# DIGITAL EMC CO., LTD

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

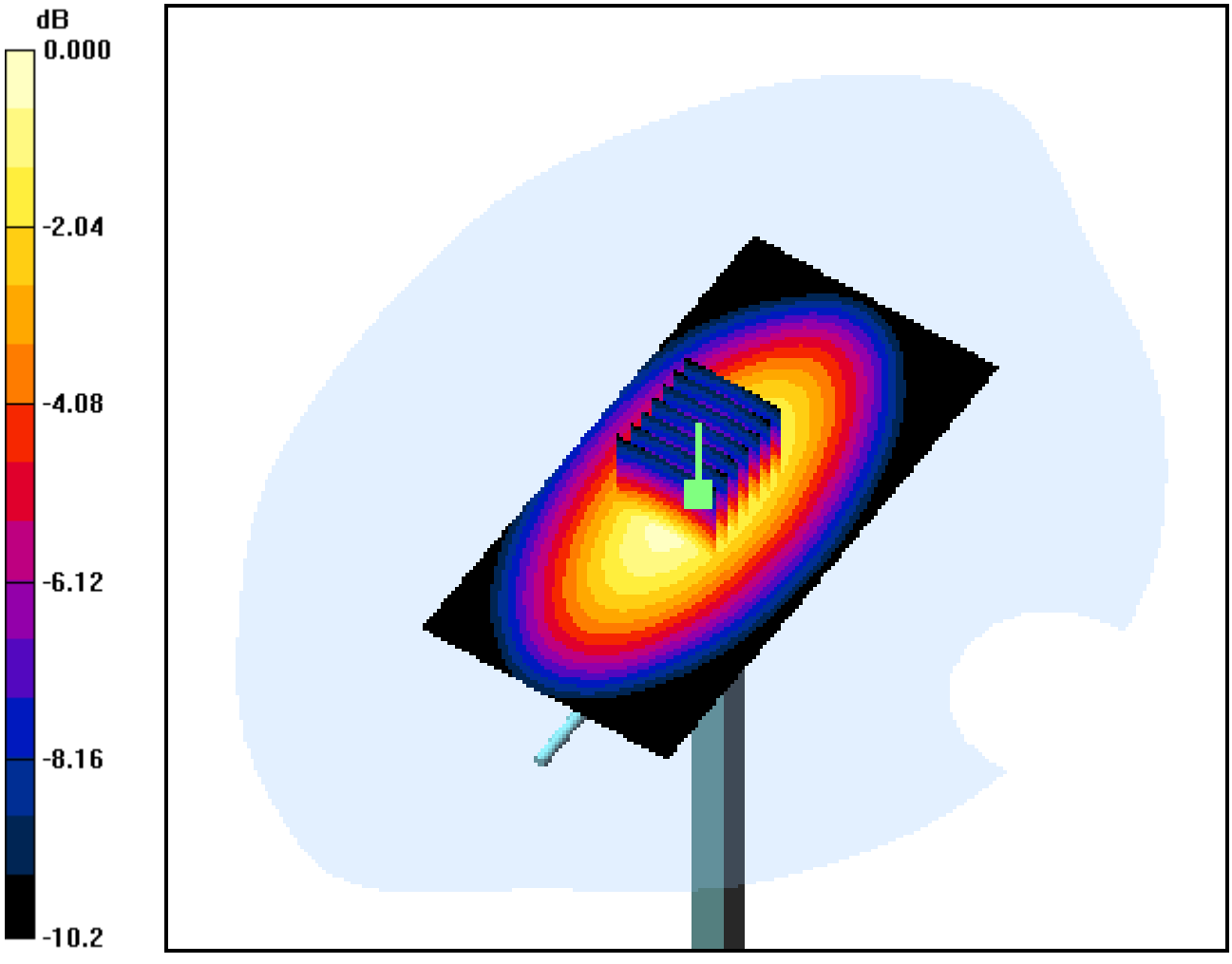
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 0.897 mho/m; $\varepsilon_r$ = 40.7; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY4 Configuration:**
Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; 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: 2006-06-12; Ambient Temp: 21.0; Tissue Temp: 21.0

## 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 = -0.019 dB
Peak SAR (extrapolated) = 3.27 W/kg
**SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.54 mW/g**




0 dB = 2.50mW/g

# DIGITAL EMC CO., LTD

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

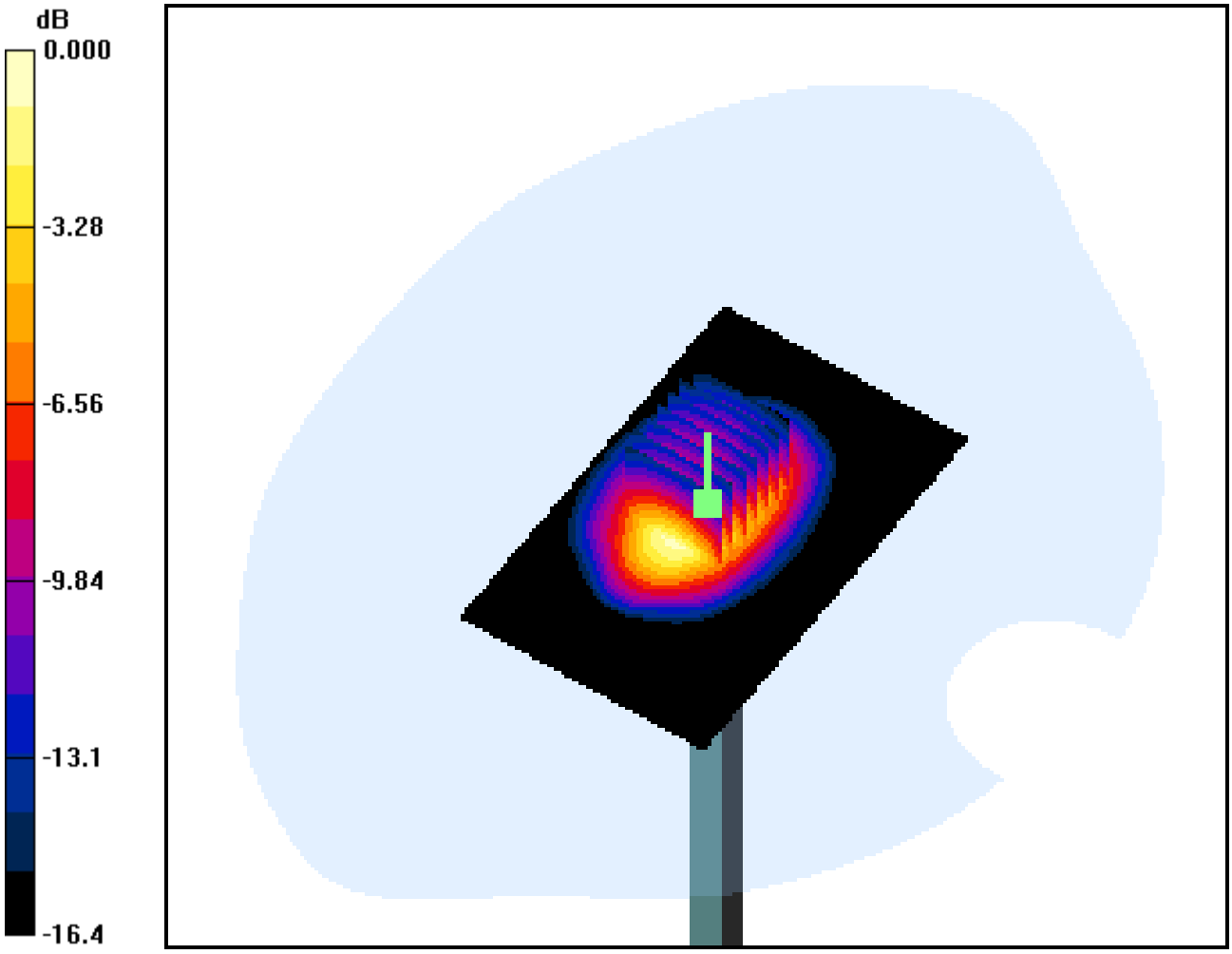
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.39 mho/m; $\varepsilon_r$ = 38.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY4 Configuration:**
Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; 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: 2006-05-31; Ambient Temp: 22.0; Tissue Temp: 21.5

## Dipole Validation

**Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.028 dB
Peak SAR (extrapolated) = 15.7 W/kg
**SAR(1 g) = 8.98 mW/g; SAR(10 g) = 4.8 mW/g**




0 dB = 10.0mW/g