DIGITAL EMC CO., LTD

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

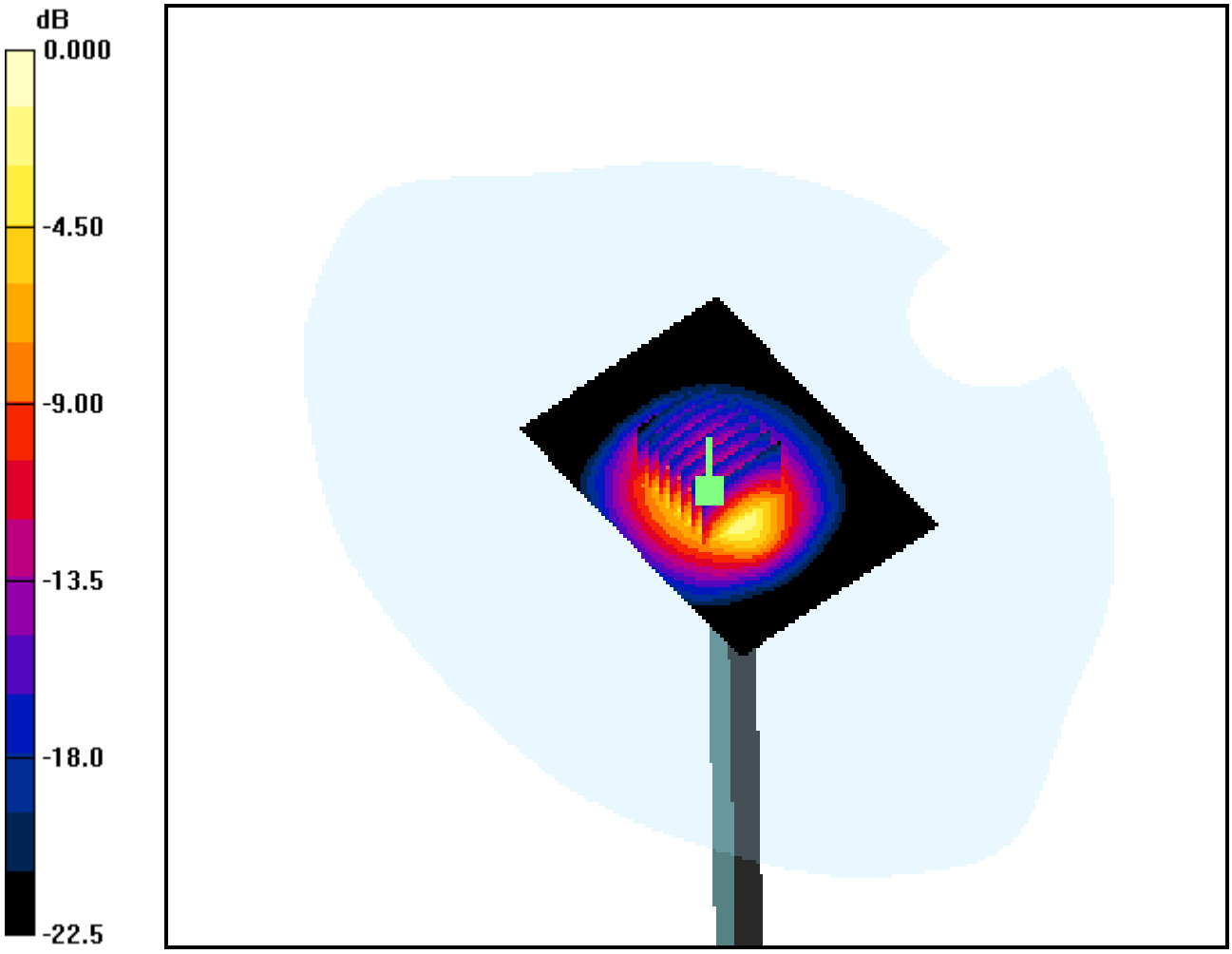
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.87 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.51, 4.51, 4.51); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

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 = -0.022 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.8 mW/g



0 dB = 14.2mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

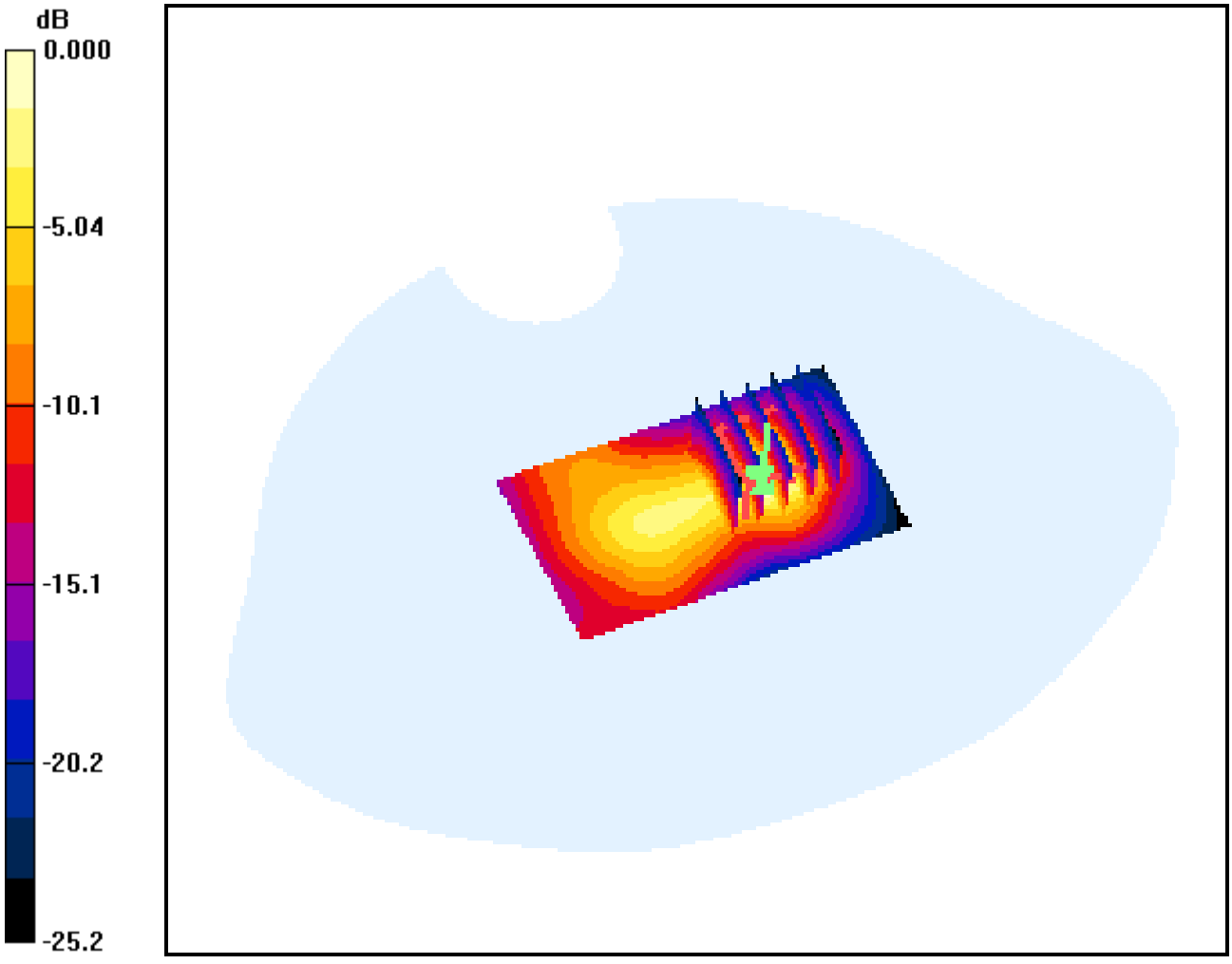
Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.92 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

4mm from Body, Freq = 2402MHz Ch.0, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.042 dB
Peak SAR (extrapolated) = 2.41 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.332 mW/g



0 dB = 0.916mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

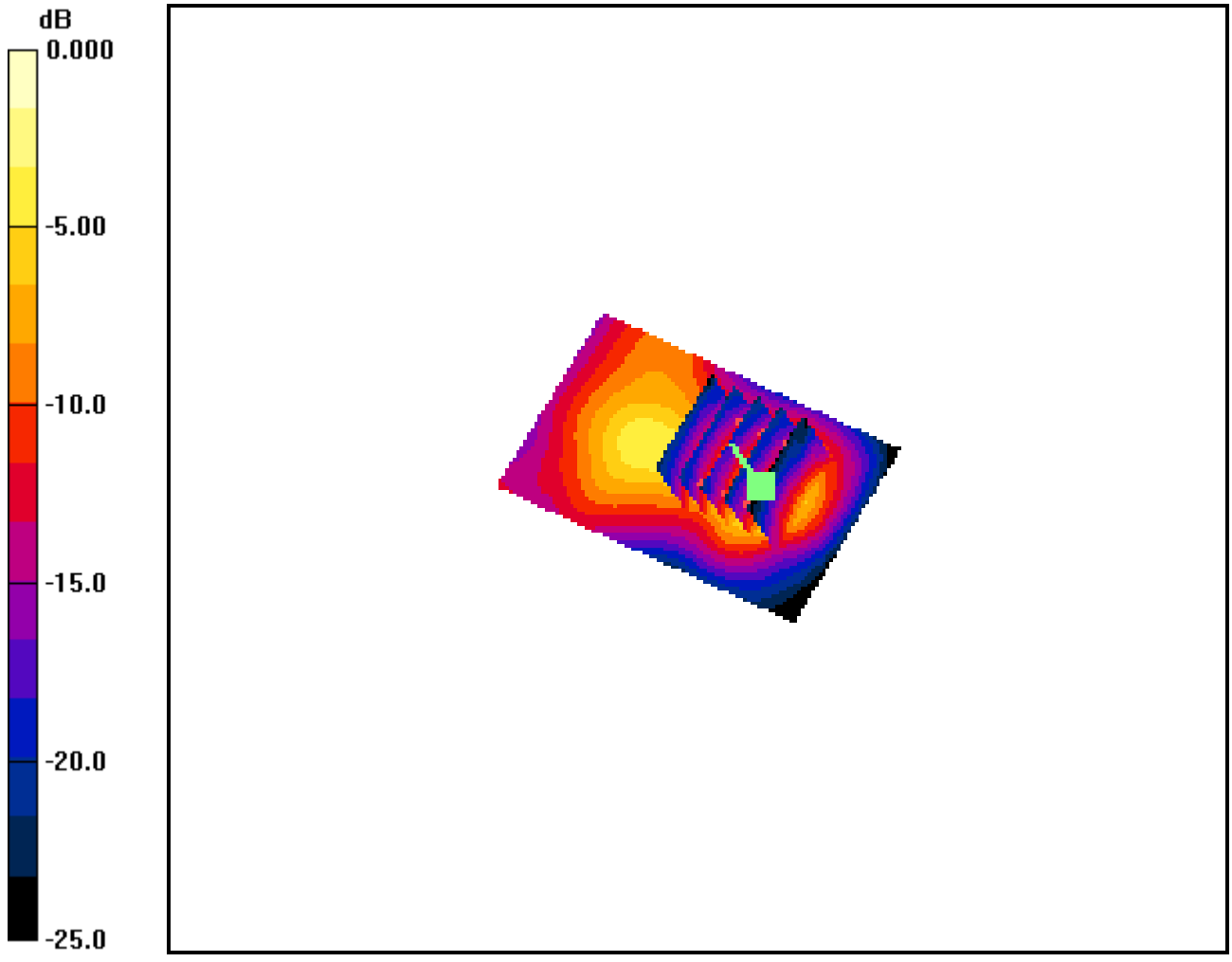
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 2 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

4mm from Body, Freq = 2441MHz Ch.39, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.034 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.299 mW/g



0 dB = 0.825mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

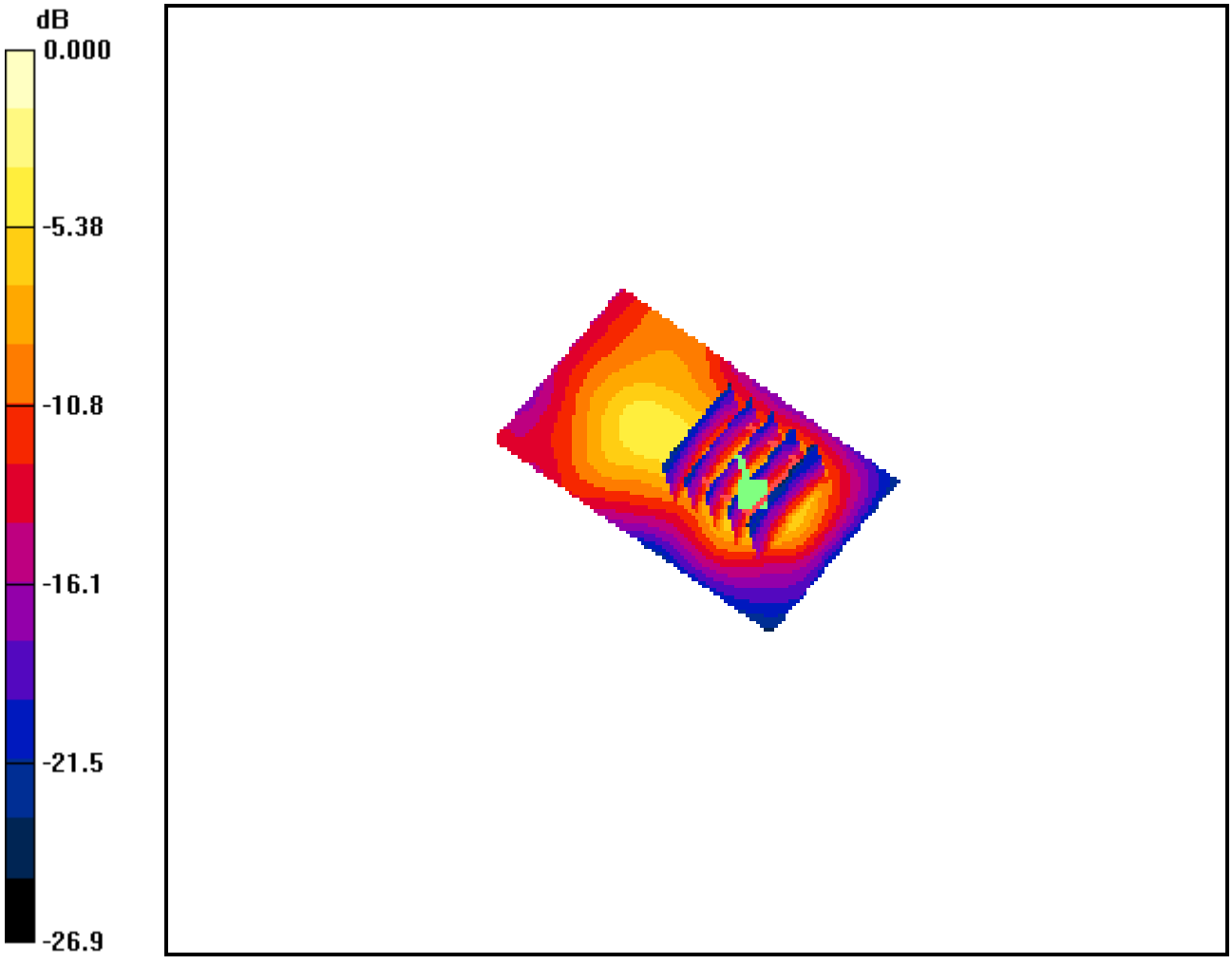
Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 2.02 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

4mm from Body, Freq = 2480MHz Ch.78, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.084 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.275 mW/g



0 dB = 0.765mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

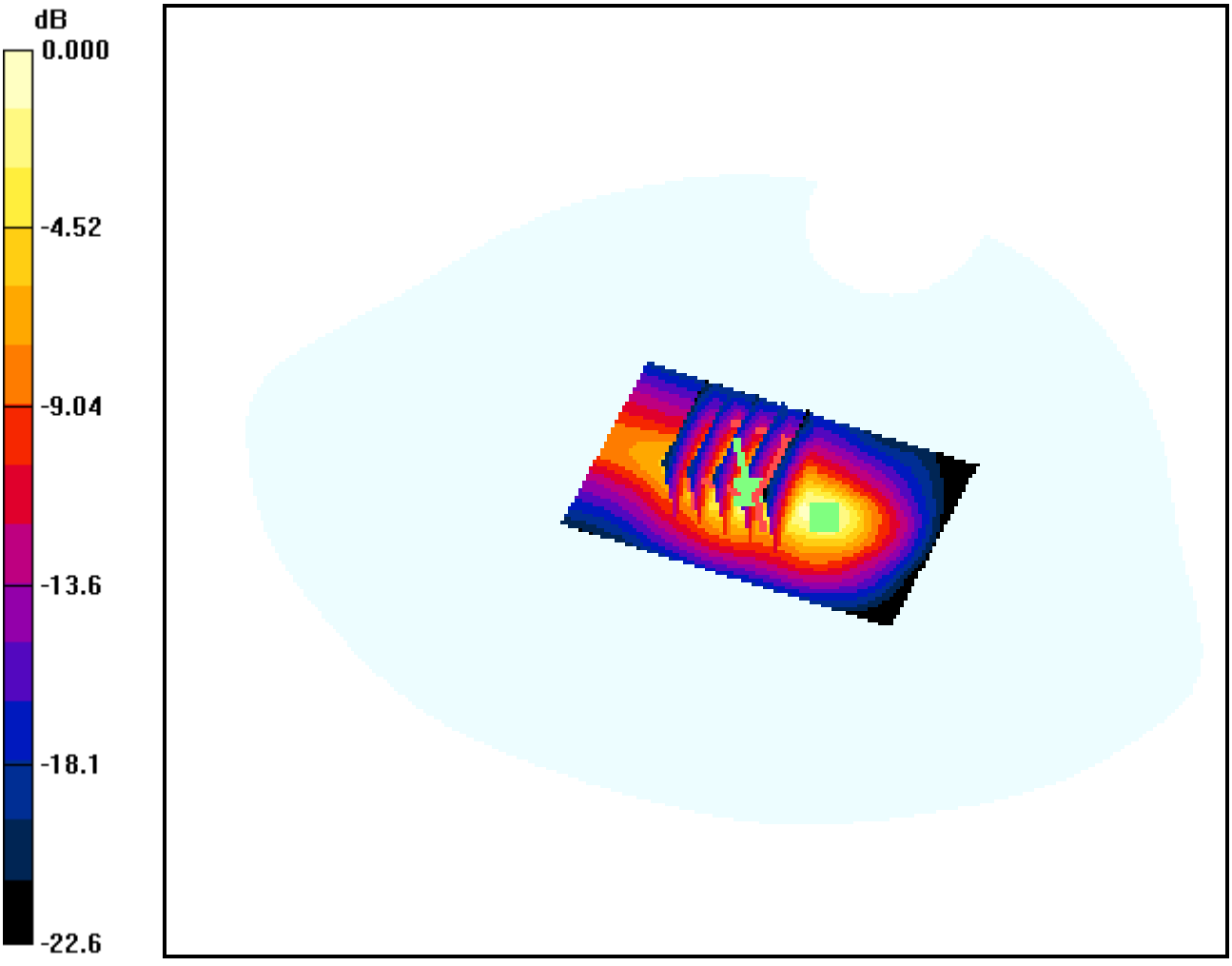
Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.92 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2402MHz Ch.0, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.010 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.395 mW/g



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

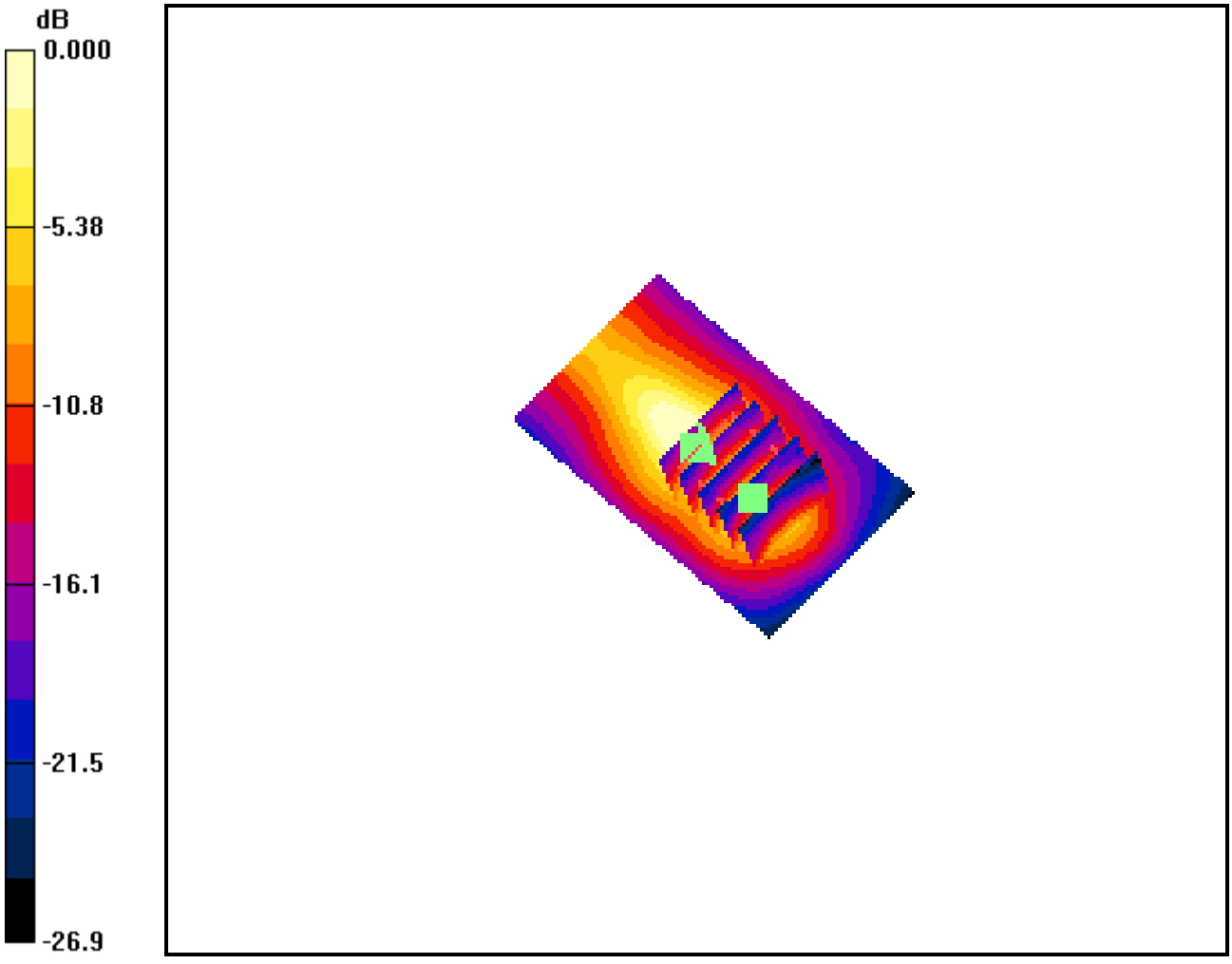
Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.92 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2402MHz Ch.0, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.297 mW/g



0 dB = 0.835mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

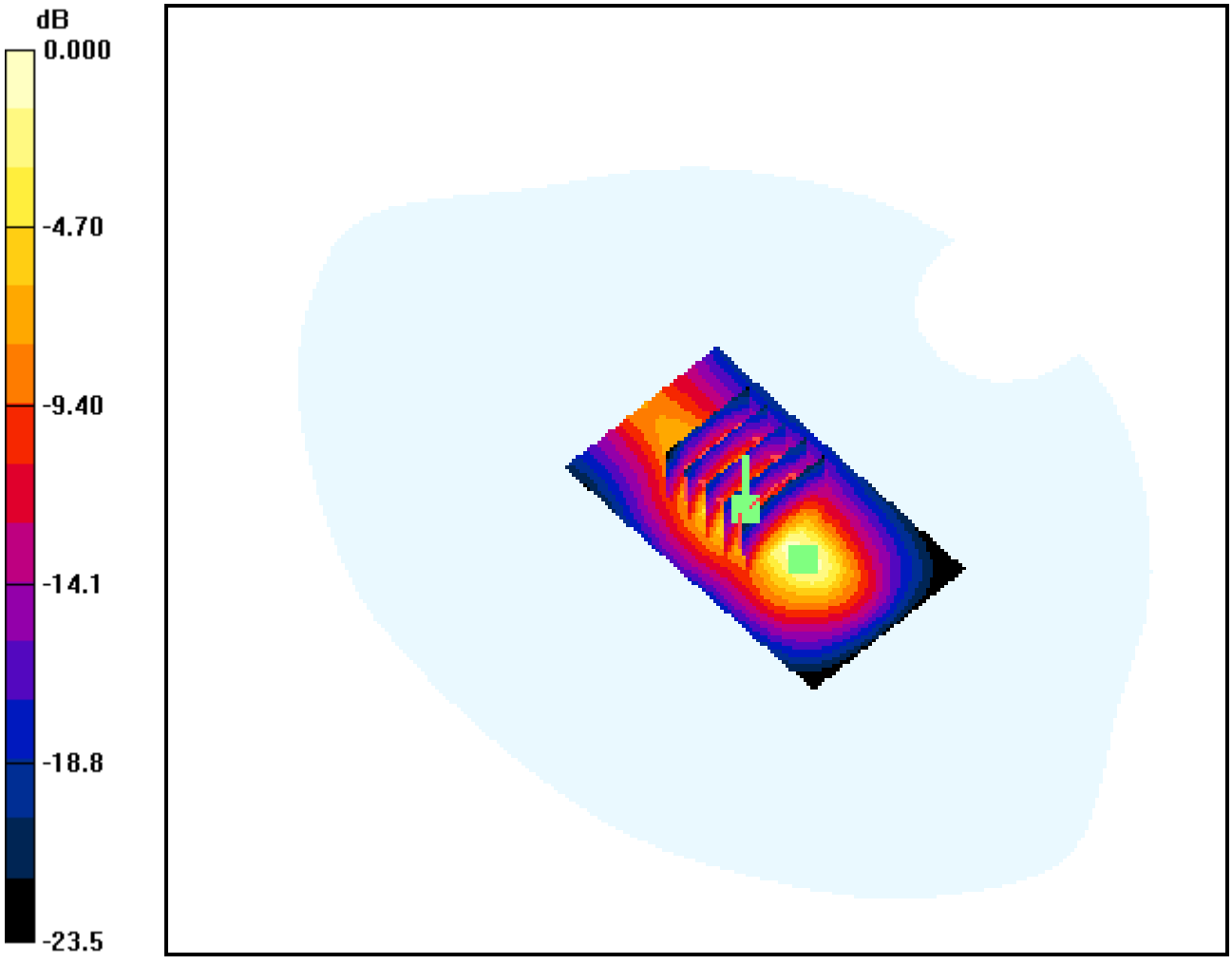
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 2 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2441MHz Ch.39, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): 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) = 2.17 W/kg
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.347 mW/g



0 dB = 0.876mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

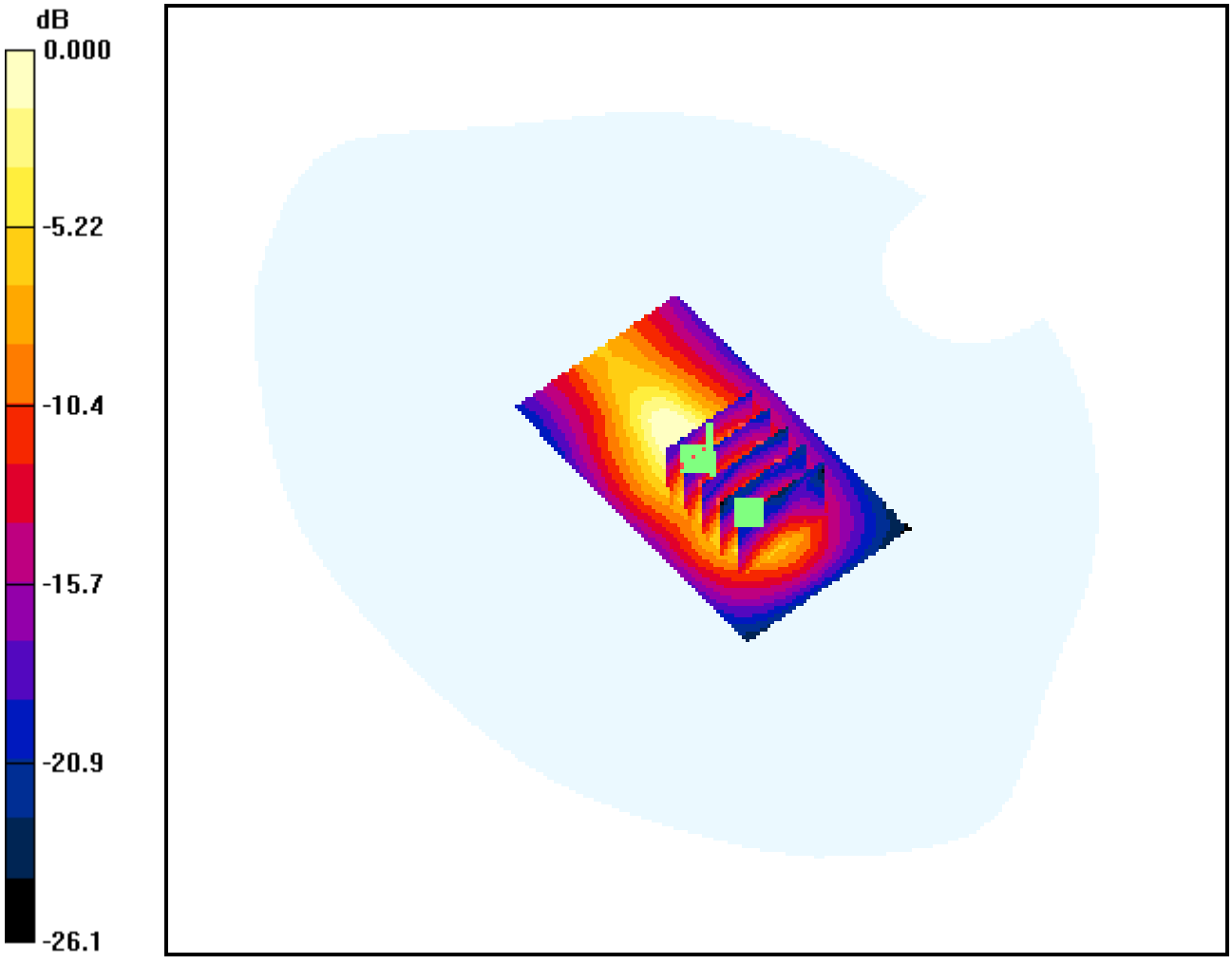
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 2 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2441MHz Ch.39, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.033 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.255 mW/g



0 dB = 0.698mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

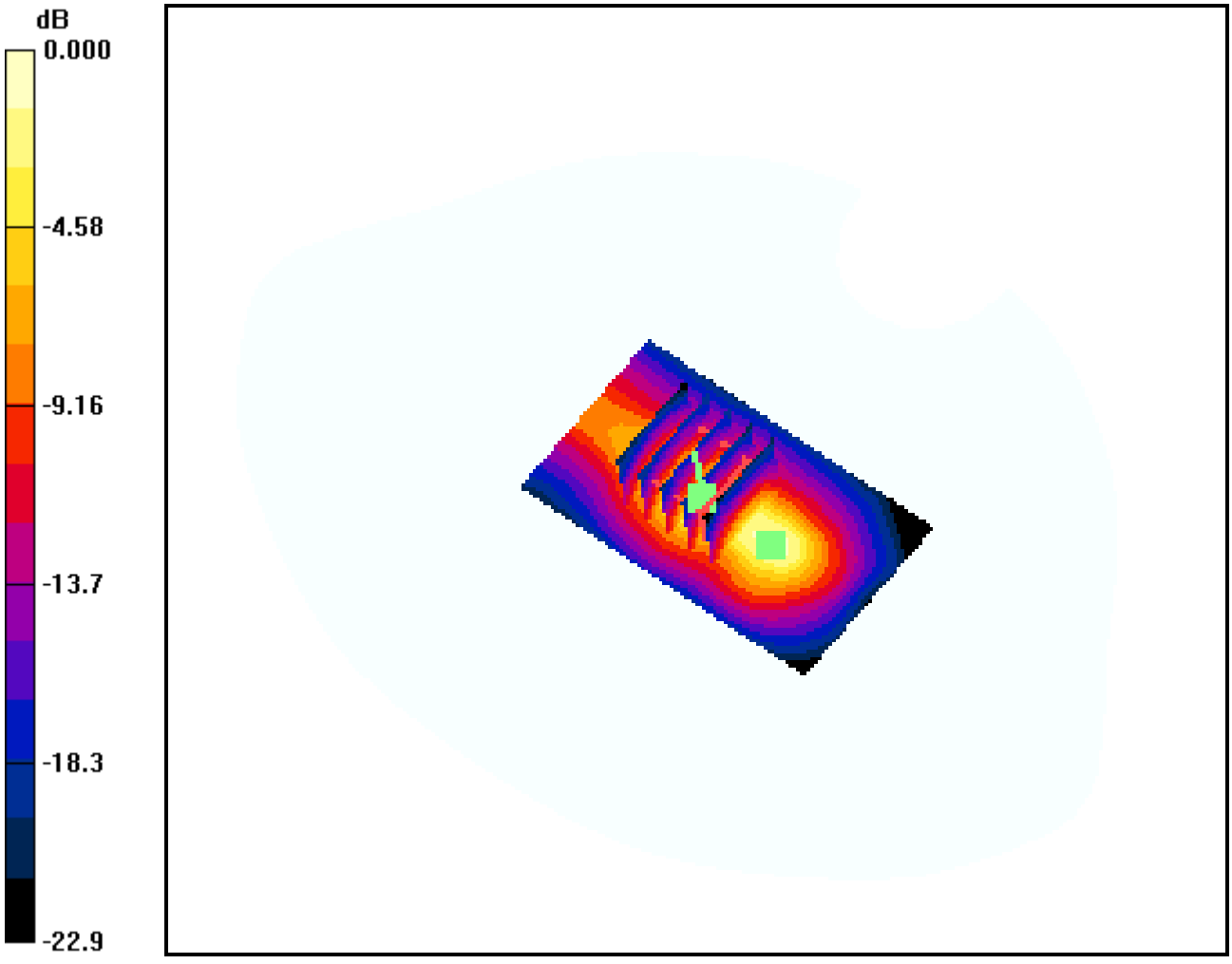
Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 2.02 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2480MHz Ch.78, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): 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) = 1.96 W/kg
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.311 mW/g



0 dB = 0.805mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

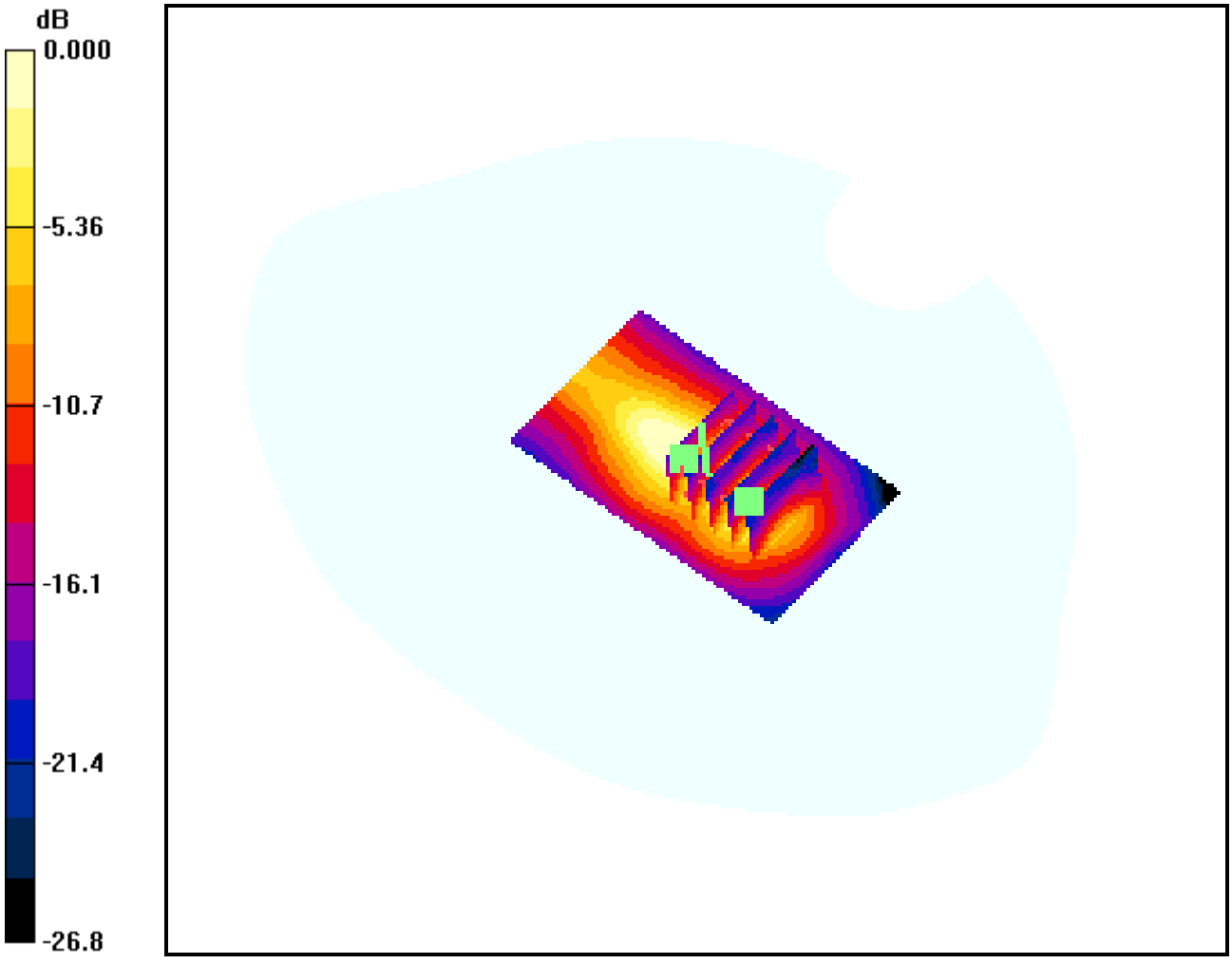
Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 2.02 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2480MHz Ch.78, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.027 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.230 mW/g



0 dB = 0.633mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

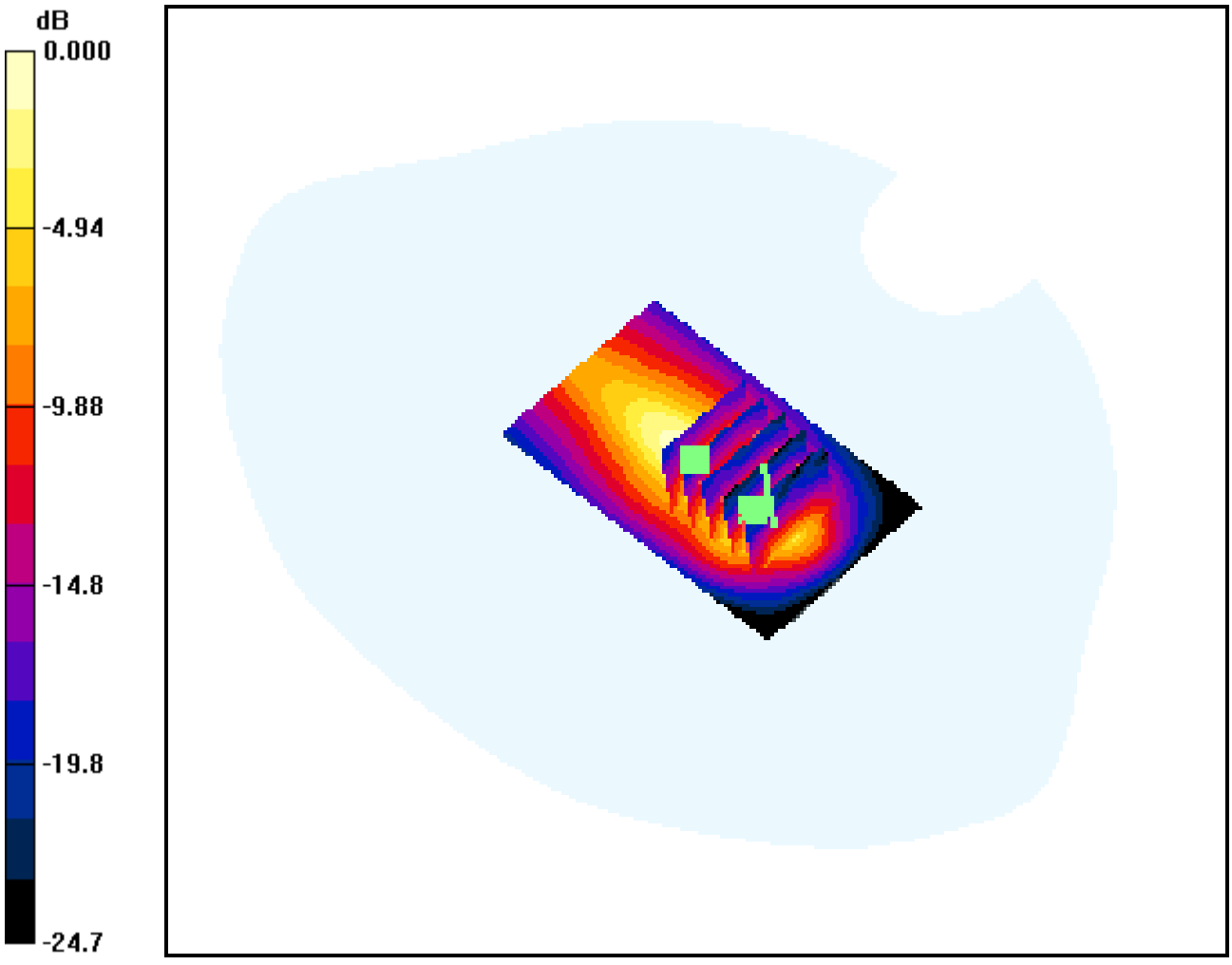
Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.92 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2402MHz Ch.0, Left_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): 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) = 2.47 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.267 mW/g



0 dB = 0.748mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

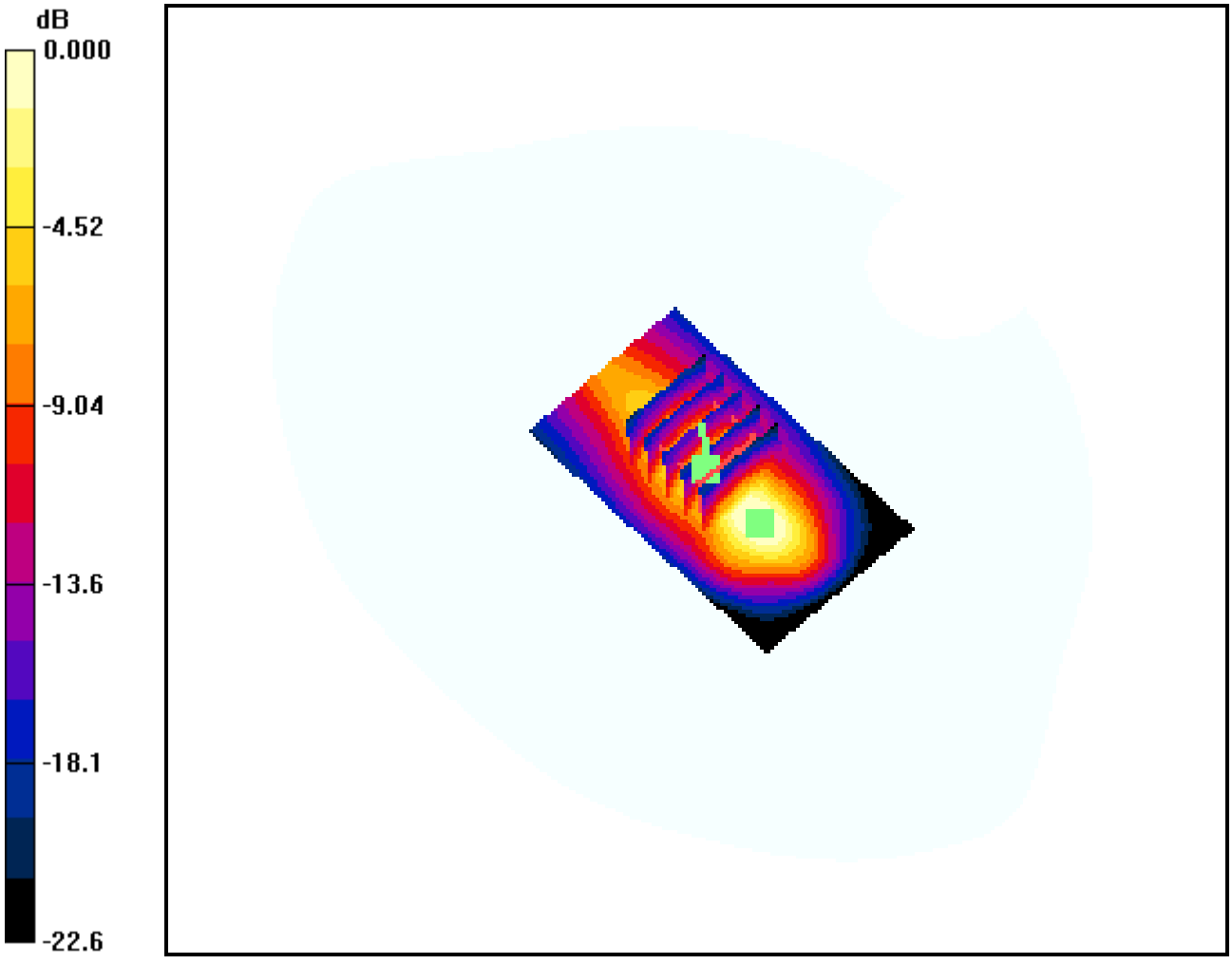
Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.92 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2402MHz Ch.0, Left_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): 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) = 1.63 W/kg
SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.289 mW/g



0 dB = 0.711mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

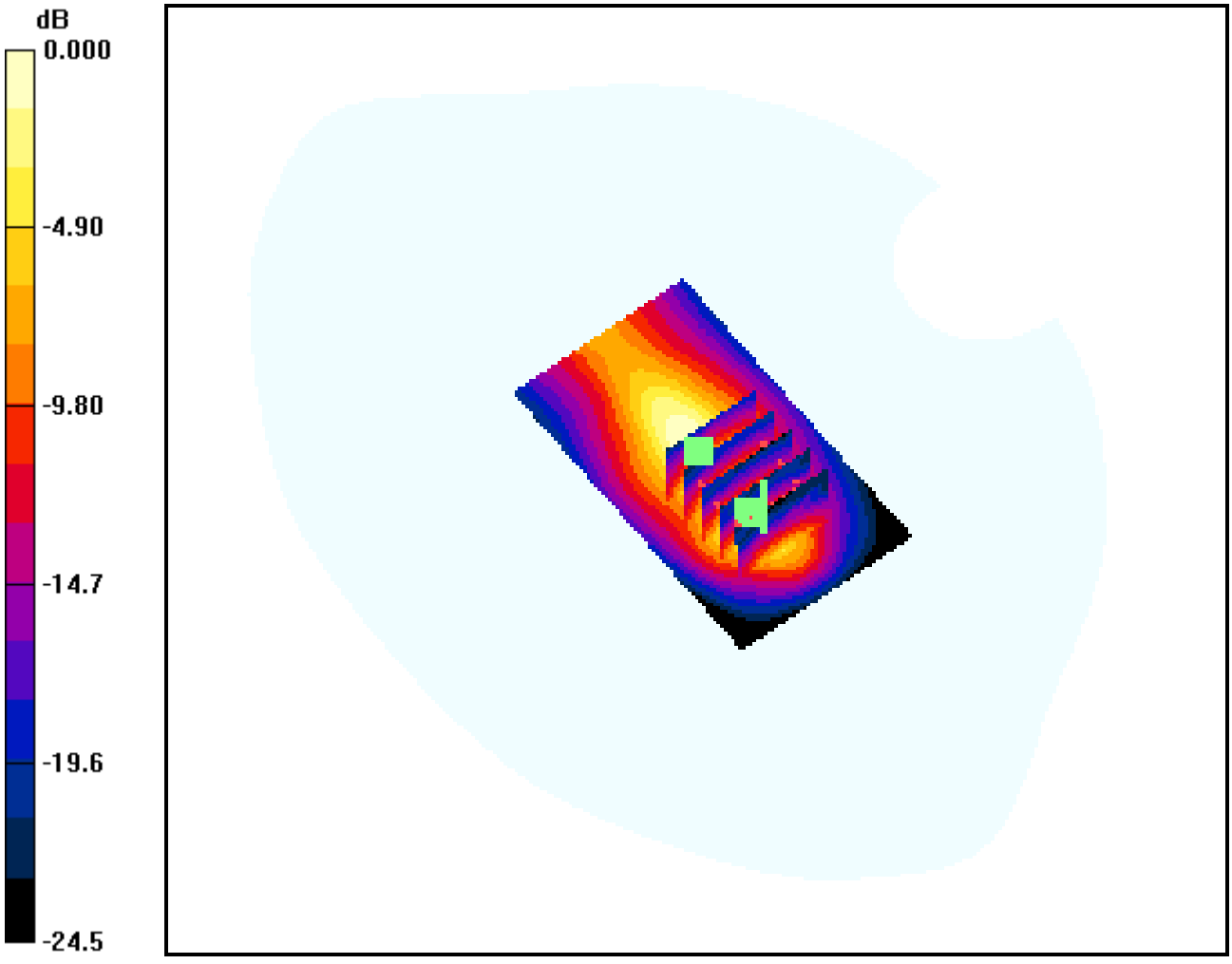
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 2 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2441MHz Ch.39, Left_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): 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) = 2.23 W/kg
SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.225 mW/g



0 dB = 0.669mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

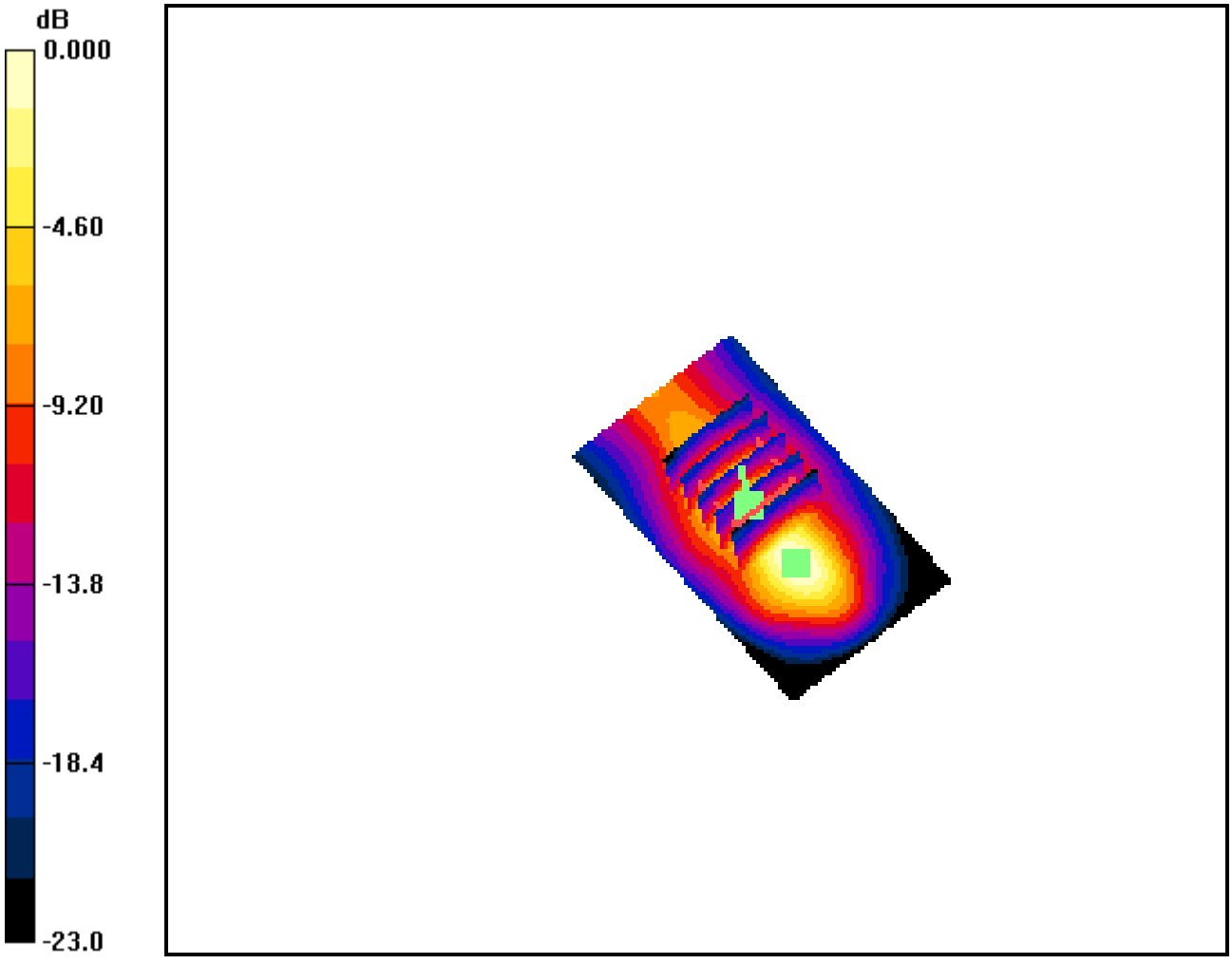
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2441 MHz; σ = 2 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2441MHz Ch.39, Left_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.049 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.276 mW/g



0 dB = 0.702mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

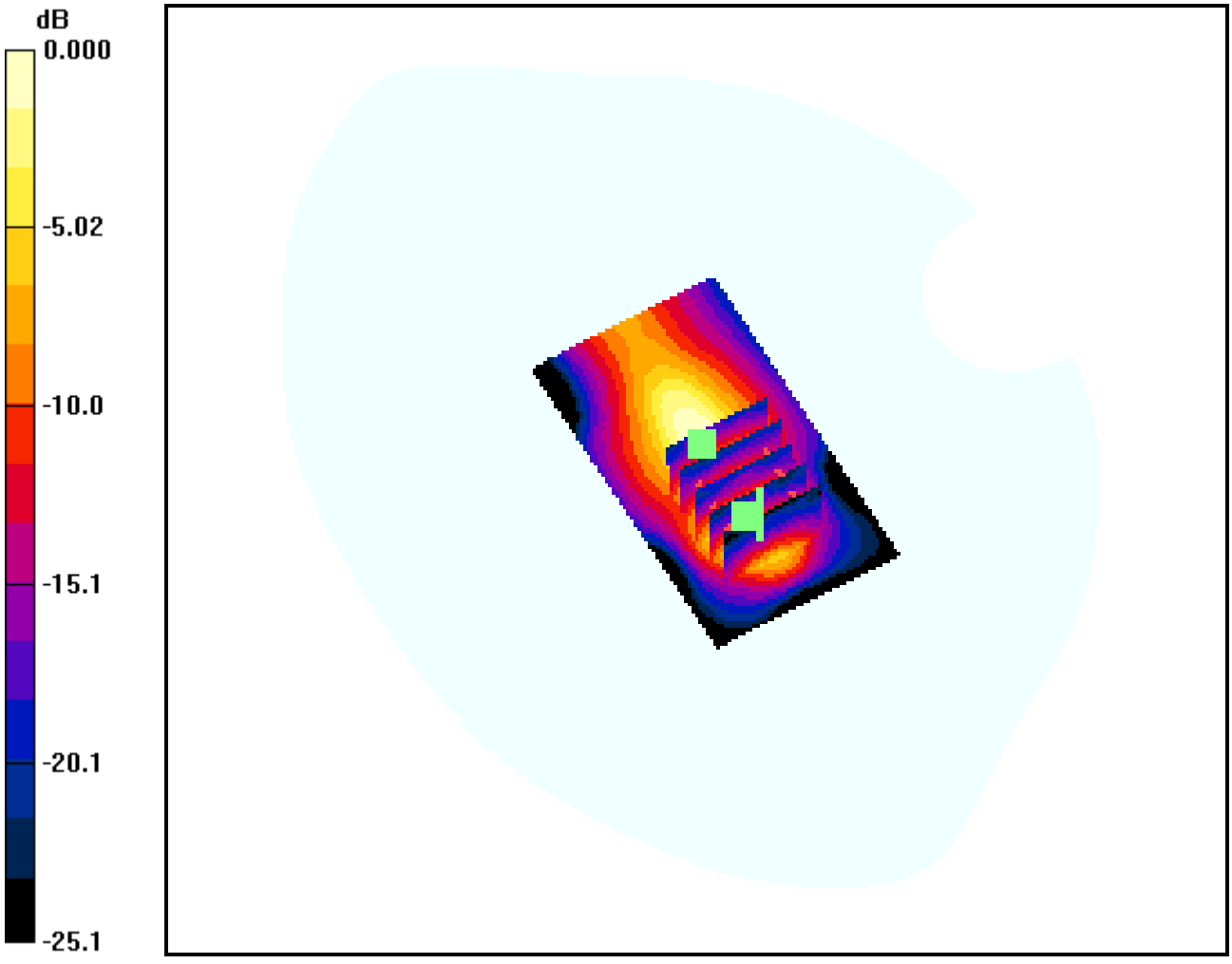
Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 2.02 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2480MHz Ch.78, Left_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.032 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.199 mW/g



0 dB = 0.586mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

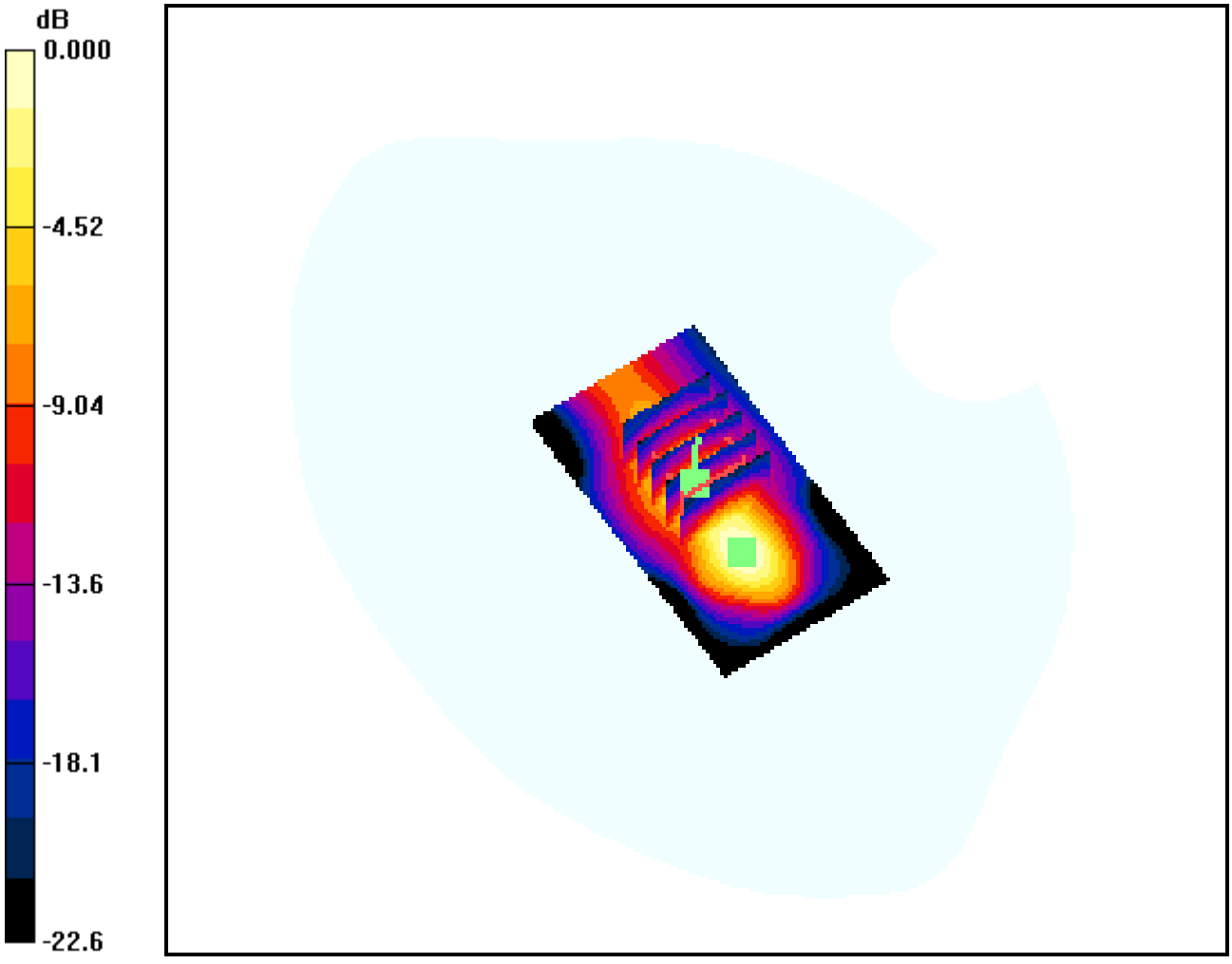
Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2480 MHz; σ = 2.02 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2480MHz Ch.78, Left_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.227 mW/g



0 dB = 0.587mW/g

DIGITAL EMC CO., LTD

DUT: imFONEBS-100; Type: USB Dongle

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.28
Medium parameters used: f = 2402 MHz; σ = 1.92 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.14, 4.14, 4.14); Calibrated: 2006-03-23; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-02-20; Ambient Temp: 20.5; Tissue Temp: 20.0

0mm from Body, Freq = 2402MHz Ch.0, Right_Side, Ant Intenna, B/T Mode

Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.010 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.395 mW/g