

## **Dipole Verification Plots**

# DIGITAL EMC CO., LTD

**DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:1d146**

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.06 \text{ mho/m}$ ;  $\epsilon_r = 54.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY4 Configuration:**

Probe: ET3DV6R - SN1703; ConvF(6.21, 6.21, 6.21); Calibrated: 2013-07-29; Electronics: DAE3 Sn520

Phantom: SAM with CRP; Type: SAM; Serial: TP-1221

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-11-21; Ambient Temp: 22.1; Tissue Temp: 22.6

## **900 MHz System Verification**

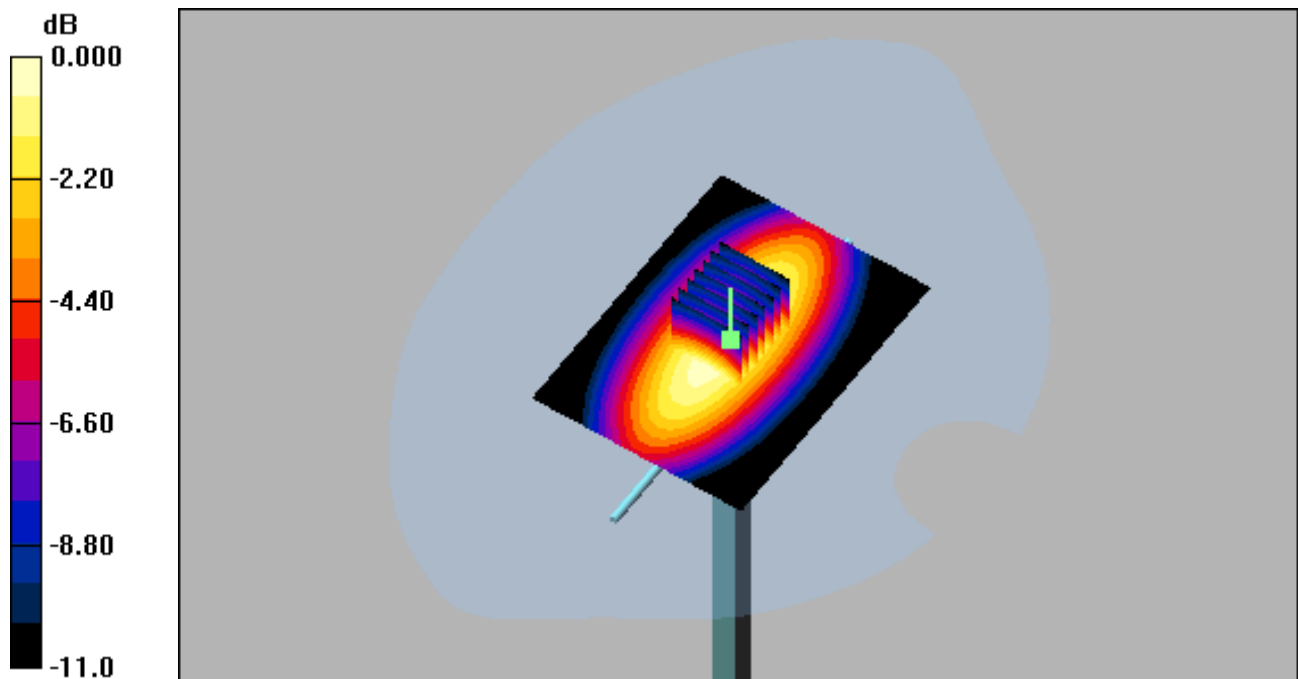
**Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.019 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 2.76 mW/g; SAR(10 g) = 1.78 mW/g**



0 dB = 3.01mW/g

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