# 835MHz Brain Dipole Validation

Generic Twin Phantom; Flat Section; Probe: ET3DV6 - SN1560 -- Probe Cal Date 20/02/01

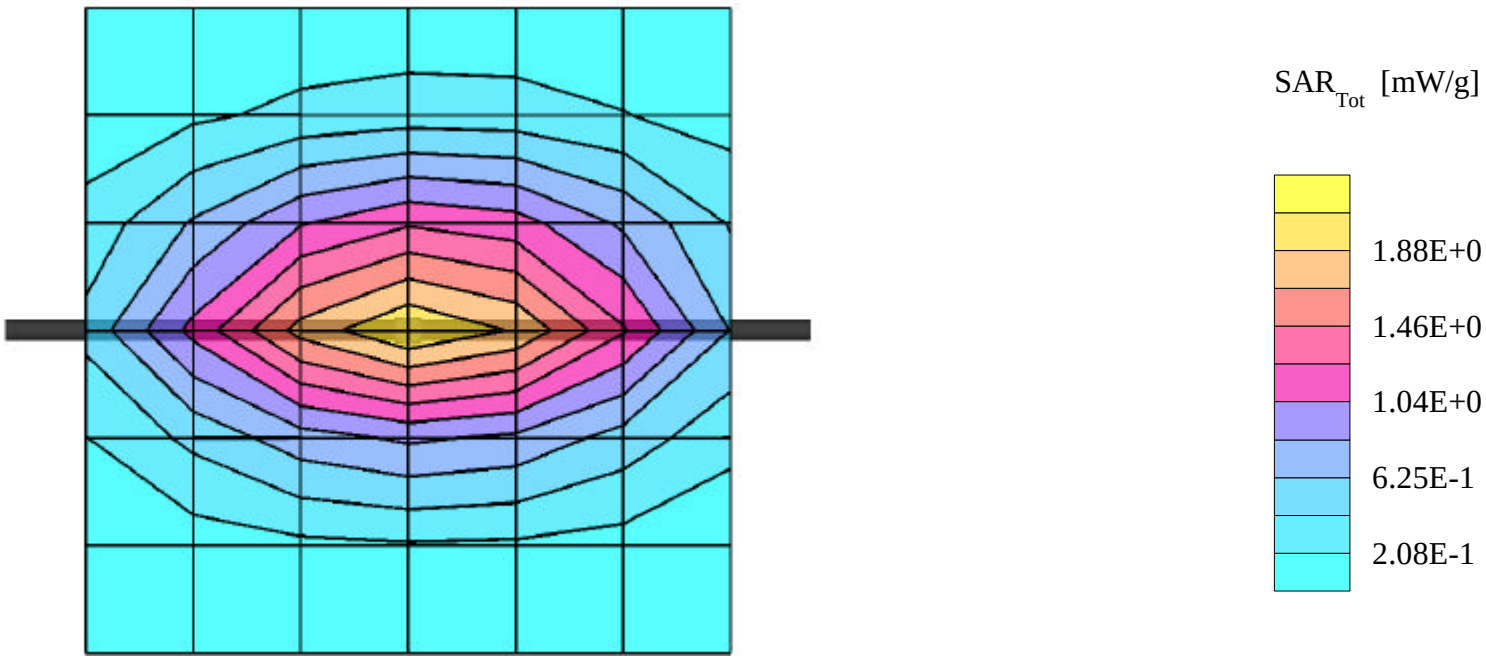
Med. Parameters 835 MHz Brain: $\sigma$ = 0.90 mho/m $\varepsilon_r$ = 41.5 $\rho$ = 1.00 g/cm$^3$; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 2.09 mW/g, SAR (10g): 1.40 mW/g

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

Frequency: 835 MHz; Antenna Input Power: 250 [mW]

PCTEST Brain Tissue Simulating Liquid



# 835MHz Muscle Dipole Validation

Generic Twin Phantom; Flat Section; Probe: ET3DV6 - SN1560 -- Probe Cal Date 20/02/01

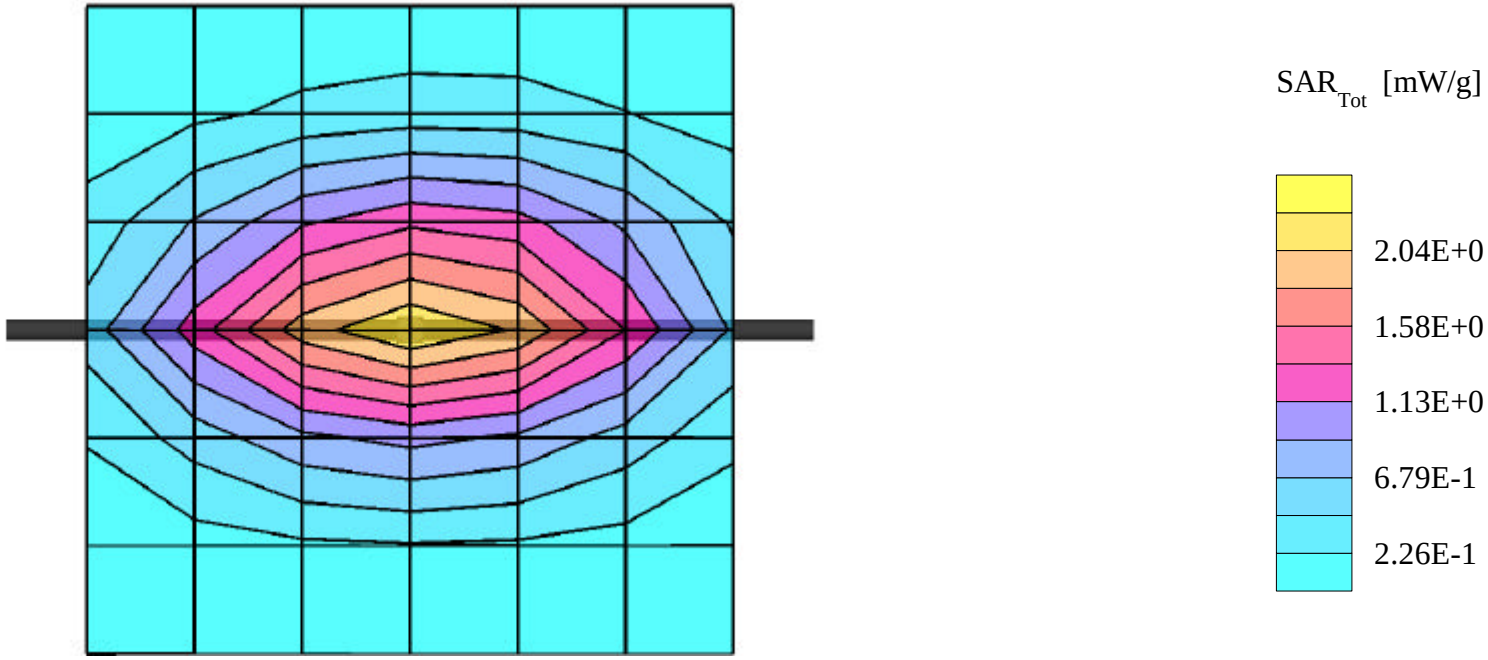
Med. Parameters 835 MHz Muscle: $\sigma$ = 0.97 mho/m $\varepsilon_r$ = 55.2 $\rho$ = 1.00 g/cm$^3$; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 2.17 mW/g, SAR (10g): 1.46 mW/g

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

Frequency: 835 MHz; Antenna Input Power: 250 [mW]

PCTEST Muscle Tissue Simulating Liquid



# 1900MHz Brain Dipole Validation

Generic Twin Phantom; Flat Section; Probe: ET3DV6 - SN1560 -- Probe Cal Date 20/02/01

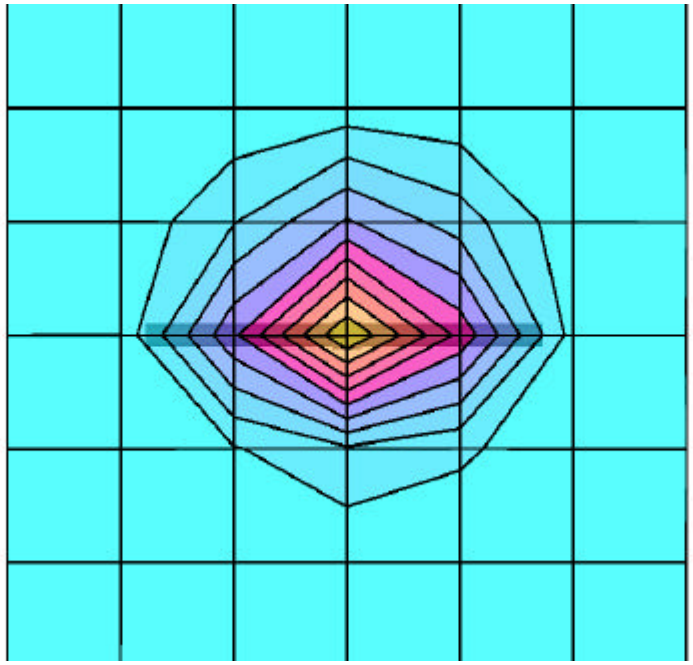
Med. Parameters 1900 MHz Brain: $\sigma$ = 1.62 mho/m $\varepsilon_r$ = 40.0 $\rho$ = 1.00 g/cm$^3$; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 9.32 mW/g, SAR (10g): 4.77 mW/g

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

Frequency: 1900 MHz; Antenna Input Power: 250 [mW]

PCTEST Brain Tissue Simulating Liquid



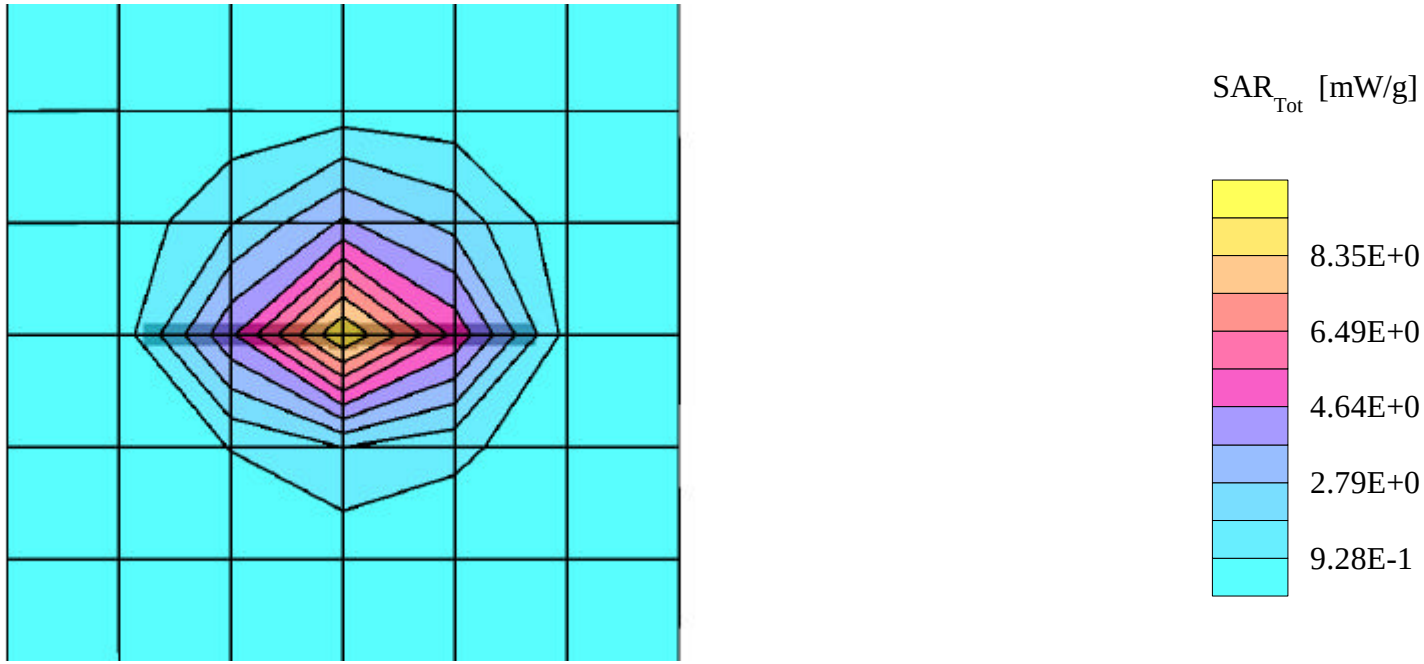
# 1900MHz Muscle Dipole Validation

Generic Twin Phantom; Flat Section; Probe: ET3DV6 - SN1560 -- Probe Cal Date 20/02/01

Med. Parameters 1900 MHz Muscle: $\sigma$ = 1.52 mho/m $\varepsilon_r$ = 53.3 $\rho$ = 1.00 g/cm$^3$; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 9.48 mW/g, SAR (10g): 4.88 mW/g

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

Frequency: 1900 MHz; Antenna Input Power: 250 [mW]

PCTEST Muscle Tissue Simulating Liquid