Date/Time: 06/04/04 09:48:50

Test Laboratory: Compliance Certification Services
File Name: D835V2SN4d002_060404.da4

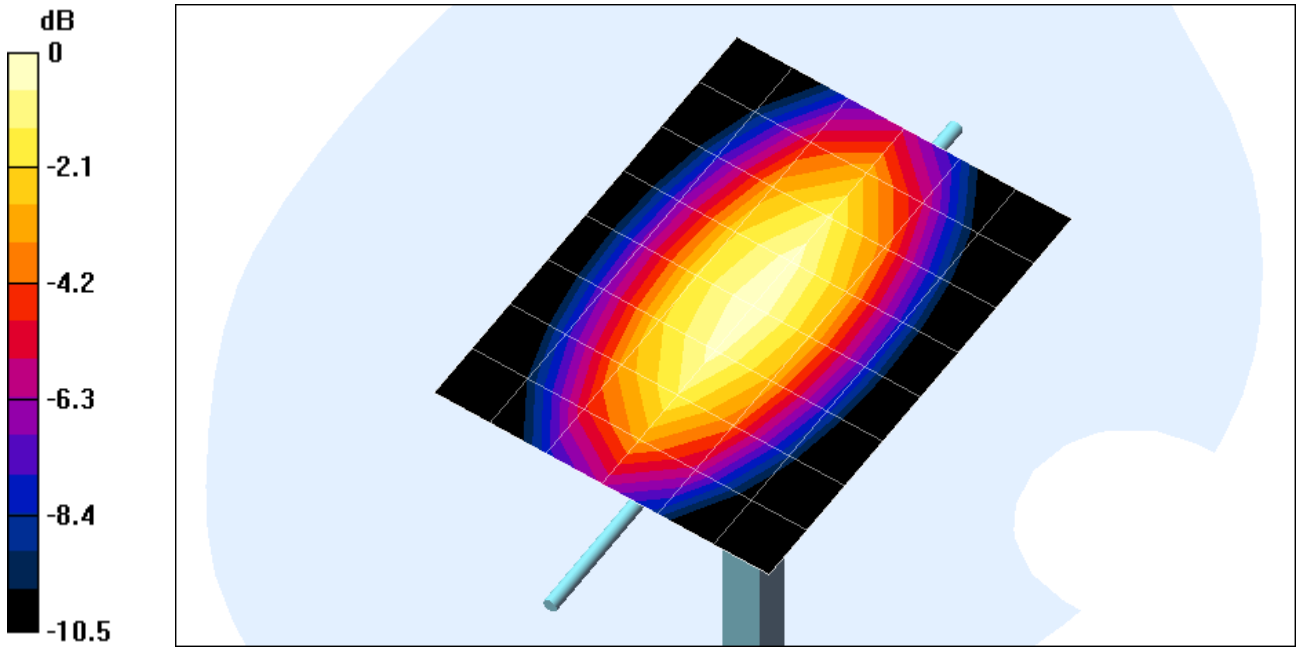
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d002
Program Name: System Performance Check at 835 MHz
Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.914 mho/m; ε_r = 41.8; ρ = 1000 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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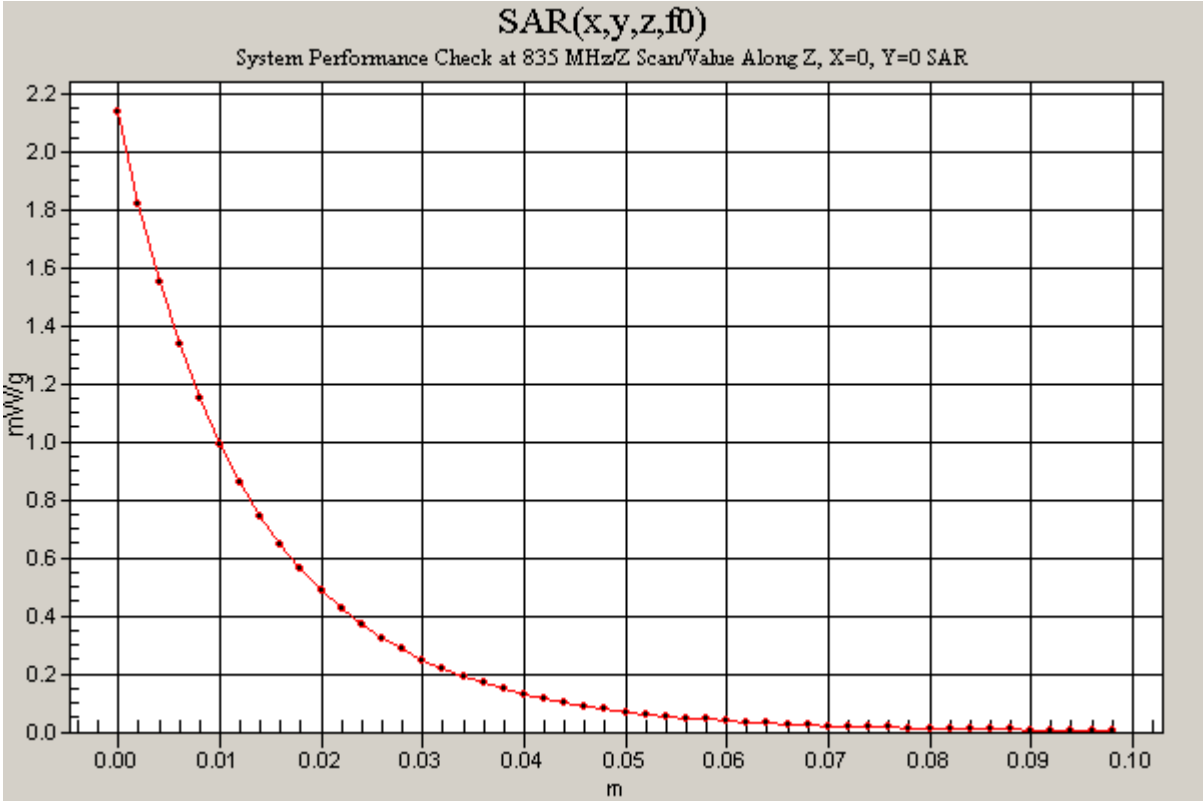
d=15mm, Pin=250mW/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 53.1 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 2.14 mW/g