BODY SAR TEST PLOTS

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

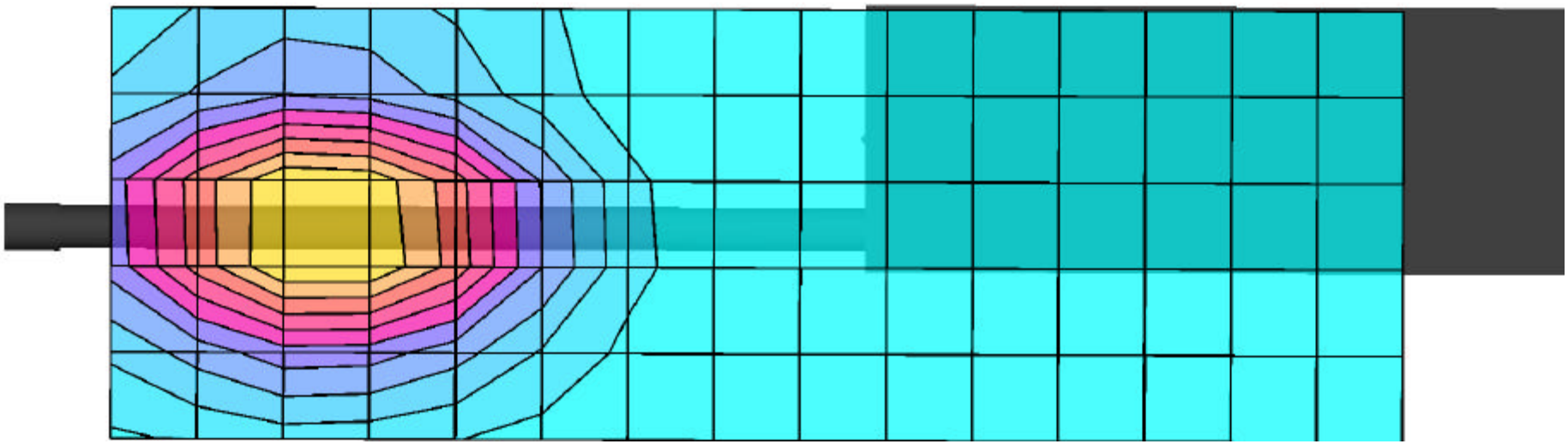
(1.6cm T-Strap Separation Distance)

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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)

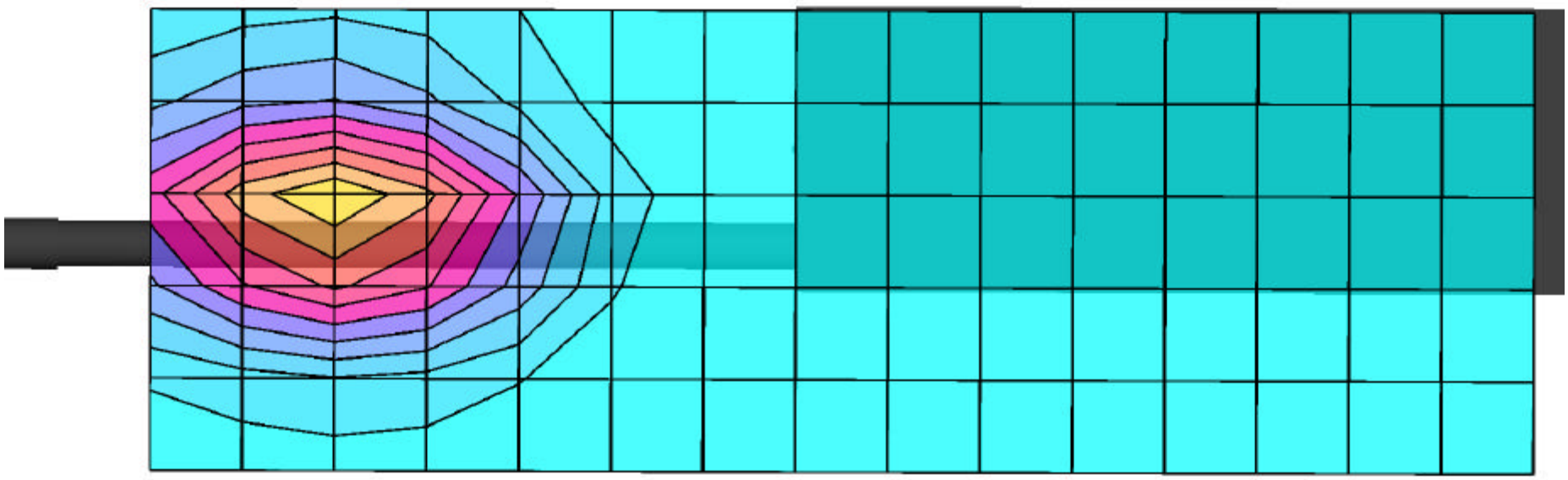
(1.6cm T-Strap Separation Distance)

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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)

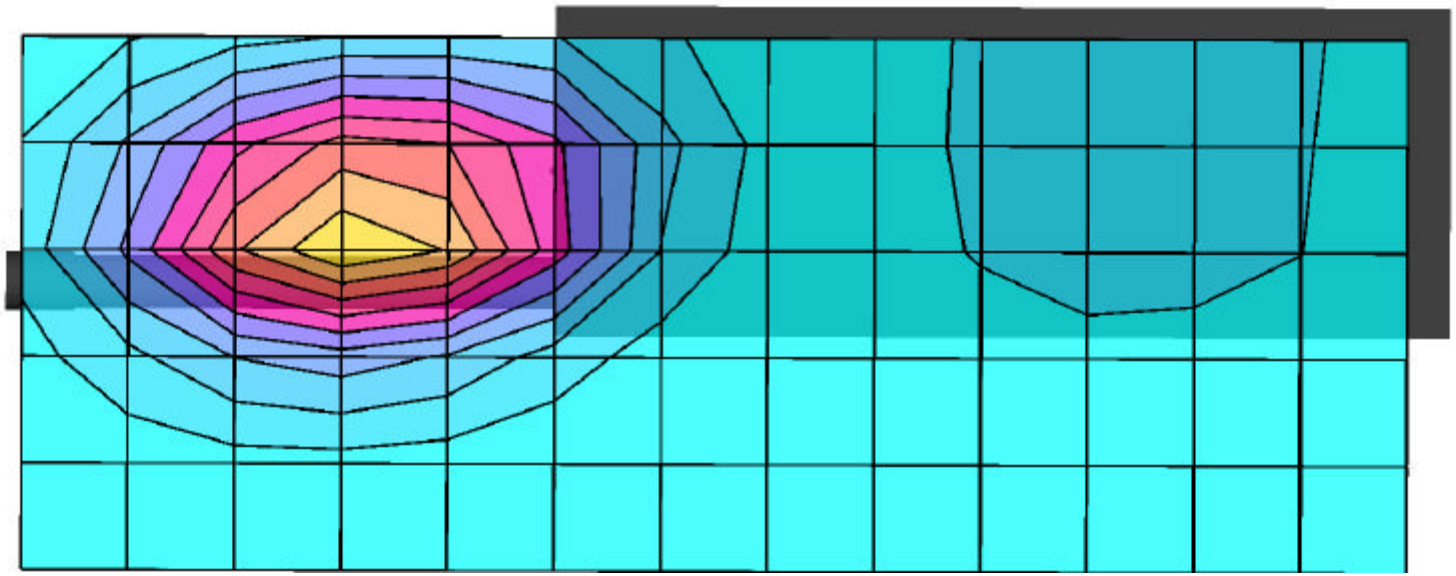
(1.6cm T-Strap Separation Distance)

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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
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

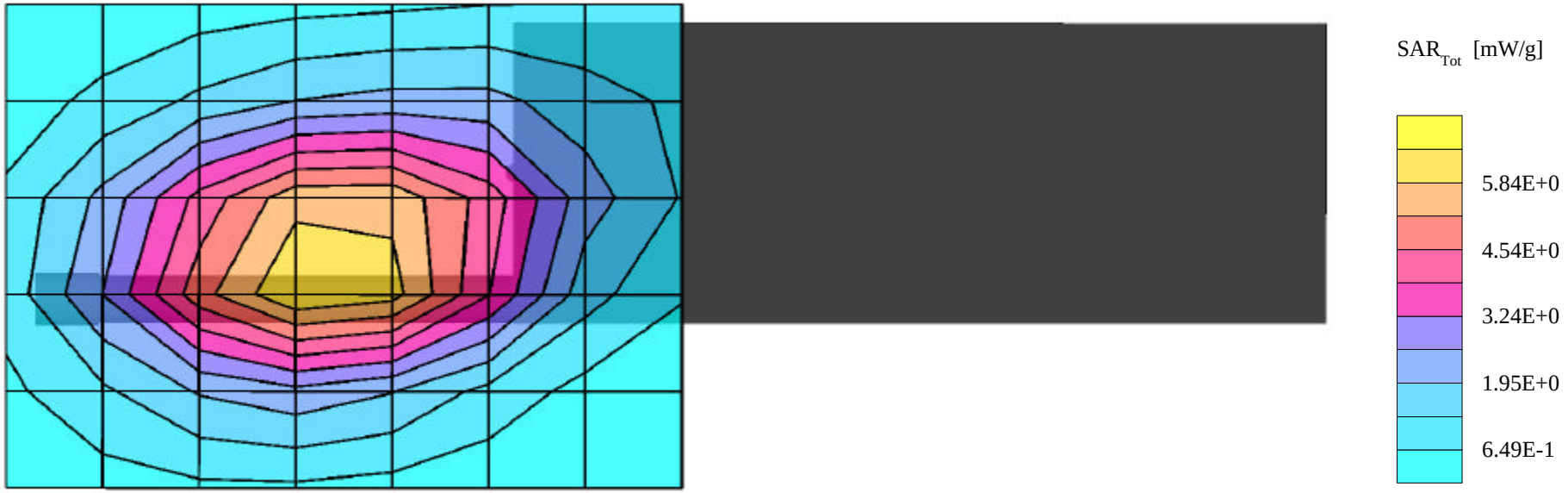
Body-Worn SAR with 1.6 cm T-Strap Separation - FULL AREA SCAN
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Mid Channel [815.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 6.64 mW/g, SAR (10g): 4.63 mW/g

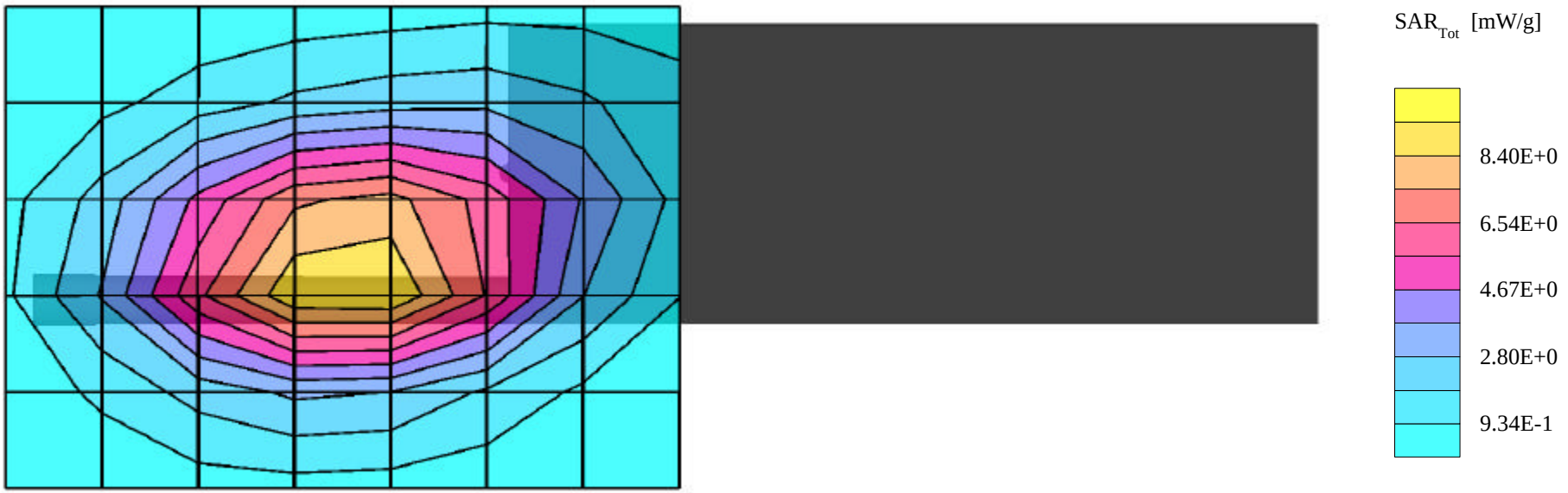
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Low Channel [806.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 9.69 mW/g, SAR (10g): 6.62 mW/g

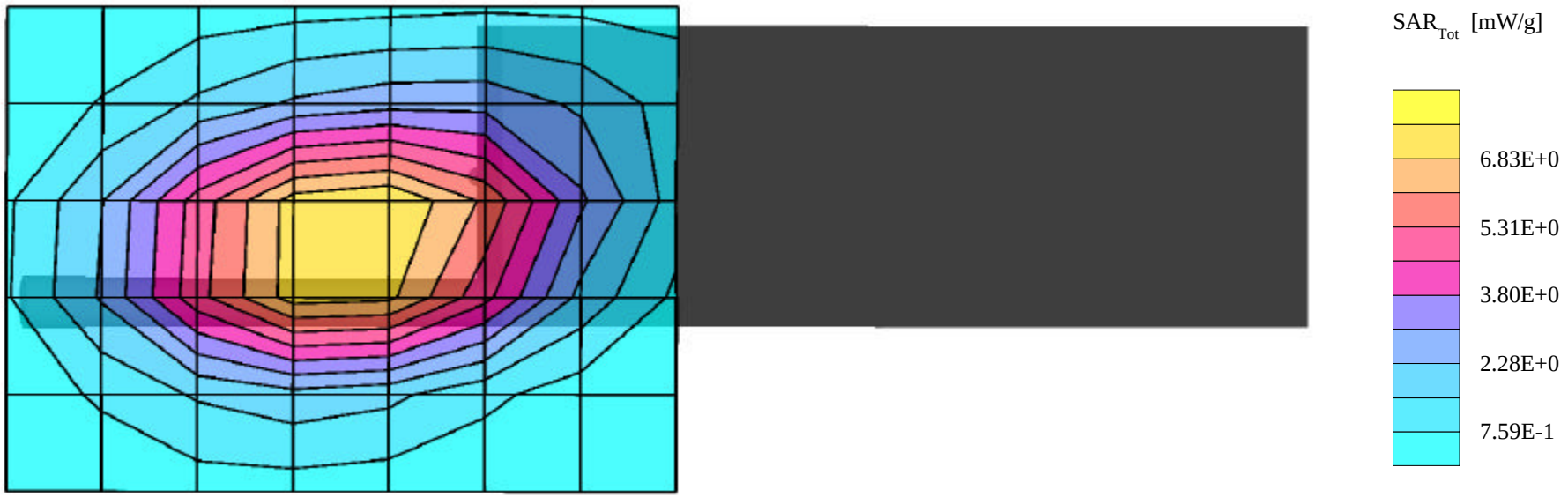
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Mid Channel [815.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 8.40 mW/g, SAR (10g): 5.75 mW/g

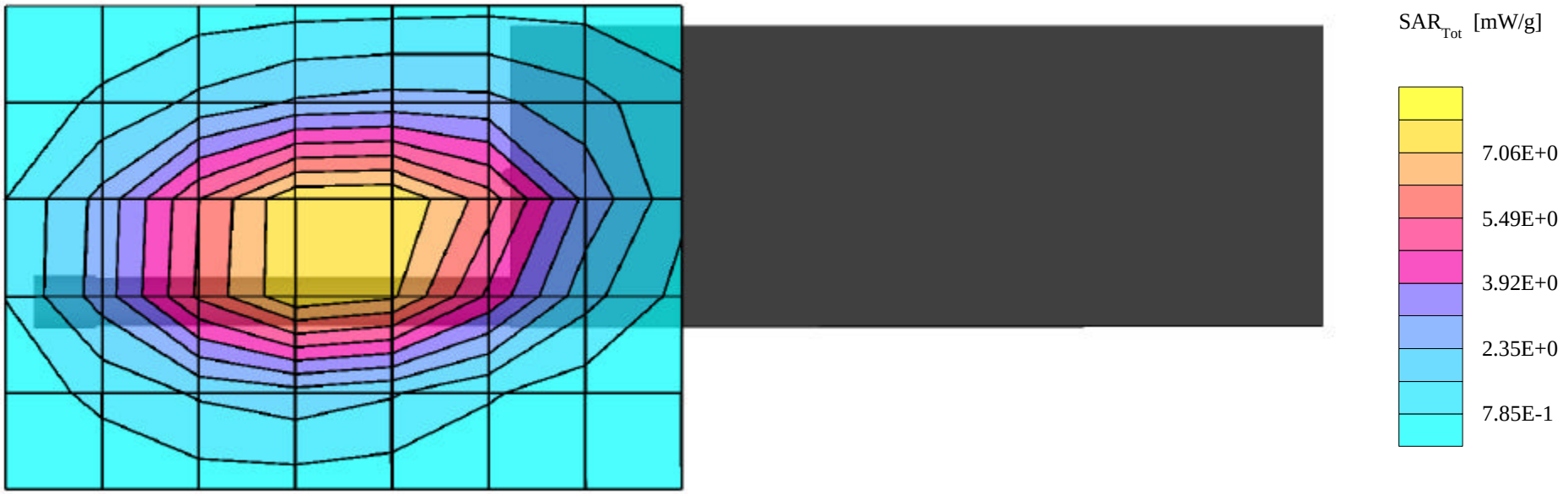
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
High Channel [823.975 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 8.71 mW/g, SAR (10g): 5.96 mW/g

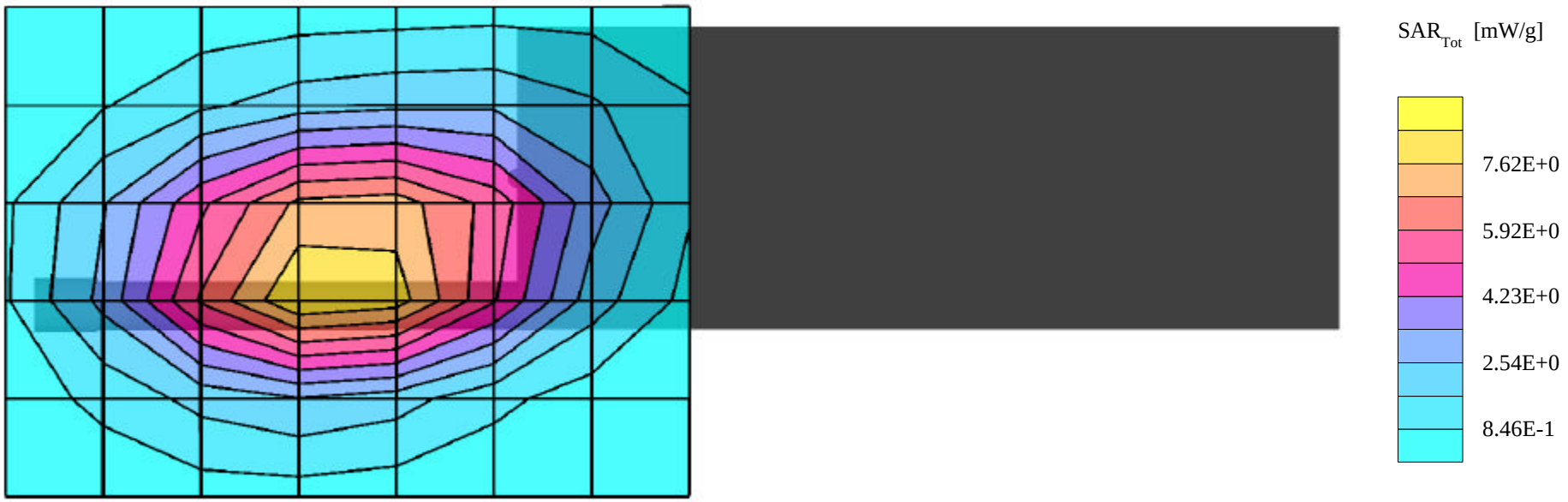
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Low Channel [850.970 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 8.84 mW/g, SAR (10g): 5.97 mW/g

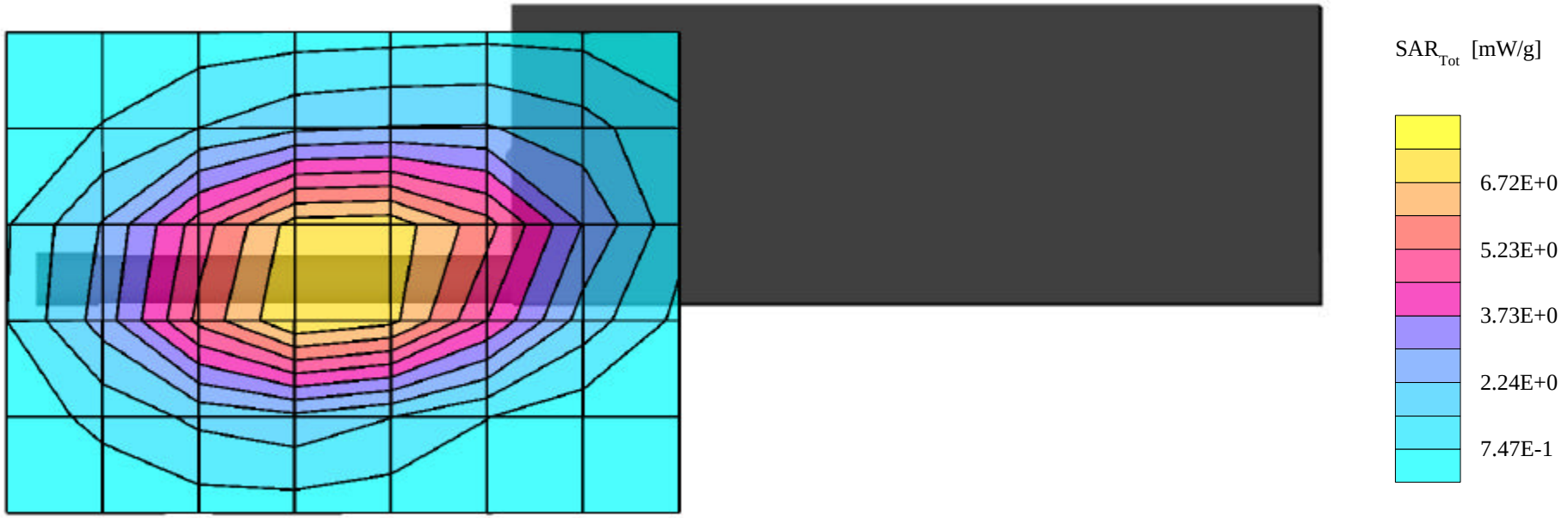
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Mid Channel [860.520 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 7.21 mW/g, SAR (10g): 4.96 mW/g

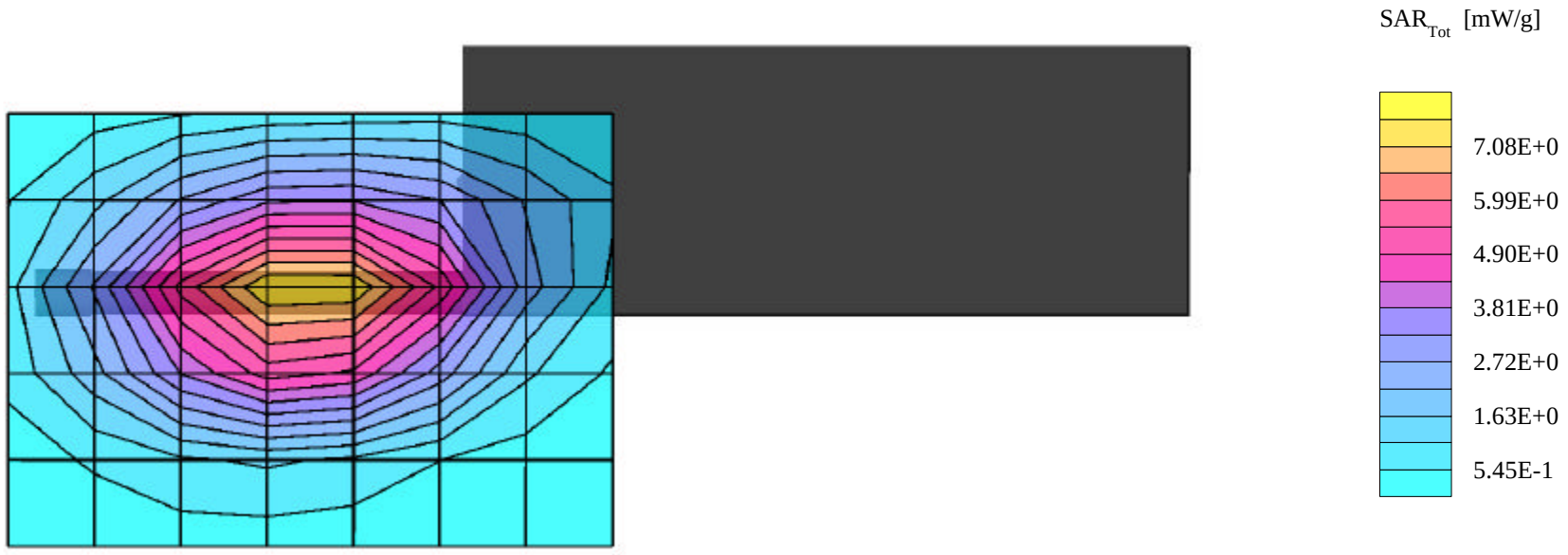
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
High Channel [868.970 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001



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: σ = 0.97 mho/m ε_r = 55.2 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 7.67 mW/g, SAR (10g): 5.33 mW/g

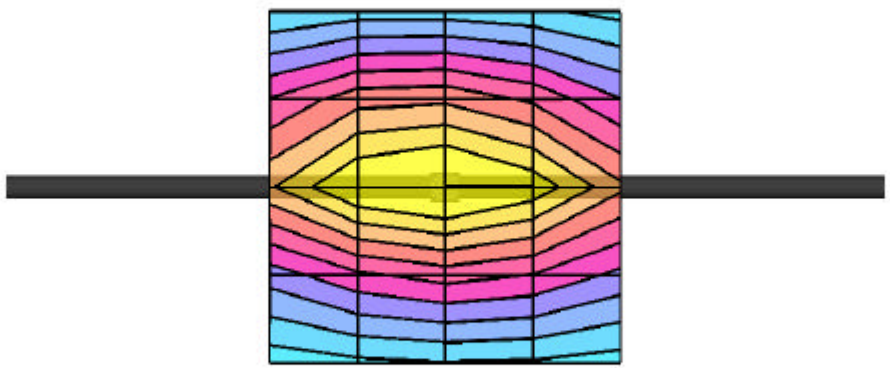
Body-Worn SAR with 1.6cm Nylon T-Strap
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Metal Hydride Battery (BKB191210/4)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Mid Channel [815.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 9, 2001

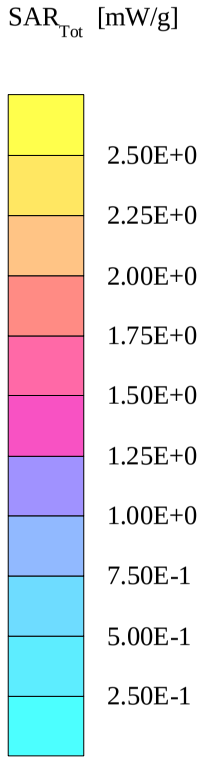


APPENDIX B - DIPOLE VALIDATION

Validation Dipole D900V2 SN:054, d = 15 mm

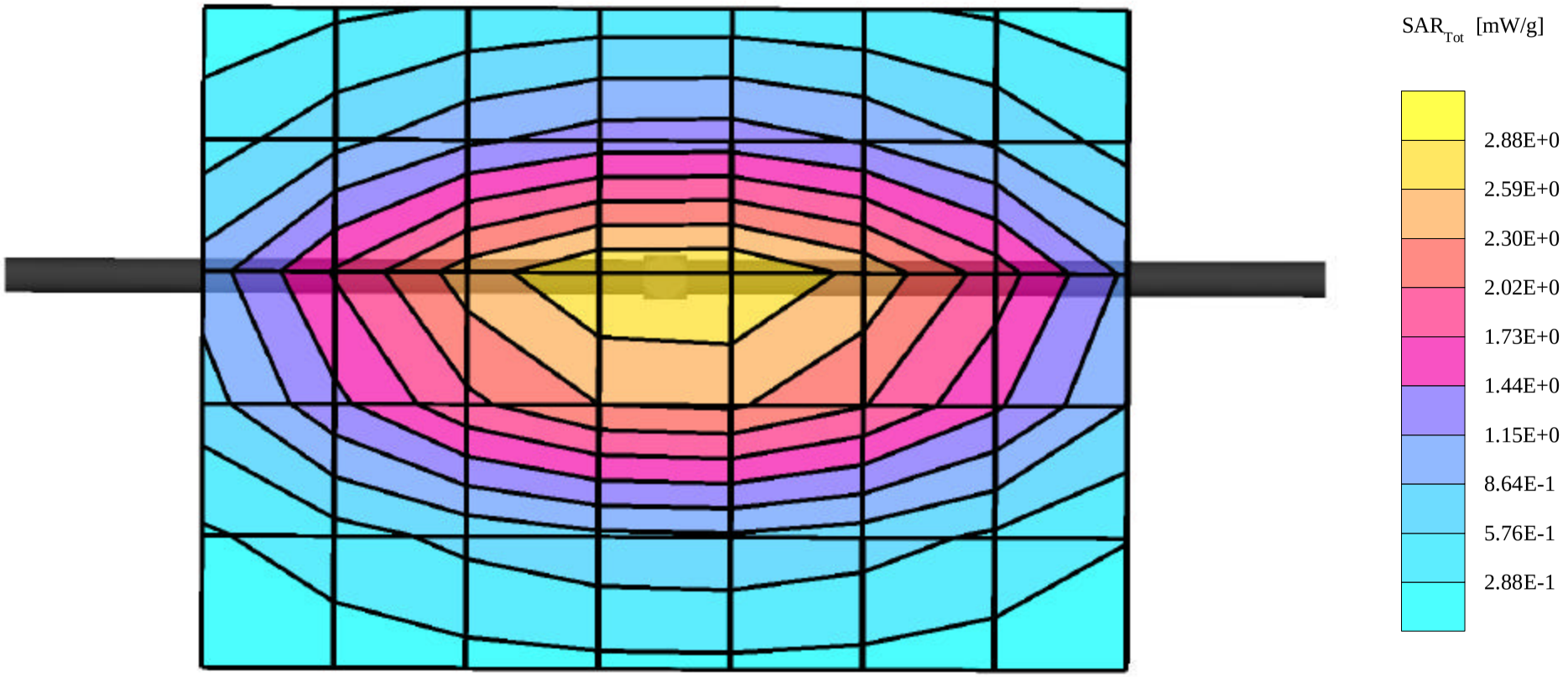
Frequency: 900 MHz; Antenna Input Power: 250 [mW]
Generic Twin Phantom; Flat Section; Grid Spacing:Dx = 15.0, Dy = 15.0, Dz = 10.0
Probe: ET3DV6 - SN1507; ConvF(6.27,6.27,6.27); Crest factor: 1.0; IEEE1528 900 MHz: σ = 0.97 mho/m ε_r = 42.4 ρ = 1.00 g/cm^3
Cubes (2): Peak: 4.47 mW/g ± 0.05 dB, SAR (1g):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





Dipole 900 MHz

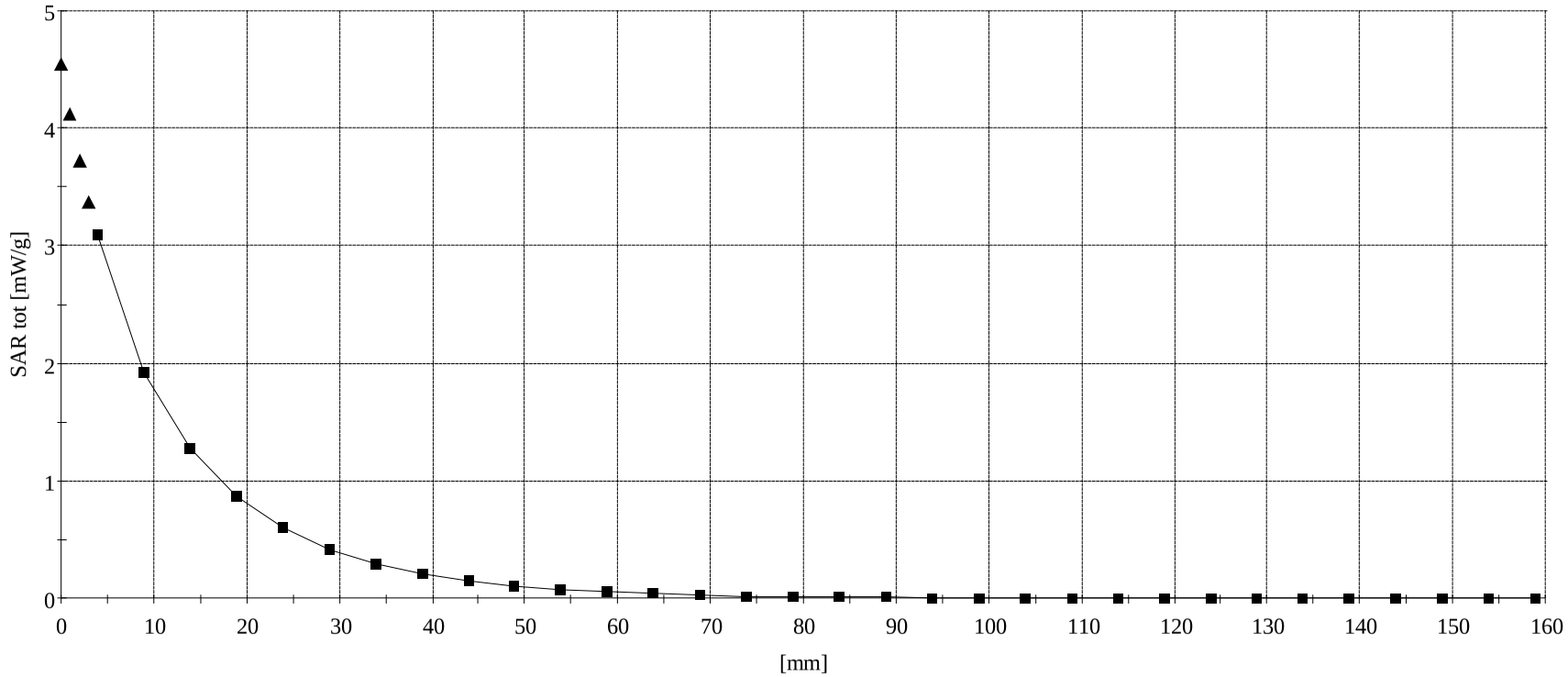
Frequency: 900 MHz; Conducted Input Power: 250 [mW]
Small Planar Phantom; Planar Section
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Cube 5x5x7: Peak: 4.55 mW/g, SAR (1g): 2.83 mW/g, SAR (10g): 1.79 mW/g, (Worst-case extrapolation)
Penetration depth: 11.4 (10.3, 12.8) [mm]
Powerdrift: 0.01 dB
Calibration Date: Oct. 05, 2001



Dipole 900 MHz

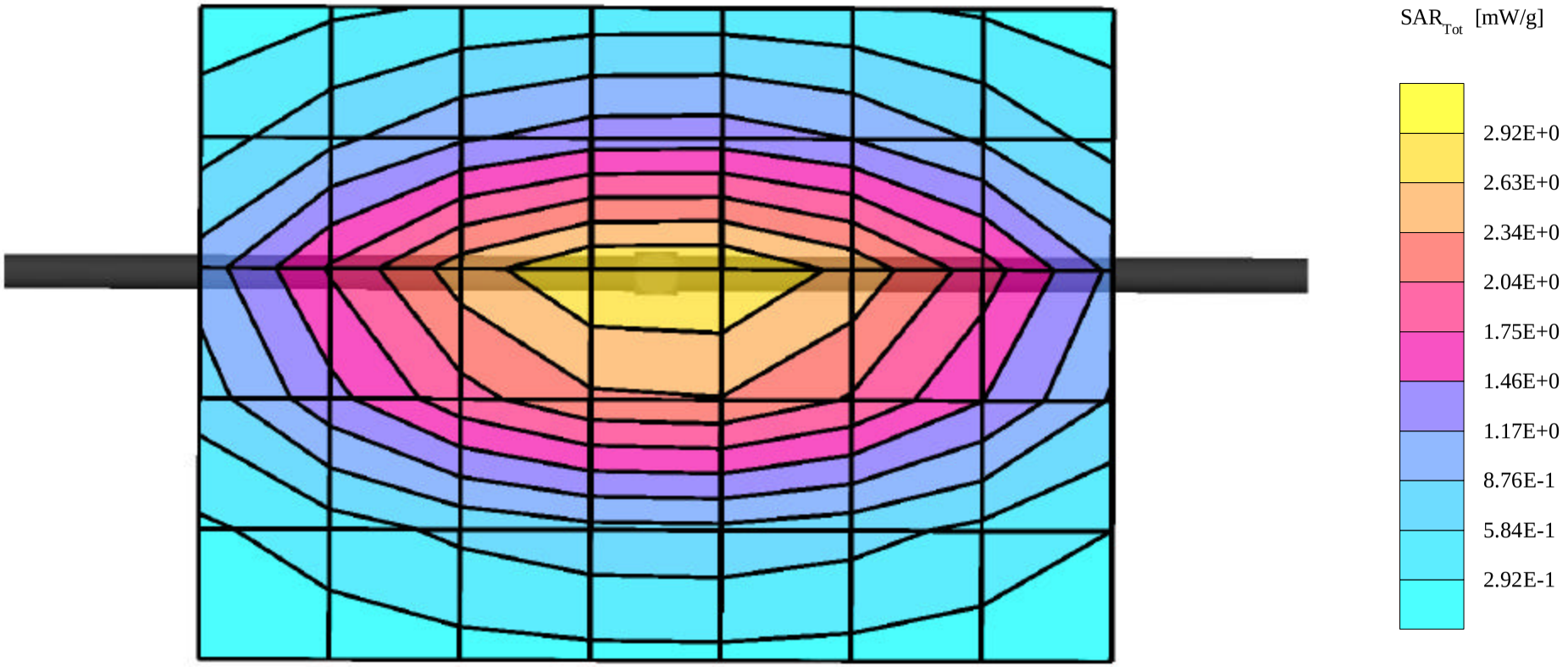
Small Planar Phantom; Section; Position:
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0
900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

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



Dipole 900 MHz

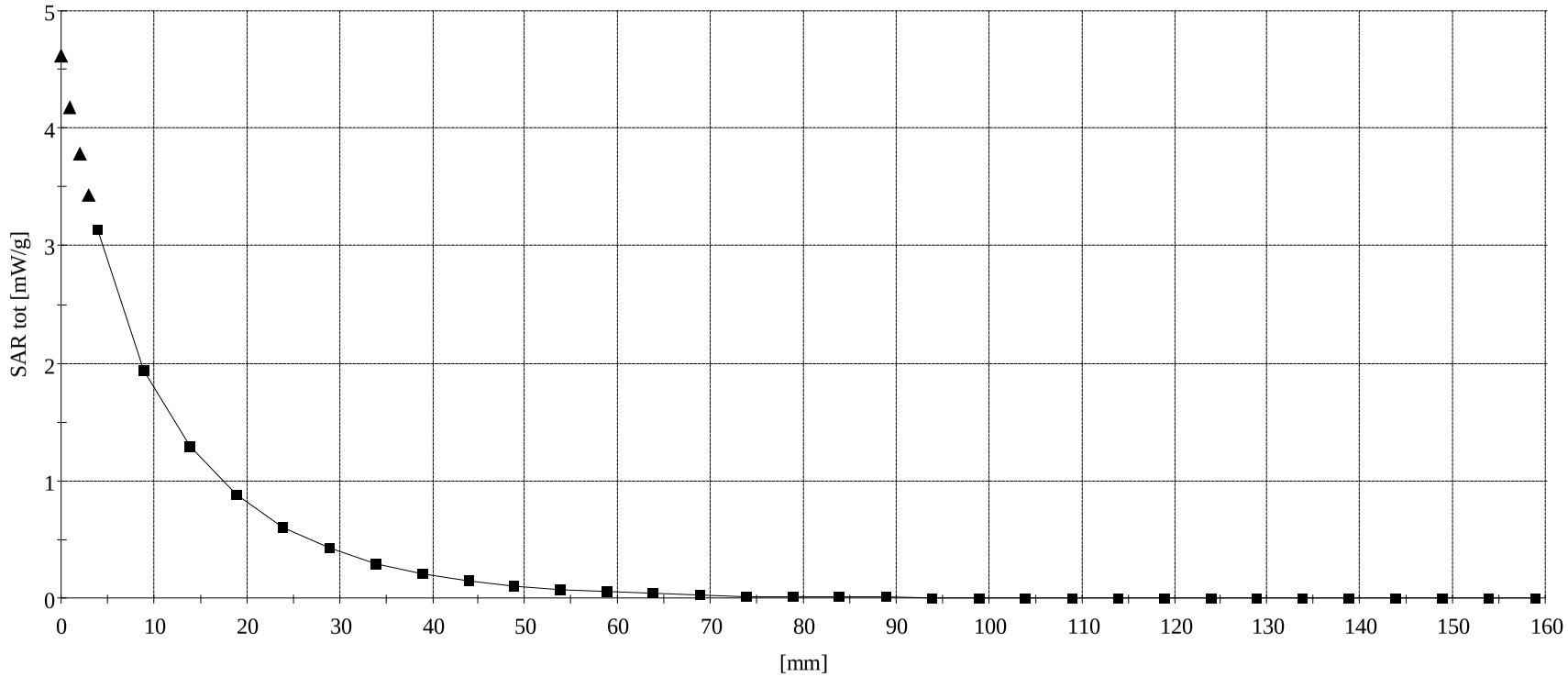
Frequency: 900 MHz; Conducted Input Power: 250 [mW]
Small Planar Phantom; Planar Section
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Cube 5x5x7: Peak: 4.55 mW/g, SAR (1g): 2.83 mW/g, SAR (10g): 1.79 mW/g, (Worst-case extrapolation)
Penetration depth: 11.4 (10.4, 12.8) [mm]
Powerdrift: -0.03 dB
Calibration Date: Oct. 09, 2001



Dipole 900 MHz

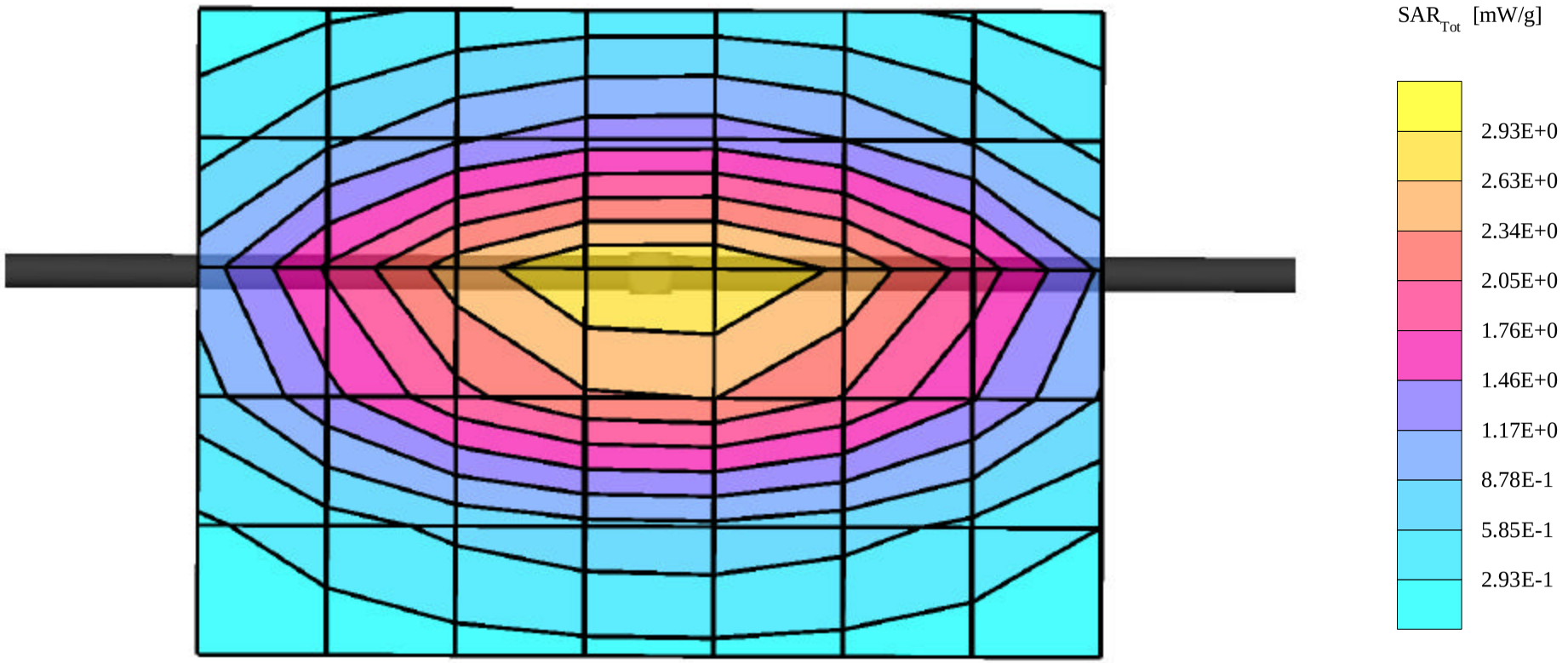
Small Planar Phantom; Section; Position:
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0
900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

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



Dipole 900 MHz

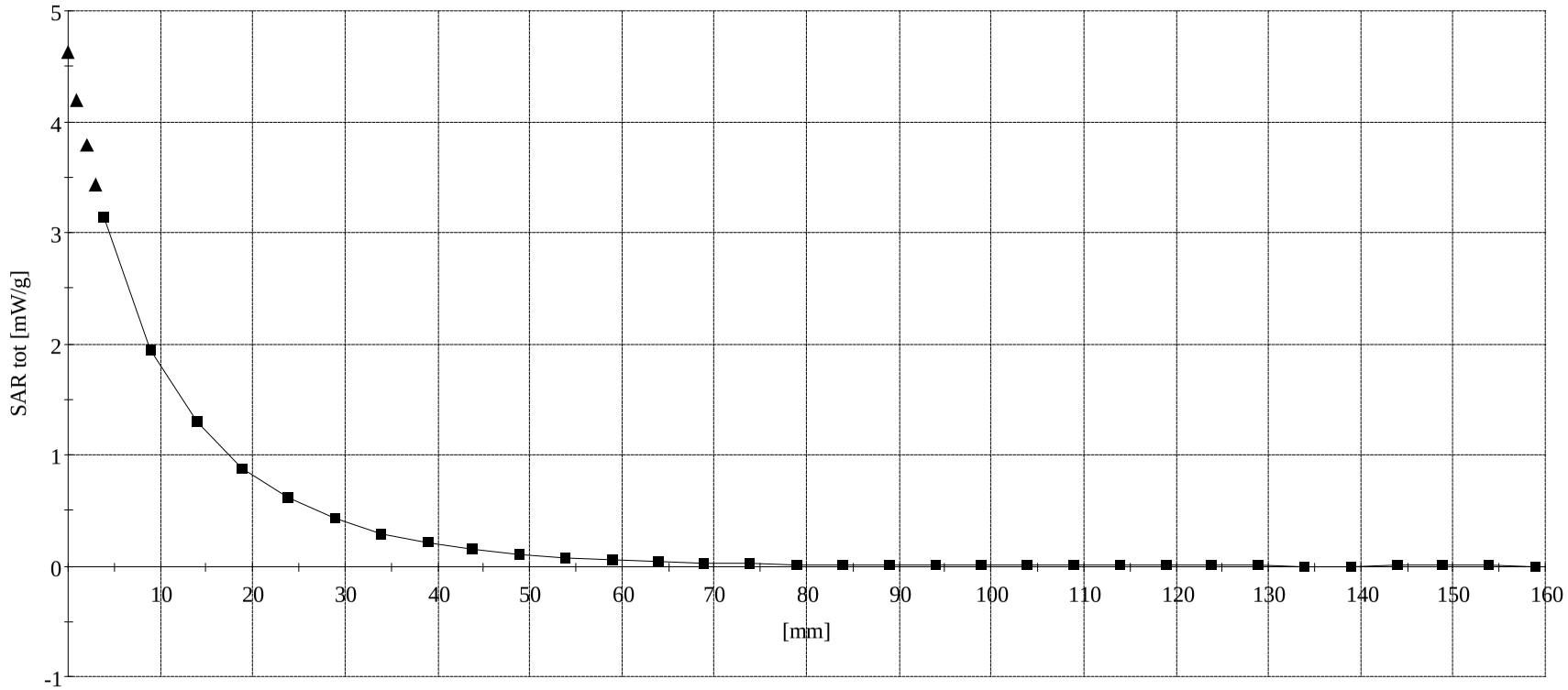
Frequency: 900 MHz; Conducted Input Power: 250 [mW]
Small Planar Phantom; Planar Section
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Cube 5x5x7: Peak: 4.63 mW/g, SAR (1g): 2.86 mW/g, SAR (10g): 1.80 mW/g, (Worst-case extrapolation)
Penetration depth: 11.4 (10.3, 12.8) [mm]
Powerdrift: 0.01 dB
Calibration Date: Oct. 10, 2001



Dipole 900 MHz

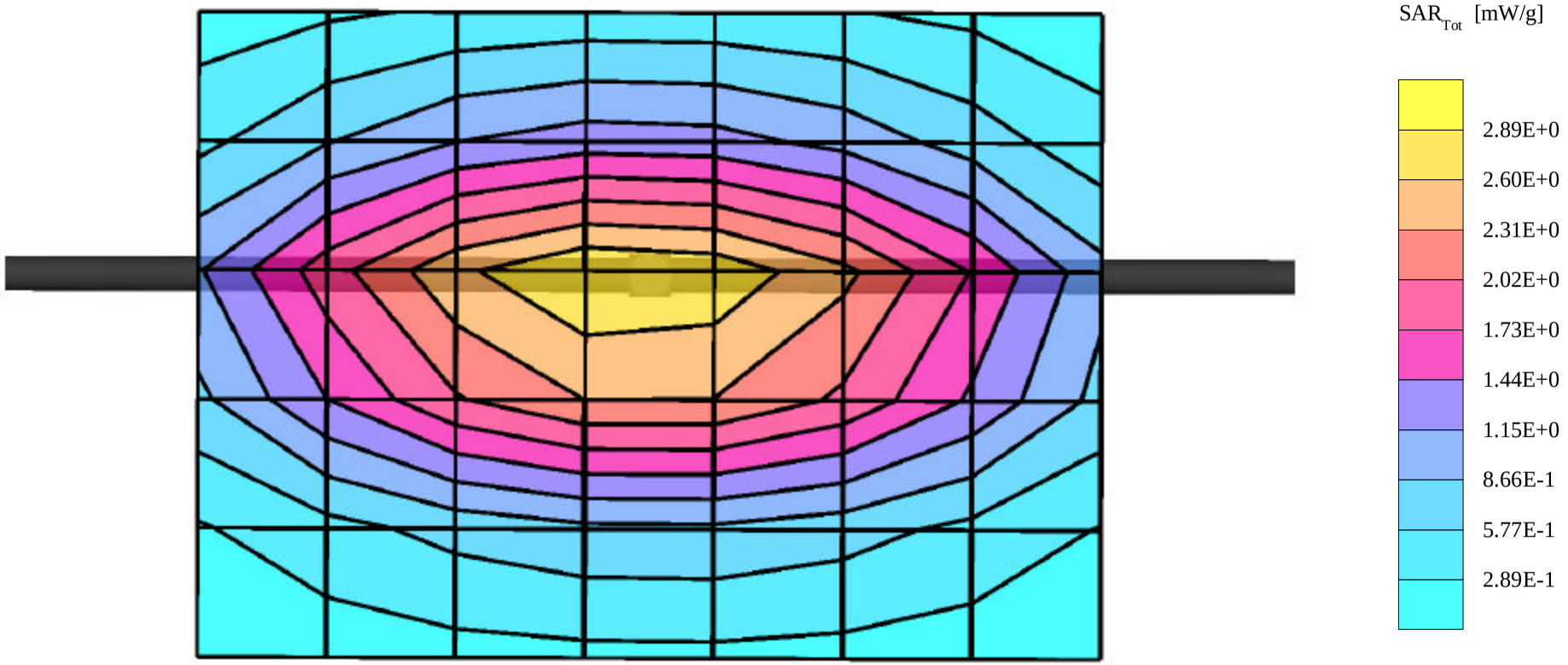
Small Planar Phantom; Section; Position:
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0
900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

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



Dipole 900 MHz

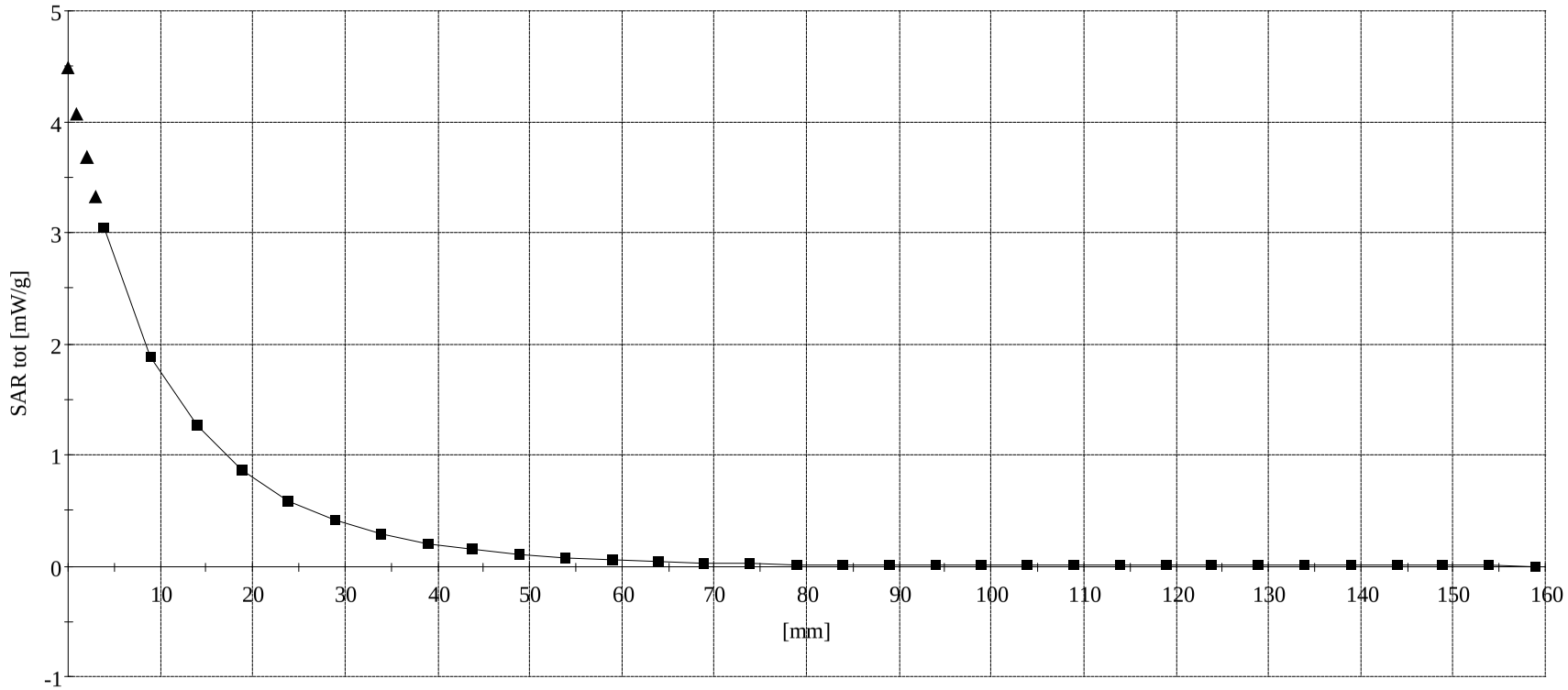
Frequency: 900 MHz; Conducted Input Power: 250 [mW]
Small Planar Phantom; Planar Section
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Cube 5x5x7: Peak: 4.51 mW/g, SAR (1g): 2.79 mW/g, SAR (10g): 1.76 mW/g, (Worst-case extrapolation)
Penetration depth: 11.4 (10.3, 12.8) [mm]
Powerdrift: -0.02 dB
Calibration Date: Oct. 15, 2001



Dipole 900 MHz

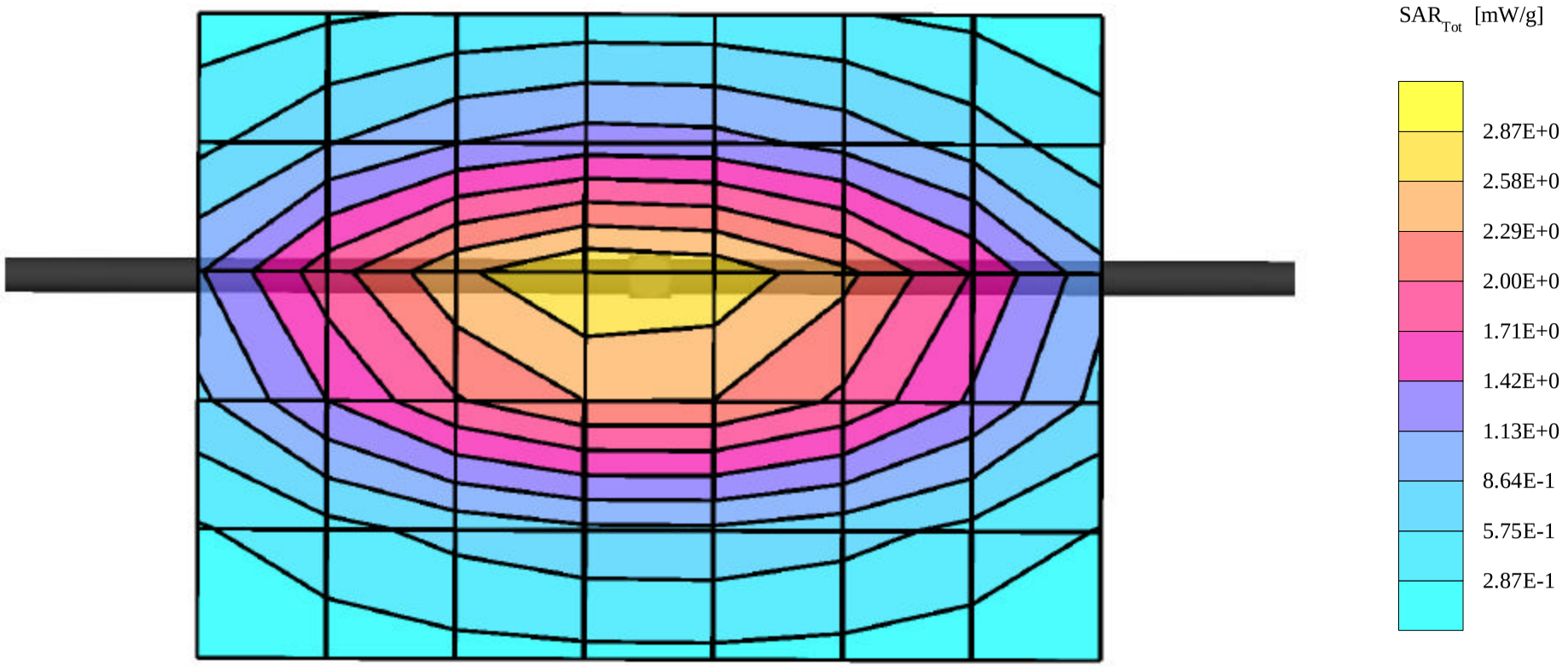
Small Planar Phantom; Section; Position:
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0
900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

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

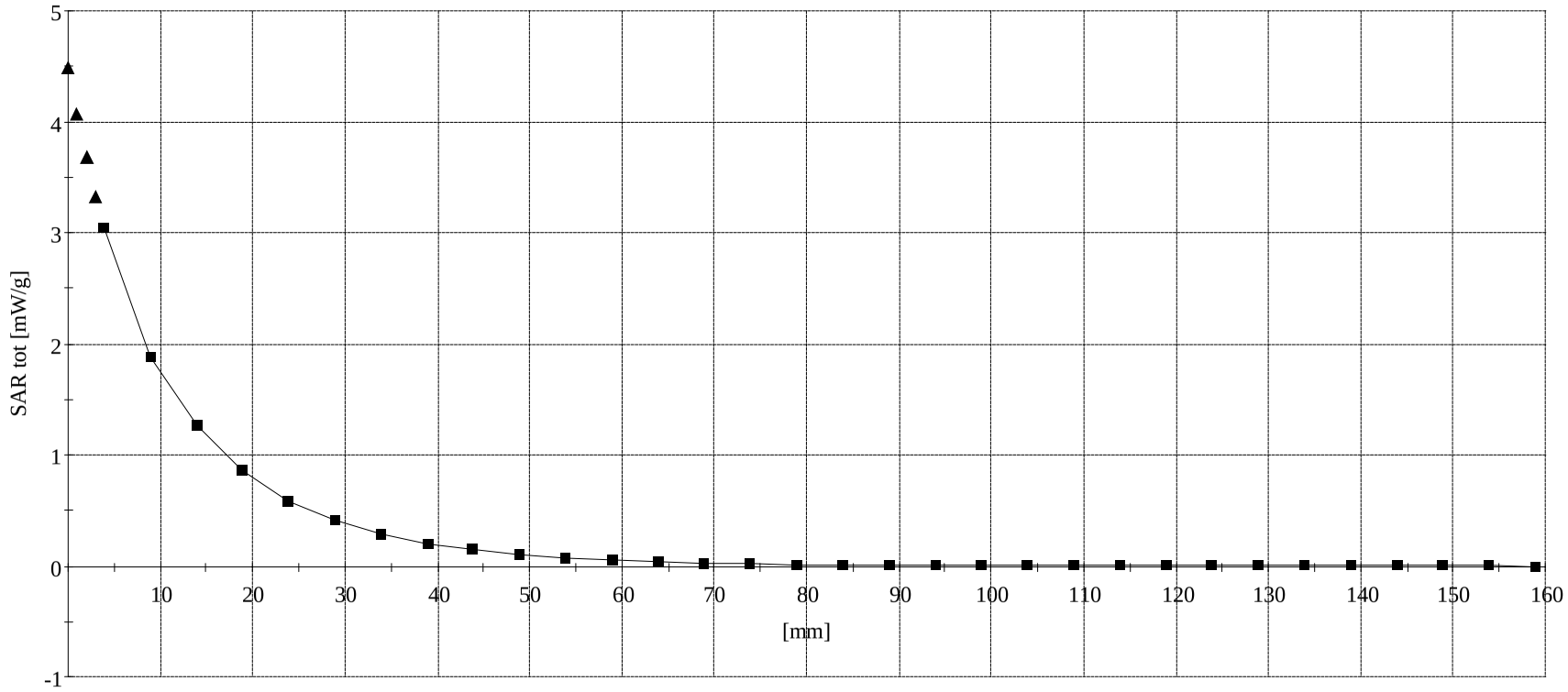


Dipole 900 MHz

Frequency: 900 MHz; Conducted Input Power: 250 [mW]
Small Planar Phantom; Planar Section
Probe: ET3DV6 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0; 900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
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 - SN1590; ConvF(6.83,6.83,6.83); Crest factor: 1.0
900 MHz Brain: σ = 0.97 mho/m ε_r = 41.5 ρ = 1.00 g/cm^3
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

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