



Compliance Certification Services Inc.

Test Laboratory: Compliance Certification Services Inc.

System Performance Check Body-D2450_2011.07.19

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; SN:817

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 52.71$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (EX-Probe)/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 103.55 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 27.671 W/kg

SAR(1 g) = 13.58 mW/g; SAR(10 g) = 6.31 mW/g

Maximum value of SAR (measured) = 17.409 mW/g

