DIGITAL EMC CO., LTD

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

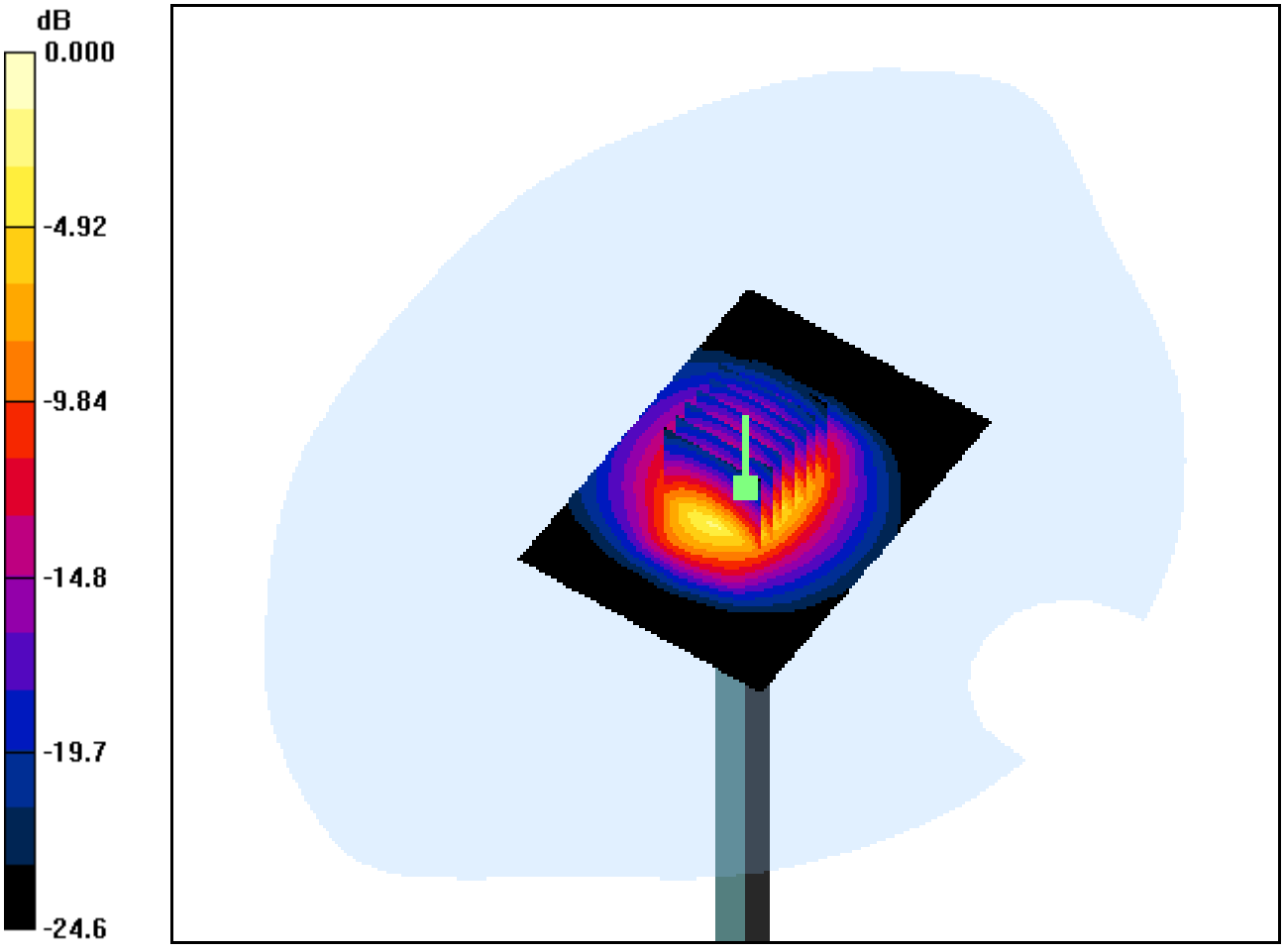
Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2012-01-19; 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 = -0.007 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 13.7 mW/g; SAR(10 g) = 5.92 mW/g



0 dB = 15.8mW/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; σ = 1.96 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

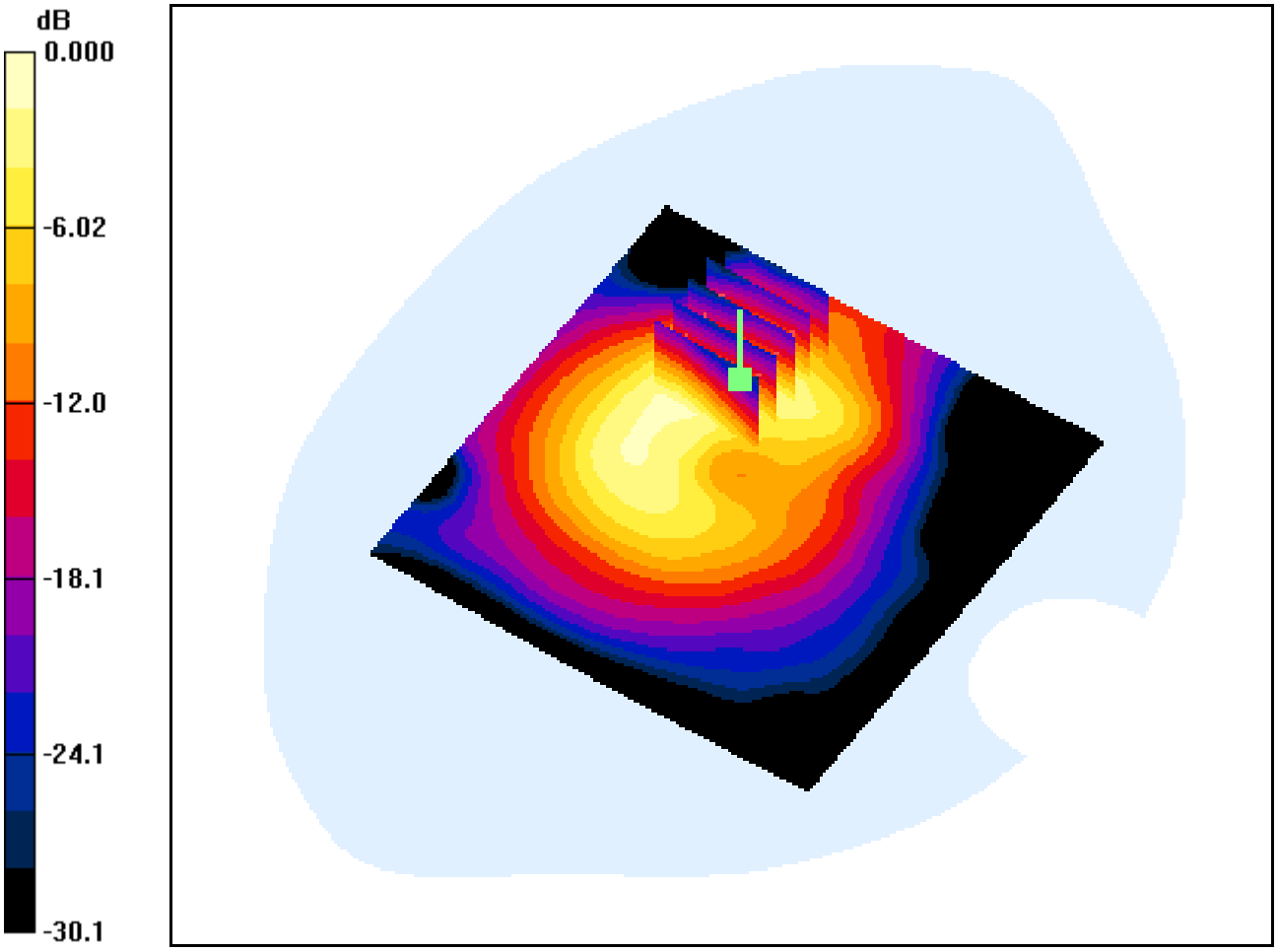
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 5M, QPSK PUSC, 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) = 2.26 W/kg
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.399 mW/g



0 dB = 1.34mW/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; σ = 1.96 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

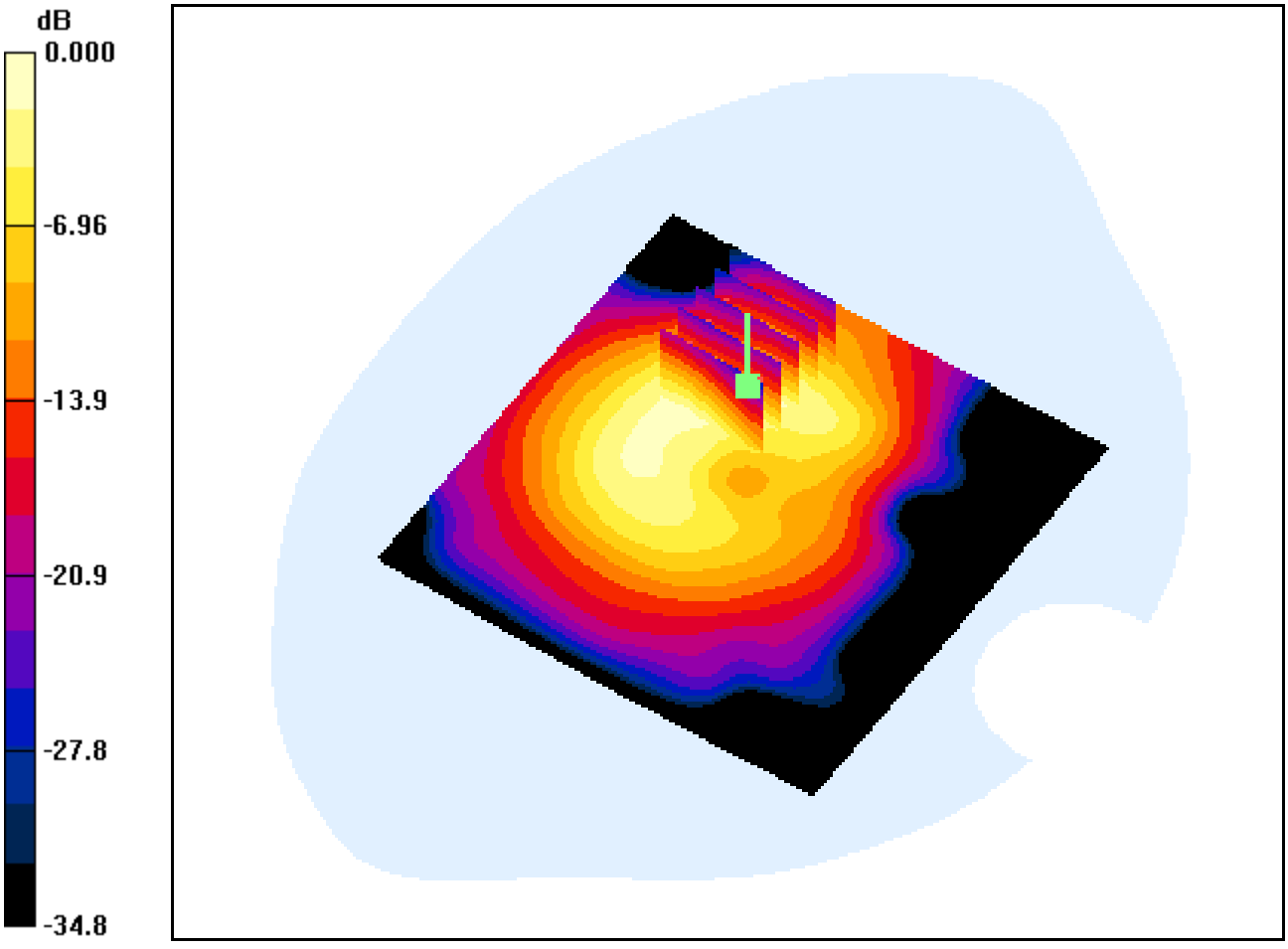
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 5M, 16QAM PUSC, 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 = -0.047 dB
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.407 mW/g



0 dB = 1.35mW/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; σ = 1.96 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

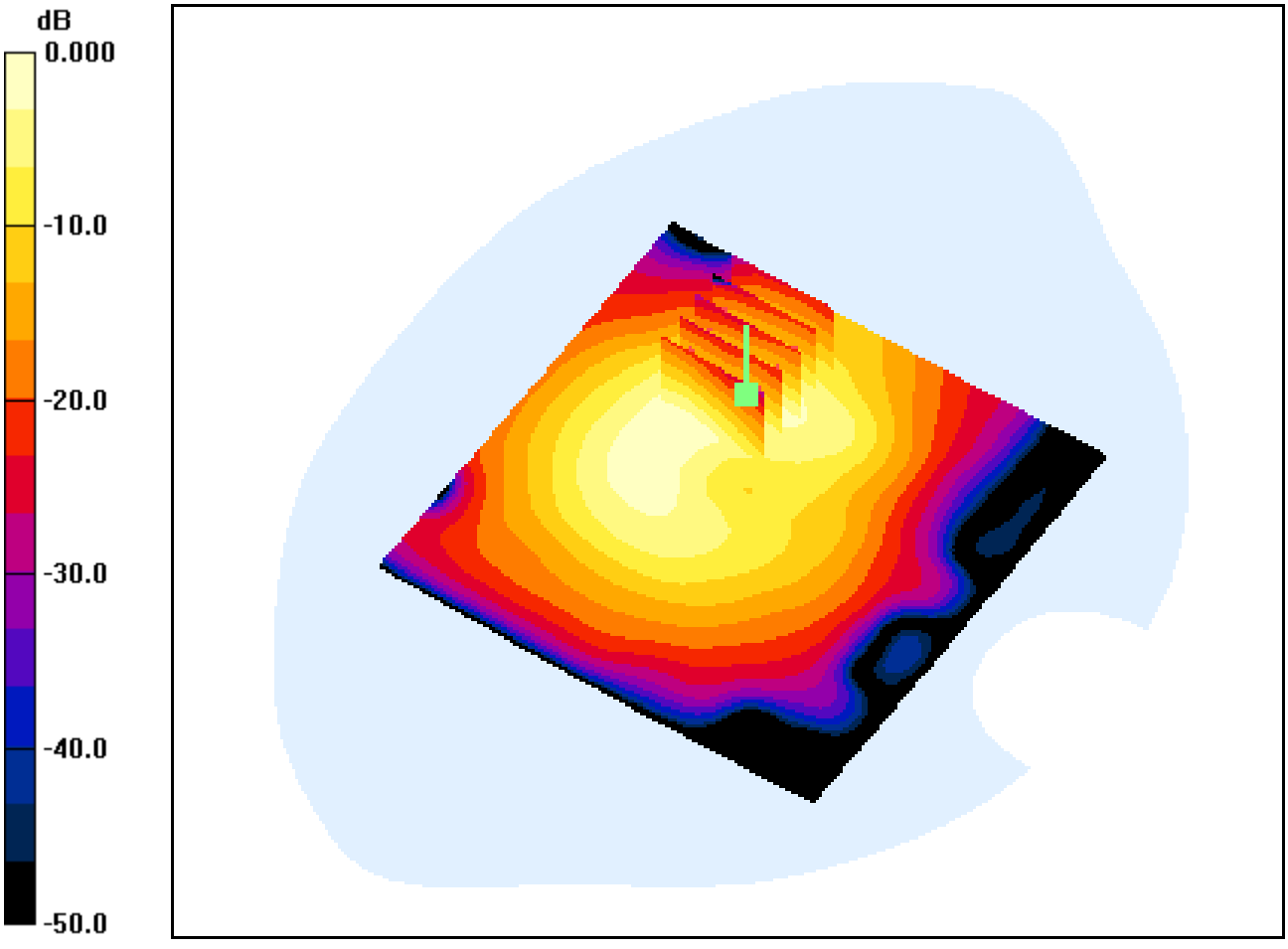
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 5M, 64QAM PUSC, 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 = 0.015 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.419 mW/g



0 dB = 1.38mW/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; σ = 2.07 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

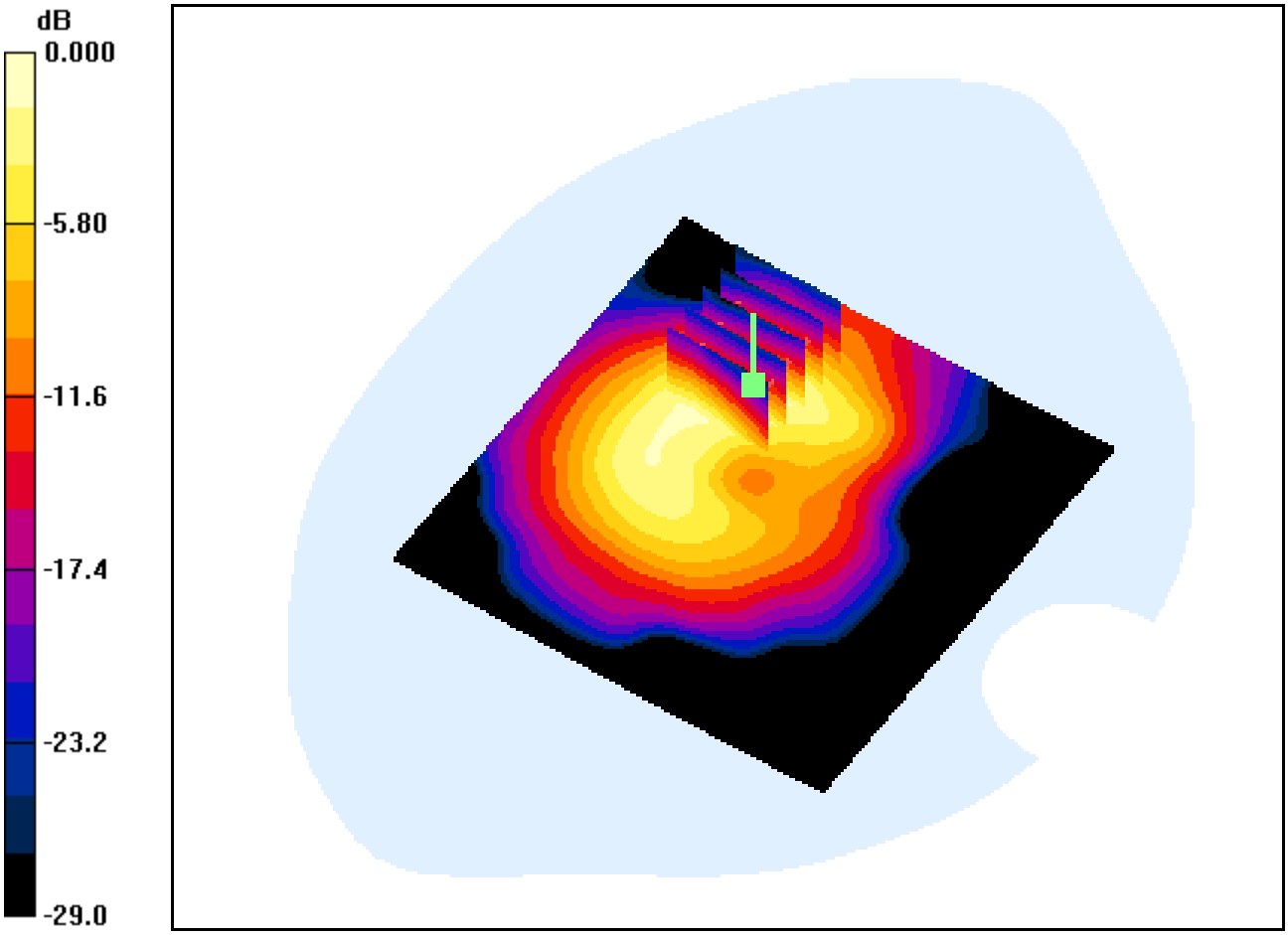
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 10M, QPSK PUSC, 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 = -0.176 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.393 mW/g



0 dB = 1.32mW/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; σ = 2.07 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

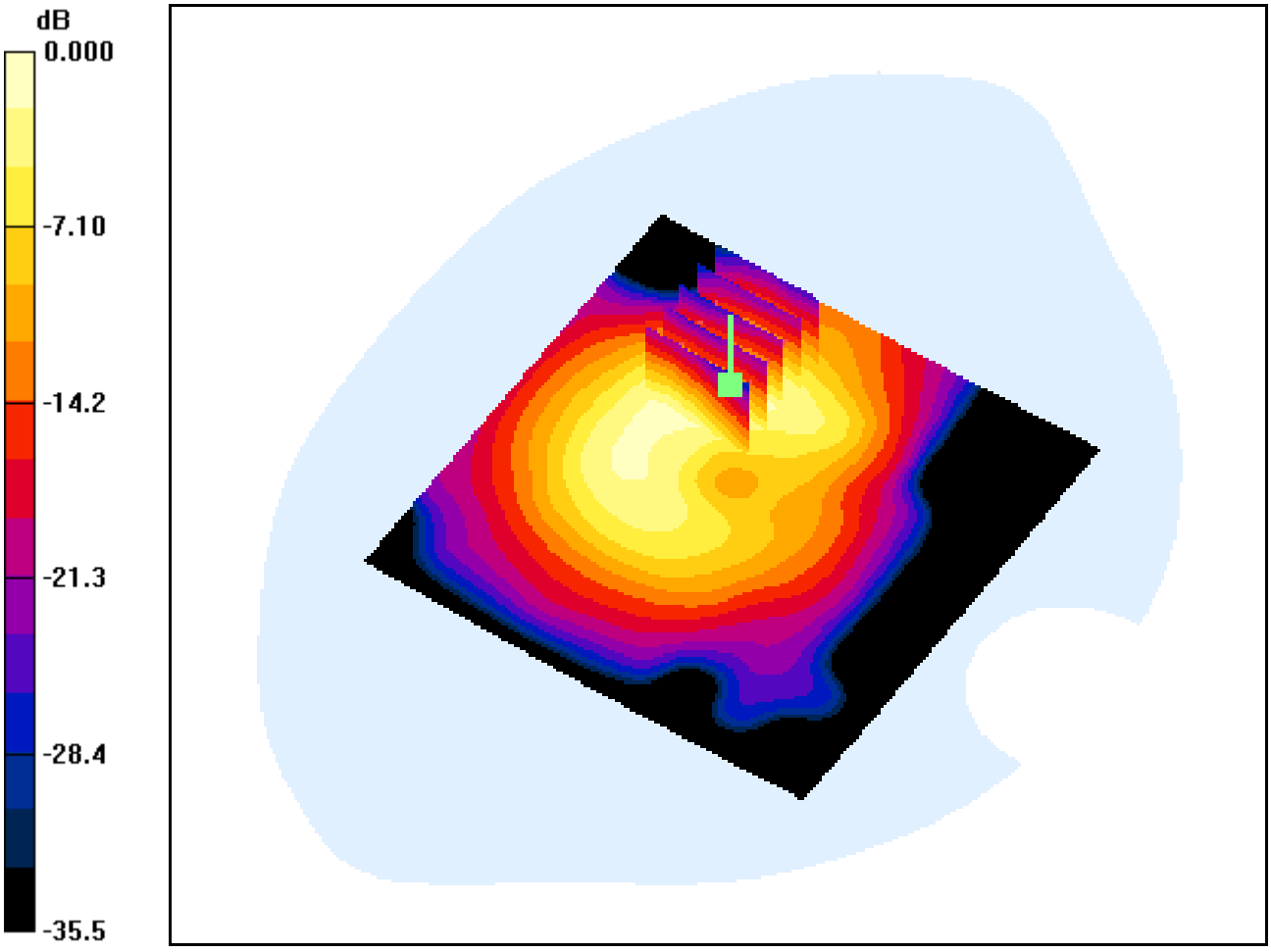
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 10M, 16QAM PUSC, 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 = 0.014 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.409 mW/g



0 dB = 1.37mW/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; σ = 2.07 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

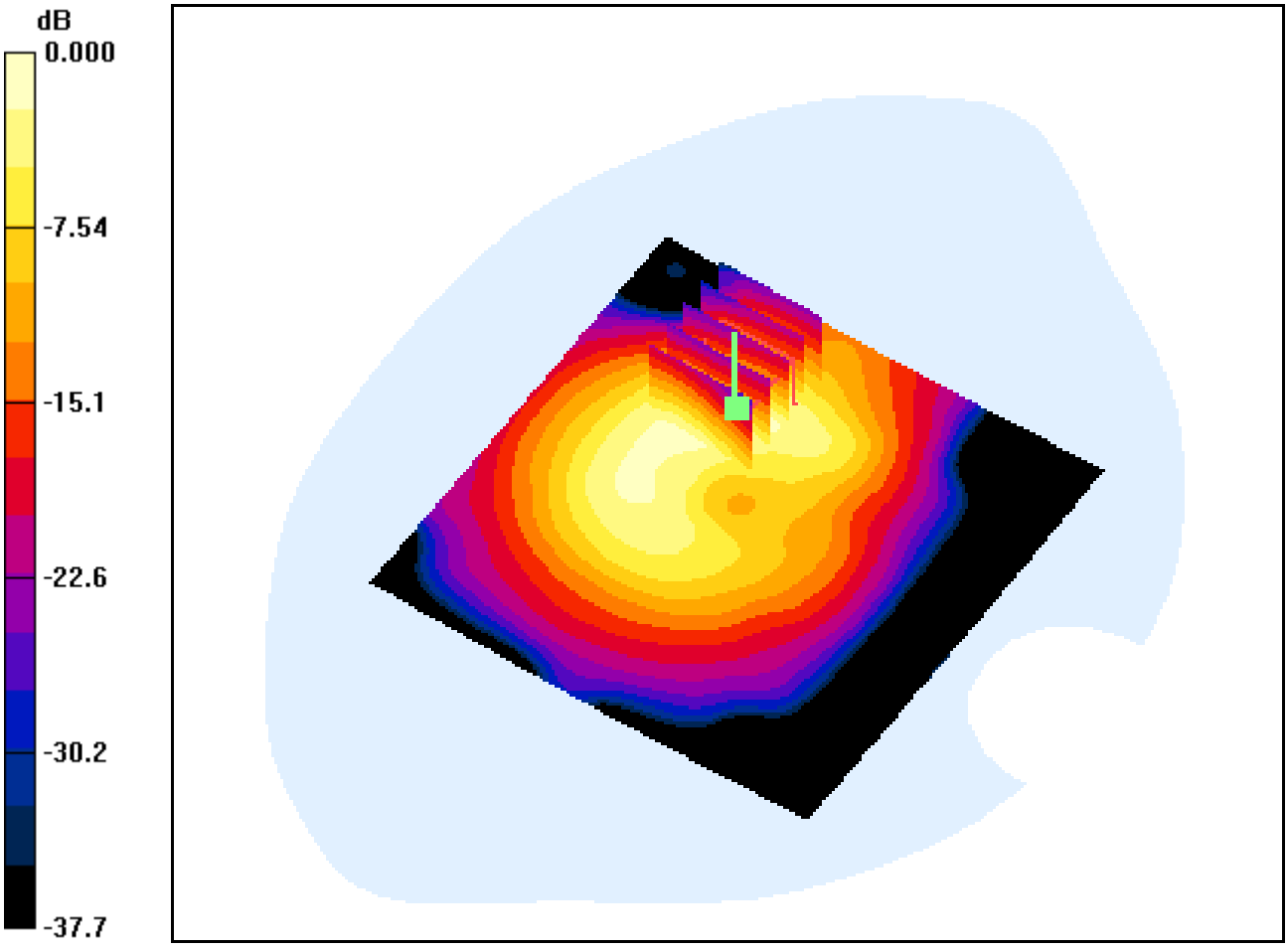
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 10M, 64QAM PUSC, 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 = 0.076 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.427 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; σ = 1.96 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

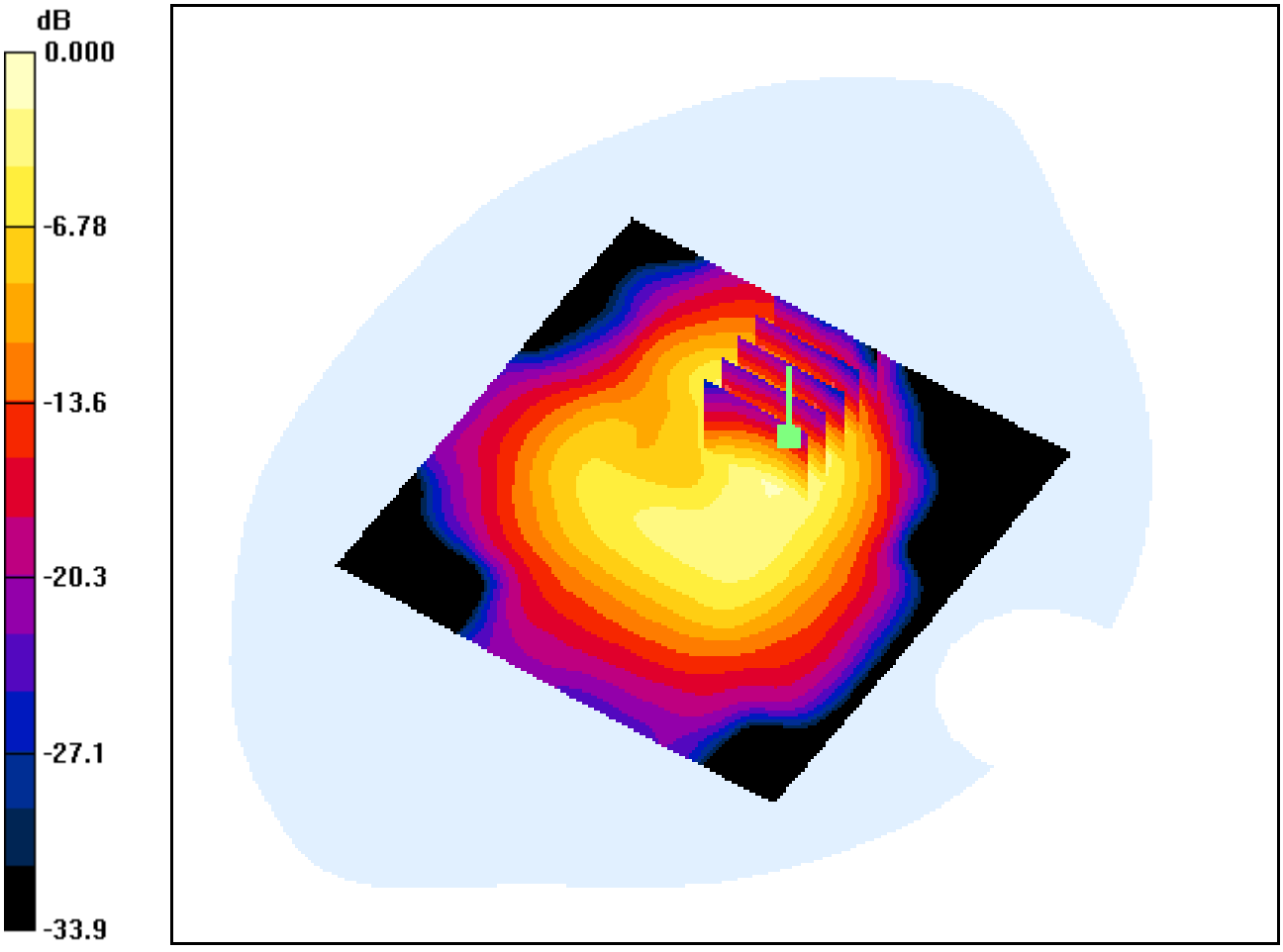
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 5M, QPSK PUSC, 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 = -0.081 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.323 mW/g



0 dB = 1.05mW/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; σ = 1.96 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

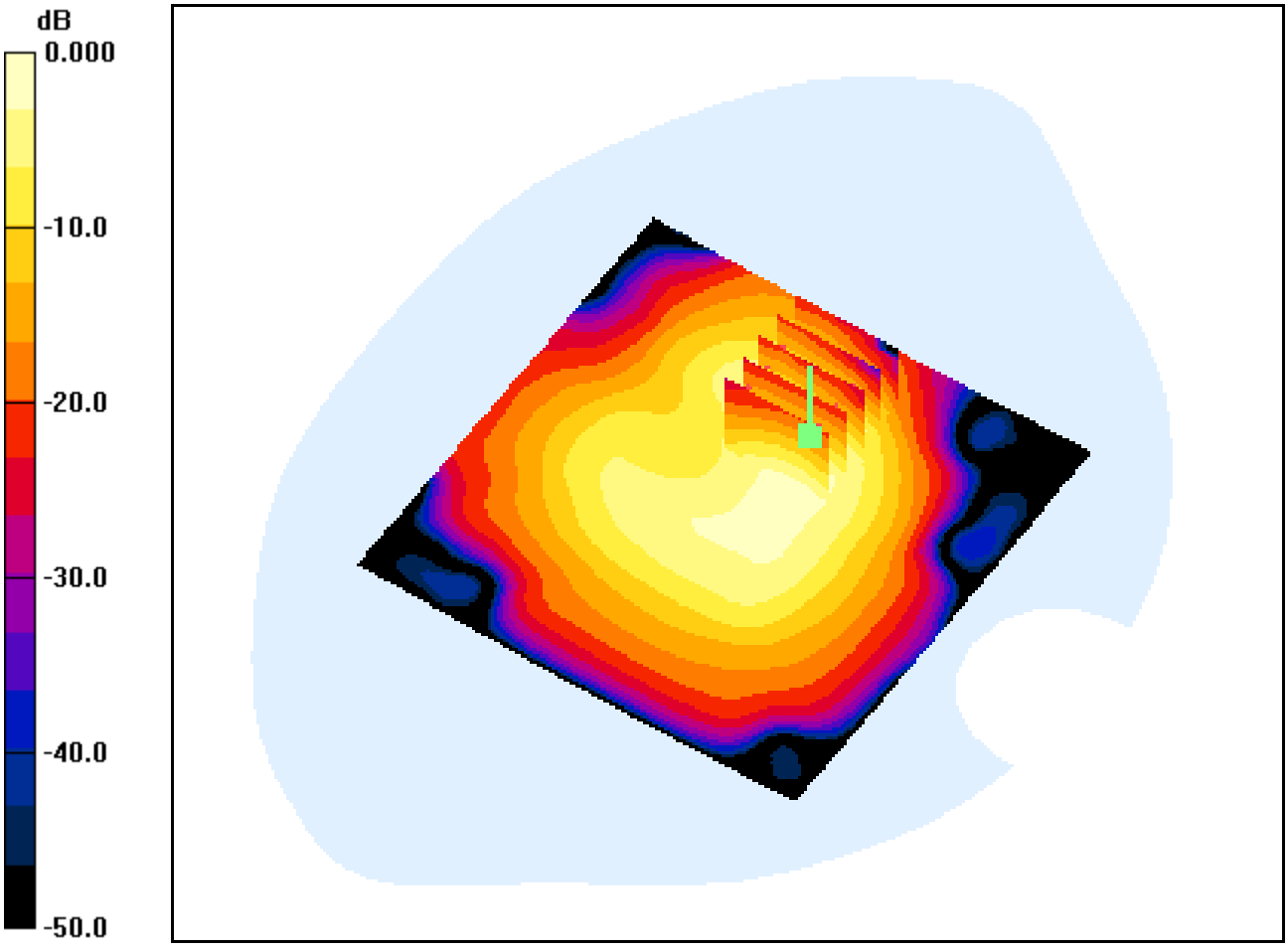
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 5M, 16QAM PUSC, 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 = 0.043 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.307 mW/g



0 dB = 0.982mW/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; σ = 1.96 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

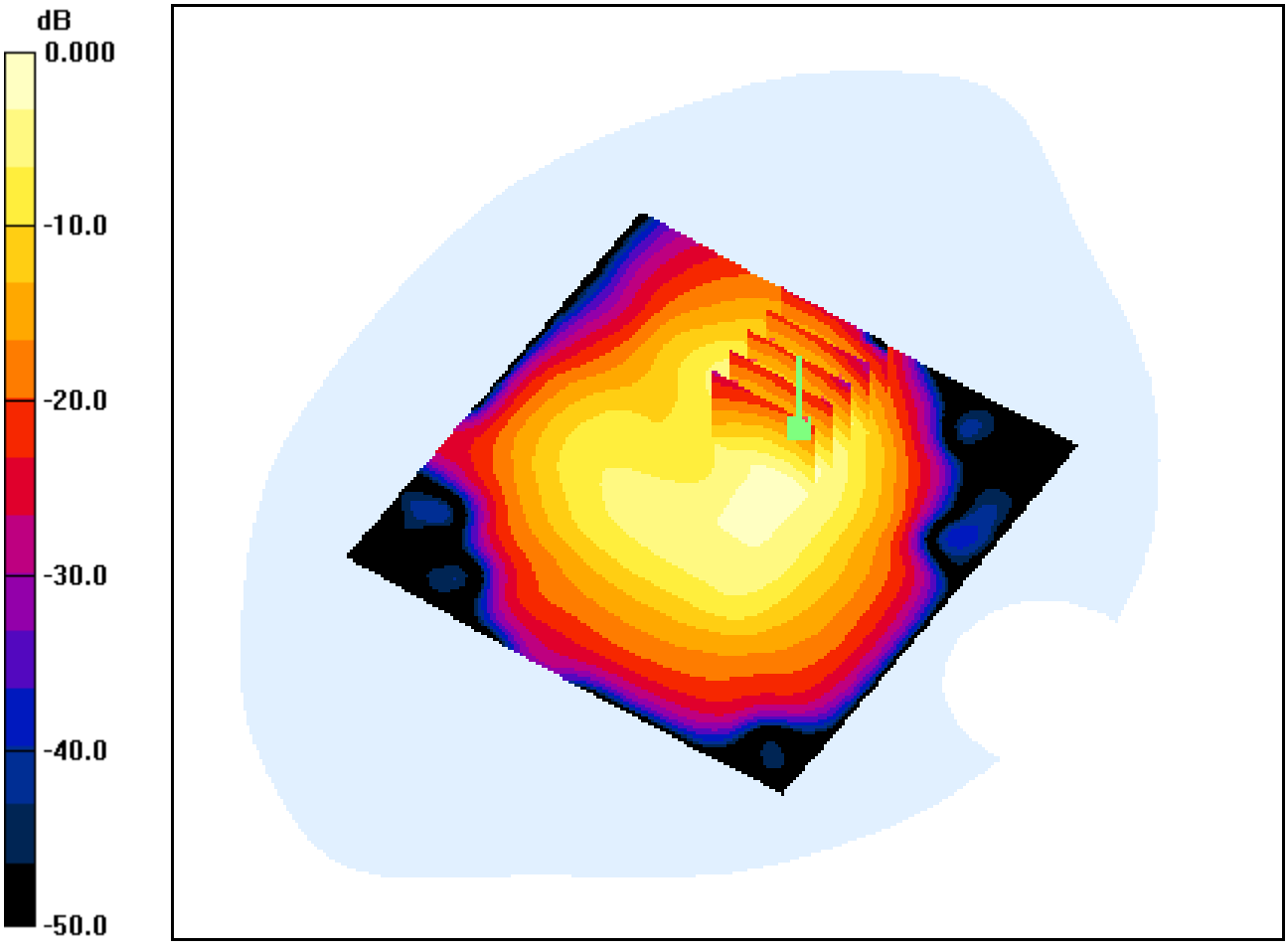
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 5M, 64QAM PUSC, 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) = 1.93 W/kg
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.353 mW/g



0 dB = 1.20mW/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; σ = 2.07 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

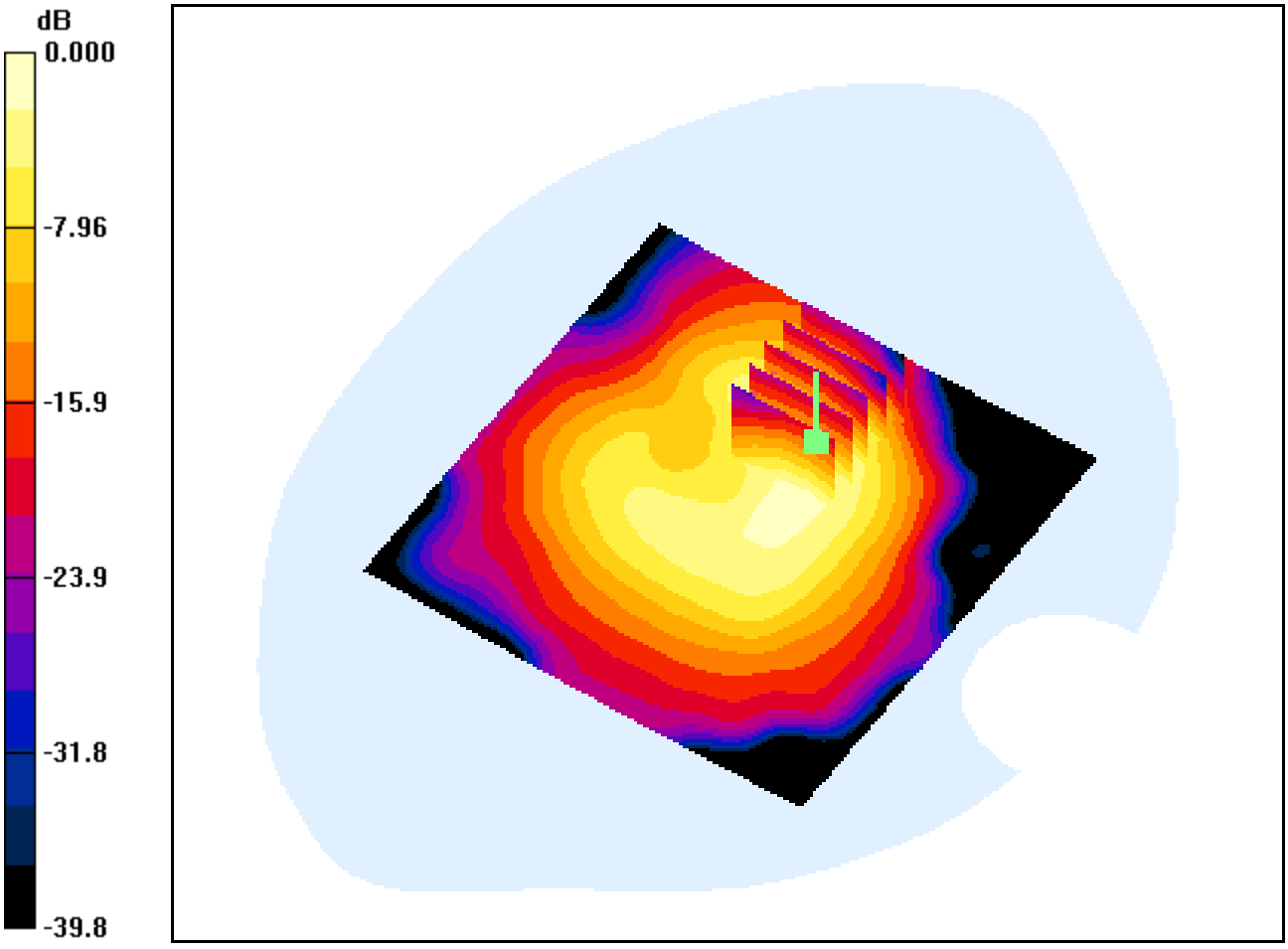
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 10M, QPSK PUSC, 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) = 1.60 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.308 mW/g



0 dB = 0.985mW/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; σ = 2.07 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

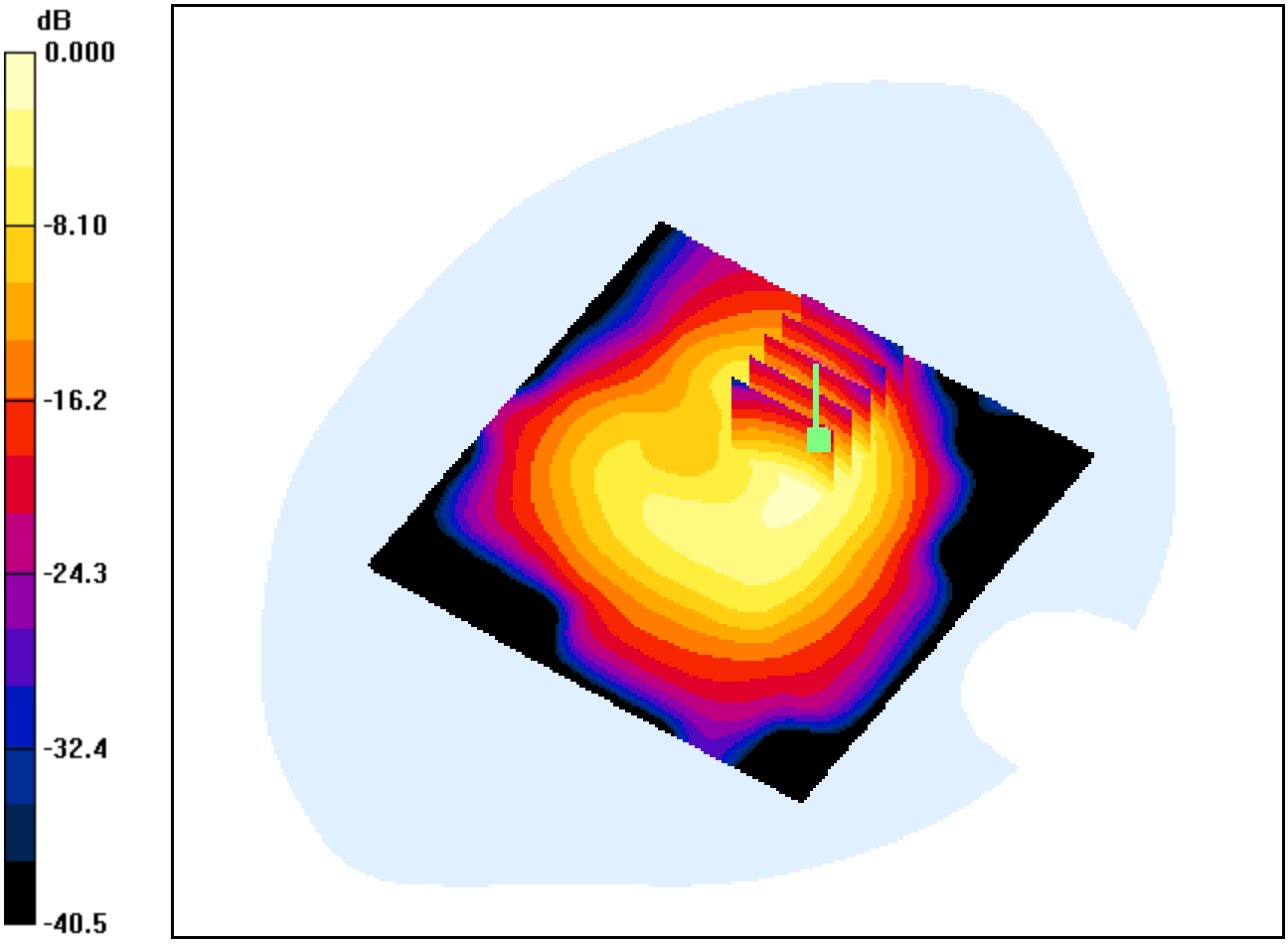
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 10M, 16QAM PUSC, 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 = -0.038 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.374 mW/g



0 dB = 1.30mW/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; σ = 2.07 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

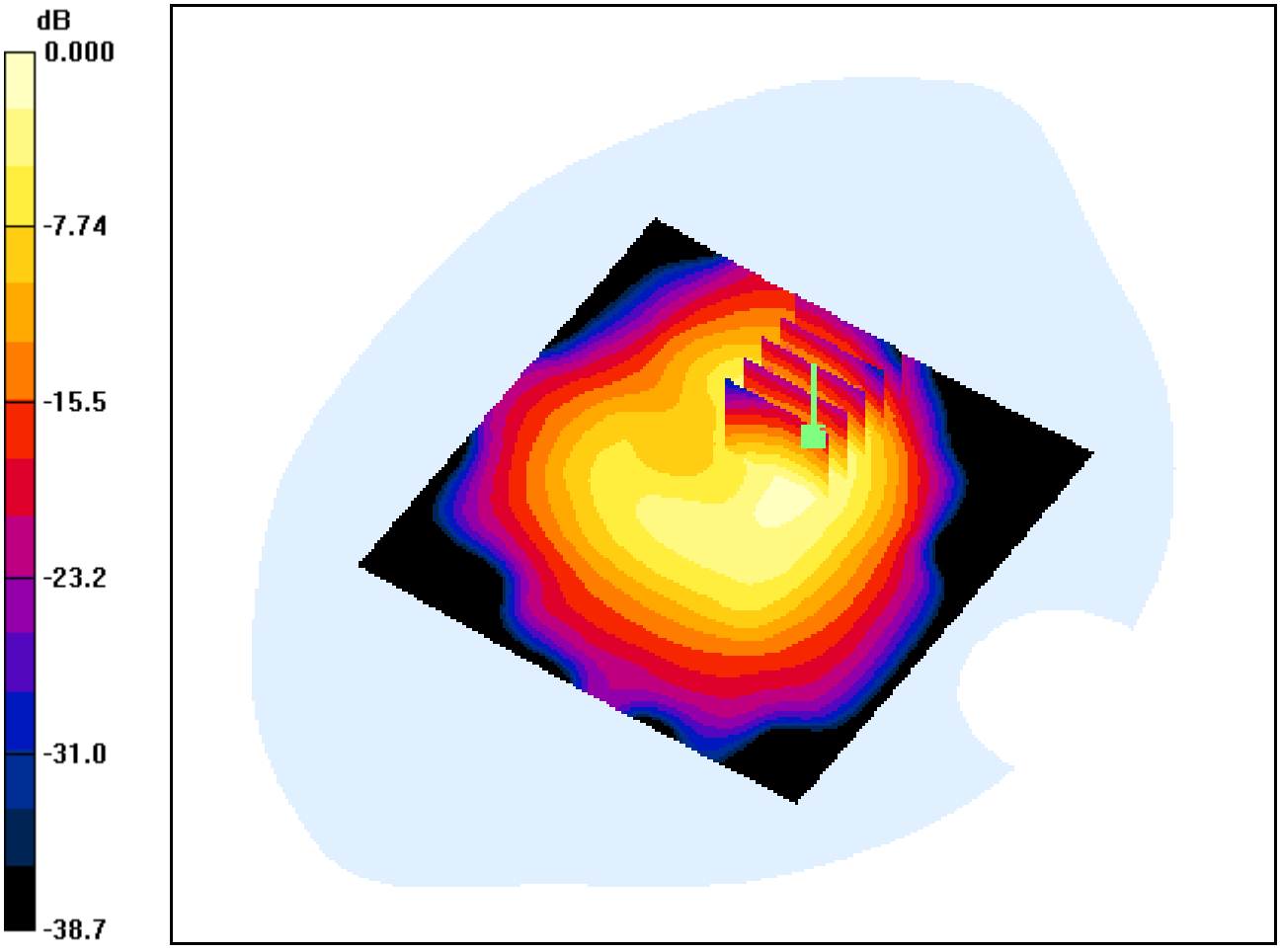
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-01-24; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-01-19; Ambient Temp: 22.1; Tissue Temp:22.4

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

Mode : Bandwidth 10M, 64QAM PUSC, 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 = -0.048 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.364 mW/g



0 dB = 1.21mW/g