

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: $f = 835 \text{ MHz}$; $\sigma = 0.991 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Dipole Validation

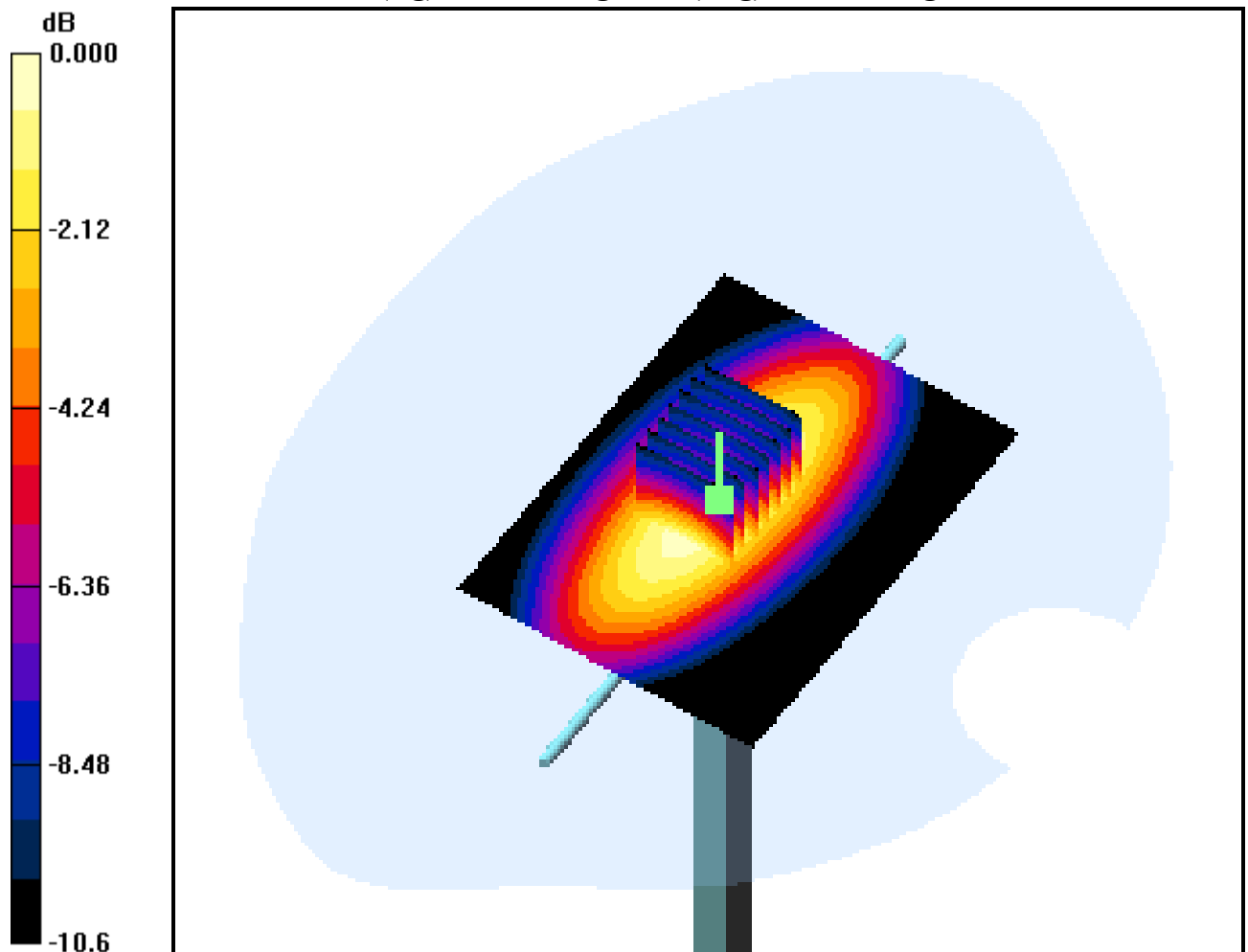
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.139 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.55 mW/g



0 dB = 2.90mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Dipole Validation

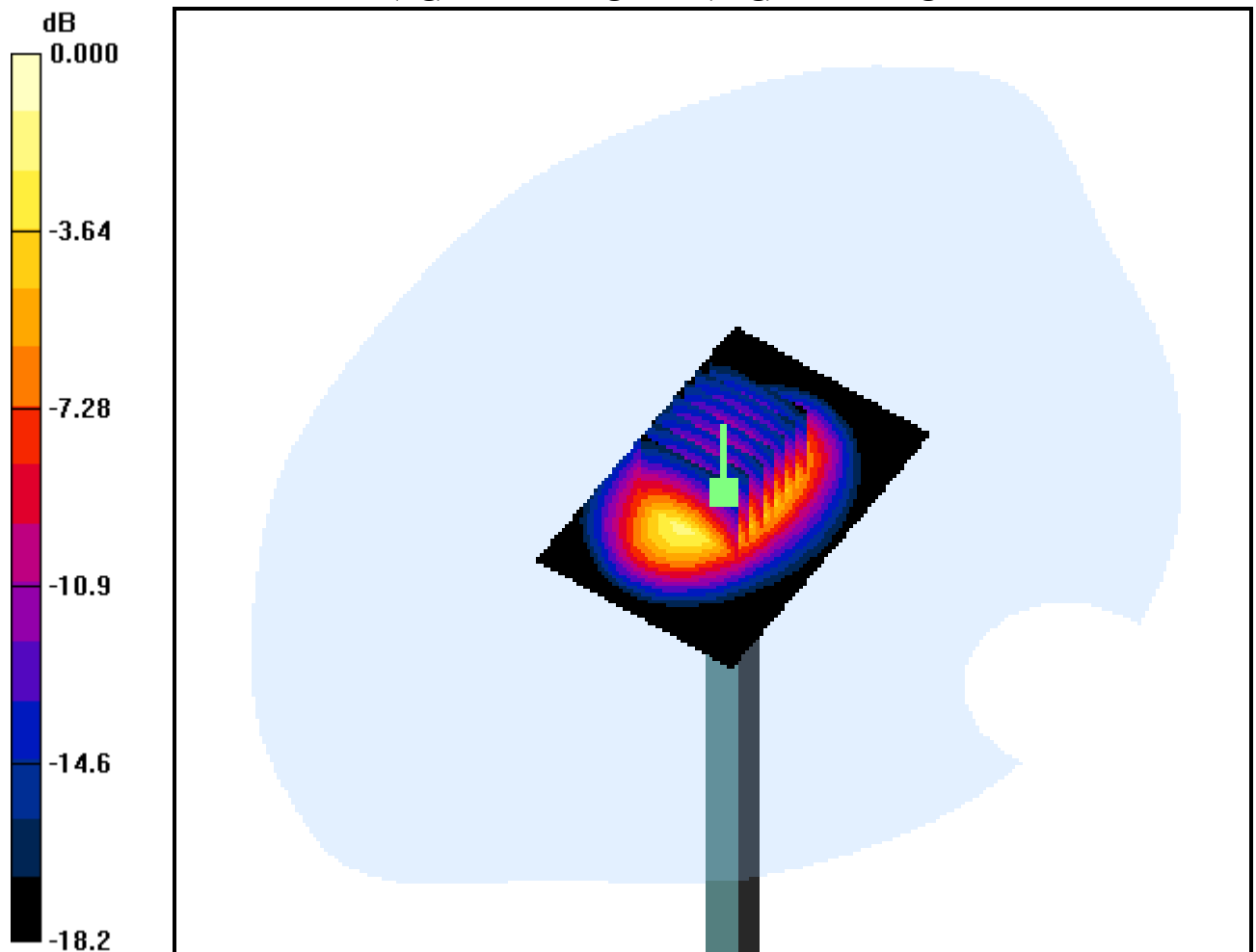
Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.055 dB

Peak SAR (extrapolated) = 20.6 W/kg

SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.4 mW/g



0 dB = 14.8mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Dipole Validation

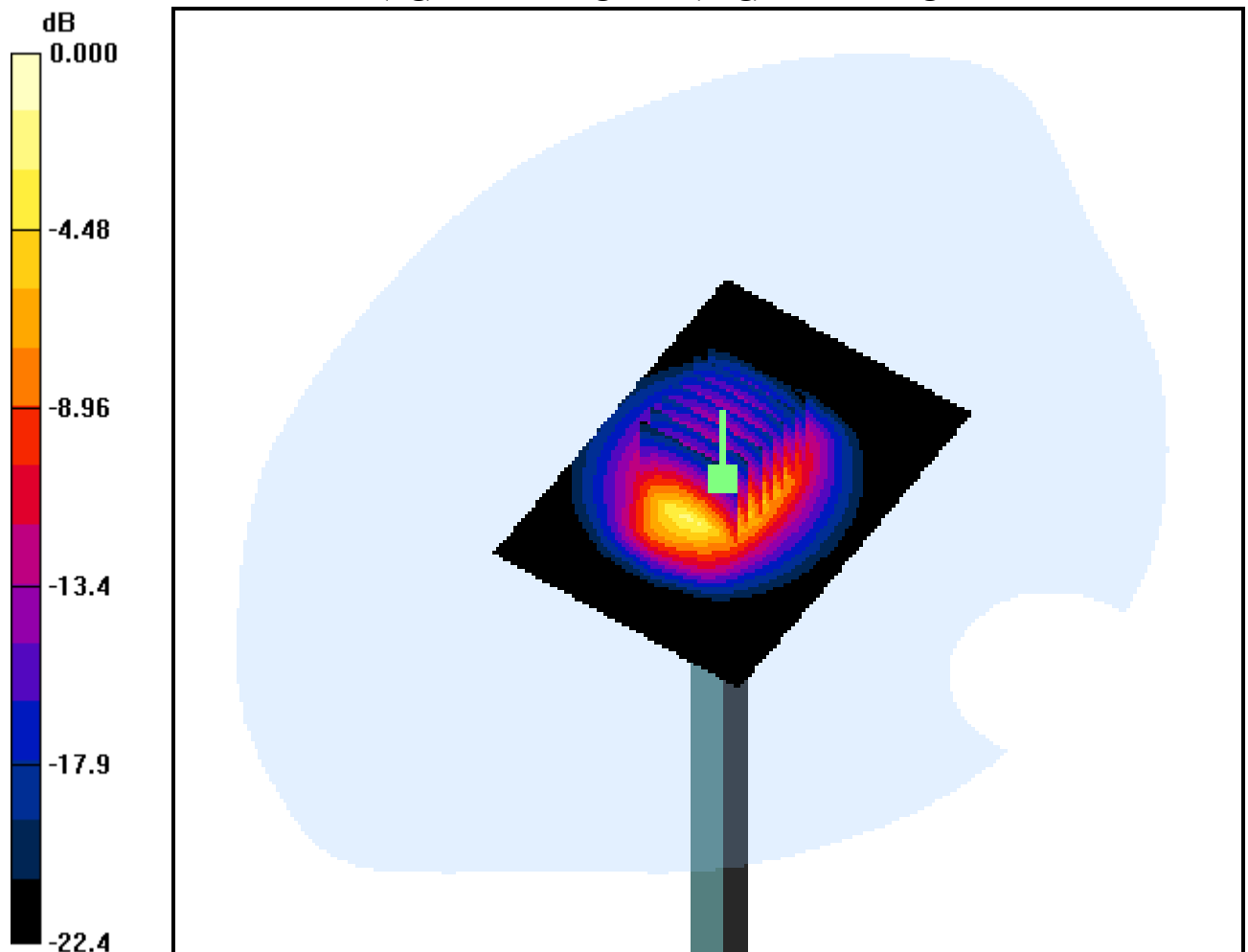
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.053 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.43 mW/g



0 dB = 20.5mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body Top, GSM850 Ch. 190, Ant Internal, GPRS

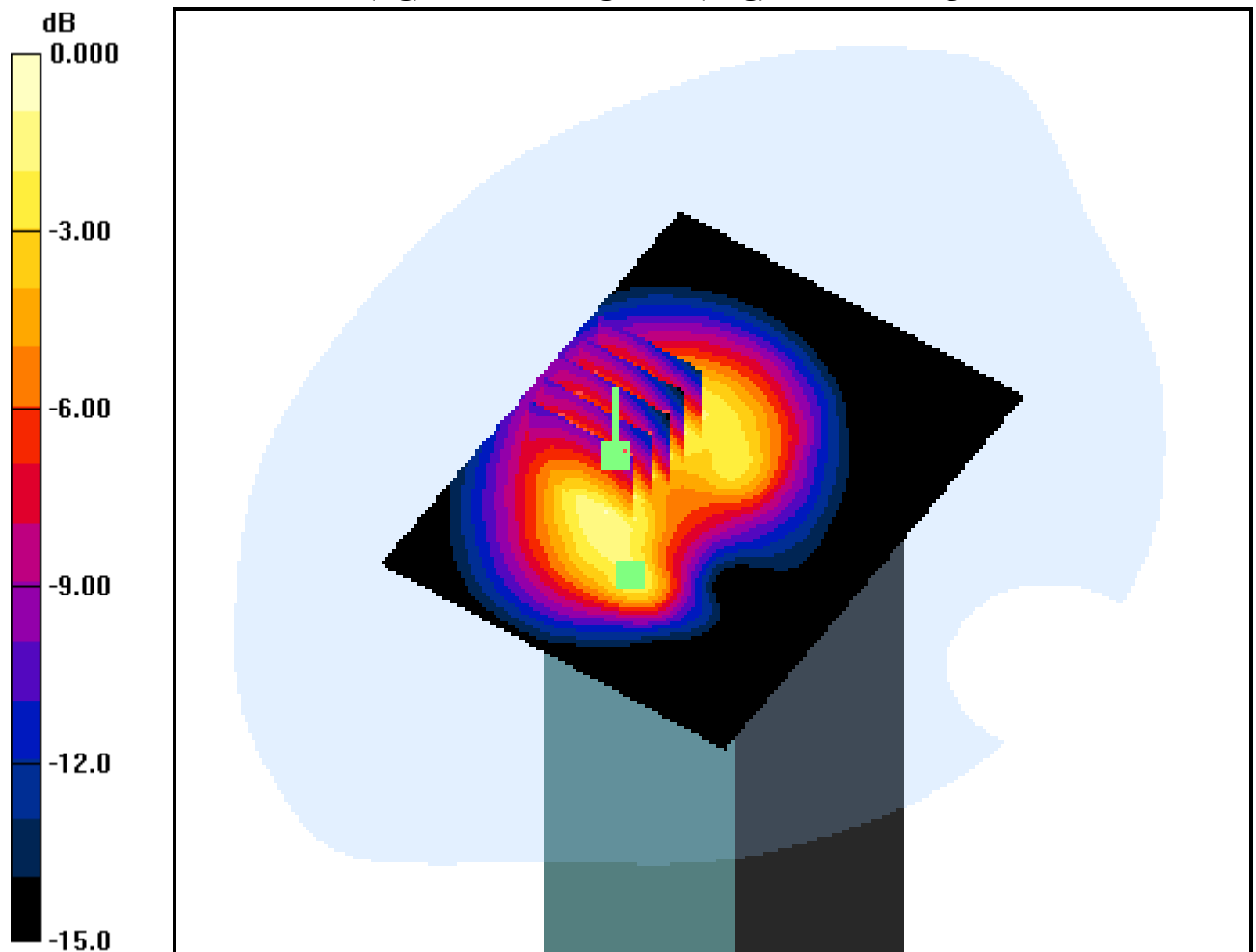
Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.185 mW/g



0 dB = 0.383mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body Top, GSM850 Ch. 190, Ant Internal, GPRS

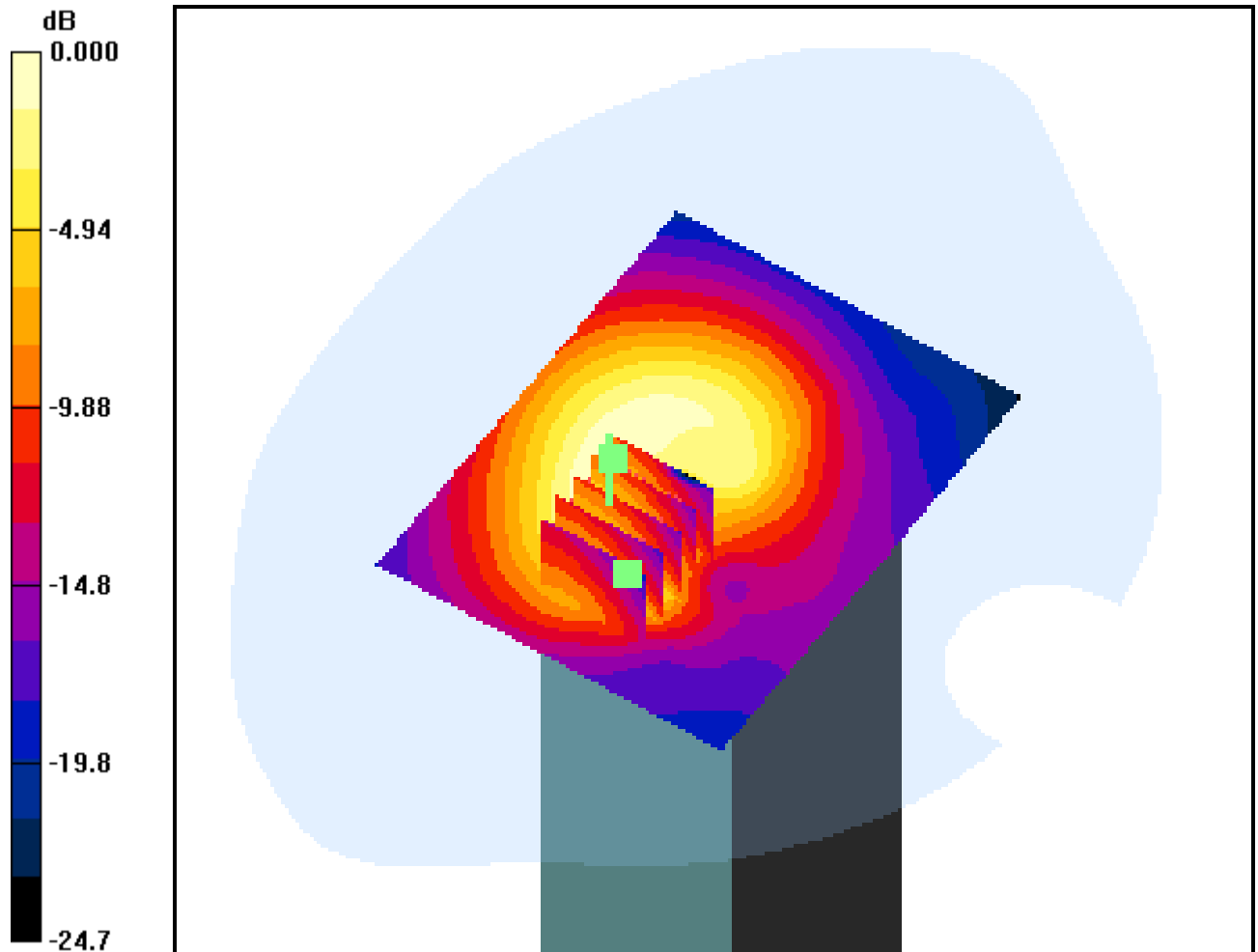
Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.128 mW/g



0 dB = 0.340mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Bottom, GSM850 Ch. 190, Ant Internal, GPRS

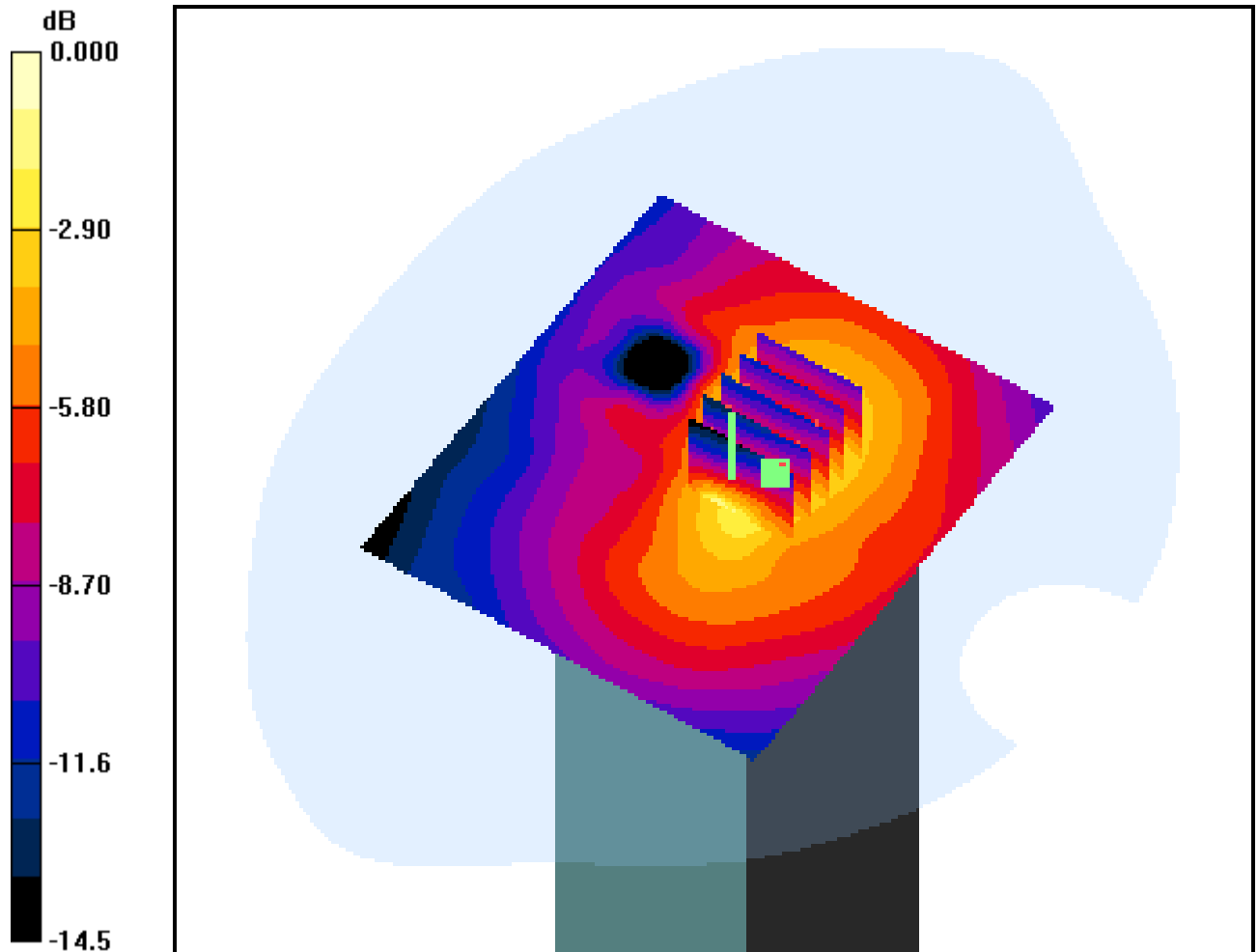
Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.255 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.024 mW/g



0 dB = 0.061mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Horizontal Up, GSM850 Ch. 190, Ant Internal, GPRS

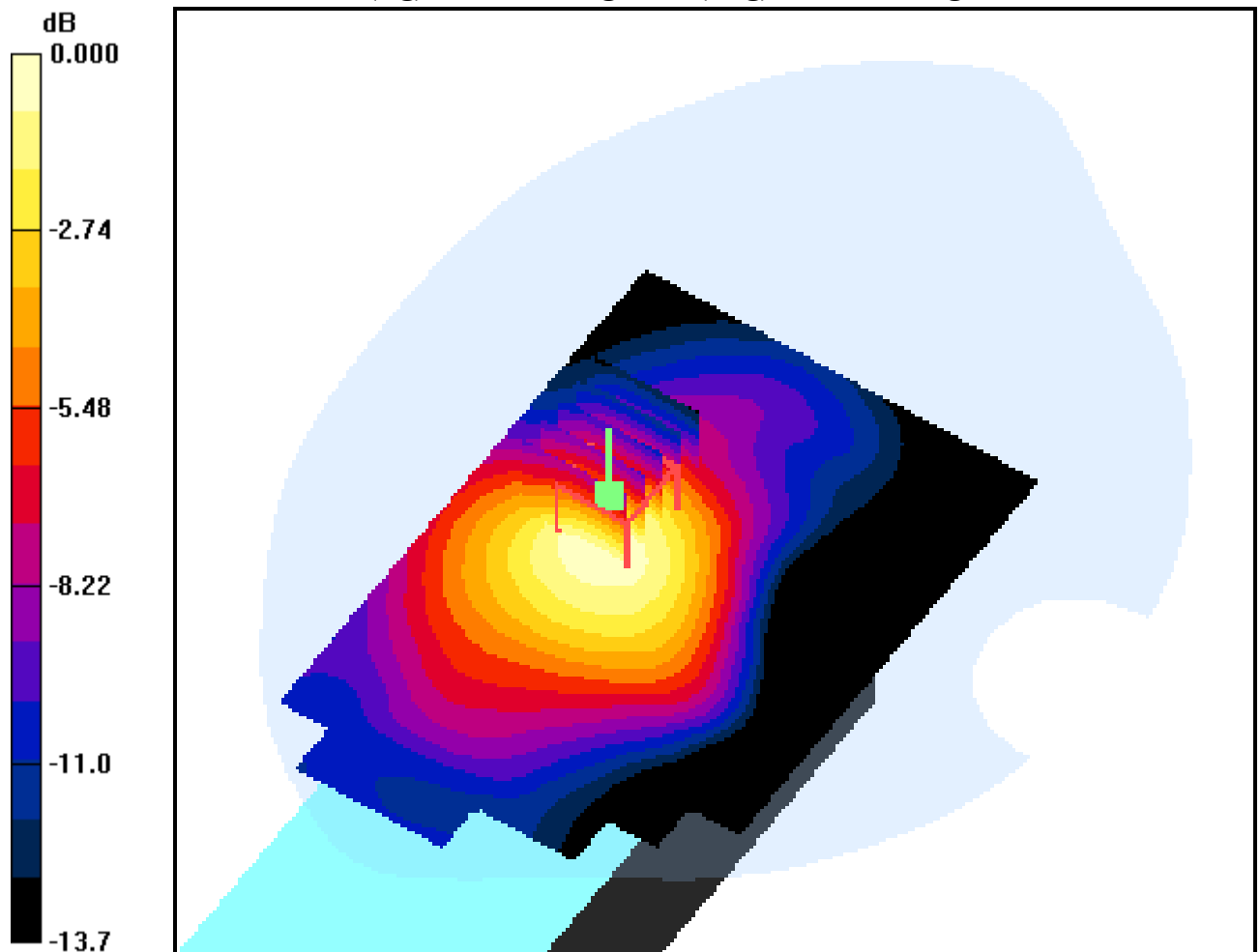
Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.097 mW/g



0 dB = 0.185mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Horizontal Down, GSM850 Ch. 190, Ant Internal, GPRS

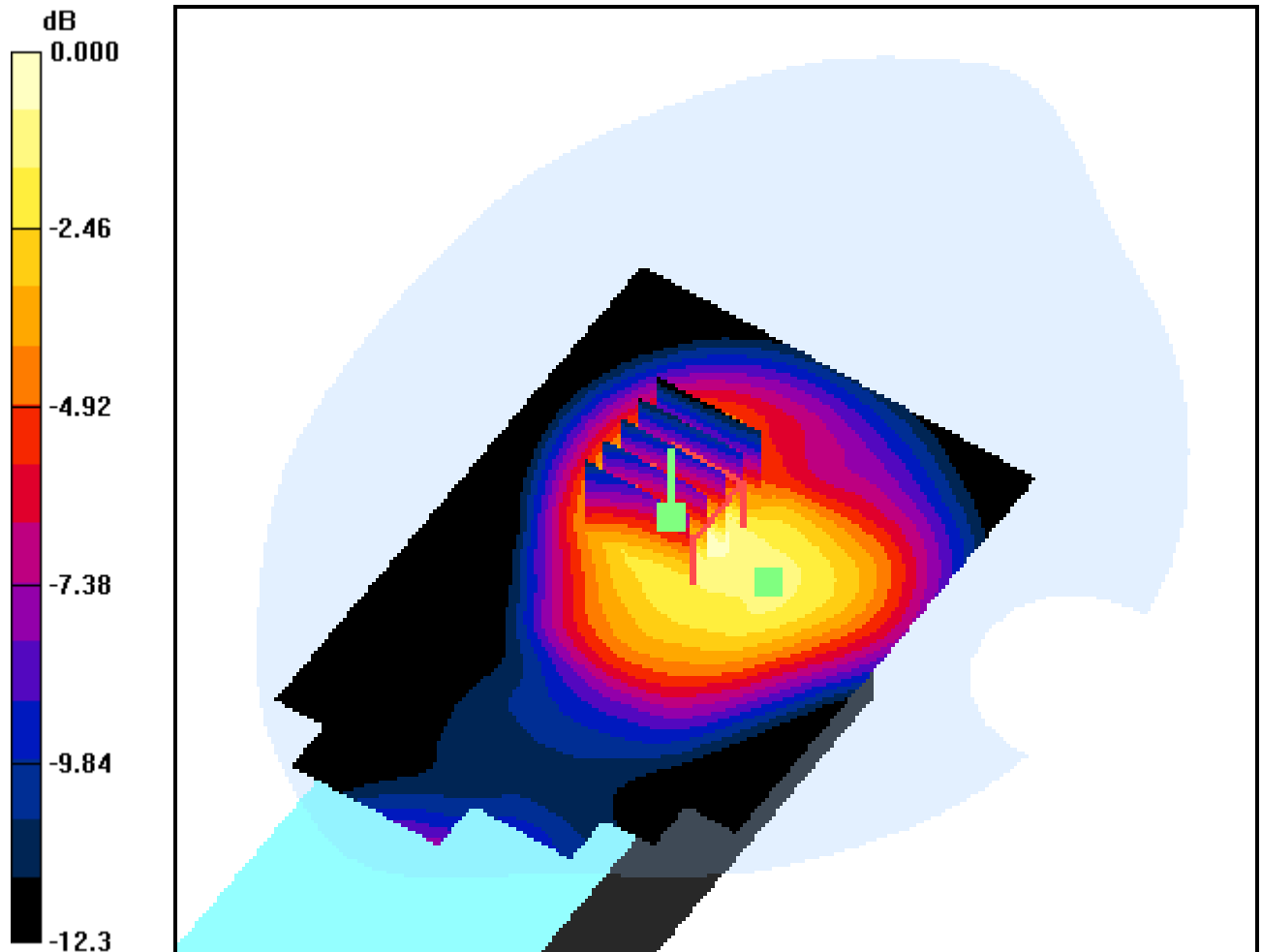
Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.215 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.114 mW/g



0 dB = 0.216mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Horizontal Down, GSM850 Ch. 190, Ant Internal, GPRS

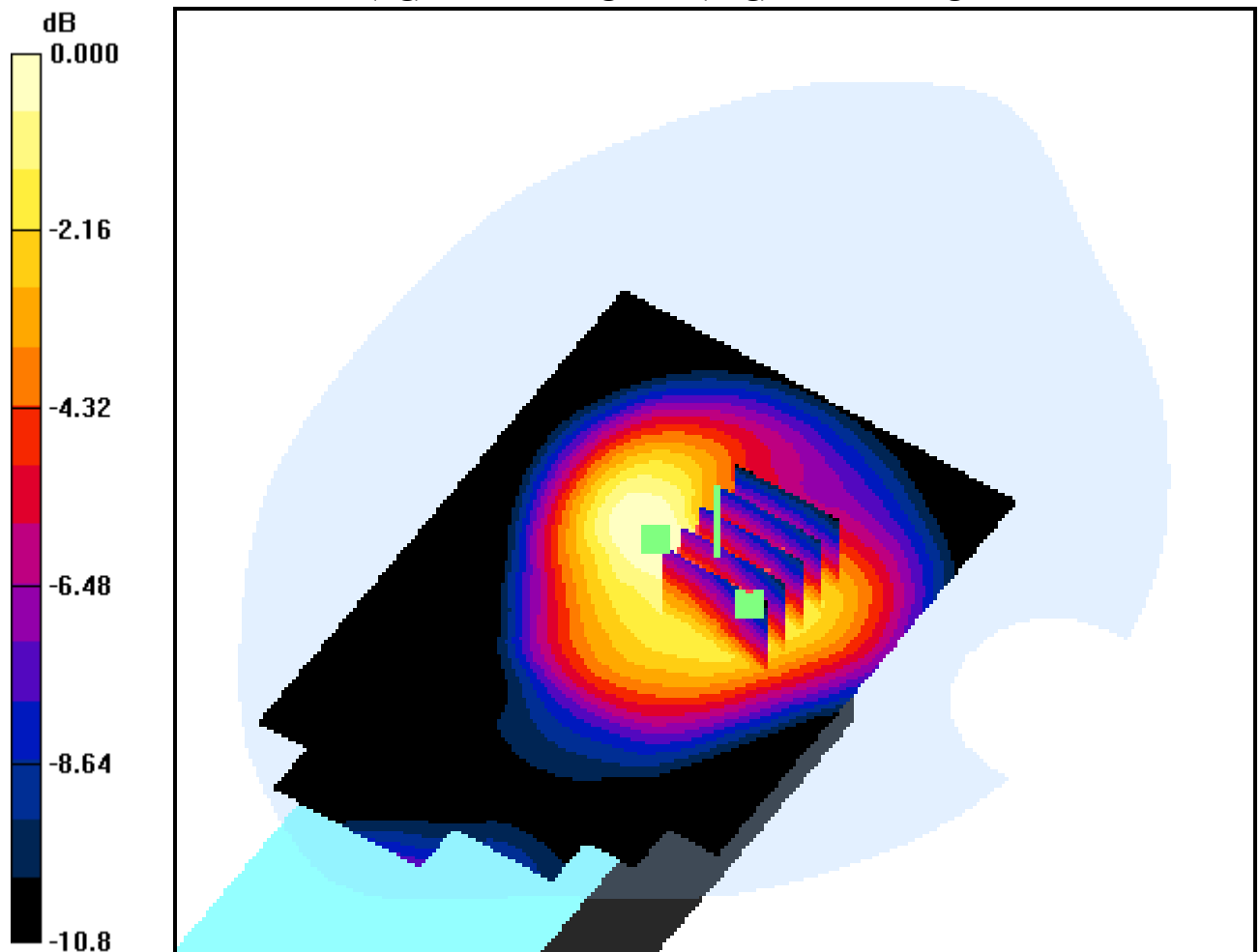
Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.215 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.105 mW/g



0 dB = 0.193mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.333$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Front, GSM850 Ch. 128, Ant Internal, GPRS

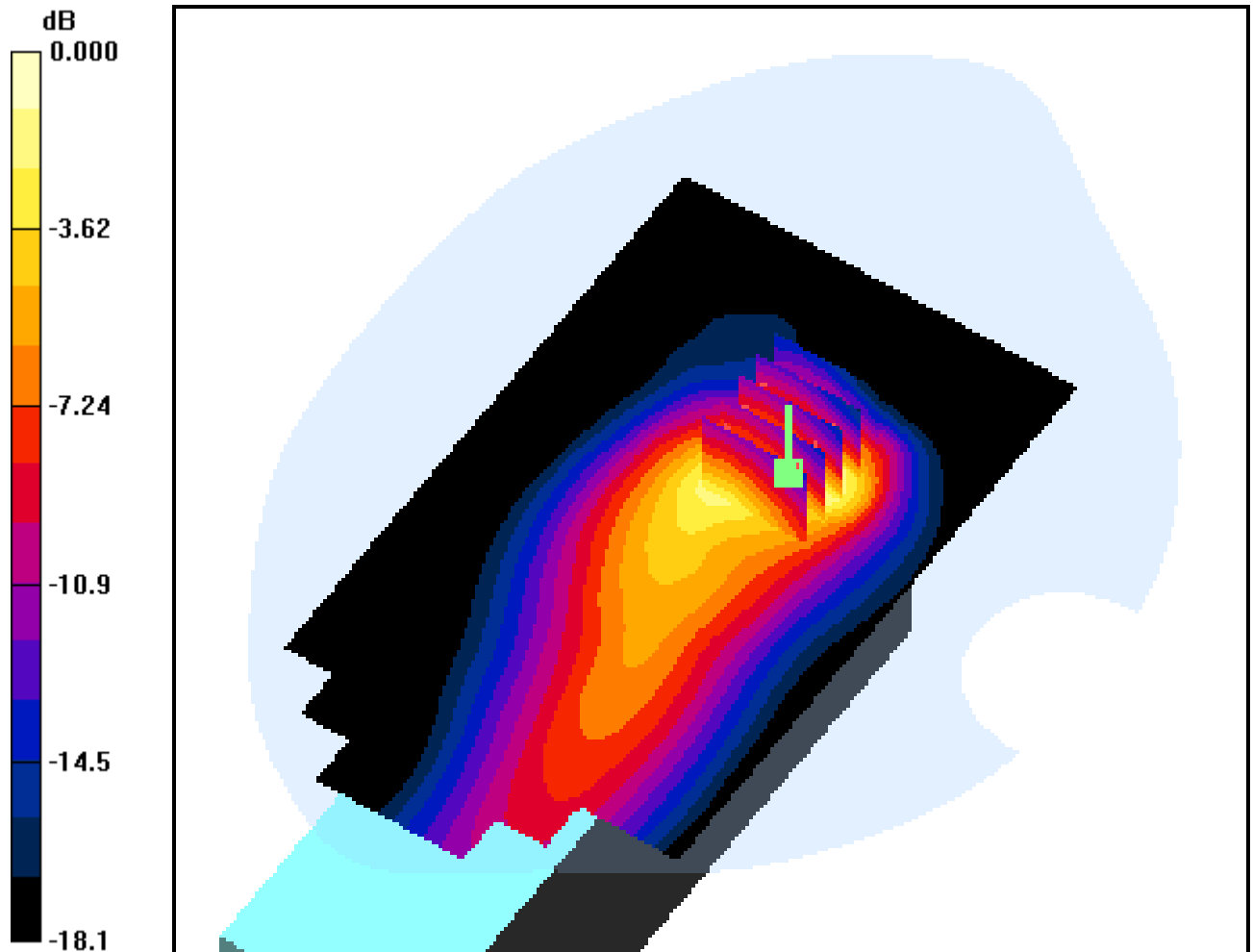
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.132 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.315 mW/g



0 dB = 0.754mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Front, GSM850 Ch. 190, Ant Internal, GPRS

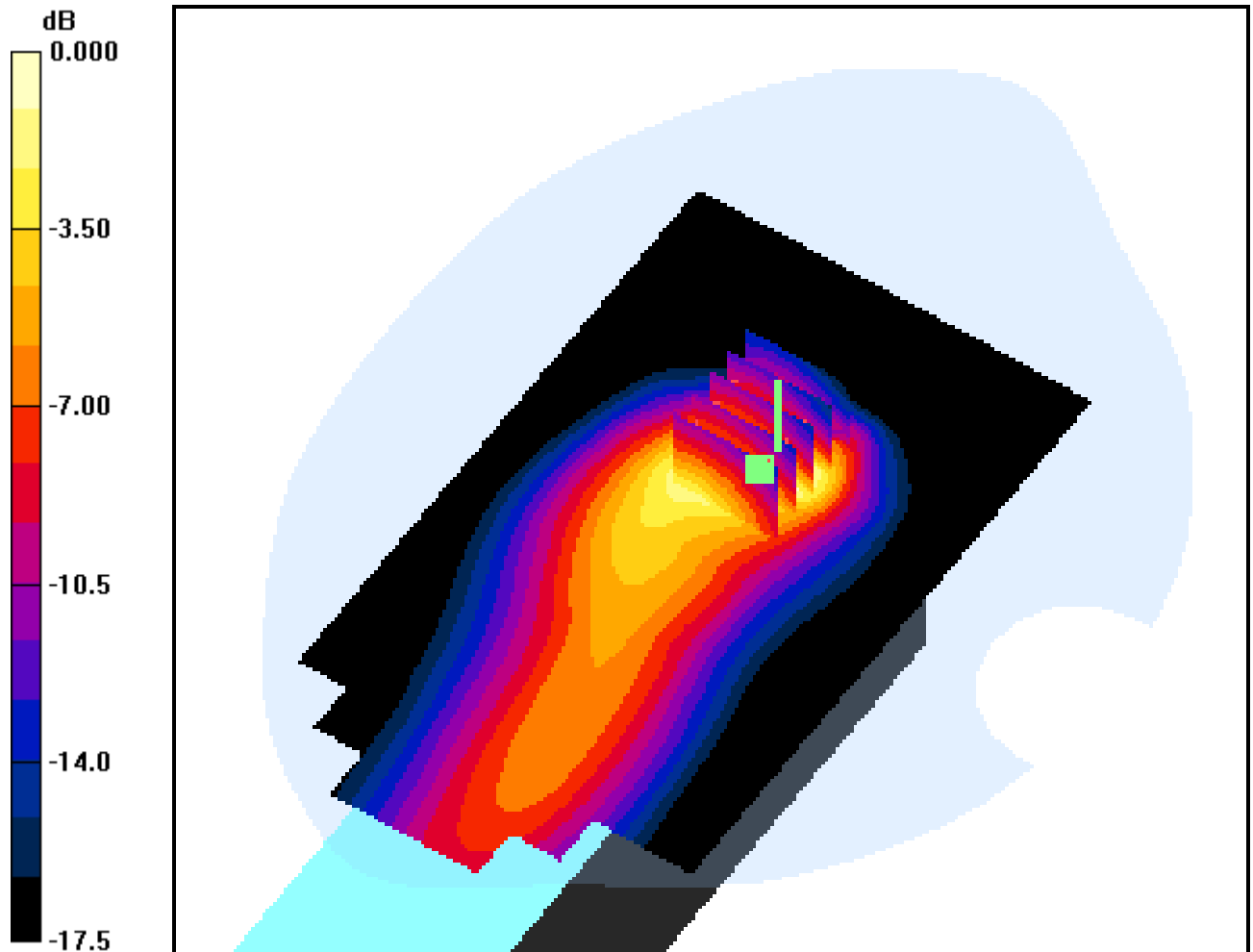
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.336 mW/g



0 dB = 0.769mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Front, GSM850 Ch. 251, Ant Internal, GPRS

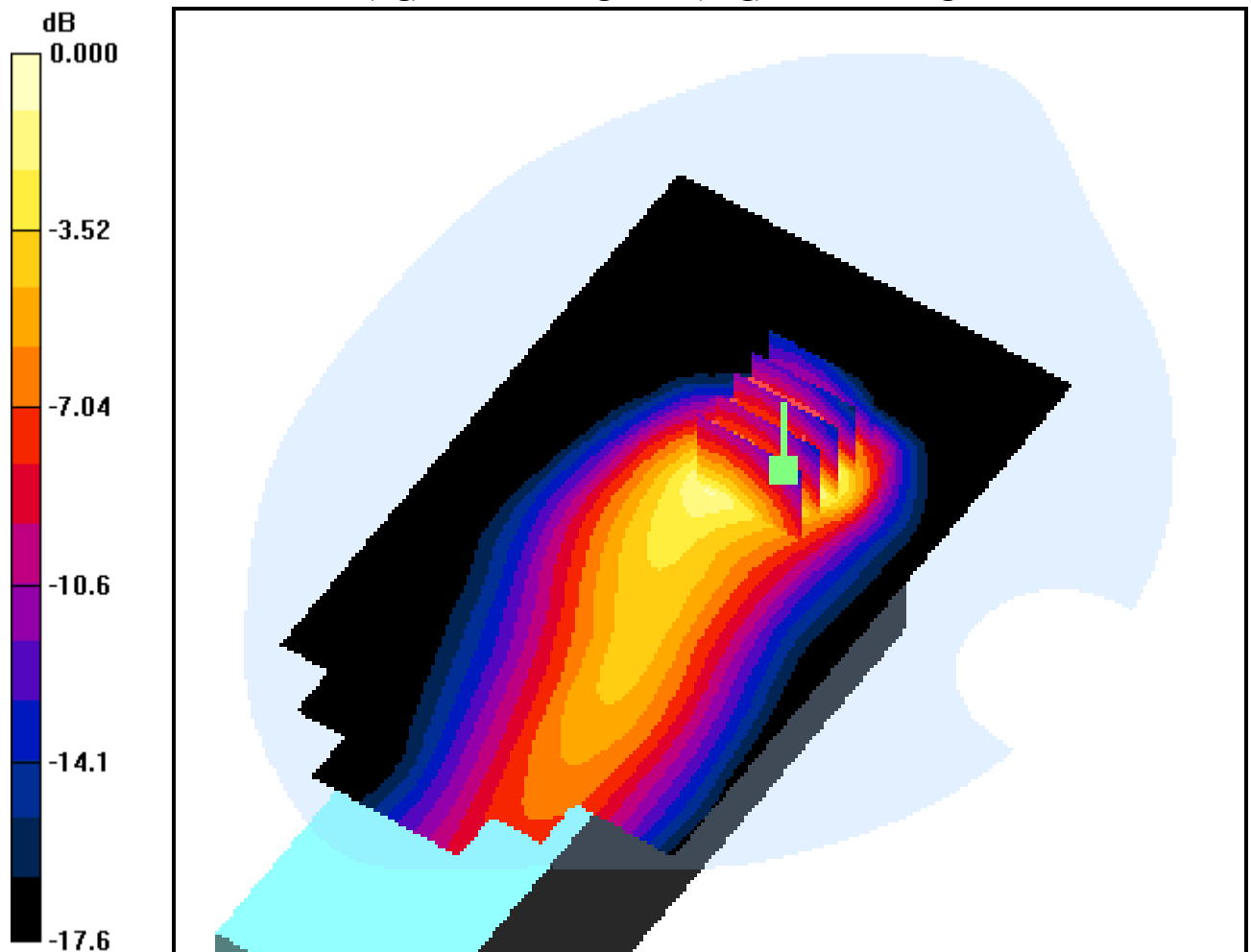
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.285 mW/g



0 dB = 0.641mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Front, GSM850 Ch. 190, Ant Internal

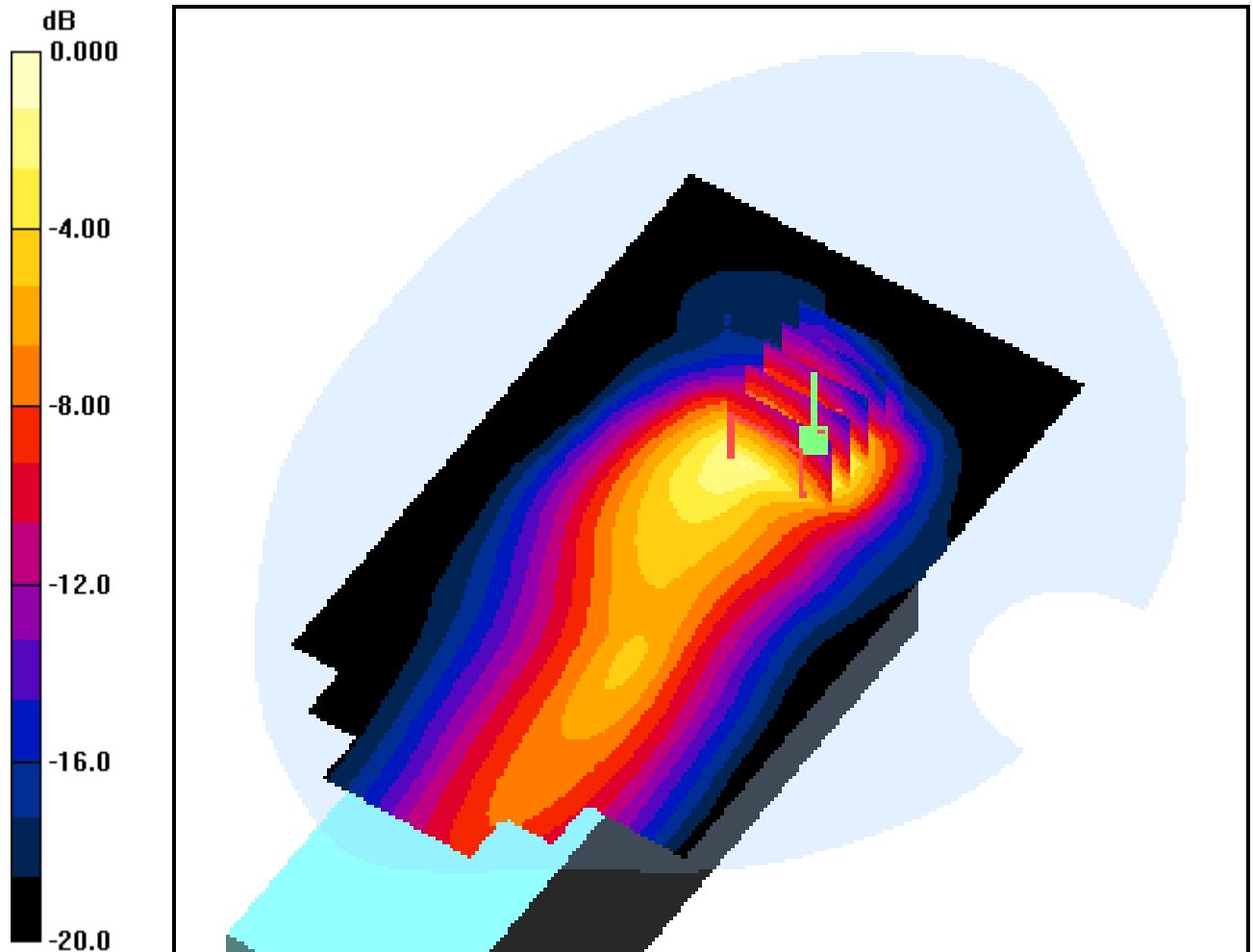
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.177 mW/g



0 dB = 0.439mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Back, GSM850 Ch. 190, Ant Internal, GPRS

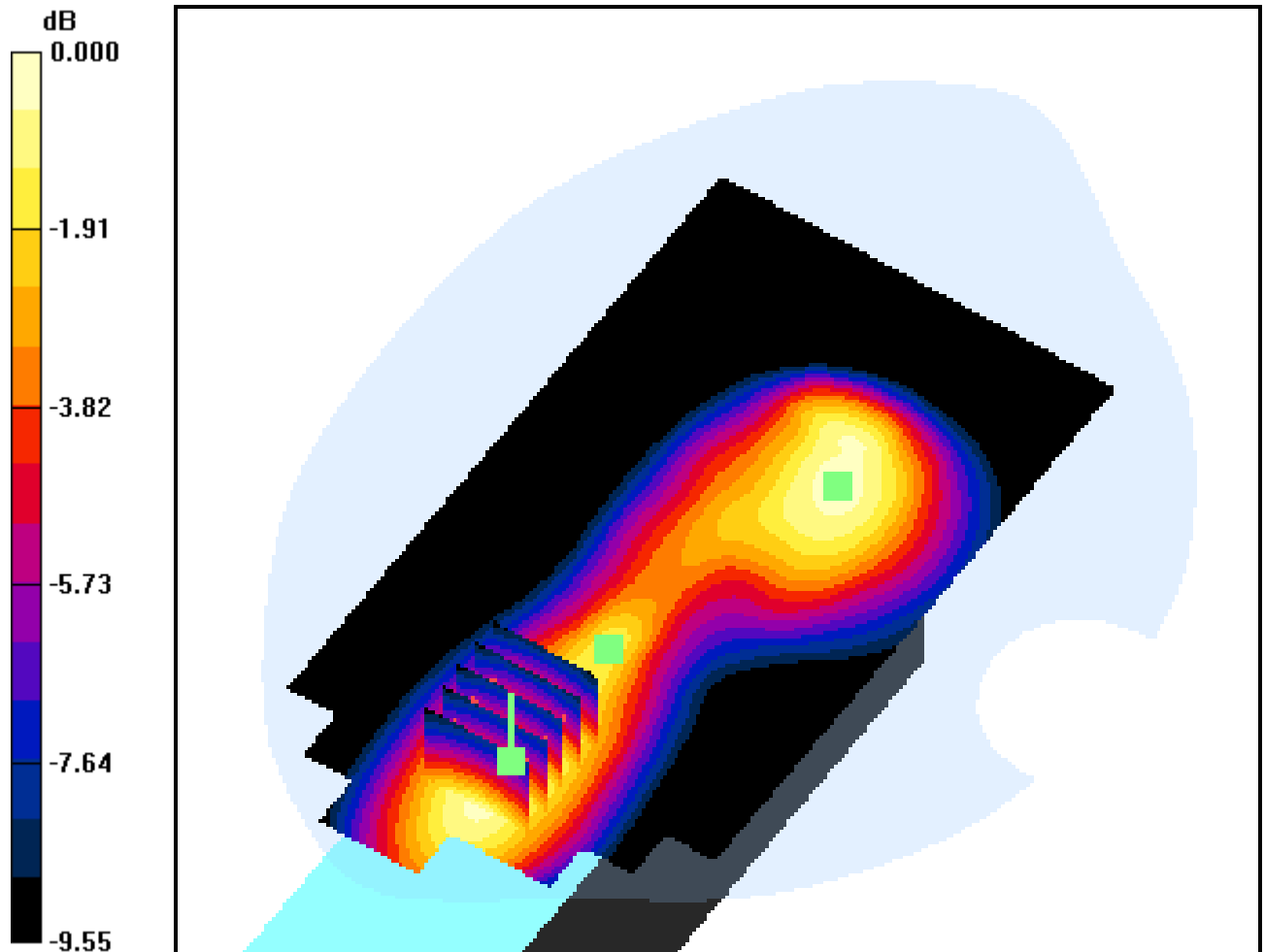
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.225 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.068 mW/g



0 dB = 0.121mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Back, GSM850 Ch. 190, Ant Internal, GPRS

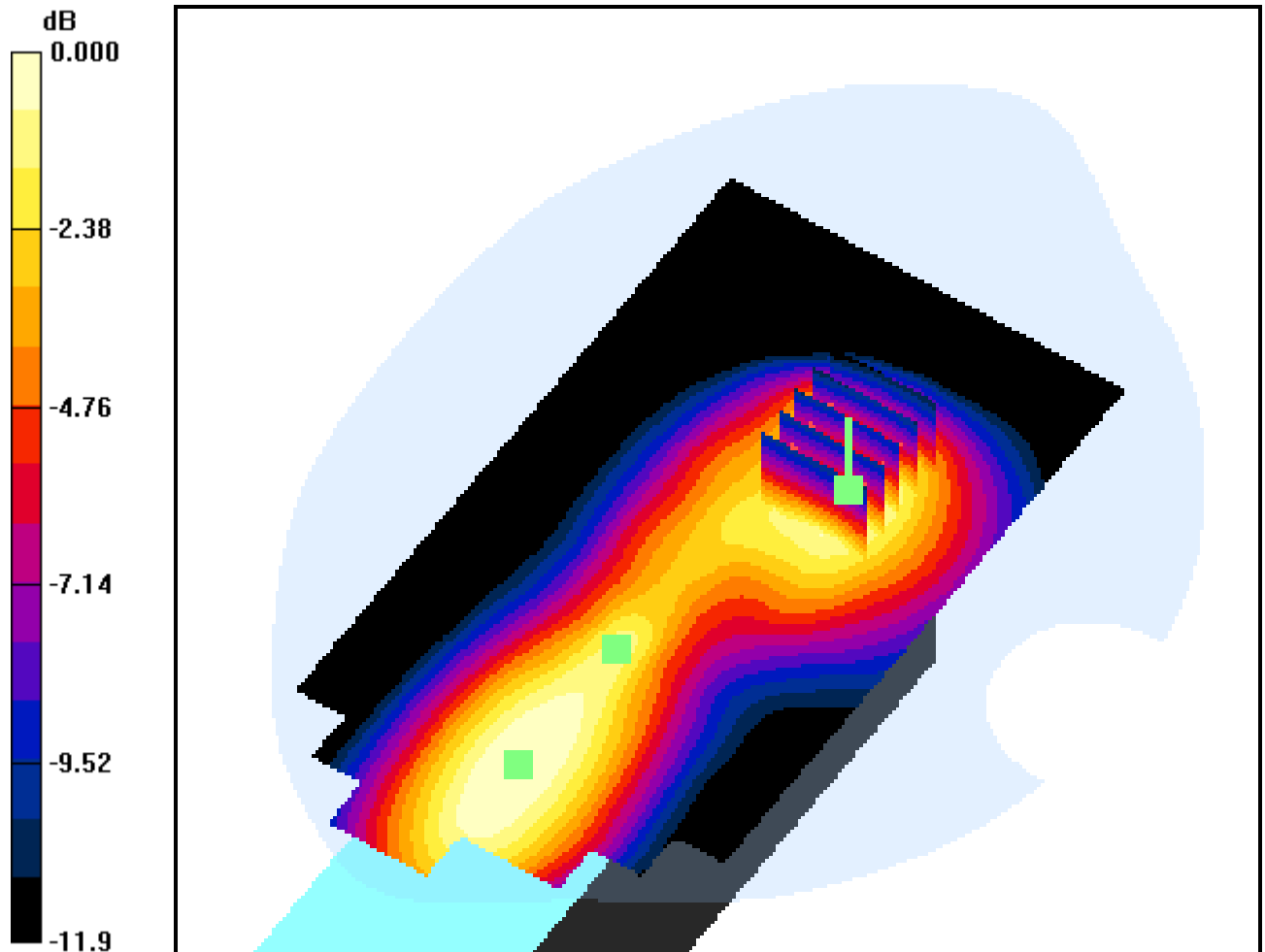
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.225 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.061 mW/g



0 dB = 0.114mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Back, GSM850 Ch. 190, Ant Internal, GPRS

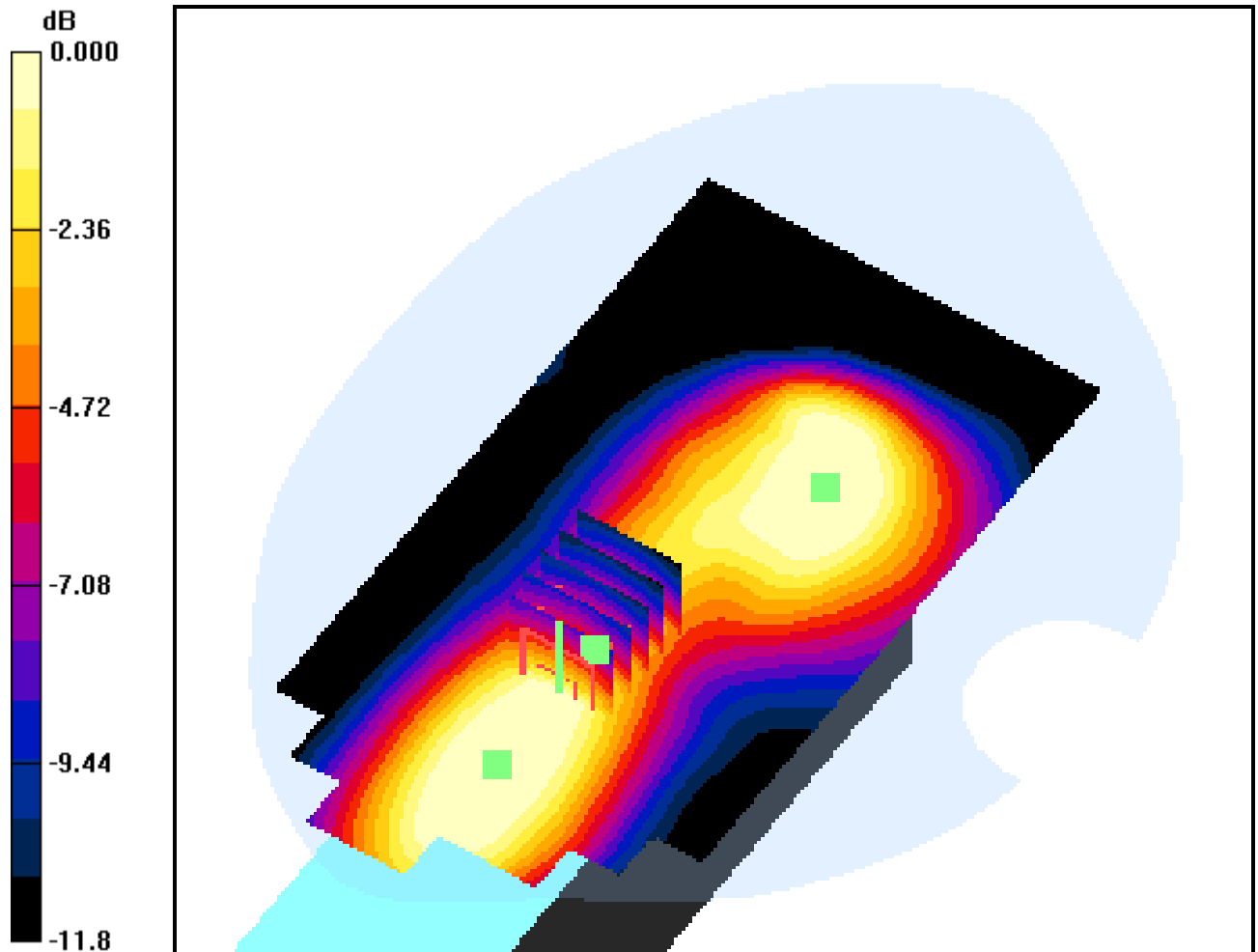
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.225 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.043 mW/g



0 dB = 0.092mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Top, PCS1900 Ch. 661, Ant Internal, GPRS

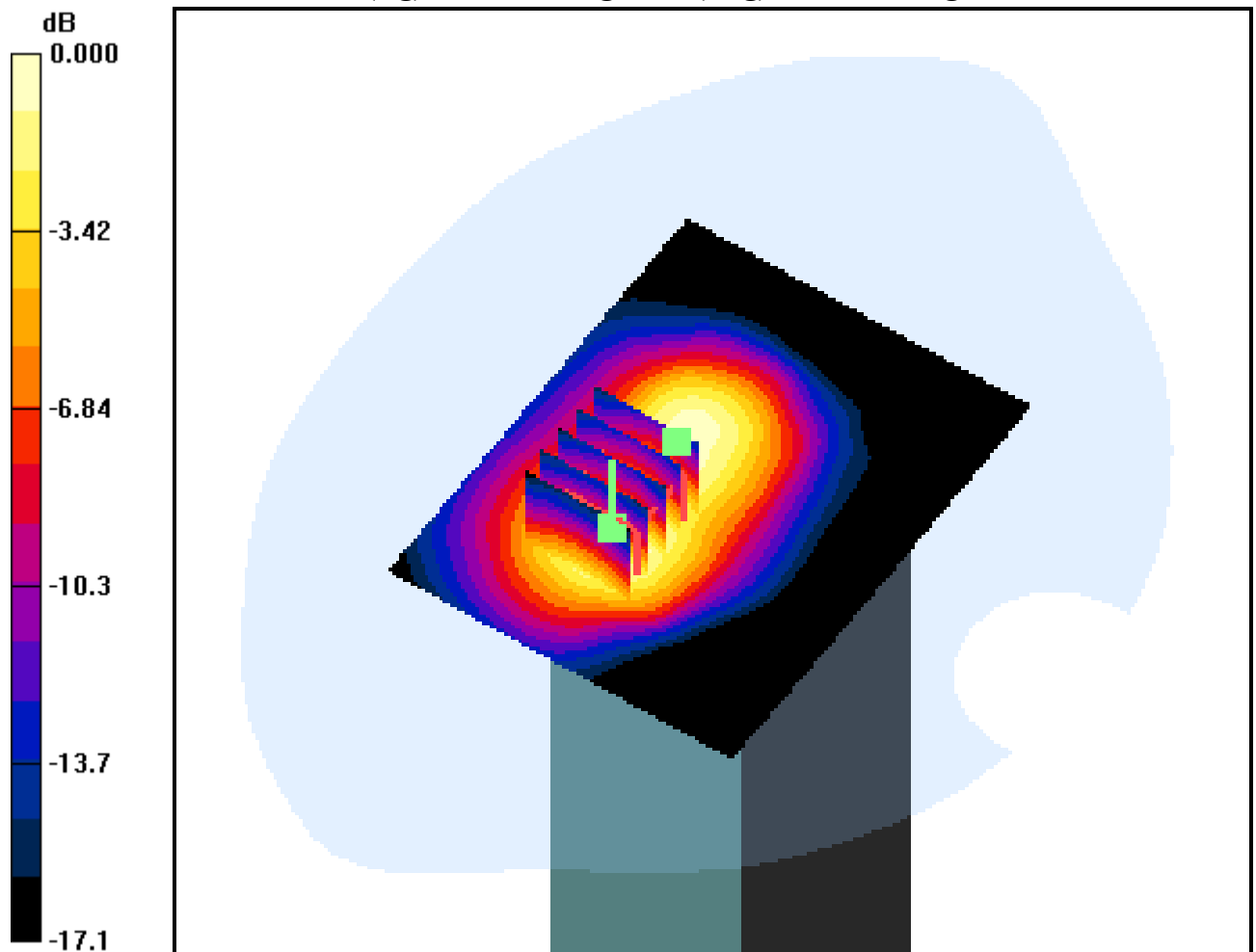
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.319 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.142 mW/g



0 dB = 0.308mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Top, PCS1900 Ch. 661, Ant Internal, GPRS

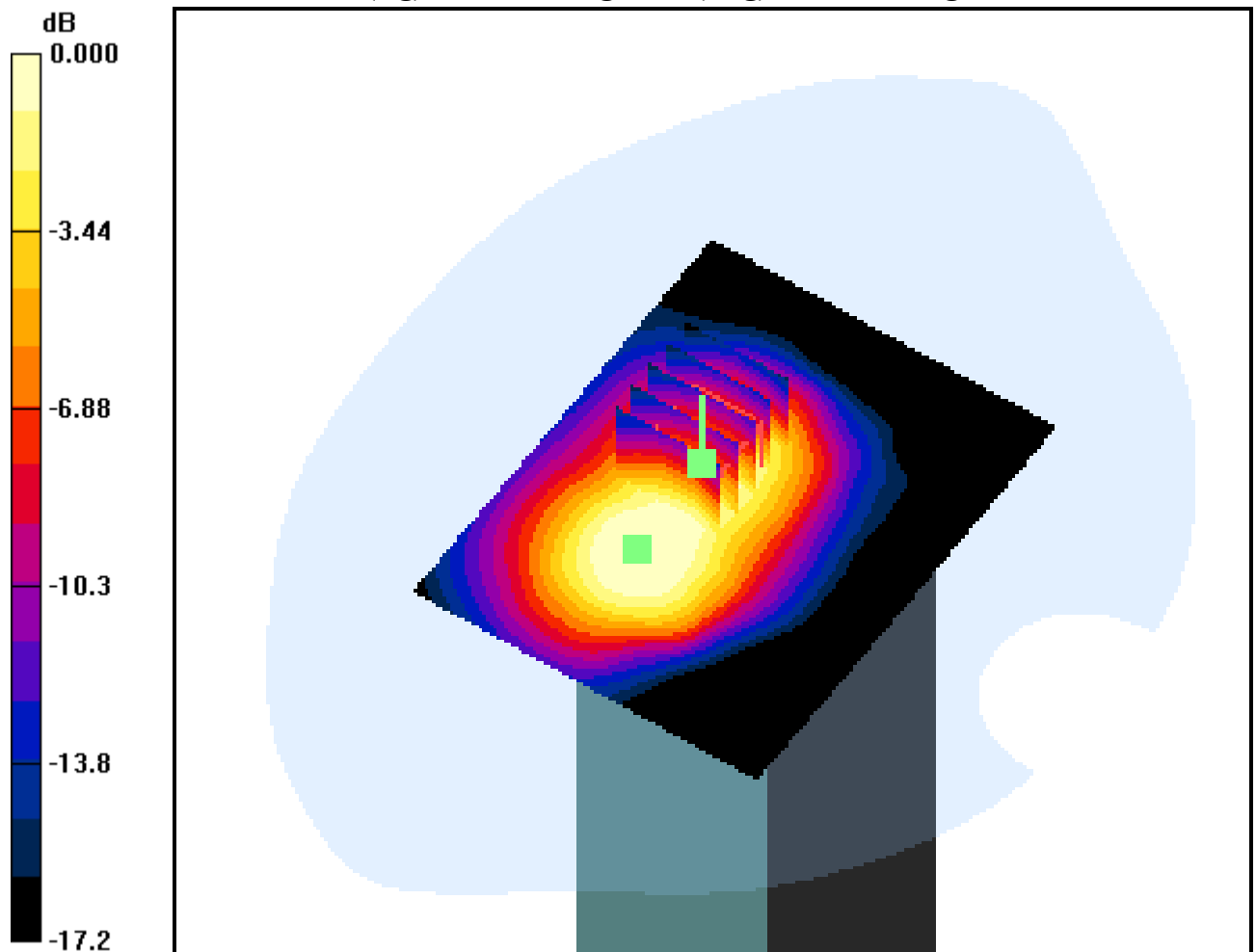
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.319 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.128 mW/g



0 dB = 0.270mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Bottom, PCS1900 Ch. 661, Ant Internal, GPRS

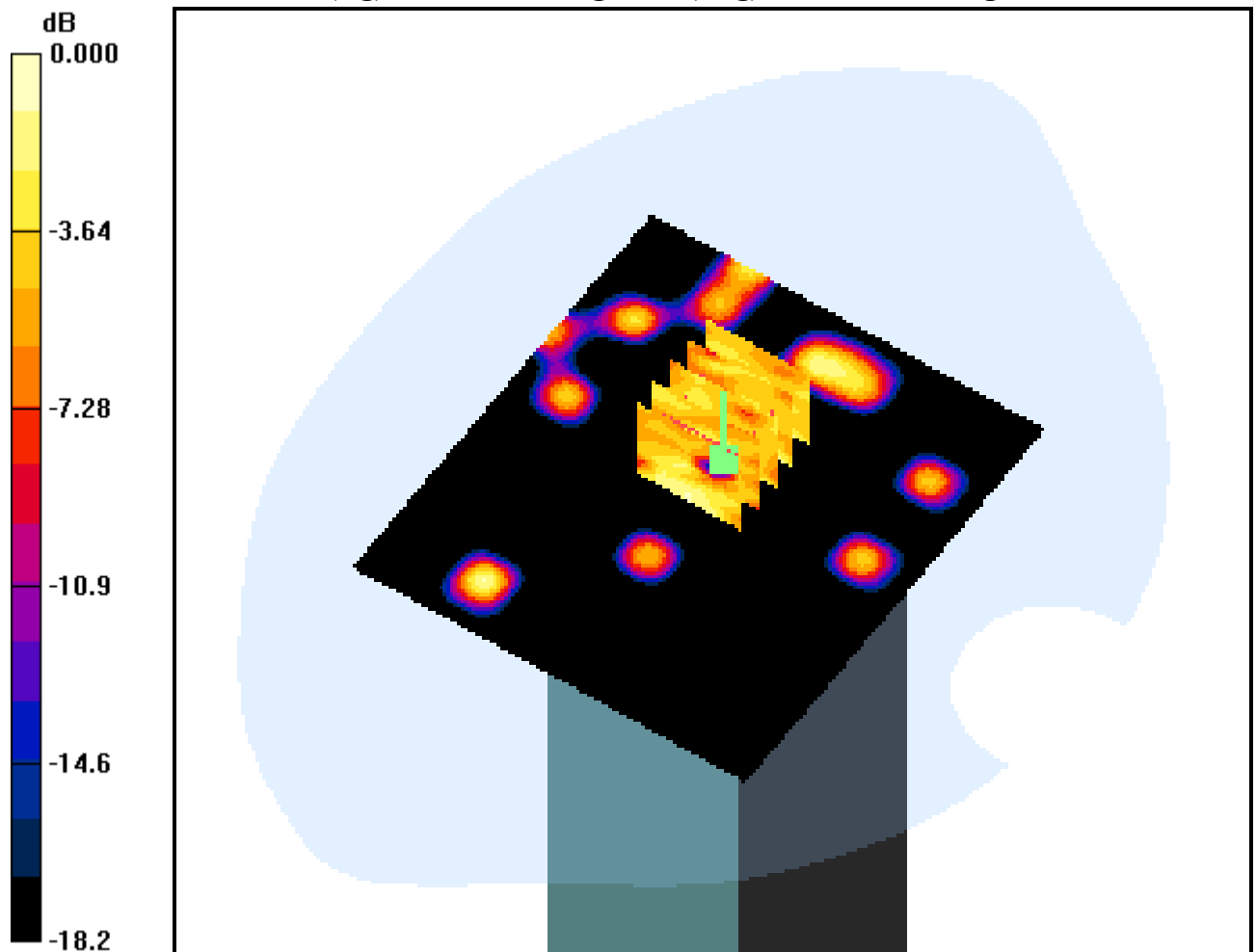
Area Scan (81x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.009 W/kg

SAR(1 g) = 0.00328 mW/g; SAR(10 g) = 0.000965 mW/g



0 dB = 0.004mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Horizontal Up, PCS1900 Ch. 661, Ant Internal, GPRS

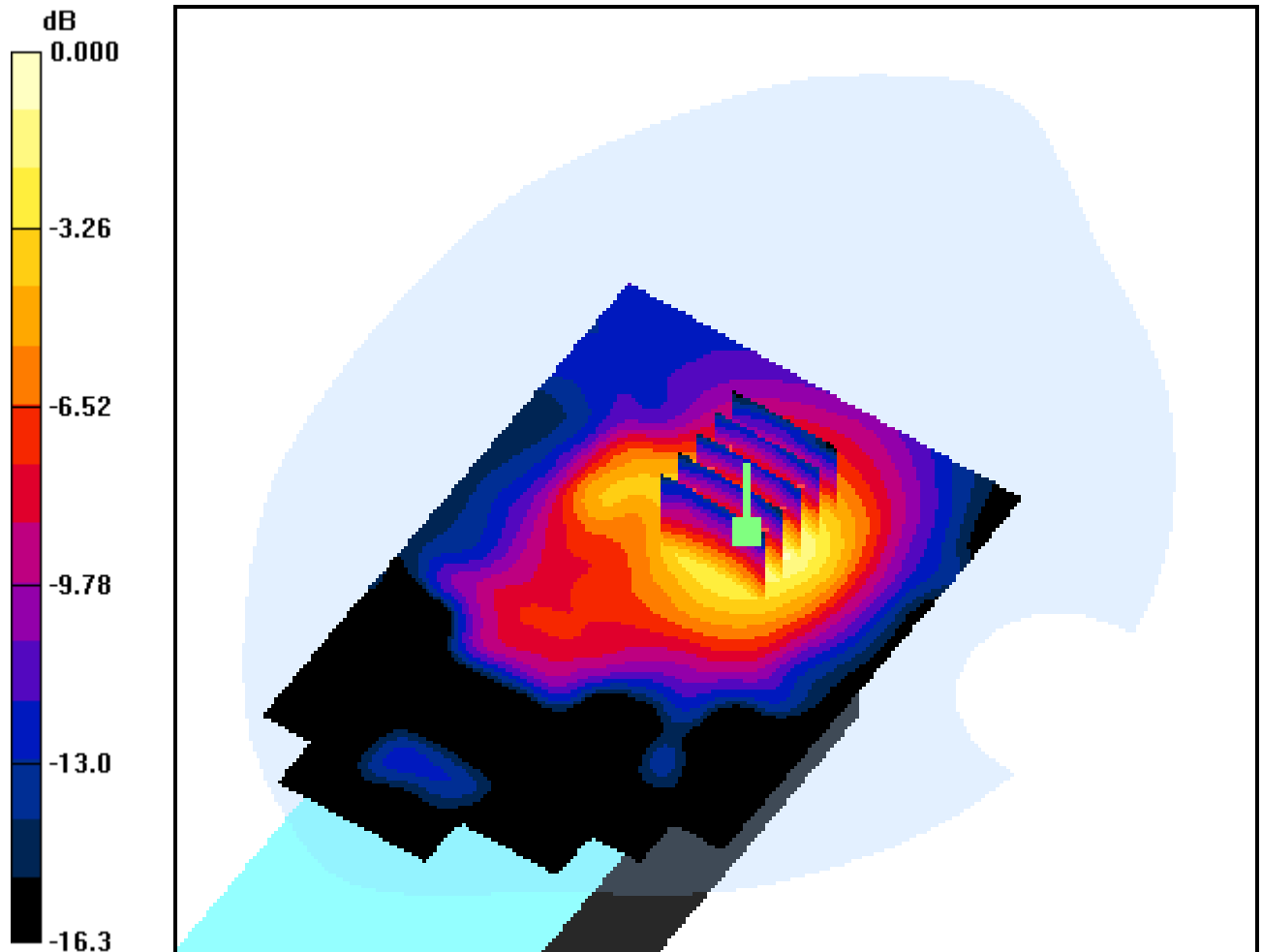
Area Scan (81x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.052 mW/g



0 dB = 0.113mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Horizontal Down, PCS1900 Ch. 661, Ant Internal, GPRS

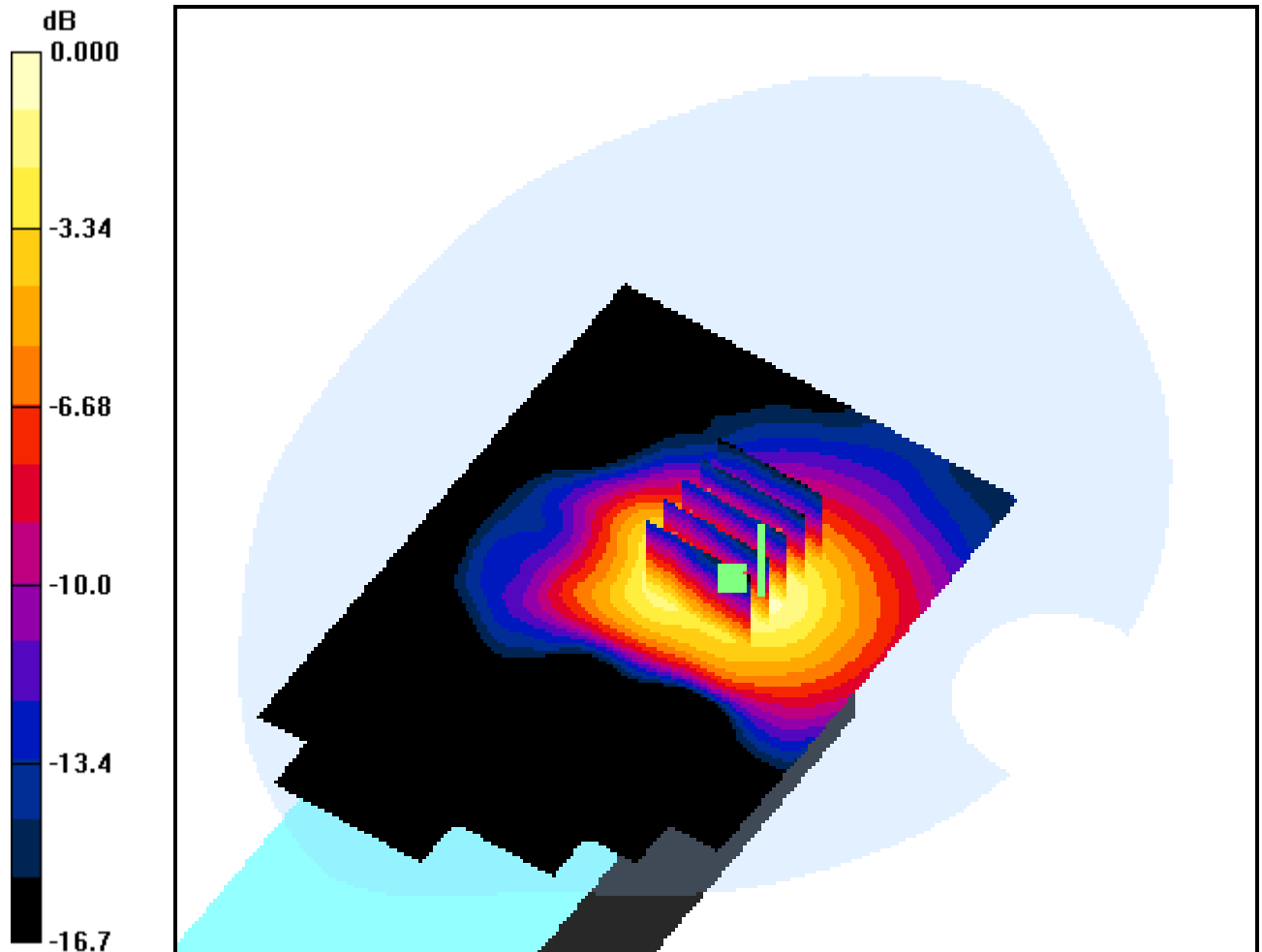
Area Scan (81x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.276 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.086 mW/g



0 dB = 0.193mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Front, PCS1900 Ch. 512, Ant Internal, GPRS

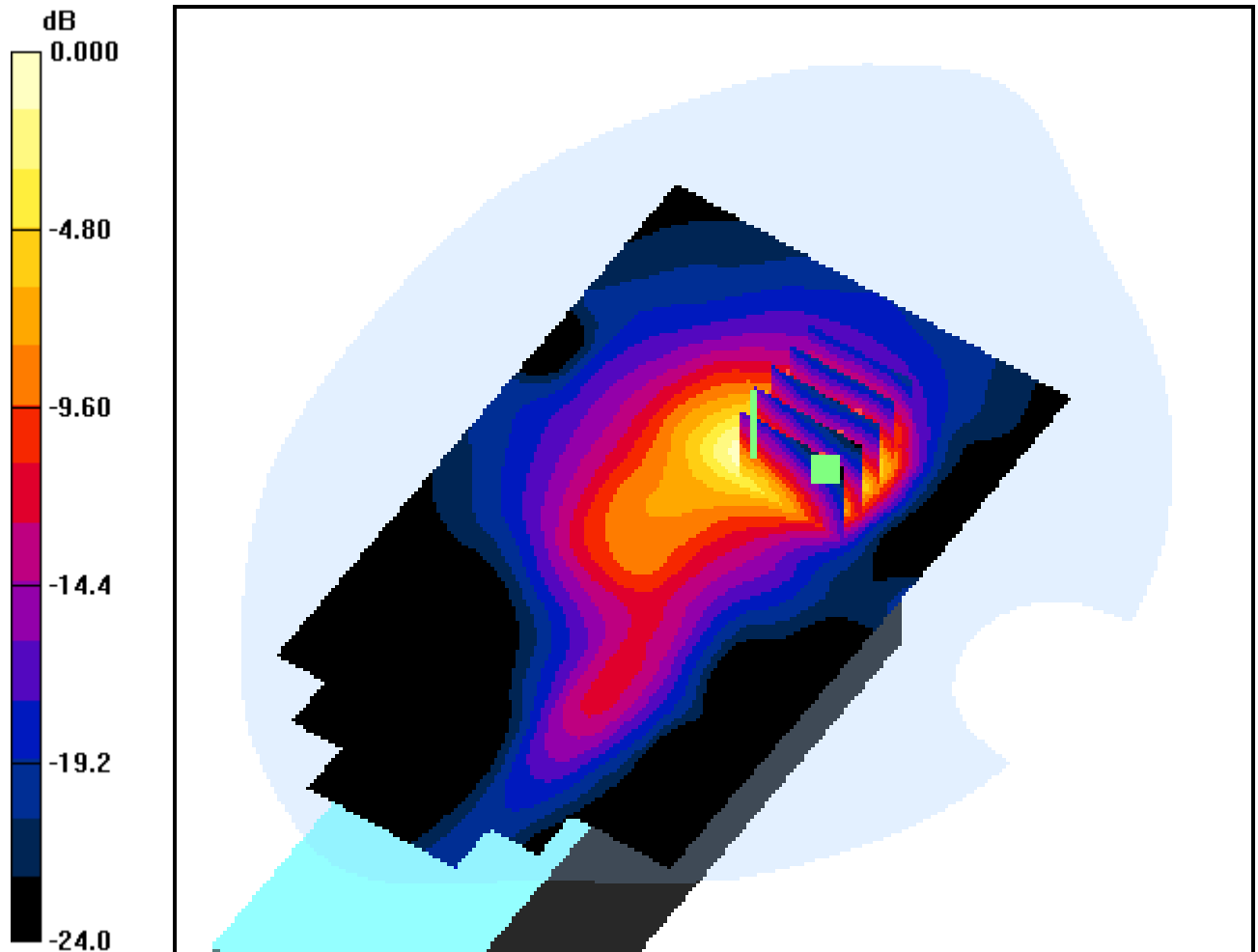
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.259 mW/g



0 dB = 0.924mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Front, PCS1900 Ch. 661, Ant Internal, GPRS

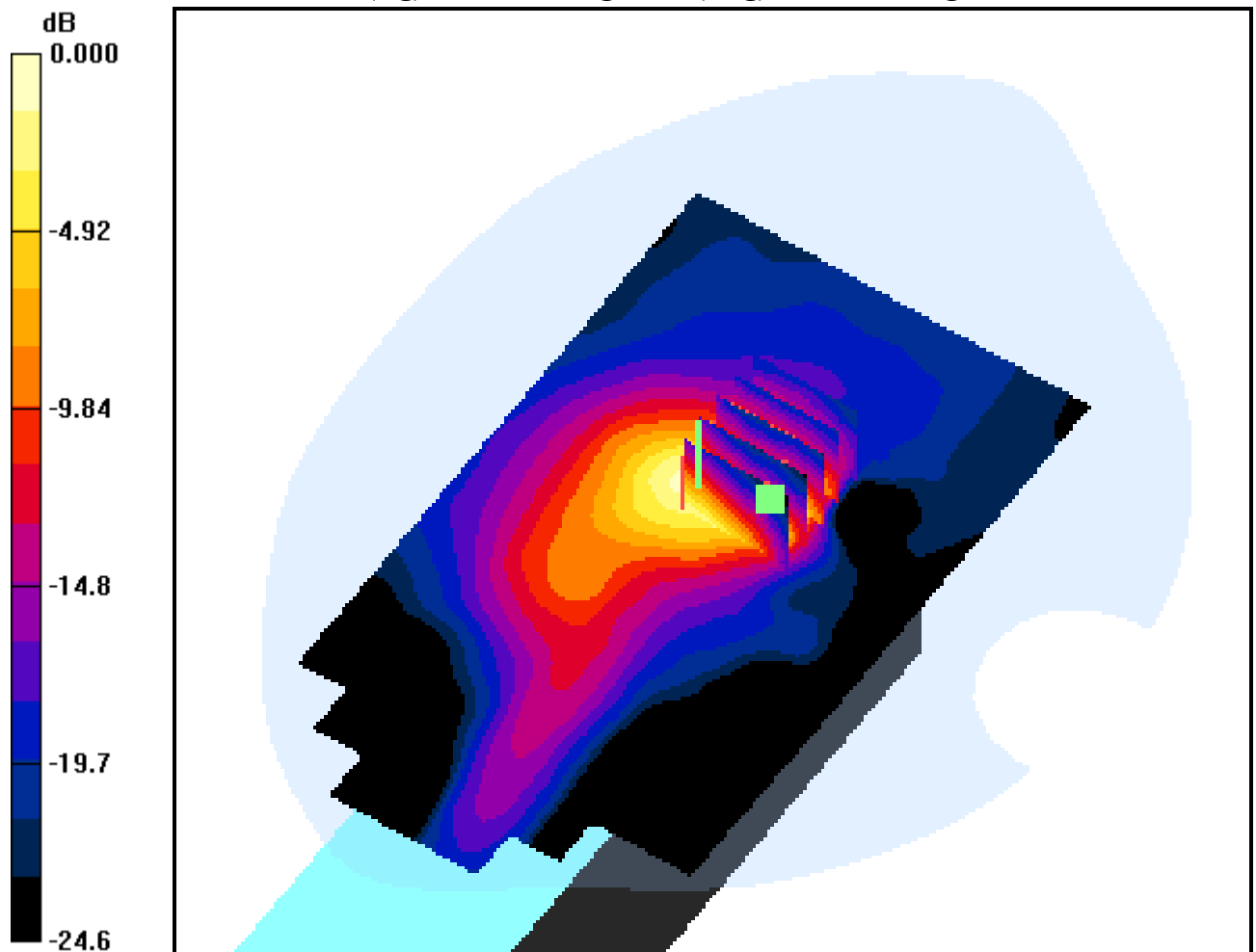
Area Scan (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.158 mW/g



0 dB = 0.568mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Front, PCS1900 Ch. 810, Ant Internal, GPRS

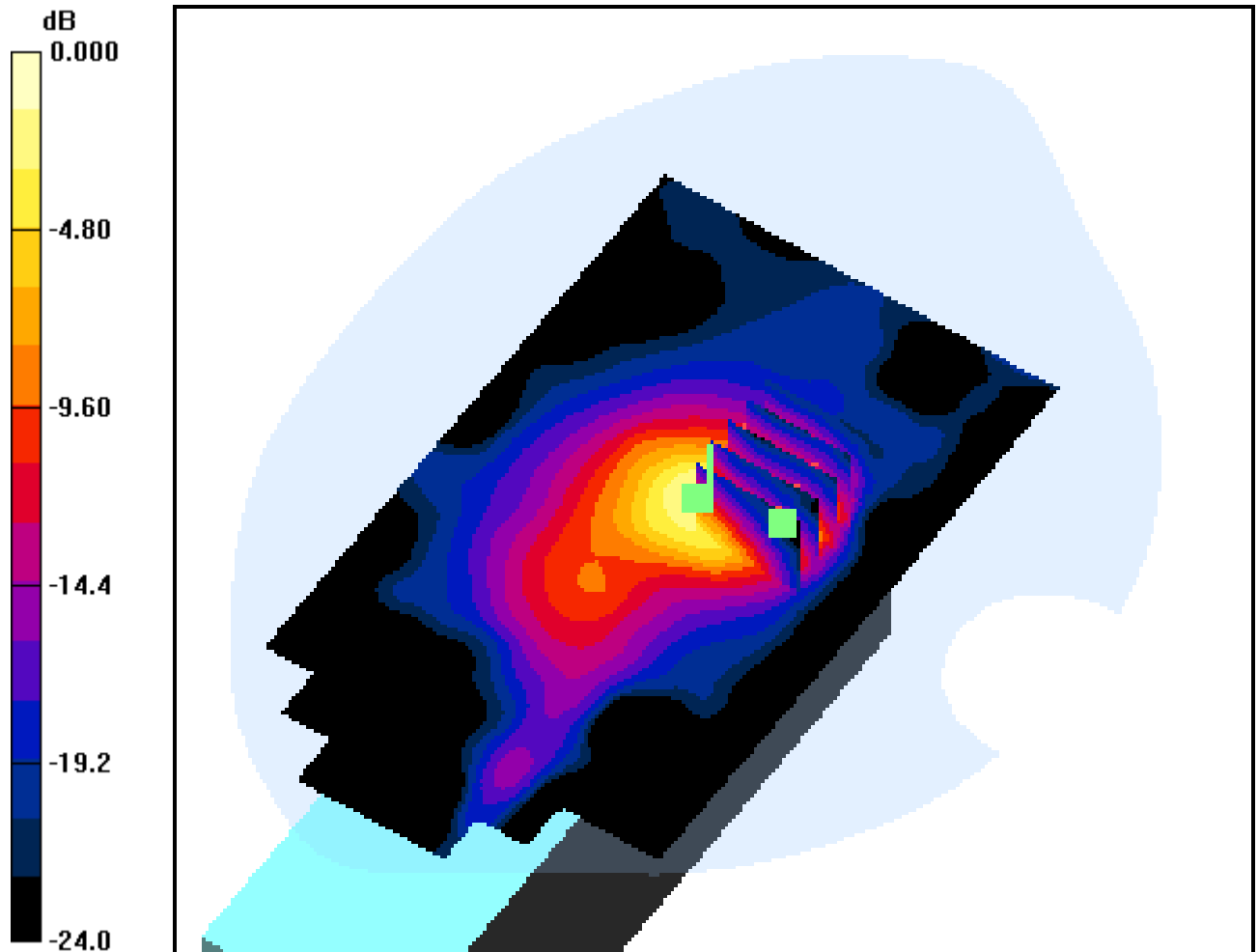
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.378 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.106 mW/g



0 dB = 0.435mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Front, PCS1900 Ch. 810, Ant Internal, GPRS

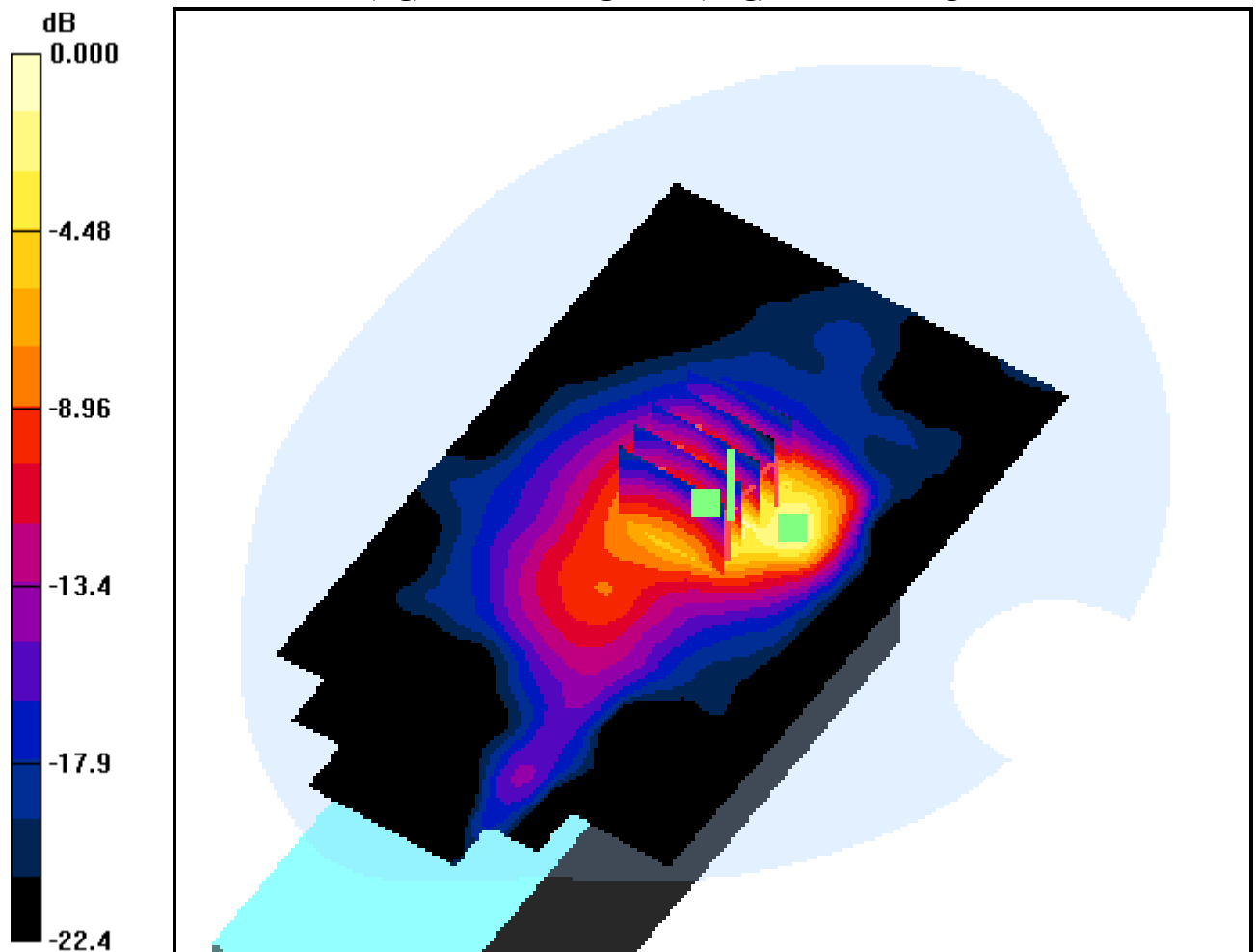
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.378 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.132 mW/g



0 dB = 0.391mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Front, PCS1900 Ch. 512, Ant Internal

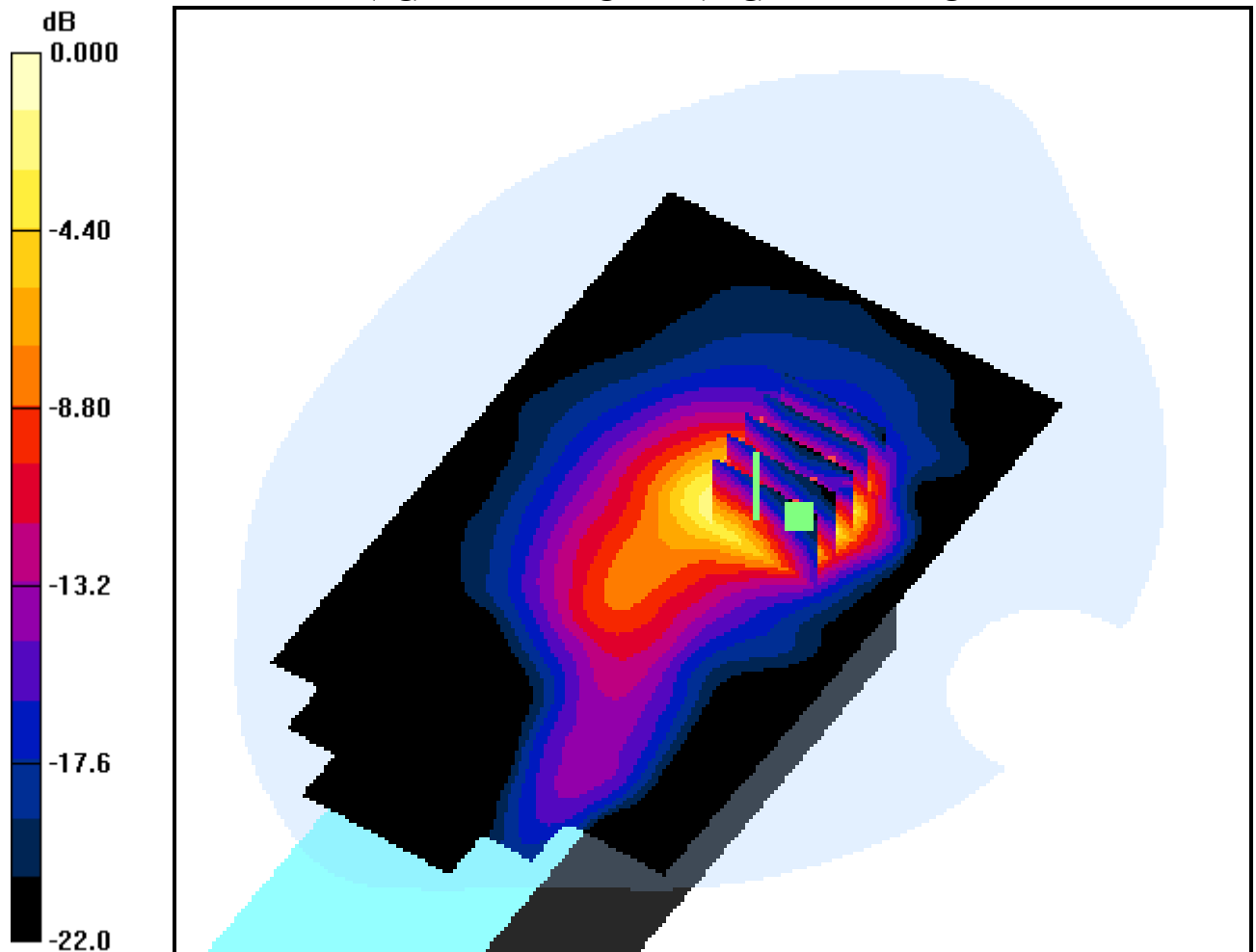
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.167 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.163 mW/g



0 dB = 0.550mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Back, PCS1900 Ch. 661, Ant Internal, GPRS

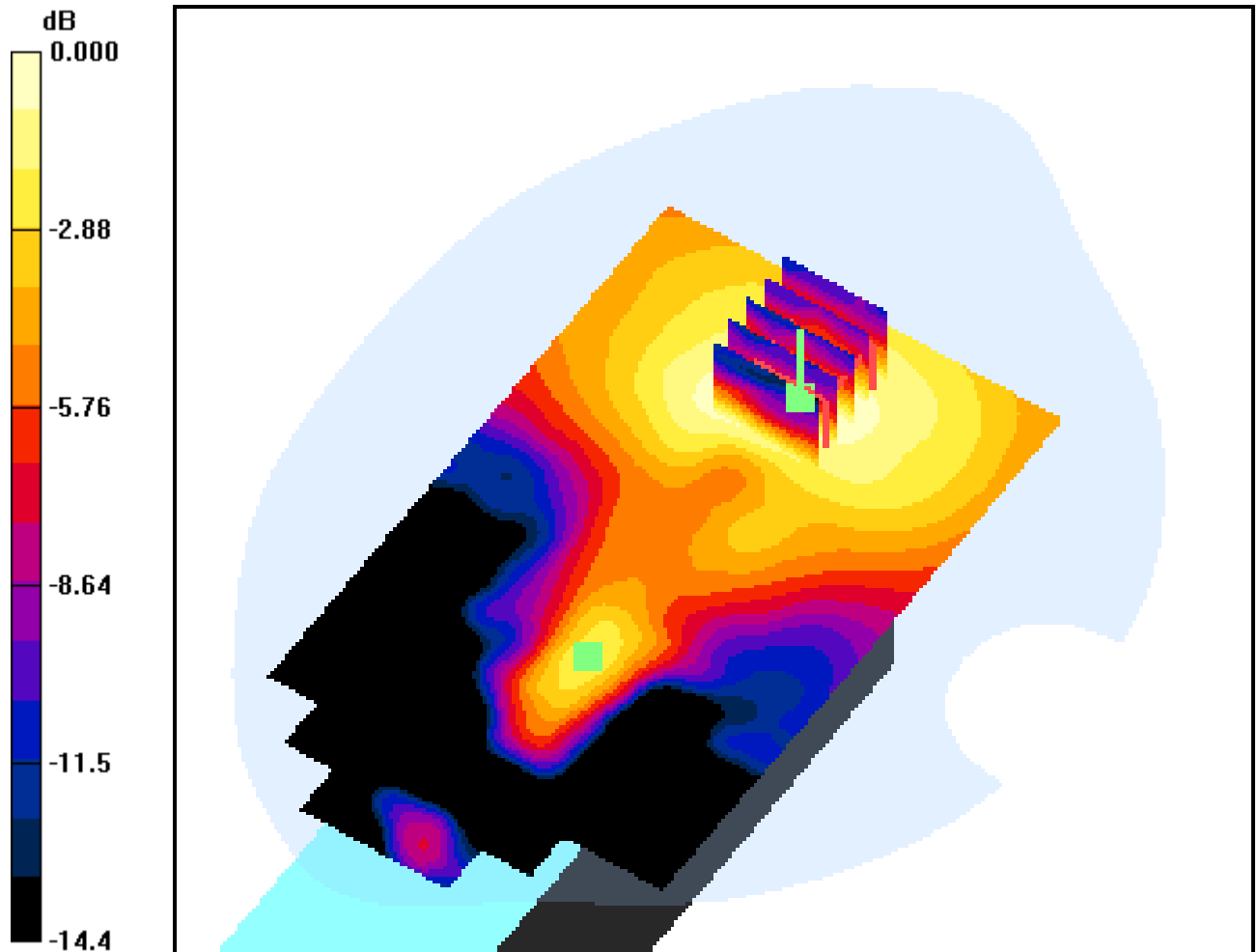
Area Scan (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.042 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g



0 dB = 0.033mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Back, PCS1900 Ch. 661, Ant Internal, GPRS

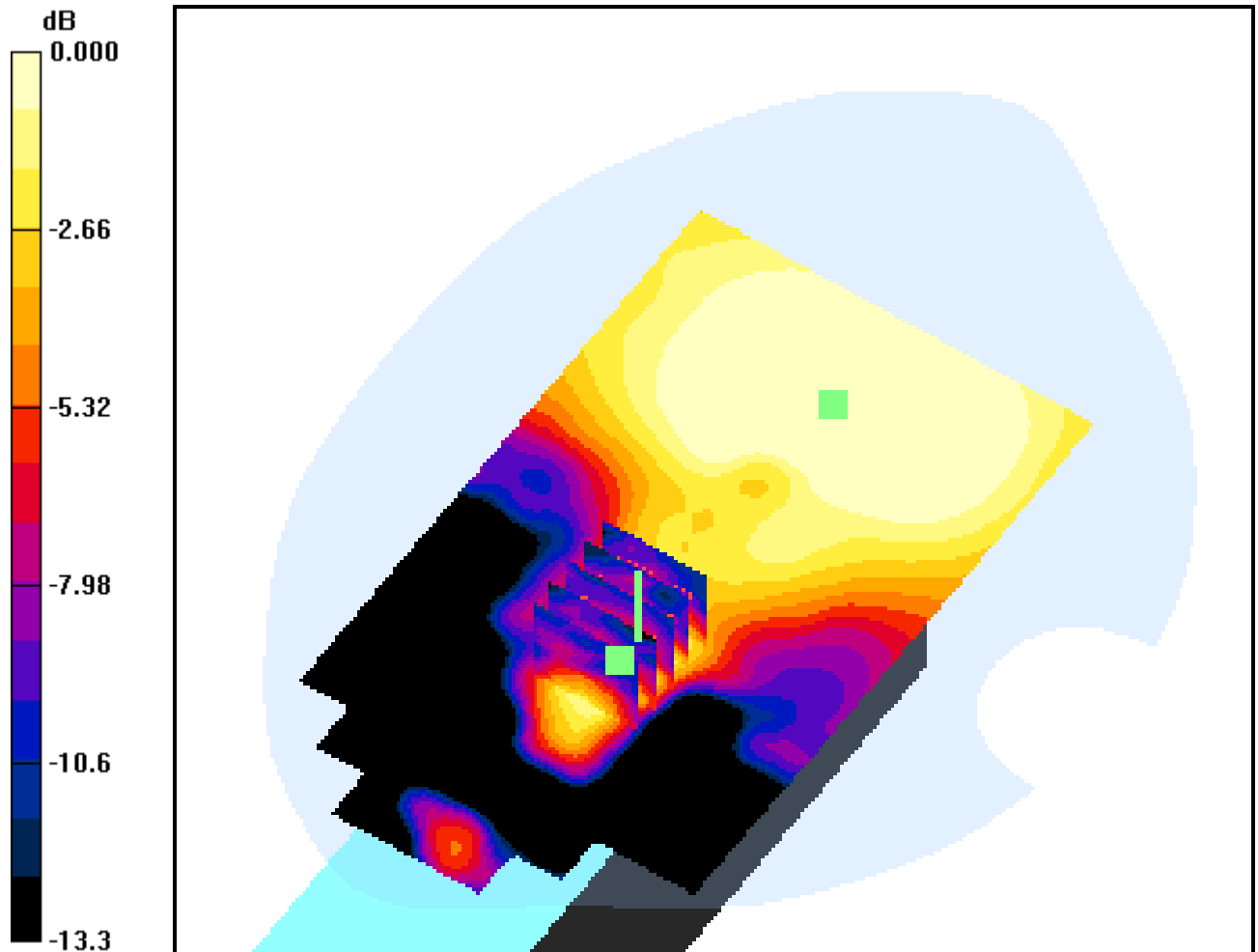
Area Scan (81x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.027 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00842 mW/g



0 dB = 0.019mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Top, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

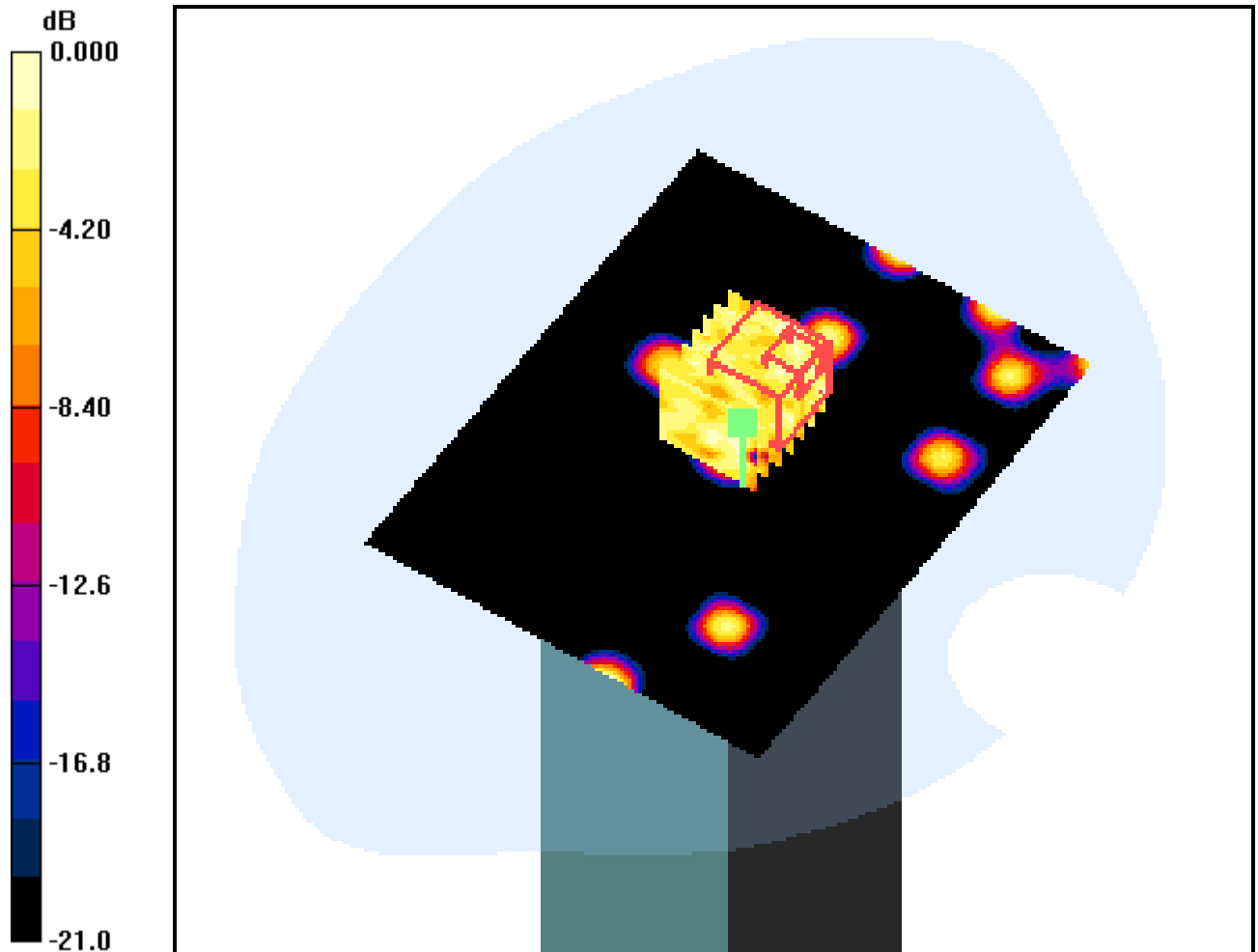
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.006 W/kg

SAR(1 g) = 0.00136 mW/g; SAR(10 g) = 0.000465 mW/g



0 dB = 0.004mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Bottom, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

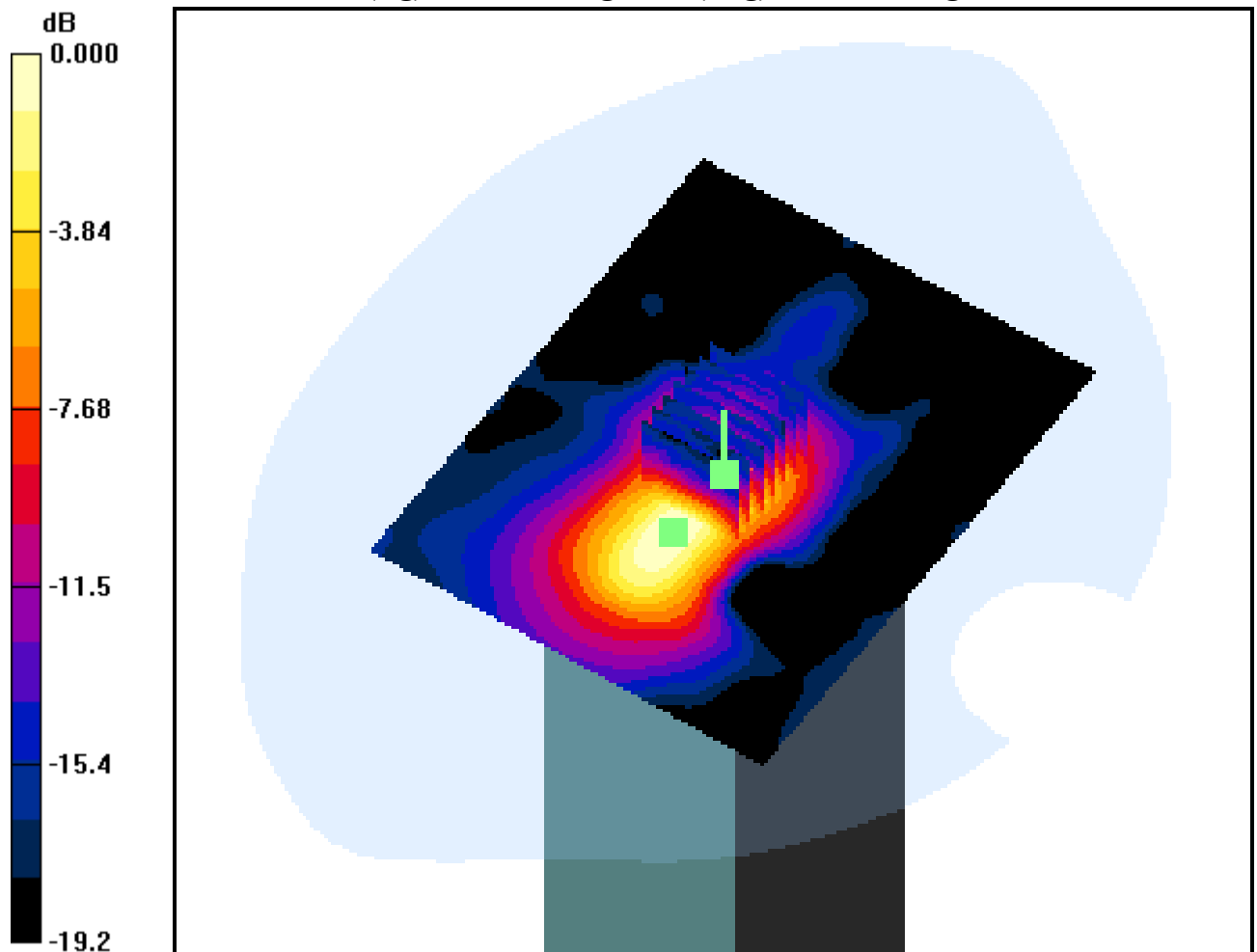
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.051 mW/g



0 dB = 0.156mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Bottom, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

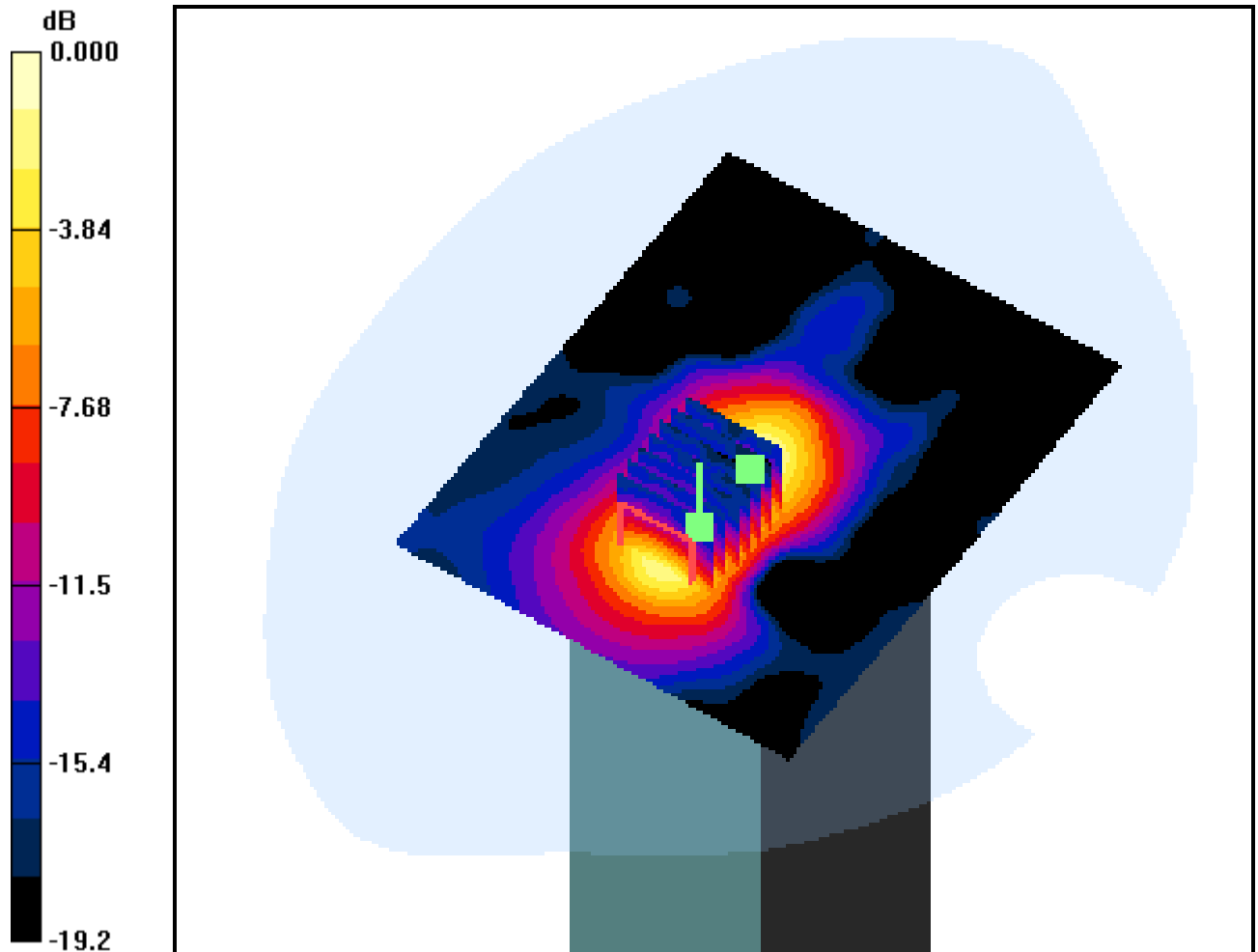
Area Scan (81x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.047 mW/g



0 dB = 0.148mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Horizontal Up, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

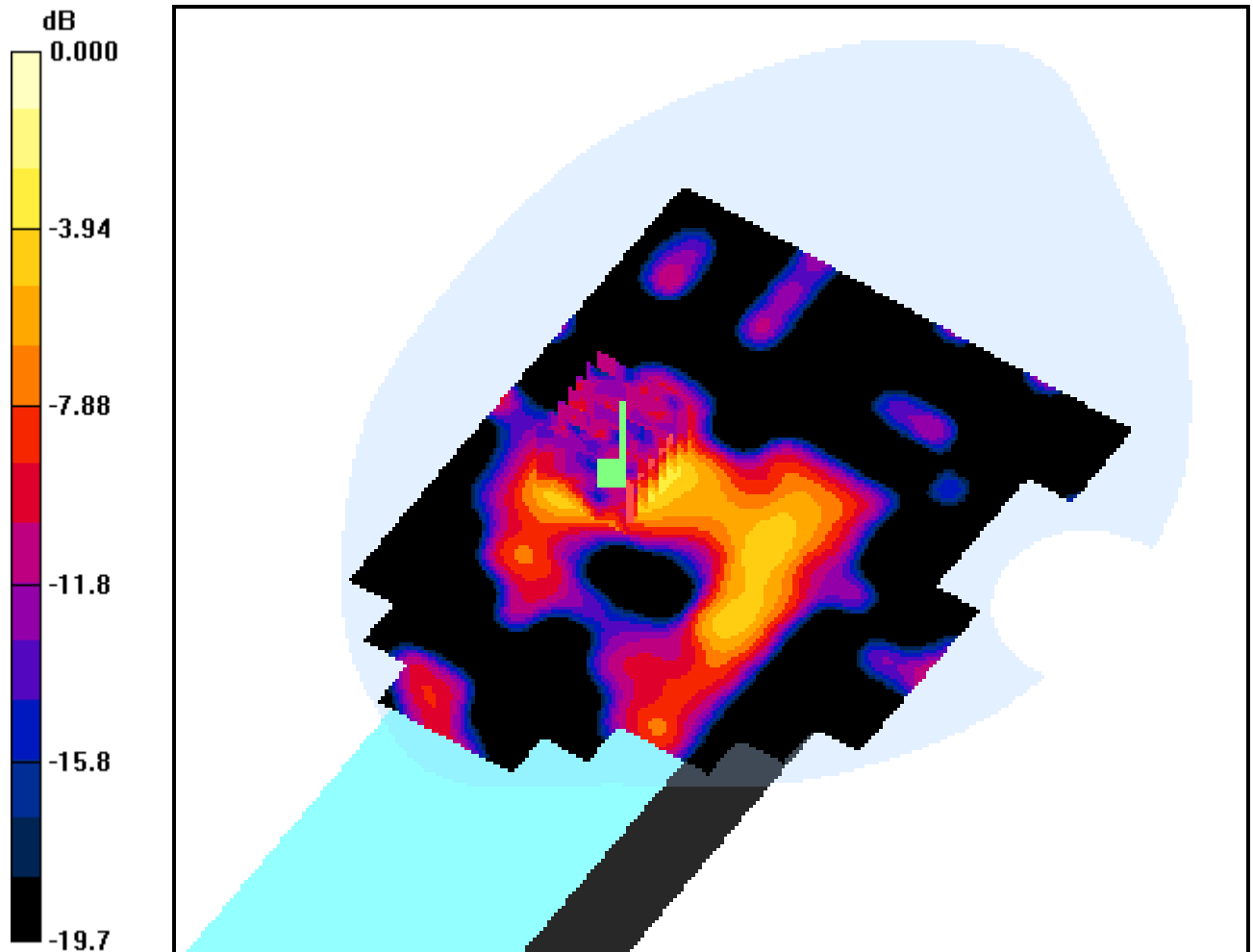
Area Scan (101x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.315 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.036mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Horizontal Down, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

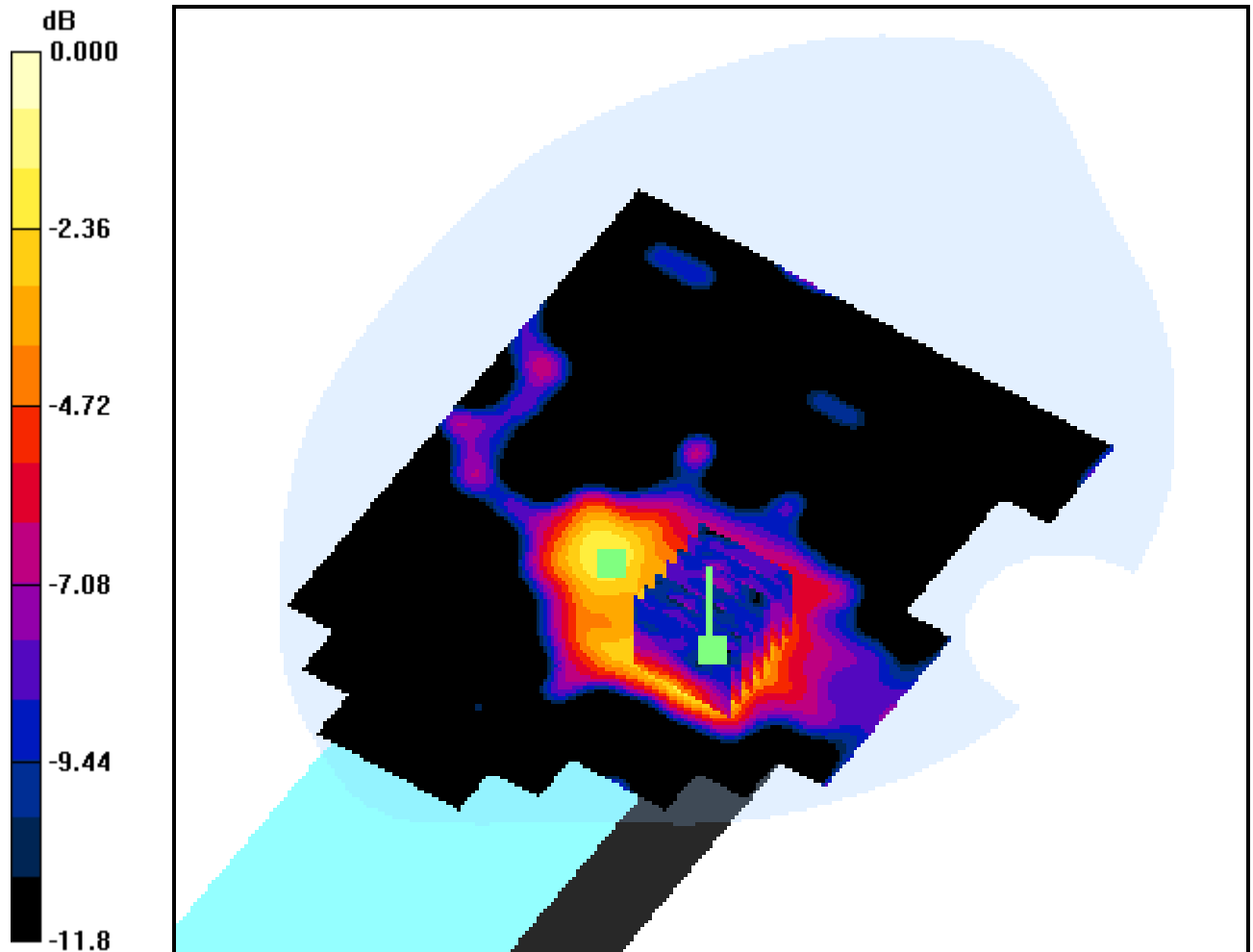
Area Scan (101x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.275 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.027mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Horizontal Down, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

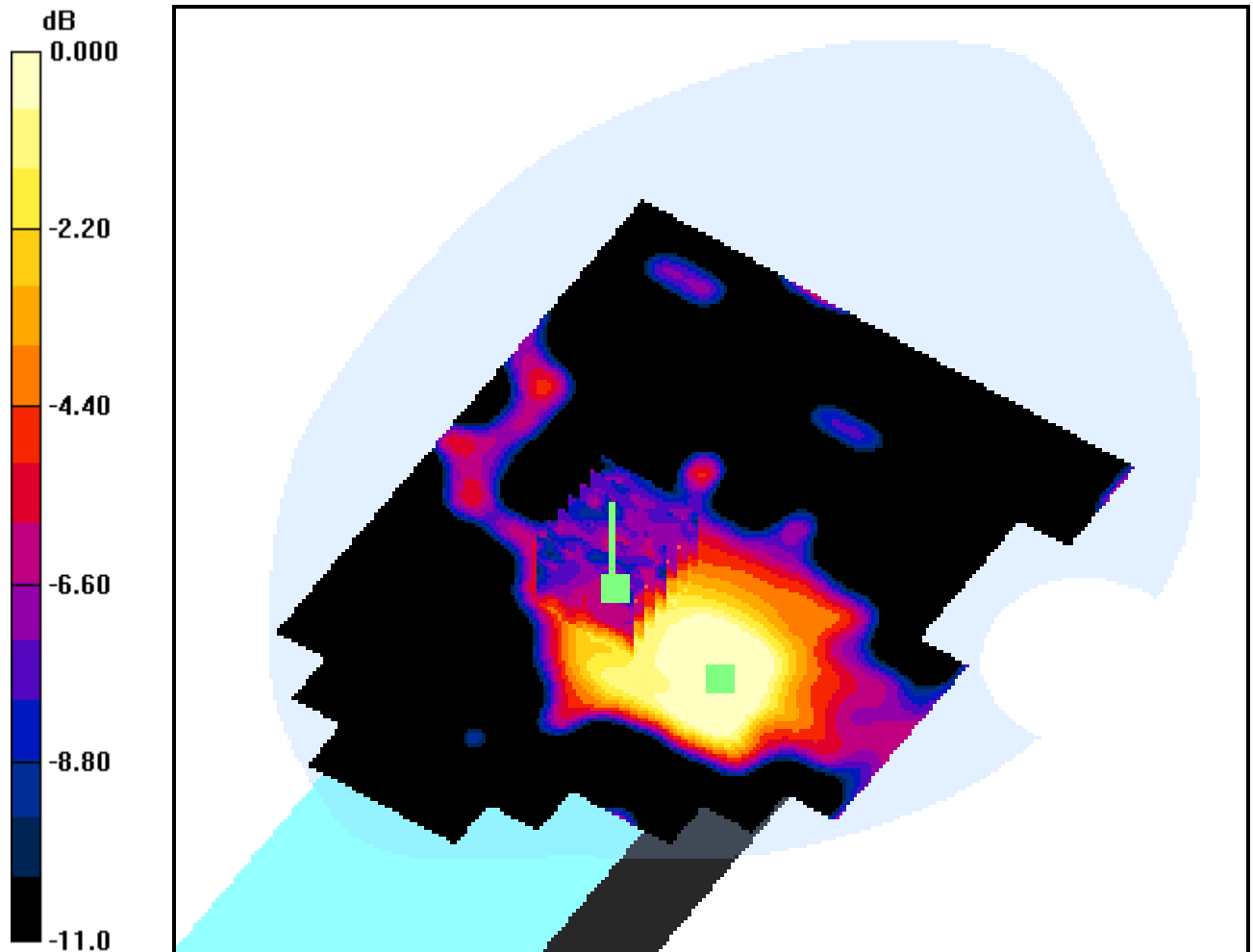
Area Scan (101x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.275 dB

Peak SAR (extrapolated) = 0.037 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.0095 mW/g



0 dB = 0.018mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Vertical Front, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

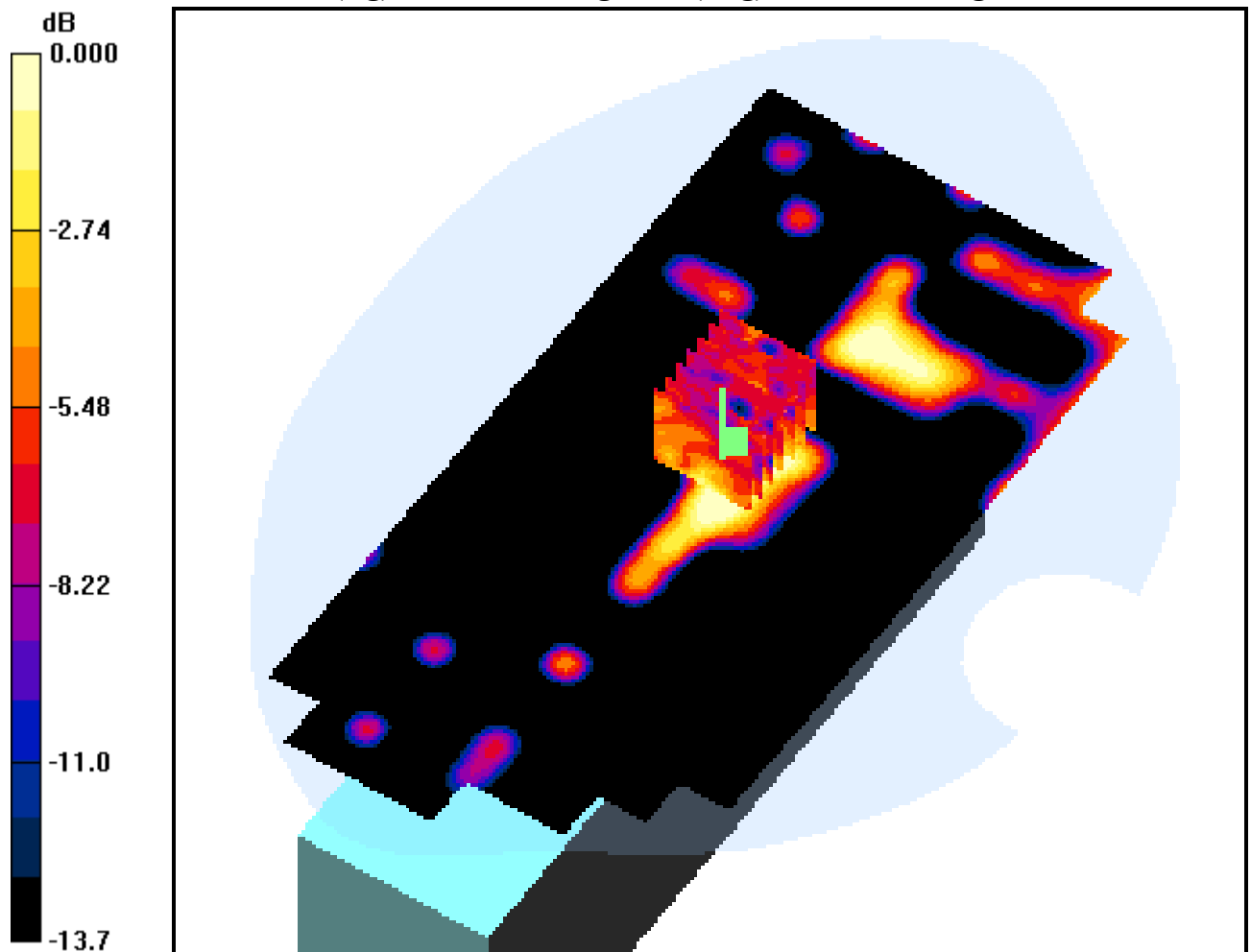
Area Scan (81x171x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.204 dB

Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.00838 mW/g; SAR(10 g) = 0.00381 mW/g



0 dB = 0.012mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Vertical Back, W-LAN(802.11b) Ch. Low(2412 MHz), Ant Internal

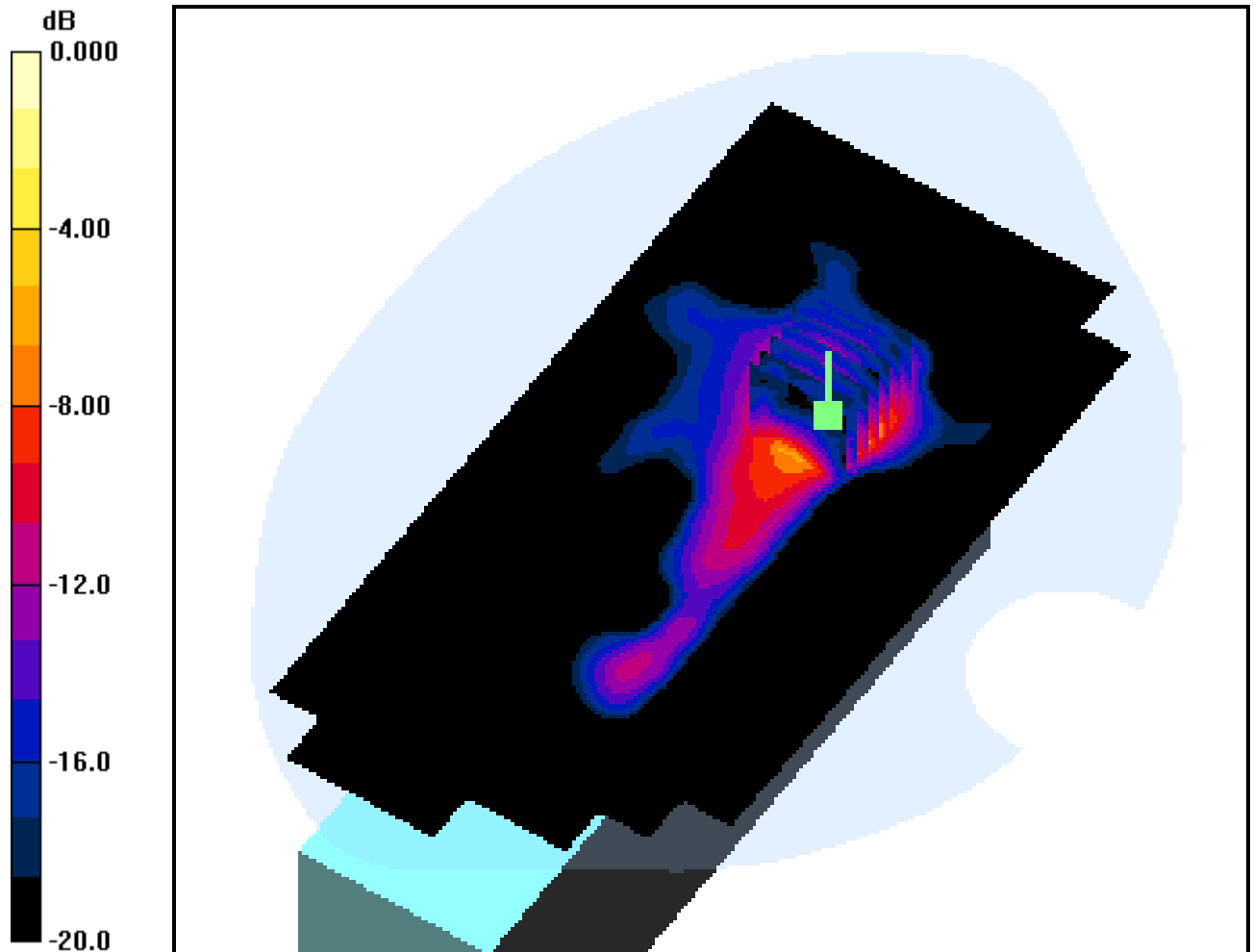
Area Scan (81x171x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.230mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Vertical Back, W-LAN(802.11b) Ch. Mid(2437 MHz), Ant Internal

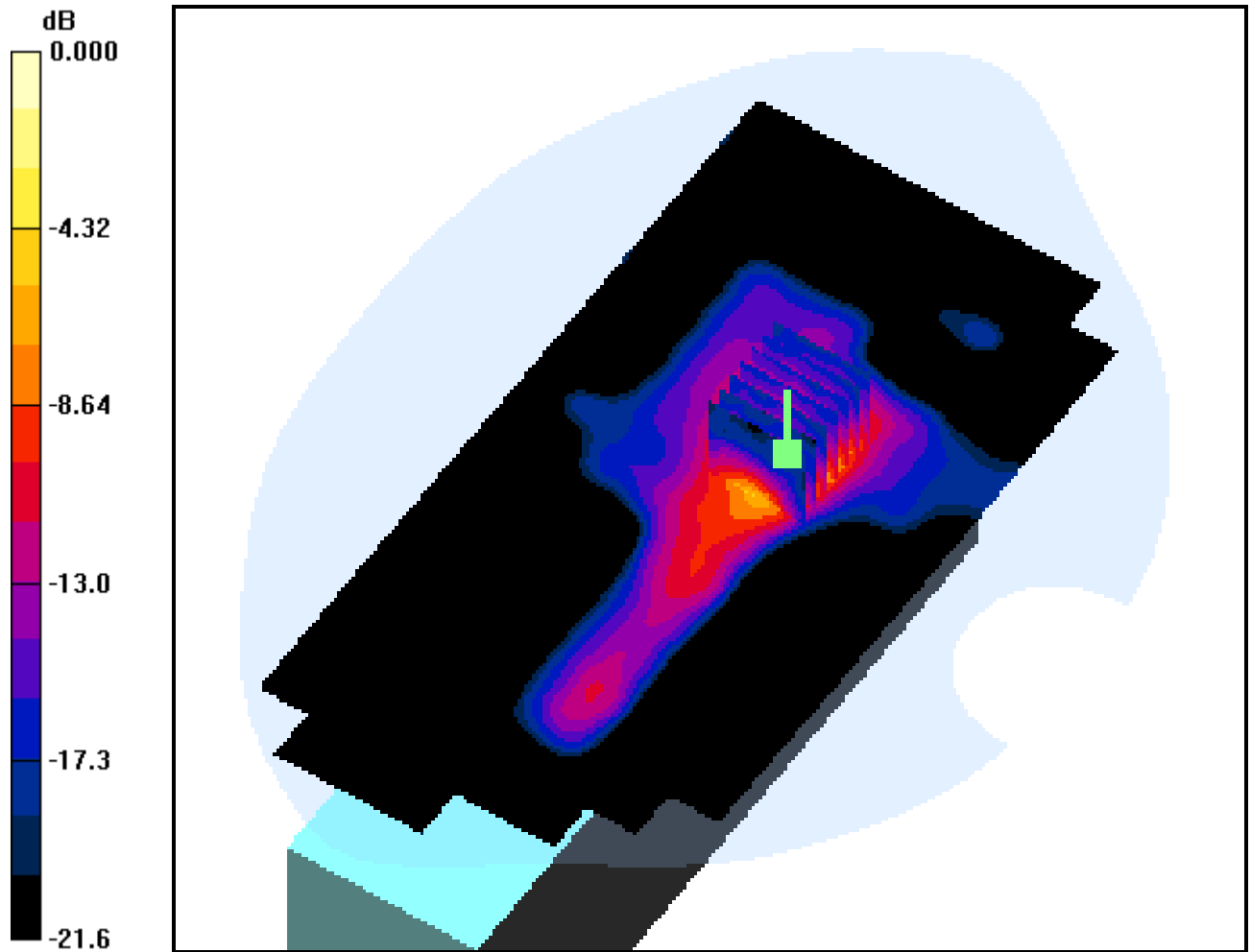
Area Scan (81x171x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.239 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.058 mW/g



0 dB = 0.212mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.06 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Vertical Back, W-LAN(802.11b) Ch. High(2462 MHz), Ant Internal

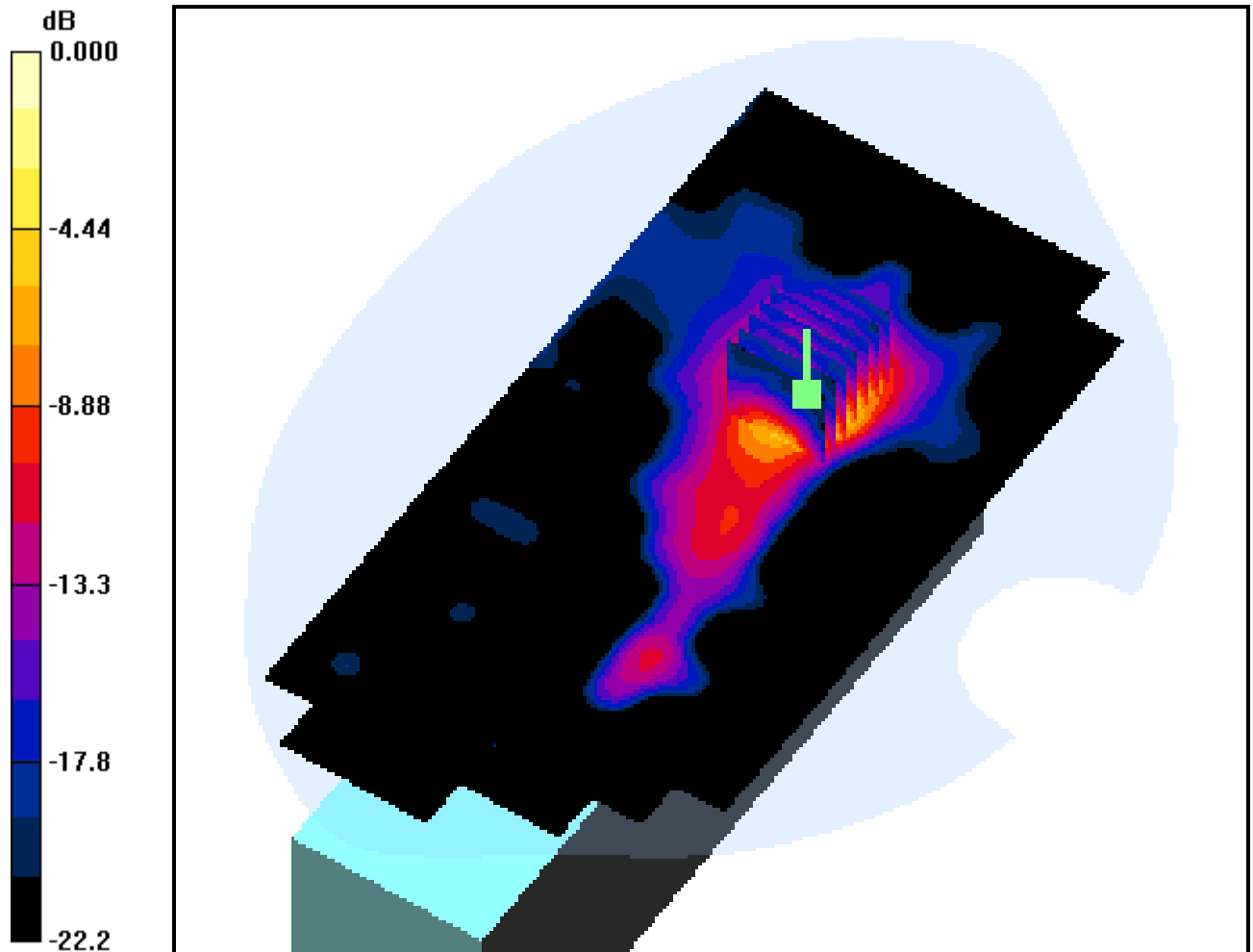
Area Scan (81x171x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.077 mW/g



0 dB = 0.290mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.06 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body Vertical Back, W-LAN(802.11b) + BT on, Ch. High(2462 MHz), Ant Internal

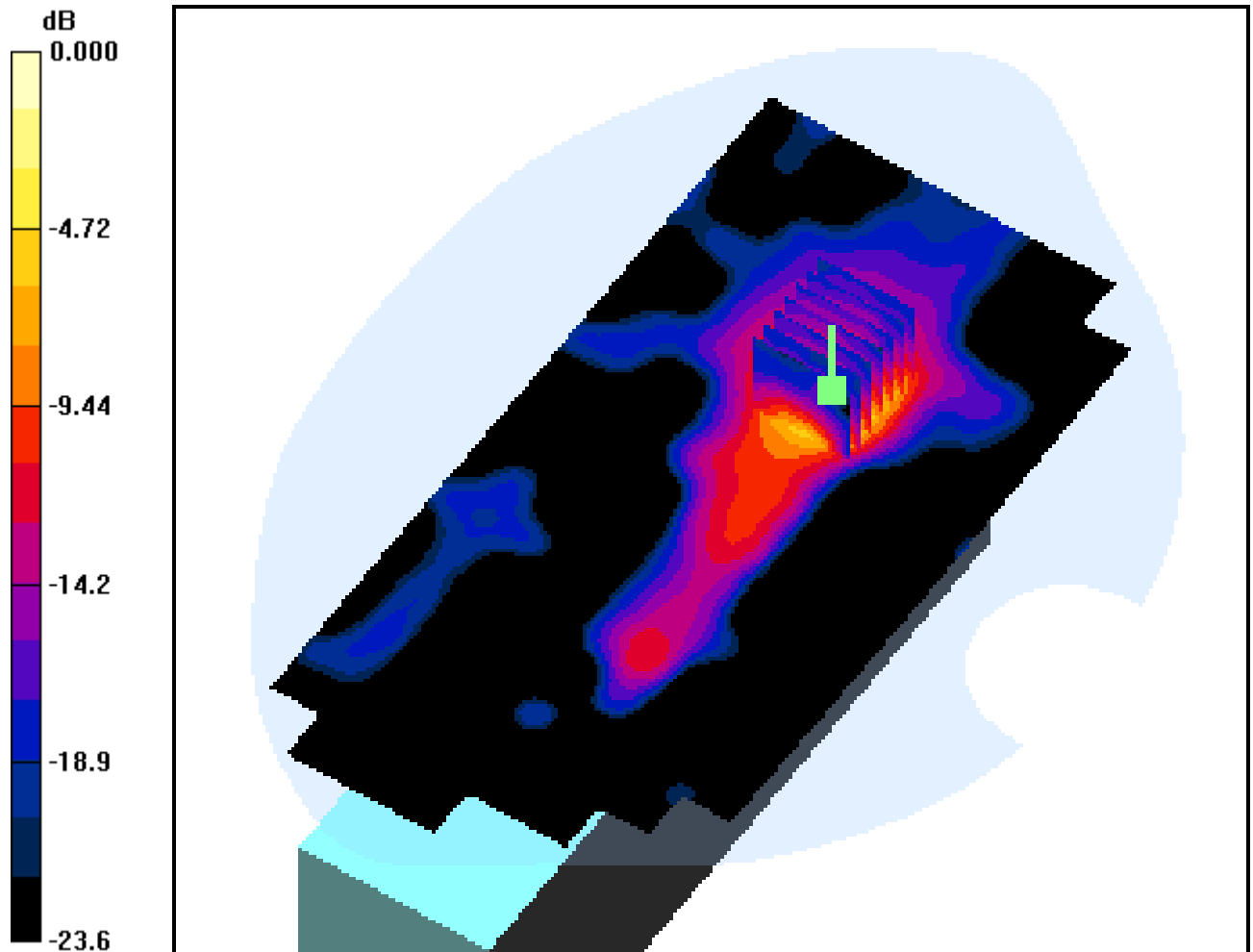
Area Scan (81x171x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.216 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.077 mW/g



0 dB = 0.292mW/g

DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.31, 9.31, 9.31); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Vertical Front, GSM850 Ch. 190, Ant Internal, GPRS

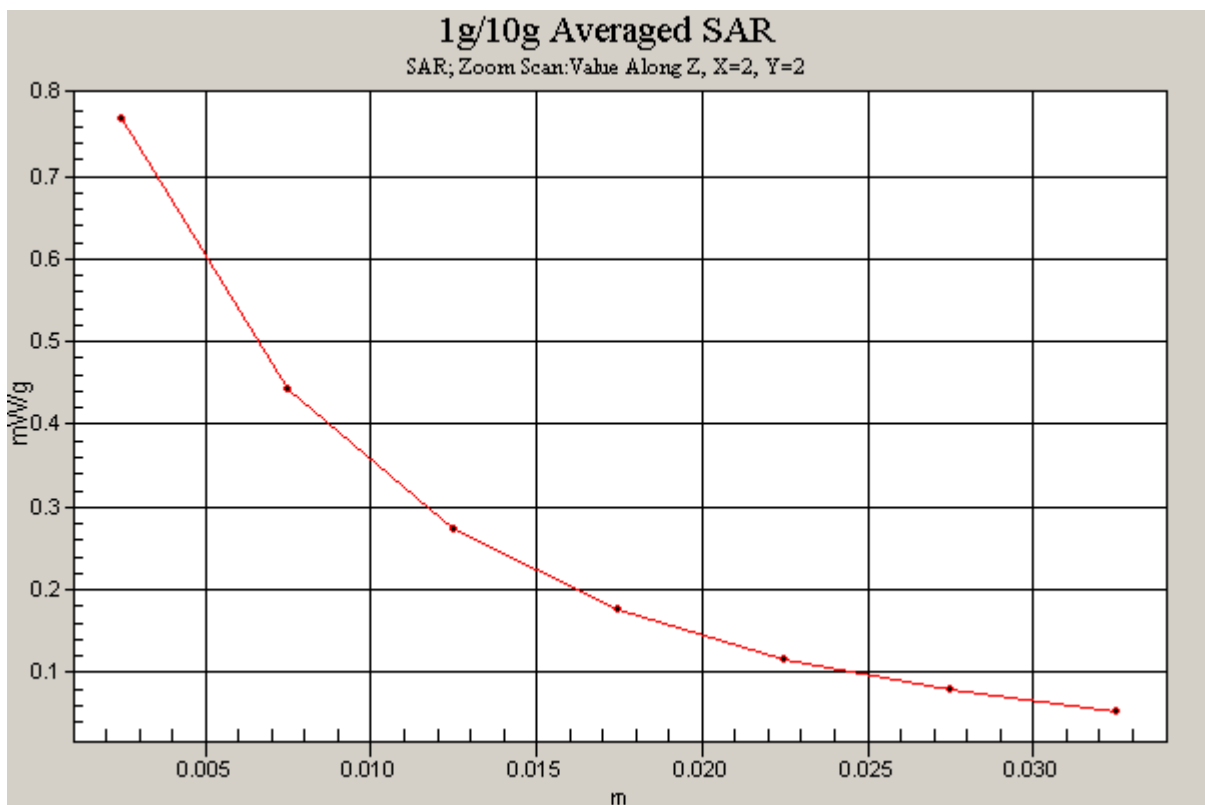
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.336 mW/g



DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.59, 7.59, 7.59); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-23; Ambient Temp: 22.0; Tissue Temp: 23.0

Touch from Body, Vertical Front, PCS1900 Ch. 512, Ant Internal, GPRS

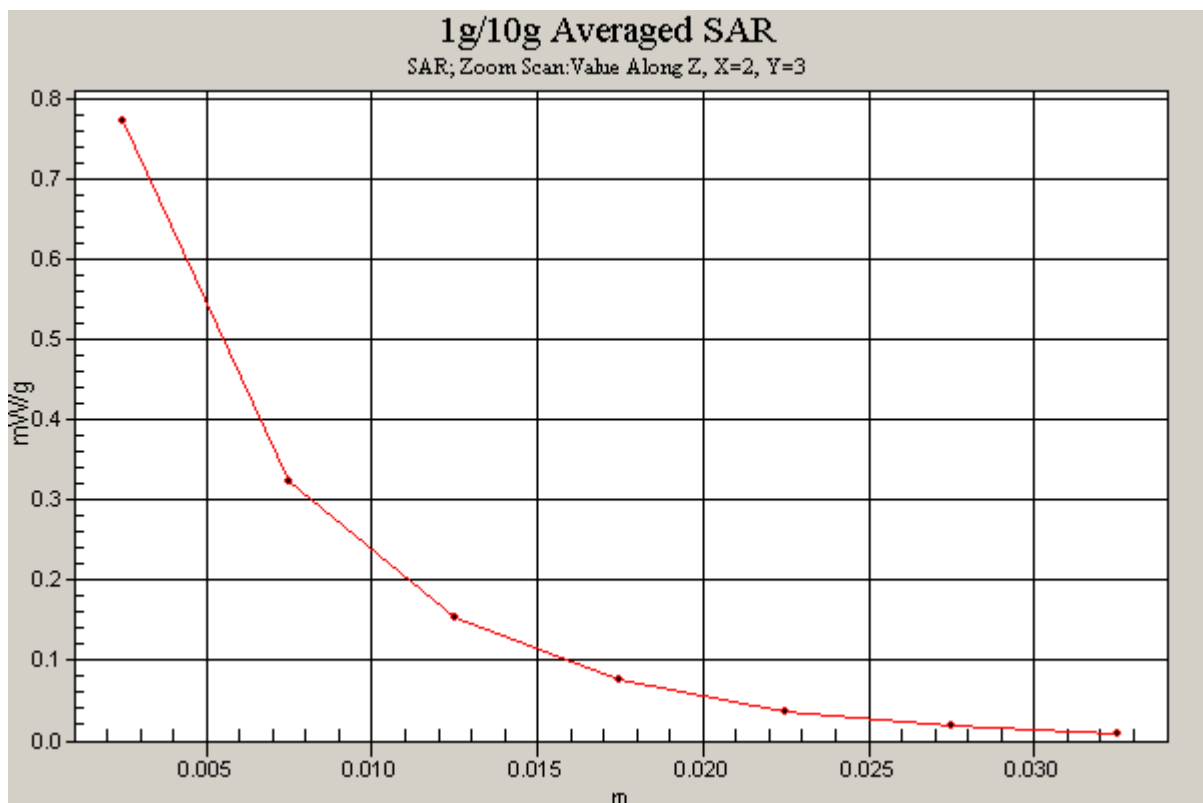
Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.259 mW/g



DIGITAL EMC CO., LTD

DUT: D3-POS; Type: Bar Type

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.06 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-19; Ambient Temp: 22.0; Tissue Temp: 23.0

Body, Vertical Back, W-LAN(802.11b) + BT on, Ch. High(2462 MHz), Ant Internal

Area Scan (81x171x1): 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 = -0.216 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.077 mW/g

