

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: $f = 835 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.0; Tissue Temp: 21.2

Dipole Validation

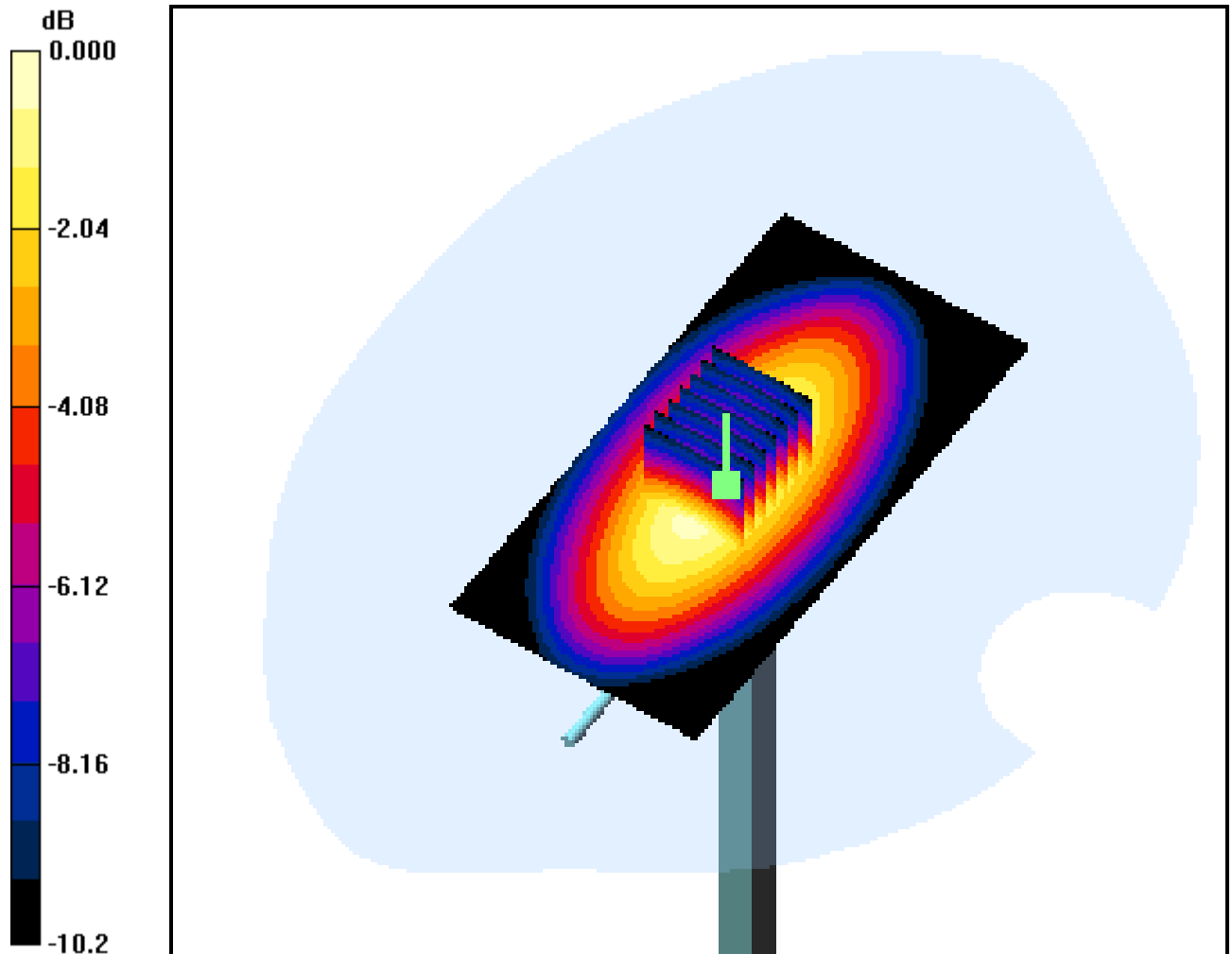
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.095 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.62 mW/g



0 dB = 2.64mW/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: $f = 1900$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

Dipole Validation

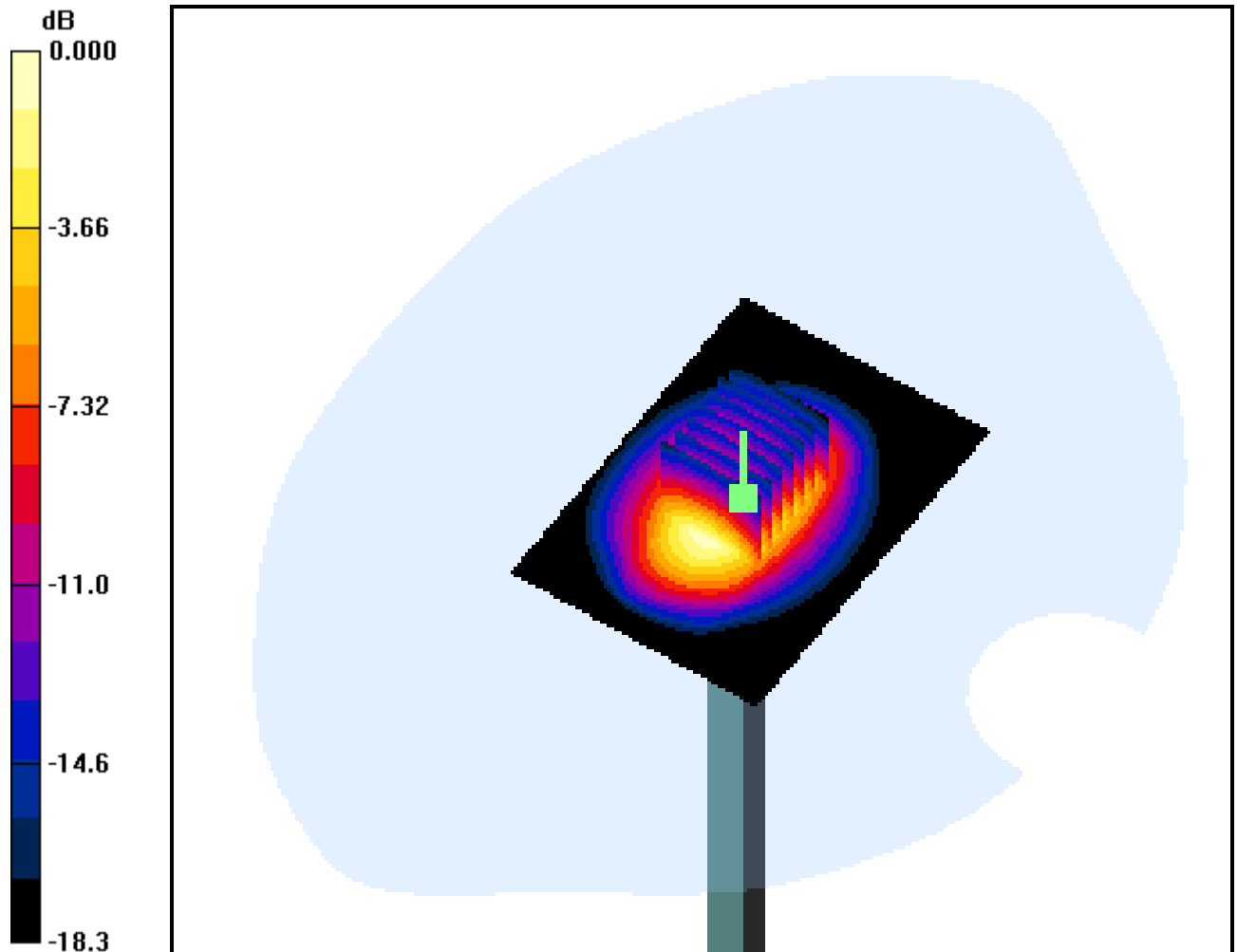
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.030 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.27 mW/g



0 dB = 11.4mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

7.5mm from Body, CDMA_Cellular Ch.1013, Ant Fixed, Horizontal

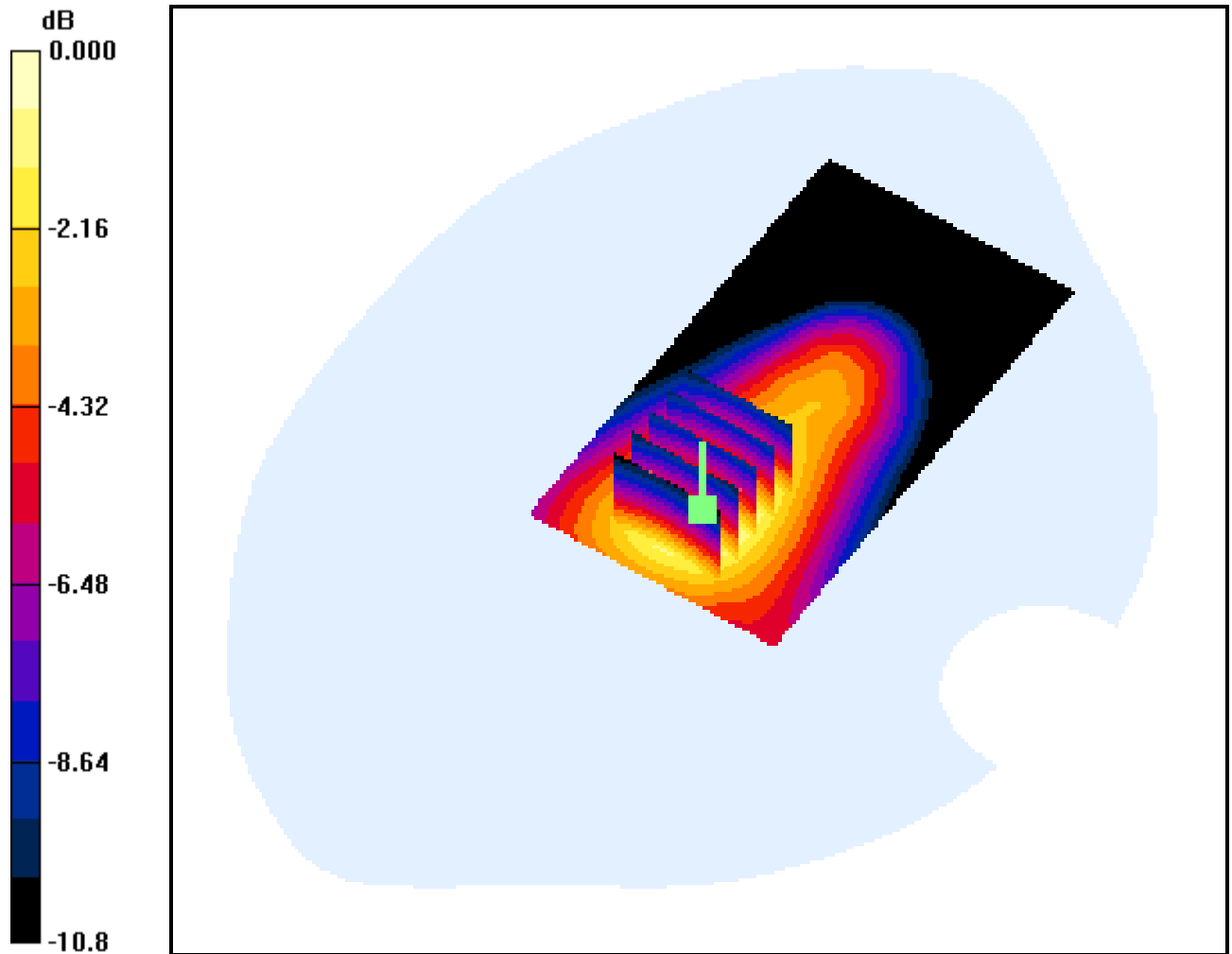
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.29 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.613 mW/g



0 dB = 0.995mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

7.5mm from Body, CDMA_Cellular Ch.384, Ant Fixed, Horizontal

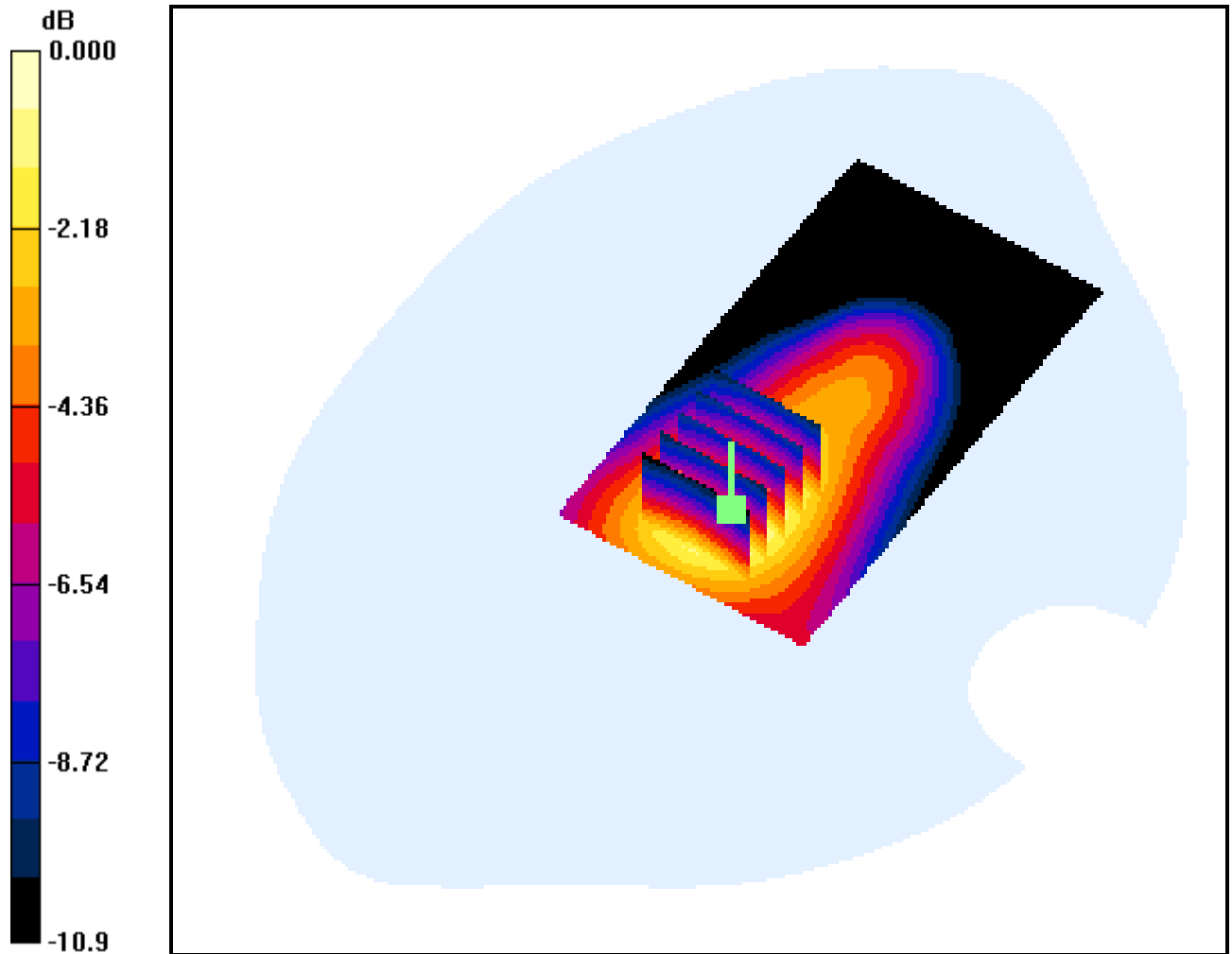
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.888 mW/g



0 dB = 1.46mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

7.5mm from Body, CDMA_Cellular Ch.777, Ant Fixed, Horizontal

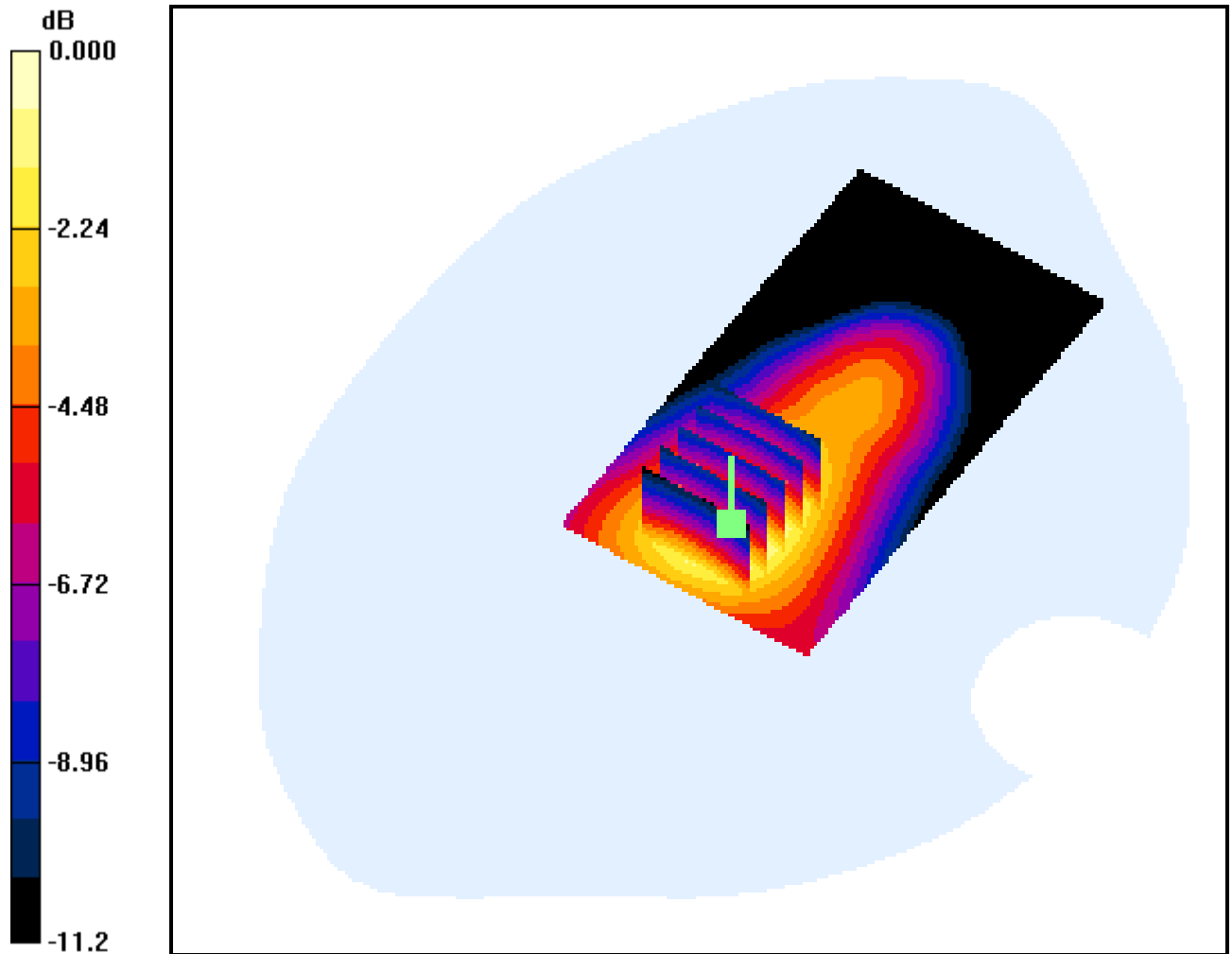
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.076 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.736 mW/g



0 dB = 1.20mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

7.5mm from Body, CDMA_EV-DO Ch.1013, Ant Fixed, Horizontal

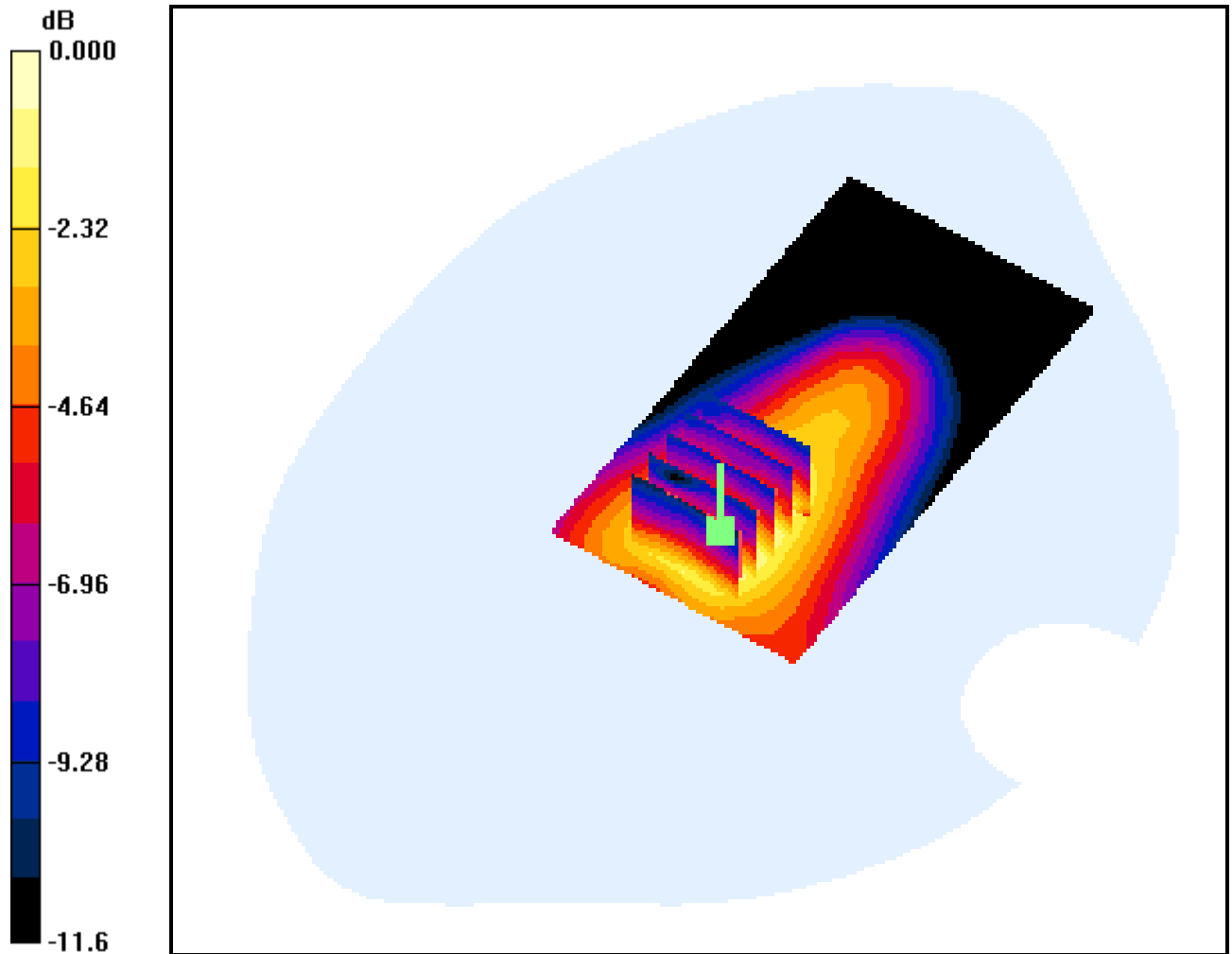
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.158 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.511 mW/g



0 dB = 0.827mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

7.5mm from Body, CDMA_EV-DO Ch.384, Ant Fixed, Horizontal

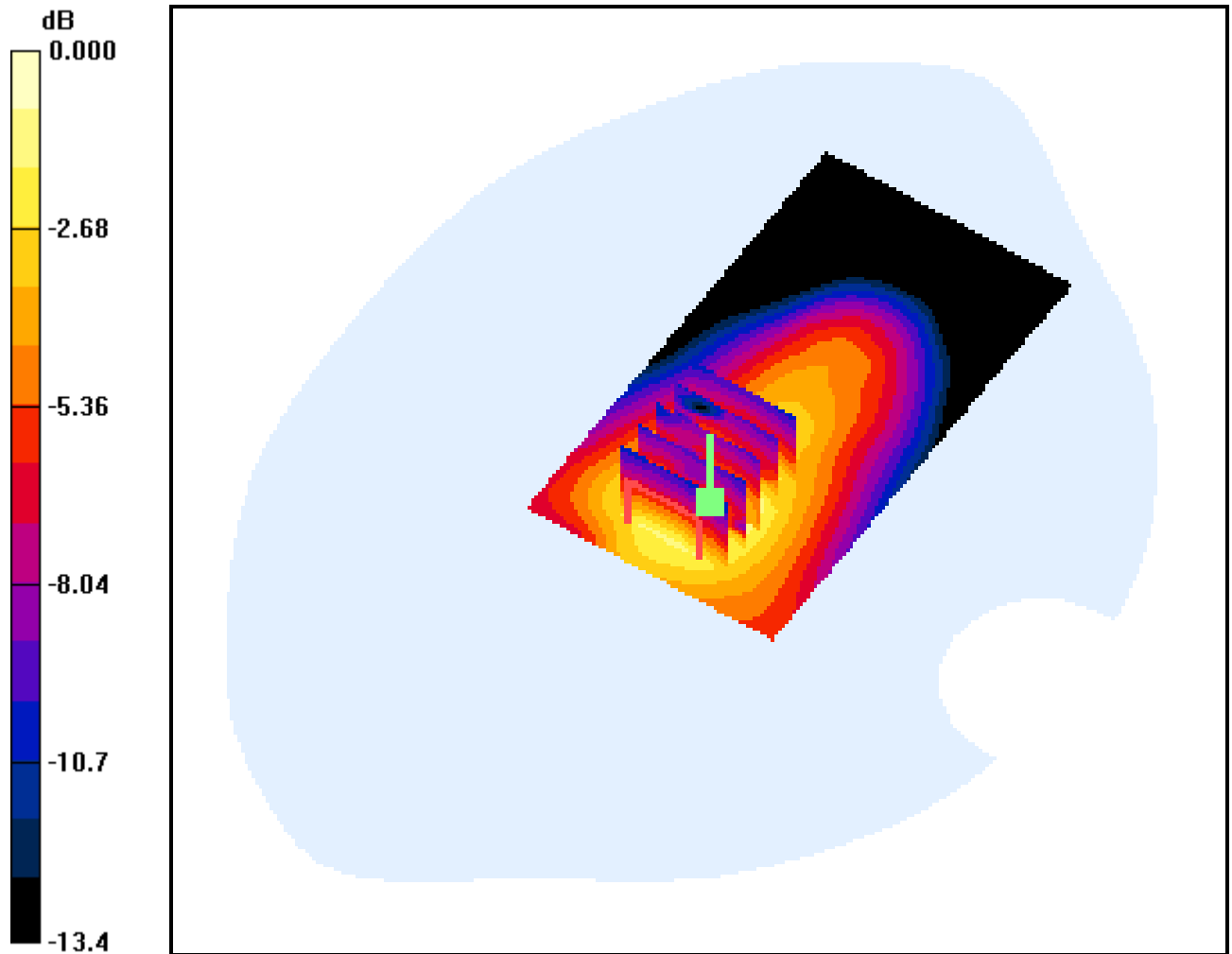
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.046 dB

Peak SAR (extrapolated) = 4.92 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.693 mW/g



0 dB = 1.23mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

7.5mm from Body, CDMA_EV-DO Ch.777, Ant Fixed, Horizontal

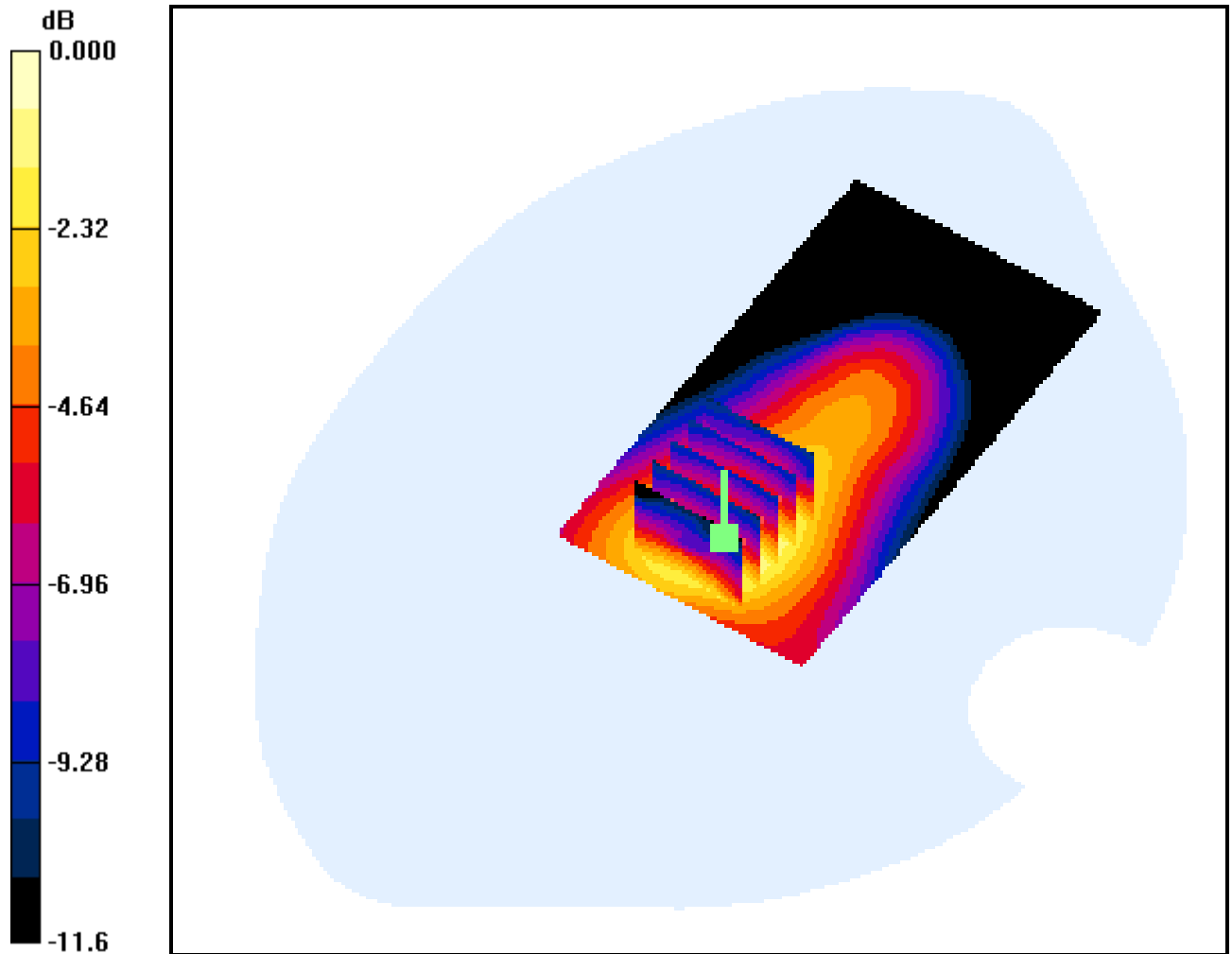
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.599 mW/g



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_Cellular Ch.1013, Ant Fixed, Vertical

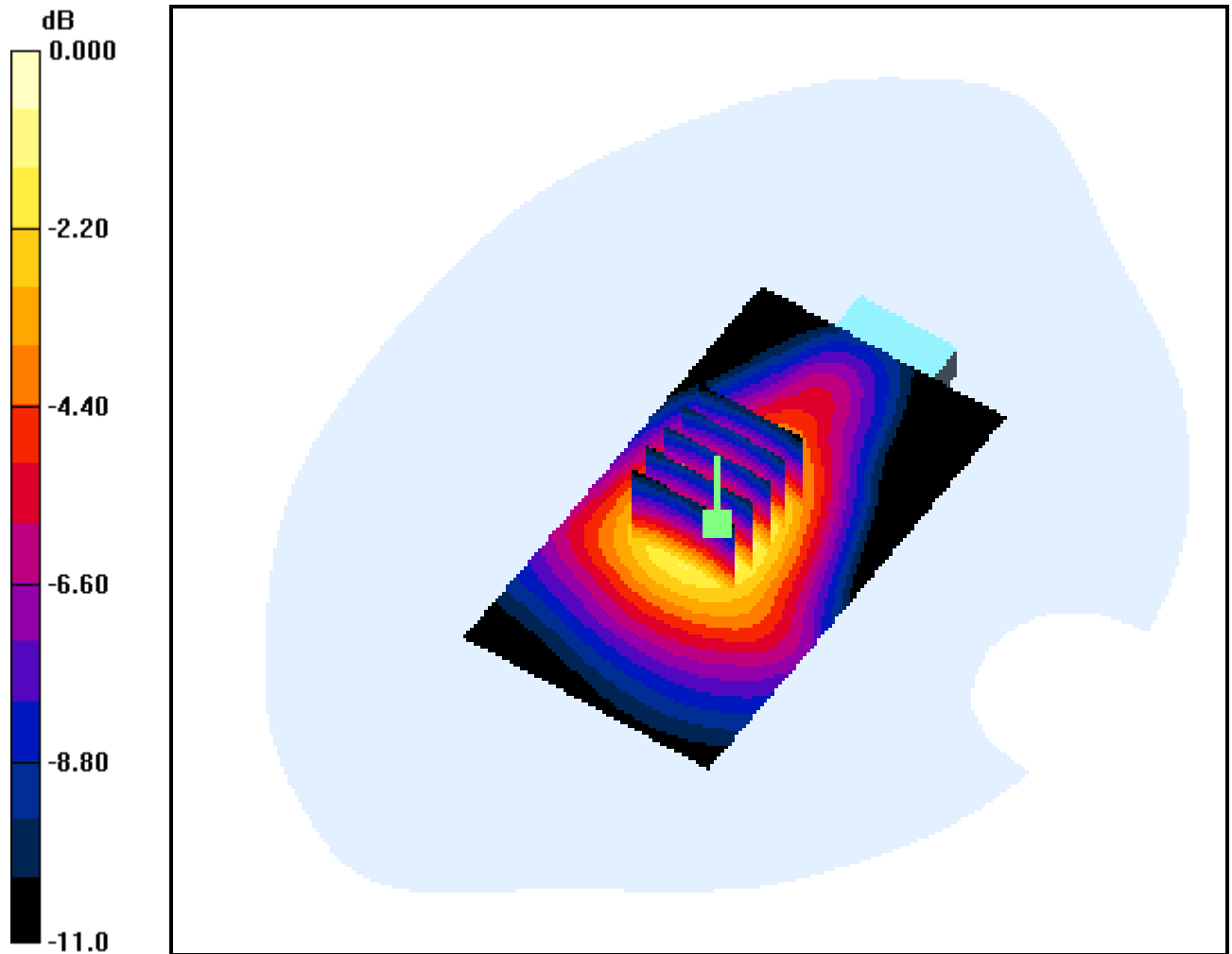
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.070 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.606 mW/g



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_Cellular Ch.384, Ant Fixed, Vertical

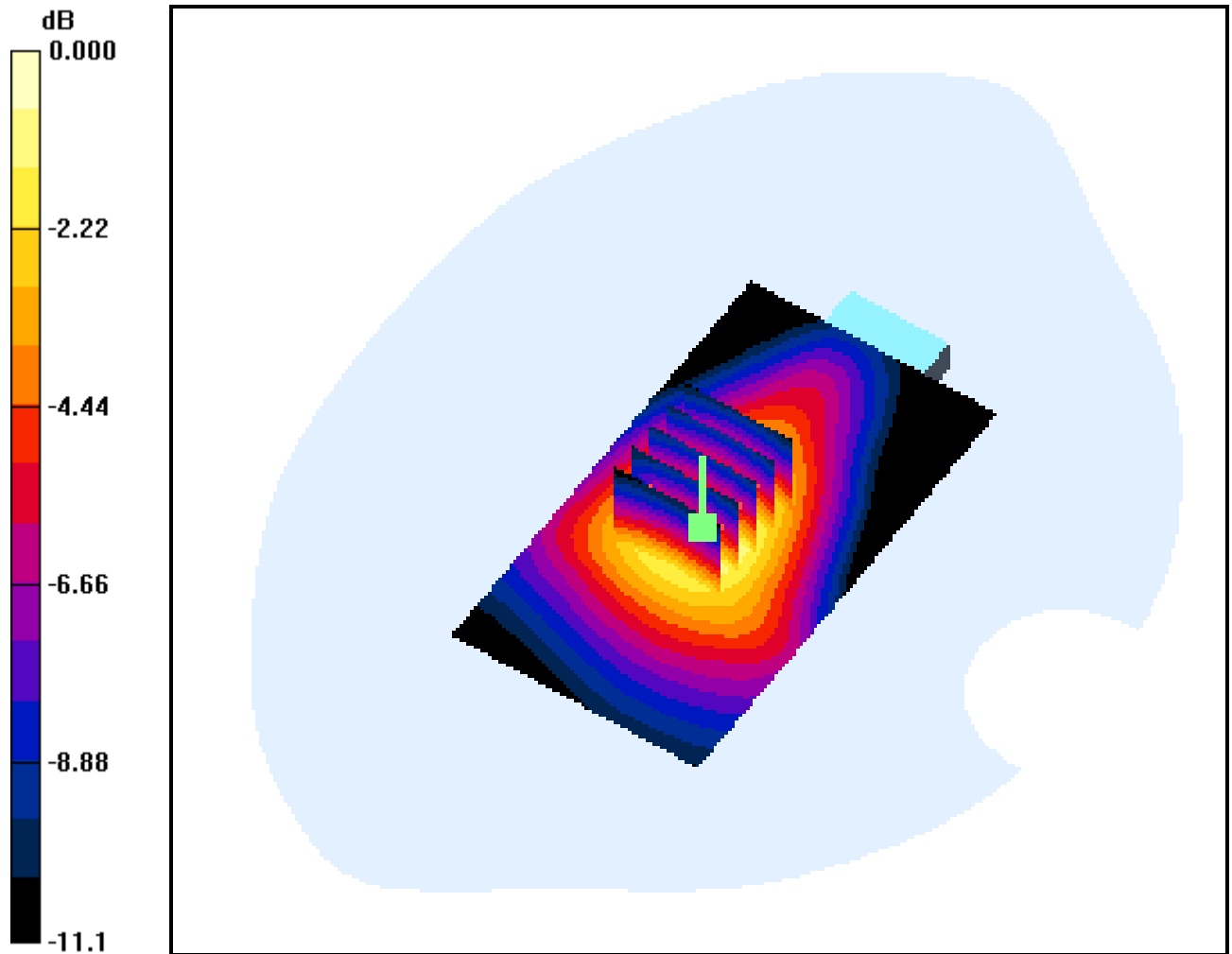
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.124 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.884 mW/g



0 dB = 1.52mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_Cellular Ch.777, Ant Fixed, Vertical

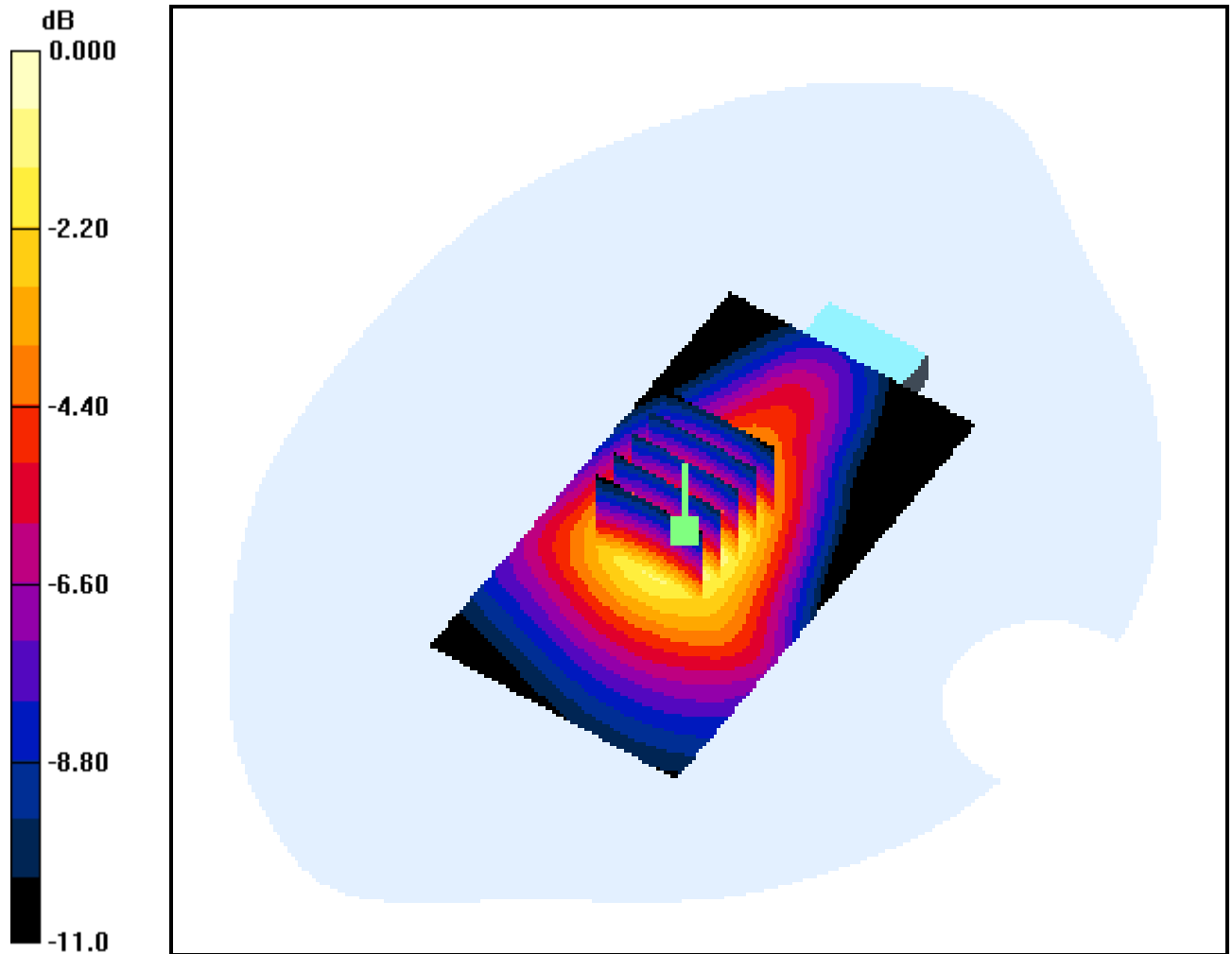
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.73 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.756 mW/g



0 dB = 1.26mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_EV-DO Ch.1013, Ant Fixed, Vertical

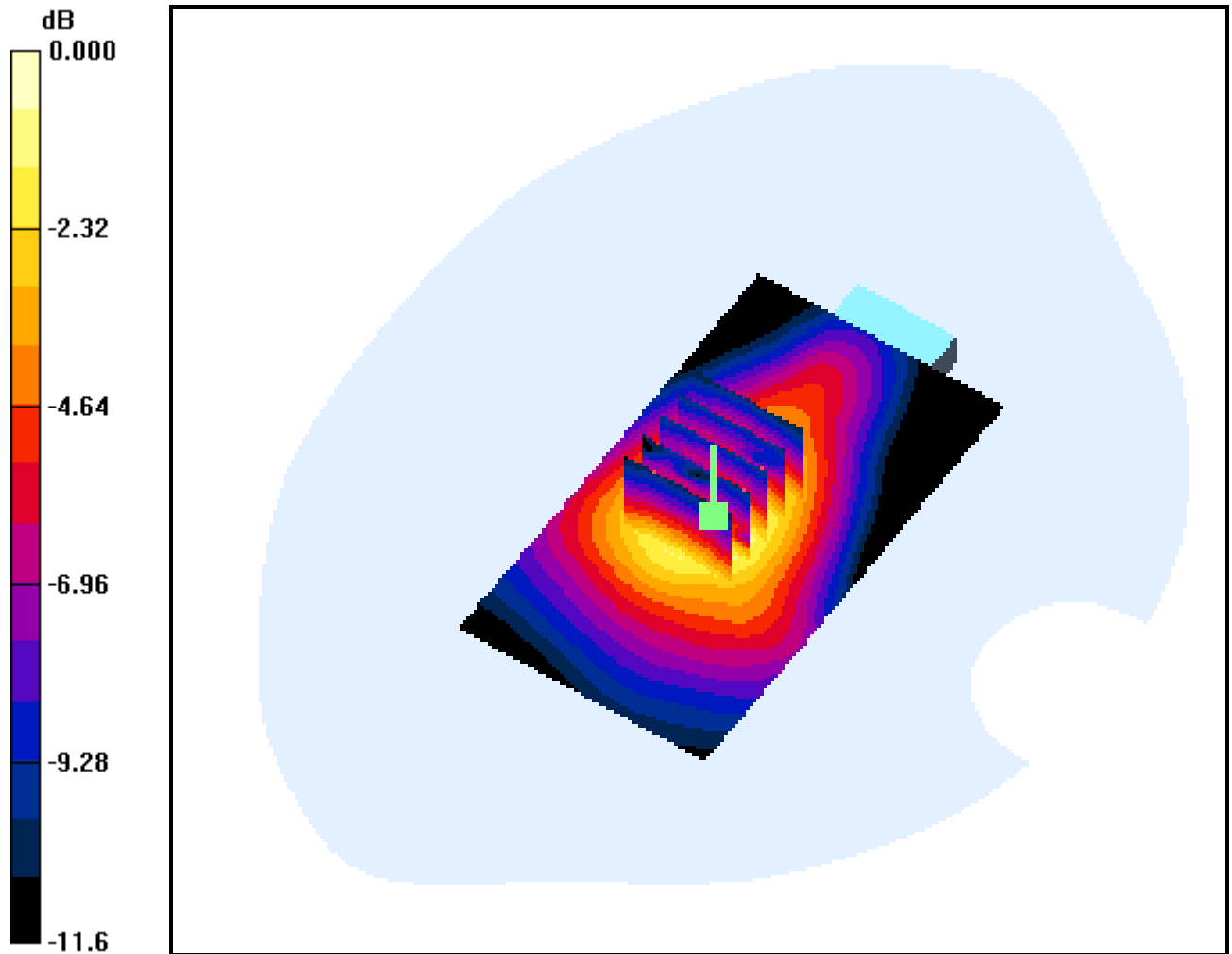
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.214 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.498 mW/g



0 dB = 0.846mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_EV-DO Ch.384, Ant Fixed, Vertical

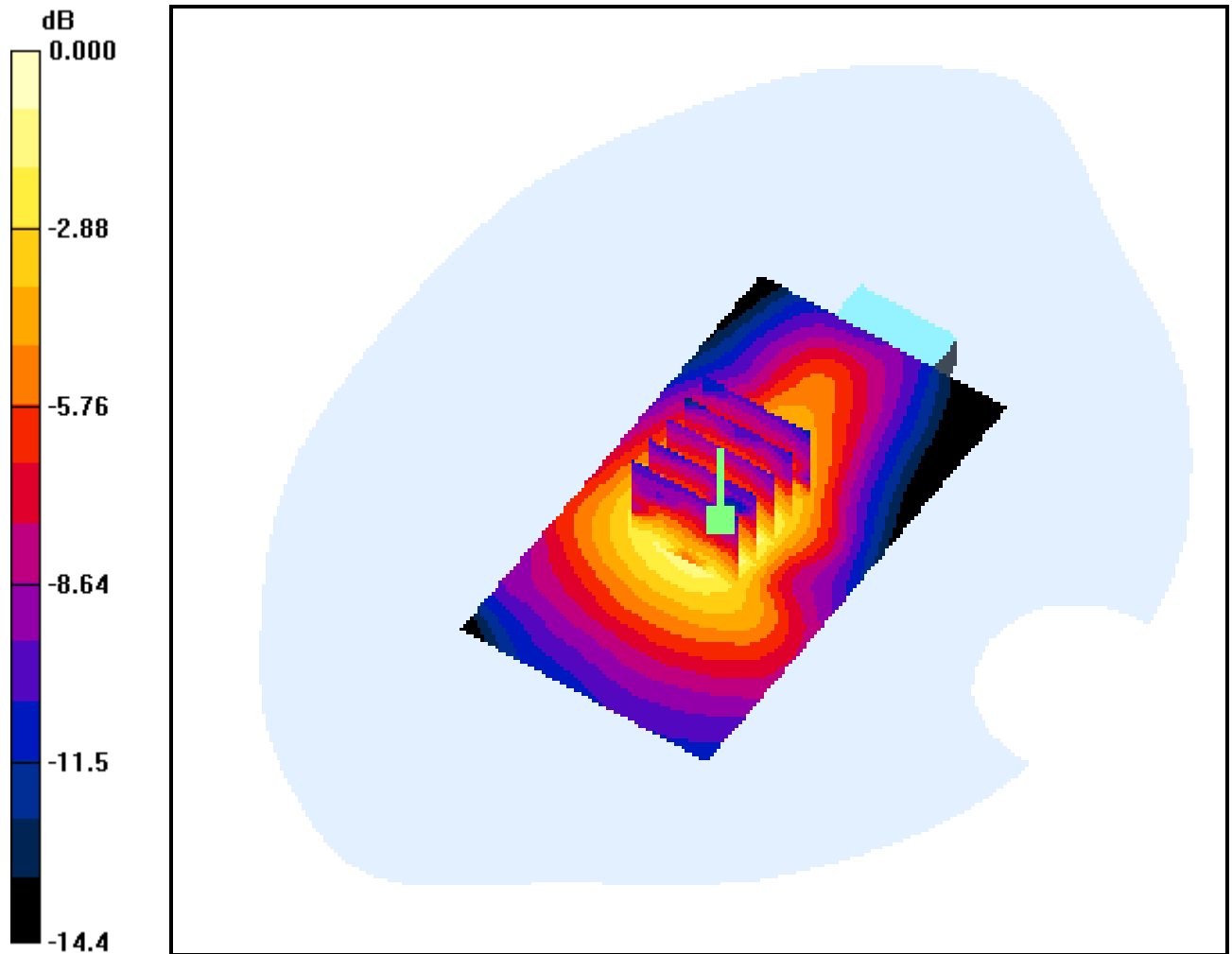
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.816 mW/g



0 dB = 1.38mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_EV-DO Ch.777, Ant Fixed, Vertical

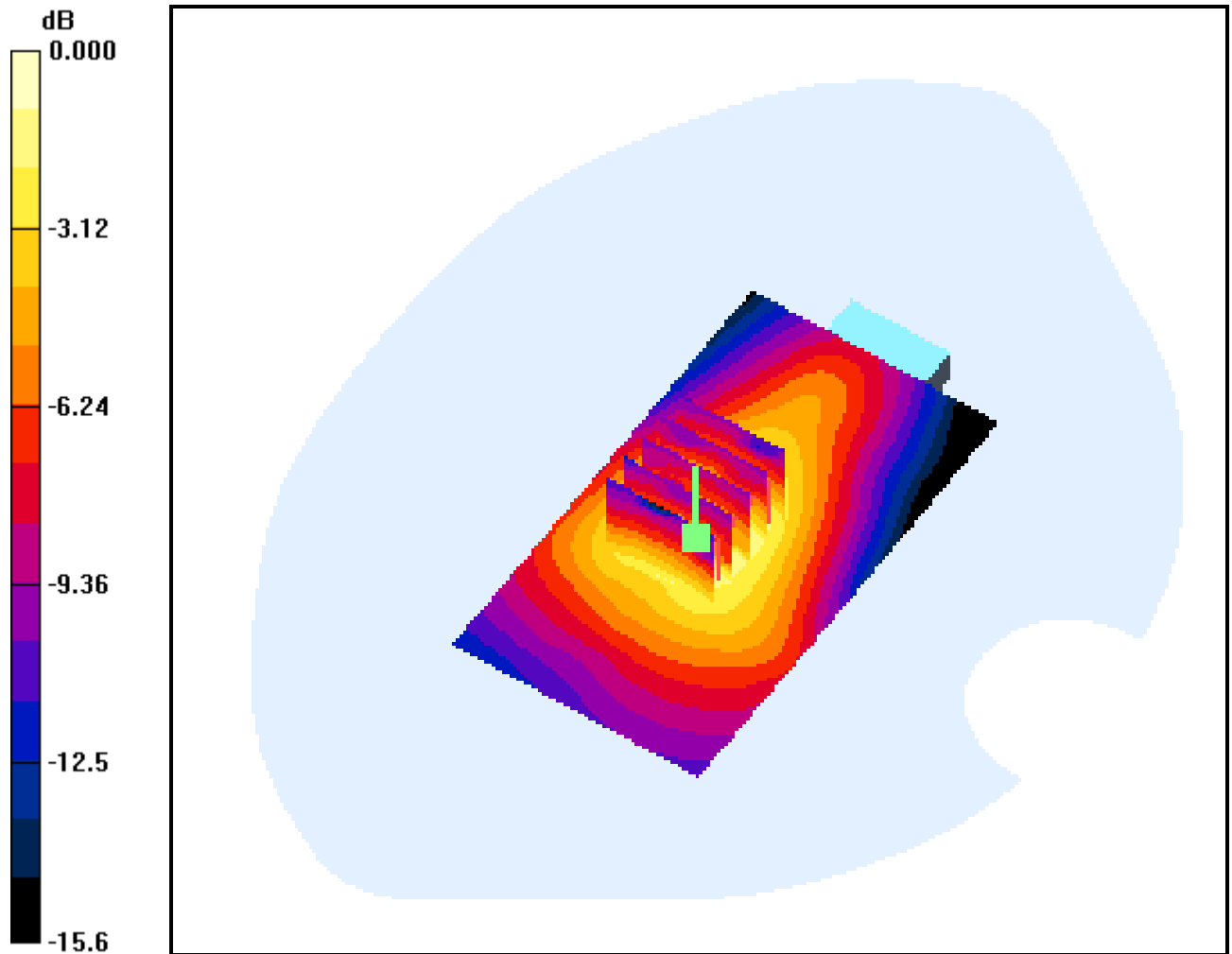
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.061 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.652 mW/g



0 dB = 1.11mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, CDMA_PCS Ch.25, Ant Fixed, Horizontal

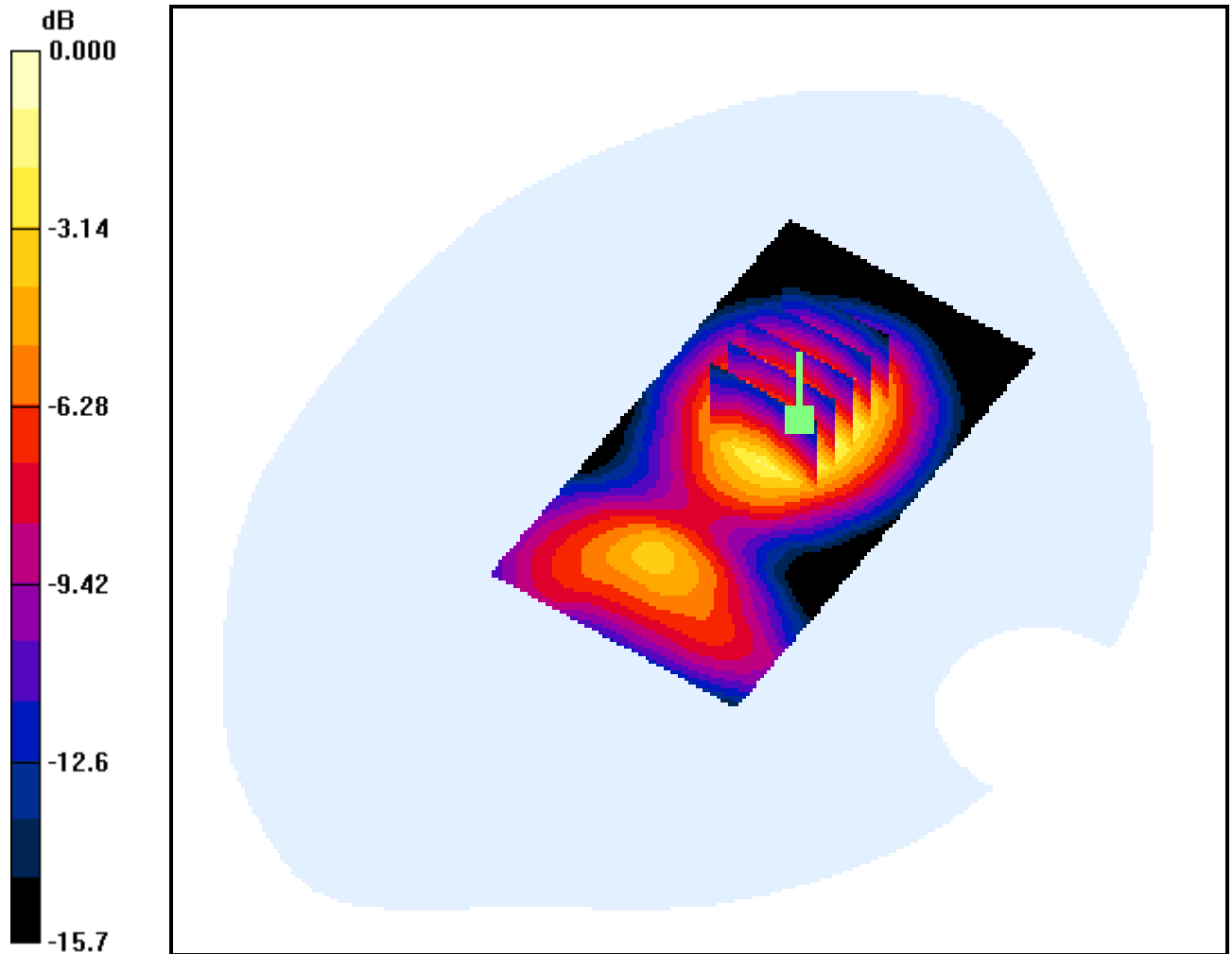
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.054 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.691 mW/g



0 dB = 1.26mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, CDMA_PCS Ch.600, Ant Fixed, Horizontal

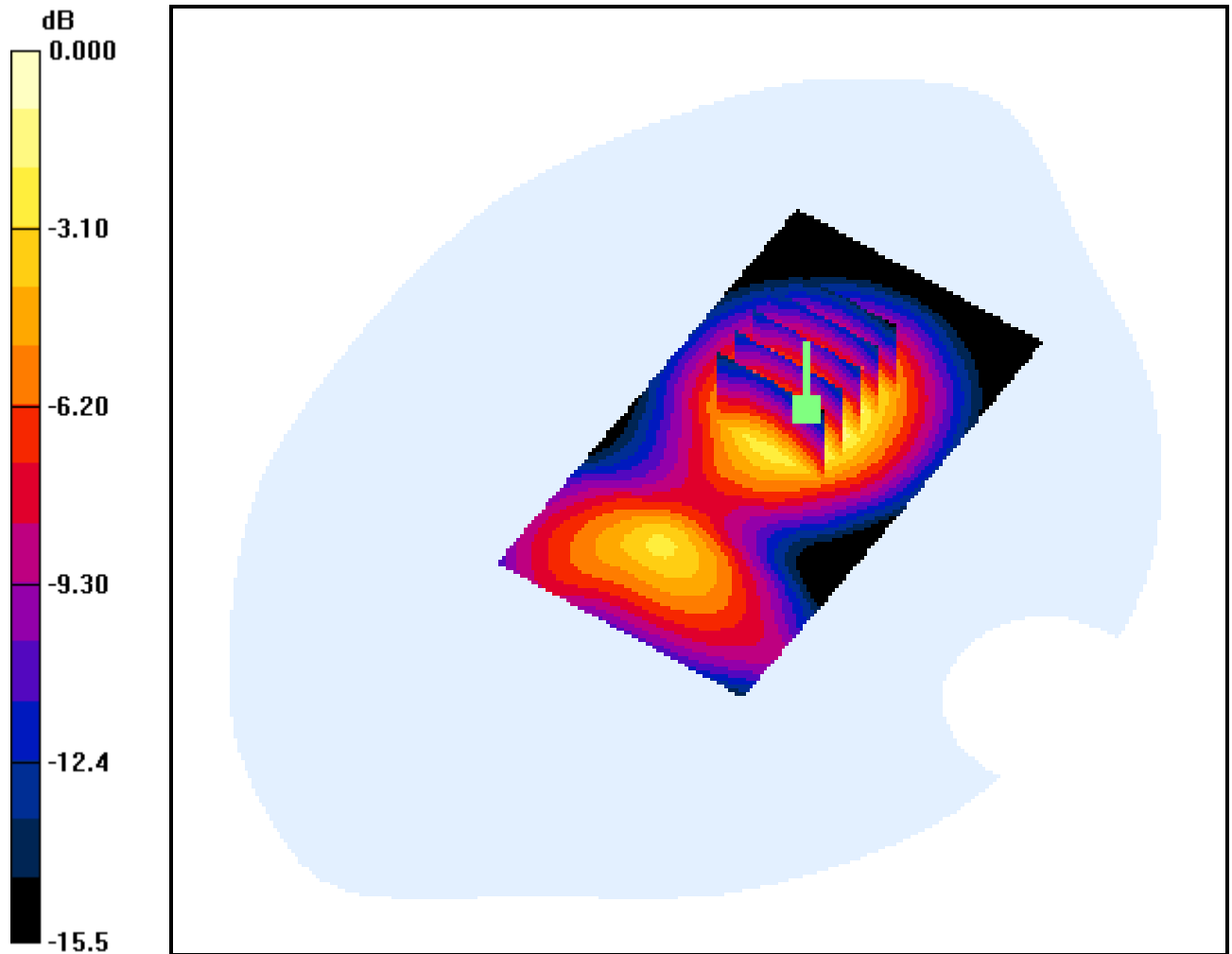
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.113 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.810 mW/g



0 dB = 1.47mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, CDMA_PCS Ch.1175, Ant Fixed, Horizontal

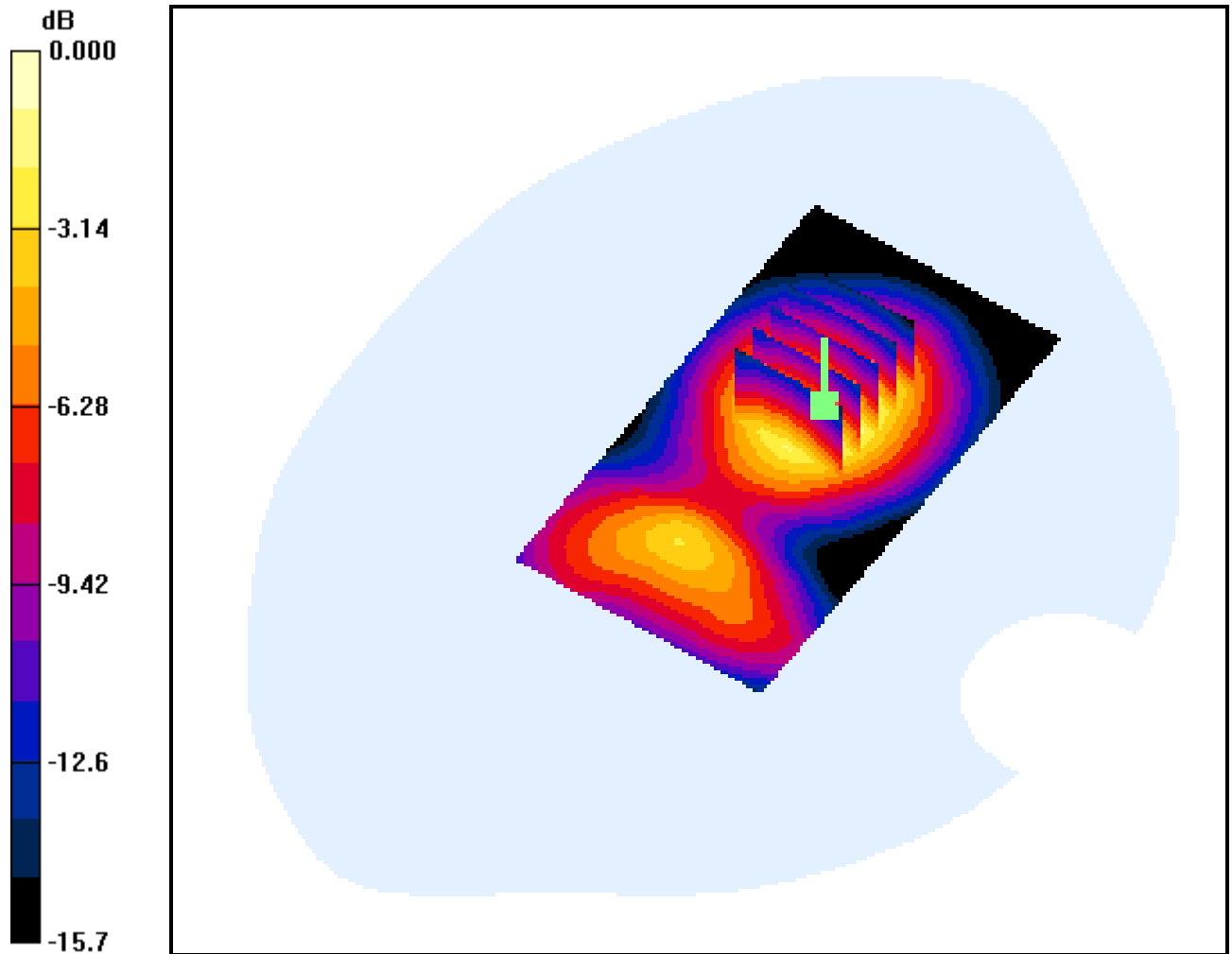
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.316 mW/g



0 dB = 0.573mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, PCS_EV-DO Ch.25, Ant Fixed, Horizontal

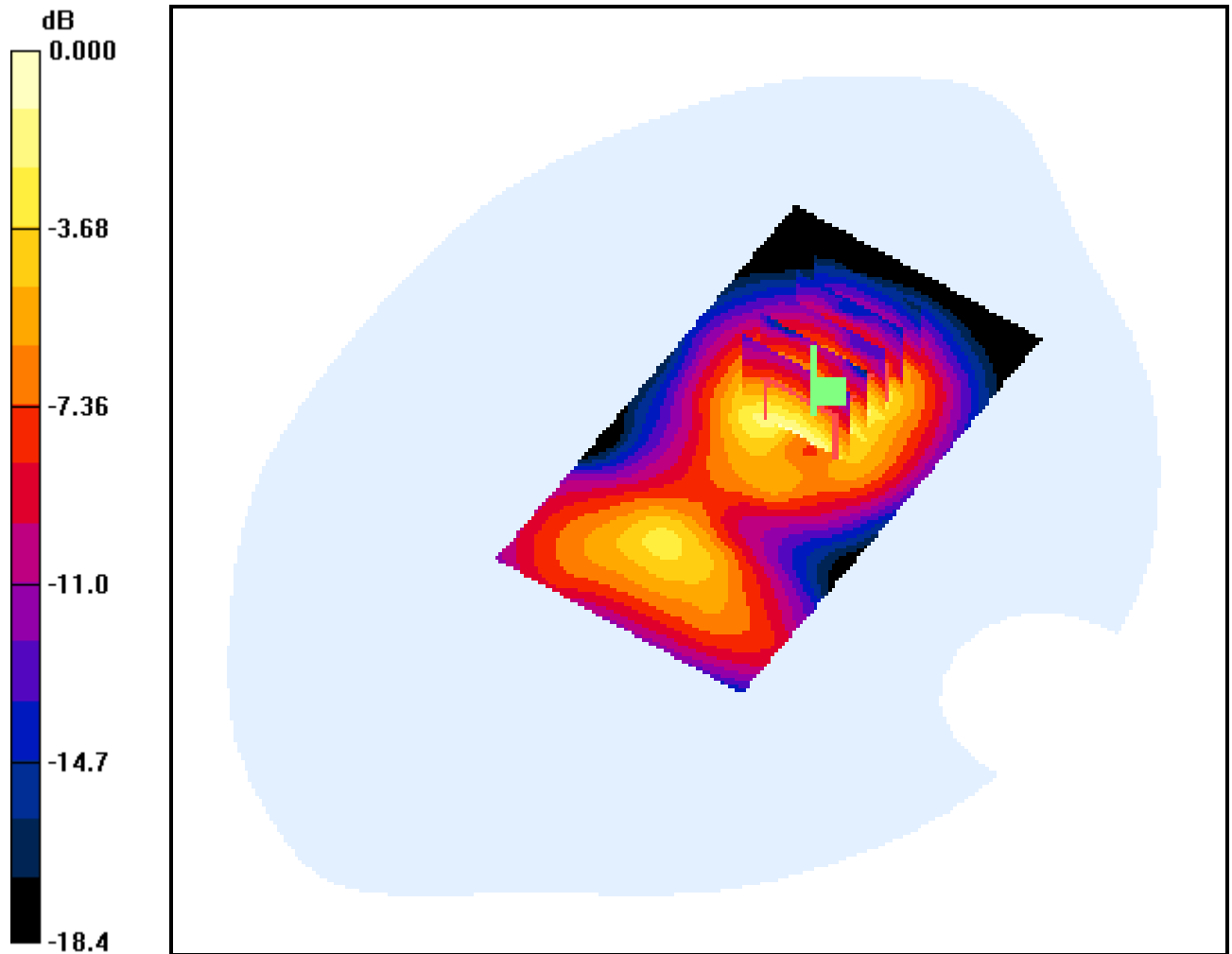
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.575 mW/g



0 dB = 1.12mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, PCS_EV-DO Ch.600, Ant Fixed, Horizontal

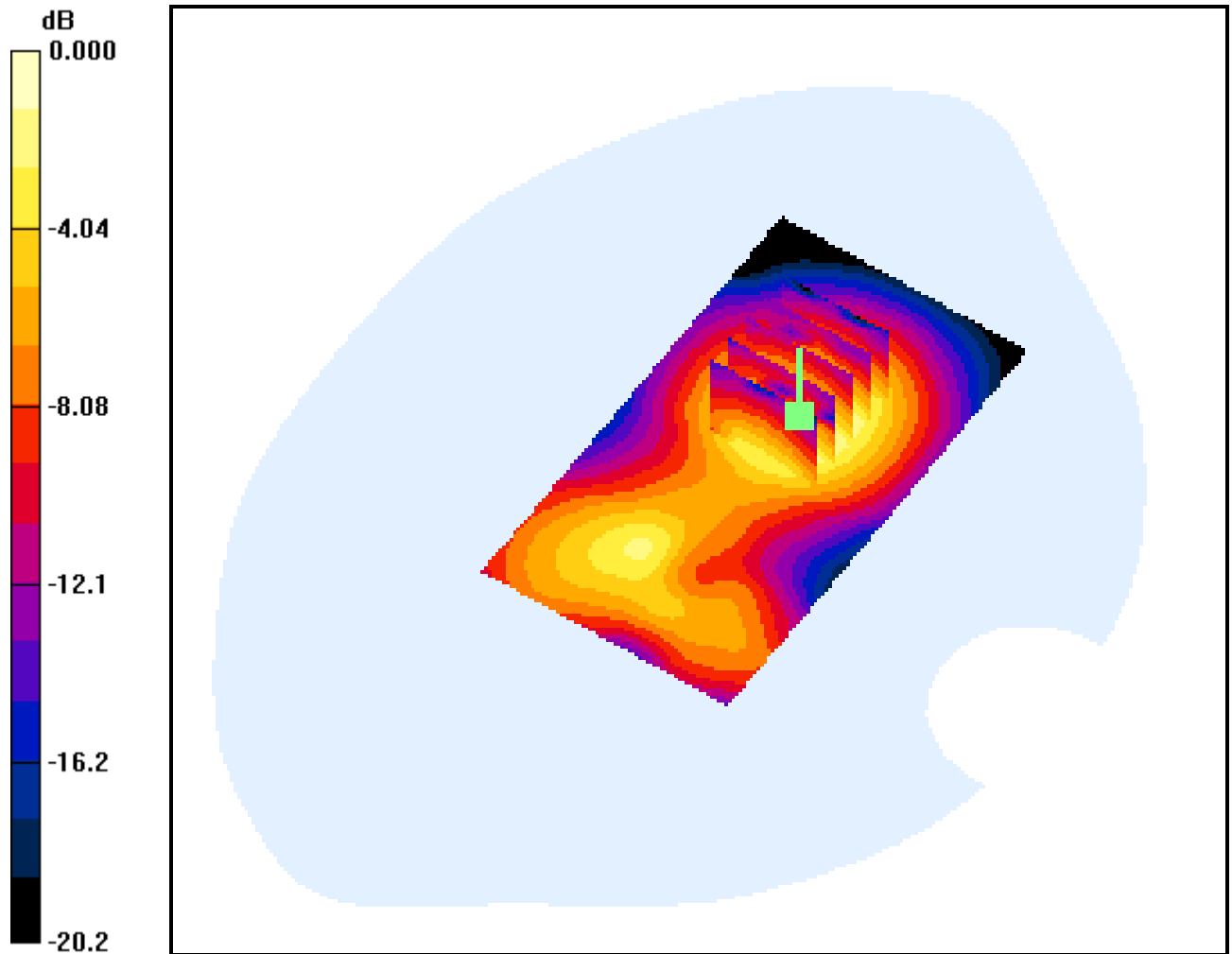
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.95 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.760 mW/g



0 dB = 1.40mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, PCS_EV-DO Ch.1175, Ant Fixed, Horizontal

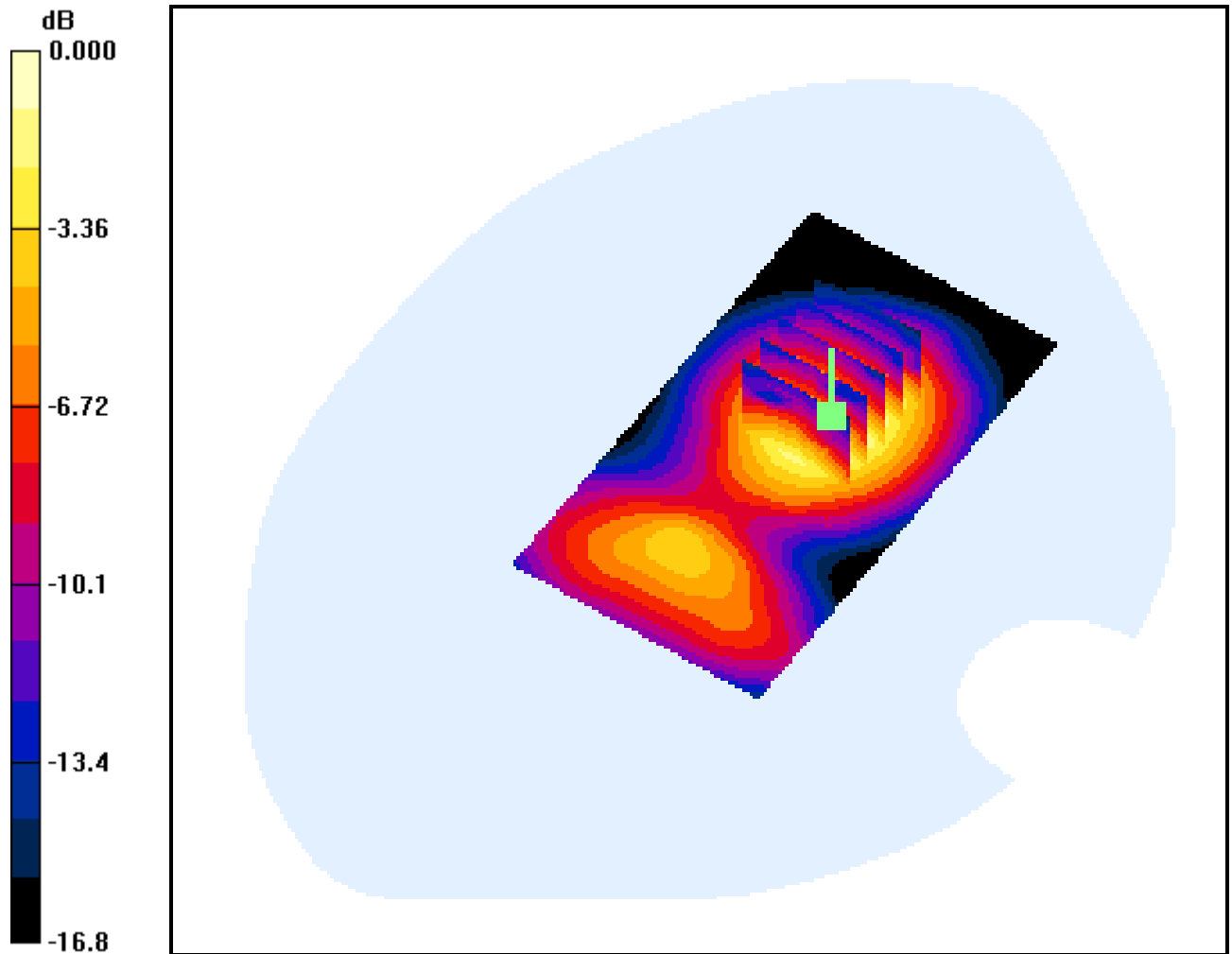
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.060 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.393 mW/g



0 dB = 0.711mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, CDMA_PCS Ch.25, Ant Fixed, Vertical

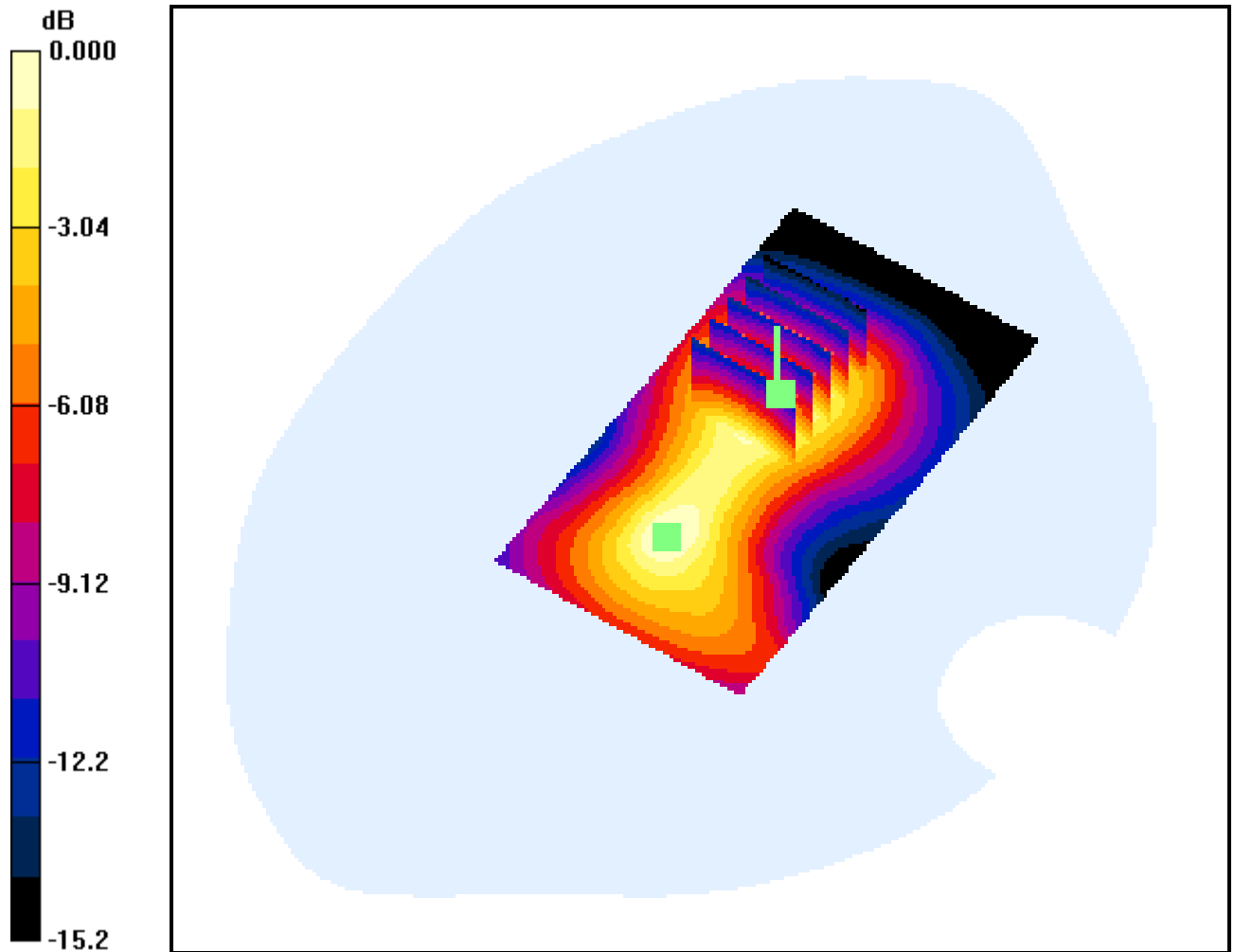
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.219 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.392 mW/g



0 dB = 0.715mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, CDMA_PCS Ch.25, Ant Fixed, Vertical

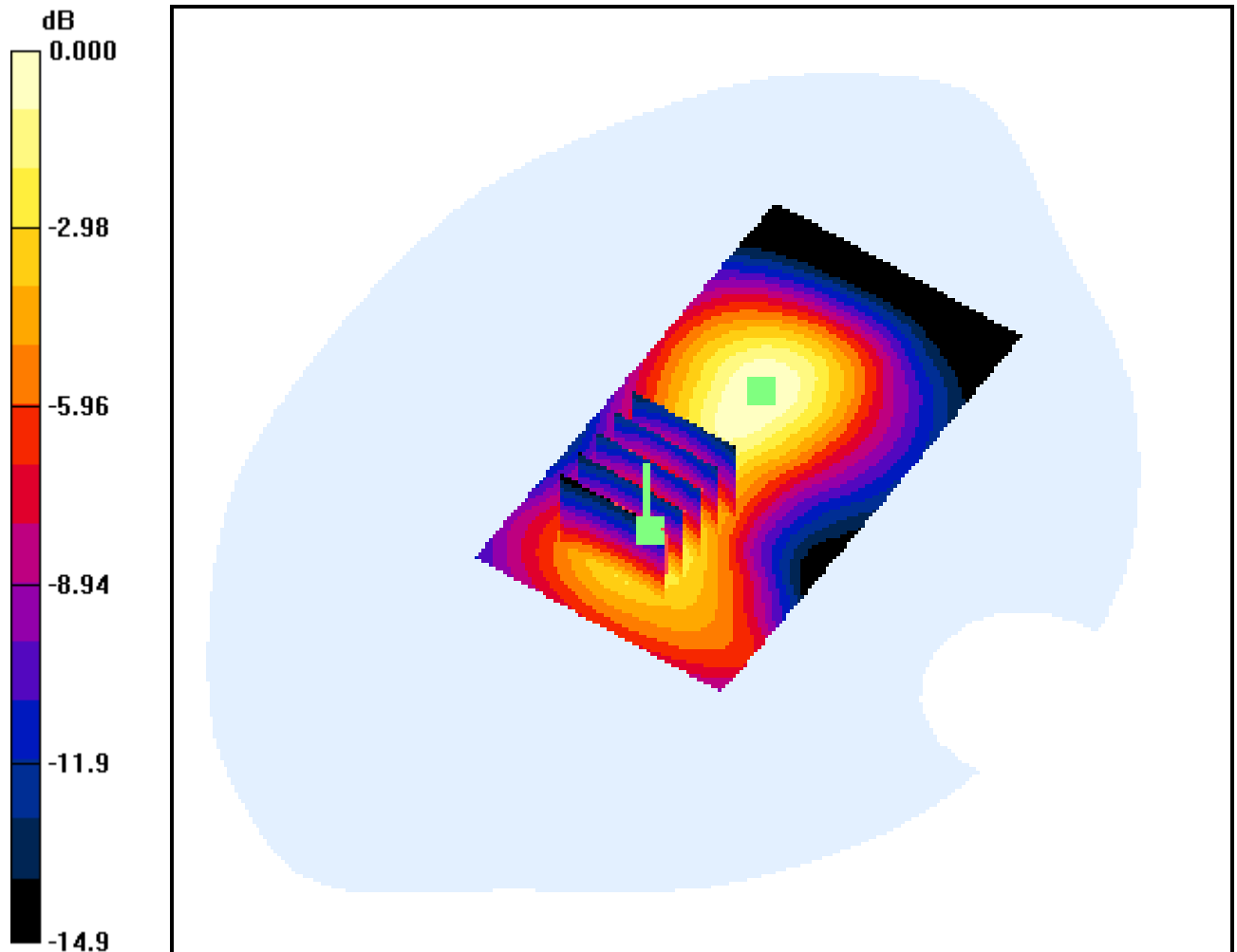
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.219 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.355 mW/g



0 dB = 0.715mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, CDMA_PCS Ch.600, Ant Fixed, Vertical

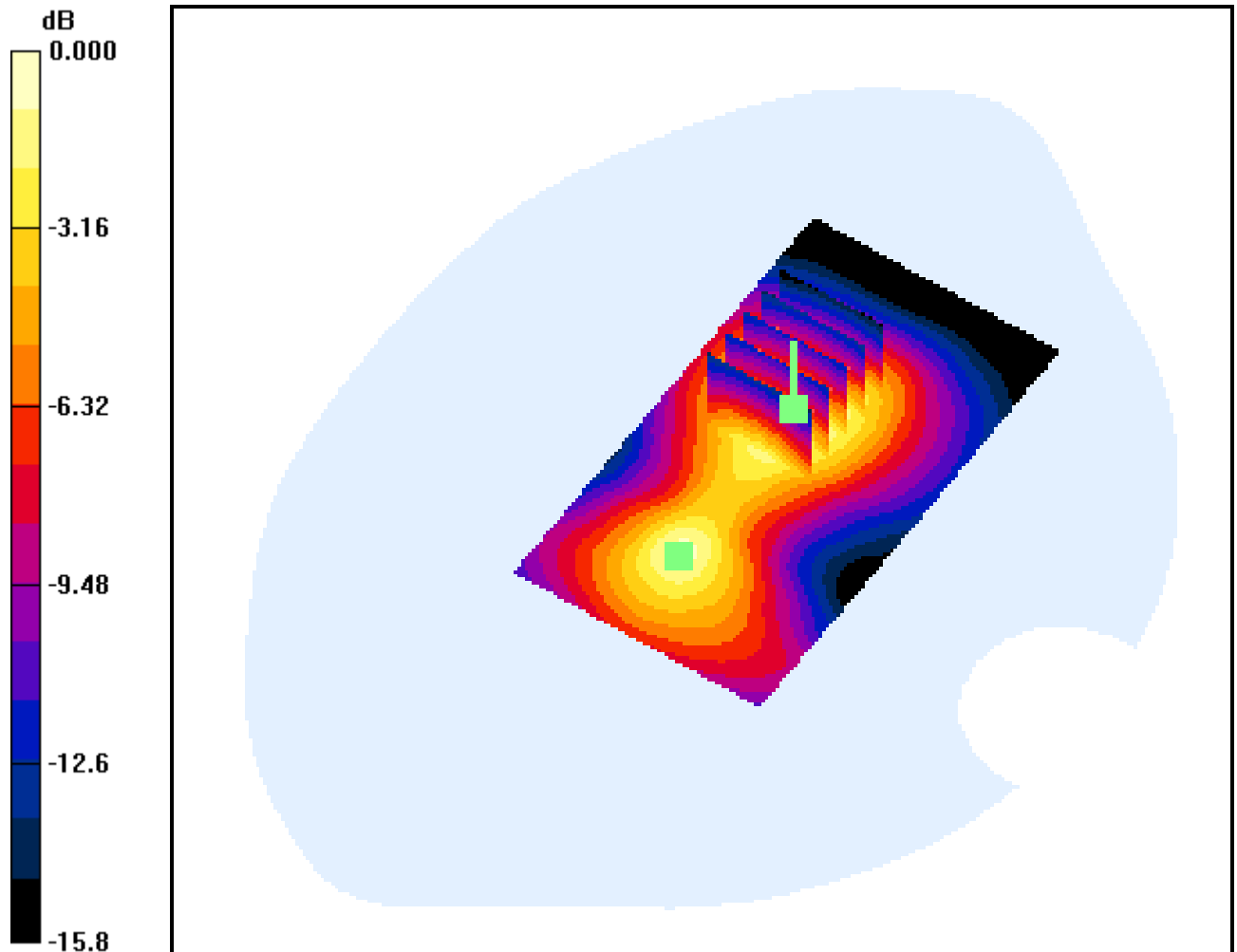
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.584 mW/g



0 dB = 1.08mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, CDMA_PCS Ch.600, Ant Fixed, Vertical

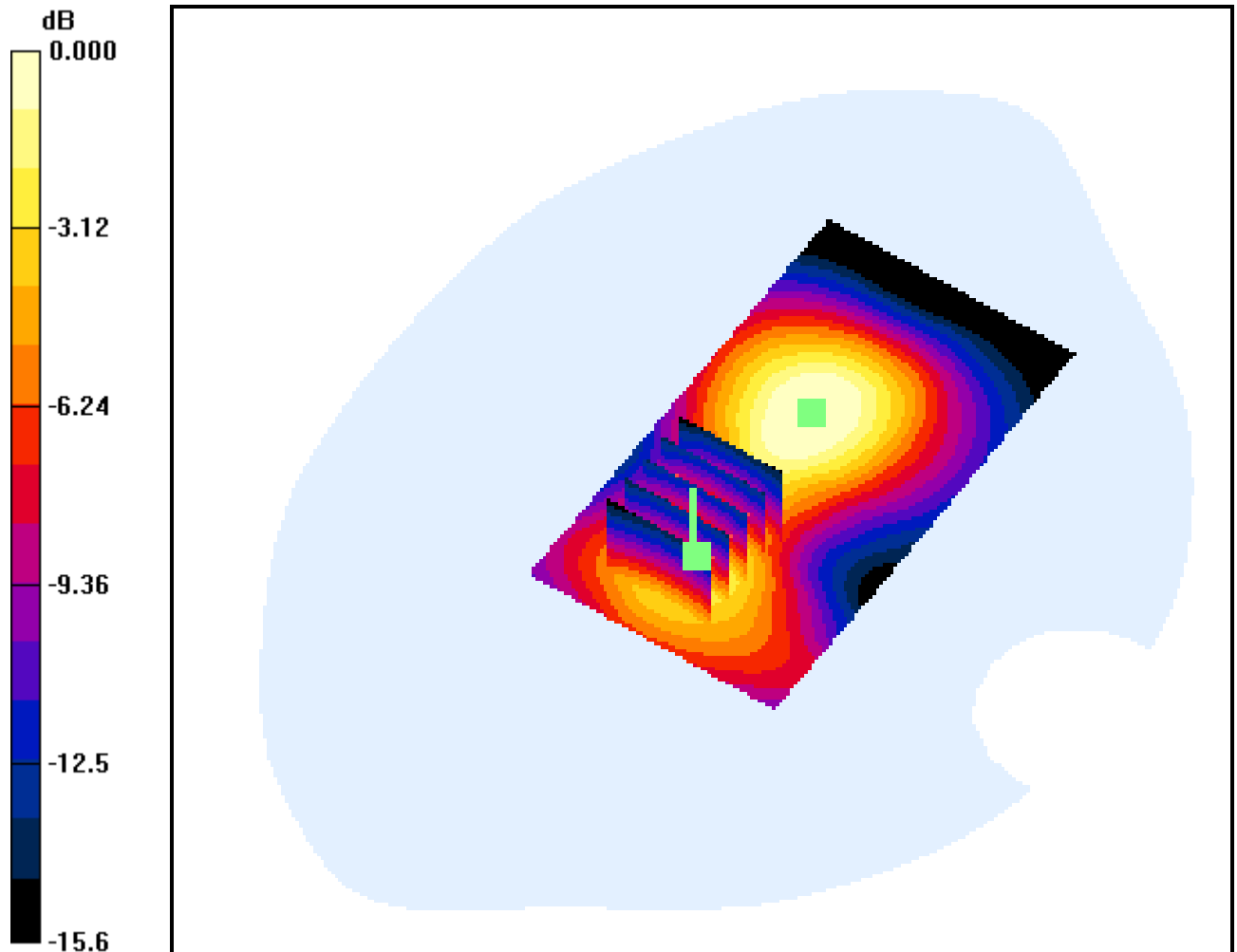
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.433 mW/g



0 dB = 0.923mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, CDMA_PCS Ch.1175, Ant Fixed, Vertical

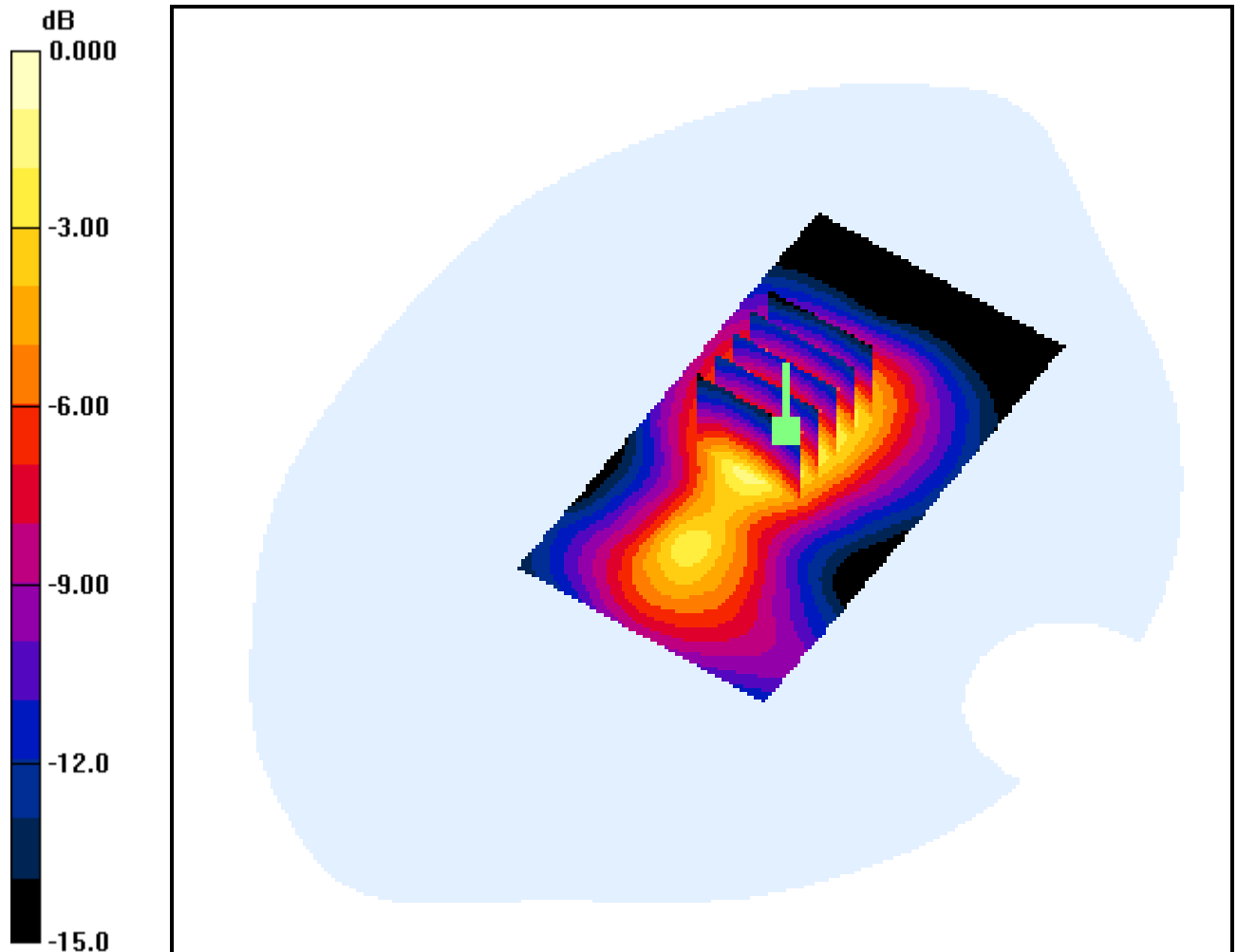
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.357 mW/g



0 dB = 0.674mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, PCS_EV-DO Ch.25, Ant Fixed, Vertical

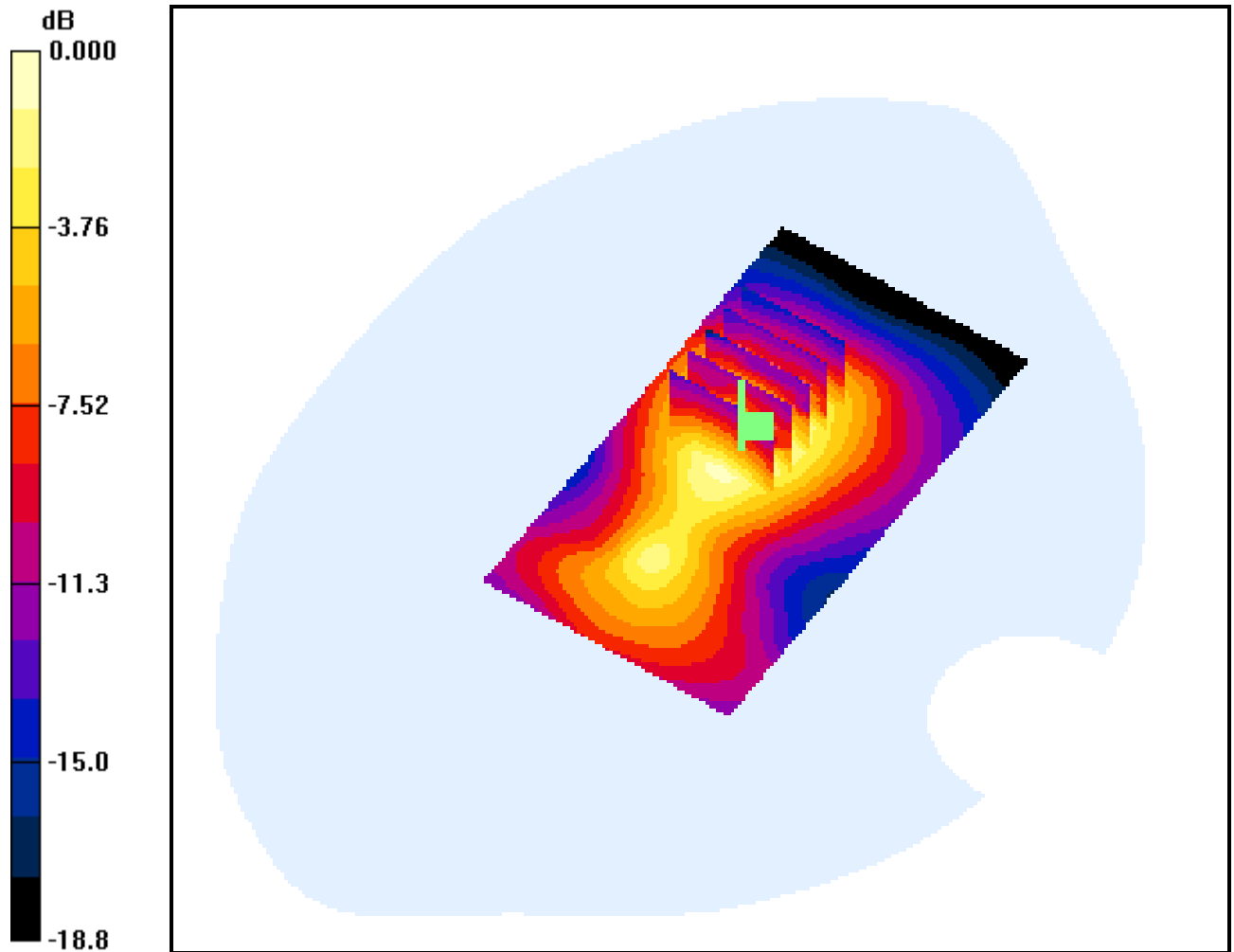
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.226 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.519 mW/g



0 dB = 0.974mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, PCS_EV-DO Ch.600, Ant Fixed, Vertical

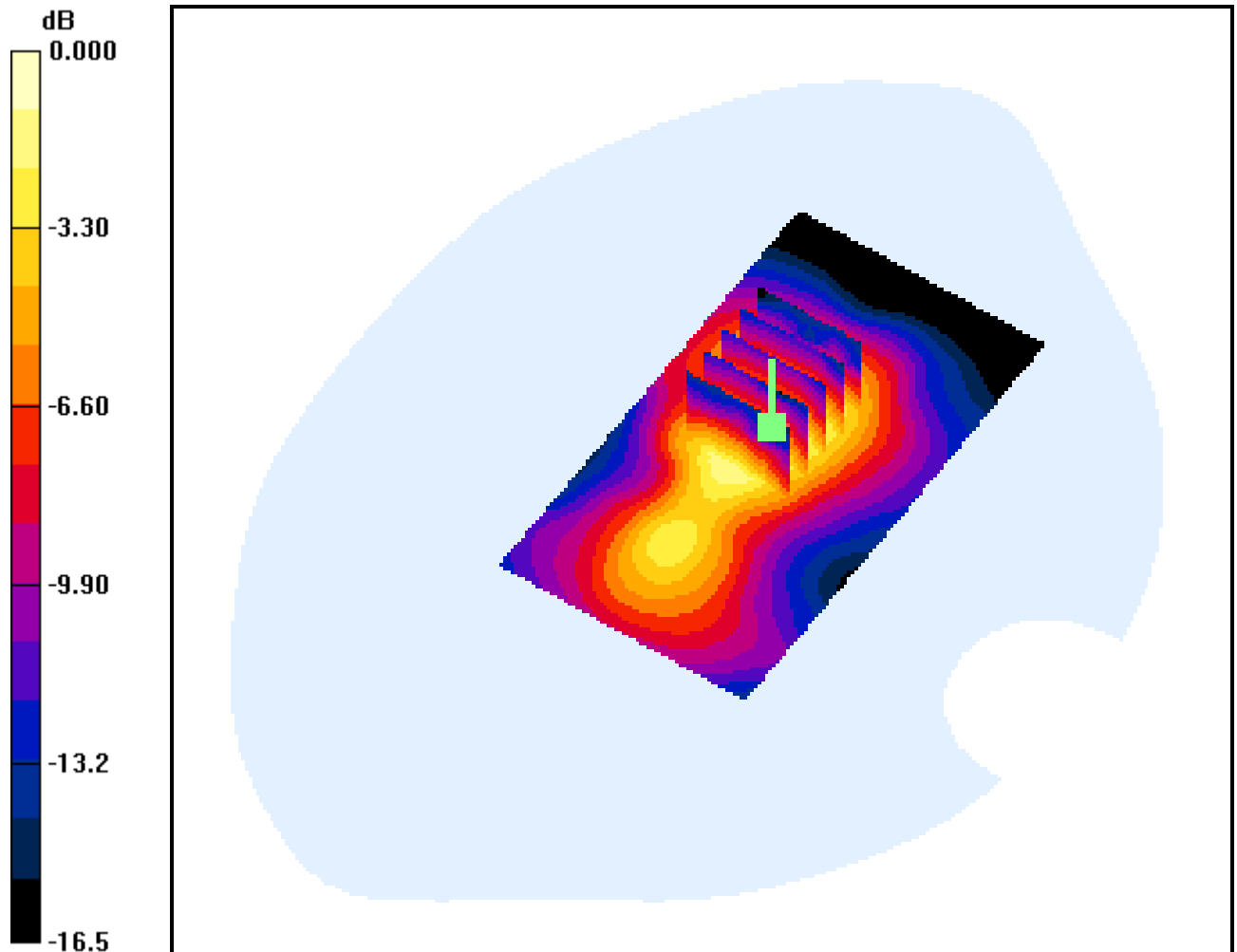
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.67 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.654 mW/g



0 dB = 1.21mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

5mm from Body, PCS_EV-DO Ch.1175, Ant Fixed, Vertical

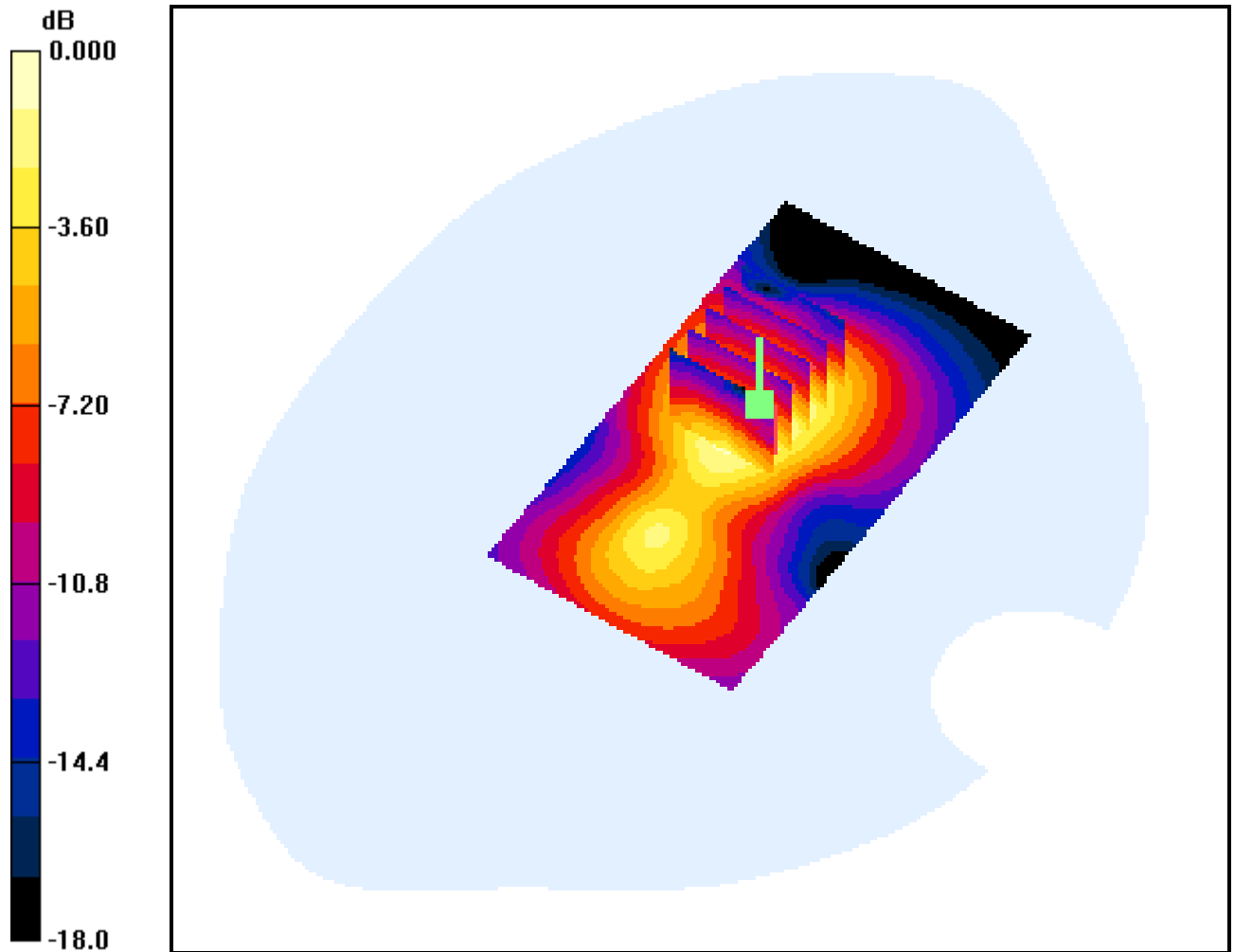
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.209 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.319 mW/g



0 dB = 0.592mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-07; Ambient Temp: 21.5; Tissue Temp: 21.2

5mm from Body, CDMA_Cellular Ch.384, Ant Fixed, Vertical

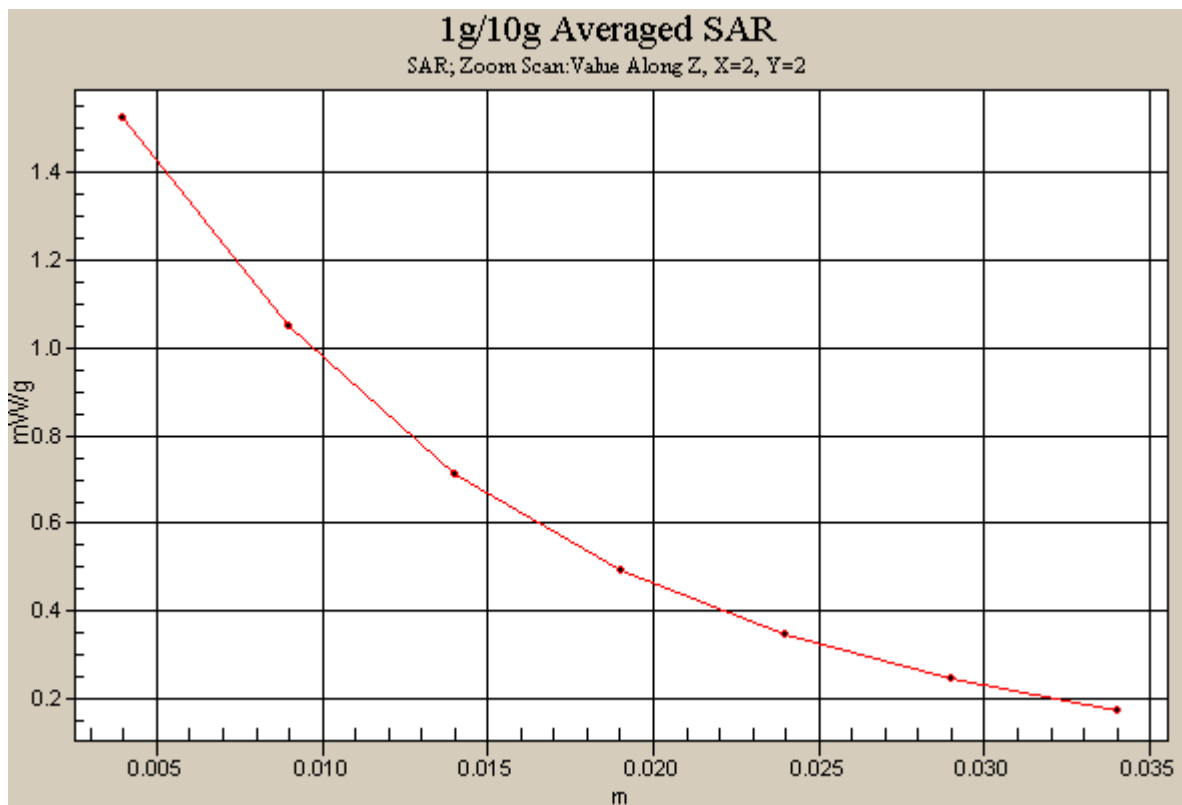
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.124 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.884 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3089; Type: CDMA USB

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-06-08; Ambient Temp: 21.4; Tissue Temp: 21.8

7.5mm from Body, CDMA_PCS Ch.600, Ant Fixed, Horizontal

Area Scan (51x91x1): 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 = 0.113 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.810 mW/g

