

Test Laboratory: Compliance Certification Services

System Performance Check @ 1450MHz

DUT: Dipole 1450 MHz; Type: D1450V2; Serial: D1450V2 - SN:1020

Communication System: CW; Frequency: 1450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1450$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(8.41, 8.41, 8.41); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=10mm; Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.88 mW/g

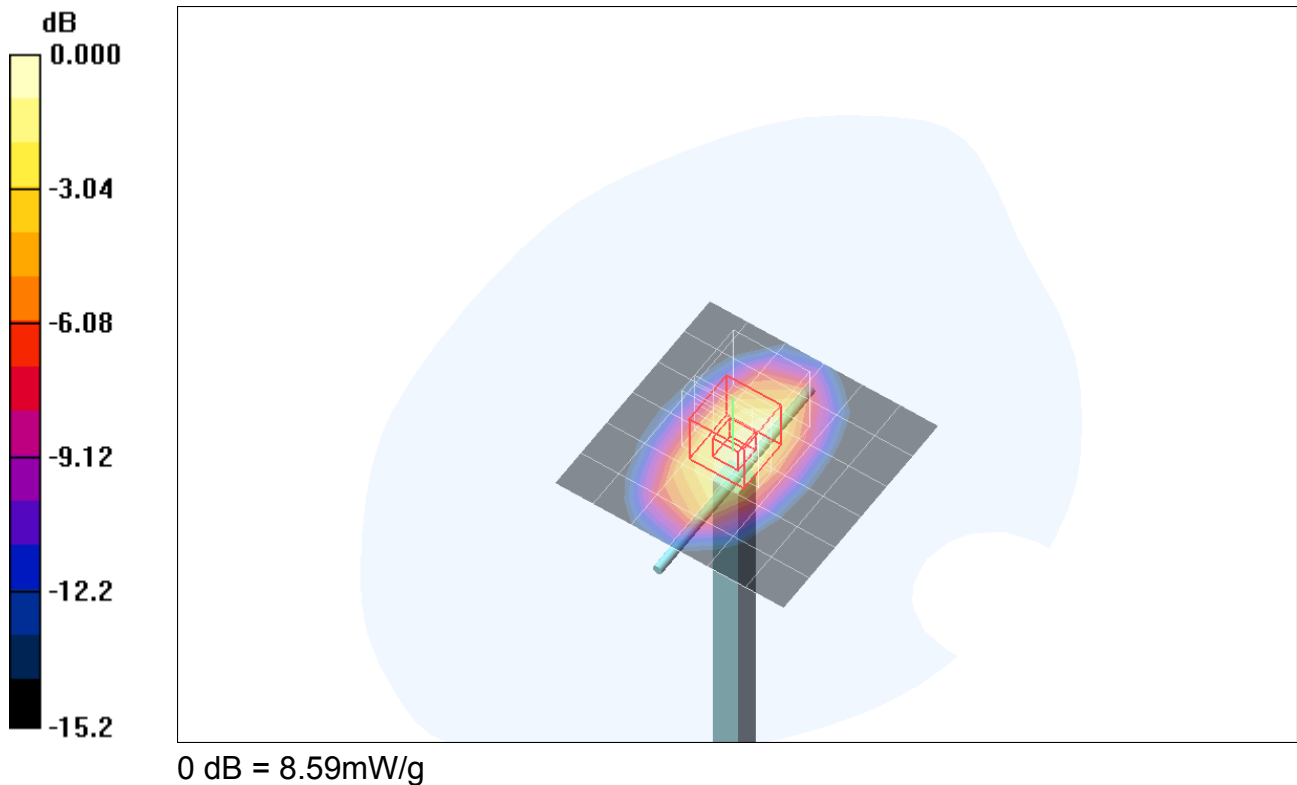
d=10mm; Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 80.5 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 7.74 mW/g; SAR(10 g) = 4.31 mW/g

Maximum value of SAR (measured) = 8.59 mW/g



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d=10mm; Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 5.07 mW/g

