

System Performance Check - 450MHz Dipole

Large Planar Phantom; Planar Section

Probe: ET3DV6 - SN1387; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.84$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7: Peak: 2.03 mW/g, SAR (1g): 1.25 mW/g, SAR (10g): 0.808 mW/g, (Worst-case extrapolation)

Penetration depth: 11.9 (10.1, 14.3) [mm]

Powerdrift: 0.02 dB

450MHz System Validation

Forward Conducted Power: 250 mW

Ambient Temp 24.4 °C; Fluid Temp 21.6 °C

Date Tested: August 18, 2003

