

**BODY SAR TEST PLOTS**

**WITH HANDHELD RADIO & ELEVATED FEED GAIN ANTENNA (KRE1011216/01)**

**(1.6cm T-Strap Separation Distance)**

**M/A-COM PRS INC. FCC ID: OWDTR-0014-E**

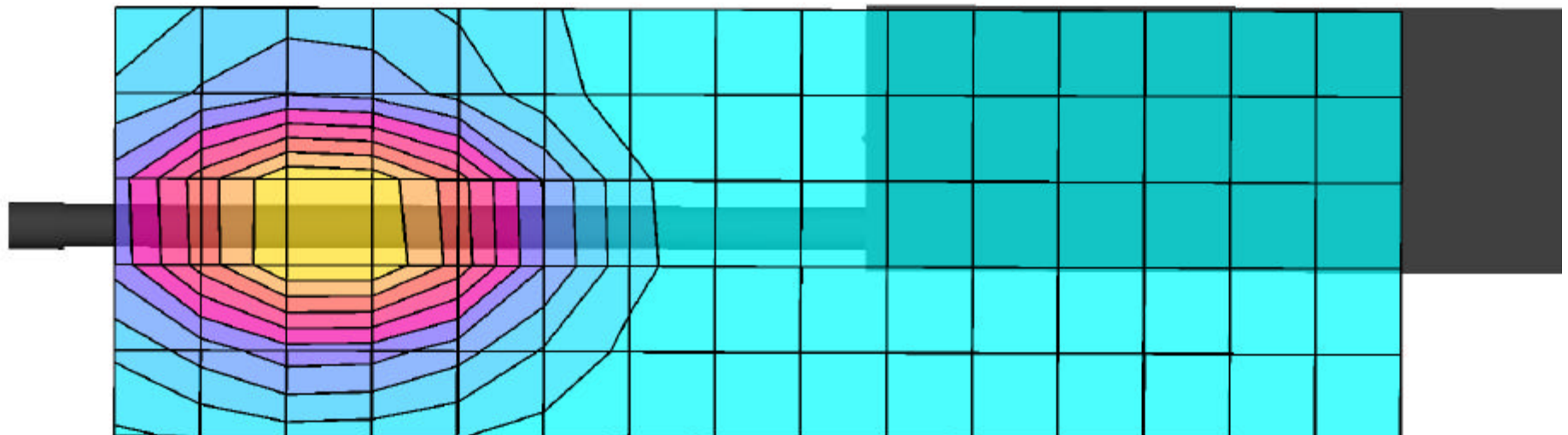
Small Planar Phantom: Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

**This large area scan is intended to show the peak SAR location relative to the device**

**Body-Worn SAR with 1.6 cm T-Strap Separation - FULL AREA SCAN**

**Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)**

Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 11.3 mW/g, SAR (10g): 8.11 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 10.3 mW/g, SAR (10g): 7.24 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [815.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 10.9 mW/g, SAR (10g): 7.67 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
High Channel [823.975 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 10.7 mW/g, SAR (10g): 7.44 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [850.970 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 9.21 mW/g, SAR (10g): 6.43 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [860.520 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 6.59 mW/g, SAR (10g): 4.64 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
High Channel [868.970 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001





### M/A-COM FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 10.9 mW/g, SAR (10g): 7.75 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Elevated Feed Gain Antenna (KRE1011216/01)  
Nickel Metal Hydride Battery (BKB191210/4)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



**BODY SAR TEST PLOTS**

**WITH HANDHELD RADIO & FLEXIBLE GAIN ANTENNA (KRE1011506/01)**

**(1.6cm T-Strap Separation Distance)**

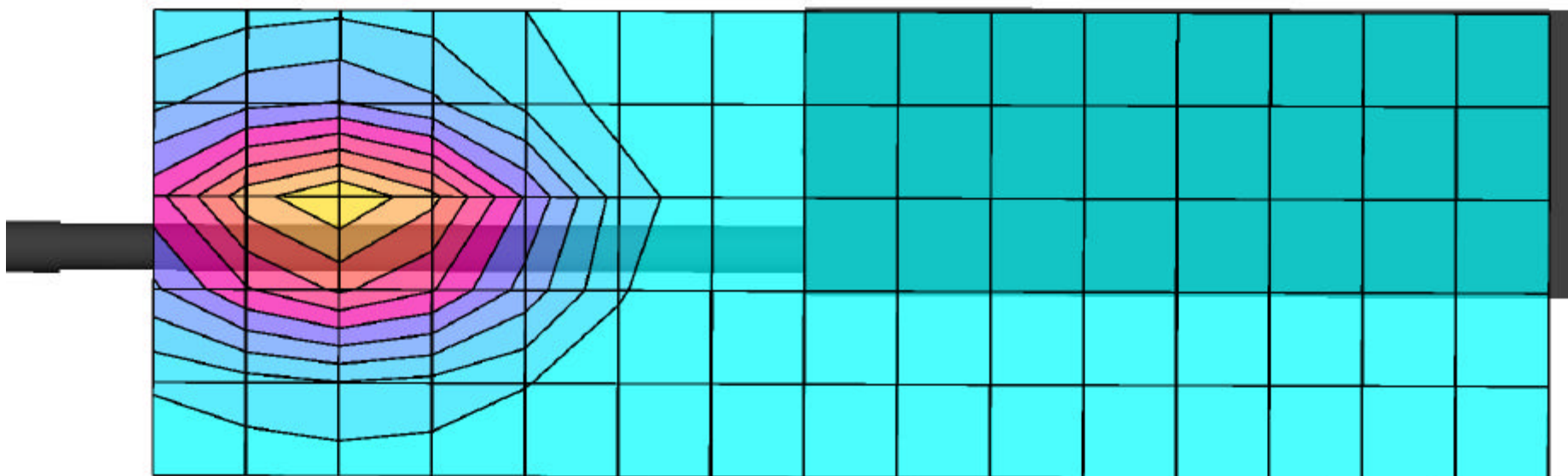
**M/A-COM PRS INC. FCC ID: OWDTR-0014-E**

Small Planar Phantom: Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

**This large area scan is intended to show the peak SAR location relative to the device**

**Body-Worn SAR with 1.6cm T-Strap Separation - FULL AREA SCAN**

**Portable FM PTT Radio Transceiver**  
**Flexible Gain Antenna (KRE1011506/01)**  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 9.83 mW/g, SAR (10g): 6.92 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 7.57 mW/g, SAR (10g): 5.31 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [815.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 6.75 mW/g, SAR (10g): 4.78 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
High Channel [823.975 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 7.07 mW/g, SAR (10g): 4.90 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [850.970 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 5.99 mW/g, SAR (10g): 4.17 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [860.520 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001





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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 4.64 mW/g, SAR (10g): 3.26 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
High Channel [868.970 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 7.74 mW/g, SAR (10g): 5.45 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Flexible Gain Antenna (KRE1011506/01)  
Nickel Metal Hydride Battery (BKB191210/4)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



**BODY SAR TEST PLOTS**

**WITH HANDHELD RADIO & WHIP ANTENNA (KRE1011223/01)**

**(1.6cm T-Strap Separation Distance)**

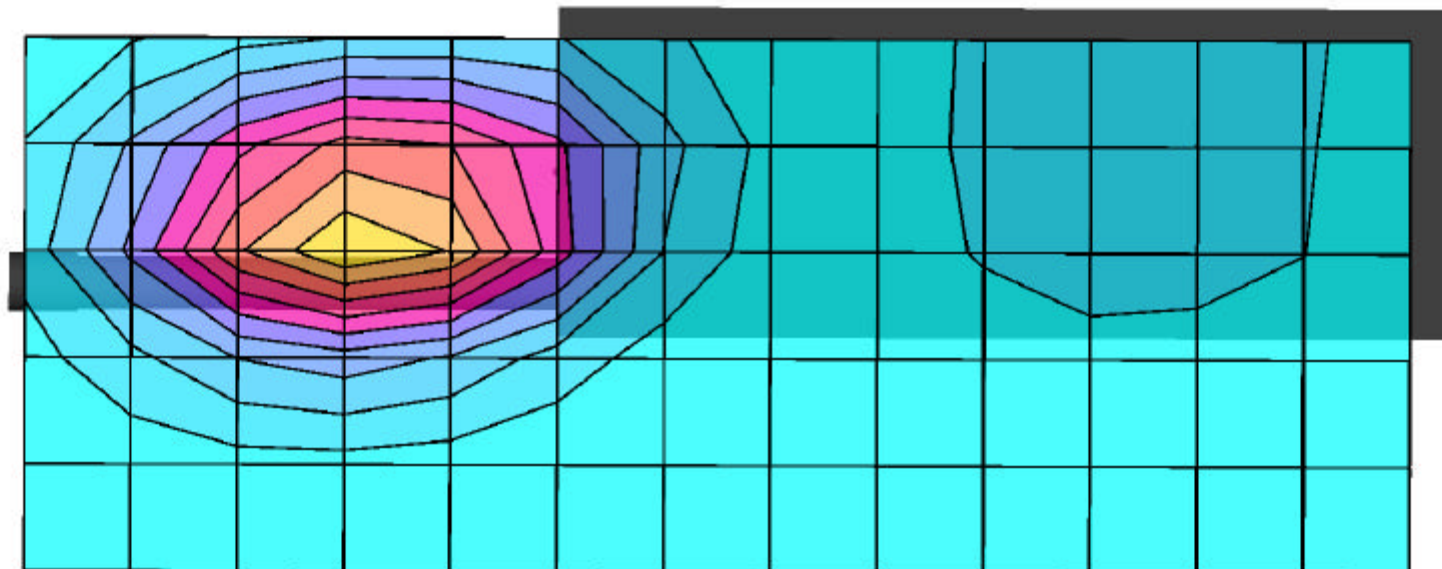
**M/A-COM PRS INC. FCC ID: OWDTR-0014-E**

Small Planar Phantom: Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

**This large area scan is intended to show the peak SAR location relative to the device**

**Body-Worn SAR with 1.6 cm T-Strap Separation - FULL AREA SCAN**

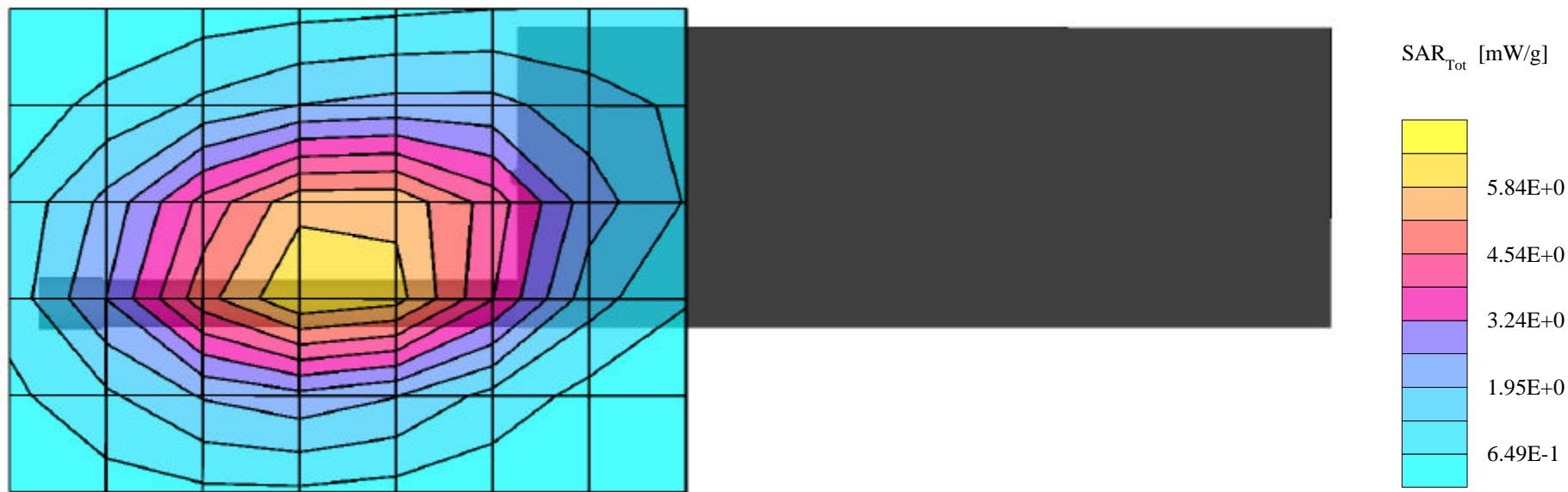
**Portable FM PTT Radio Transceiver**  
**Whip Antenna (KRE1011223/01)**  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [815.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 6.64 mW/g, SAR (10g): 4.63 mW/g

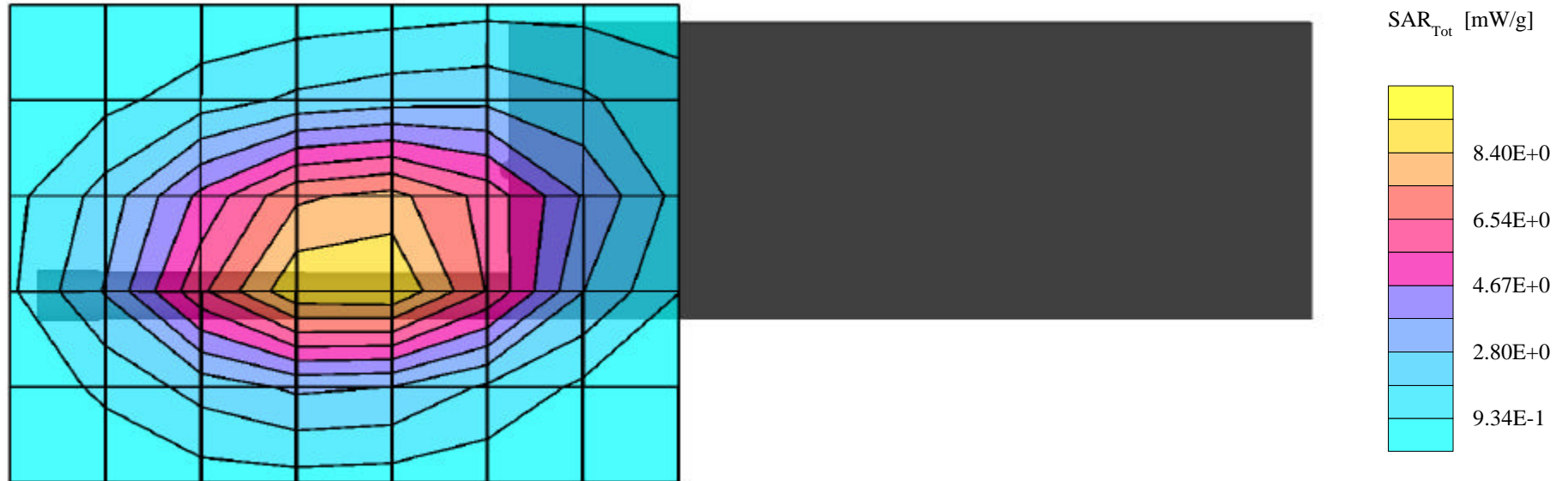
Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [806.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 9.69 mW/g, SAR (10g): 6.62 mW/g

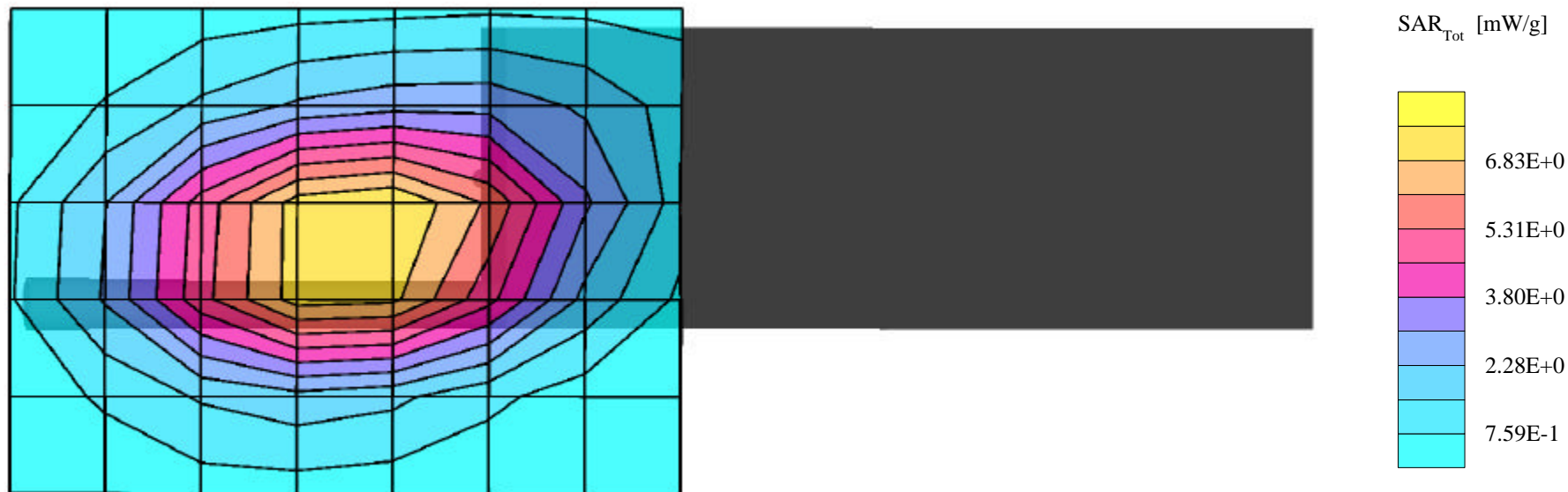
Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [815.000 MHz]  
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### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 8.40 mW/g, SAR (10g): 5.75 mW/g

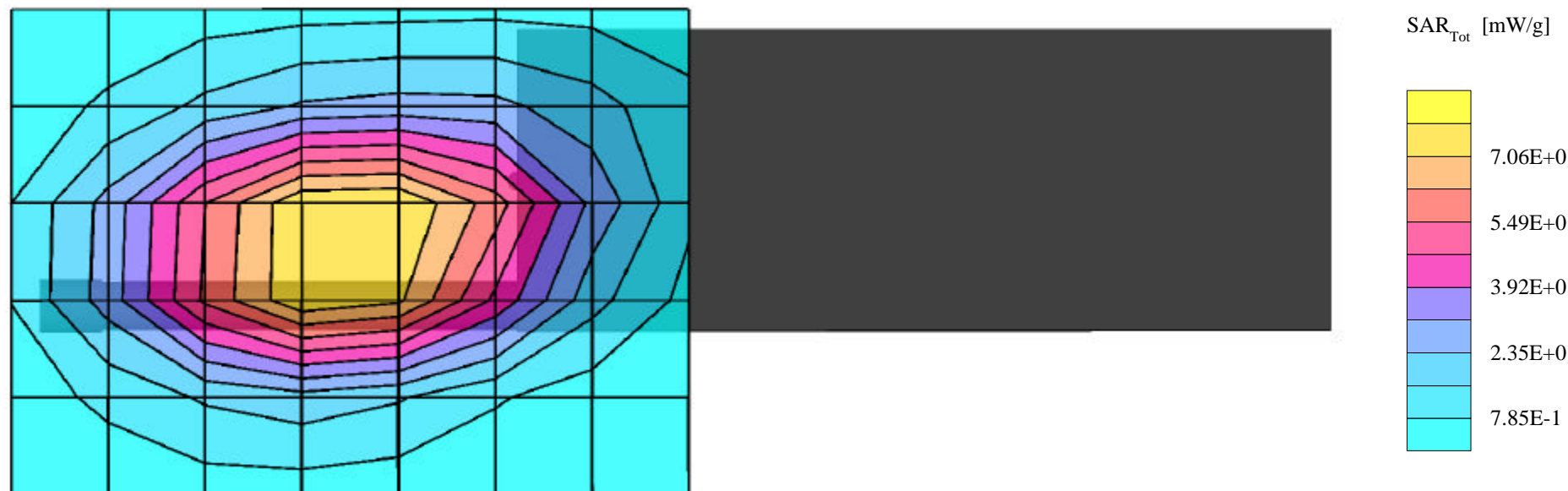
Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
High Channel [823.975 MHz]  
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Small Planar Phantom; Planar Section; Position: (270°,0°)  
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835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 8.71 mW/g, SAR (10g): 5.96 mW/g

Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Low Channel [850.970 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001

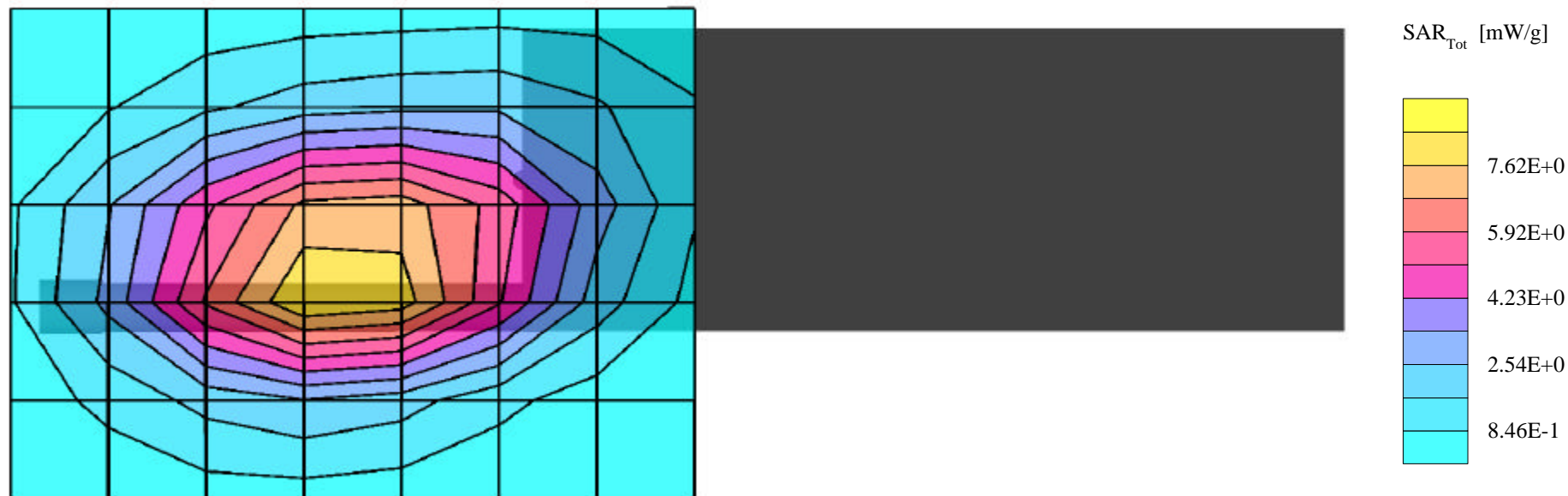




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Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 8.84 mW/g, SAR (10g): 5.97 mW/g

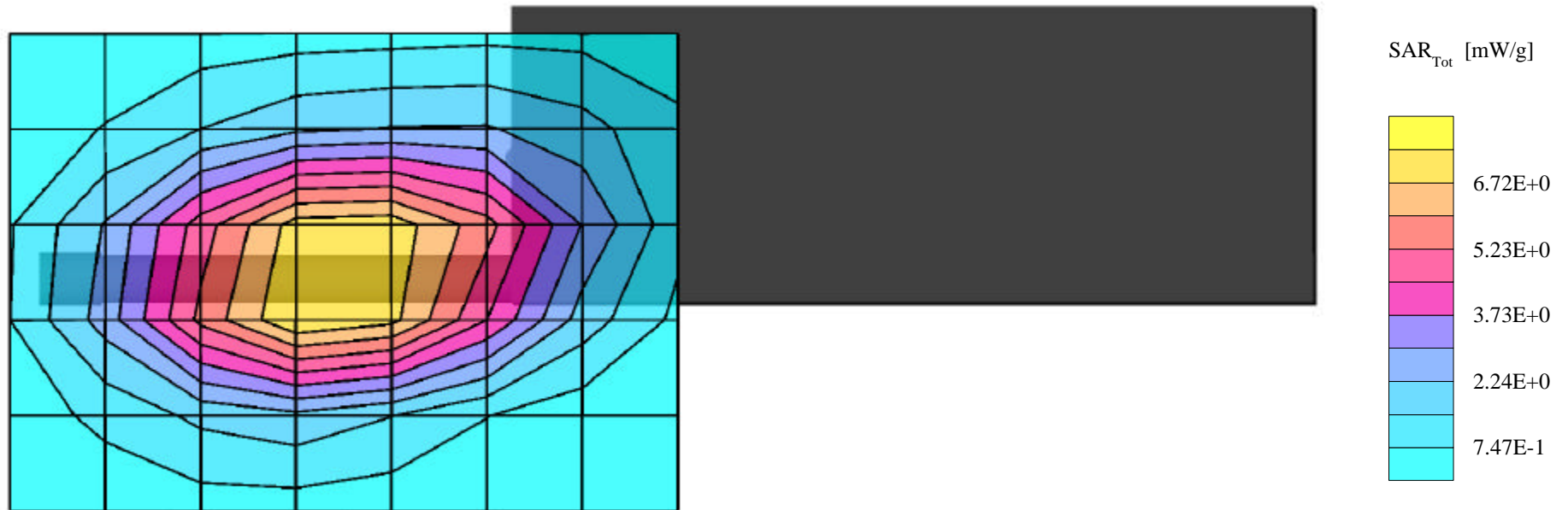
Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [860.520 MHz]  
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### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 7.21 mW/g, SAR (10g): 4.96 mW/g

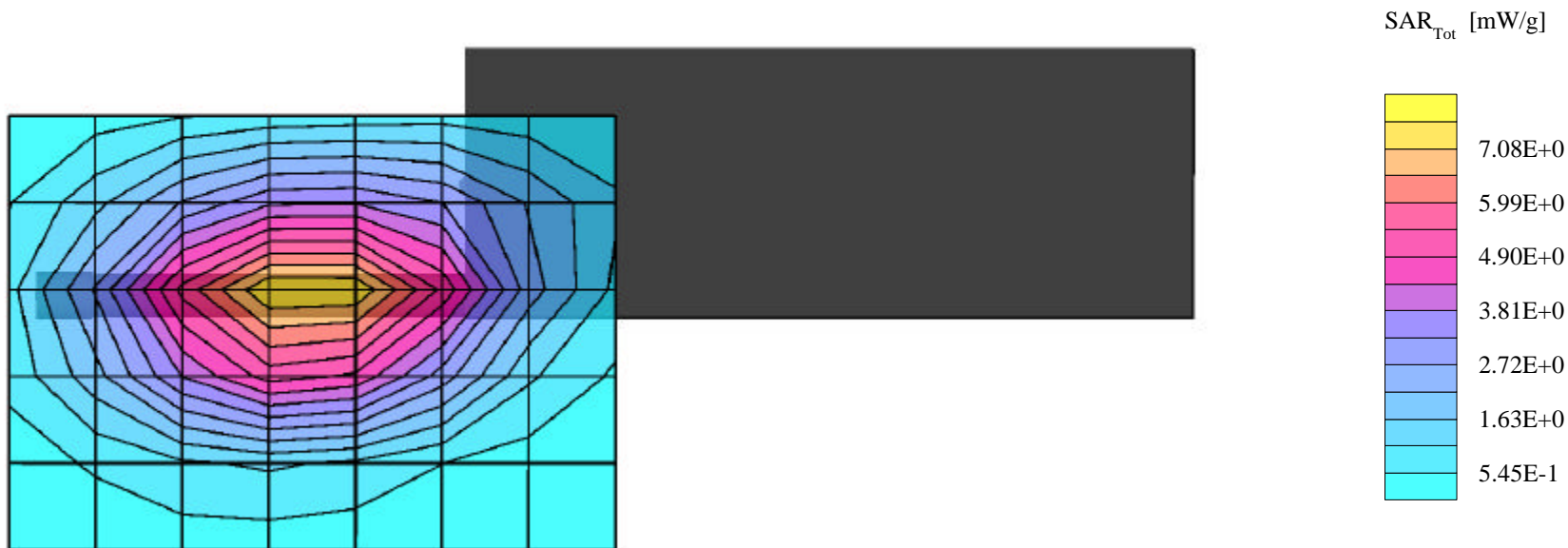
Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Cadmium Battery (BKB191210/3)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
High Channel [868.970 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



### M/A-COM PRS INC. FCC ID: OWDTR-0014-E

Small Planar Phantom; Planar Section; Position: (270°,0°)  
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0  
835 MHz Muscle:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Cube 5x5x7  
SAR (1g): 7.67 mW/g, SAR (10g): 5.33 mW/g

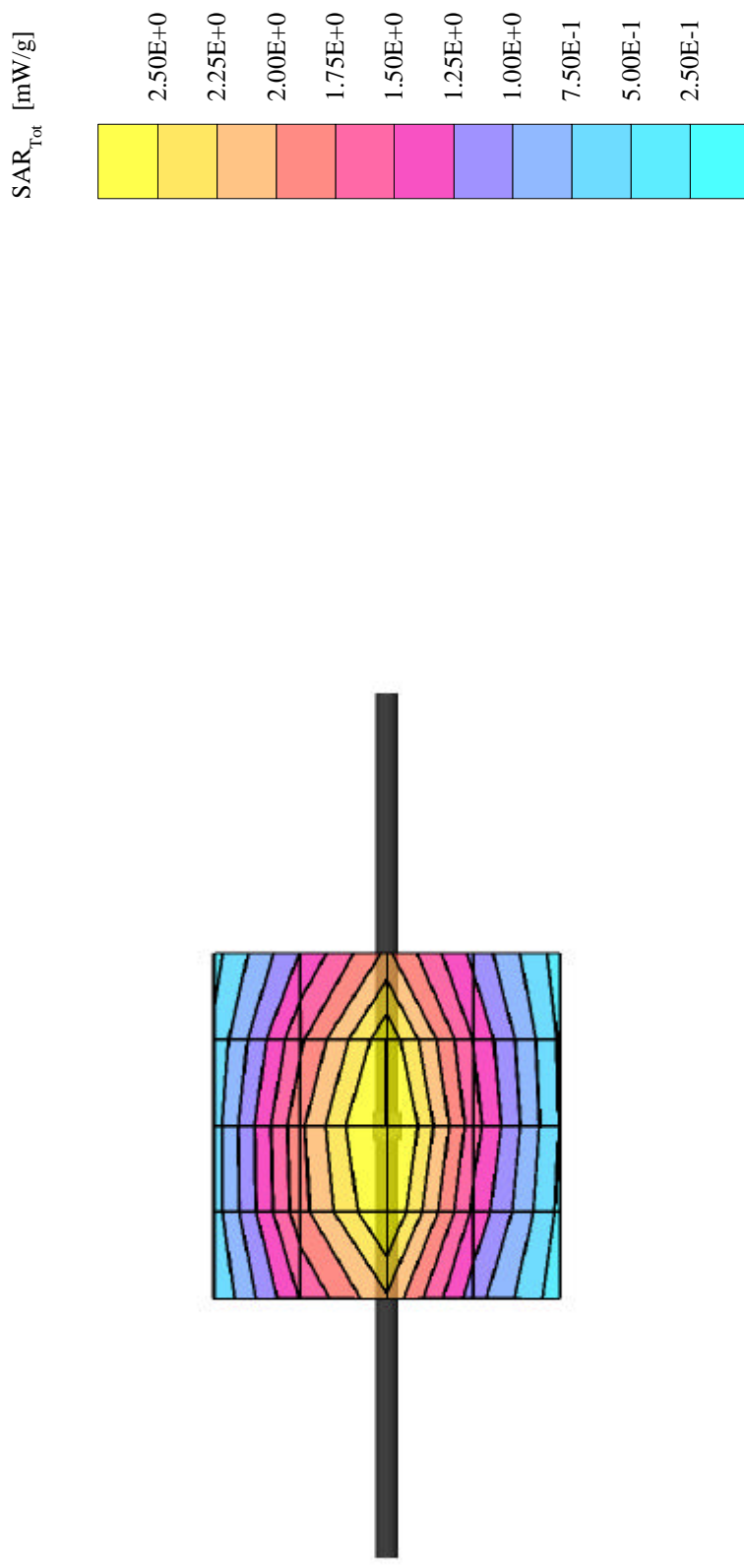
Body-Worn SAR with 1.6cm Nylon T-Strap  
Portable FM PTT Radio Transceiver  
Whip Antenna (KRE1011223/01)  
Nickel Metal Hydride Battery (BKB191210/4)  
M/A-Com Model: Jaguar 725P  
Continuous Wave Mode  
Mid Channel [815.000 MHz]  
Conducted Power: 3.2 Watts  
Date Tested: October 9, 2001



***APPENDIX B - DIPOLE VALIDATION***

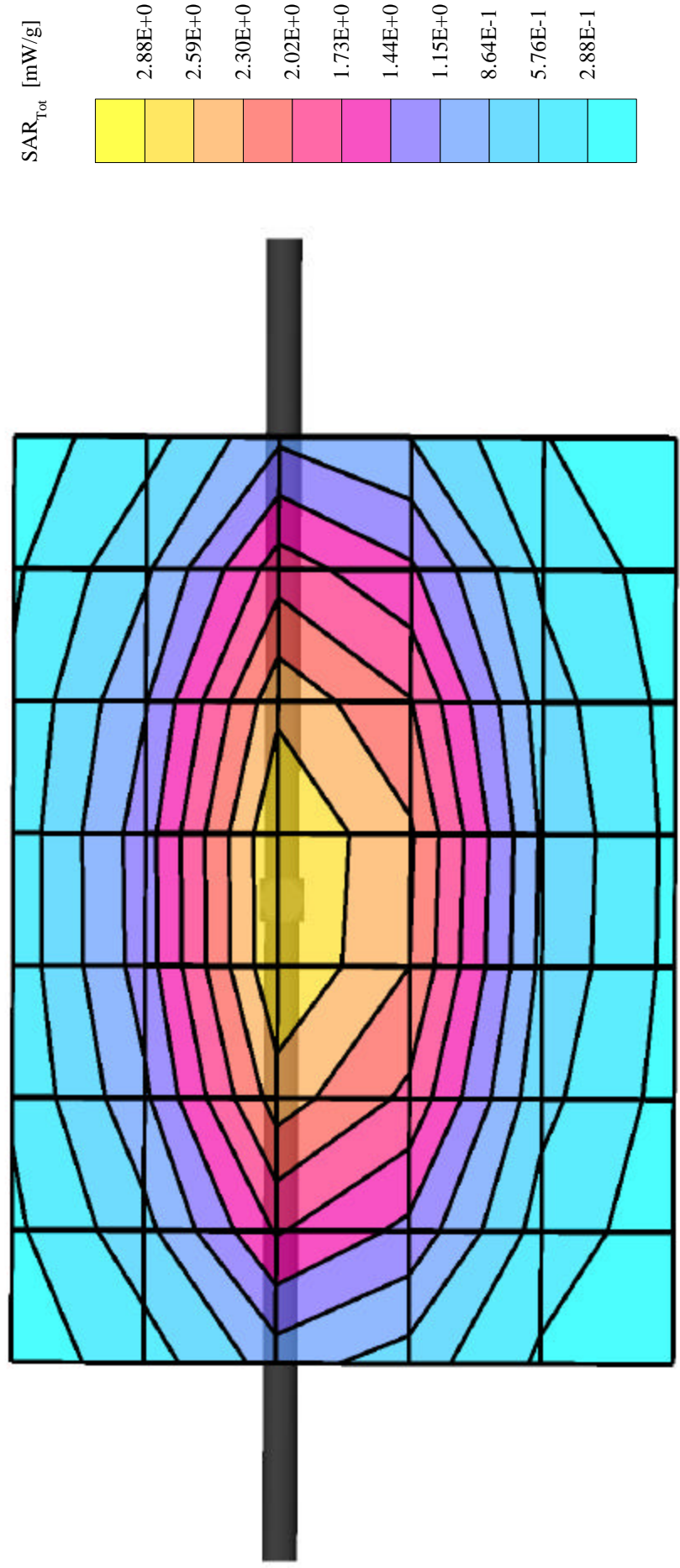
## Validation Dipole D900V2 SN:054, d = 15 mm

Frequency: 900 MHz; Antenna Input Power: 250 [mW]  
 Generic Twin Phantom; Flat Section; Grid Spacing: Dx = 15.0, Dy = 15.0, Dz = 10.0  
 Probe: ET3DV6 - SN1507; ConvF(6.27,6.27,6.27); Crest factor: 1.0; IEEE1528 900 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 42.4$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cubes (2): Peak: 4.47 mW/g  $\pm 0.05$  dB, SAR (1g): 2.78 mW/g  $\pm 0.04$  dB, SAR (10g): 1.76 mW/g  $\pm 0.02$  dB, (Worst-case extrapolation)  
 Penetration depth: 11.5 (10.3, 13.2) [mm]  
 Powerdrift: -0.00 dB



### Dipole 900 MHz

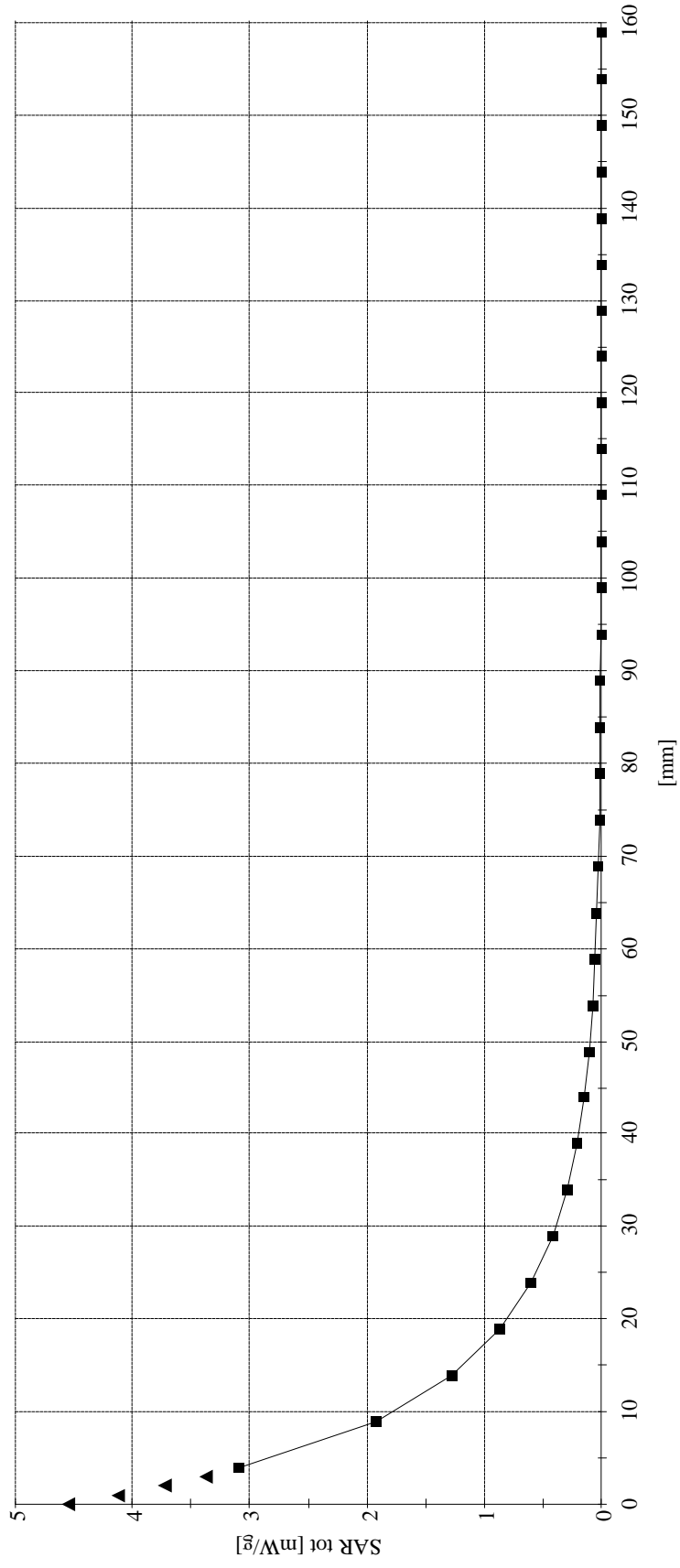
Frequency: 900 MHz; Conducted Input Power: 250 [mW]  
Small Planar Phantom; Planar Section  
Probe: ET3DV6 - SNI1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: Peak: 4.55 mW/g, SAR (1g): 2.83 mW/g, SAR (10g): 1.79 mW/g, (Worst-case extrapolation)  
Penetration depth: 11.4 (10.3, 12.8) [mm]  
Powerdrift: 0.01 dB  
Calibration Date: Oct. 05, 2001



## Dipole 900 MHz

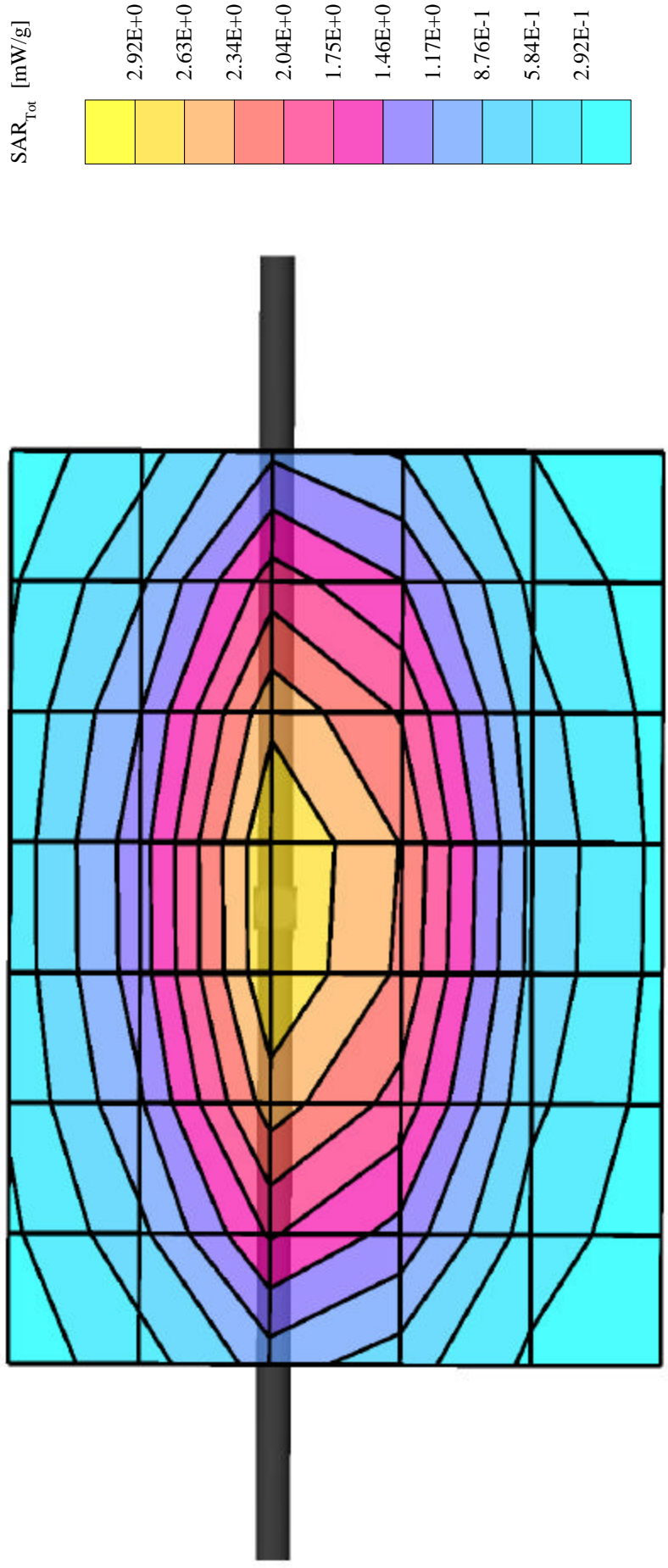
Small Planar Phantom; Section; Position:  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0  
900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Conducted Power: 250 mW  
Date Tested: October 05, 2001



## Dipole 900 MHz

Frequency: 900 MHz; Conducted Input Power: 250 [mW]  
Small Planar Phantom; Planar Section  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83); Crest factor: 1.0; 900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; Peak: 4.55 mW/g, SAR (1g): 2.83 mW/g, SAR (10g): 1.79 mW/g, (Worst-case extrapolation)  
Penetration depth: 11.4 (10.4, 12.8) [mm]  
Powerdrift: -0.03 dB  
Calibration Date: Oct. 09, 2001

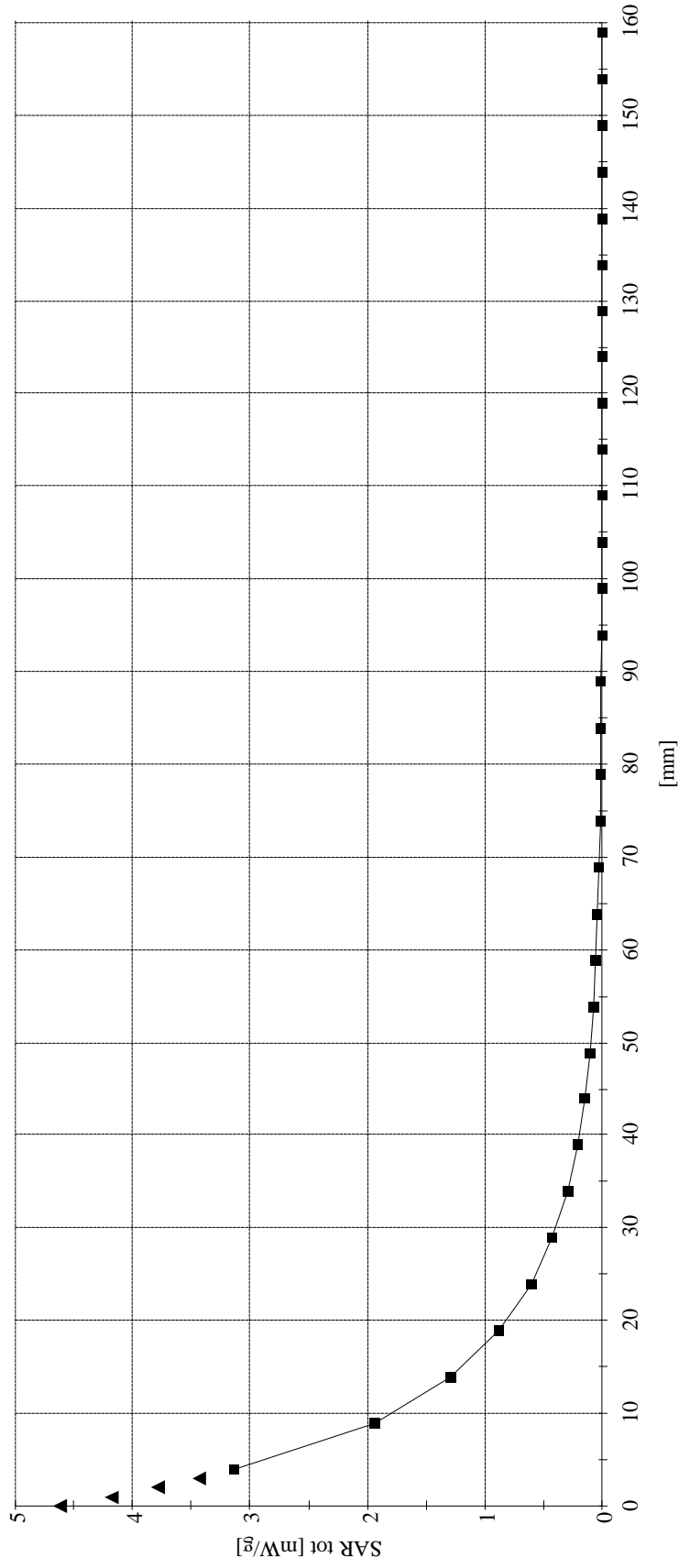




## Dipole 900 MHz

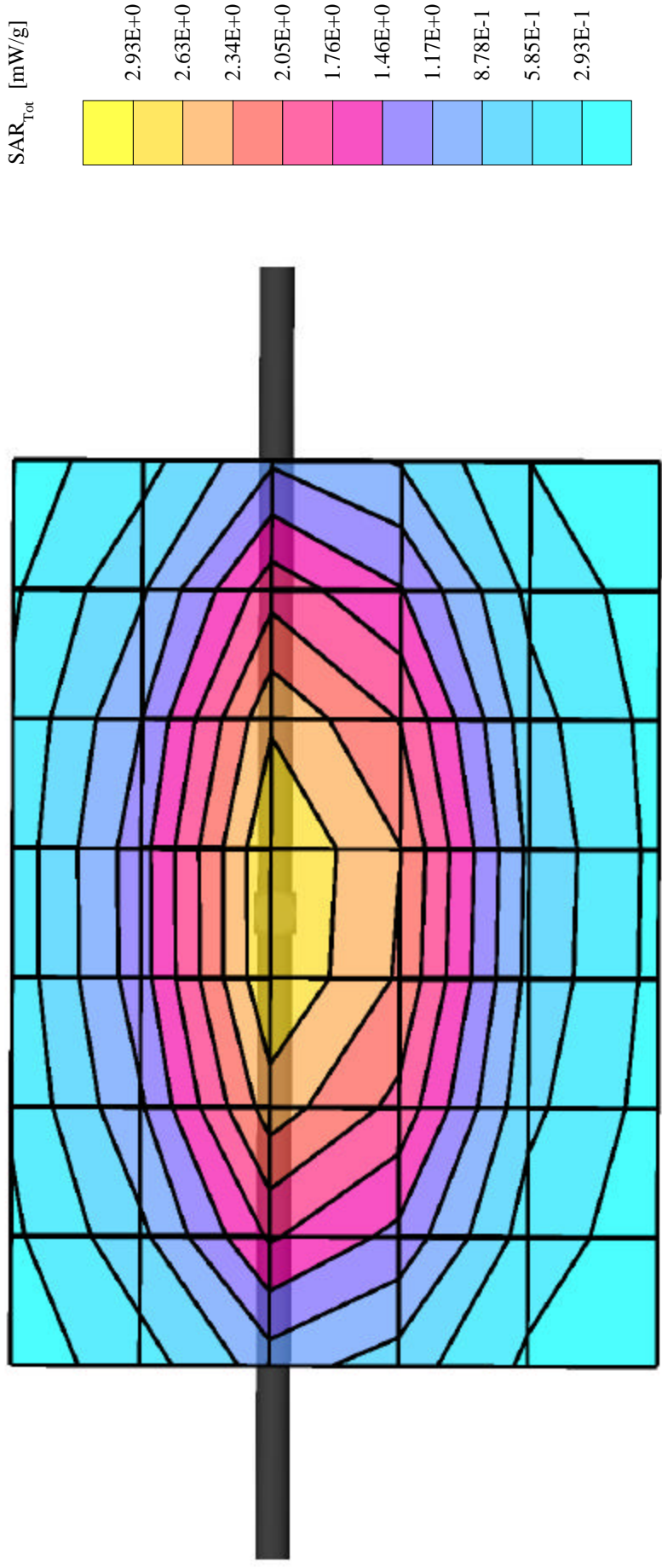
Small Planar Phantom; Section; Position:  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0  
900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Conducted Power: 250 mW  
Date Tested: October 09, 2001



## Dipole 900 MHz

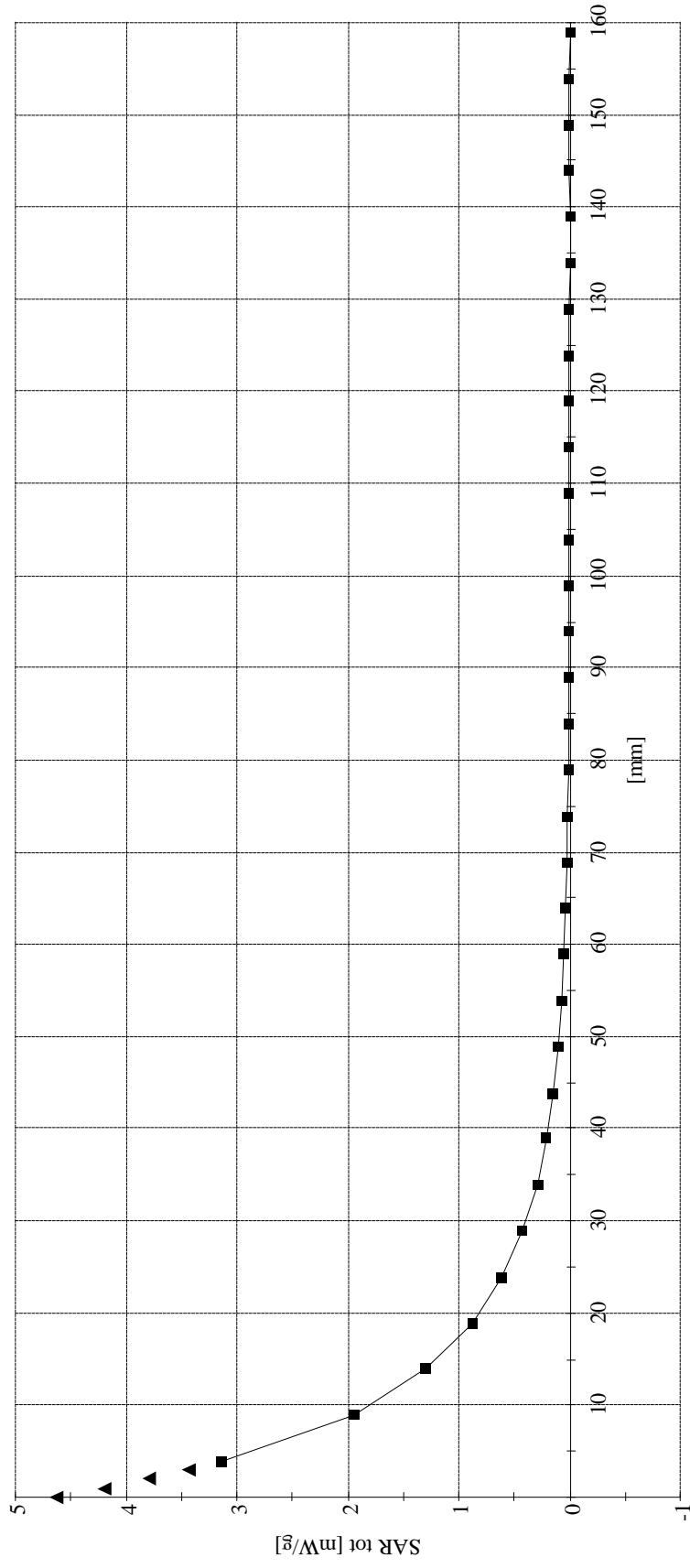
Frequency: 900 MHz; Conducted Input Power: 250 [mW]  
Small Planar Phantom; Planar Section  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; Peak: 4.63 mW/g, SAR (1g): 2.86 mW/g, SAR (10g): 1.80 mW/g, (Worst-case extrapolation)  
Penetration depth: 11.4 (10.3, 12.8) [mm]  
Powerdrift: 0.01 dB  
Calibration Date: Oct. 10, 2001



## Dipole 900 MHz

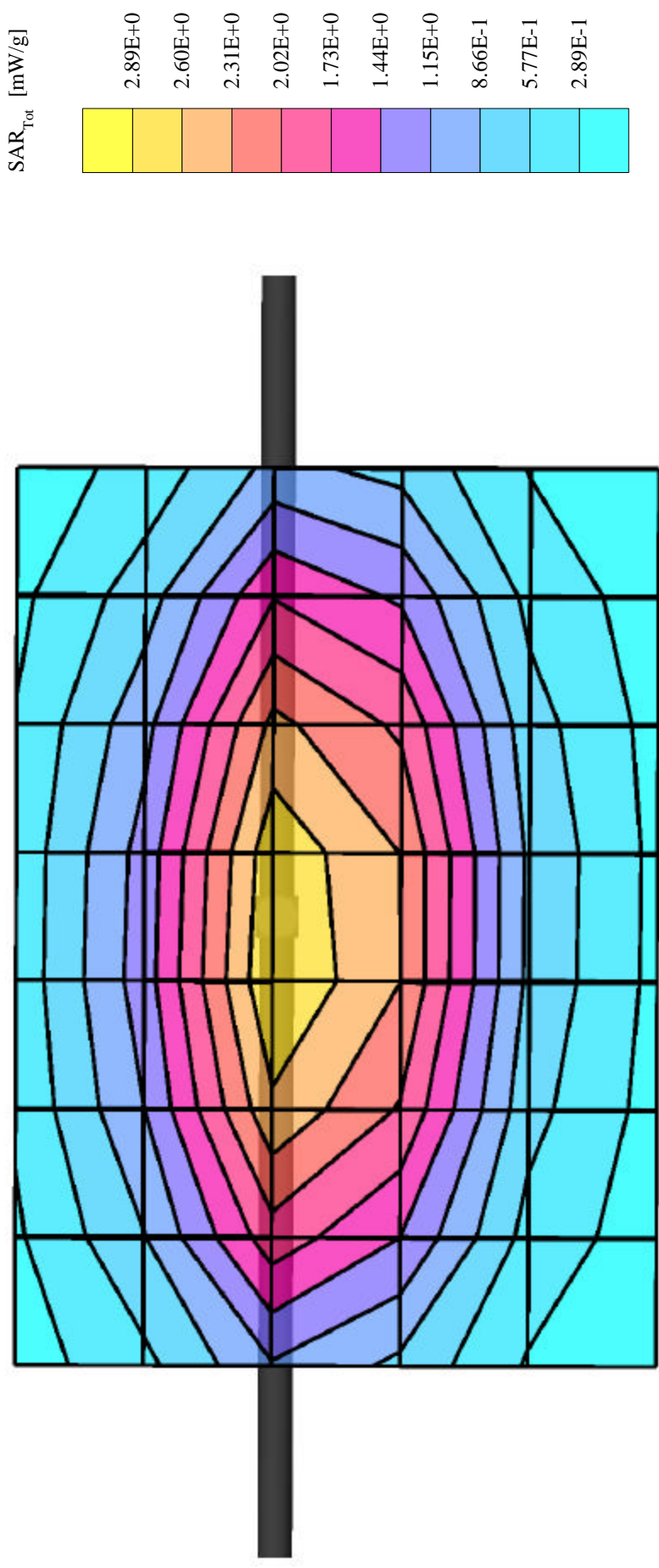
Small Planar Phantom; Section; Position:  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0  
900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Conducted Power: 250 mW  
Date Tested: October 10, 2001



### Dipole 900 MHz

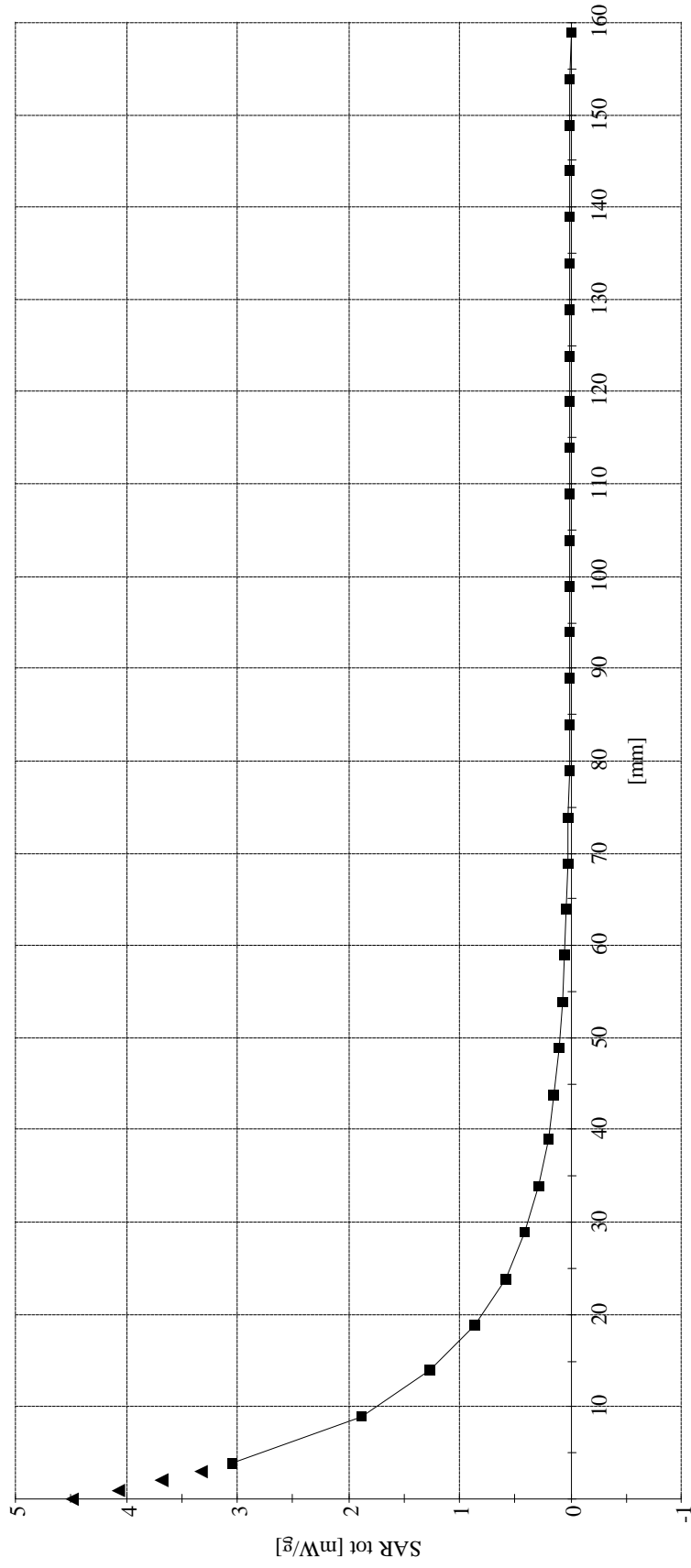
Frequency: 900 MHz; Conducted Input Power: 250 [mW]  
Small Planar Phantom; Planar Section  
Probe: ET3DV6 - SNI1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; Peak: 4.51 mW/g, SAR (1g): 2.79 mW/g, SAR (10g): 1.76 mW/g, (Worst-case extrapolation)  
Penetration depth: 11.4 (10.3, 12.8) [mm]  
Powerdrift: -0.02 dB  
Calibration Date: Oct. 15, 2001



## Dipole 900 MHz

Small Planar Phantom; Section; Position:  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0  
900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Conducted Power: 250 mW  
Date Tested: October 15, 2001



## Dipole 900 MHz

Frequency: 900 MHz; Conducted Input Power: 250 [mW]

Small Planar Phantom; Planar Section

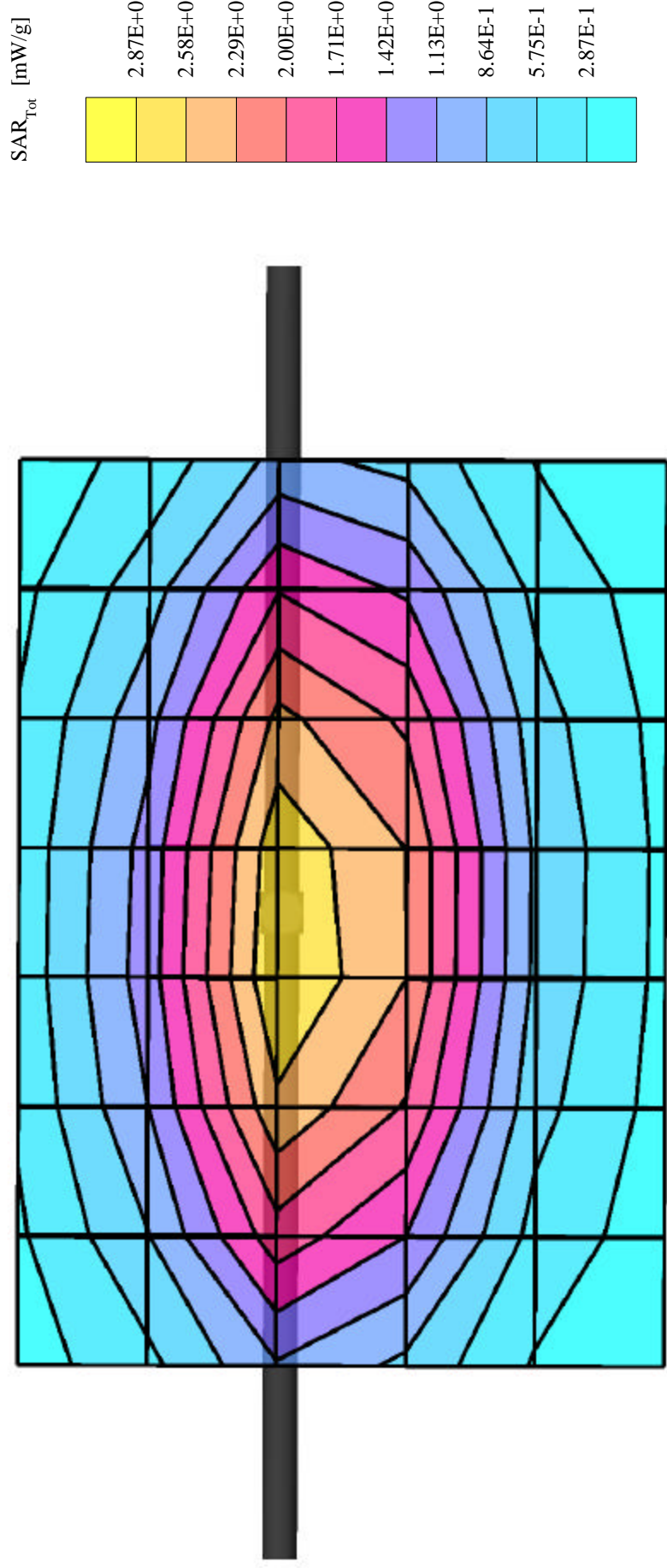
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; Peak: 4.51 mW/g, SAR (1g): 2.77 mW/g, SAR (10g): 1.75 mW/g, (Worst-case extrapolation)

Penetration depth: 11.4 (10.3, 12.8) [mm]

Powerdrift: -0.02 dB

Calibration Date: Oct. 16, 2001



## Dipole 900 MHz

Small Planar Phantom; Section; Position:  
Probe: ET3DV6 - SNI590; ConvF(6.83,6.83,6.83); Crest factor: 1.0  
900 MHz Brain:  $\sigma = 0.97$  mho/m  $\epsilon_r = 41.5$   $\rho = 1.00$  g/cm<sup>3</sup>  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Conducted Power: 250 mW  
Date Tested: October 16, 2001

