

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: $f = 835 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

Dipole Validation

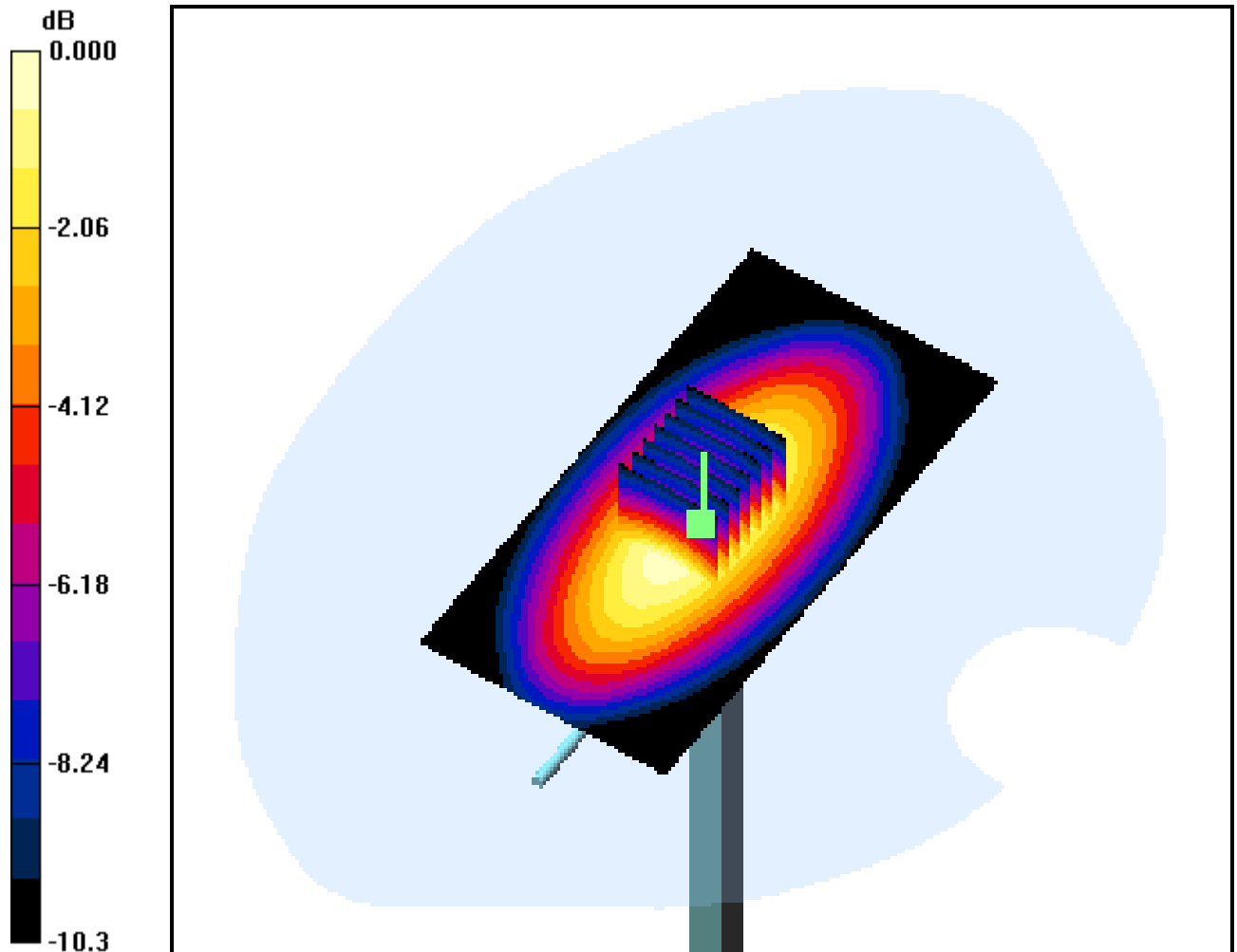
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.122 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.63 mW/g



0 dB = 2.67mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

Dipole Validation

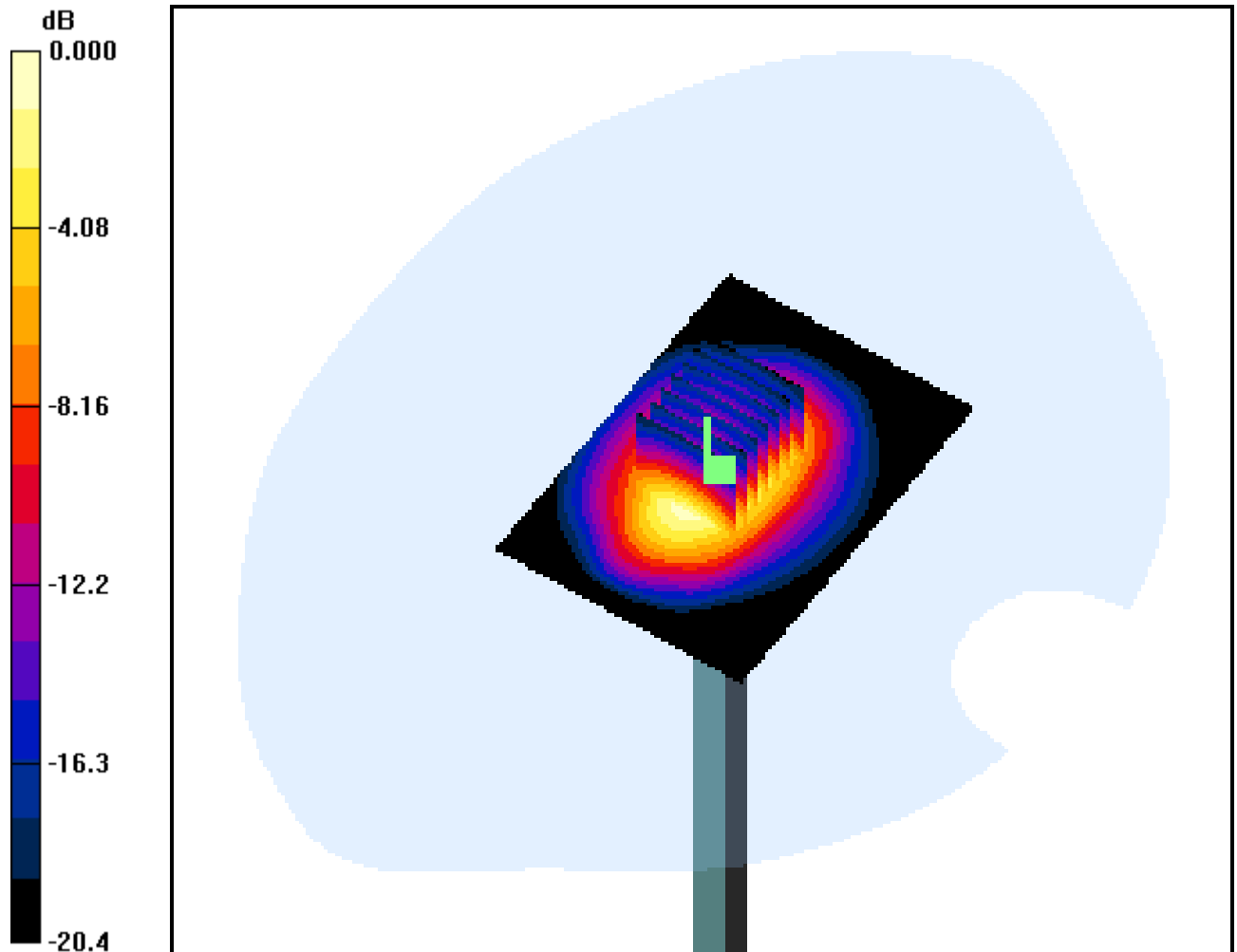
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.030 dB

Peak SAR (extrapolated) = 20.2 W/kg

SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.12 mW/g



0 dB = 11.9mW/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: $f = 835 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.2

Dipole Validation

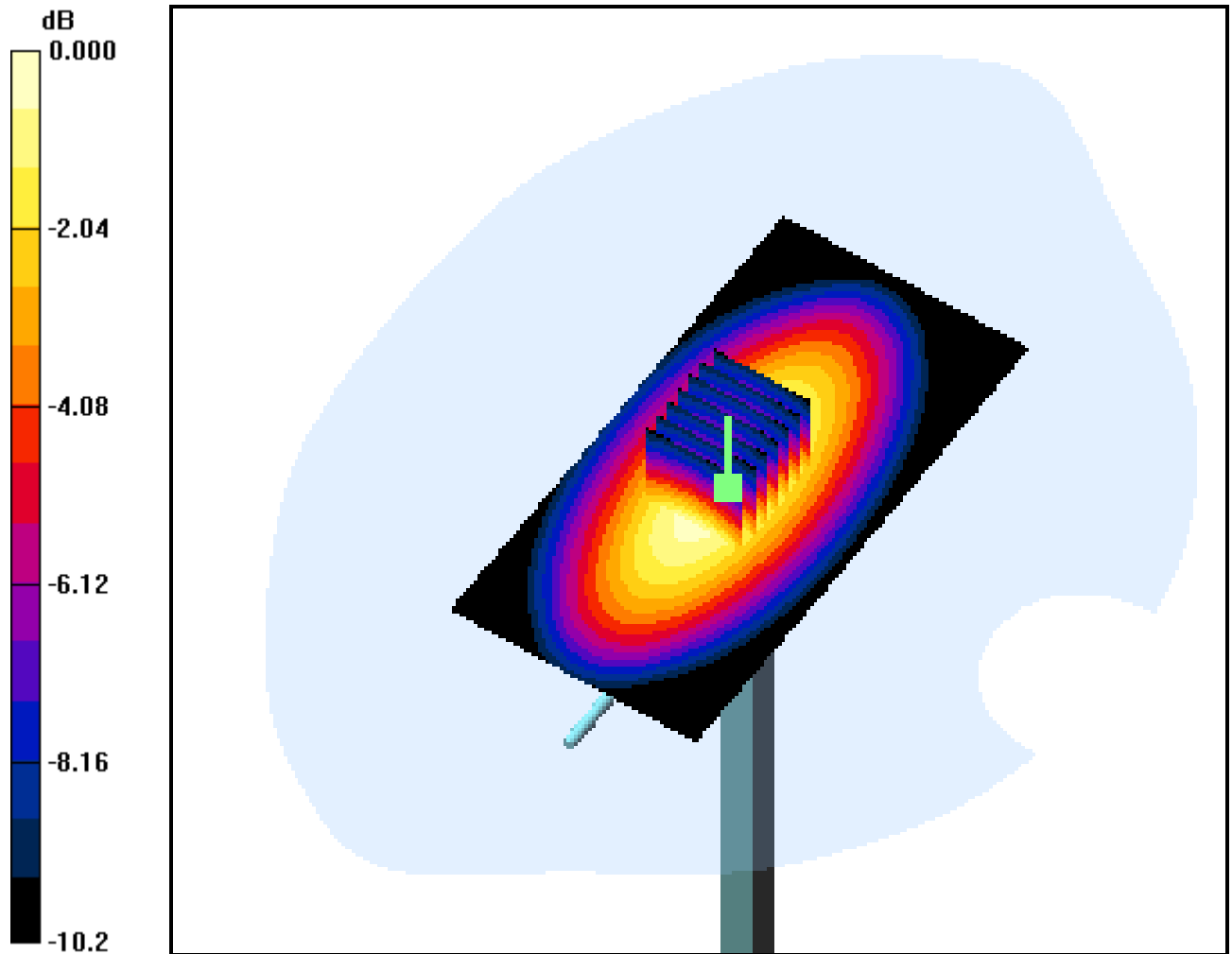
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.35 W/kg

SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.58 mW/g



0 dB = 2.57mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

Dipole Validation

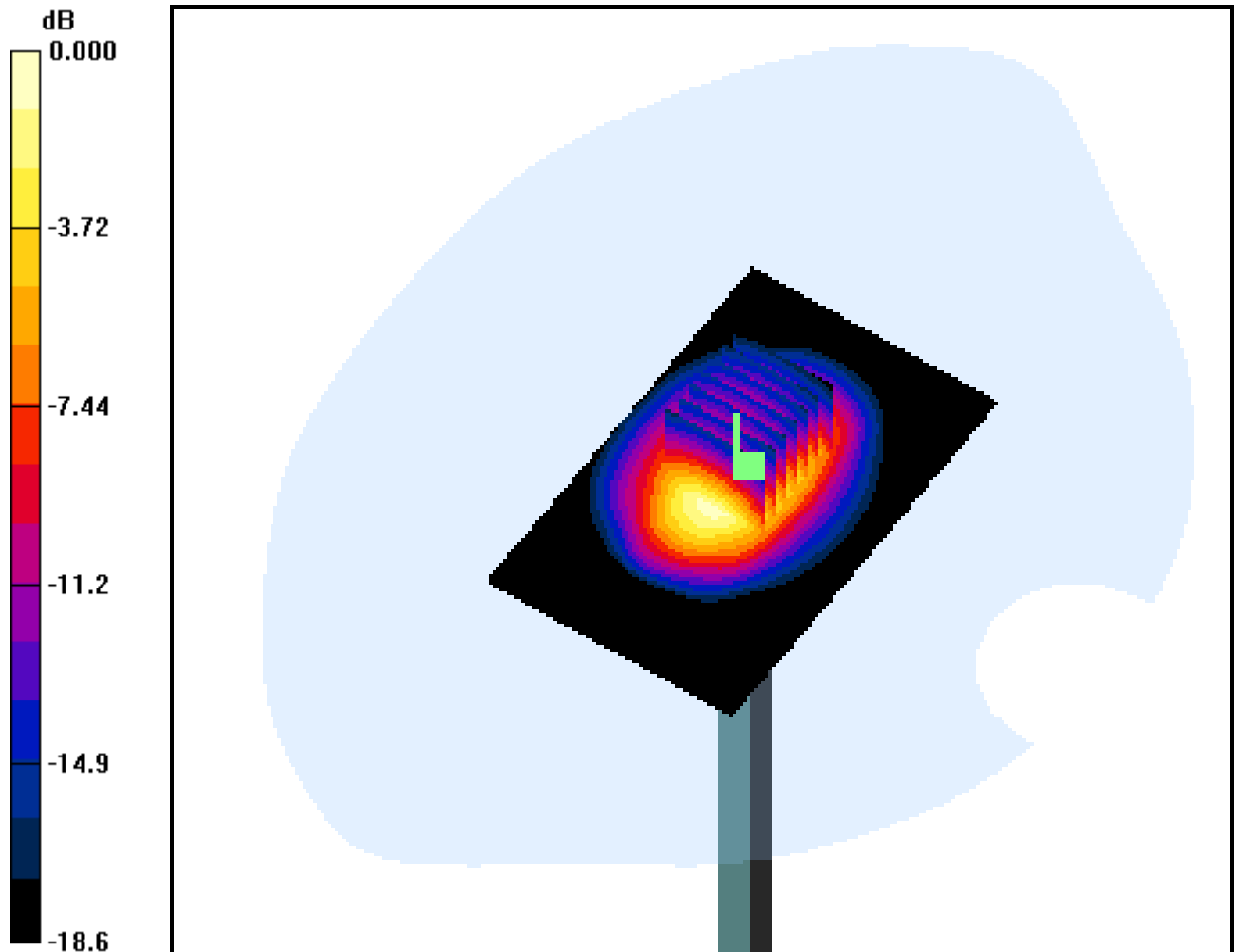
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.031 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.36 mW/g



0 dB = 11.6mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_Cellular Ch.1013, Ant Horizontal

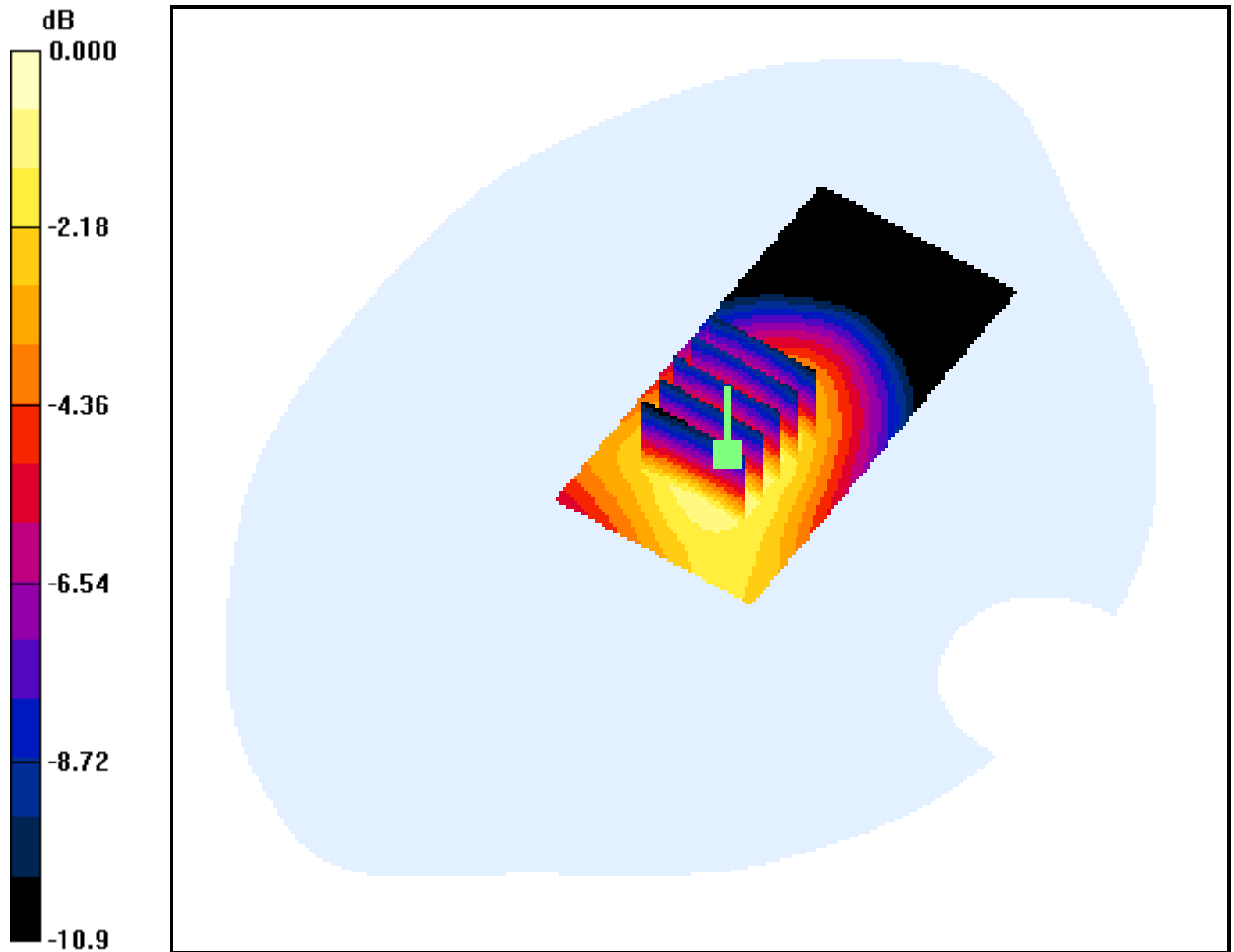
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.140 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.602 mW/g



0 dB = 0.959mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_Cellular Ch.384, Ant Horizontal

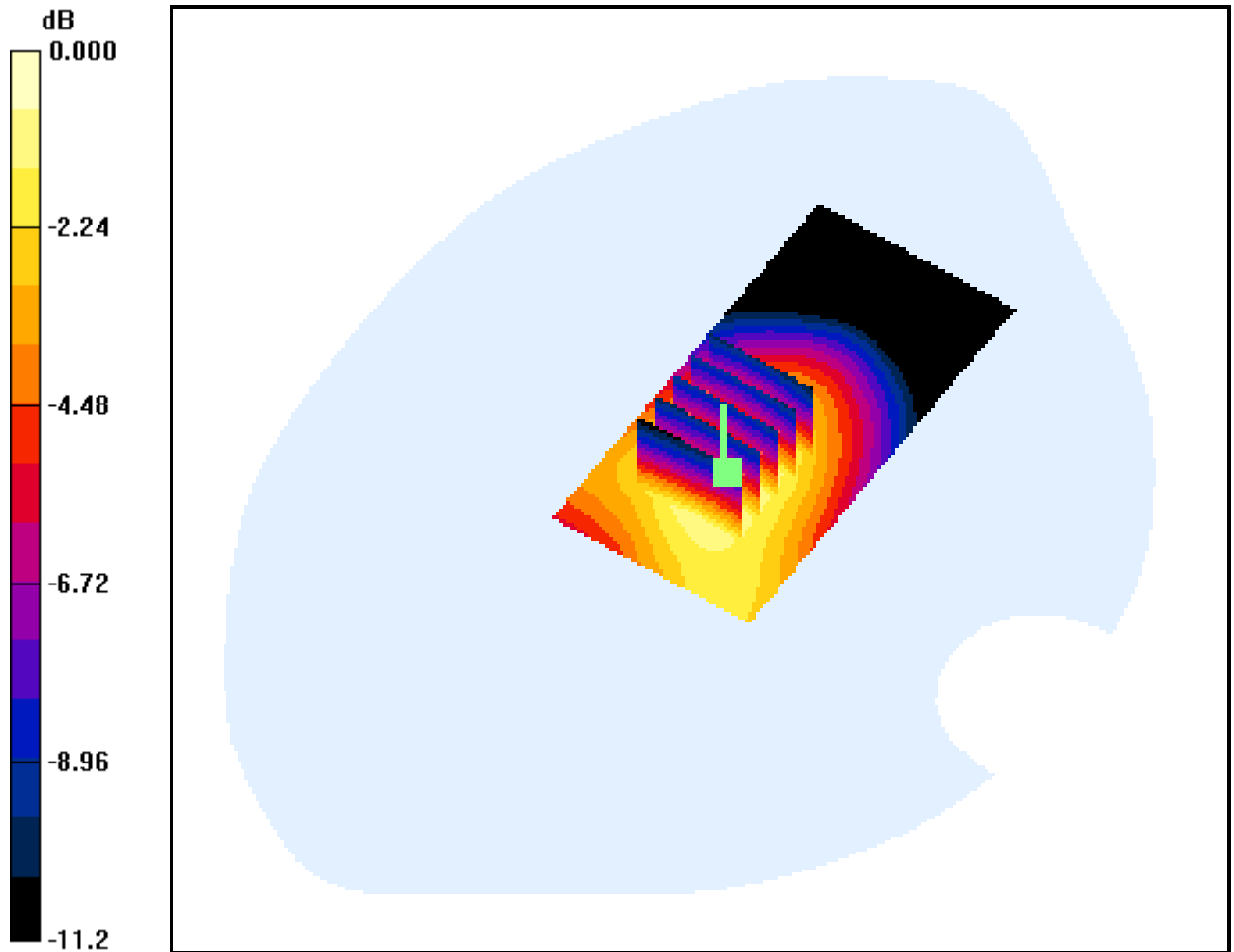
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.174 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.580 mW/g



0 dB = 0.949mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_Cellular Ch.777, Ant Horizontal

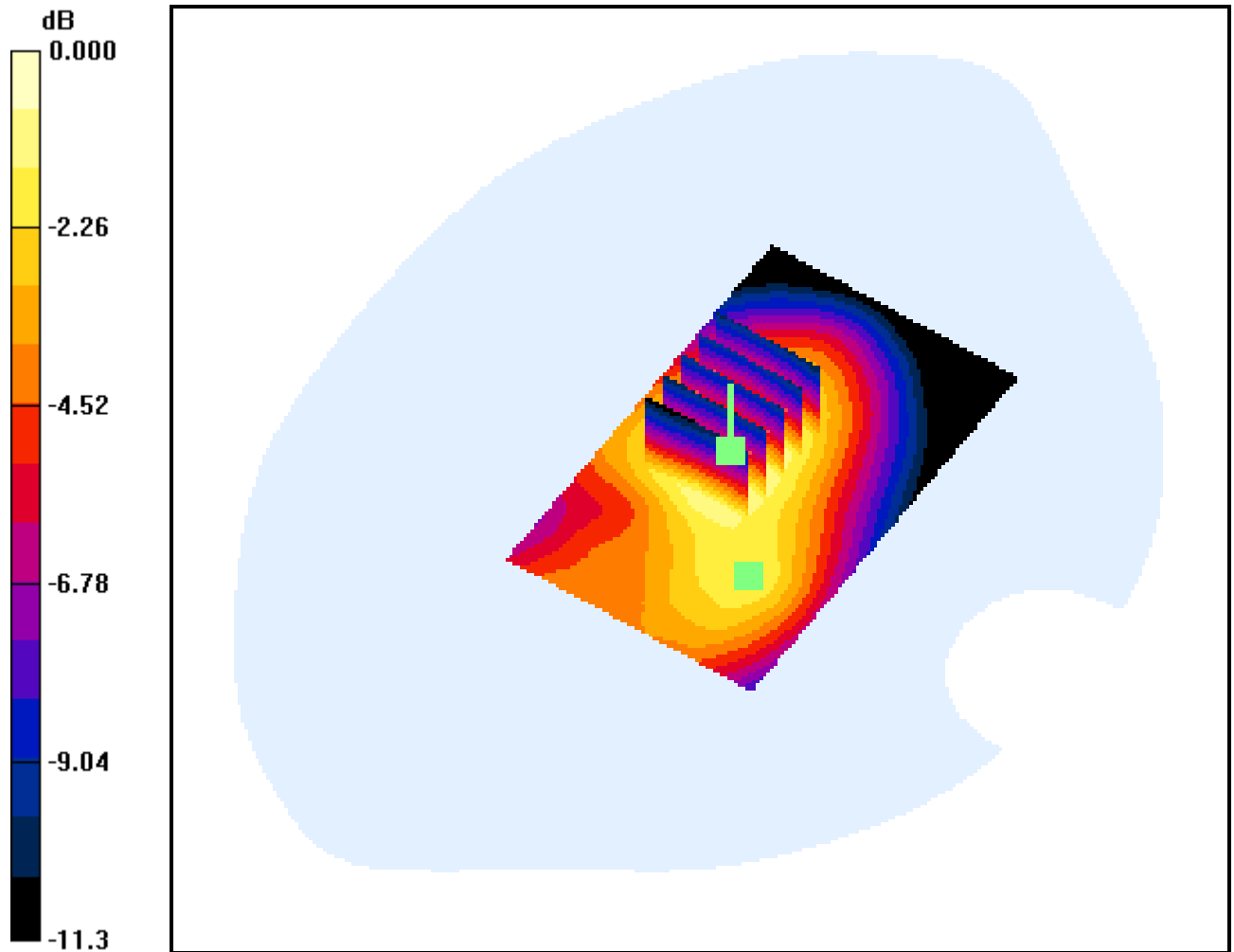
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.269 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.548 mW/g



0 dB = 0.896mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_Cellular Ch.1013, Ant Horizontal

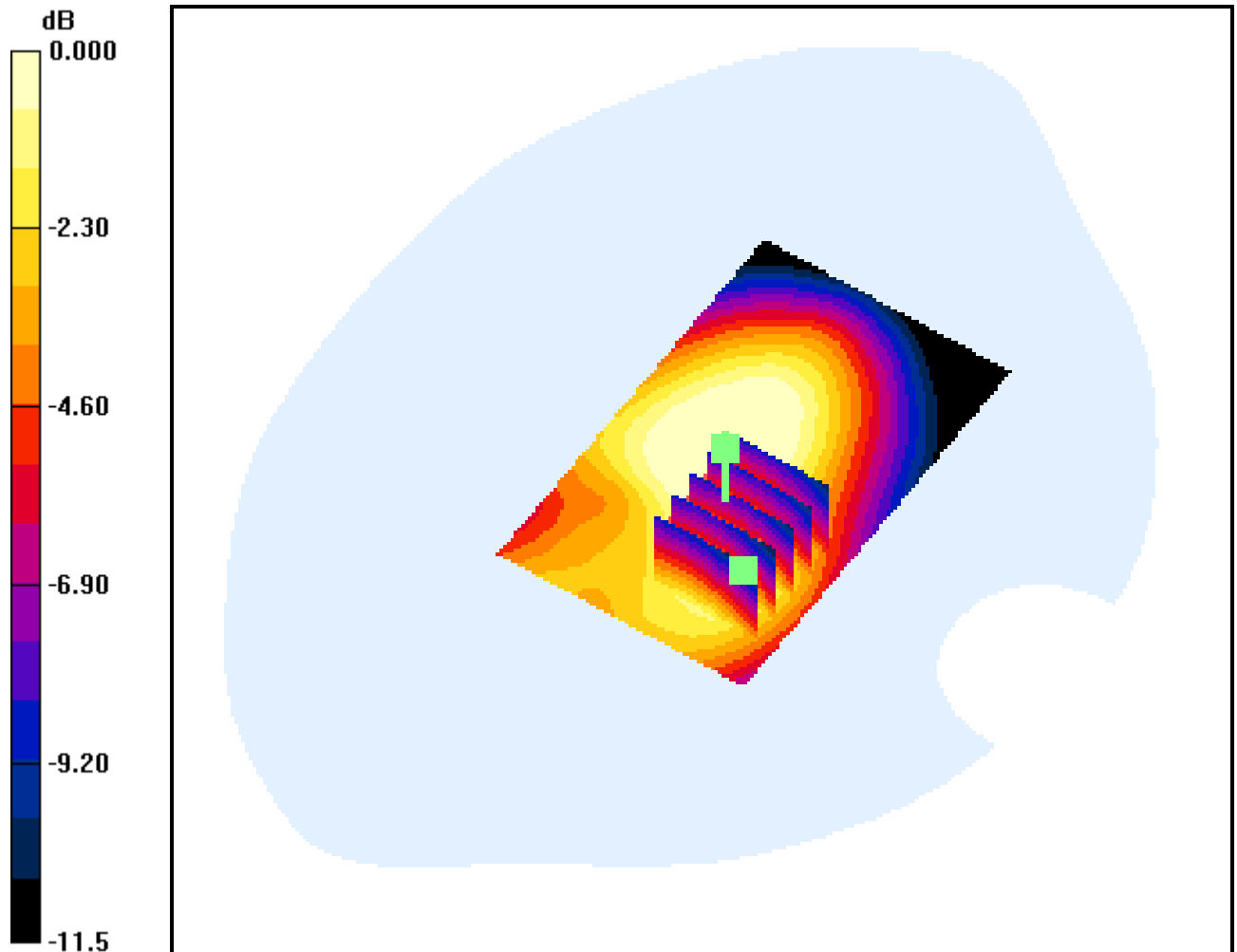
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.269 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.405 mW/g



0 dB = 0.673mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_EV-DO Ch.1013, Ant Horizontal

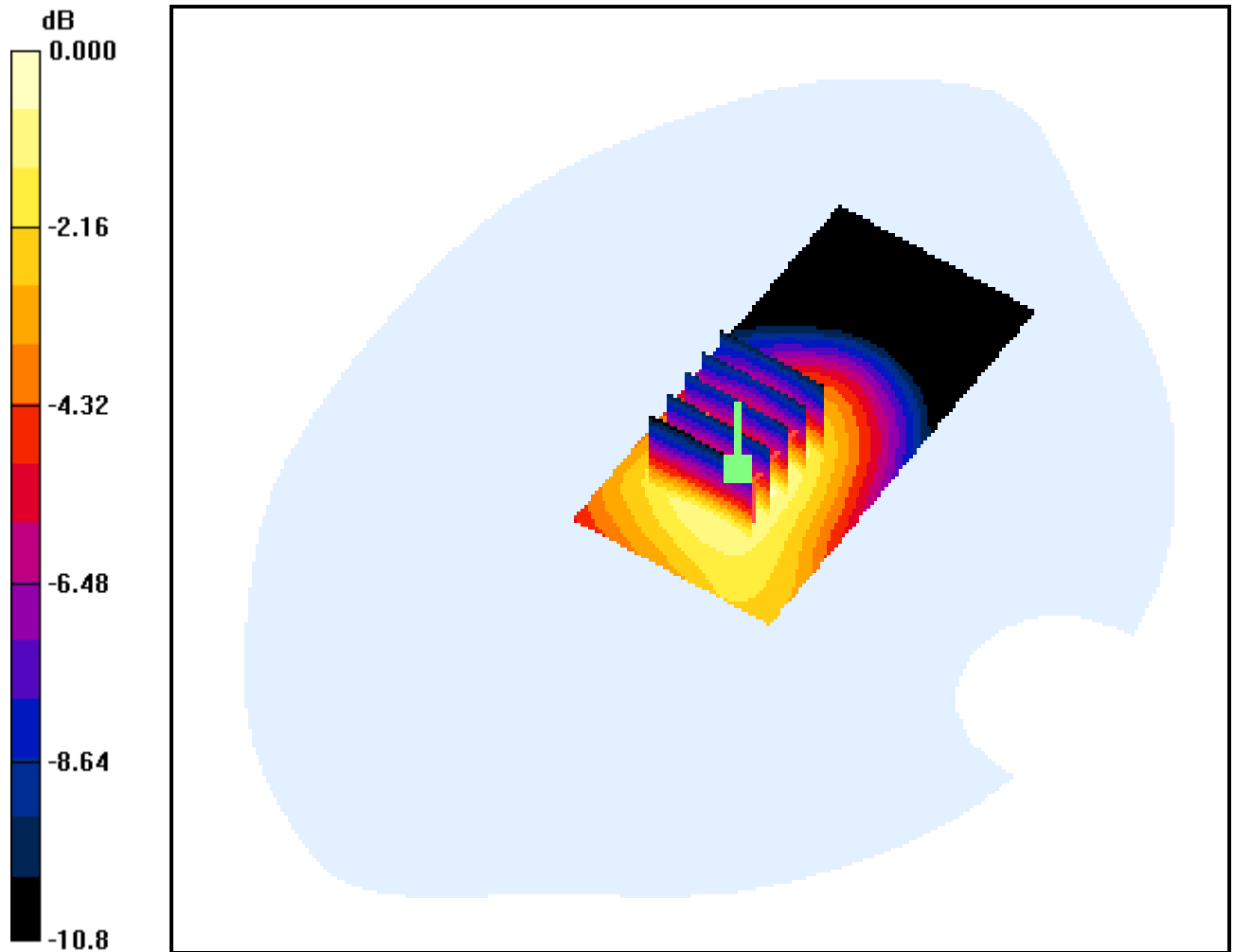
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.178 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.512 mW/g



0 dB = 0.816mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_EV-DO Ch.384, Ant Horizontal

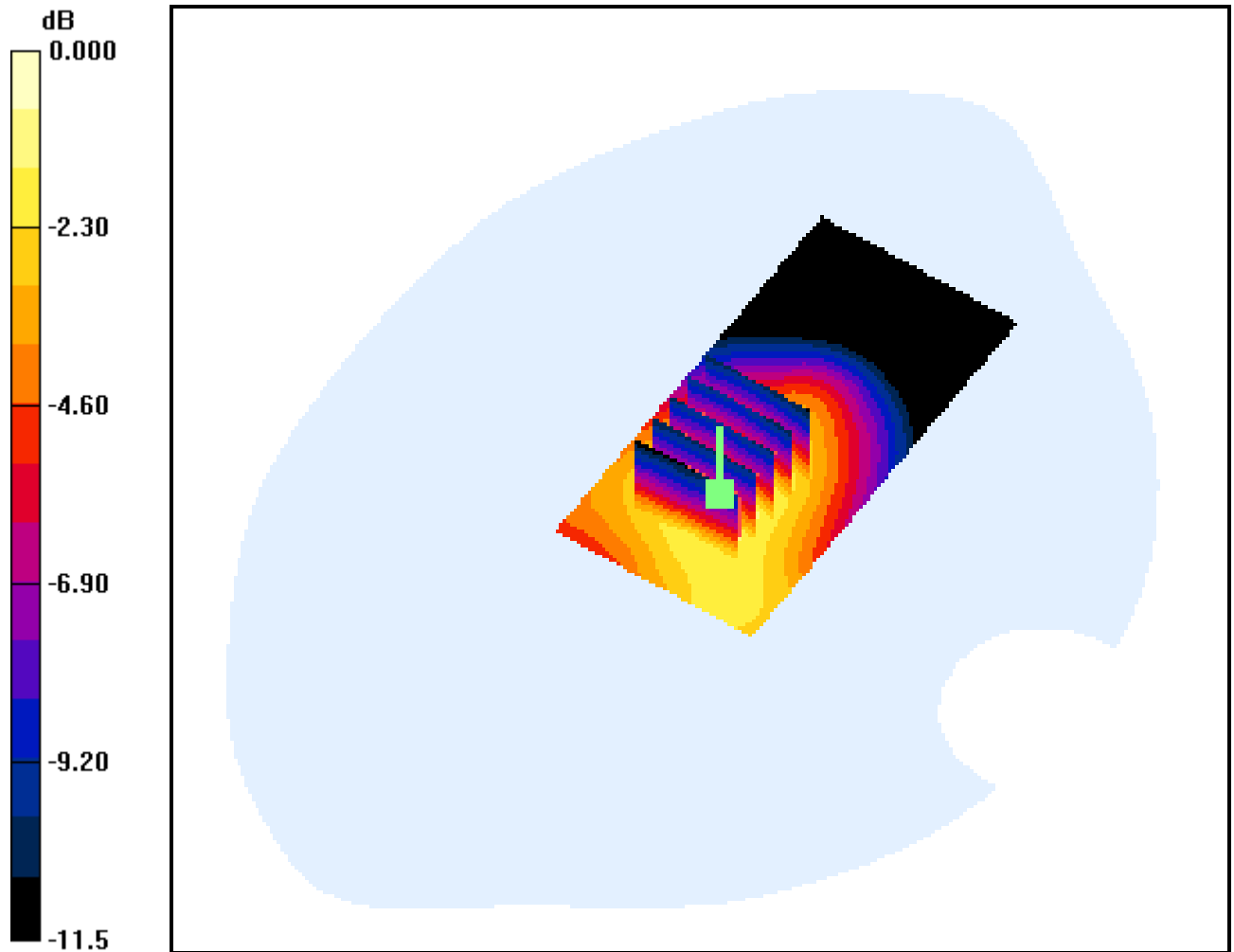
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.163 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.457 mW/g



0 dB = 0.814mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_EV-DO Ch.777, Ant Horizontal

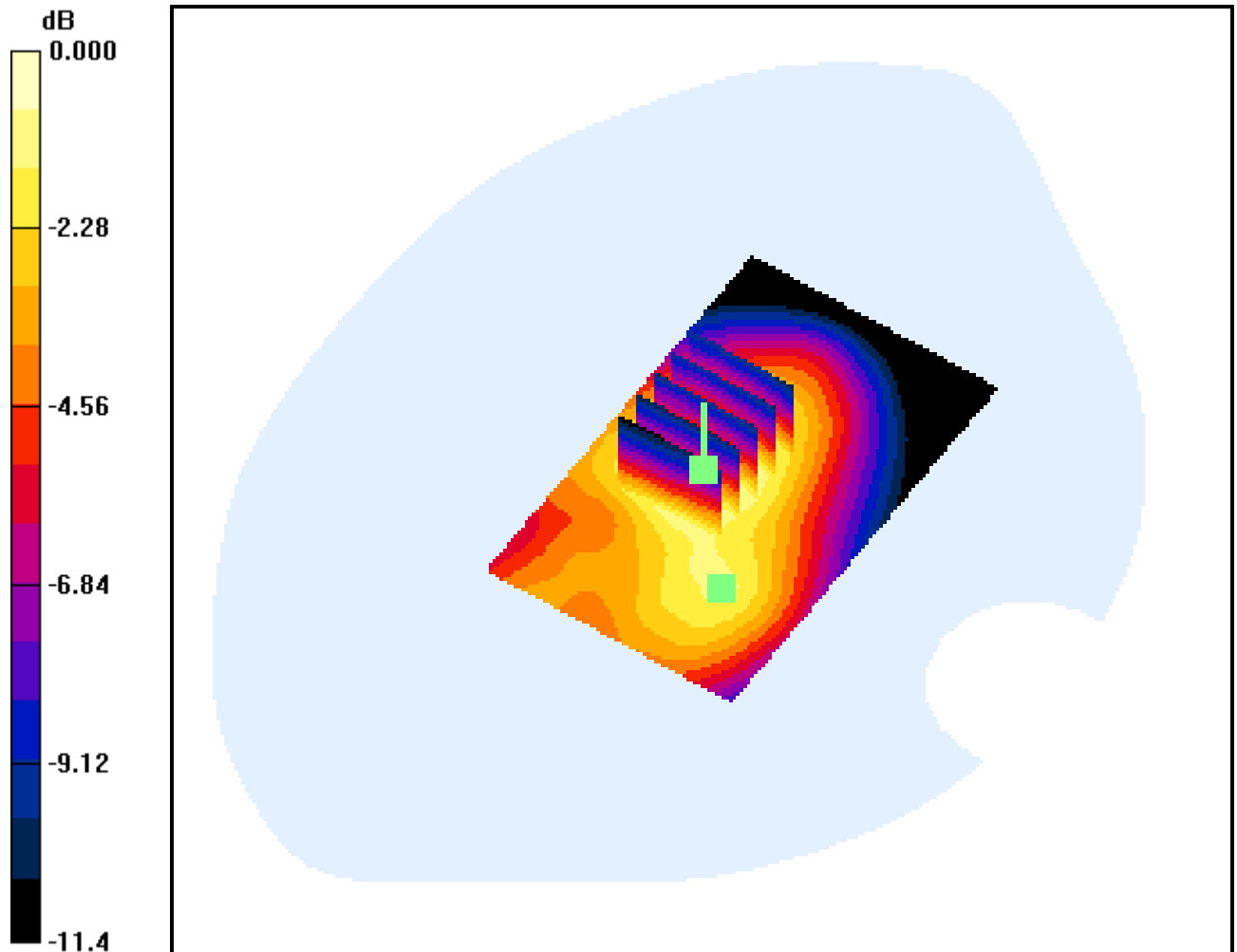
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.453 mW/g



0 dB = 0.736mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

19mm from Body, CDMA_EV-DO Ch.777, Ant Horizontal

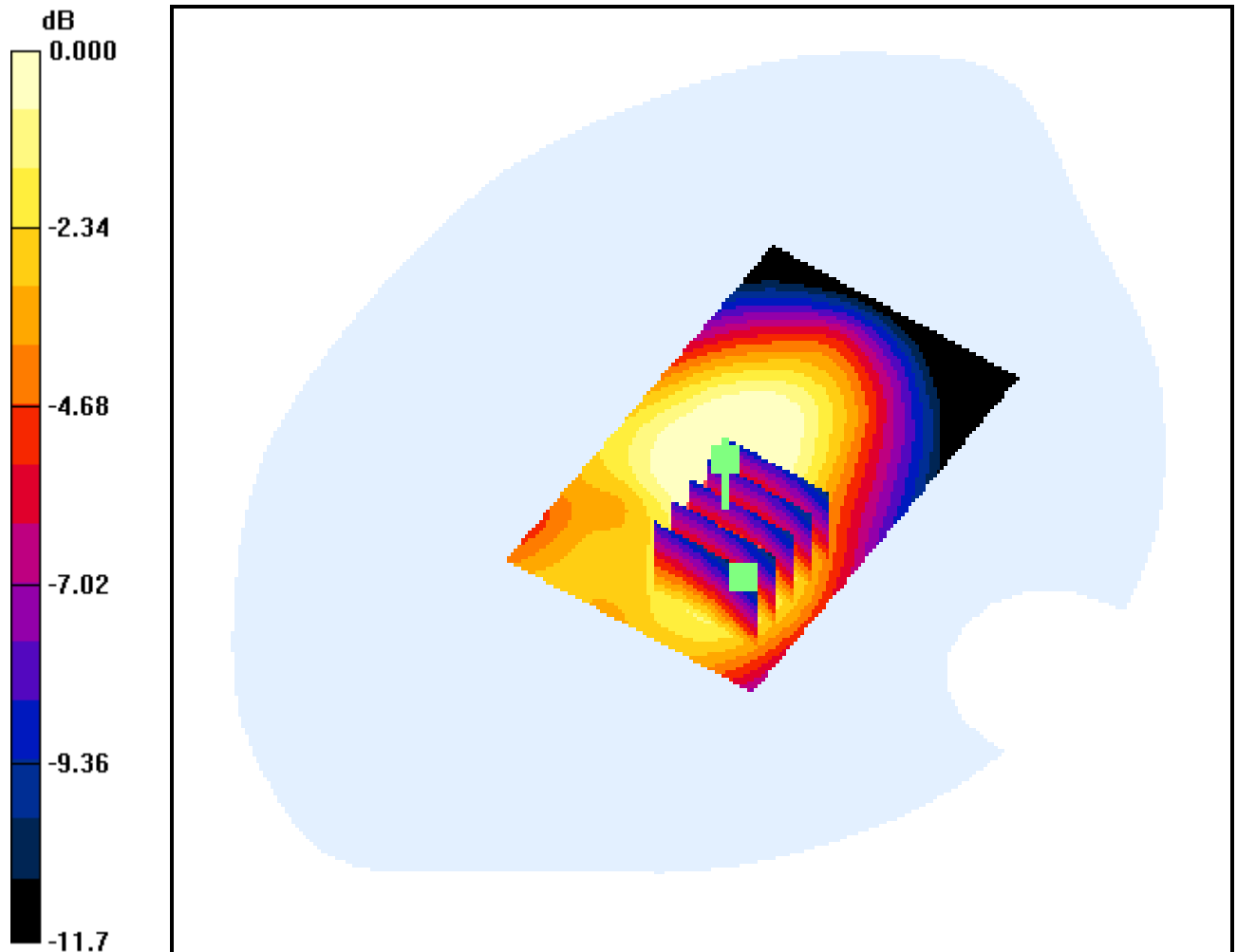
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.339 mW/g



0 dB = 0.586mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

15mm from Body, CDMA_Cellular Ch.1013, Ant Vertical

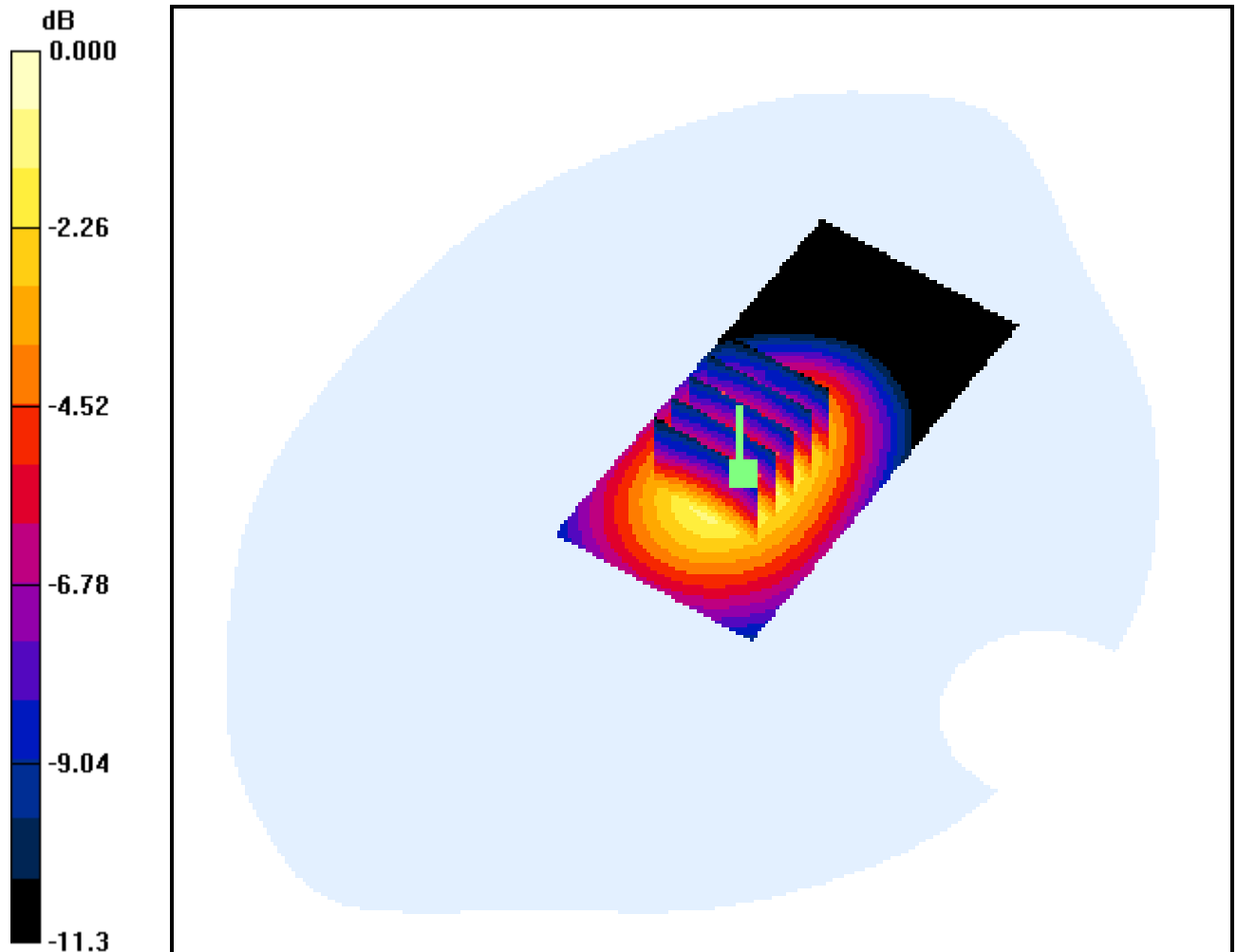
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.221 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.410 mW/g



0 dB = 0.691mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

15mm from Body, CDMA_EV-DO Ch.1013, Ant Vertical

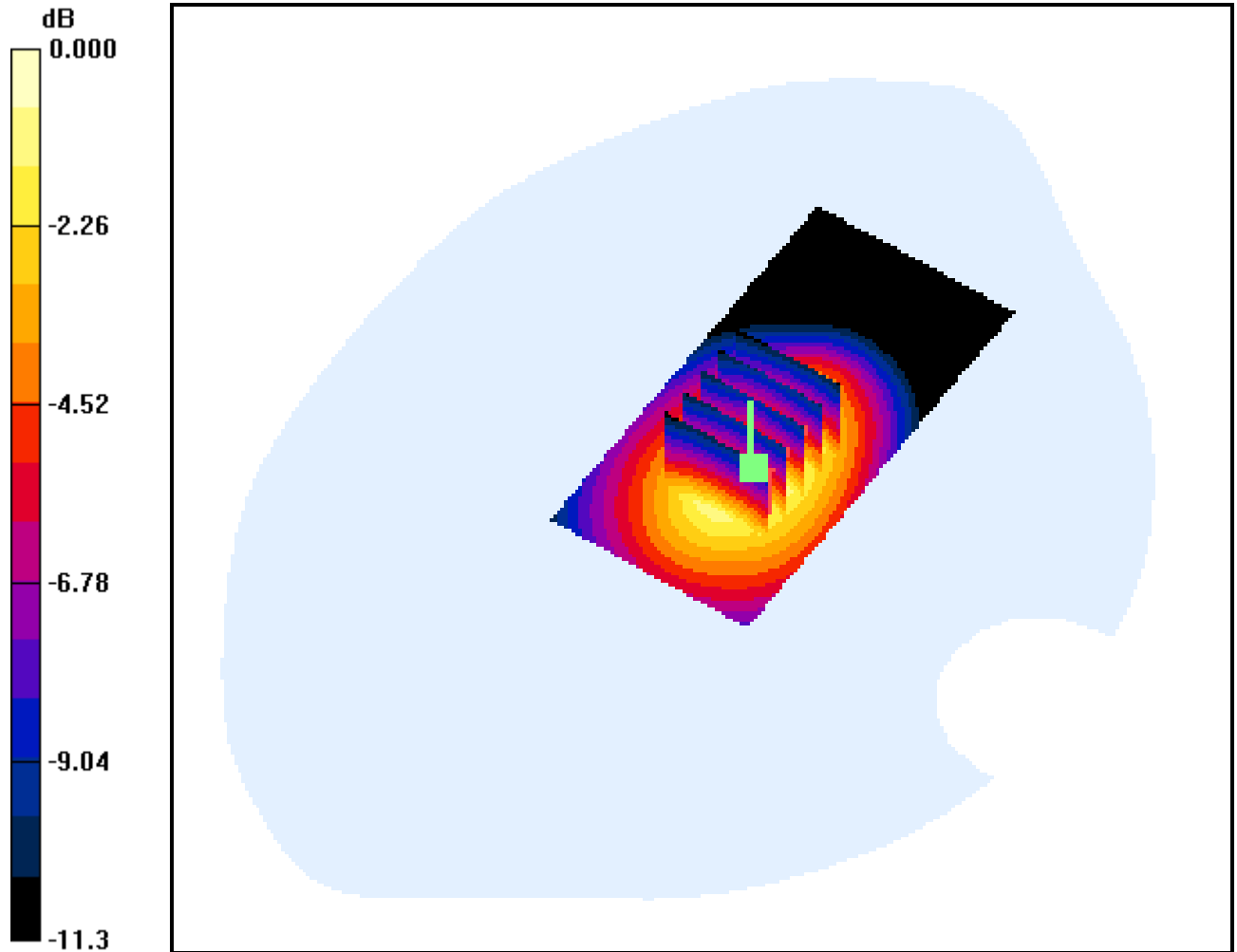
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.300 mW/g



0 dB = 0.504mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

Touch from Body, CDMA_Cellular Ch.1013, Ant Up

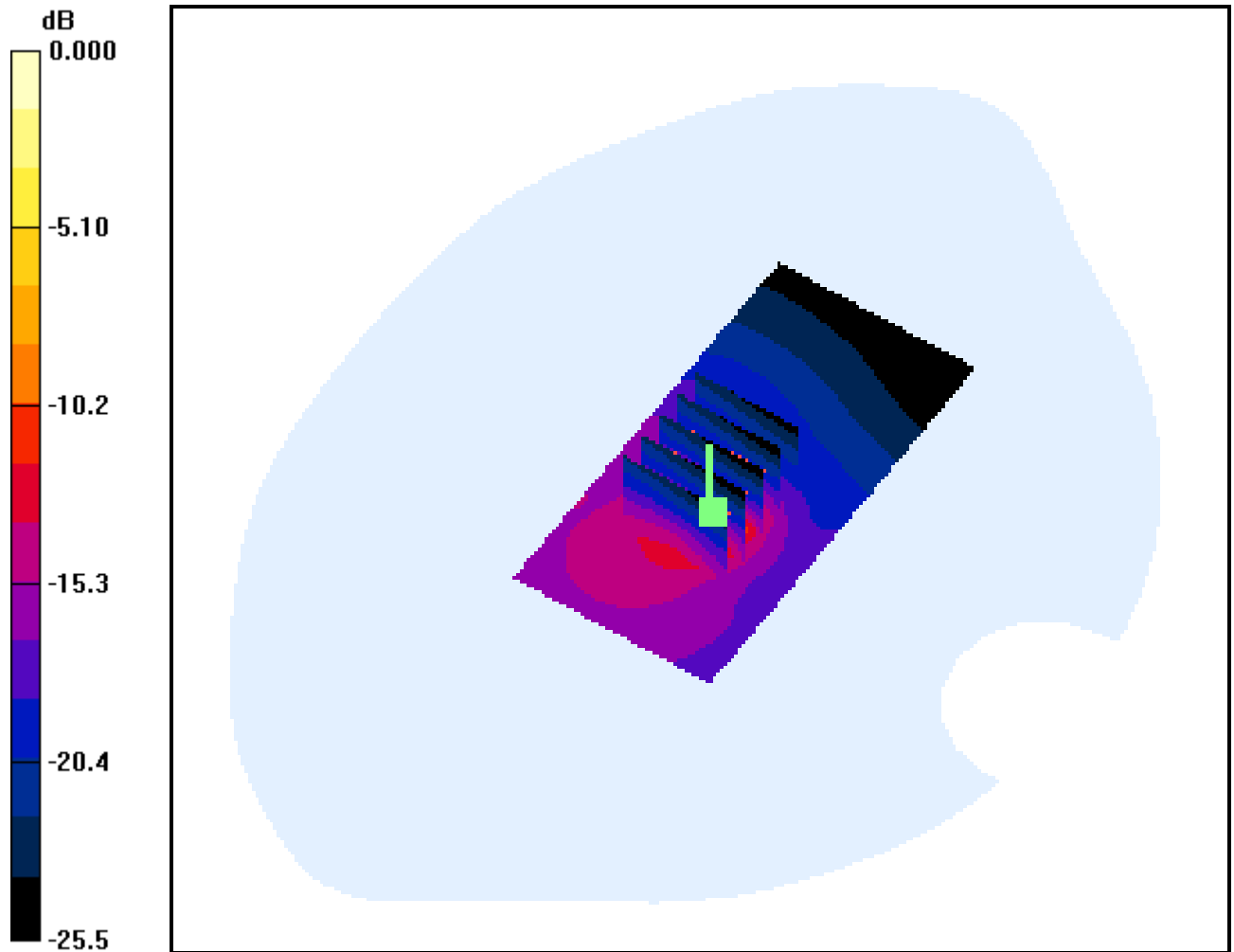
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.072 dB

Peak SAR (extrapolated) = 9.56 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.298 mW/g



0 dB = 3.08mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-04; Ambient Temp: 21.3; Tissue Temp: 21.2

Touch from Body, CDMA_EV-DO Ch.1013, Ant Up

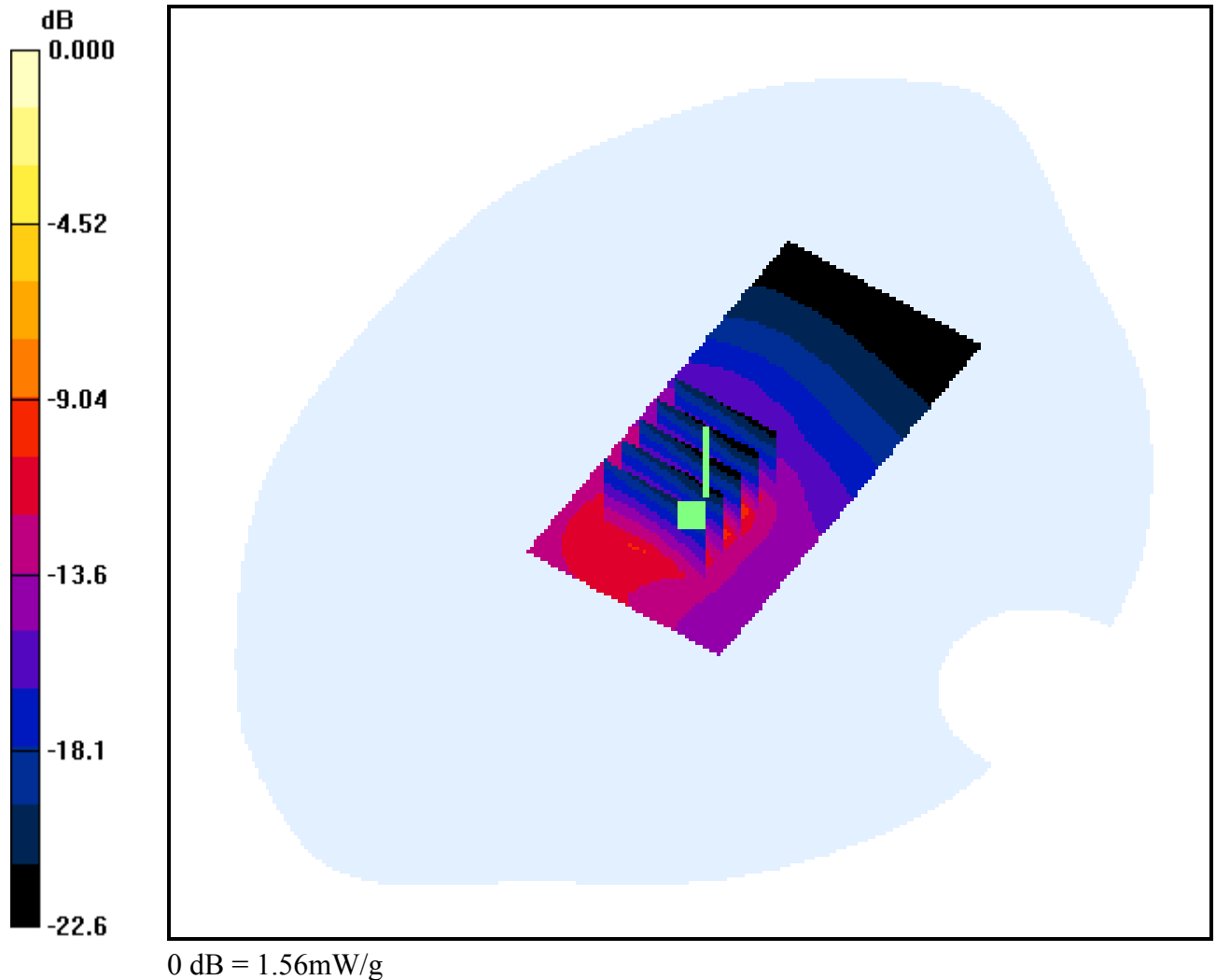
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.133 dB

Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.278 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ 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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

19mm from Body, CDMA_PCS Ch.25, Ant Horizontal

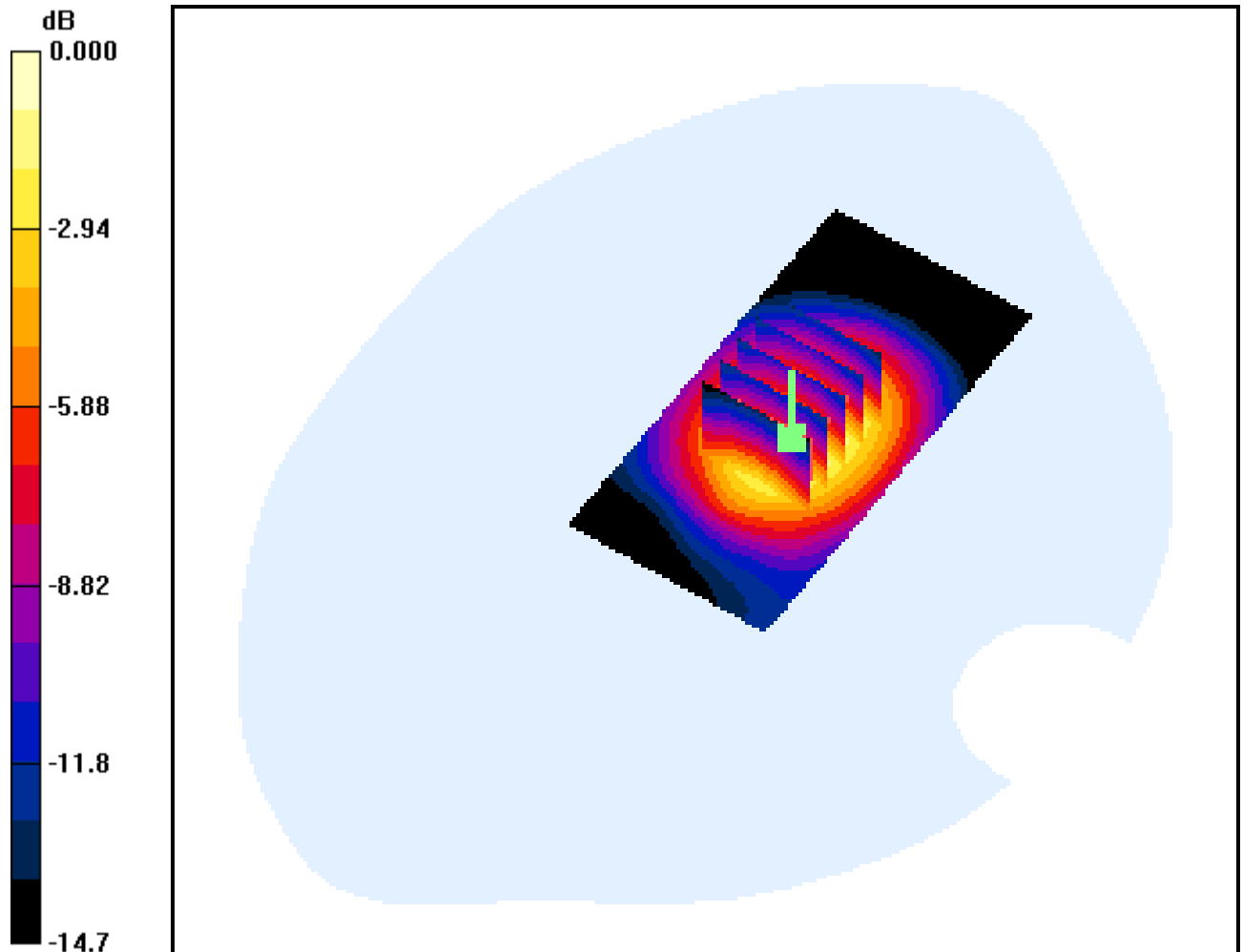
Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.047 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.572 mW/g



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

19mm from Body, CDMA_PCS Ch.600, Ant Horizontal

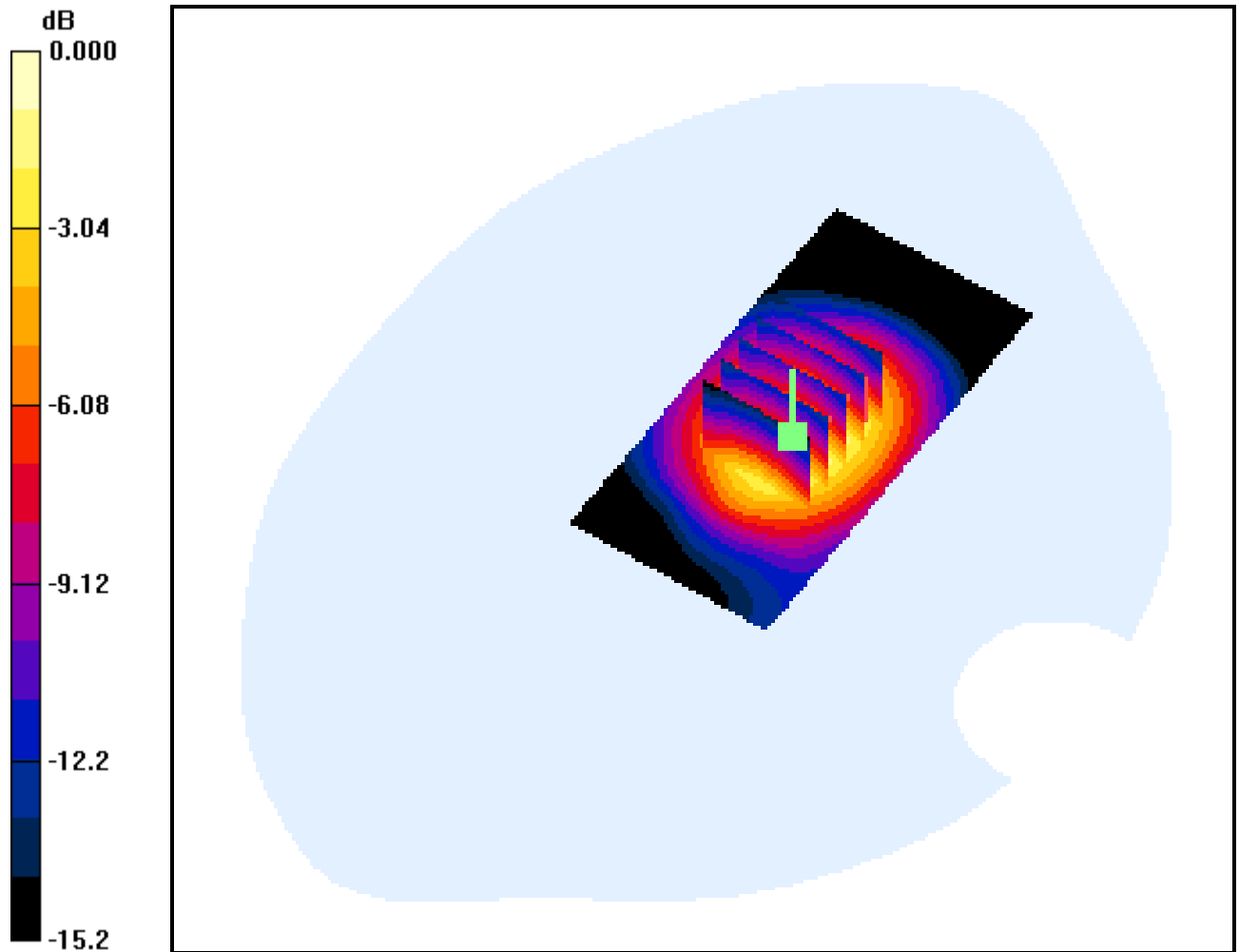
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.80 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.689 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

19mm from Body, CDMA_PCS Ch.1175, Ant Horizontal

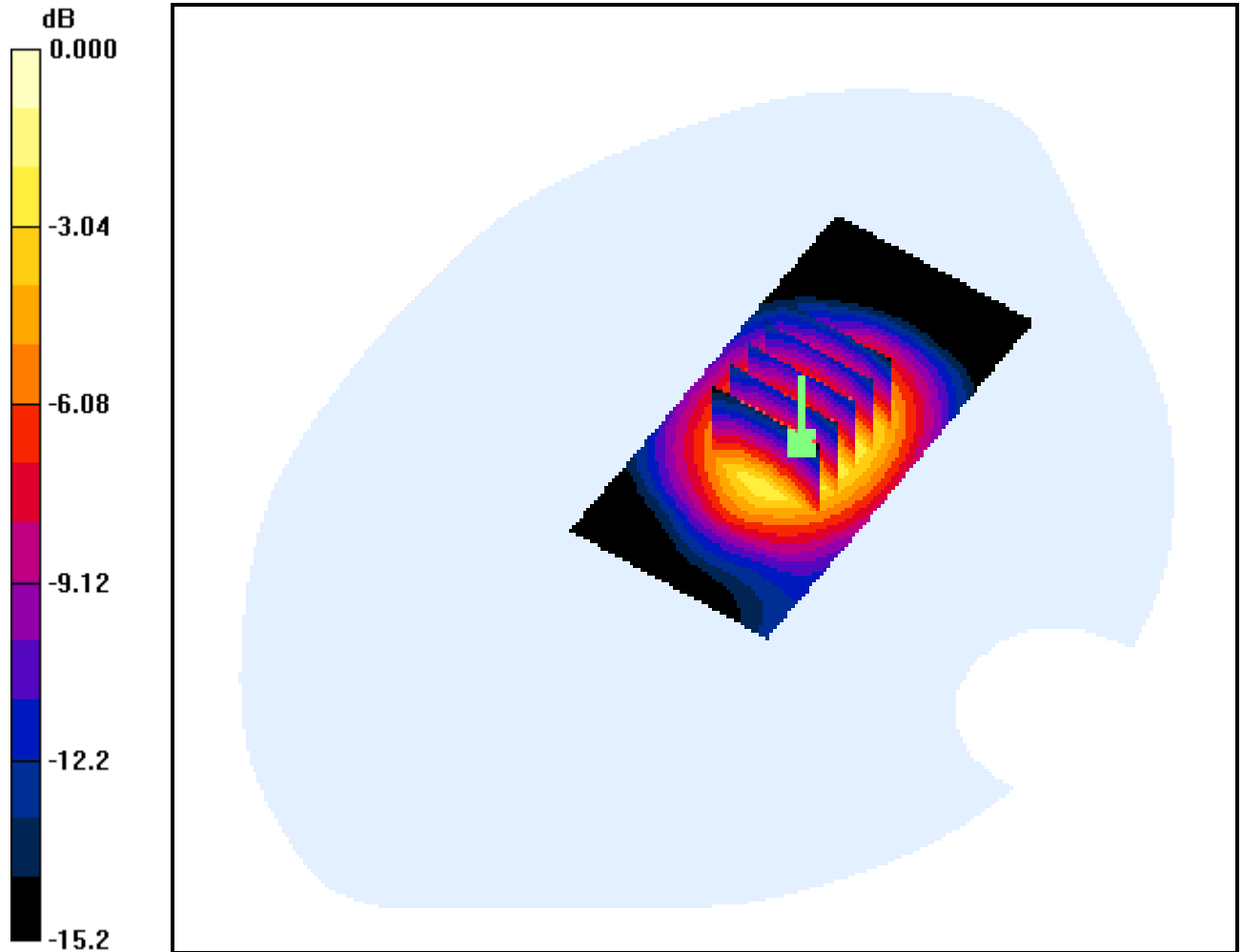
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.507 mW/g



0 dB = 0.933mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ 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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

19mm from Body, PCS_EV-DO Ch.25, Ant Horizontal

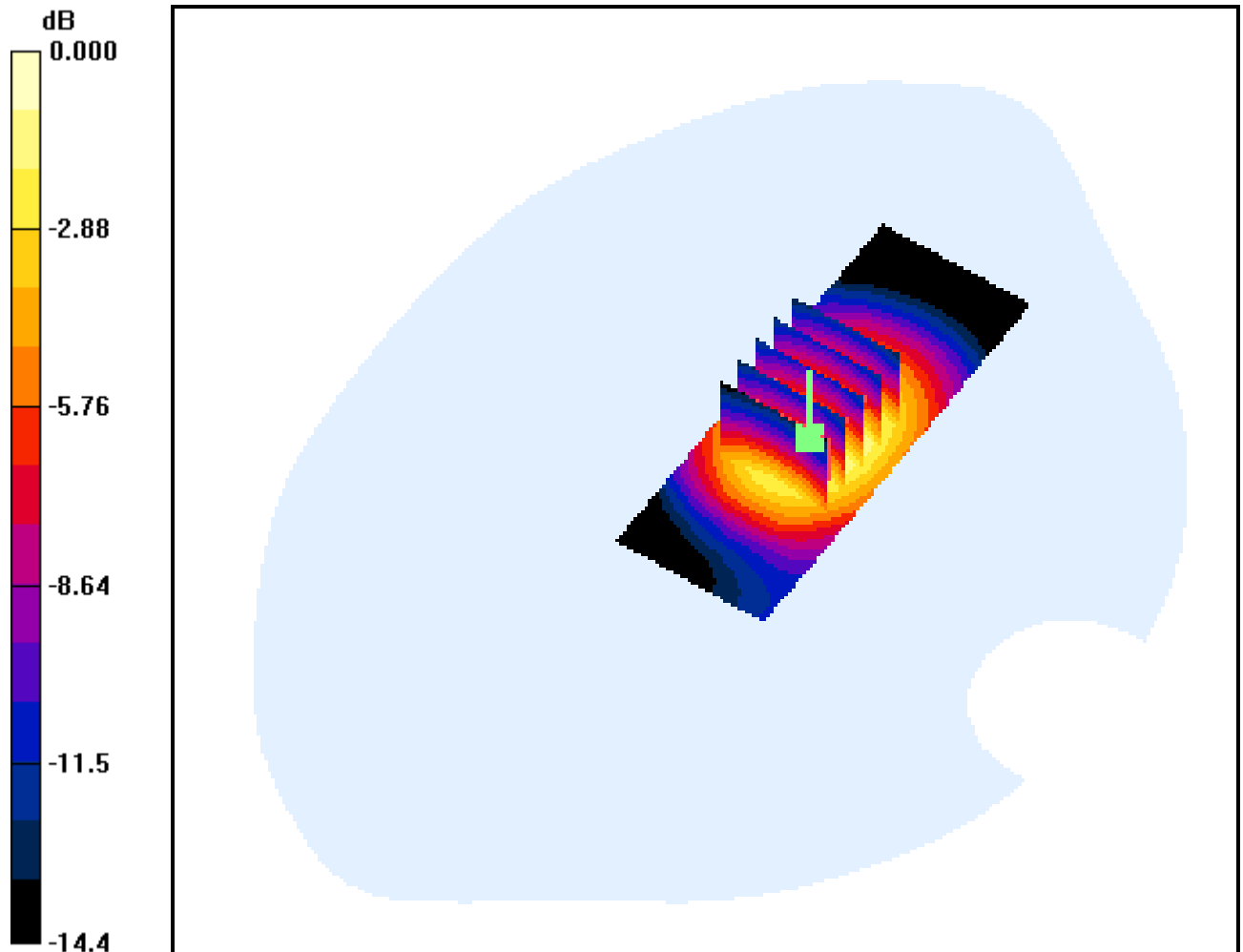
Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.081 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.450 mW/g



0 dB = 0.790mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

19mm from Body, PCS_EV-DO Ch.600, Ant Horizontal

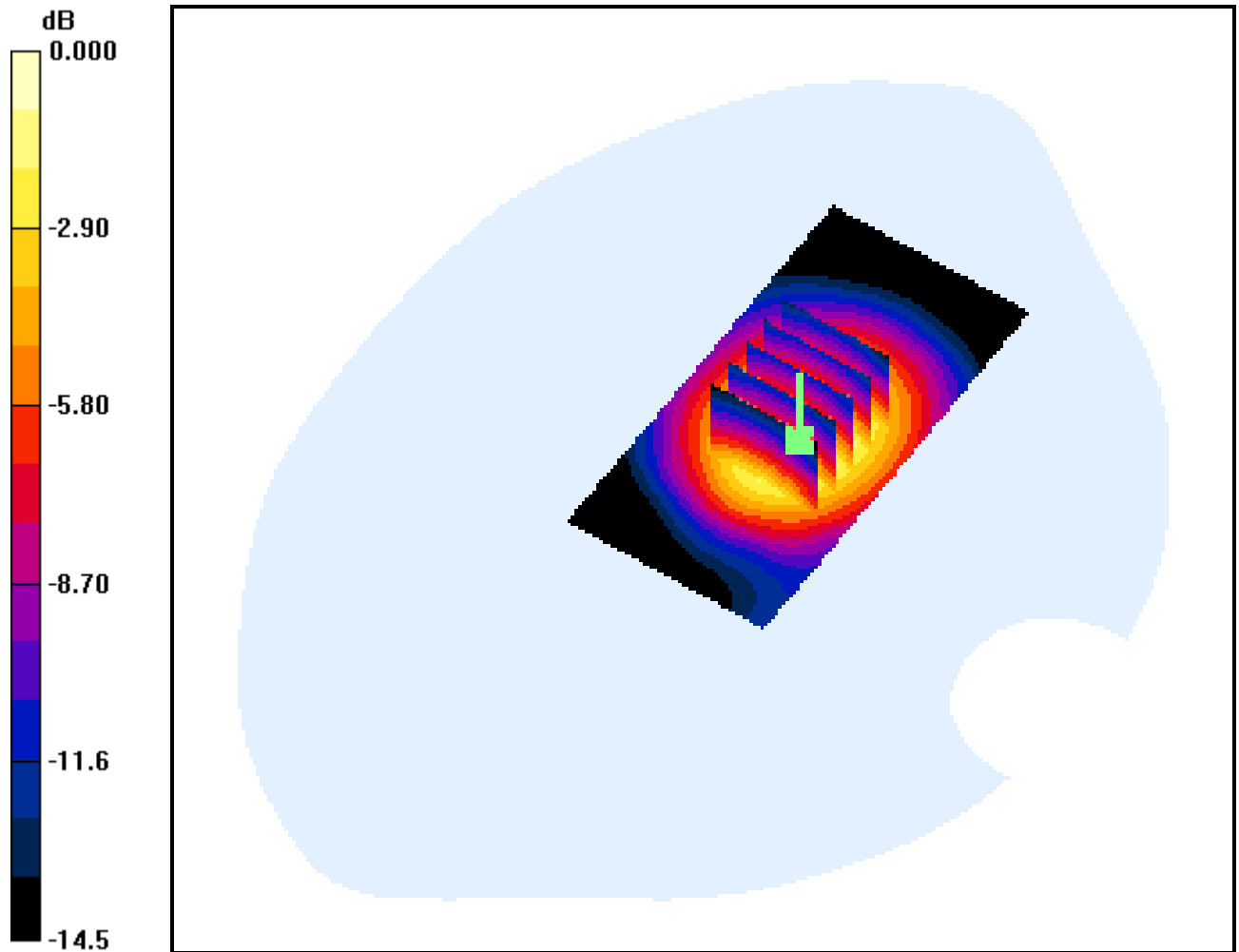
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.116 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.565 mW/g



0 dB = 0.995mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

19mm from Body, PCS_EV-DO Ch.1175, Ant Horizontal

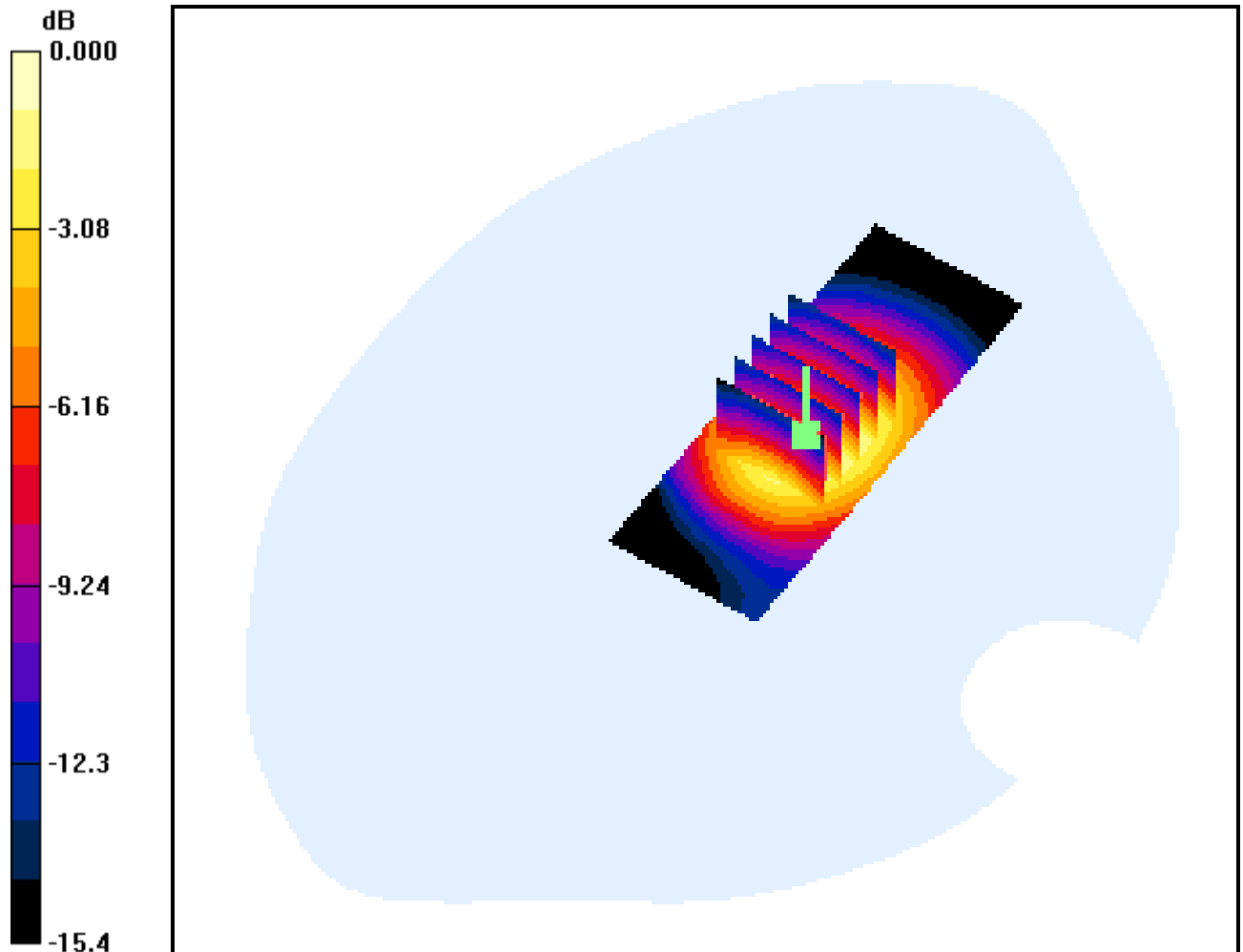
Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.405 mW/g



0 dB = 0.730mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

15mm from Body, CDMA_PCS Ch.600, Ant Vertical

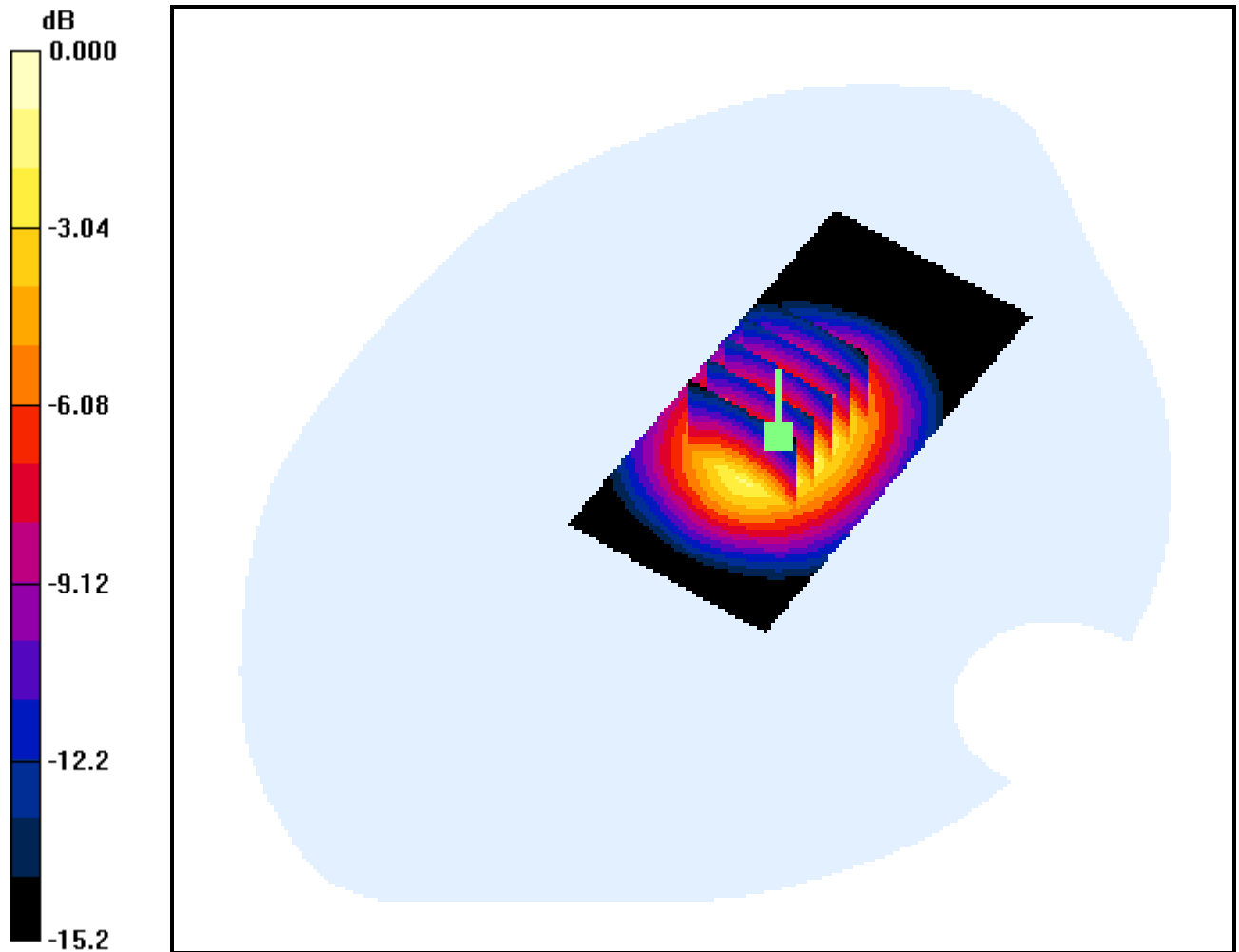
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.053 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.790 mW/g



0 dB = 1.47mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

15mm from Body, PCS_EV-DO Ch.600, Ant Vertical

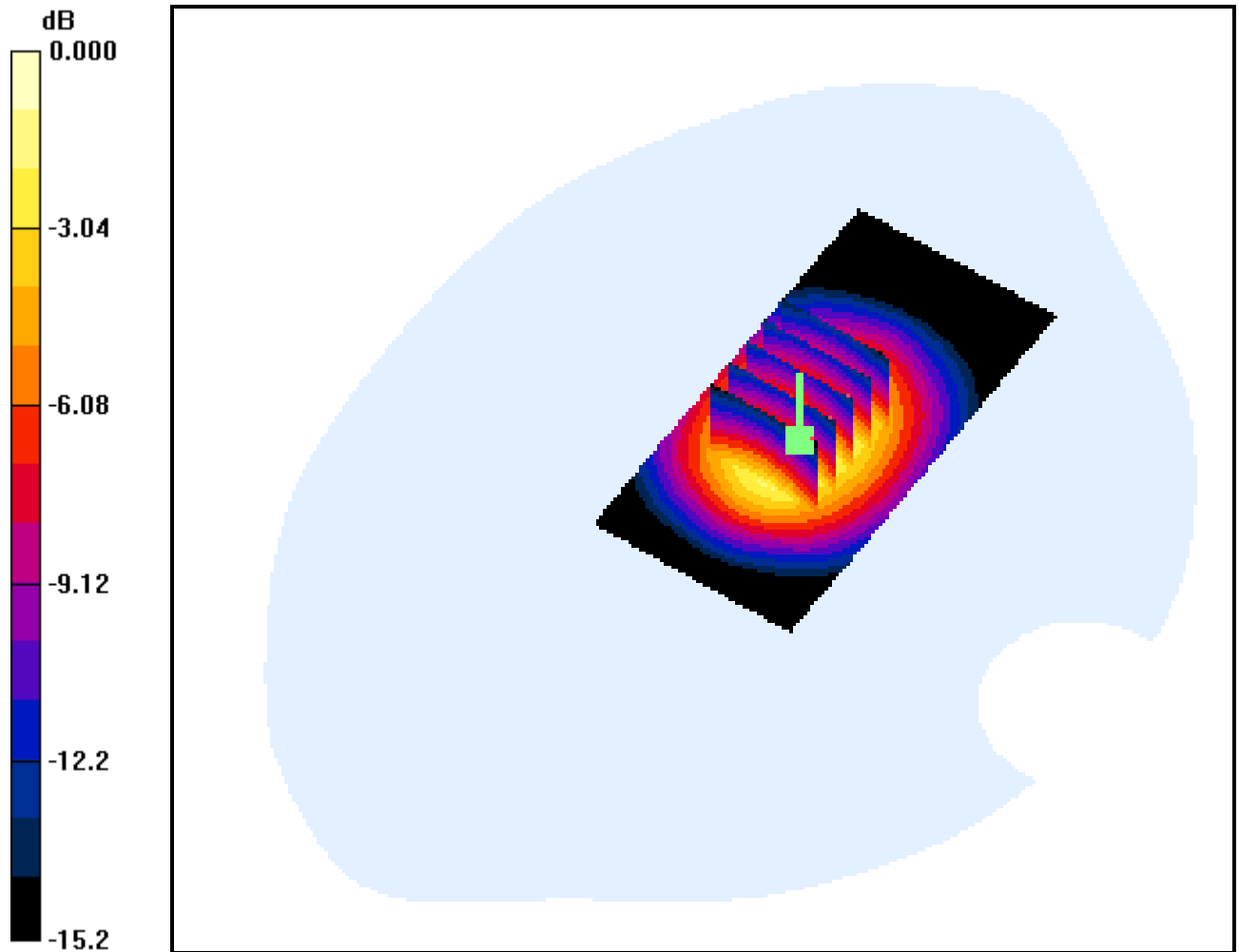
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.152 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.695 mW/g



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

Communication System: FCC_PCS; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

Touch from Body, CDMA_PCS Ch.600, Ant Up

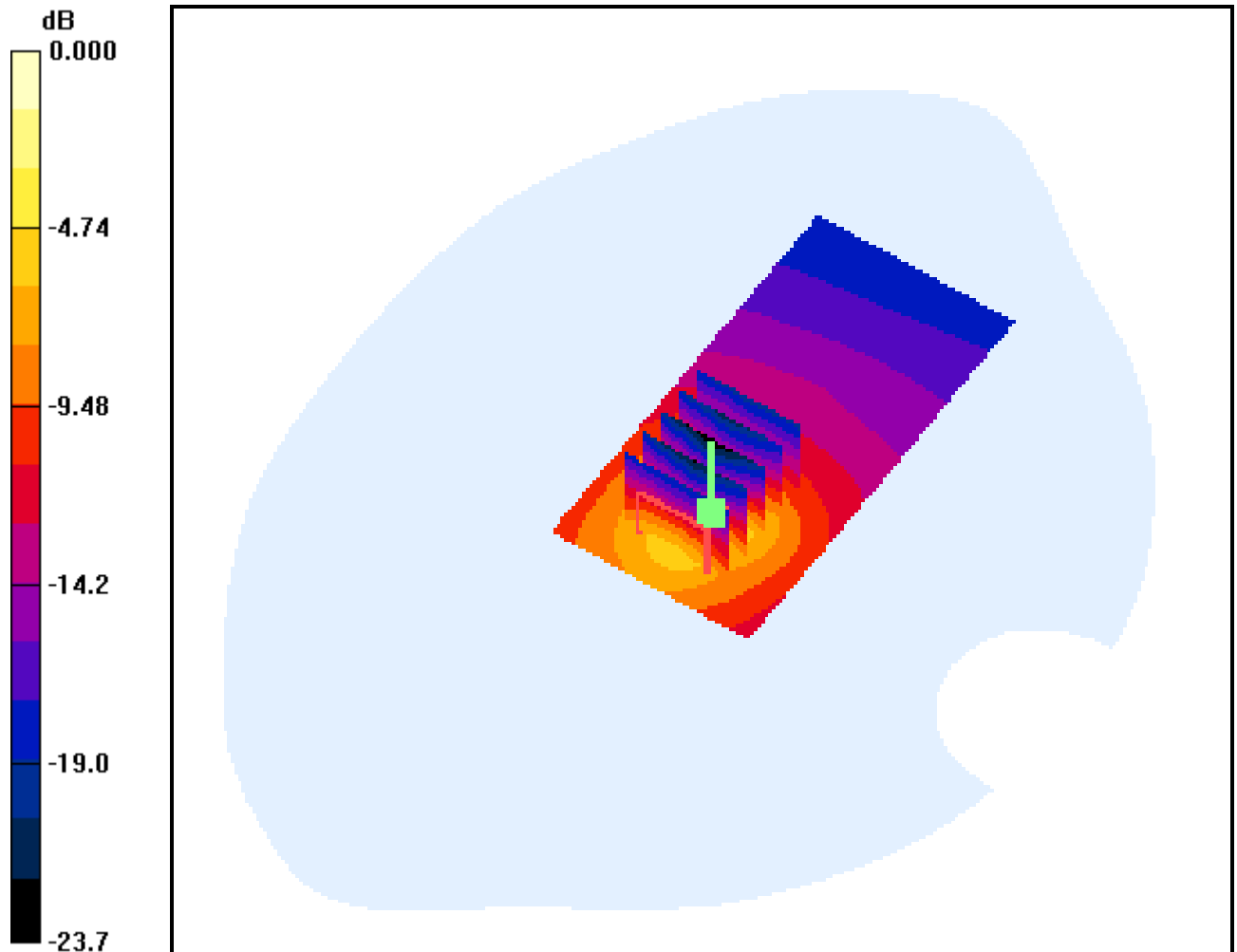
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.259 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.370 mW/g



0 dB = 1.70mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

Touch from Body, PCS_EV-DO Ch.600, Ant Up

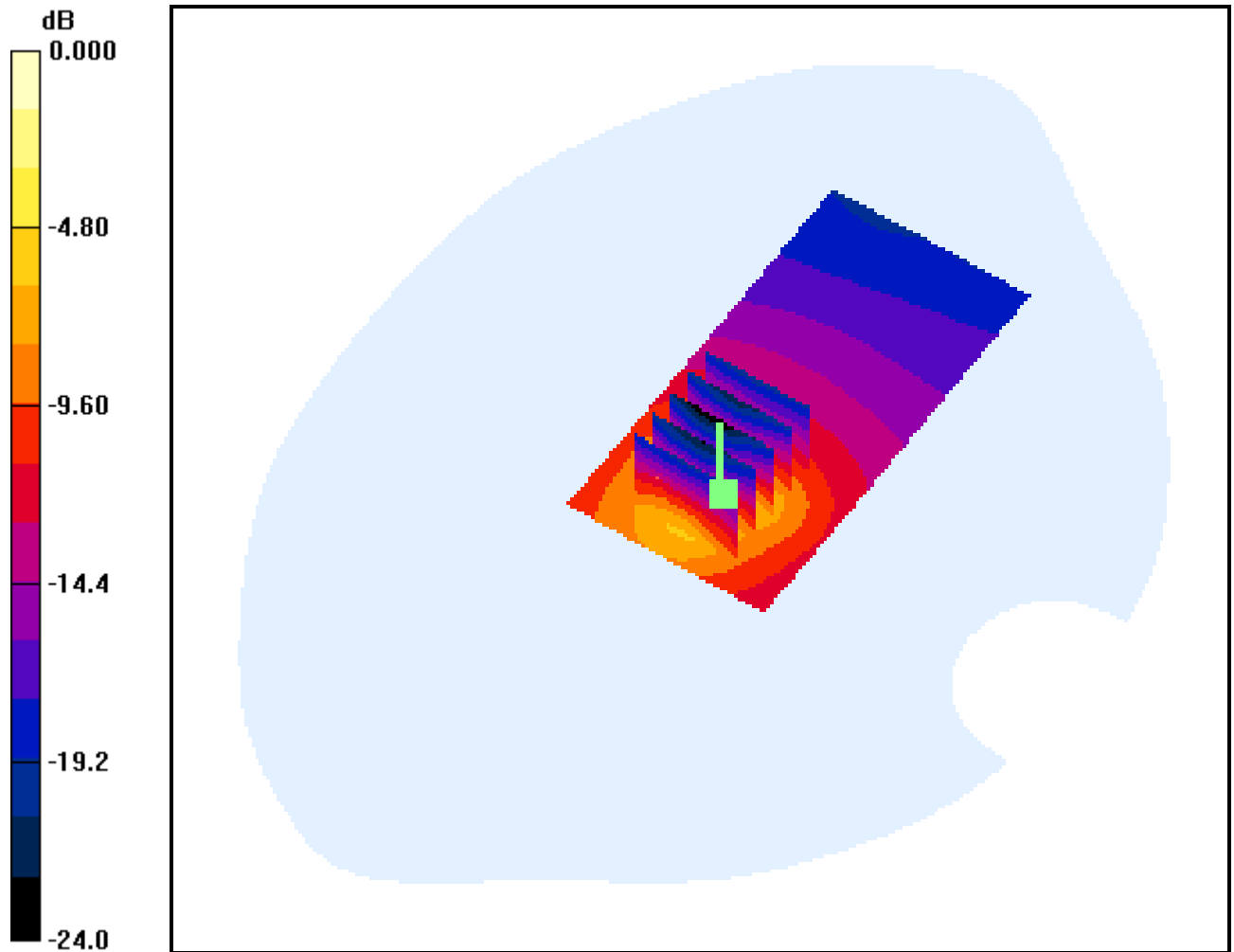
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 4.24 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.395 mW/g



0 dB = 2.07mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

19.5mm from Body, CDMA_Cellular Ch.1013, Ant Horizontal

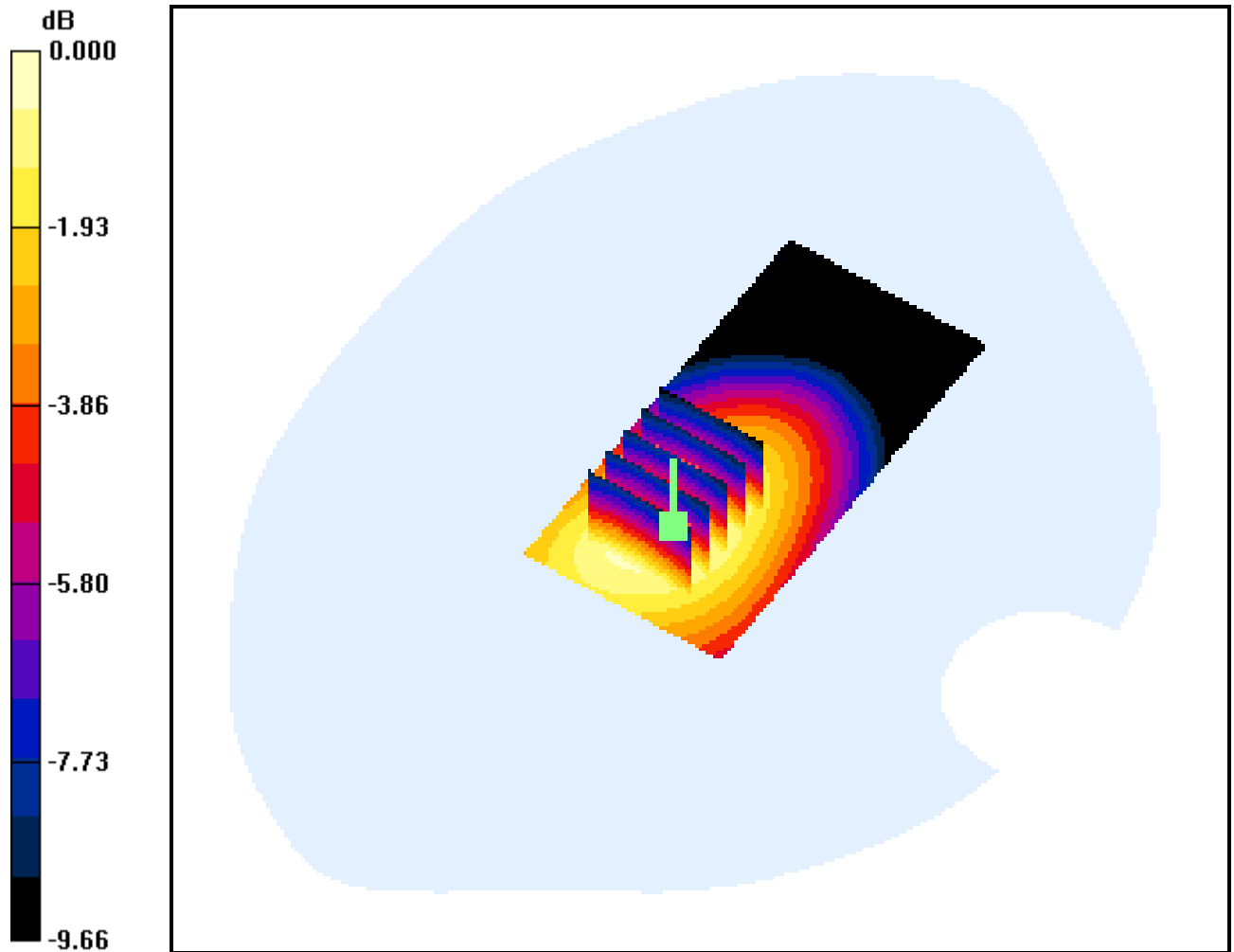
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.128 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.742 mW/g



0 dB = 1.13mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

19.5mm from Body, CDMA_Cellular Ch.384, Ant Horizontal

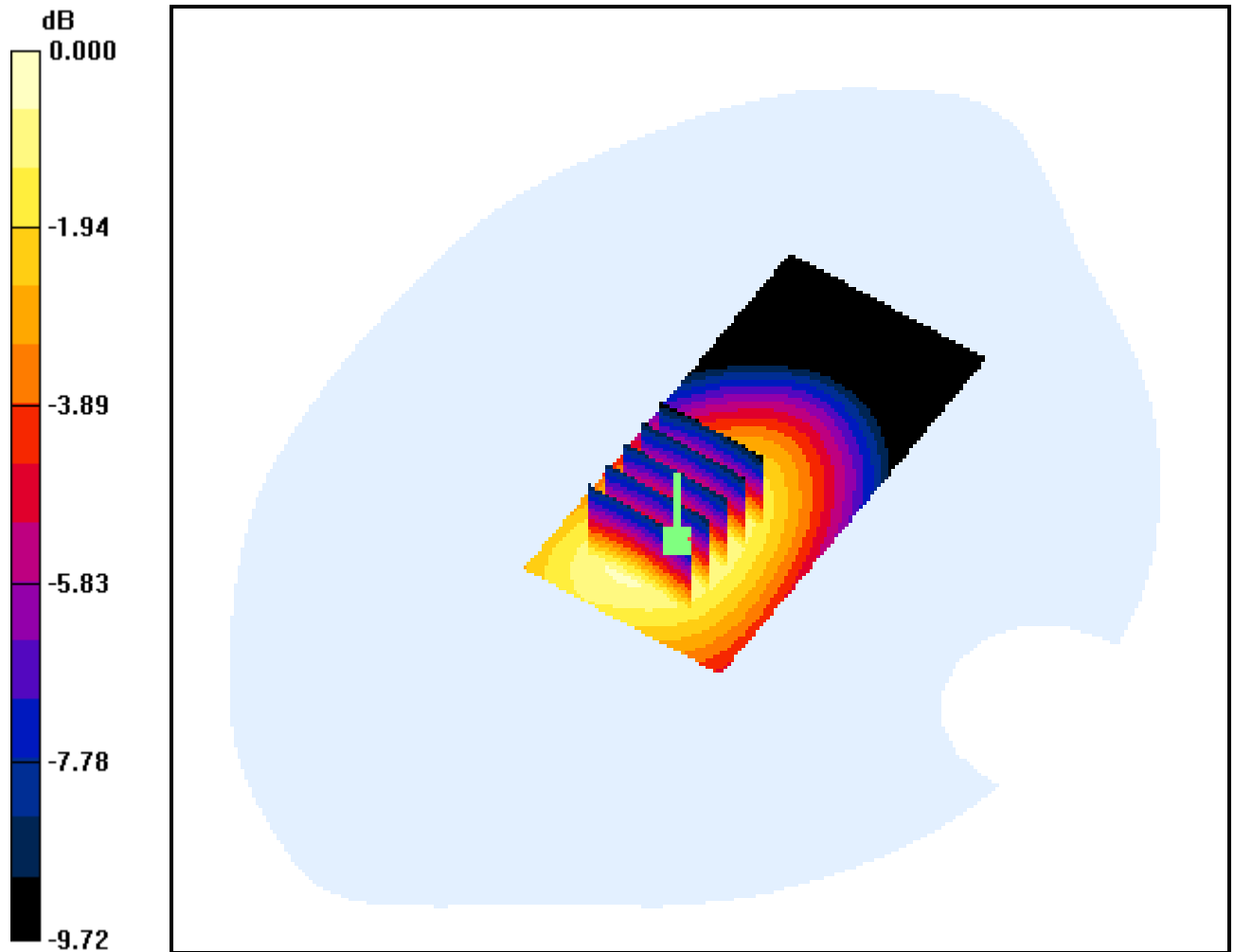
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.34 W/kg

SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.685 mW/g



0 dB = 1.05mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

19.5mm from Body, CDMA_Cellular Ch.777, Ant Horizontal

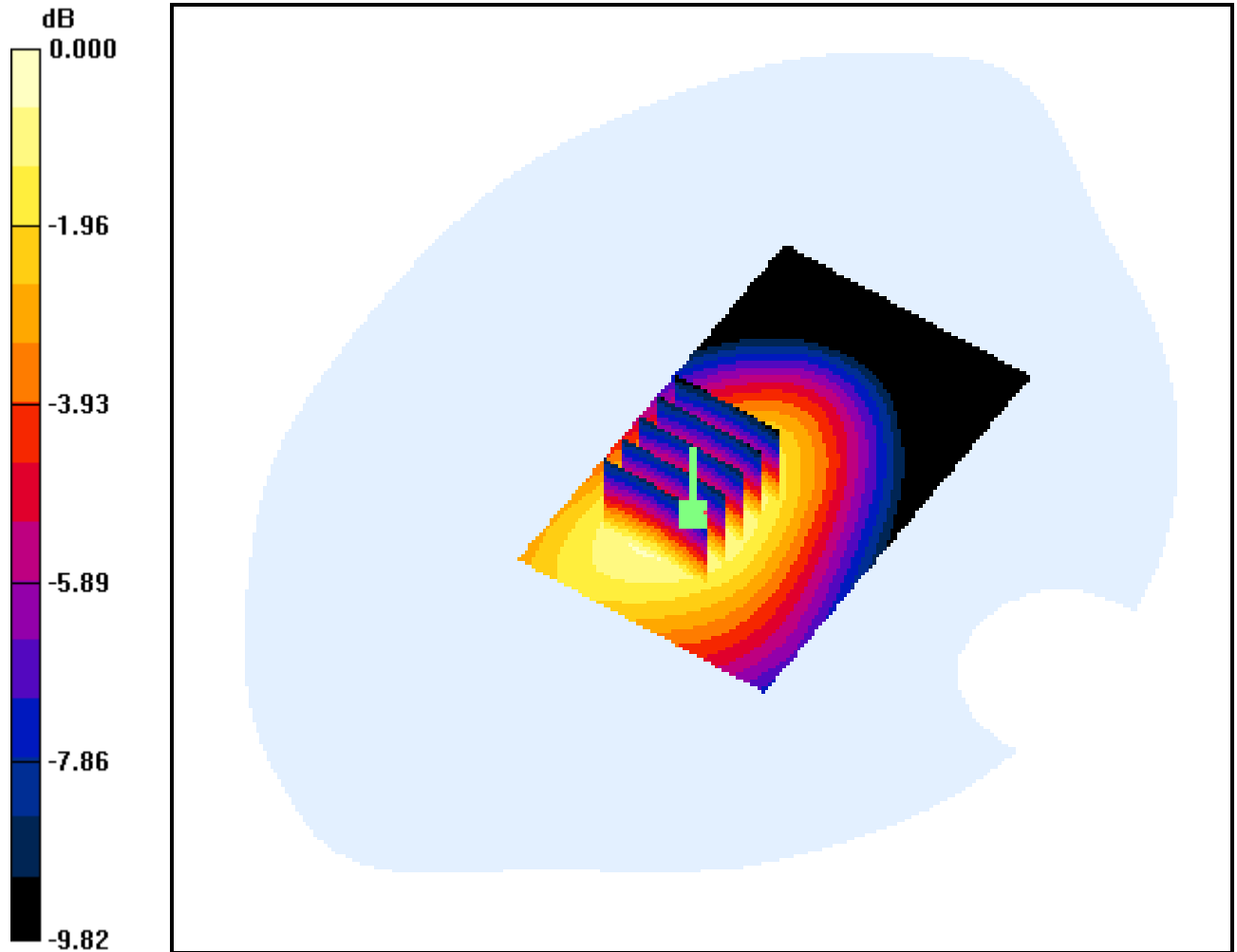
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.051 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.621 mW/g



0 dB = 0.959mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

19.5mm from Body, CDMA_EV-DO Ch.1013, Ant Horizontal

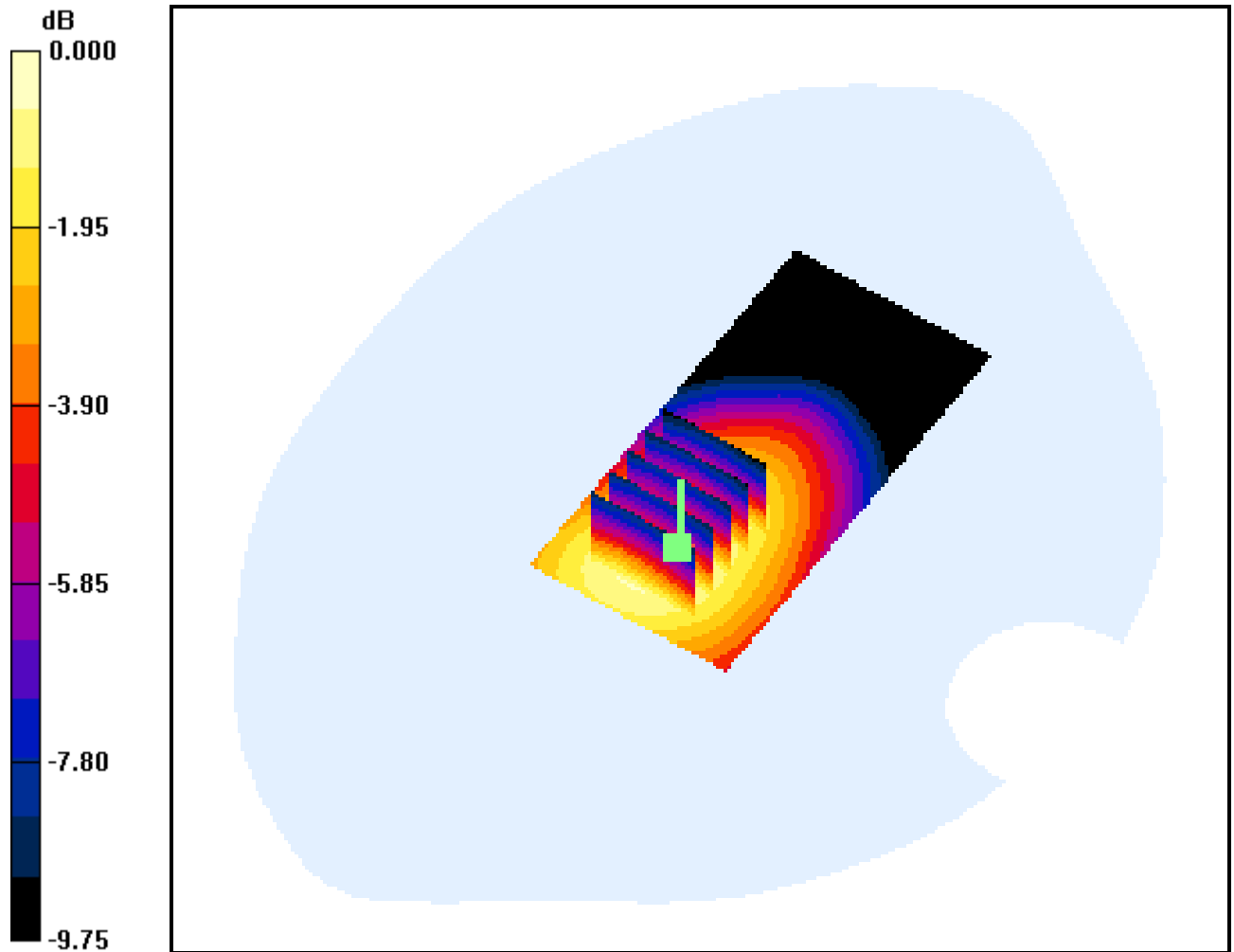
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.17 W/kg

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.564 mW/g



0 dB = 0.866mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

19.5mm from Body, CDMA_EV-DO Ch.384, Ant Horizontal

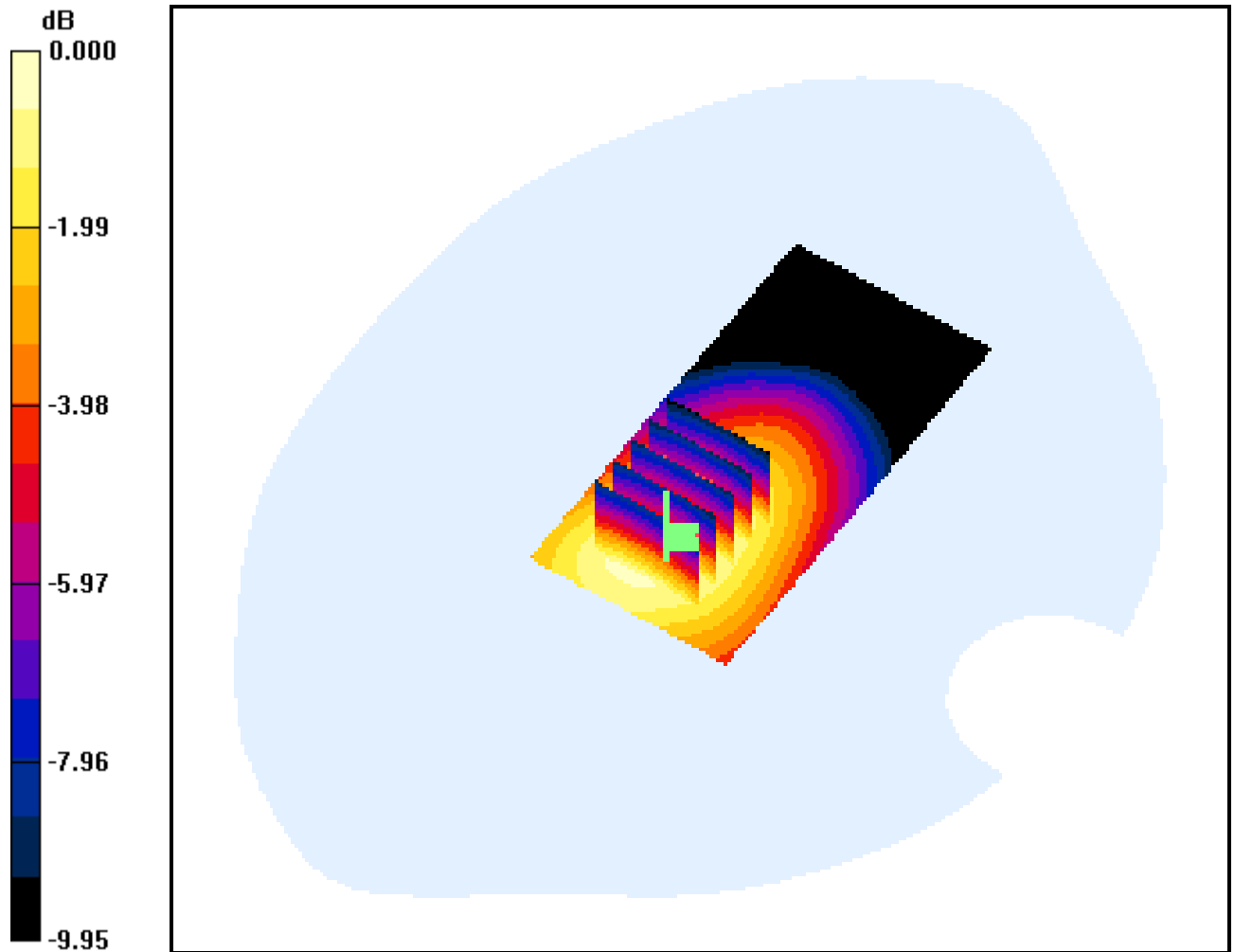
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.072 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.534 mW/g



0 dB = 0.816mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

19.5mm from Body, CDMA_EV-DO Ch.777, Ant Horizontal

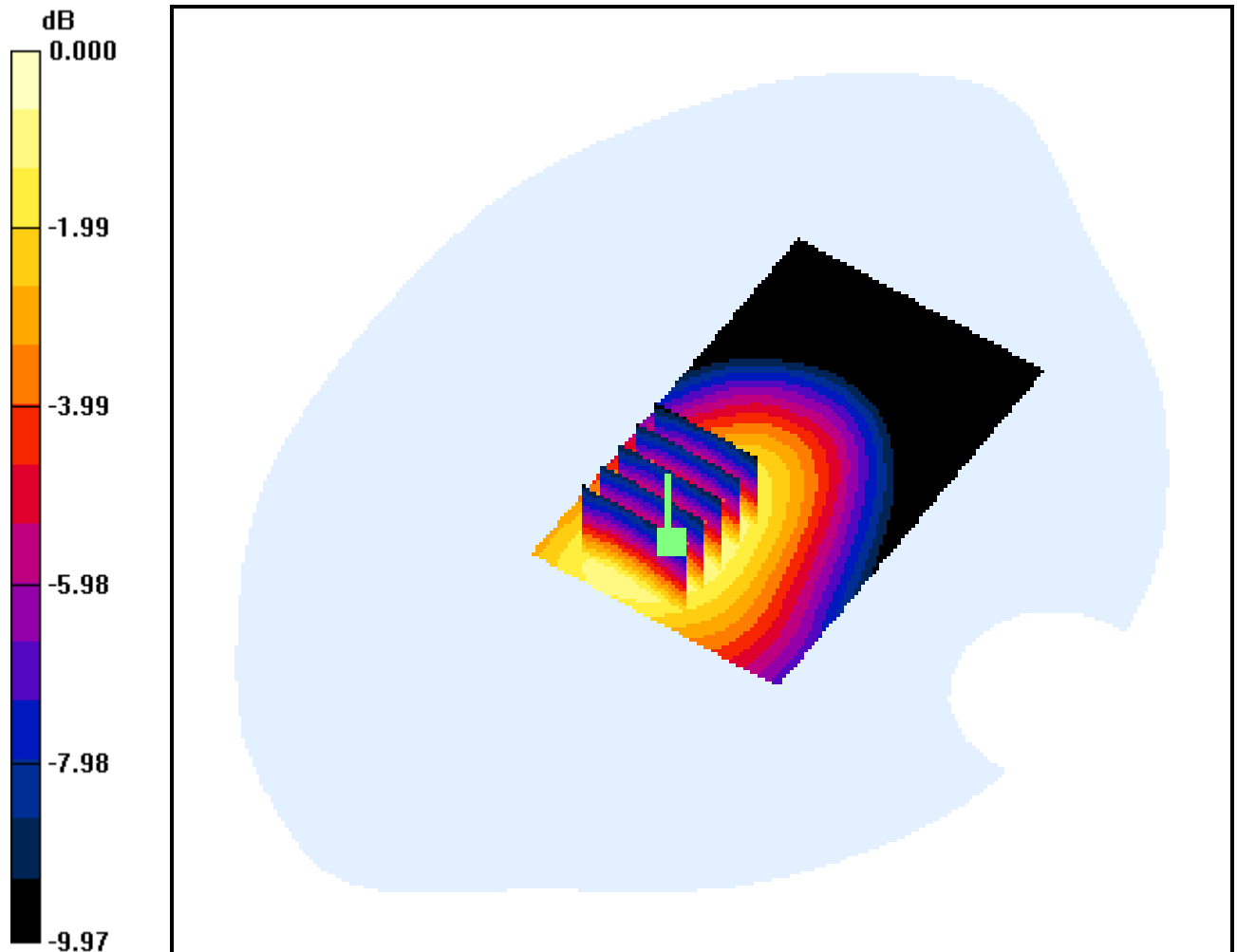
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.208 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.517 mW/g



0 dB = 0.823mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

15mm from Body, CDMA_Cellular Ch.1013, Ant Vertical

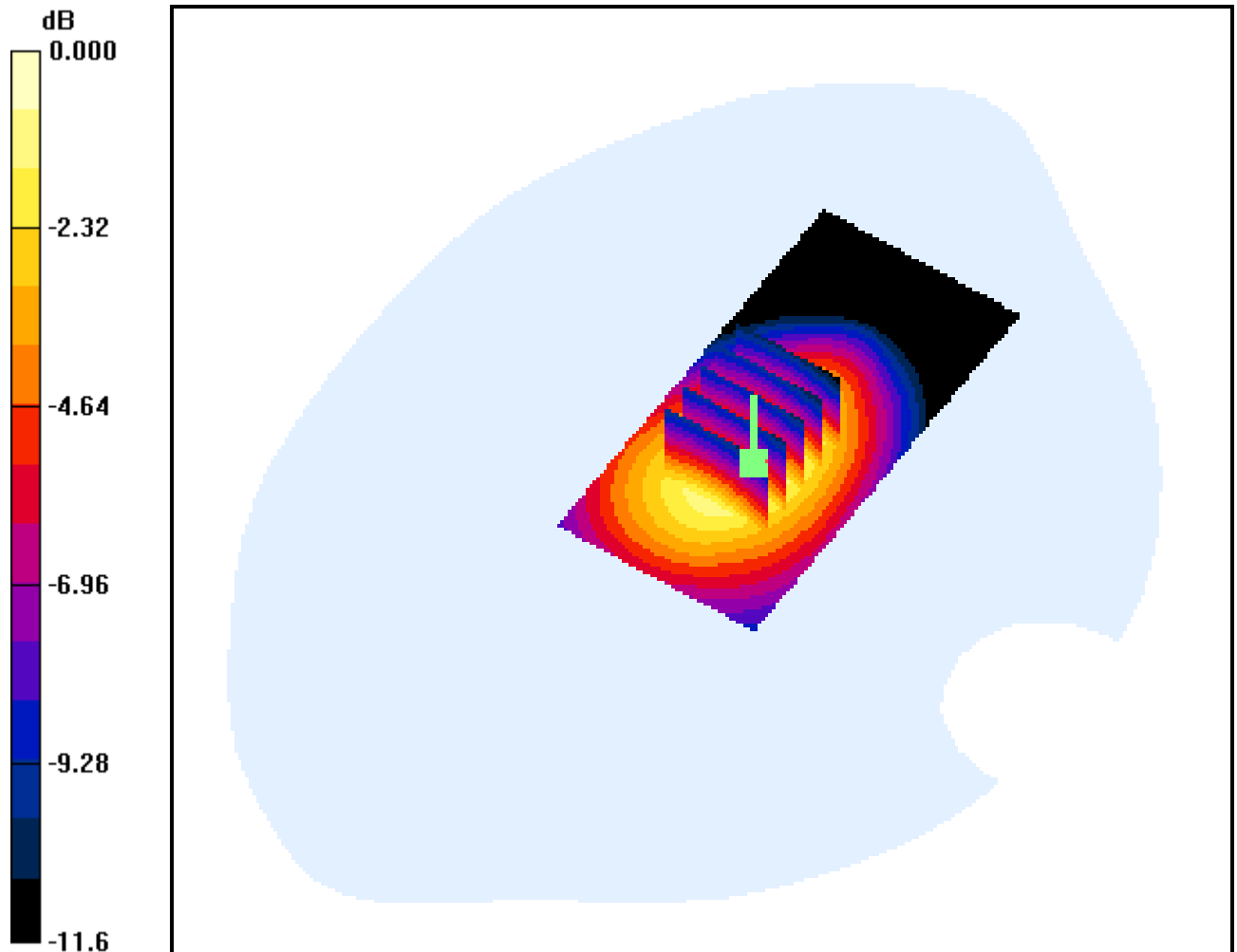
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.516 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.226 mW/g



0 dB = 0.379mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

15mm from Body, CDMA_EV-DO Ch.1013, Ant Vertical

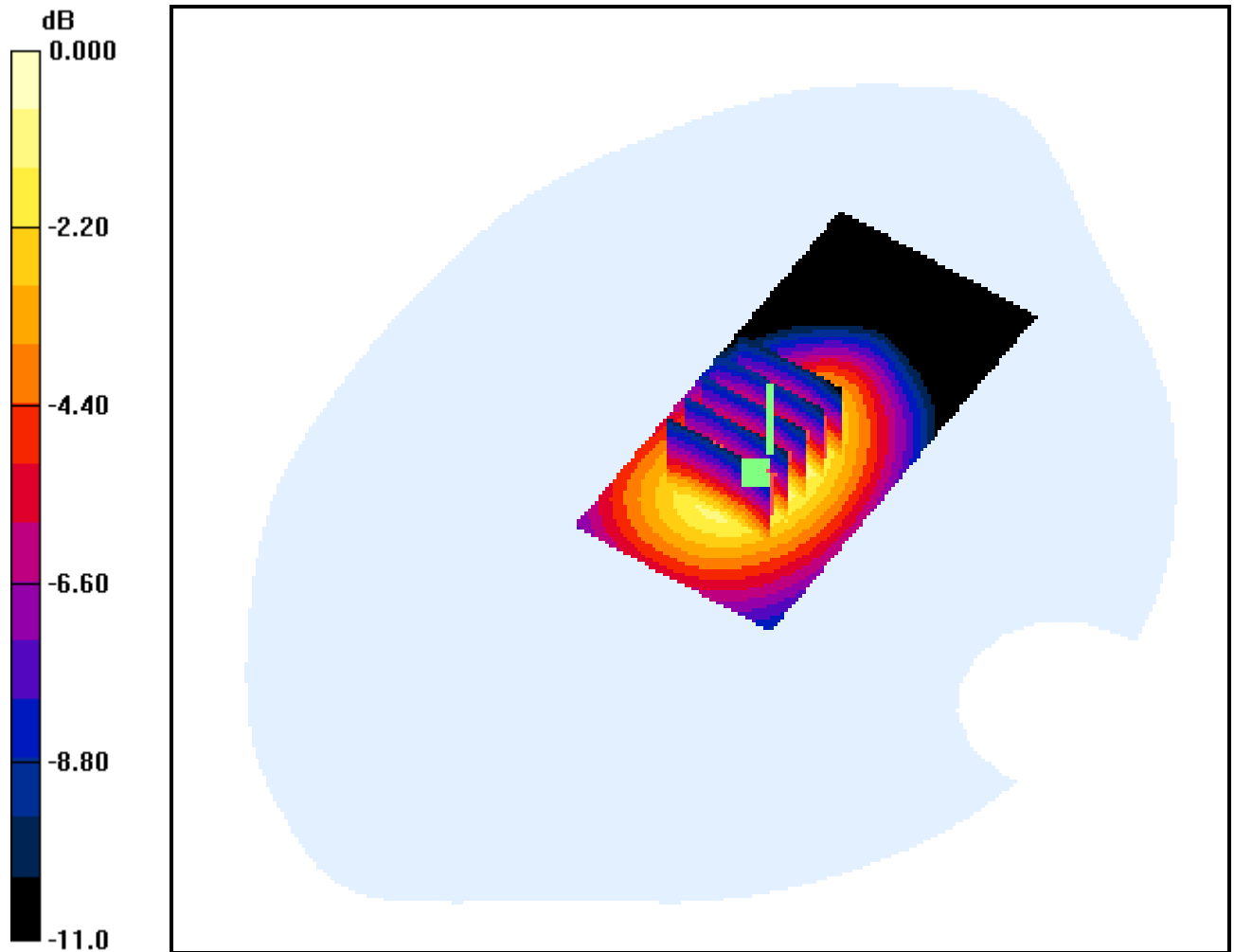
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.443 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.196 mW/g



0 dB = 0.320mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, CDMA_Cellular Ch.1013, Ant Up

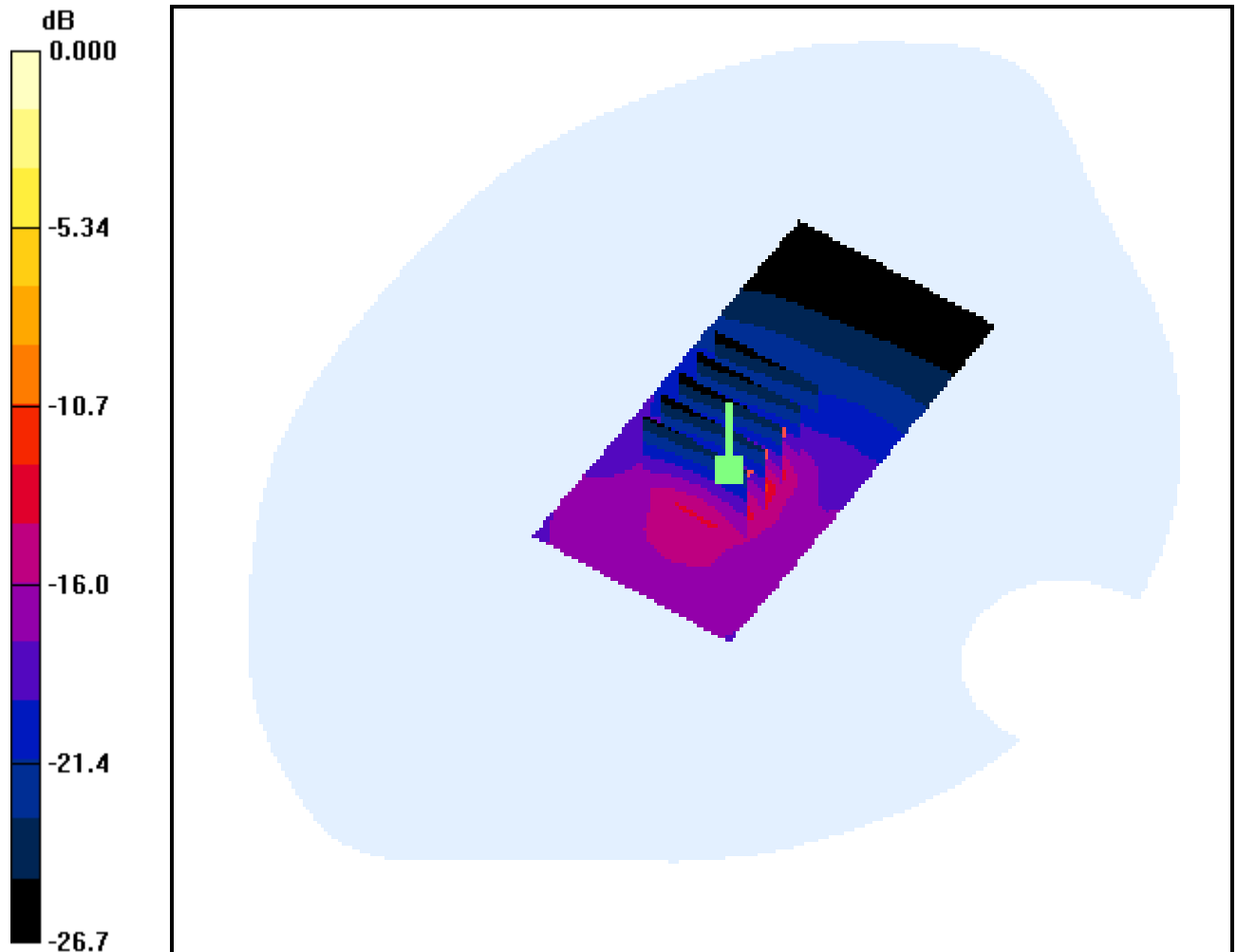
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 10.1 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.297 mW/g



0 dB = 3.72mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, CDMA_EV-DO Ch.1013, Ant Up

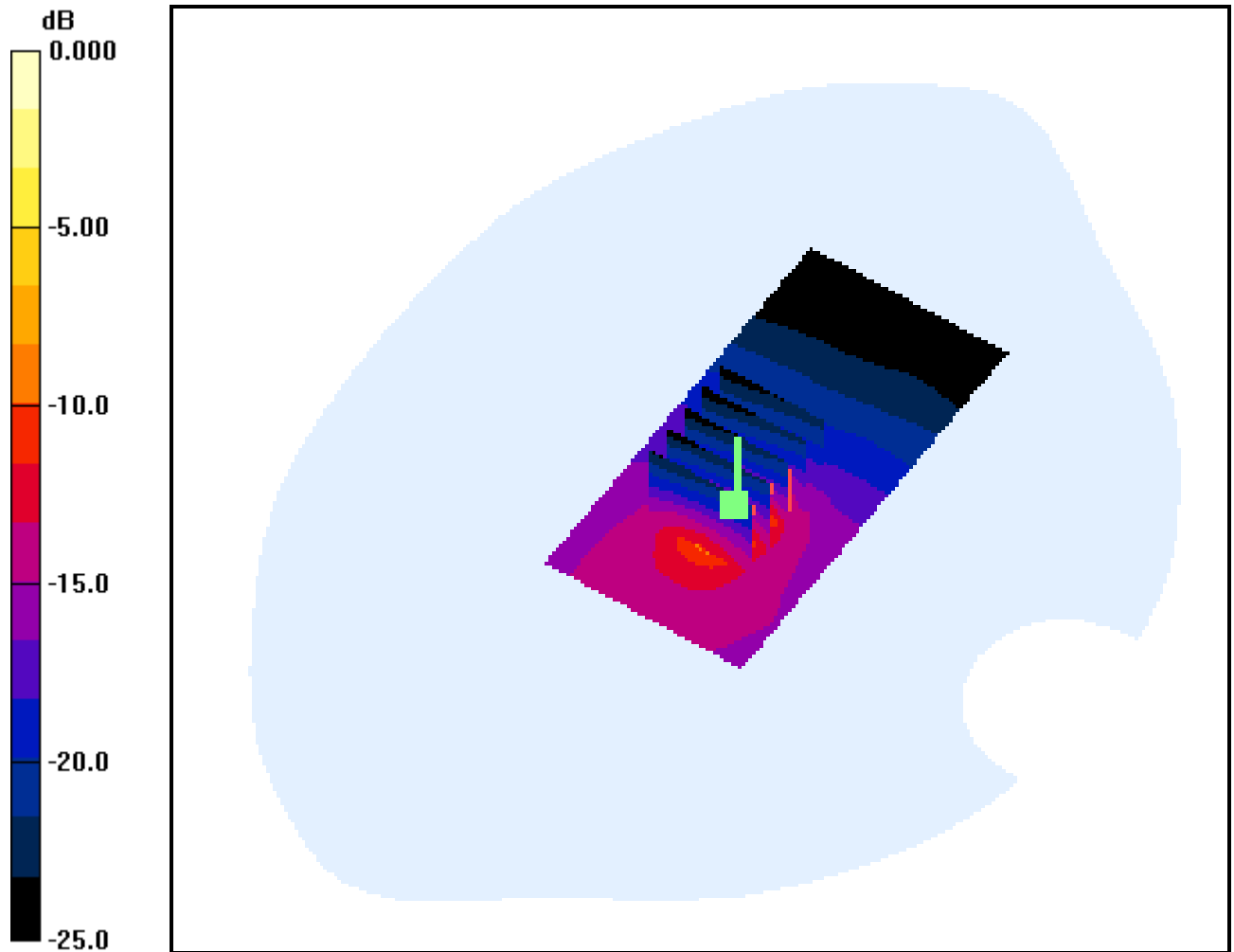
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.212 dB

Peak SAR (extrapolated) = 6.29 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.219 mW/g



0 dB = 1.96mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

19.5mm from Body, CDMA_Cellular Ch.25, Ant Horizontal

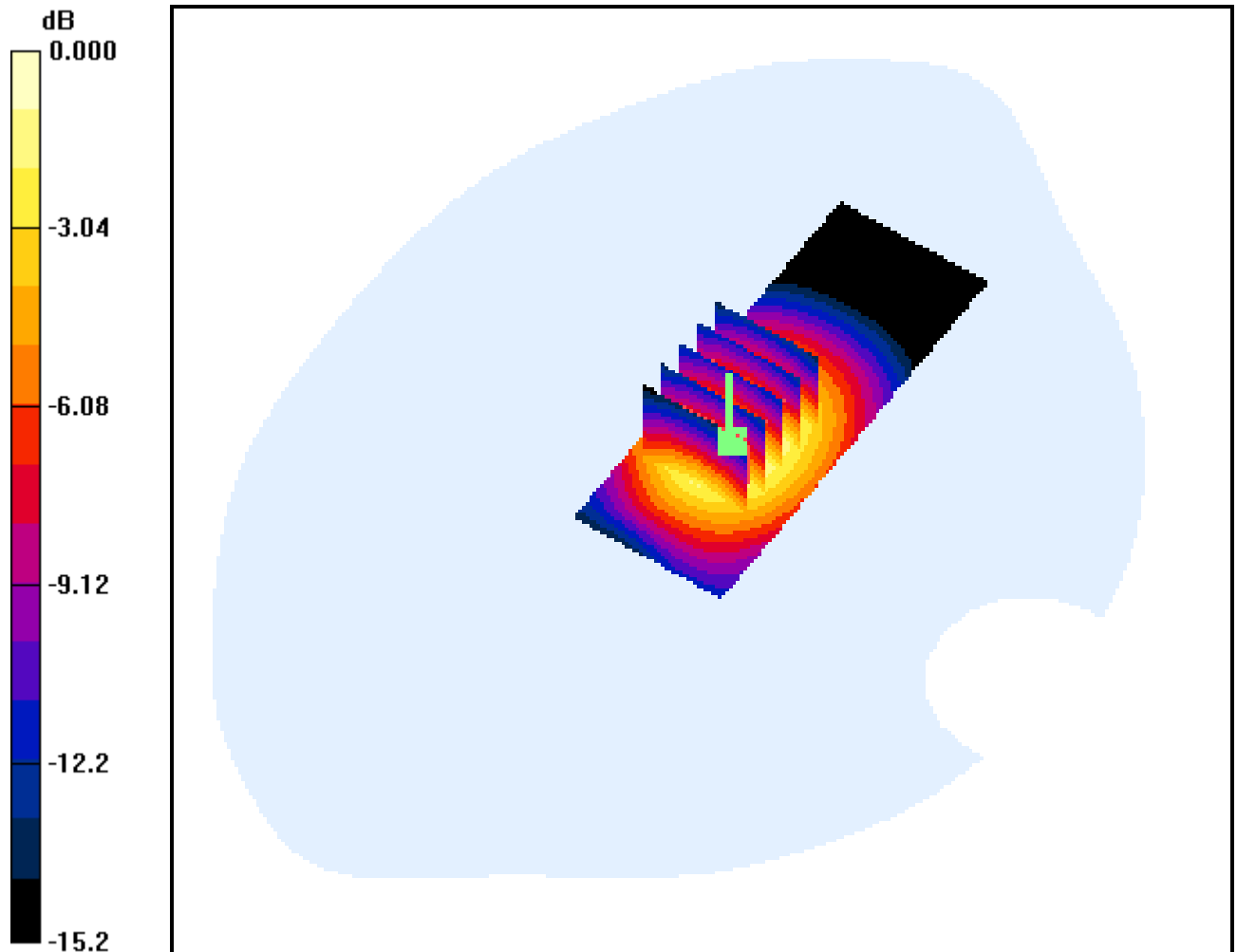
Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.22 W/kg

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.477 mW/g



0 dB = 0.853mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

19.5mm from Body, CDMA_Cellular Ch.600, Ant Horizontal

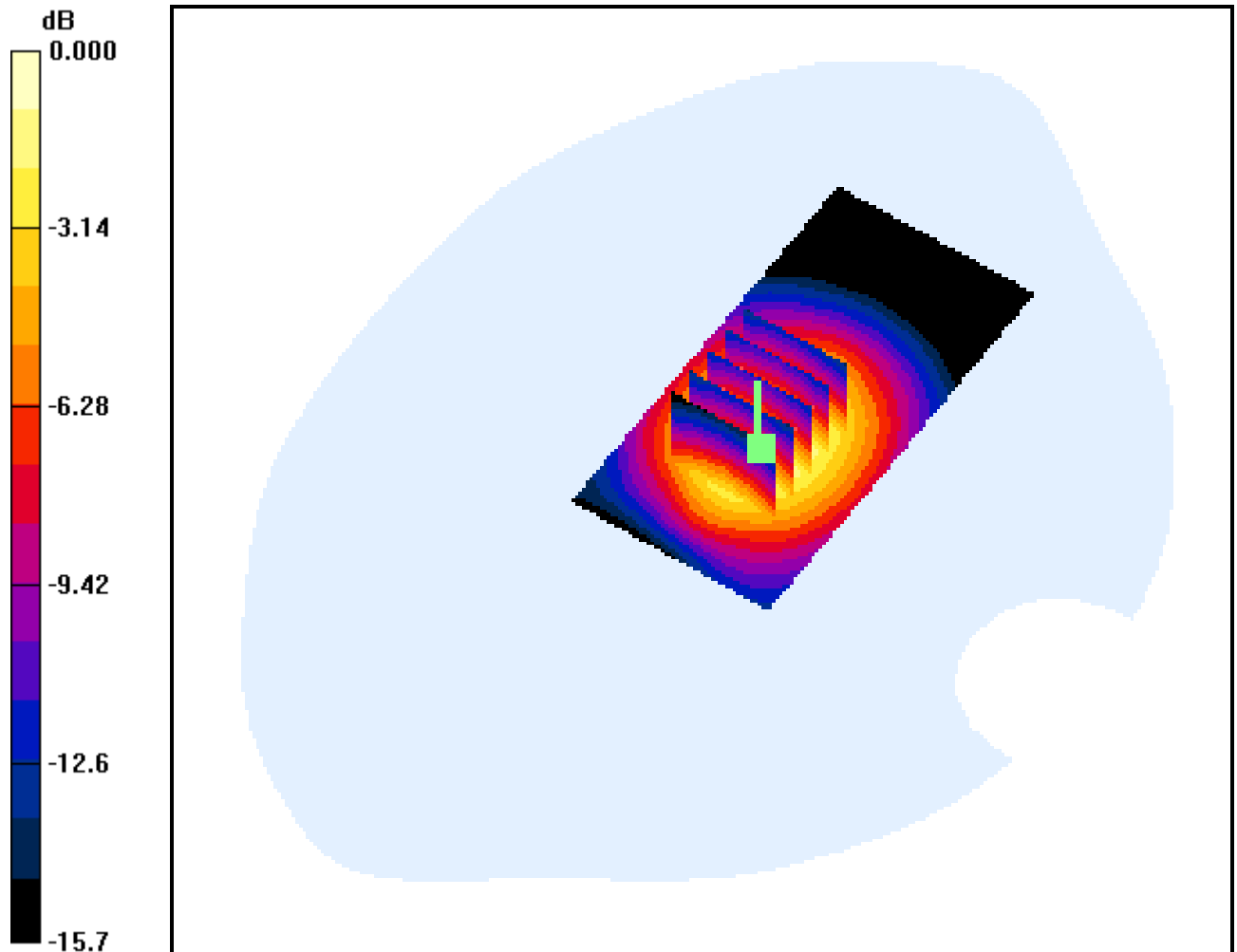
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.48 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.565 mW/g



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

19.5mm from Body, CDMA_Cellular Ch.1175, Ant Horizontal

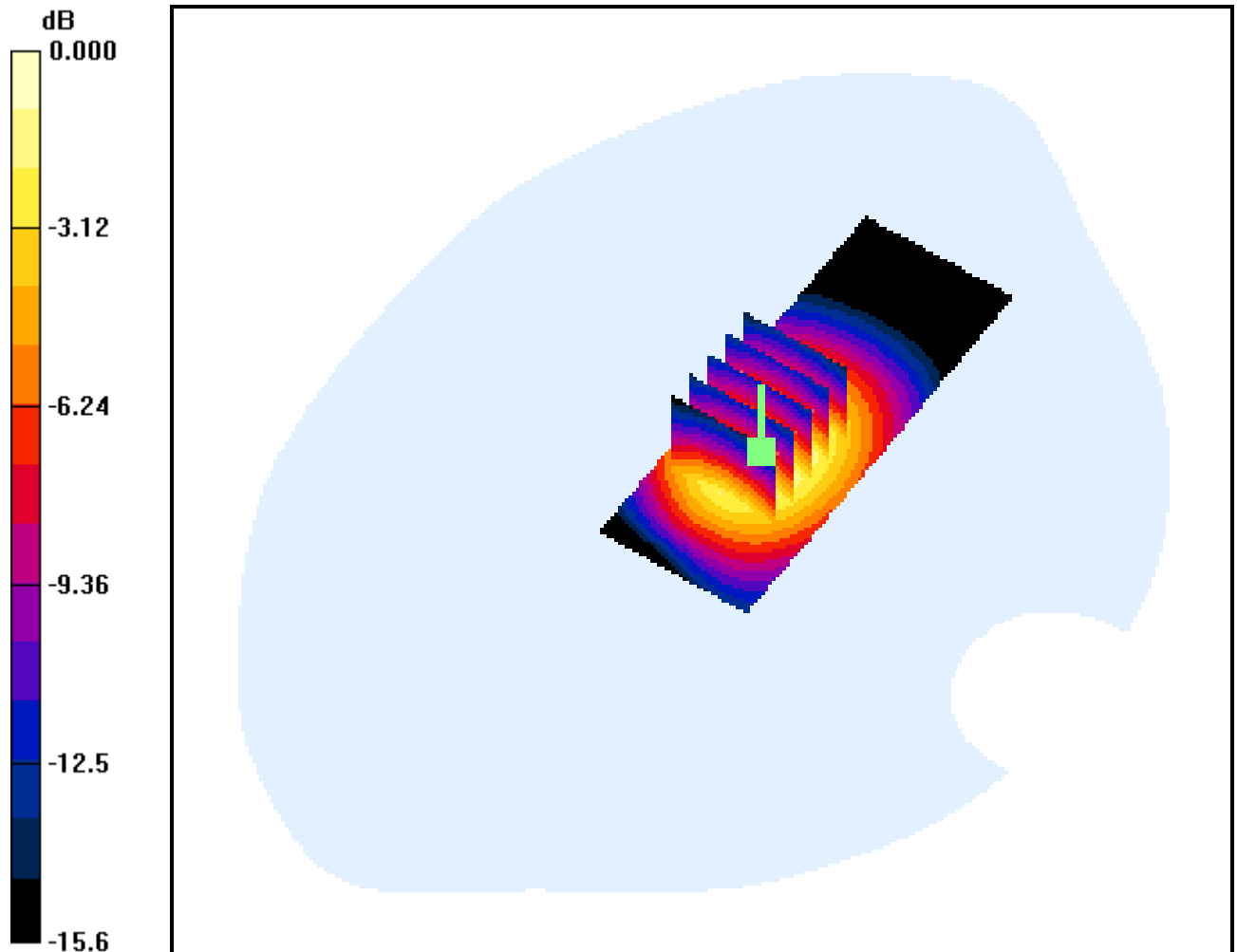
Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.429 mW/g



0 dB = 0.787mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ 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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

19.5mm from Body, CDMA_EV-DO Ch.25, Ant Horizontal

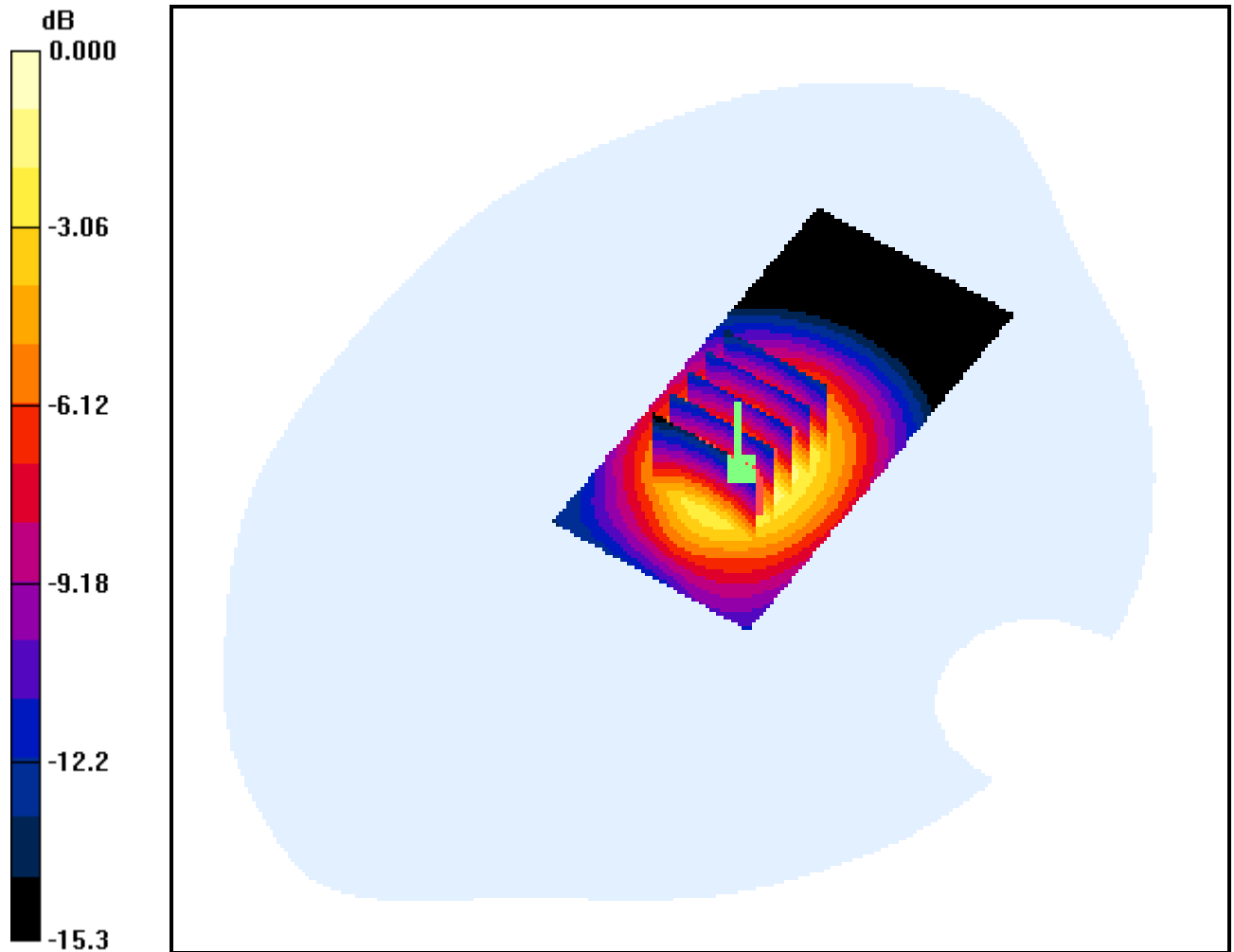
Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.081 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.494 mW/g



0 dB = 0.884mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

19.5mm from Body, CDMA_EV-DO Ch.600, Ant Horizontal

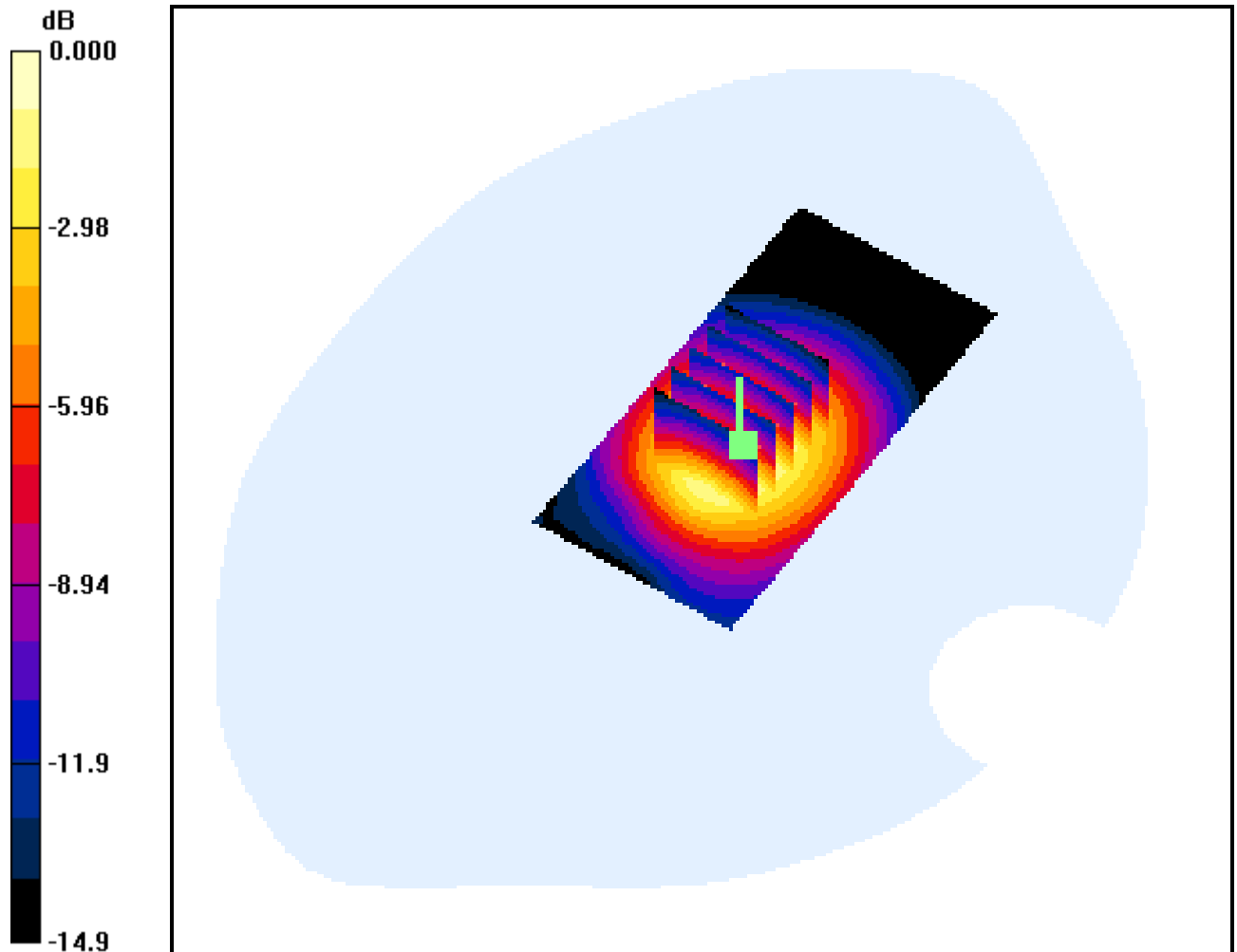
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.617 mW/g



0 dB = 1.11mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

19.5mm from Body, CDMA_EV-DO Ch.1175, Ant Horizontal

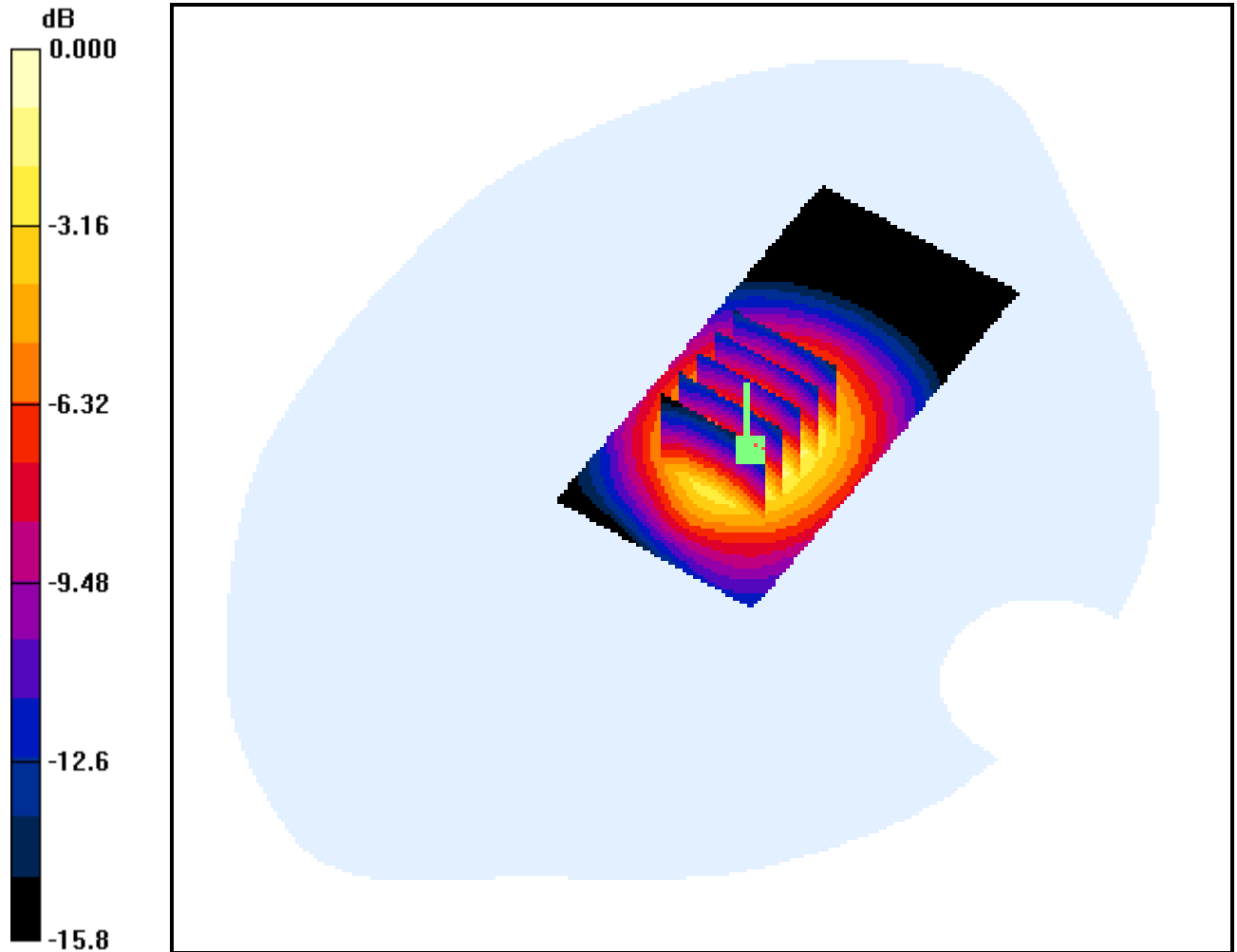
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.455 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

15mm from Body, CDMA_Cellular Ch.600, Ant Vertical

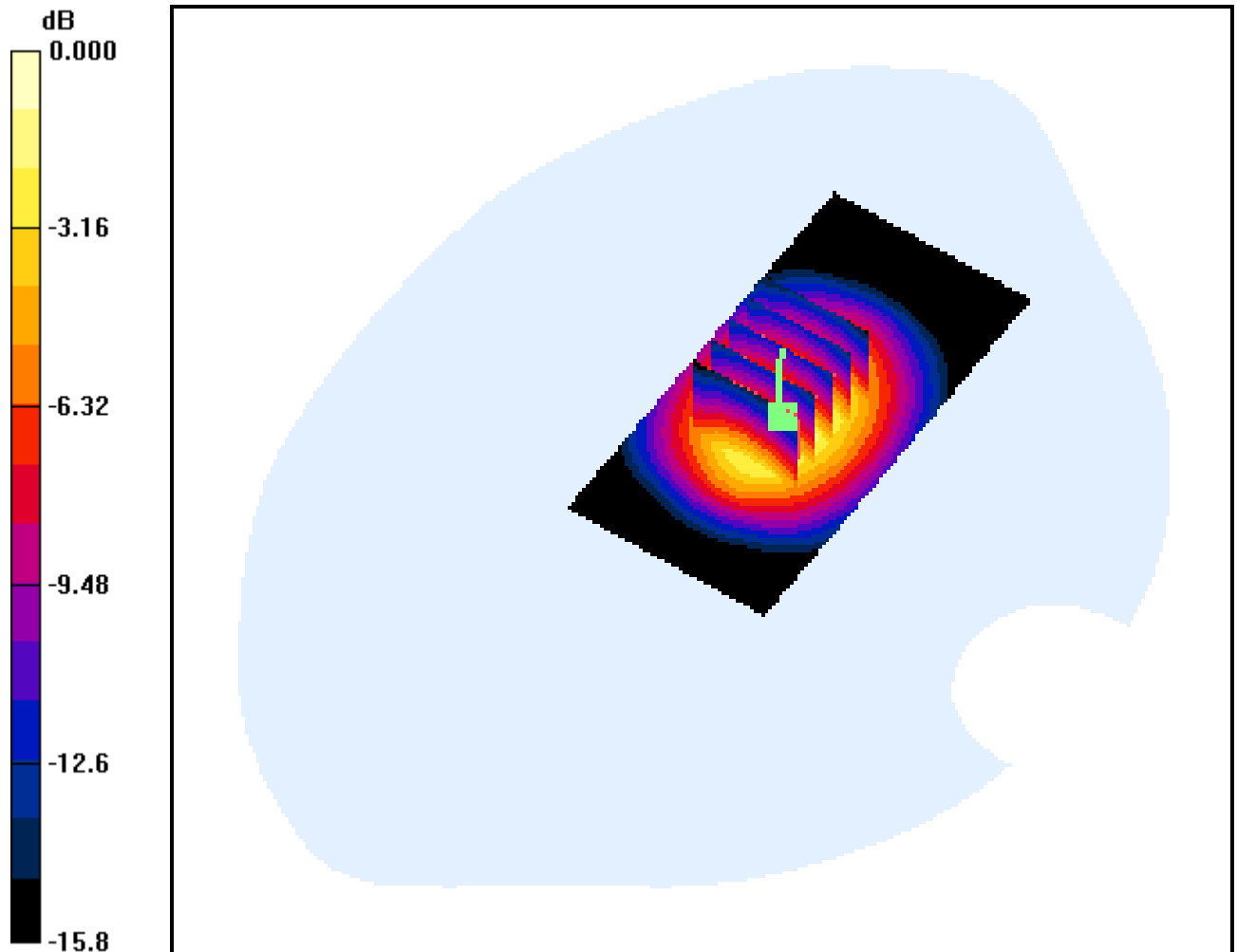
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 2.08 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.750 mW/g



0 dB = 1.43mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

15mm from Body, CDMA_EV-DO Ch.600, Ant Vertical

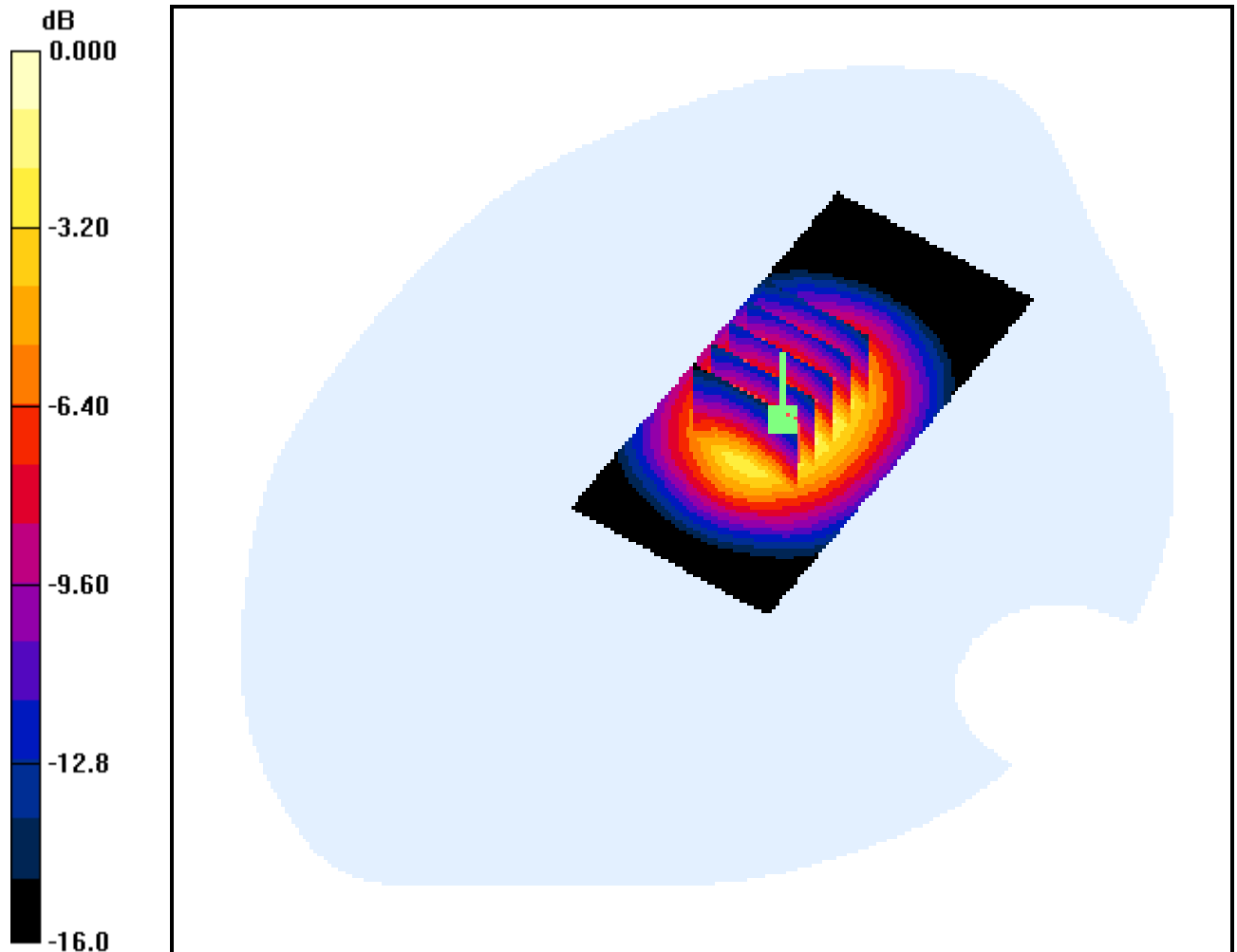
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.177 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.760 mW/g



0 dB = 1.43mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

Touch from Body, CDMA_Cellular Ch.600, Ant Up

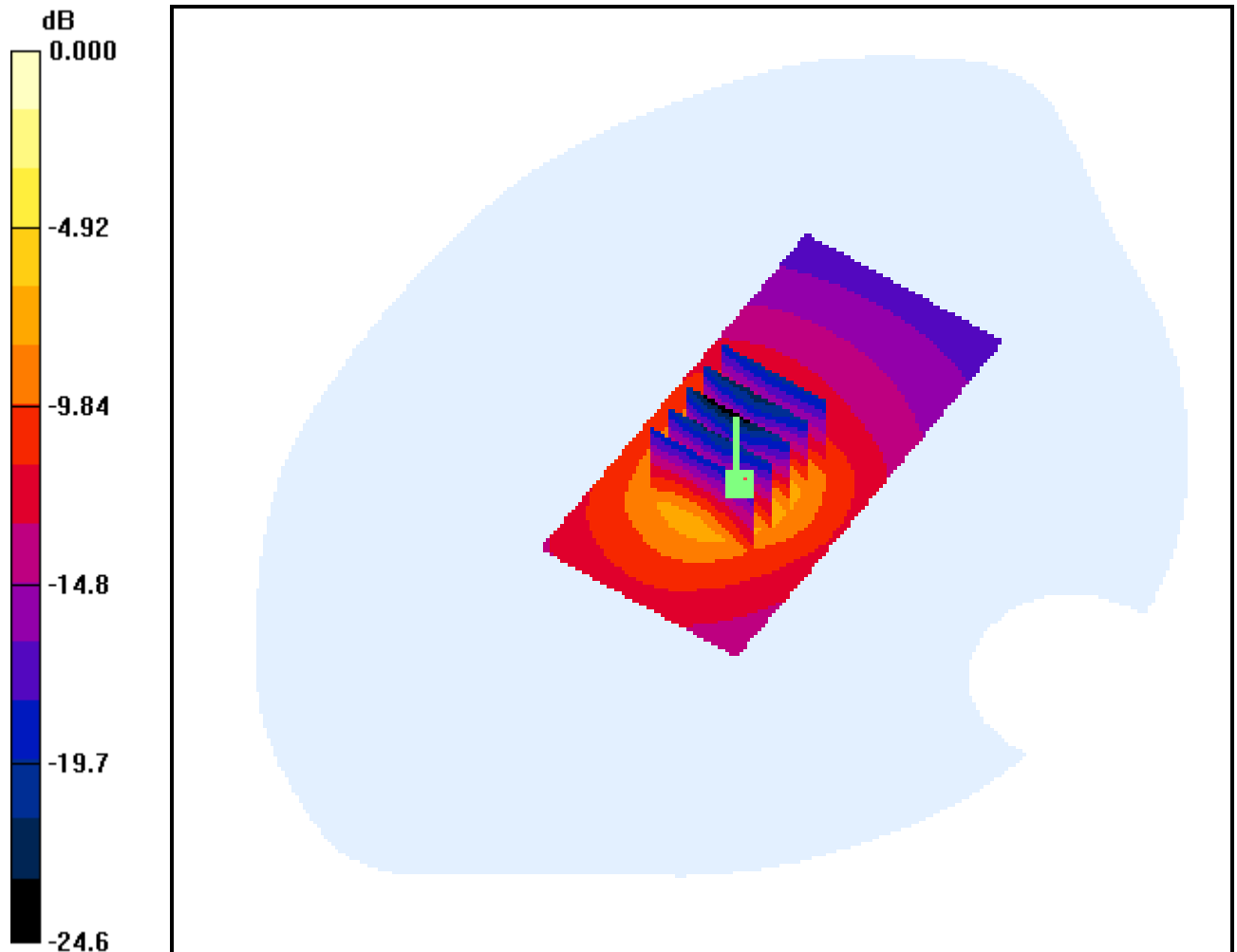
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.047 dB

Peak SAR (extrapolated) = 5.01 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.446 mW/g



0 dB = 2.48mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

Touch from Body, CDMA_EV-DO Ch.600, Ant Up

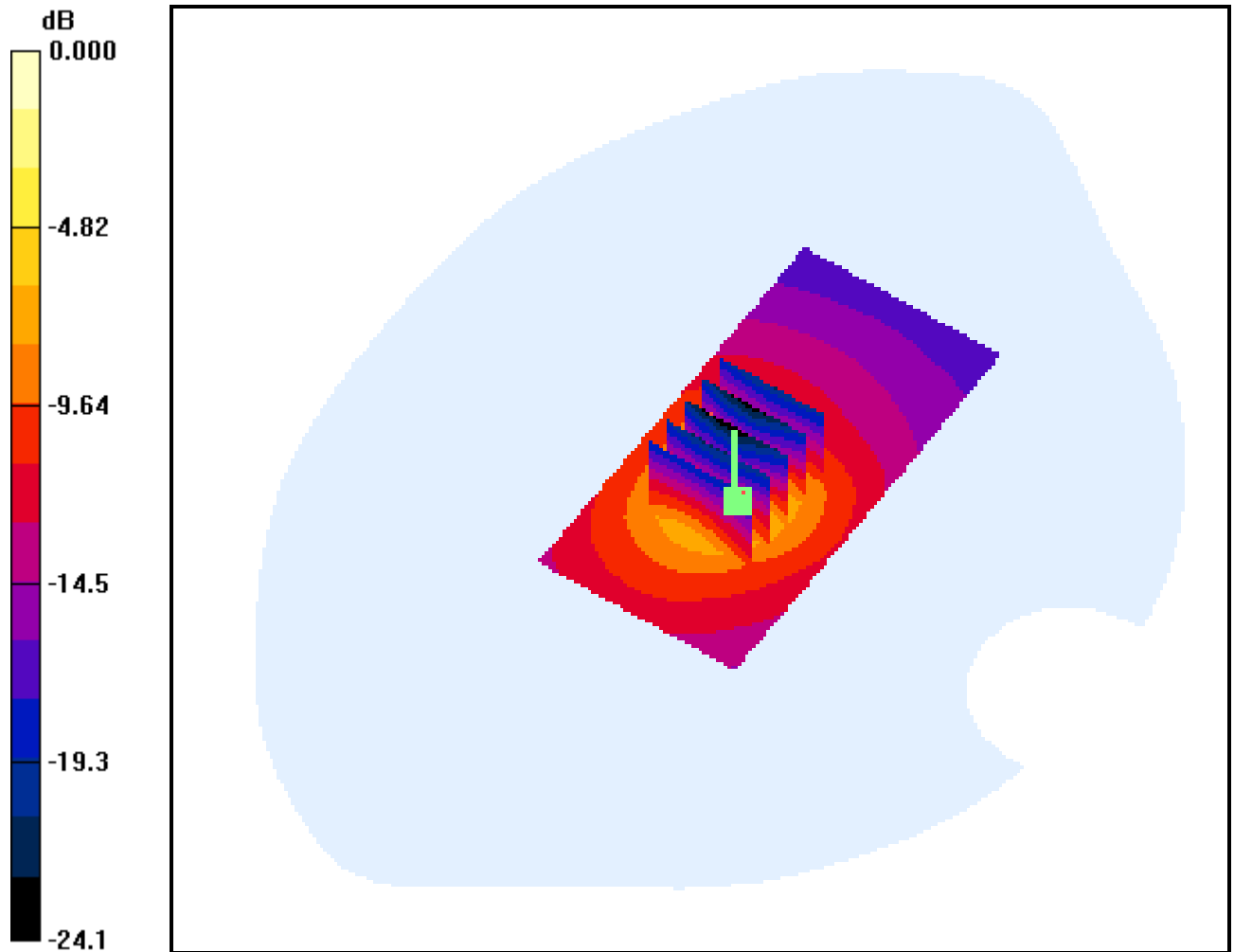
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 5.02 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.464 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

21mm from Body, CDMA_Cellular Ch.1013, Ant Horizontal

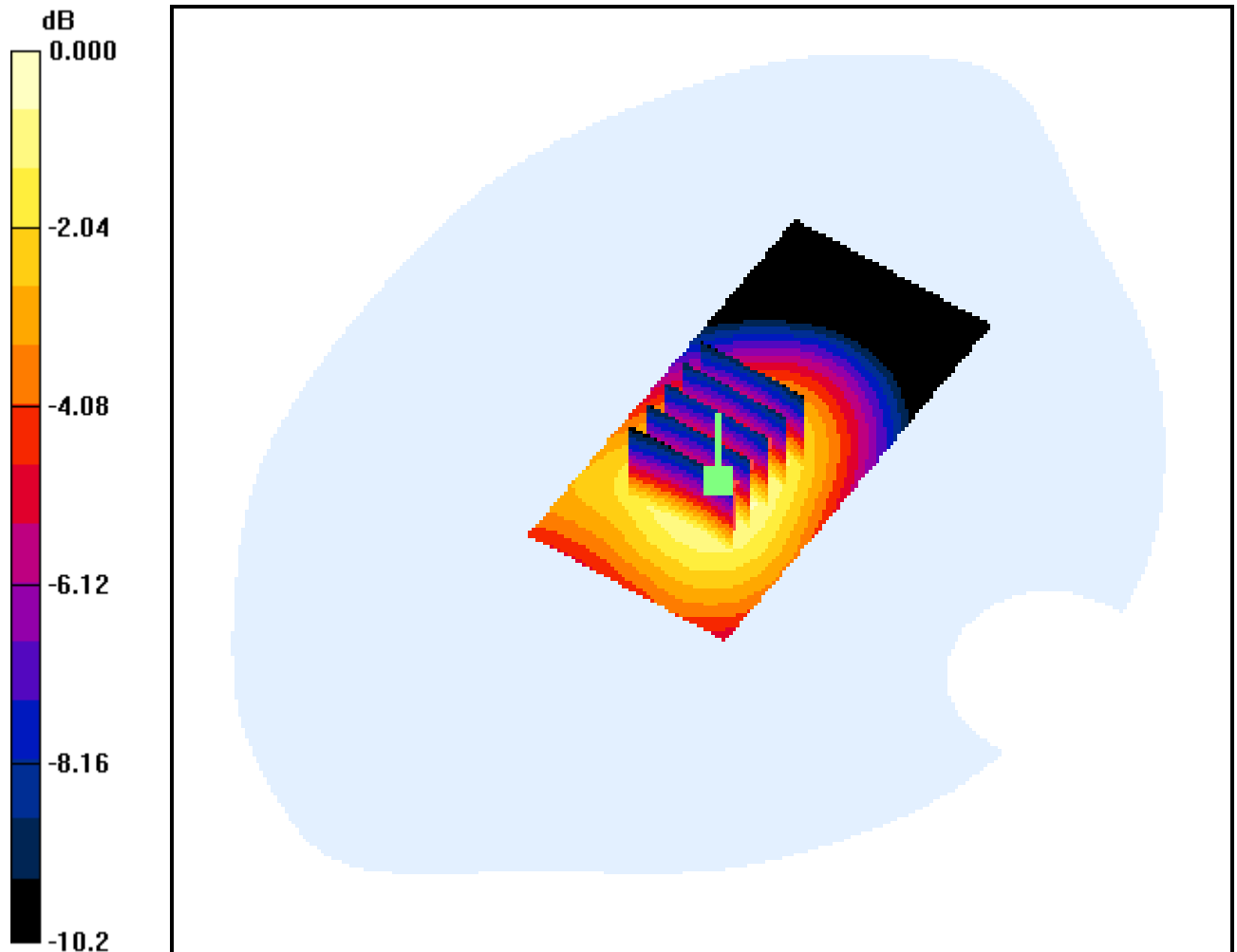
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.539 mW/g



0 dB = 0.839mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

21mm from Body, CDMA_Cellular Ch.384, Ant Horizontal

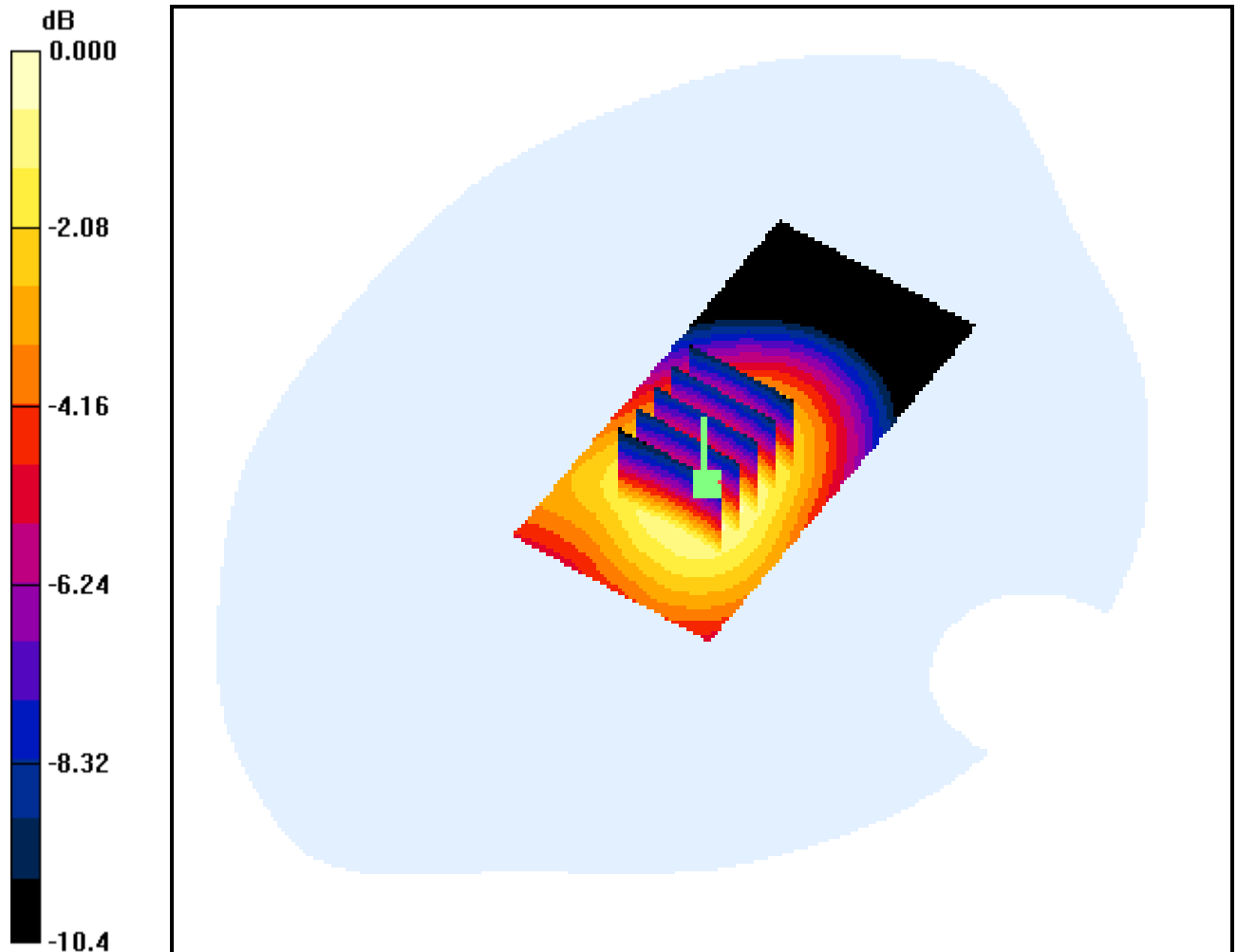
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.241 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.448 mW/g



0 dB = 0.705mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

21mm from Body, CDMA_Cellular Ch.777, Ant Horizontal

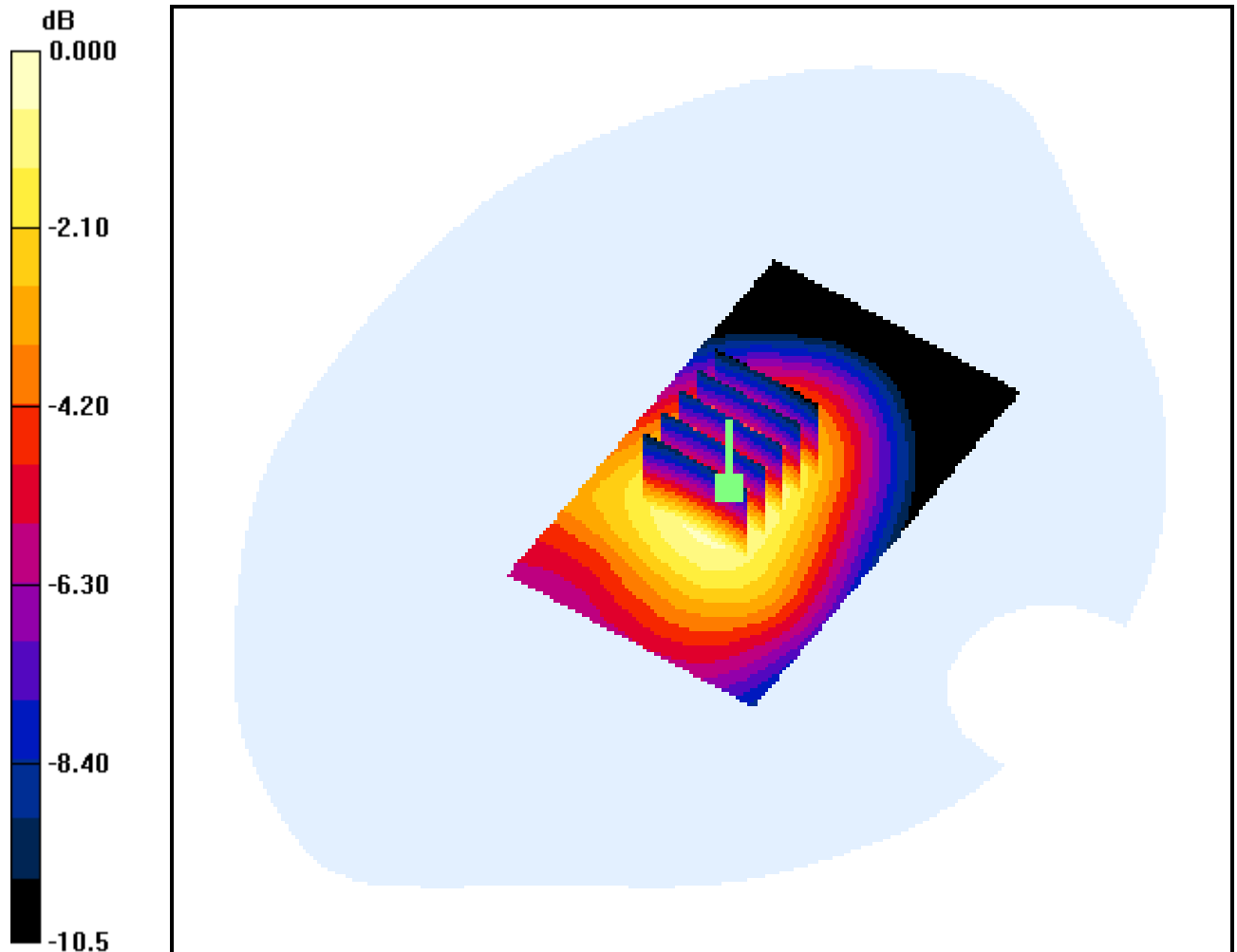
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.075 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.552 mW/g



0 dB = 0.868mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

21mm from Body, CDMA_EV-DO Ch.1013, Ant Horizontal

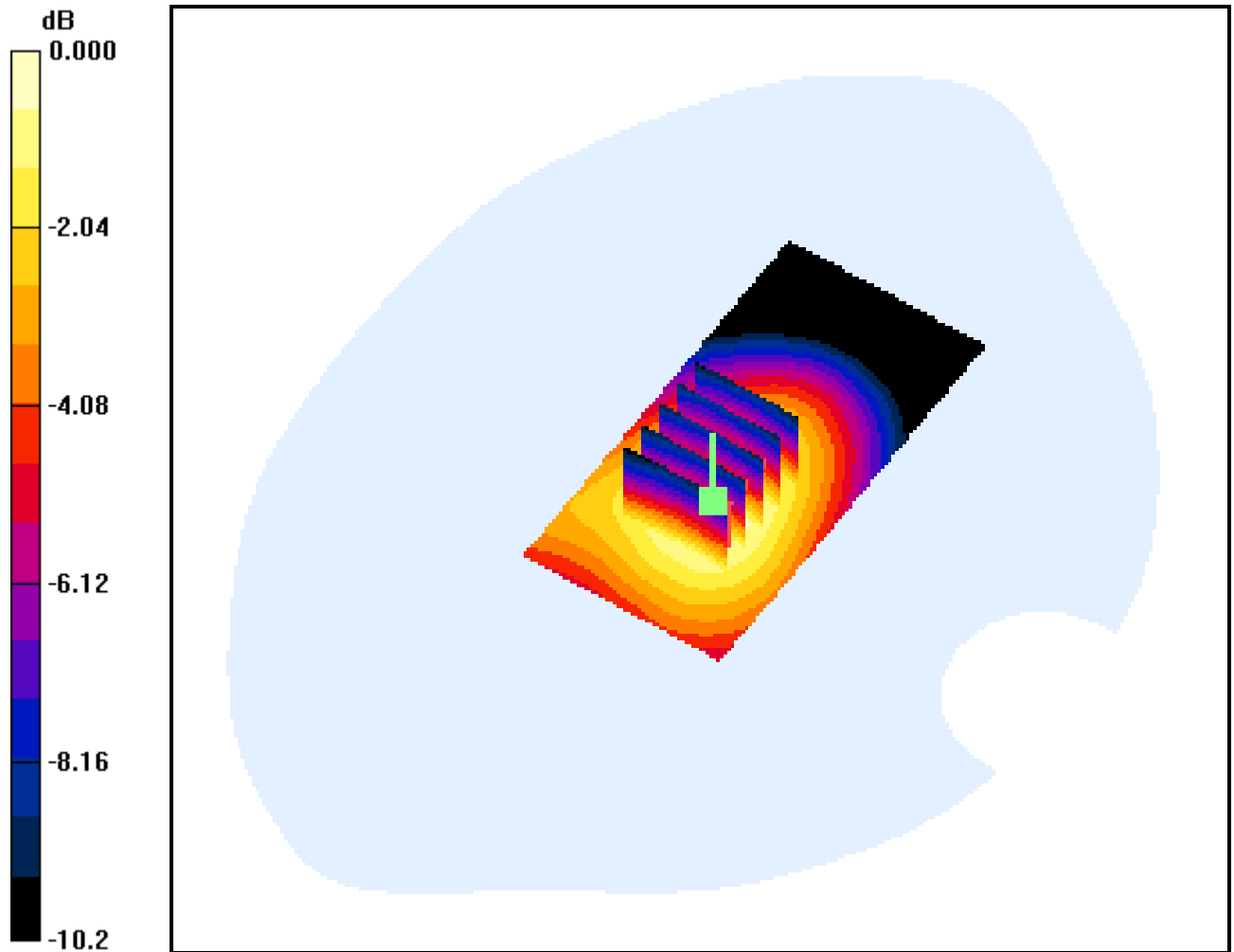
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.392 mW/g



0 dB = 0.614mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

21mm from Body, CDMA_EV-DO Ch.384, Ant Horizontal

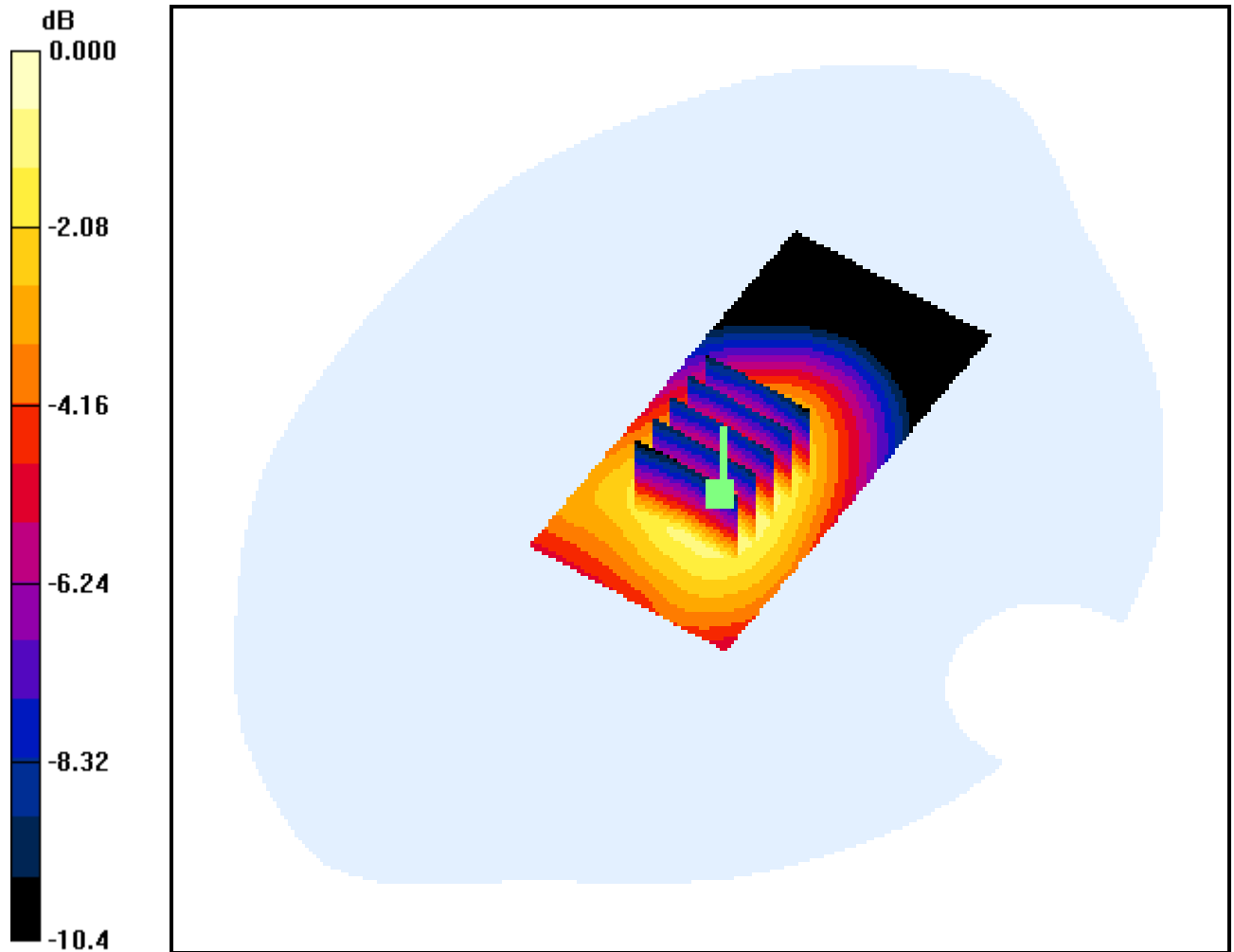
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.366 mW/g



0 dB = 0.592mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

21mm from Body, CDMA_EV-DO Ch.777, Ant Horizontal

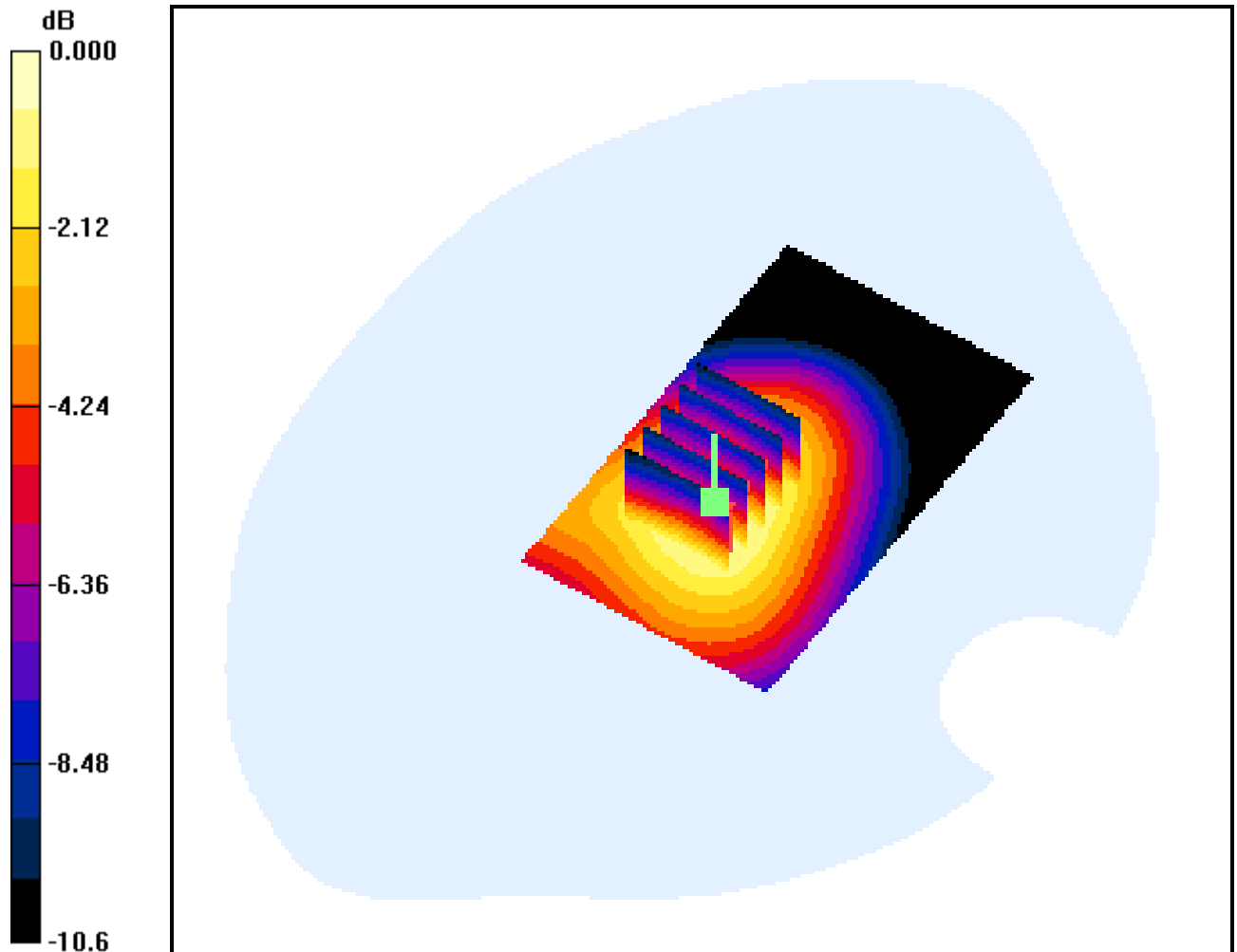
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.430 mW/g



0 dB = 0.685mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

15mm from Body, CDMA_Cellular Ch.777, Ant Vertical

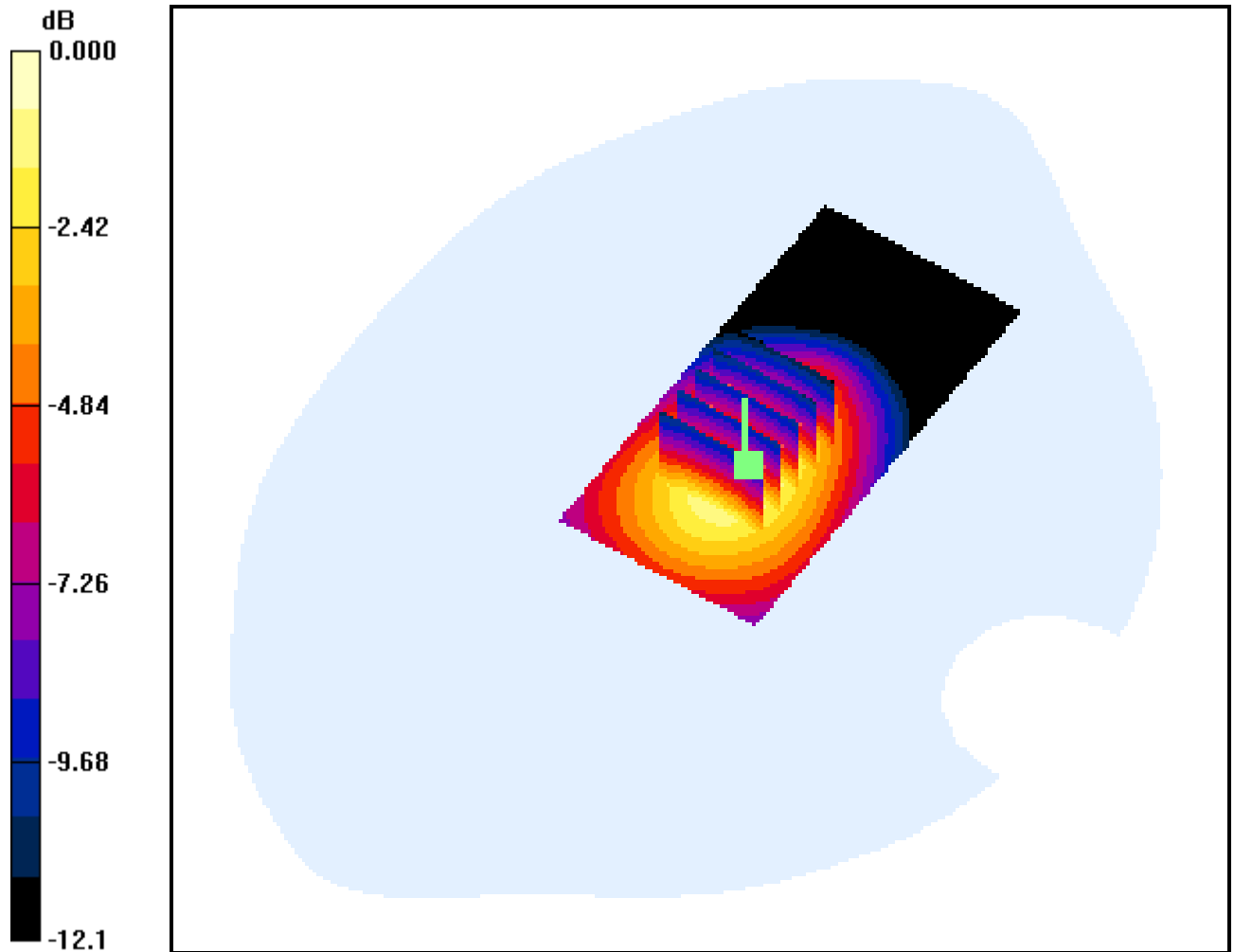
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.836 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.341 mW/g



0 dB = 0.585mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

15mm from Body, CDMA_EV-DO Ch.777, Ant Vertical

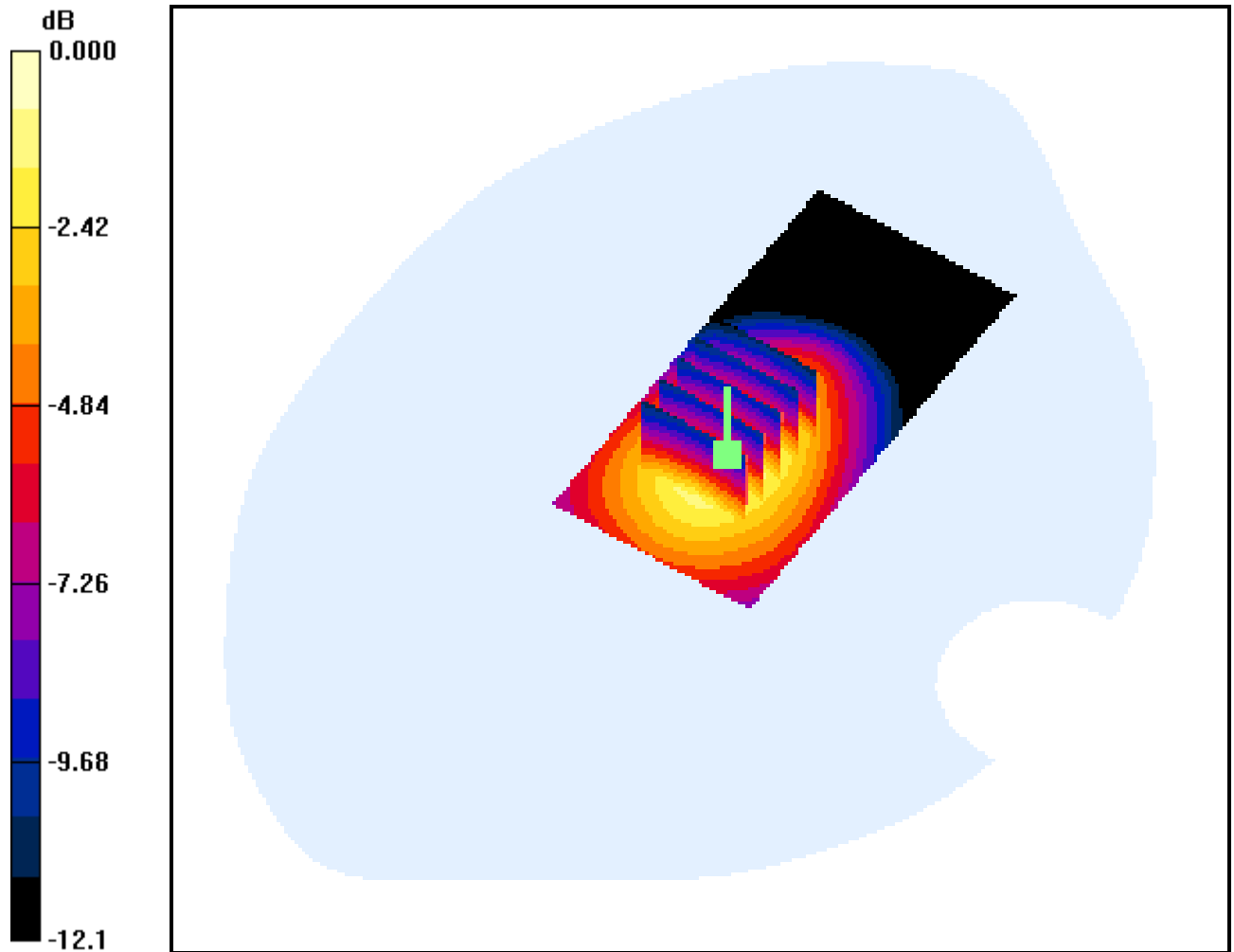
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.201 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.295 mW/g



0 dB = 0.513mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, CDMA_Cellular Ch.777, Ant Up

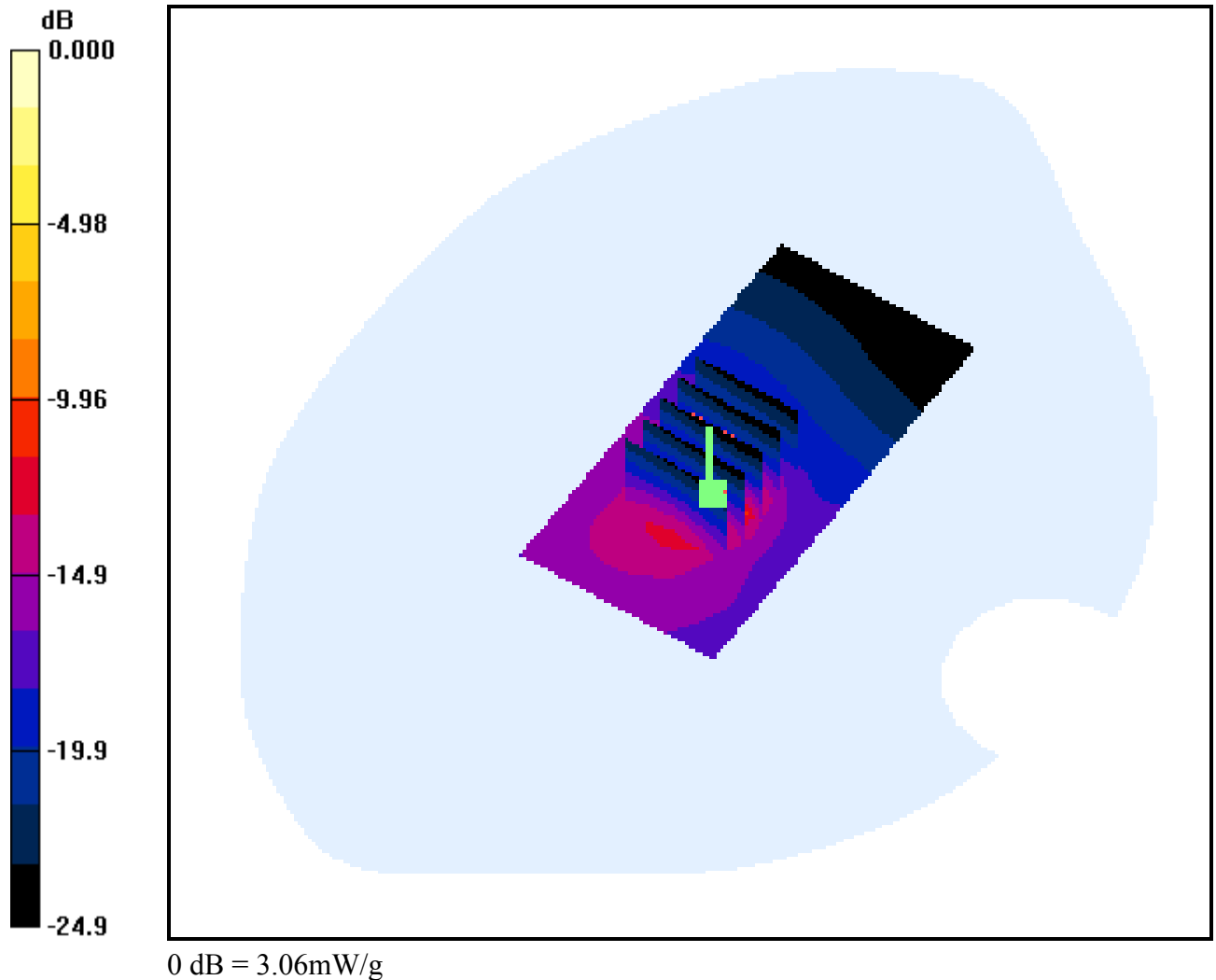
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 9.36 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.297 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, CDMA_EV-DO Ch.777, Ant Up

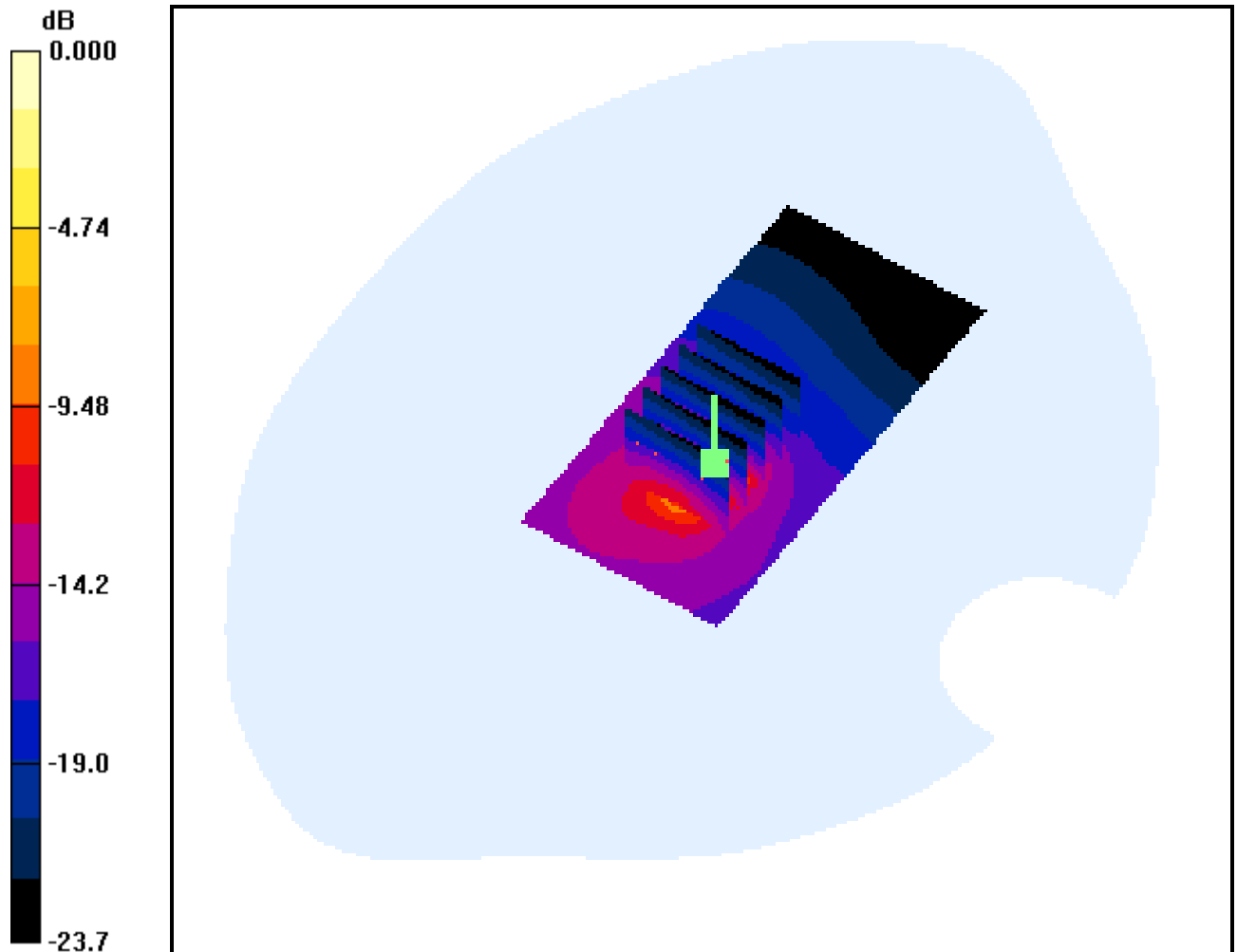
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.181 dB

Peak SAR (extrapolated) = 7.84 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.251 mW/g



0 dB = 1.79mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ 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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

21mm from Body, CDMA_PCS Ch.25, Ant Horizontal

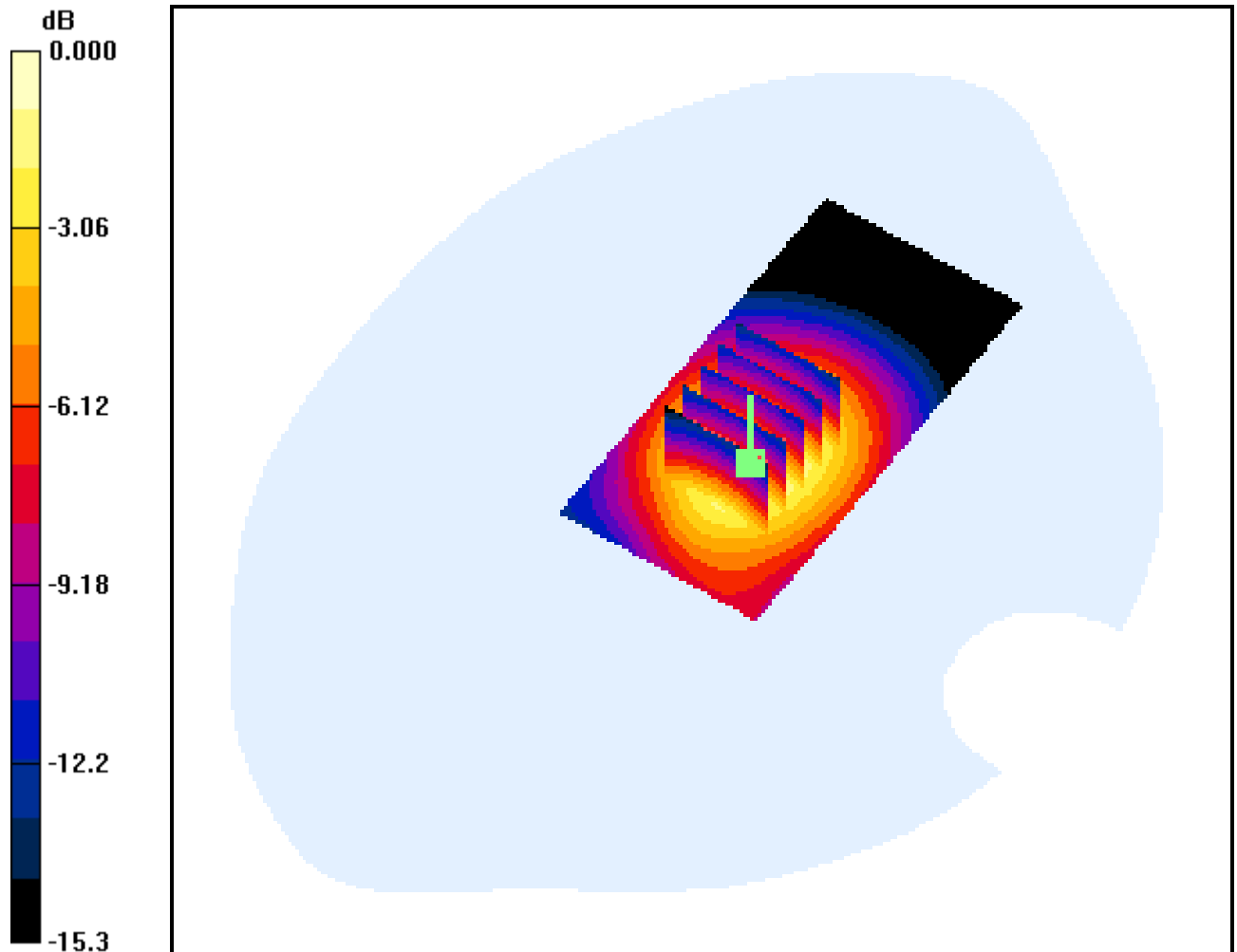
Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.379 mW/g



0 dB = 0.667mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

21mm from Body, CDMA_PCS Ch.600, Ant Horizontal

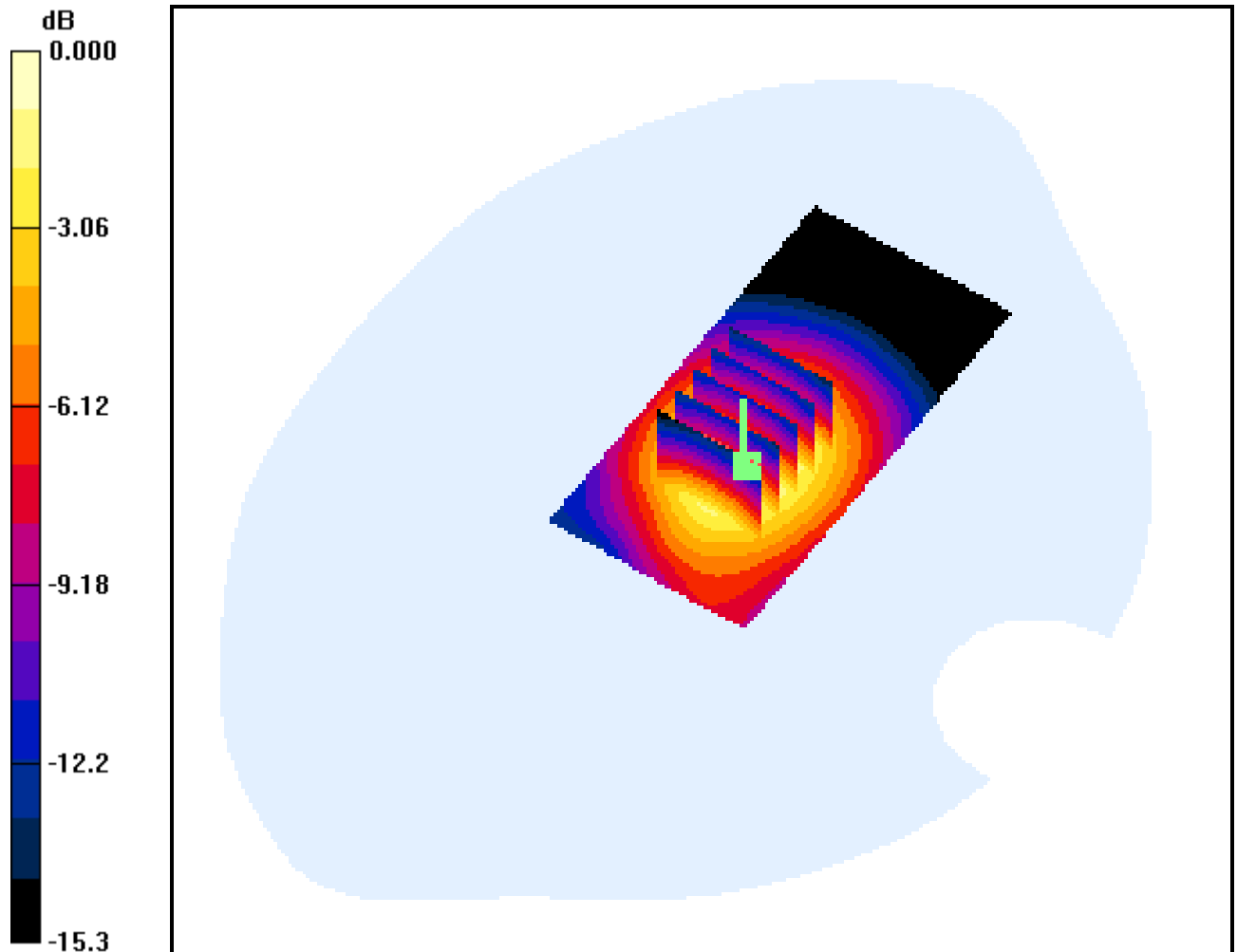
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.466 mW/g



0 dB = 0.837mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

21mm from Body, CDMA_PCS Ch.1175, Ant Horizontal

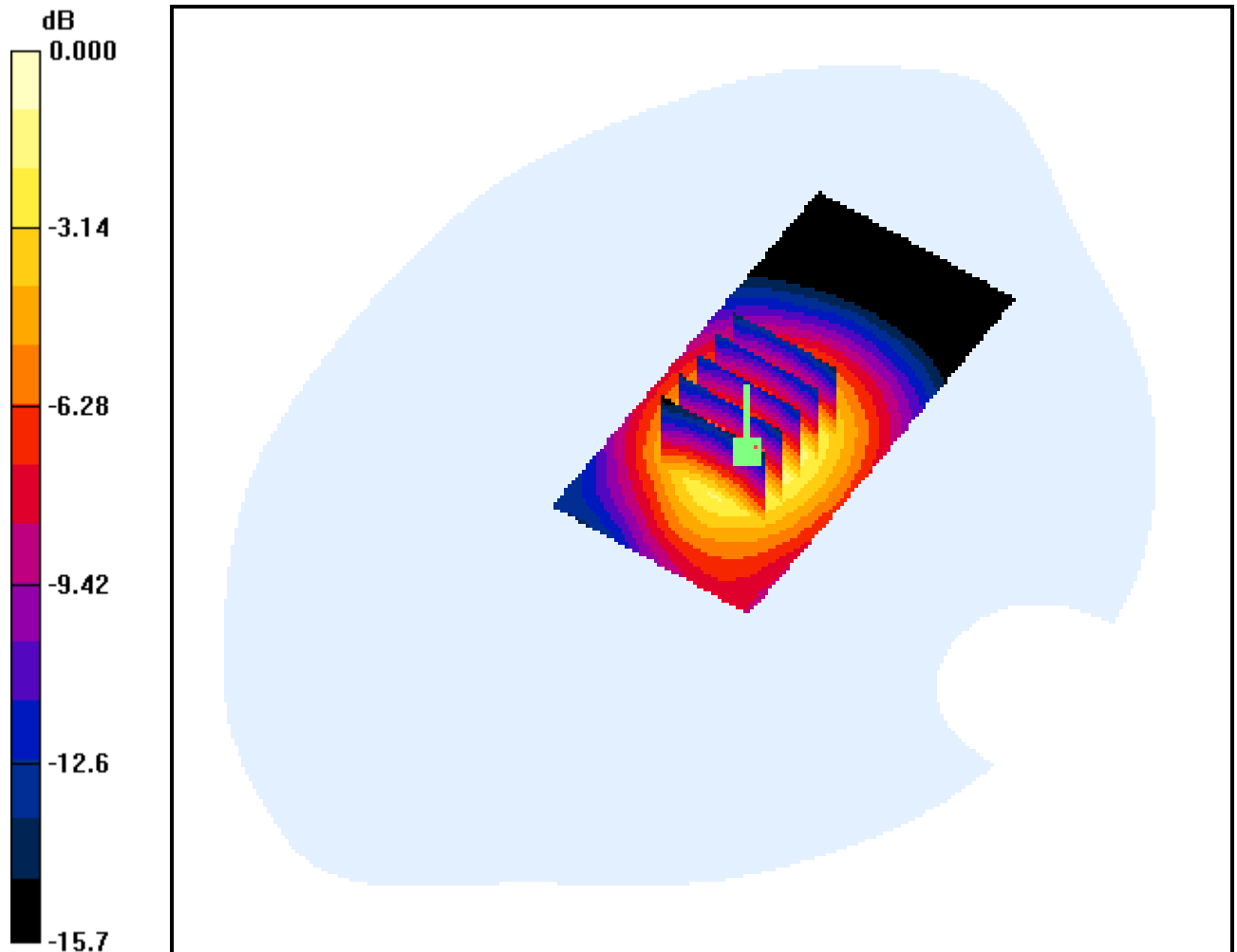
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.918 W/kg

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.350 mW/g



0 dB = 0.636mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC_PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ 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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

21mm from Body, CDMA_EV-DO Ch.25, Ant Horizontal

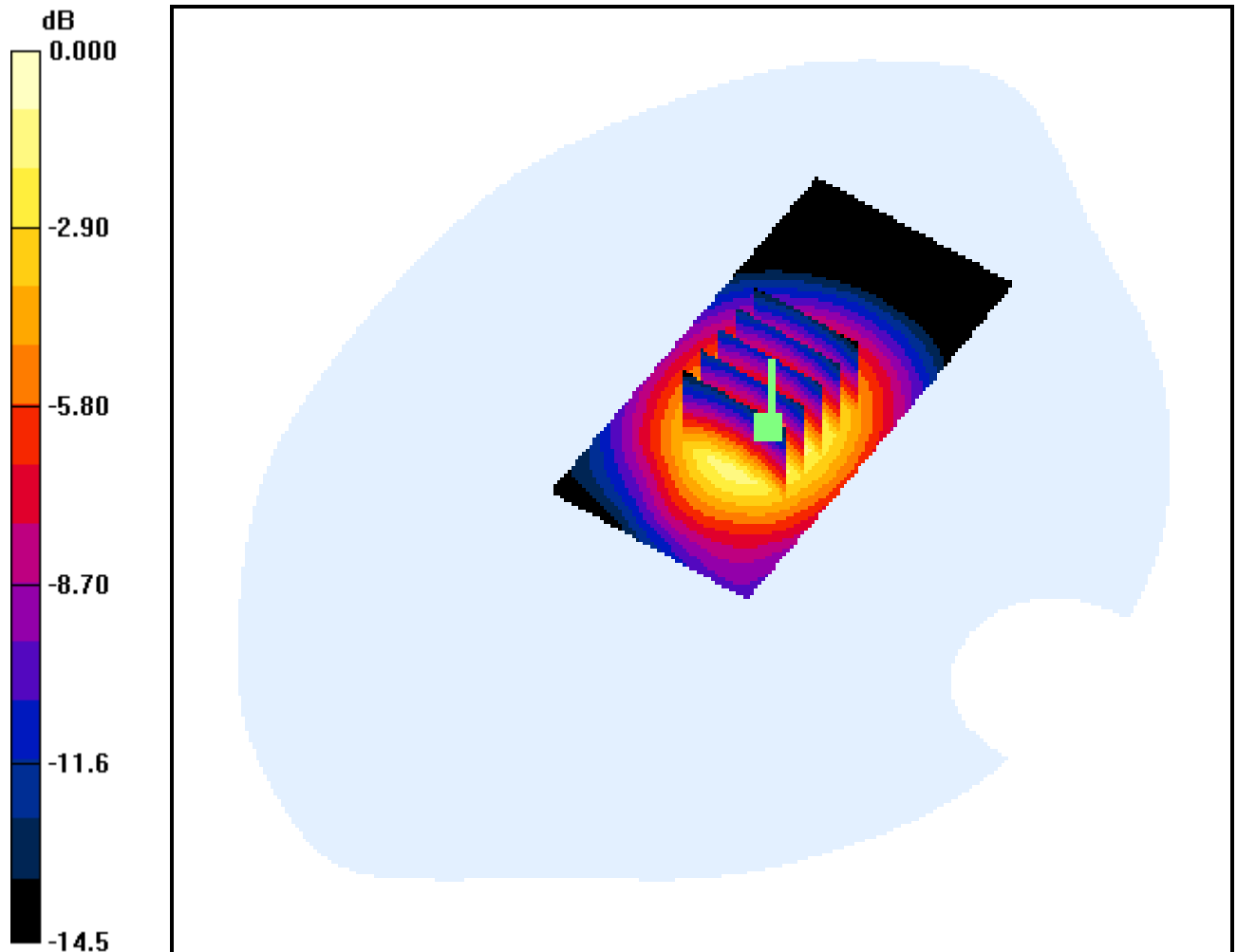
Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.085 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.435 mW/g



0 dB = 0.772mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

21mm from Body, CDMA_EV-DO Ch.600, Ant Horizontal

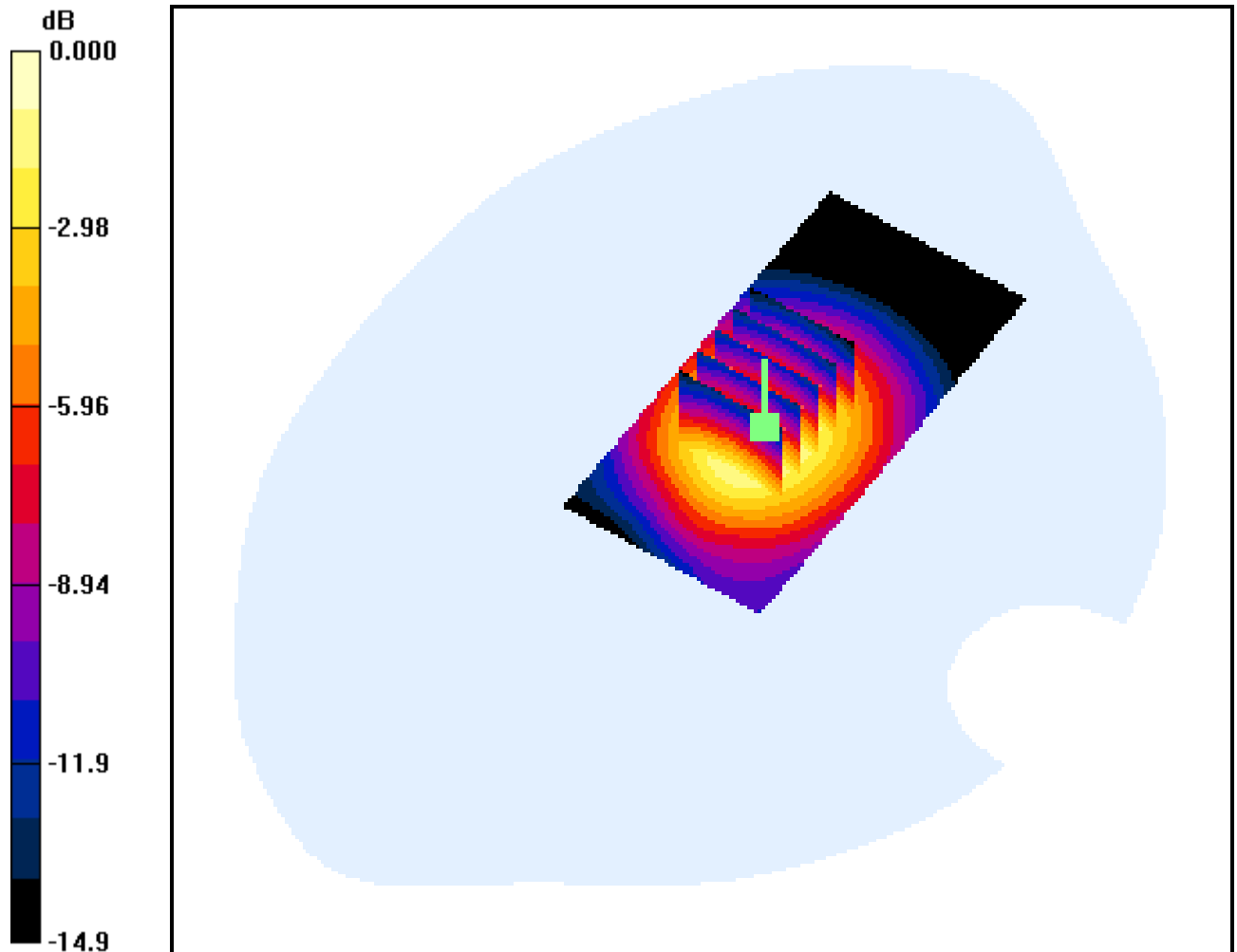
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.033 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.557 mW/g



0 dB = 0.995mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

Communication System: FCC_PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

21mm from Body, CDMA_EV-DO Ch.1175, Ant Horizontal

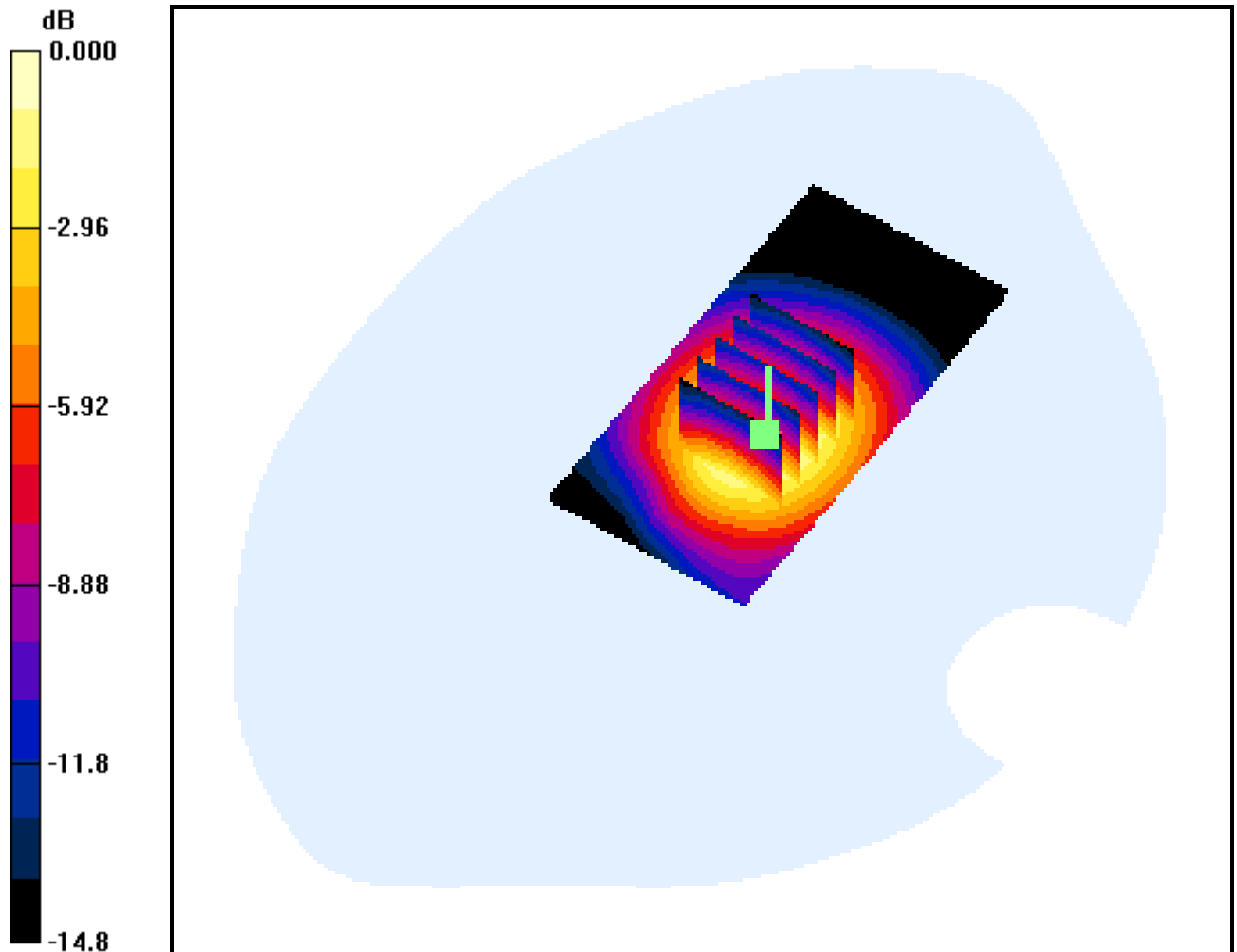
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.393 mW/g



0 dB = 0.709mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

15mm from Body, CDMA_Cellular Ch.600, Ant Vertical

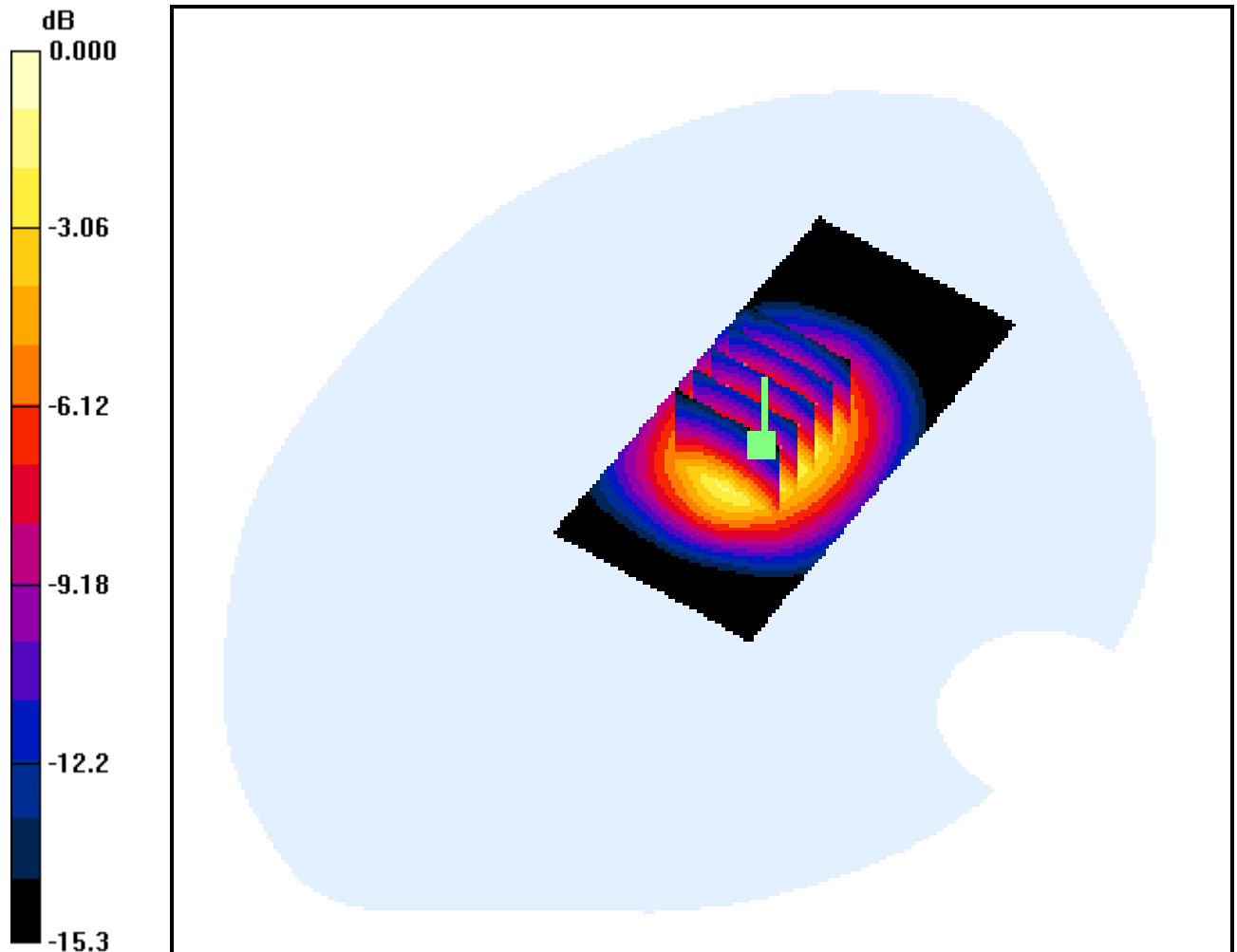
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.670 mW/g



0 dB = 1.26mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

15mm from Body, CDMA_EV-DO Ch.600, Ant Vertical

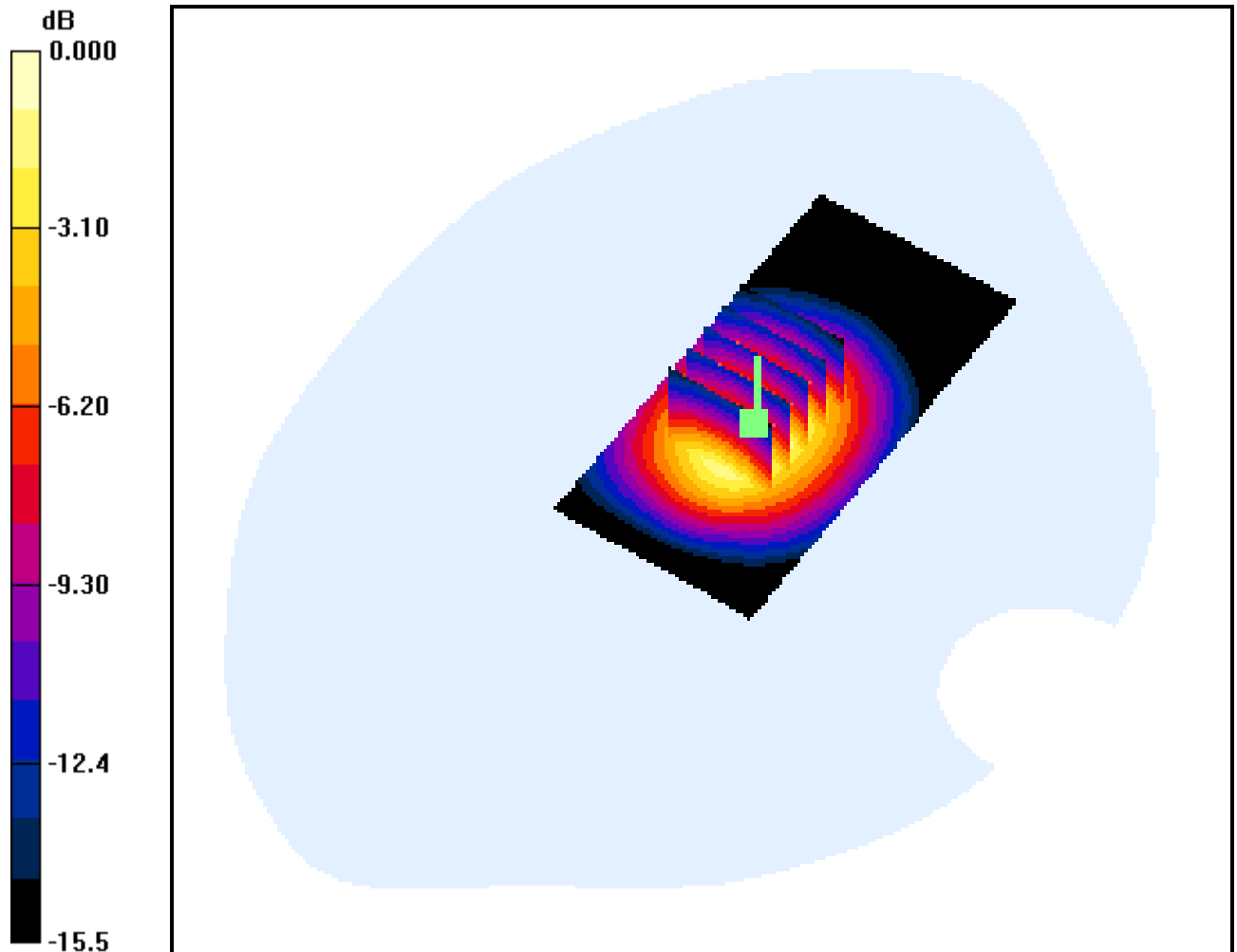
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.699 mW/g



0 dB = 1.30mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

Touch from Body, CDMA_Cellular Ch.600, Ant Up

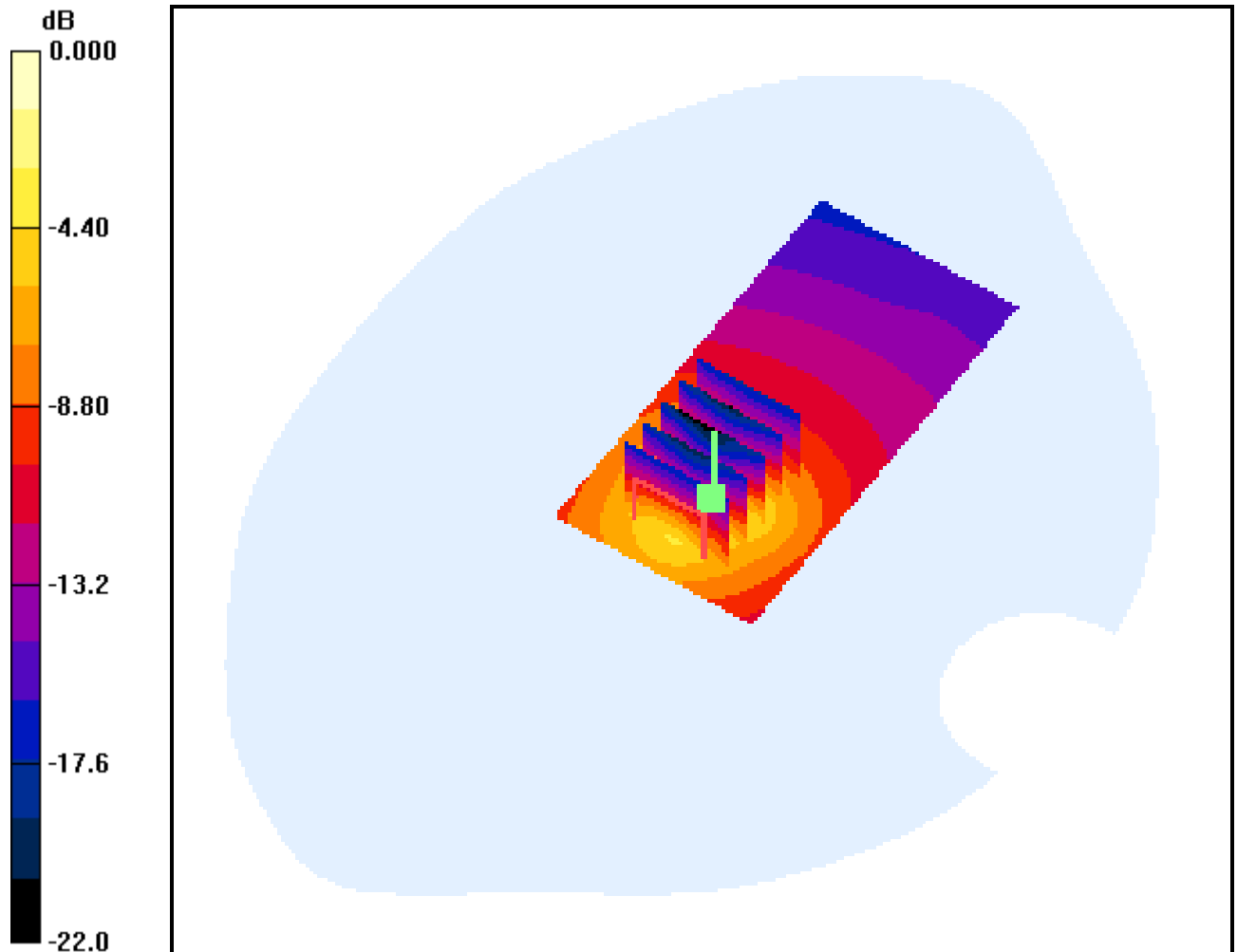
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.114 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.335 mW/g



0 dB = 1.21mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Toshiba A200

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-10-11; Ambient Temp: 21.4; Tissue Temp: 21.3

Touch from Body, CDMA_EV-DO Ch.600, Ant Up

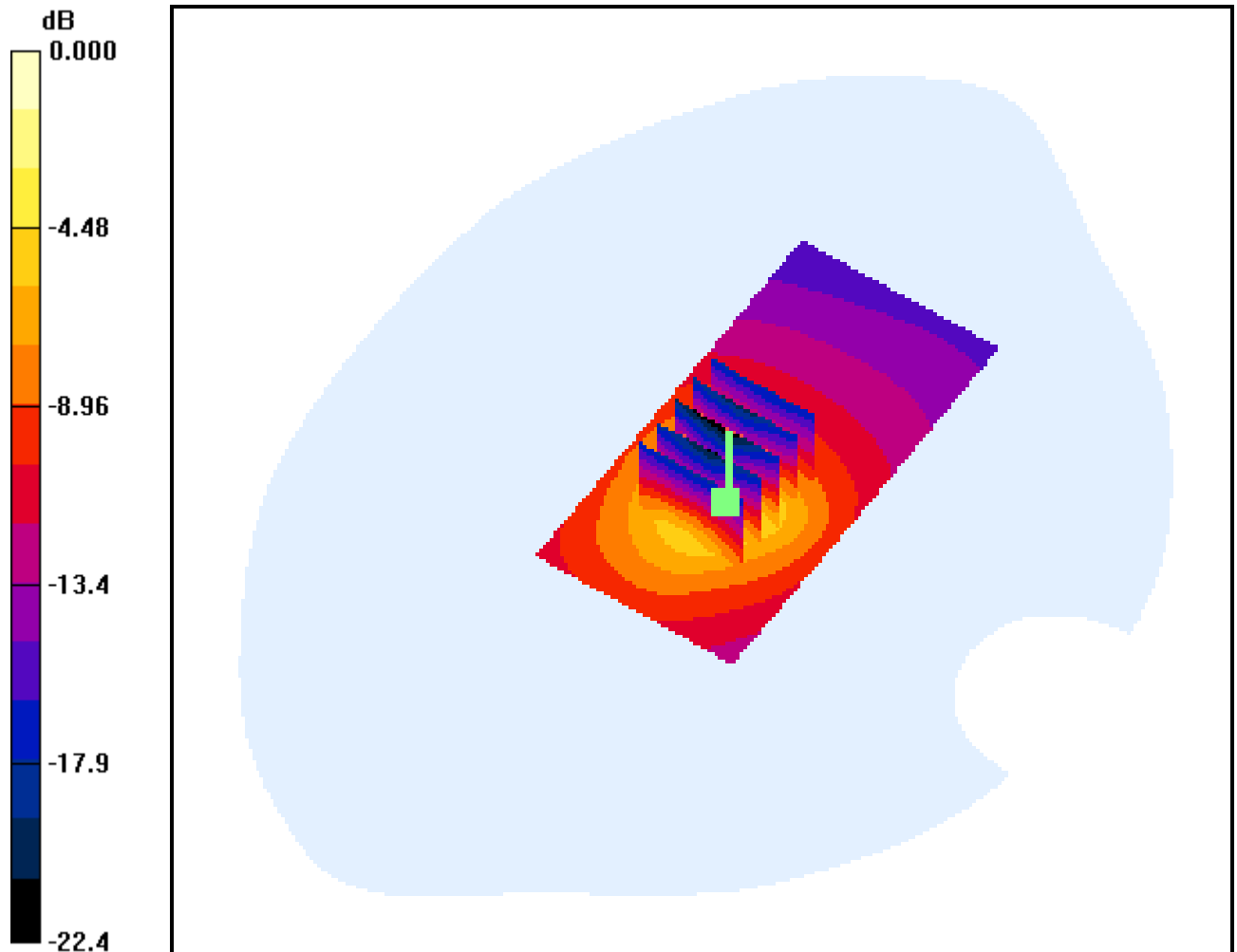
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.153 dB

Peak SAR (extrapolated) = 3.00 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.411 mW/g



0 dB = 1.59mW/g

DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card; Laptop: Mega Book S430X

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.962 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$
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: 2007-10-10; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, CDMA_Cellular Ch.1013, Ant Up

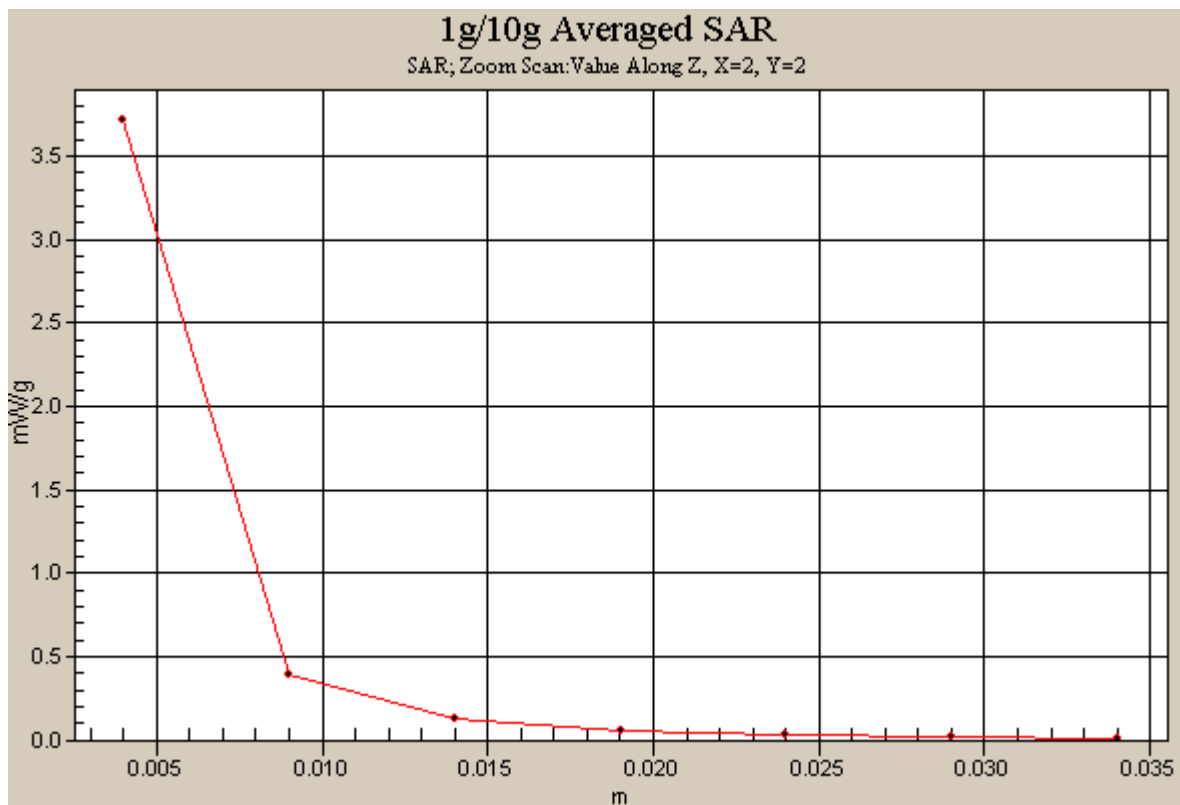
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 10.1 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.297 mW/g



DIGITAL EMC CO., LTD

DUT: SEC-3189; Type: Express Card

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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: 2007-09-03; Ambient Temp: 21.5; Tissue Temp: 21.3

15mm from Body, CDMA_PCS Ch.600, Ant Vertical

Area Scan (41x81x1): 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 = 0.053 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.790 mW/g

