DIGITAL EMC CO., LTD

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

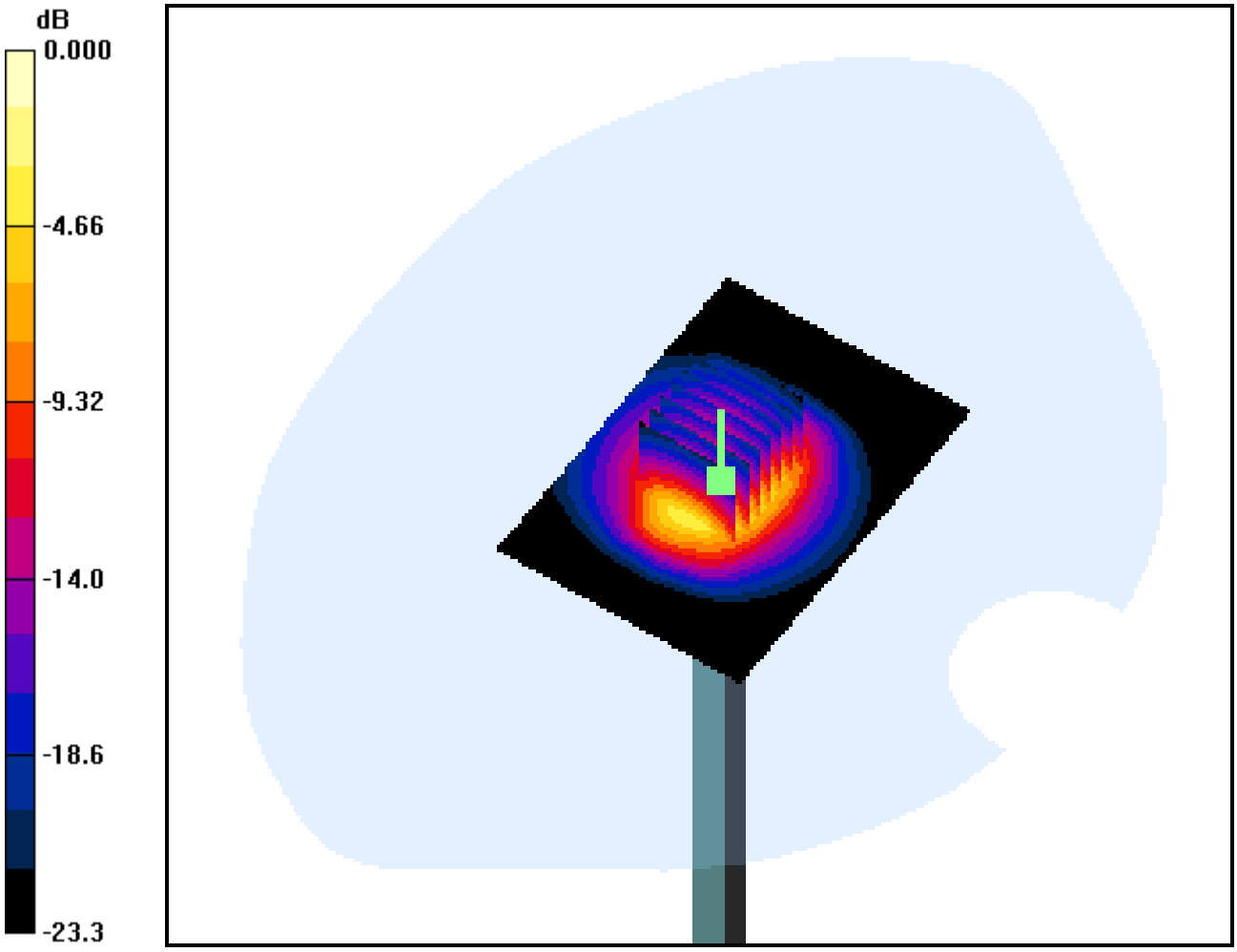
Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

Dipole Validation

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.021 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.09 mW/g



0 dB = 16.0mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2600 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

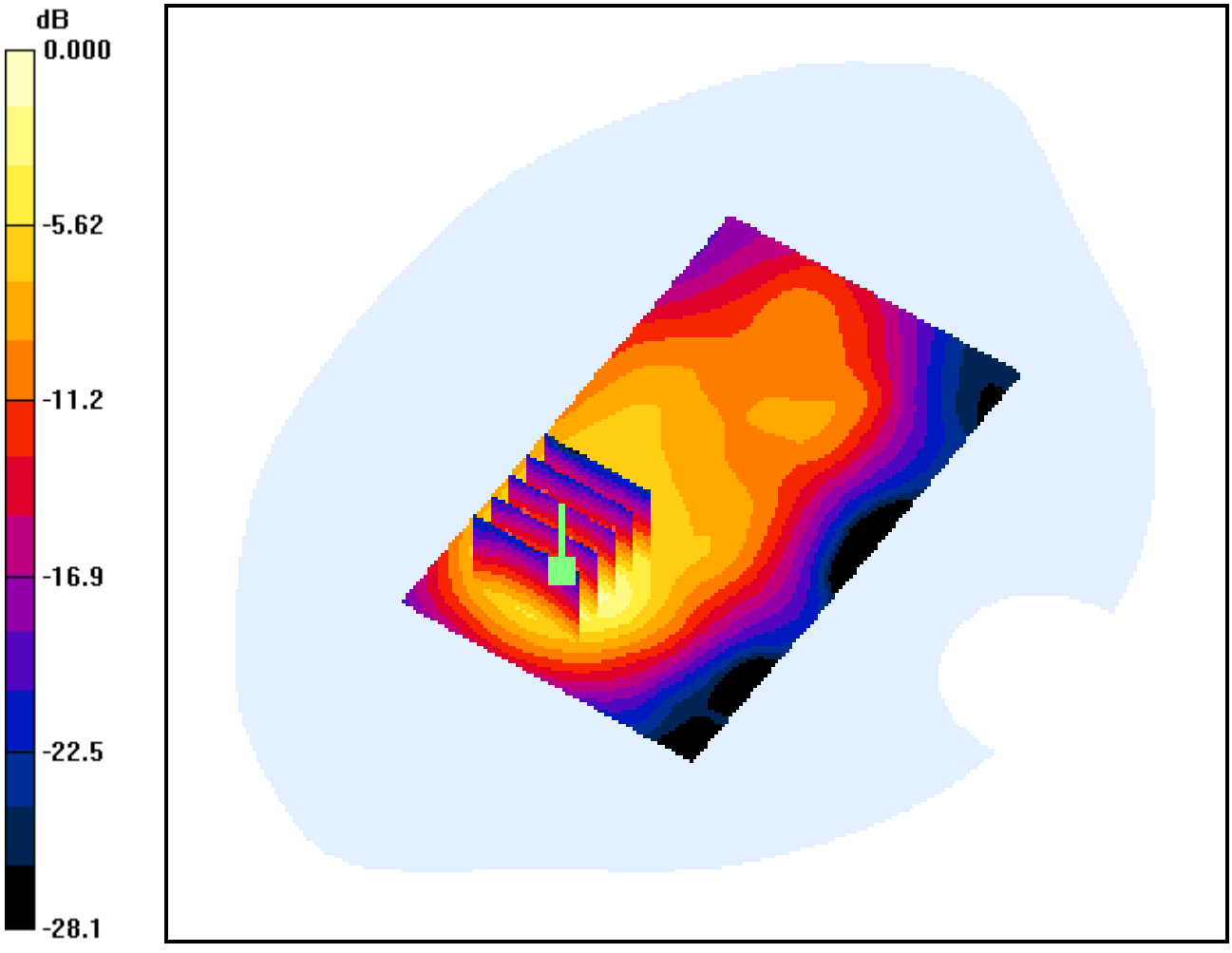
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, 16QAM AMC, Front

Area Scan (61x101x1): 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) = 1.26 W/kg
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.277 mW/g



0 dB = 0.835mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2600 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

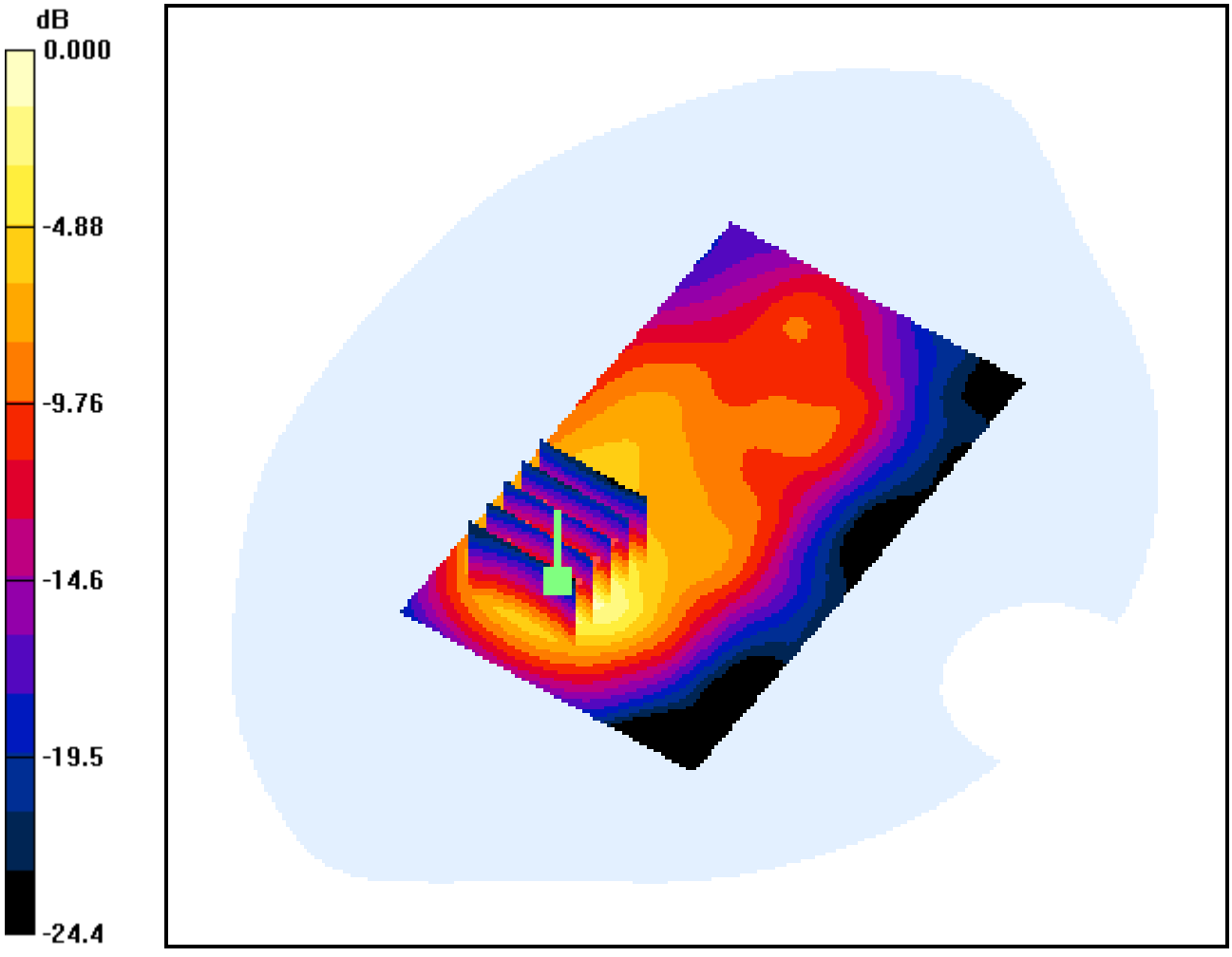
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 5M, QPSK AMC, Front

Area Scan (61x101x1): 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) = 1.24 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.276 mW/g



0 dB = 0.830mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2508.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2508.5 MHz; σ = 2.17 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

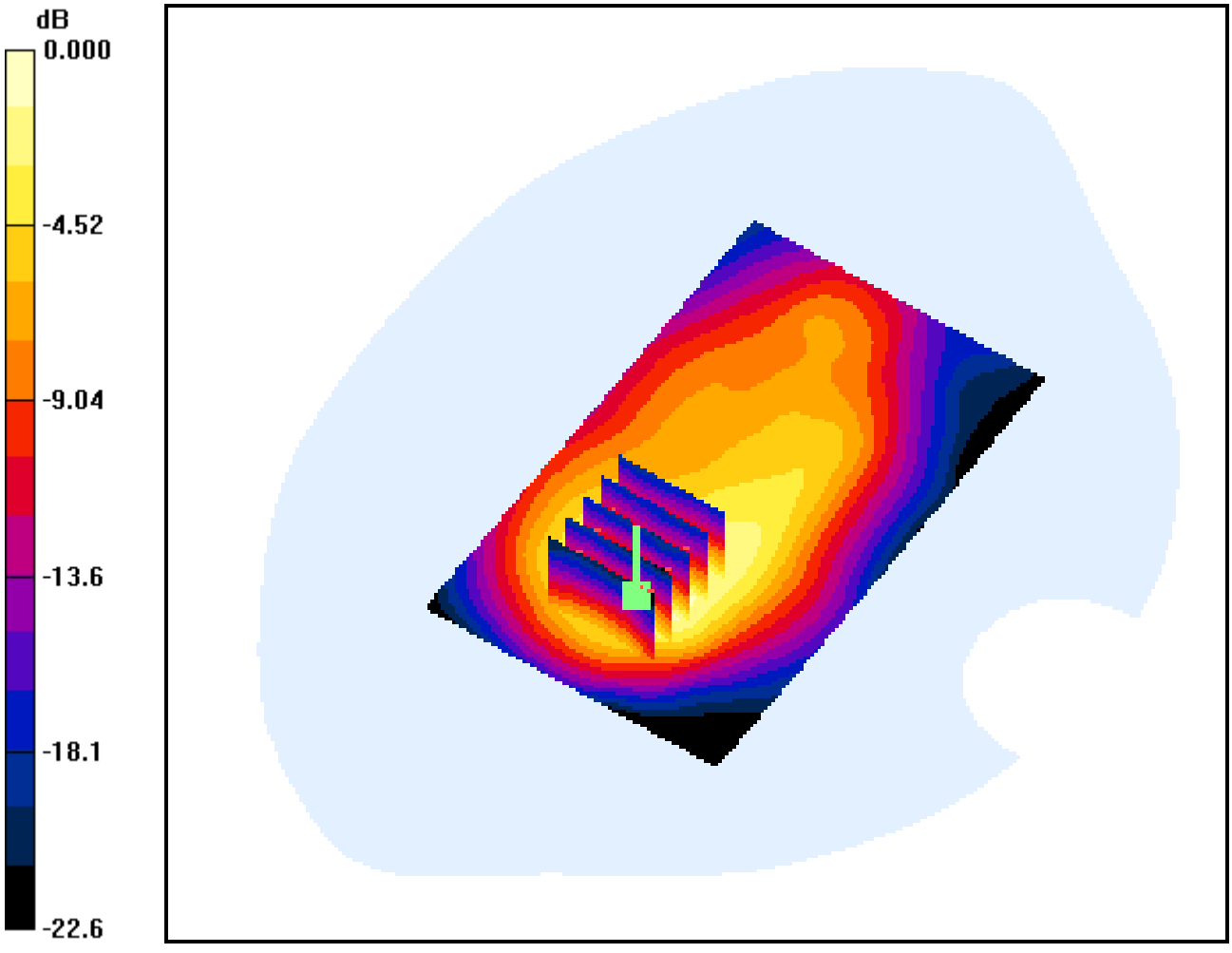
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. Low(2508.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.177 mW/g



0 dB = 0.476mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2600 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

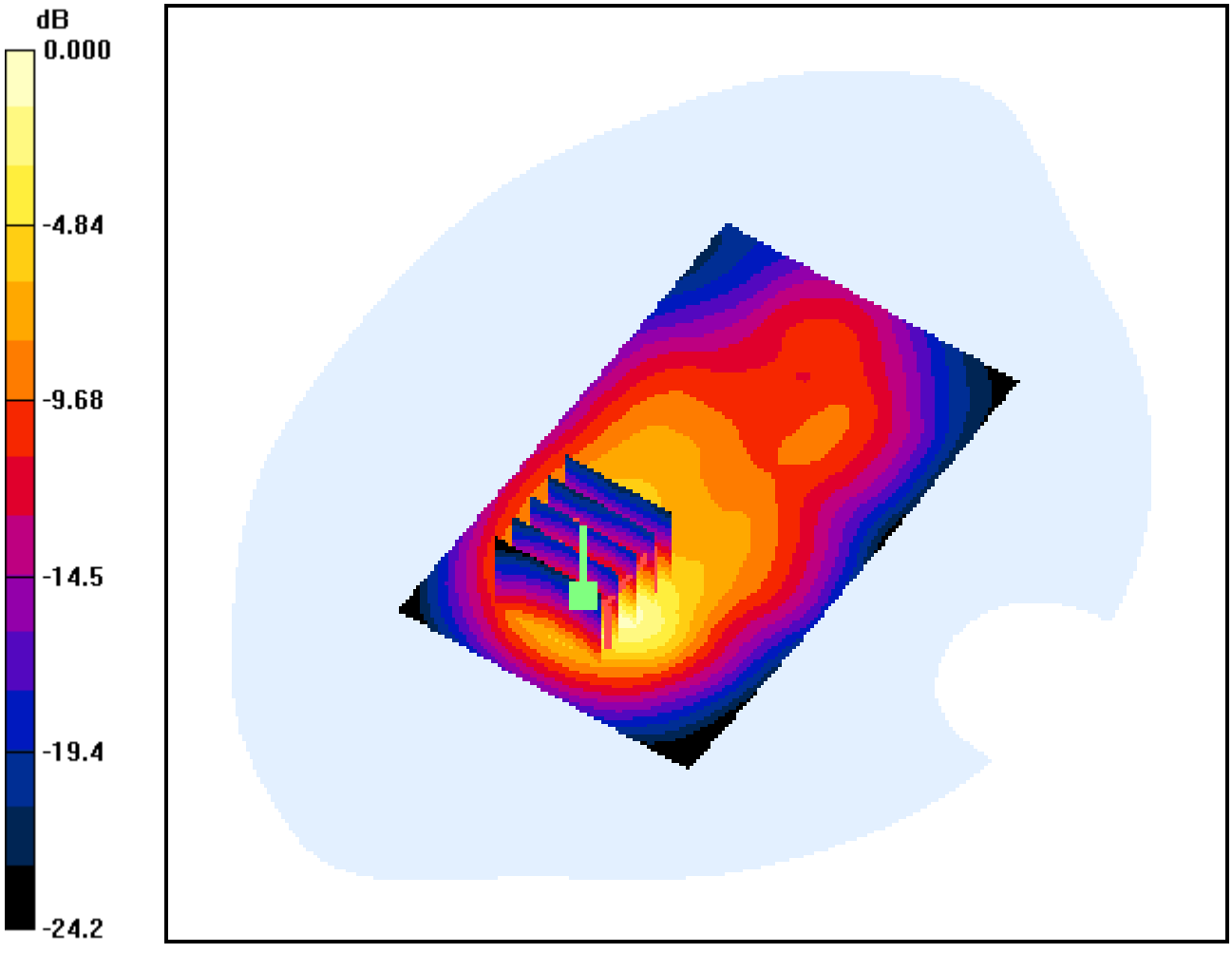
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.131 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.299 mW/g



0 dB = 0.920mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

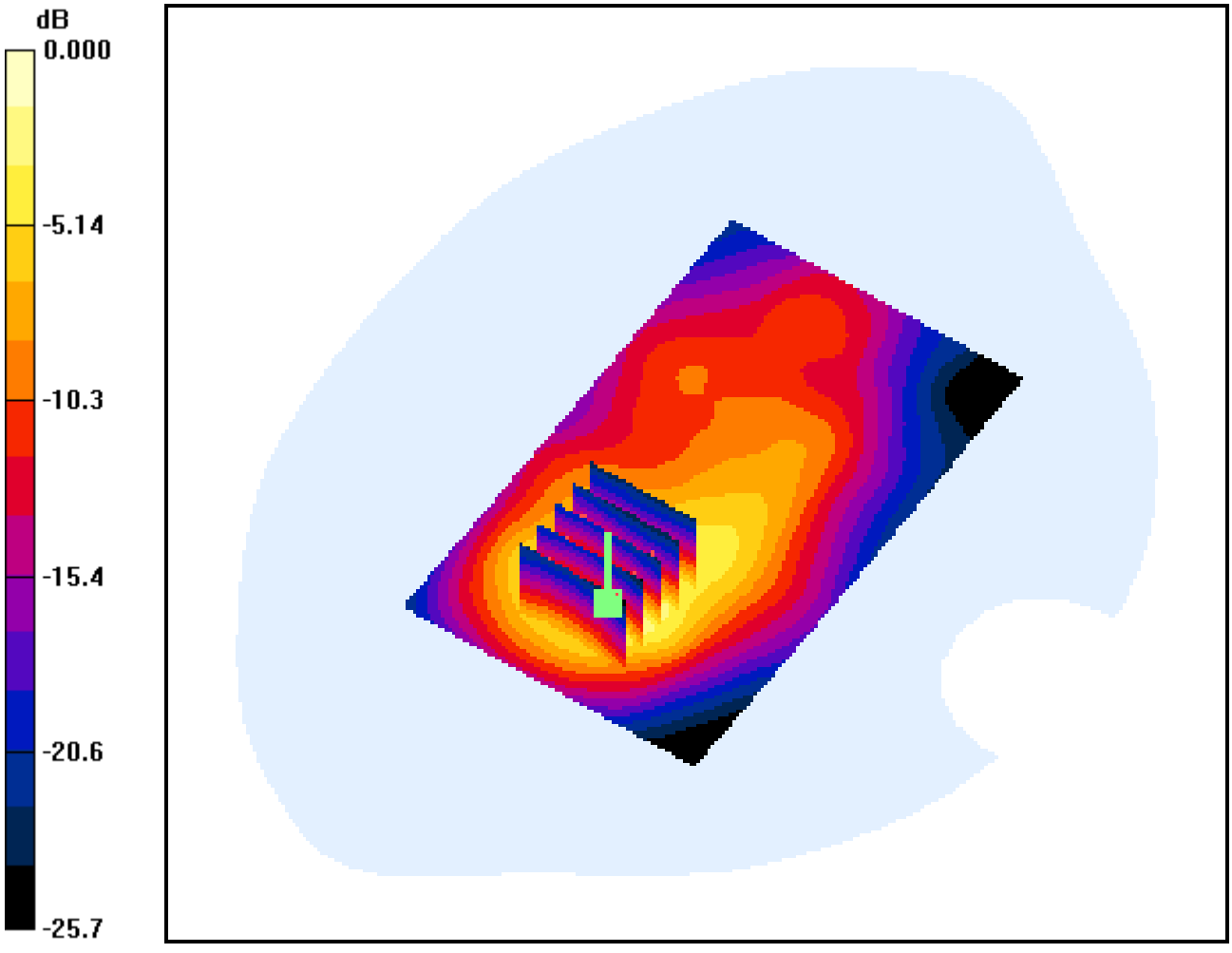
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.063 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.395 mW/g



0 dB = 1.29mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2600 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

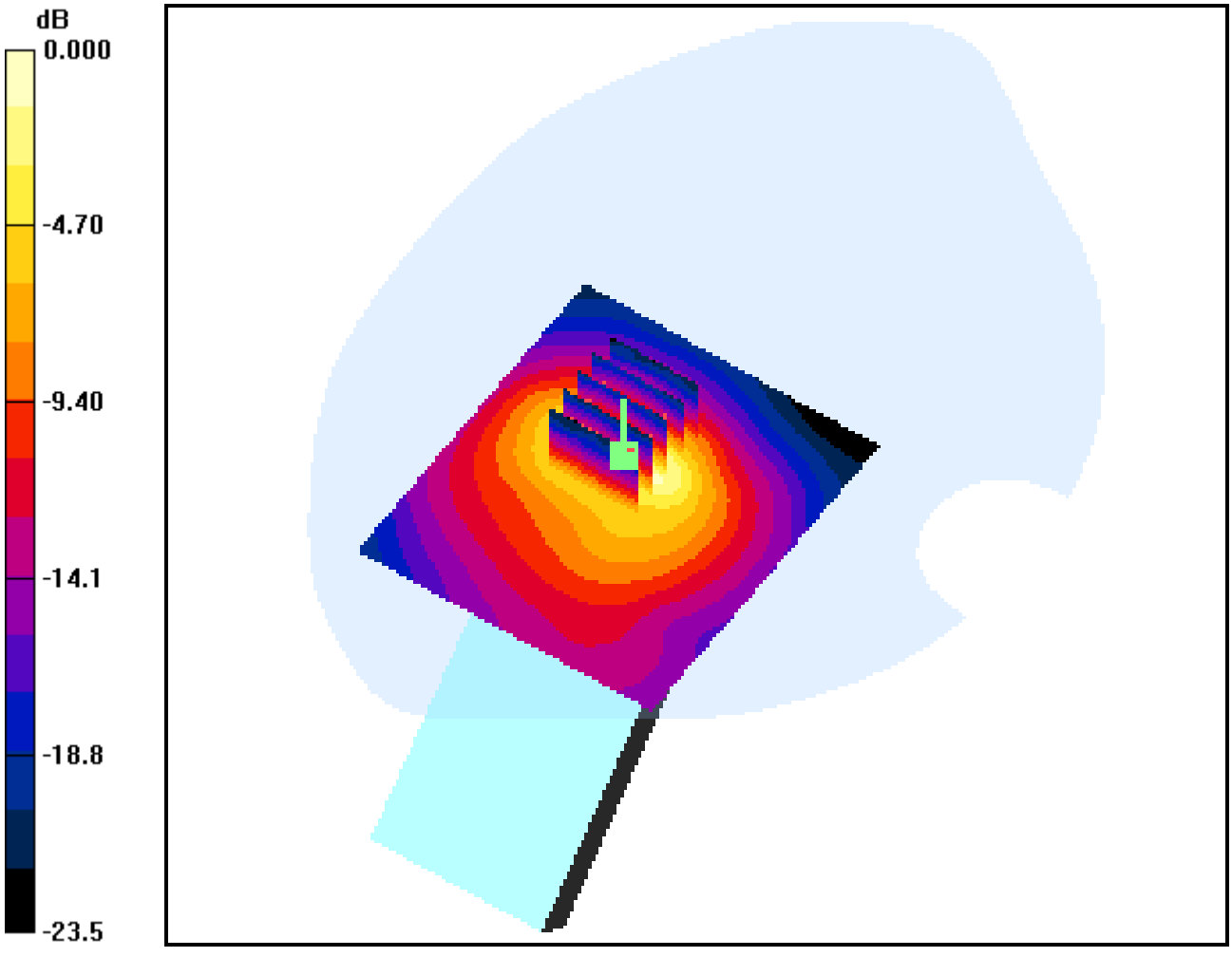
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwith 10M, 16QAM AMC, Front Curve

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.866 W/kg
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.195 mW/g



0 dB = 0.583mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2600 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2600 MHz; σ = 2.16 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

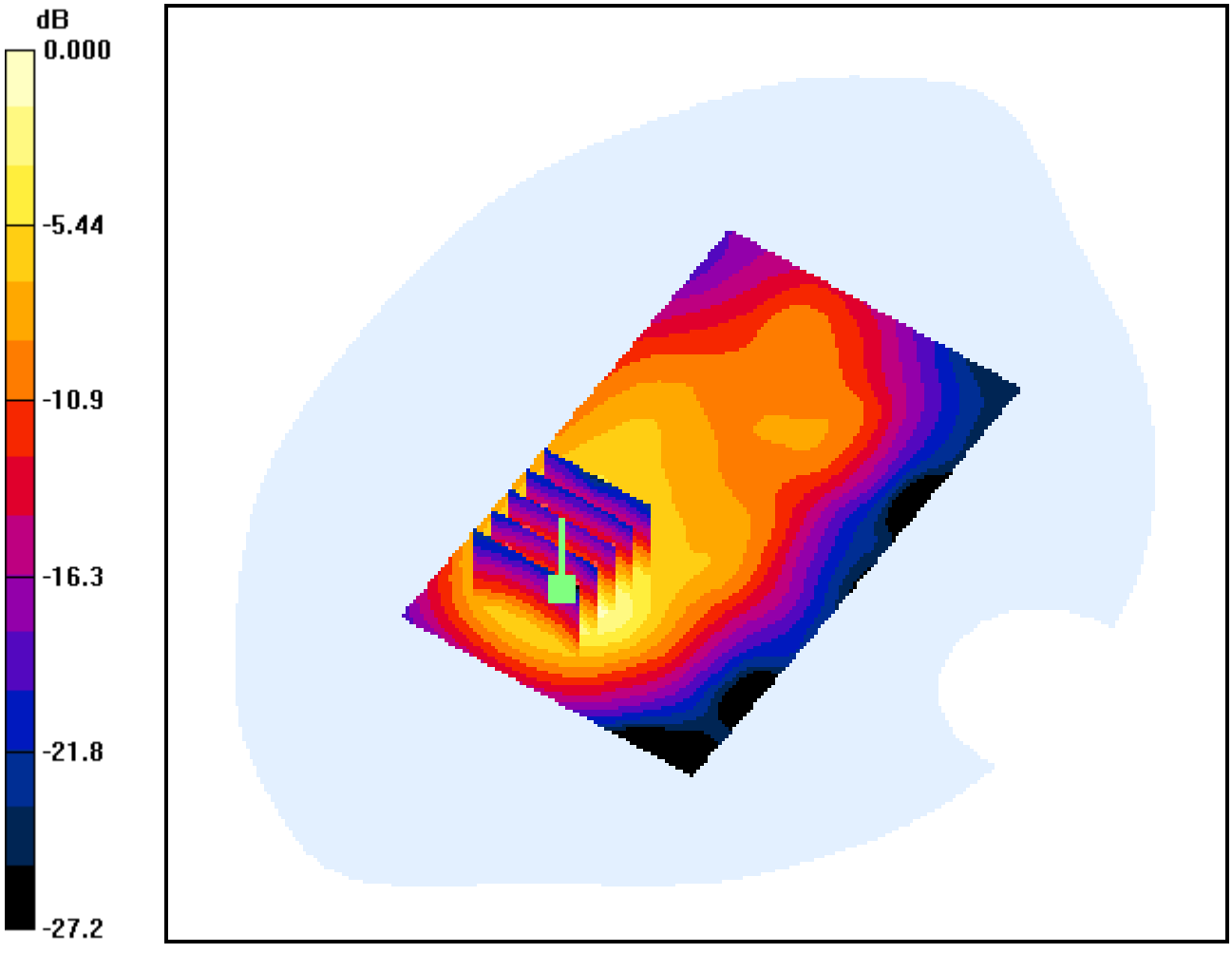
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. Mid(2600 MHz), Ant Internal

Mode : Bandwidth 10M, QPSK AMC, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.135 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.251 mW/g



0 dB = 0.761mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

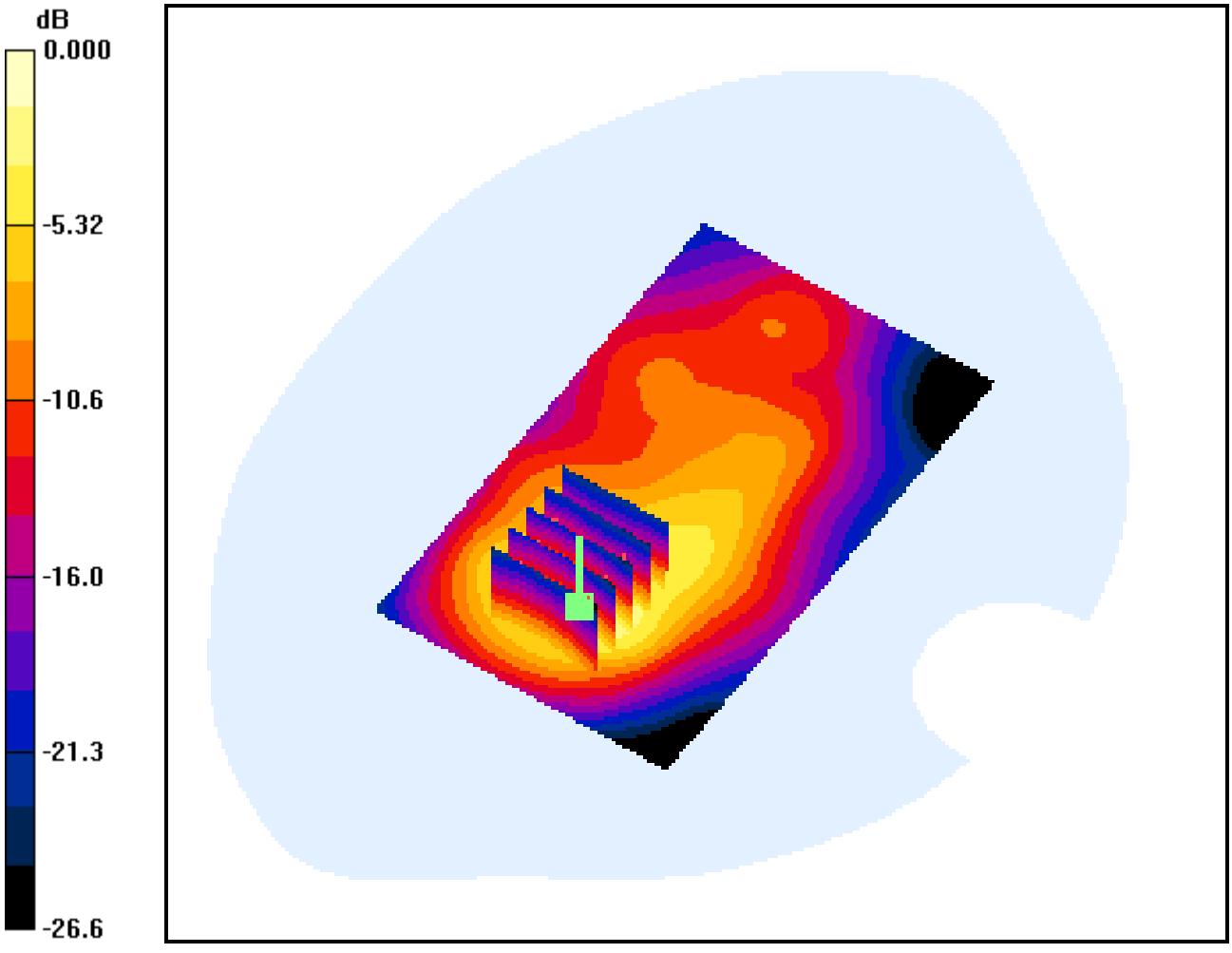
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM PUSC, Front

Area Scan (61x101x1): 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) = 1.86 W/kg
SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.362 mW/g



0 dB = 1.17mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

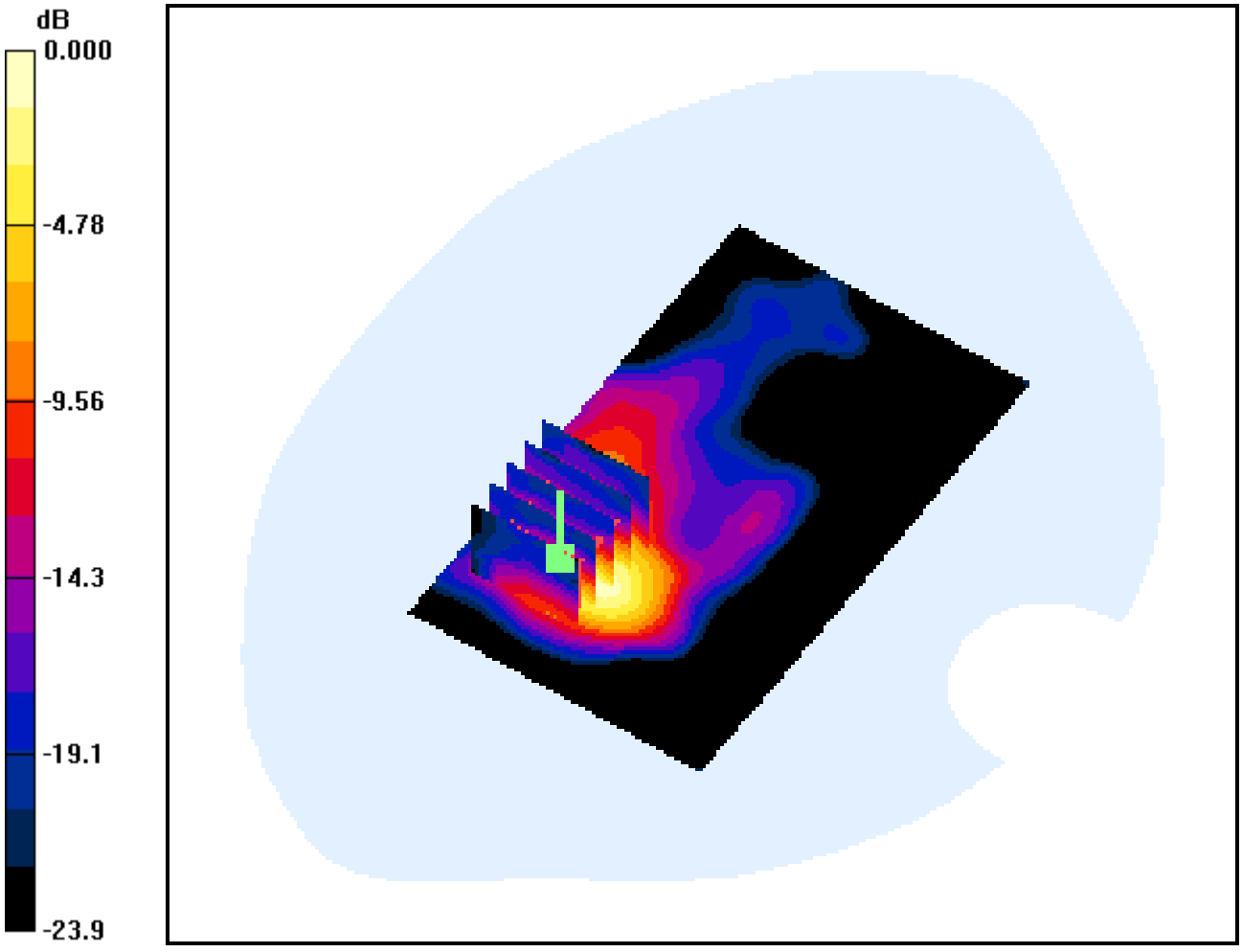
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch From Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, 12.5mW, Front

Area Scan (61x101x1): 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) = 0.357 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.058 mW/g



0 dB = 0.219mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

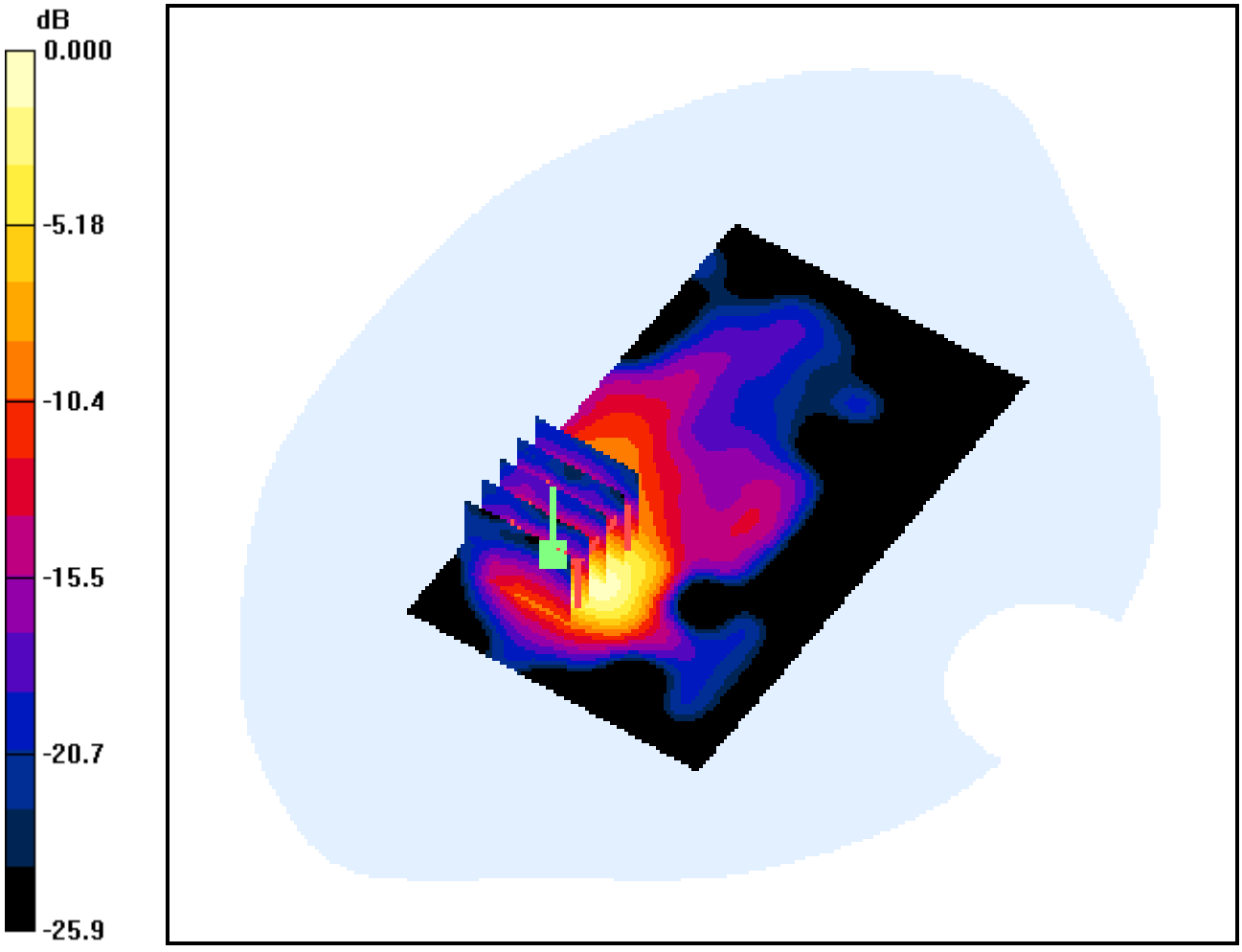
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch From Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, 25mW, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.241 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.110 mW/g



0 dB = 0.405mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

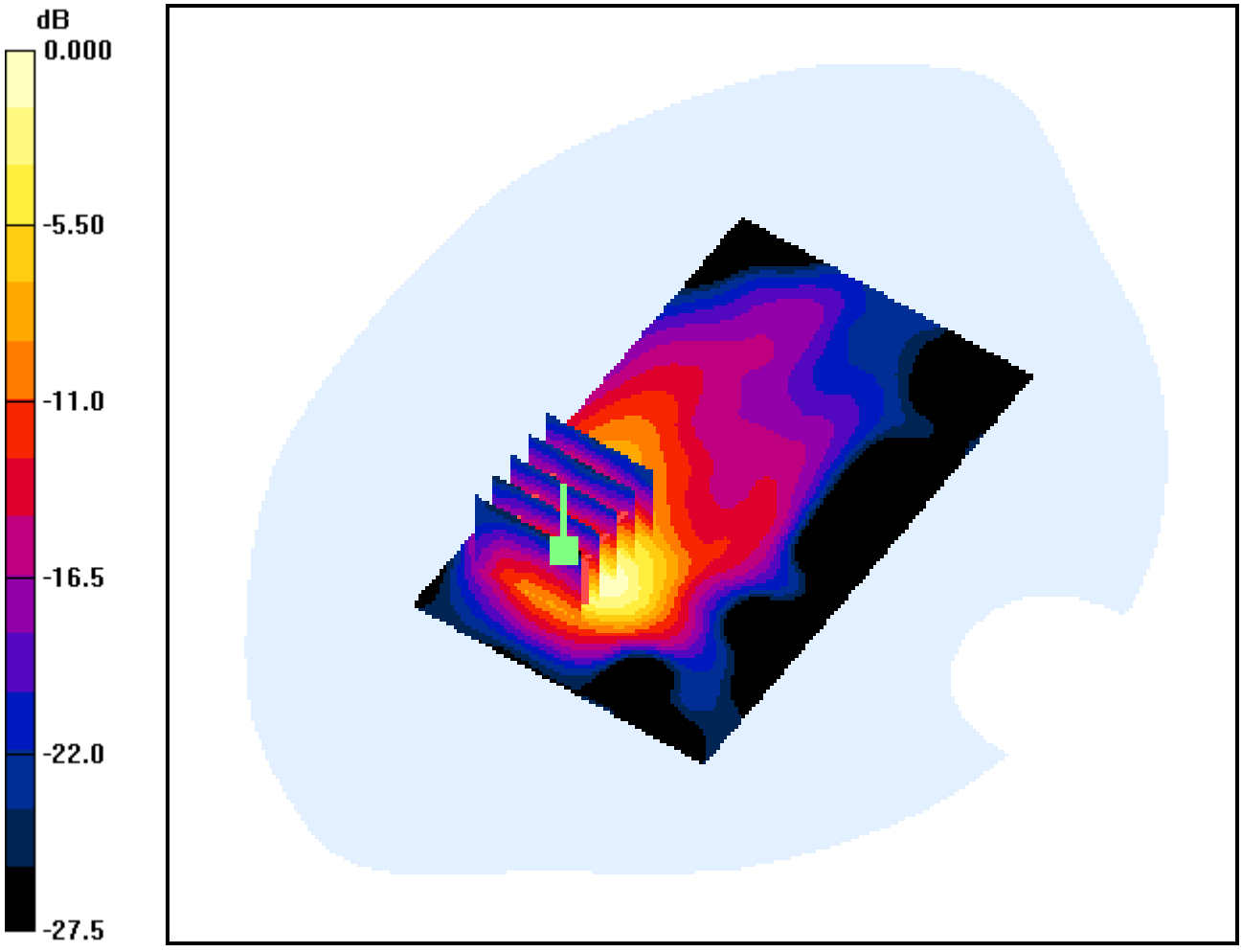
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch From Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, 50mW, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.386 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.240 mW/g



0 dB = 0.845mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

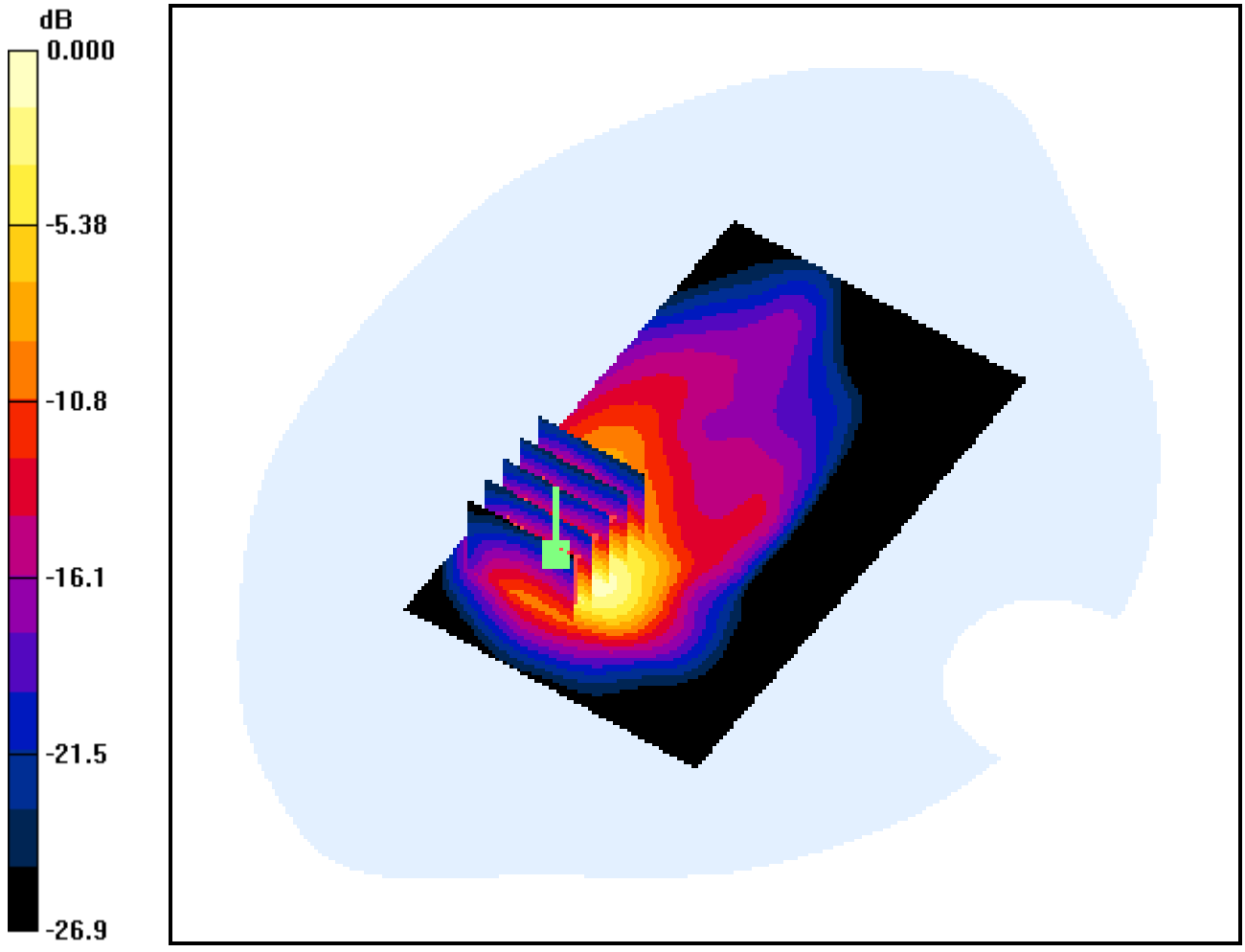
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch From Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, 100mW, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.186 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.441 mW/g



0 dB = 1.65mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

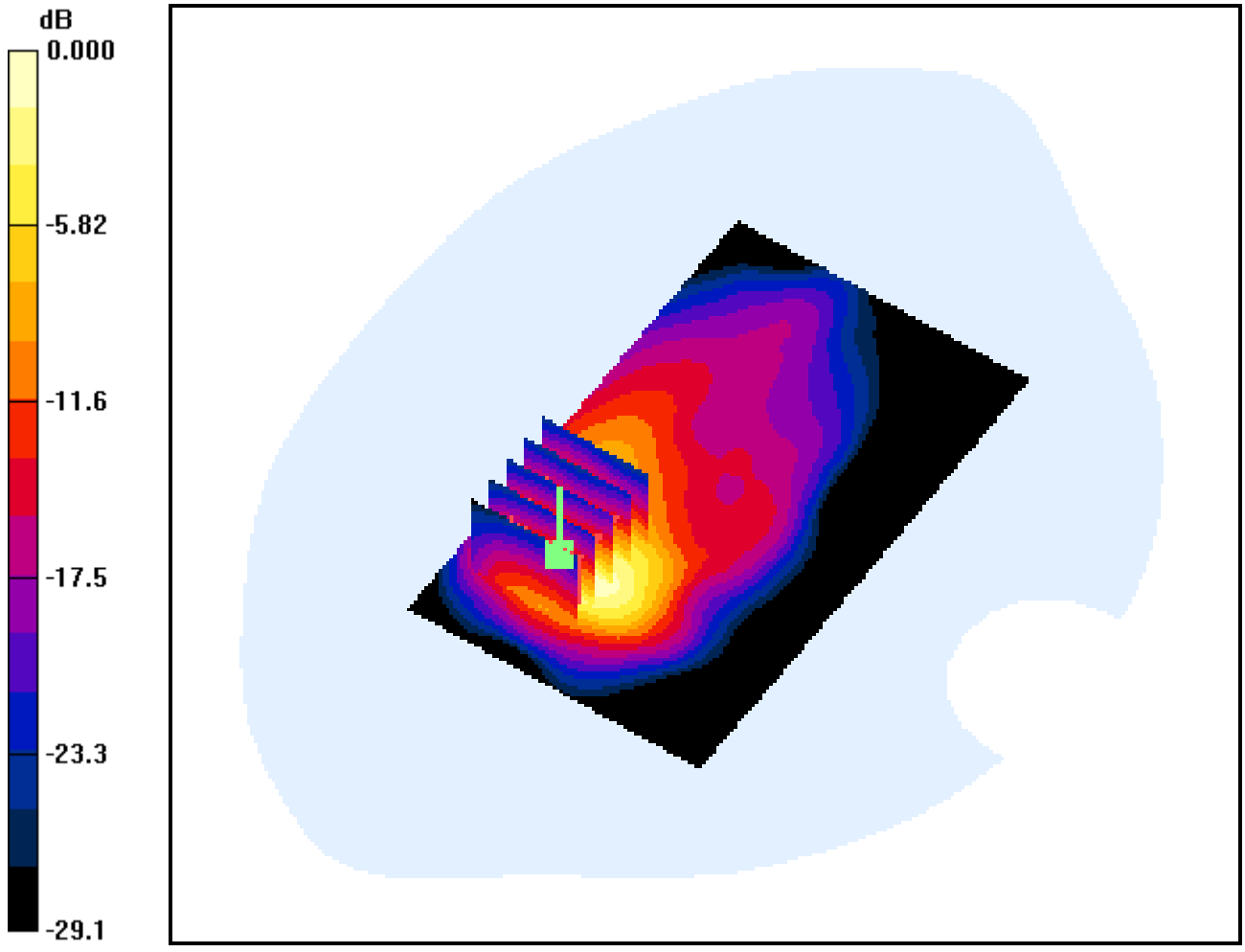
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch From Body, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, 200mW, Front

Area Scan (61x101x1): 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) = 5.22 W/kg
SAR(1 g) = 2.01 mW/g; SAR(10 g) = 0.827 mW/g



0 dB = 3.12mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

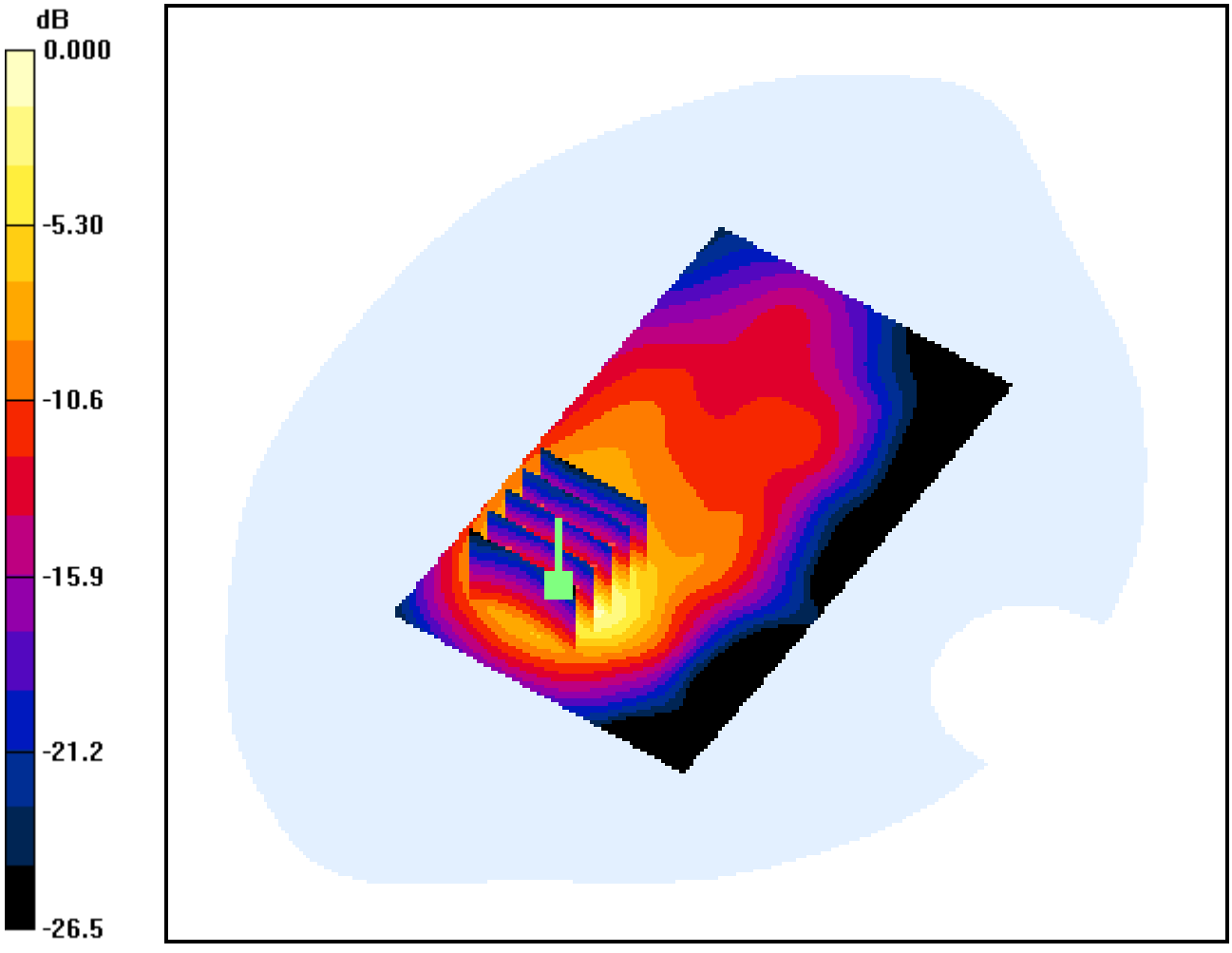
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. High(2683.5 MHz), Ant Internal

Mode : Bandwidth 10M, 16QAM AMC, Front

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.002 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.392 mW/g



0 dB = 1.31mW/g

DIGITAL EMC CO., LTD

DUT: IMW-C610W; Type: CPE

Communication System: FCC_Wimax; Frequency: 2683.5 MHz;Duty Cycle: 1:3.21
Medium parameters used: f = 2683.5 MHz; σ = 2.15 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

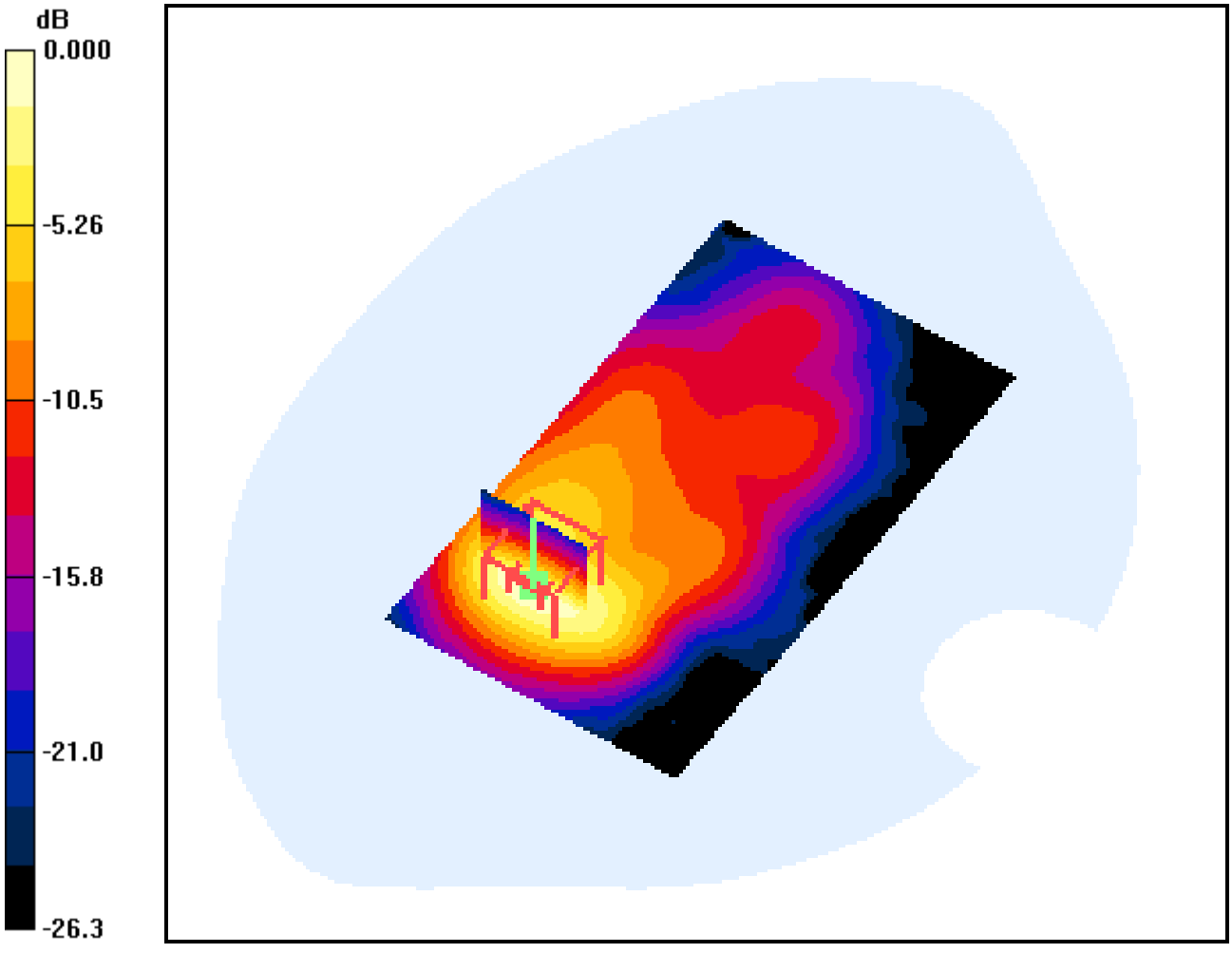
DASY4 Configuration:
Probe: EX3DV4 - SN3643; ConvF(7.25, 7.25, 7.25); Calibrated: 2010-01-26; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2010-07-21; Ambient Temp: 22.5; Tissue Temp: 23.0

1cm Space, WiMAX Ch. High(2683.5 MHz), Ant Internal

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

Area Scan (181x311x1): Measurement grid: dx=5mm, dy=5mm
Zoom Scan (9x9x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Power Drift = -0.125 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.395 mW/g



0 dB = 1.33mW/g