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## SAR VALIDATION PLOTS

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# 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:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.86 \text{ mho/m}$ ;  $\epsilon_r = 37.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6 - SN1703; ConvF(4.66, 4.66, 4.66); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2005-08-25; Ambient Temp: 22.0; Tissue Temp: 21.7

## **Dipole Validation**

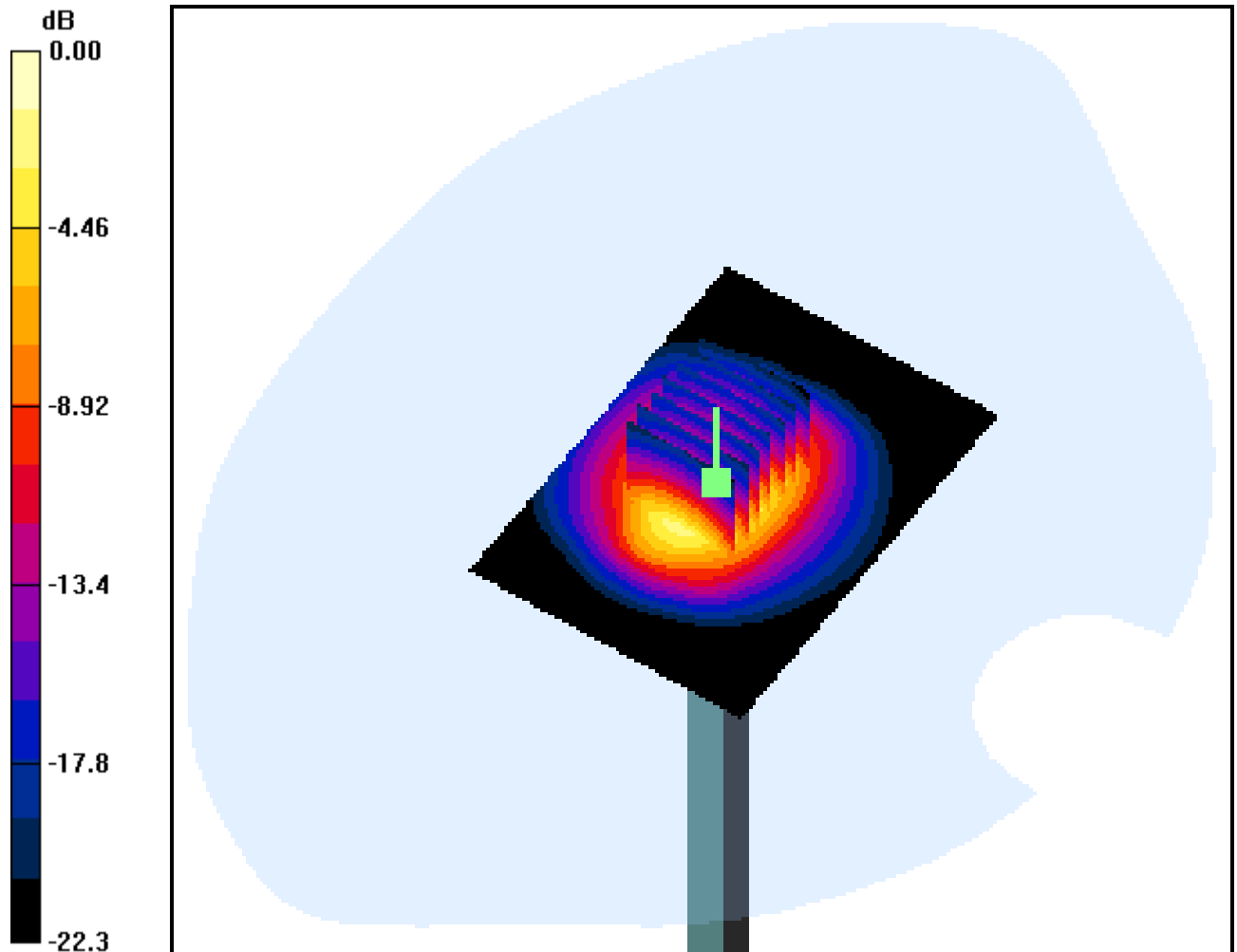
**Area Scan (51x71x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Power Drift = -0.032 dB

Peak SAR (extrapolated) = 25.5 W/kg

**SAR(1 g) = 12.1 mW/g; SAR(10 g) = 5.57 mW/g**



0 dB = 13.5mW/g