
SAR TEST PLOTS

DIGITAL EMC CO., LTD

DUT: BM2001

Communication System: CW; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.27, 4.27, 4.27); 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

1.5cm from Body, 2402MHz

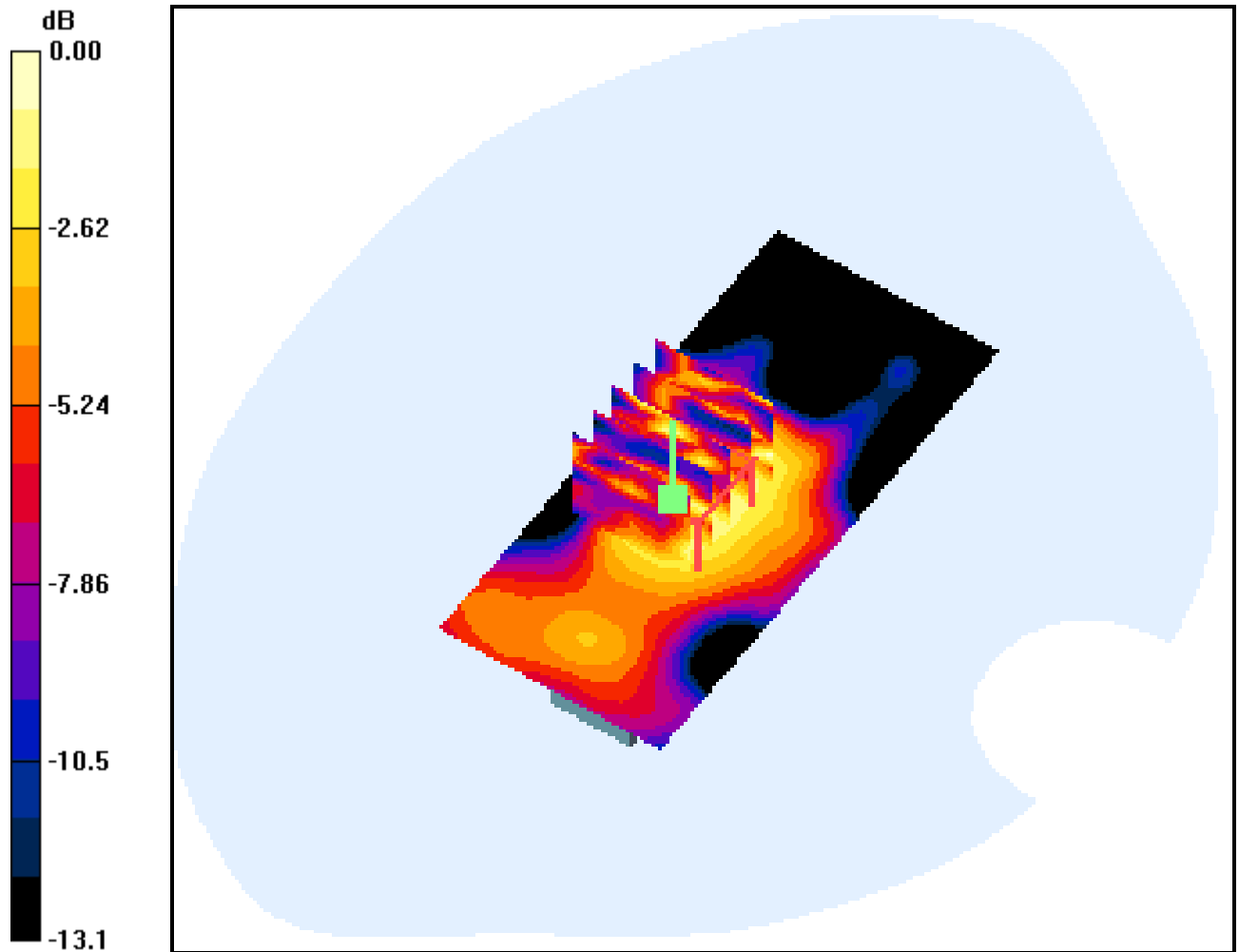
Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.265 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.024 mW/g



0 dB = 0.053mW/g

DIGITAL EMC CO., LTD

DUT: BM2001

Communication System: CW; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.27, 4.27, 4.27); 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

1.5cm from Body, 2441MHz

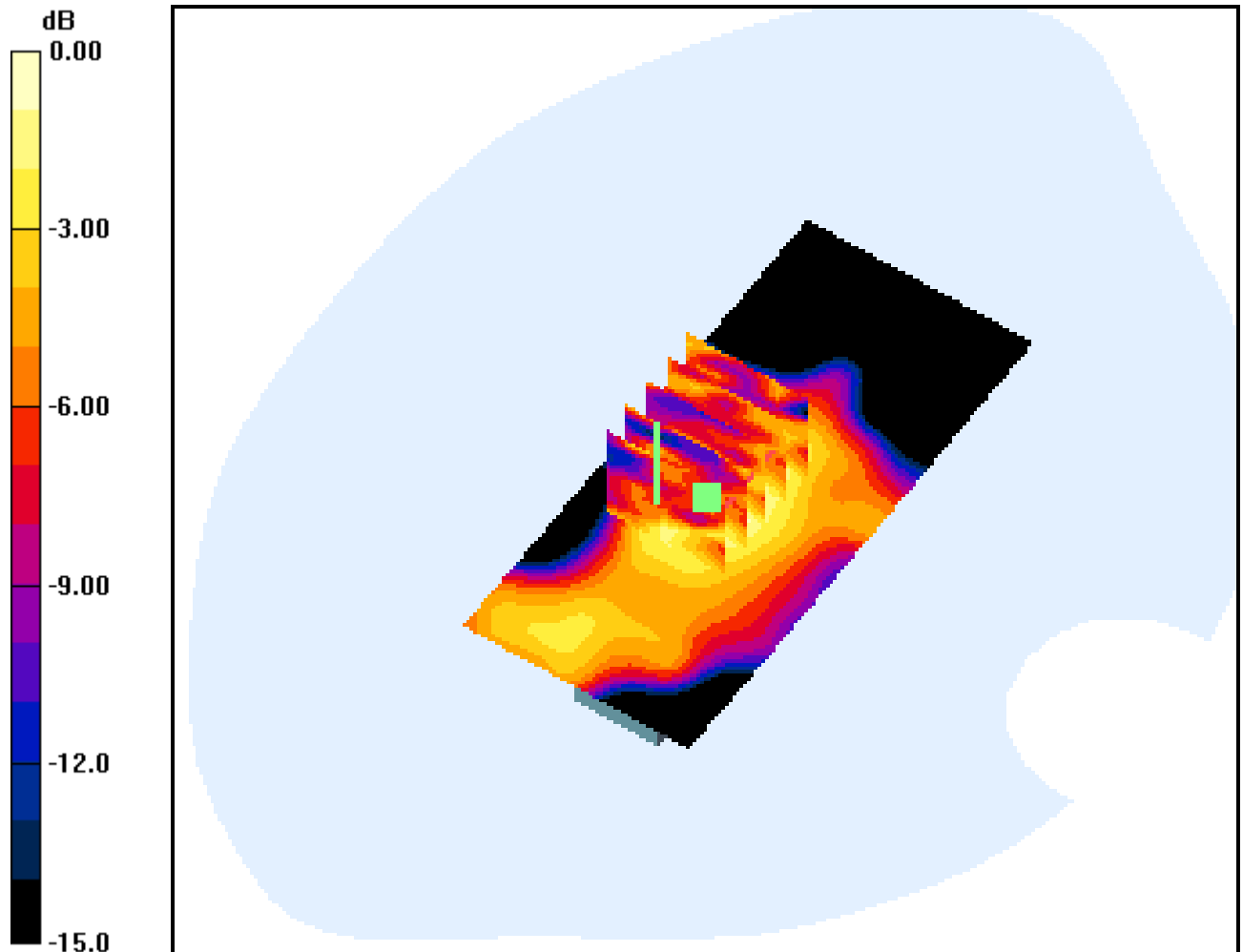
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.023 mW/g



0 dB = 0.054mW/g

DIGITAL EMC CO., LTD

DUT: BM2001

Communication System: CW; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 2.03 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.27, 4.27, 4.27); 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

1.5cm from Body, 2480MHz

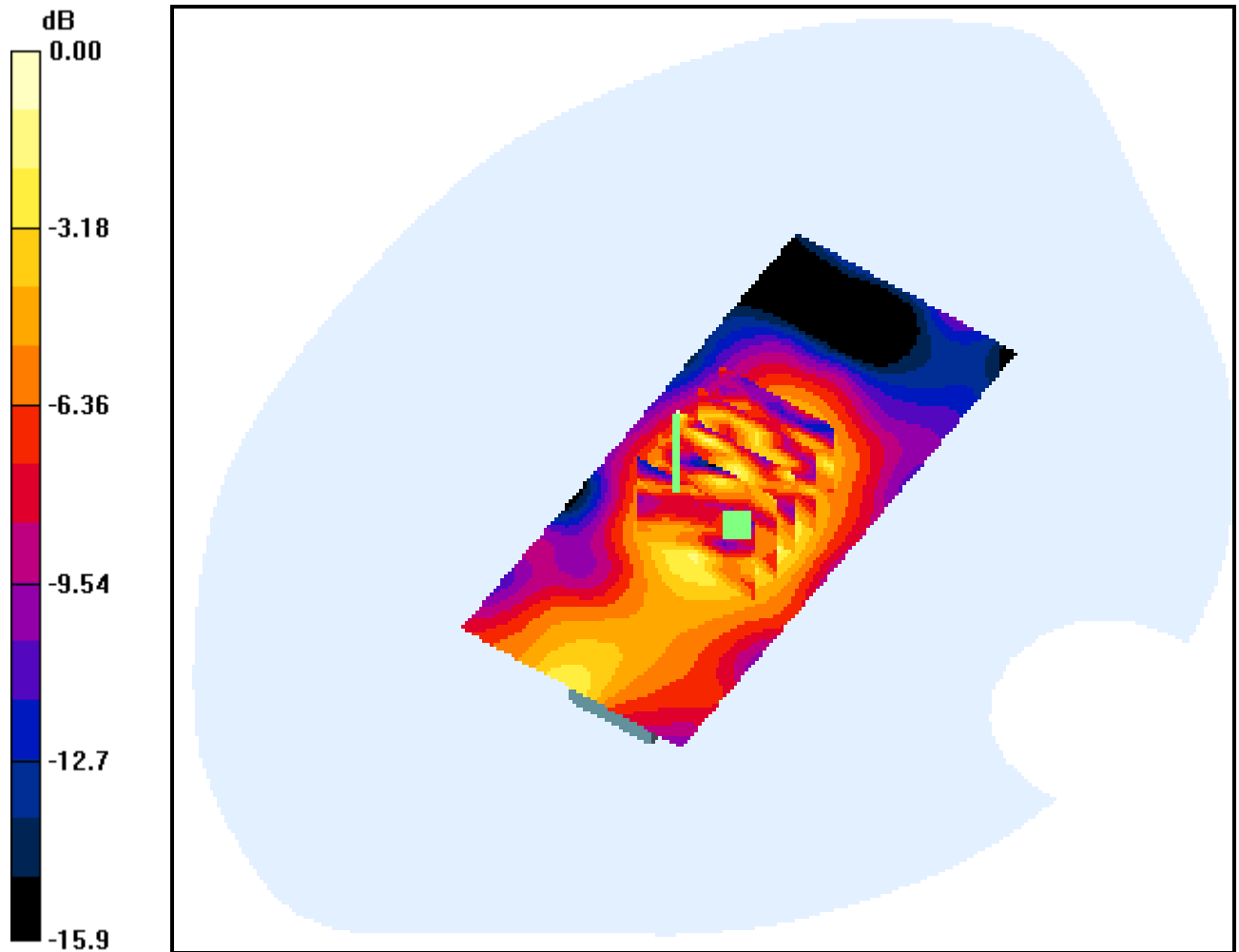
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.027 mW/g



0 dB = 0.056mW/g