DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

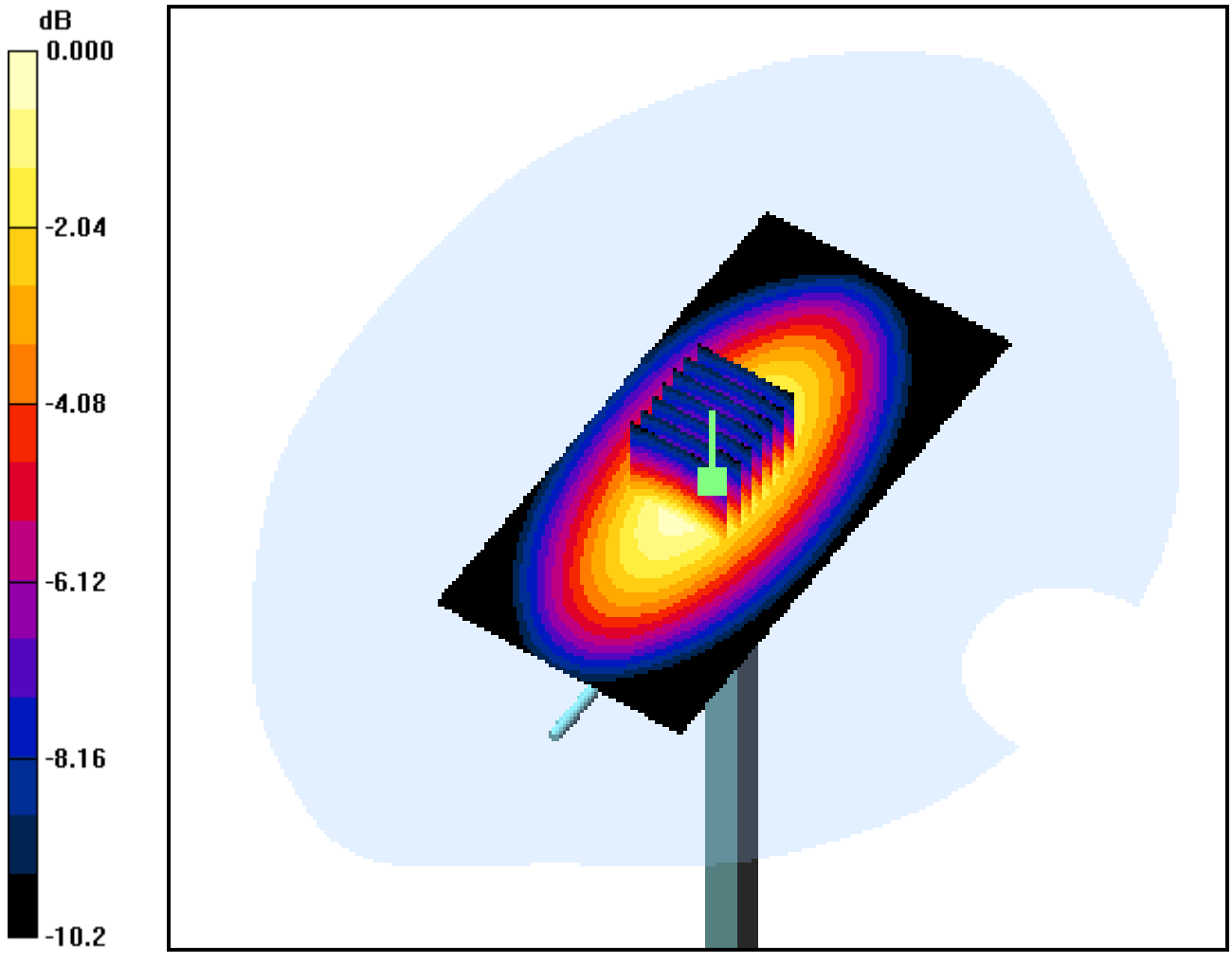
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.893 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-11-01; Ambient Temp: 20.2; Tissue Temp: 20.0

Dipole Validation

Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.095 dB
Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.59 mW/g



0 dB = 2.58mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

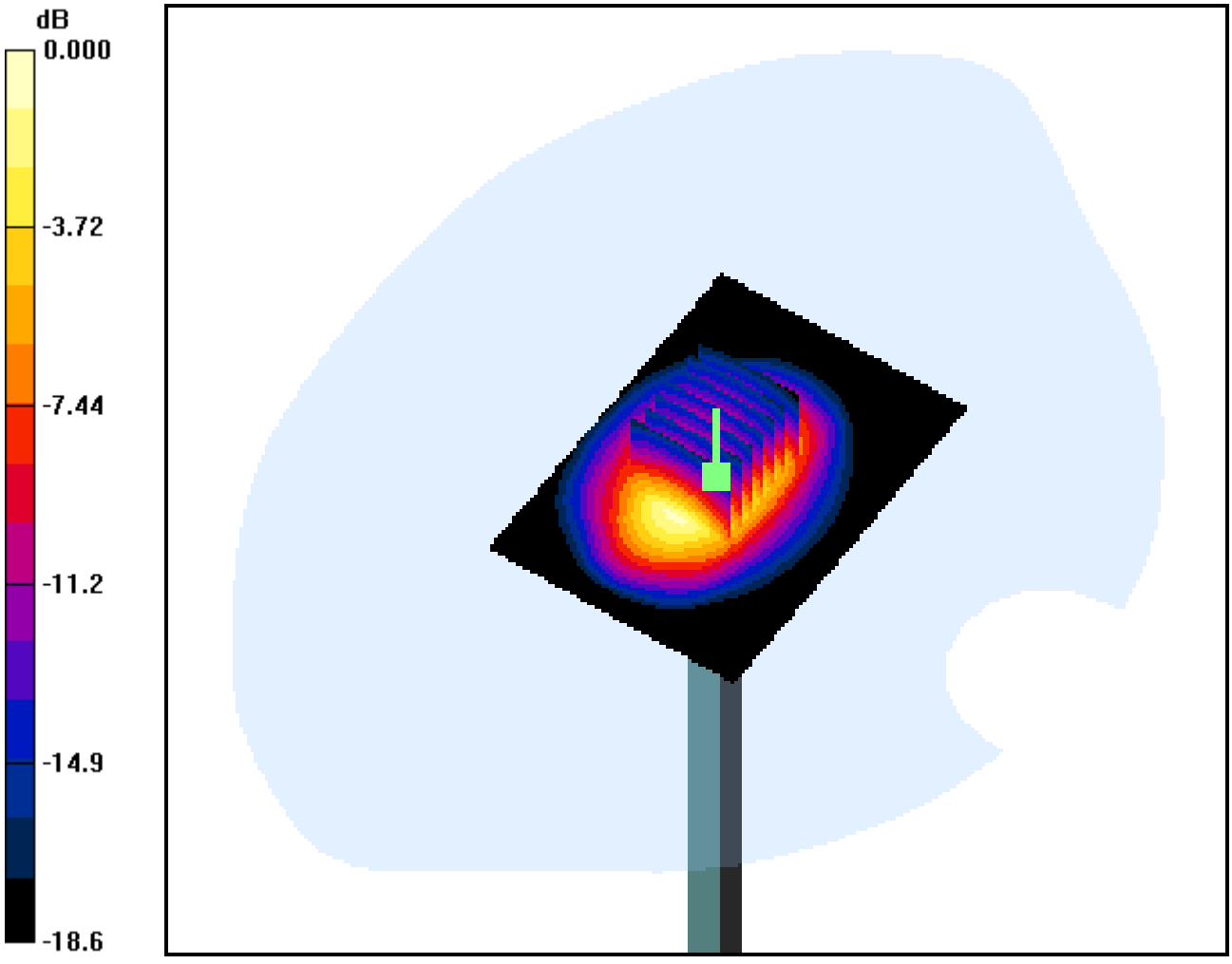
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.44 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

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 = -0.024 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.35 mW/g



0 dB = 11.6mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

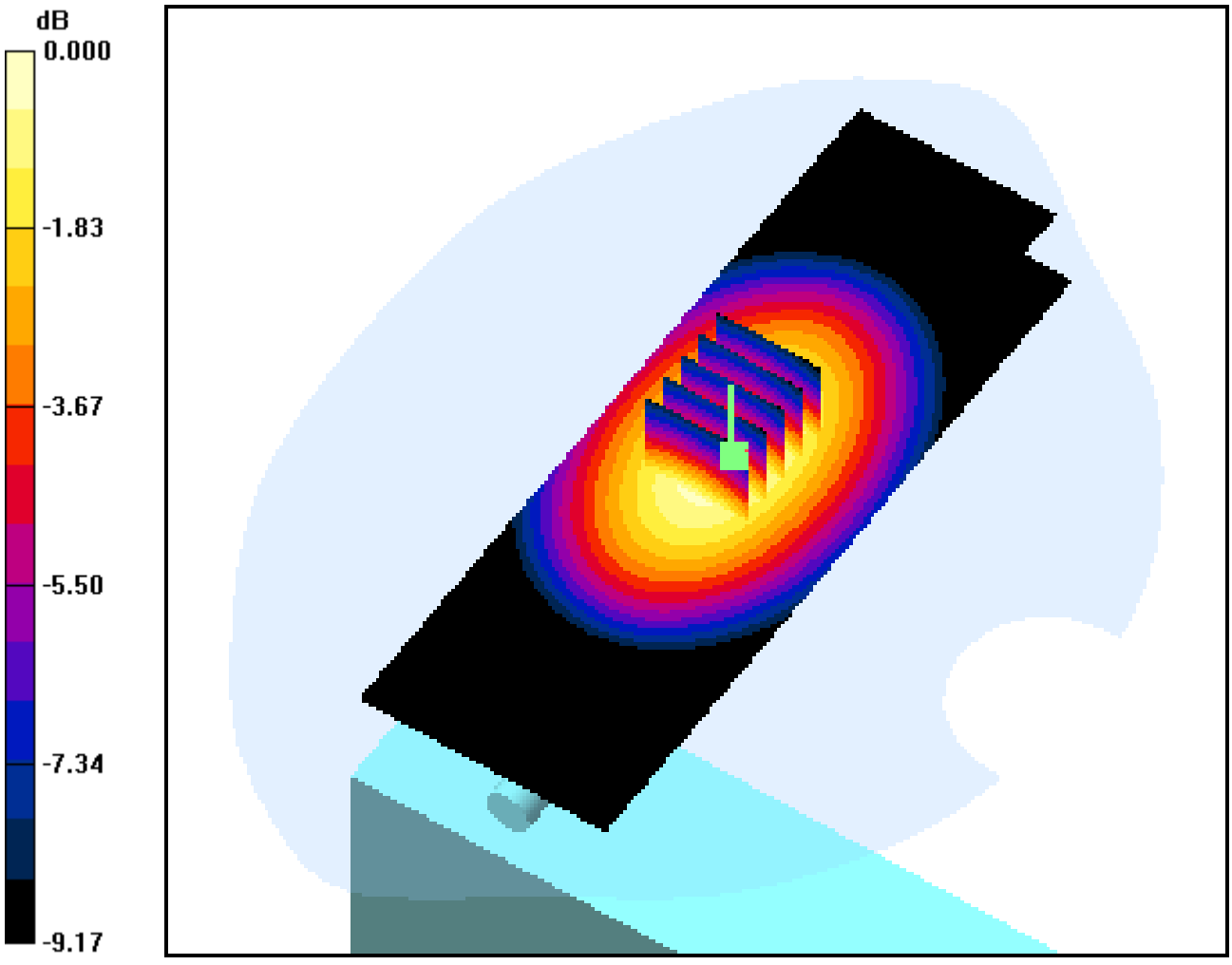
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 824.2 MHz; σ = 0.994 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-11-01; Ambient Temp: 20.2; Tissue Temp: 20.0

2.5cm from Body, GSM Ch.128, Ant Fixed, Charger Mode, GPRS

Area Scan (51x151x1): 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) = 1.74 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.938 mW/g



0 dB = 1.41mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

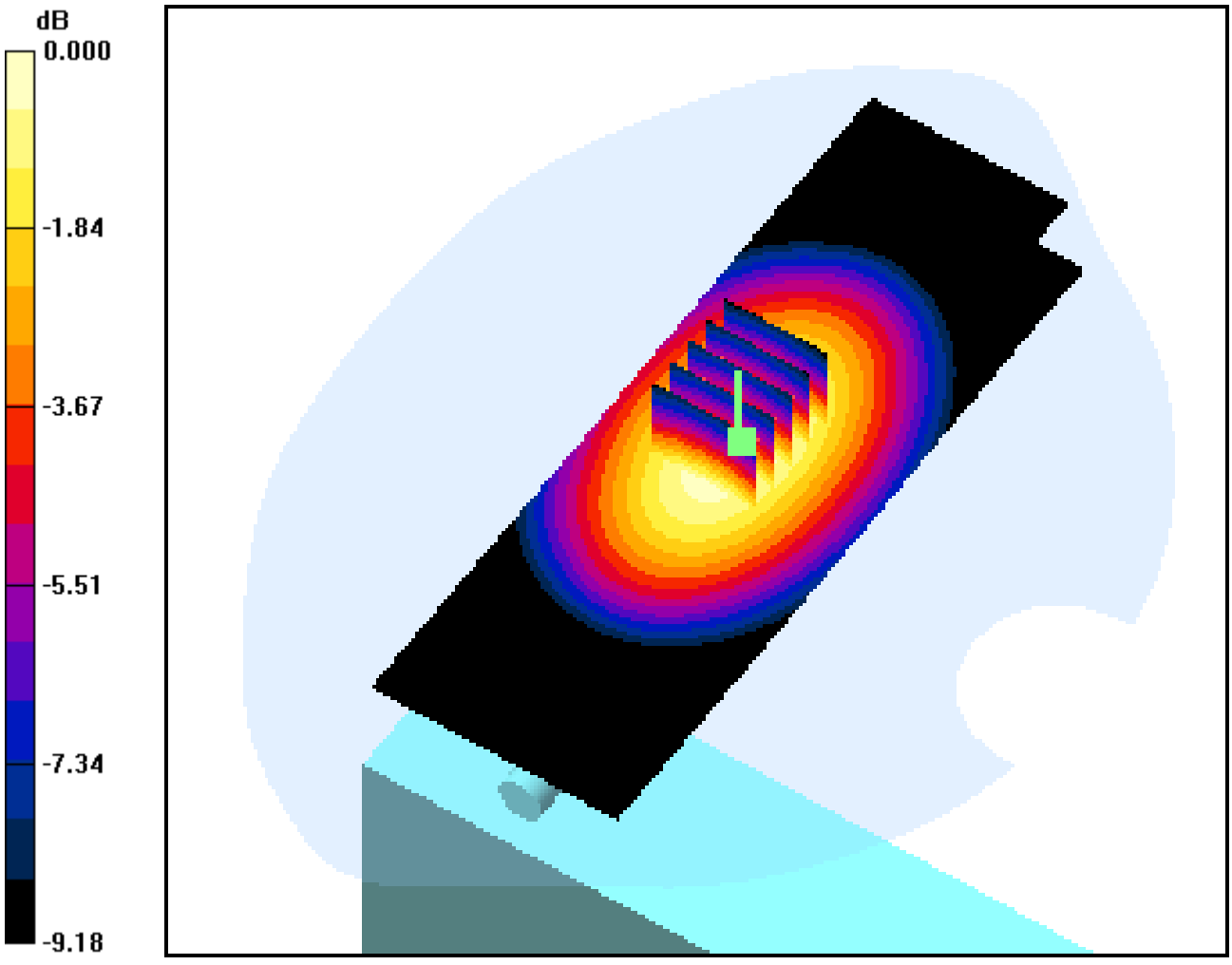
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 1.01 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-11-01; Ambient Temp: 20.2; Tissue Temp: 20.0

2.5cm from Body, GSM Ch.190, Ant Fixed, Charger Mode, GPRS

Area Scan (51x151x1): 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) = 1.86 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.992 mW/g



0 dB = 1.49mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

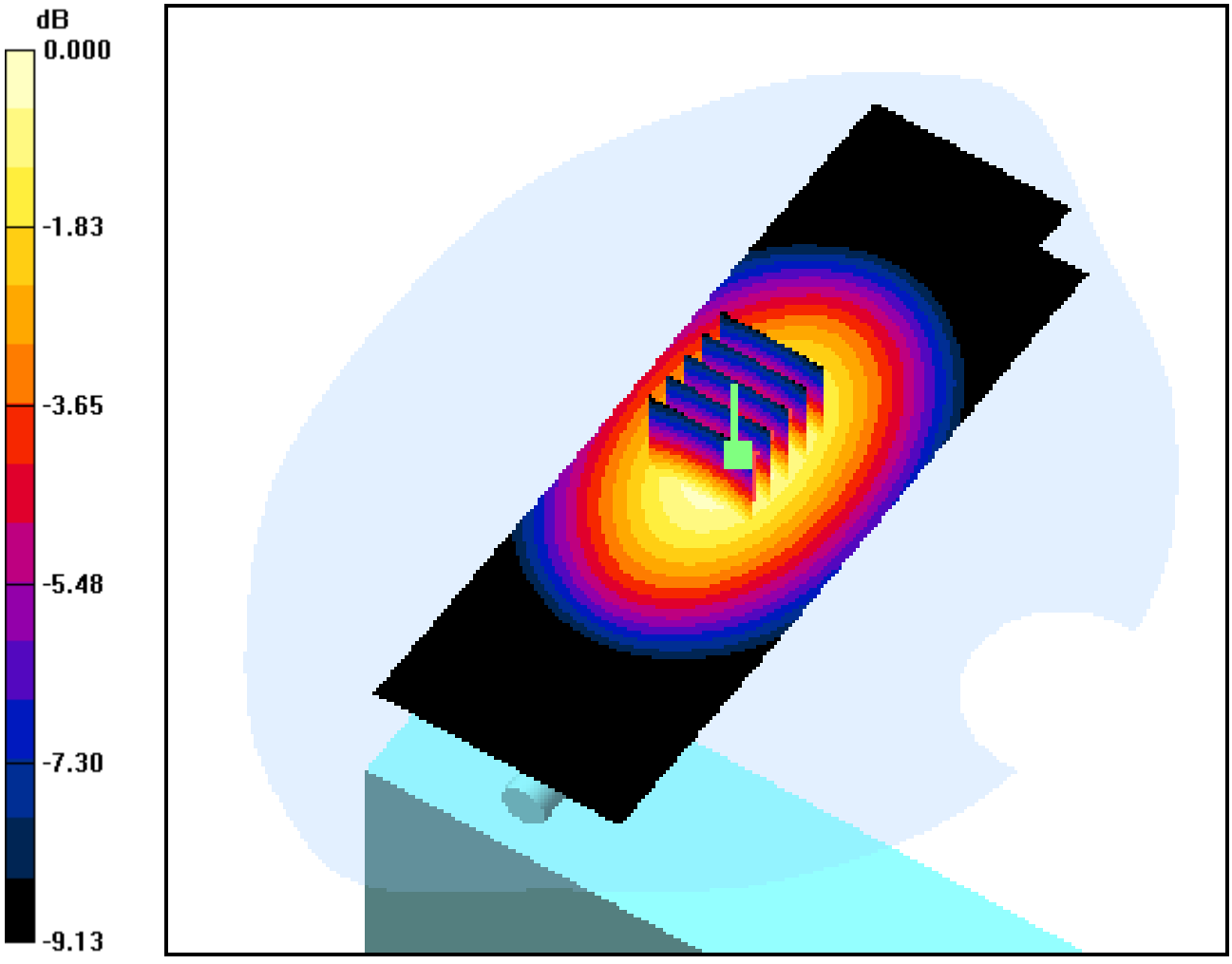
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-11-01; Ambient Temp: 20.2; Tissue Temp: 20.0

2.5cm from Body, GSM Ch.251, Ant Fixed, Charger Mode, GPRS

Area Scan (51x151x1): 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) = 1.25 W/kg
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.681 mW/g



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

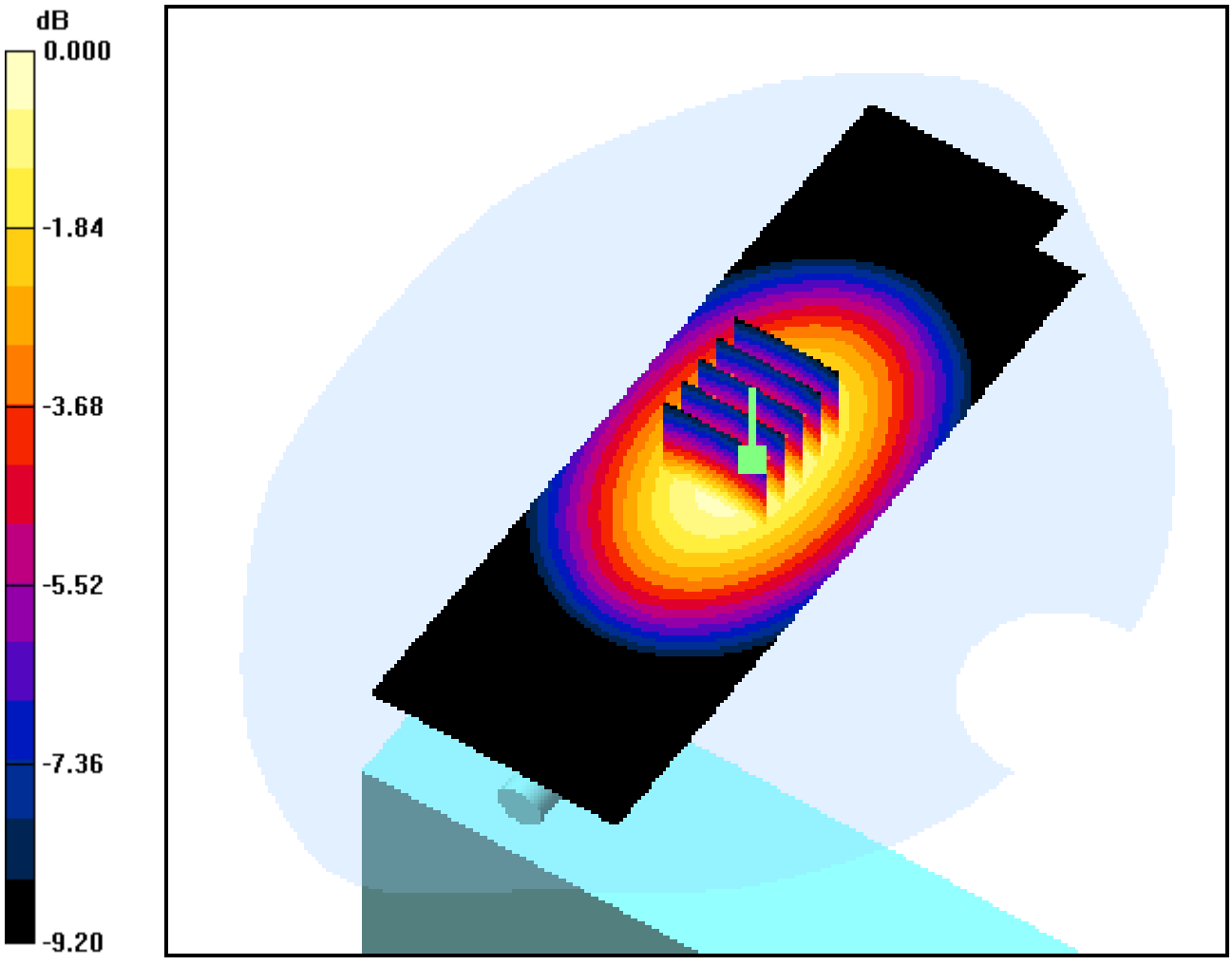
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 1.01 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-11-01; Ambient Temp: 20.2; Tissue Temp: 20.0

2.5cm from Body, GSM Ch.190, Ant Fixed, Standard Battery, GPRS

Area Scan (51x151x1): 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) = 1.87 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 1.01 mW/g



0 dB = 1.53mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

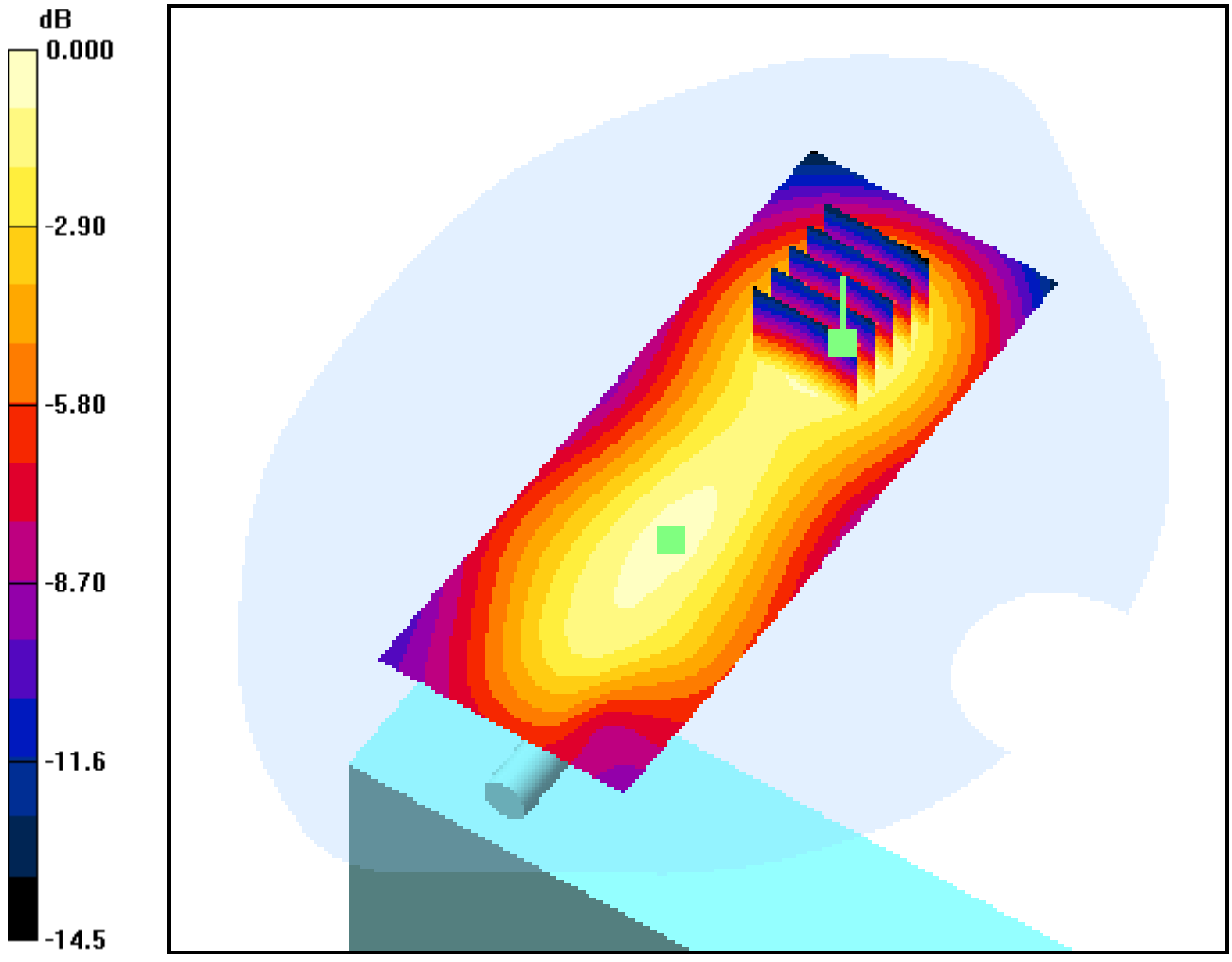
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.512, Ant Fixed, Charger Mode, GPRS

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.292 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.136 mW/g



0 dB = 0.239mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

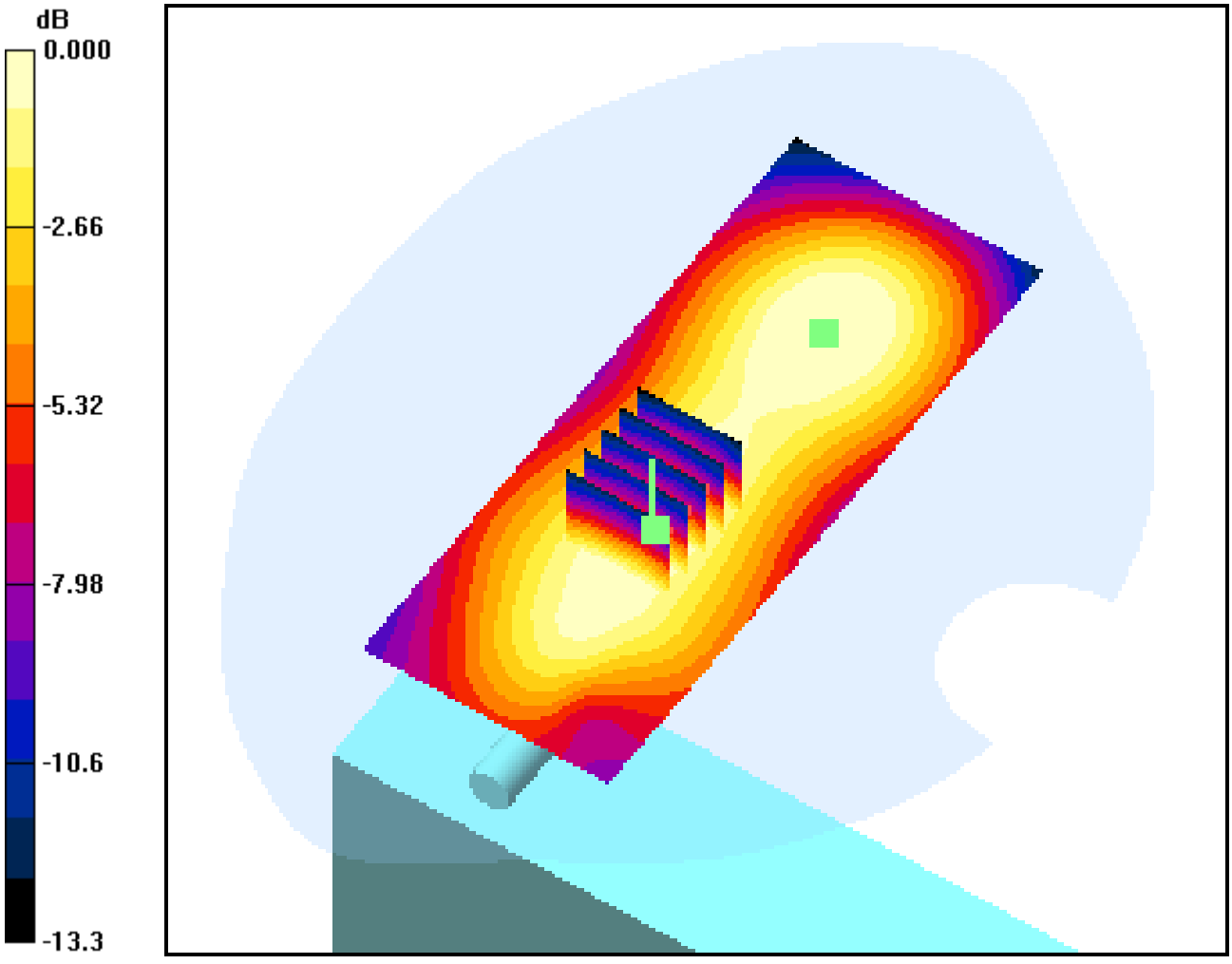
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.512, Ant Fixed, Charger Mode, GPRS

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.292 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.119 mW/g



0 dB = 0.199mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

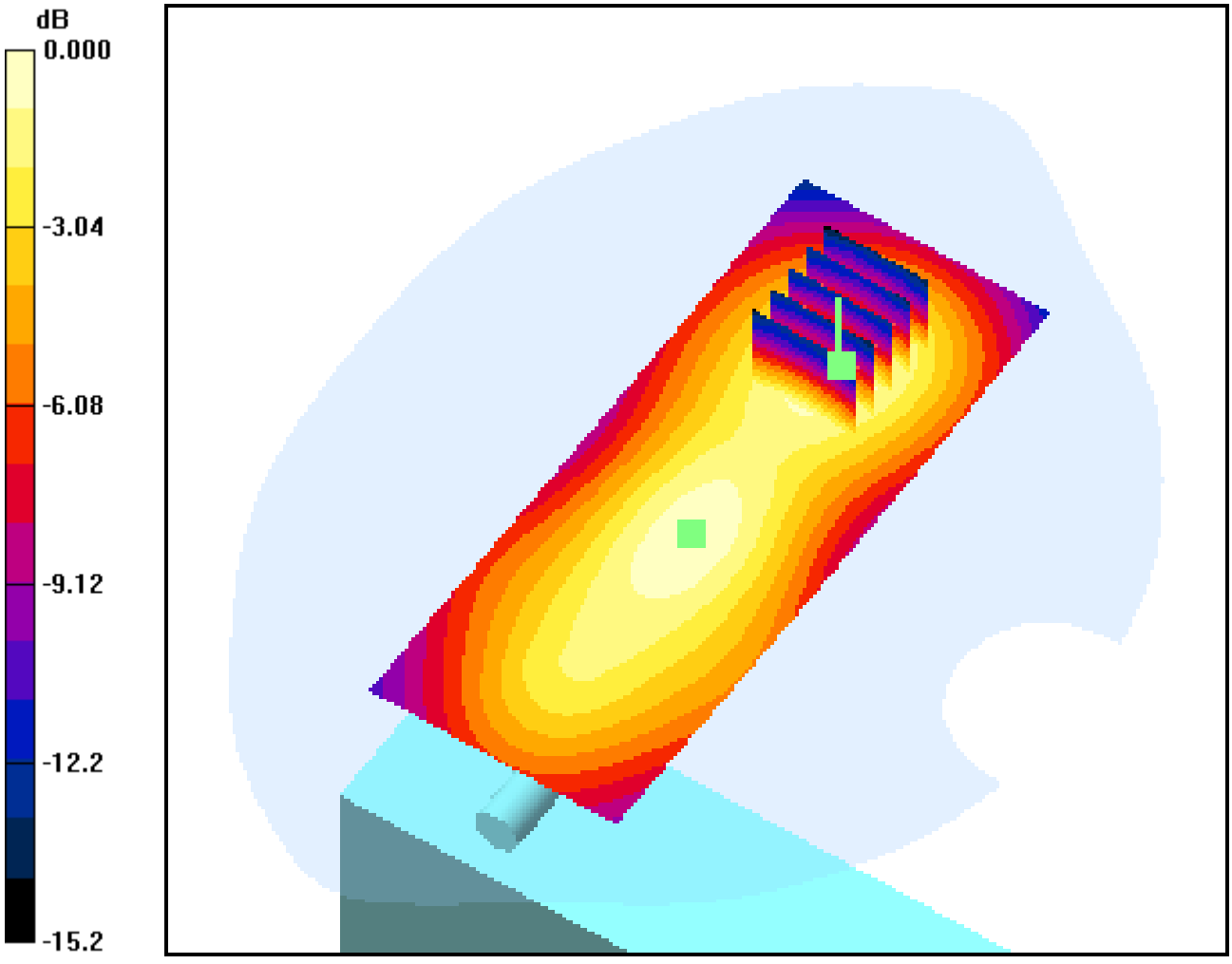
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.661, Ant Fixed, Charger Mode, GPRS

Area Scan (51x131x1): 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) = 0.327 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.125 mW/g



0 dB = 0.220mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

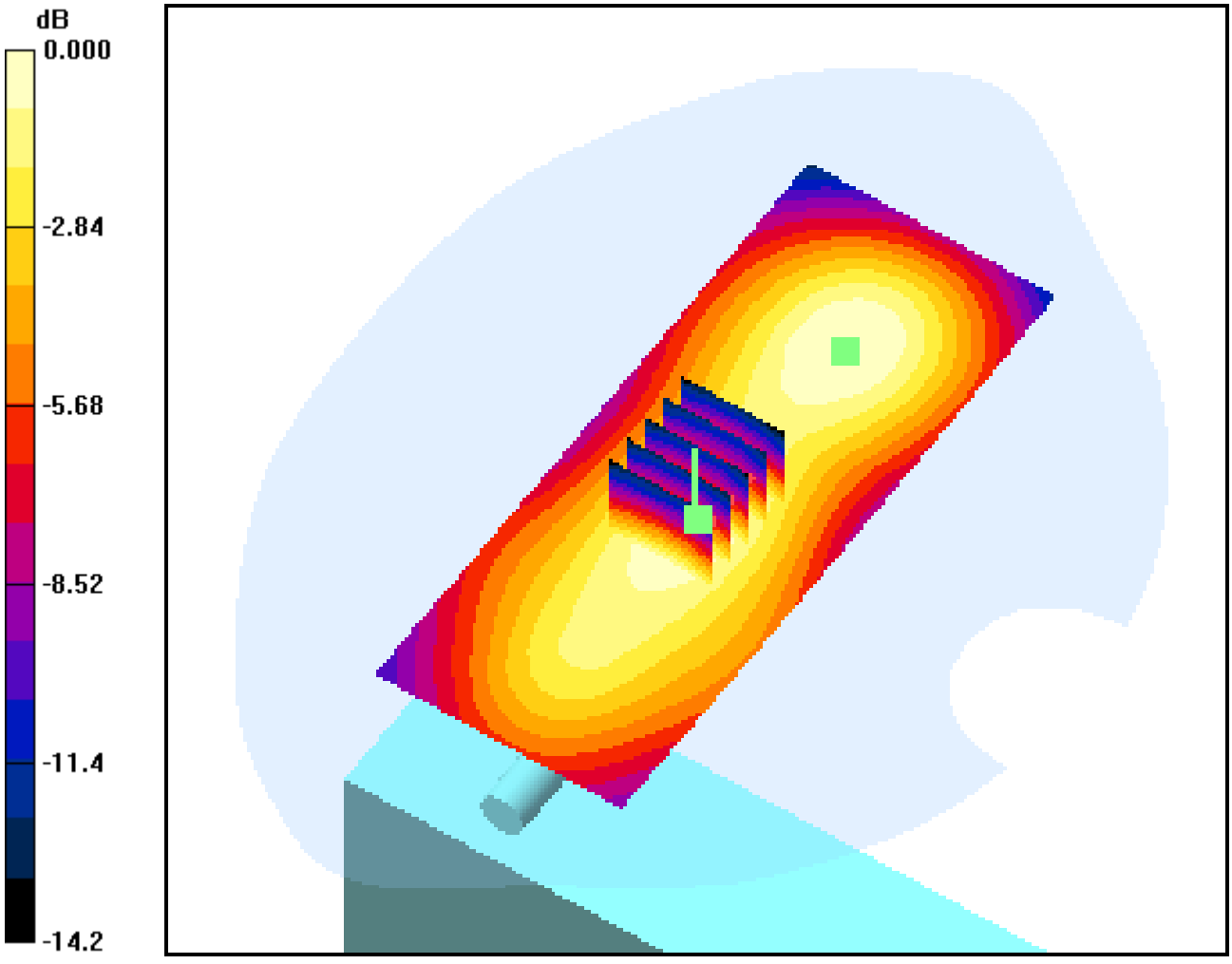
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.661, Ant Fixed, Charger Mode, GPRS

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.120 mW/g



0 dB = 0.208mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

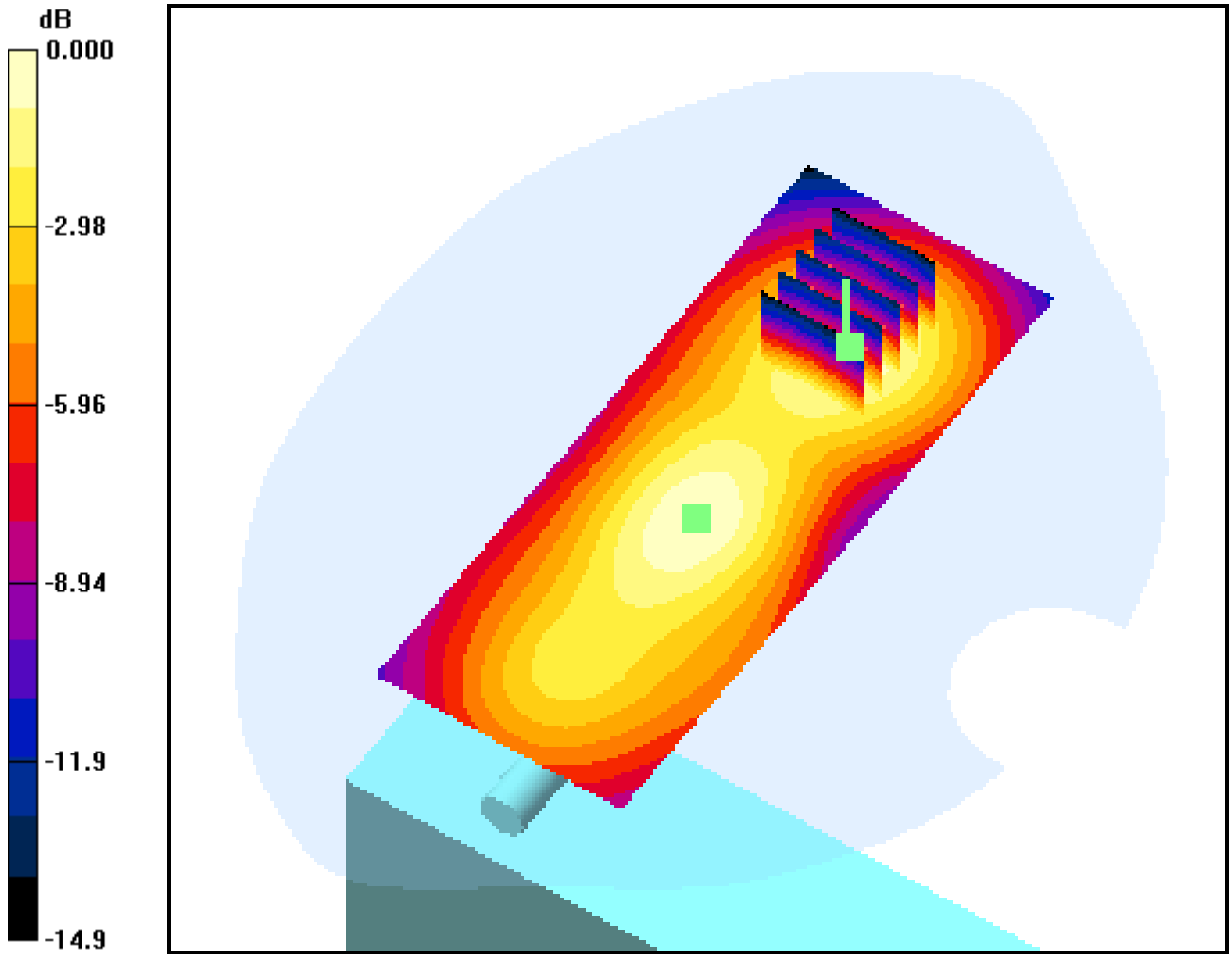
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.810, Ant Fixed, Charger Mode, GPRS

Area Scan (51x131x1): 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) = 0.289 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.107 mW/g



0 dB = 0.190mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

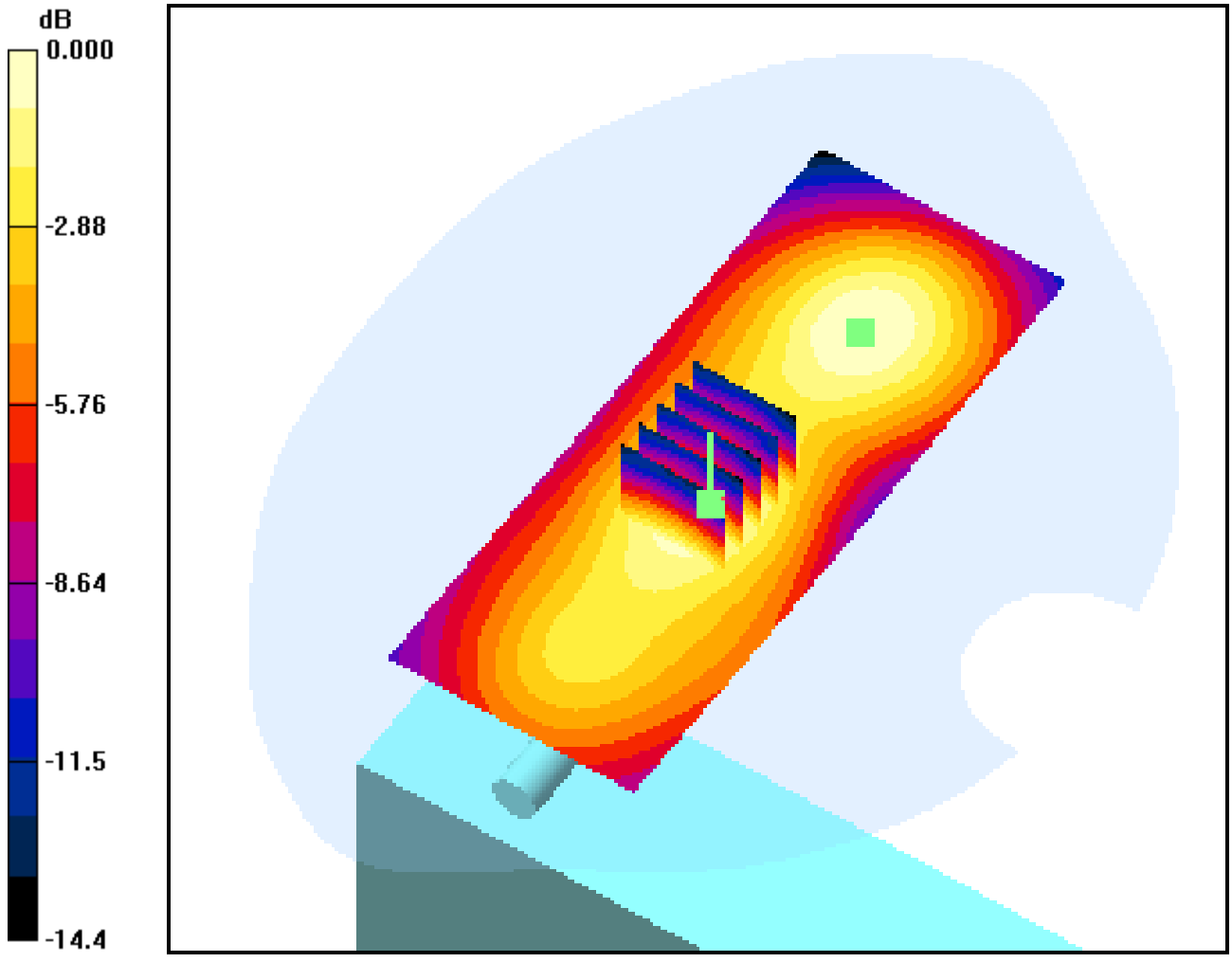
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.810, Ant Fixed, Charger Mode, GPRS

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.107 mW/g



0 dB = 0.186mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

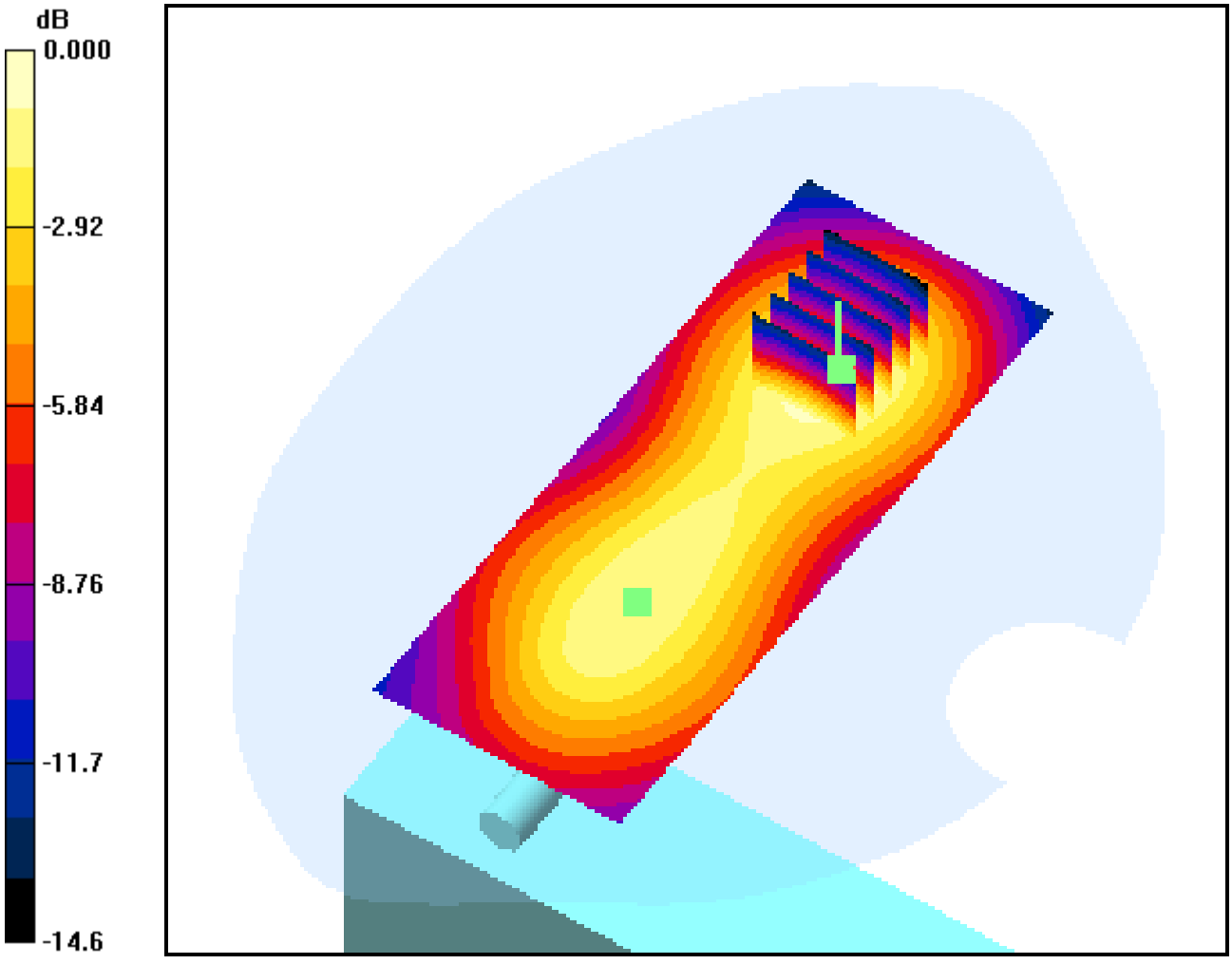
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.512, Ant Fixed, Standard Battery, GPRS

Area Scan (51x131x1): 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) = 0.357 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.140 mW/g



0 dB = 0.244mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

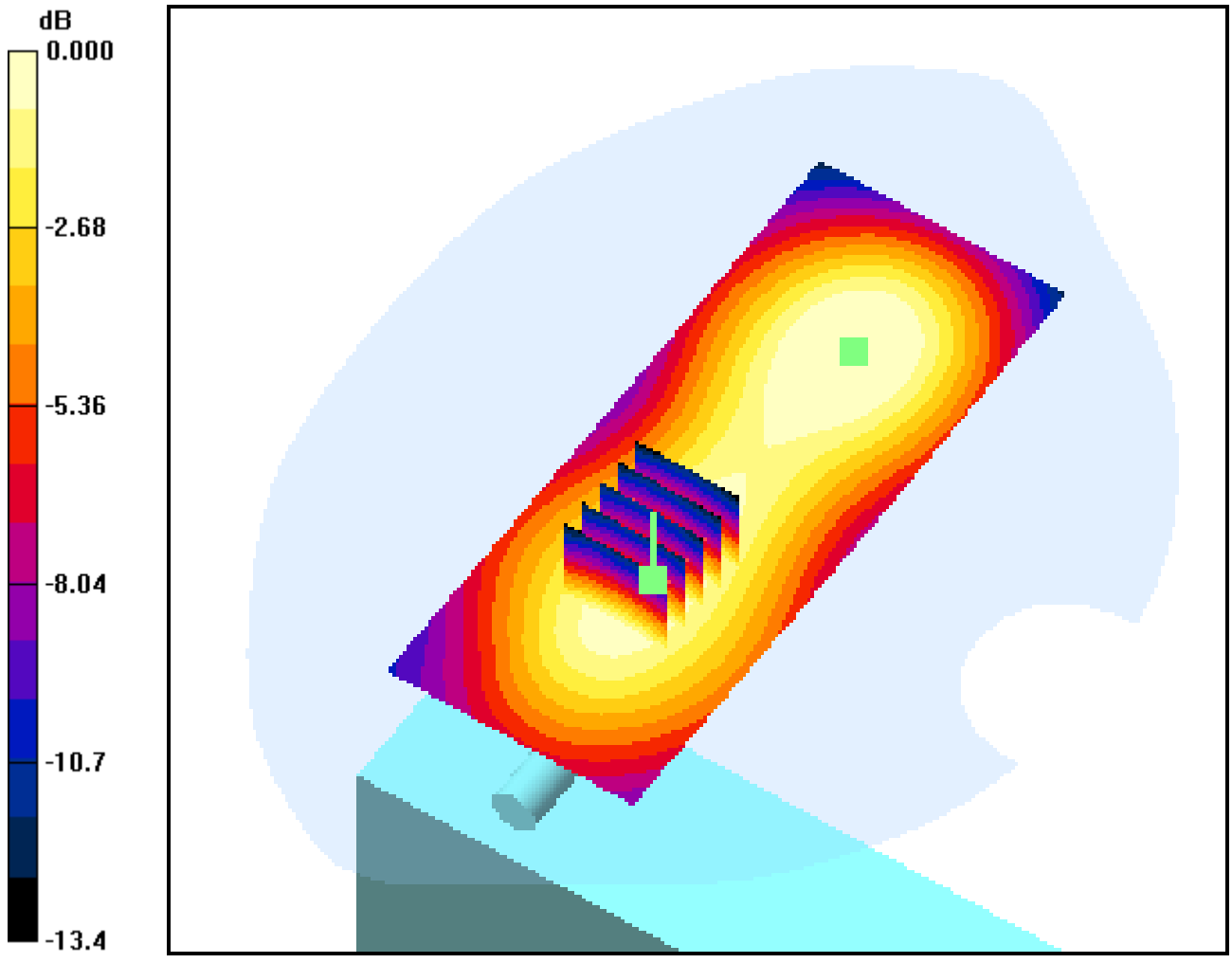
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.512, Ant Fixed, Standard Battery, GPRS

Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.053 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.116 mW/g



0 dB = 0.194mW/g

DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL;

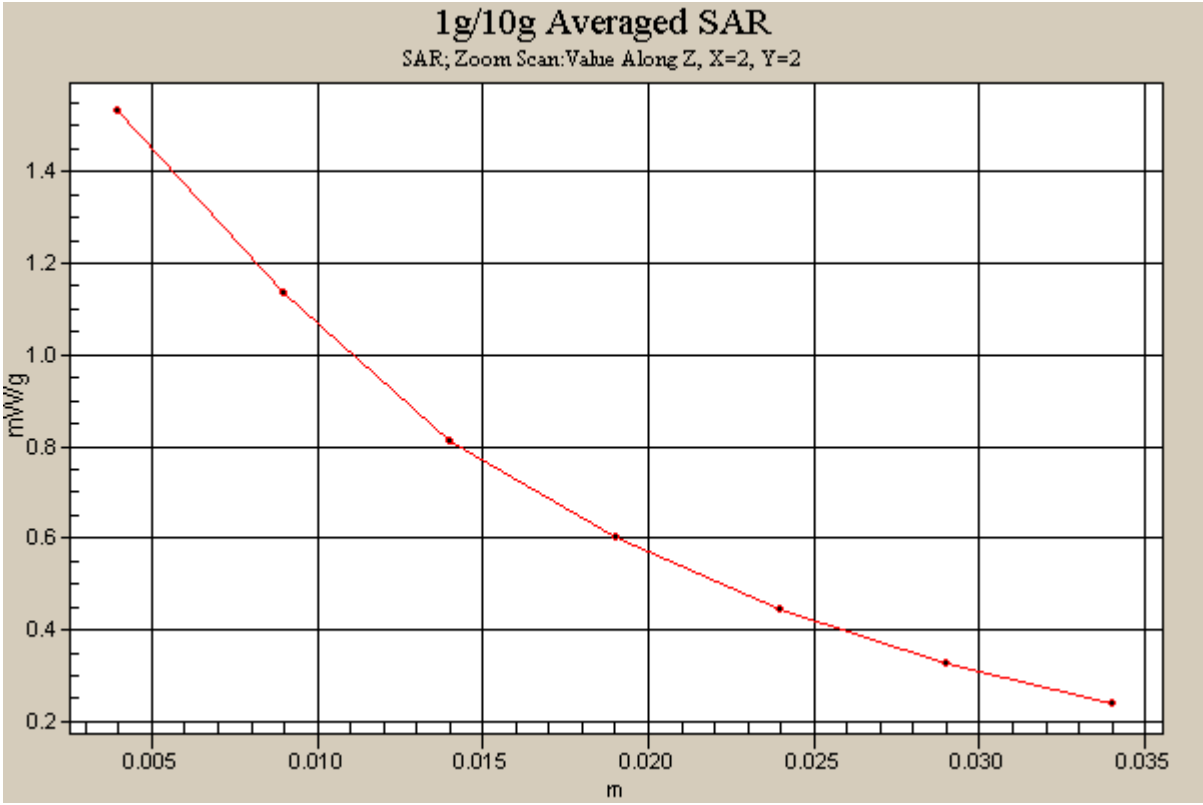
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 1.01 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-11-01; Ambient Temp: 20.2; Tissue Temp: 20.0

2.5cm from Body, GSM Ch.190, Ant Fixed, Standard Battery, GPRS

Area Scan (51x151x1): 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) = 1.87 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 1.01 mW/g



DIGITAL EMC CO., LTD

DUT: GT850P; Type: WLL

Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn519
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: 2007-11-02; Ambient Temp: 20.3; Tissue Temp: 20.1

2.5cm from Body, PCS Ch.512, Ant Fixed, Standard Battery, GPRS

Area Scan (51x131x1): 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) = 0.357 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.140 mW/g