

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; $\sigma = 1.84$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.92, 6.92, 6.92); Calibrated: 2009-01-14; Electronics: DAE3 Sn519

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

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

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

Dipole Validation

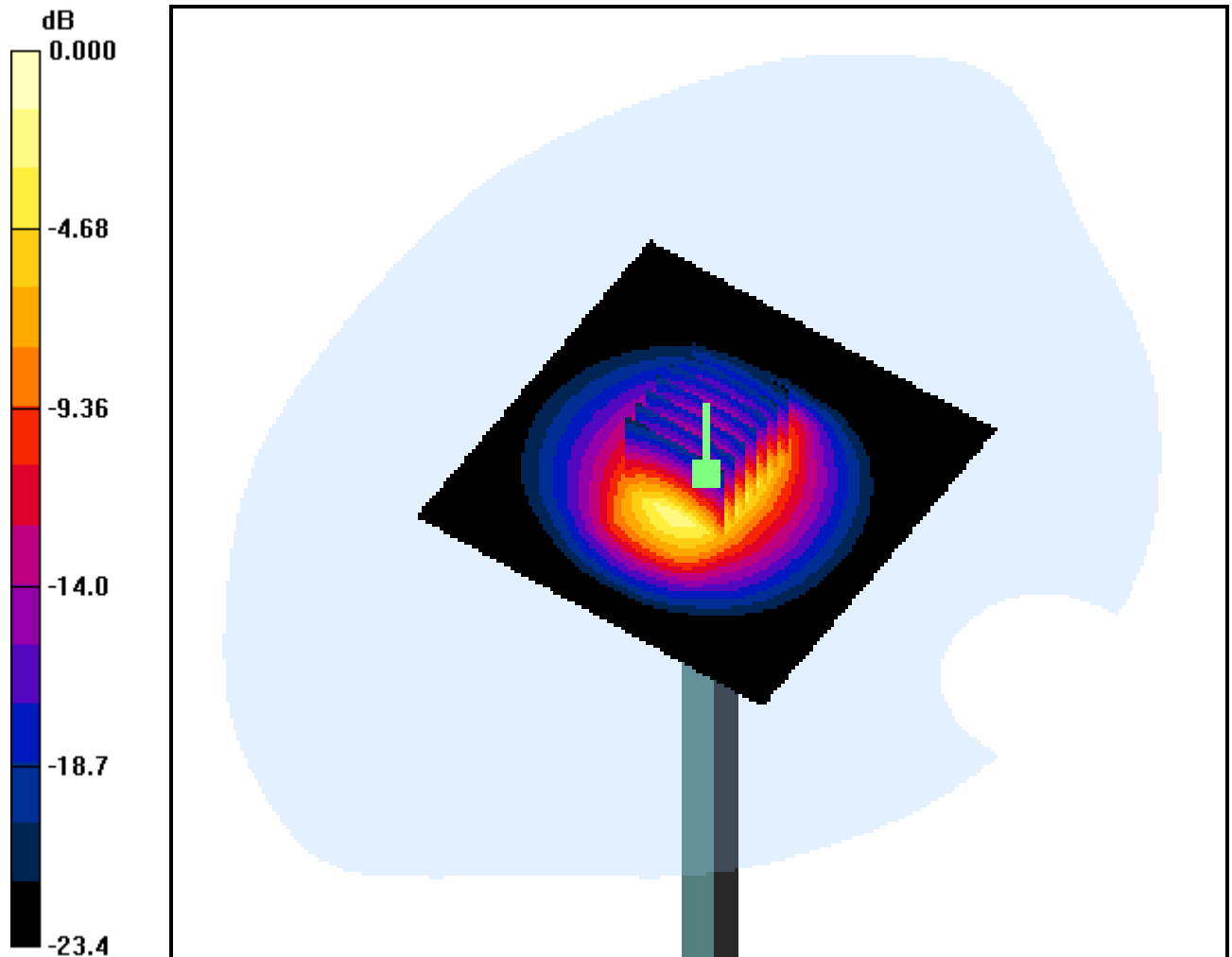
Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.048 dB

Peak SAR (extrapolated) = 29.2 W/kg

SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.04 mW/g



0 dB = 14.9mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2441MHz Ch.40, B/T Mode, ANT 1

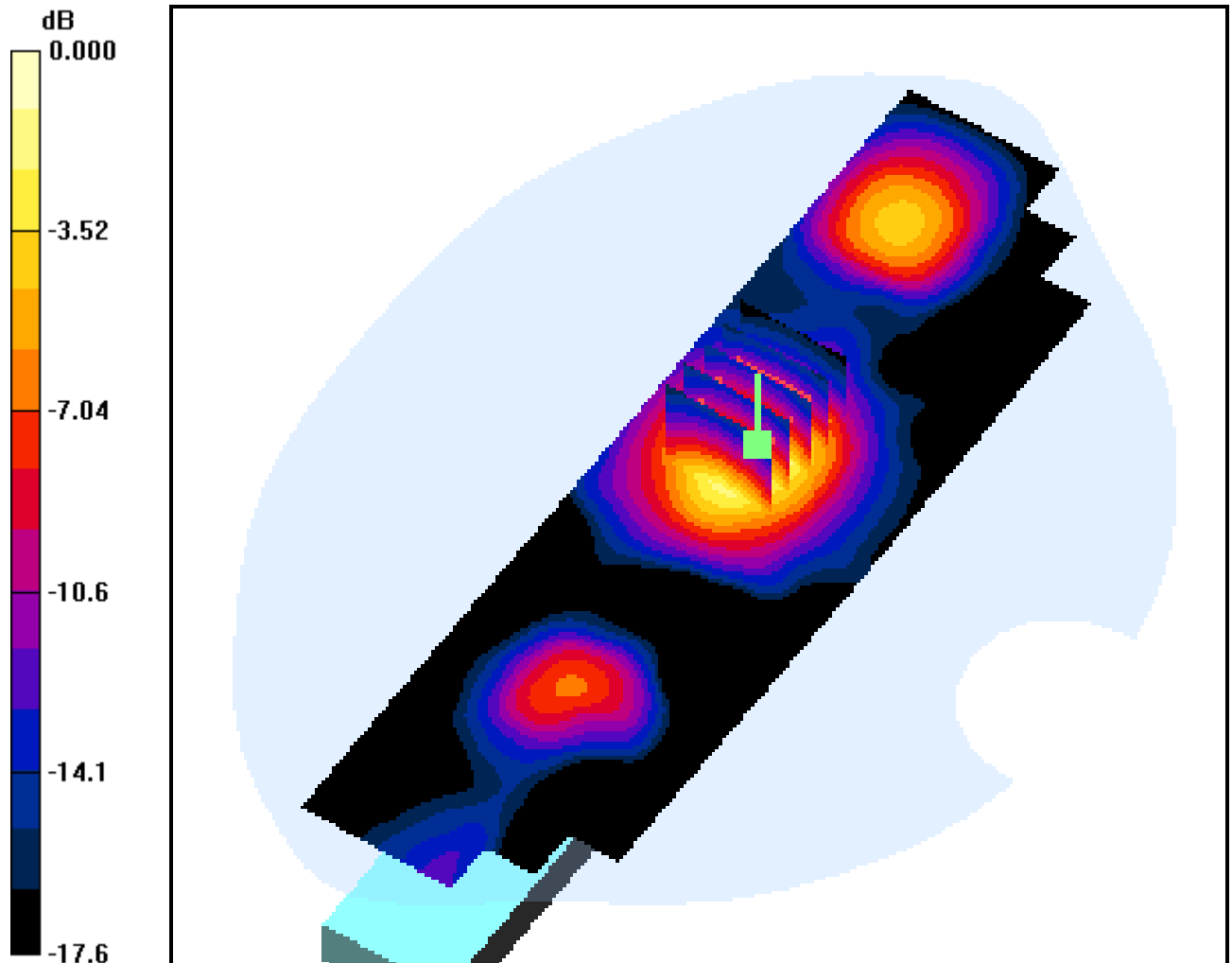
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.207 mW/g



0 dB = 0.519mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2402MHz Ch.1, B/T Mode, ANT 1

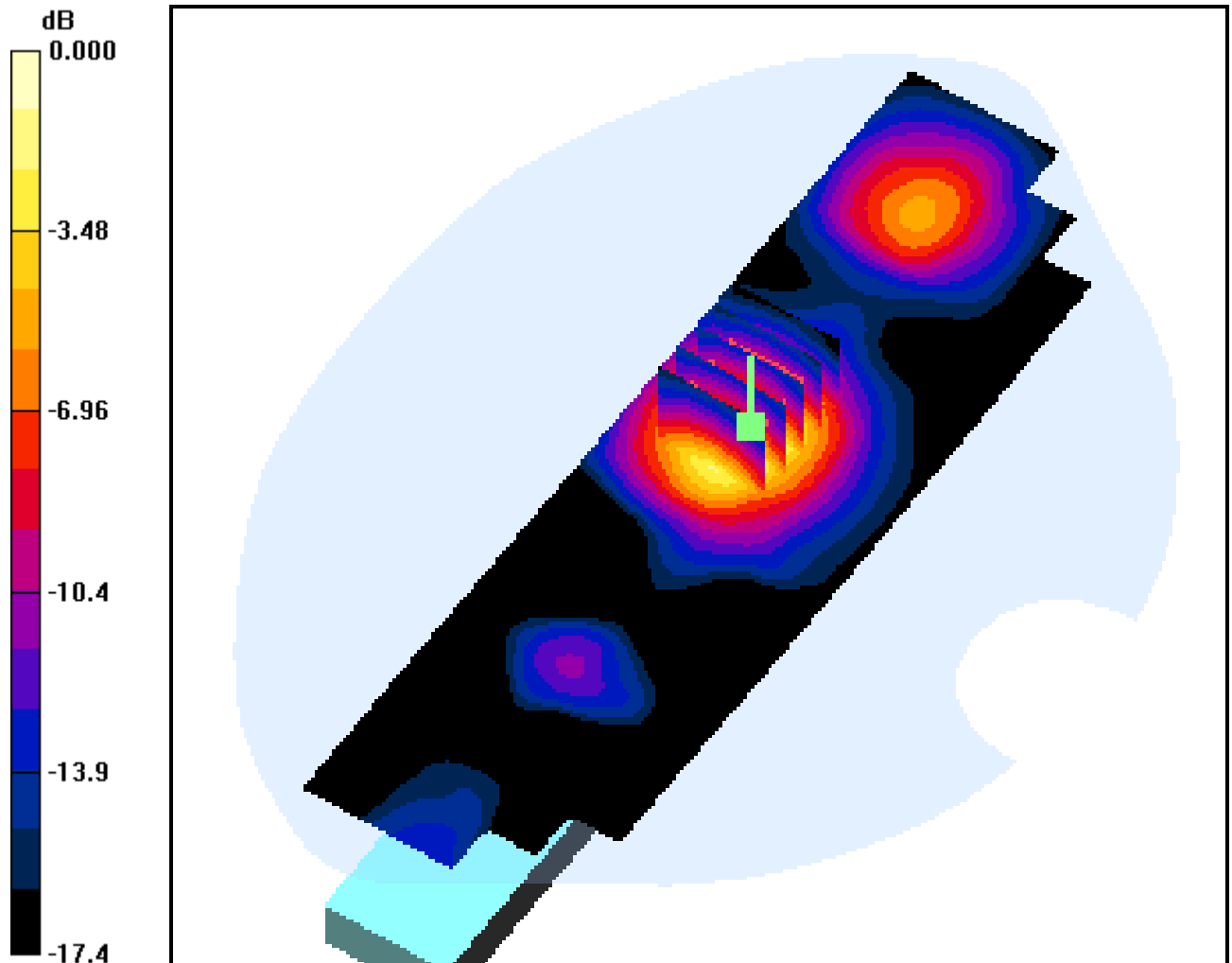
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.218 mW/g



0 dB = 0.543mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2441MHz Ch.40, B/T Mode, ANT 1

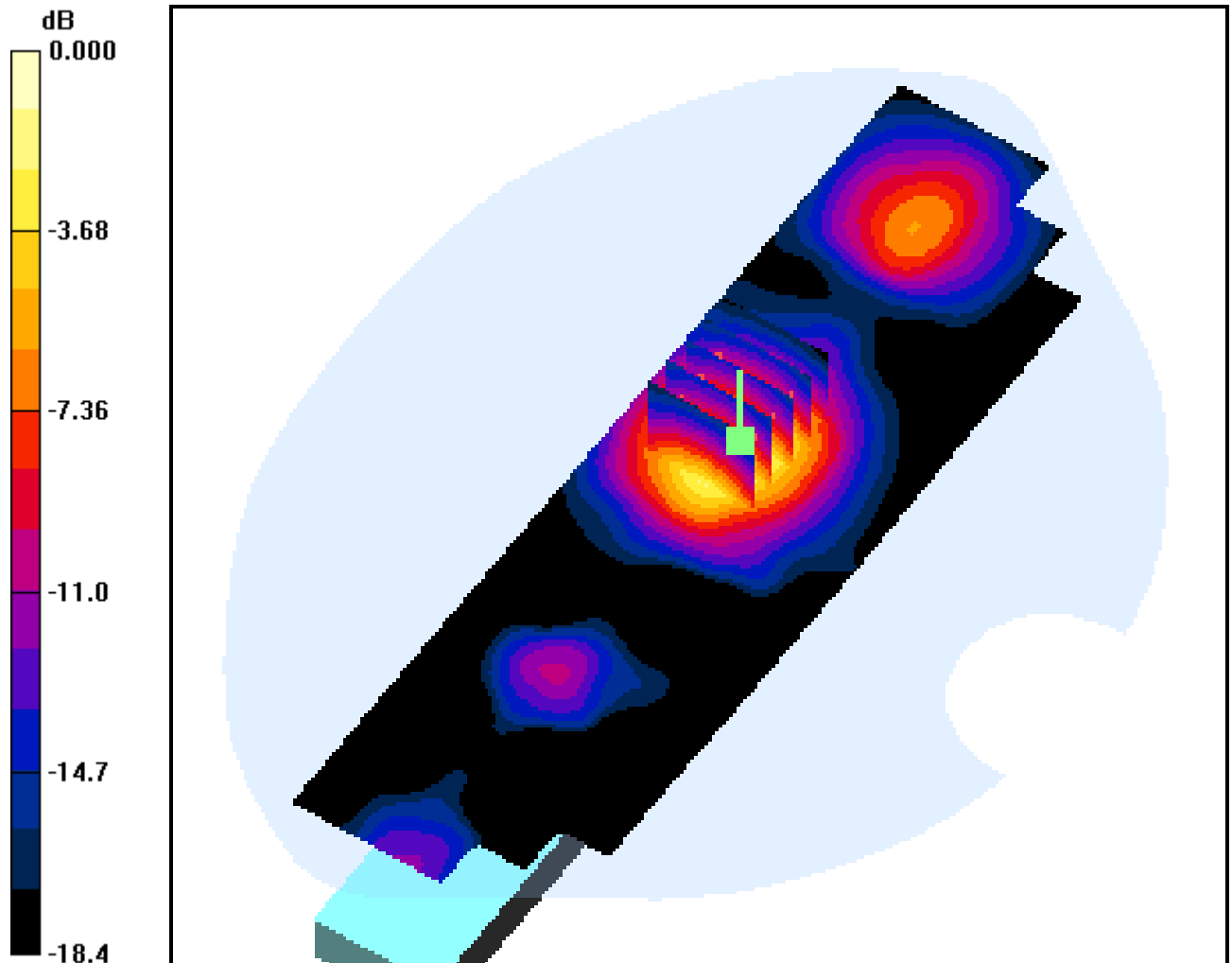
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.250 mW/g



0 dB = 0.642mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2480MHz Ch.79, B/T Mode, ANT 1

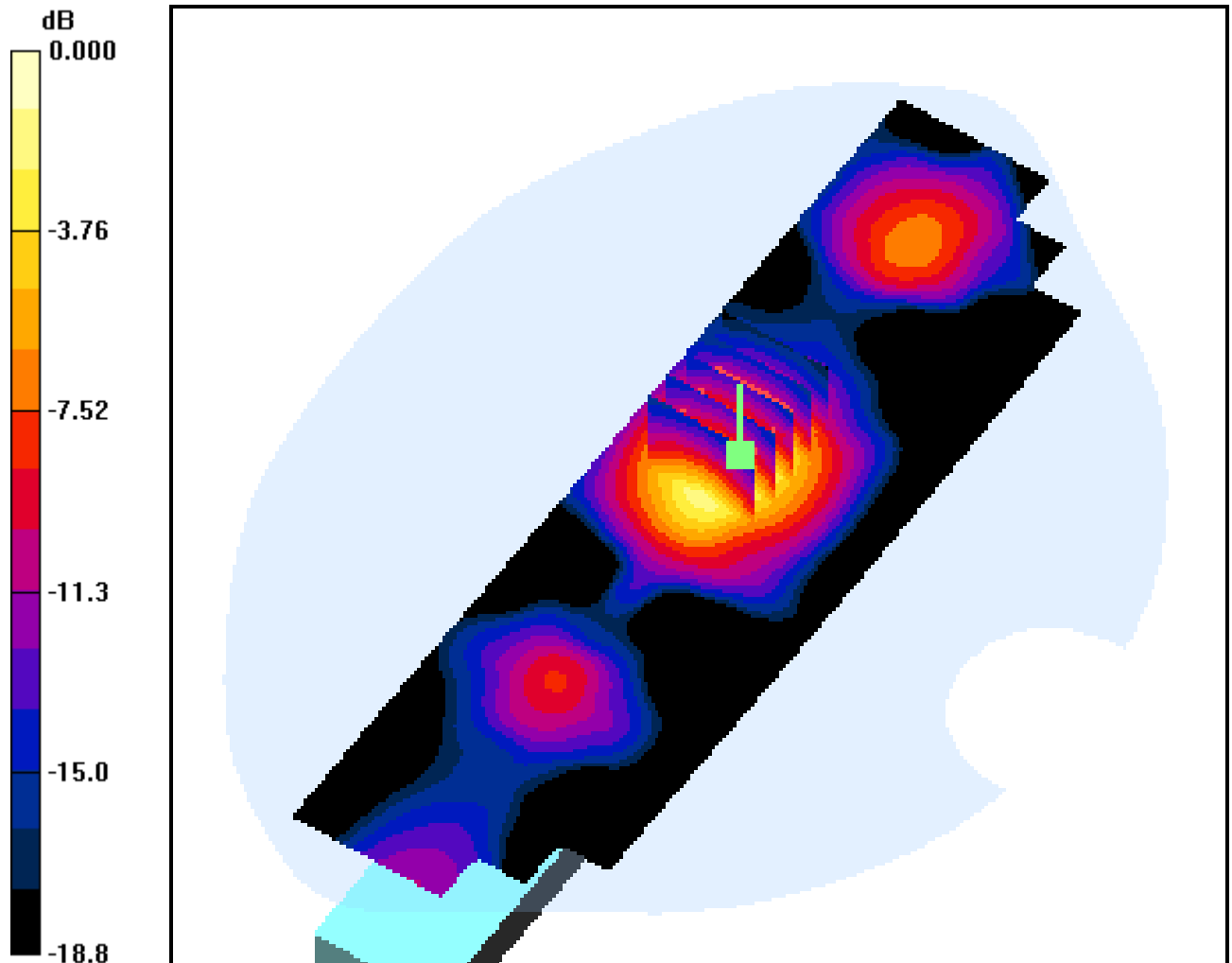
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.194 mW/g



0 dB = 0.483mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

9mm from Body, Vertical Front, Freq=2441MHz Ch.40, B/T Mode, ANT 1

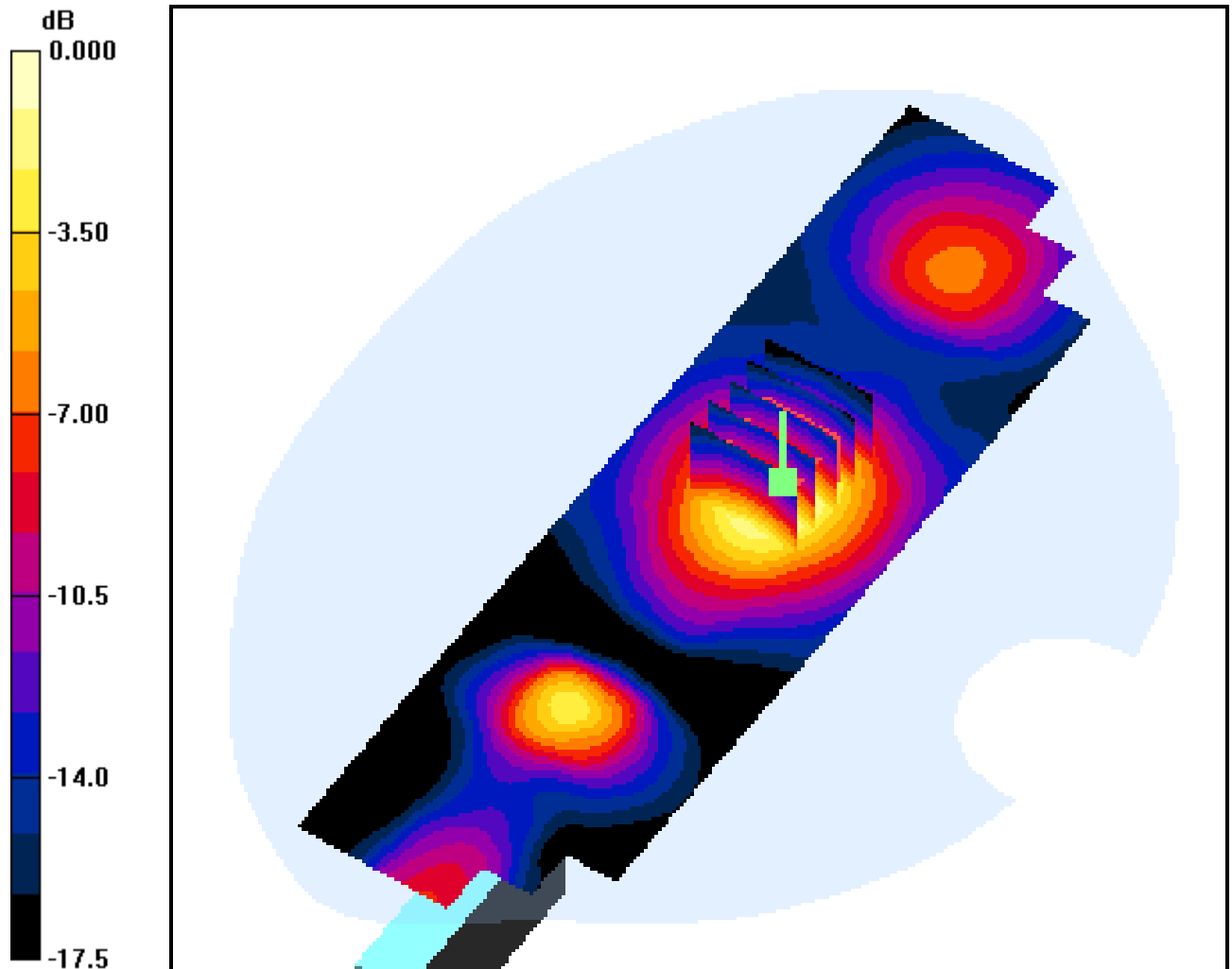
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.149 mW/g



0 dB = 0.363mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

14mm from Body, Vertical Back, Freq=2441MHz Ch.40, B/T Mode, ANT 1

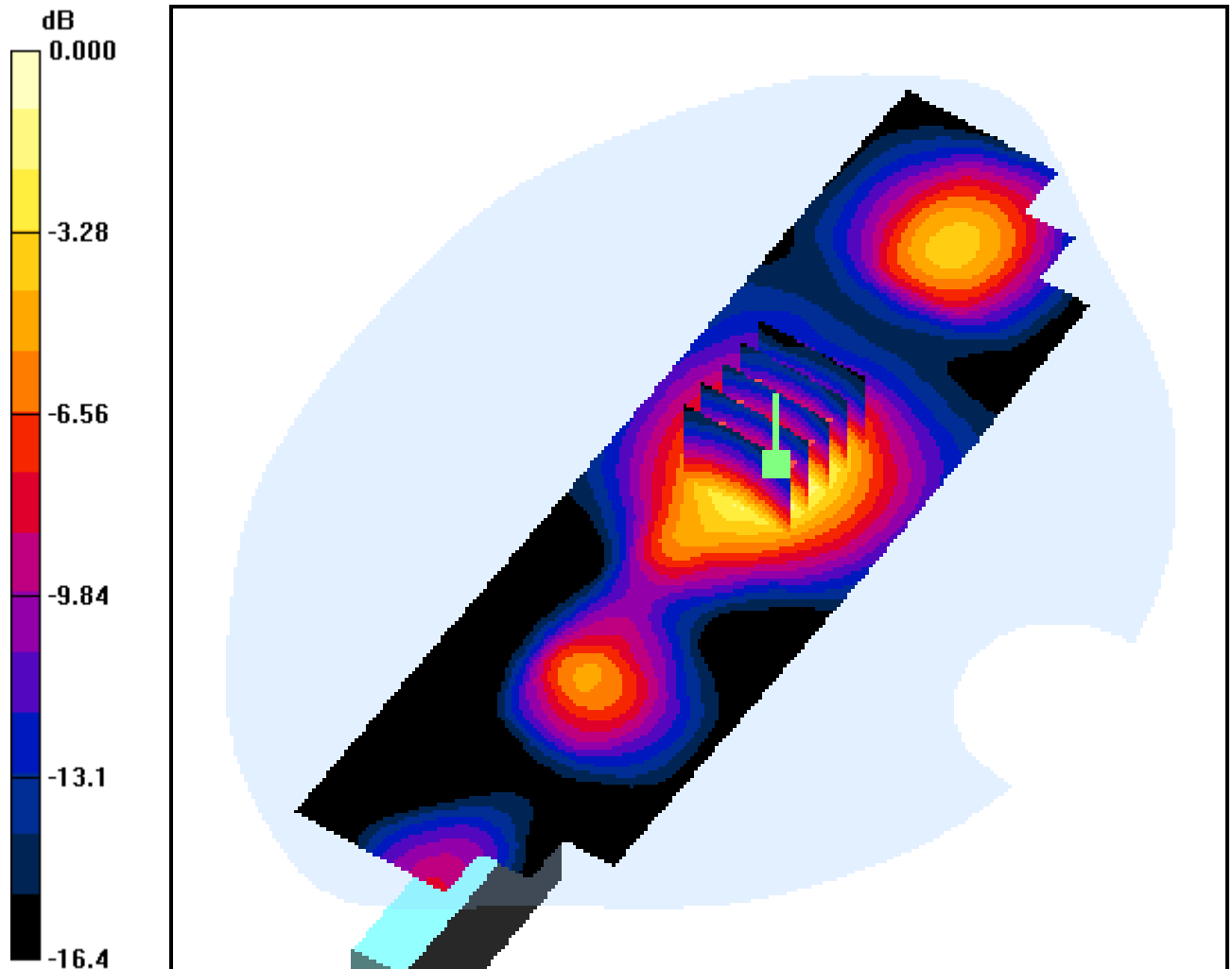
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.125 mW/g



0 dB = 0.303mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Top, Freq=2441MHz Ch.40, B/T Mode, ANT 1

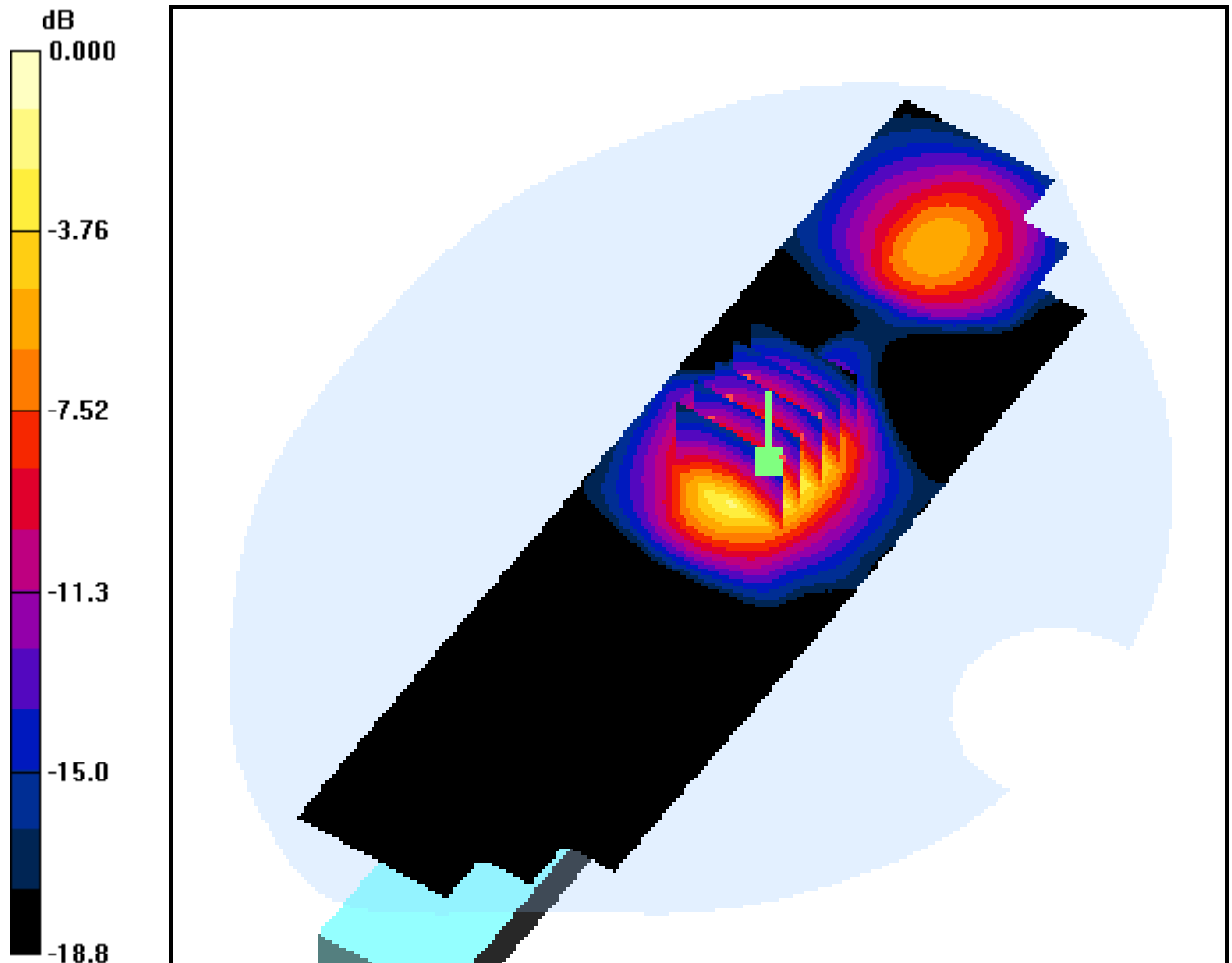
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.874 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.243 mW/g



0 dB = 0.628mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2402MHz Ch.1, B/T Mode, ANT 2

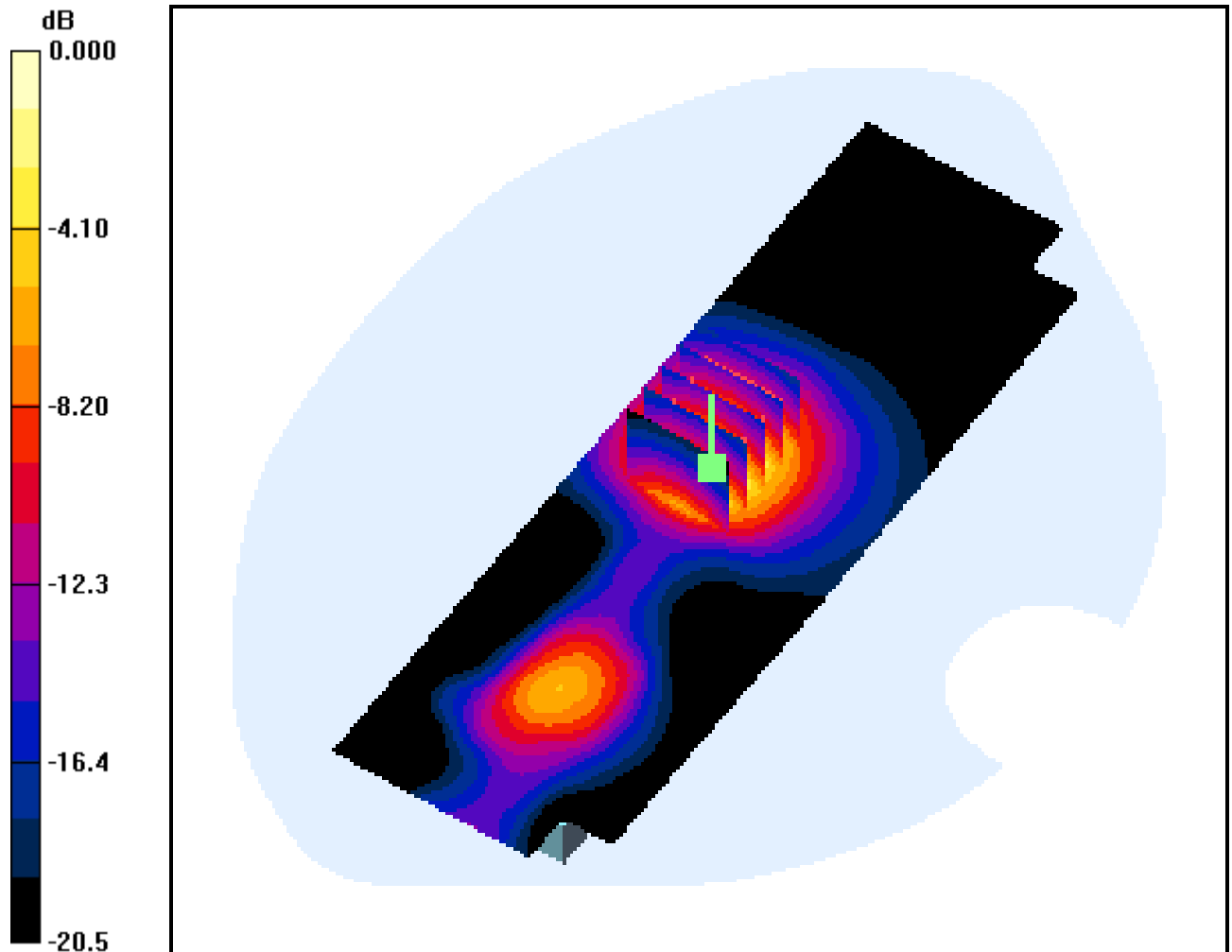
Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.149 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.386 mW/g



0 dB = 1.04mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2441MHz Ch.40, B/T Mode, ANT 2

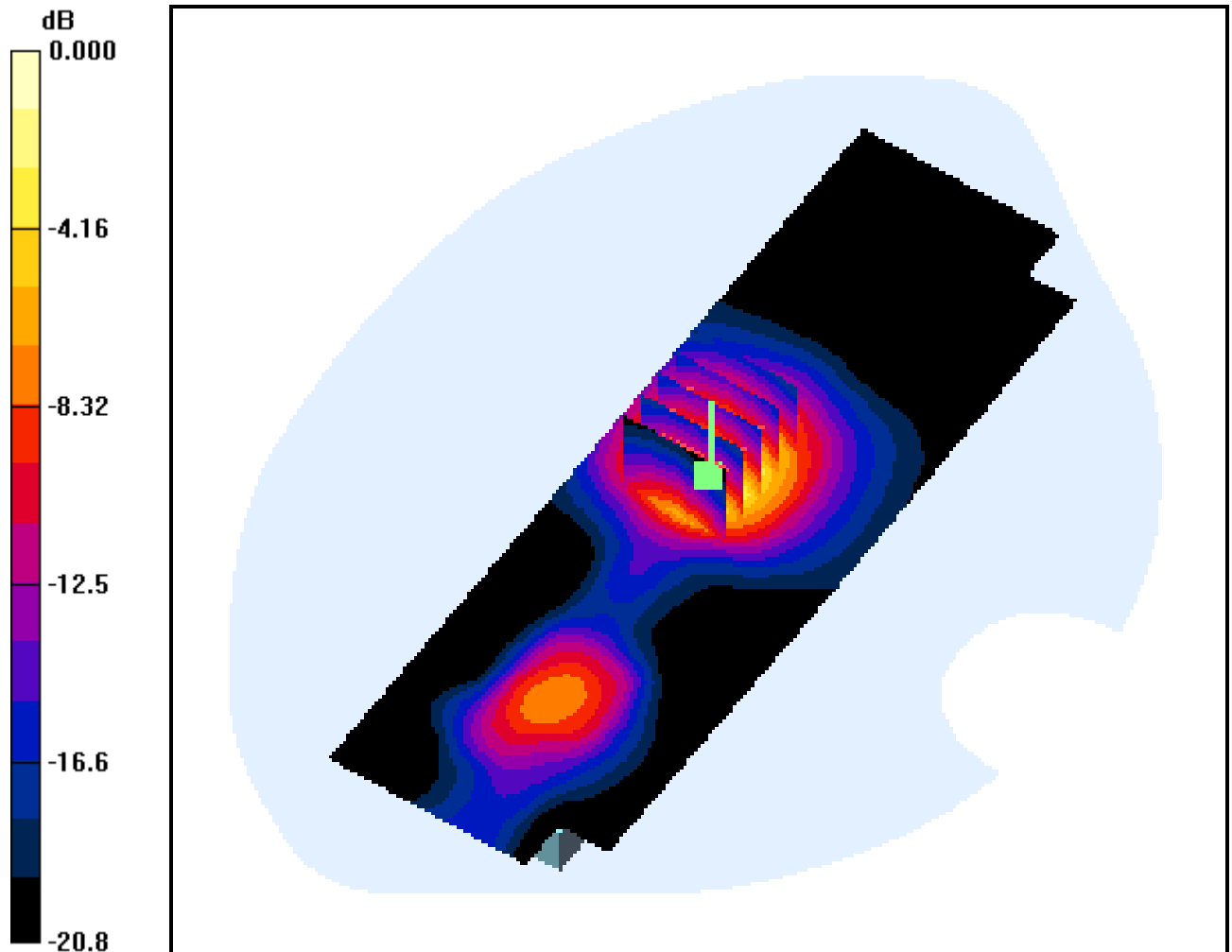
Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.133 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.421 mW/g



0 dB = 1.16mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2480MHz Ch.79, B/T Mode, ANT 2

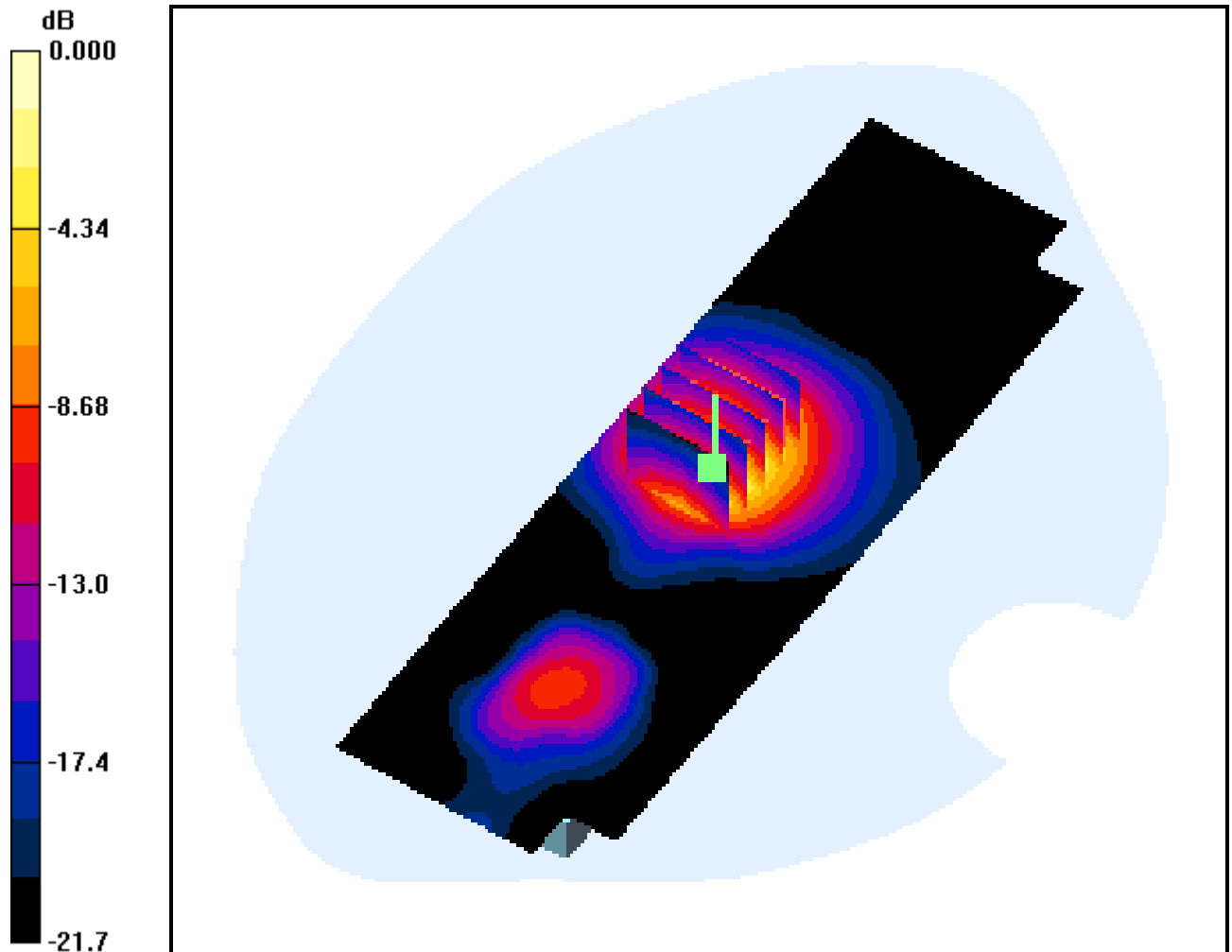
Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.458 mW/g



0 dB = 1.24mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2402MHz Ch.1, B/T Mode, ANT 2

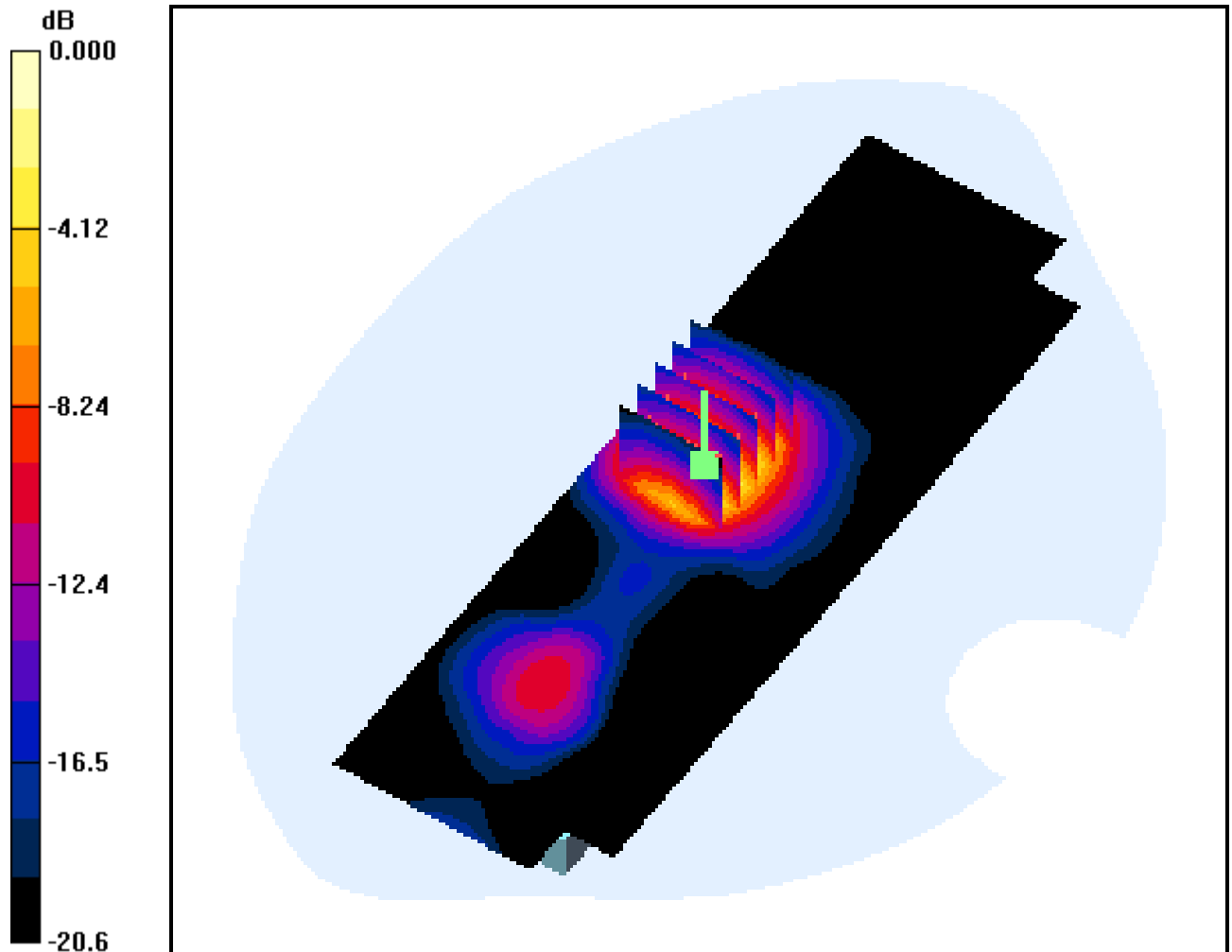
Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.045 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.438 mW/g



0 dB = 1.26mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2441MHz Ch.40, B/T Mode, ANT 2

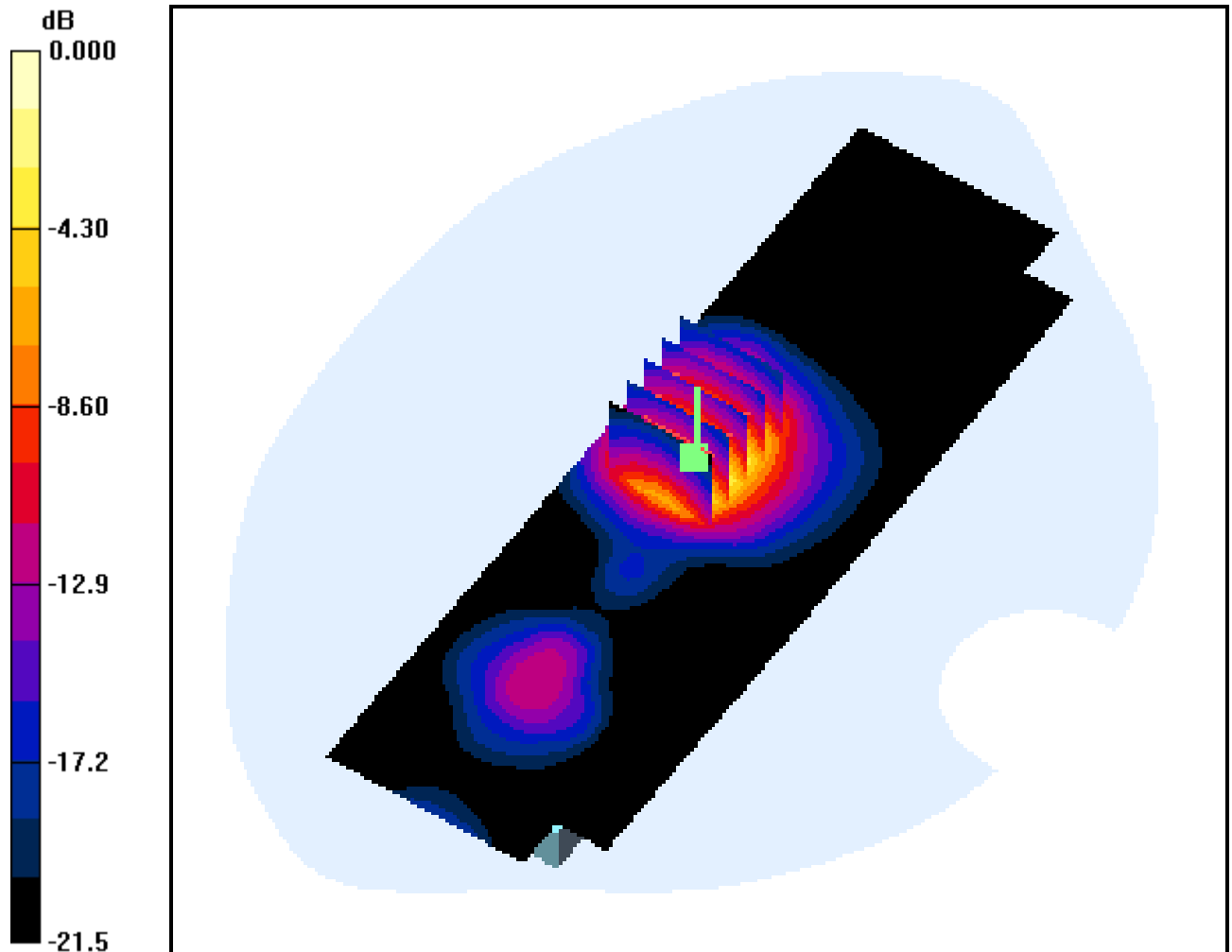
Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.255 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.496 mW/g



0 dB = 1.42mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2480MHz Ch.79, B/T Mode, ANT 2

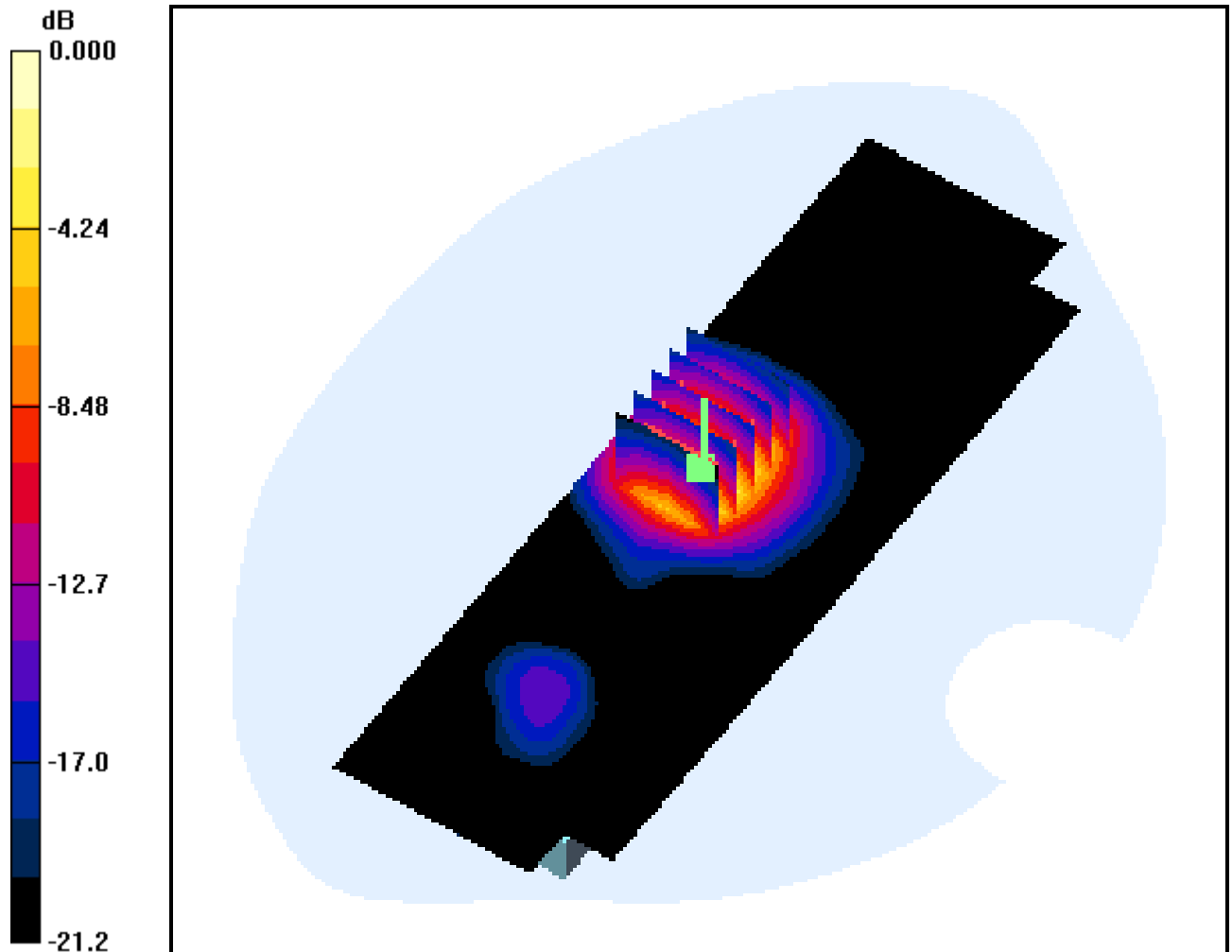
Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.143 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.529 mW/g



0 dB = 1.52mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

9mm from Body, Vertical Front, Freq=2441MHz Ch.40, B/T Mode, ANT 2

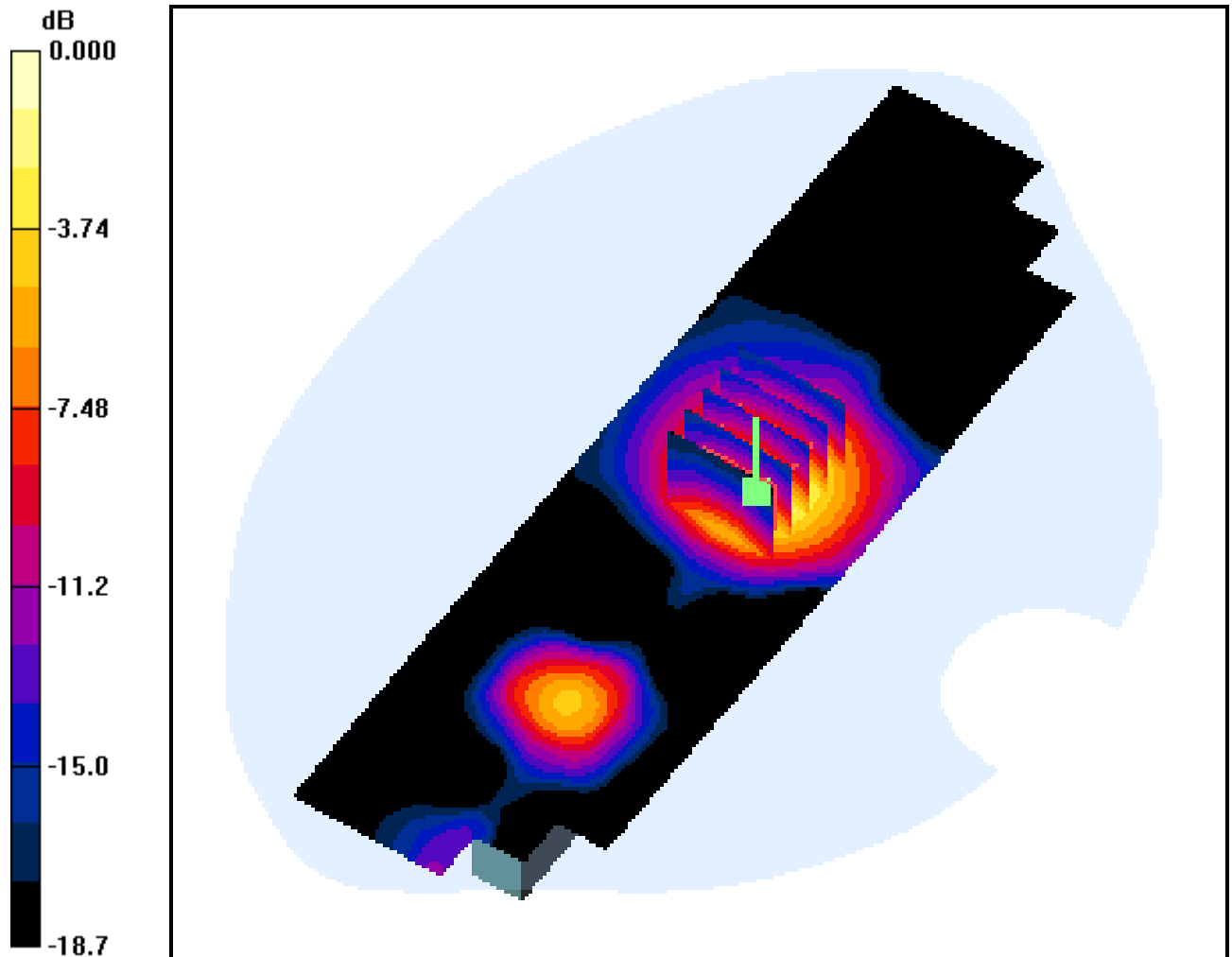
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.241 mW/g



0 dB = 0.601mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

16mm from Body, Vertical Back, Freq=2441MHz Ch.40, B/T Mode, ANT 2

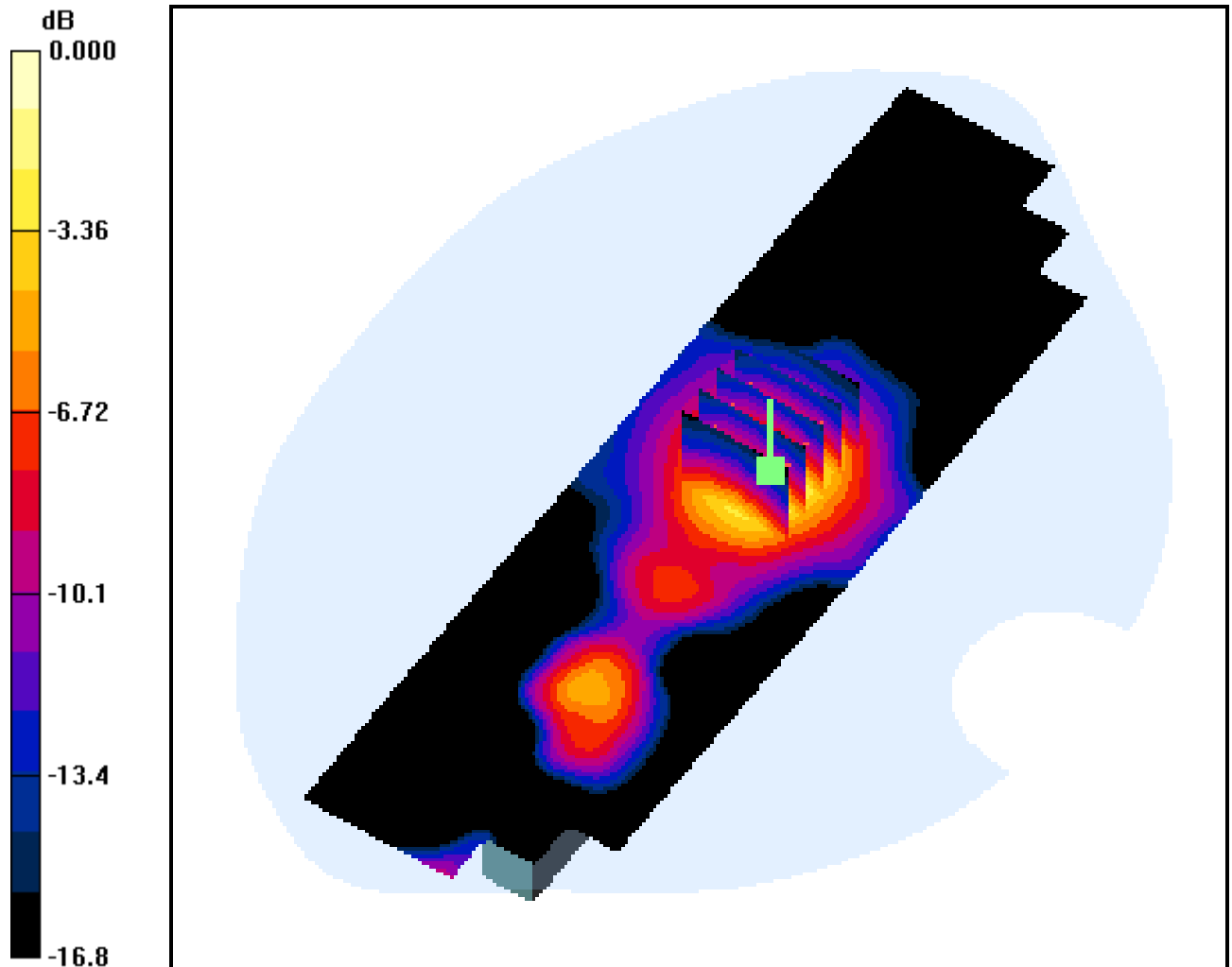
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.152 mW/g



0 dB = 0.381mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Top, Freq=2441MHz Ch.40, B/T Mode, ANT 2

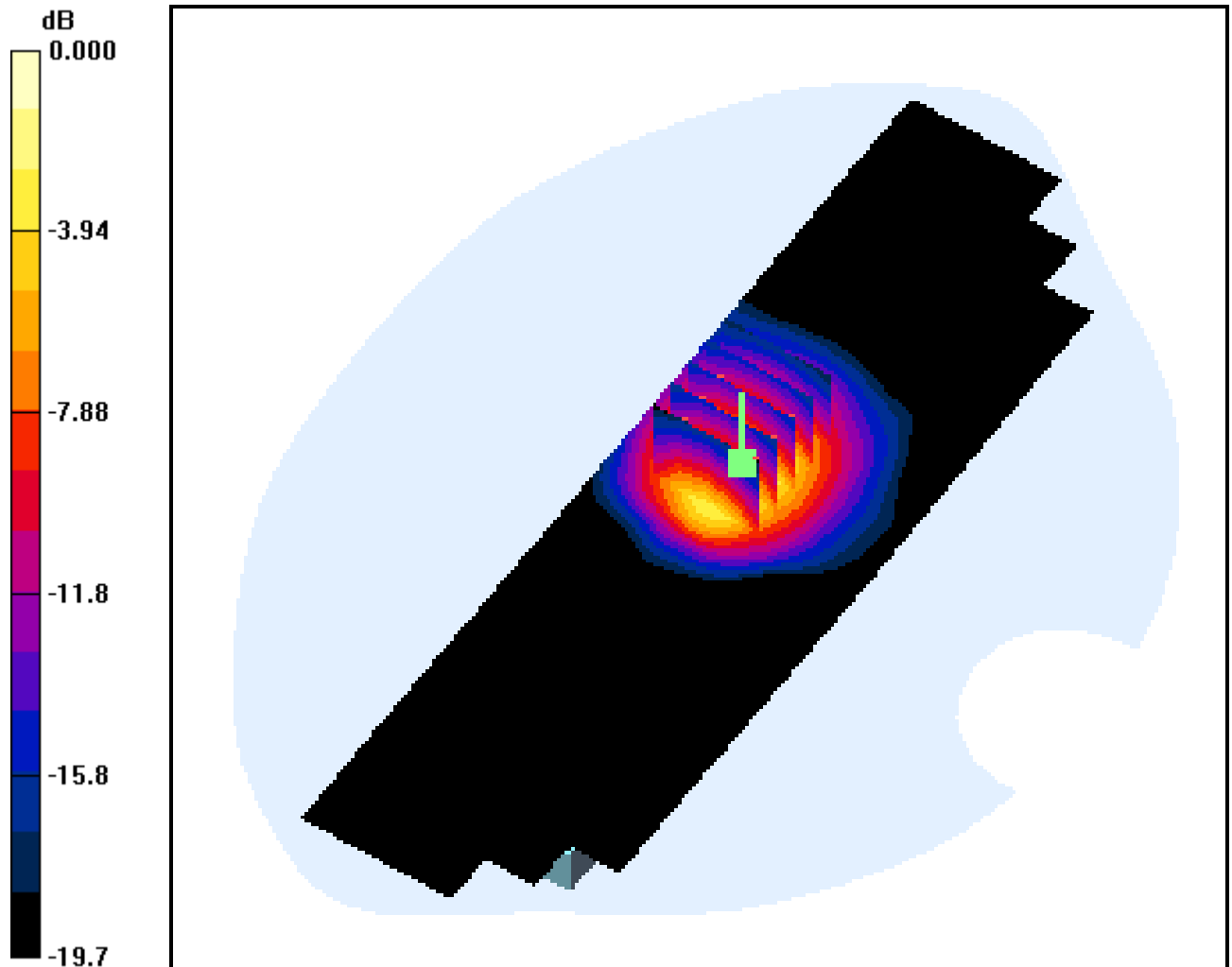
Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.361 mW/g



0 dB = 0.956mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2402MHz Ch.1, B/T Mode, ANT 3

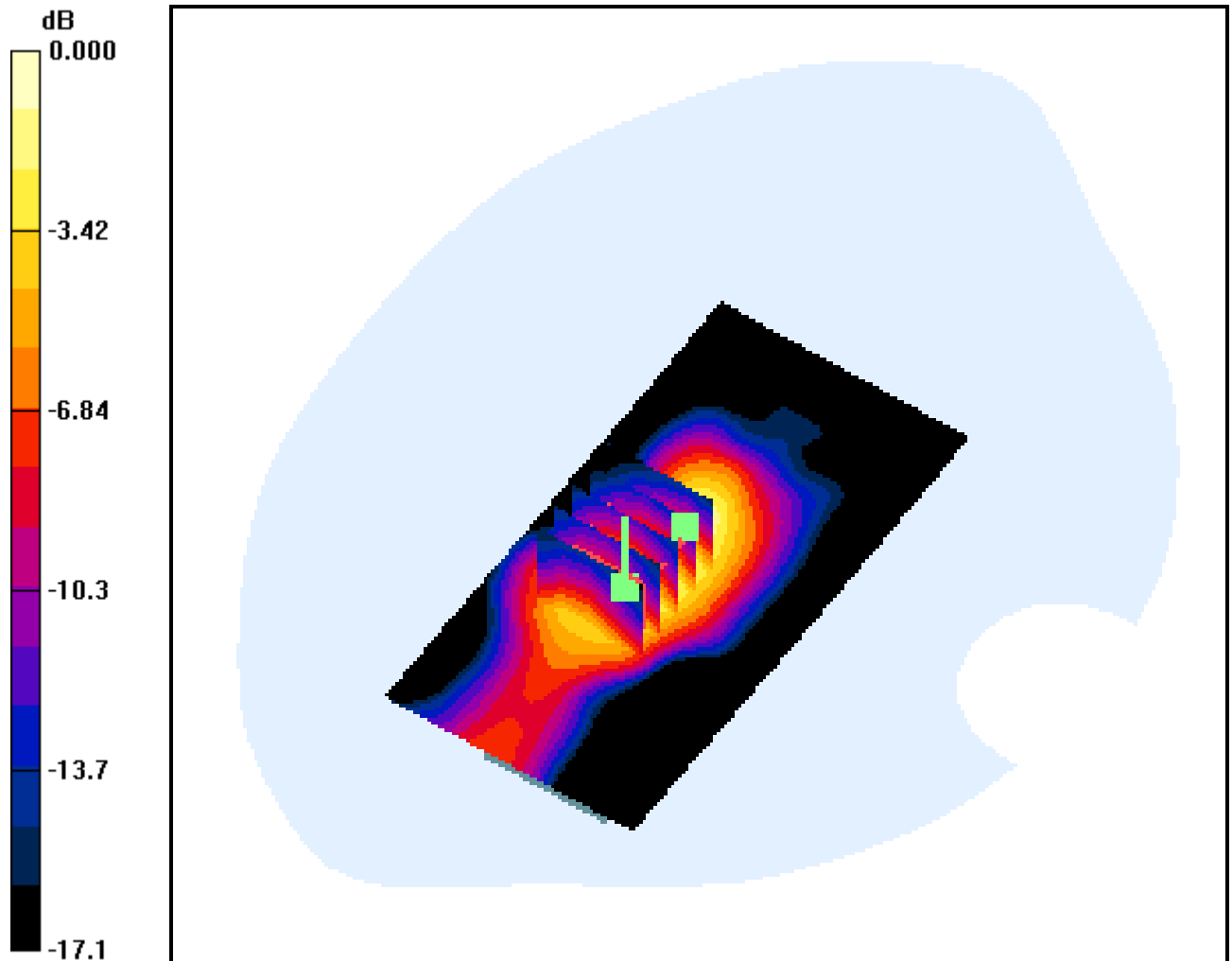
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.535 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.170 mW/g



0 dB = 0.422mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2402MHz Ch.1, B/T Mode, ANT 3

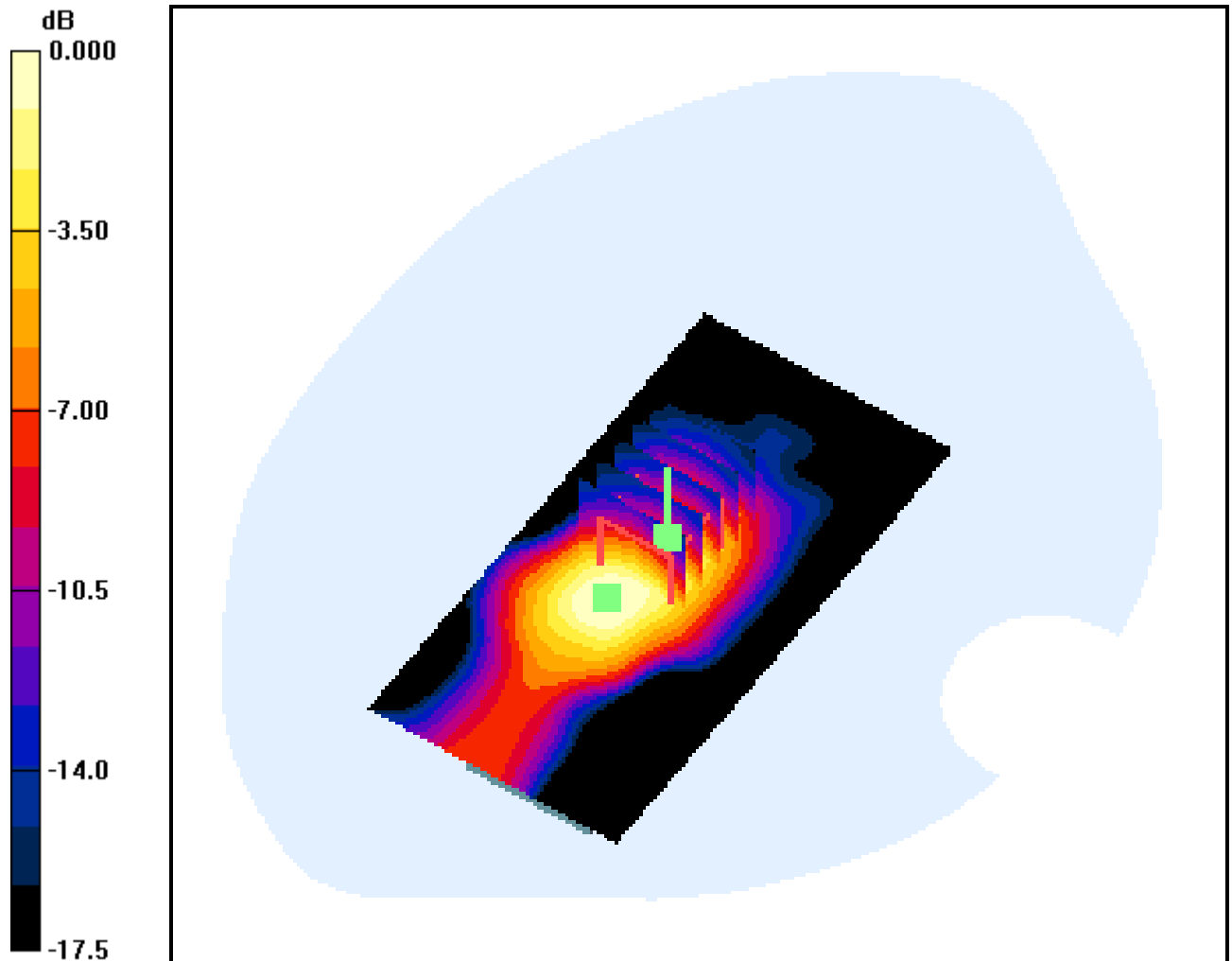
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.149 mW/g



0 dB = 0.393mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2441MHz Ch.40, B/T Mode, ANT 3

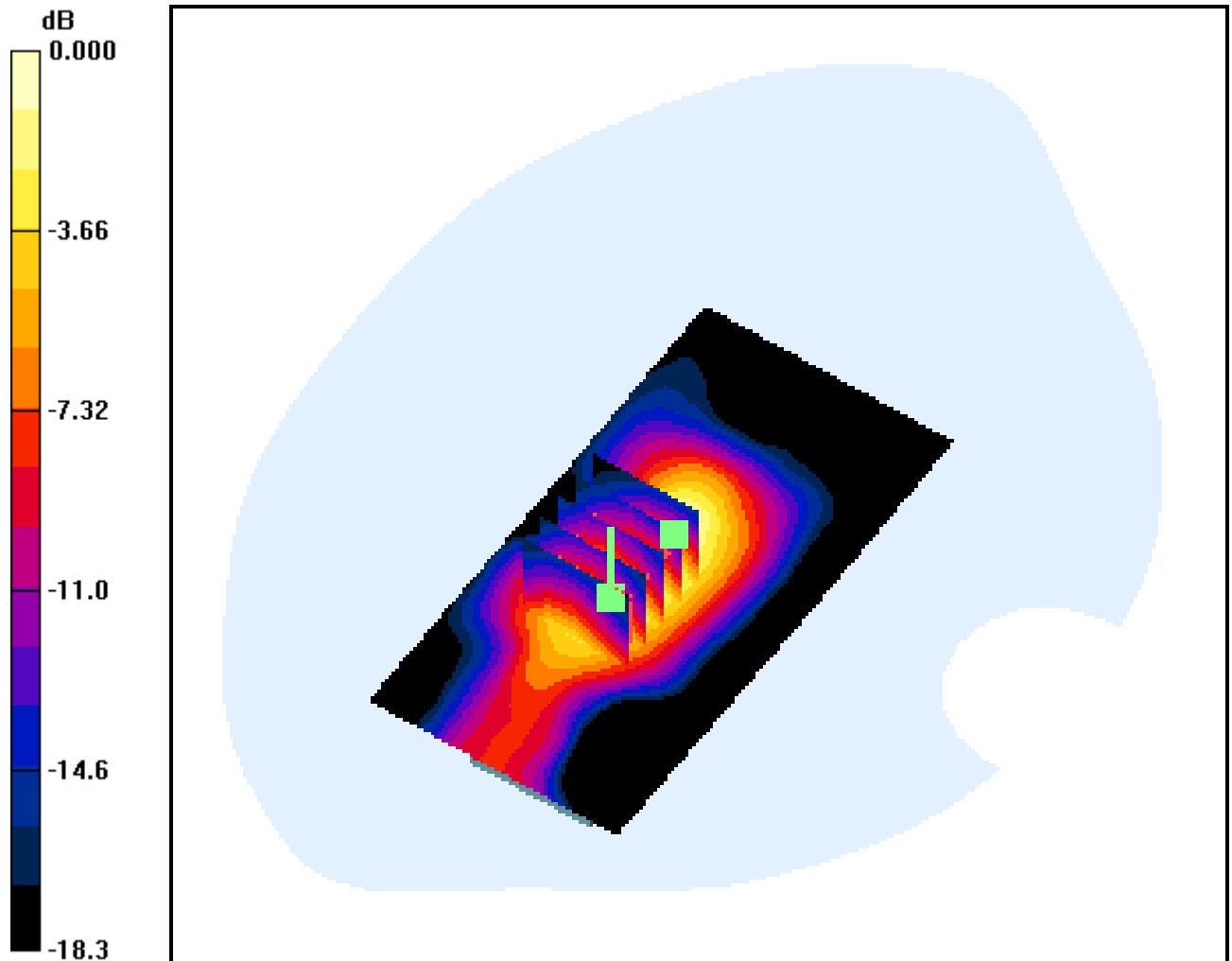
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.206 mW/g



0 dB = 0.533mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2441MHz Ch.40, B/T Mode, ANT 3

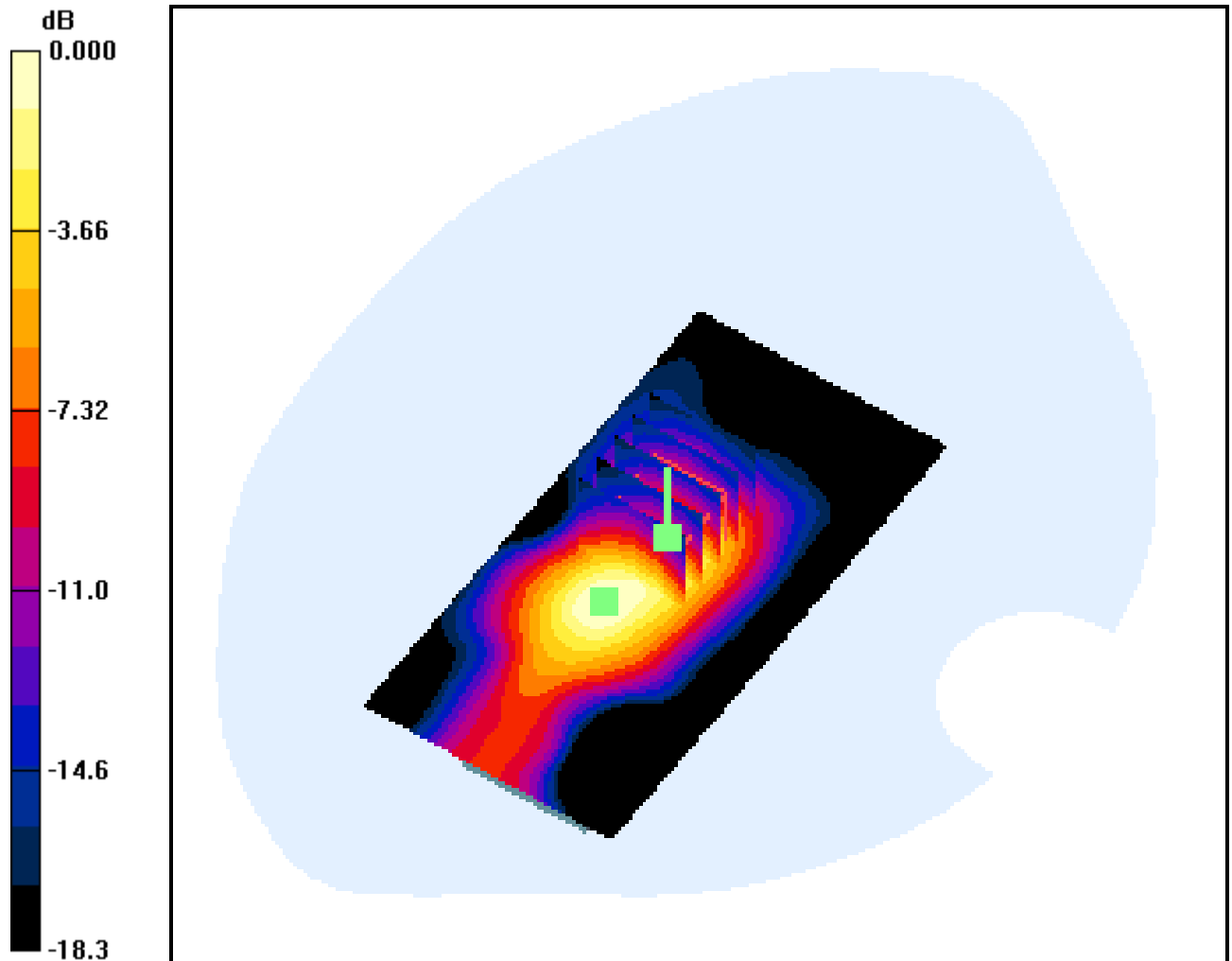
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.182 mW/g



0 dB = 0.513mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2480MHz Ch.79, B/T Mode, ANT 3

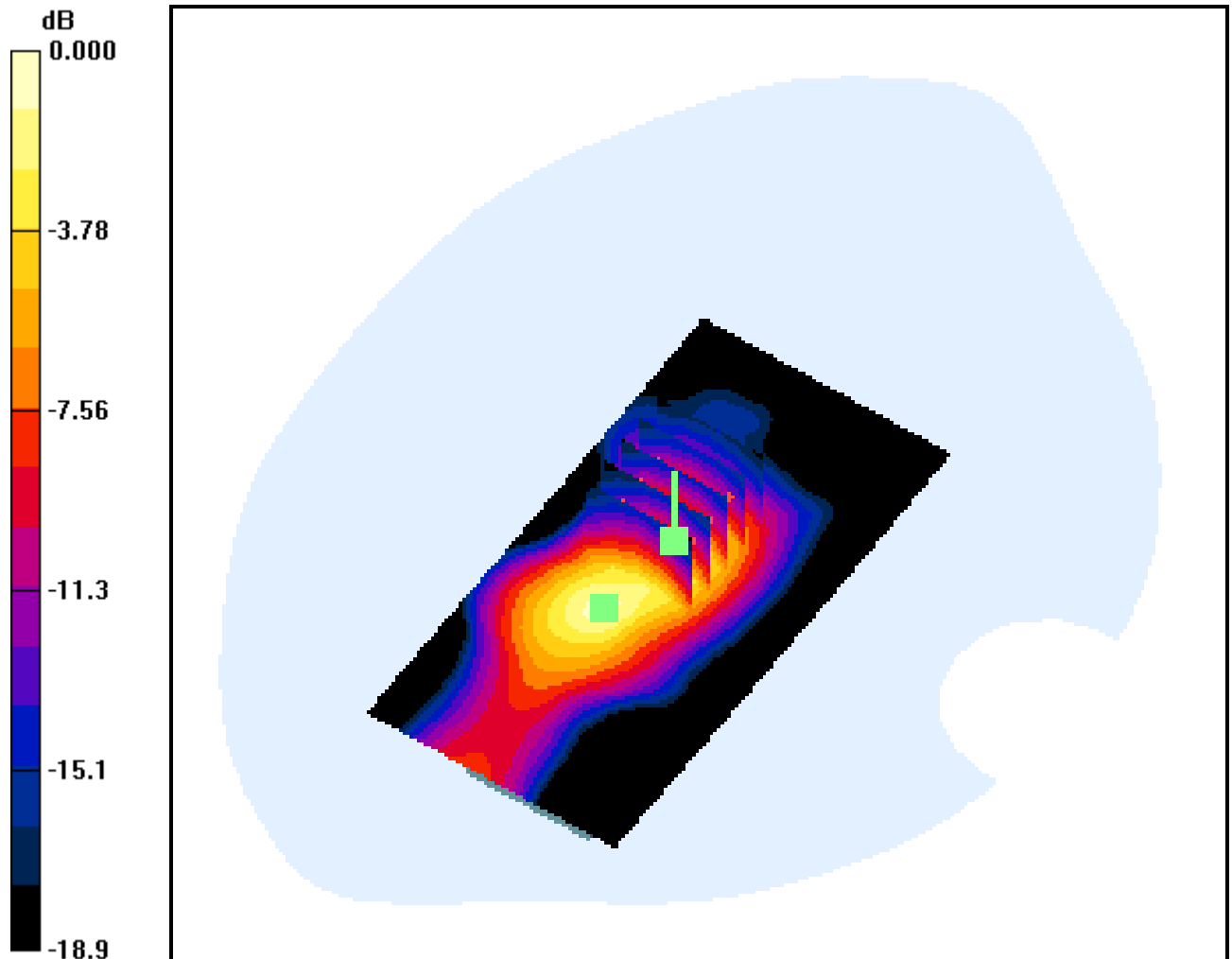
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.223 mW/g



0 dB = 0.642mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Up, Freq=2480MHz Ch.79, B/T Mode, ANT 3

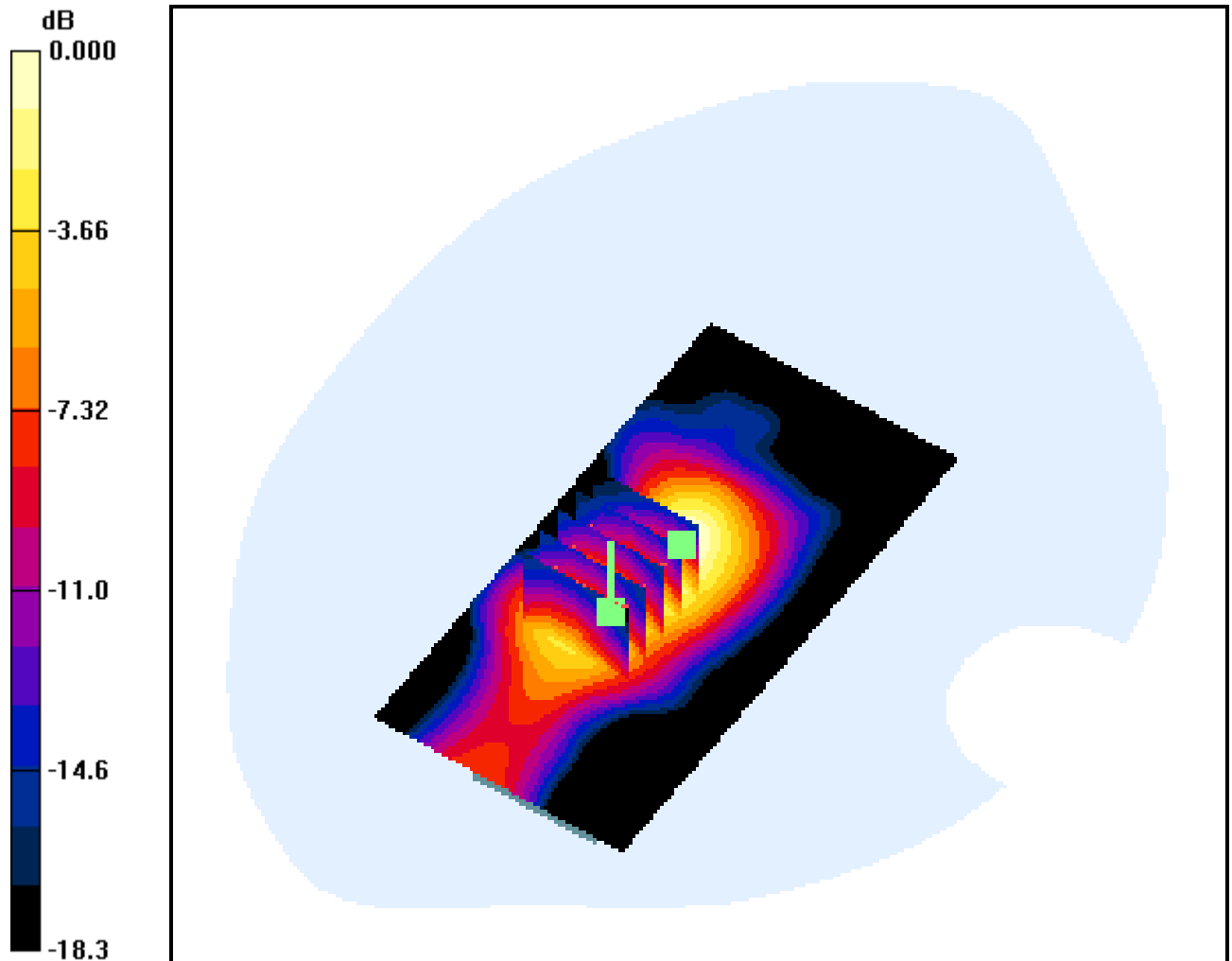
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.210 mW/g



0 dB = 0.543mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2441MHz Ch.40, B/T Mode, ANT 3

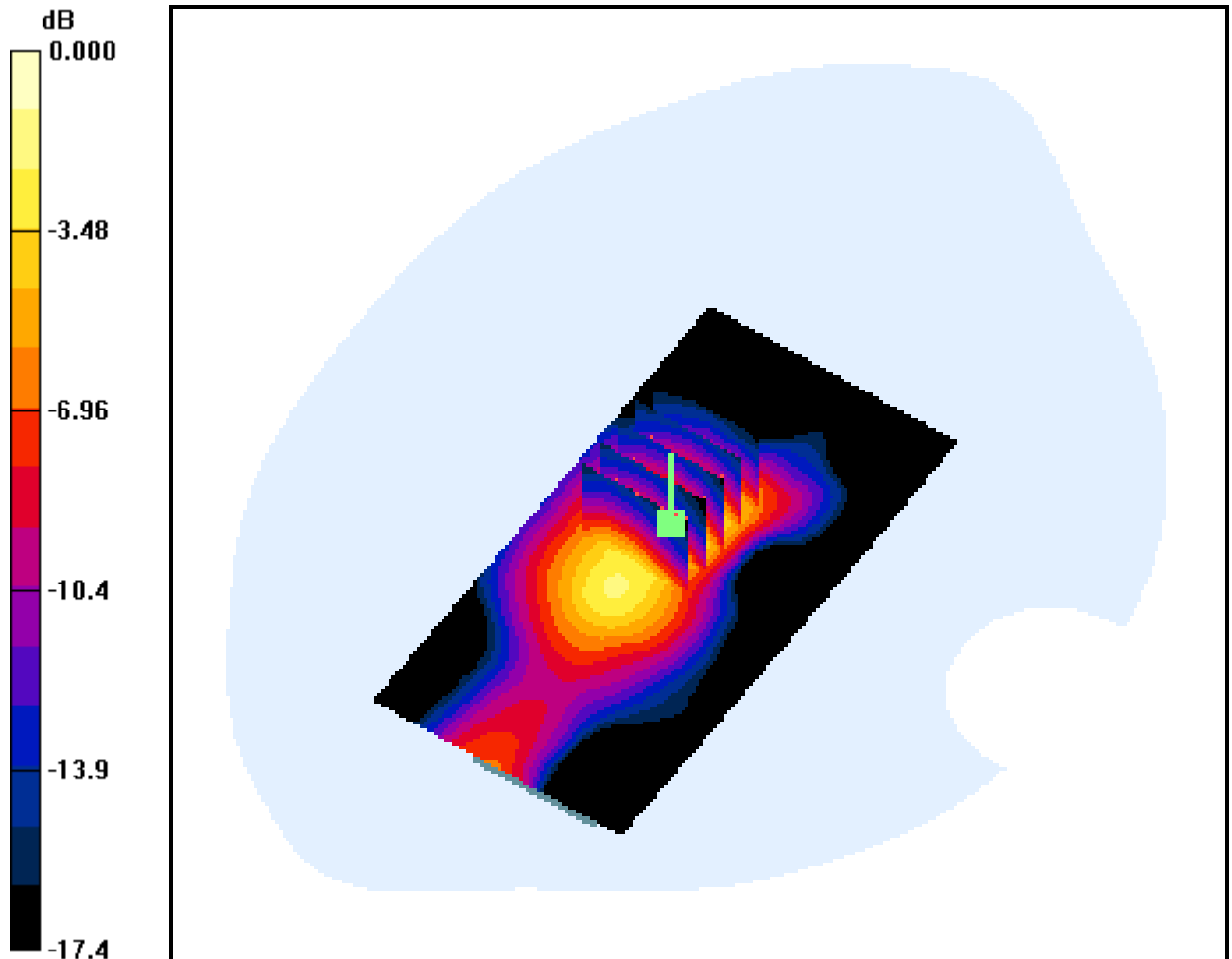
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.157 mW/g



0 dB = 0.437mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

11mm from Body, Vertical Front, Freq=2441MHz Ch.40, B/T Mode, ANT 3

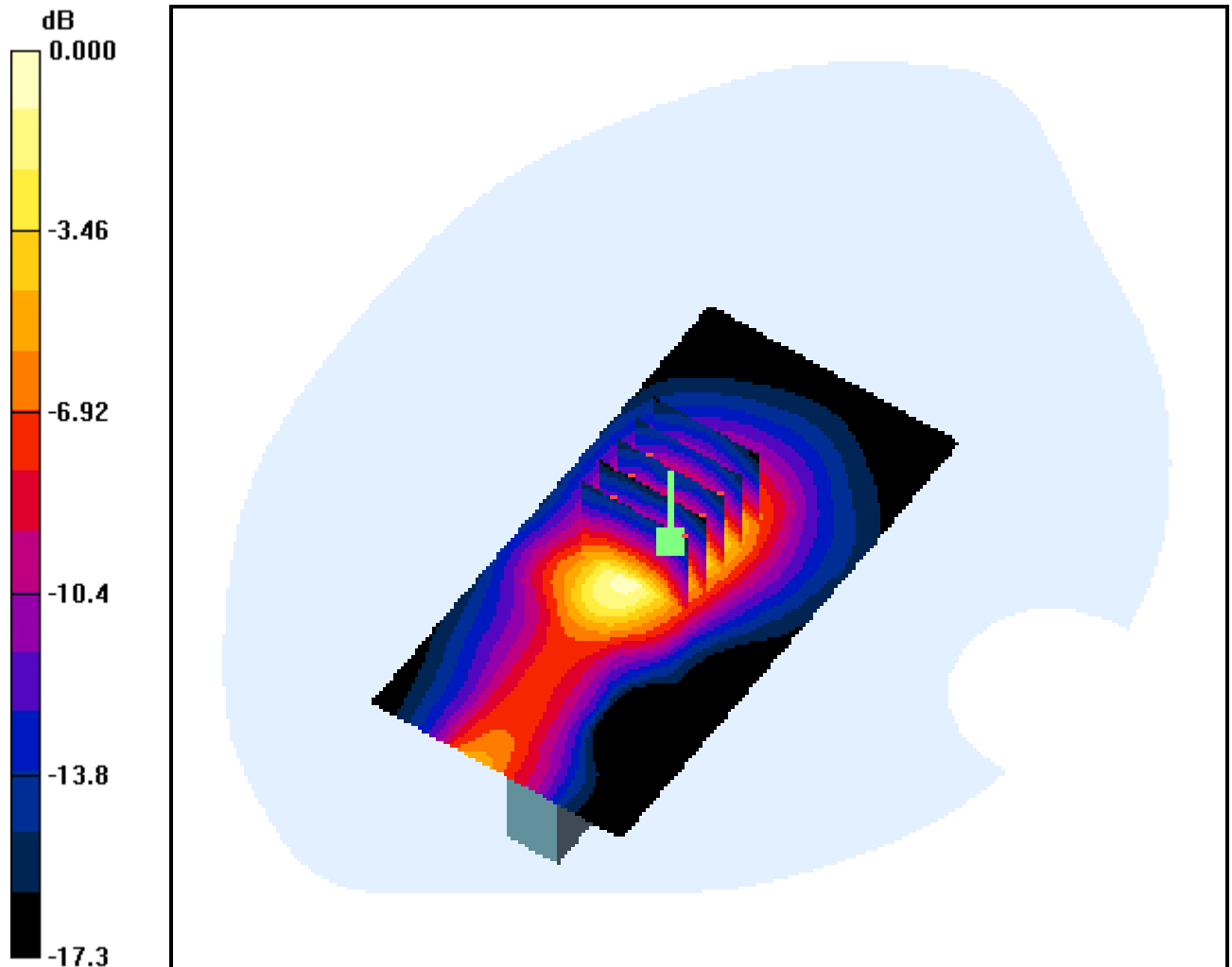
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.179 mW/g



0 dB = 0.488mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adaptor

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

16mm from Body, Vertical Back, Freq=2441MHz Ch.40, B/T Mode, ANT 3

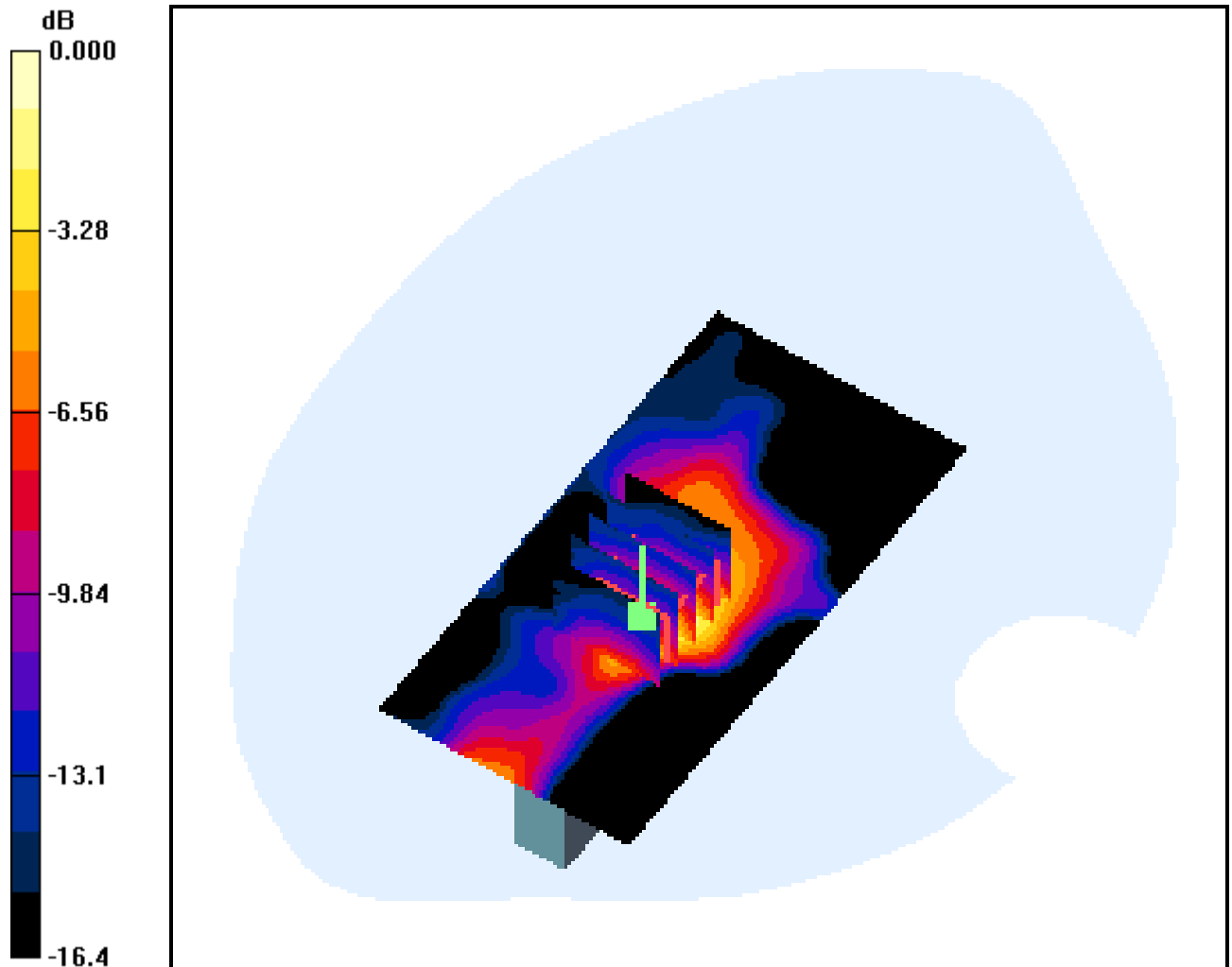
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.205 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.067 mW/g



0 dB = 0.209mW/g

DIGITAL EMC CO., LTD

DUT: WCS-232V4; Type: B/T Serial Adpator

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.28
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.8, 6.8, 6.8); Calibrated: 2009-01-14; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2009-05-18; Ambient Temp: 22.8; Tissue Temp: 22.5

5mm from Body, Horizontal Down, Freq=2480MHz Ch.79, B/T Mode, ANT 2

Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.143 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.529 mW/g

