

Test Laboratory: Compliance Certification Services
 File Name: [D835V2SN4d002_071204.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

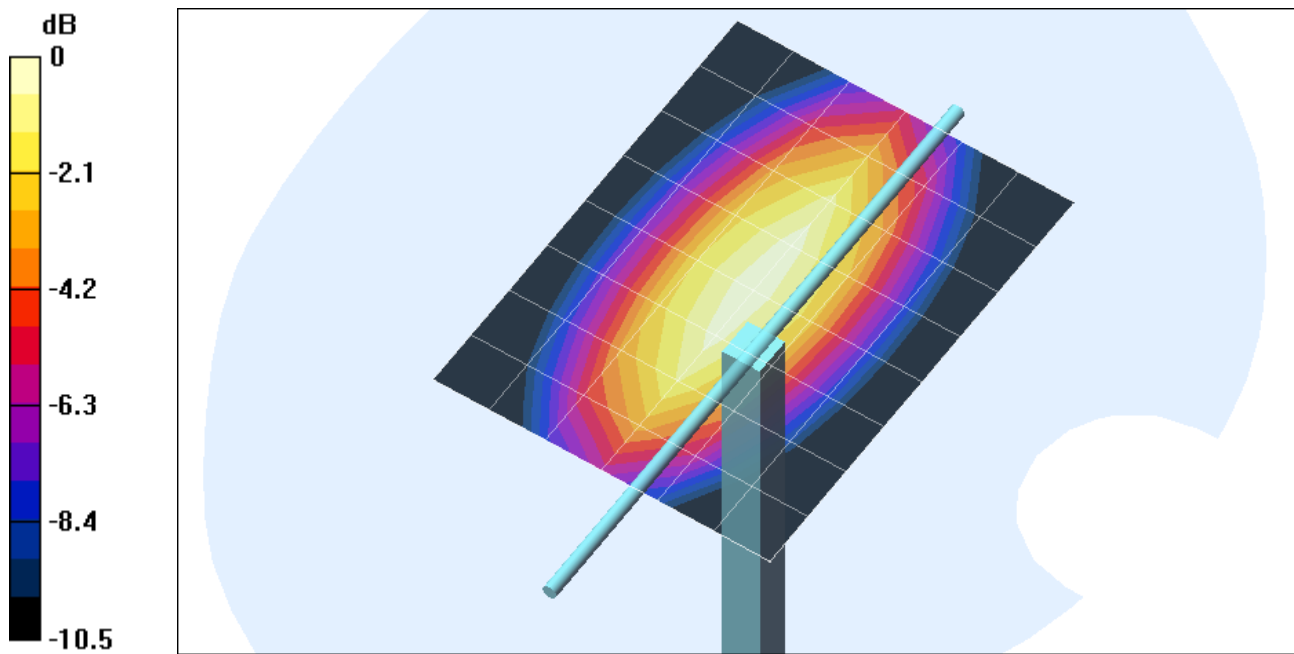
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 835$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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 = 55.1 V/m; Power Drift = -0.2 dB
 Maximum value of SAR (measured) = 2.58 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Reference Value = 55.1 V/m; Power Drift = -0.2 dB
 Maximum value of SAR (measured) = 2.57 mW/g
 Peak SAR (extrapolated) = 3.46 W/kg
SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.56 mW/g



0 dB = 2.57mW/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 = 55.1 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 2.64 mW/g

