

Test Laboratory: Compliance Certification Services

File Name: [D1900V2 SN5d043_083104.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d043

Program Name: System Performance Check at 1900 MHz

Ambient Temp.: deg. 25.0 C; Liquid Temp.: 24.0 deg. C

Area scan setting - Find secondary maximum within: 2.0 dB (58.35%)

Zoom scan setting - Maximum number of cubes to measure: 2

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98); Calibrated: 7/18/2004

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

d=10mm; Pin=250mW 2/Area Scan (6x6x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (measured) = 6.14 mW/g

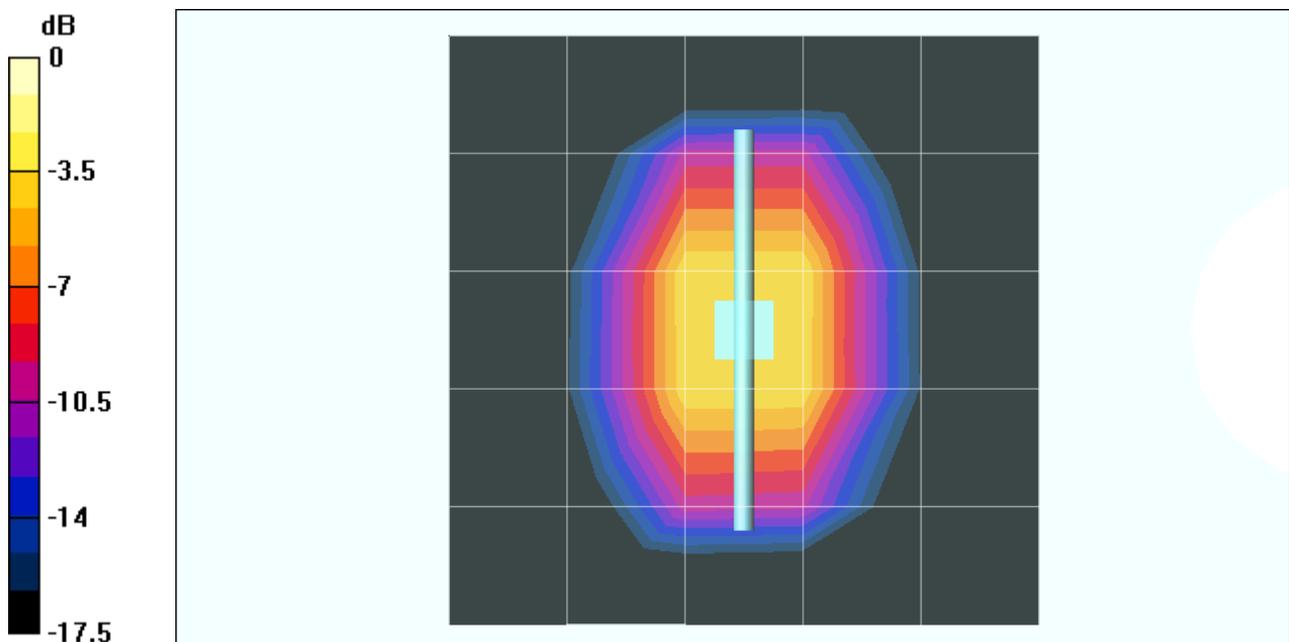
d=10mm; Pin=250mW 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 102.0 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 9.7 mW/g; SAR(10 g) = 5.04 mW/g

Maximum value of SAR (measured) = 14 mW/g



0 dB = 14mW/g

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Phantom section: Flat Section

d=10mm; Pin=250mW 2/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 18.2 mW/g

