

# 450MHz Dipole Validation

SAM(835M) Phantom; Flat Section; Probe: ET3DV6-SN1702; ConvF(7.60,7.60,7.60);  
Med. parameter 450 MHz Muscle:  $\sigma = 0.98$  mho/m  $\epsilon_r = 57.2$   $\rho = 1.00$  g/cm<sup>3</sup>; Crest factor: 1.0;  
SAR (1g): 1.27 mW/g, SAR (10g): 0.824 mW/g;

Dipole validation:  
for  $f < 1$  GHz, distance to the liquid  $d = 15$  mm  
for  $f > 1$  GHz, distance to the liquid  $d = 10$  mm  
Test Date -- June 30. 2004

