

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: $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

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

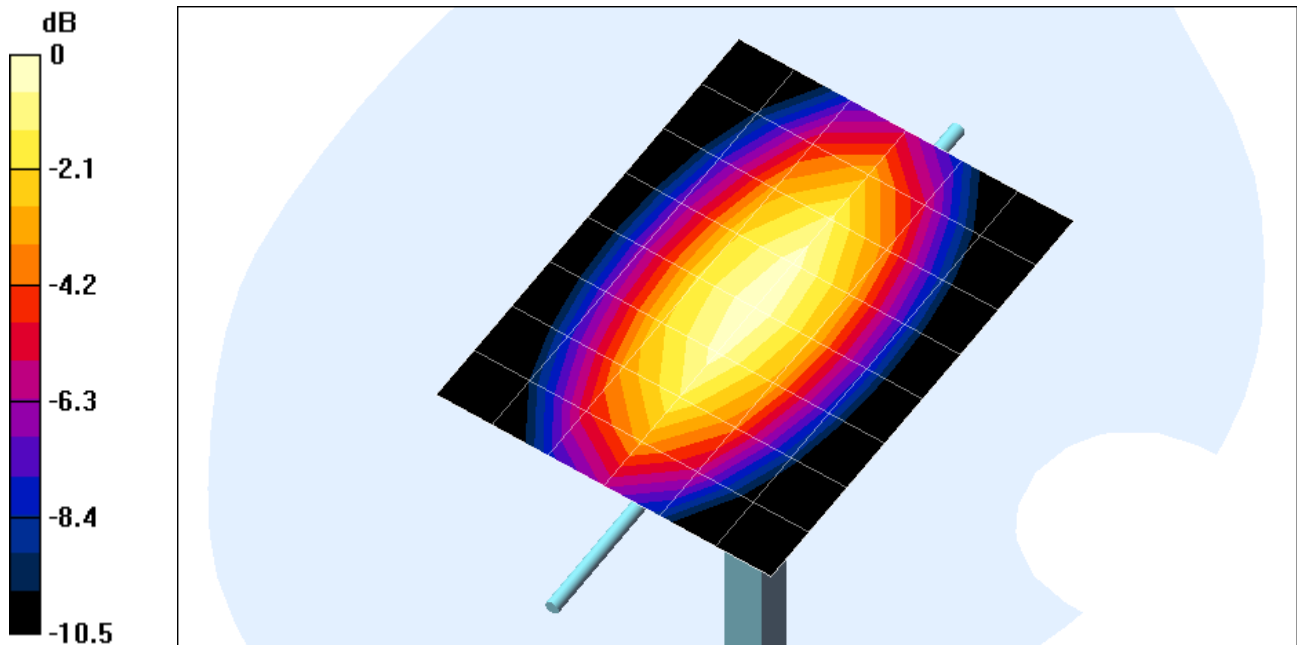
d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

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

