

Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (1g): 0.679 mW/g, SAR (10g): 0.460 mW/g

Body SAR with 1.0cm Belt-Holster

Sewon Telecom

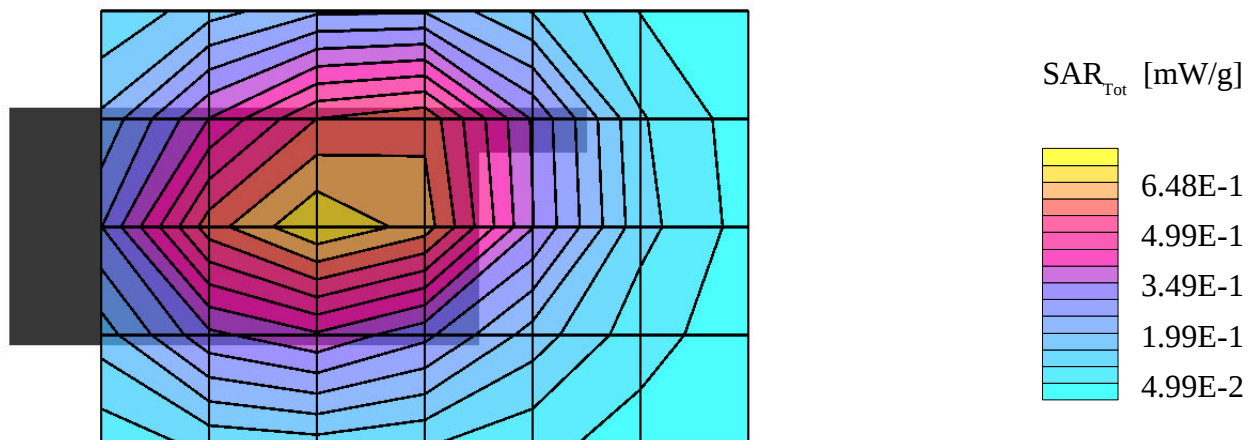
Model SWC-2001W

Unmodulated carrier

Channel 383 [836.49MHz]

Conducted Power 27.5dBm

Date Tested: Feb 20, 2001



Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (1g): 0.644 mW/g, SAR (10g): 0.437 mW/g

Body SAR with 1.0cm Belt-Holster

Sewon Telecom

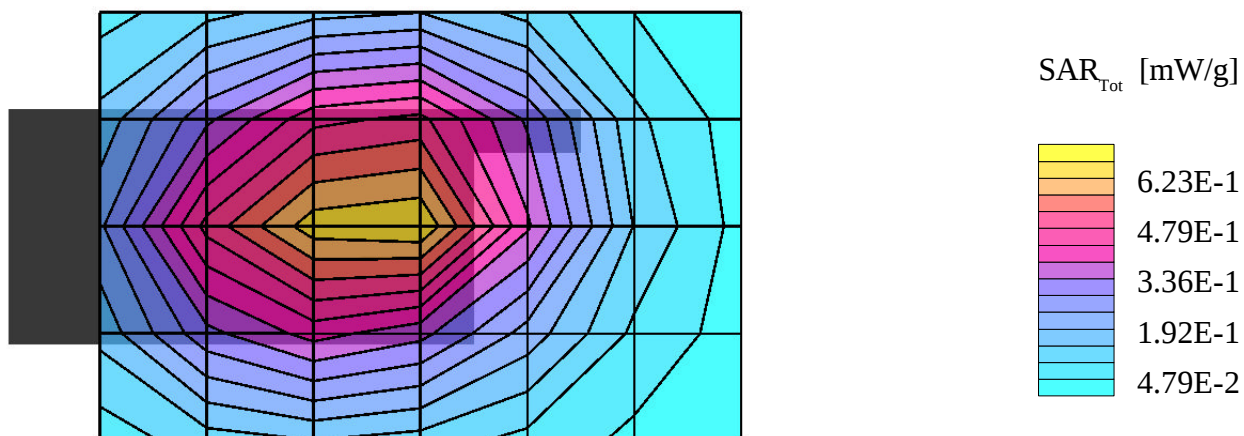
Model SWC-2001W

Unmodulated carrier

Channel 799 [848.97MHz]

Conducted Power 27.5dBm

Date Tested: Feb 20, 2001



Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (1g): 0.526 mW/g, SAR (10g): 0.357 mW/g

Body SAR with 1.0cm Belt-Holster

Sewon Telecom

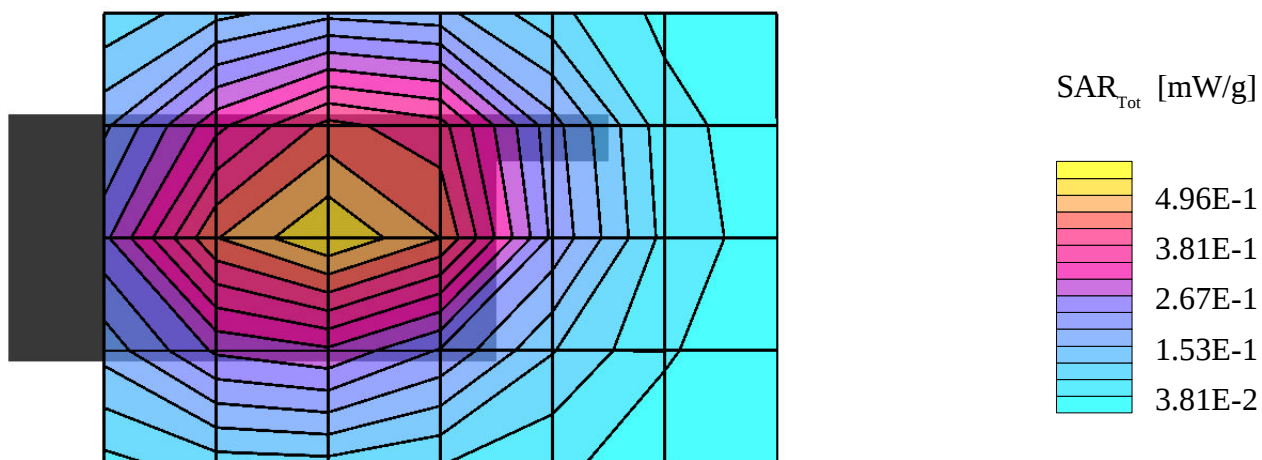
Model SWC-2001W

CDMA Mode

Channel 1013 [824.70MHz]

Conducted Power 26.0dBm

Date Tested: Feb 20, 2001



Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (1g): 0.482 mW/g, SAR (10g): 0.323 mW/g

Body SAR with 1.0cm Belt-Holster

Sewon Telecom

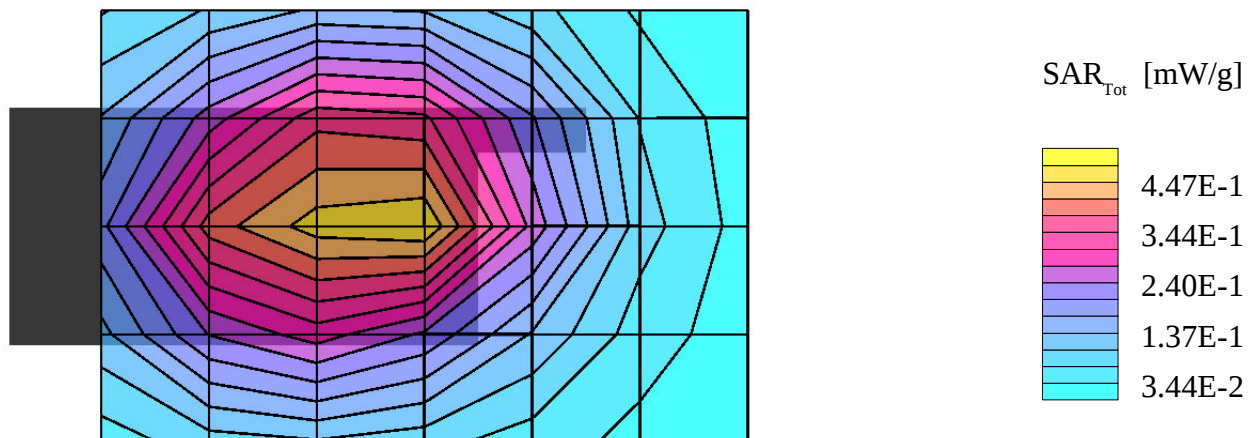
Model SWC-2001W

CDMA Mode

Channel 363 [835.89MHz]

Conducted Power 26.0dBm

Date Tested: Feb 20, 2001



Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (1g): 0.420 mW/g, SAR (10g): 0.285 mW/g

Body SAR with 1.0cm Belt-Holster

Sewon Telecom

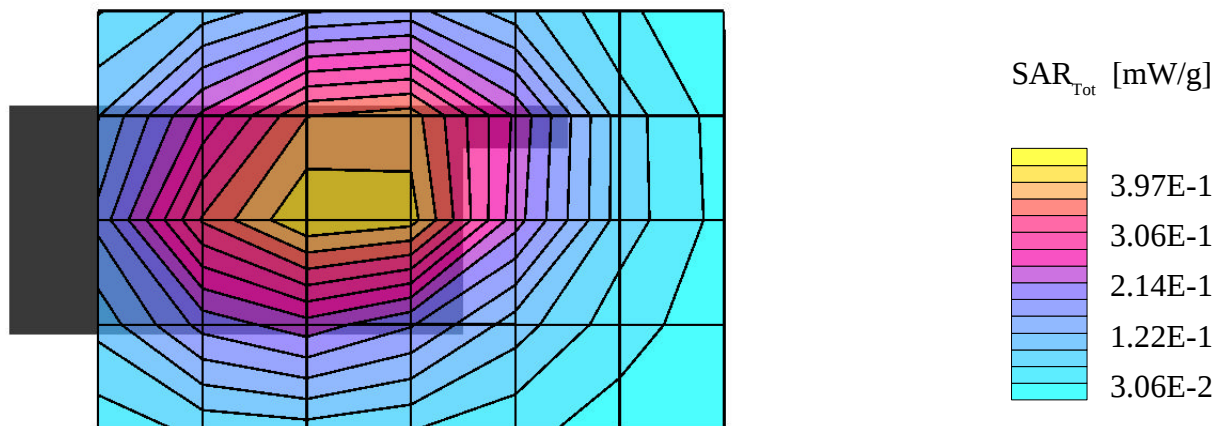
Model SWC-2001W

CDMA Mode

Channel 777 [848.31MHz]

Conducted Power 26.0dBm

Date Tested: Feb 20, 2001



Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (10g): 1.08 mW/g

Hand SAR

Sewon Telecom

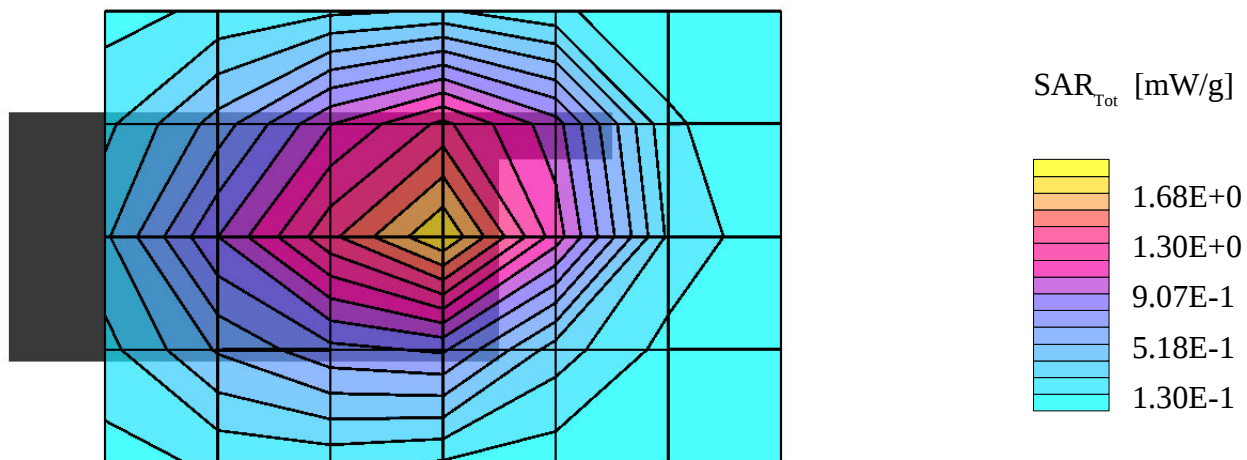
Model SWC-2001W

Unmodulated Carrier

Channel 991 [824.04MHz]

Conducted Power 27.0dBm

Date Tested: Feb 20, 2001



Sewon Telecom FCC ID: PFZSWC-2001W

Generic Twin Phantom; Flat Section; Position: (270°,270°)

Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0

Muscle 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Cube 5x5x7

SAR (10g): 0.894 mW/g

Hand SAR

Sewon Telecom

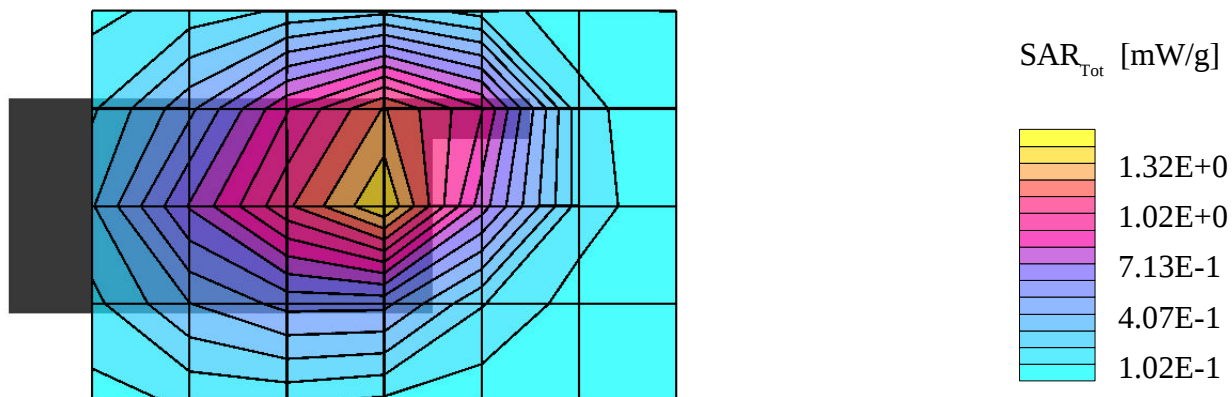
Model SWC-2001W

CDMA Mode

Channel 1013 [824.70MHz]

Conducted Power 26.0dBm

Date Tested: Feb 20, 2001

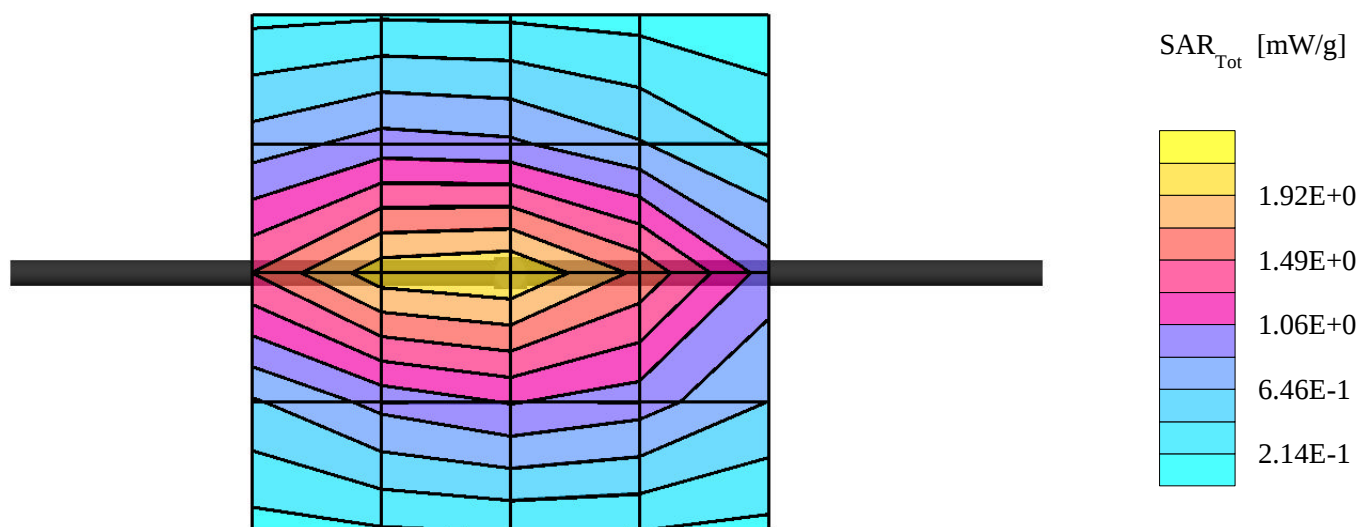


APPENDIX B - DIPOLE VALIDATION

Dipole 835 MHz

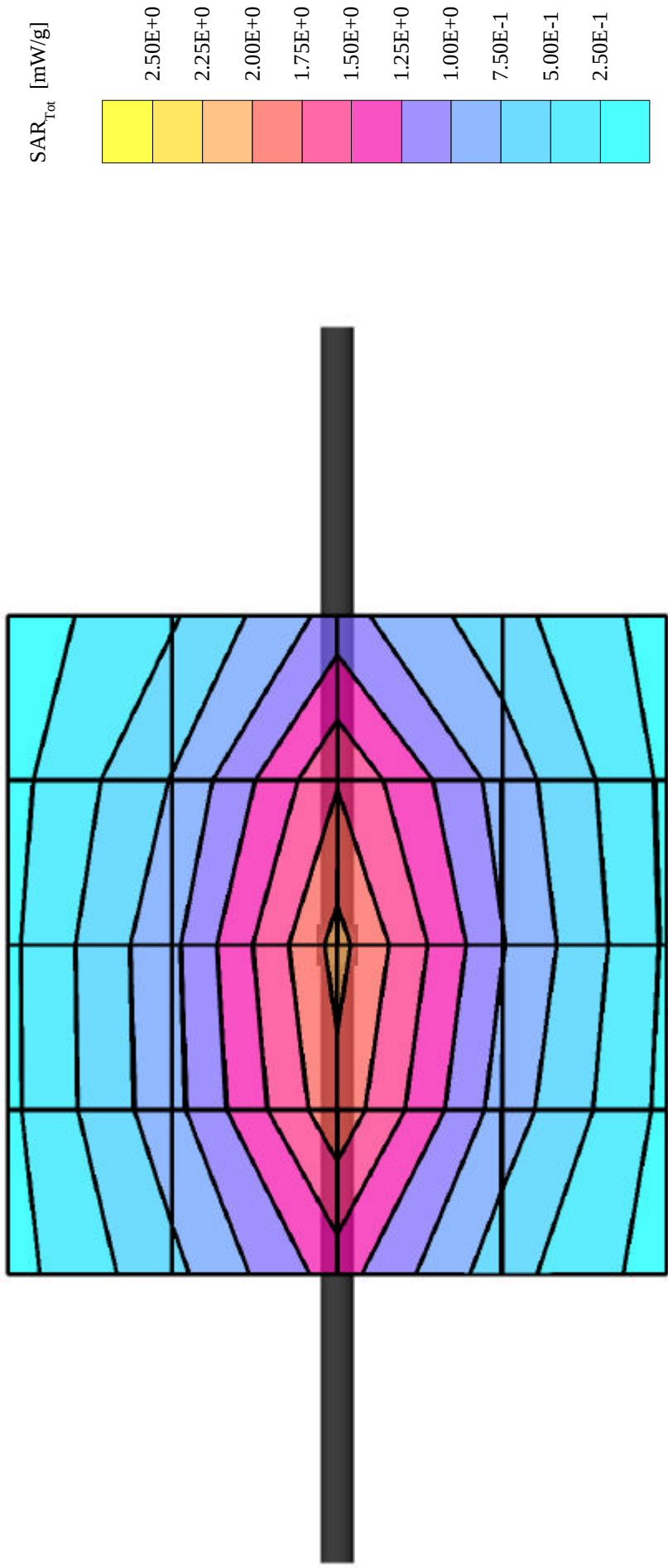
Generic Twin Phantom; Flat Section; Position: (90°,90°);
Probe: ET3DV6 - SN1387; ConvF(6.43,6.43,6.43); Crest factor: 1.0;
Brain 835 MHz: $\sigma = 0.80$ mho/m $\epsilon_r = 44.2$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 2.02 mW/g, SAR (10g): 1.33 mW/g

Validation Date: February 20, 2001



Validation Dipole D835V2 SN:411, d = 15mm

Frequency: 835 MHz; Antenna Input Power: 250 [mW]
Generic Twin Phantom; Flat Section; Grid Spacing: Dx = 20.0, Dy = 20.0, Dz = 10.0
Probe: ET3DV5 - SN1342/DAE3; ConvF(5.75,5.75,5.75); Brain 835 MHz: $\sigma = 0.80$ mho/m $\epsilon_r = 44.2$ $\rho = 1.00$ g/cm³
Cubes (2): Peak: 3.07 mW/g ± 0.05 dB, SAR (1g): 2.06 mW/g ± 0.05 dB, SAR (10g): 1.38 mW/g ± 0.05 dB, (Worst-case extrapolation)
Penetration depth: 13.6 (12.7, 14.8) [mm]
Powerdrift: -0.00 dB



APPENDIX C - PROBE CALIBRATION