

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

Dipole Validation

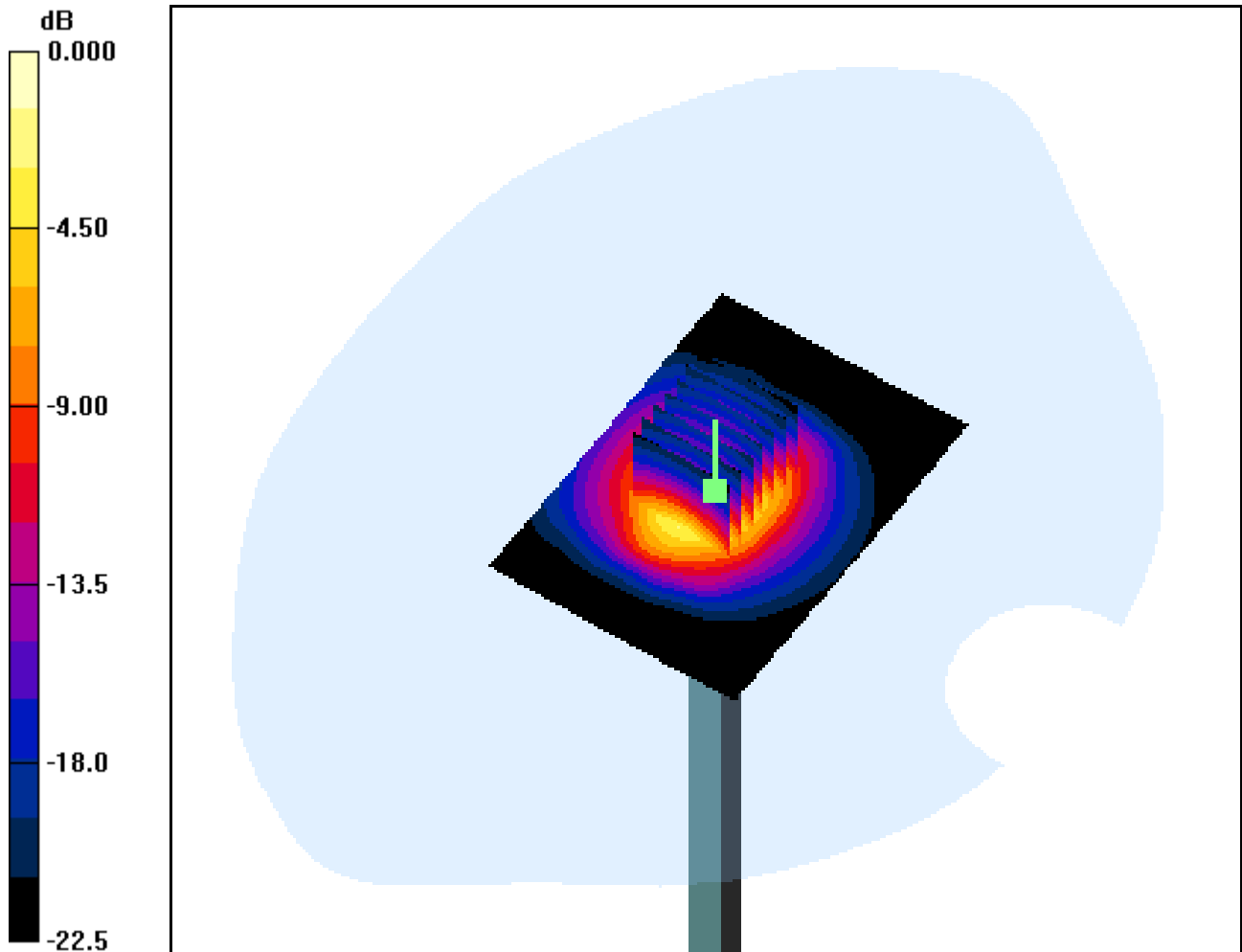
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.101 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 14.8 mW/g; SAR(10 g) = 6.51 mW/g



0 dB = 21.8mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

Dipole Validation

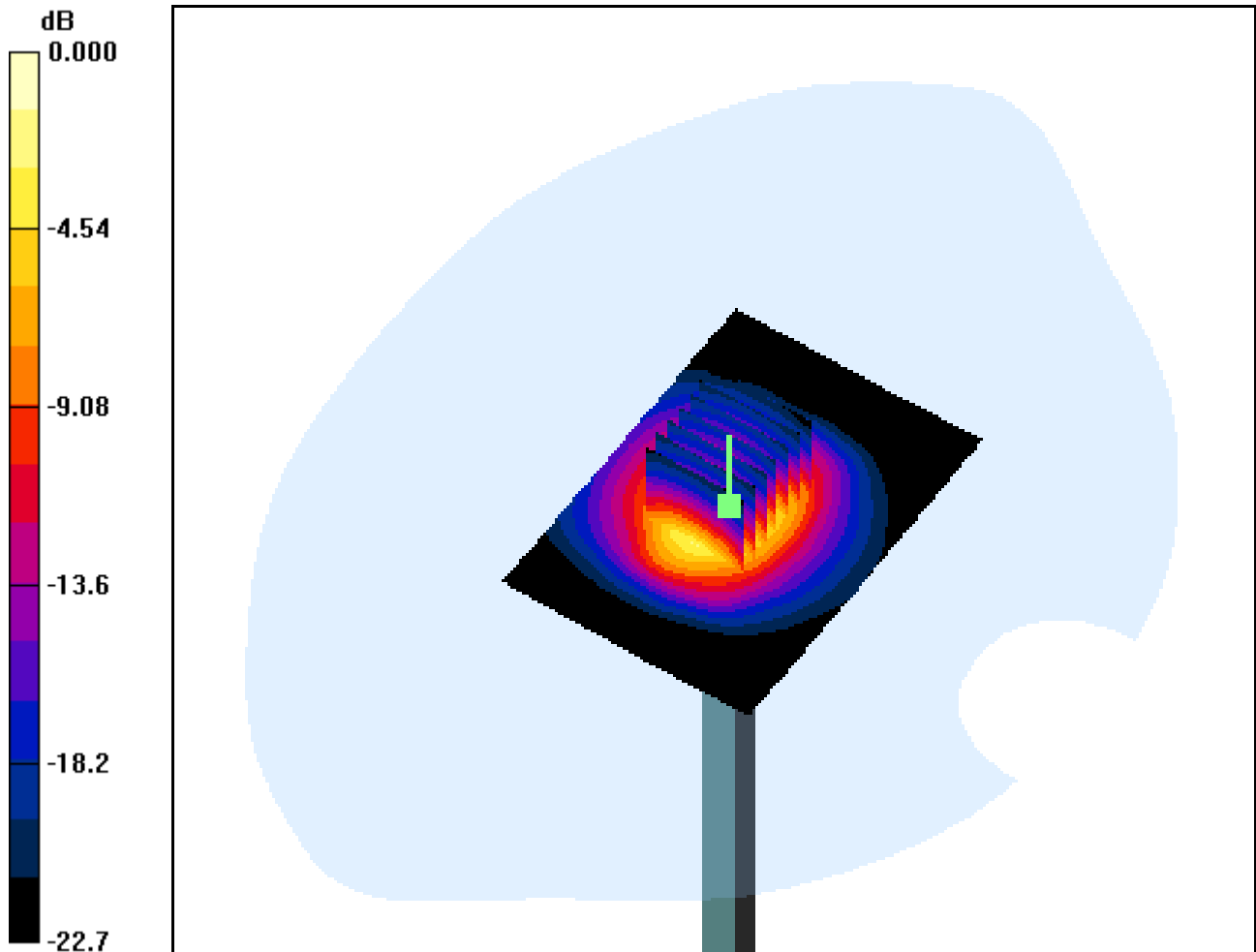
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.105 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 14.7 mW/g; SAR(10 g) = 6.5 mW/g



0 dB = 21.6mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

Dipole Validation

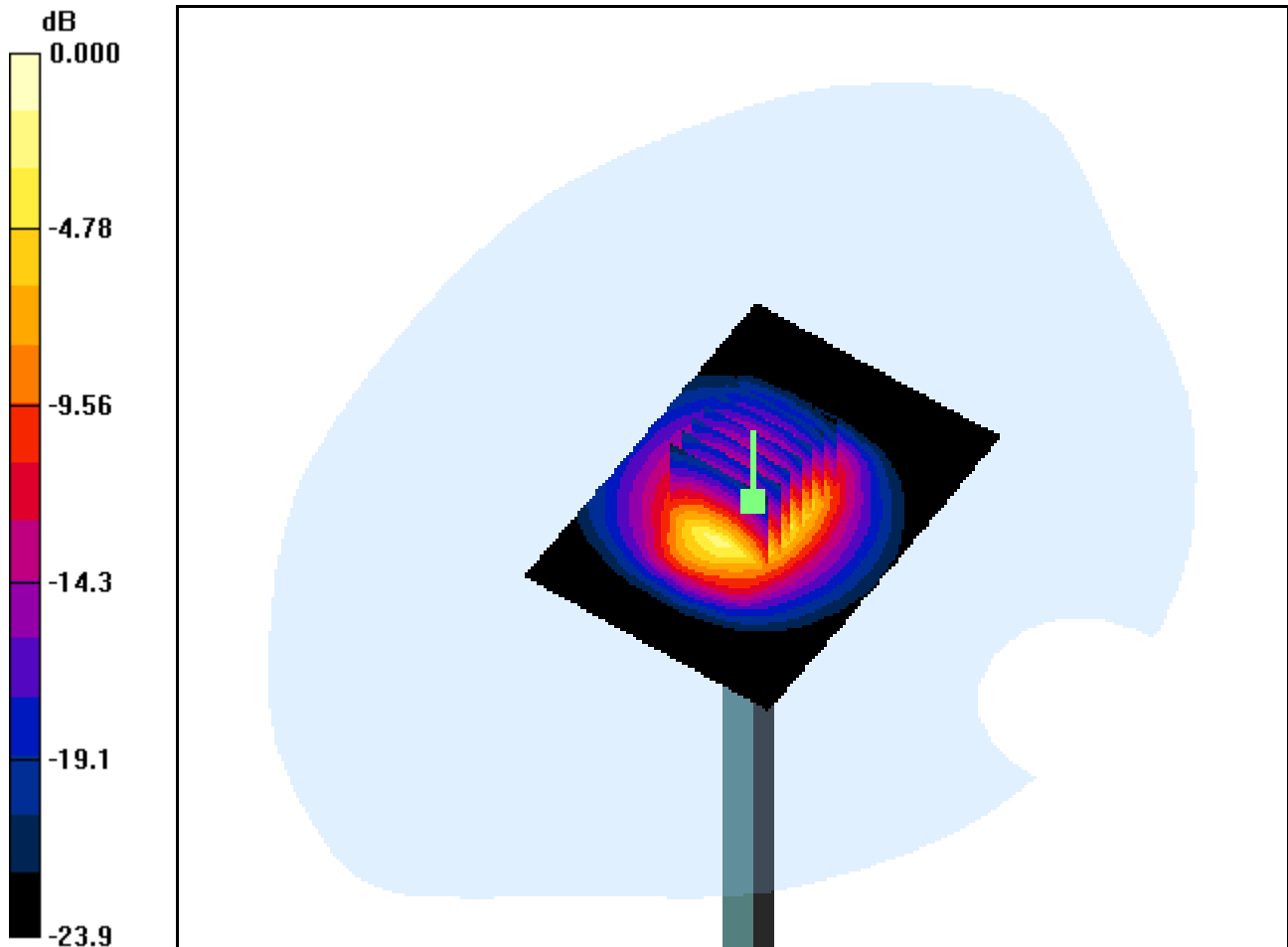
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.059 dB

Peak SAR (extrapolated) = 30.9 W/kg

SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.26 mW/g



0 dB = 16.3mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

Dipole Validation

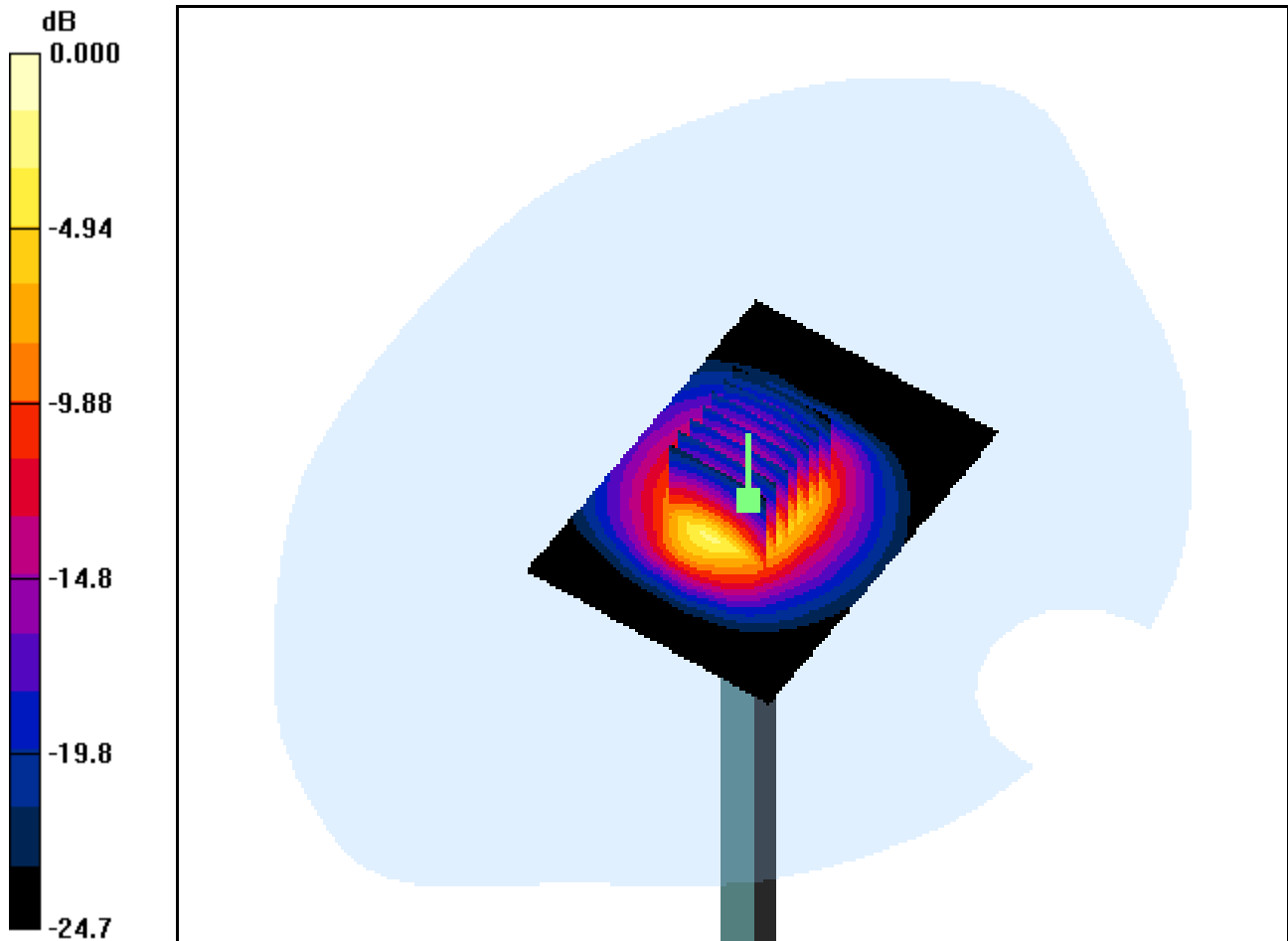
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 15.2 mW/g; SAR(10 g) = 6.67 mW/g



0 dB = 21.9mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

Dipole Validation

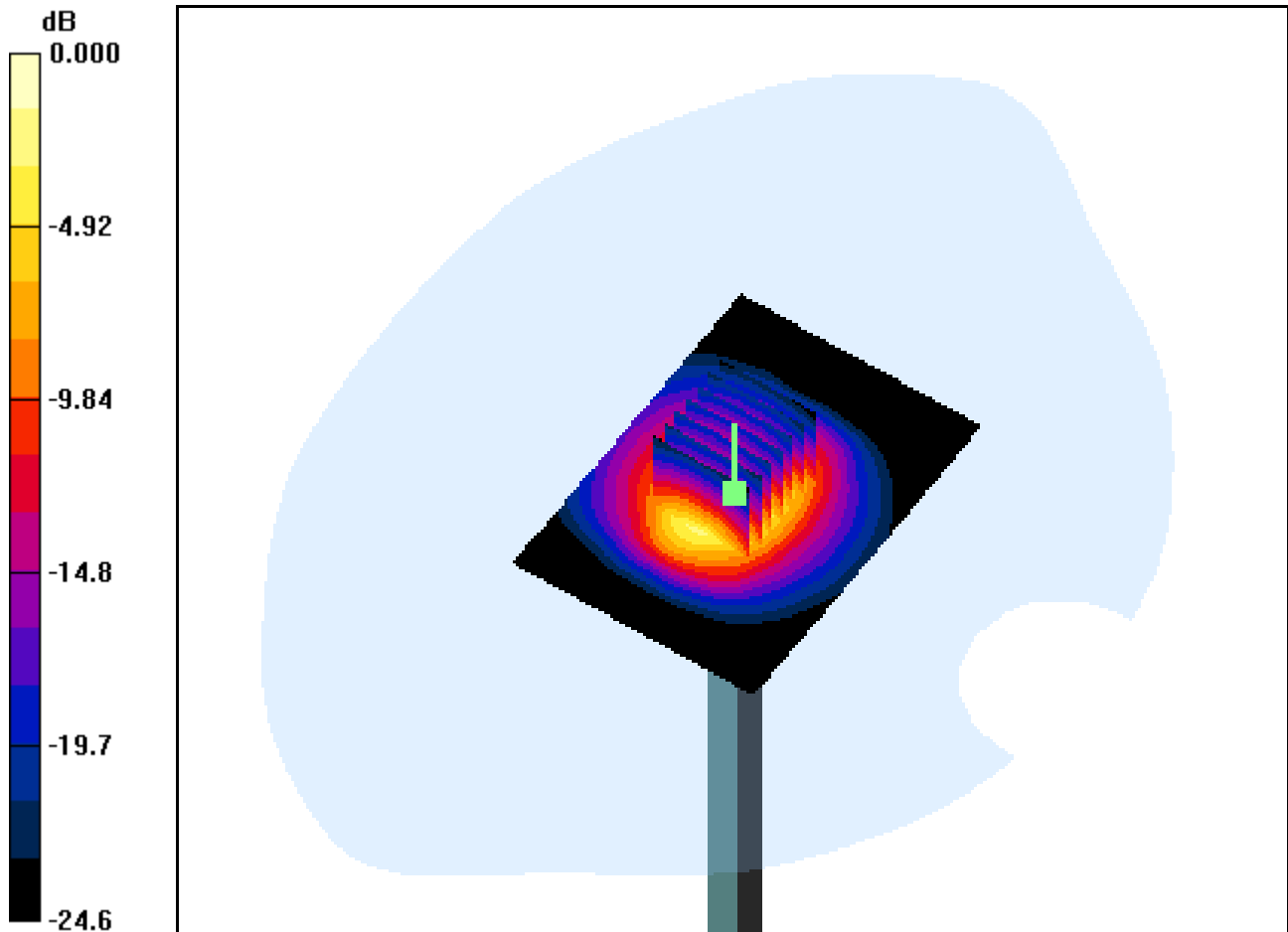
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.006 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 15.1 mW/g; SAR(10 g) = 6.64 mW/g



0 dB = 21.7mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

Dipole Validation

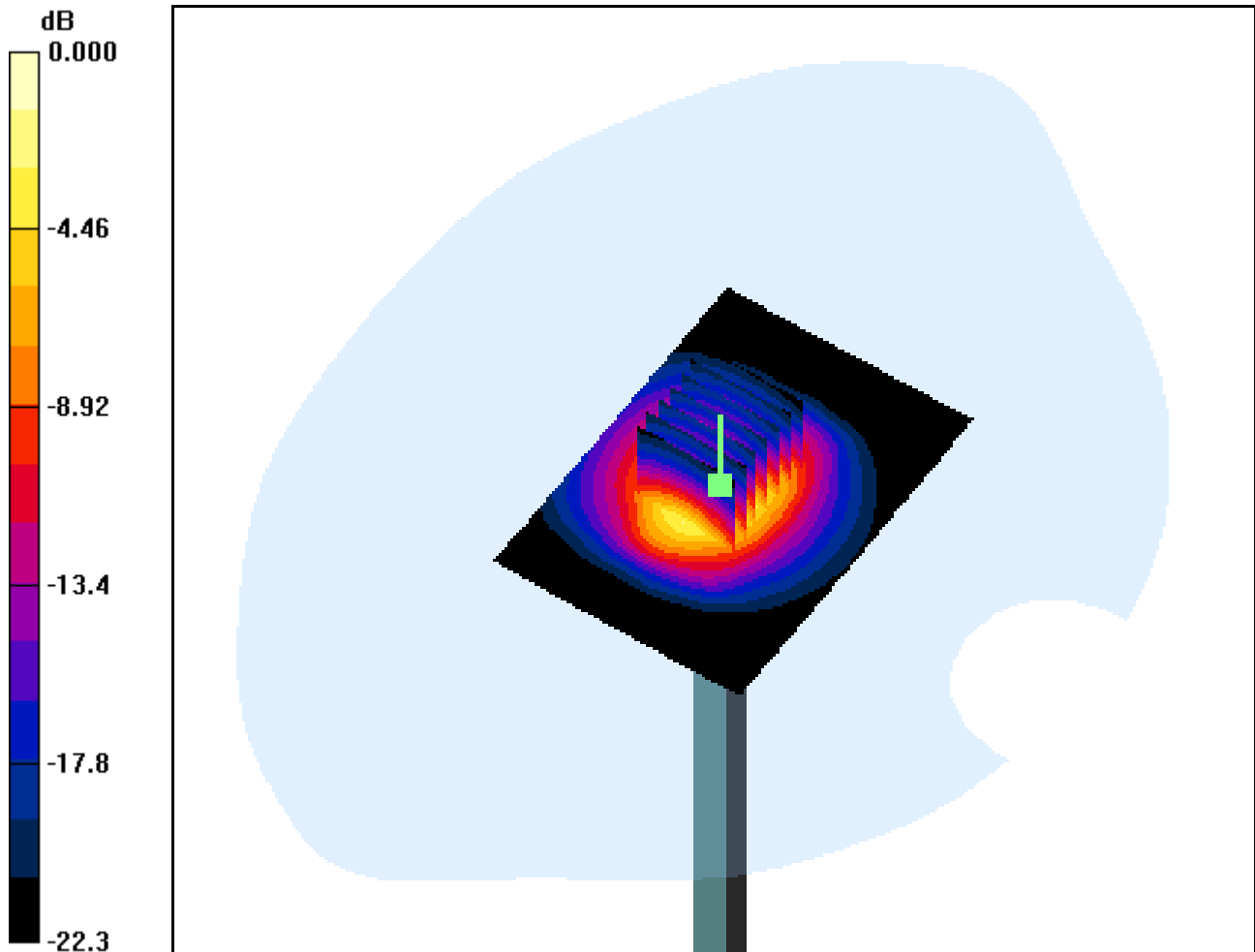
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.021 dB

Peak SAR (extrapolated) = 32.2 W/kg

SAR(1 g) = 14.3 mW/g; SAR(10 g) = 6.32 mW/g



0 dB = 21.0mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2011-10-22; Ambient Temp: 21.9; Tissue Temp: 22.1

Dipole Validation

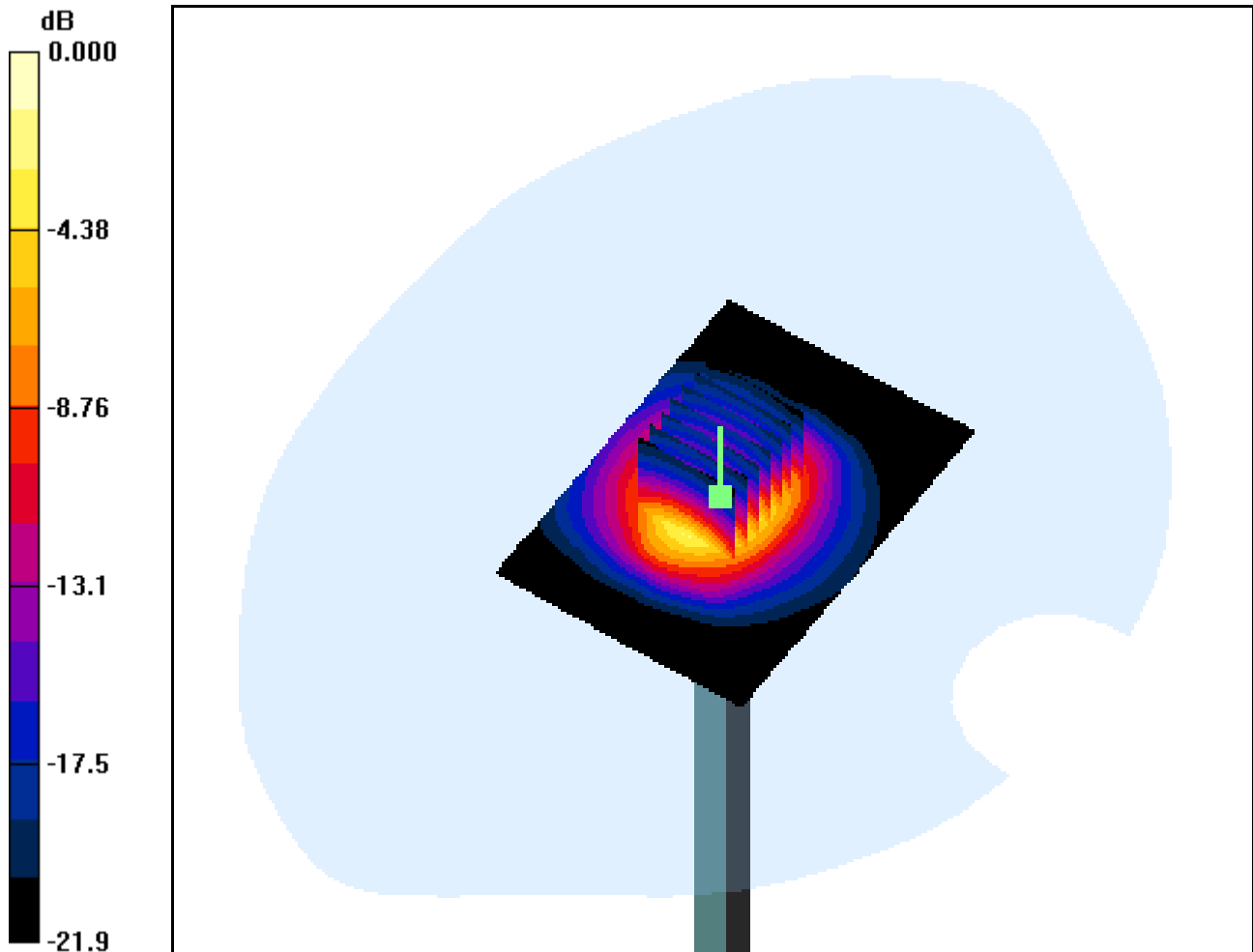
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.035 dB

Peak SAR (extrapolated) = 35.2 W/kg

SAR(1 g) = 15.4 mW/g; SAR(10 g) = 6.75 mW/g



0 dB = 17.4mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.15$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519

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: 2012-01-16; Ambient Temp: 22.0; Tissue Temp: 22.2

Dipole Validation

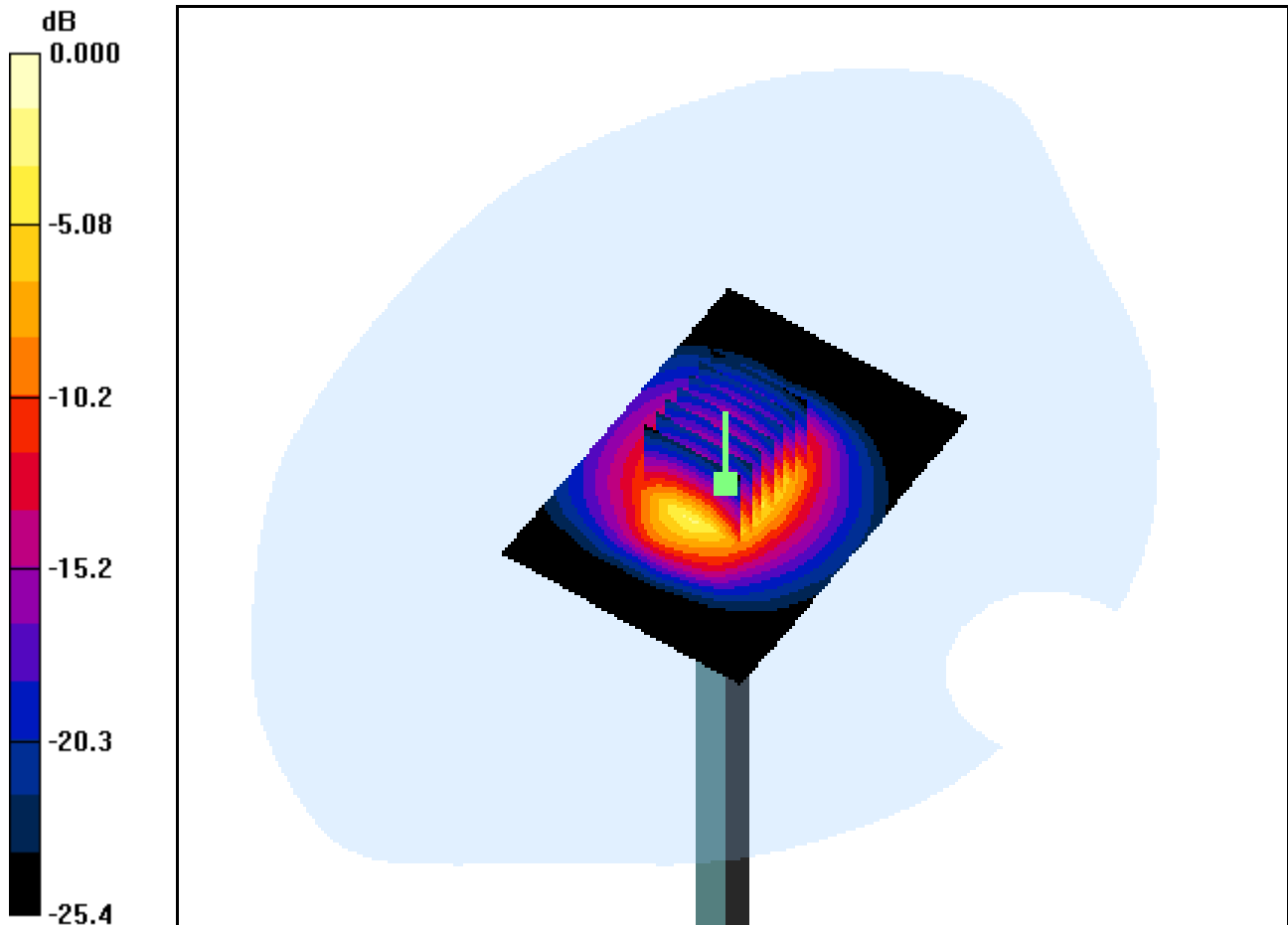
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.011 dB

Peak SAR (extrapolated) = 35.2 W/kg

SAR(1 g) = 15.3 mW/g; SAR(10 g) = 6.6 mW/g



0 dB = 22.7mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Top

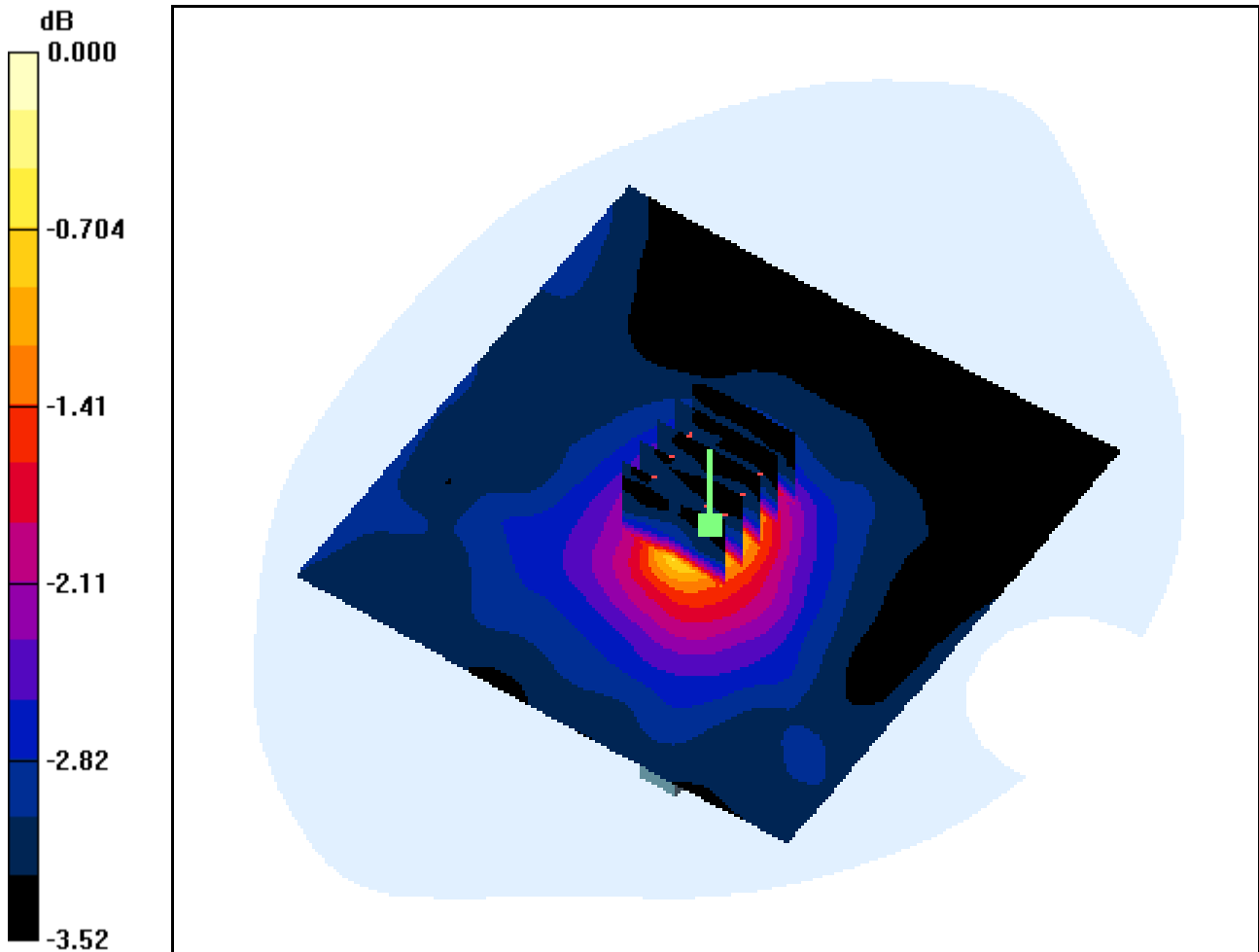
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.208 mW/g



0 dB = 0.325mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Bottom

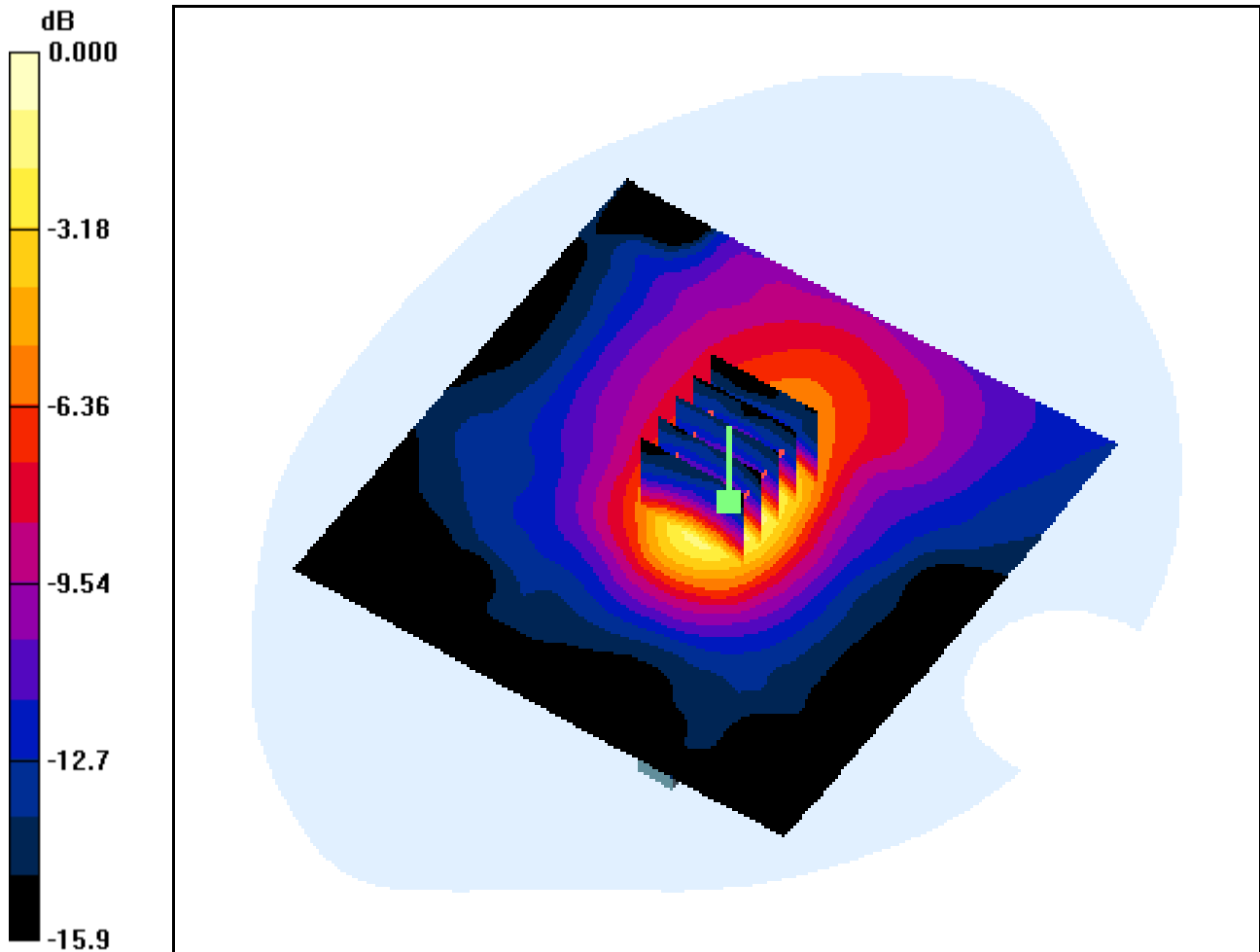
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.188 mW/g



0 dB = 0.519mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

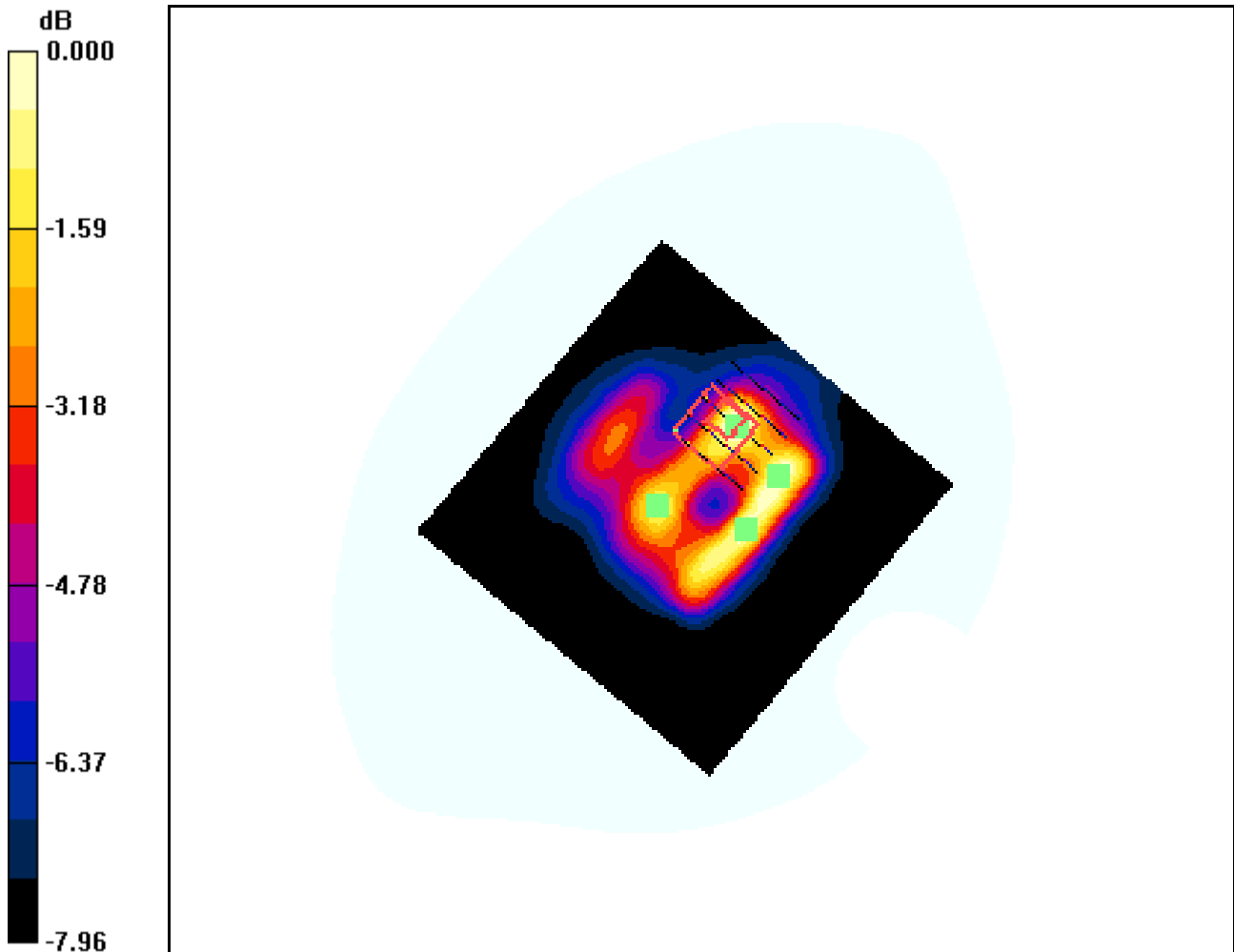
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.126 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.611 mW/g



0 dB = 1.43mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

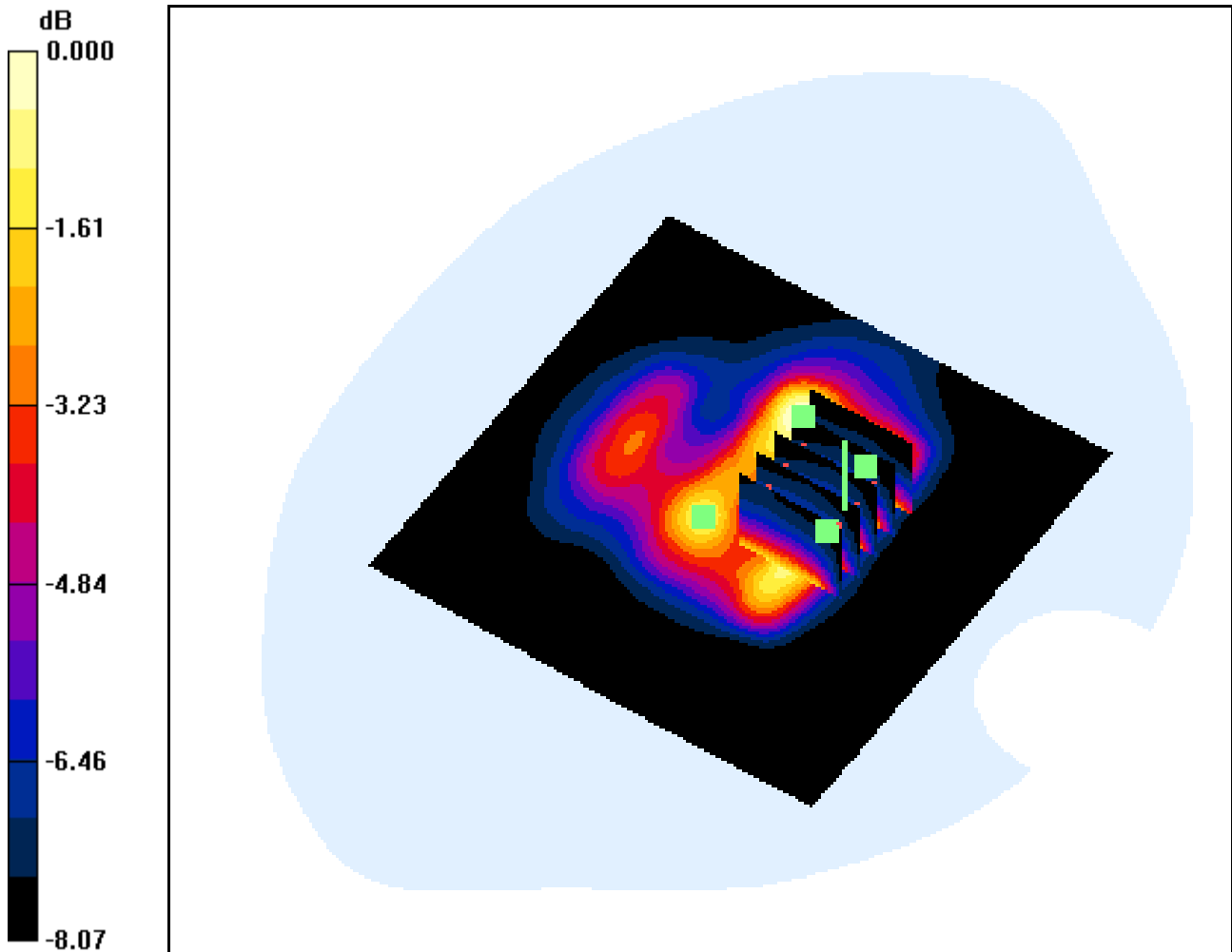
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.126 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.695 mW/g



0 dB = 1.48mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

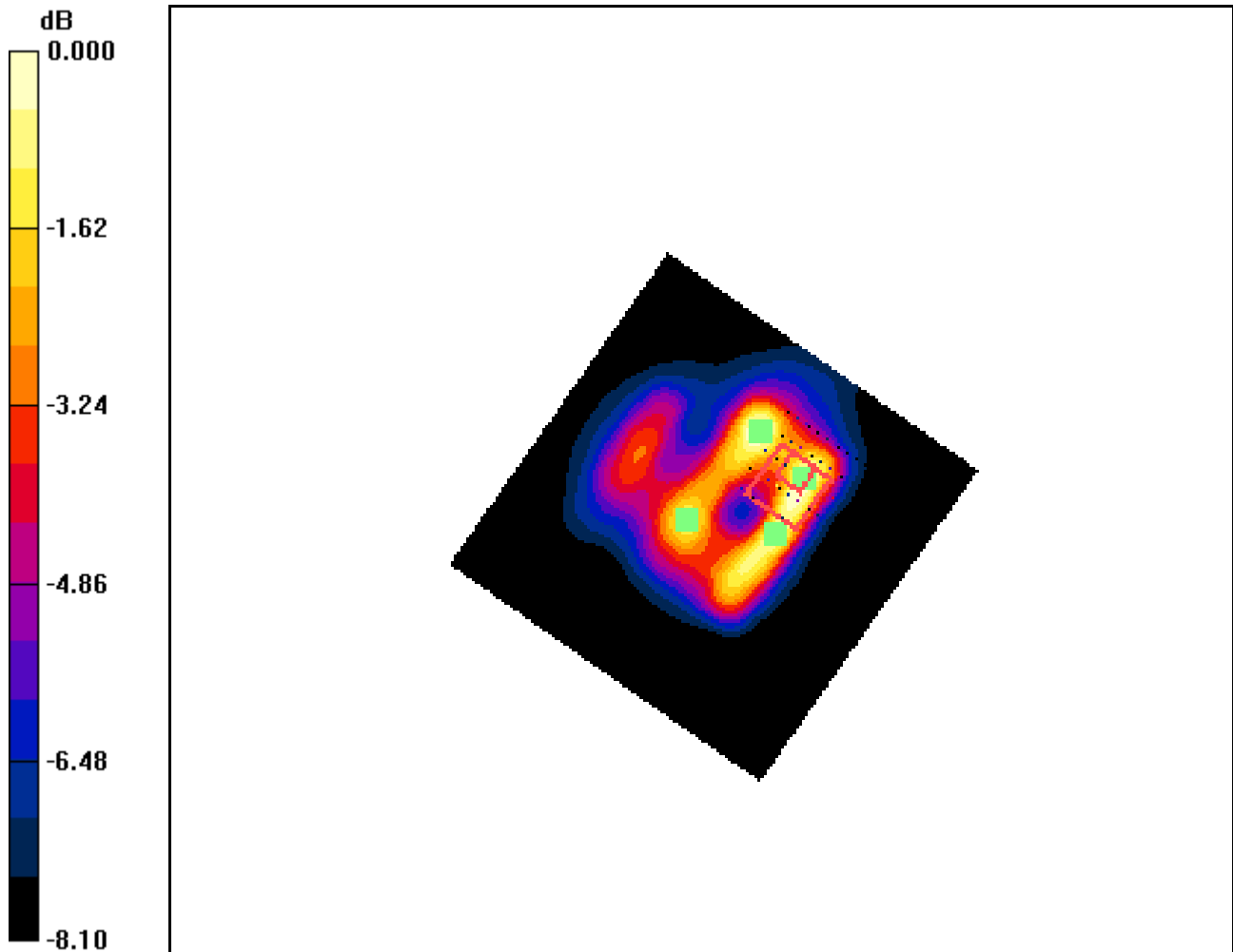
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.126 dB

Peak SAR (extrapolated) = 2.60 W/kg

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



0 dB = 1.49mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

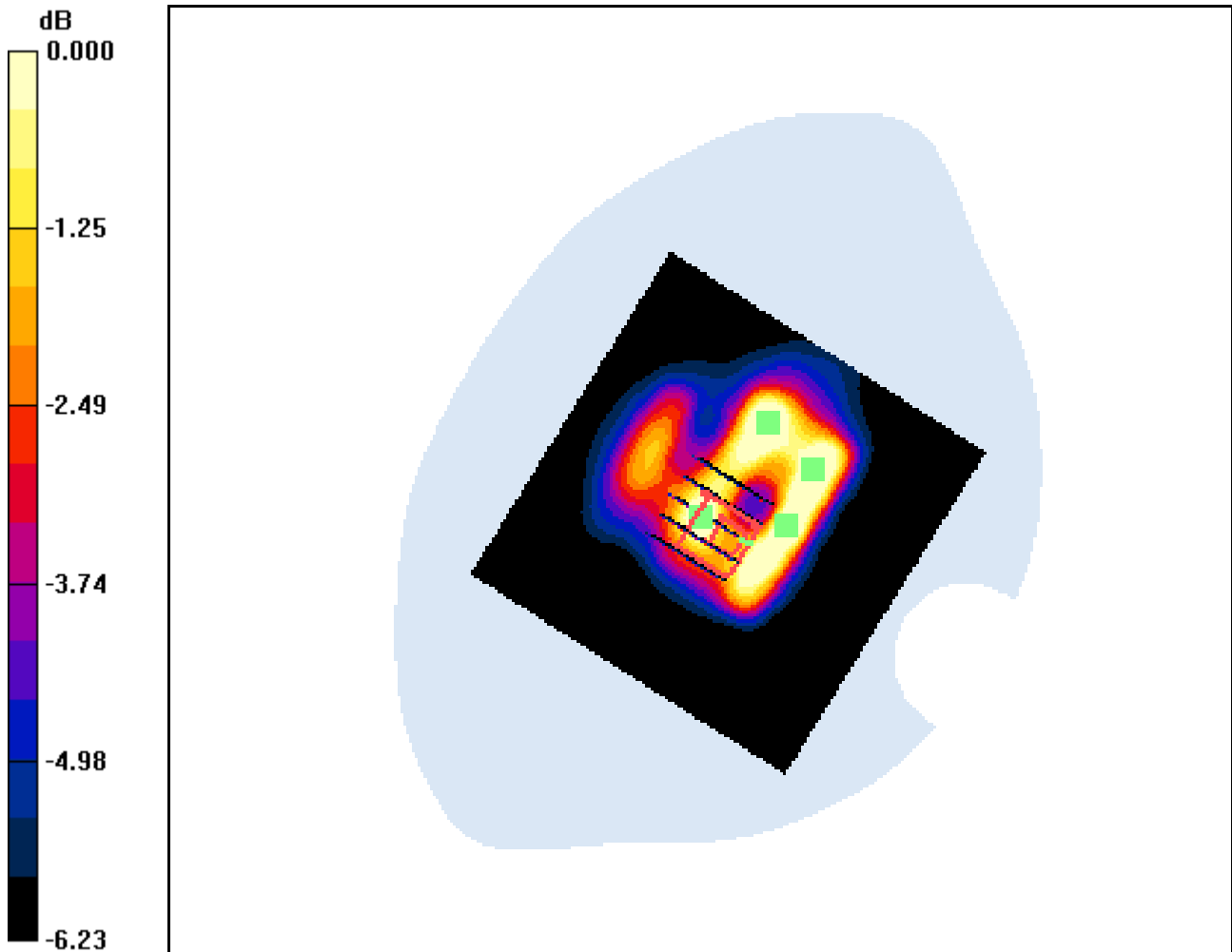
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 3: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.126 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.484 mW/g



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

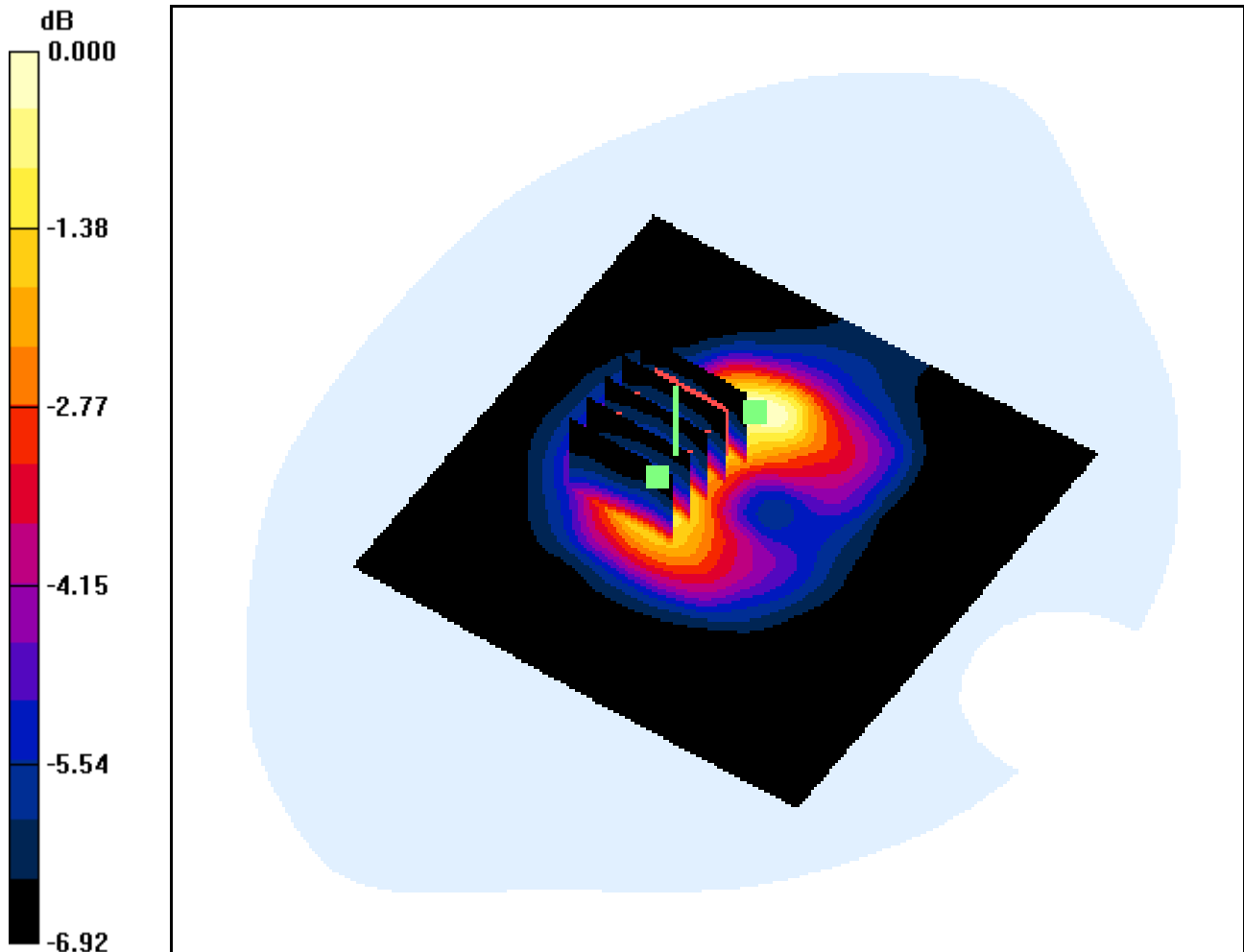
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.226 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.558 mW/g



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

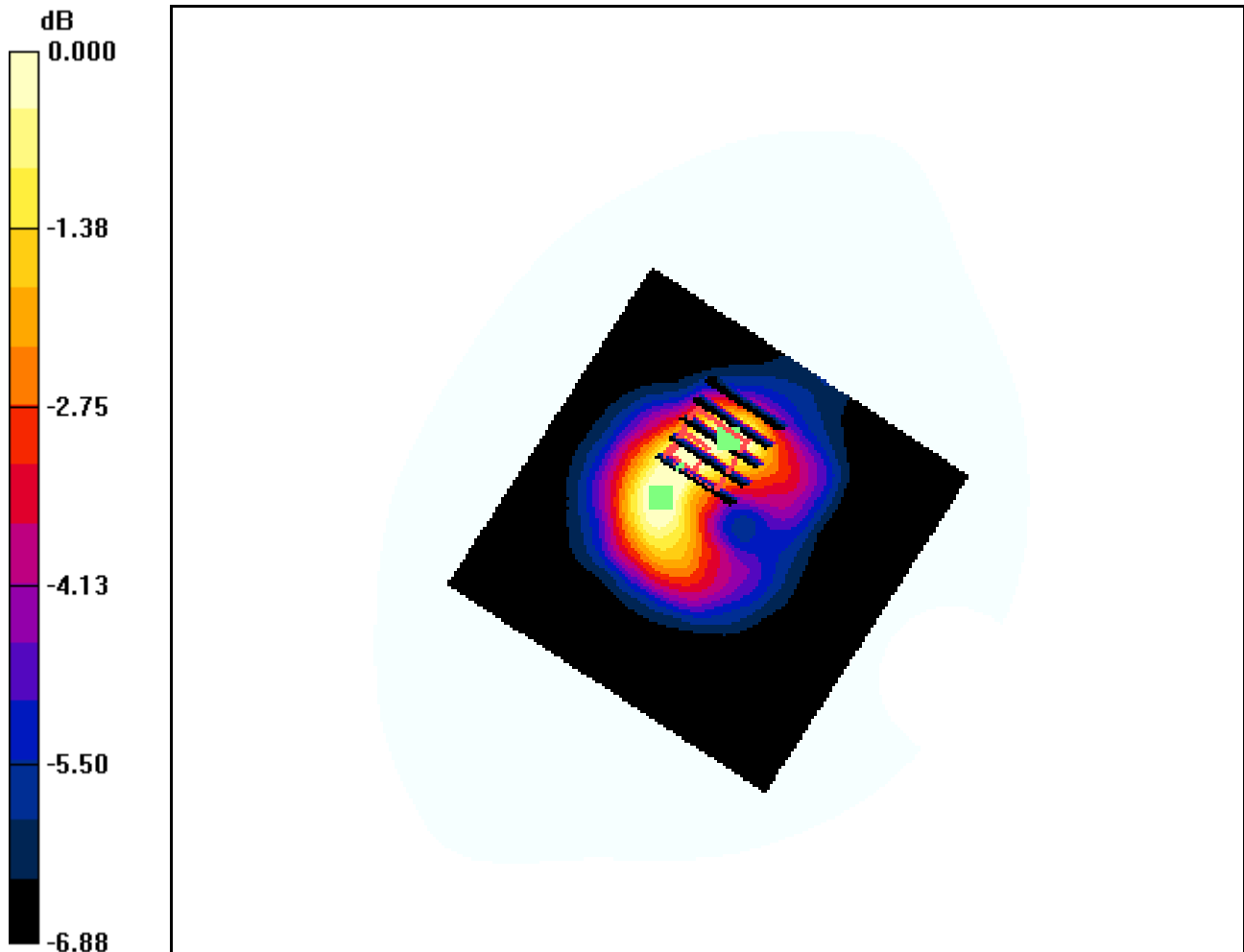
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.226 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.488 mW/g



0 dB = 1.08mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

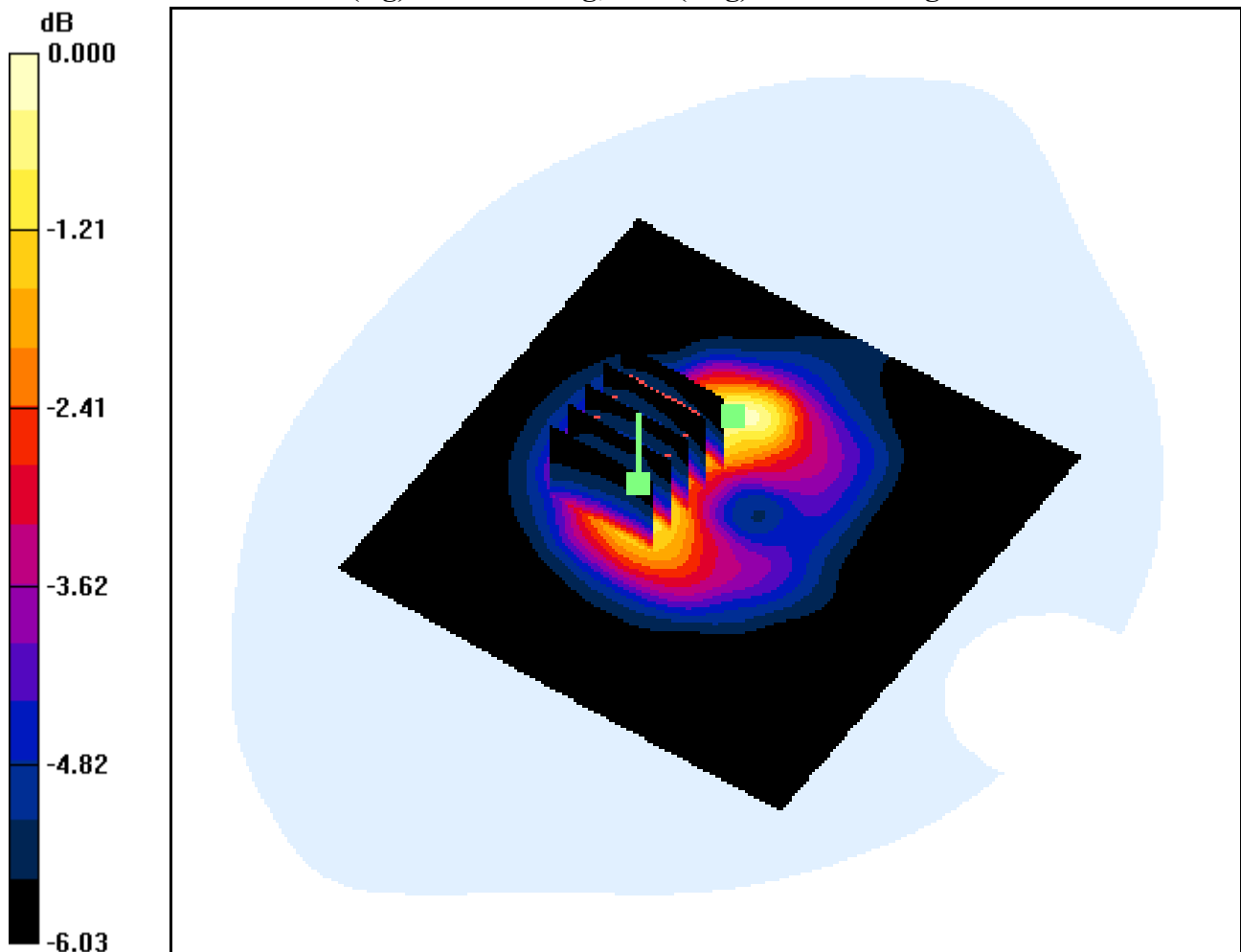
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.604 mW/g



0 dB = 1.14mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

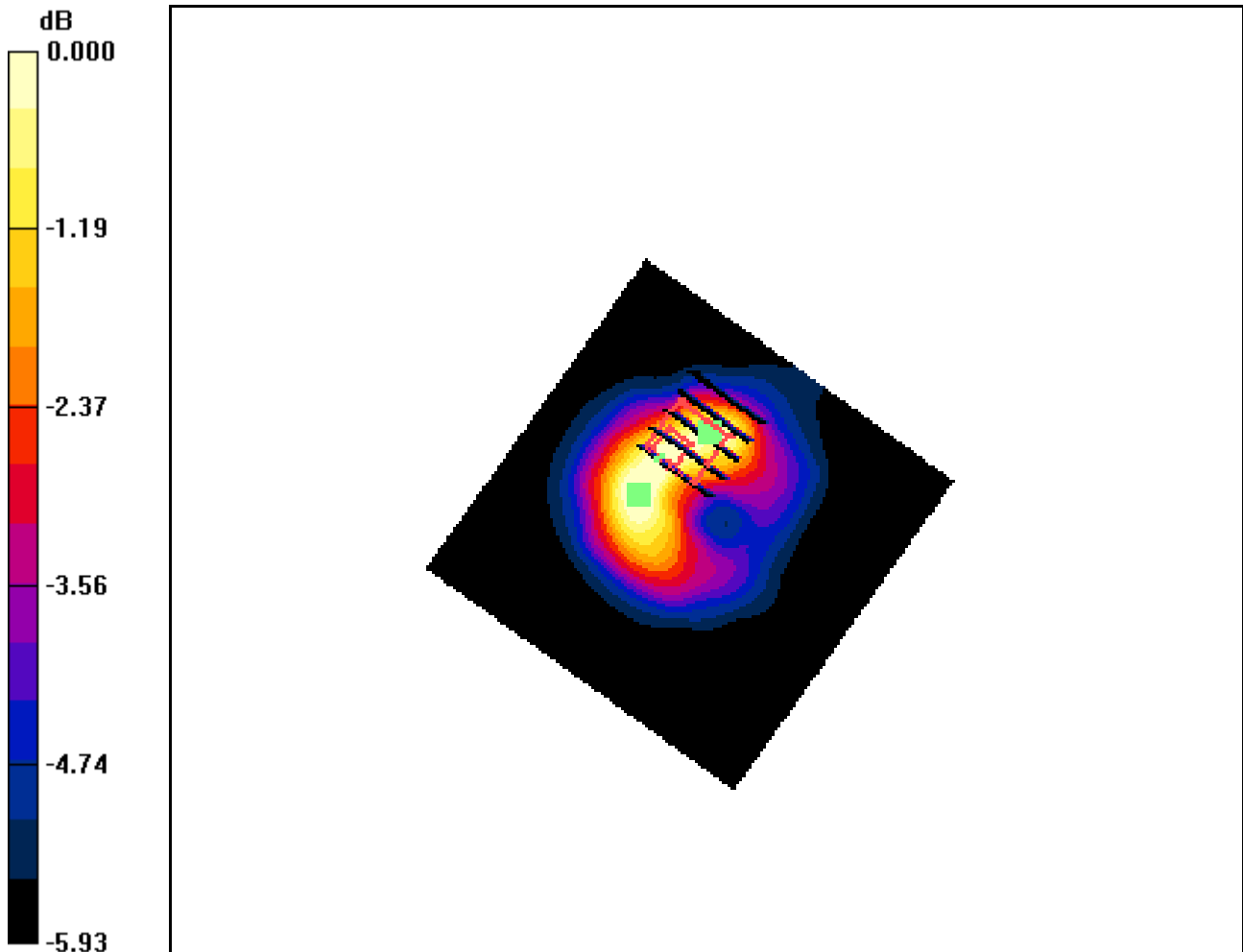
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.535 mW/g



0 dB = 1.11mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Rear

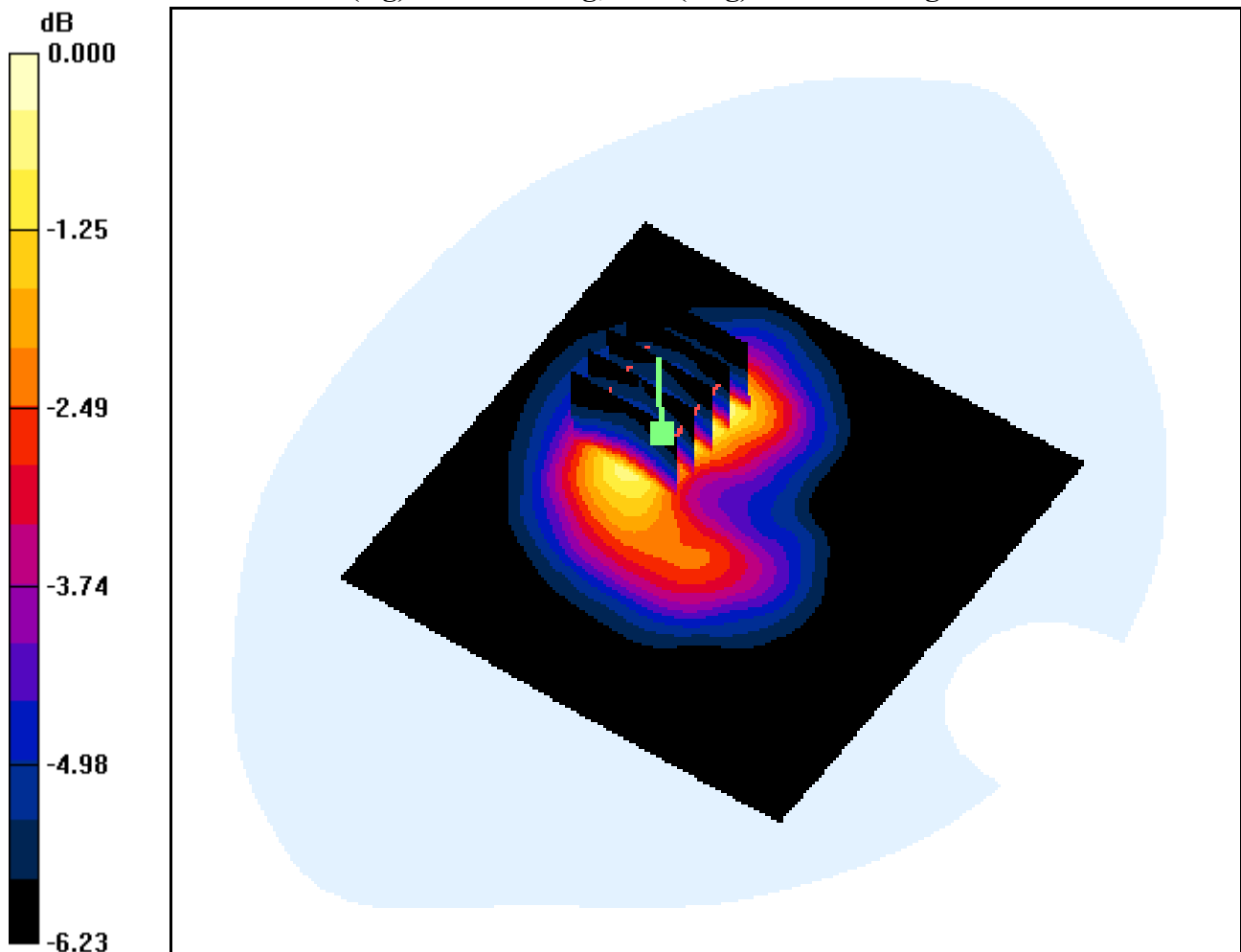
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.231 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.476 mW/g



0 dB = 0.916mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Right

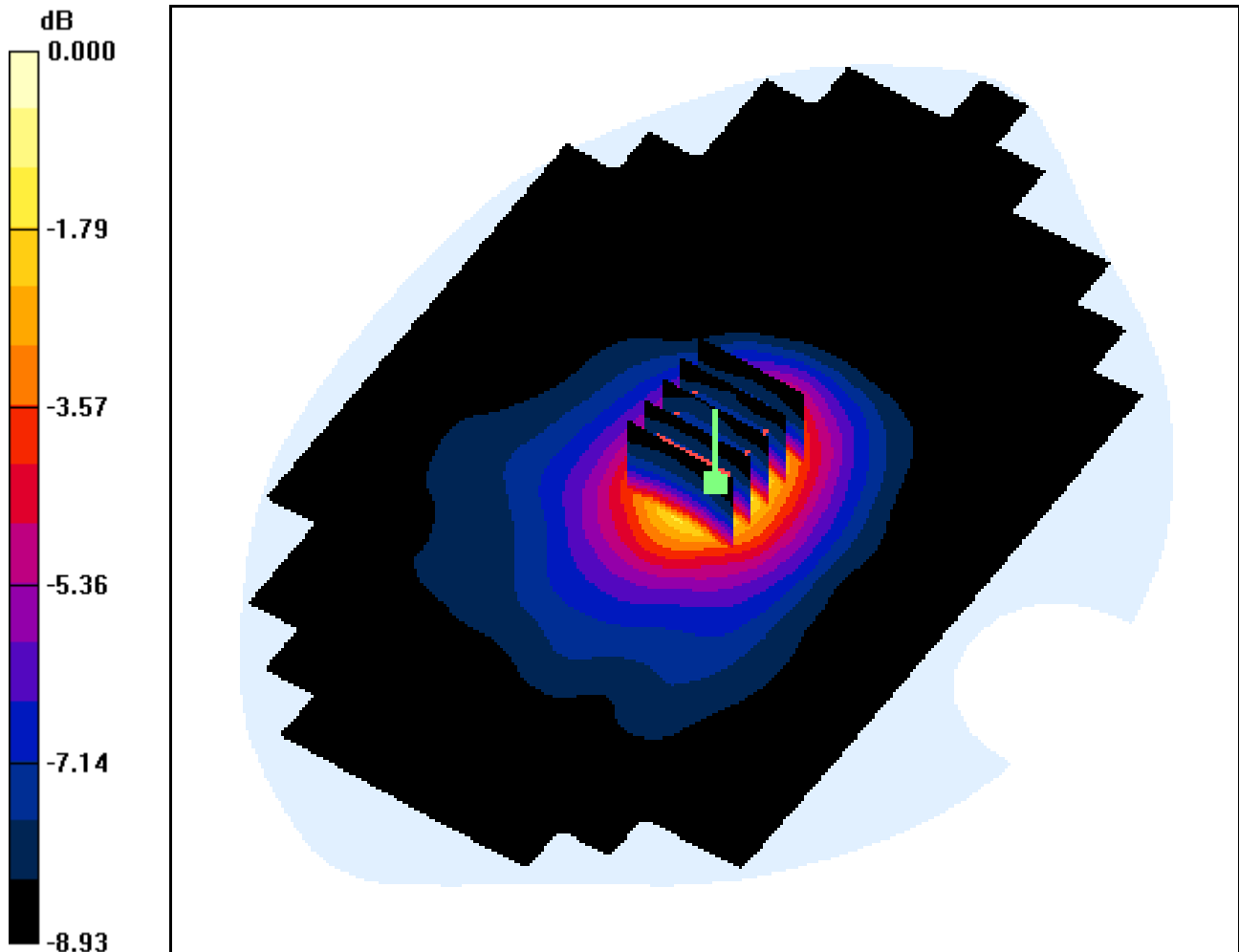
Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.403 mW/g



0 dB = 0.900mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Left

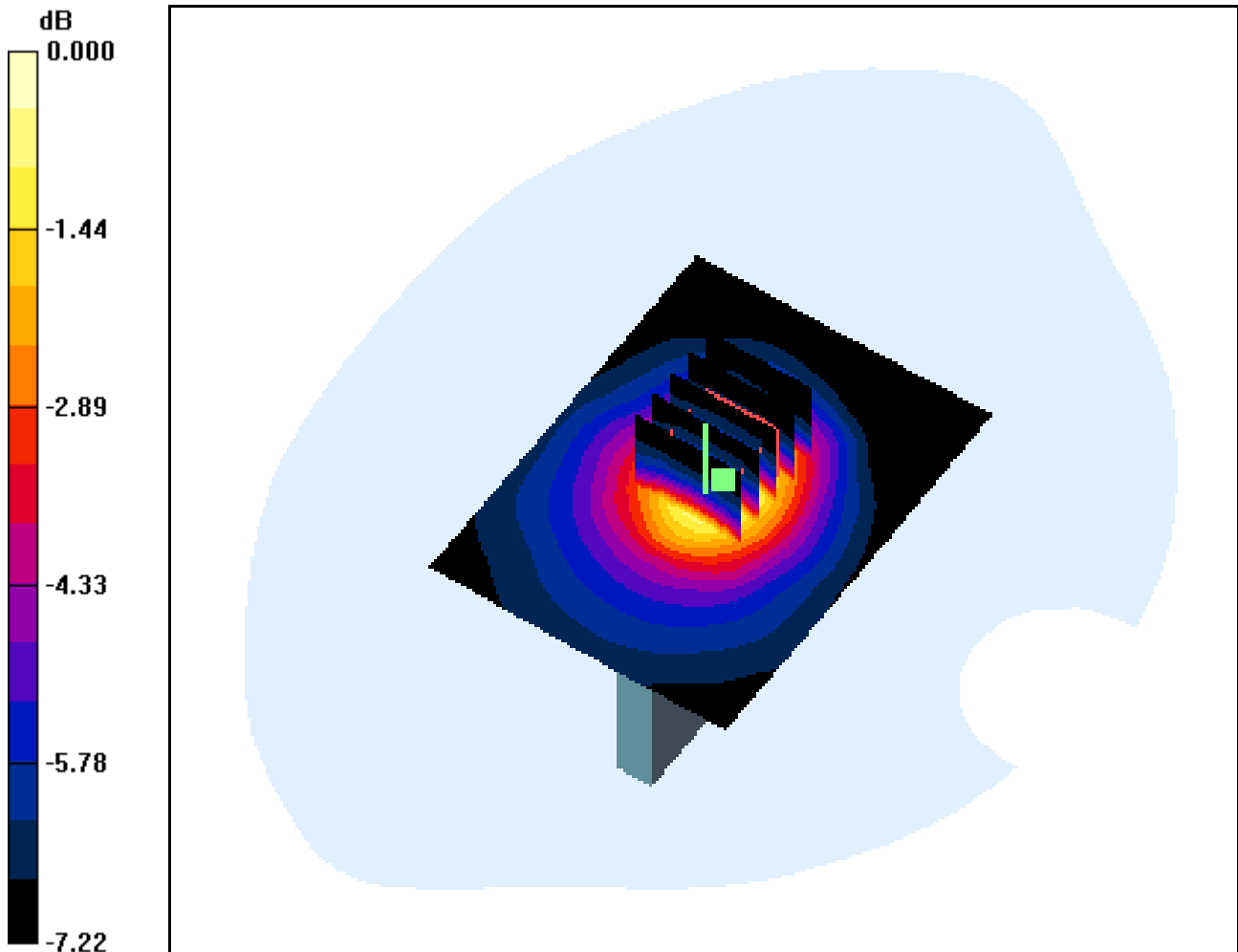
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.313 mW/g



0 dB = 0.641mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Top

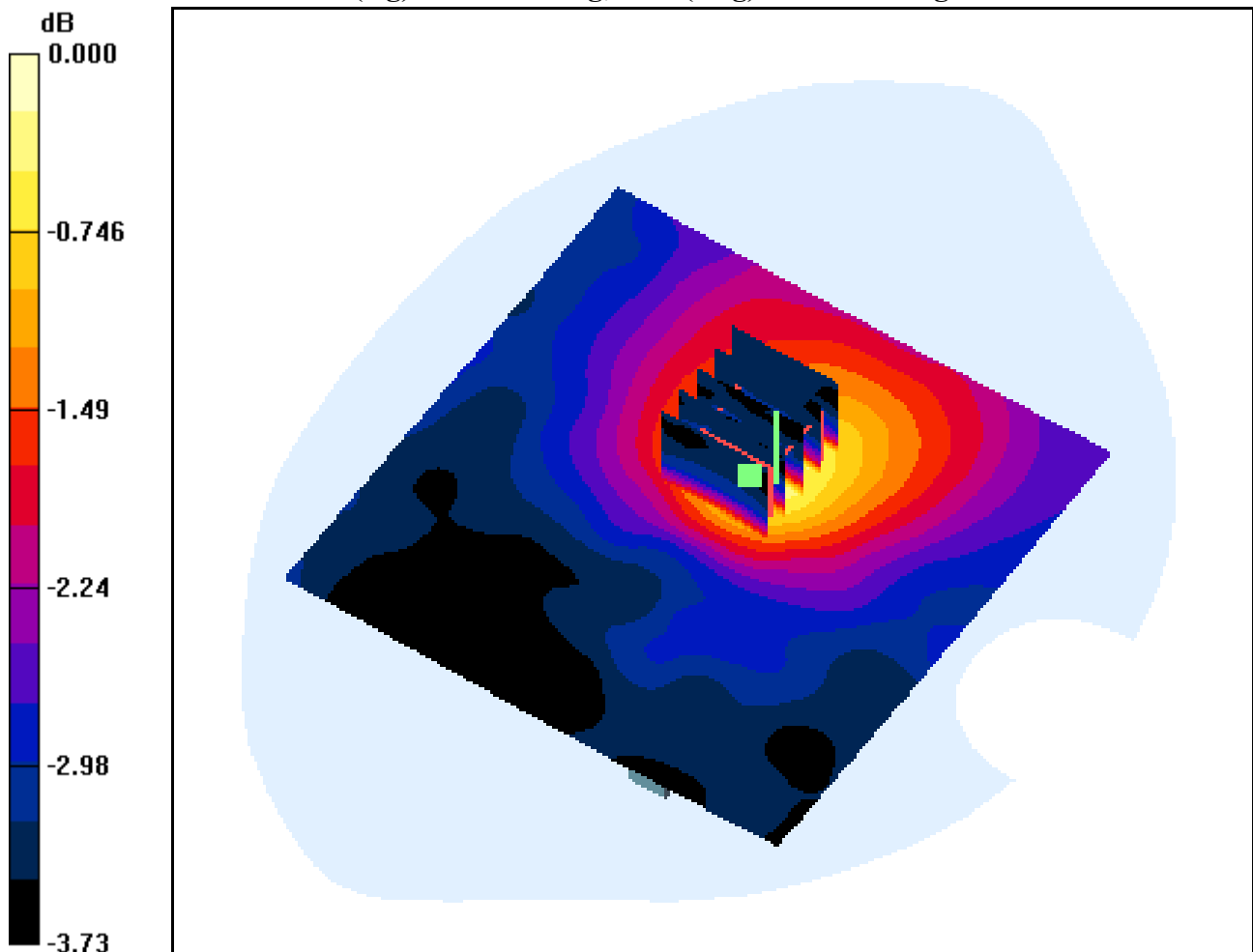
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.143 mW/g



0 dB = 0.217mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Bottom

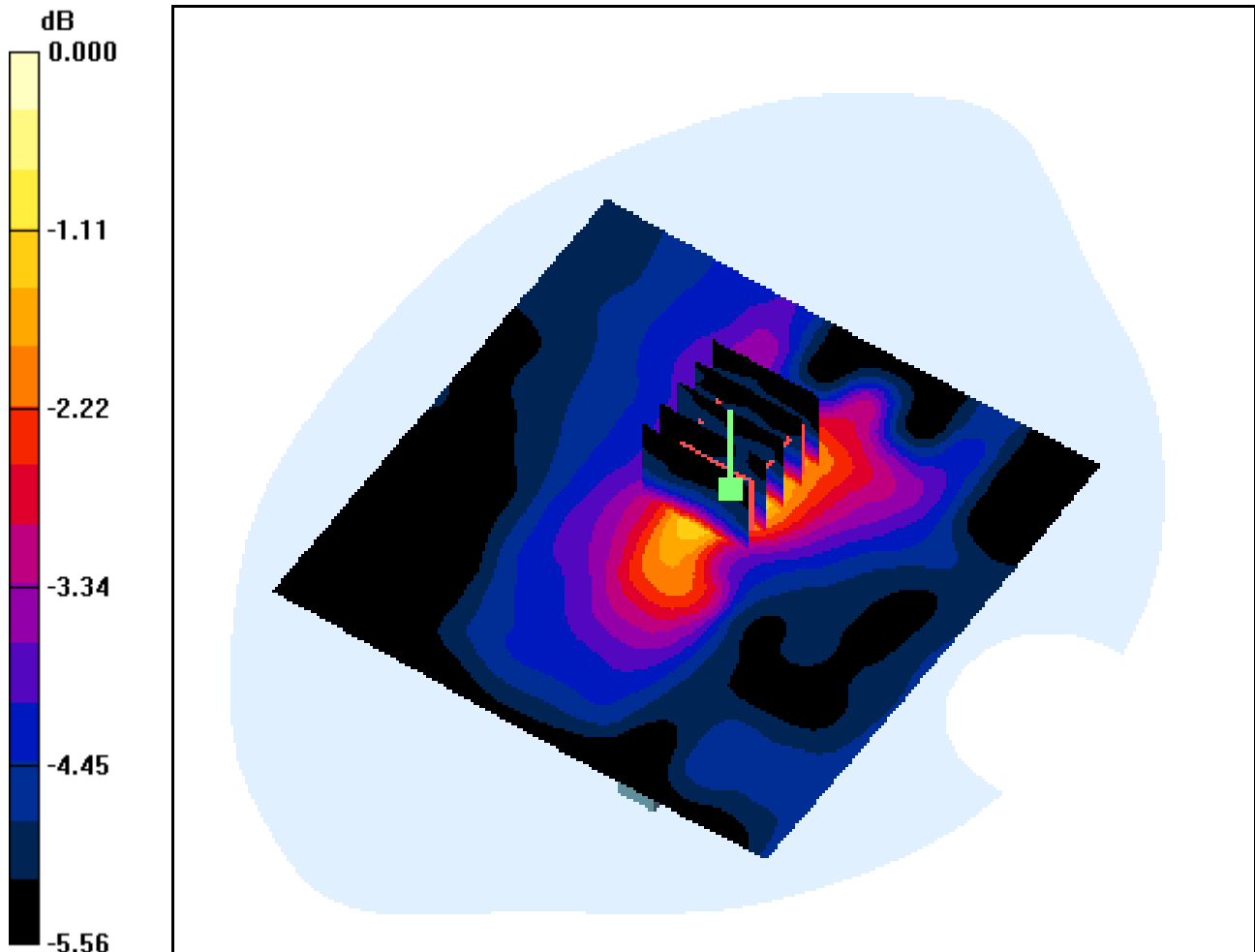
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.207 mW/g



0 dB = 0.399mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

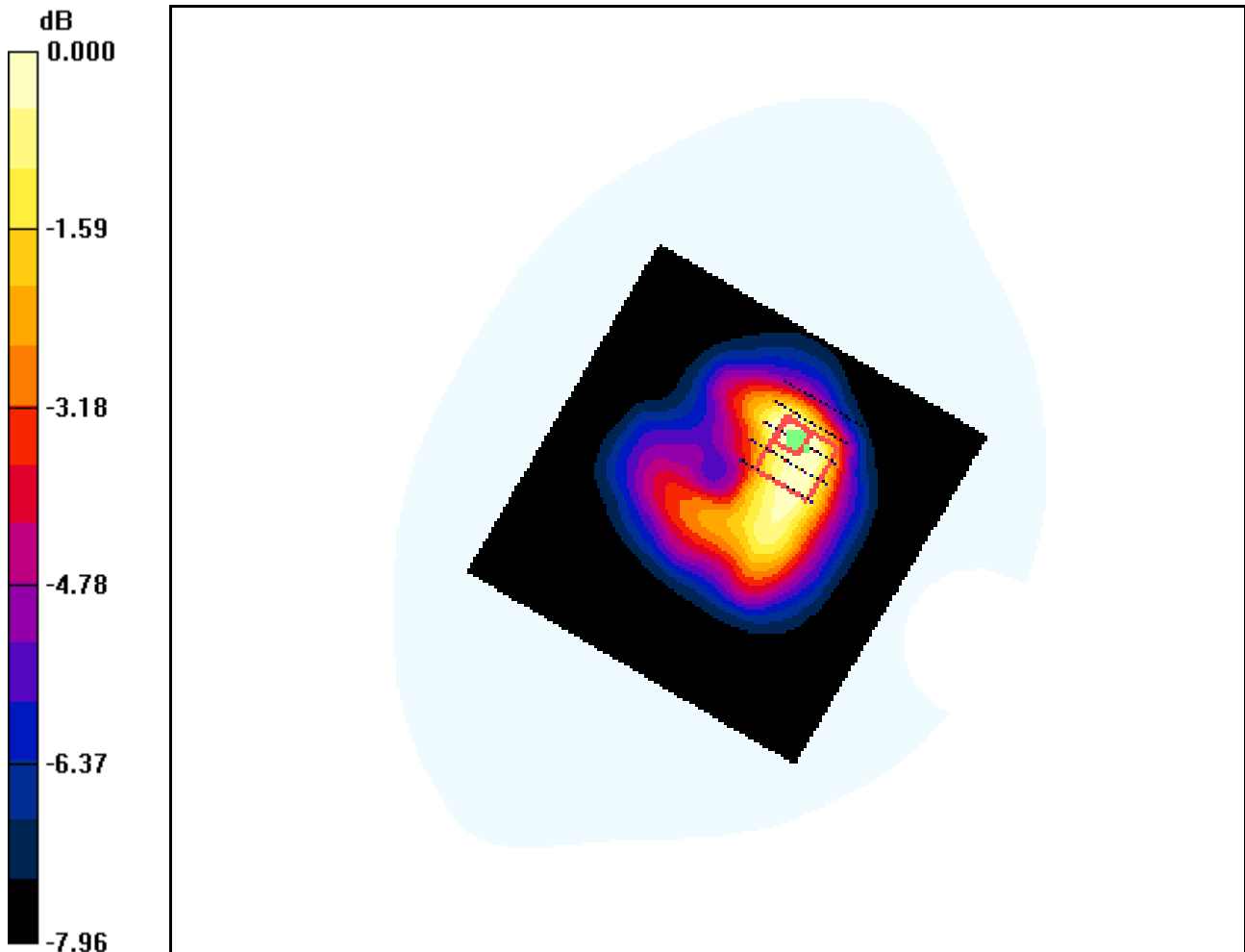
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.006 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.704 mW/g



0 dB = 1.56mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

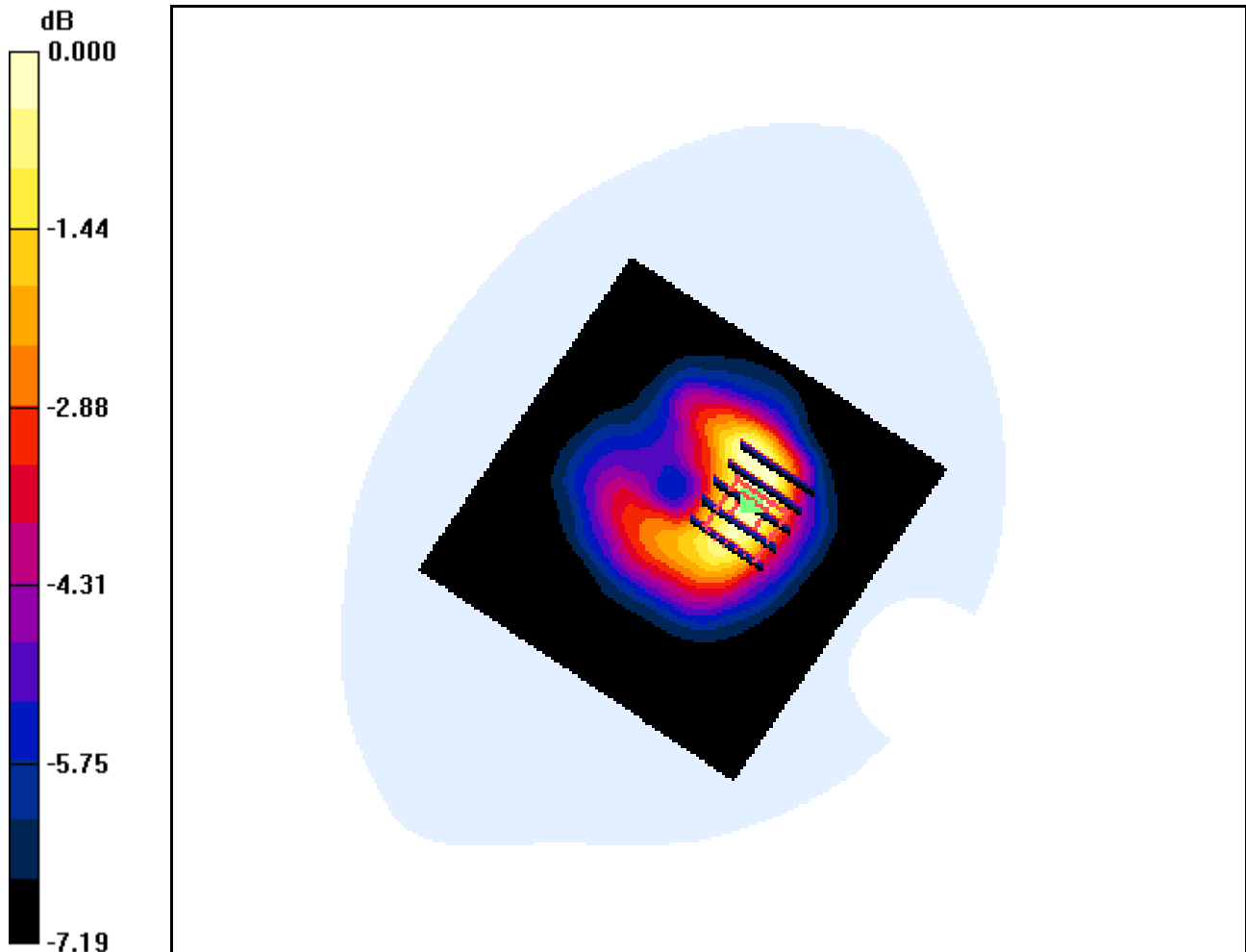
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.054 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.645 mW/g



0 dB = 1.34mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

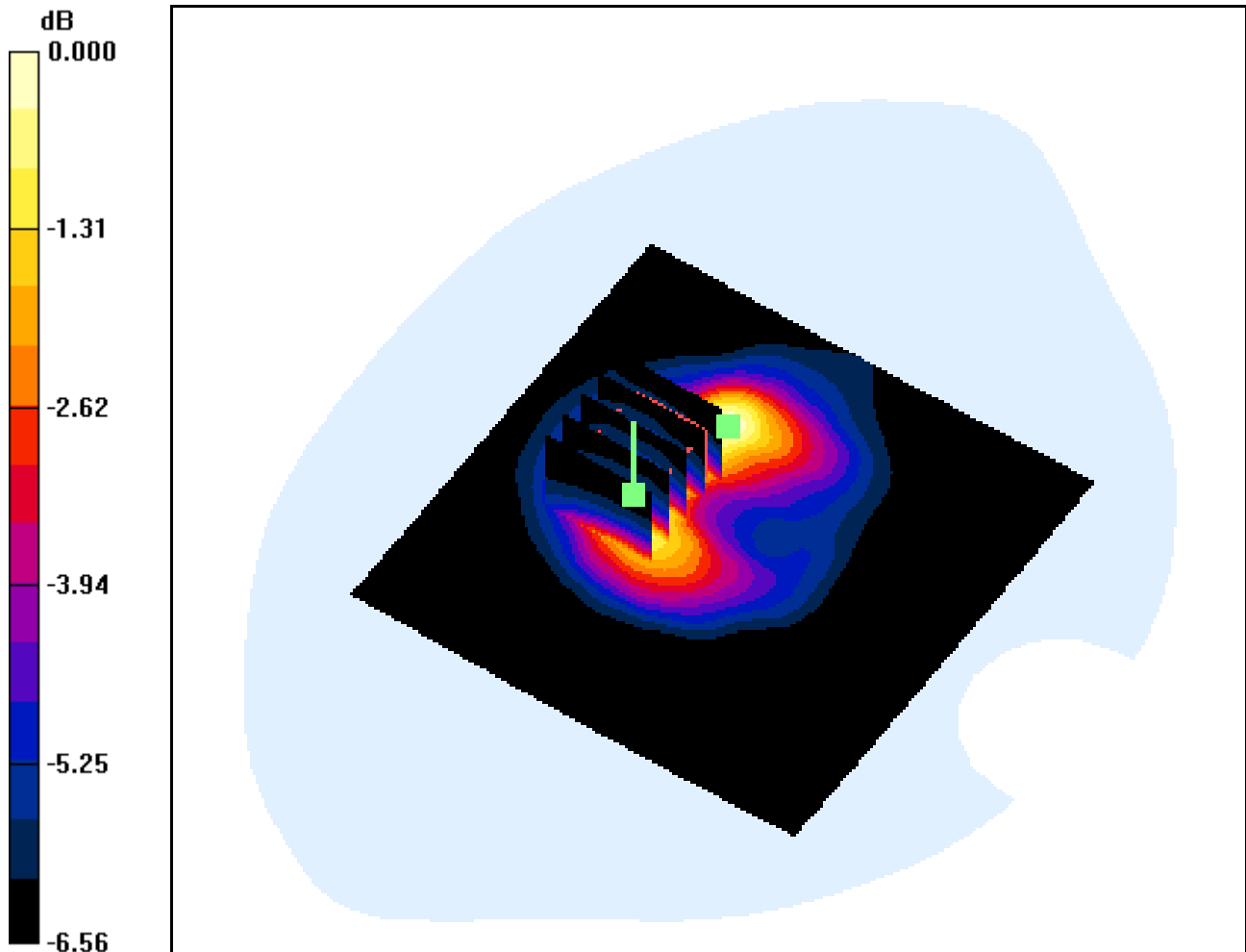
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.077 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.655 mW/g



0 dB = 1.30mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

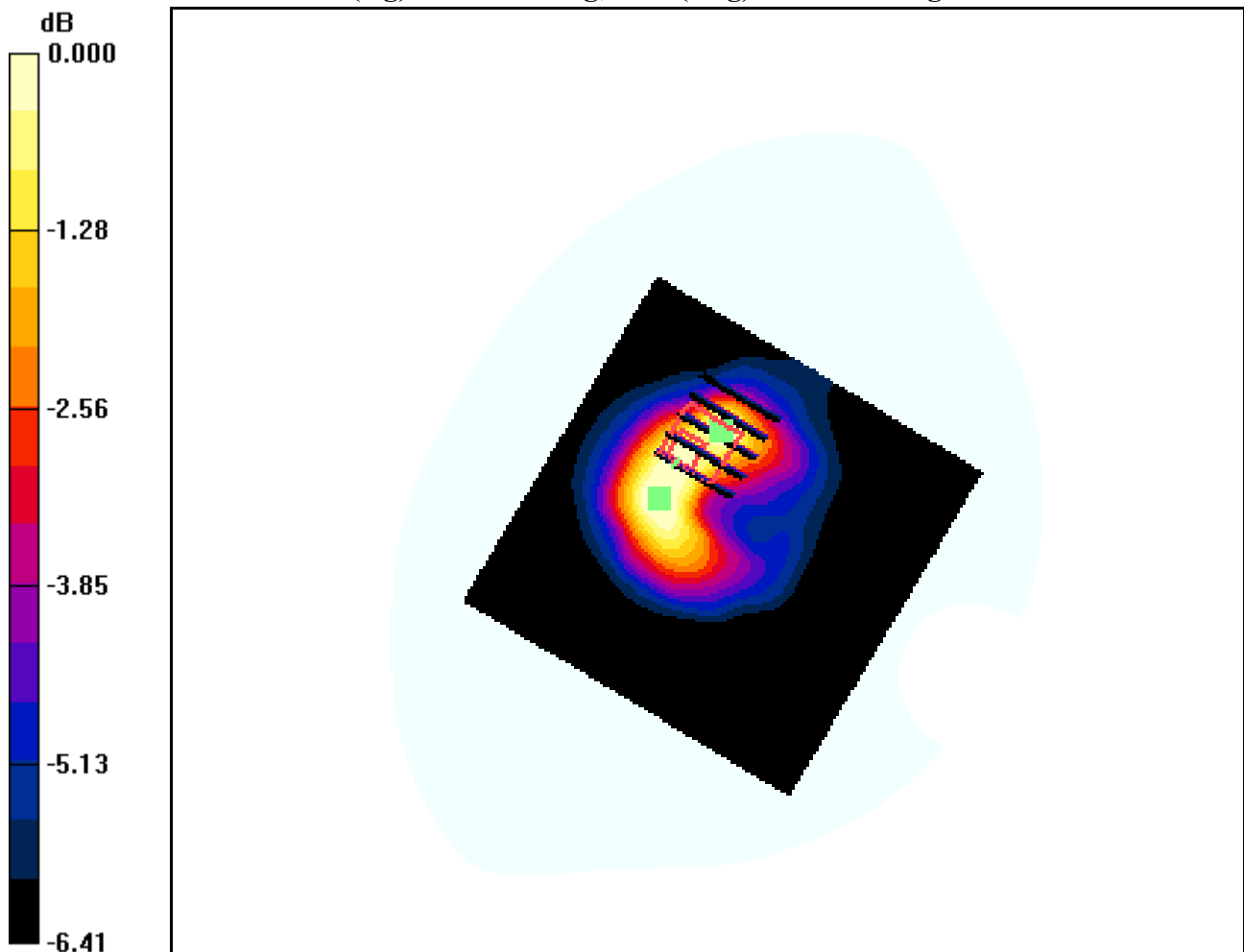
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.077 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.568 mW/g



0 dB = 1.24mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Rear

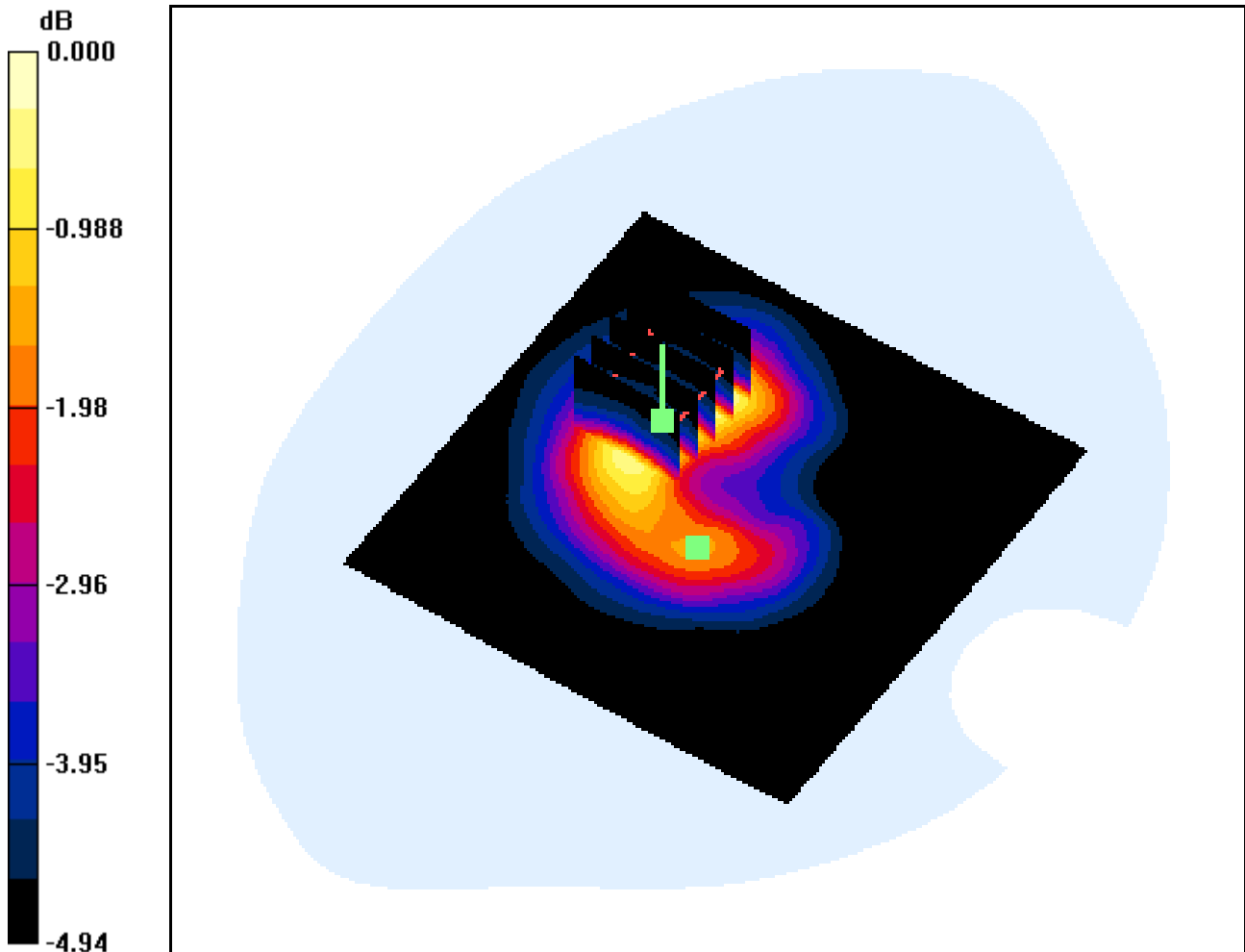
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.478 mW/g



0 dB = 0.845mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Rear

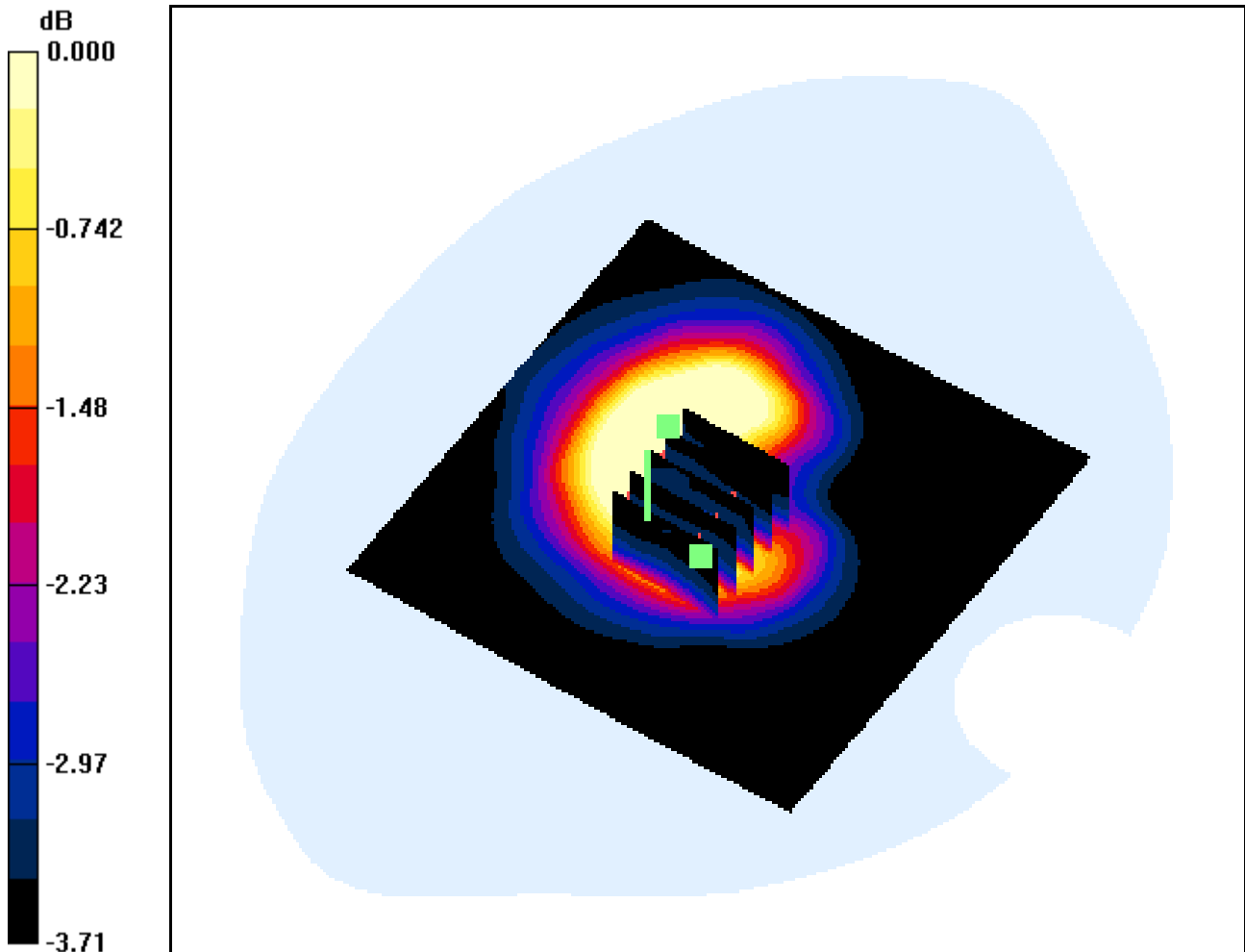
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.390 mW/g



0 dB = 0.612mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Right

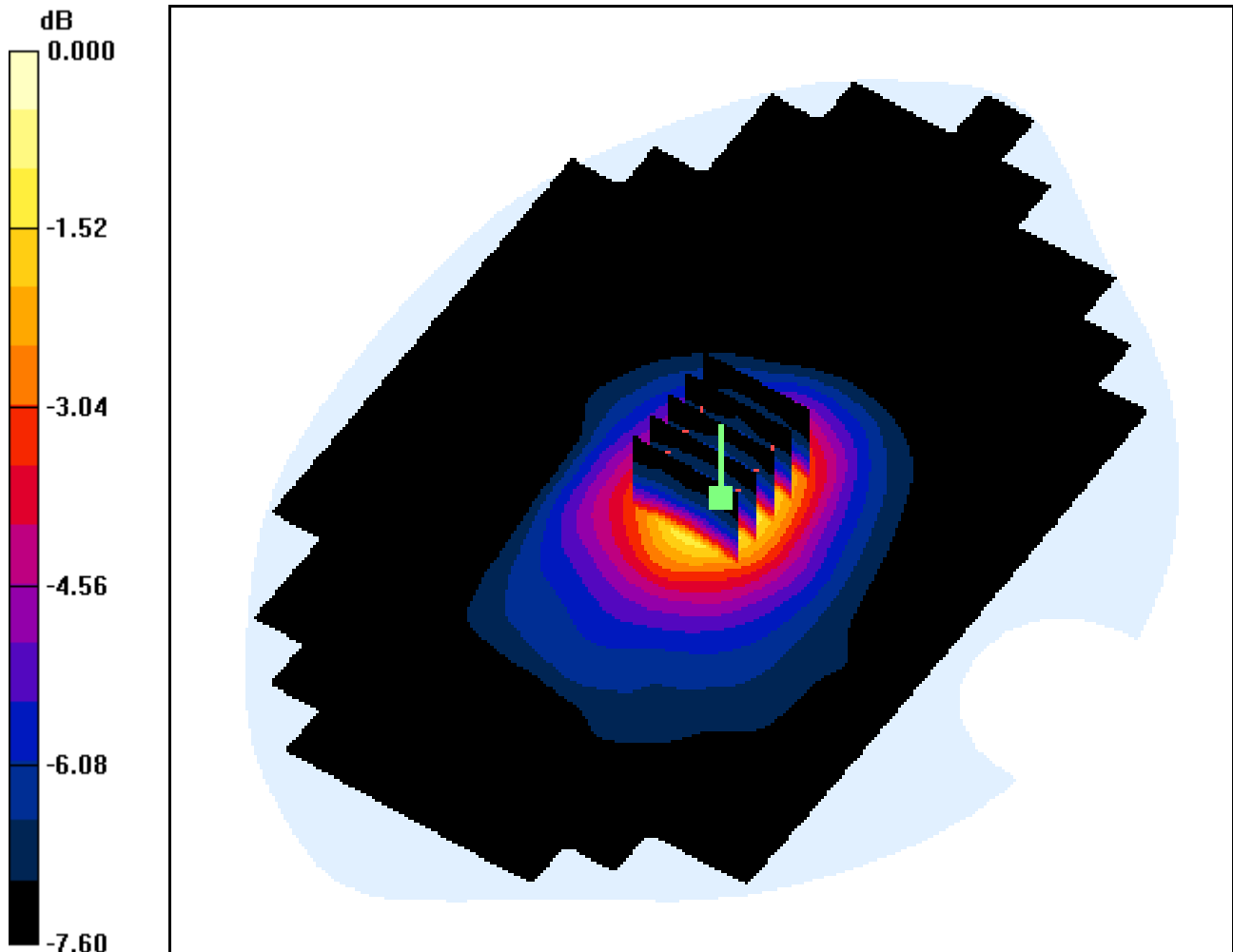
Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.091 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.366 mW/g



0 dB = 0.770mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Left

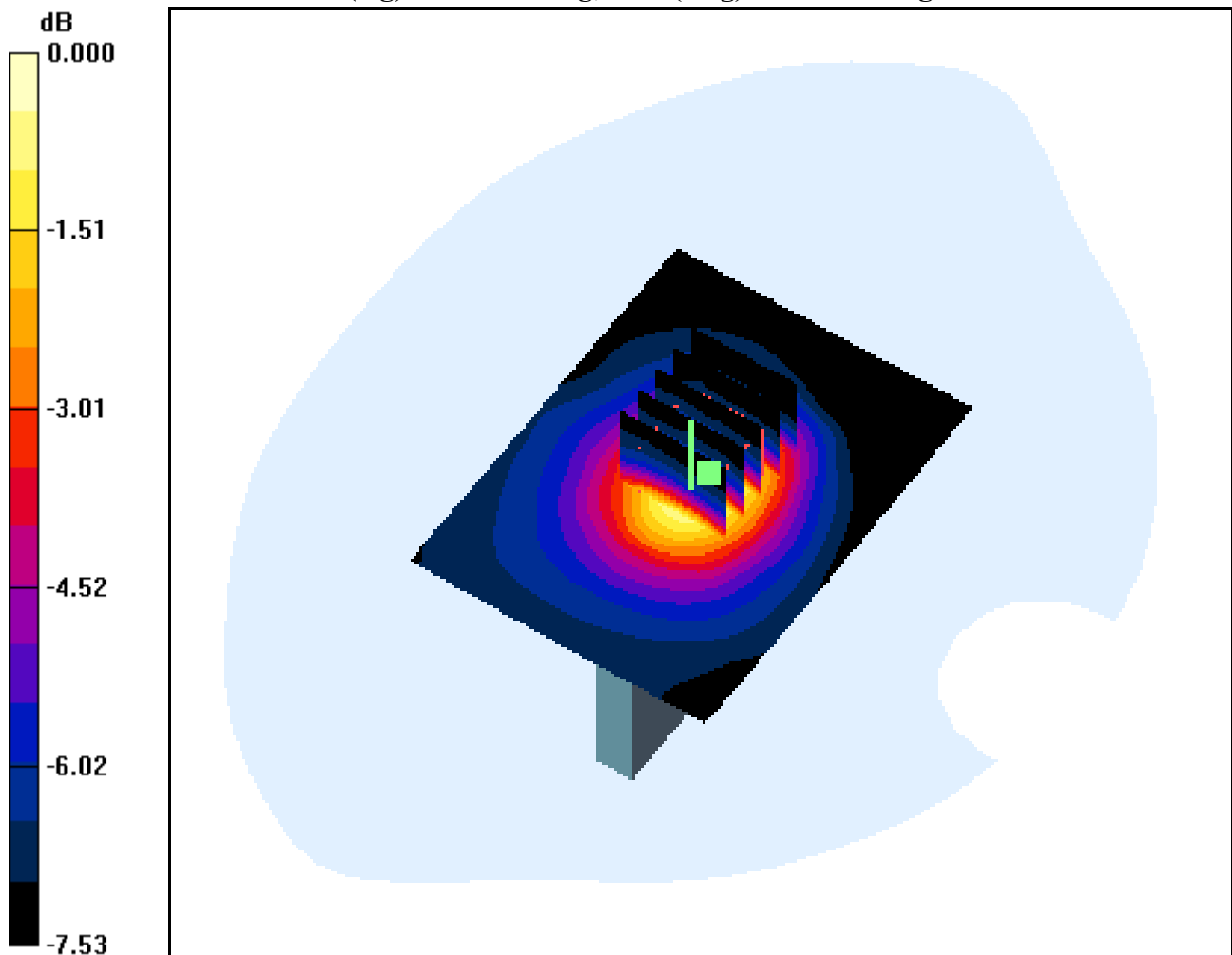
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.344 mW/g



0 dB = 0.719mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Top

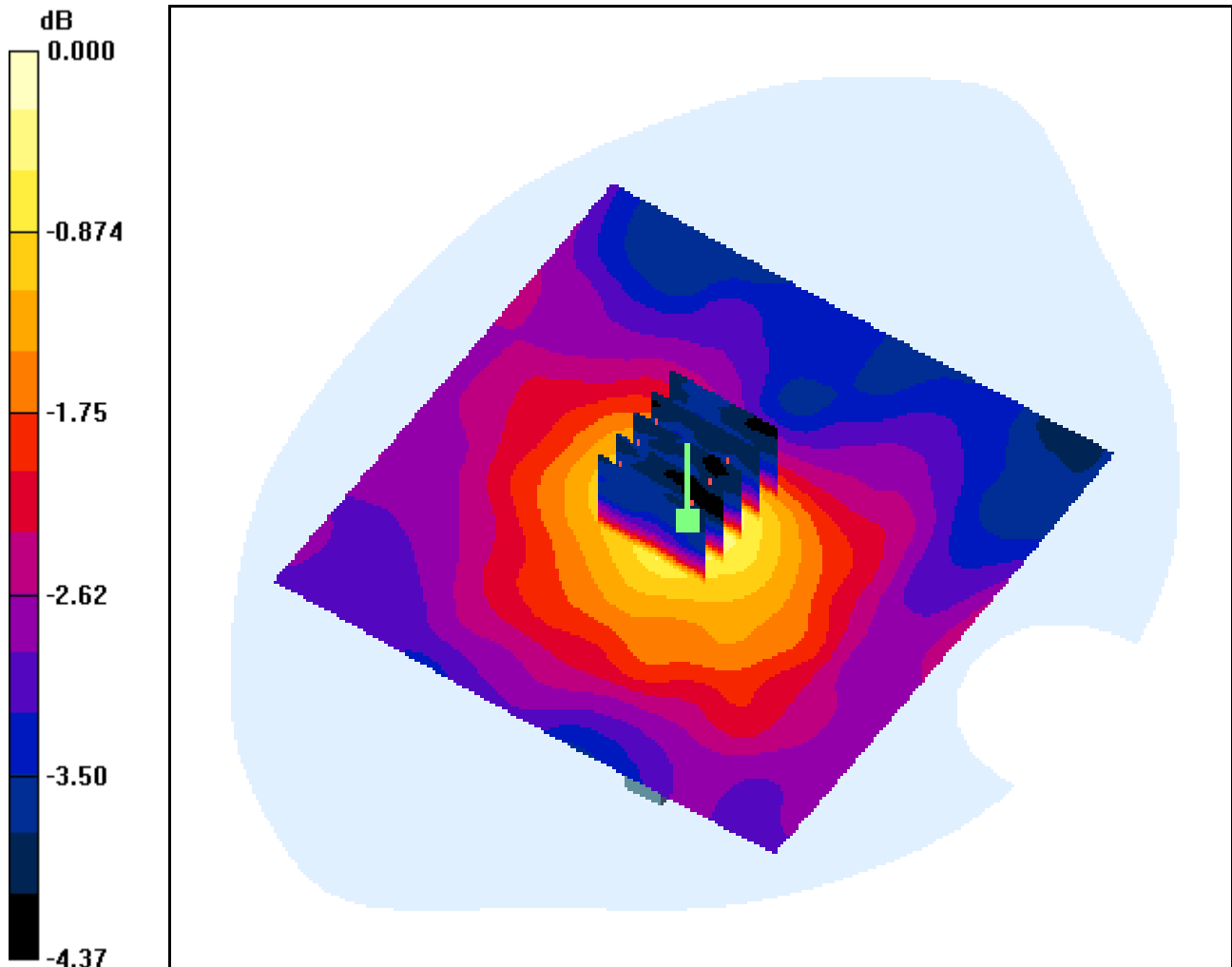
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.088 mW/g



0 dB = 0.139mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Bottom

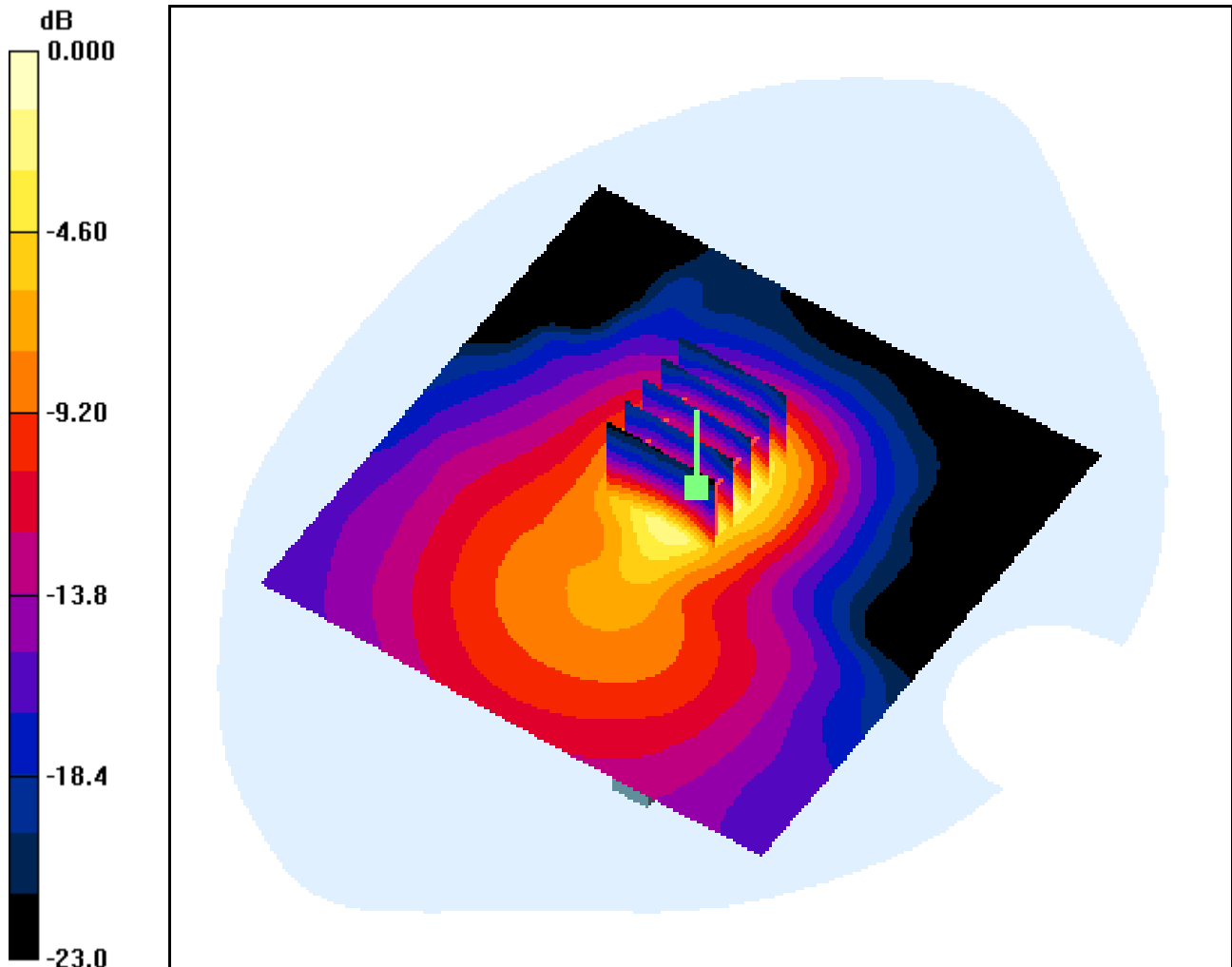
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.284 dB

Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.182 mW/g



0 dB = 0.534mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

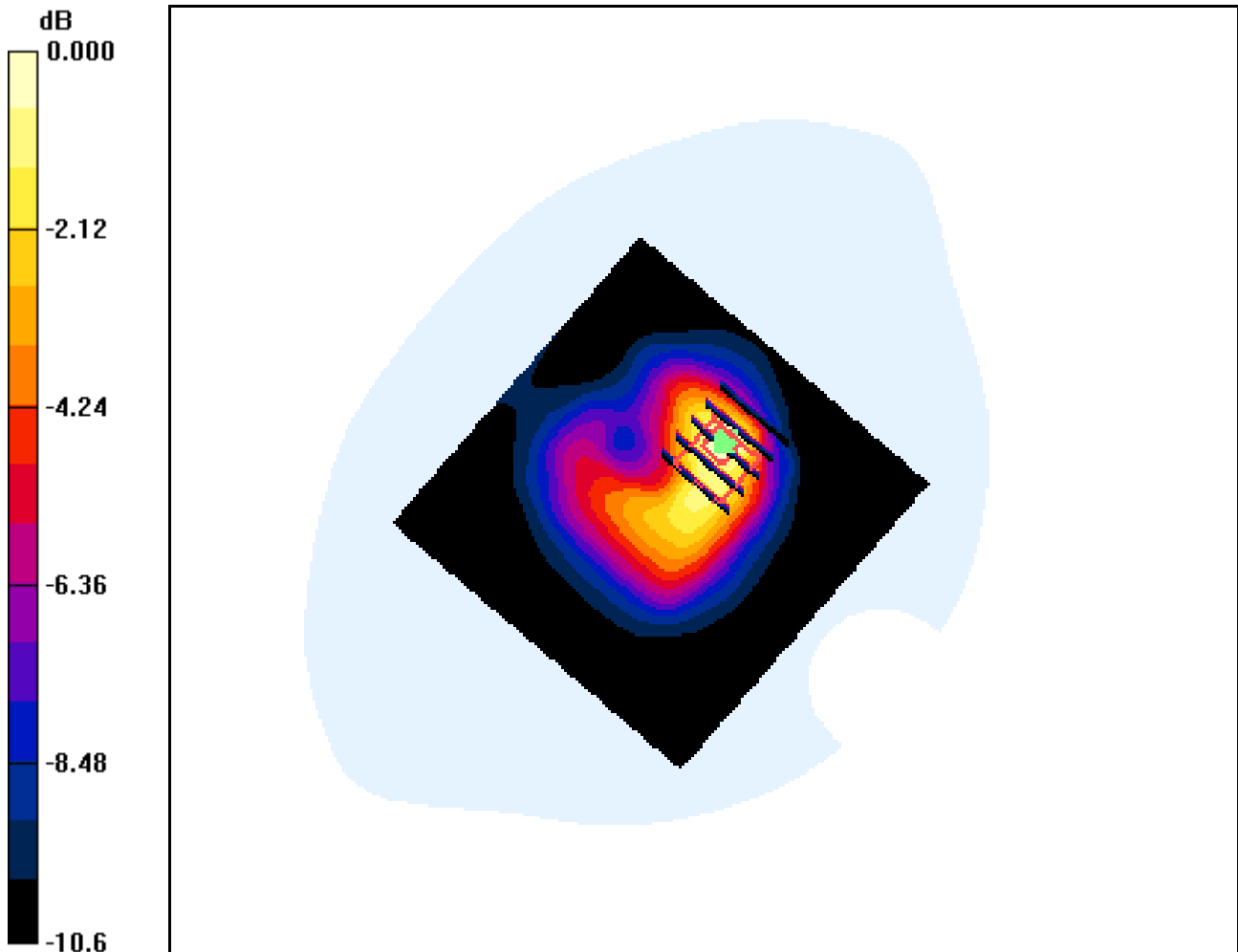
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.065 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.575 mW/g



0 dB = 1.55mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

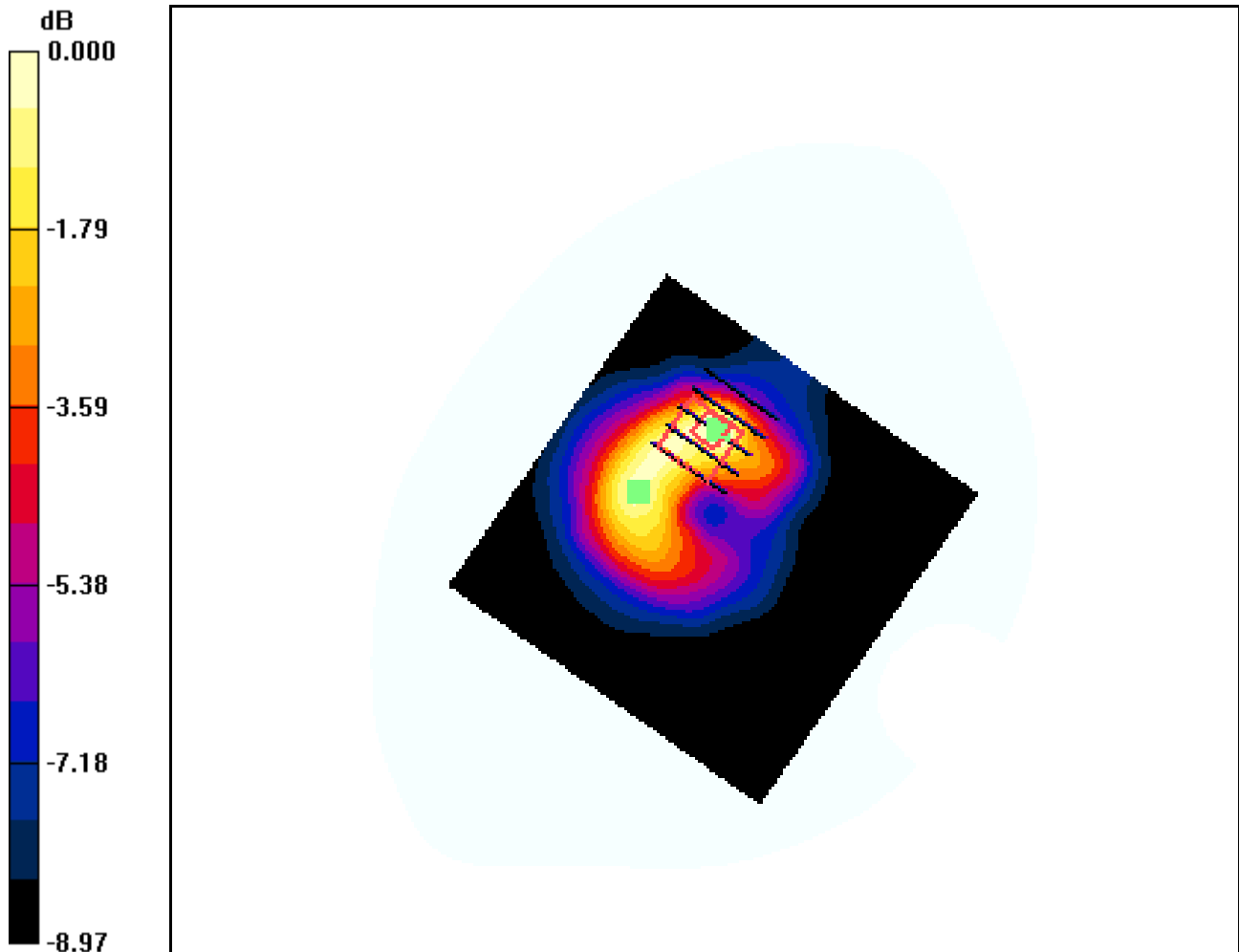
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.141 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.406 mW/g



0 dB = 1.05mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

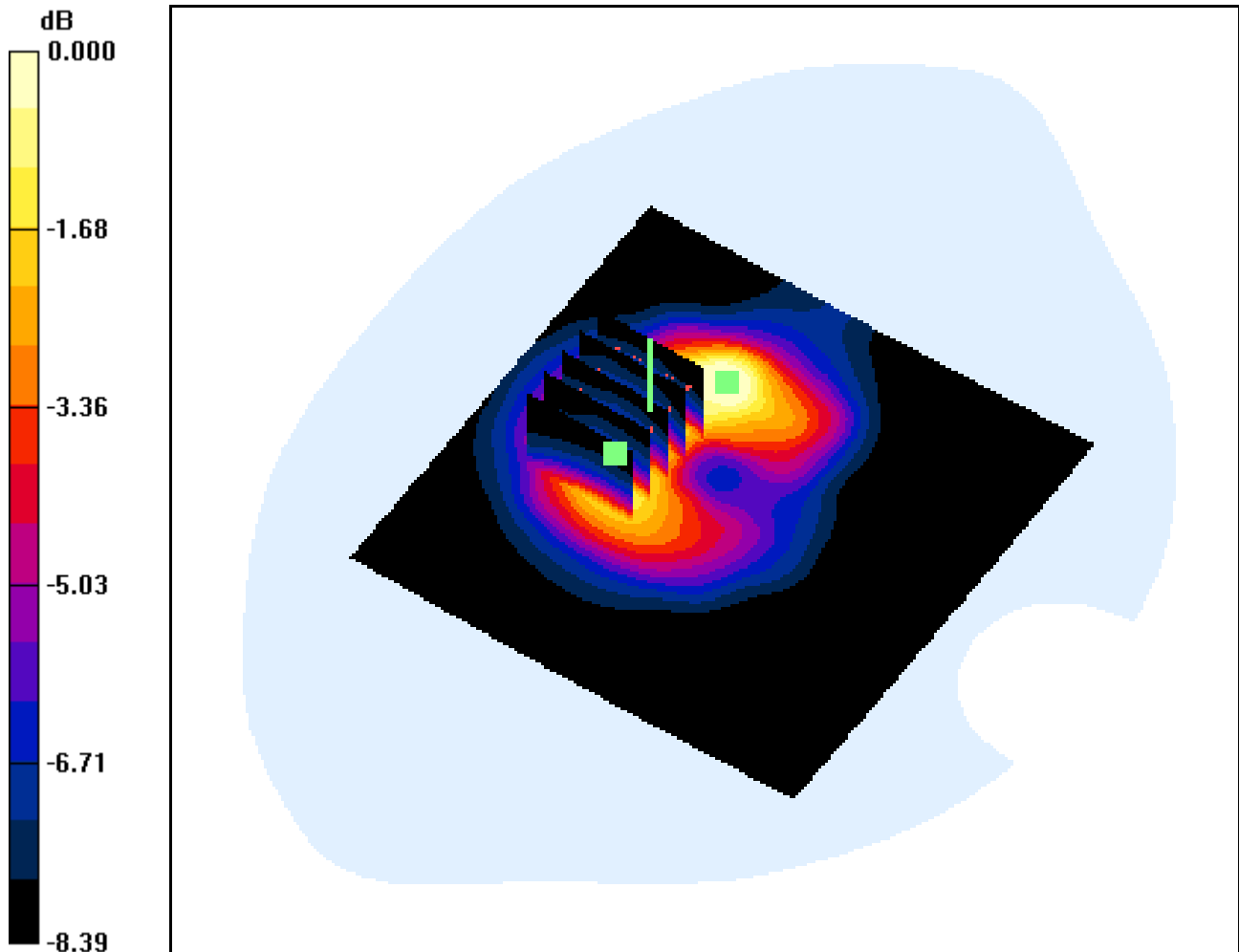
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.141 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.426 mW/g



0 dB = 0.960mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.24$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

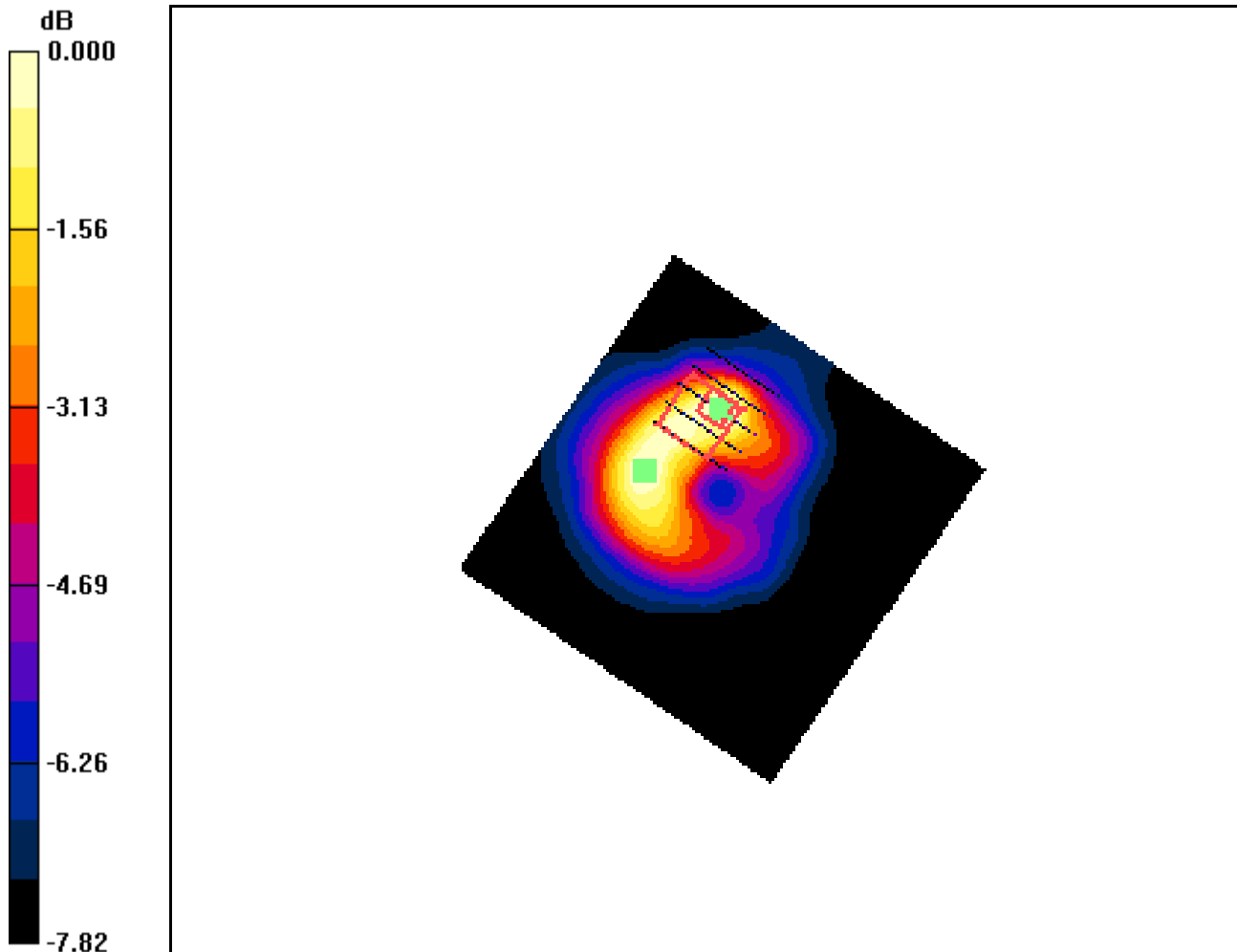
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.410 mW/g



0 dB = 0.966mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.24$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

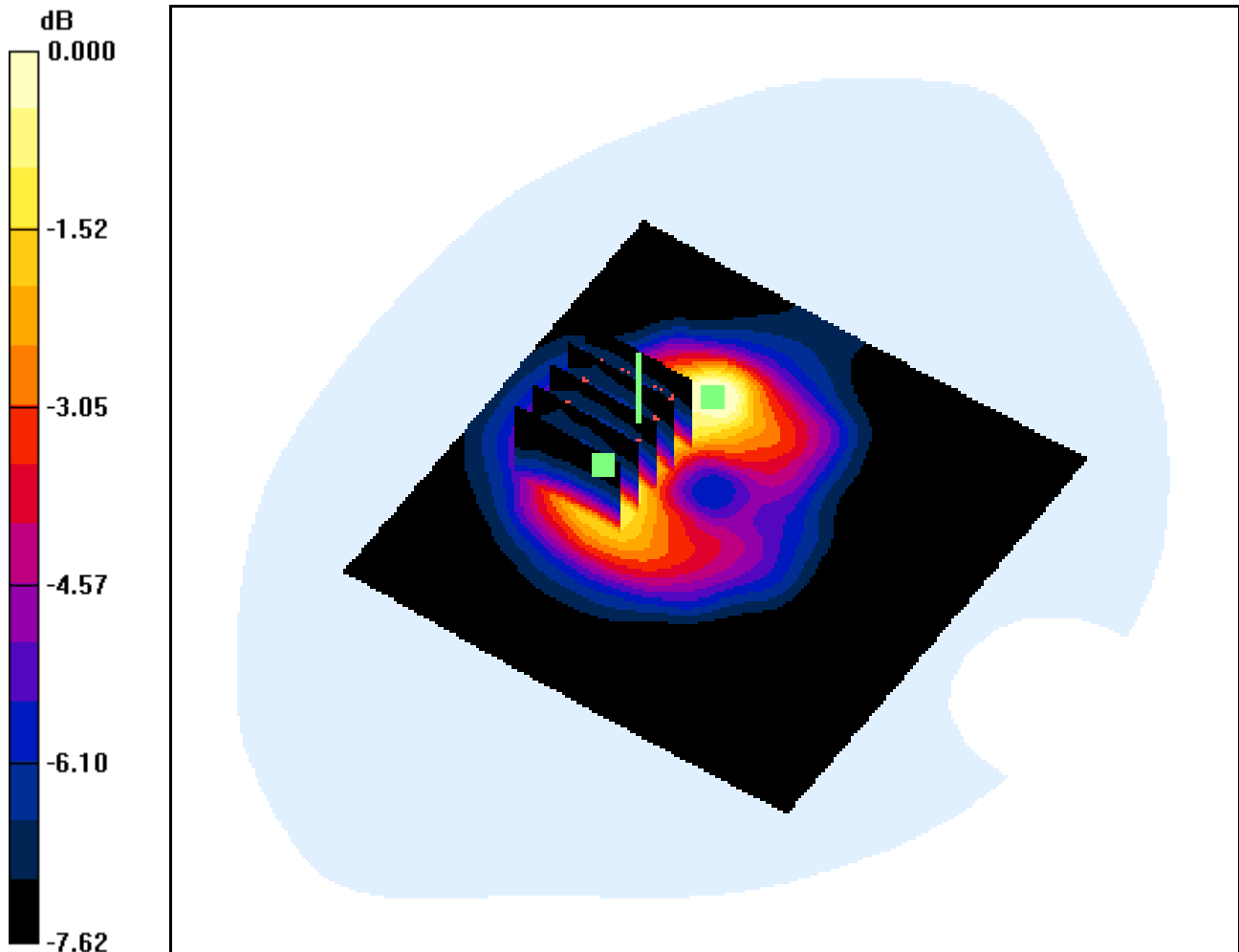
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.452 mW/g



0 dB = 0.955mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Rear

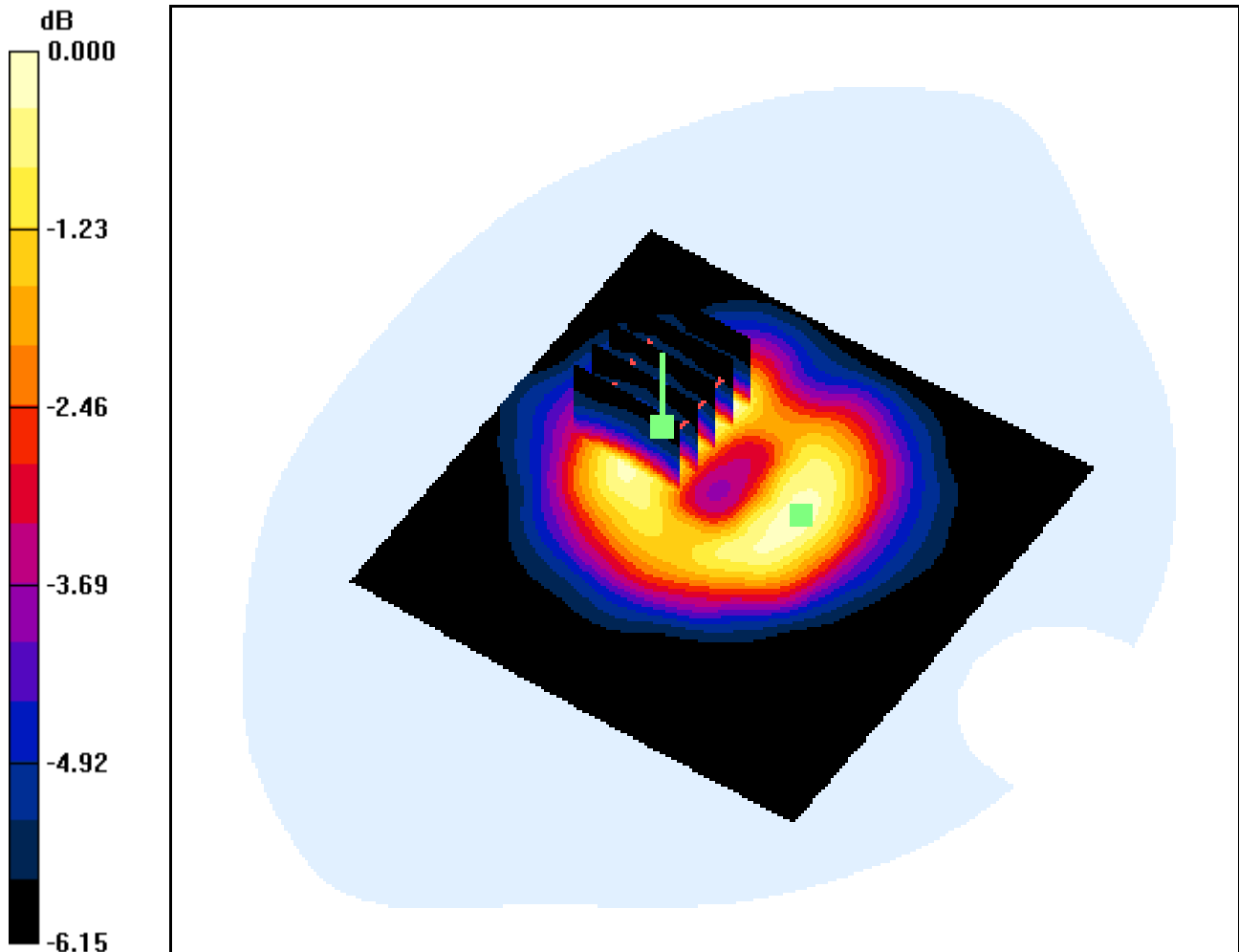
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.342 mW/g



0 dB = 0.653mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Rear

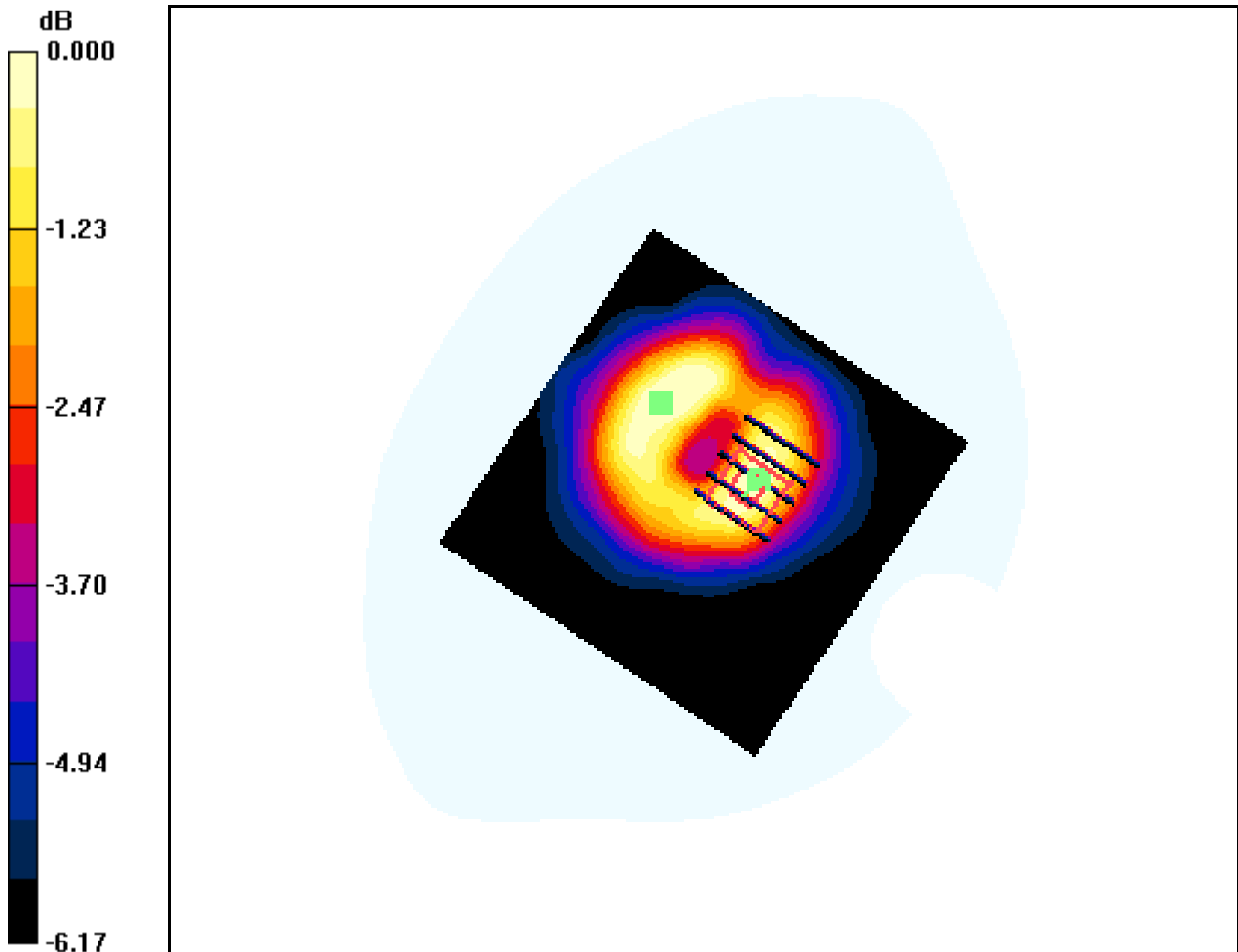
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.338 mW/g



0 dB = 0.634mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Right

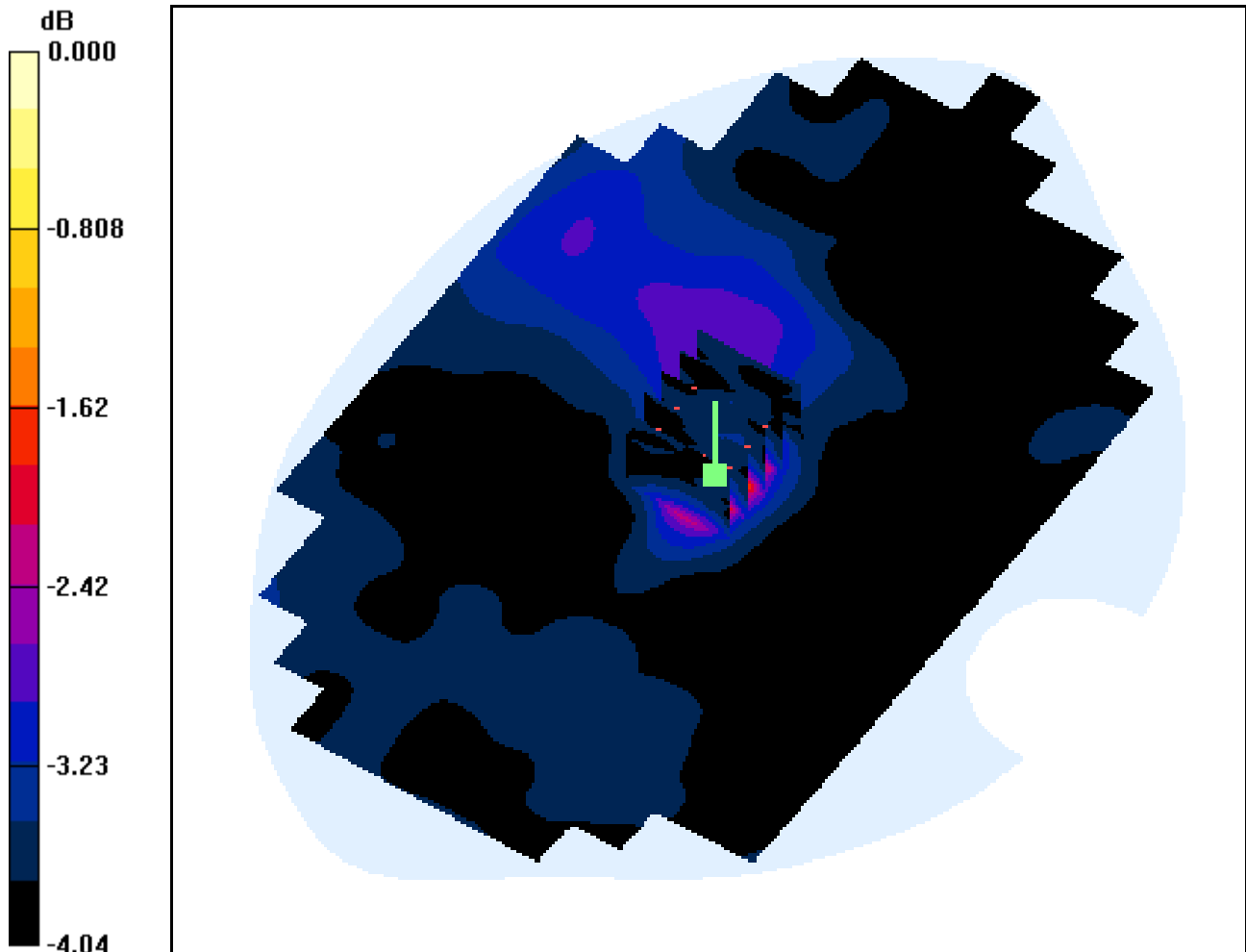
Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.134 mW/g



0 dB = 0.233mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Left

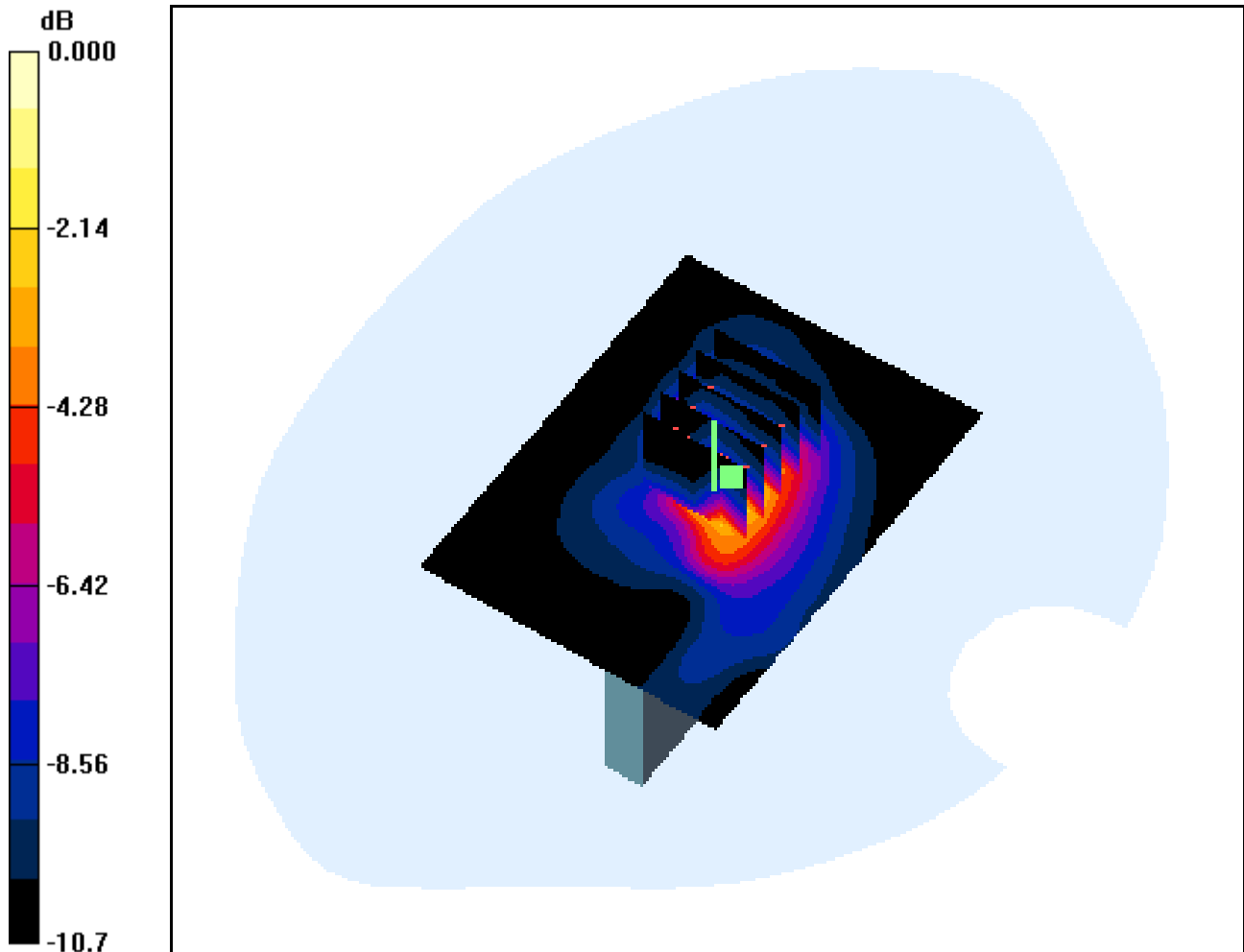
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.288 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.298 mW/g



0 dB = 0.791mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Top

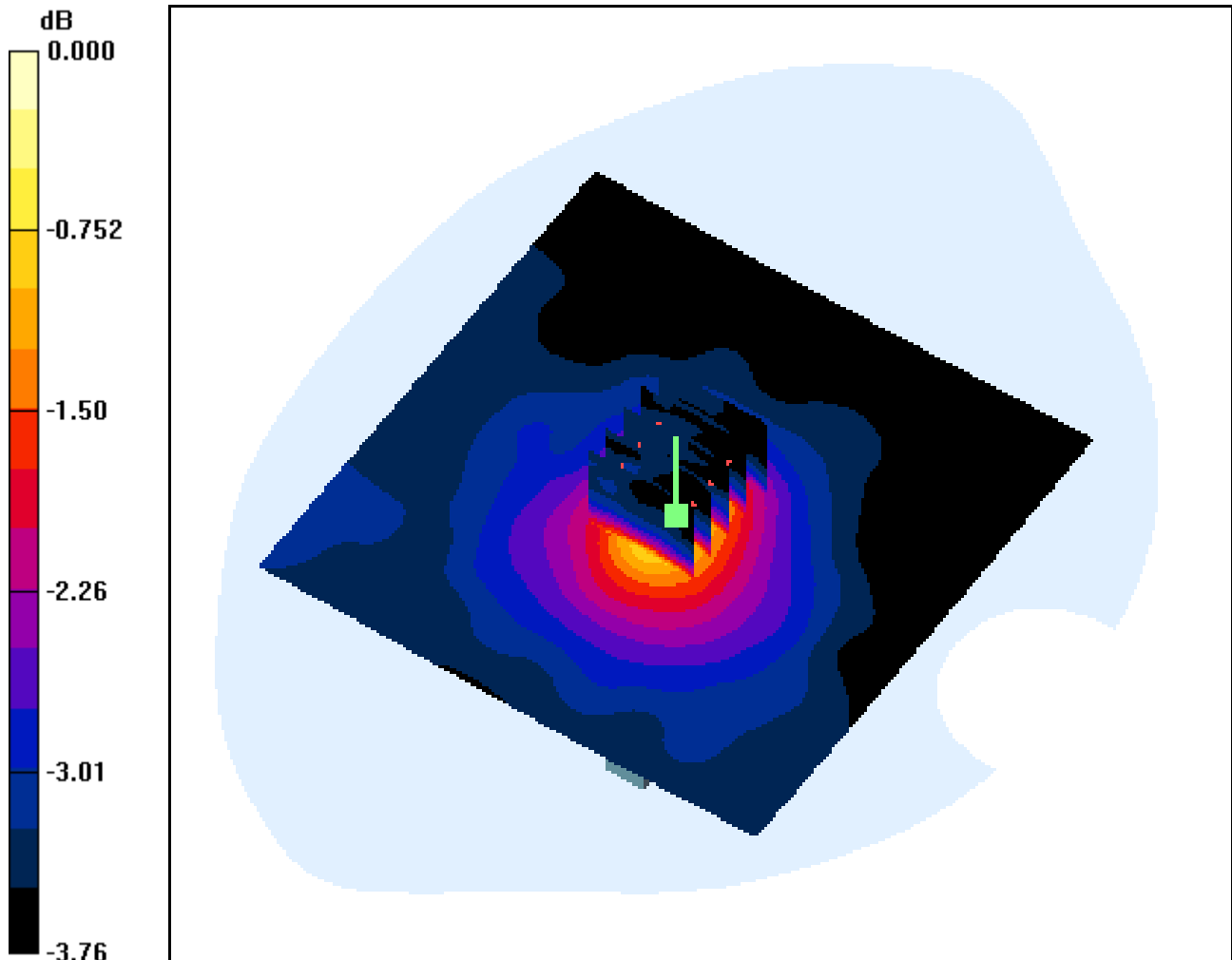
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.200 mW/g



0 dB = 0.318mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Bottom

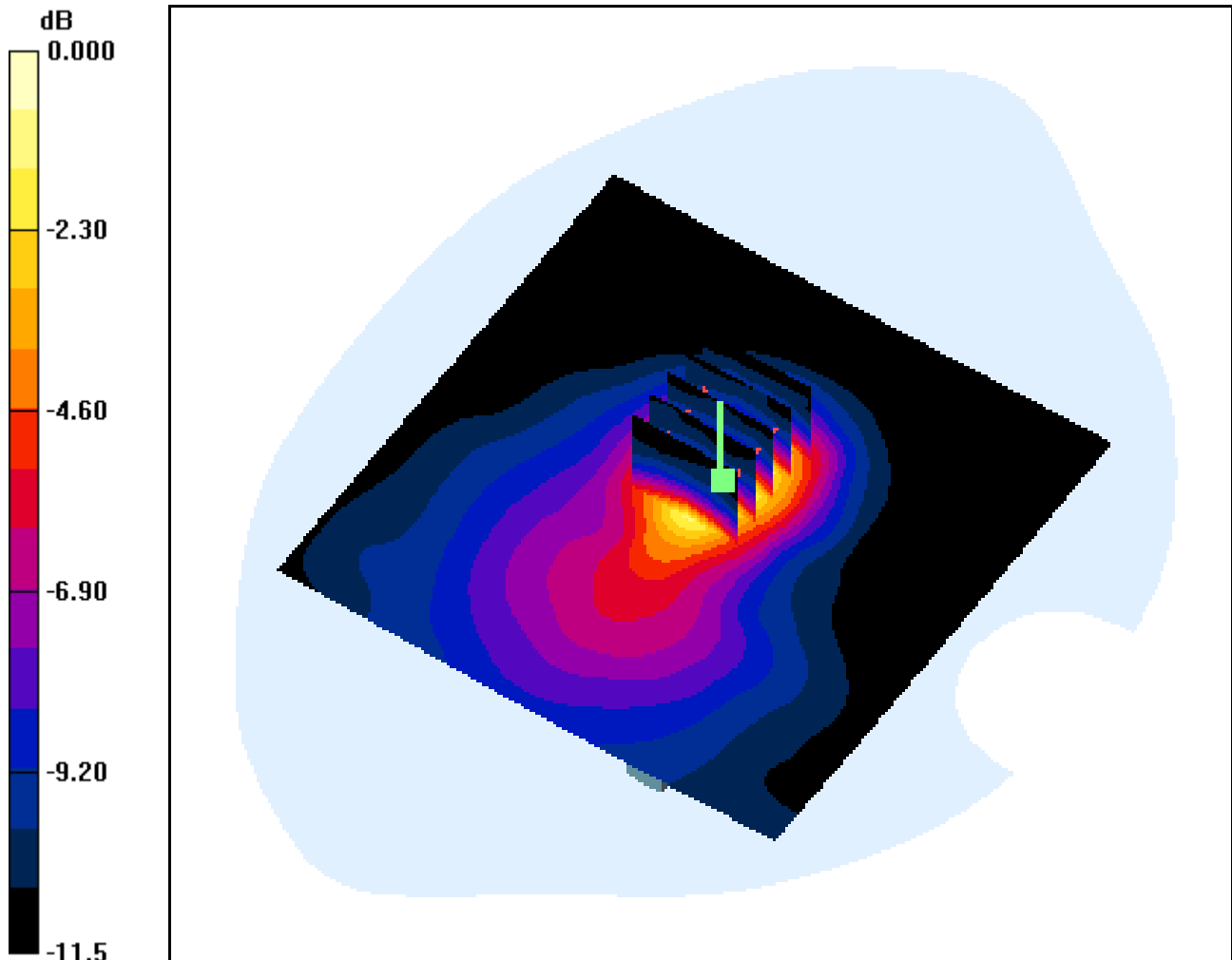
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.223 mW/g



0 dB = 0.574mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

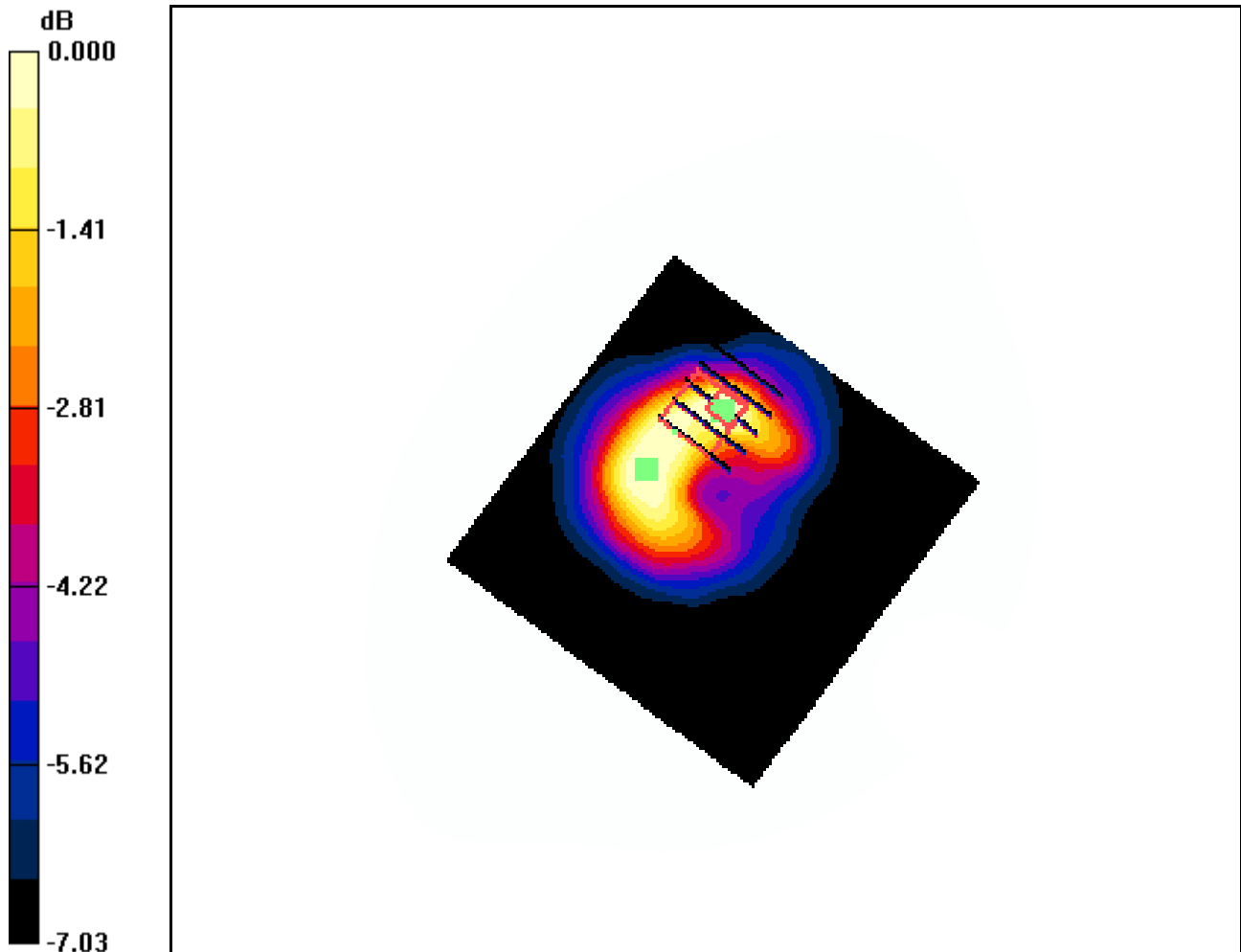
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.073 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.580 mW/g



0 dB = 1.27mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

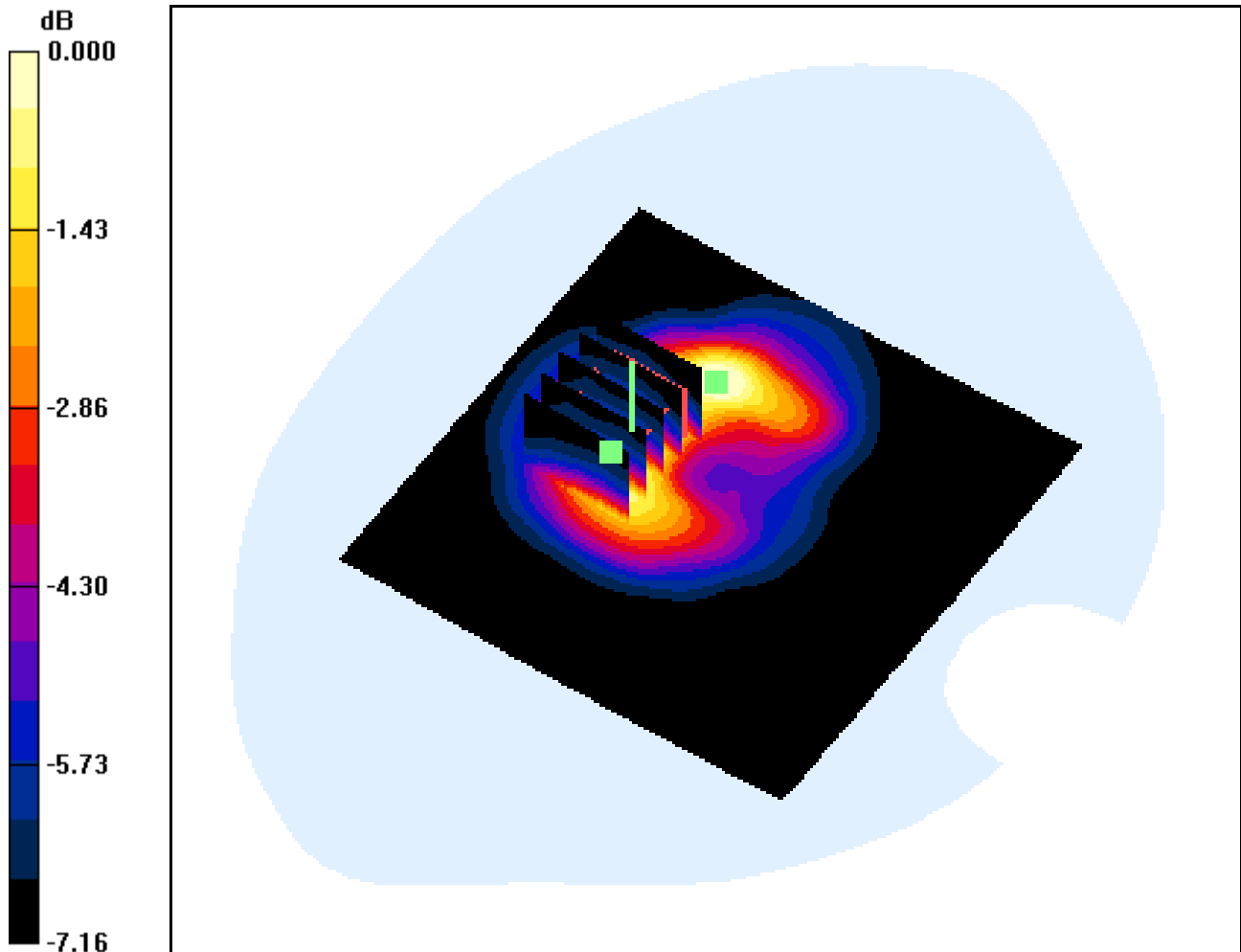
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.682 mW/g



0 dB = 1.34mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

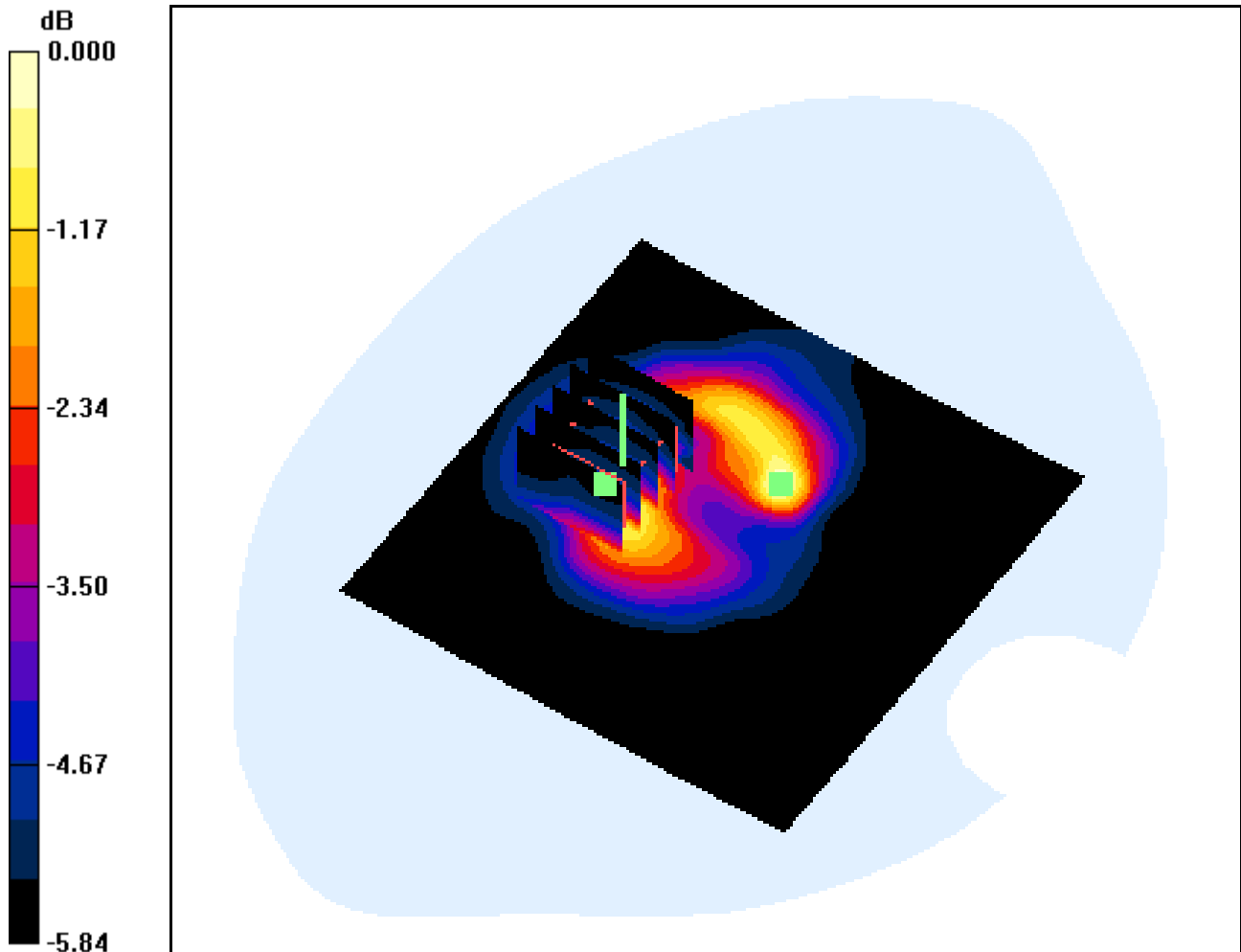
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.206 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.558 mW/g



0 dB = 1.05mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

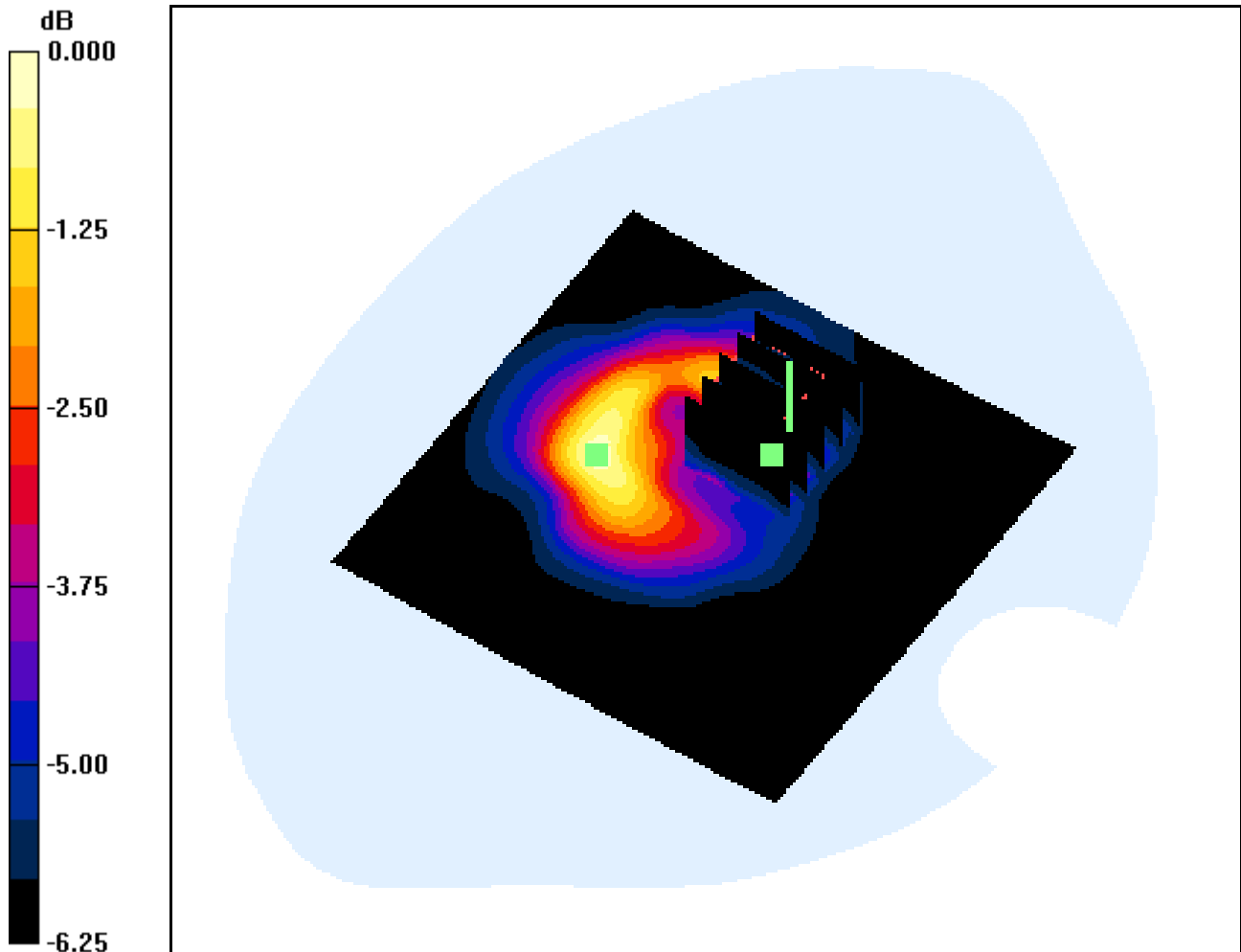
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.206 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.495 mW/g



0 dB = 1.11mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.23$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

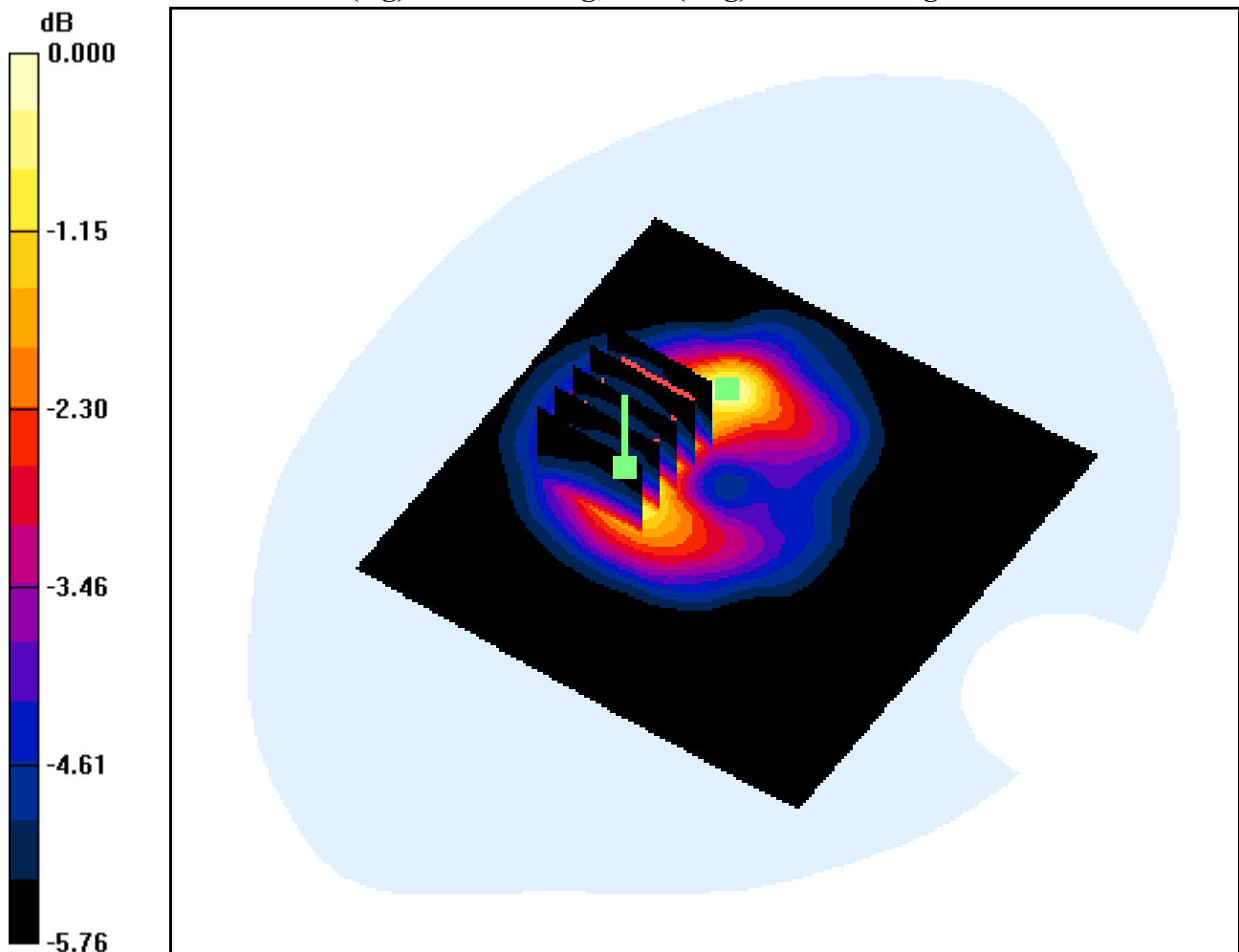
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.624 mW/g



0 dB = 1.16mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.23$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

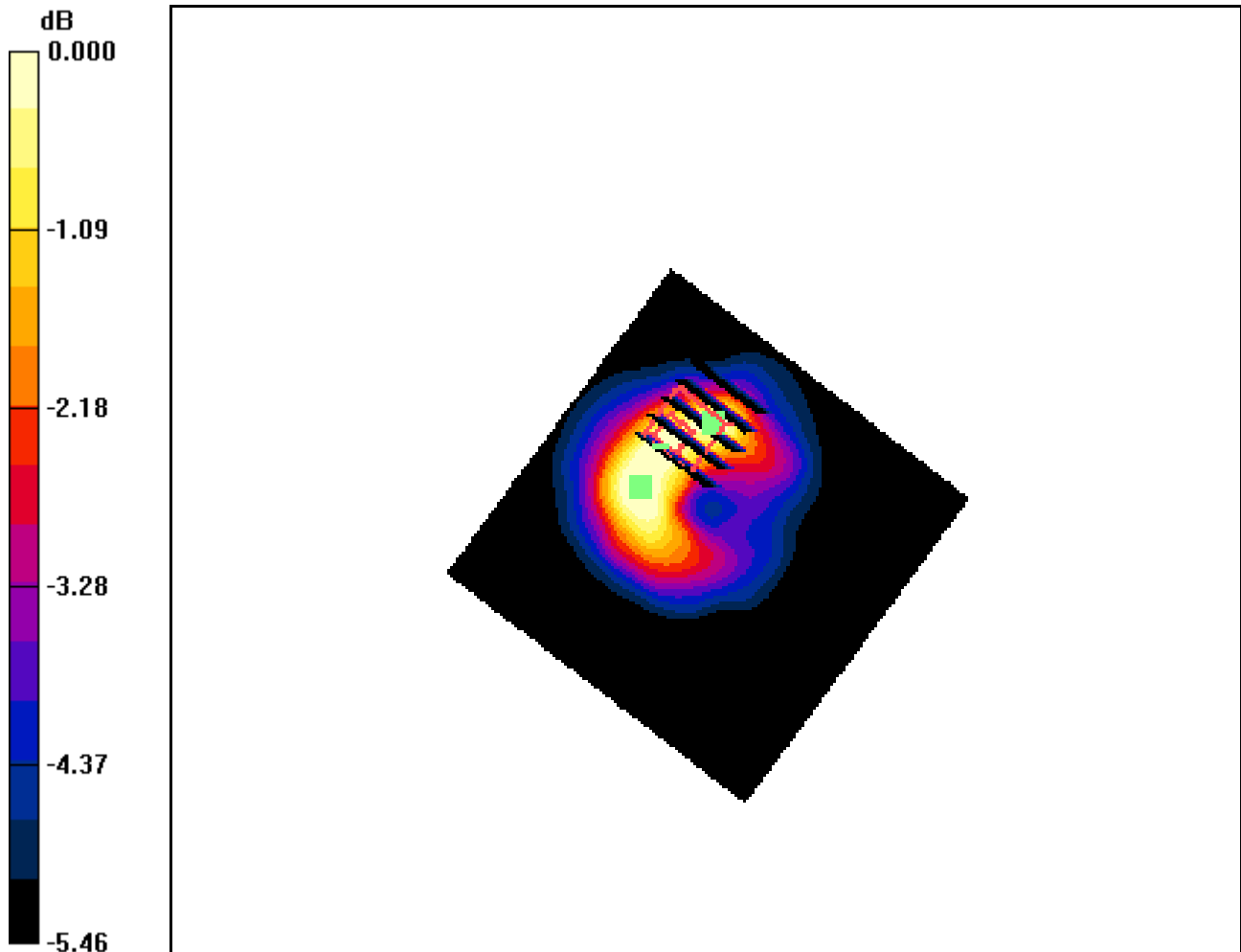
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.539 mW/g



0 dB = 1.08mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Rear

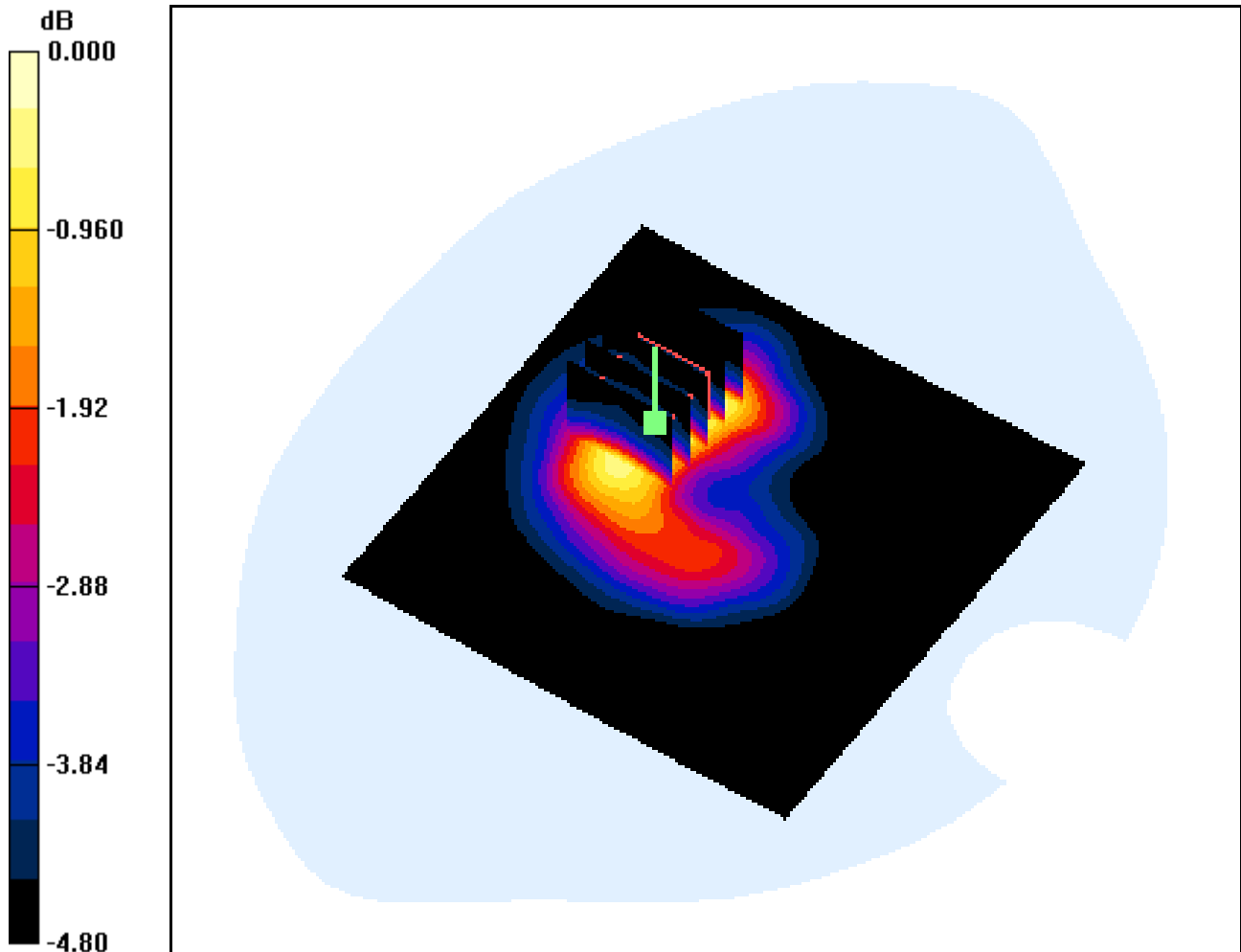
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.544 mW/g



0 dB = 0.954mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

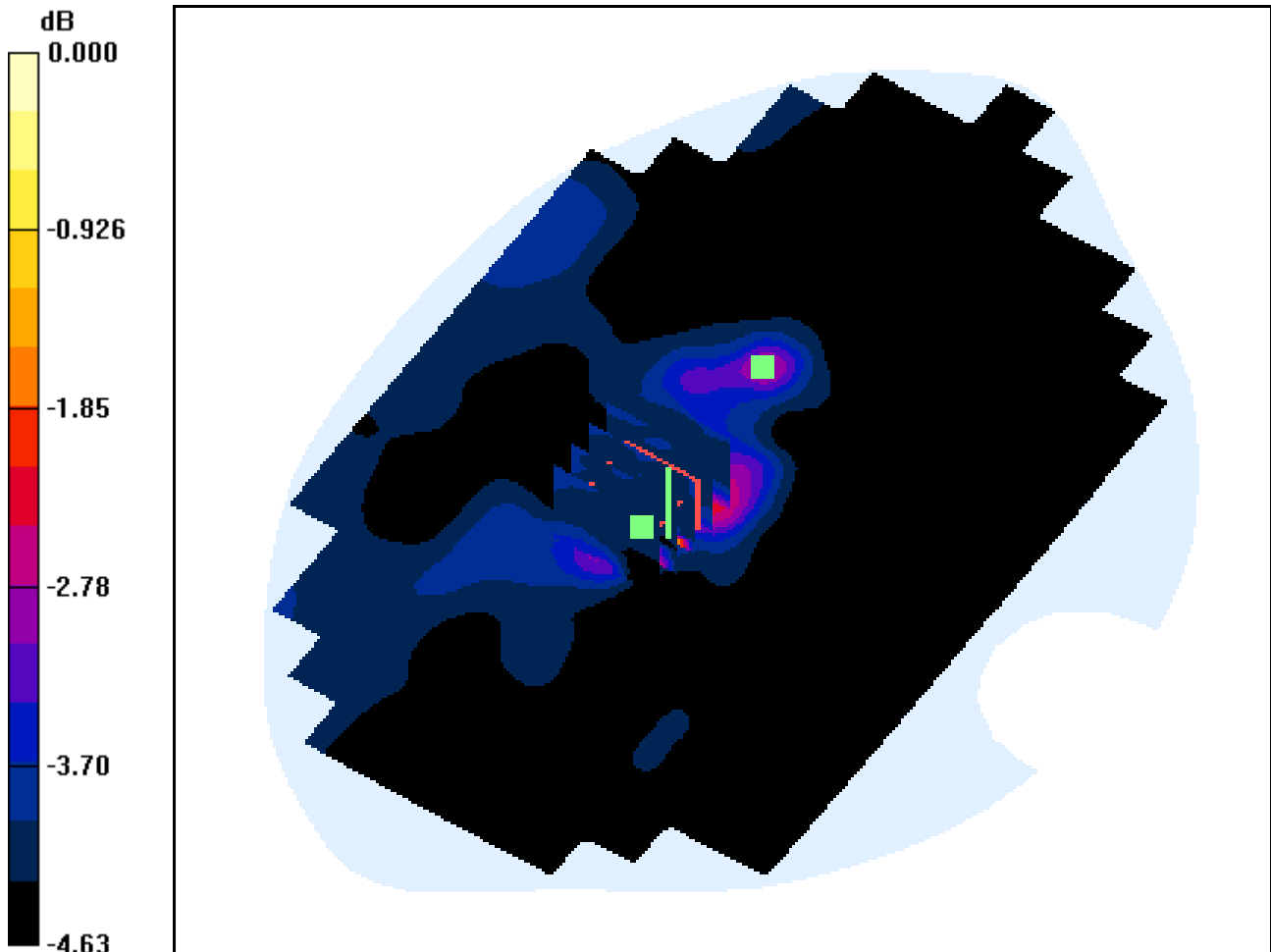
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Right

Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm
/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.217 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.211 mW/g



0 dB = 0.454mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Right

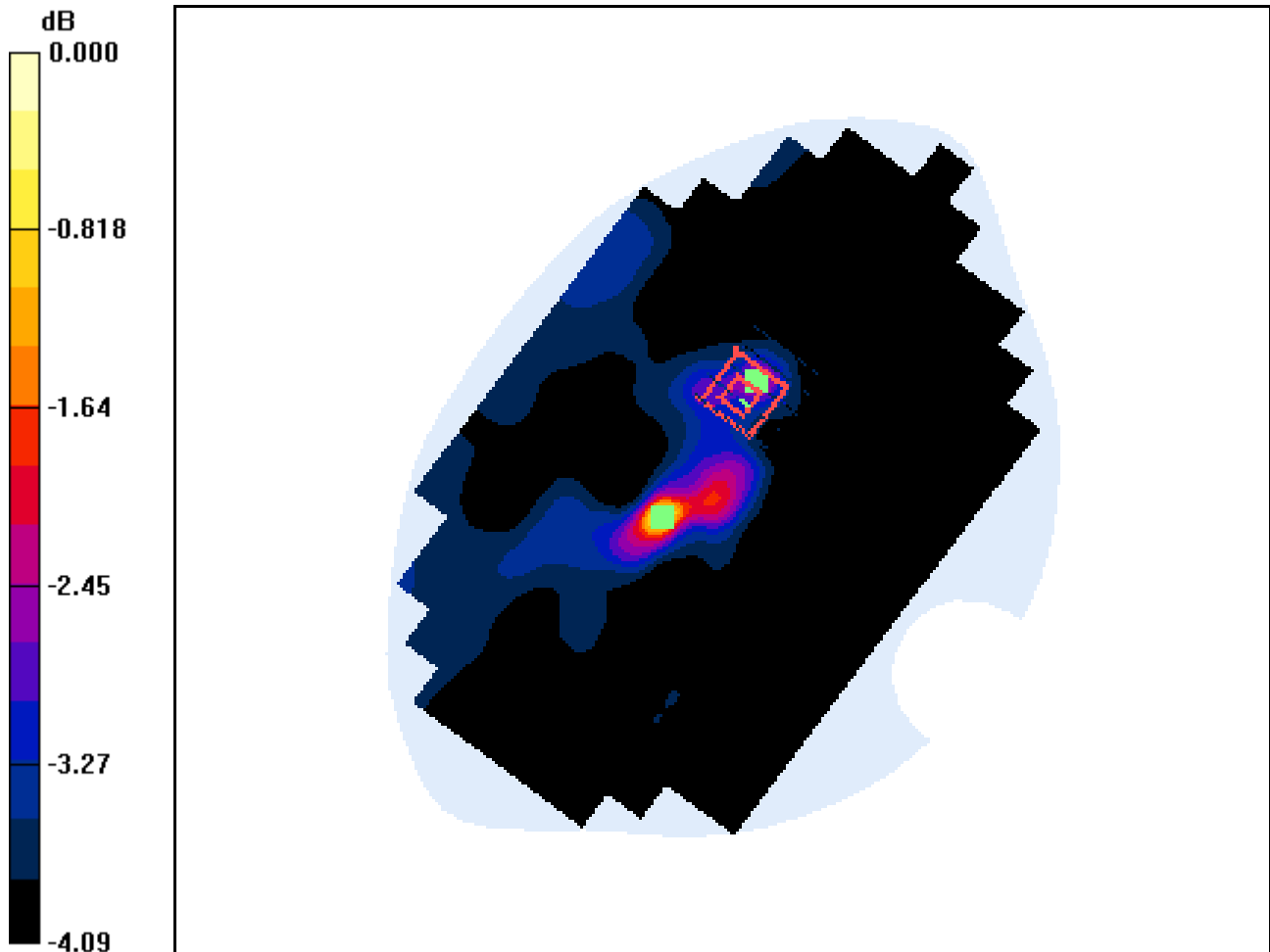
Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.217 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.203 mW/g



0 dB = 0.407mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Left

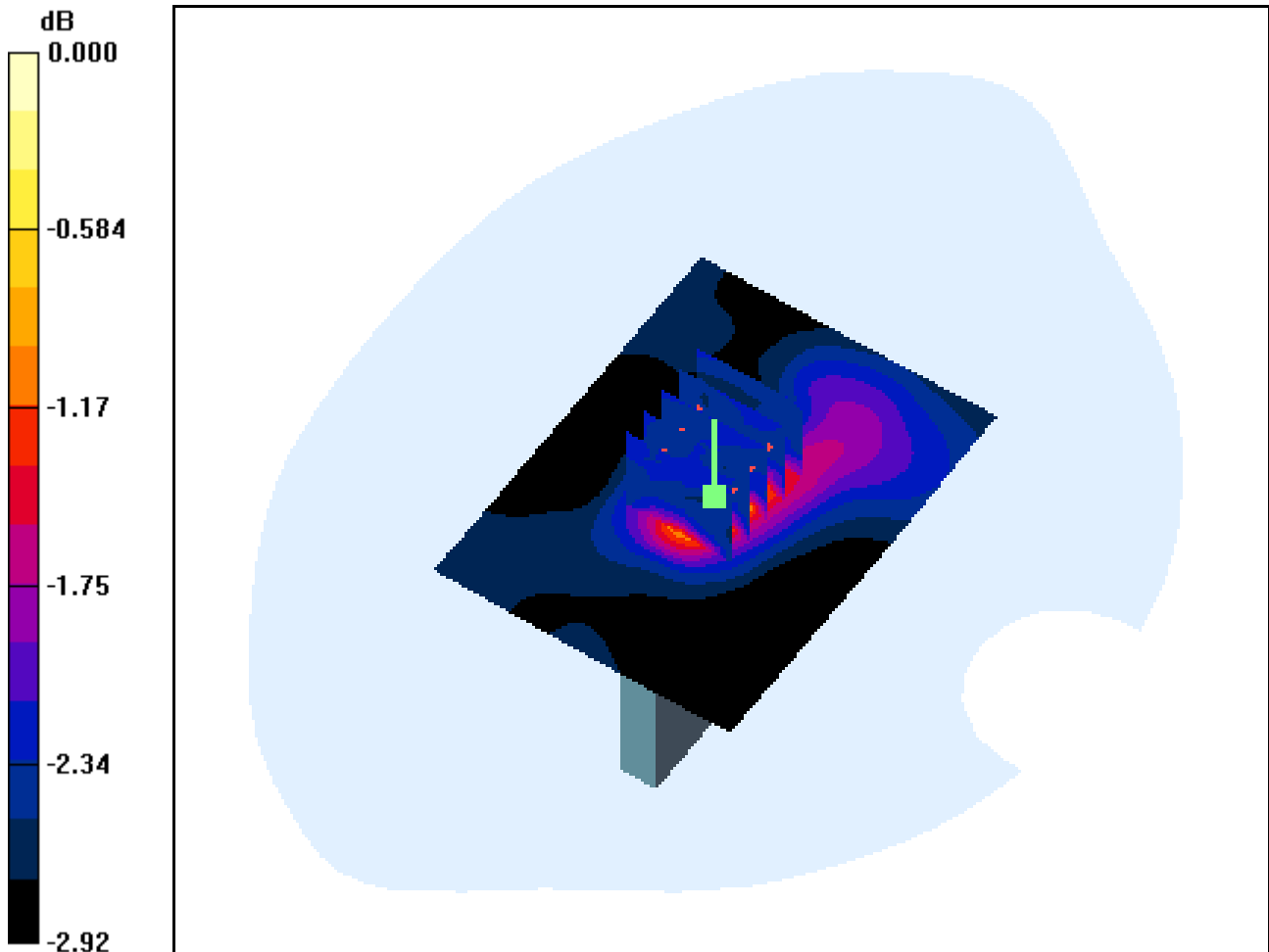
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.210 mW/g



0 dB = 0.304mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Top

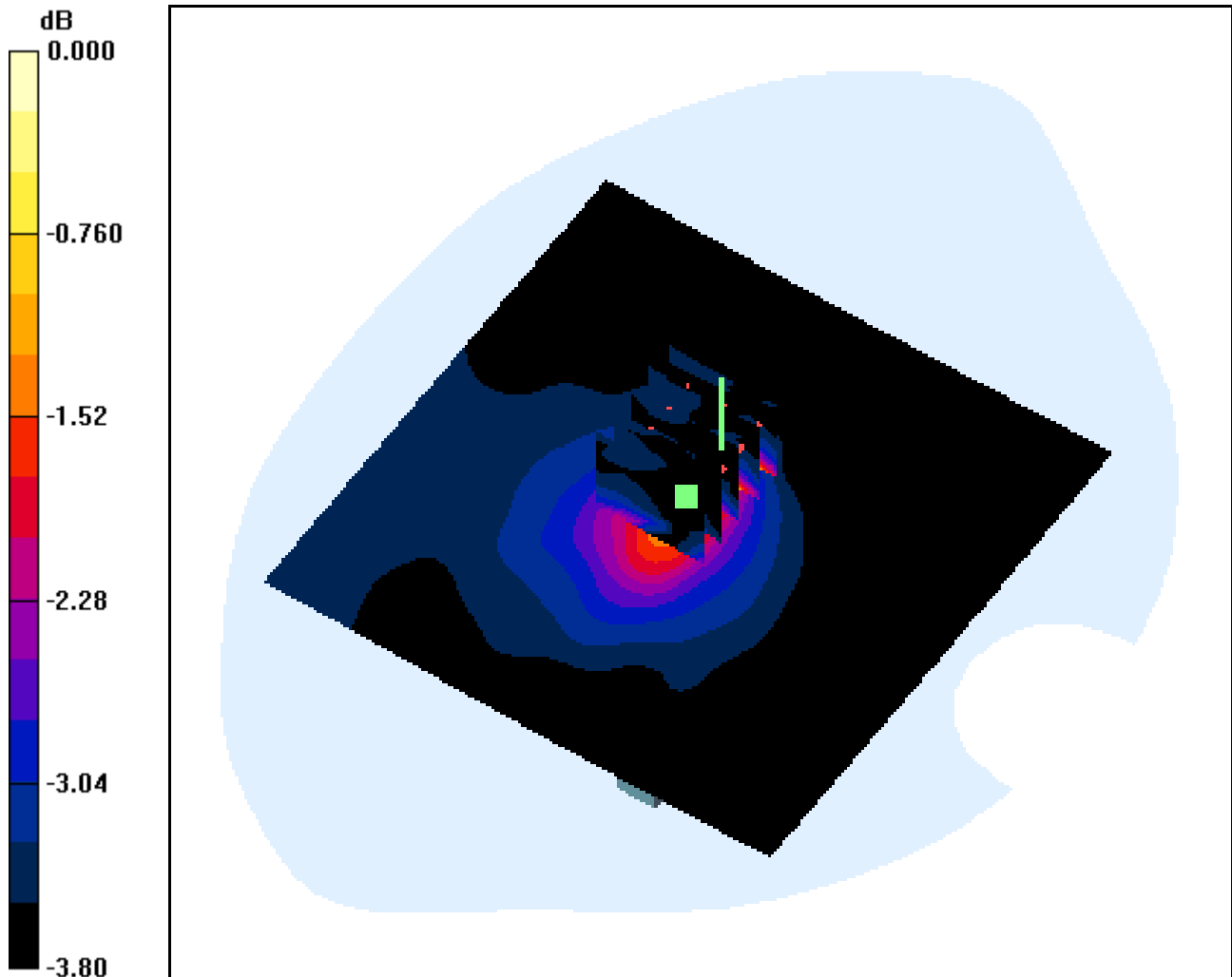
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.387 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.243 mW/g



0 dB = 0.431mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Bottom

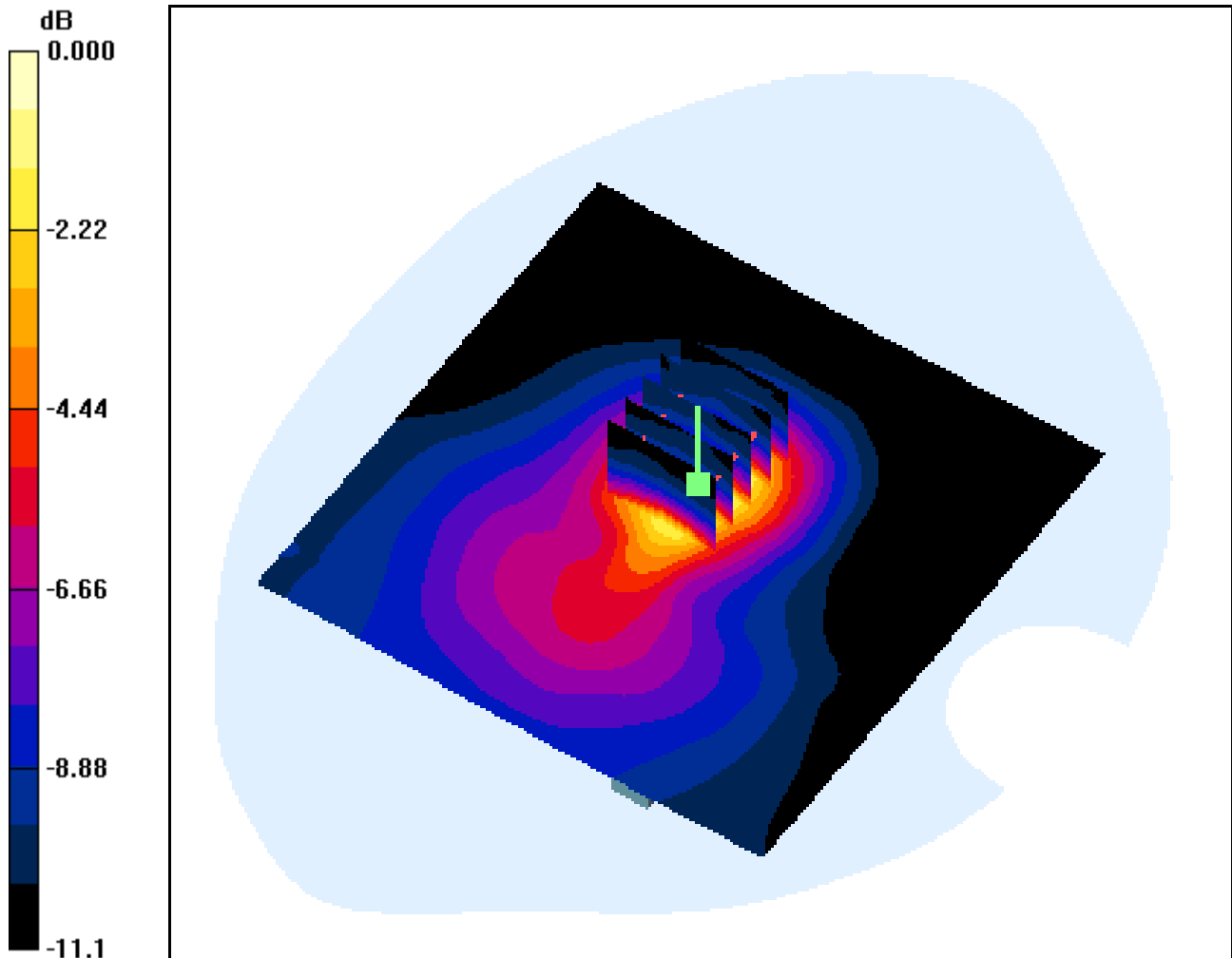
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.184 mW/g



0 dB = 0.462mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

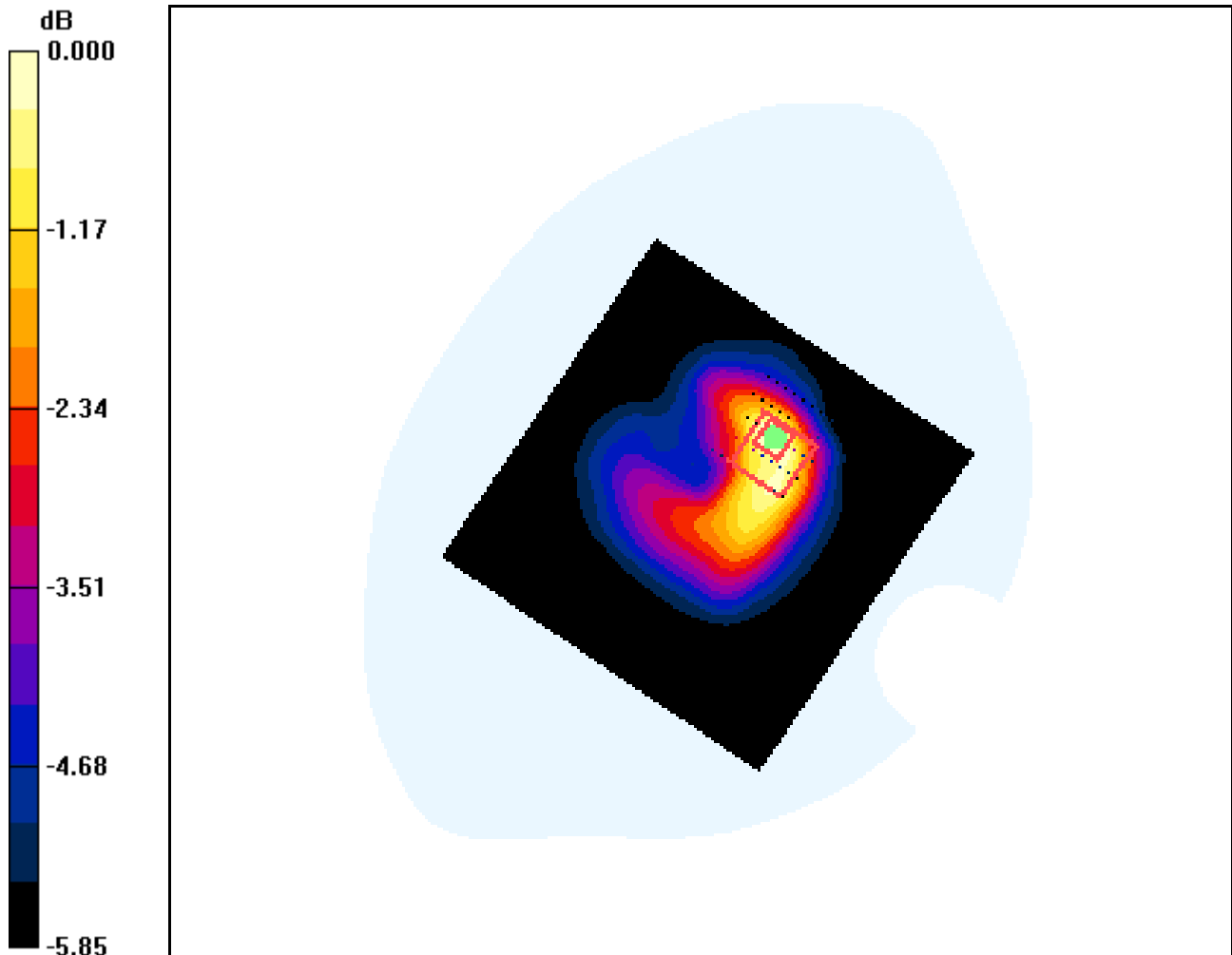
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.024 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.792 mW/g



0 dB = 1.60mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

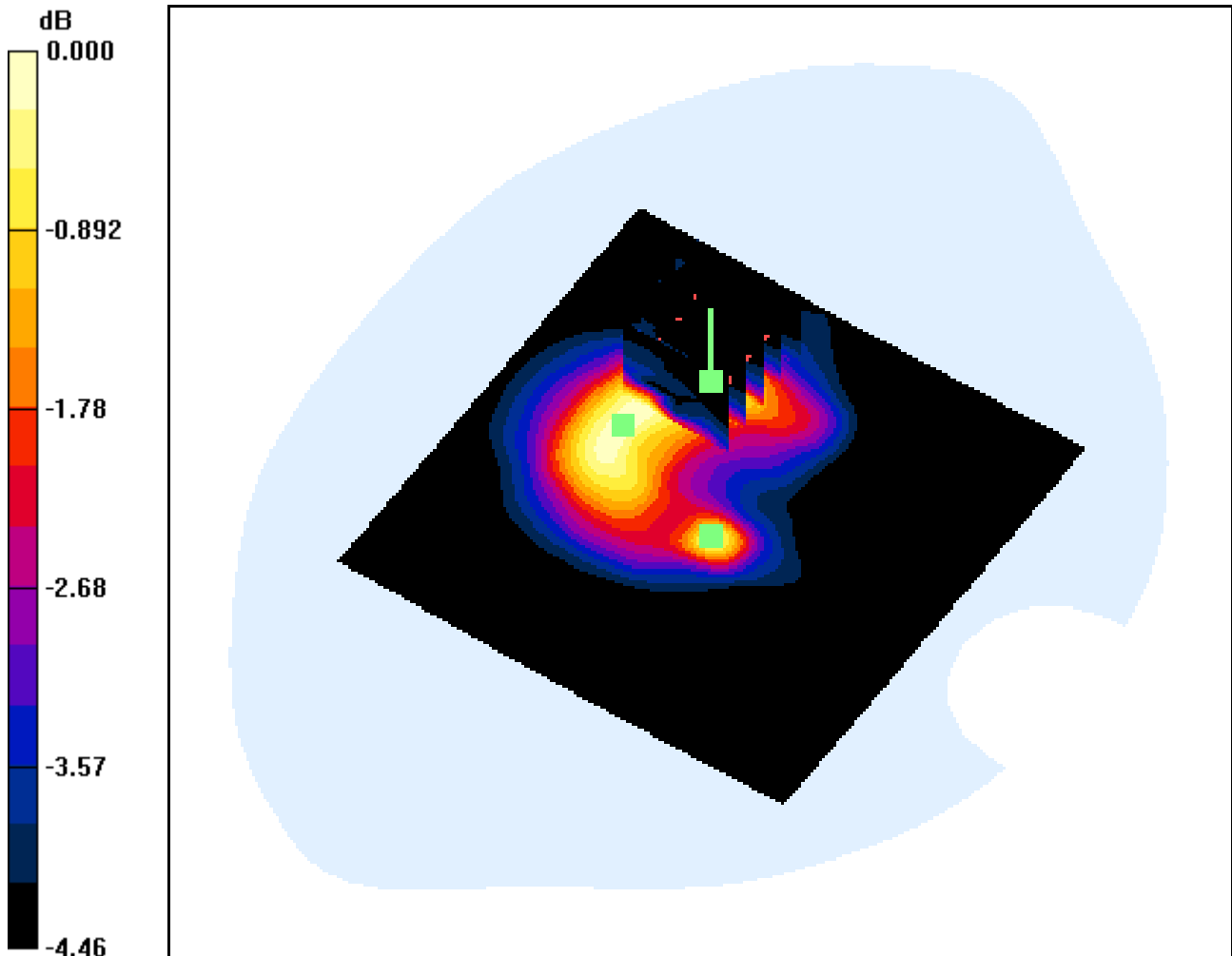
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.171 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.605 mW/g



0 dB = 1.09mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

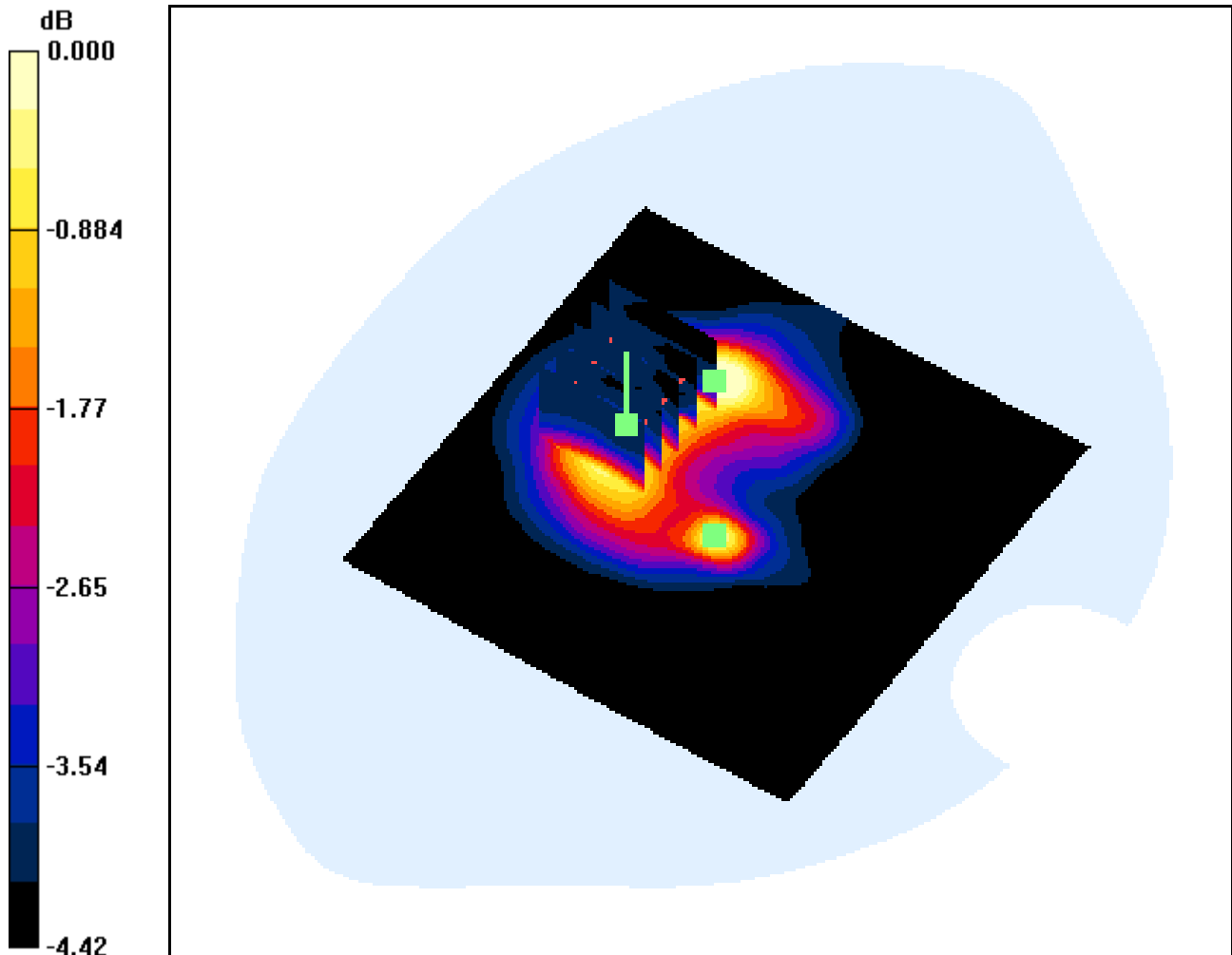
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.171 dB

Peak SAR (extrapolated) = 3.94 W/kg

SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.647 mW/g



0 dB = 1.07mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

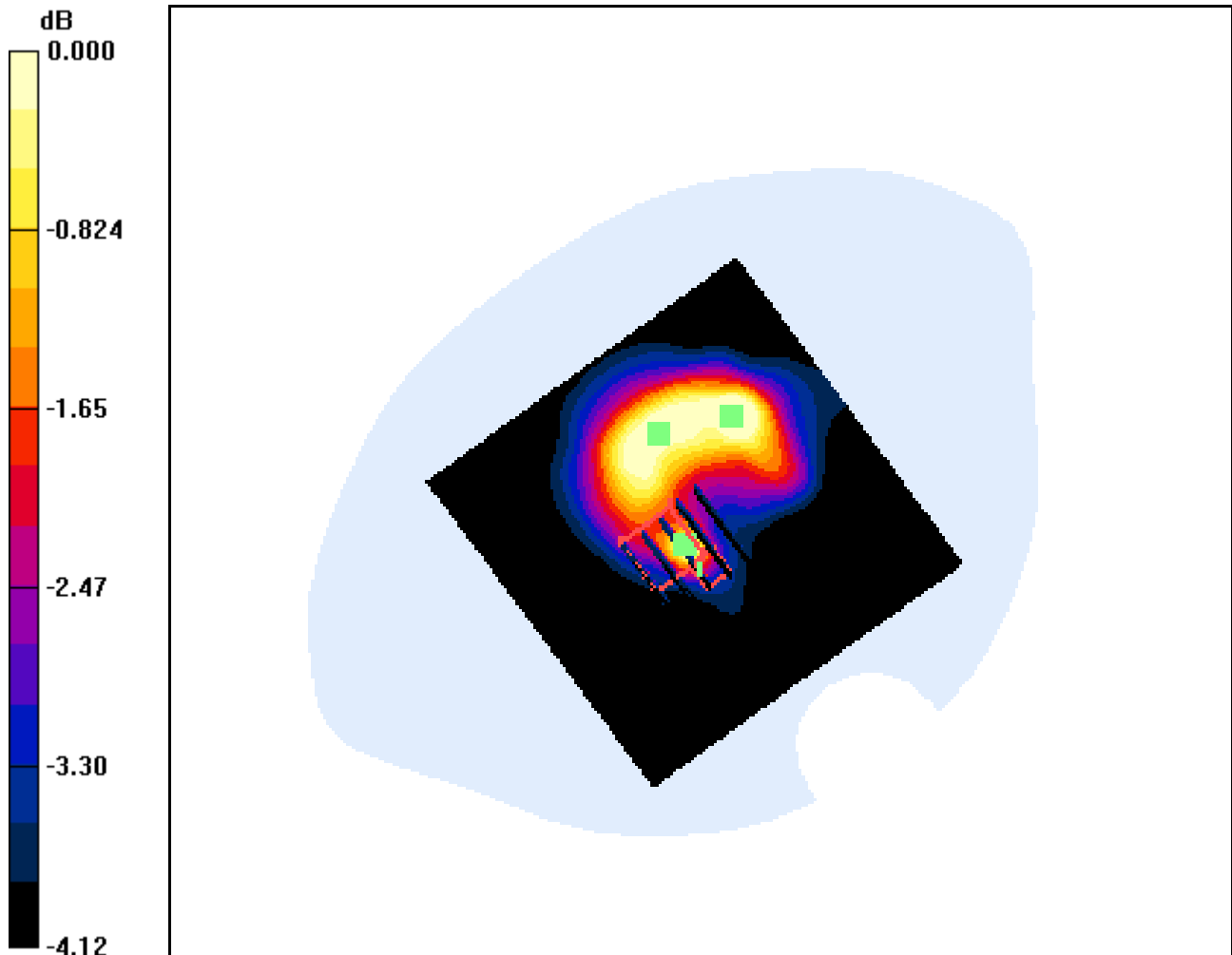
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.171 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.487 mW/g



0 dB = 0.983mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.23$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

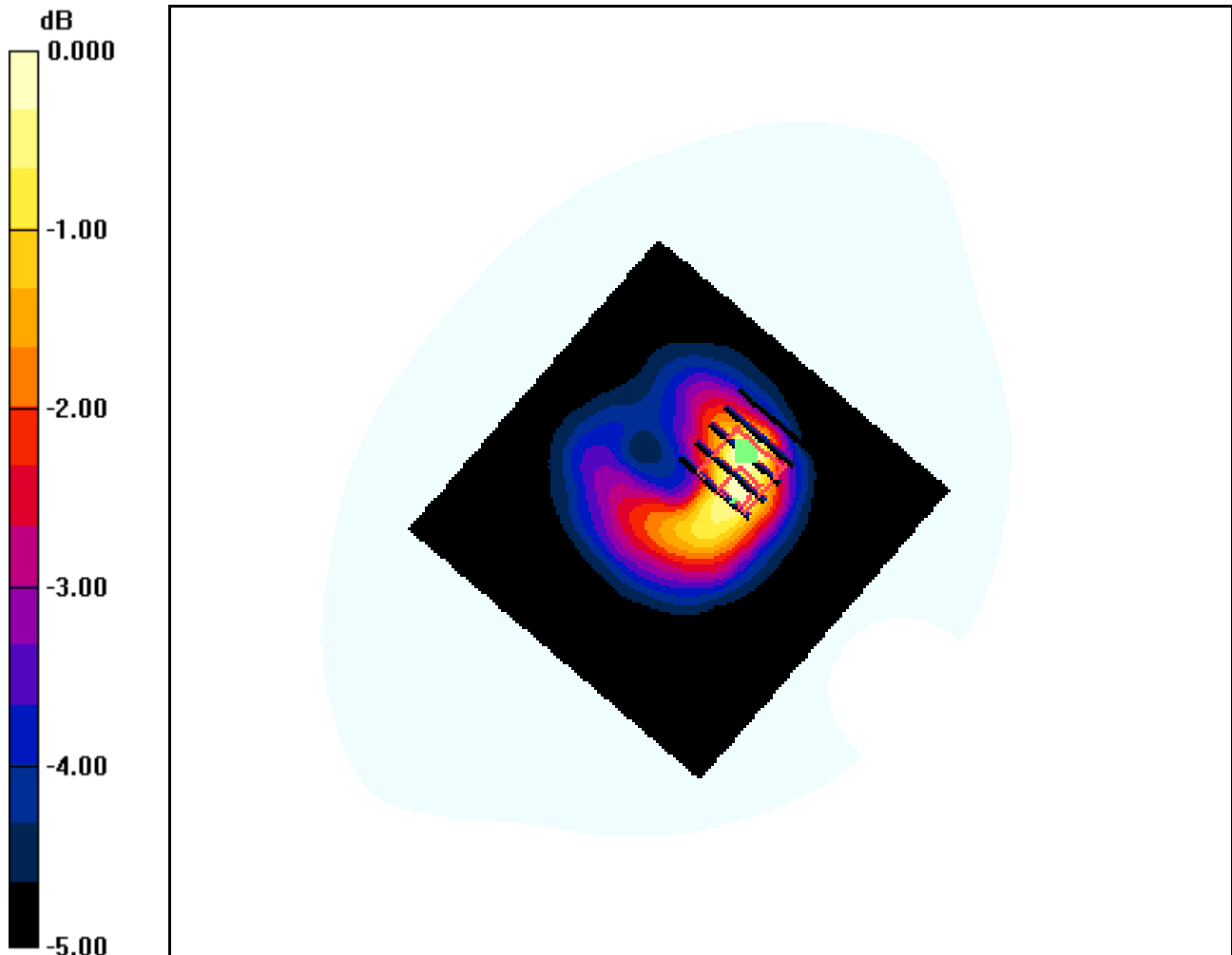
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.070 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.765 mW/g



0 dB = 1.44mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Rear

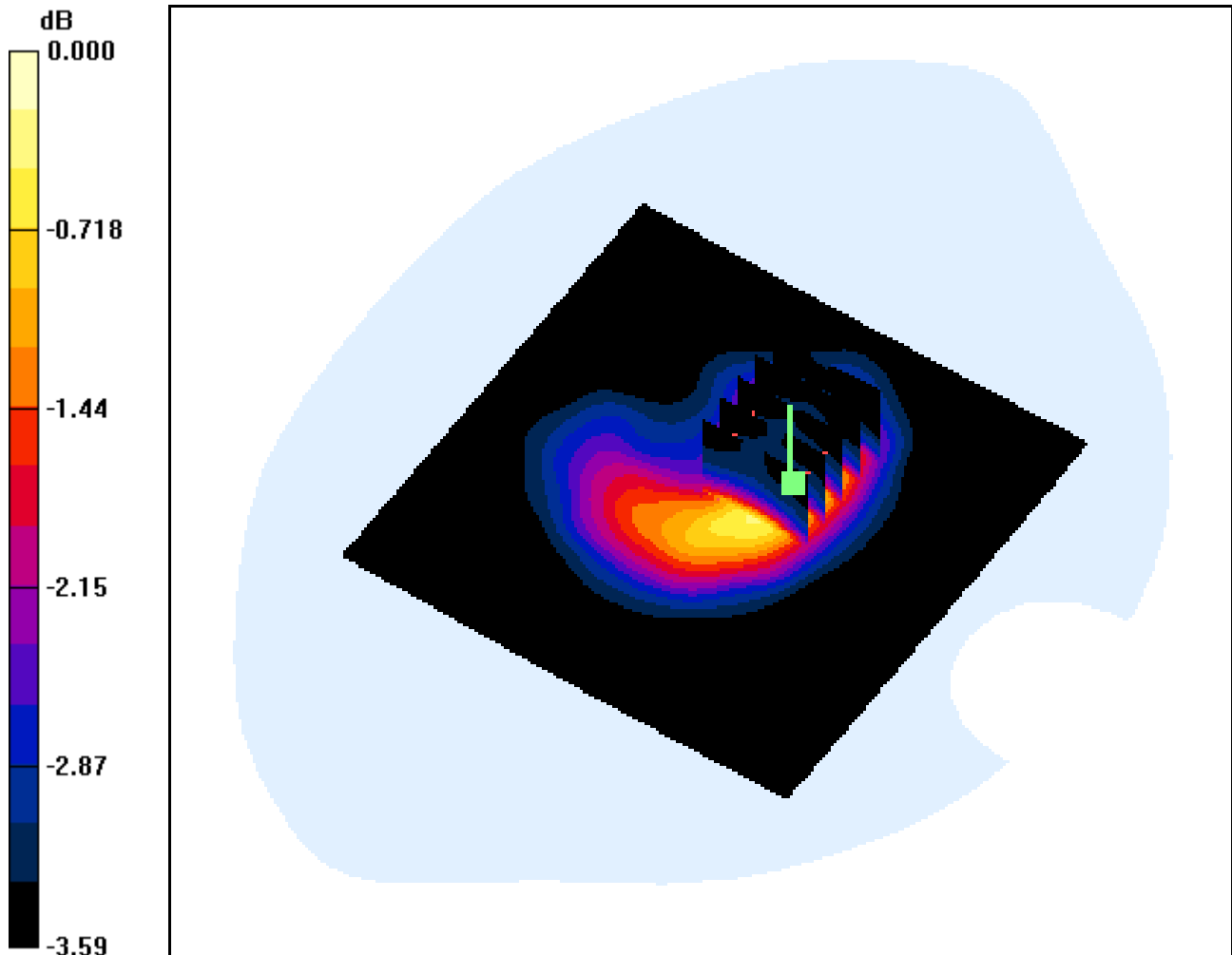
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.129 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.651 mW/g



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Rear

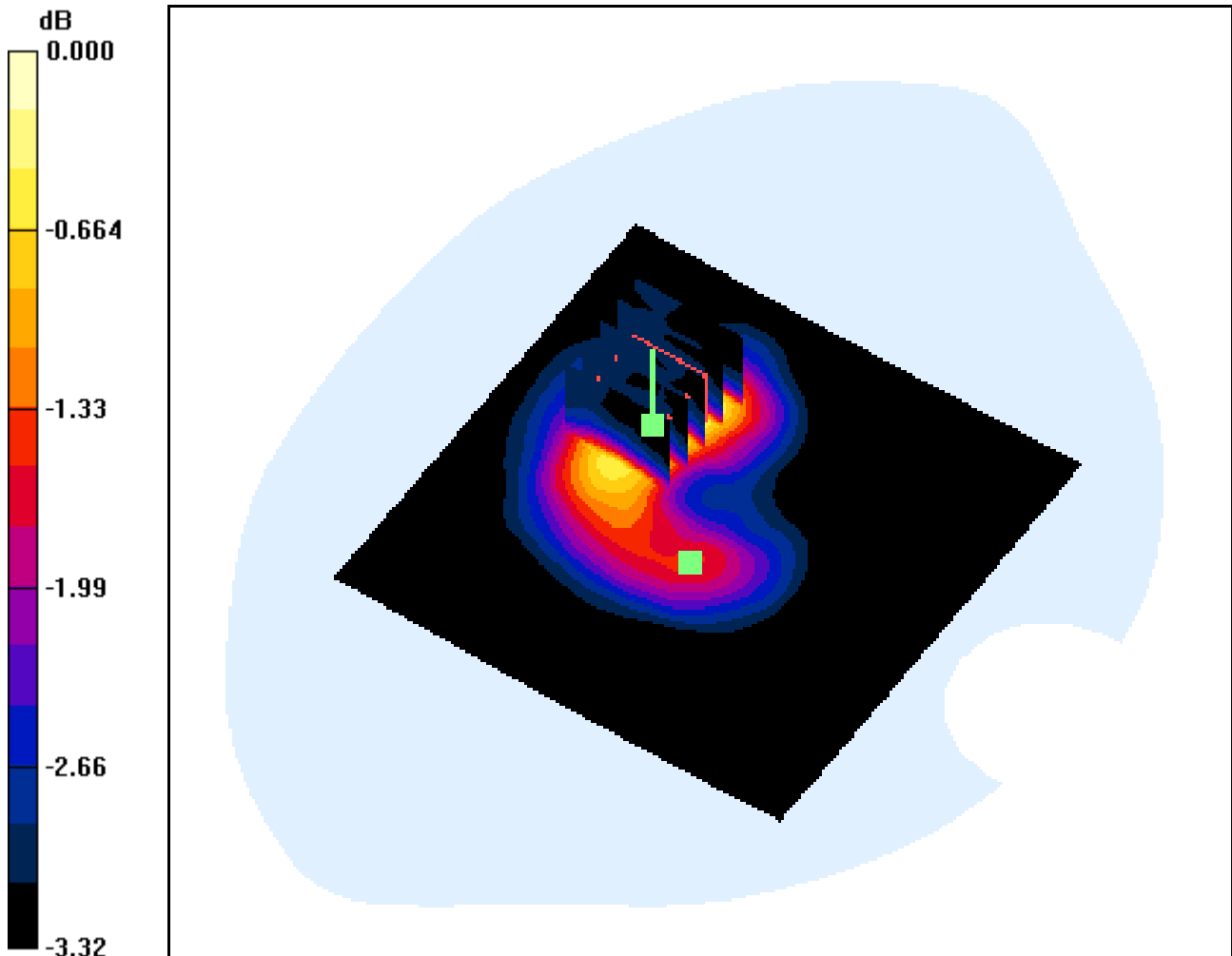
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.218 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.670 mW/g



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Rear

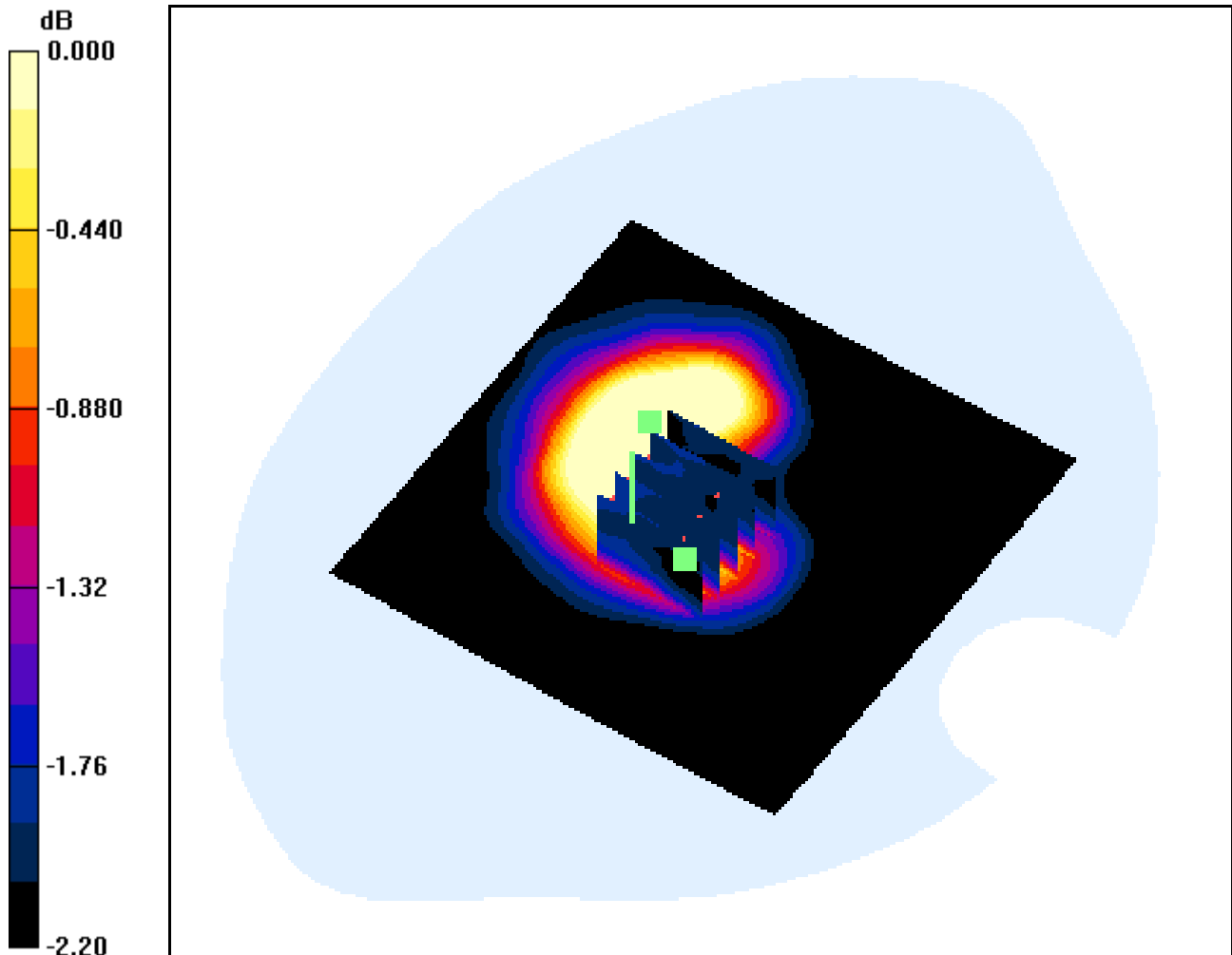
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.218 dB

Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.579 mW/g



0 dB = 0.766mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.23$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Rear

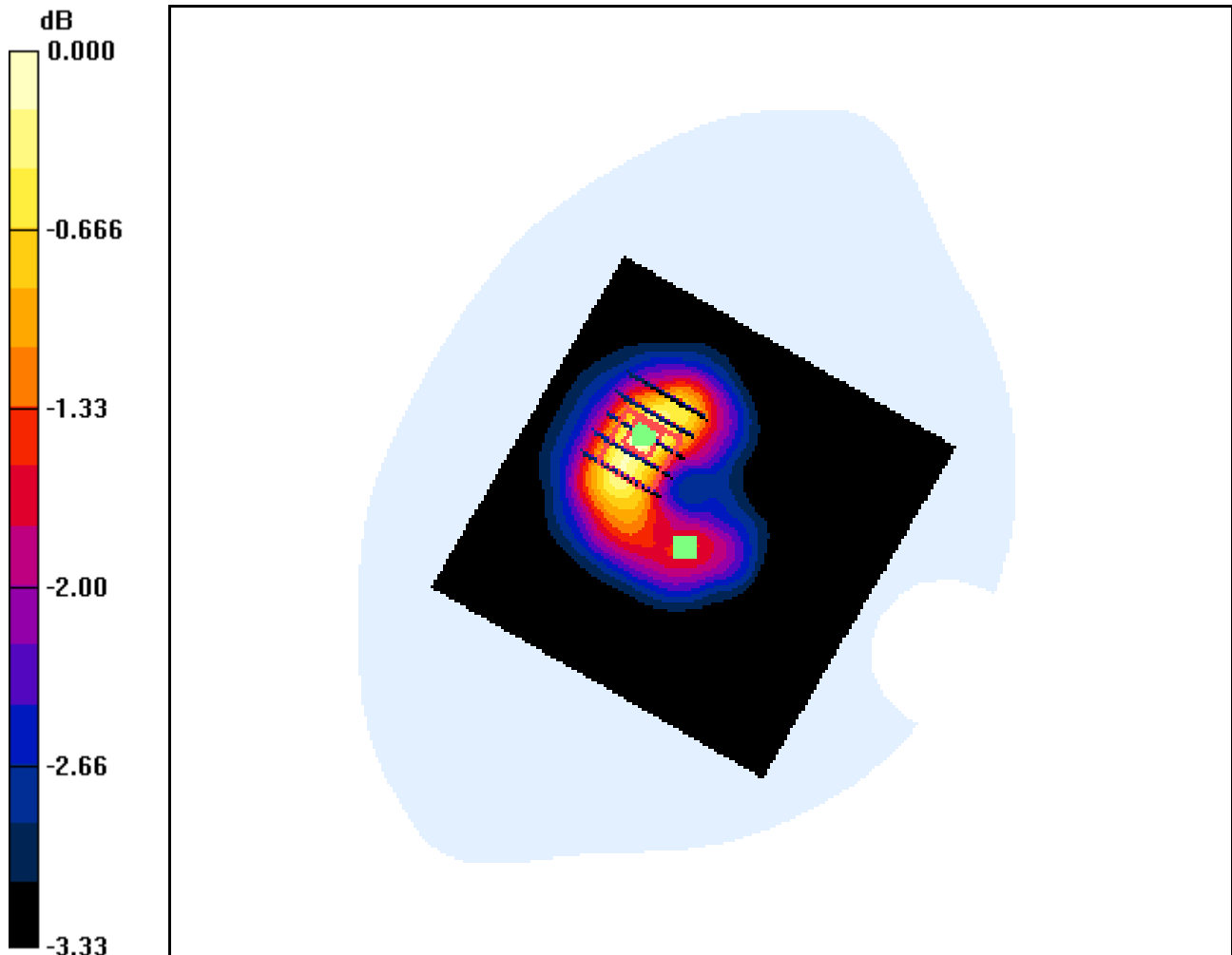
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.153 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.721 mW/g



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.23$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Rear

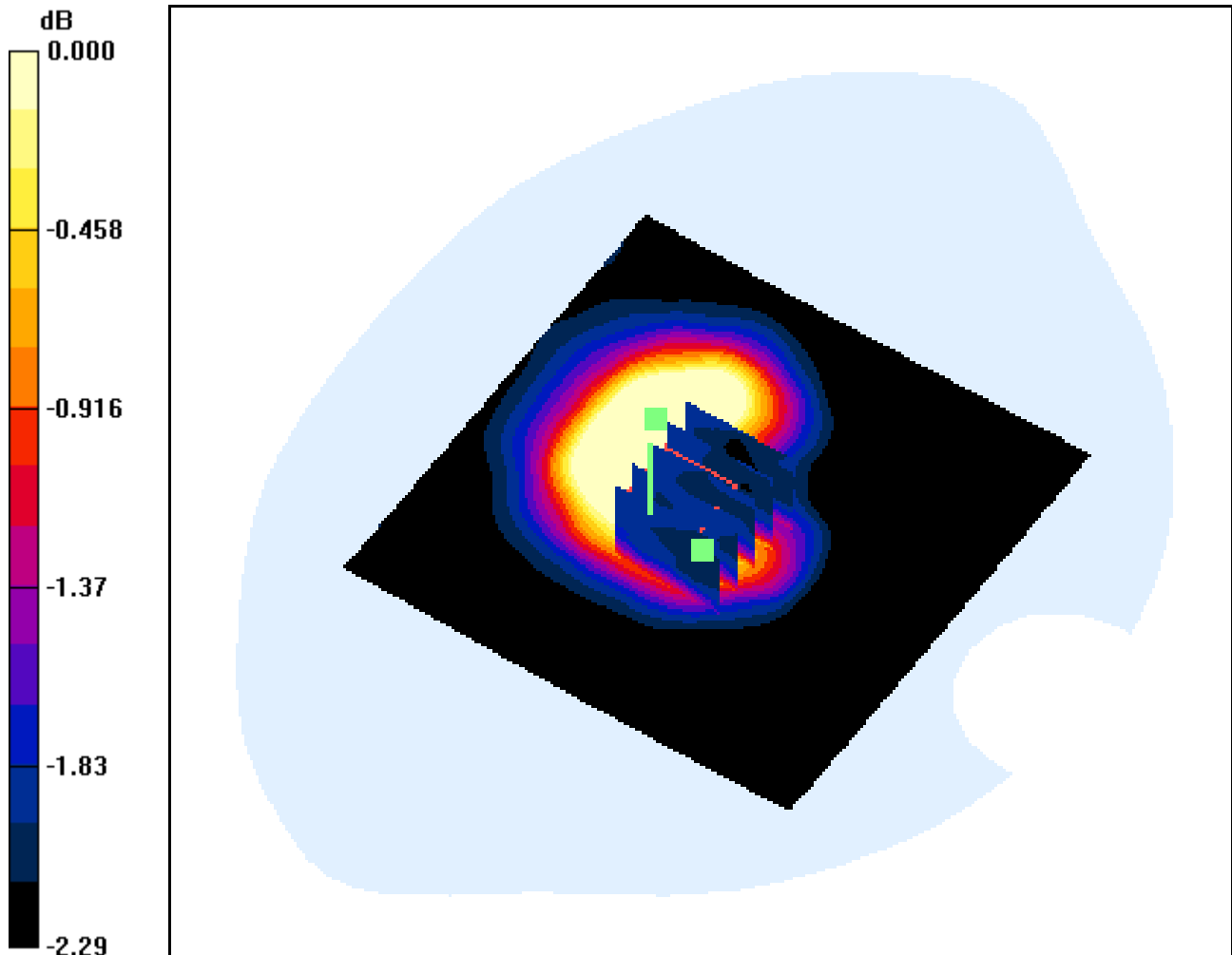
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.153 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.622 mW/g



0 dB = 0.840mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Right

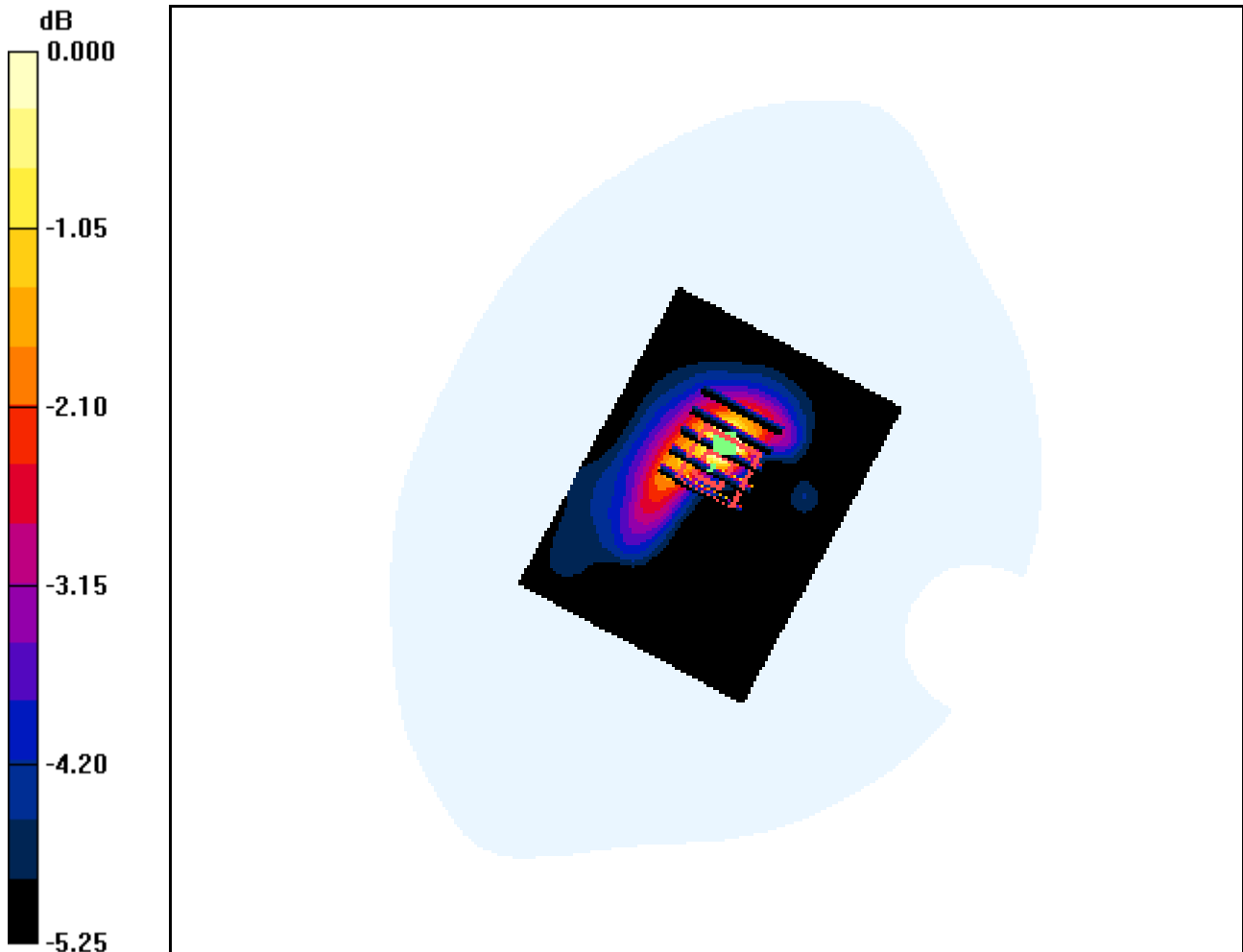
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.442 mW/g



0 dB = 0.826mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.11$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Left

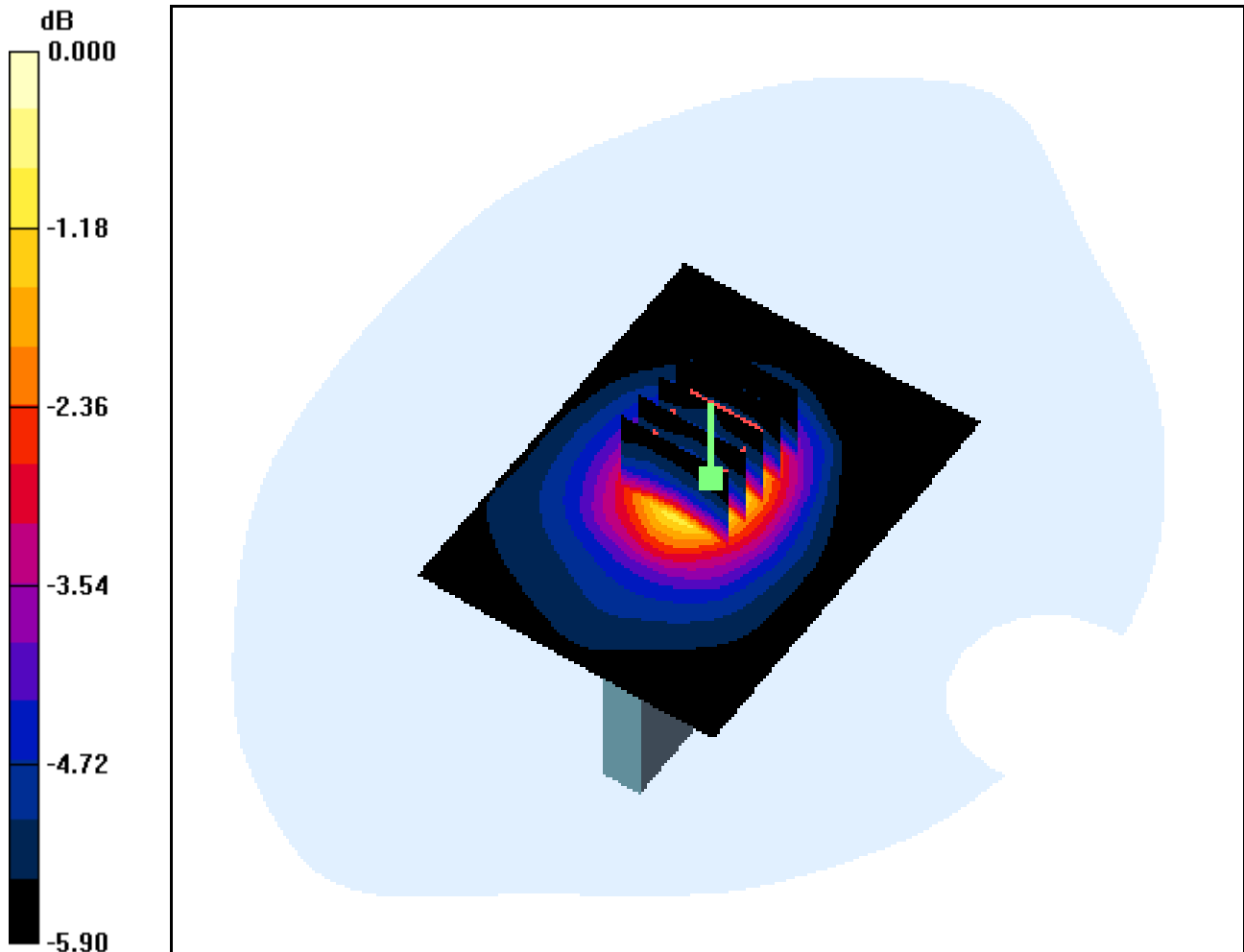
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.404 mW/g



0 dB = 0.759mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Top

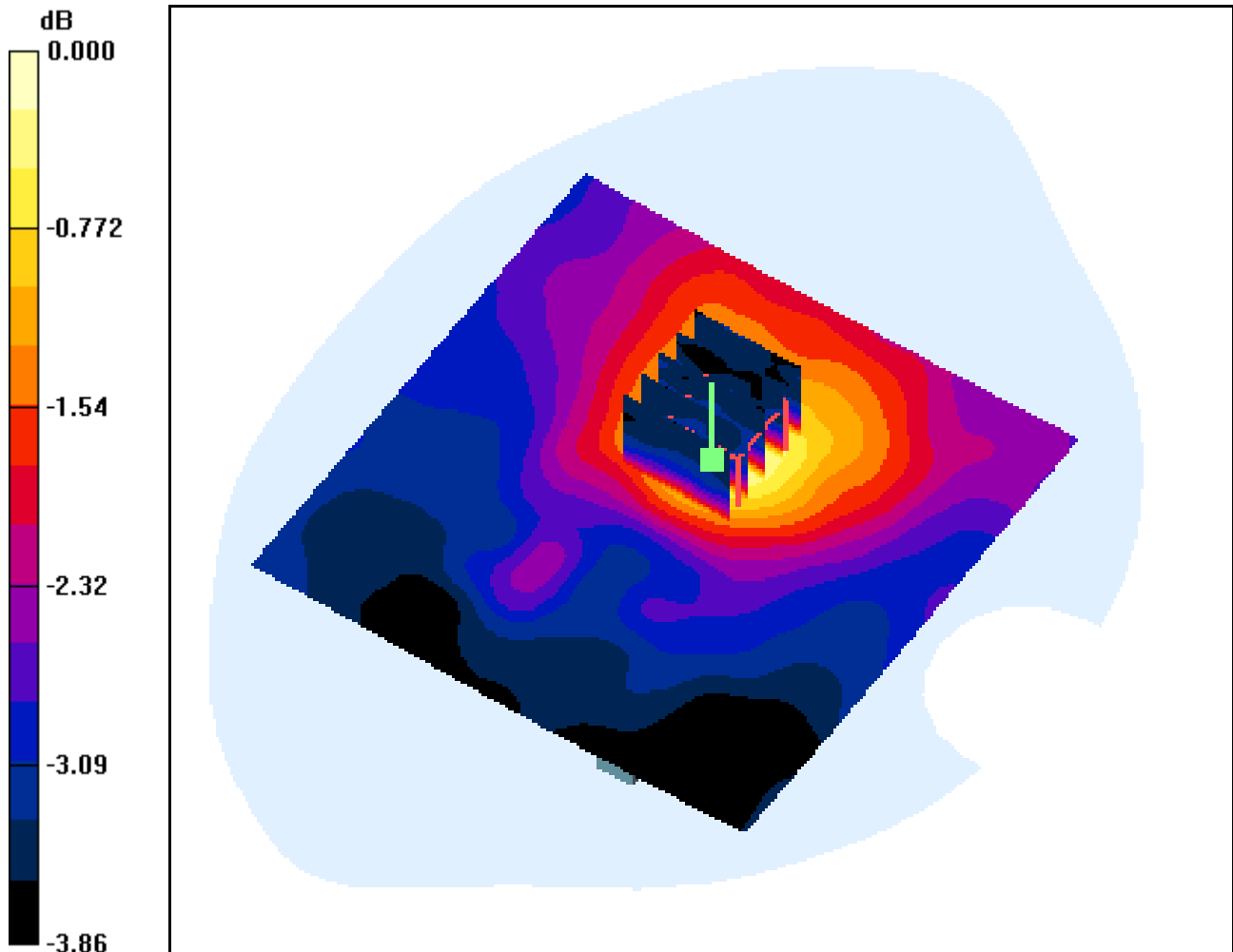
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.089 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.112 mW/g



0 dB = 0.172mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Bottom

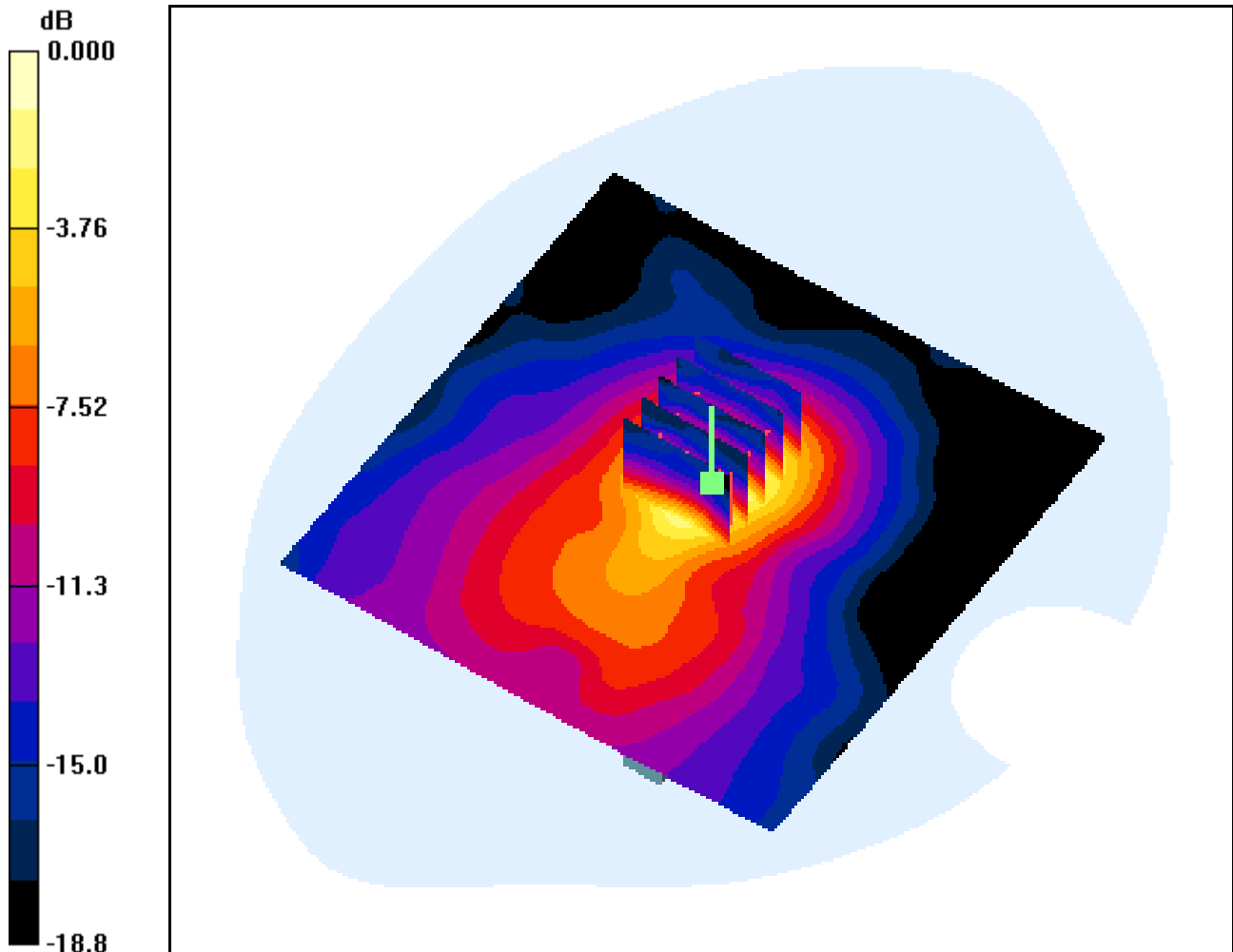
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.159 mW/g



0 dB = 0.452mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

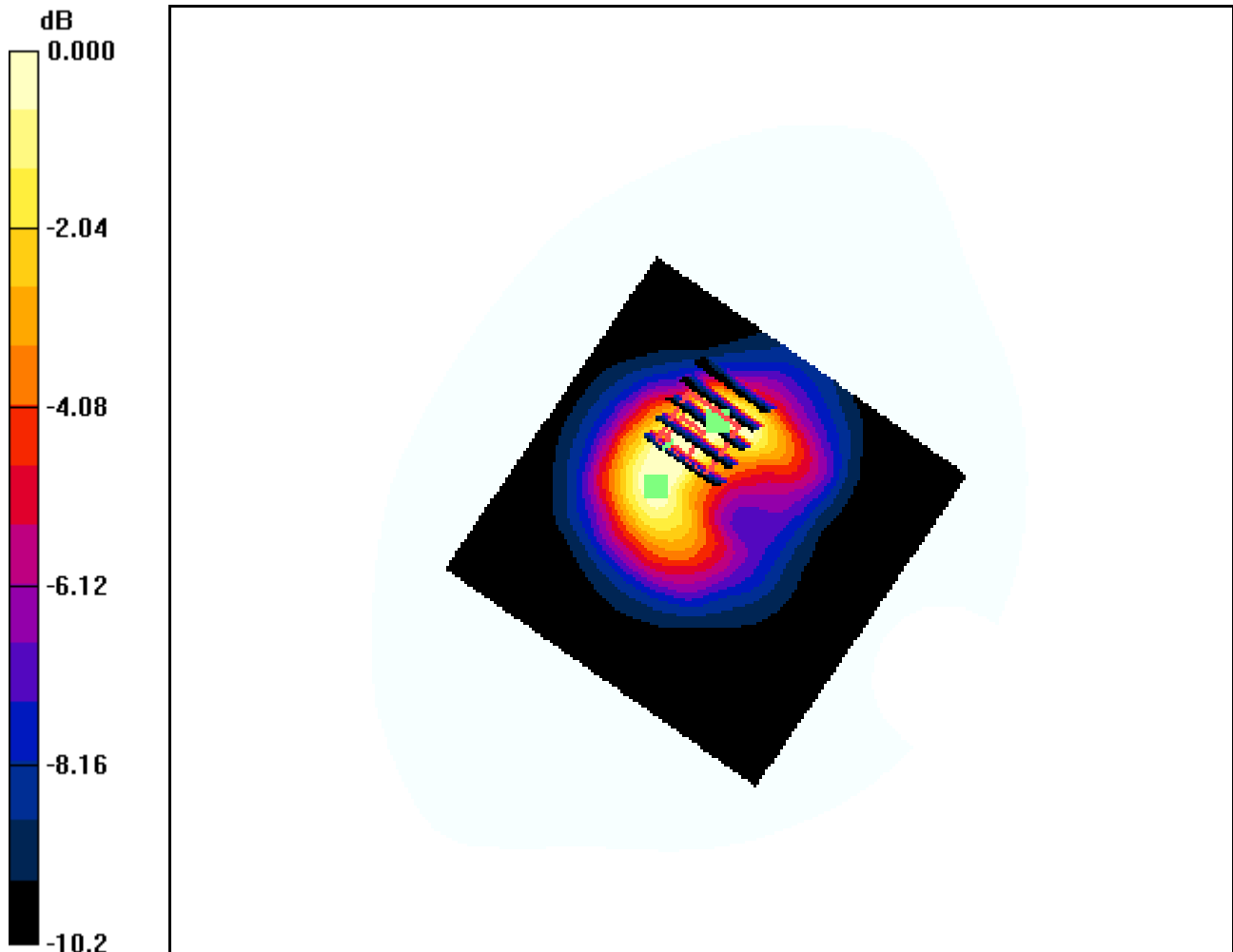
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.145 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.498 mW/g



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

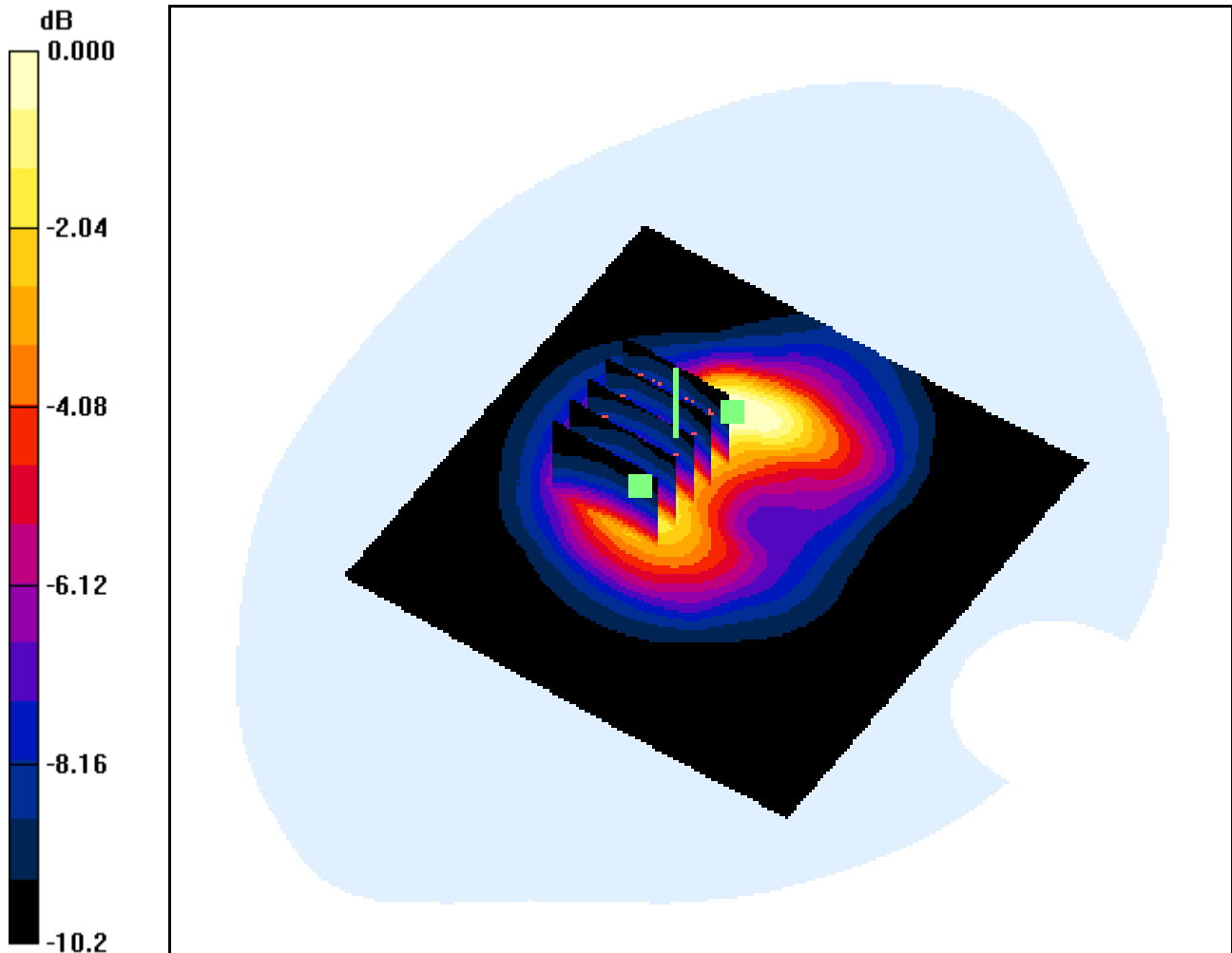
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.145 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.582 mW/g



0 dB = 1.31mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

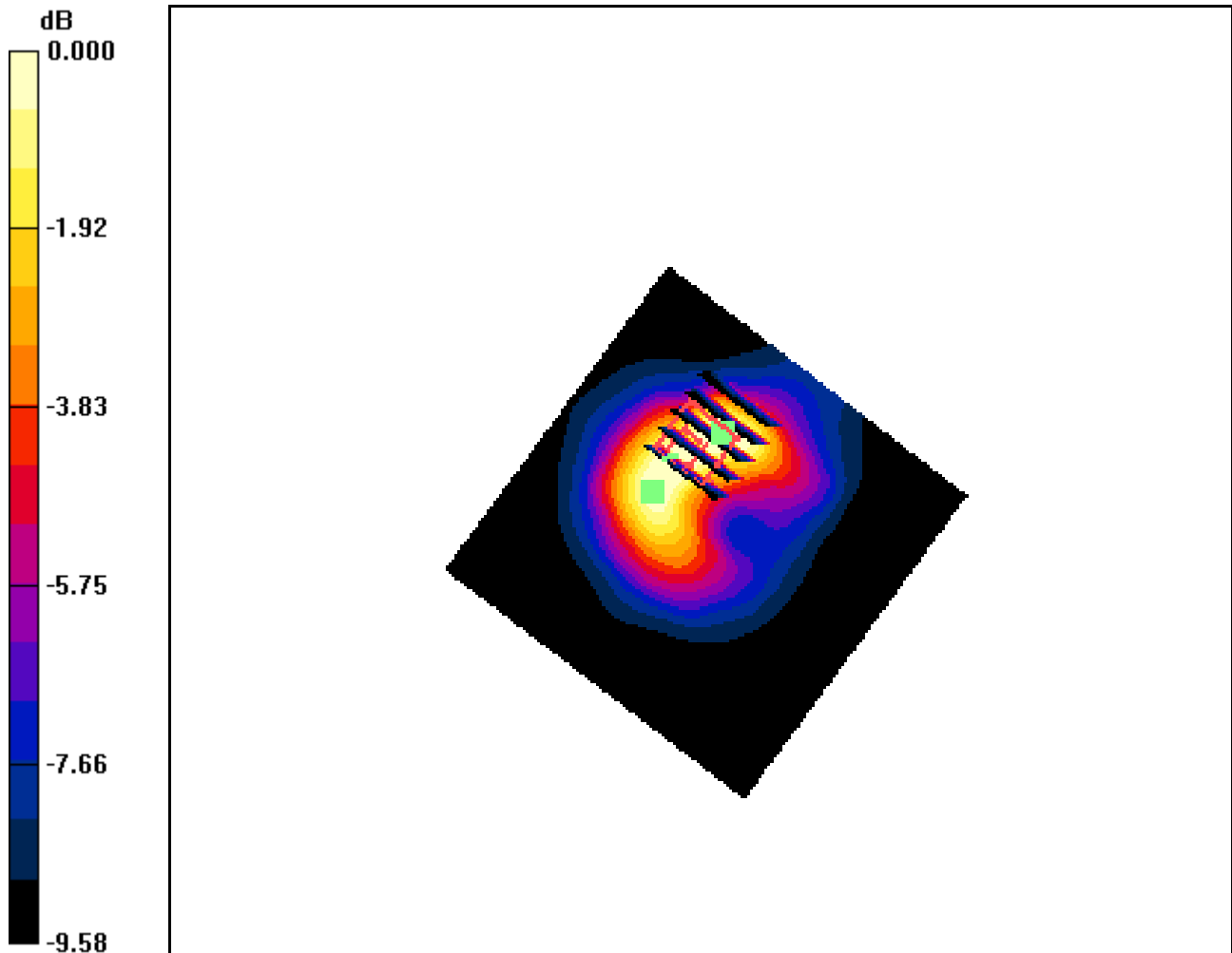
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.444 mW/g



0 dB = 1.12mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

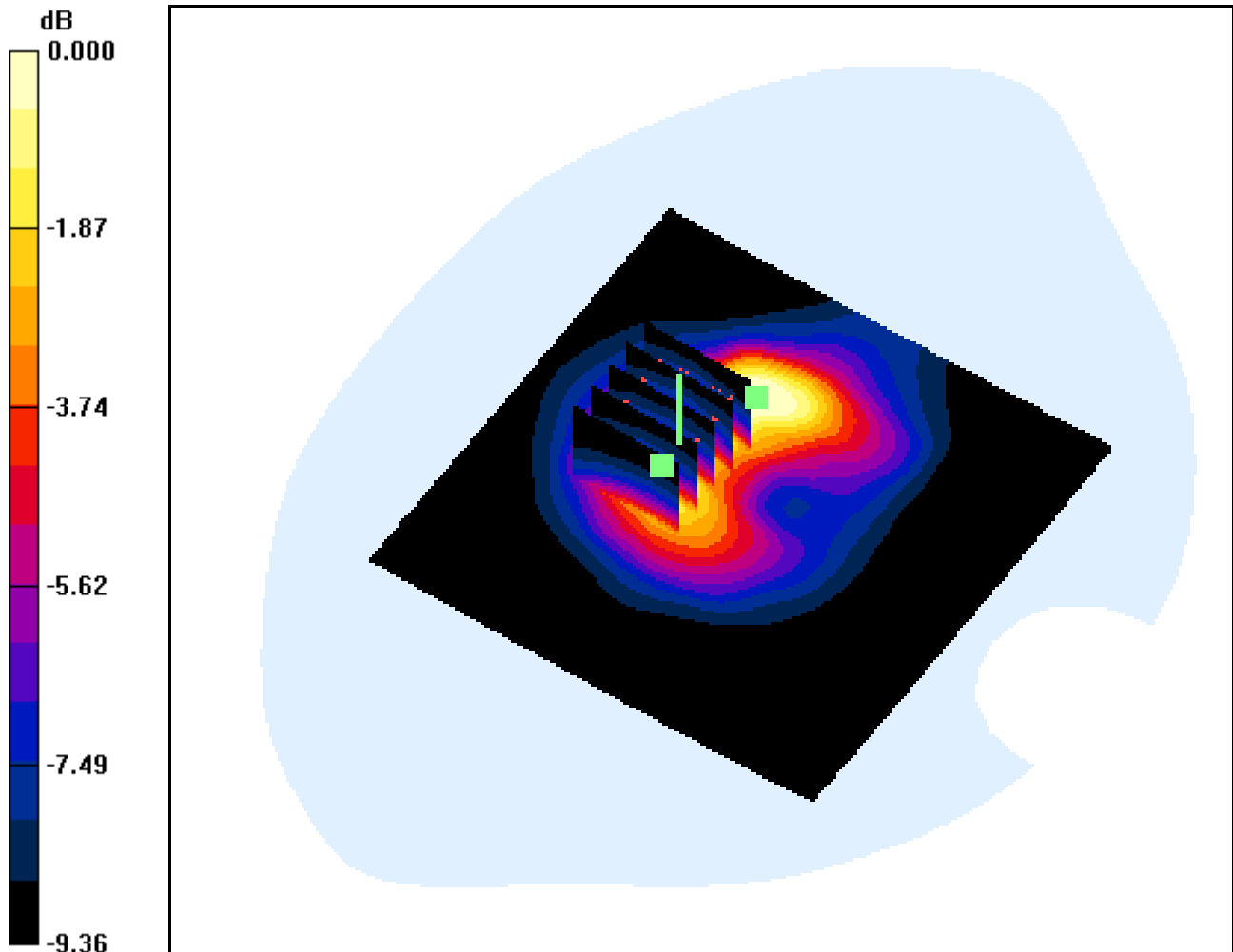
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.498 mW/g



0 dB = 1.12mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

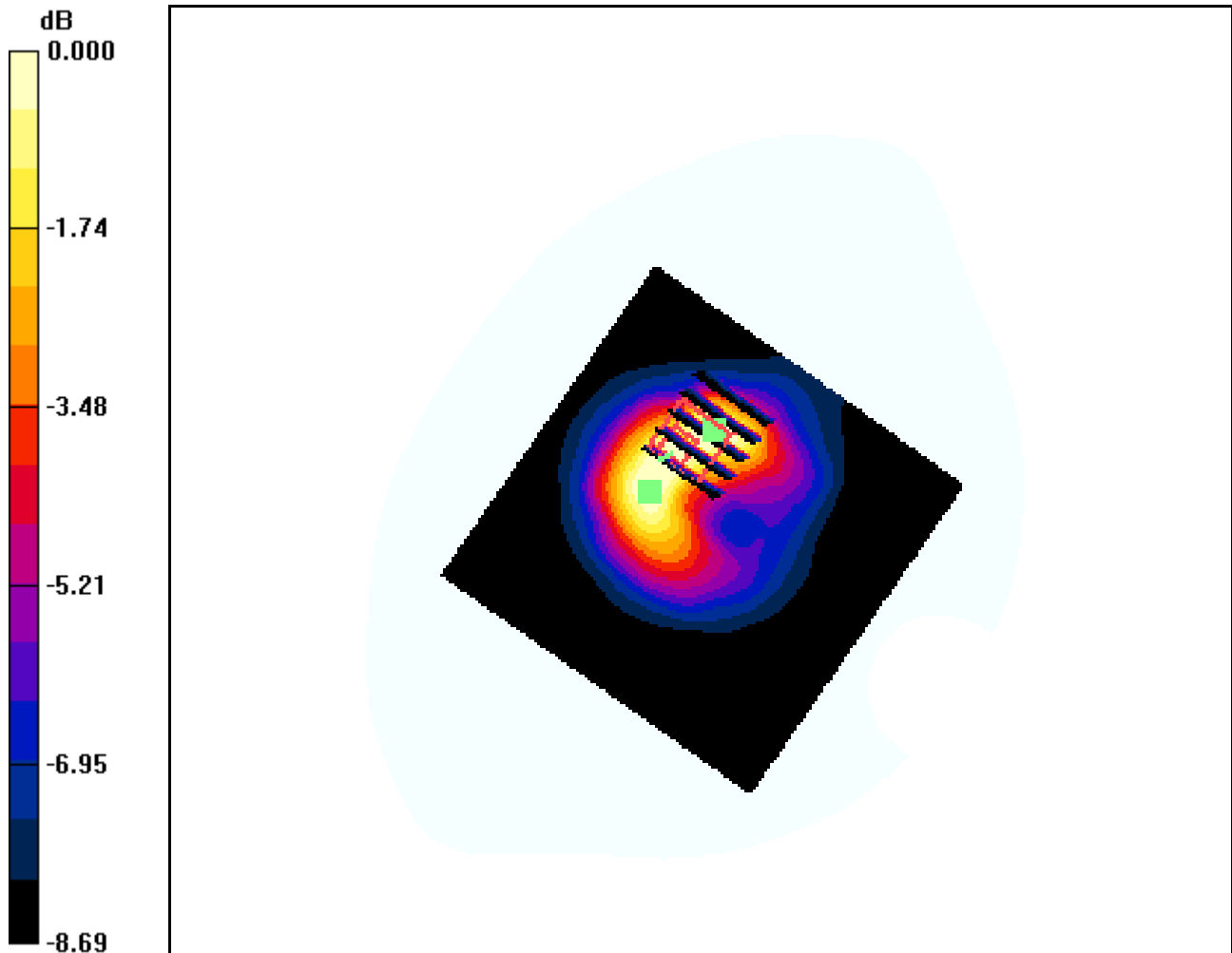
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.204 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.439 mW/g



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

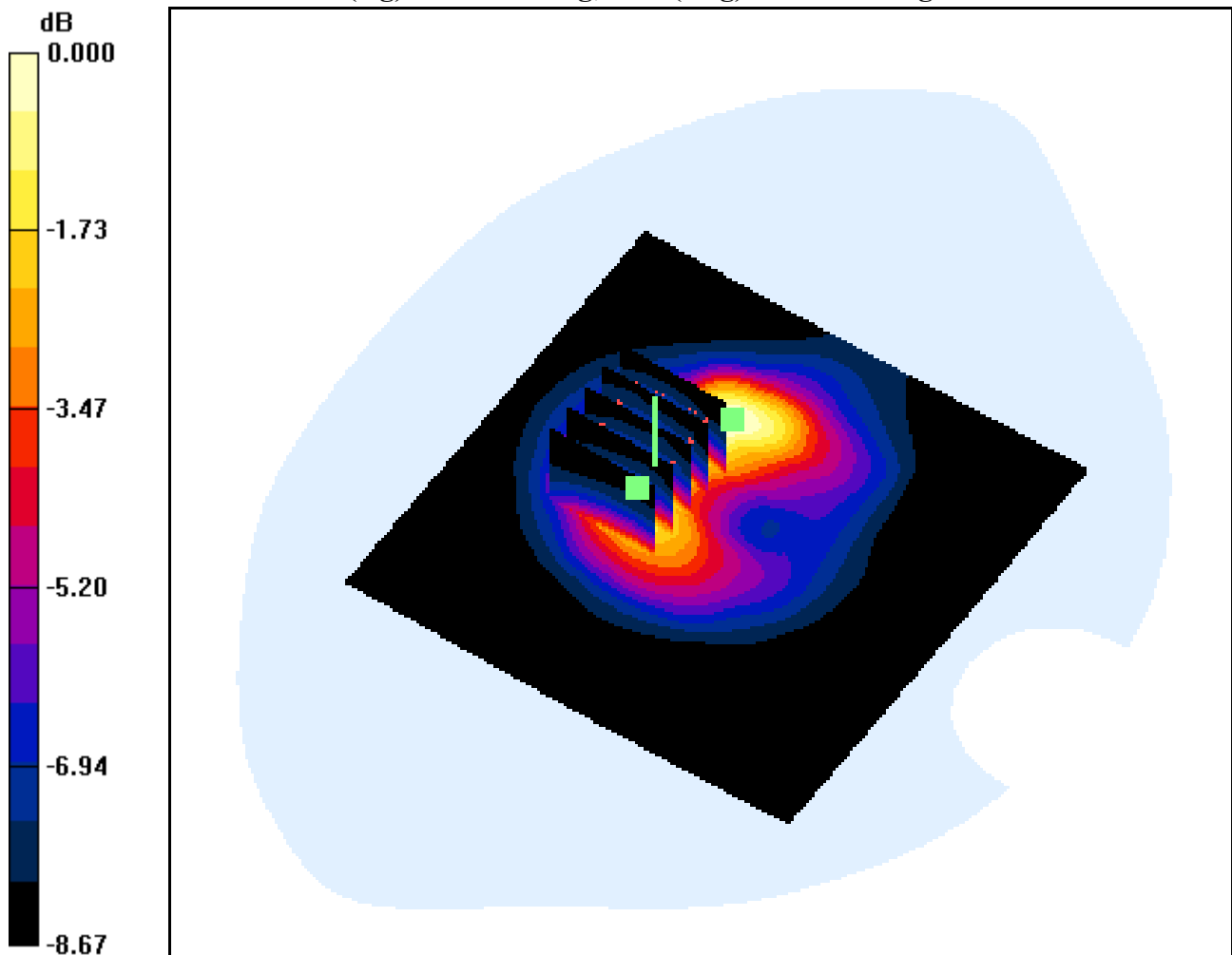
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.204 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.510 mW/g



0 dB = 1.12mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Rear

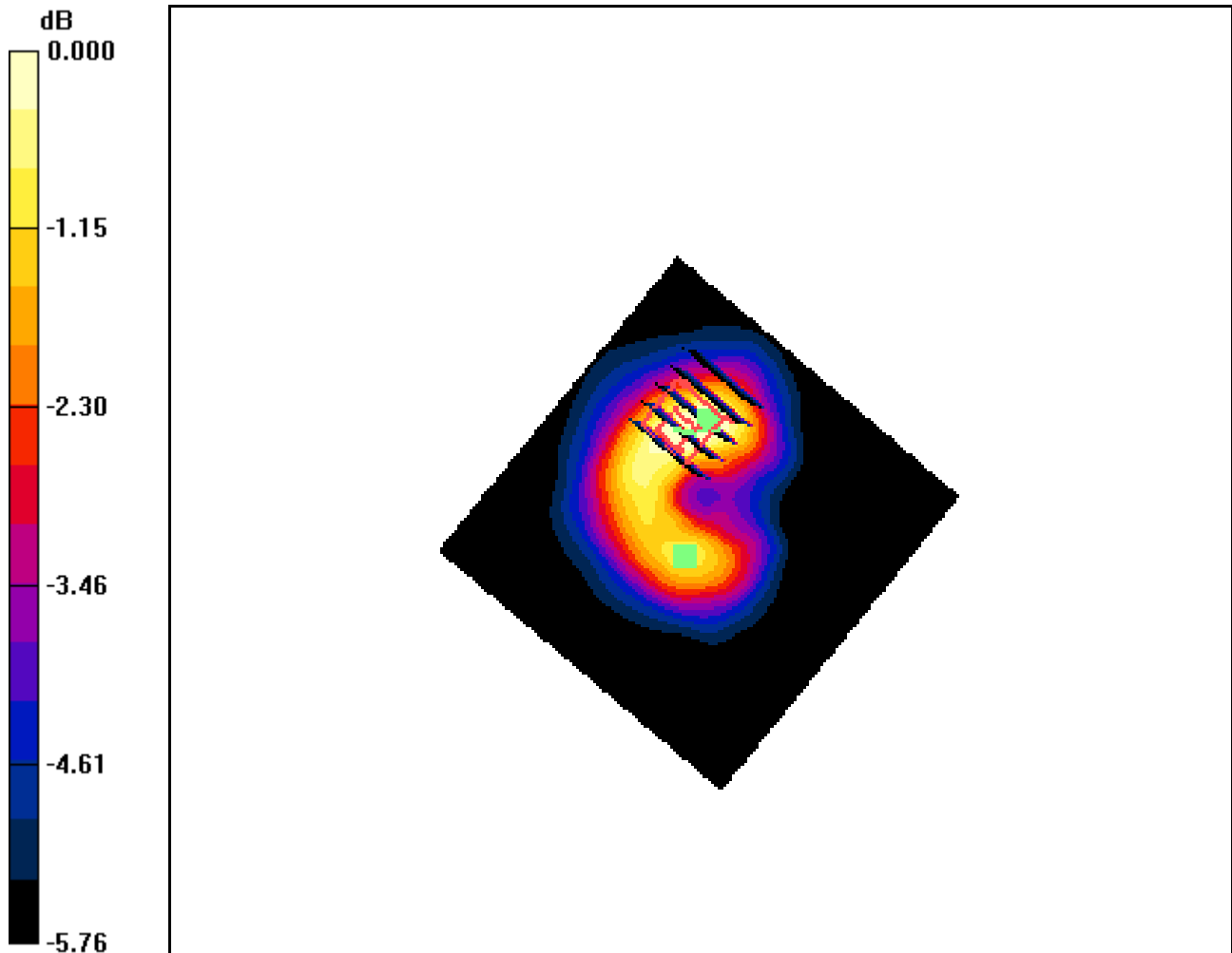
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.094 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.357 mW/g



0 dB = 0.661mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Rear

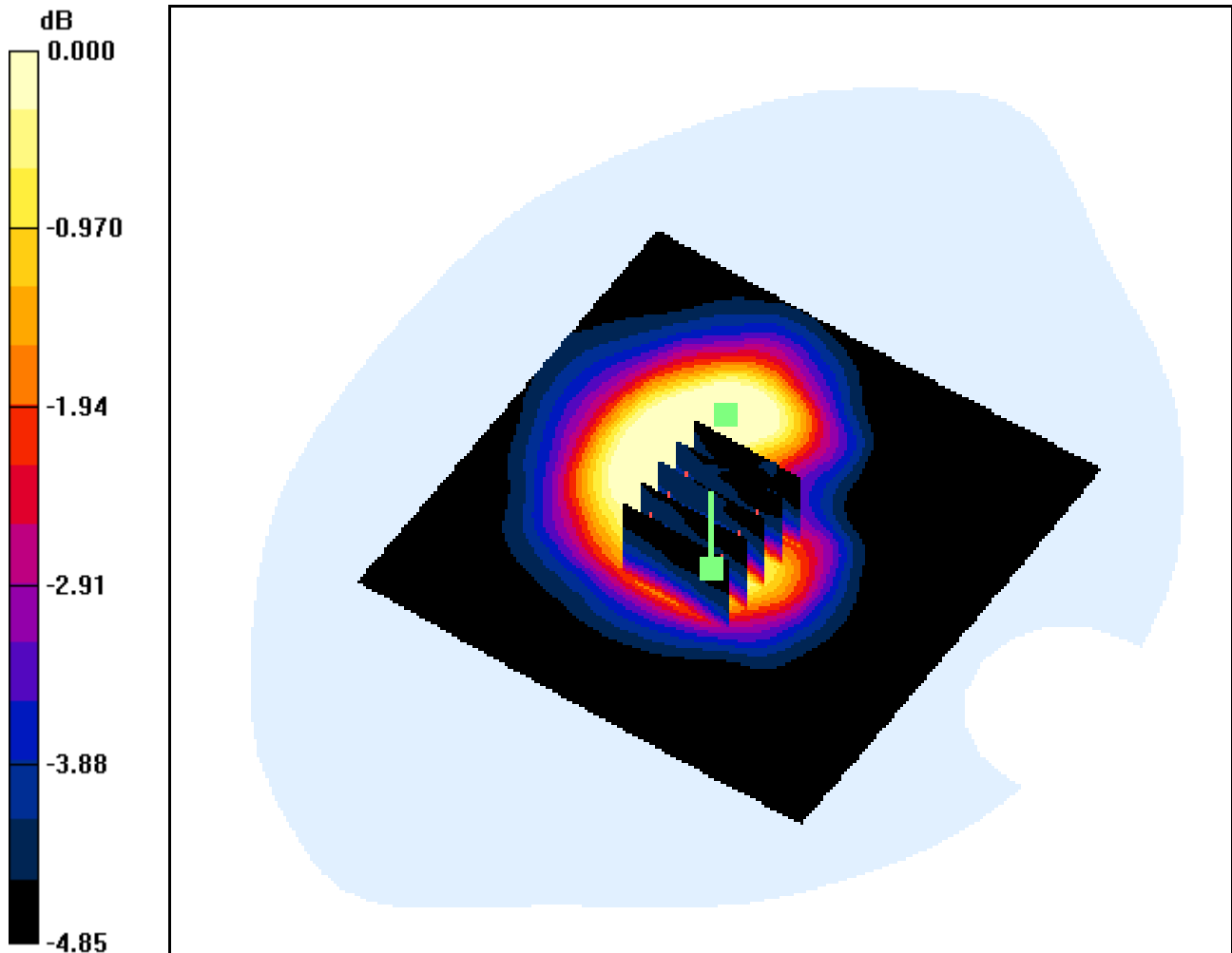
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.311 mW/g



0 dB = 0.529mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Right

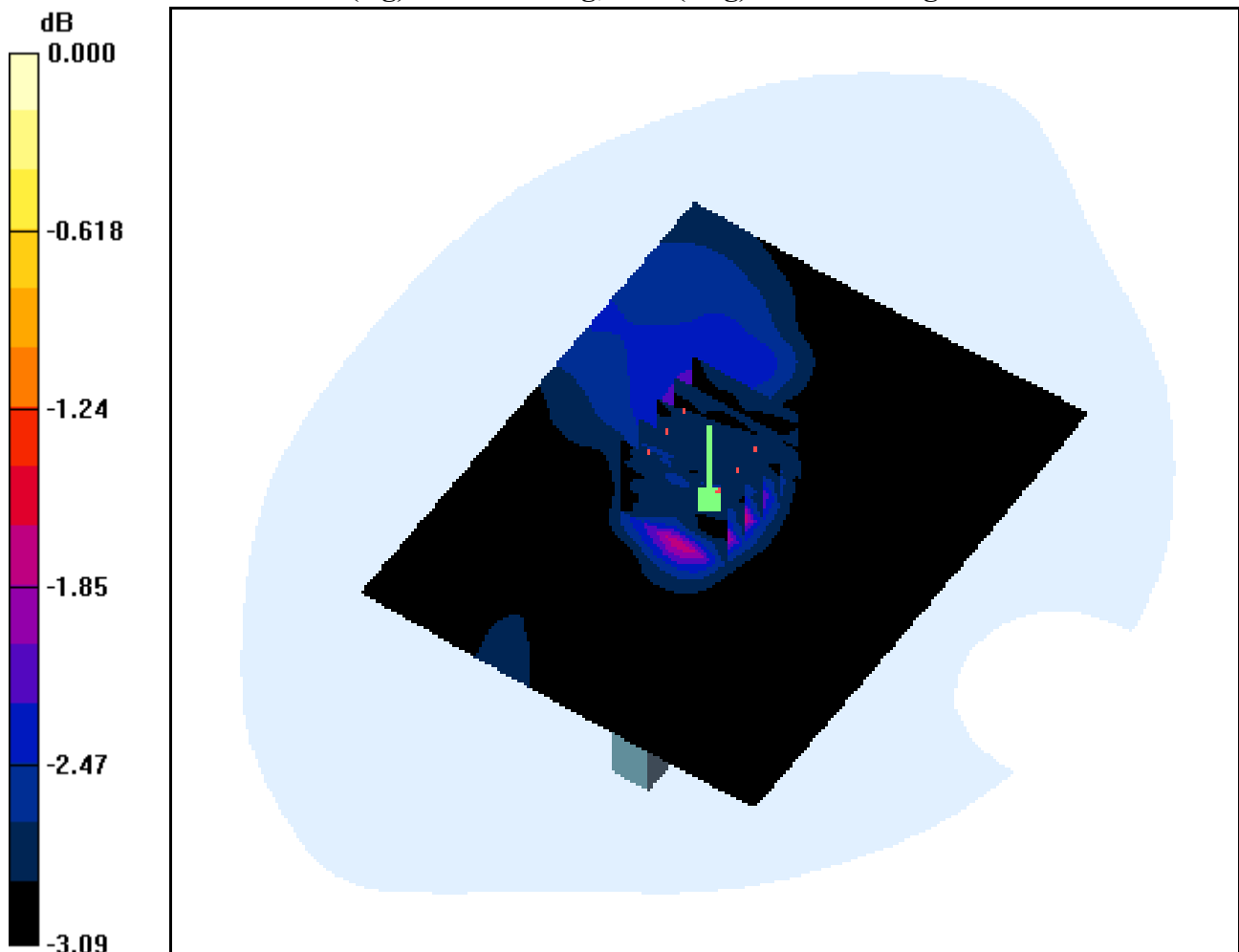
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.158 mW/g



0 dB = 0.245mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Left

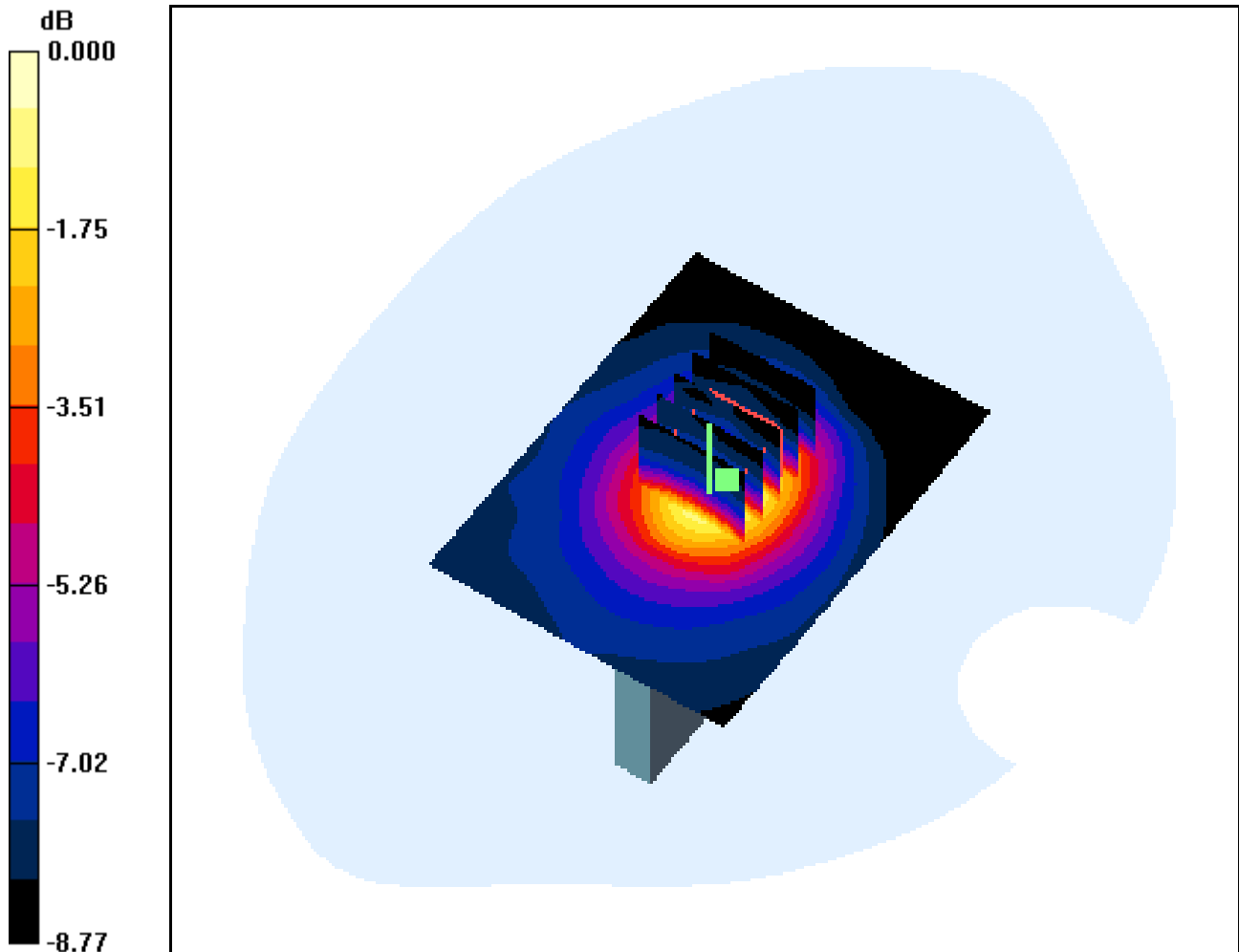
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.312 mW/g



0 dB = 0.689mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Top

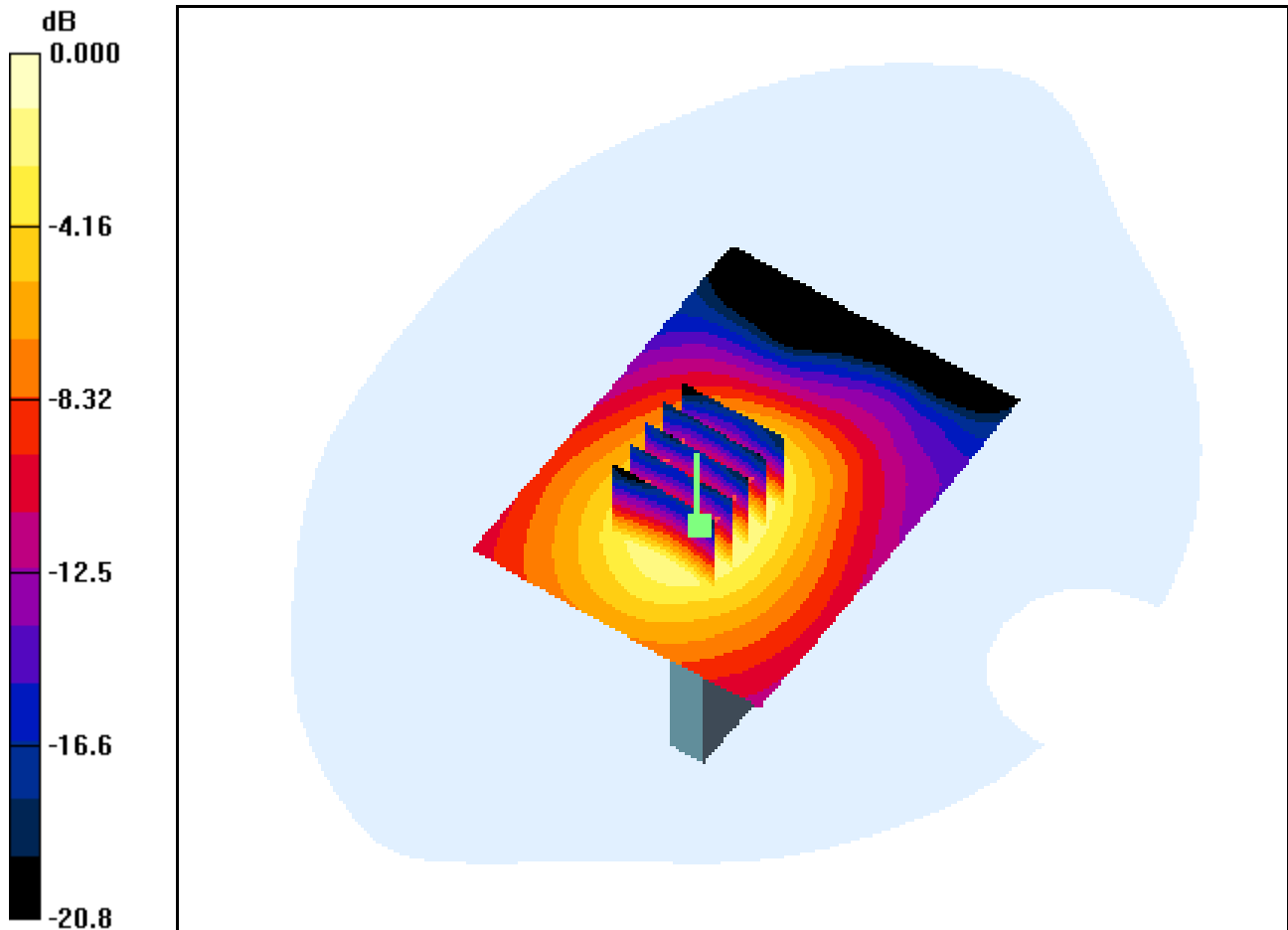
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.158 mW/g



0 dB = 0.403mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Bottom

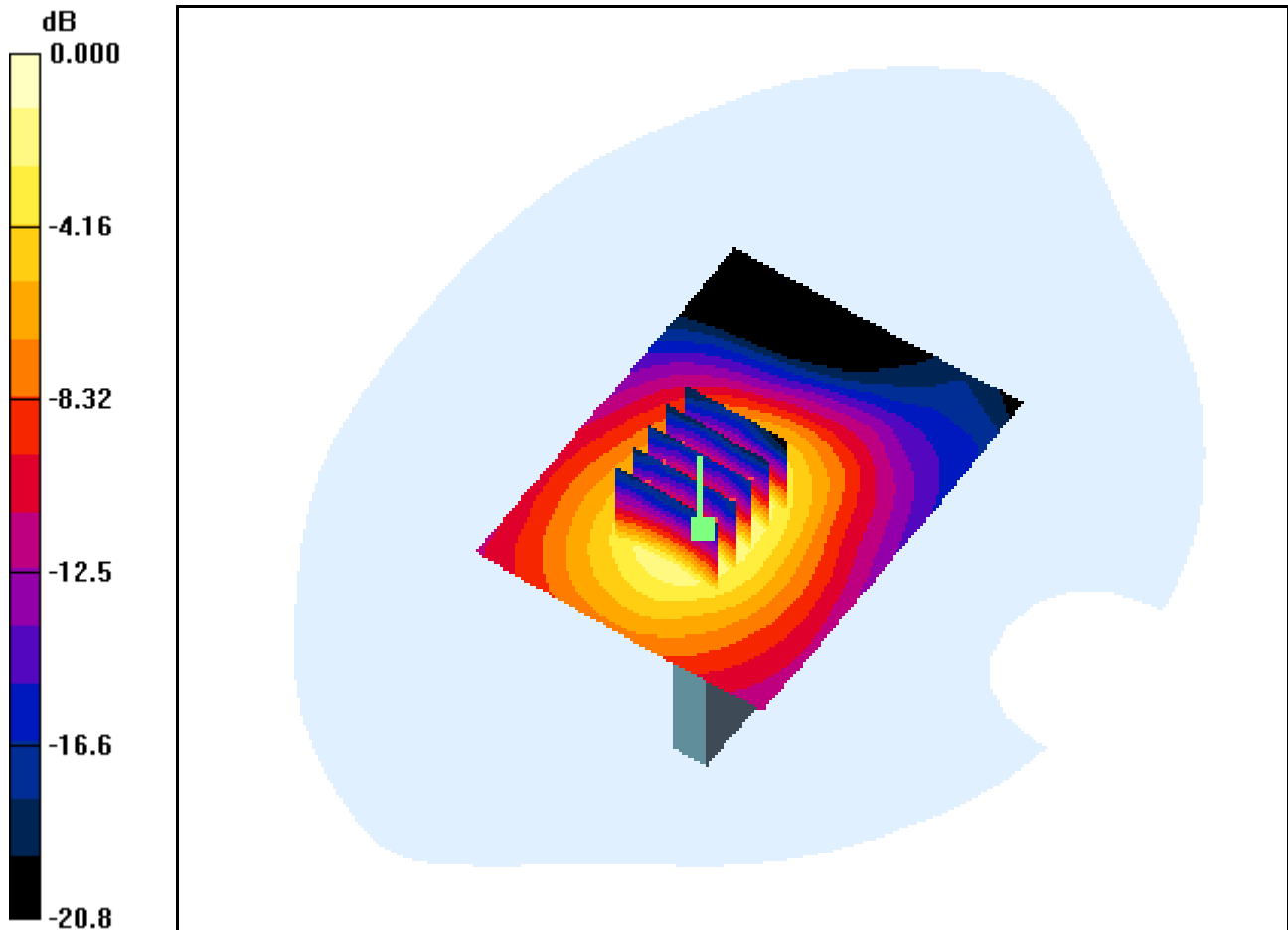
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.187 mW/g



0 dB = 0.486mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Front

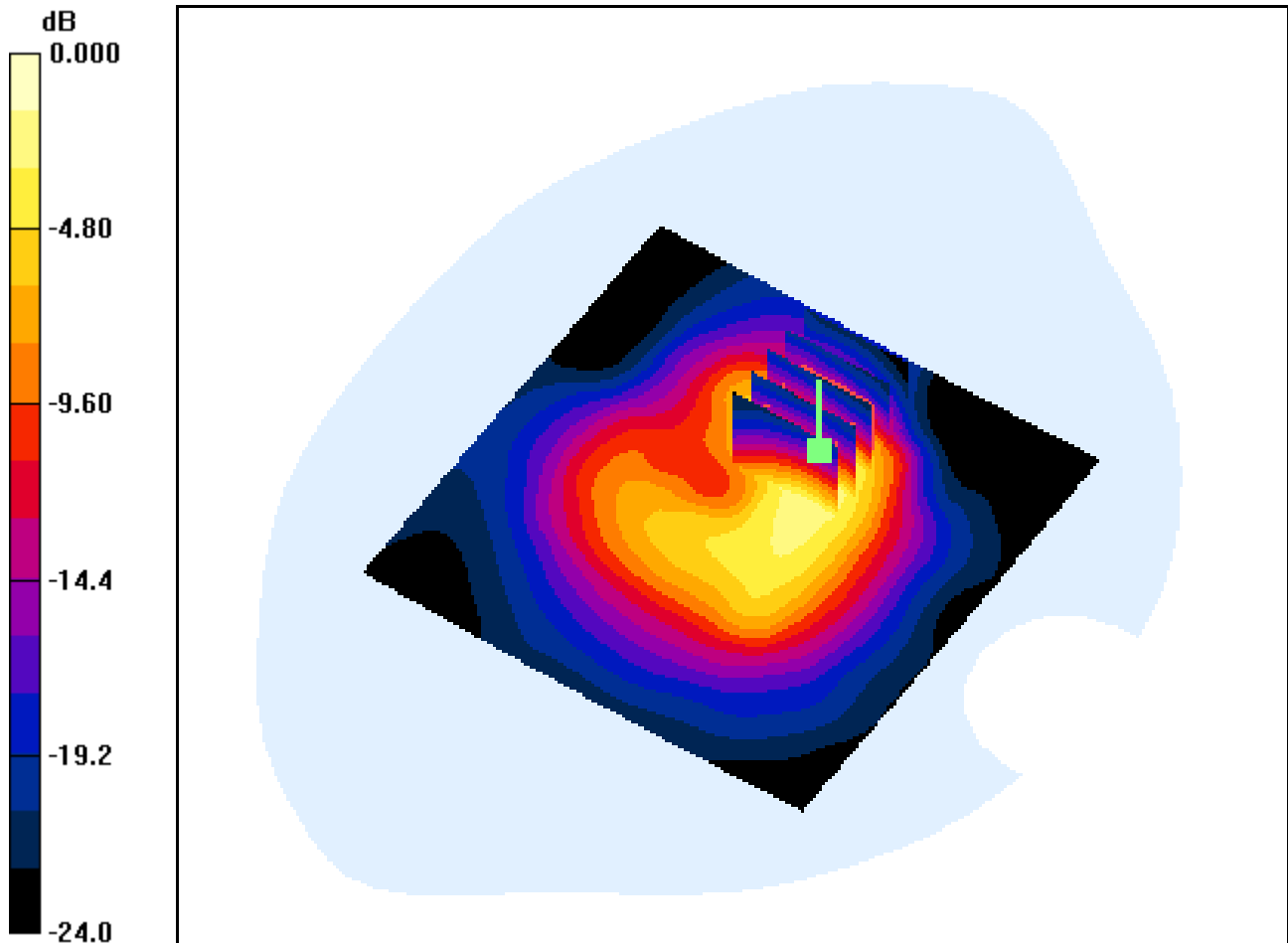
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.491 mW/g



0 dB = 1.78mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Front

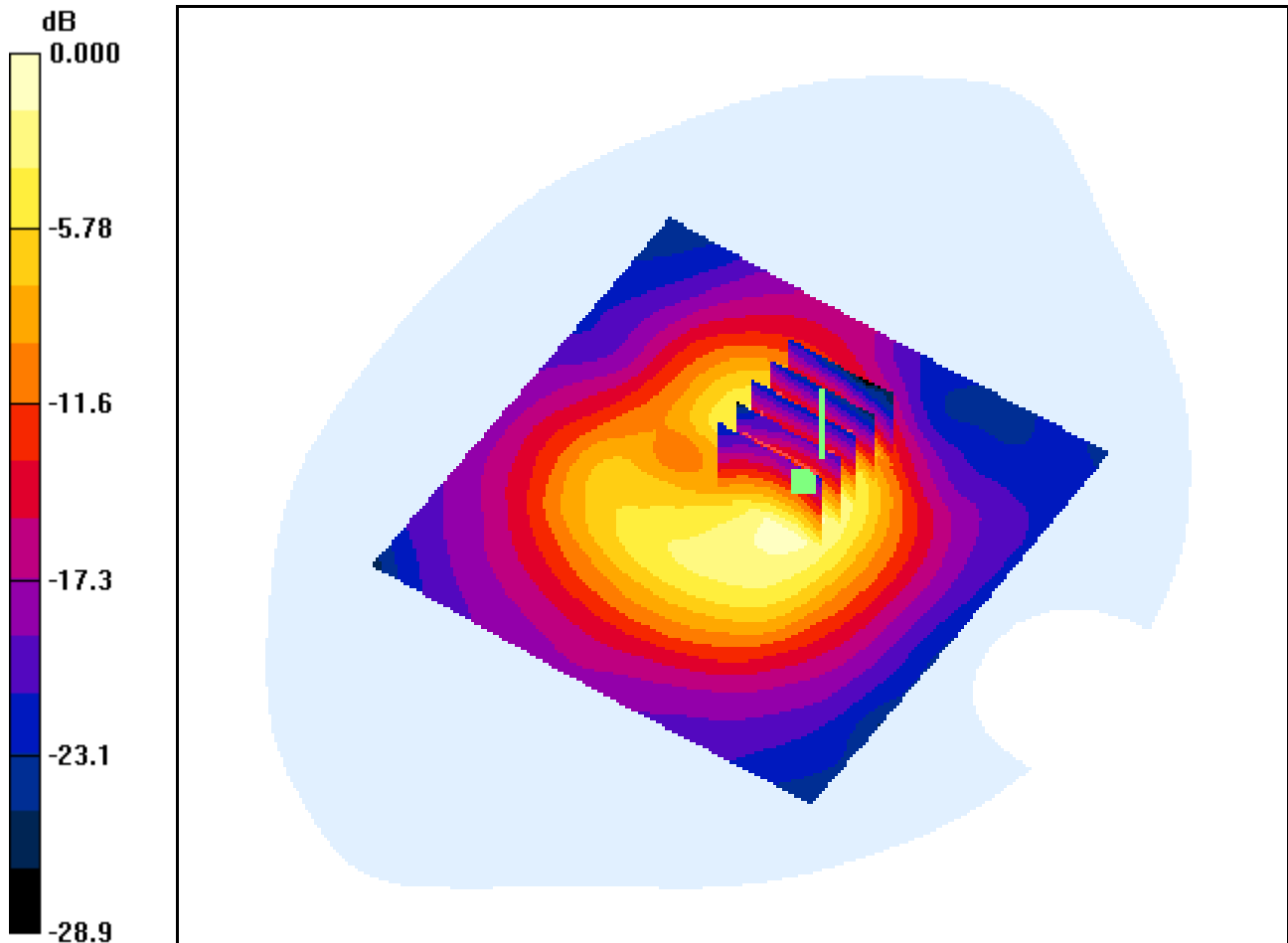
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.029 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.394 mW/g



0 dB = 1.22mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Front

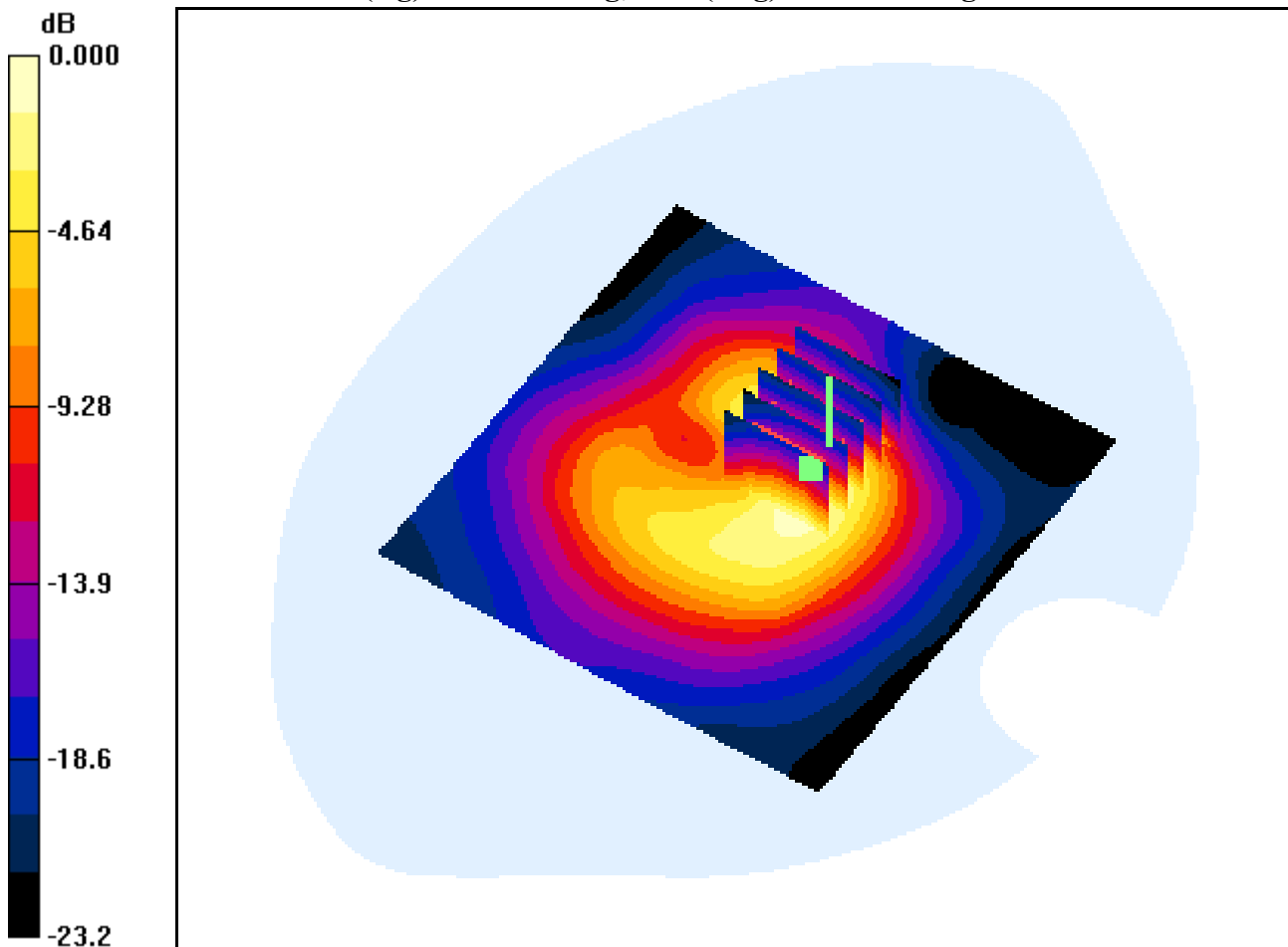
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.087 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.429 mW/g



0 dB = 1.31mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Rear

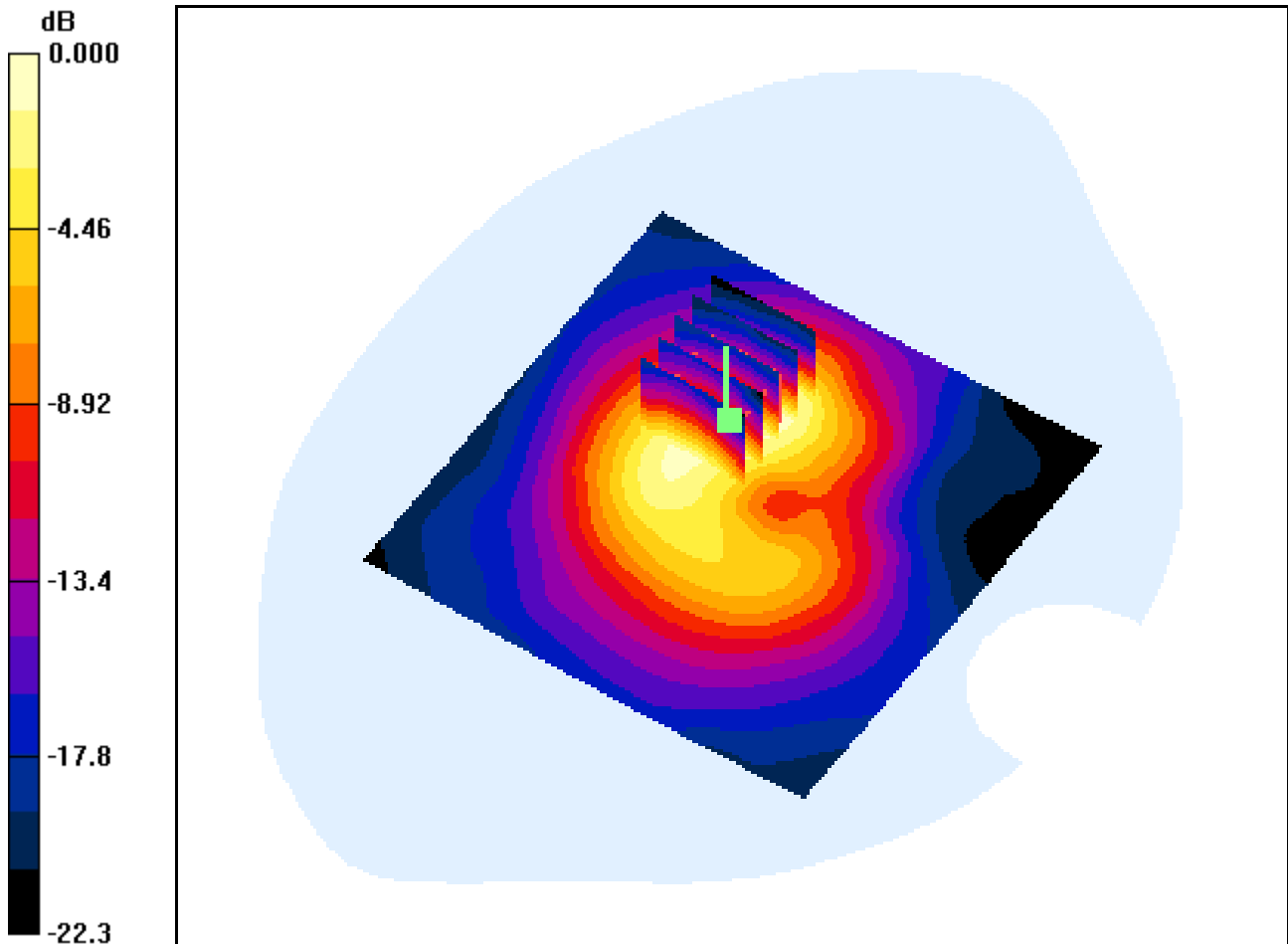
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.082 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.314 mW/g



0 dB = 0.874mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Right

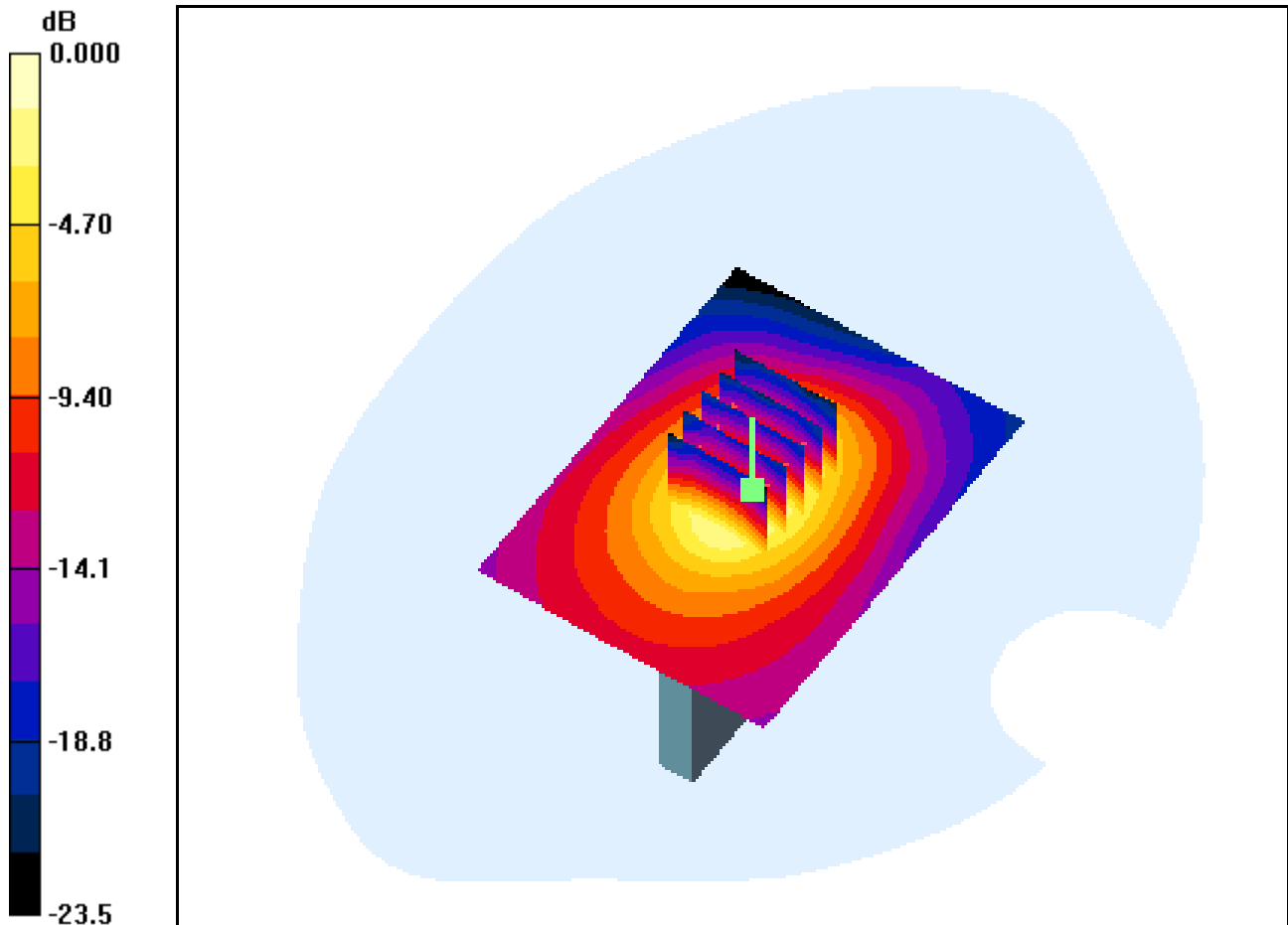
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.305 mW/g



0 dB = 0.840mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Left

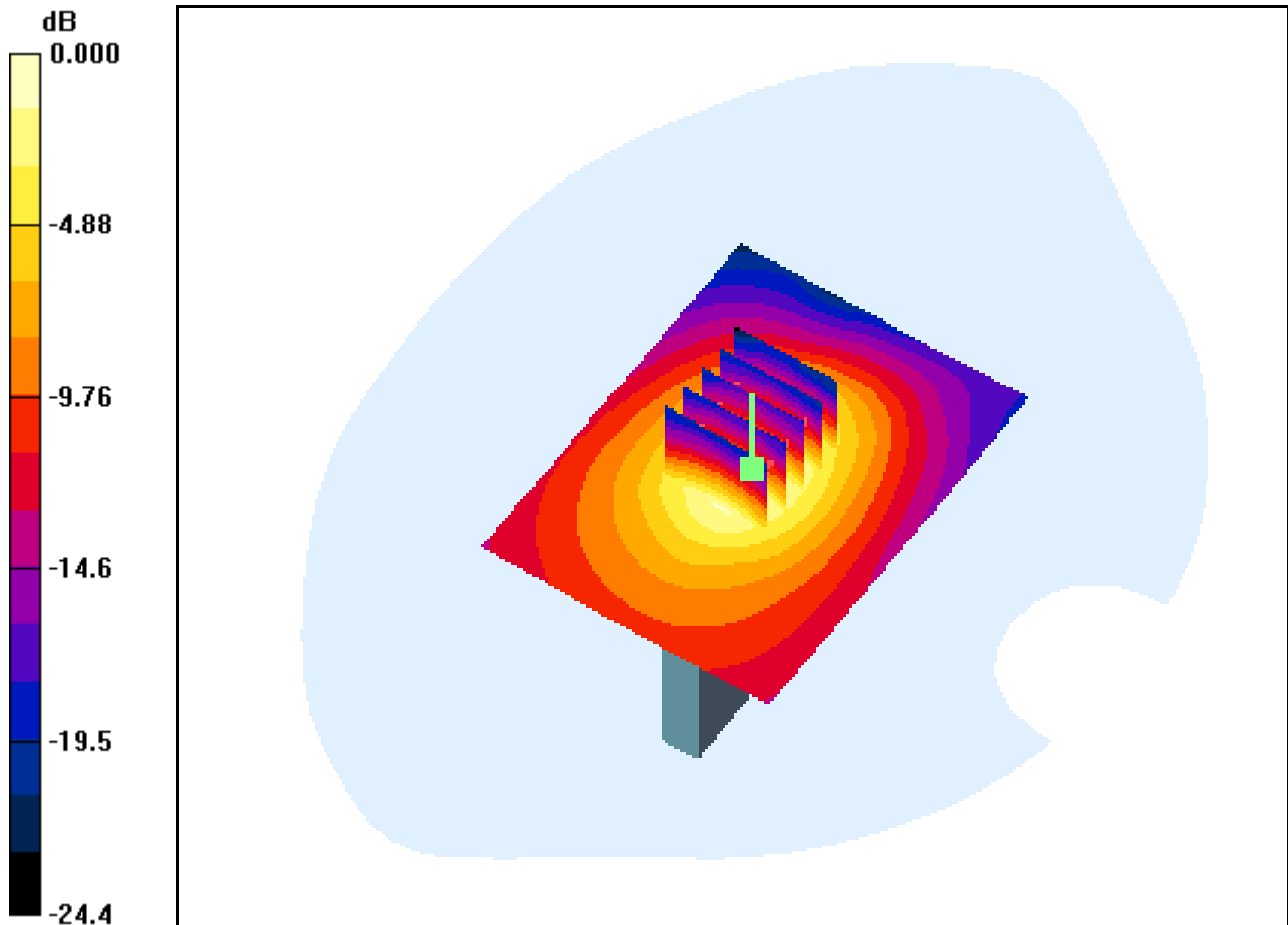
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.248 mW/g



0 dB = 0.663mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Top

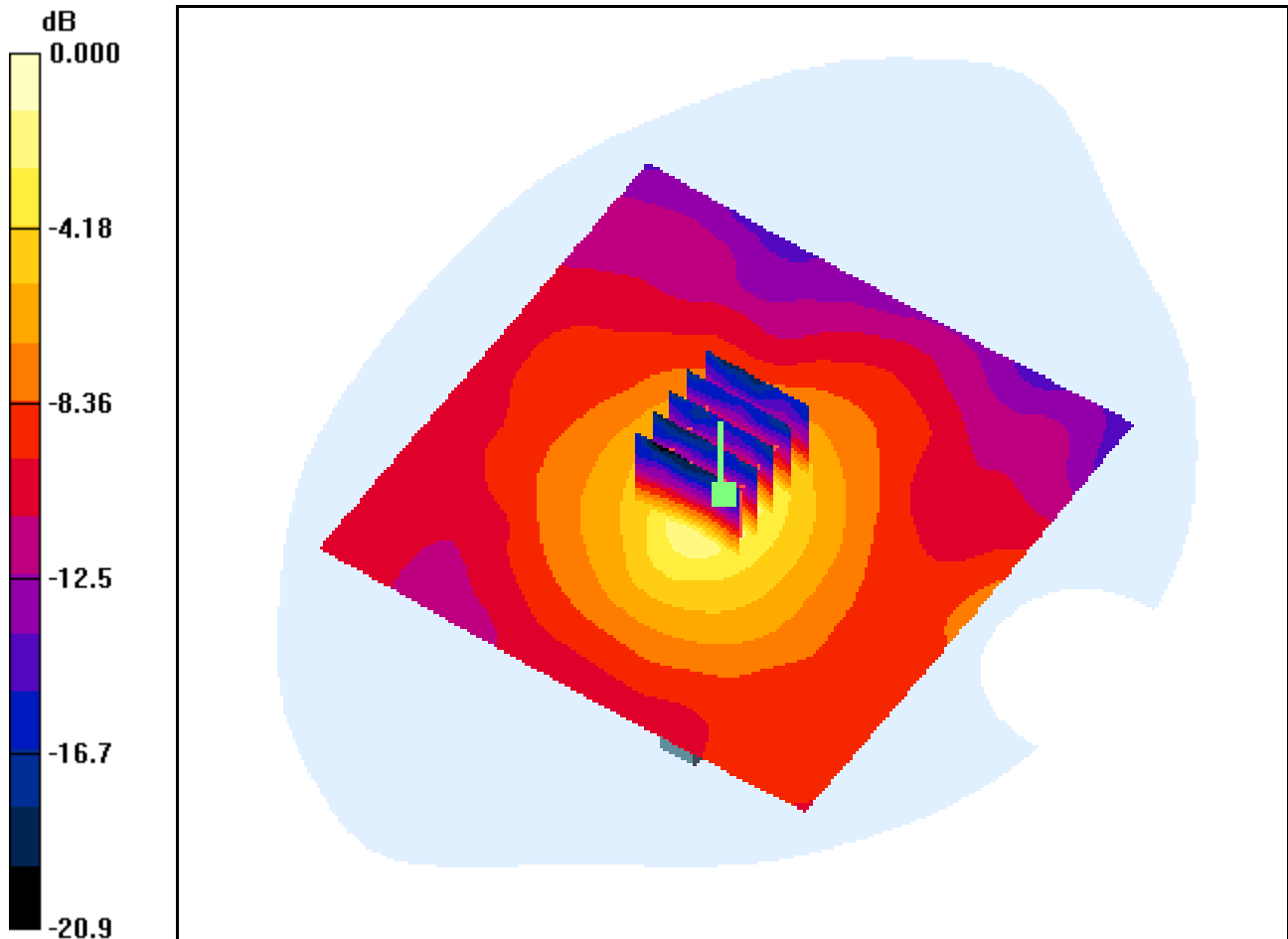
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.080 mW/g



0 dB = 0.227mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Bottom

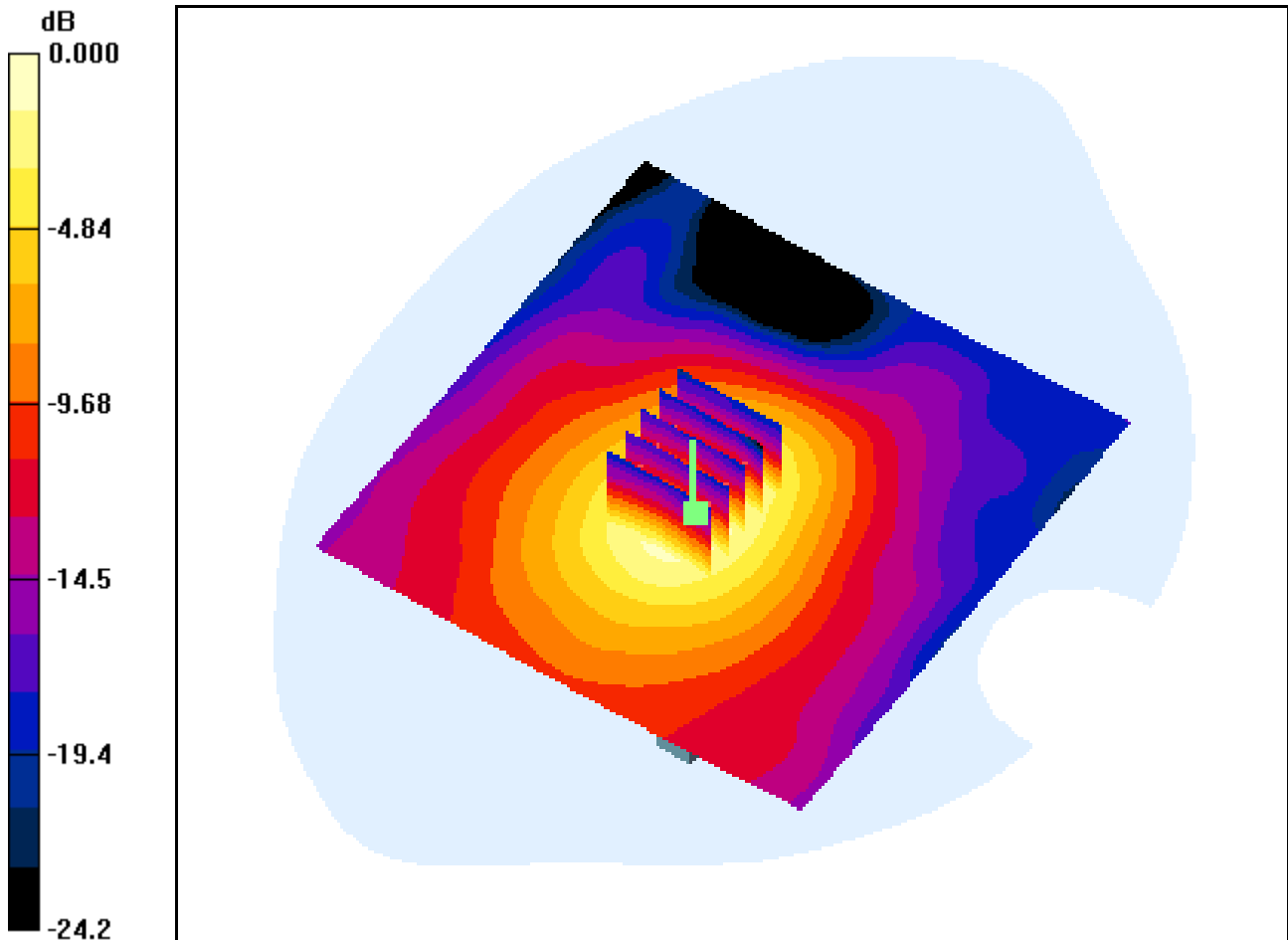
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.160 mW/g



0 dB = 0.409mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

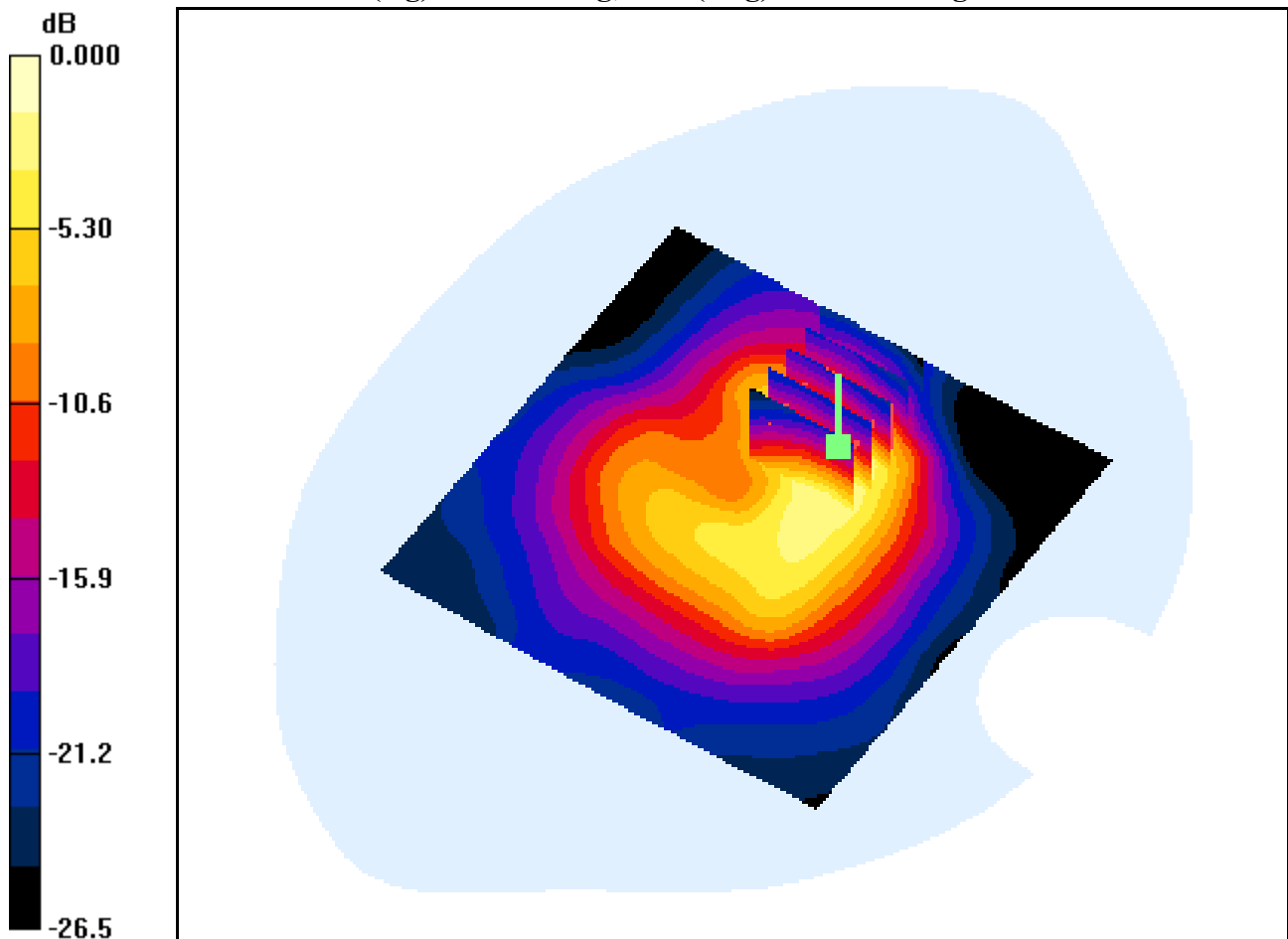
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.003 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.498 mW/g



0 dB = 1.77mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

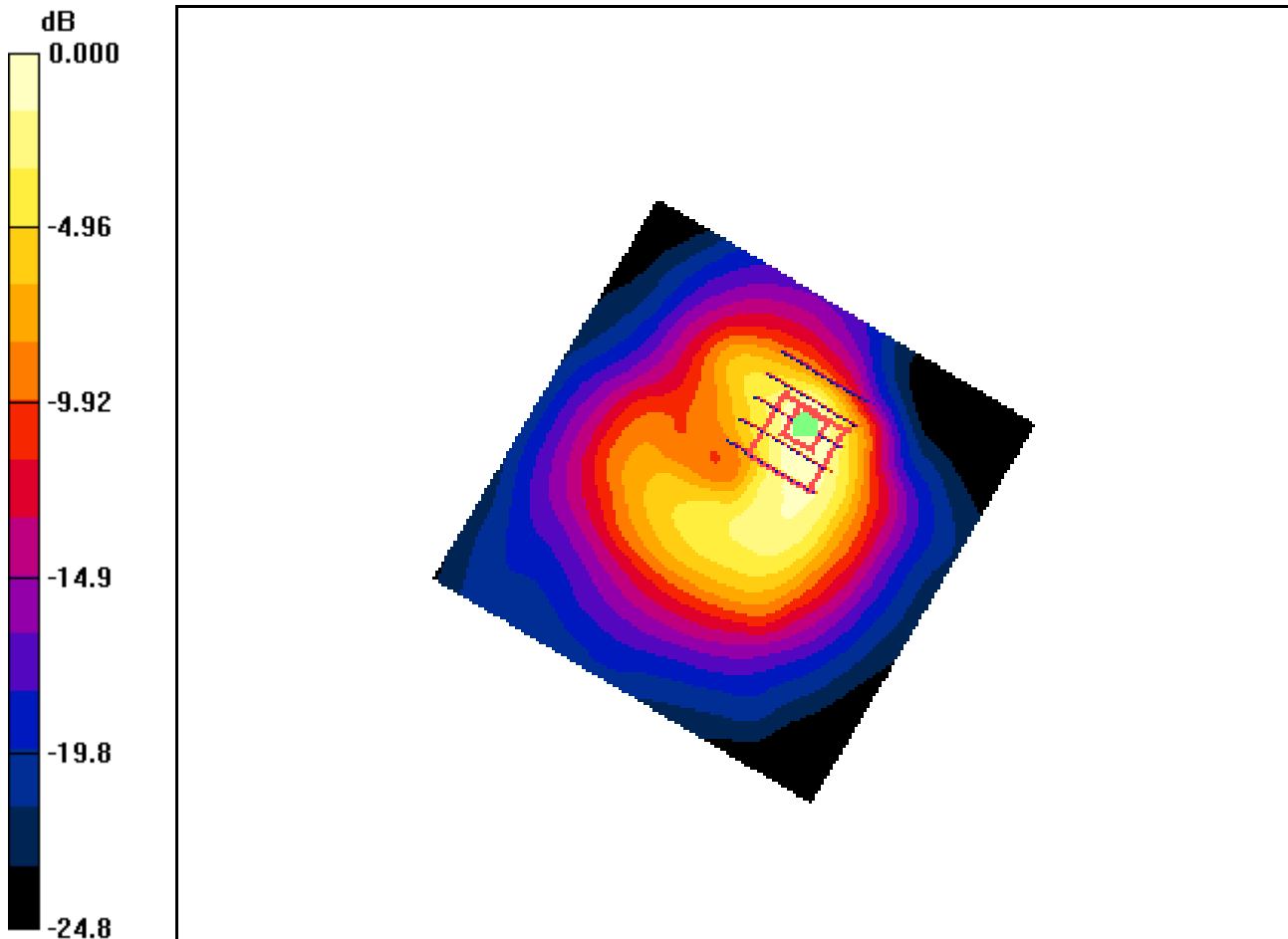
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.117 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.455 mW/g



0 dB = 1.51mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

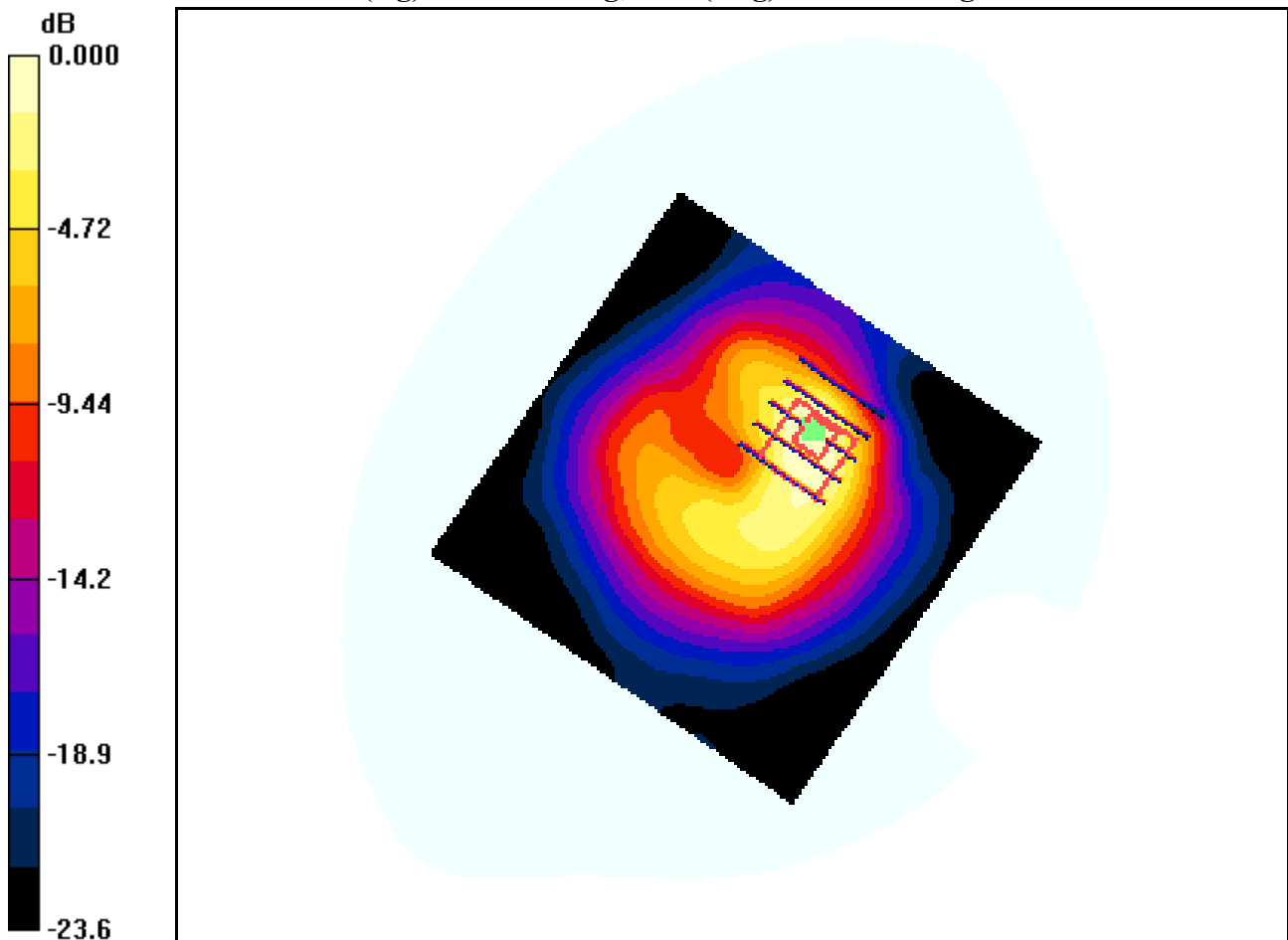
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.053 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.433 mW/g



0 dB = 1.47mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Rear

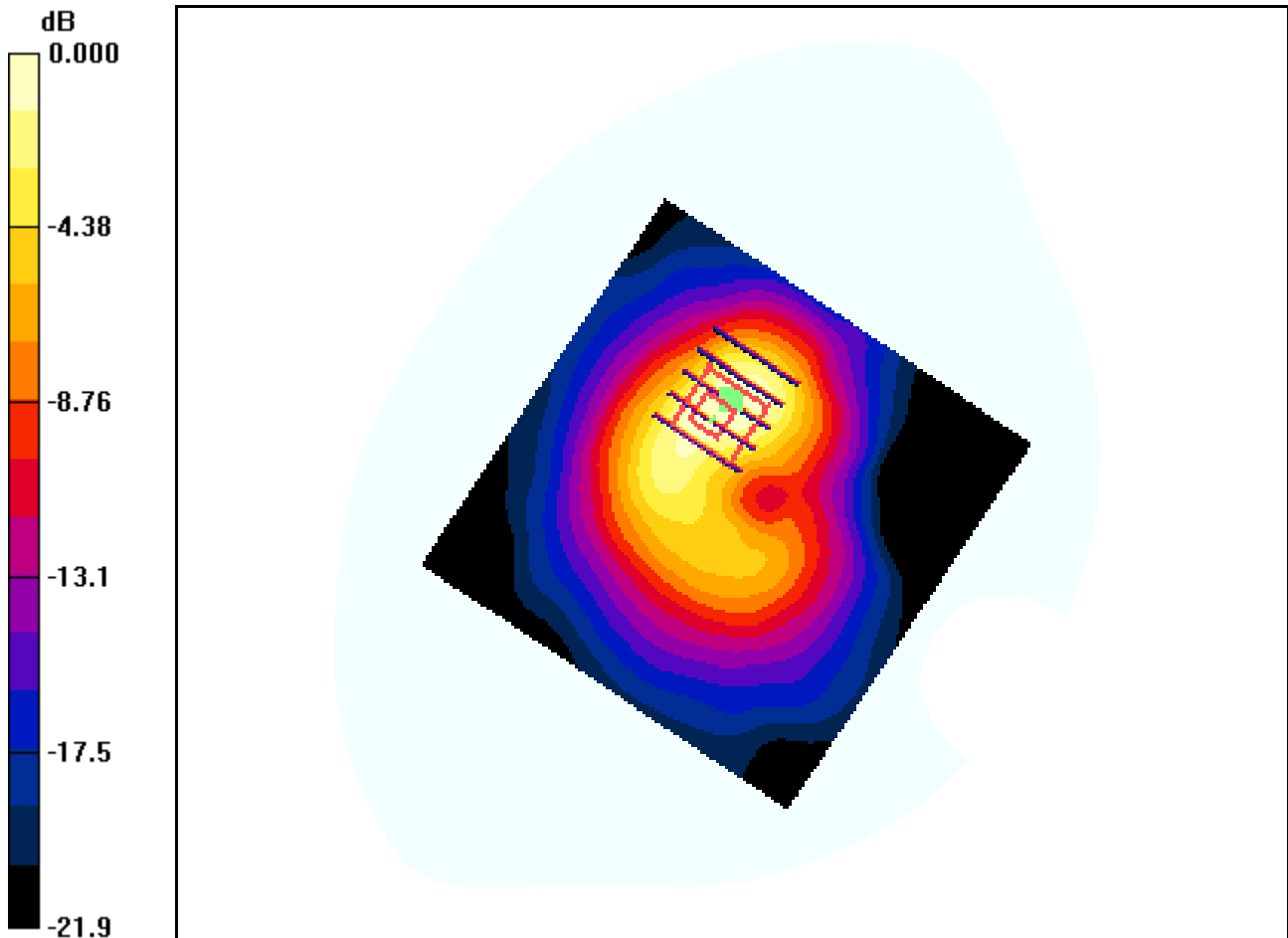
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.115 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.363 mW/g



0 dB = 1.04mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Right

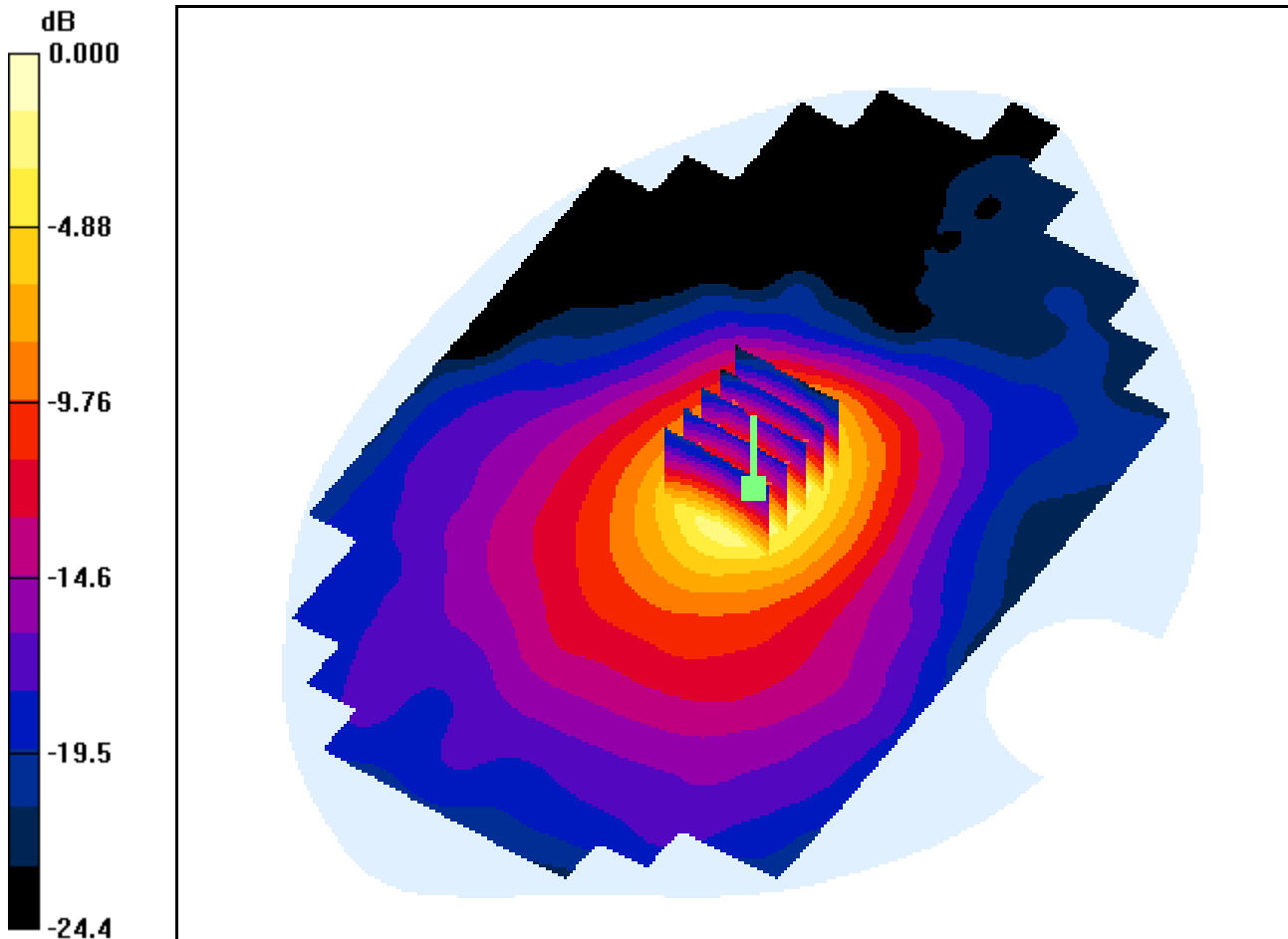
Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.301 mW/g



0 dB = 0.847mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Left

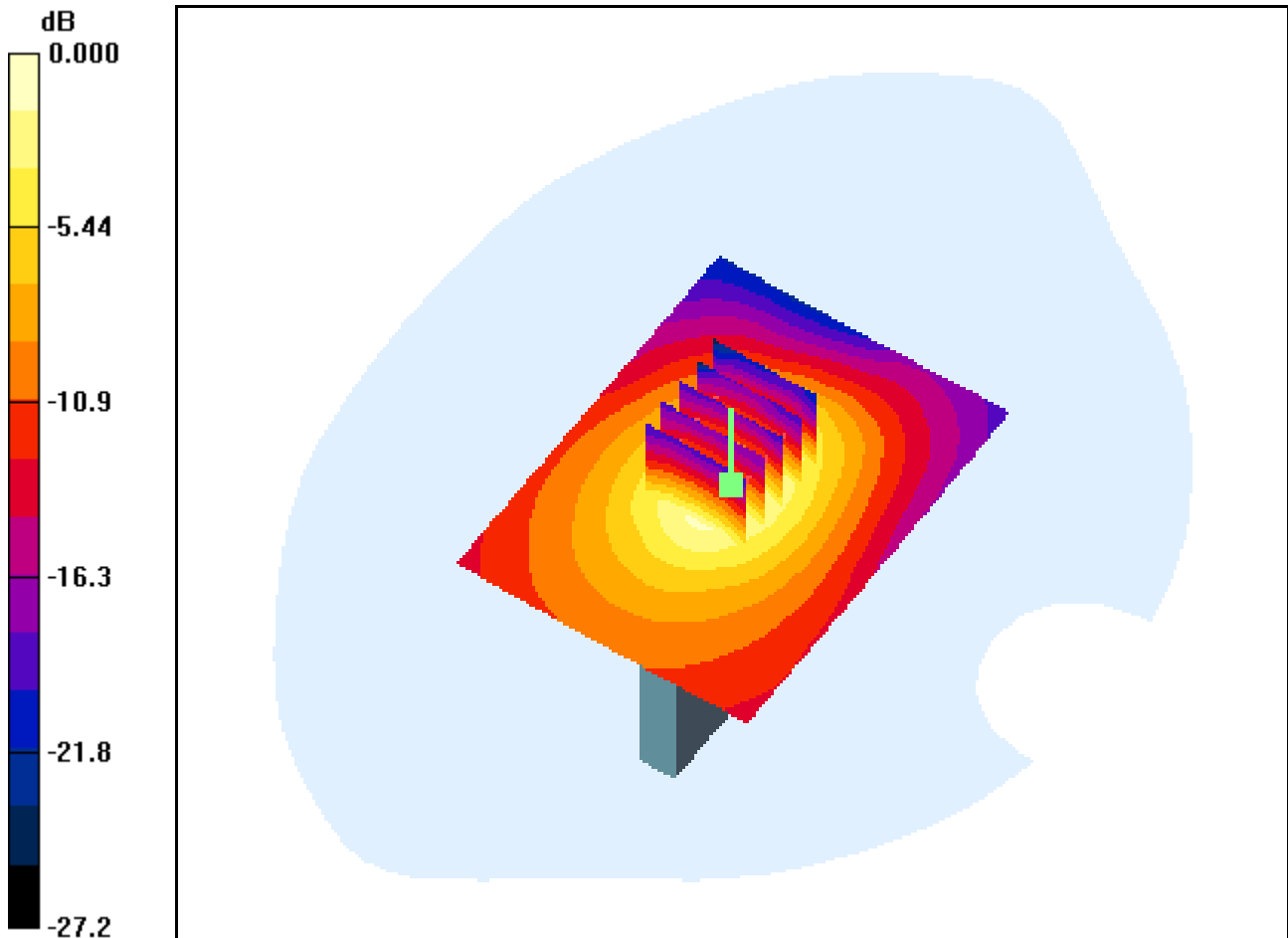
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.253 mW/g



0 dB = 0.681mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Top

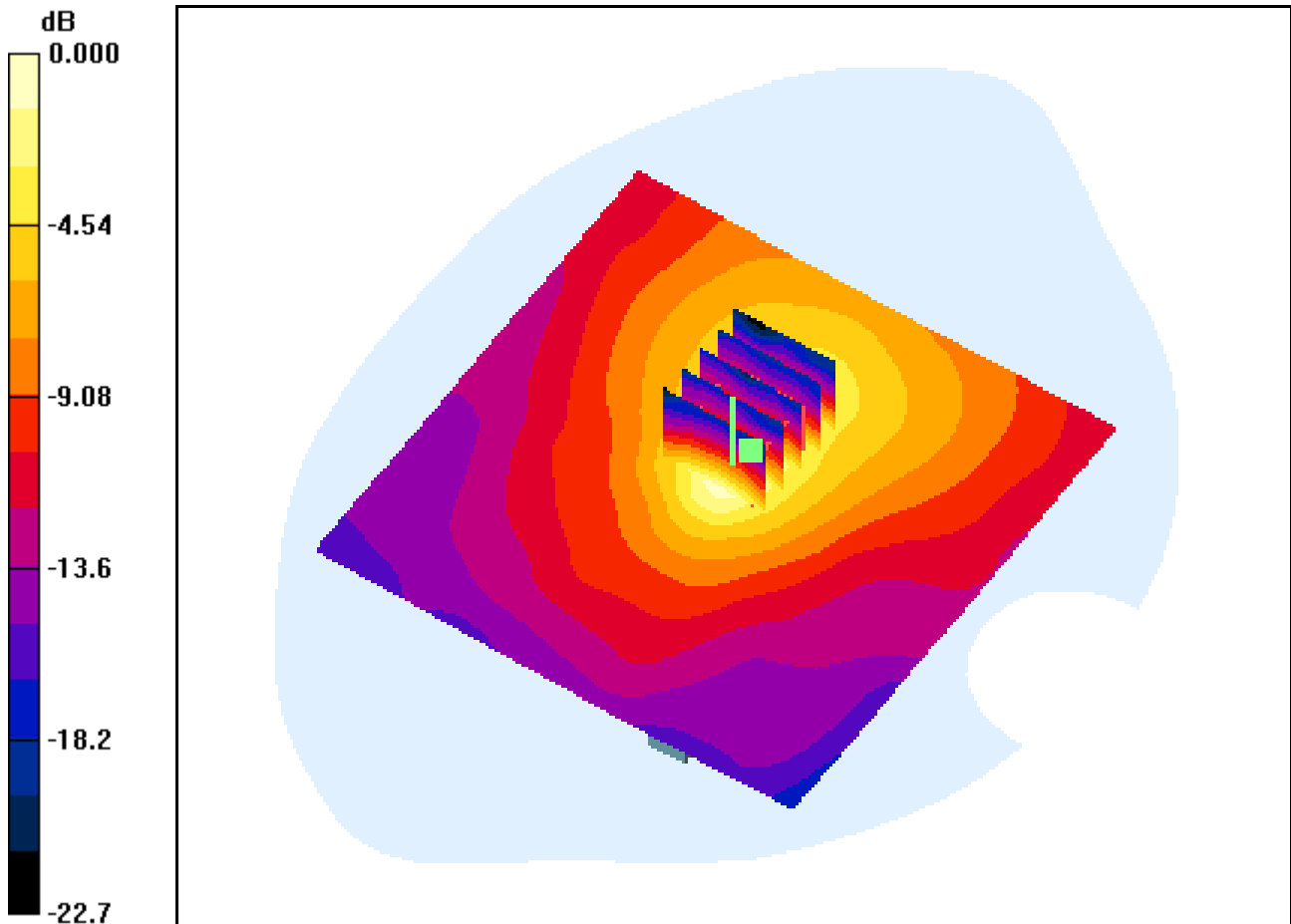
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.104 mW/g



0 dB = 0.296mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Bottom

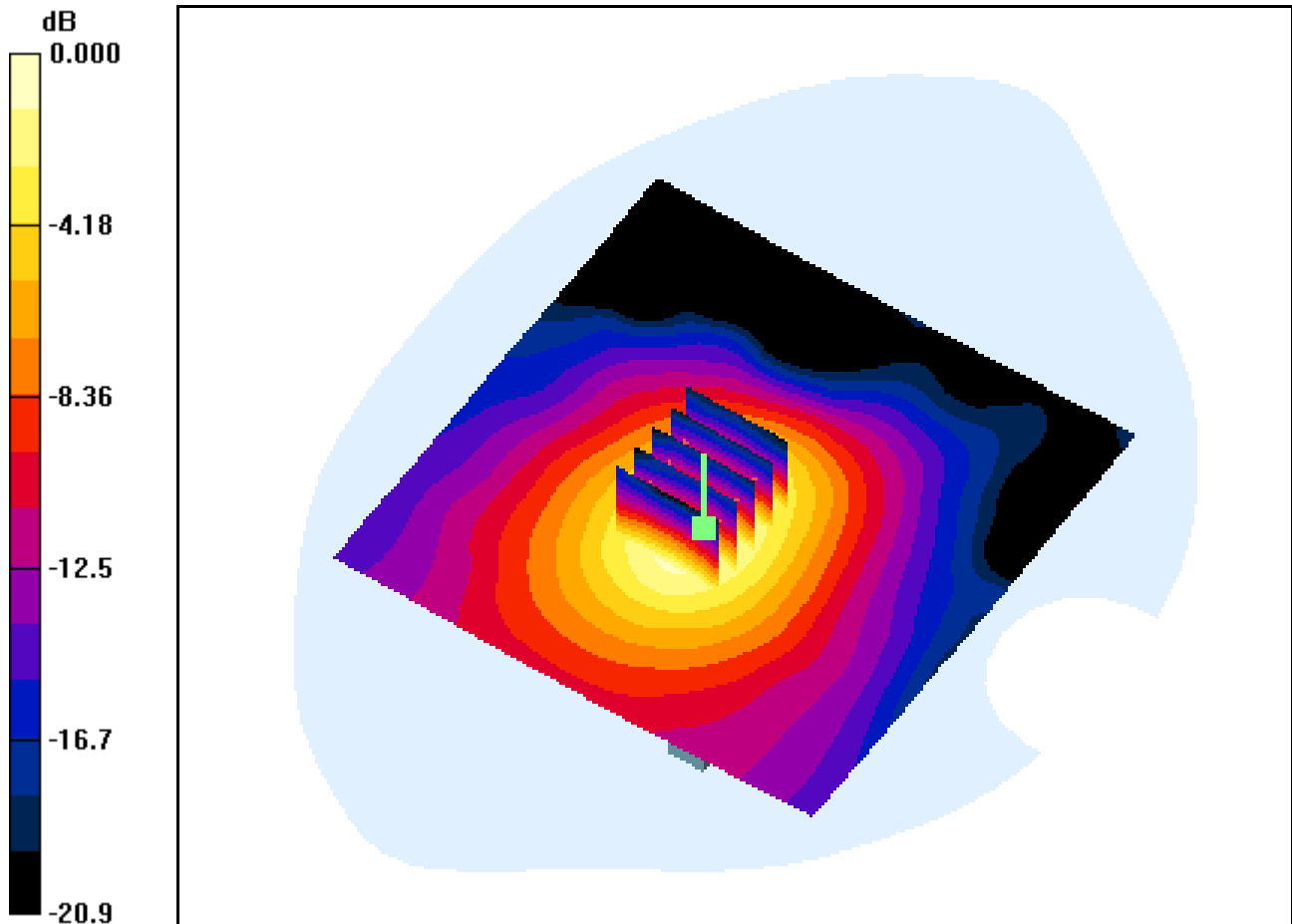
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.162 mW/g



0 dB = 0.414mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

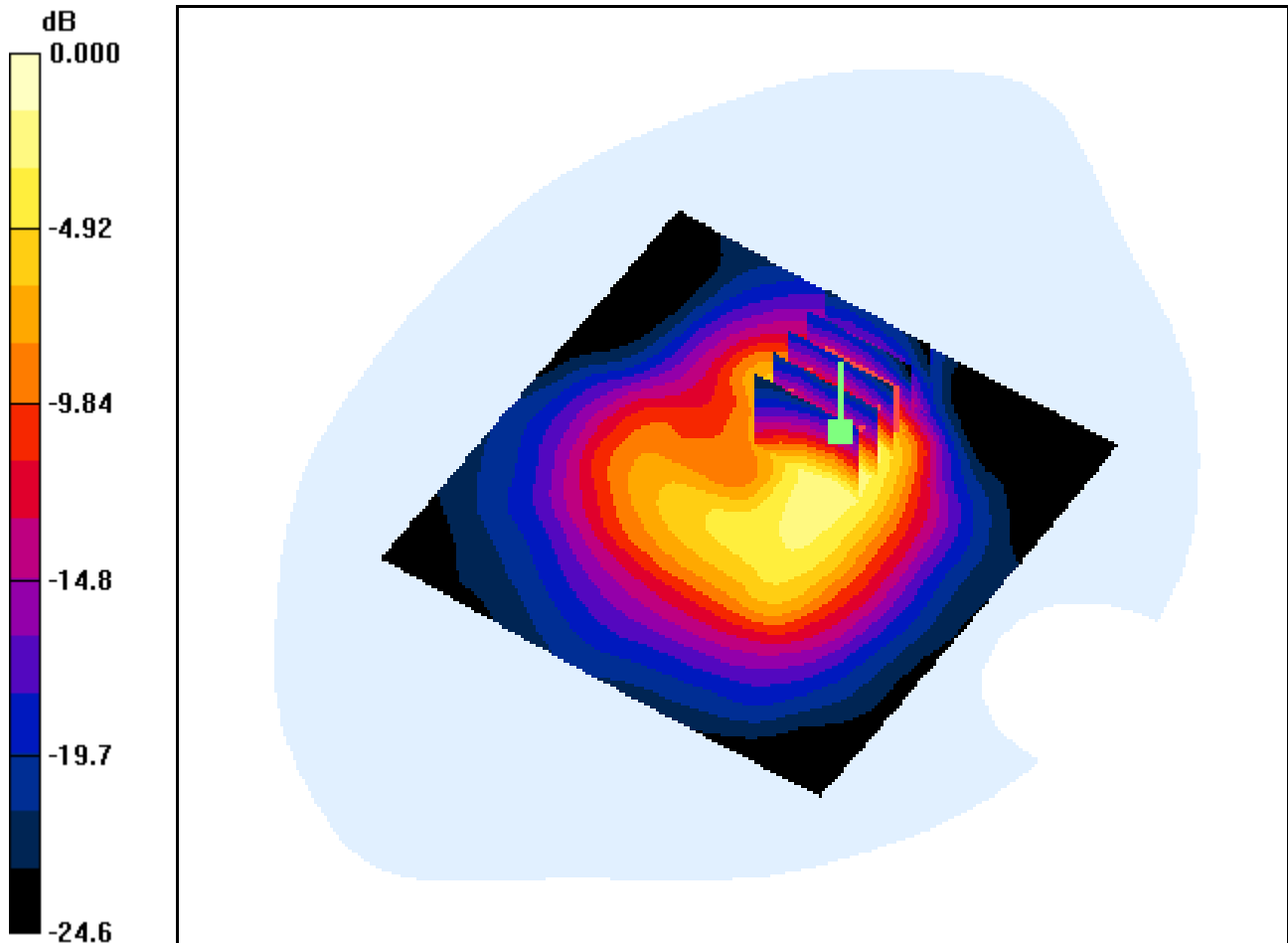
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.061 dB

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.467 mW/g



0 dB = 1.63mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

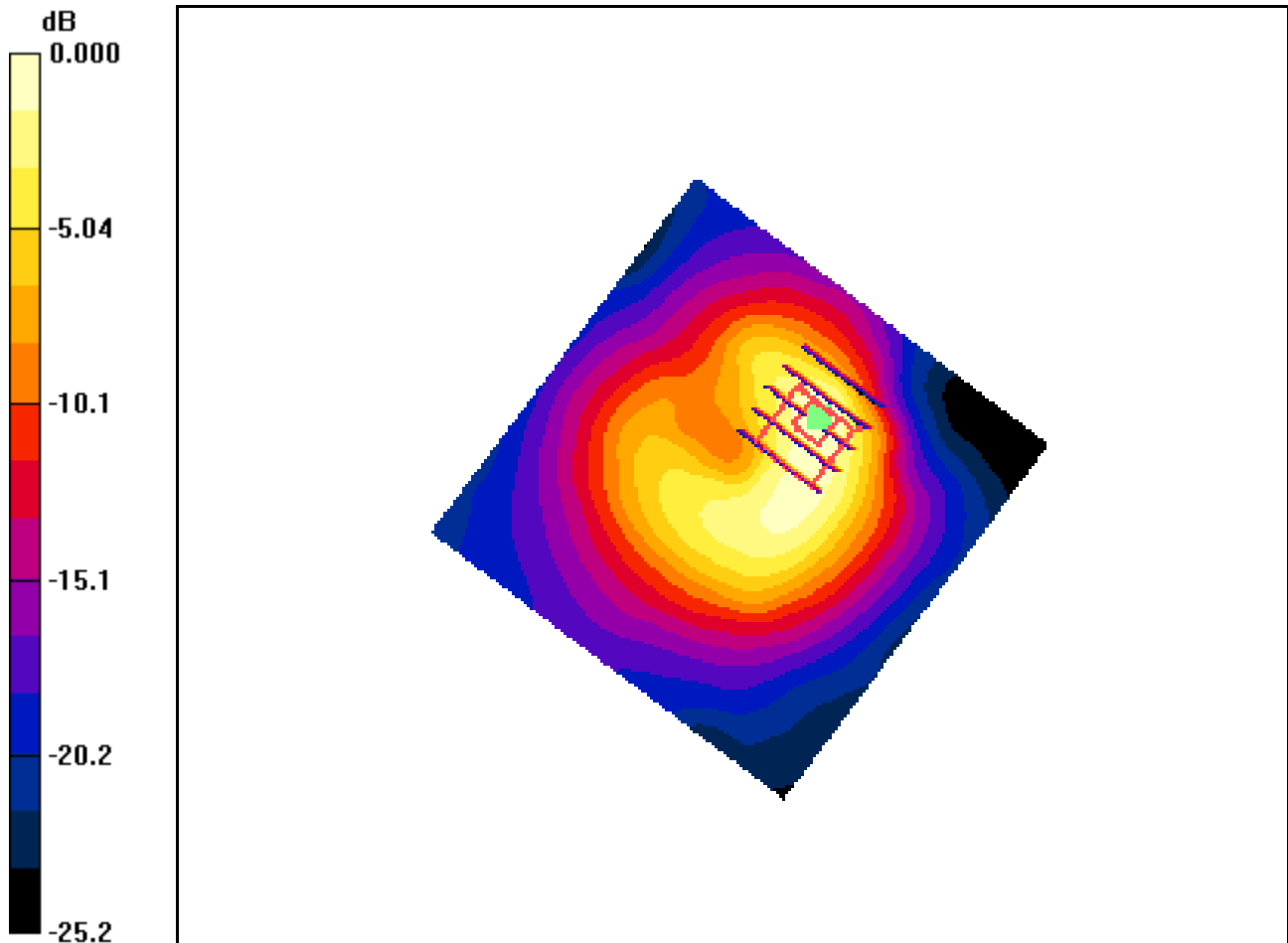
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.352 mW/g



0 dB = 1.12mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2686.75 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2686.75$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. High(2686.75 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

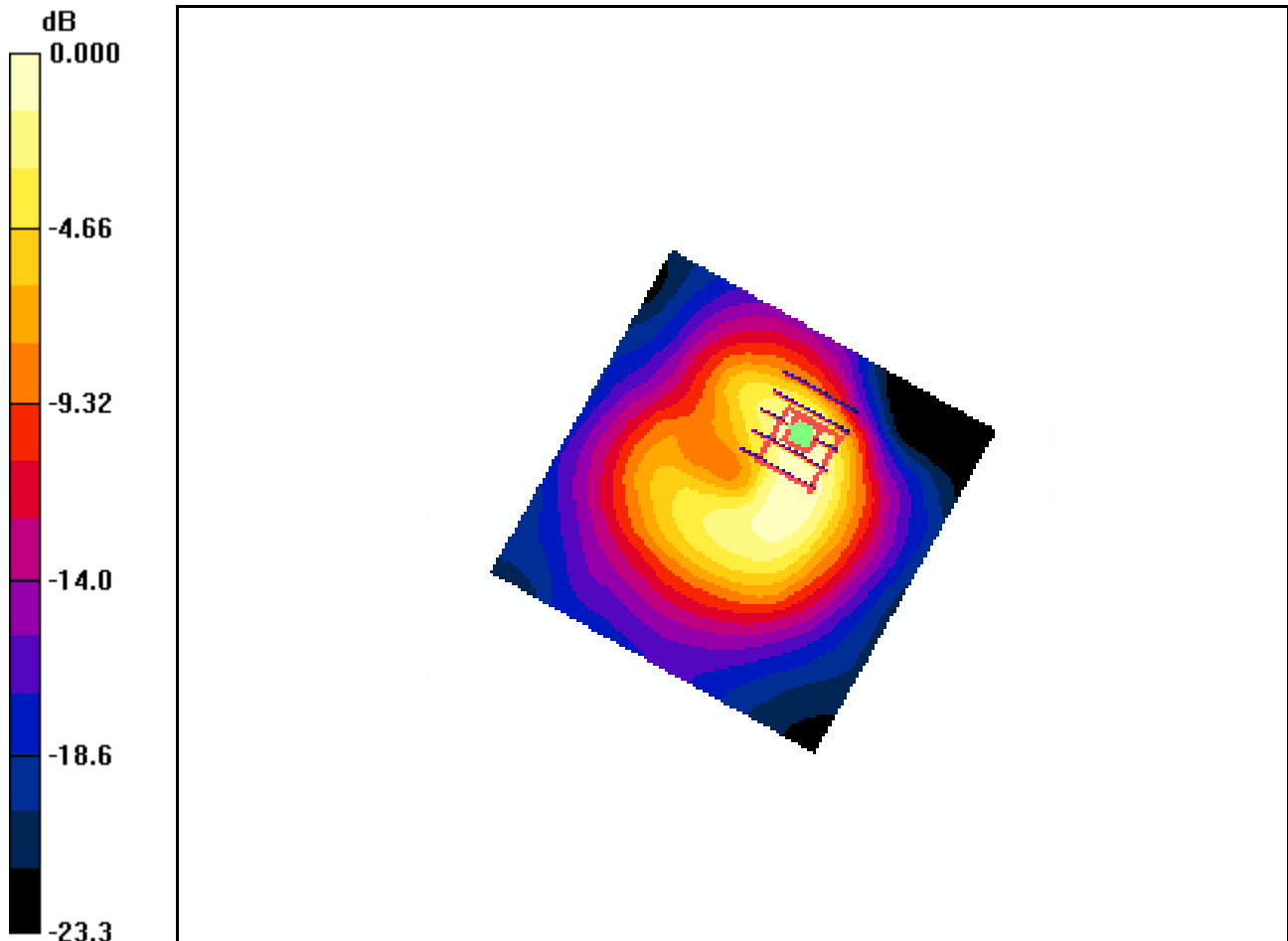
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.174 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.324 mW/g



0 dB = 0.992mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Rear

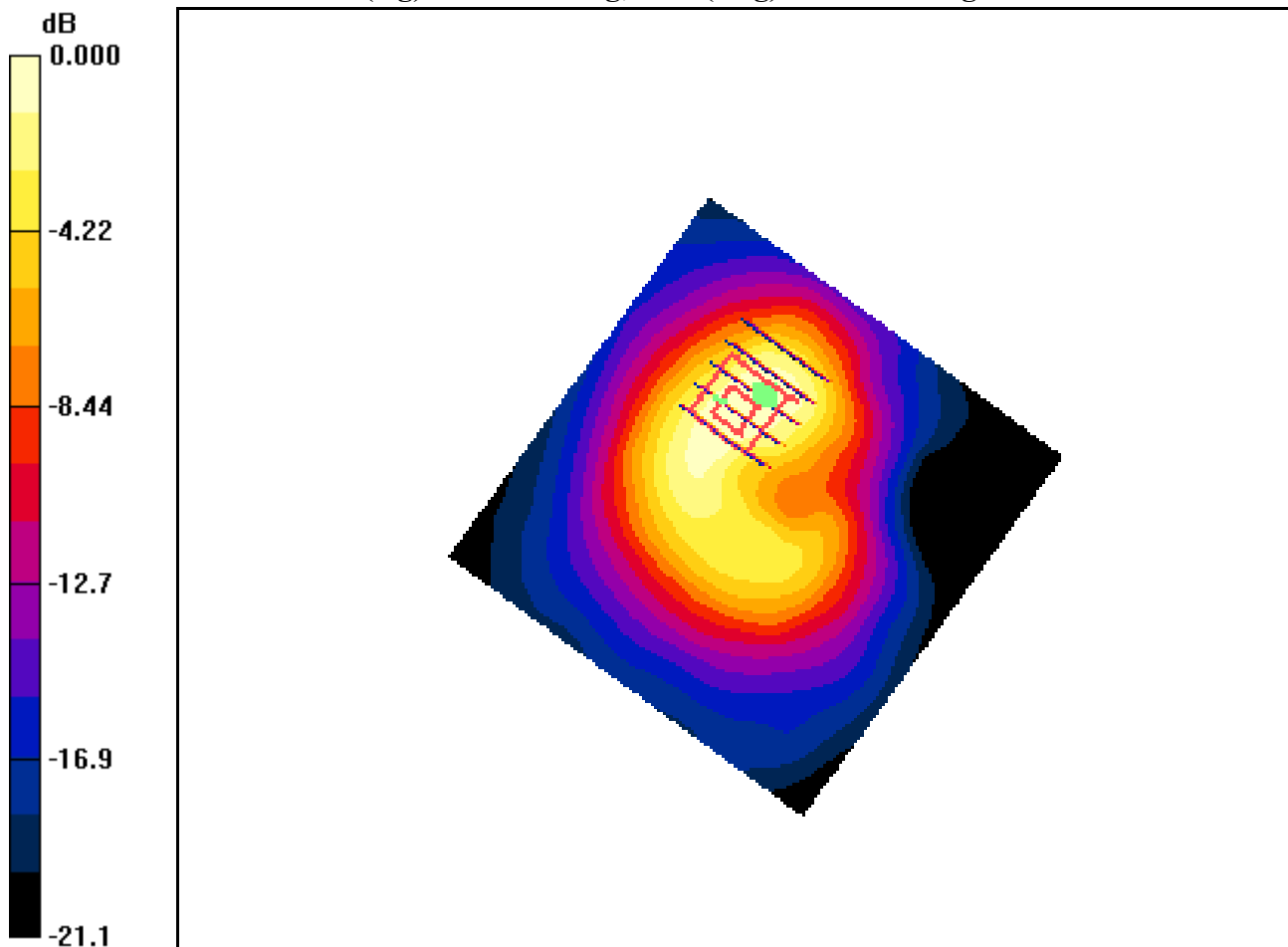
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.176 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.270 mW/g



0 dB = 0.702mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Right

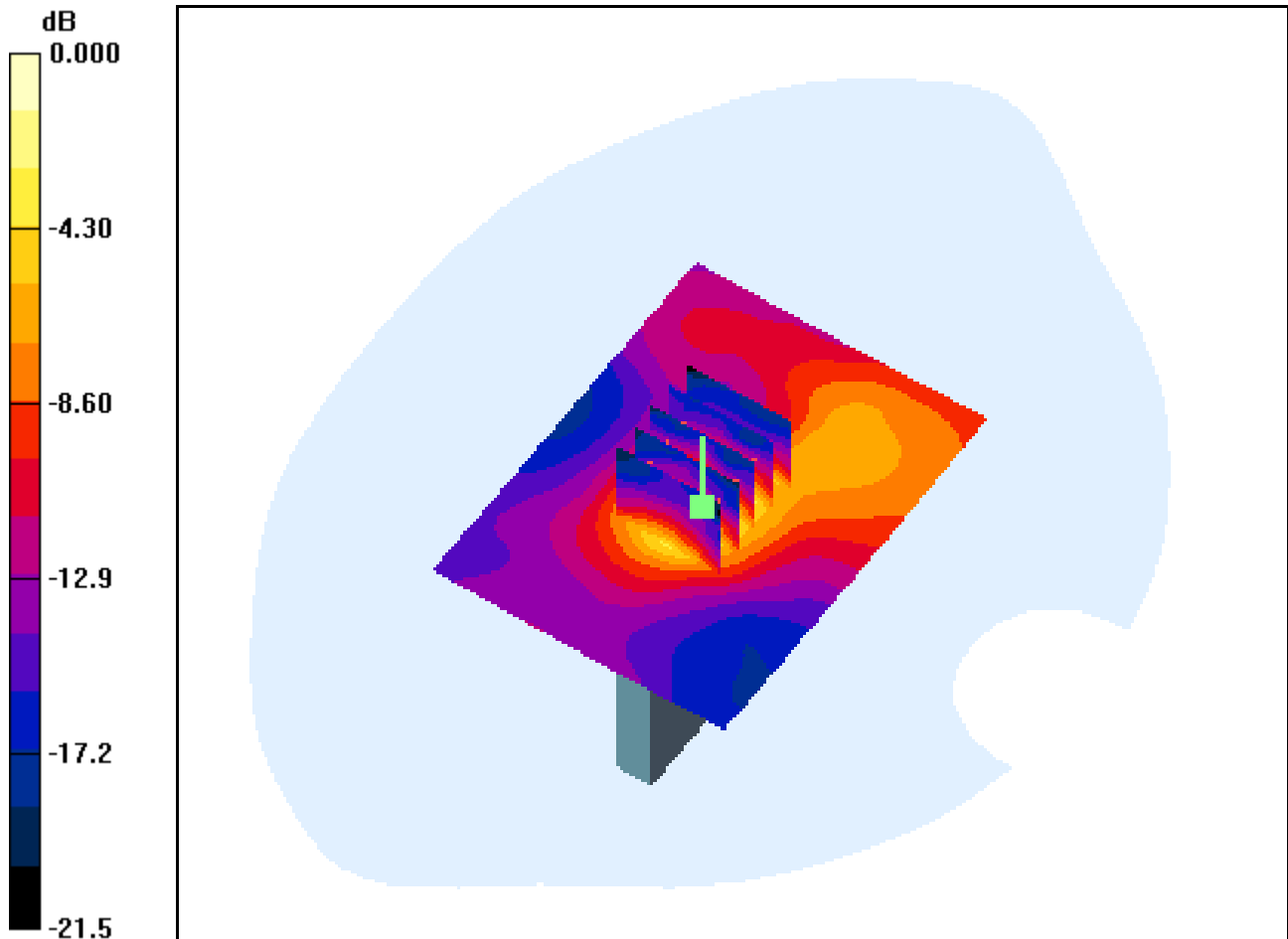
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.210mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Left

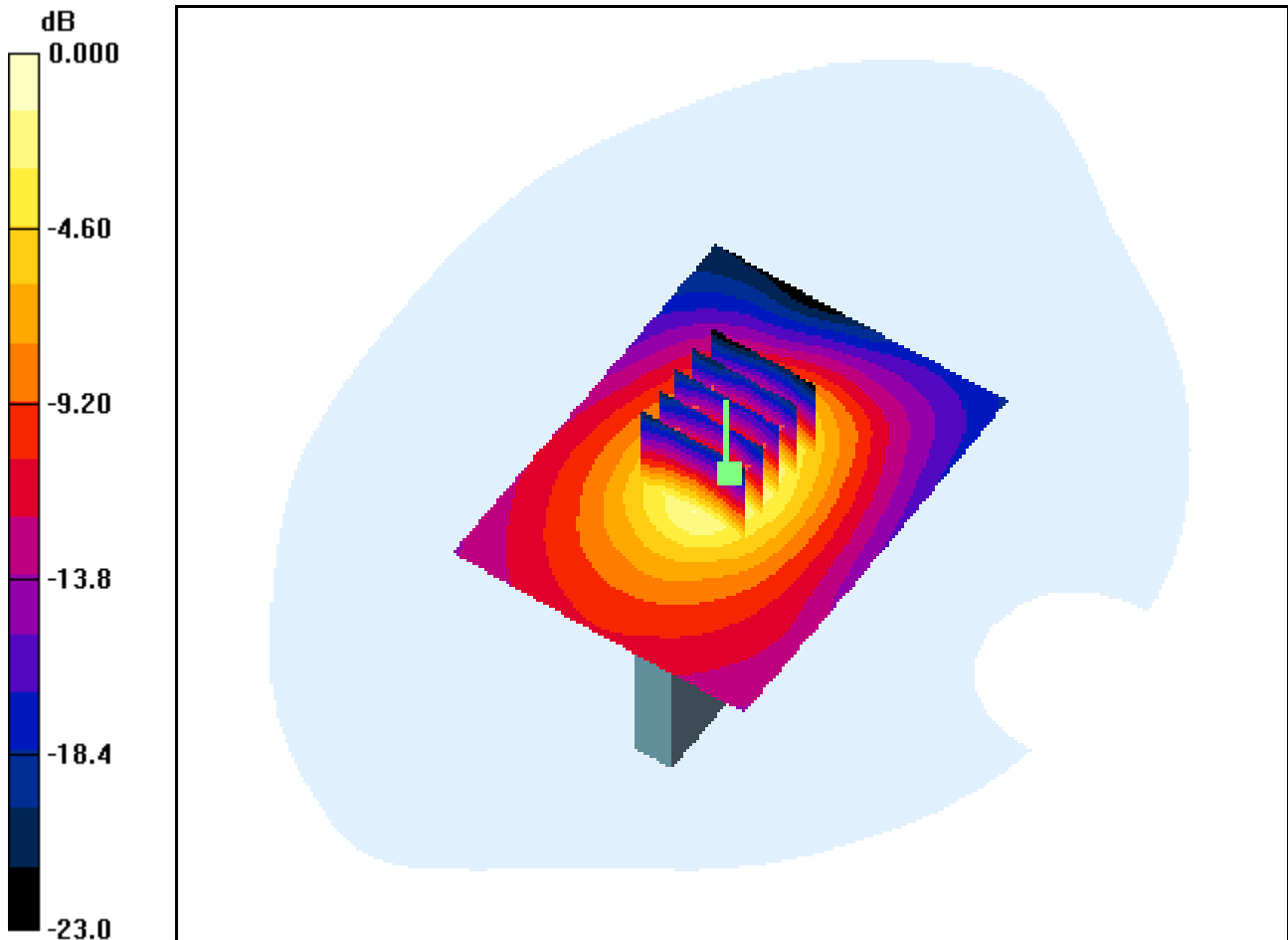
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.288 mW/g



0 dB = 0.786mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Top

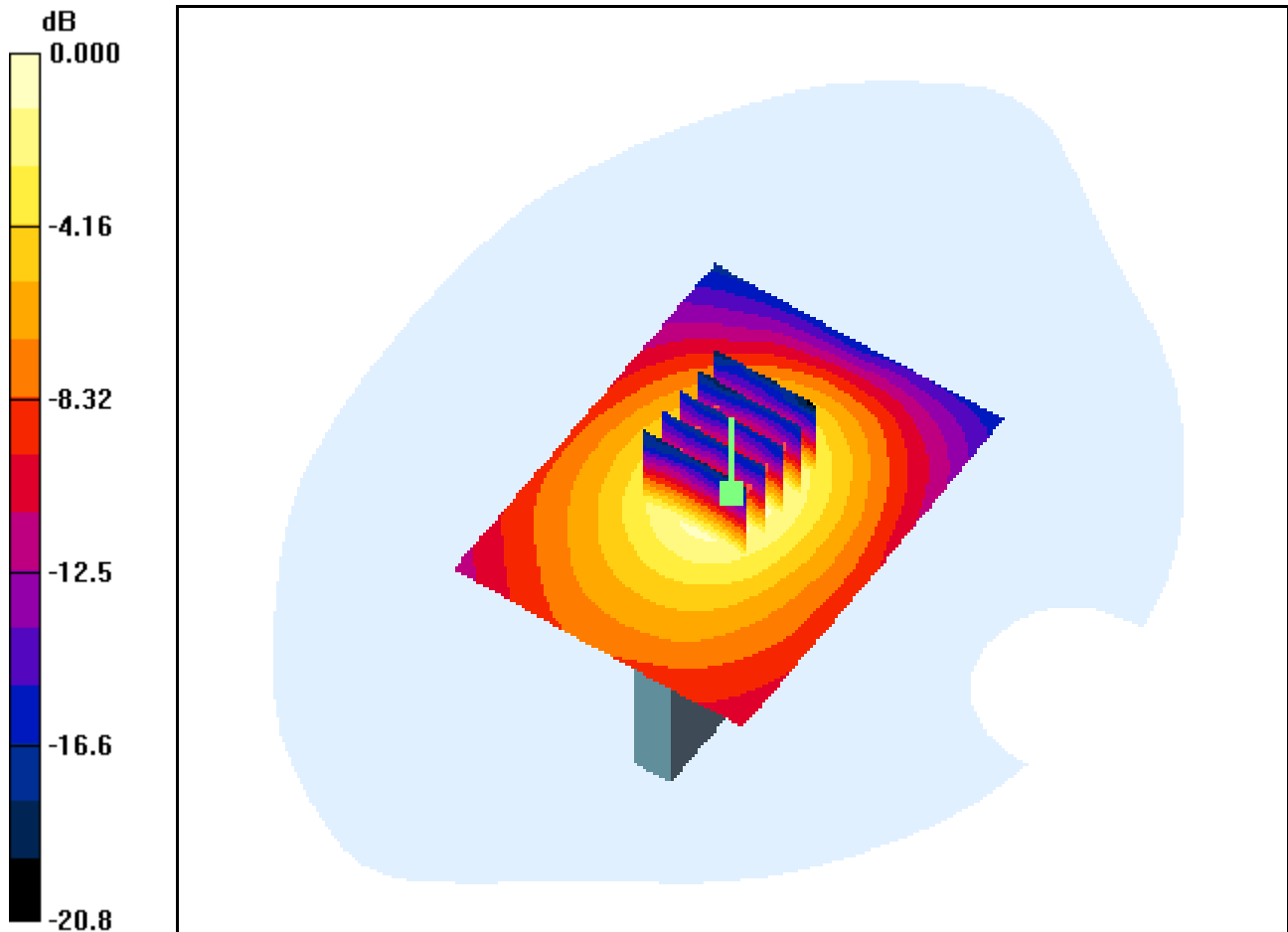
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.452 W/kg

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



0 dB = 0.309mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Bottom

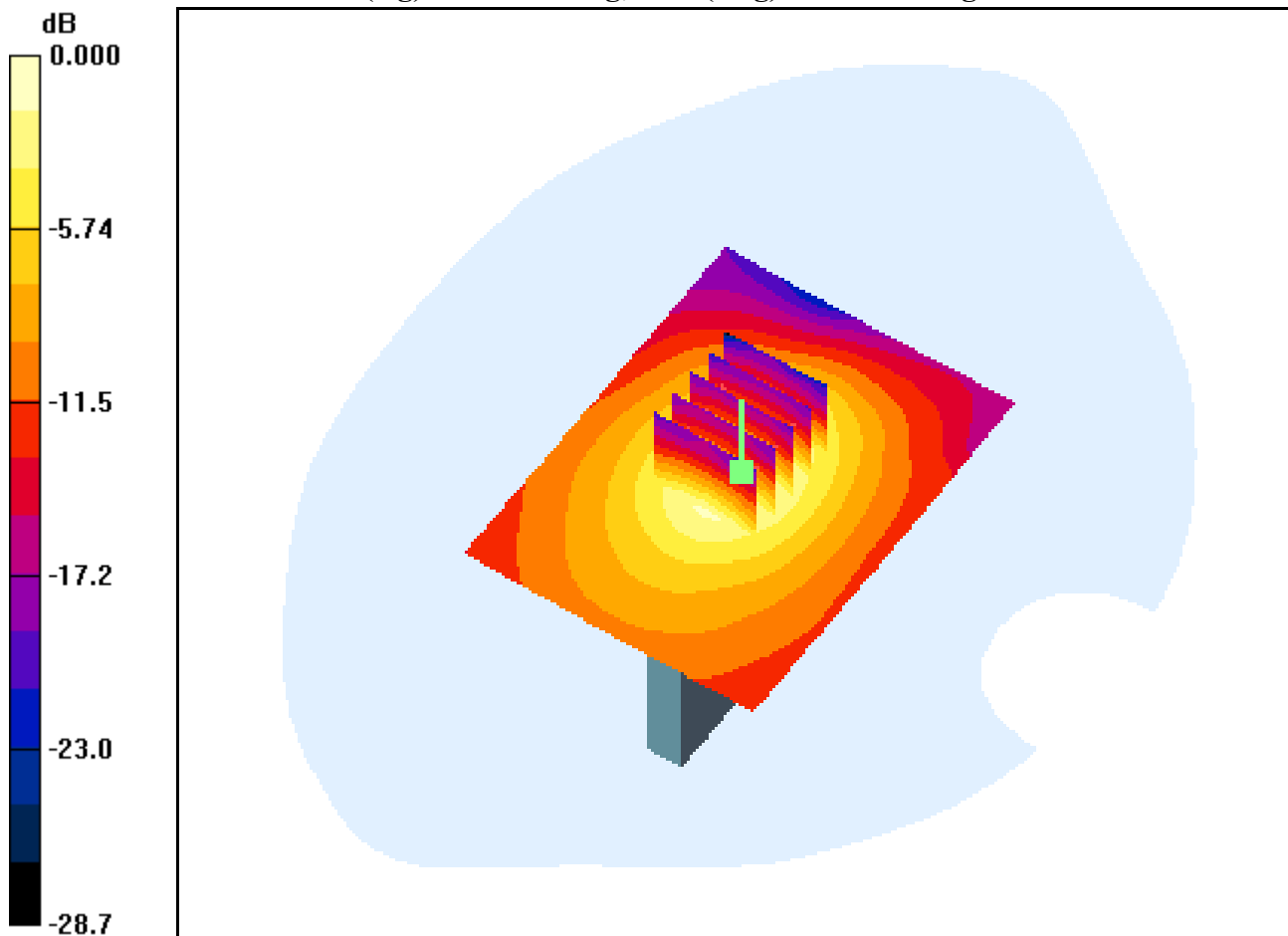
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.892 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.227 mW/g



0 dB = 0.605mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Front

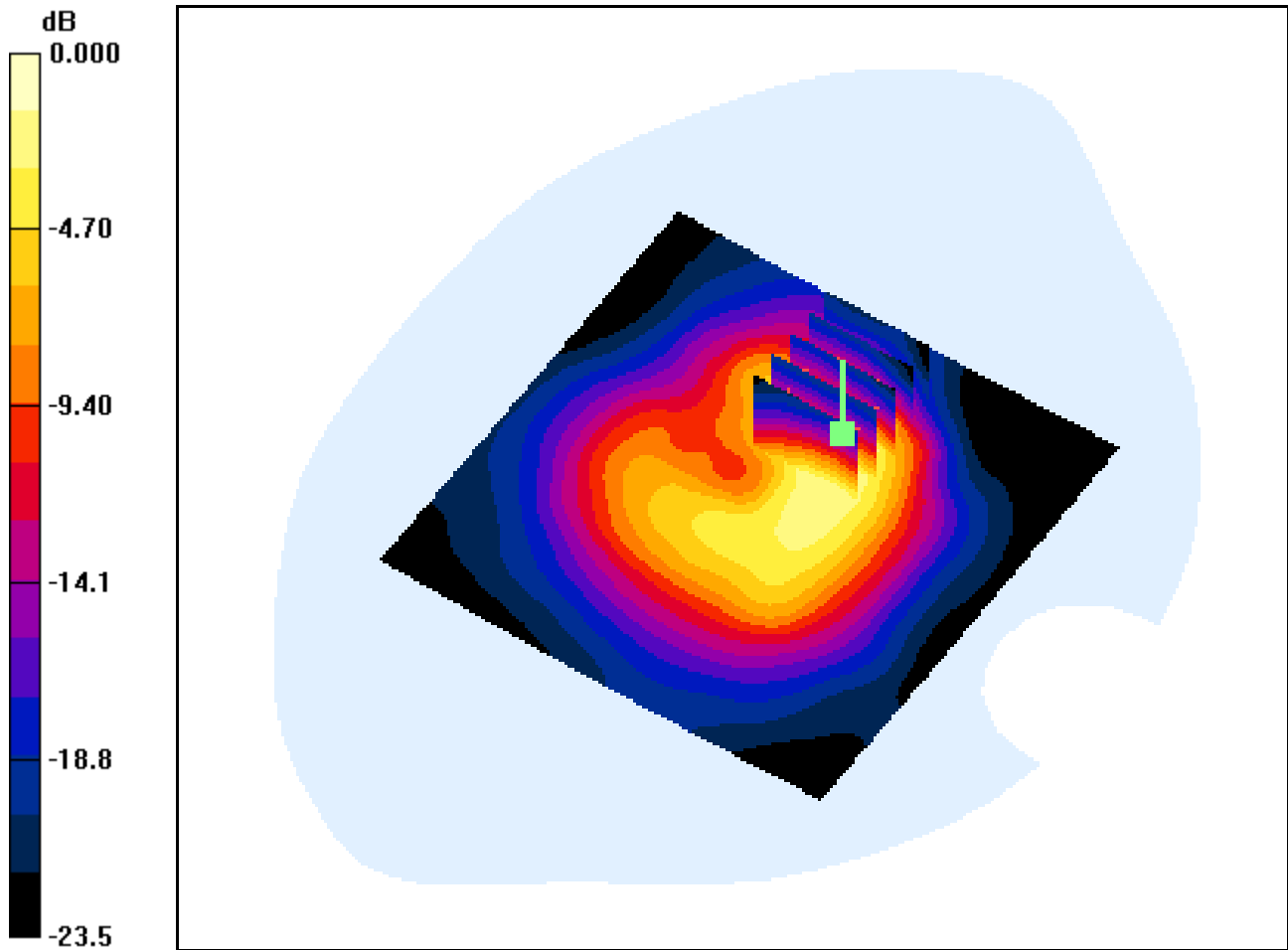
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.027 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.440 mW/g



0 dB = 1.50mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Front

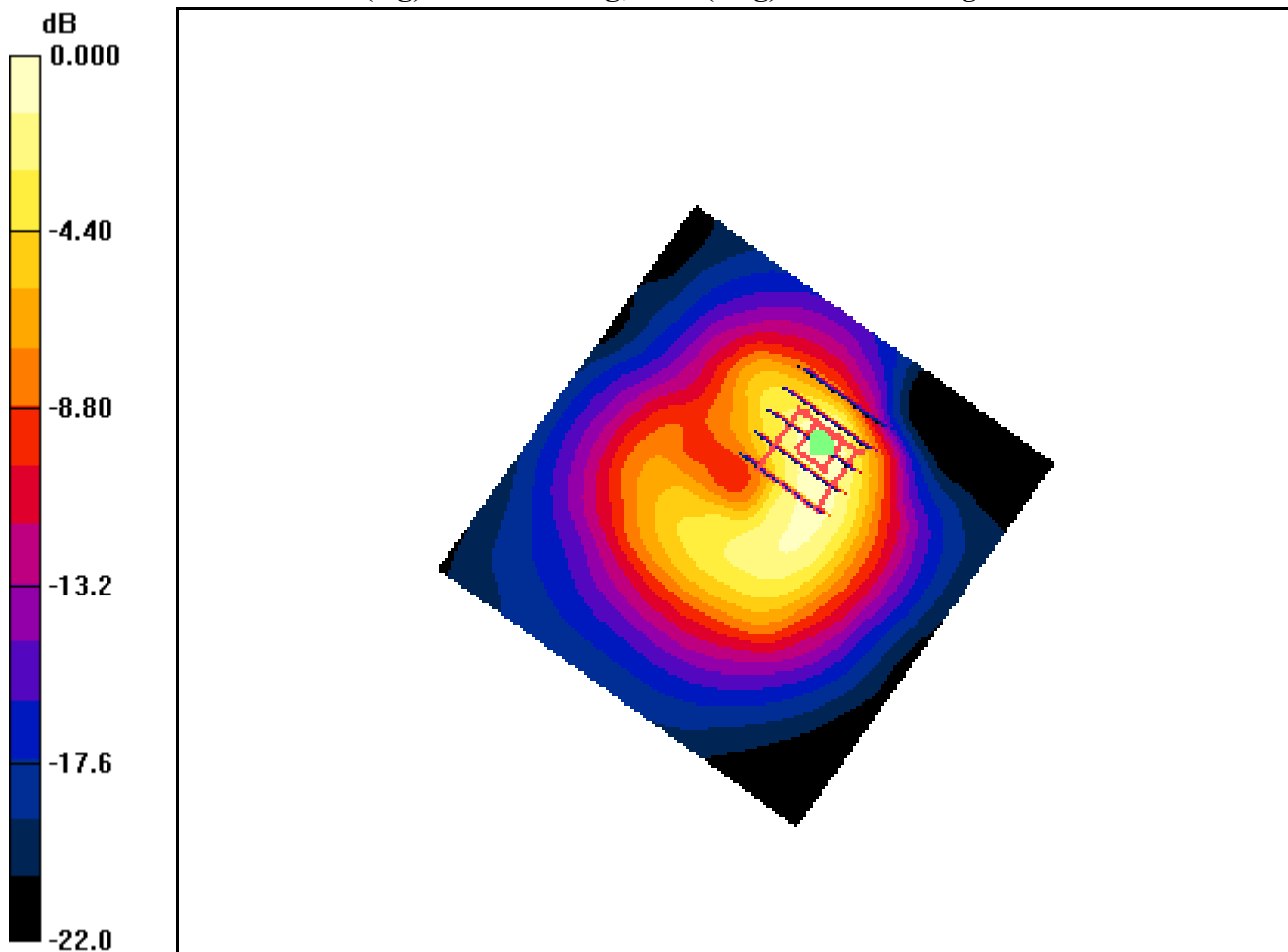
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.352 mW/g



0 dB = 1.15mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Front

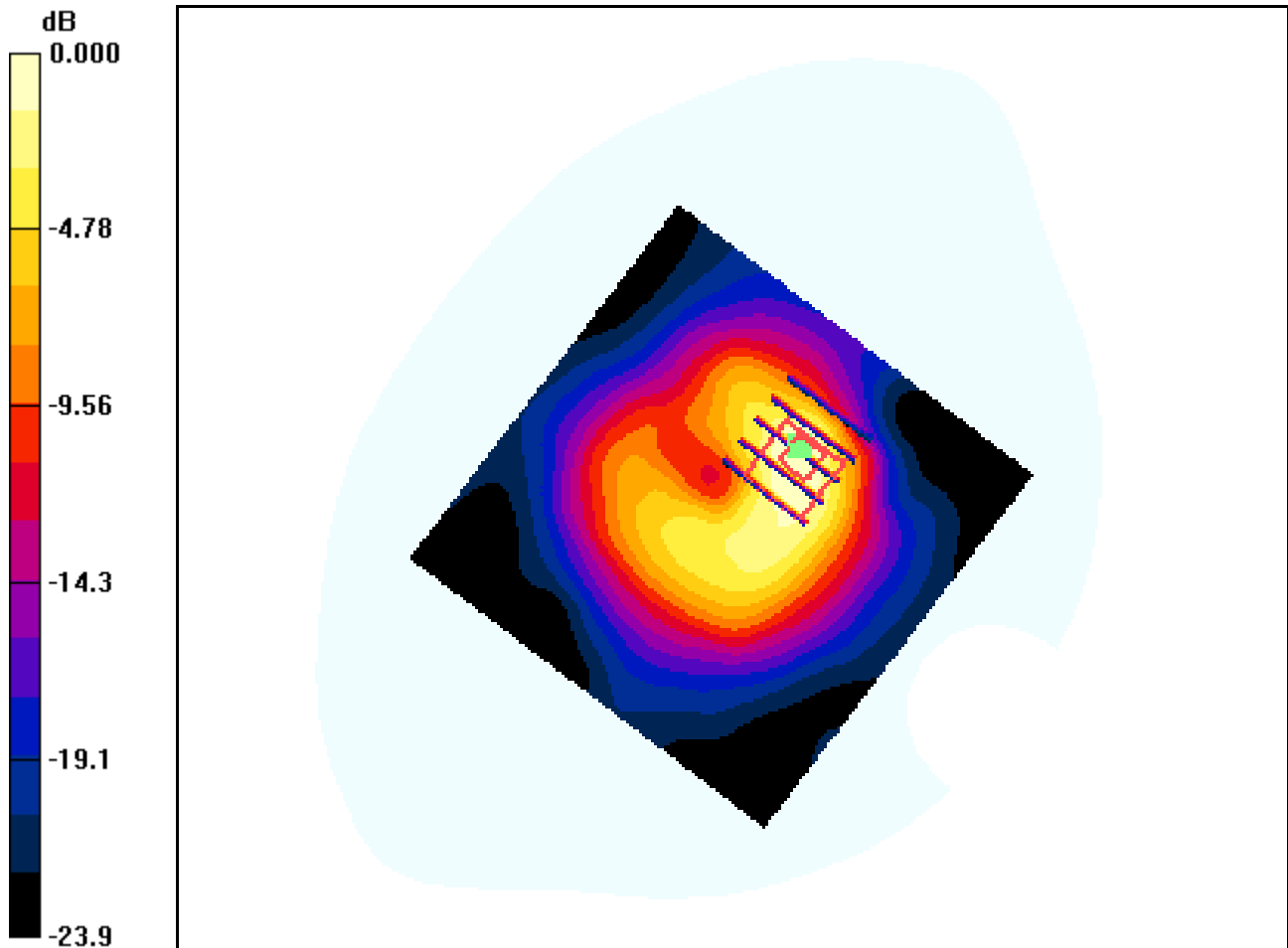
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.152 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.426 mW/g



0 dB = 1.40mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Rear

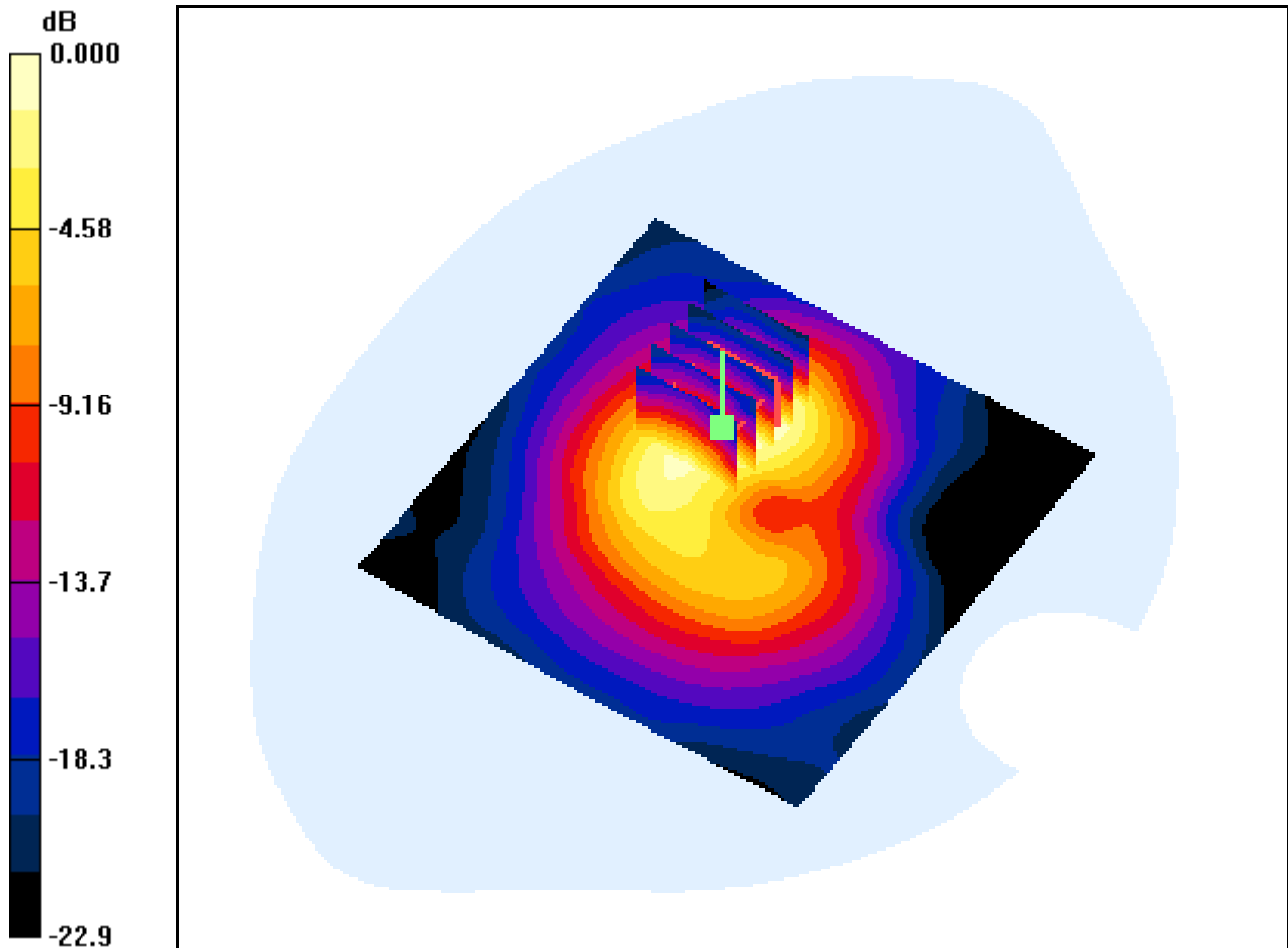
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.088 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.352 mW/g



0 dB = 1.00mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Right

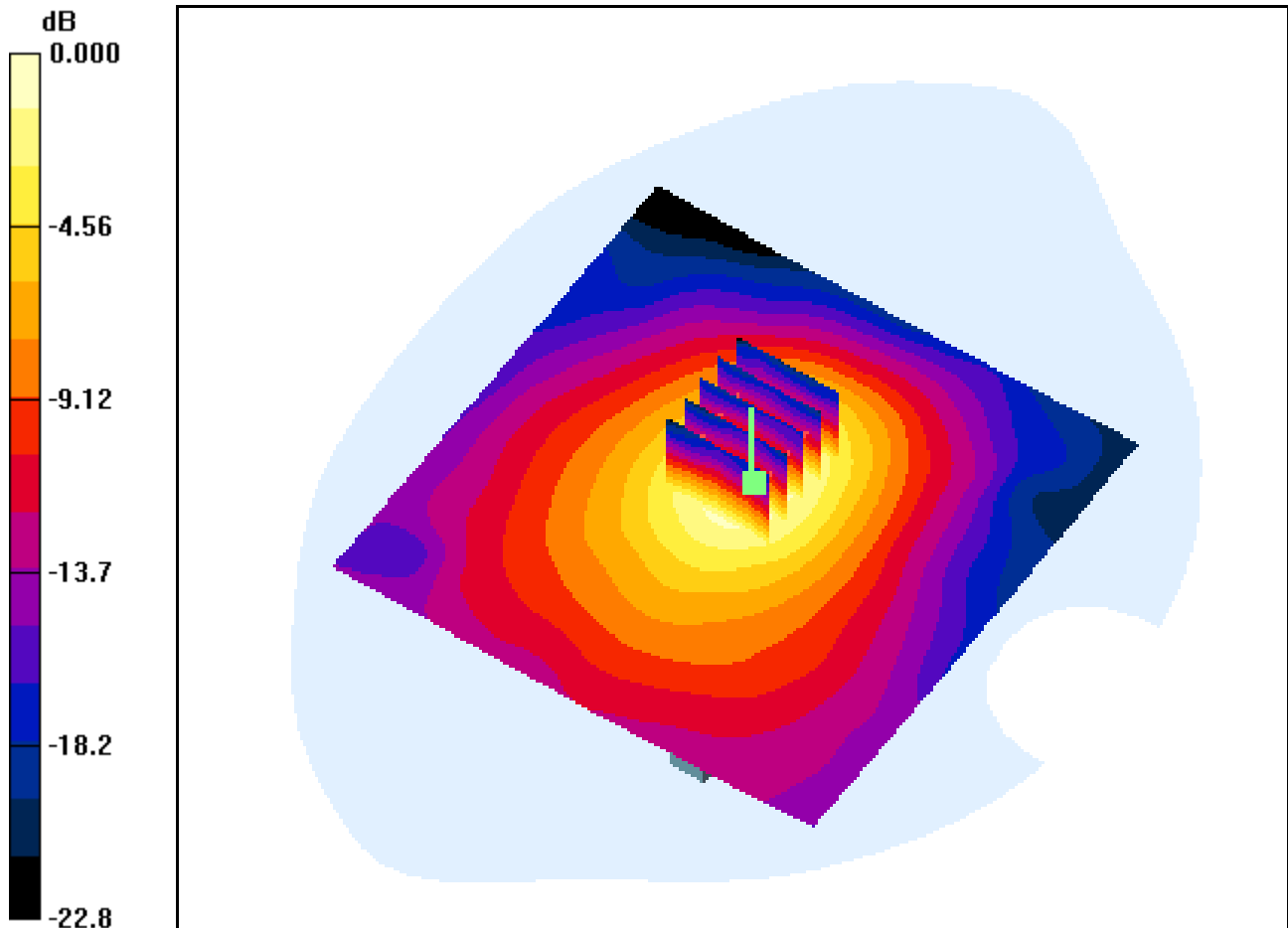
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.160 mW/g



0 dB = 0.413mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Left

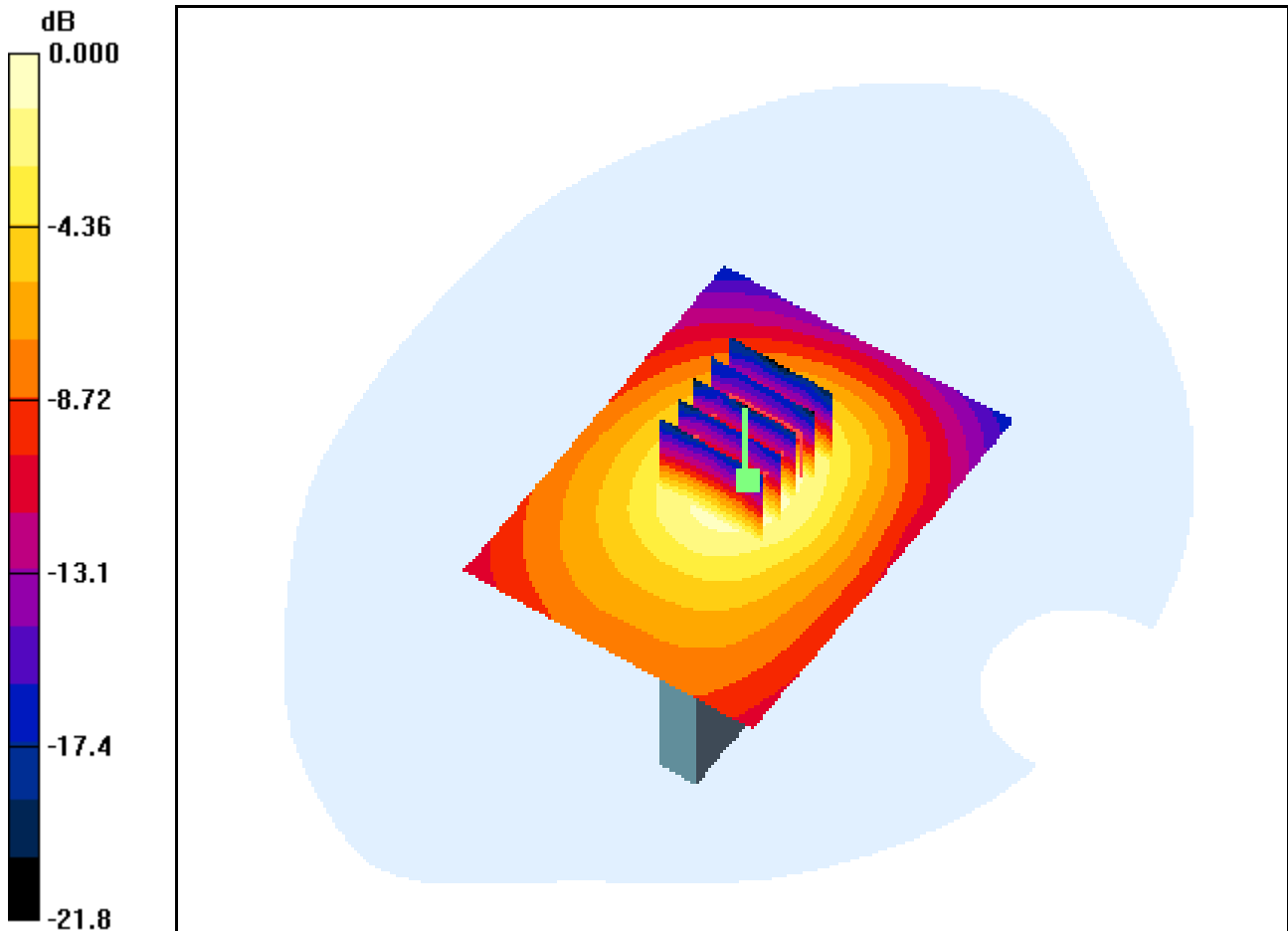
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.127 mW/g



0 dB = 0.313mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Top

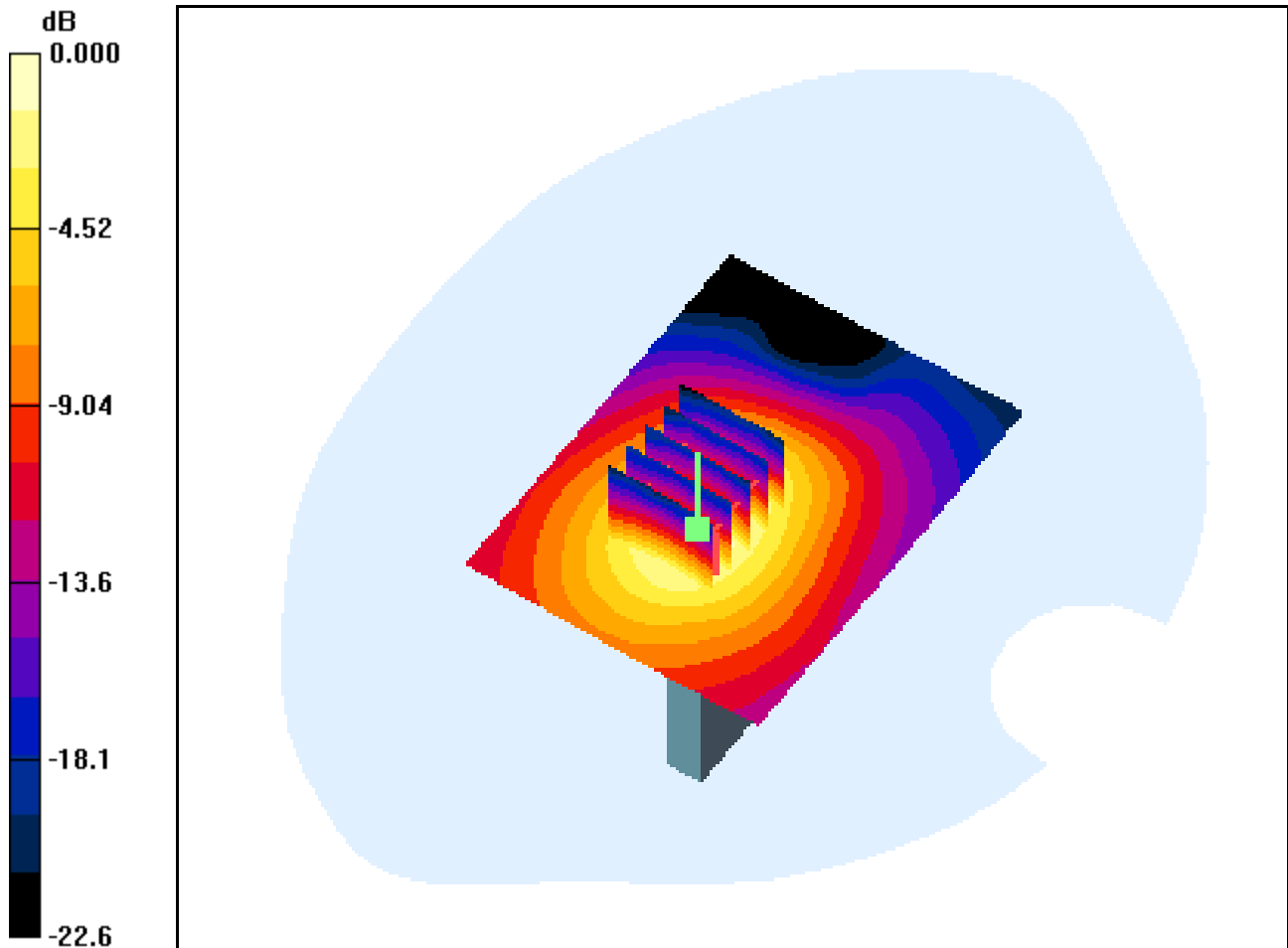
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.849 W/kg

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.217 mW/g



0 dB = 0.573mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Bottom

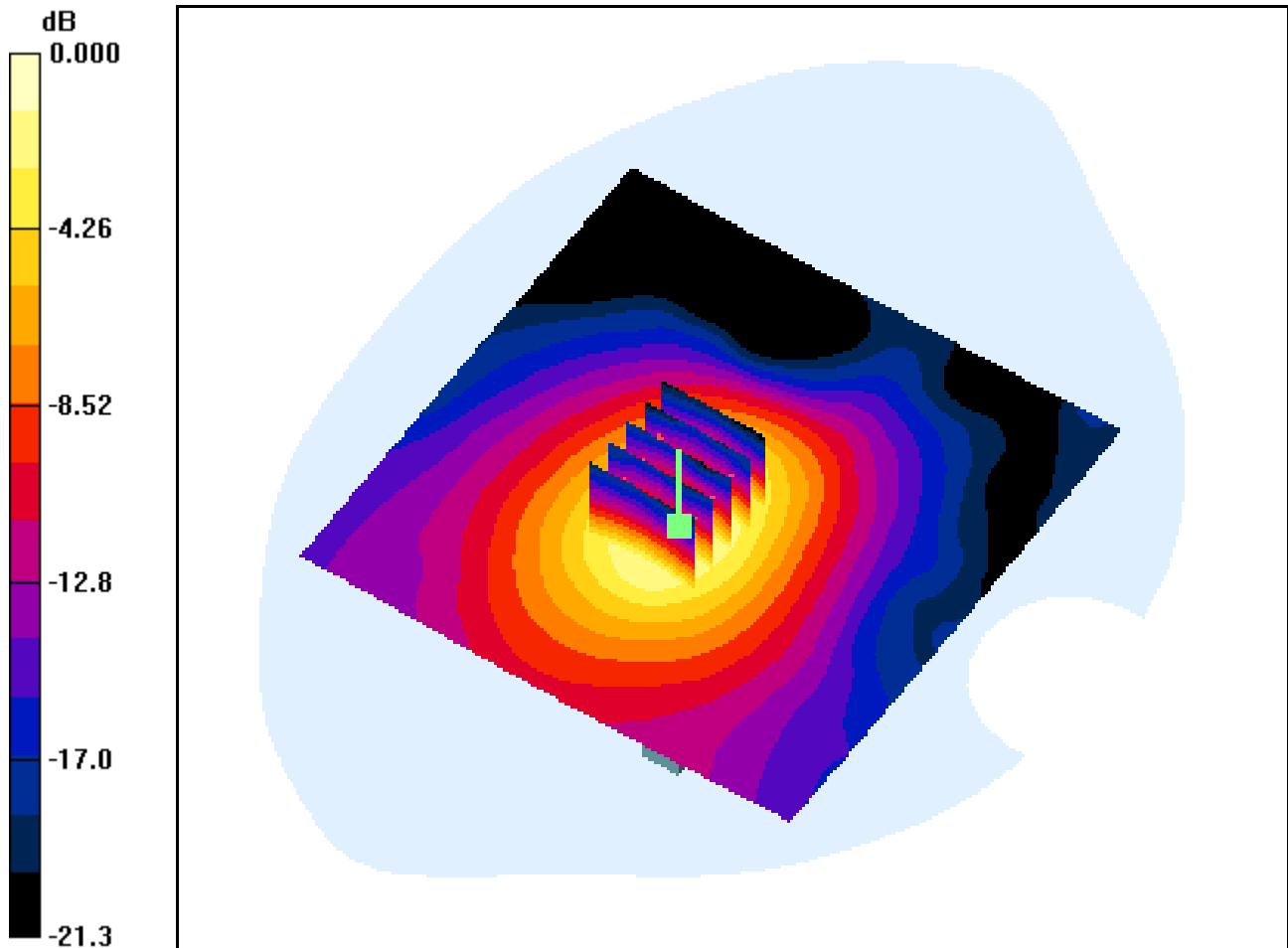
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.189 mW/g



0 dB = 0.495mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.07$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

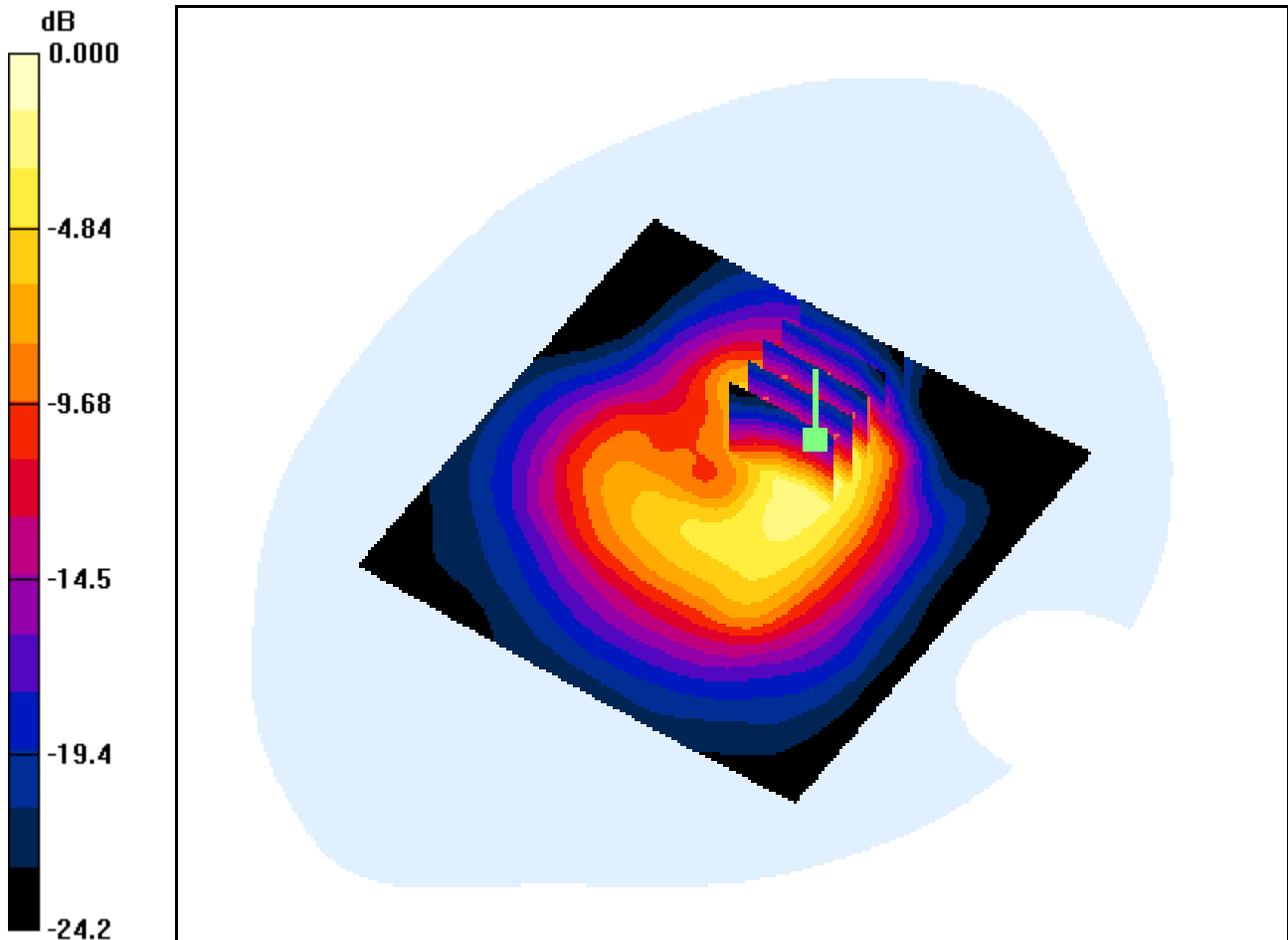
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.011 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.501 mW/g



0 dB = 1.75mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.21
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

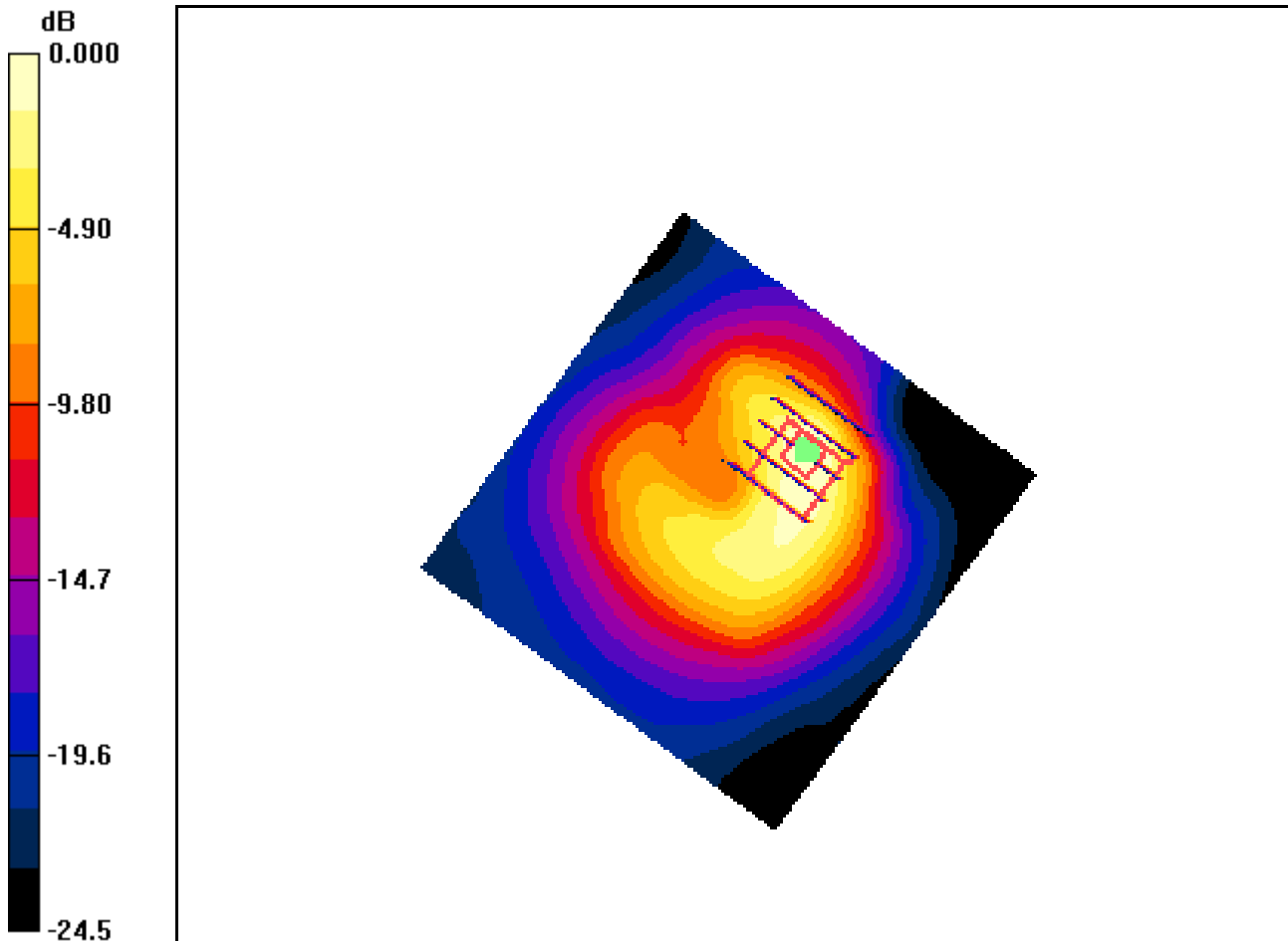
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.414 mW/g



0 dB = 1.35mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.24$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

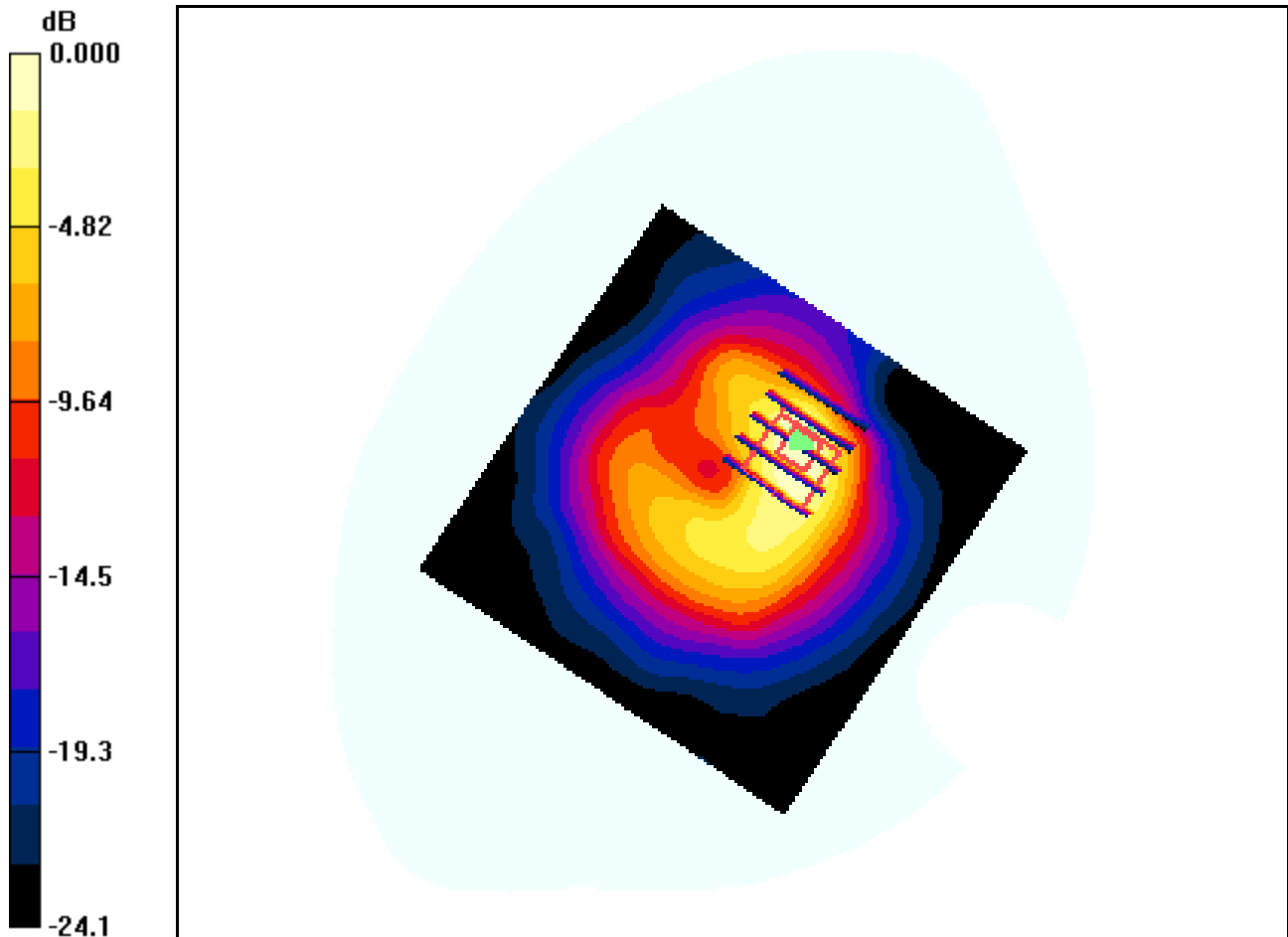
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.009 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.469 mW/g



0 dB = 1.62mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Rear

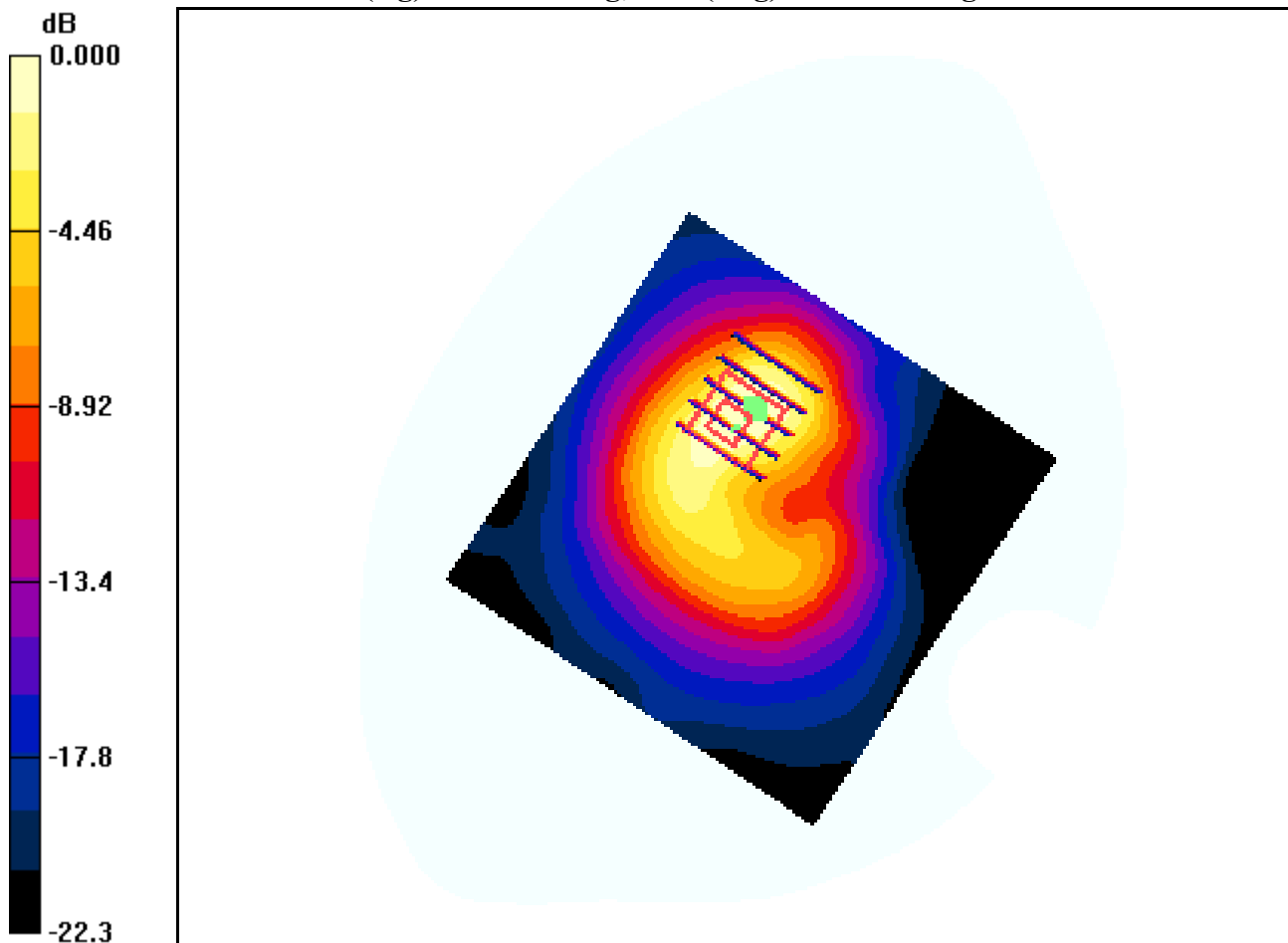
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.197 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.377 mW/g



0 dB = 1.06mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Right

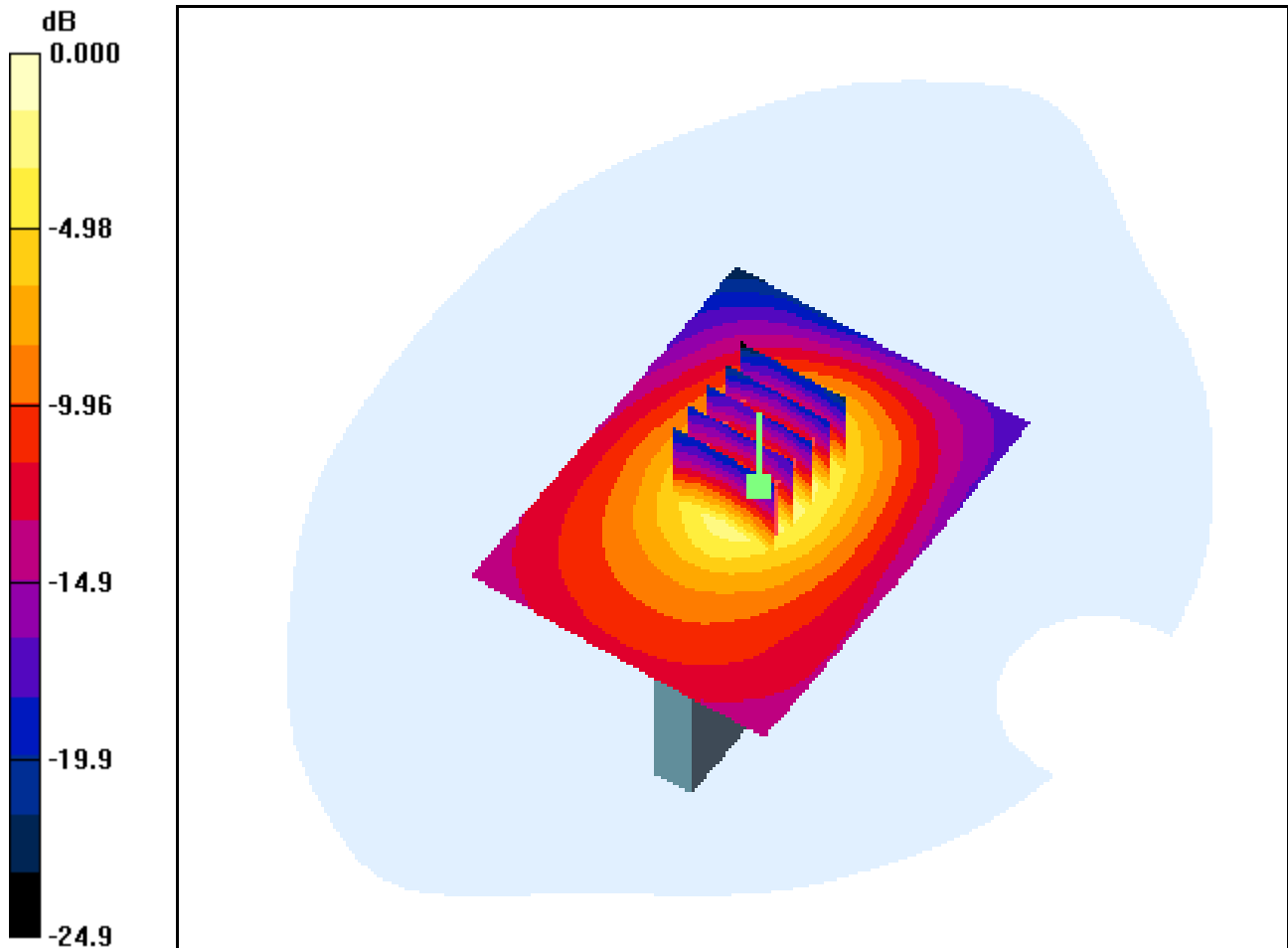
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.286 mW/g



0 dB = 0.797mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.12$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Left

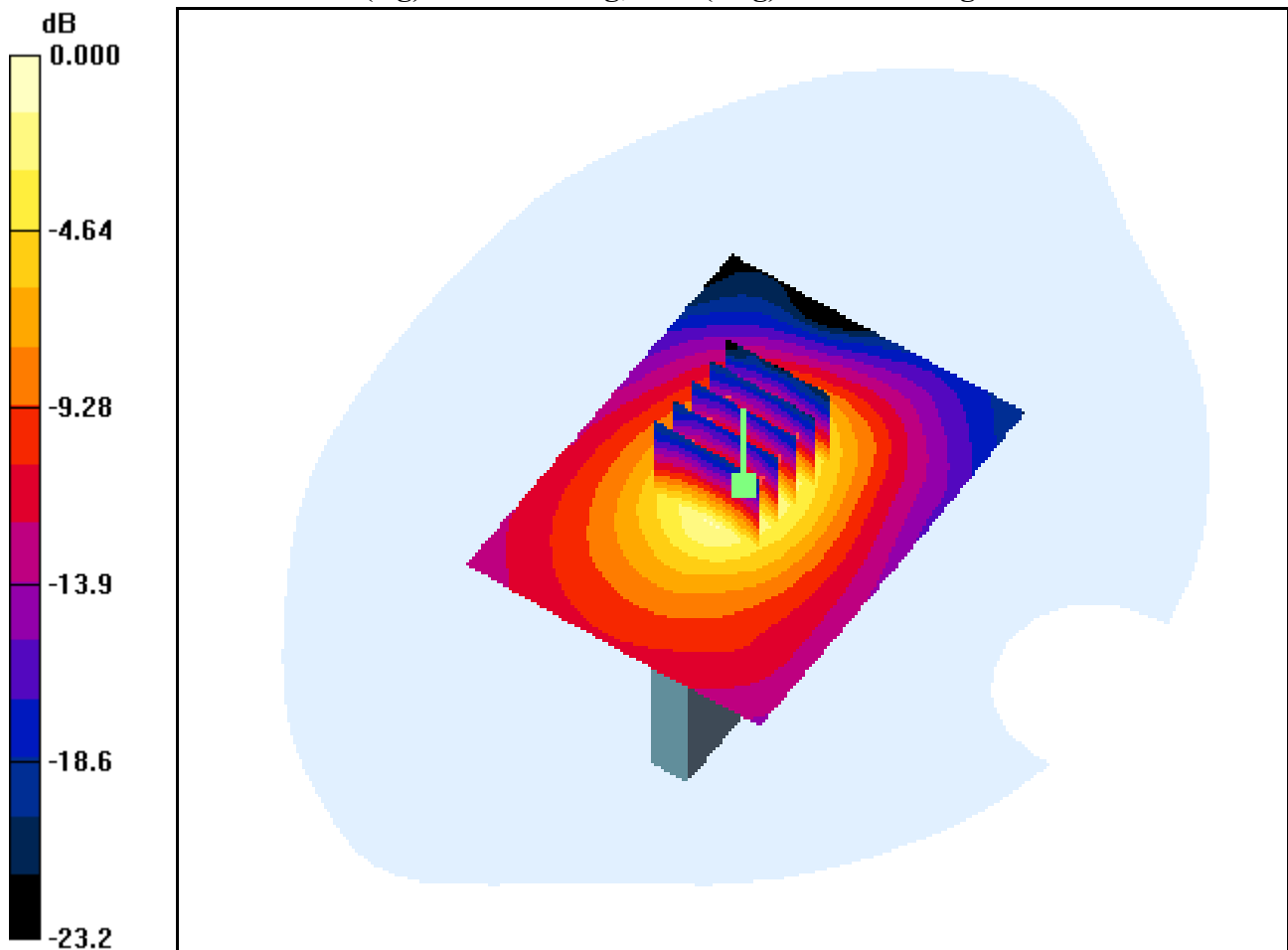
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.282 mW/g



0 dB = 0.771mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Top

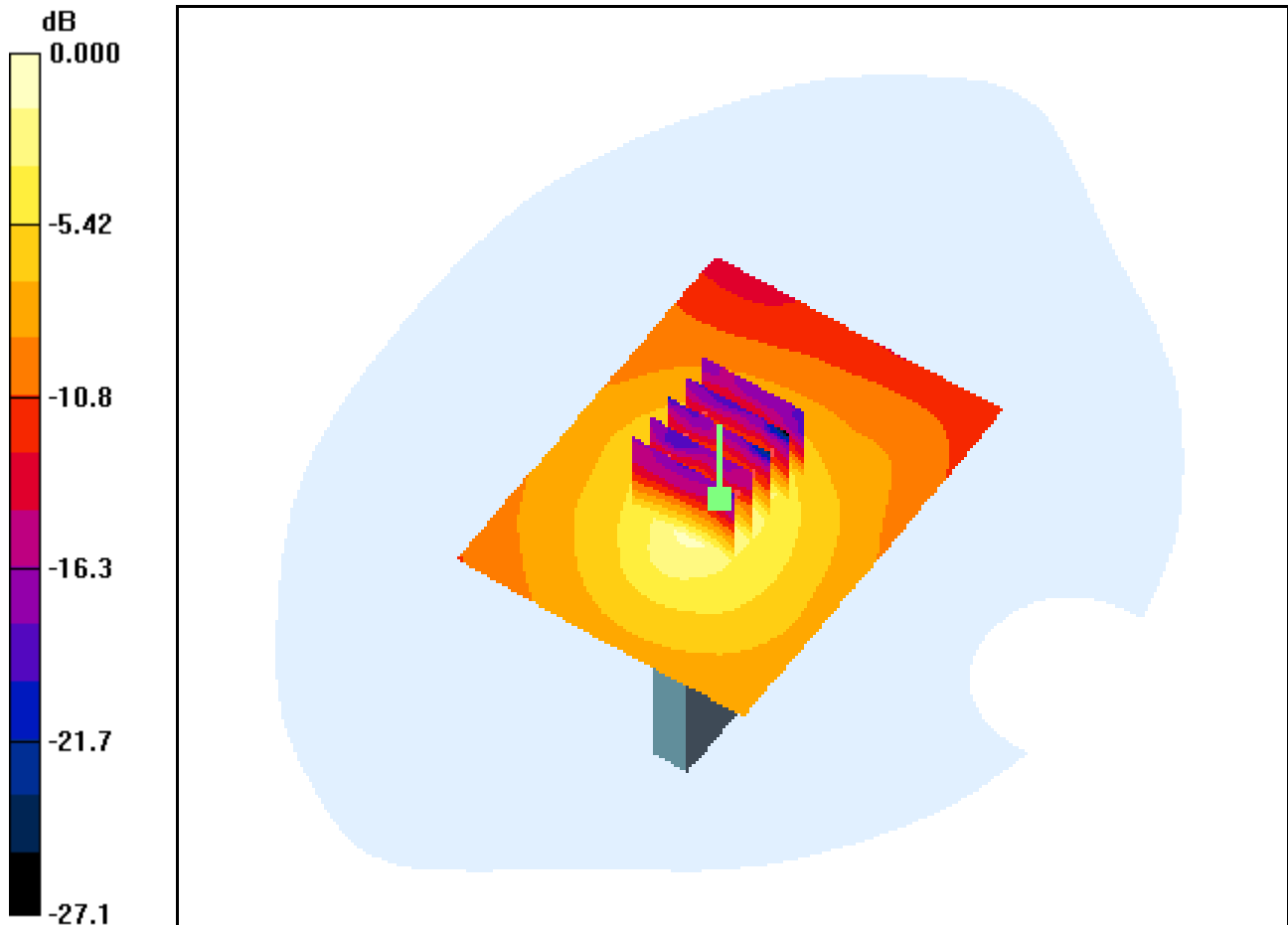
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.076 mW/g



0 dB = 0.223mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Bottom

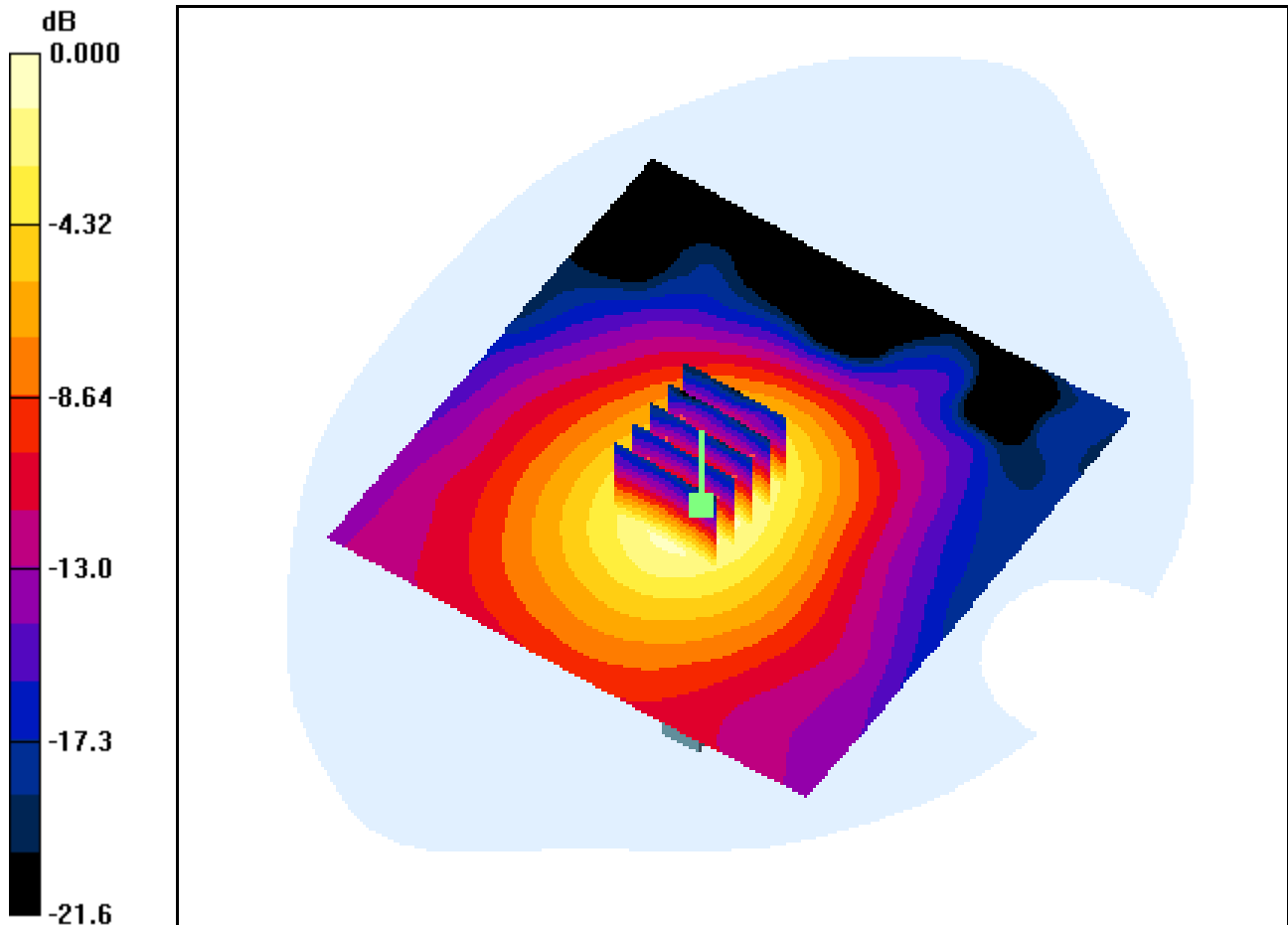
Area Scan (101x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.137 mW/g



0 dB = 0.345mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

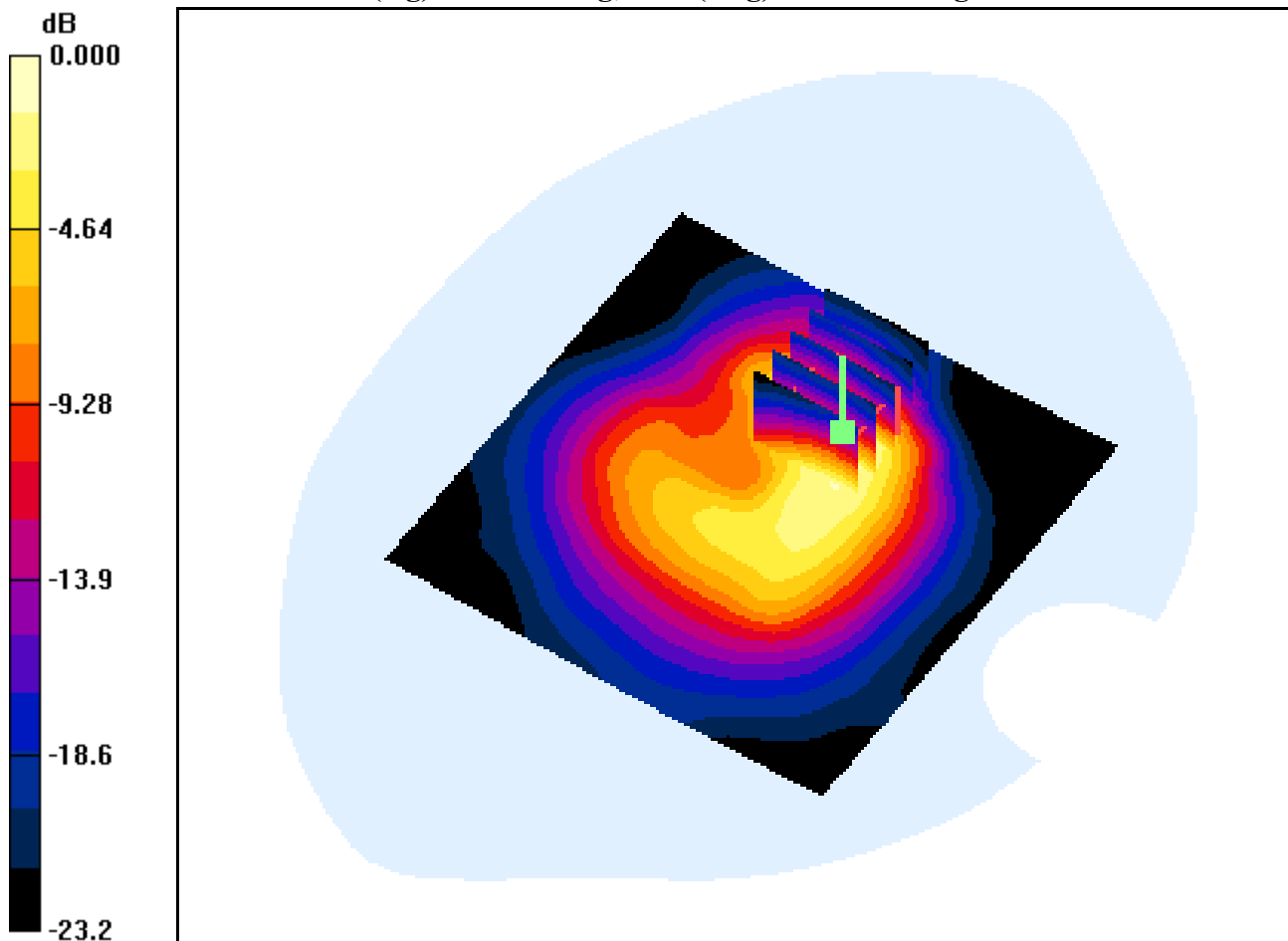
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.078 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.449 mW/g



0 dB = 1.47mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

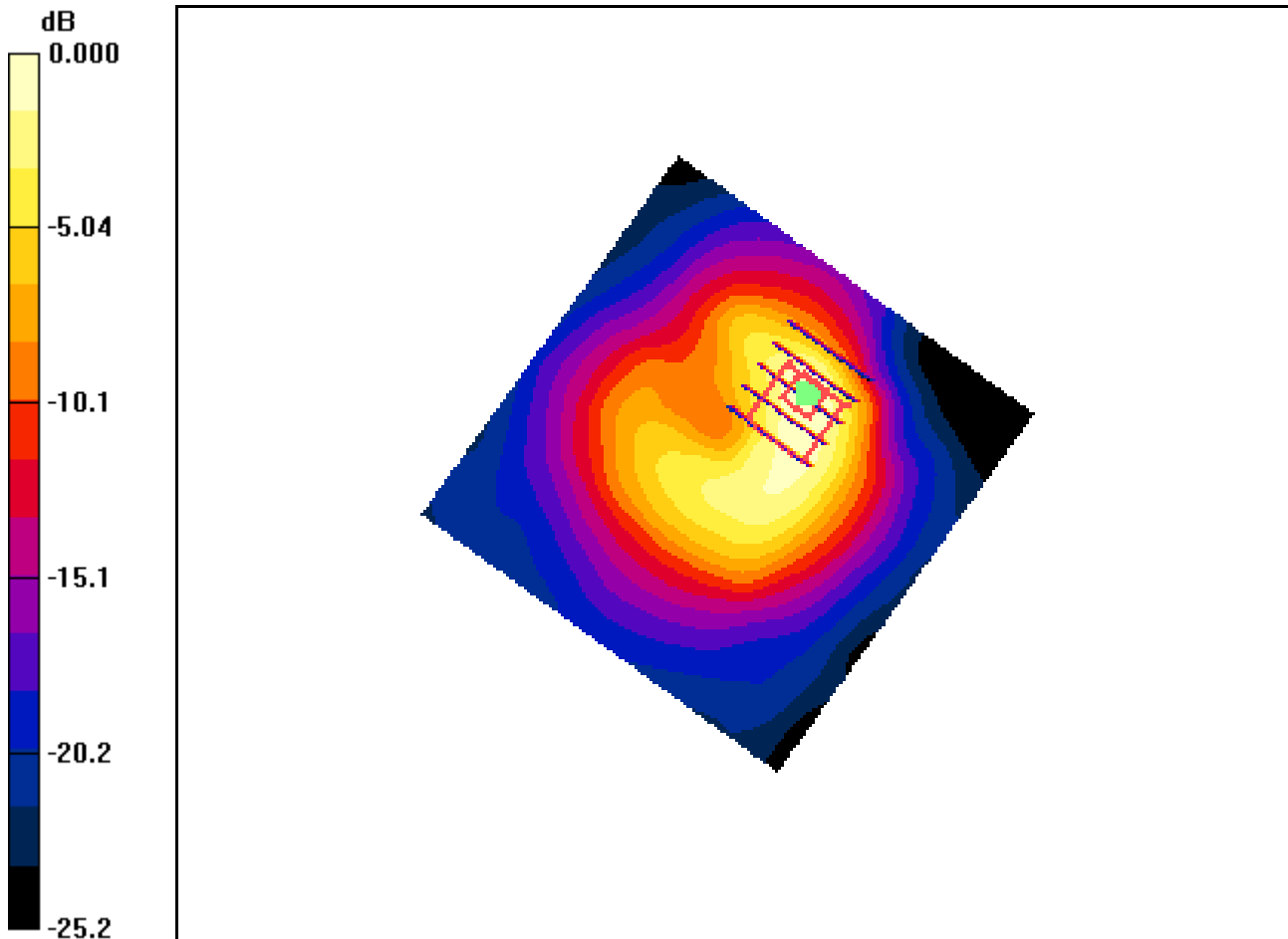
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.097 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.399 mW/g



0 dB = 1.30mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2683.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2683.5$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. High(2683.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

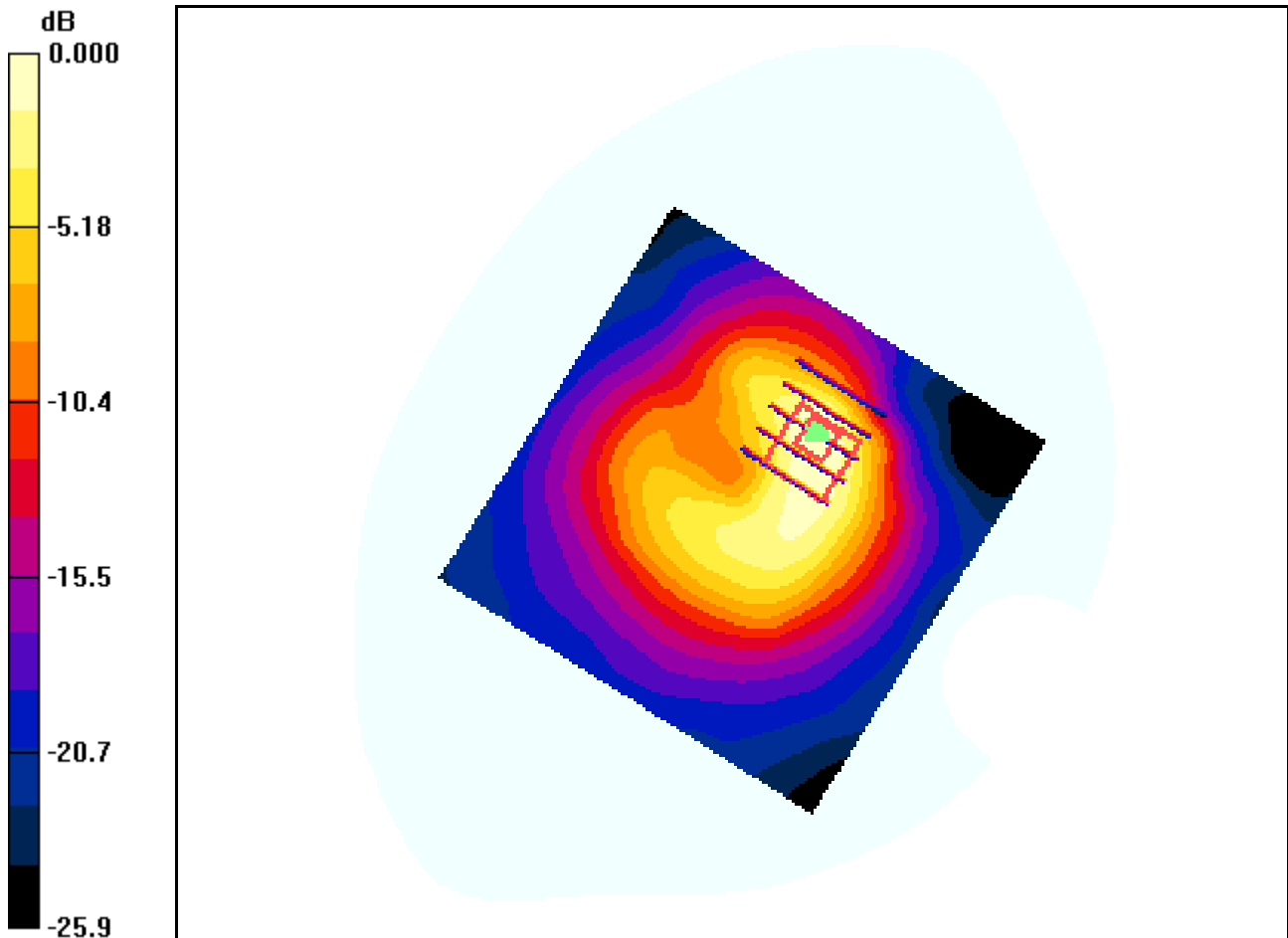
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.068 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.421 mW/g



0 dB = 1.36mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Rear

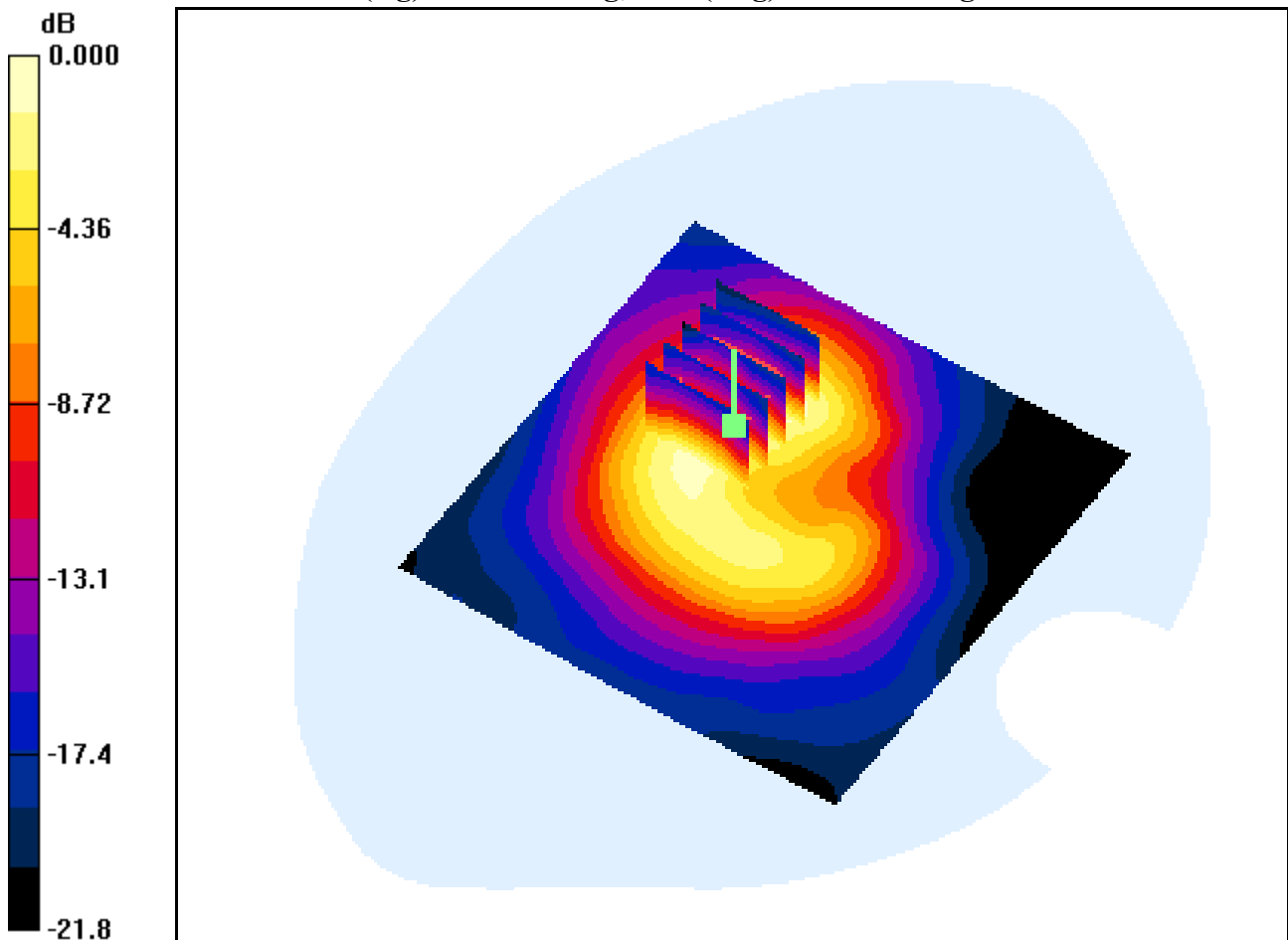
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.254 mW/g



0 dB = 0.691mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Right

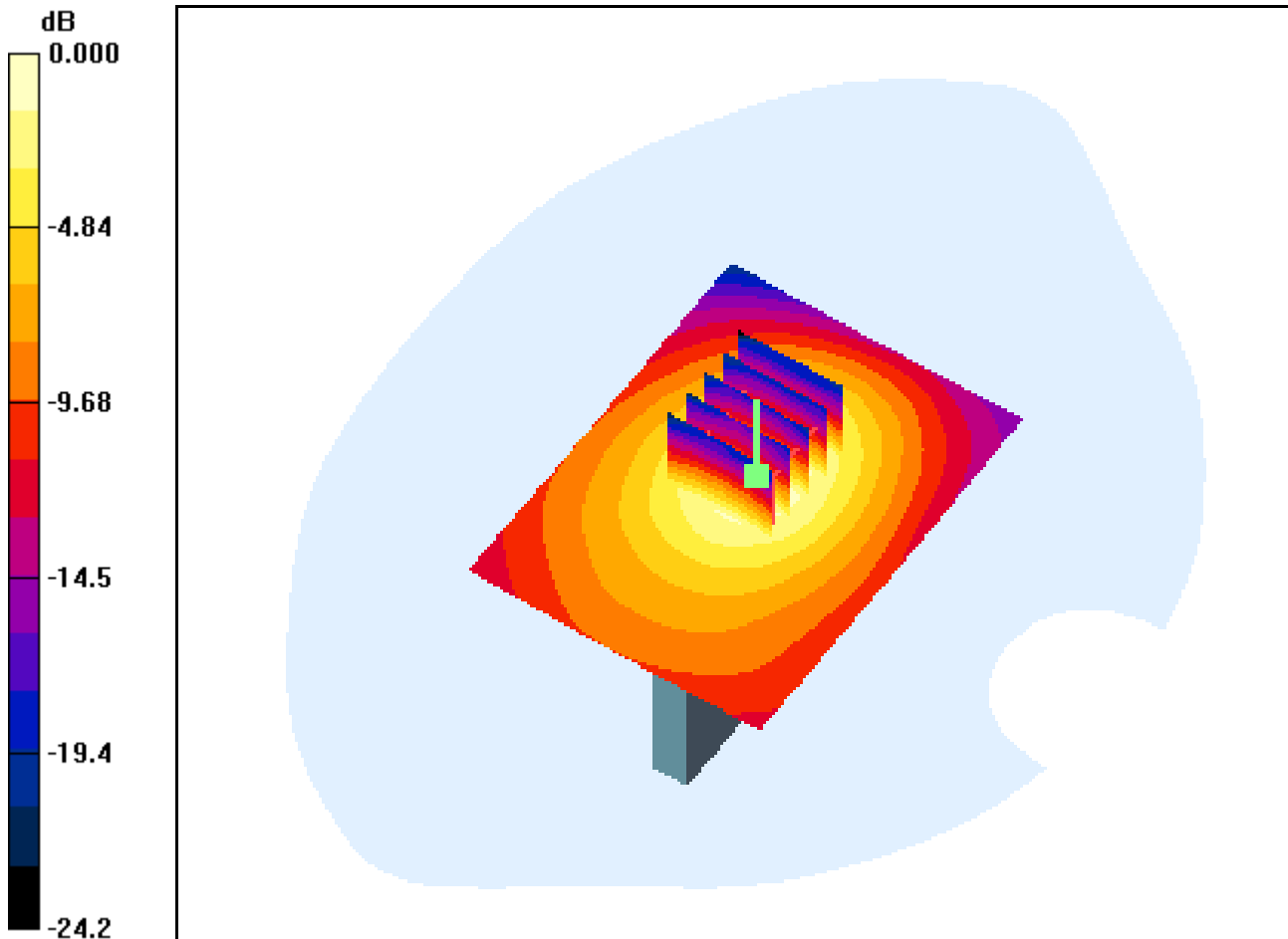
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.158 mW/g



0 dB = 0.404mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2600 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.14$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Mid(2600 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Left

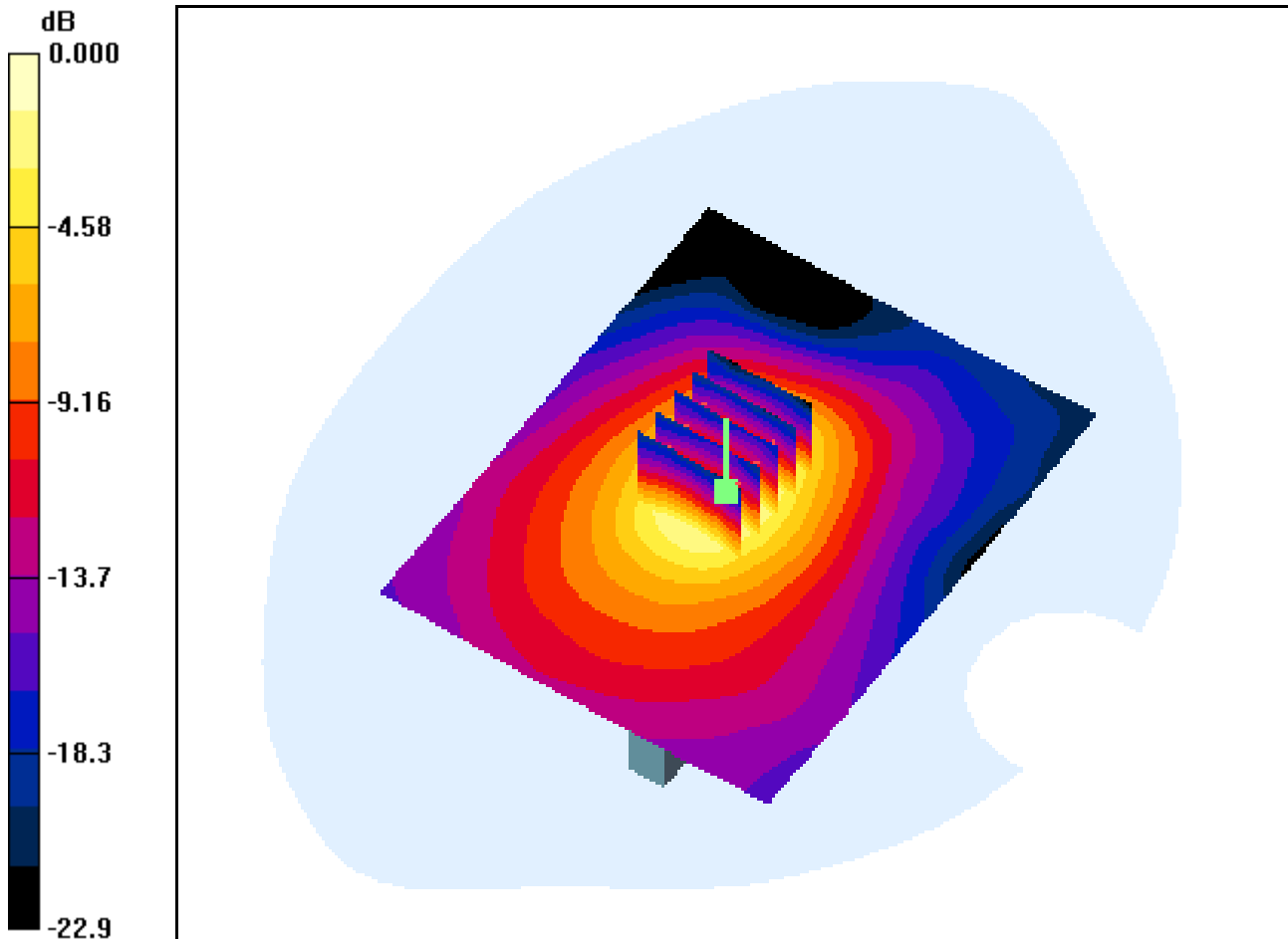
Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.244 mW/g



0 dB = 0.655mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-22; Ambient Temp: 21.9; Tissue Temp: 22.1

2 mm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Step Size Minimum, Front

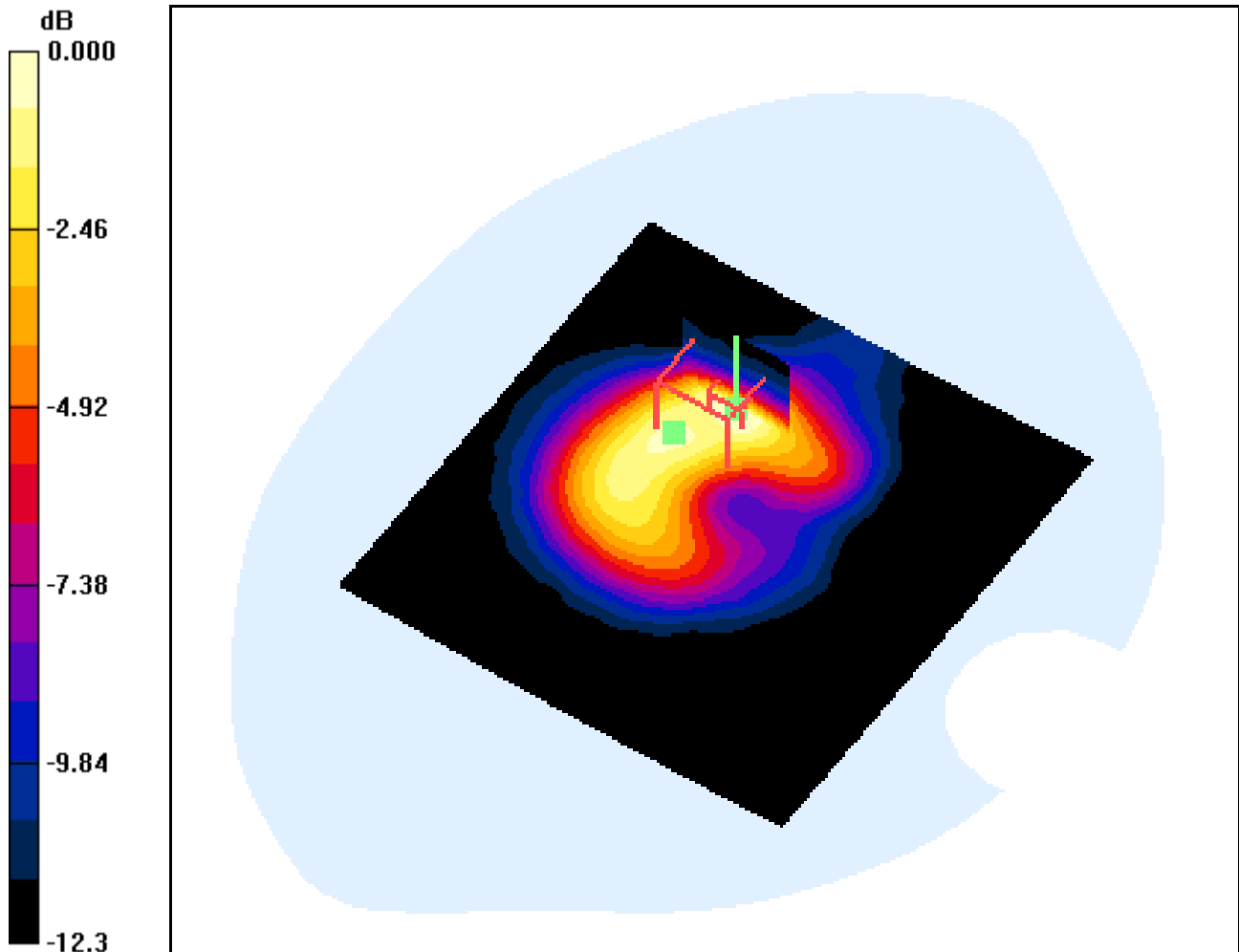
Area Scan (271x281x1): Measurement grid: dx=5mm, dy=5mm

Zoom Scan (9x9x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Power Drift = 0.259 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.621 mW/g



0 dB = 1.86mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WiMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-22; Ambient Temp: 21.9; Tissue Temp: 22.1

2 mm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Step Size Minimum, Front

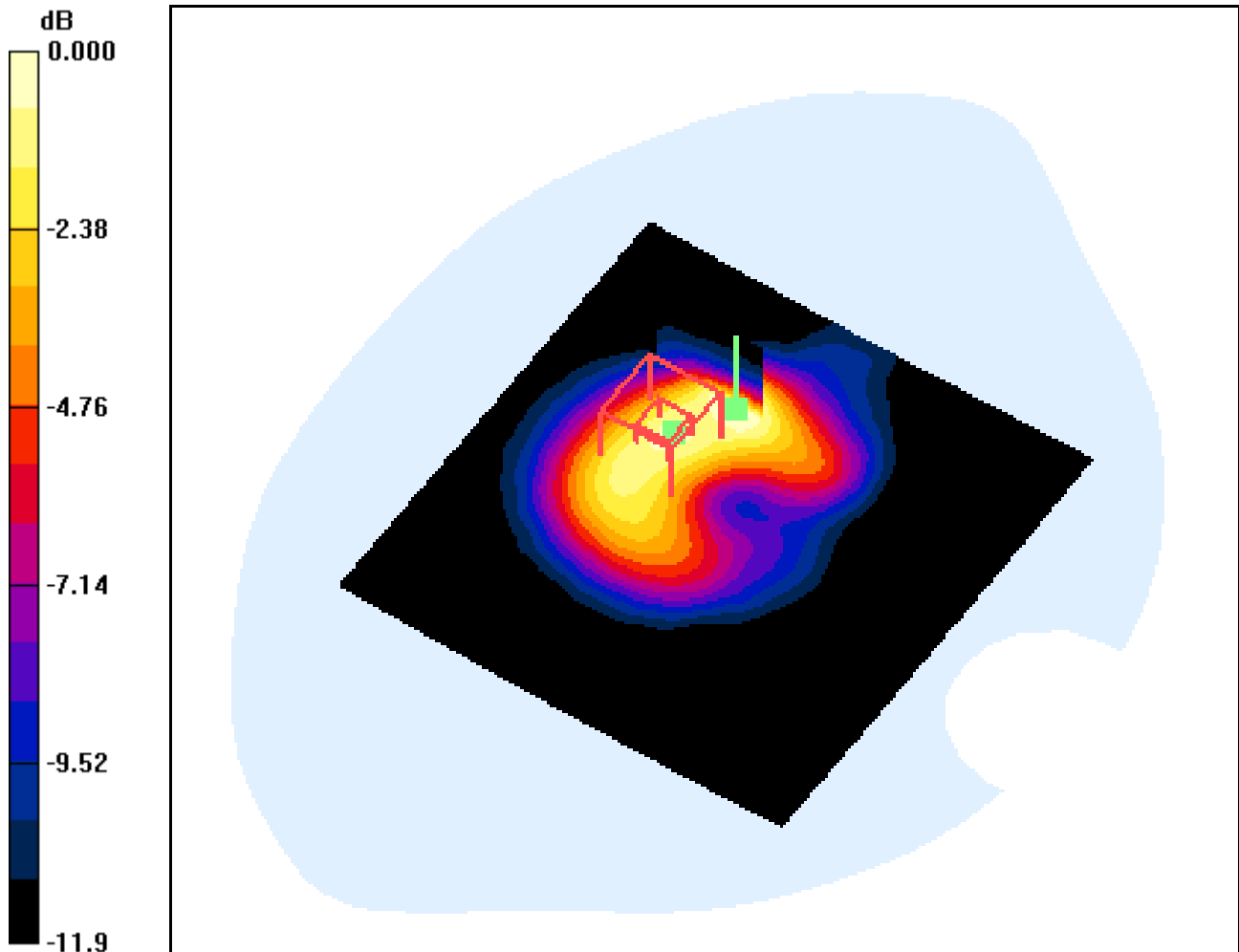
Area Scan (271x281x1): Measurement grid: dx=5mm, dy=5mm

Zoom Scan (9x9x13)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Power Drift = 0.259 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.656 mW/g



0 dB = 1.89mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2012-01-16; Ambient Temp: 22.0; Tissue Temp: 22.2

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. Internal

Mode : Bandwidth 5M, QPSK AMC, Edge Curve #1

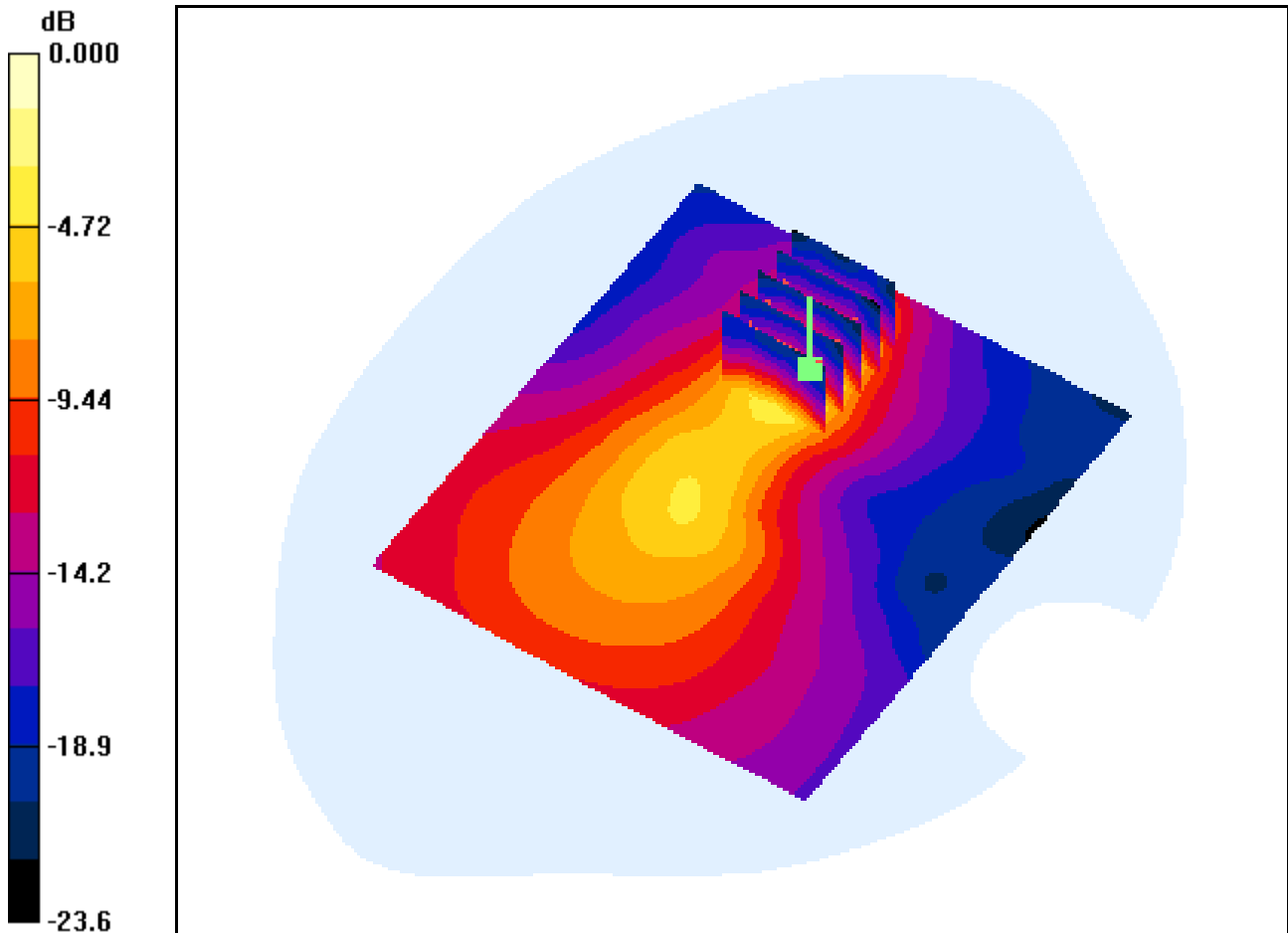
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.130 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.188 mW/g



0 dB = 0.691mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2012-01-16; Ambient Temp: 22.0; Tissue Temp: 22.2

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. Internal

Mode : Bandwidth 5M, QPSK AMC, Edge Curve #2

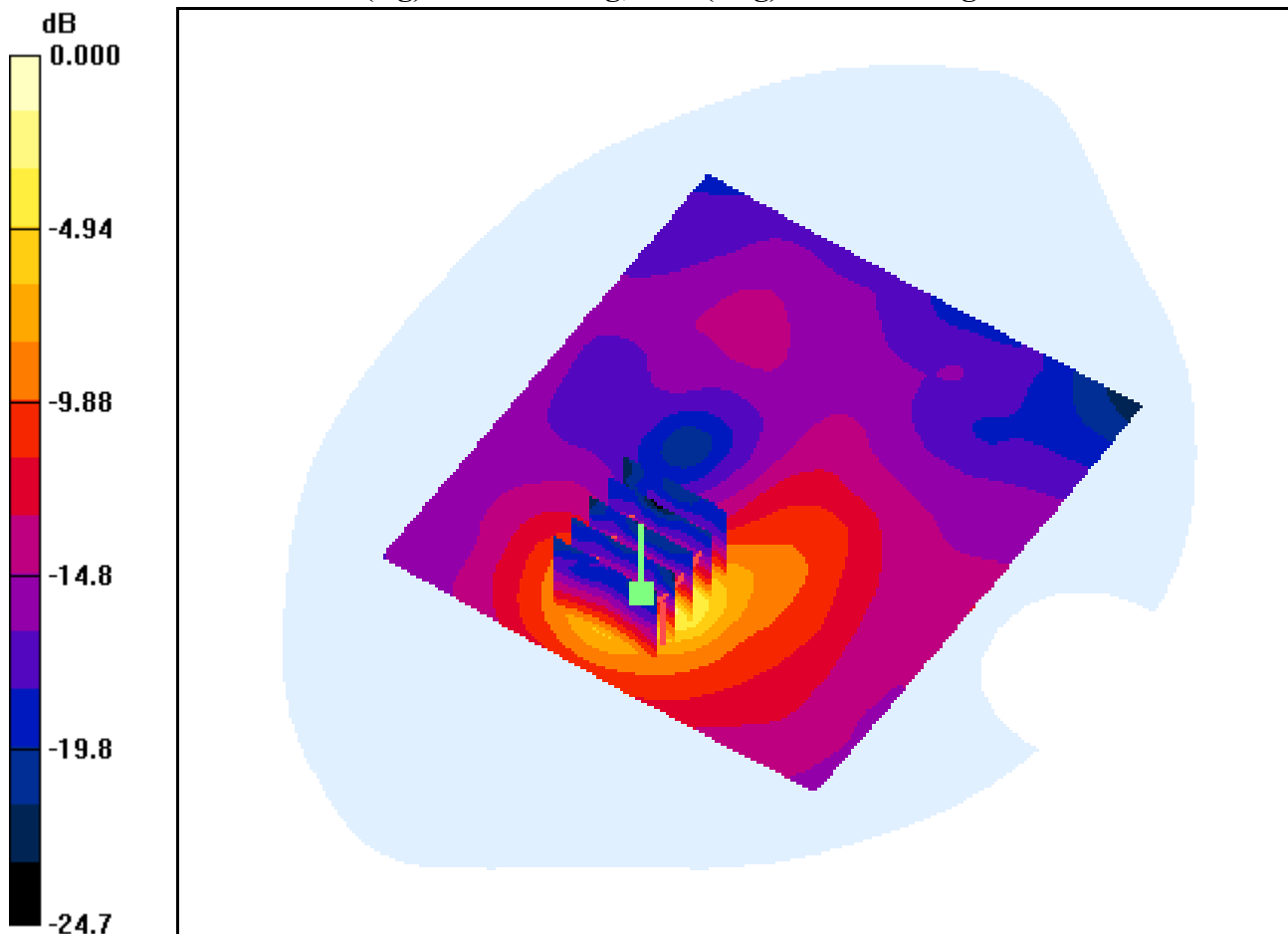
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.124 mW/g



0 dB = 0.522mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2012-01-16; Ambient Temp: 22.0; Tissue Temp: 22.2

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. Internal

Mode : Bandwidth 10M, 16QAM AMC, Edge Curve #1

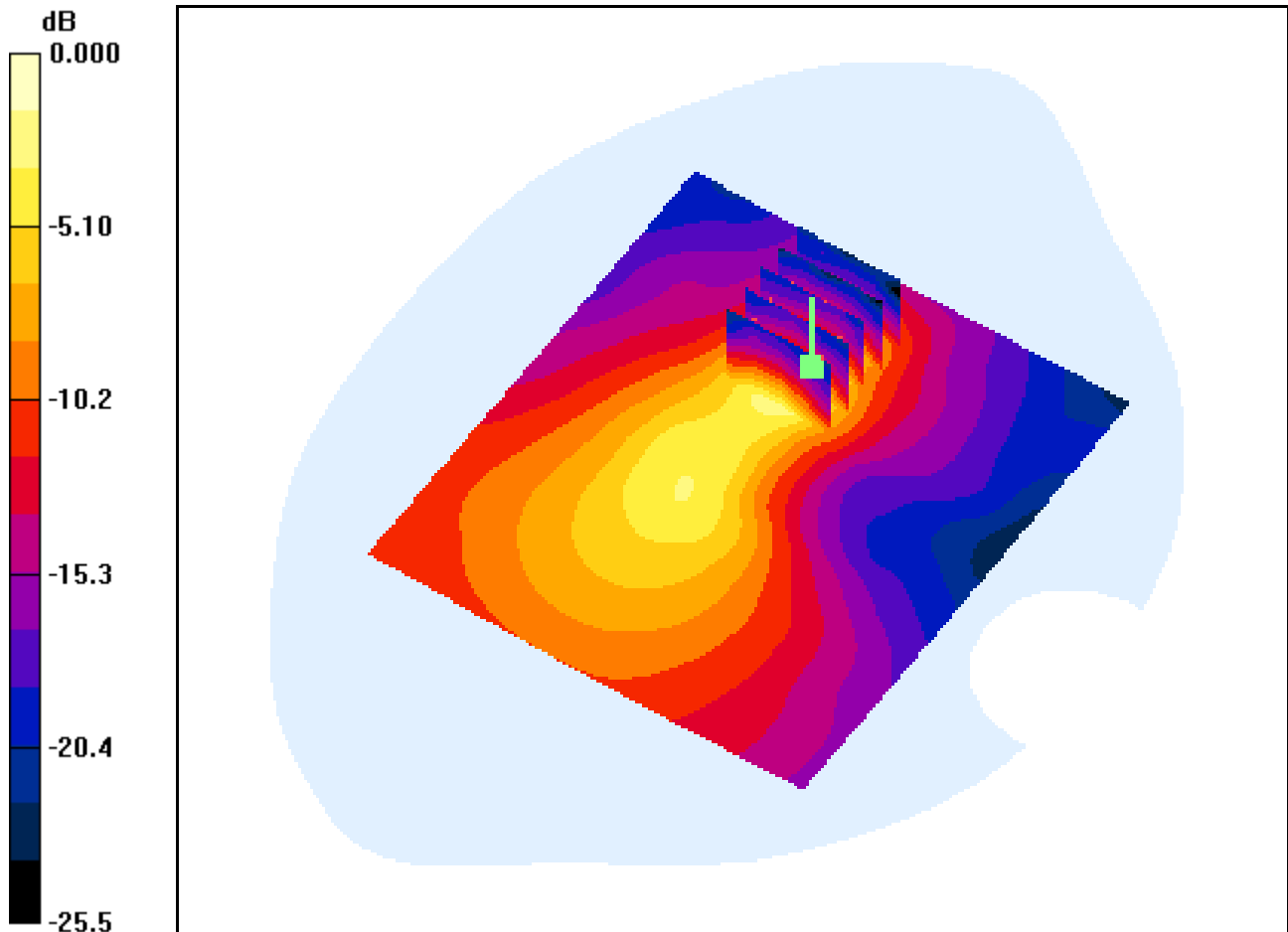
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.999 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.162 mW/g



0 dB = 0.598mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.08$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2012-01-16; Ambient Temp: 22.0; Tissue Temp: 22.2

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. Internal

Mode : Bandwidth 10M, 16QAM AMC, Edge Curve #2

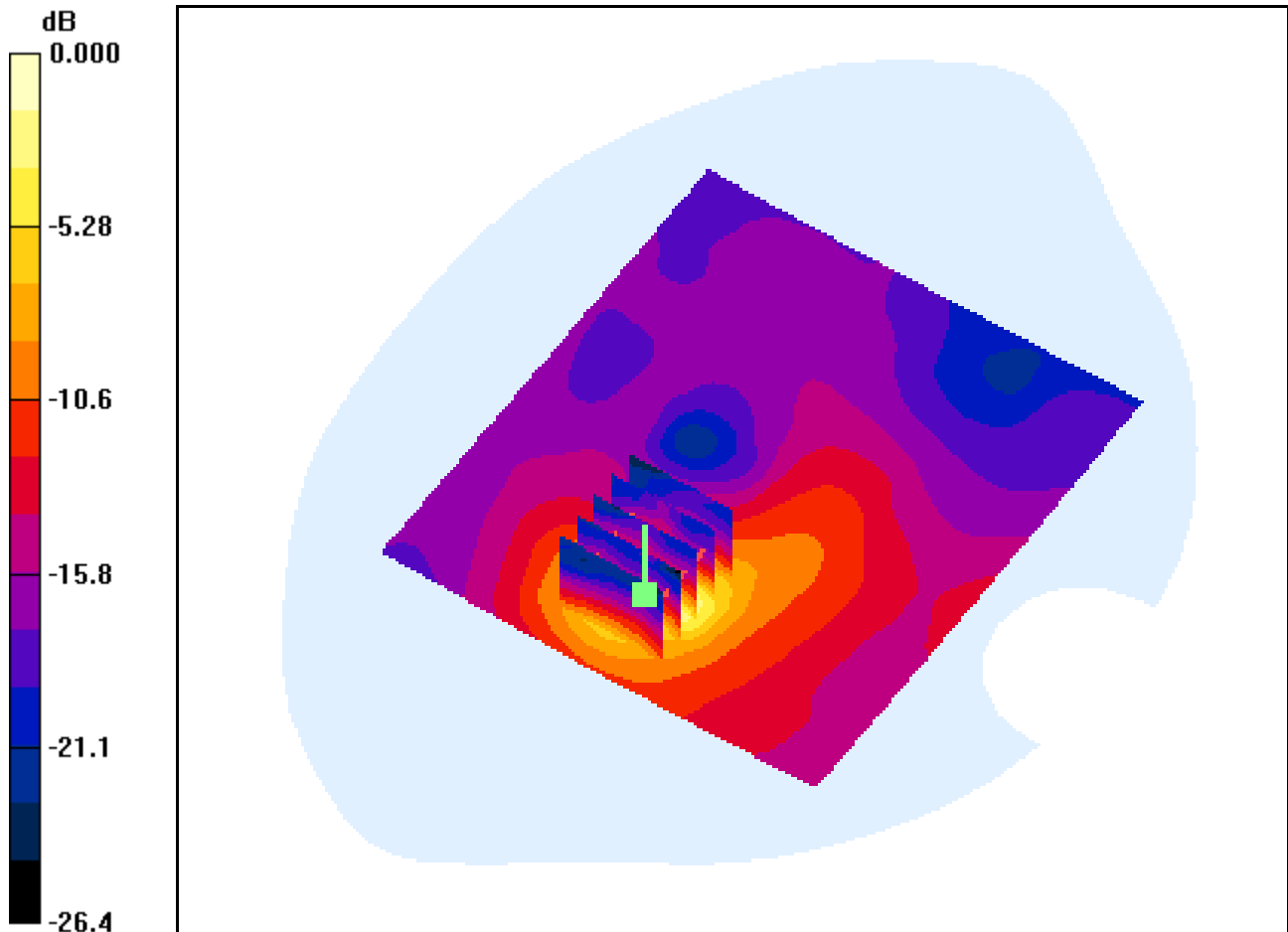
Area Scan (91x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.129 mW/g



0 dB = 0.560mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

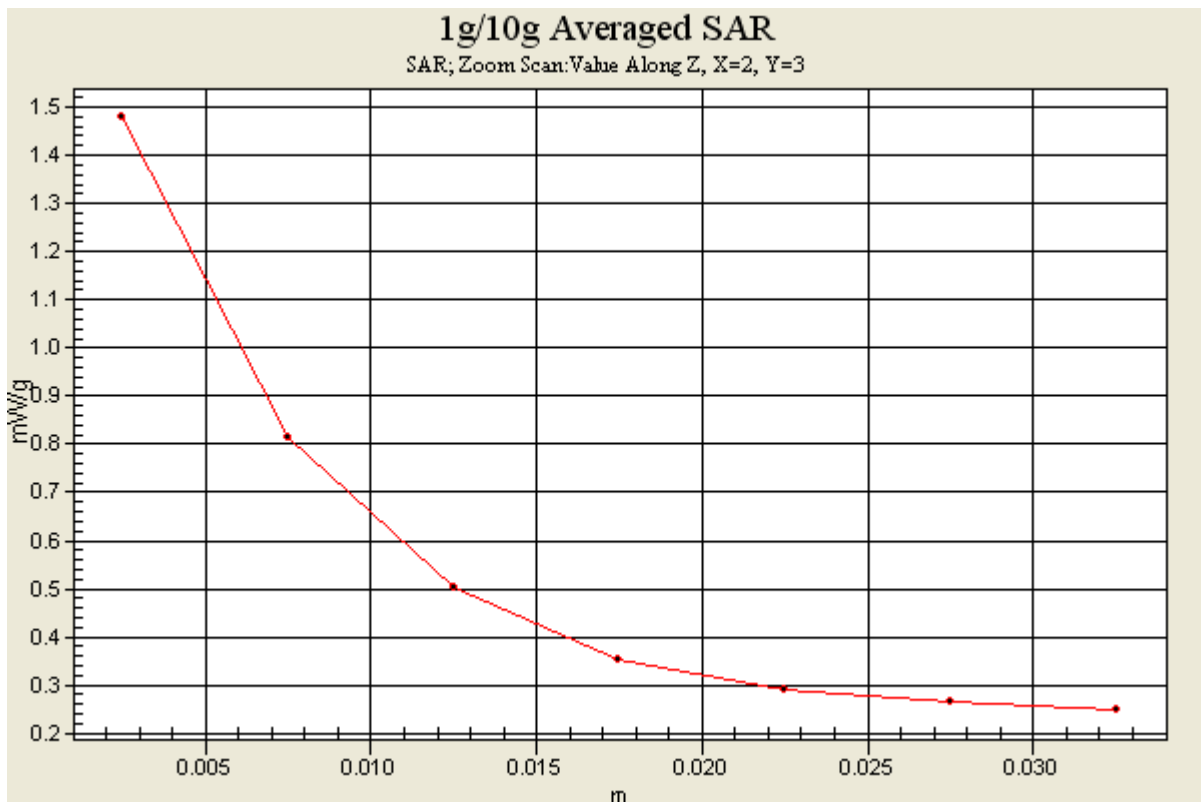
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.126 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.695 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-04; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

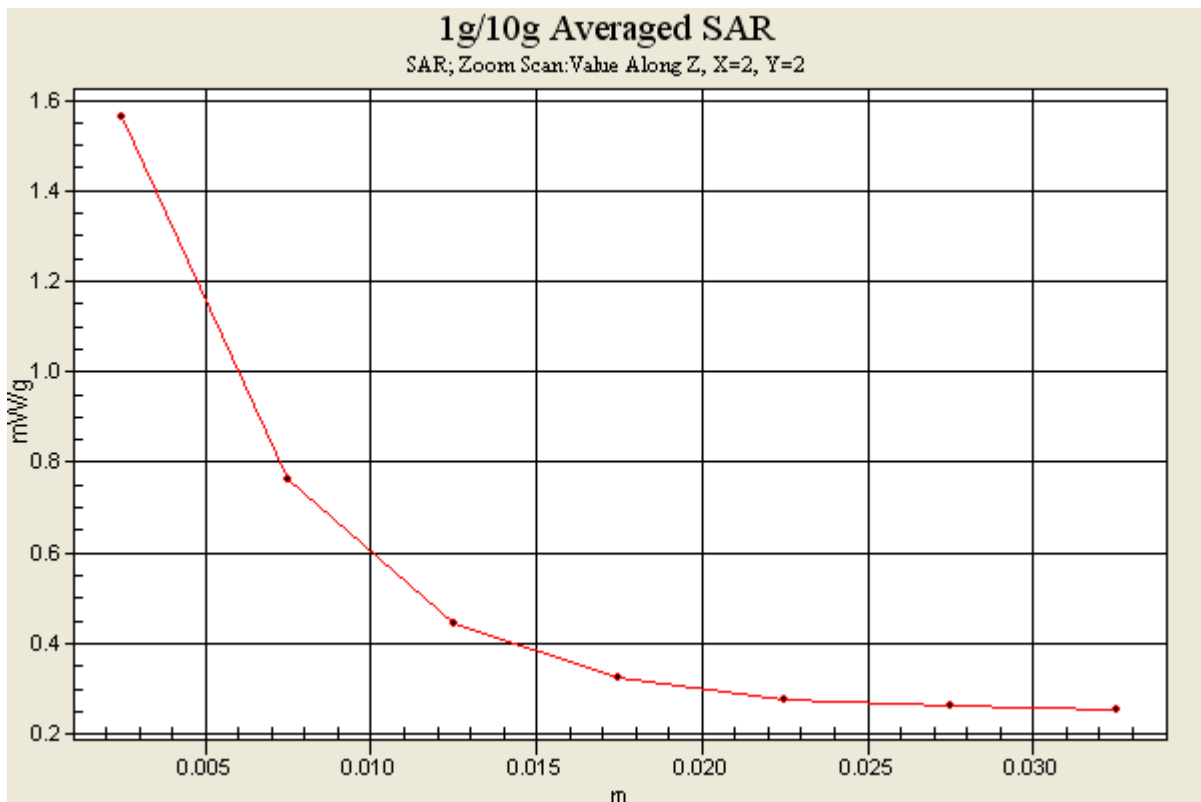
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.006 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.704 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

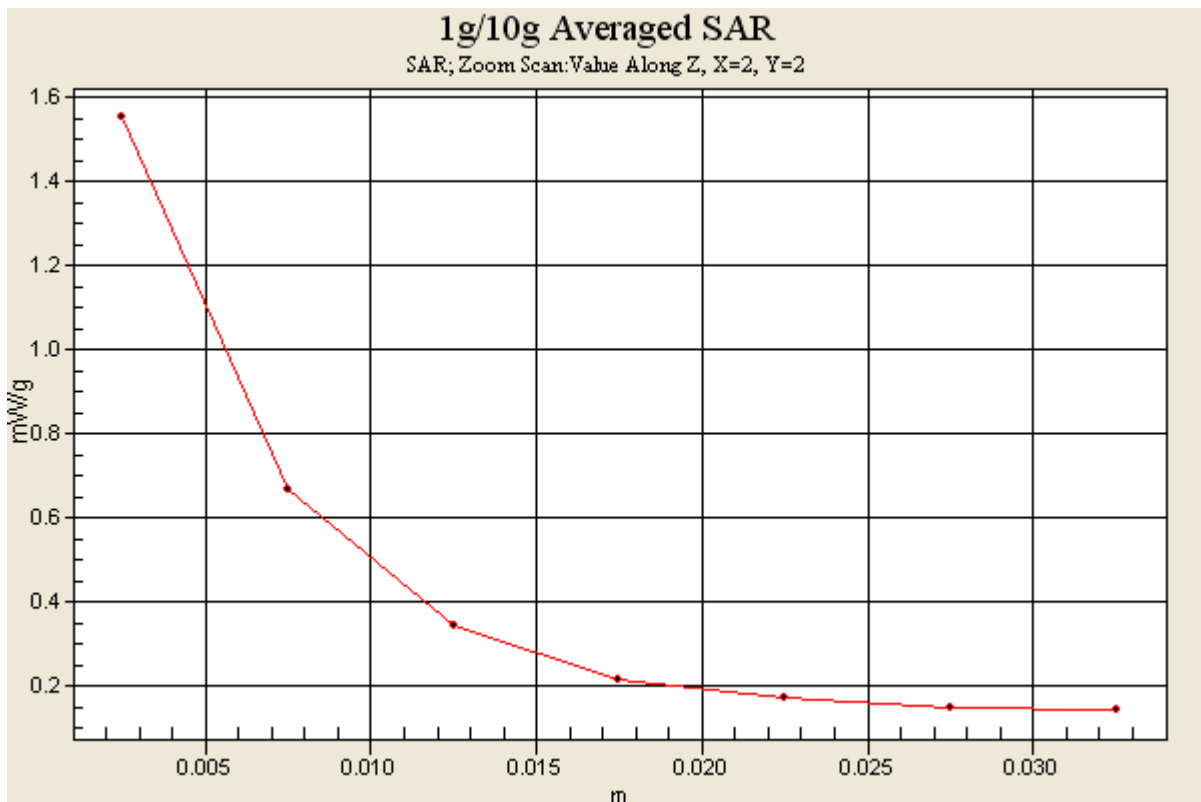
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.065 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.575 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

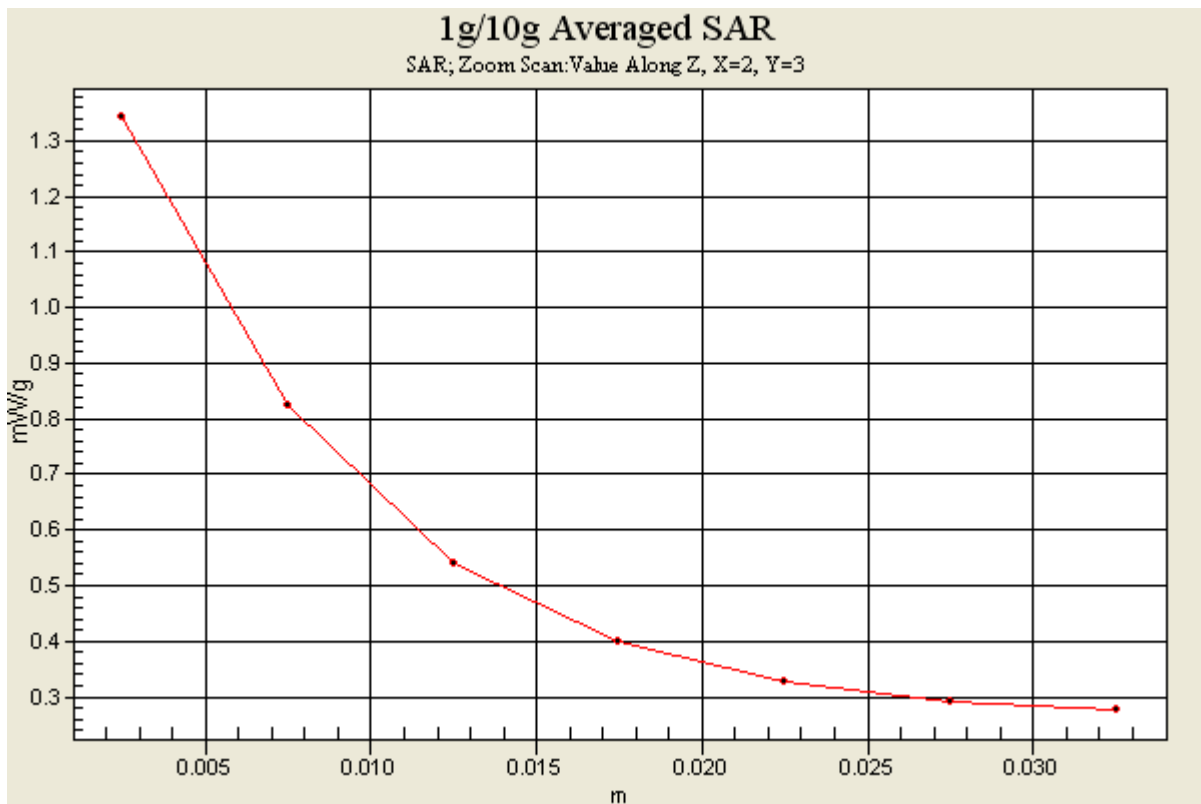
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.682 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-09-28; Ambient Temp: 22.3; Tissue Temp: 22.5

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

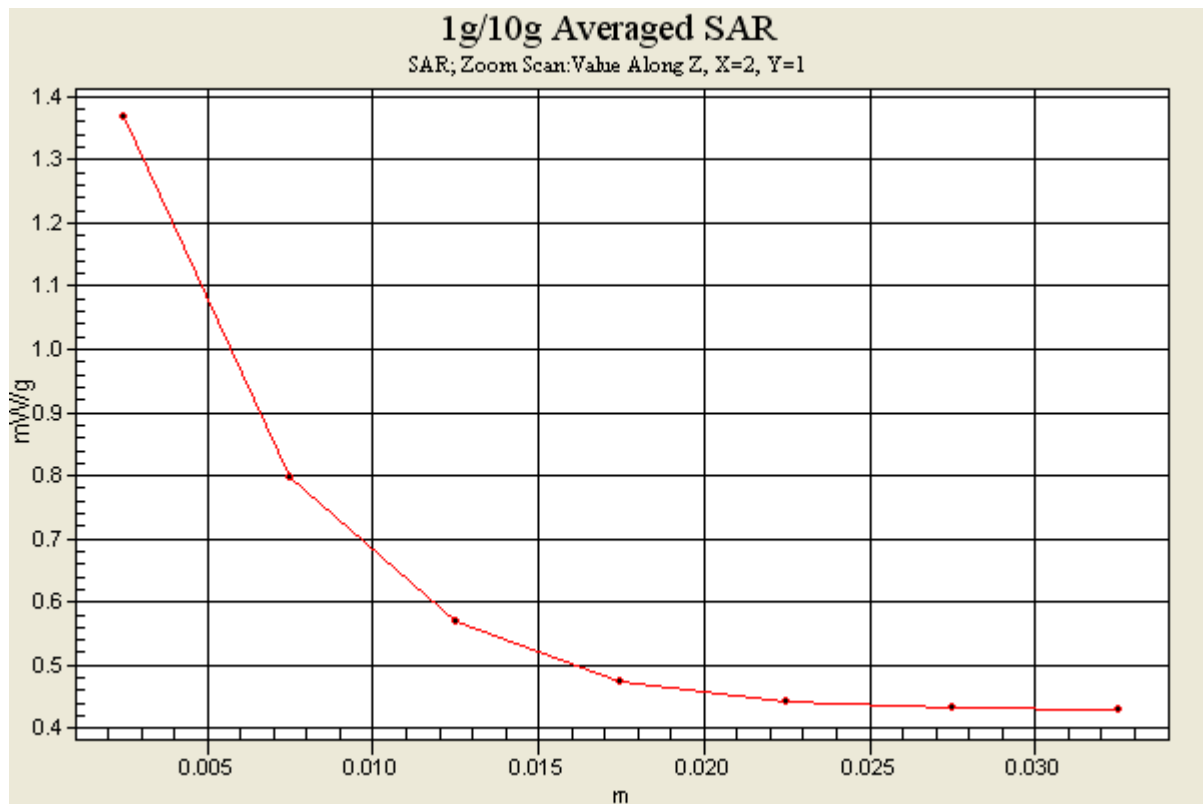
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.024 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.792 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-21; Ambient Temp: 22.5; Tissue Temp: 22.7

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

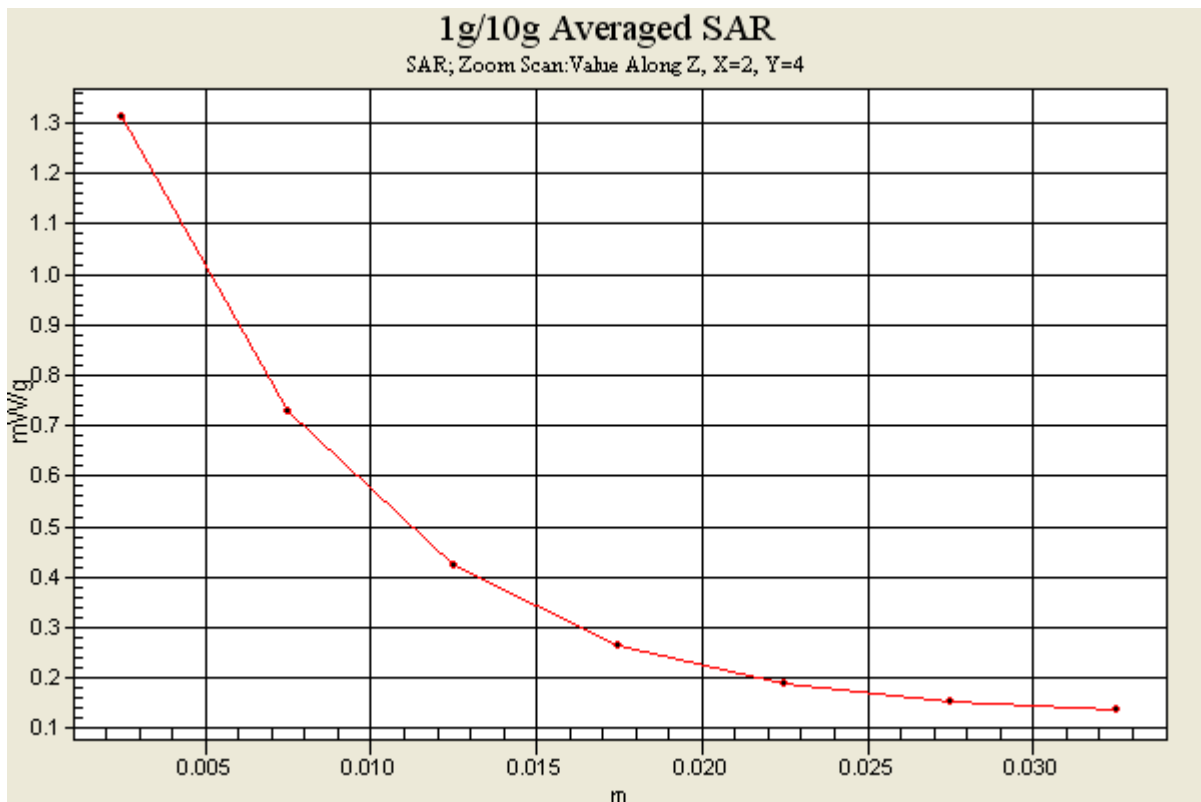
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.145 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.582 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, QPSK AMC, Front

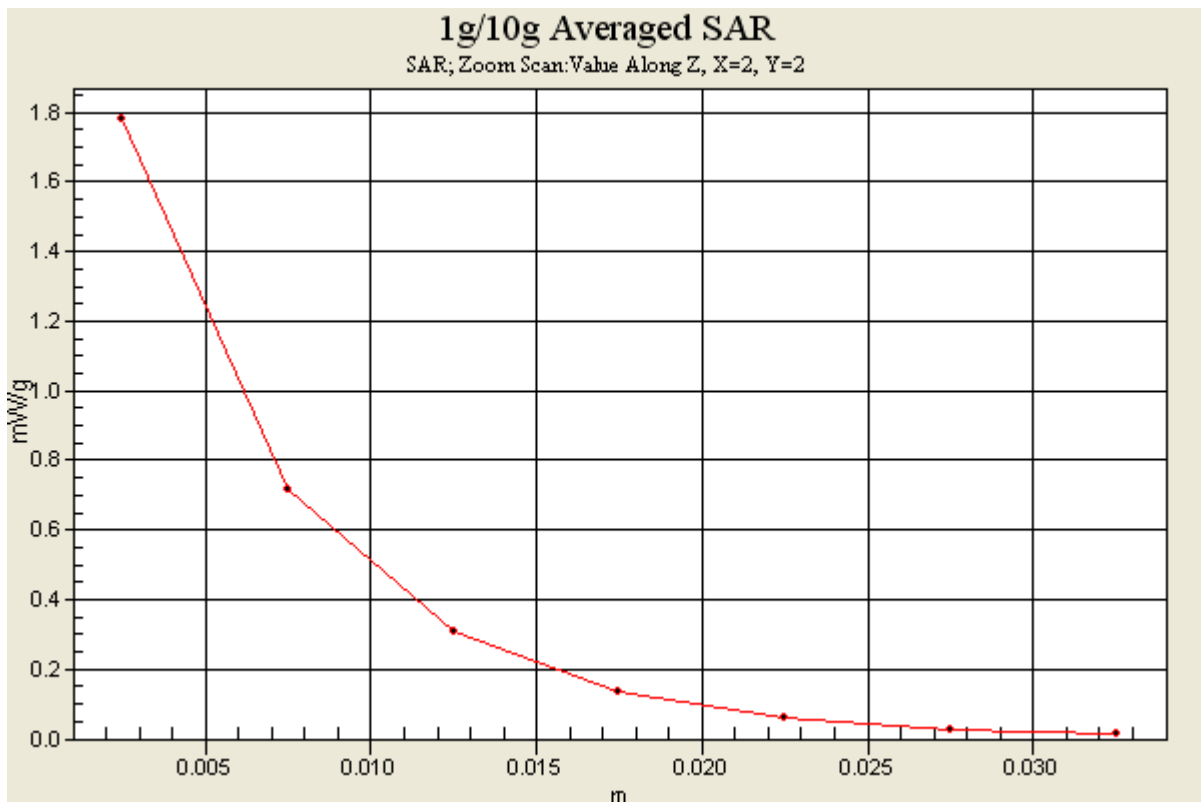
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.491 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

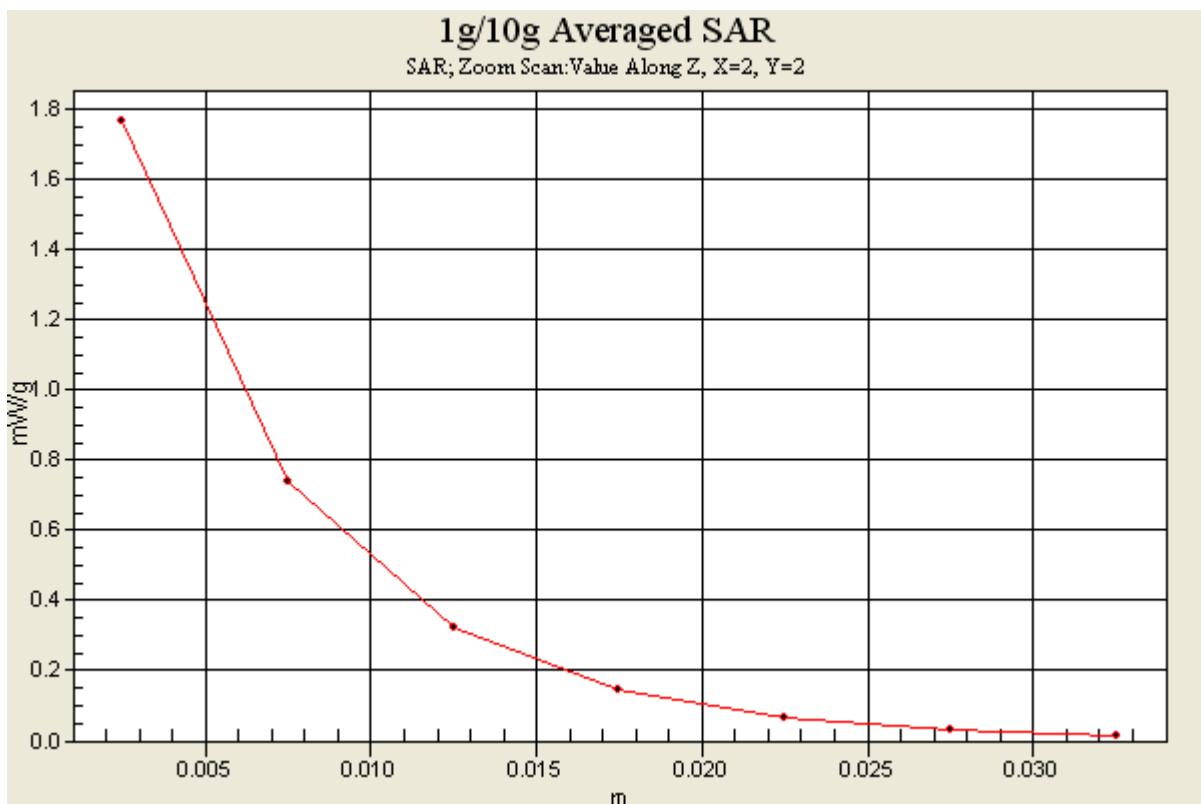
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.003 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.498 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2499 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2499$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Low(2499 MHz), Ant. 2, Internal

Mode : Bandwidth 5M, 64QAM AMC, Front

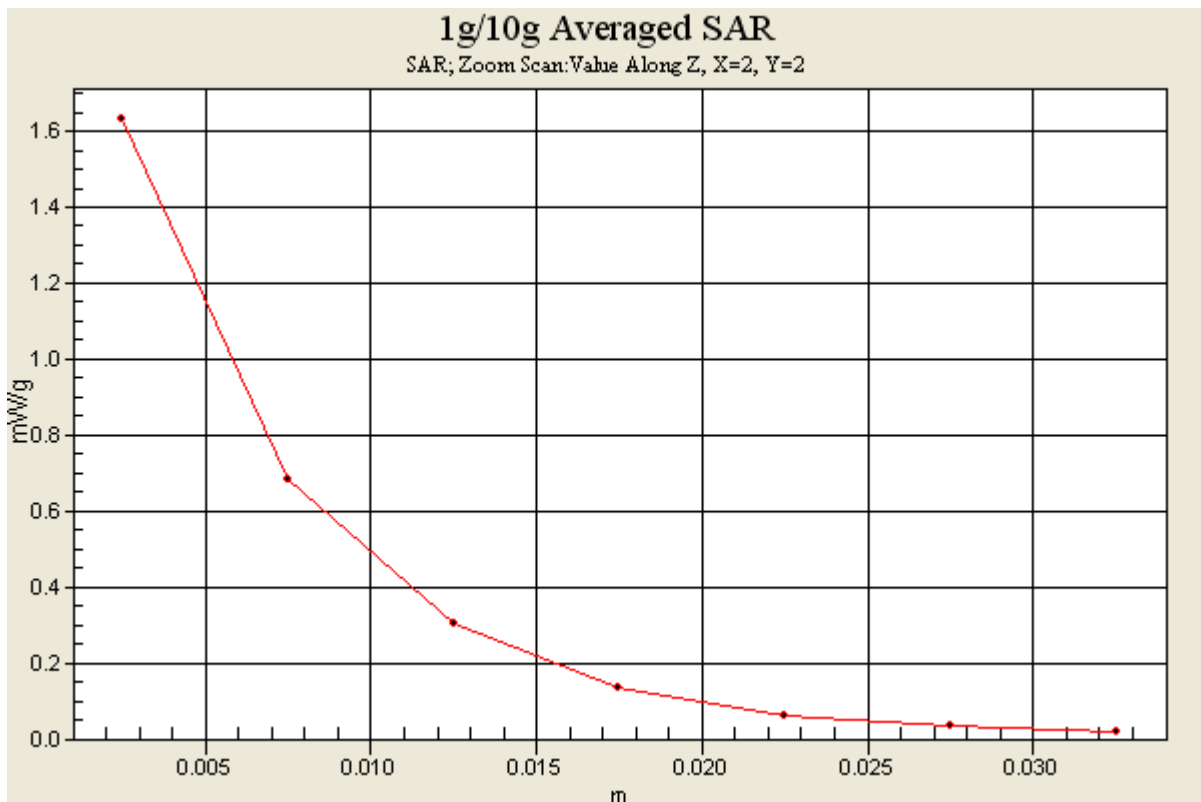
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.061 dB

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.467 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-18; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, QPSK AMC, Front

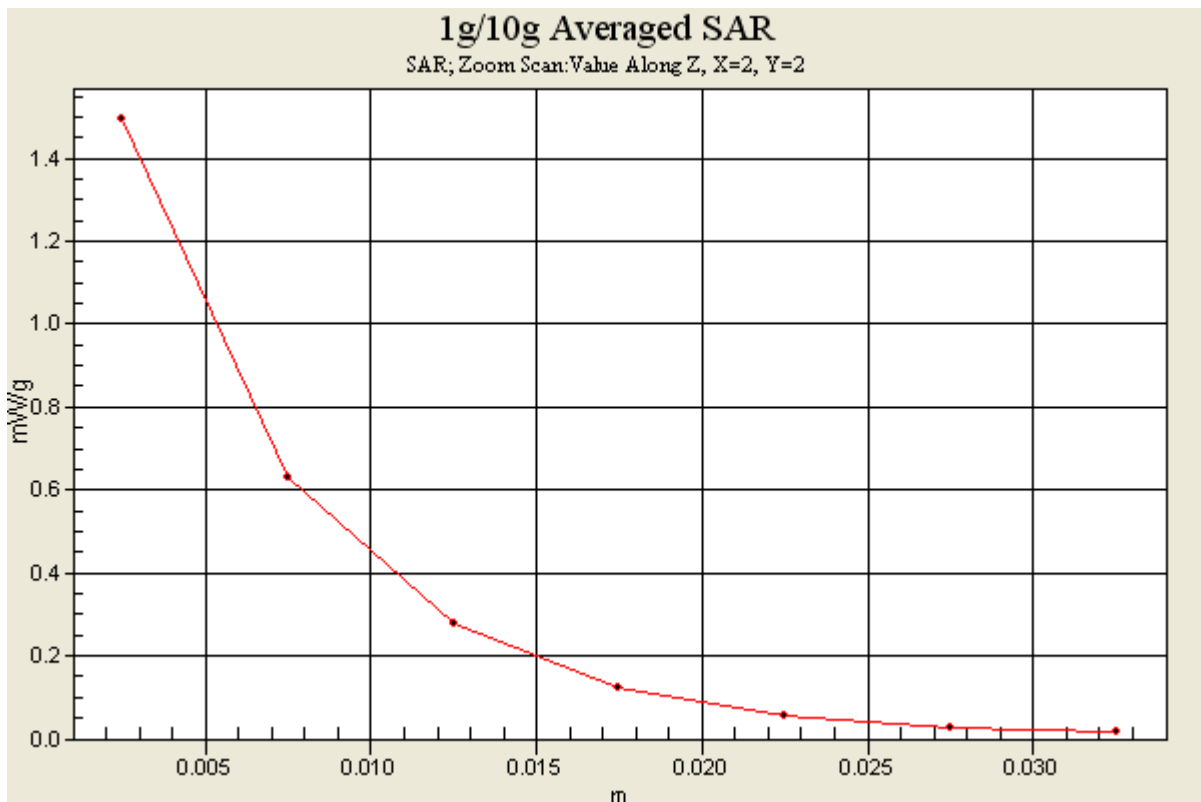
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.027 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.440 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.07$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

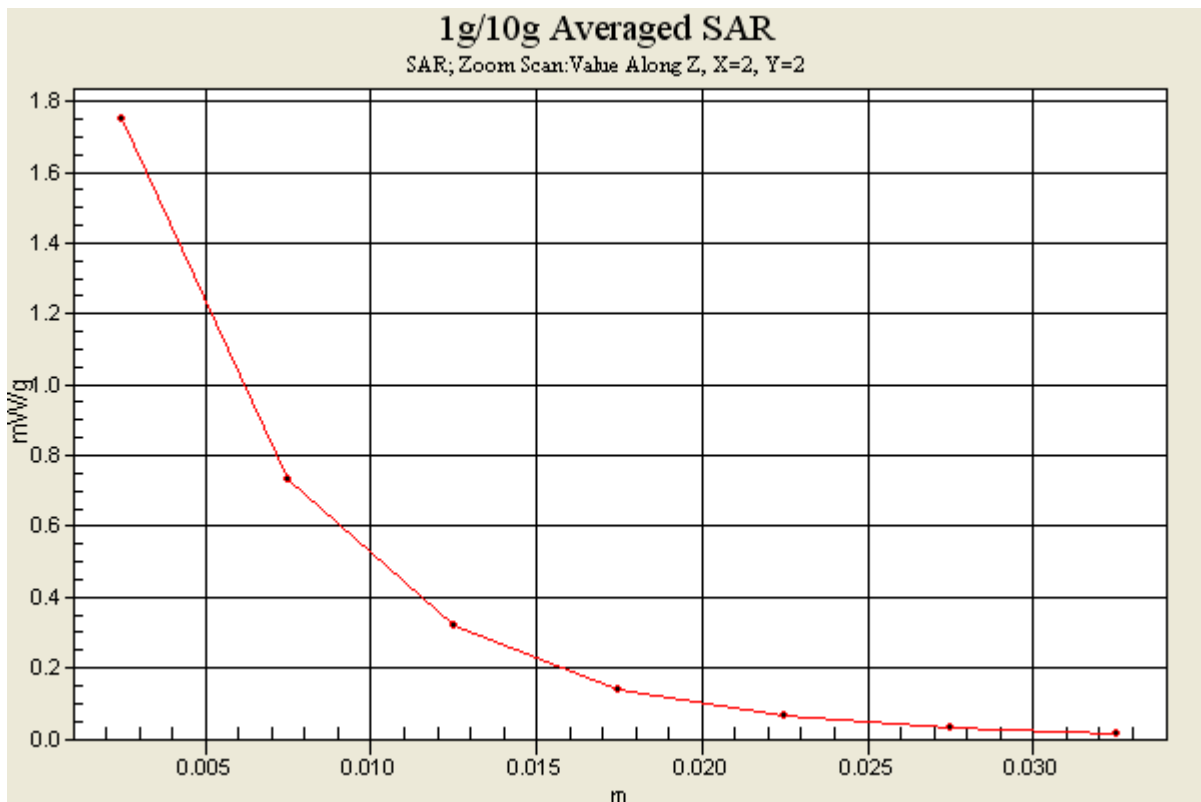
Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.011 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.501 mW/g



DIGITAL EMC CO., LTD

DUT: IMW-C910W; Type: CPE

Communication System: WIMAX; Frequency: 2508.5 MHz; Duty Cycle: 1:3.2
Medium parameters used: $f = 2508.5$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
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: 2011-10-20; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, WiMAX Ch. Low(2508.5 MHz), Ant. 2, Internal

Mode : Bandwidth 10M, 64QAM AMC, Front

Area Scan (91x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.078 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.449 mW/g

