

Test Laboratory: Compliance Certification Services  
 File Name: [D835V2SN4d002\\_060404.da4](#)

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d002**  
**Program Name: System Performance Check at 835 MHz**  
**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

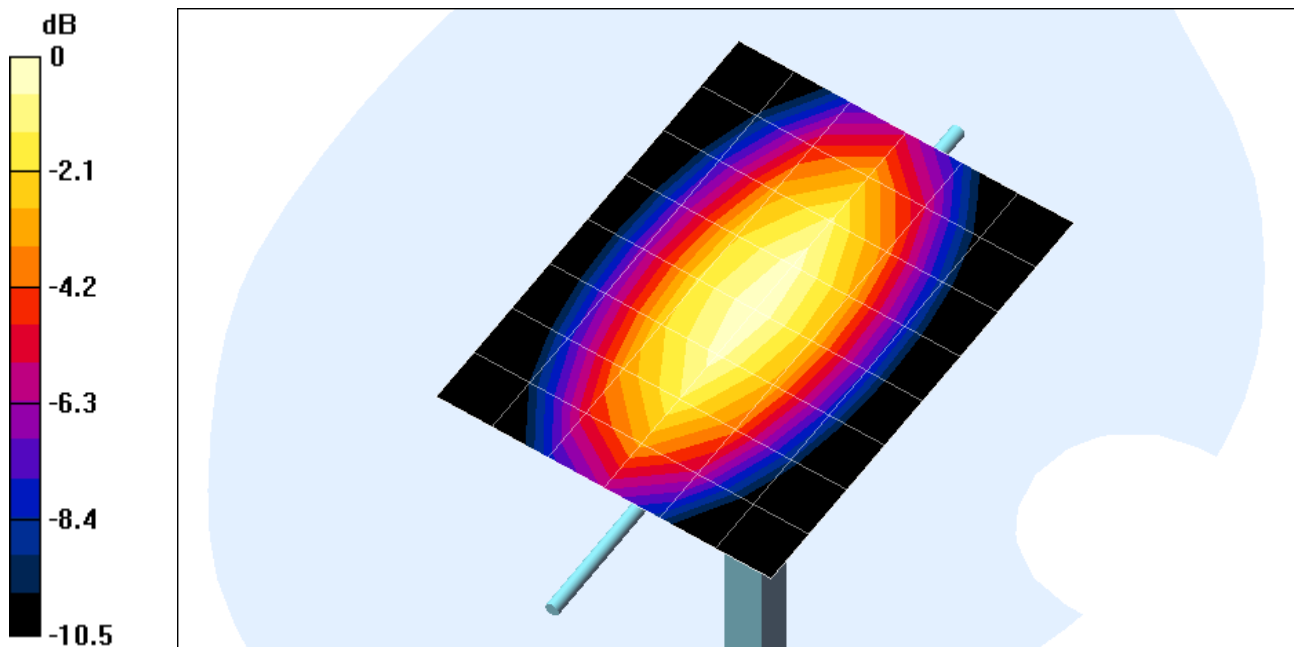
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**d=15mm, Pin=250mW/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Reference Value = 53.1 V/m; Power Drift = -0.004 dB  
 Maximum value of SAR (measured) = 2.54 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
 Reference Value = 53.1 V/m; Power Drift = -0.004 dB  
 Maximum value of SAR (measured) = 2.54 mW/g  
 Peak SAR (extrapolated) = 3.57 W/kg  
**SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.53 mW/g**



0 dB = 2.54mW/g

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Phantom section: Flat Section

**d=15mm, Pin=250mW/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 53.1 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 2.14 mW/g

