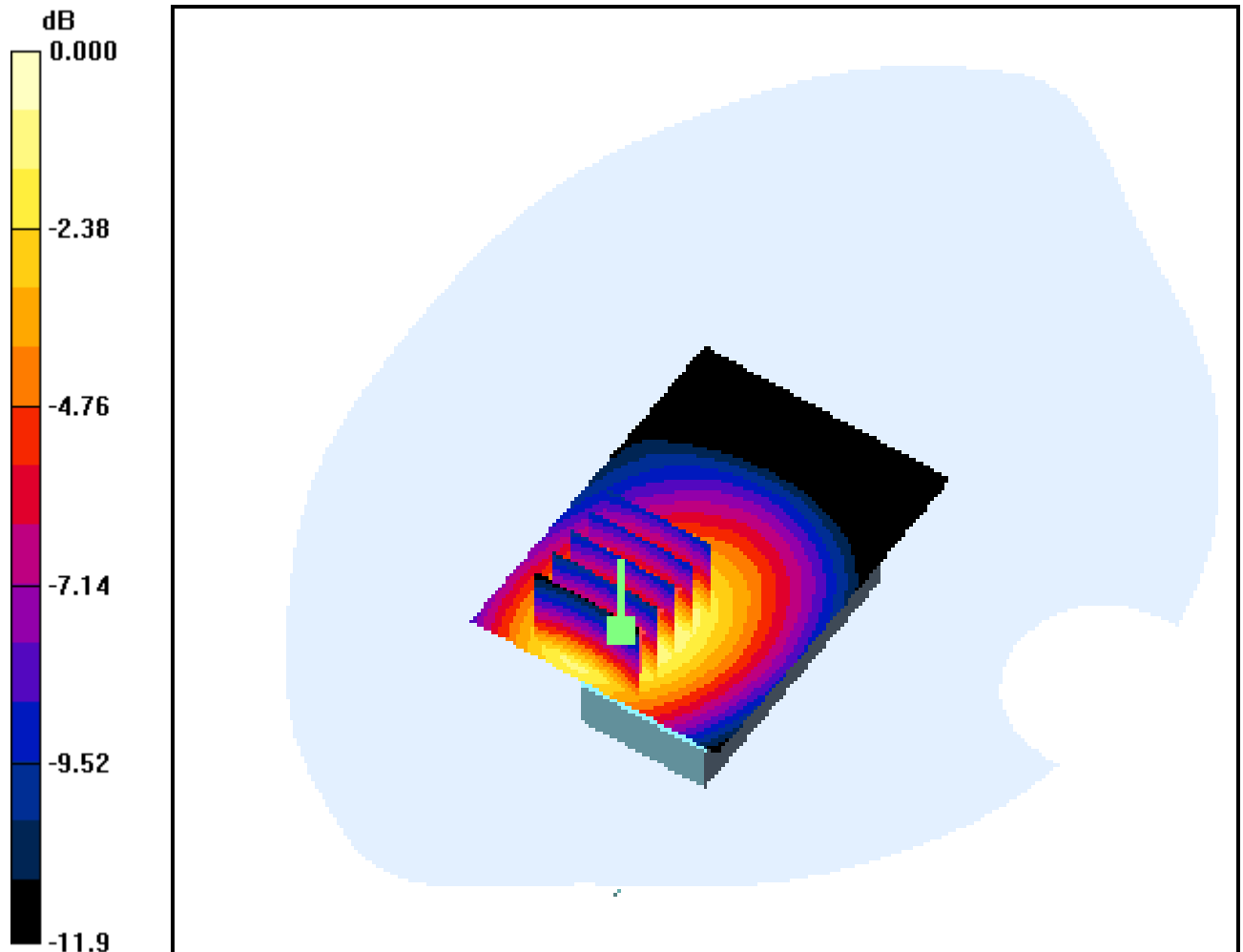
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.360 mW/g



0 dB = 0.583mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, GSM850 Ch.251, Ant Internal

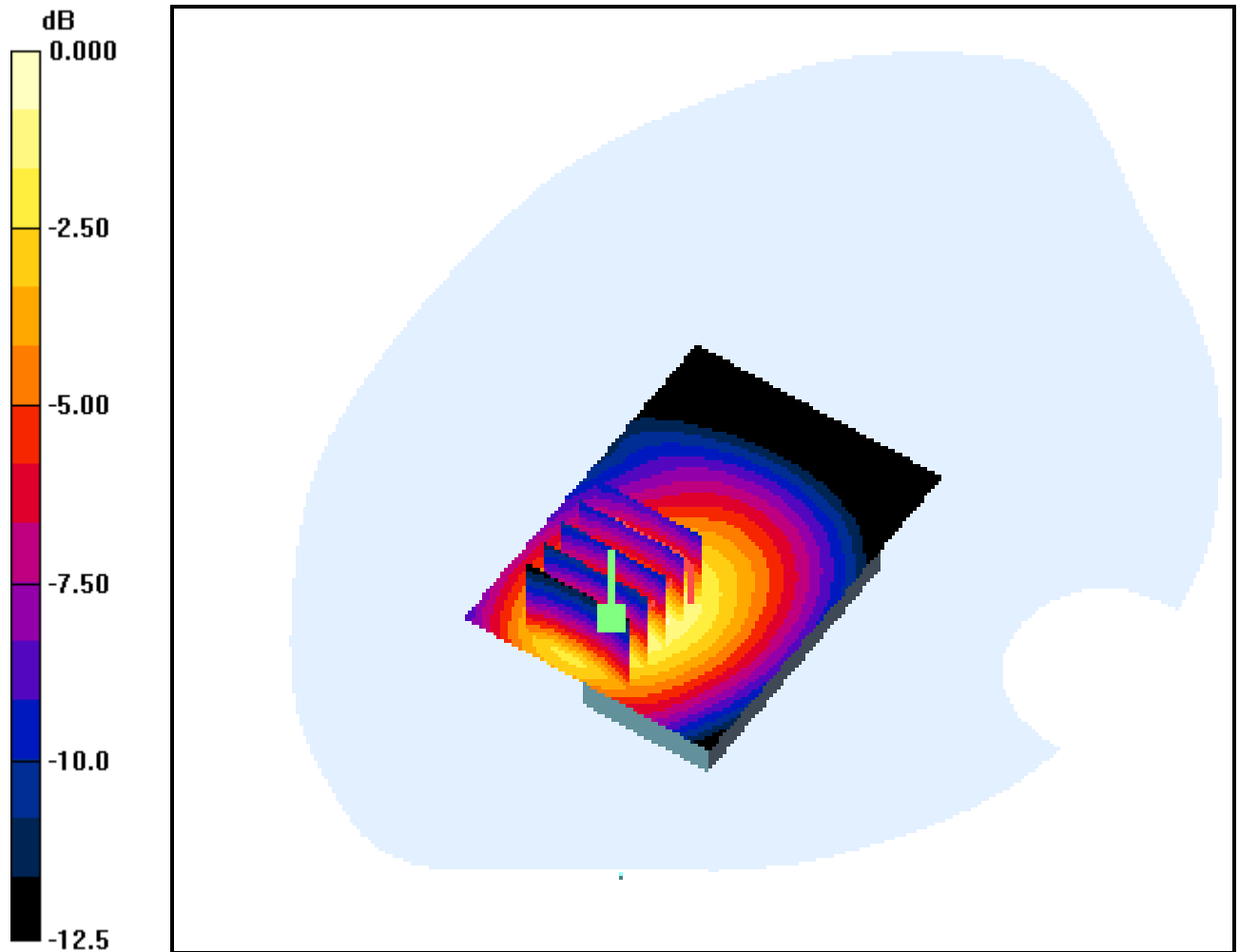
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.215 mW/g



0 dB = 0.352mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Labtop: Toshiba M100

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, PCS1900 Ch.512, Ant Internal, GPRS Class 12 Mode

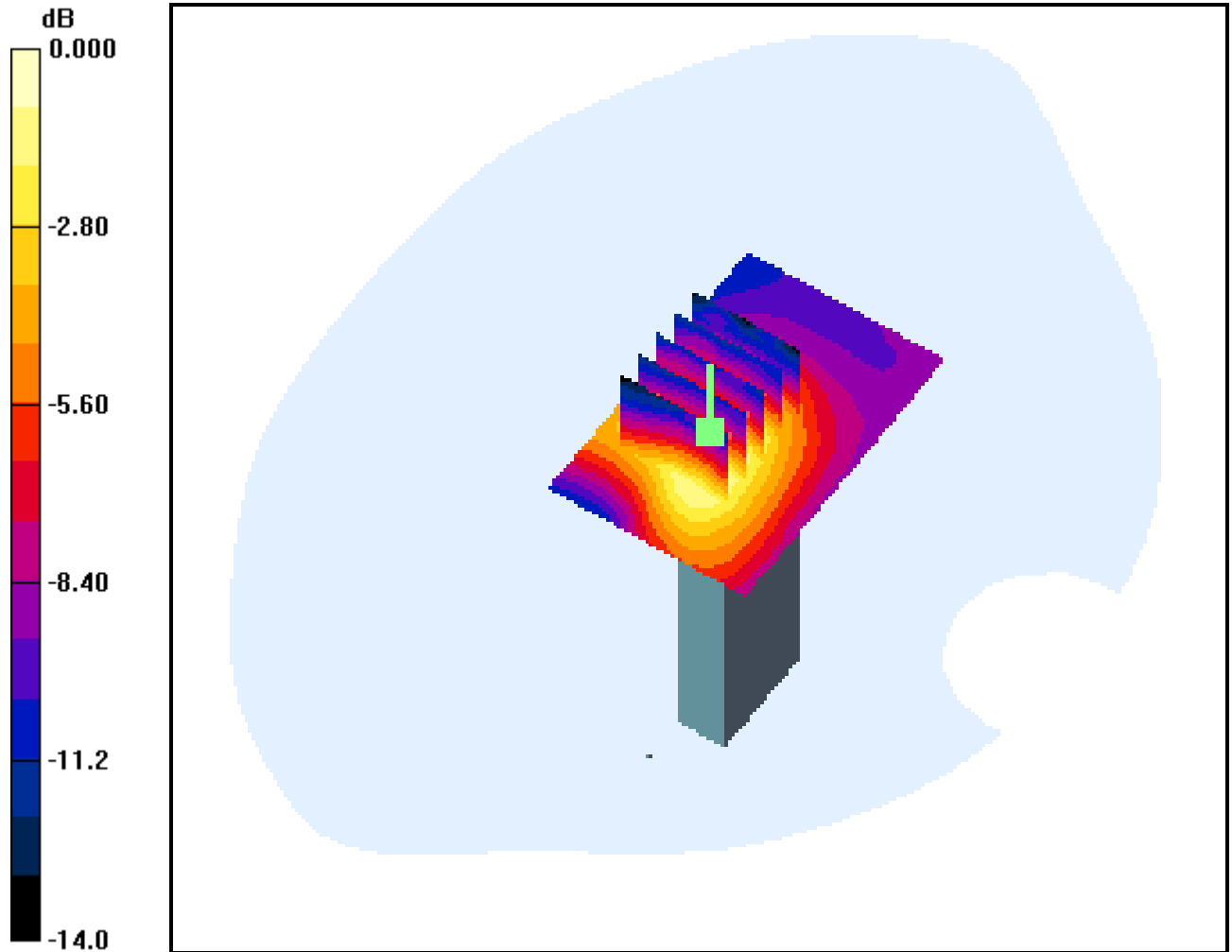
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.336 mW/g



0 dB = 0.620mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, PCS1900 Ch.661, Ant Internal, GPRS Class 12 Mode

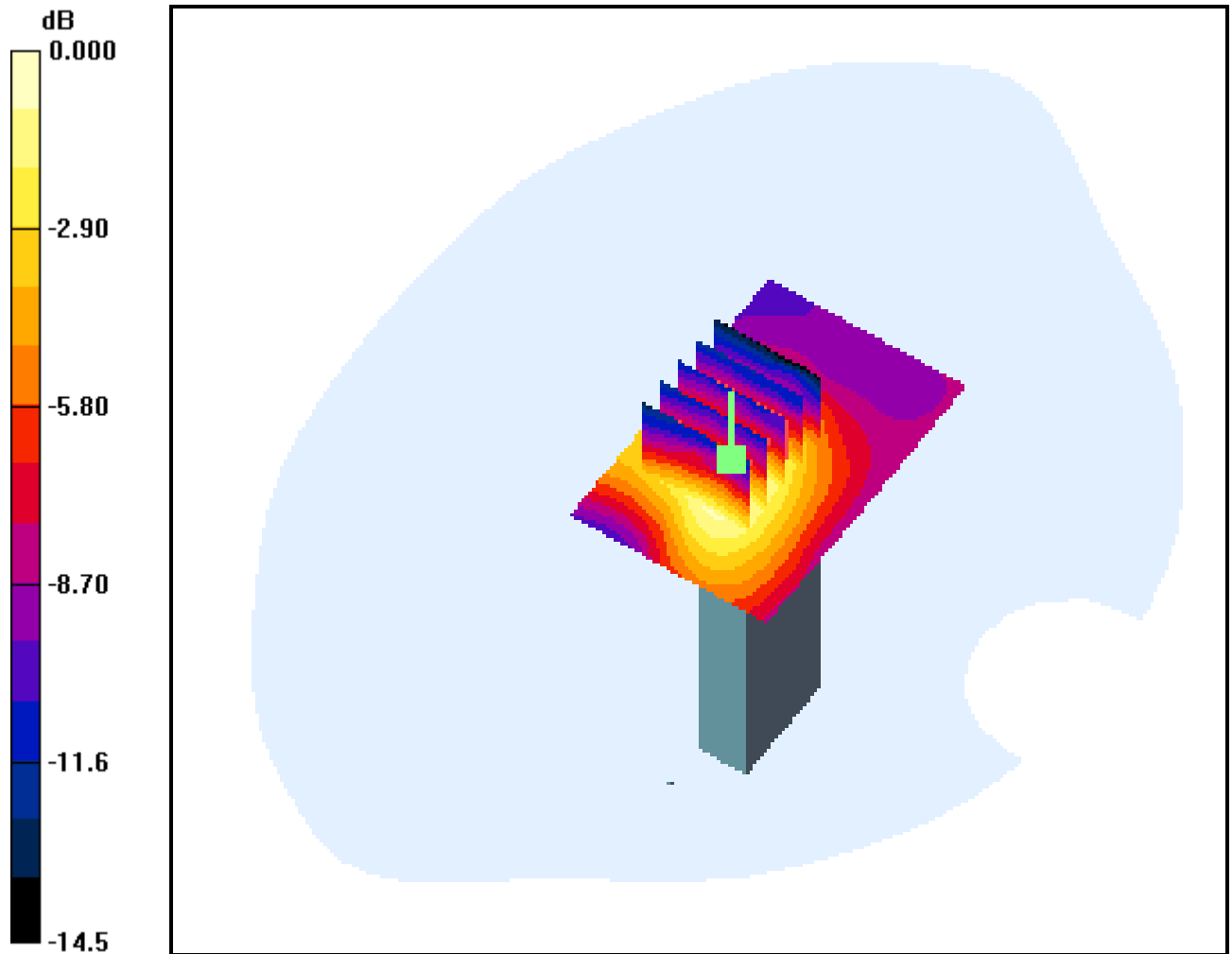
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.345 mW/g



0 dB = 0.619mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, PCS1900 Ch.810, Ant Internal, GPRS Class 12 Mode

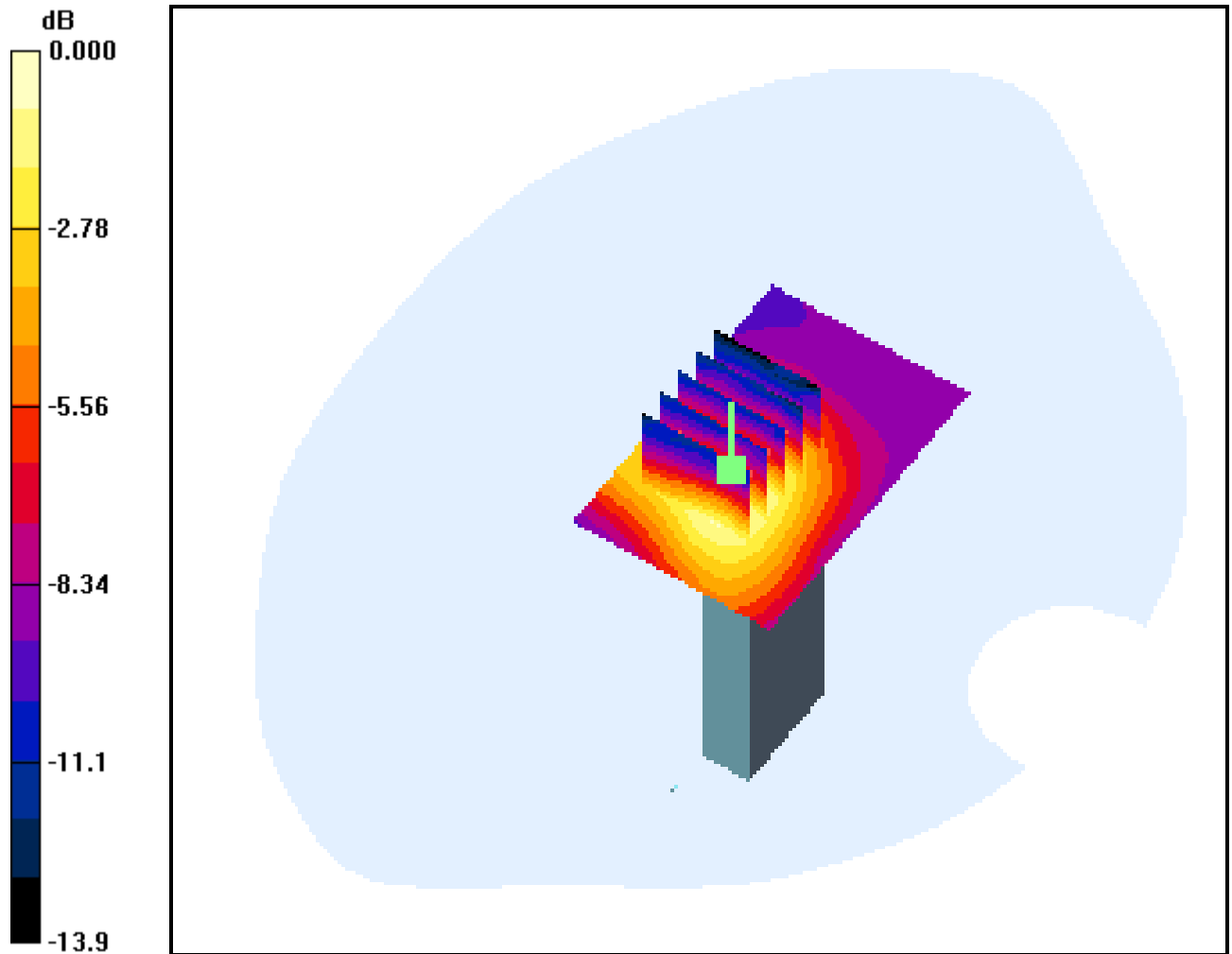
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.284 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.324 mW/g



0 dB = 0.586mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, PCS1900 Ch.661, Ant Internal, EGPRS Class 12 Mode

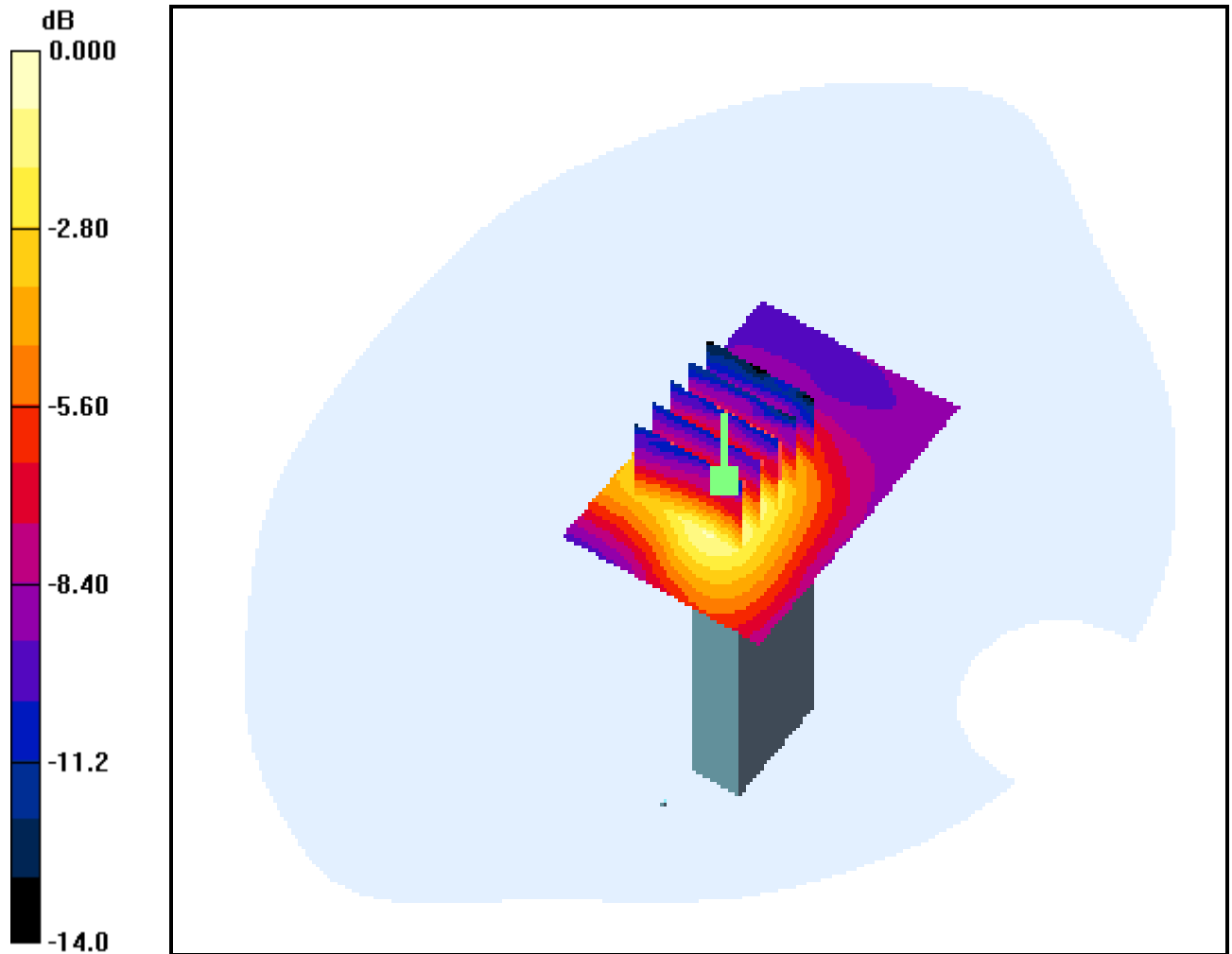
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.255 mW/g



0 dB = 0.457mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop : Toshiba M100

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, PCS1900 Ch.661, Ant Internal

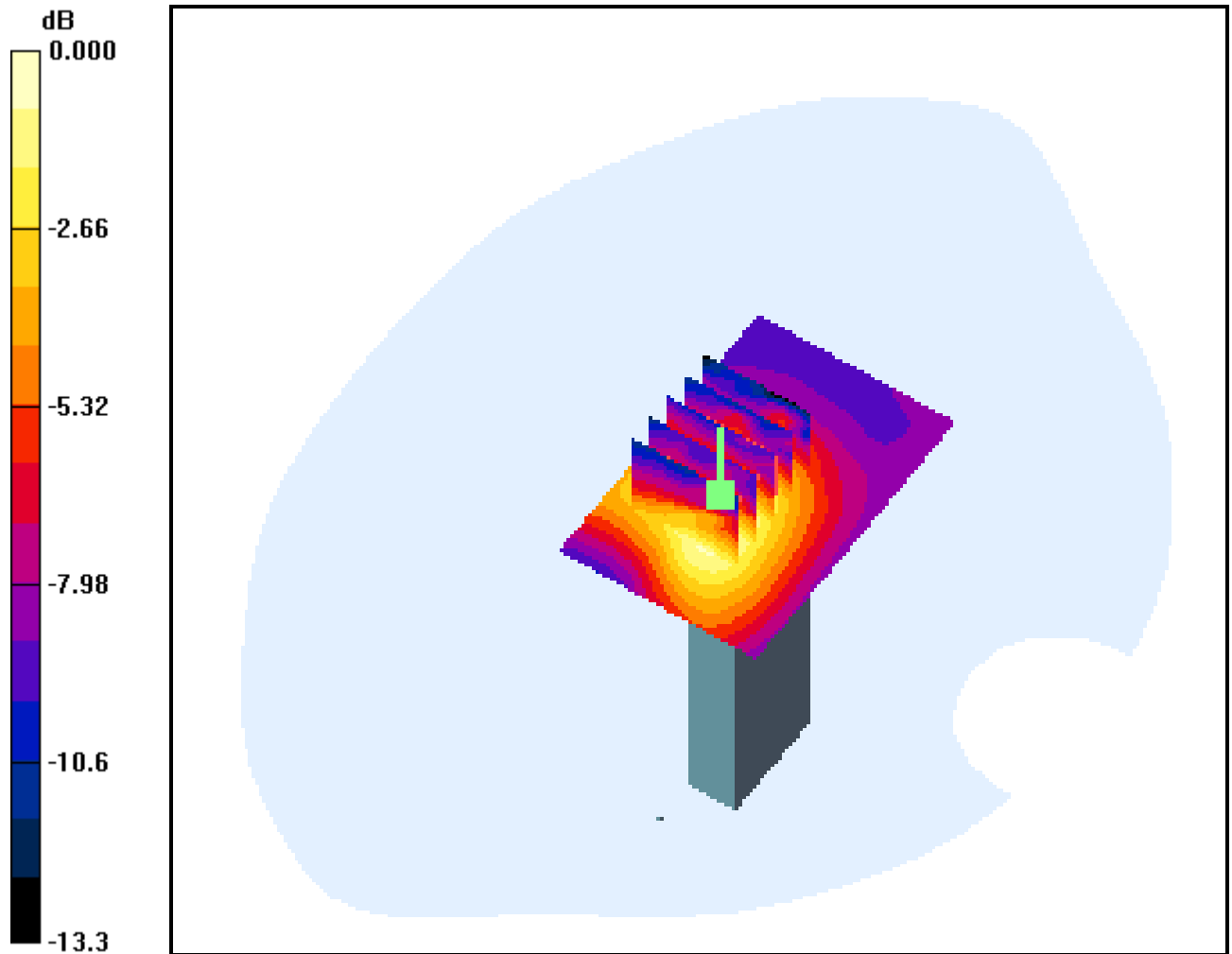
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.109 mW/g



0 dB = 0.191mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Front Side, PCS1900 Ch.661, Ant Internal, GPRS Class 12 Mode

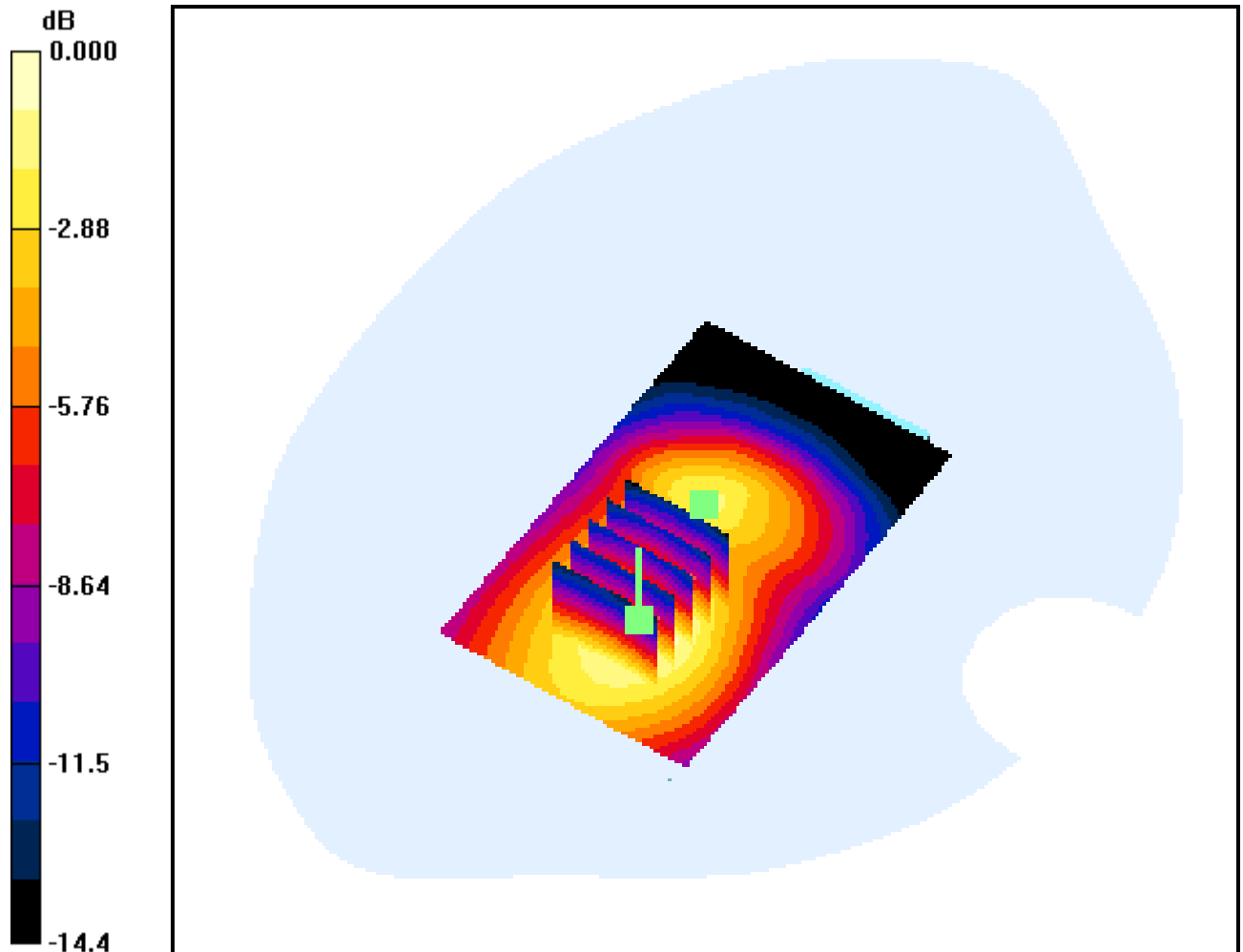
Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.226 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.362 mW/g



0 dB = 0.636mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Front Side, PCS1900 Ch.661, Ant Internal, GPRS Class 12 Mode

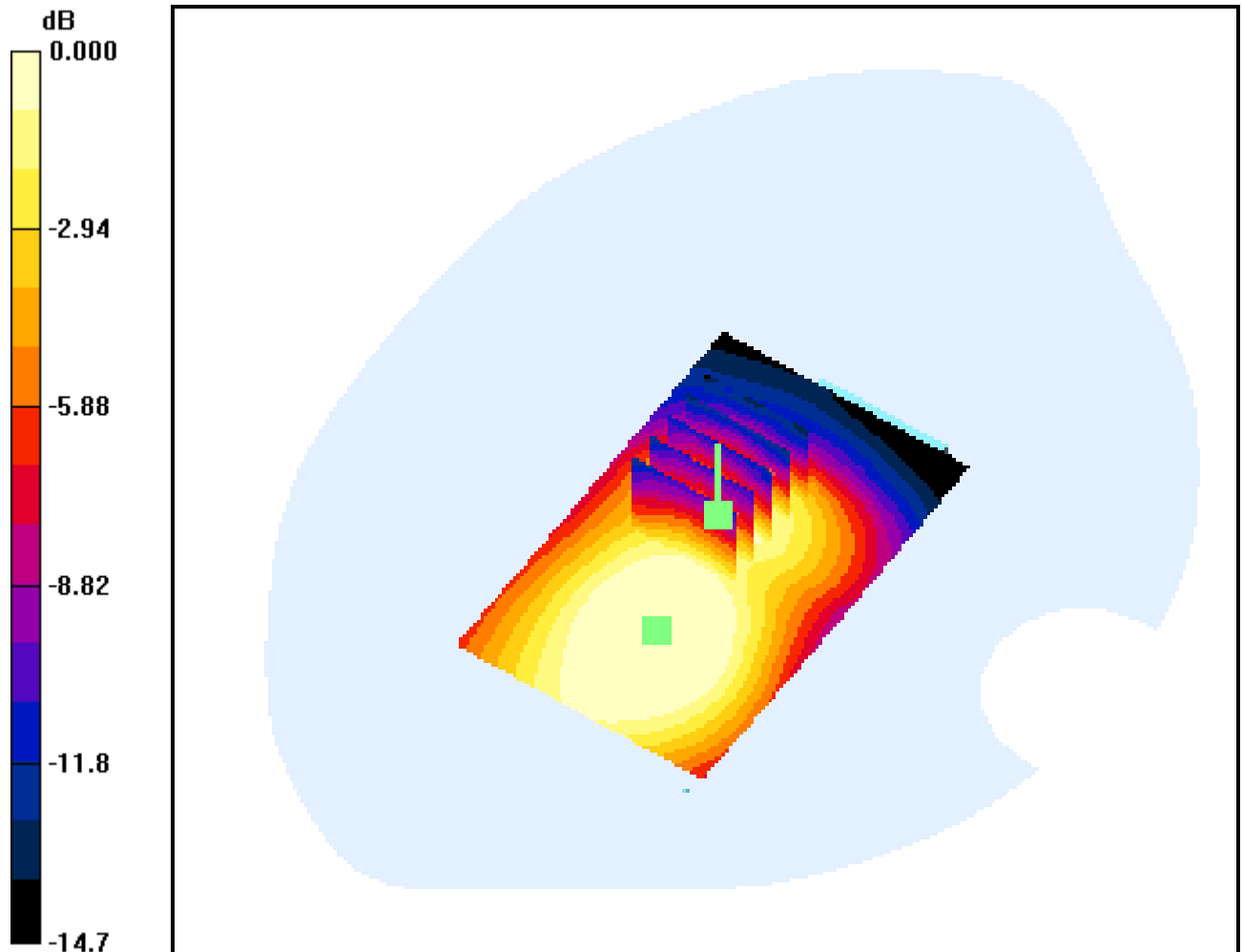
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.226 dB

Peak SAR (extrapolated) = 0.619 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.215 mW/g



0 dB = 0.388mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, PCS1900 Ch.512, Ant Internal, GPRS Class 12 Mode

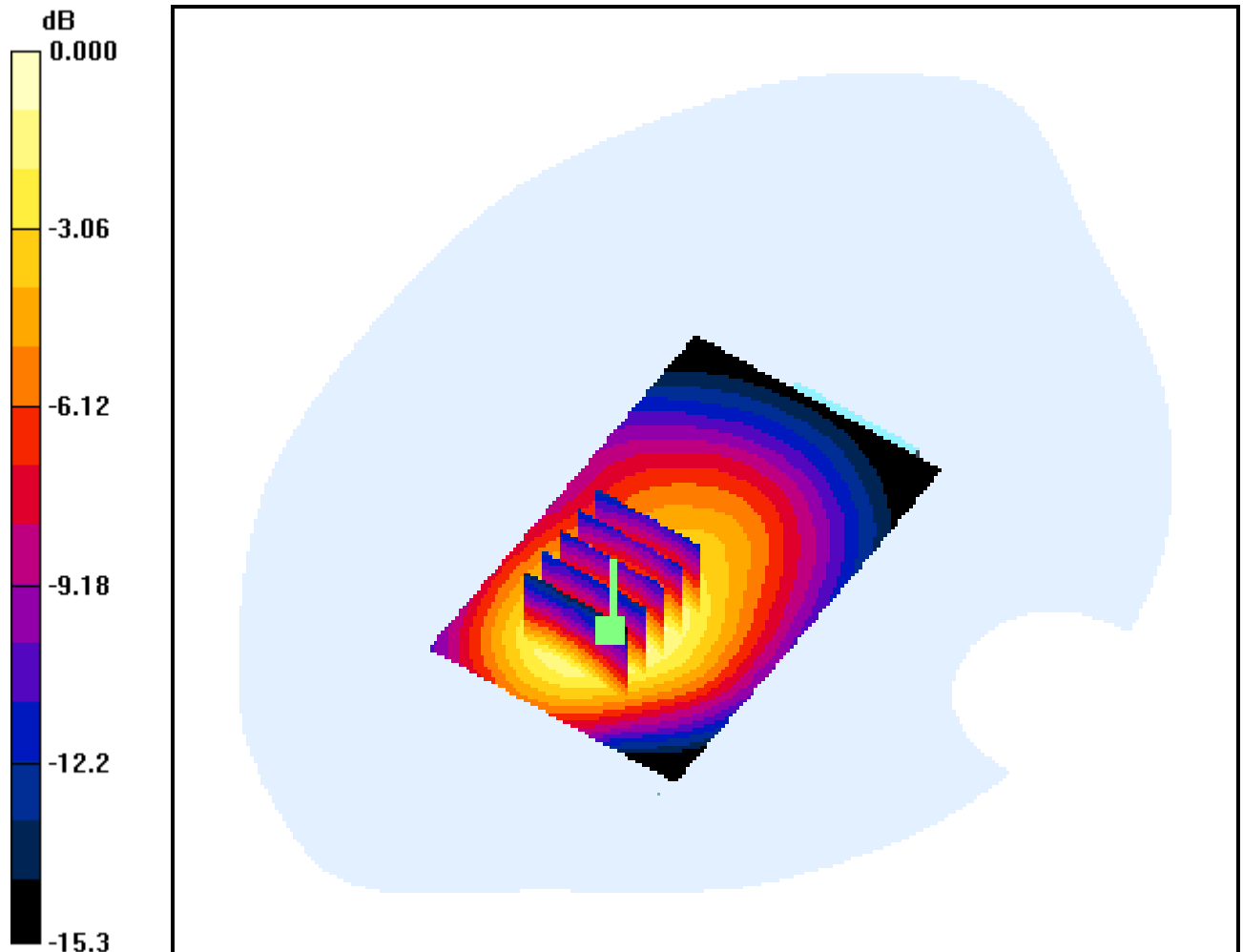
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.661 mW/g



0 dB = 1.13mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, PCS1900 Ch.661, Ant Internal, GPRS Class 12 Mode

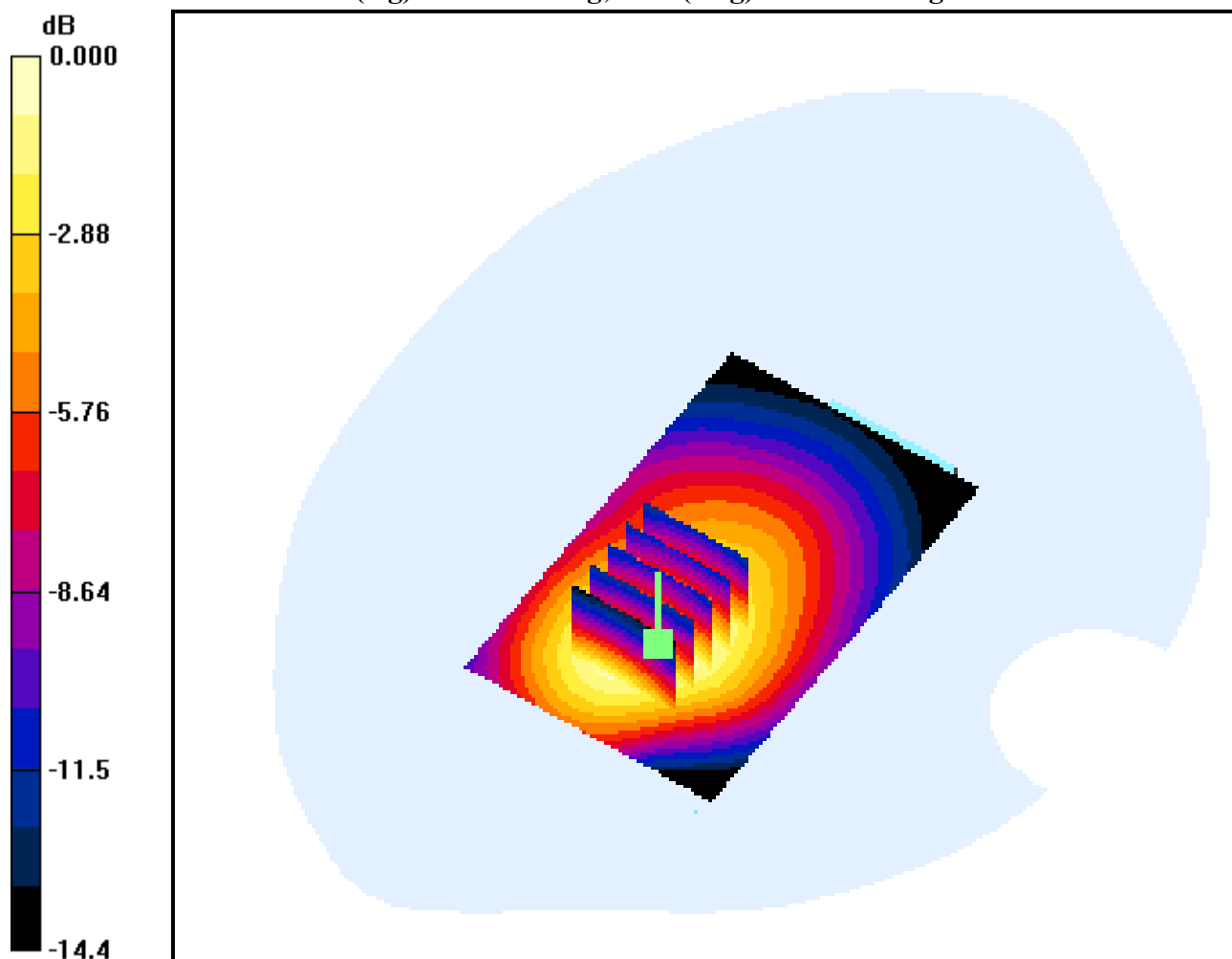
Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.193 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.599 mW/g



0 dB = 1.00mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, PCS1900 Ch.810, Ant Internal, GPRS Class 12 Mode

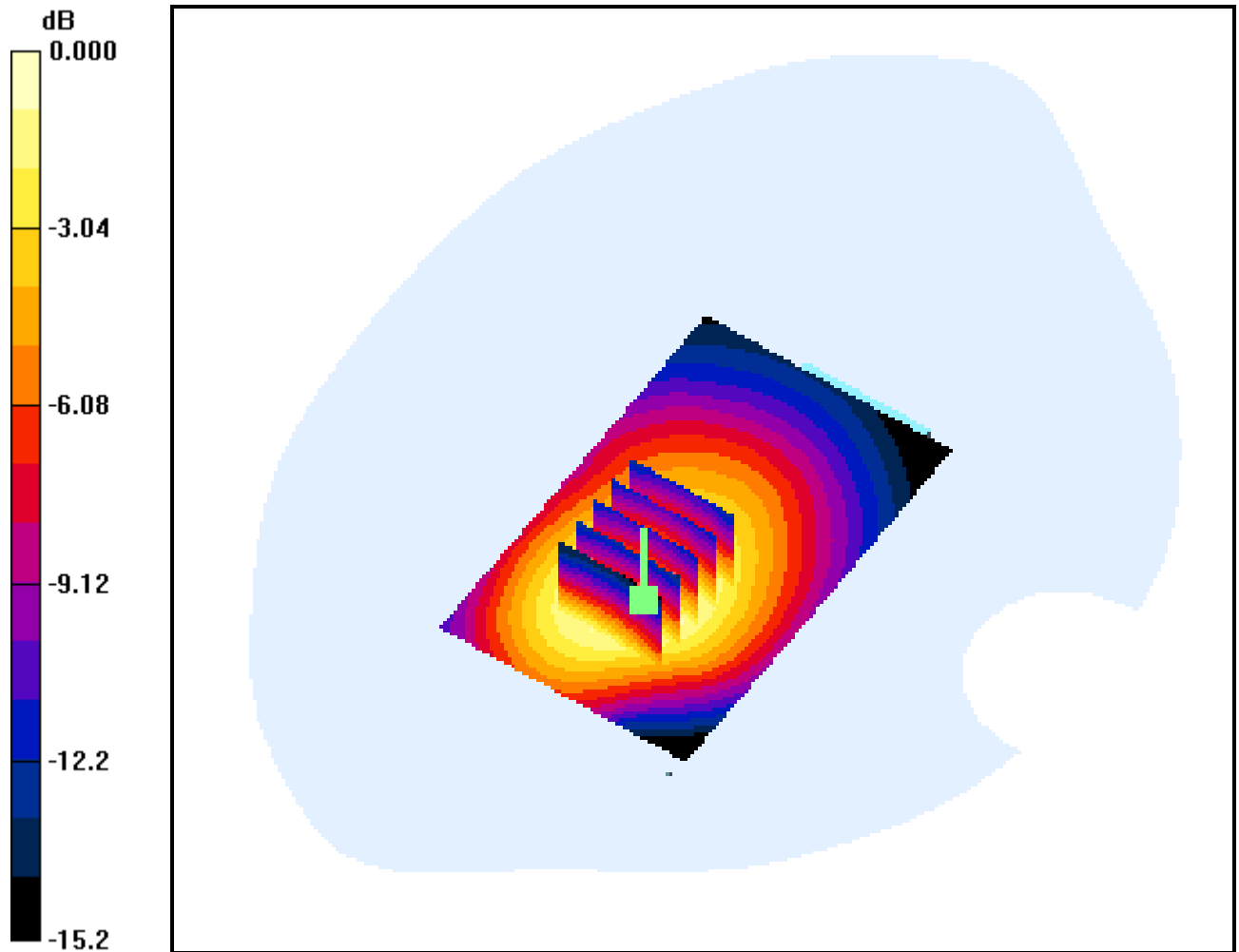
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.317 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.572 mW/g



0 dB = 0.972mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-30; Ambient Temp: 21.5; Tissue Temp: 21.2

12mm from Body, Top Side, PCS Ch.661, Ant Internal, GPRS Class 12 Mode

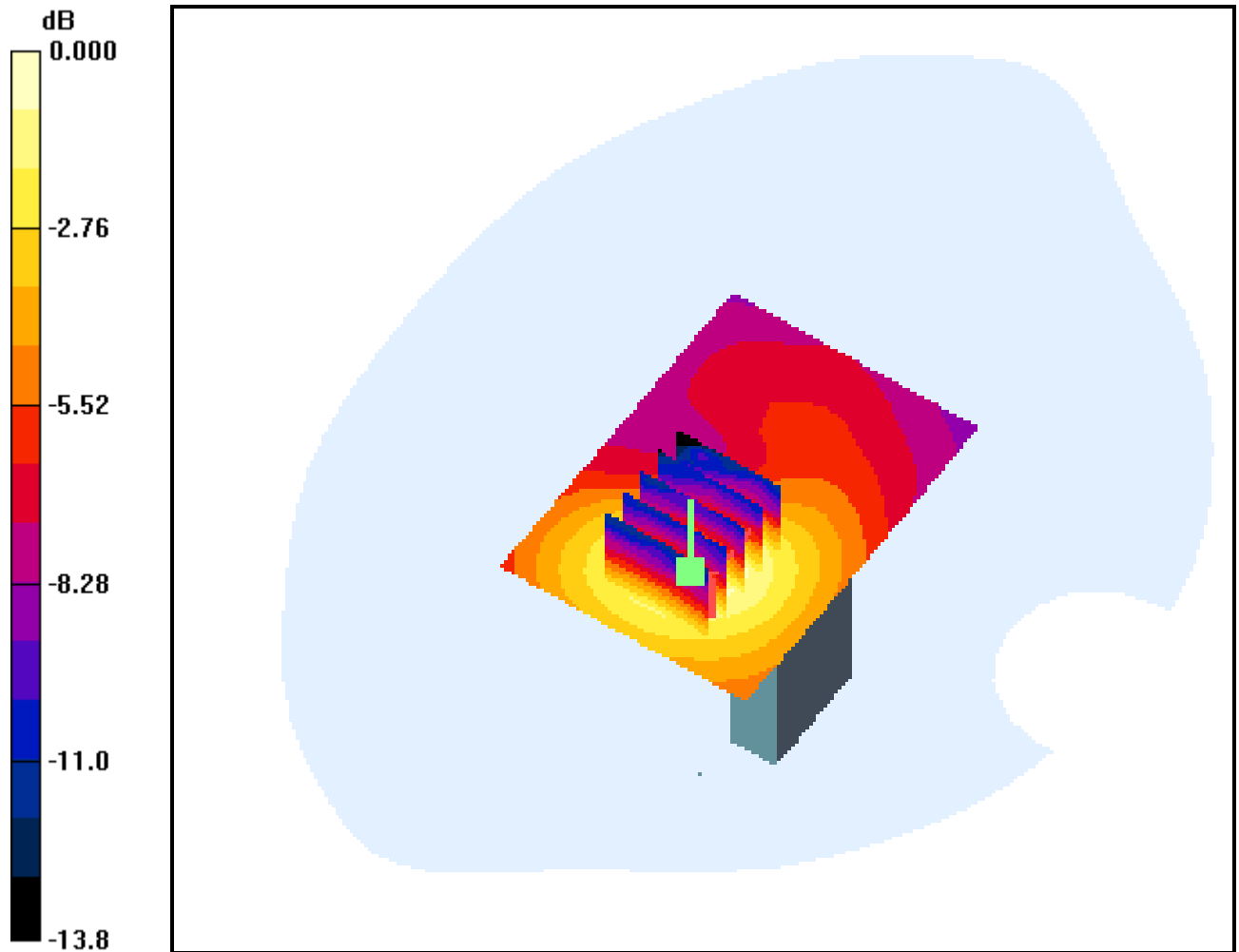
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.216 mW/g



0 dB = 0.367mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, PCS1900 Ch.512, Ant Internal, EGPRS Class 12 Mode

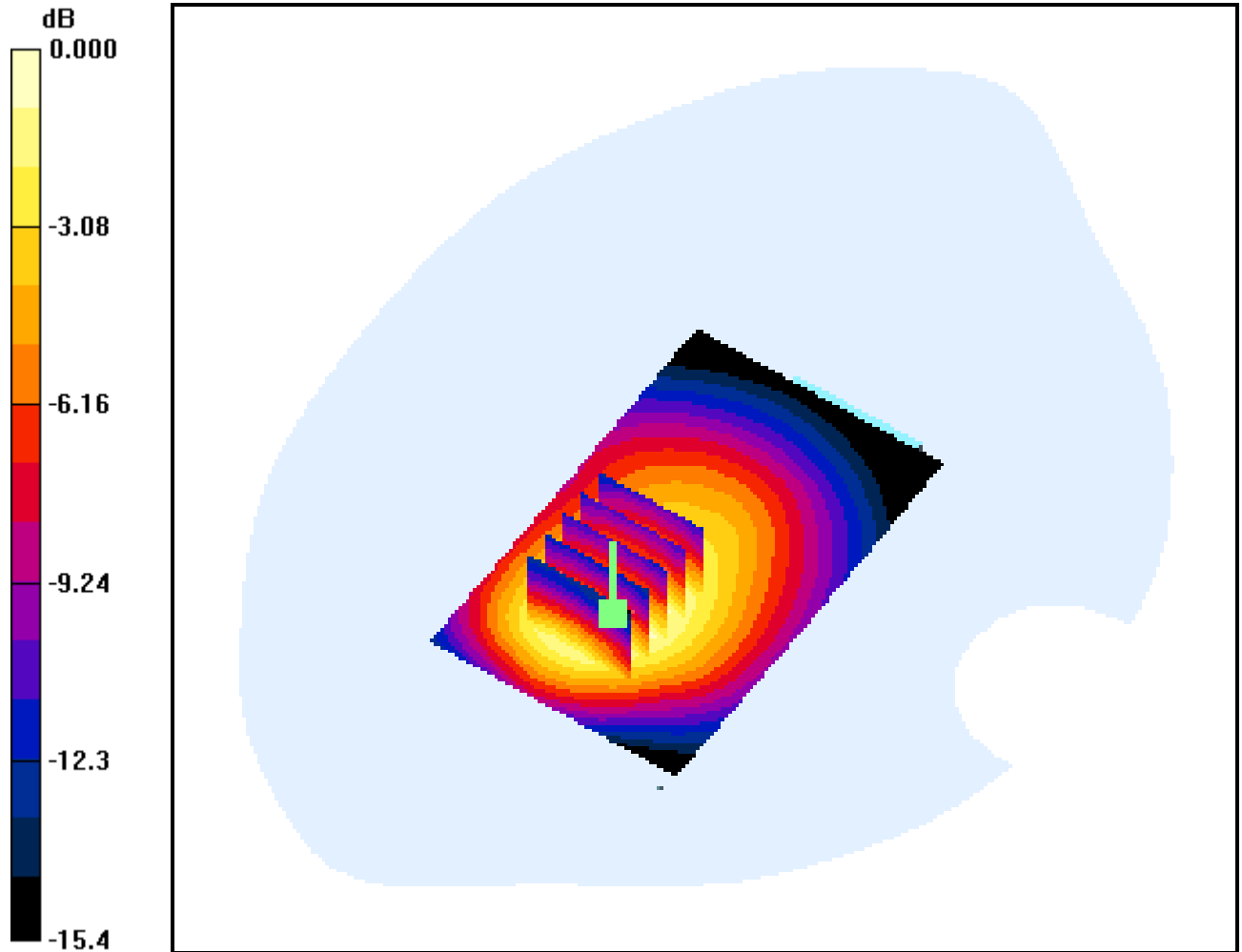
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.371 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.488 mW/g



0 dB = 0.818mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, PCS1900 Ch.512, Ant Internal

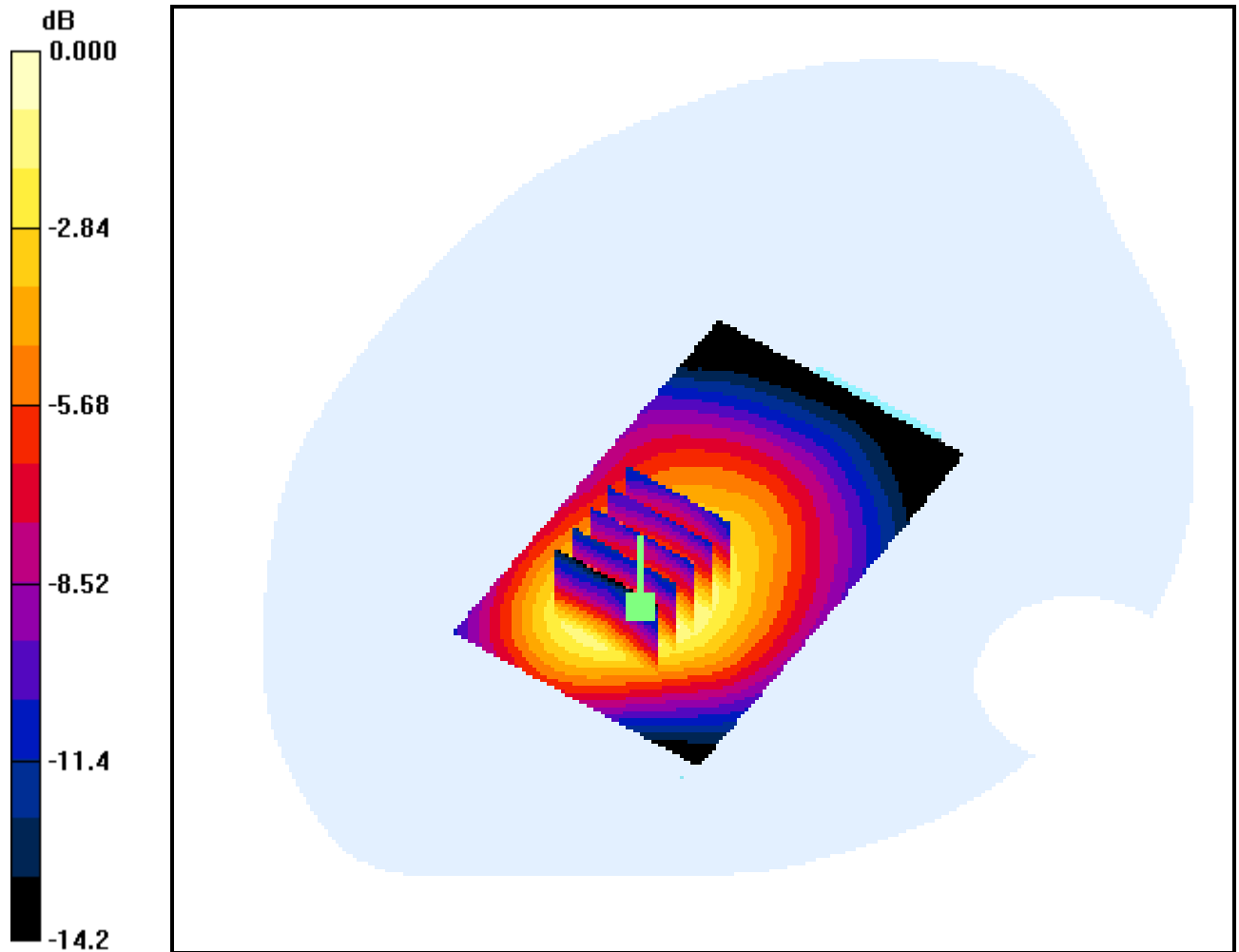
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.196 mW/g



0 dB = 0.325mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop: Toshiba M100

Communication System: UMTS850; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, WCDMA(FDD V) Ch.4132, Ant Internal

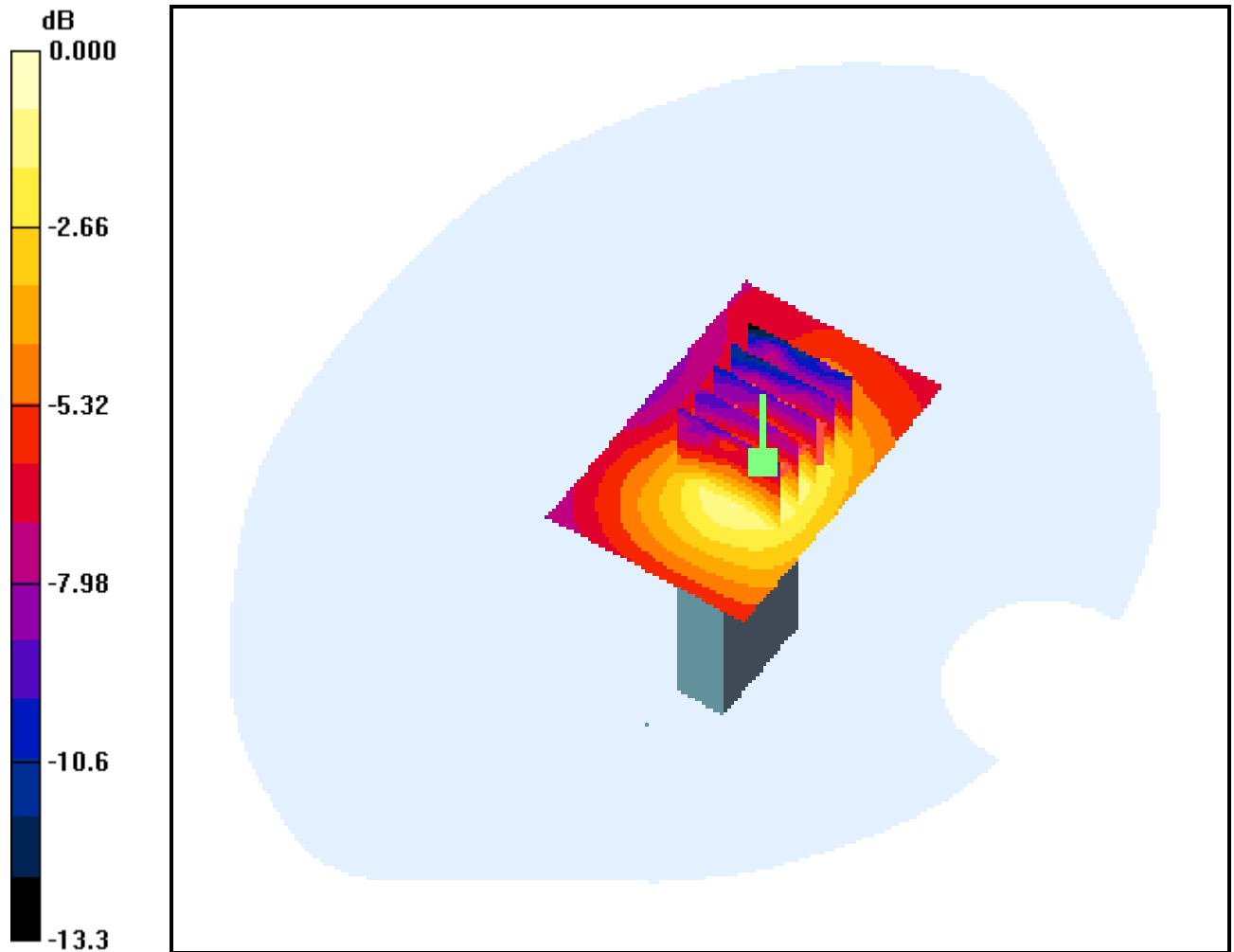
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.035 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop: Toshiba M100

Communication System: UMTS850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, WCDMA(FDD V) Ch.4182, Ant Internal

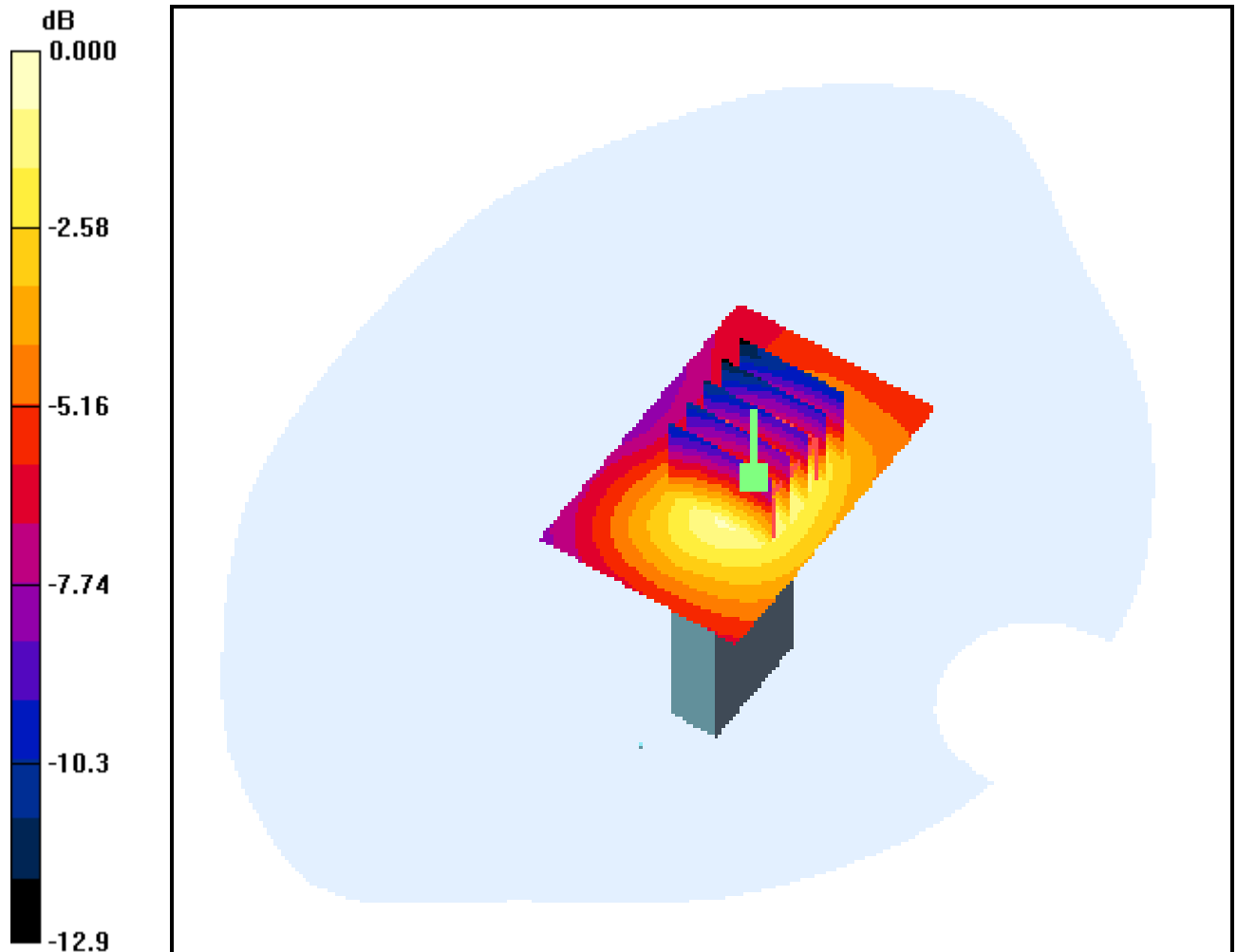
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.215 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.052 mW/g



0 dB = 0.090mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop: Toshiba M100

Communication System: UMTS850; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-02; Ambient Temp: 21.2; Tissue Temp: 21.0

5.5mm from Body, WCDMA(FDD V) Ch.4233, Ant Internal

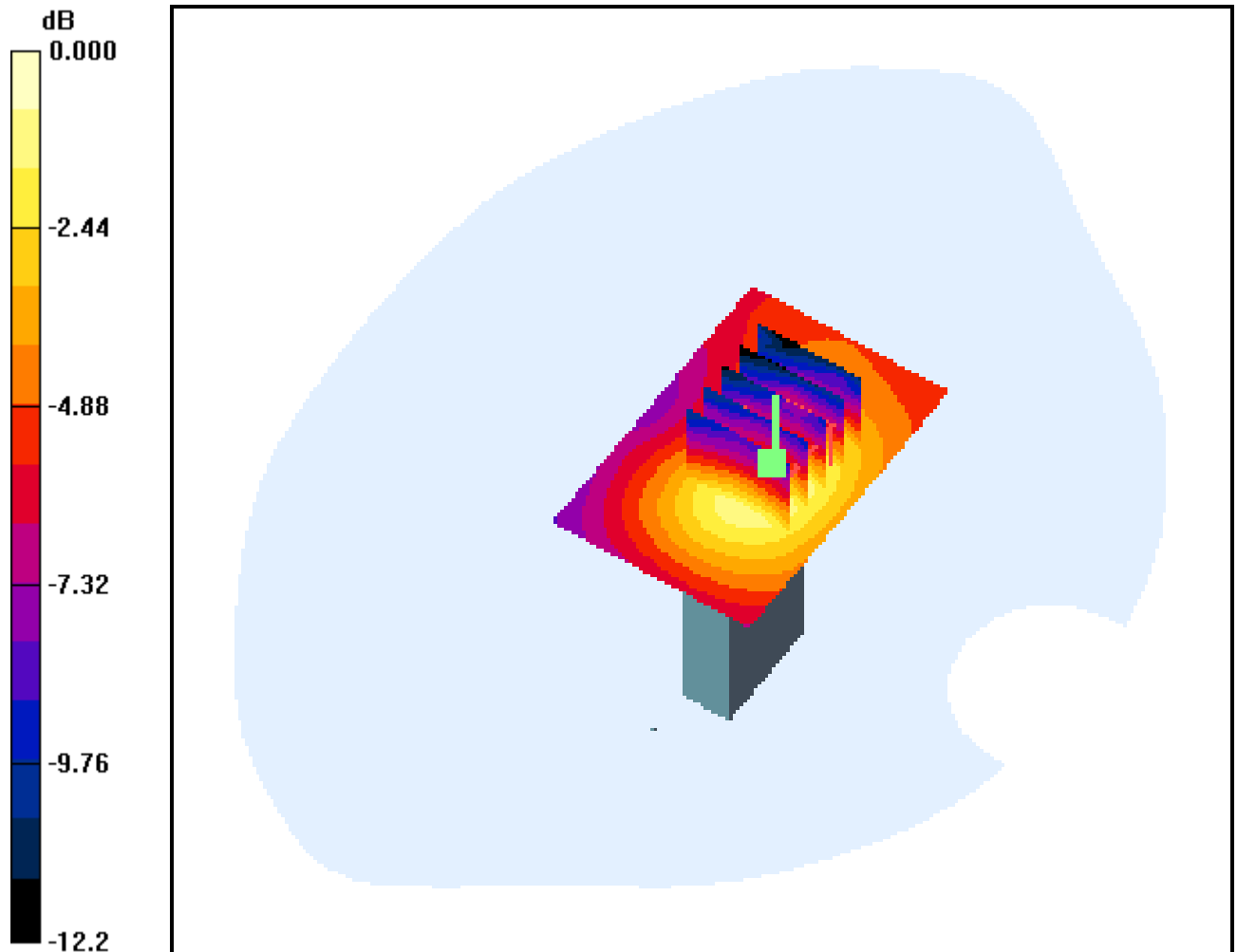
Area Scan (41x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.042 mW/g



0 dB = 0.072mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS850; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.941 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, WCDMA(FDD V) Ch.4132, Ant Internal

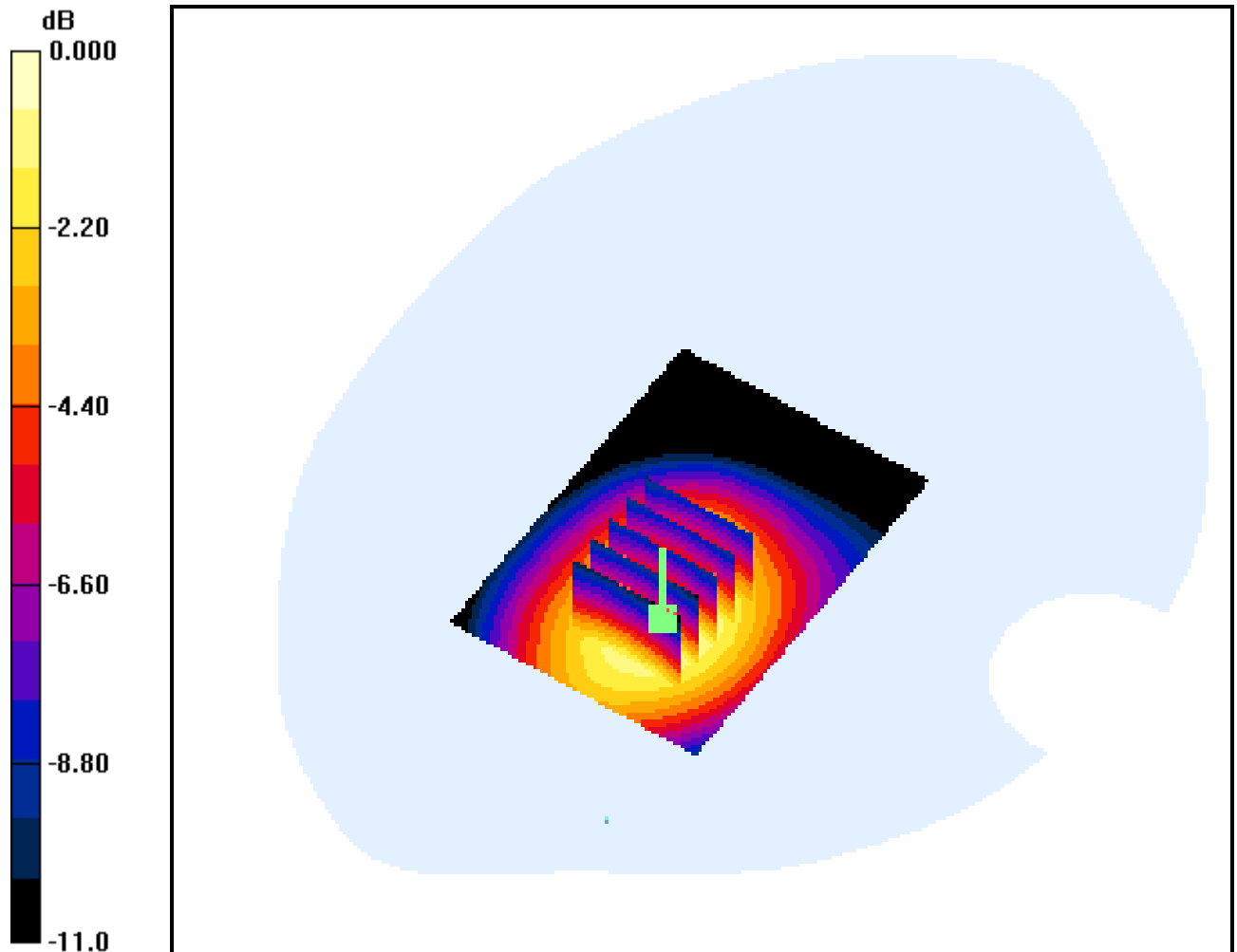
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.260 mW/g



0 dB = 0.413mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.951 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, WCDMA(FDD V) Ch.4182, Ant Internal

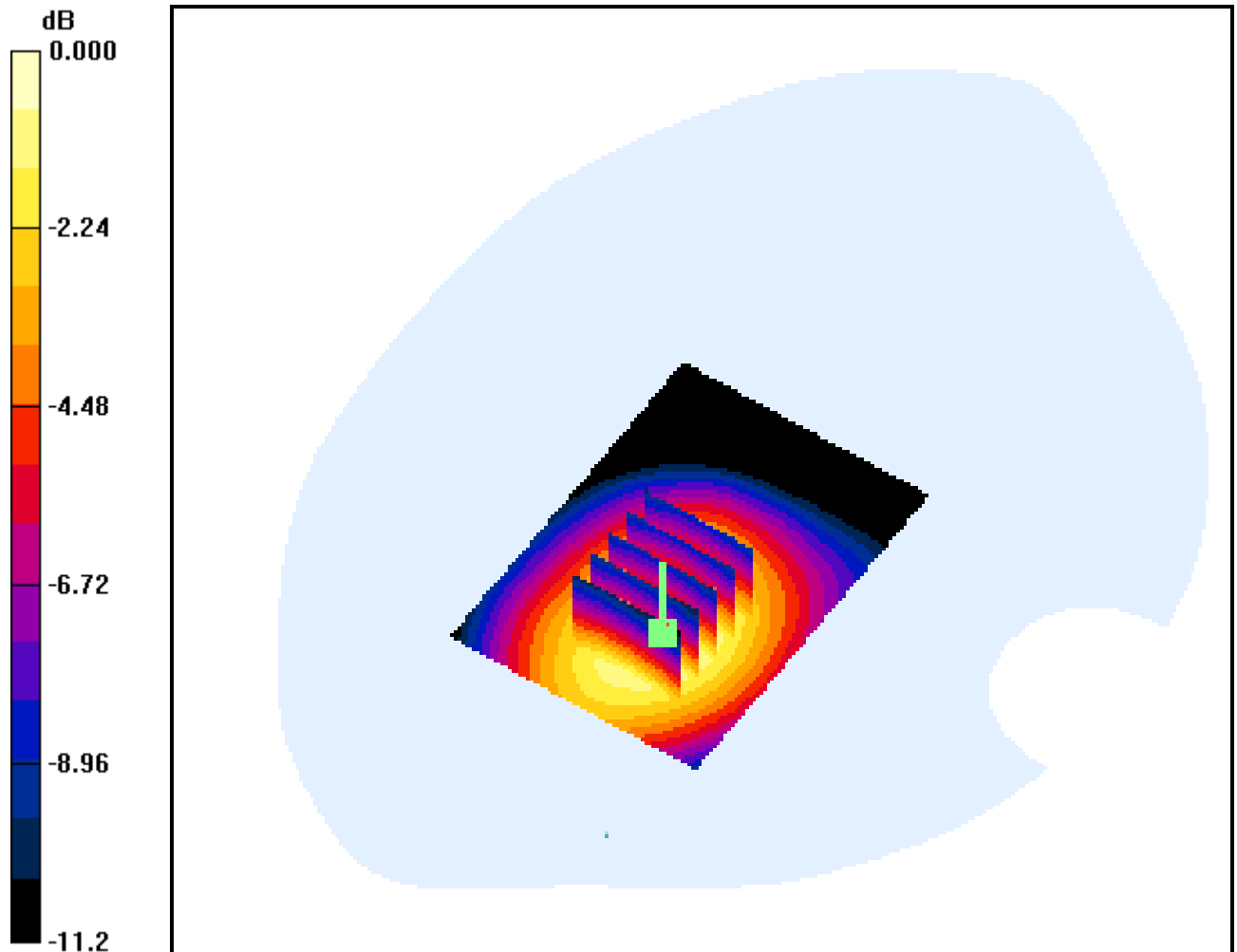
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.457 mW/g



0 dB = 0.725mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS850; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, WCDMA(FDD V) Ch.4233, Ant Internal

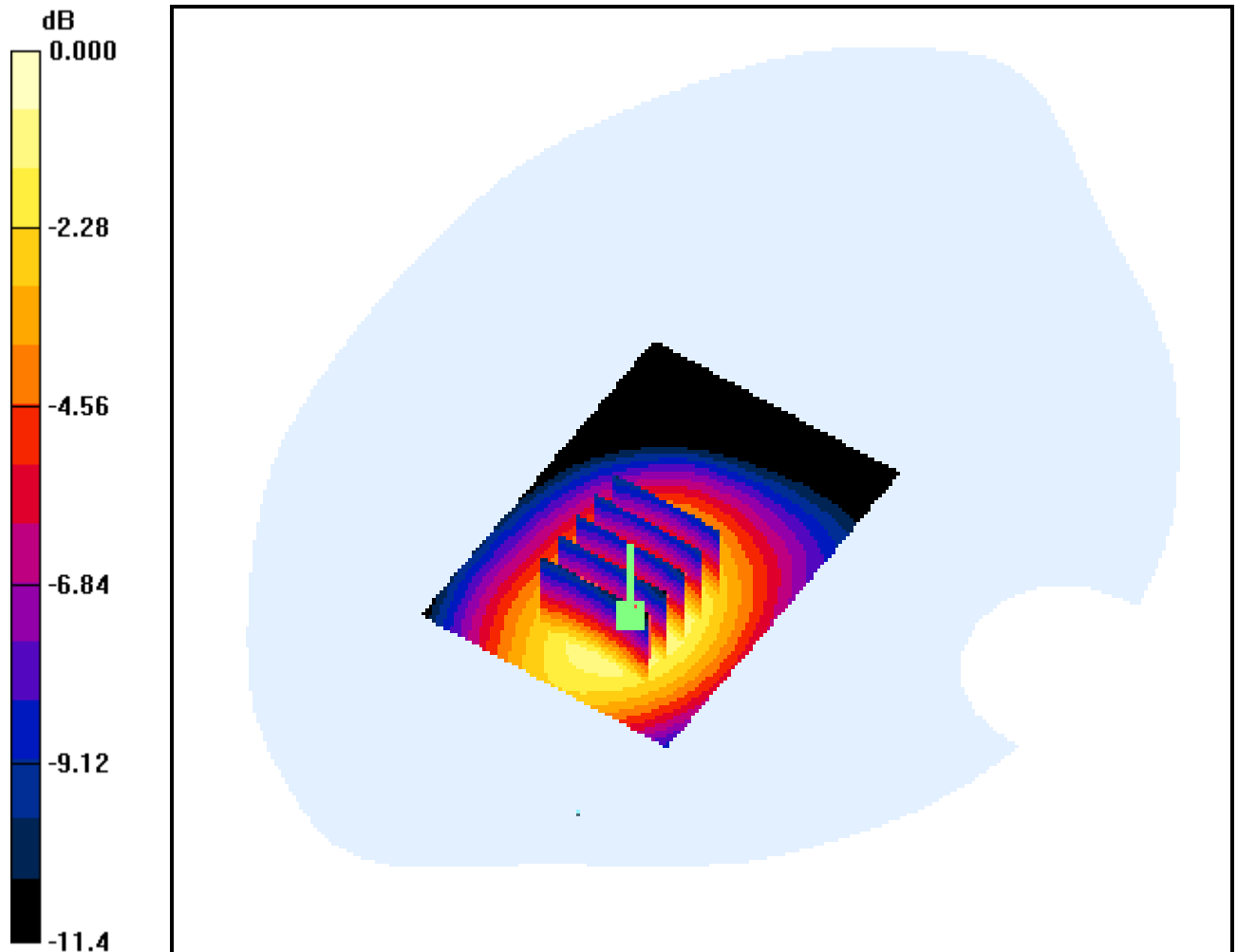
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.323 mW/g



0 dB = 0.522mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.951 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, WCDMA(FDD V) Ch.4182, Ant Internal

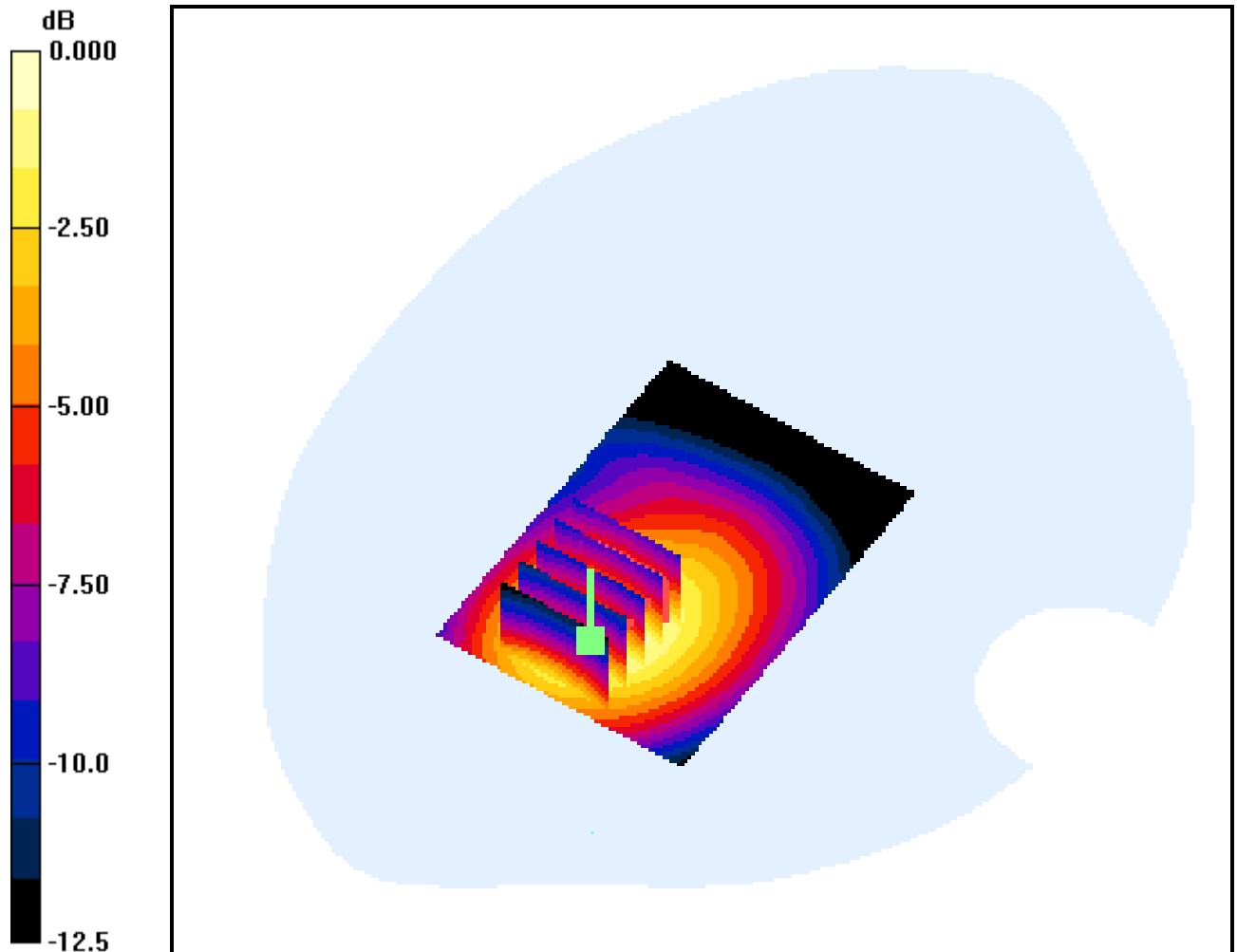
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.436 mW/g



0 dB = 0.702mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-29; Ambient Temp: 21.0; Tissue Temp: 21.2

12mm from Body, Top Side, WCDMA(FDD V) Ch.4182, Ant Internal

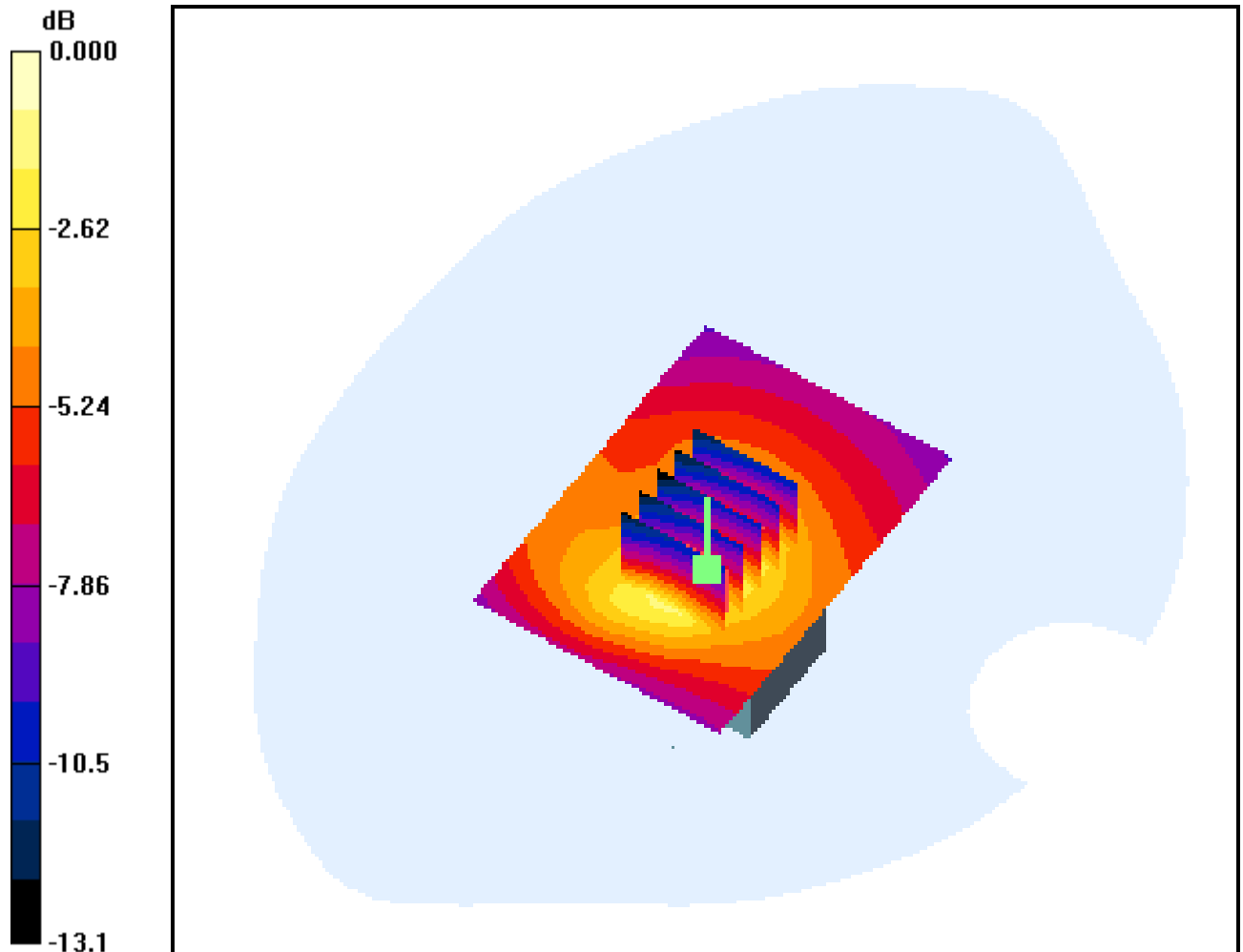
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.118mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop: Toshiba M100

Communication System: UMTS1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, WCDMA(FDD II) Ch.9262, Ant Internal

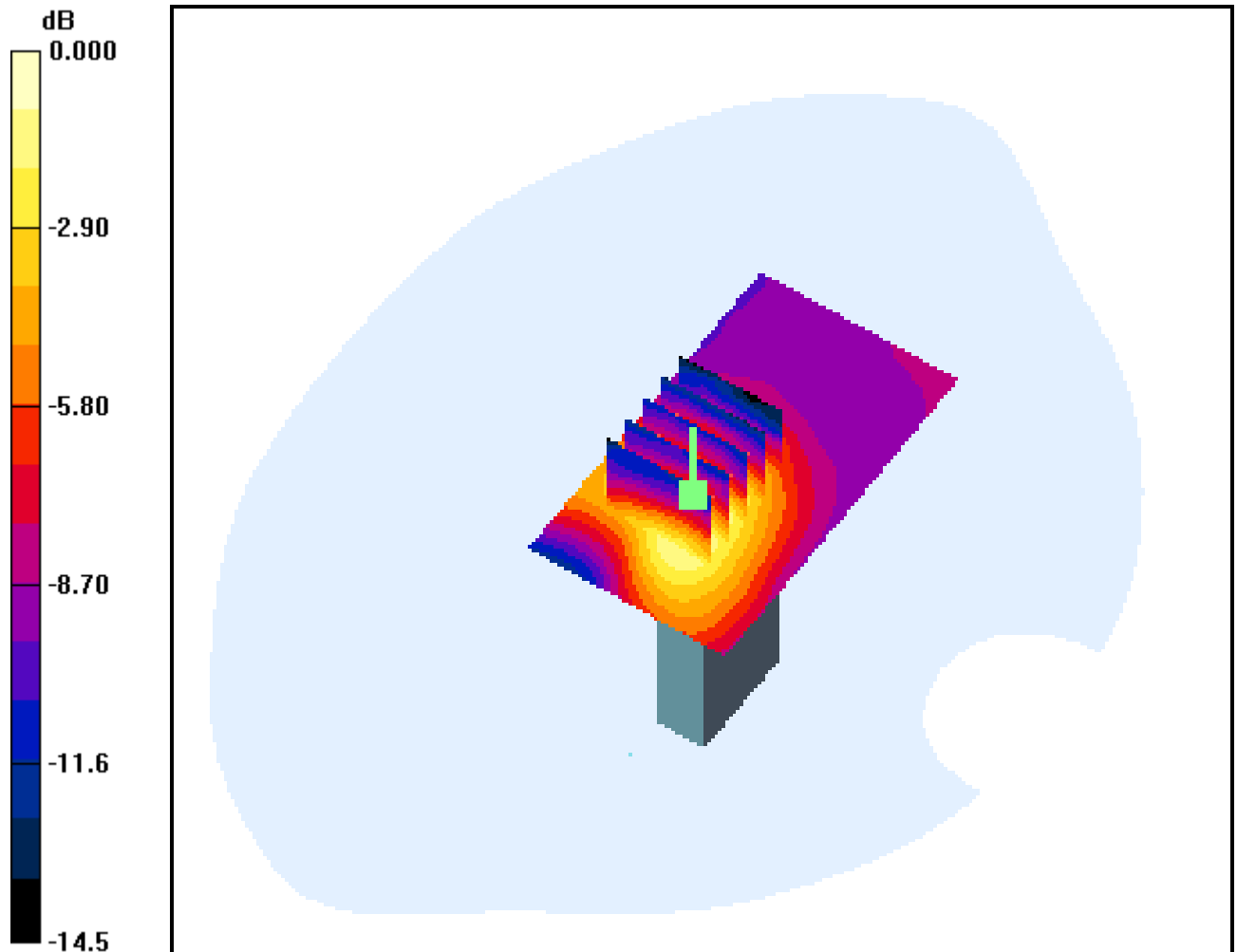
Area Scan (41x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.288 mW/g



0 dB = 0.540mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop: Toshiba M100

Communication System: UMTS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, WCDMA(FDD II) Ch.9400, Ant Internal

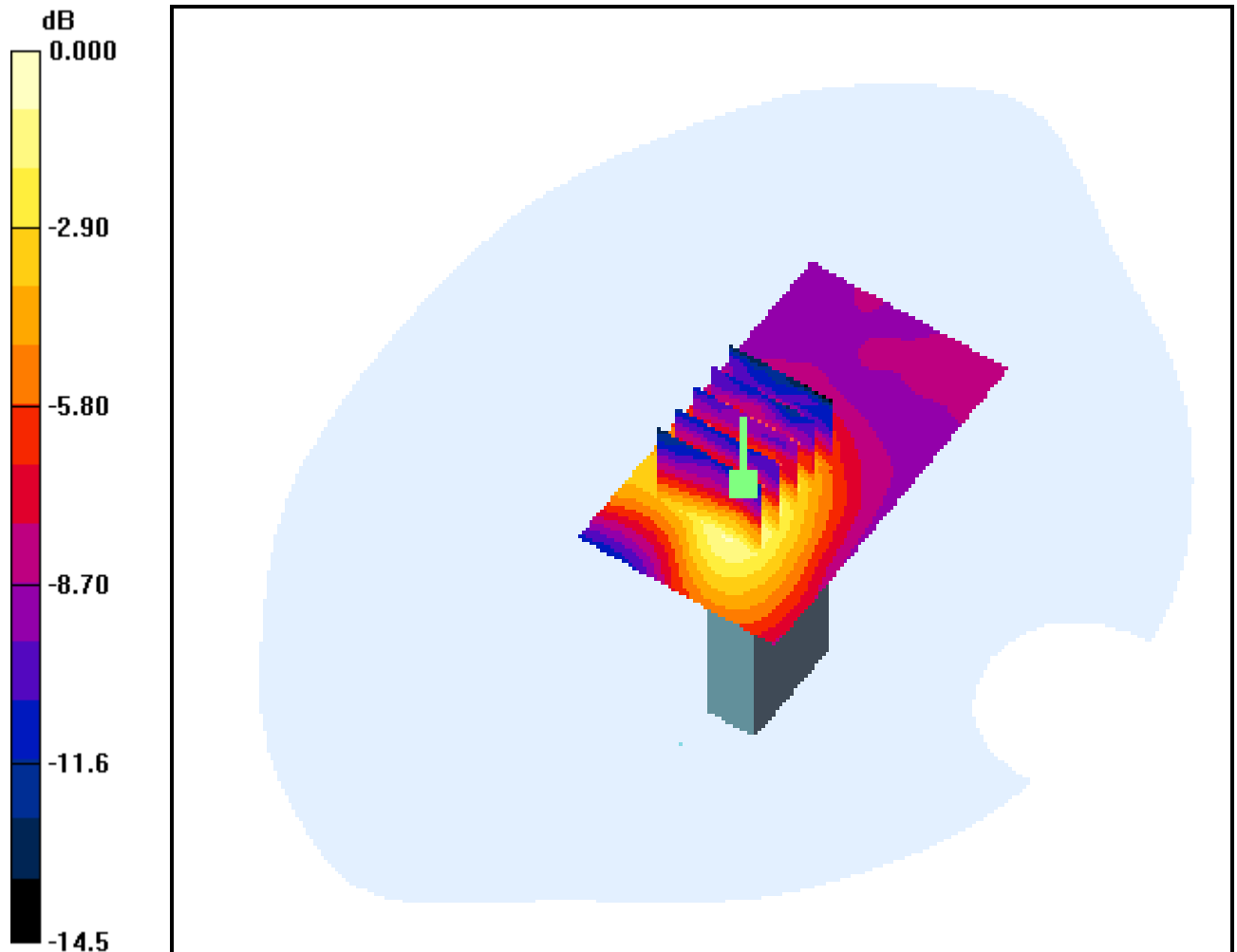
Area Scan (41x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.207 mW/g



0 dB = 0.386mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem; Laptop: Toshiba M100

Communication System: UMTS1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-07-01; Ambient Temp: 21.5; Tissue Temp: 21.2

5.5mm from Body, WCDMA(FDD II) Ch.9538, Ant Internal

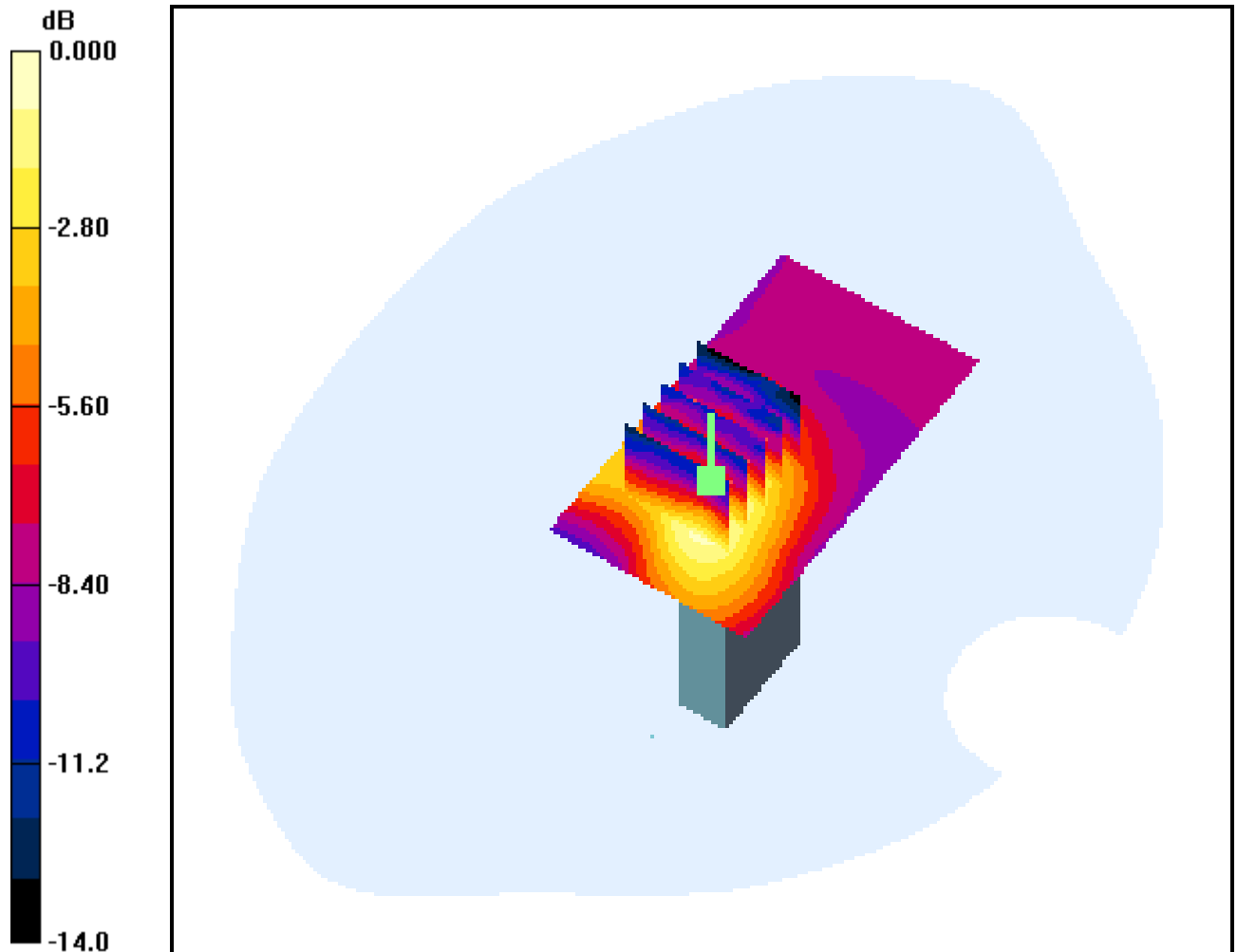
Area Scan (41x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.189 mW/g



0 dB = 0.345mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Front Side, WCDMA(FDD II) Ch.9400, Ant Internal

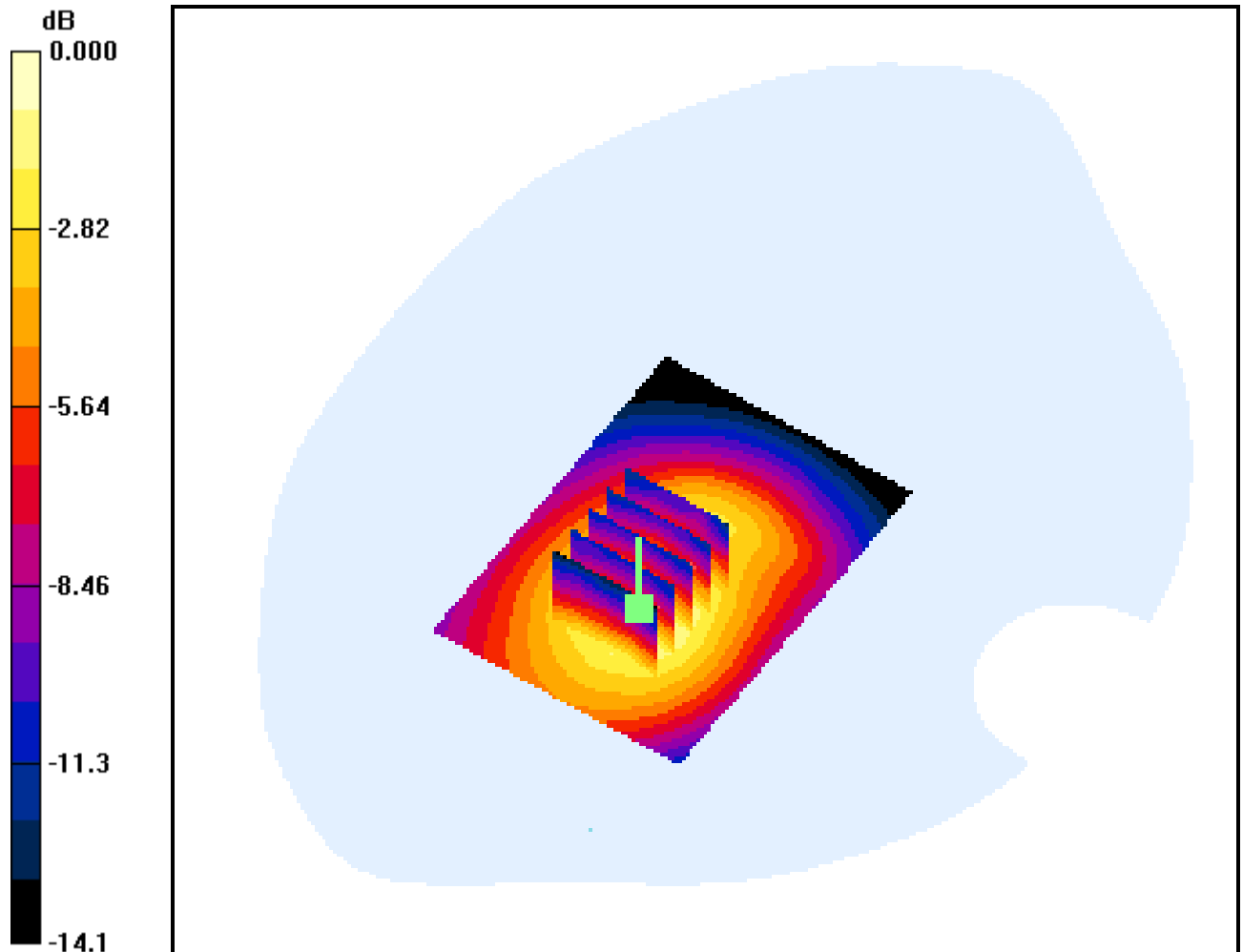
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.200 mW/g



0 dB = 0.343mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, WCDMA(FDD II) Ch.9262, Ant Internal

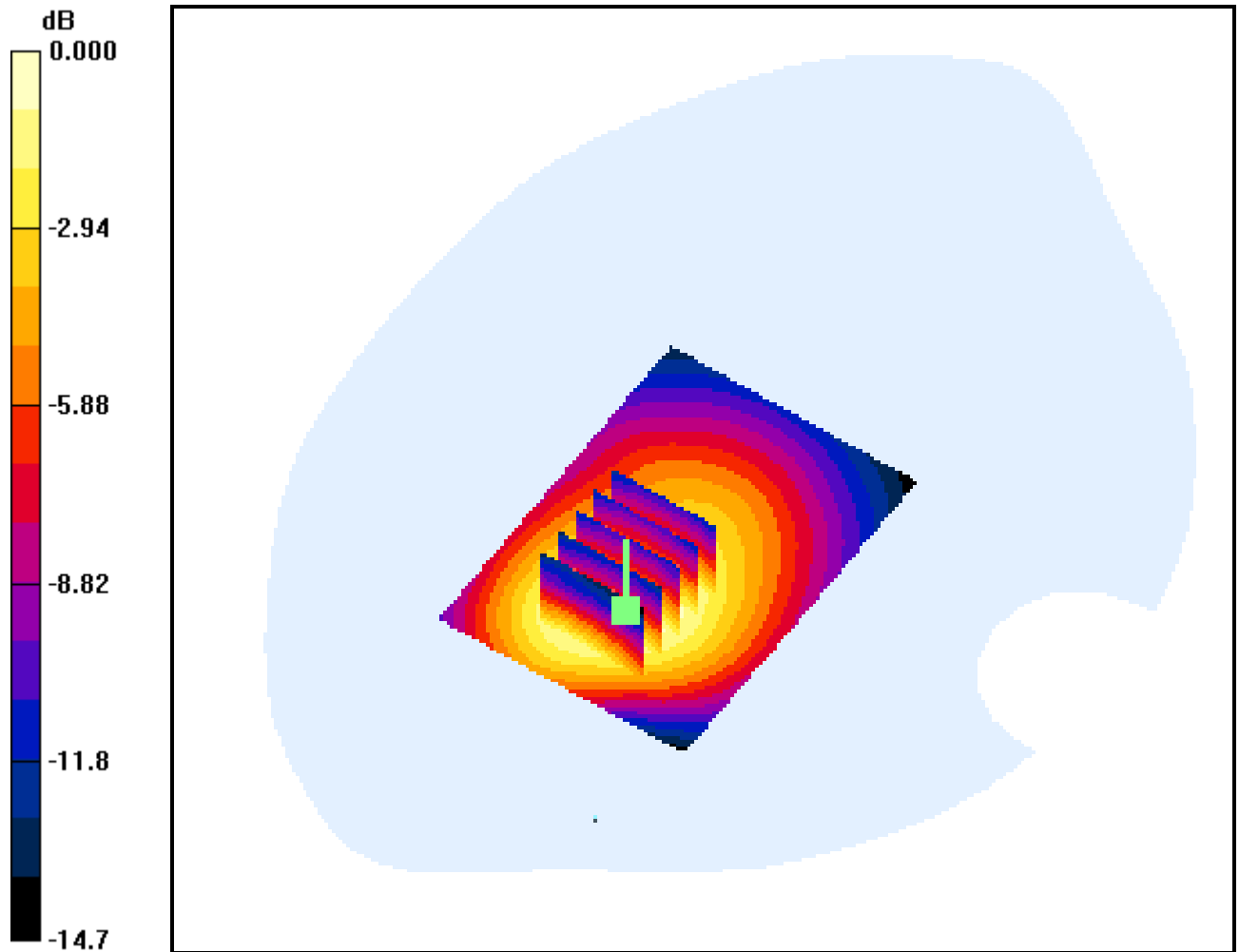
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.280 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.469 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, WCDMA(FDD II) Ch.9400, Ant Internal

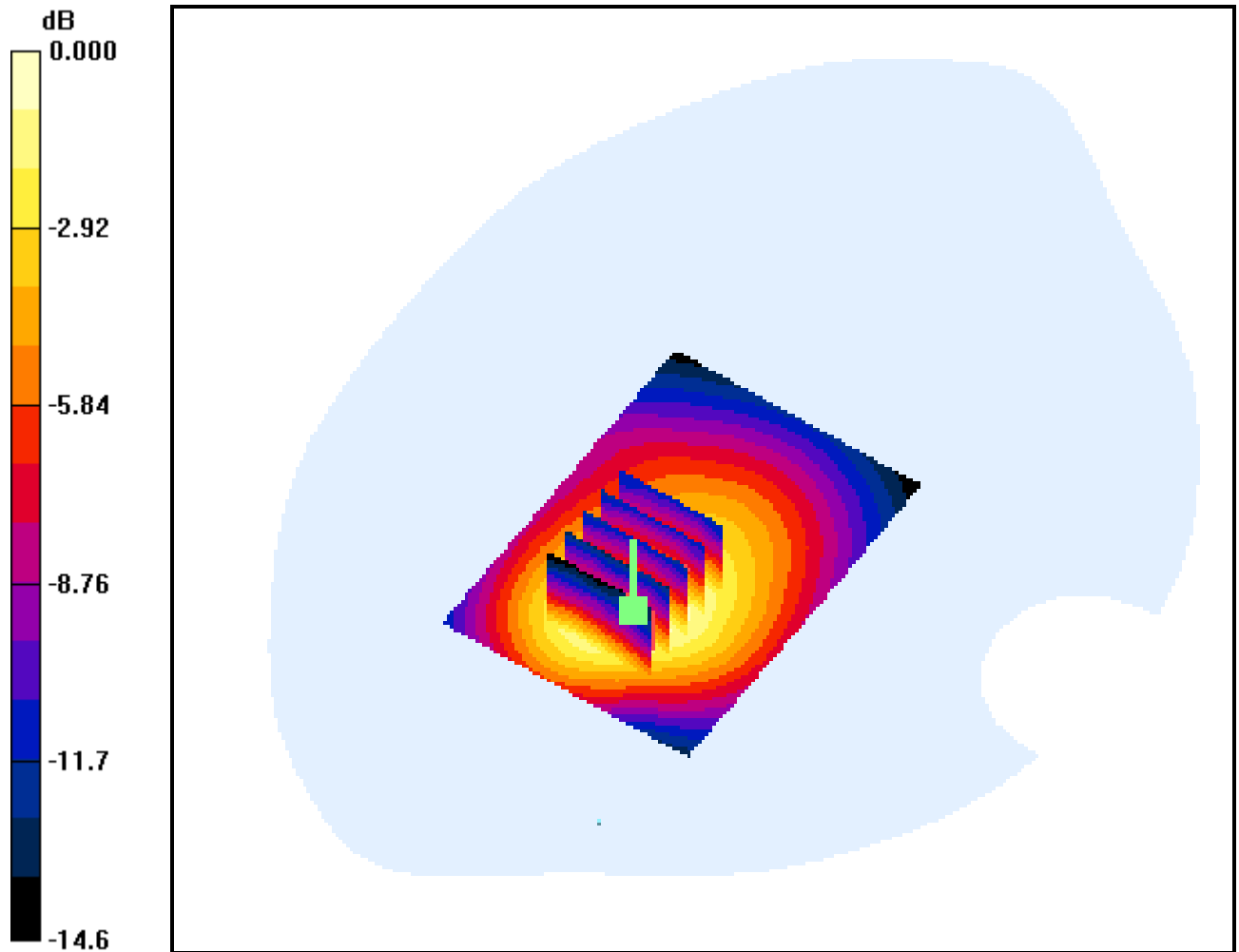
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.296 mW/g



0 dB = 0.503mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1907.6 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, WCDMA(FDD II) Ch.9538, Ant Internal

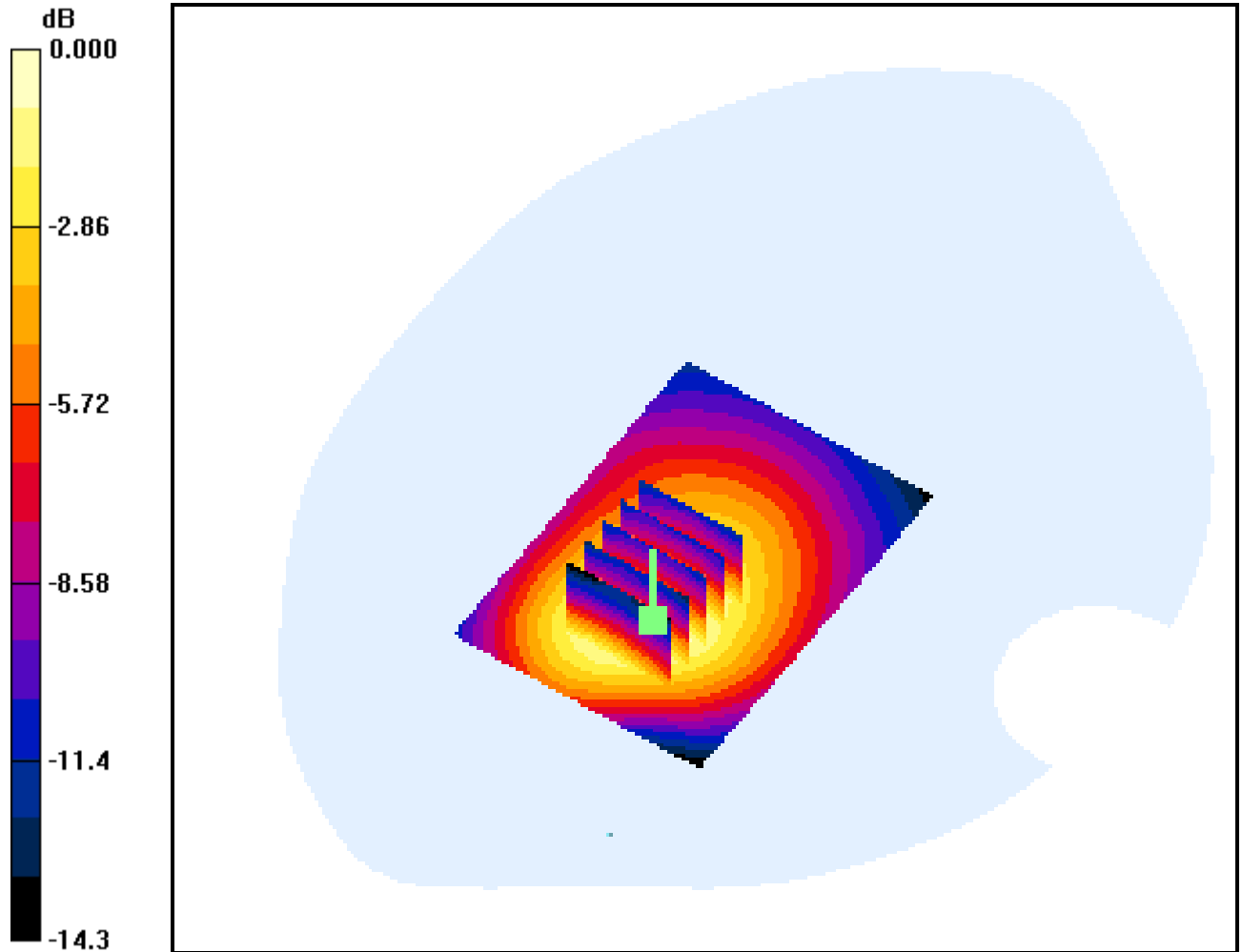
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.298 mW/g



0 dB = 0.496mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-30; Ambient Temp: 21.5; Tissue Temp: 21.3

12mm from Body, Top Side, WCDMA(FDD II) Ch.9400, Ant Internal

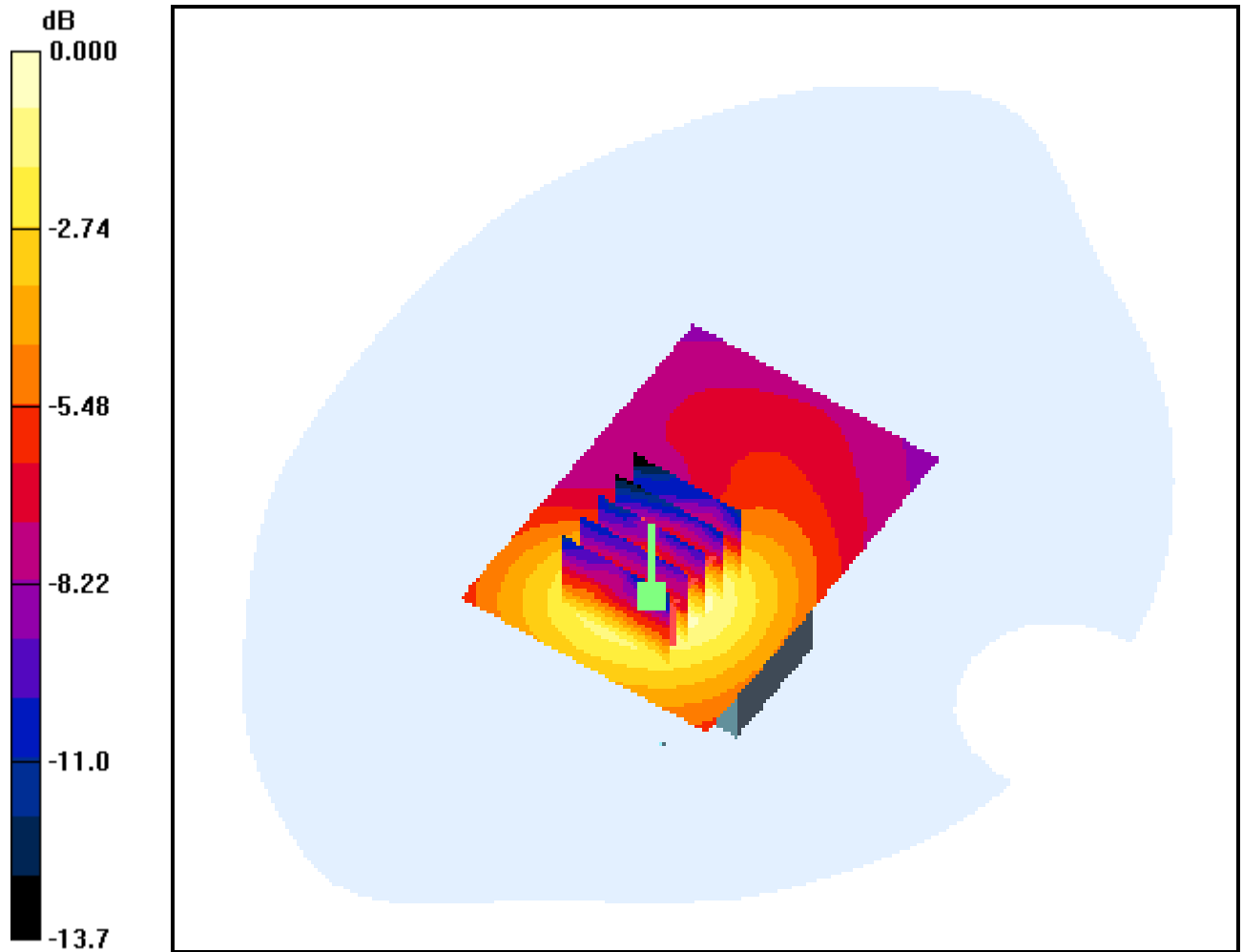
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.150 mW/g



0 dB = 0.255mW/g

DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Back Side, GSM850 Ch.251, Ant Internal, GPRS Class 12 Mode

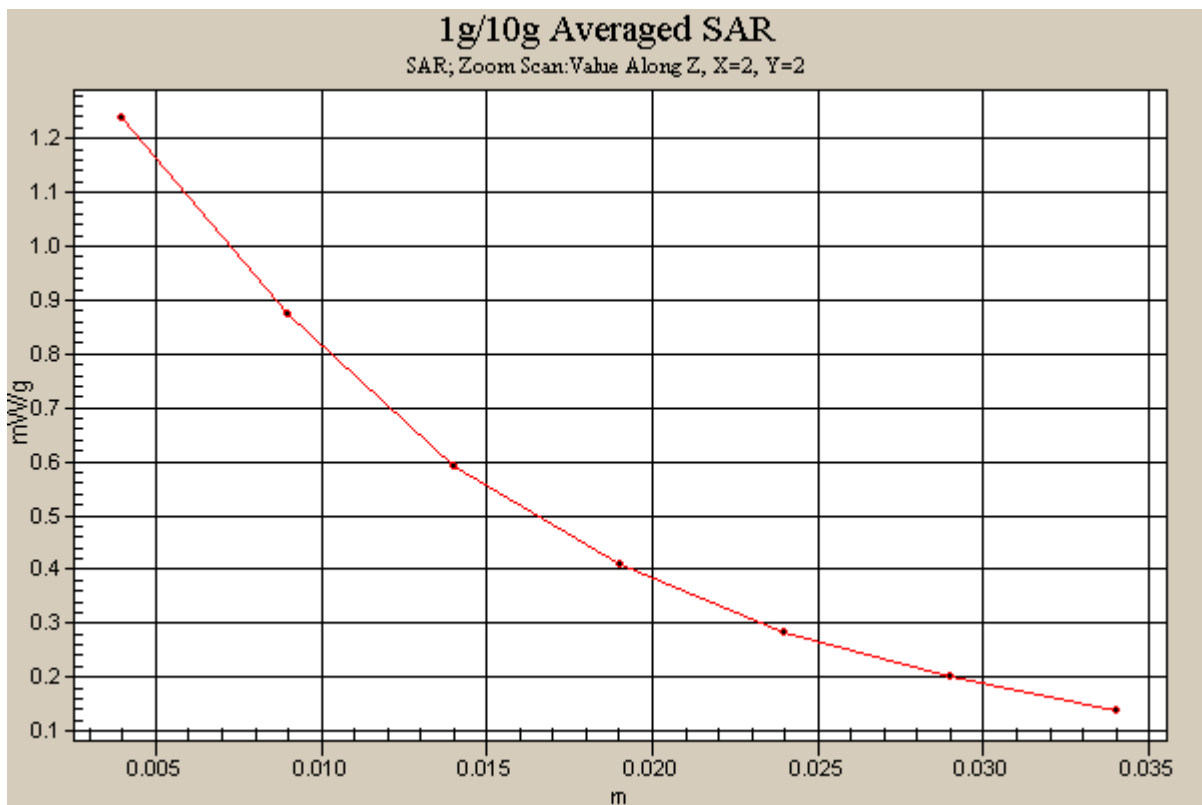
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.758 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, PCS1900 Ch.512, Ant Internal, GPRS Class 12 Mode

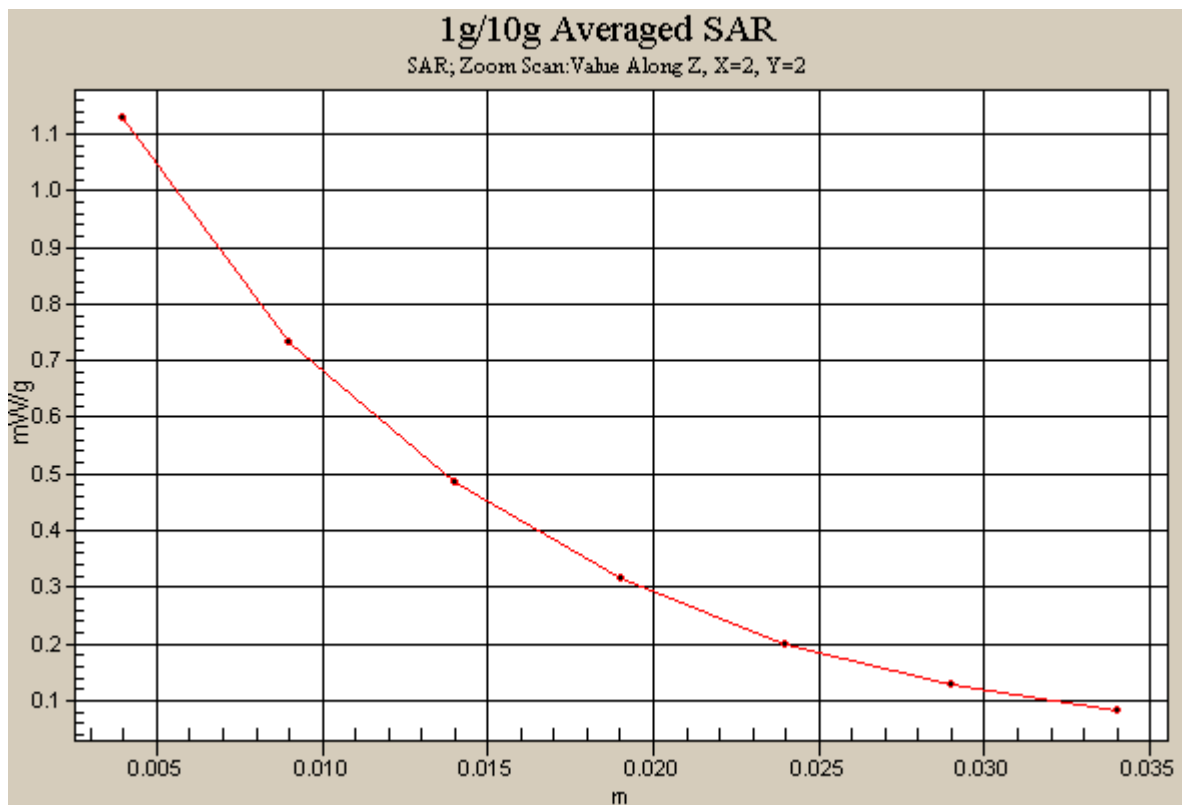
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.661 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS850; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.951 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.16, 6.16, 6.16); Calibrated: 2008-01-29; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-01; Ambient Temp: 21.0; Tissue Temp: 21.5

12mm from Body, Front Side, WCDMA(FDD V) Ch.4182, Ant Internal

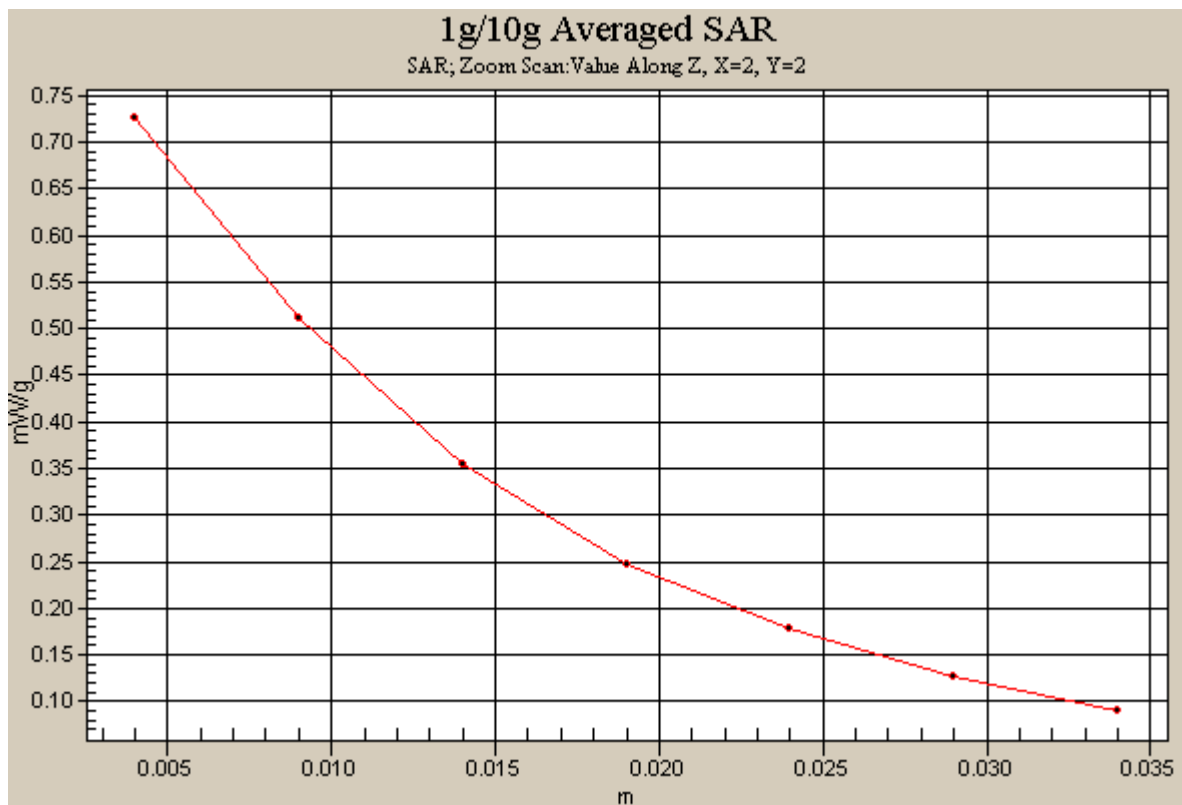
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.457 mW/g



DIGITAL EMC CO., LTD

DUT: SDC-1000; Type: USB Modem

Communication System: UMTS1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.86, 4.86, 4.86); Calibrated: 2008-01-29; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-08-04; Ambient Temp: 21.2; Tissue Temp: 21.5

12mm from Body, Back Side, WCDMA(FDD II) Ch.9262, Ant Internal

Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.280 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.469 mW/g

