

# 835MHz Brain Dipole Validation

SAM Phantom; Flat Section; Probe:ET3DV6 - SN1560; ConvF(6.78,6.78,6.78)

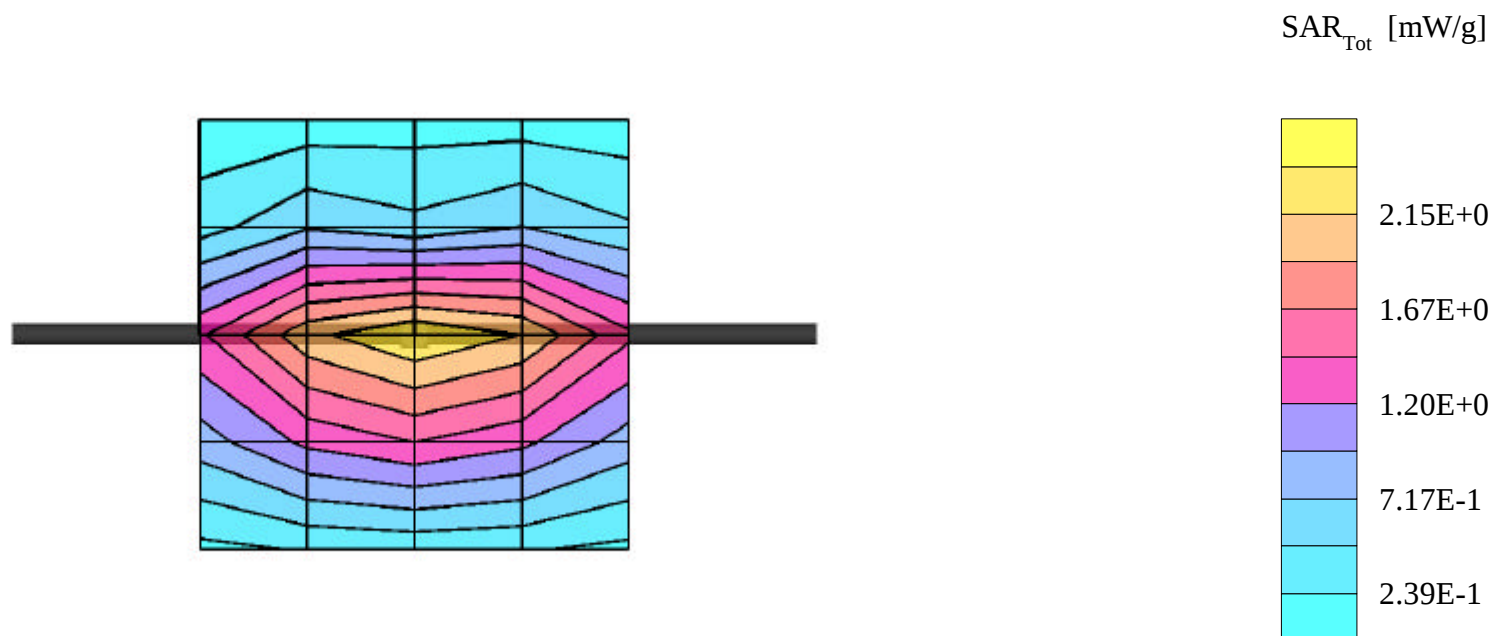
Med. Parameters 835 MHz Brain:  $\sigma = 0.91\text{mho/m}$   $\epsilon_r = 40.1$   $\rho = 1.00\text{ g/cm}^3$ ; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 2.45 mW/g, SAR (10g): 1.58 mW/g

835MHz Brain Dipole Validation (D835V2 S/N: 406)

Frequency: 835 MHz; Antenna Input Power: 250 [mW]; Ambient Temp. = 22.3°C / Meas. Tissue Temp. = 22.1°C

PCTEST Brain Tissue Simulating Liquid [04/24/2002]



# 1900MHz Brain Dipole Validation

SAM Phantom; Flat Section; Probe:ET3DV6 - SN1560; ConvF(5.16,5.16,5.16)

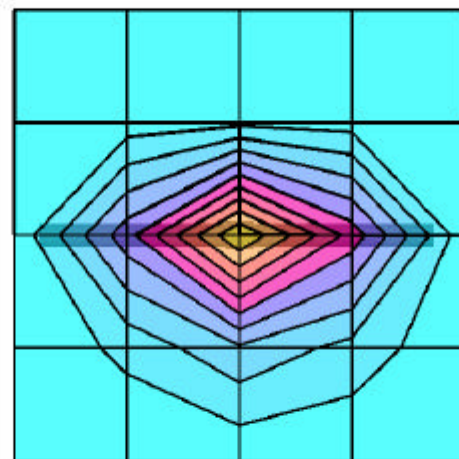
Med. Parameters 1900 MHz Brain:  $\sigma = 1.41$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 10.0 mW/g, SAR (10g): 5.18 mW/g

1900MHz Brain Dipole Validation (D1900V2 S/N: 502)

Frequency: 1900 MHz; Antenna Input Power: 250 [mW]; Ambient Temp. = 22.1°C / Meas. Tissue Temp. = 22.0°C

PCTEST Brain Tissue Simulating Liquid [04/25/2002]



$SAR_{Tot}$  [mW/g]

