BODY SAR TEST PLOTS

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

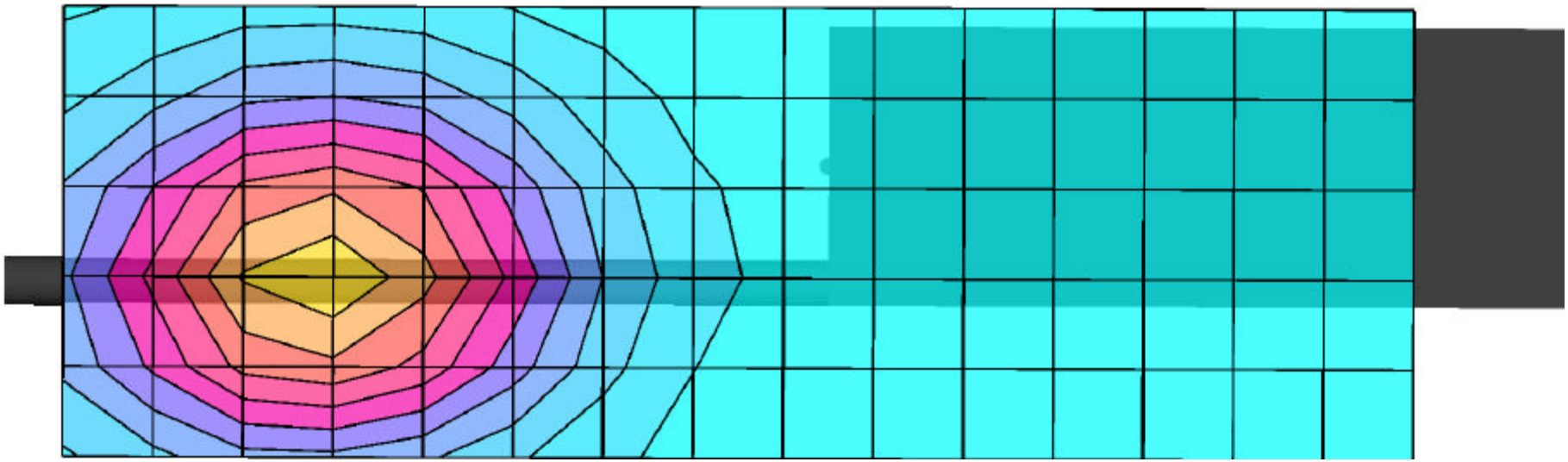
(1.1cm Metal Belt-Clip Separation Distance)

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 1.1cm Belt-Clip 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
High Channel [823.975 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 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): 9.39 mW/g, SAR (10g): 6.75 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 12.8 mW/g, SAR (10g): 9.03 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 13.1 mW/g, SAR (10g): 9.25 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 10.5 mW/g, SAR (10g): 7.33 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 9.23 mW/g, SAR (10g): 6.45 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 7.47 mW/g, SAR (10g): 5.24 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 12.1 mW/g, SAR (10g): 8.54 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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
High Channel [823.975 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001

BODY SAR TEST PLOTS

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

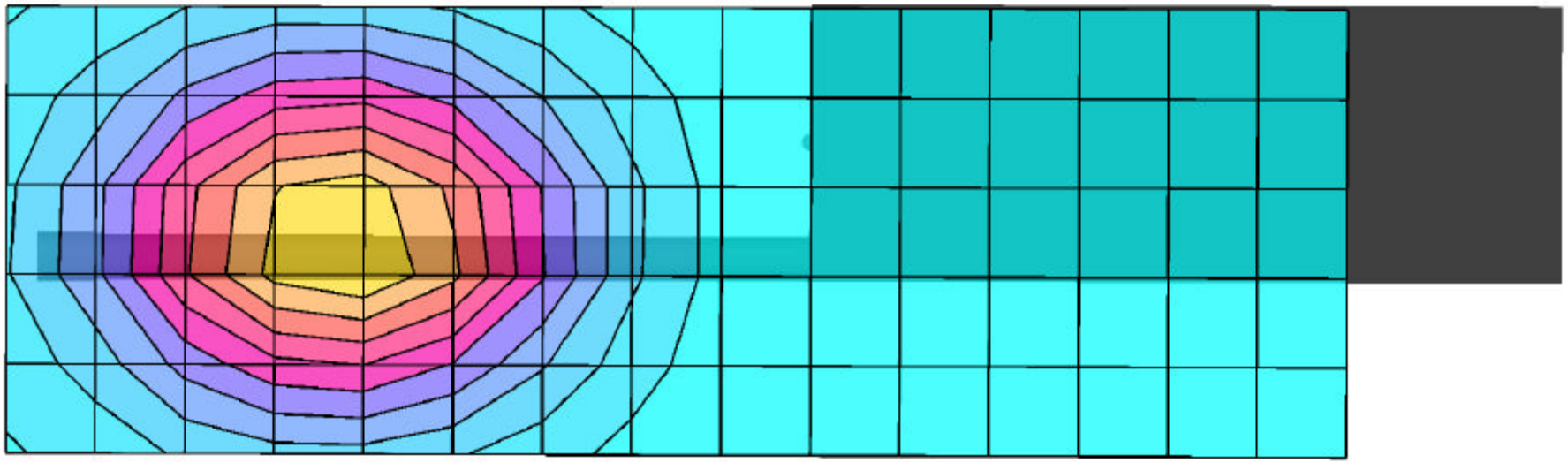
(1.1cm Metal Belt-Clip Separation Distance)

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 1.1 cm Belt-Clip 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
High Channel [823.975 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 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): 7.53 mW/g, SAR (10g): 5.37 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 6.65 mW/g, SAR (10g): 4.73 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 8.79 mW/g, SAR (10g): 6.19 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 7.69 mW/g, SAR (10g): 5.38 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 8.53 mW/g, SAR (10g): 5.93 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 7.76 mW/g, SAR (10g): 5.35 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 8.65 mW/g, SAR (10g): 6.11 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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
High Channel [823.975 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001

BODY SAR TEST PLOTS

WITH HANDHELD RADIO & WHIP ANTENNA (KRE1011223/01)

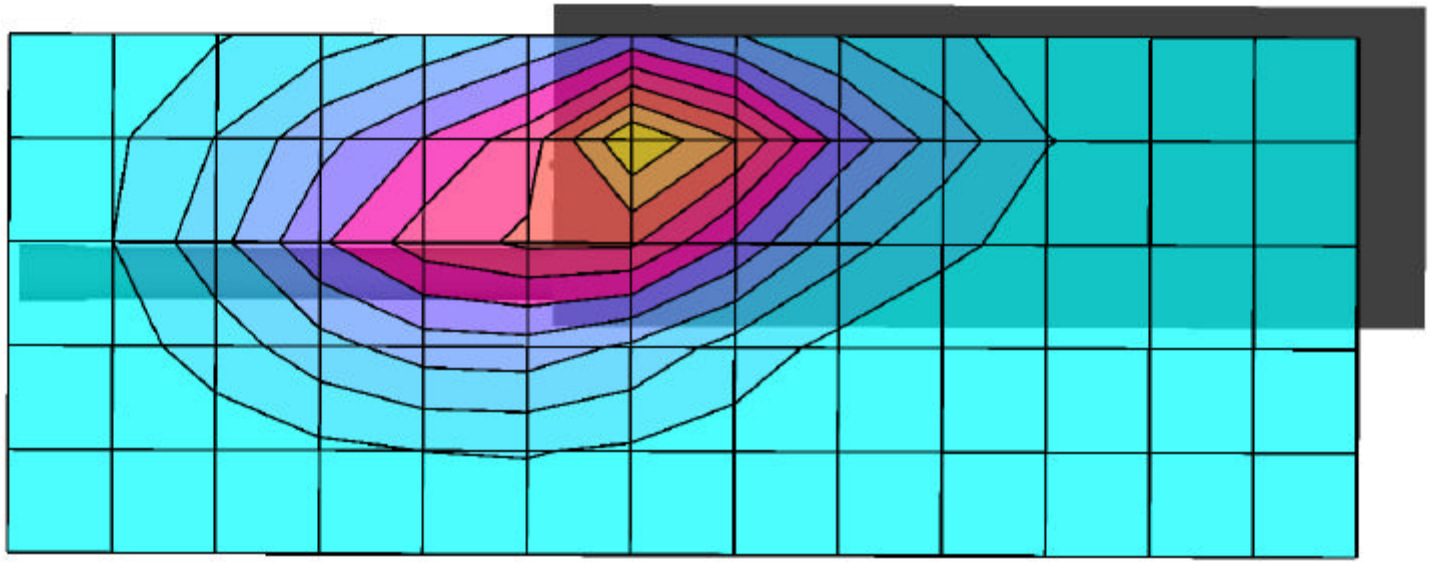
(1.1cm Metal Belt-Clip Separation Distance)

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

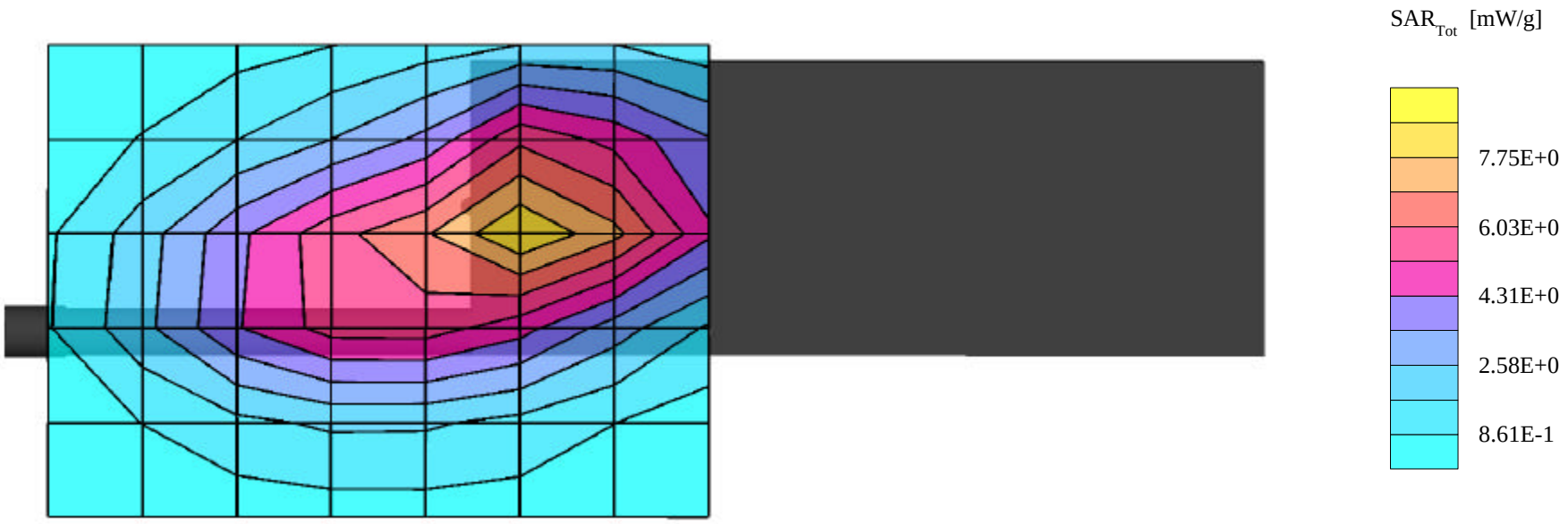
Body SAR with 1.1 cm Belt-Clip Separation - FULL AREA SCAN
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Low Channel [806.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001



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): 8.16 mW/g, SAR (10g): 5.47 mW/g

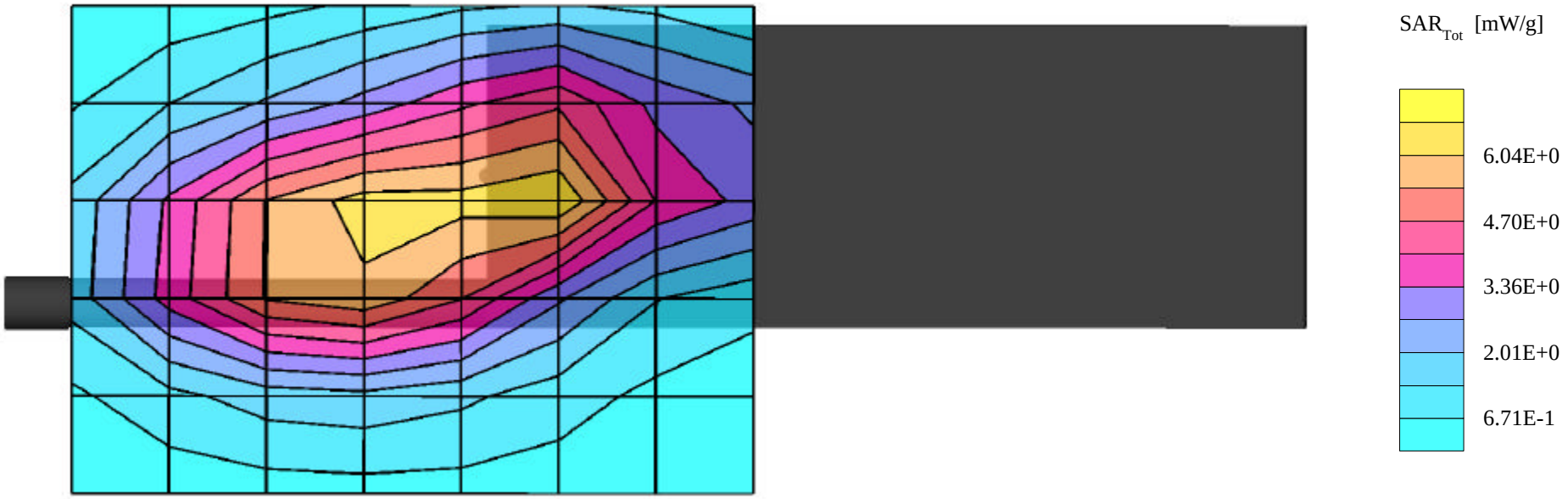
Body-Worn SAR with 1.1cm Metal Belt-Clip
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Low Channel [806.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001



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): 6.80 mW/g, SAR (10g): 4.43 mW/g

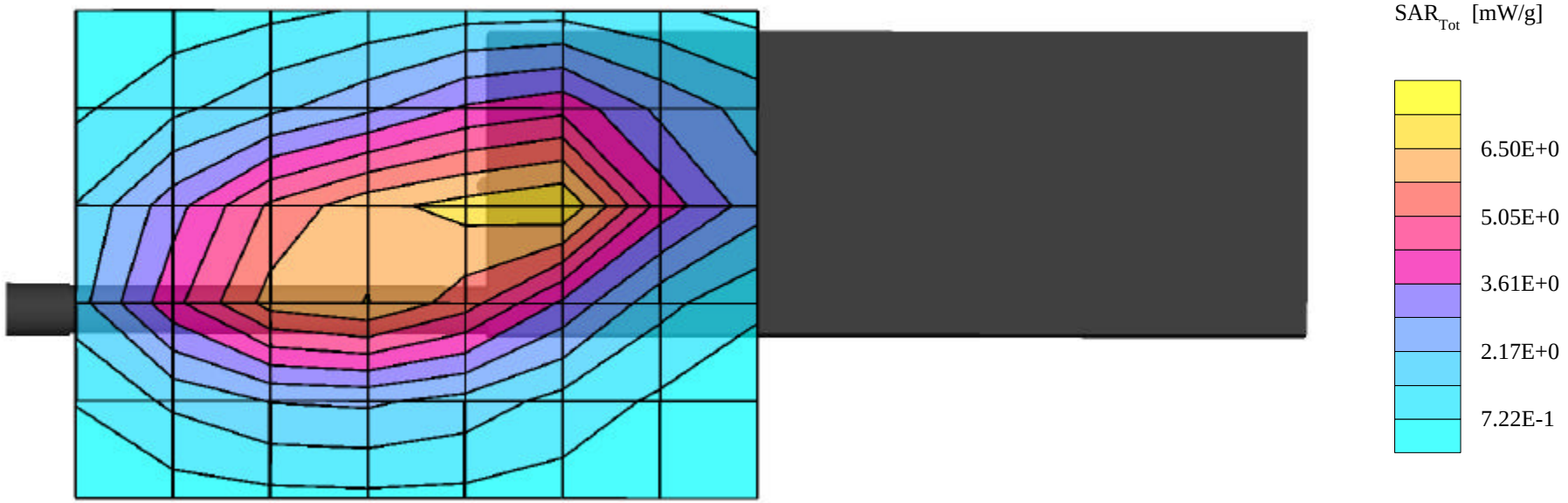
Body-Worn SAR with 1.1cm Metal Belt-Clip
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Mid Channel [815.000 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001



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): 7.11 mW/g, SAR (10g): 4.74 mW/g

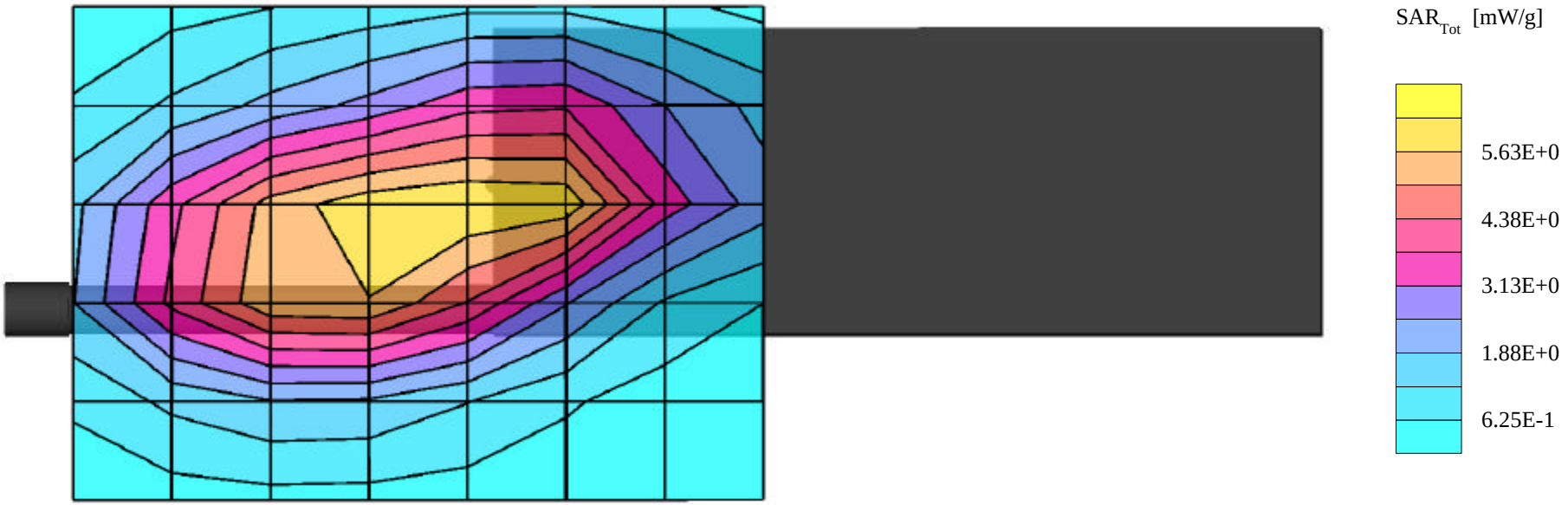
Body-Worn SAR with 1.1cm Metal Belt-Clip
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
High Channel [823.975 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001



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): 6.15 mW/g, SAR (10g): 4.27 mW/g

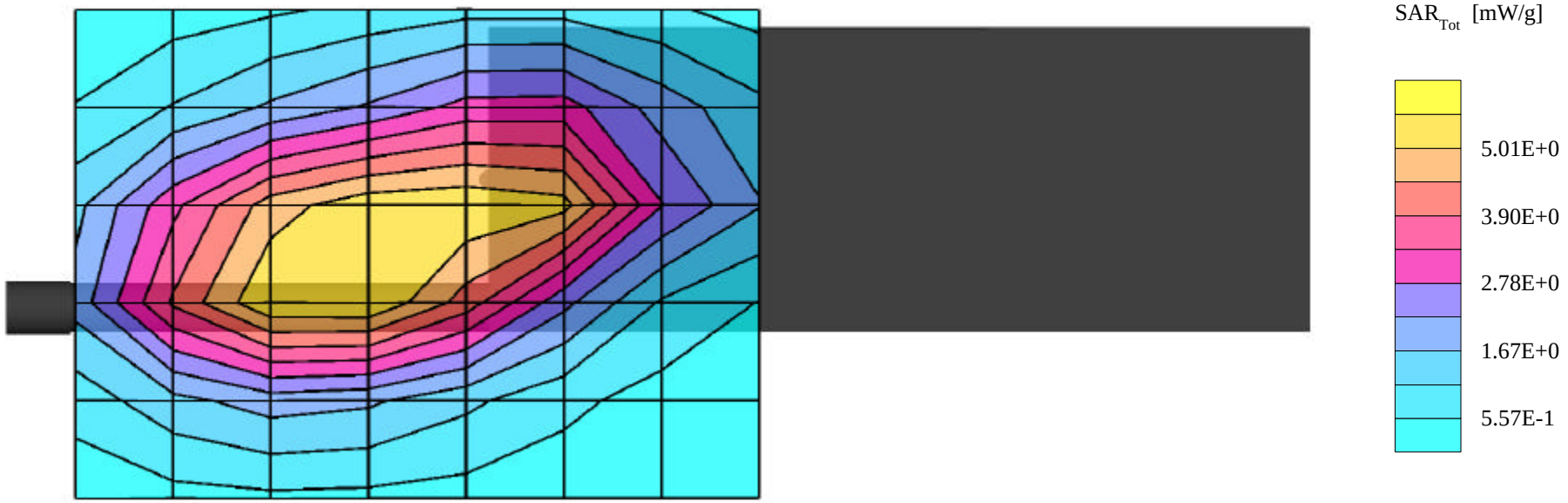
Body-Worn SAR with 1.1cm Metal Belt-Clip
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Low Channel [850.970 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001



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): 5.78 mW/g, SAR (10g): 3.99 mW/g

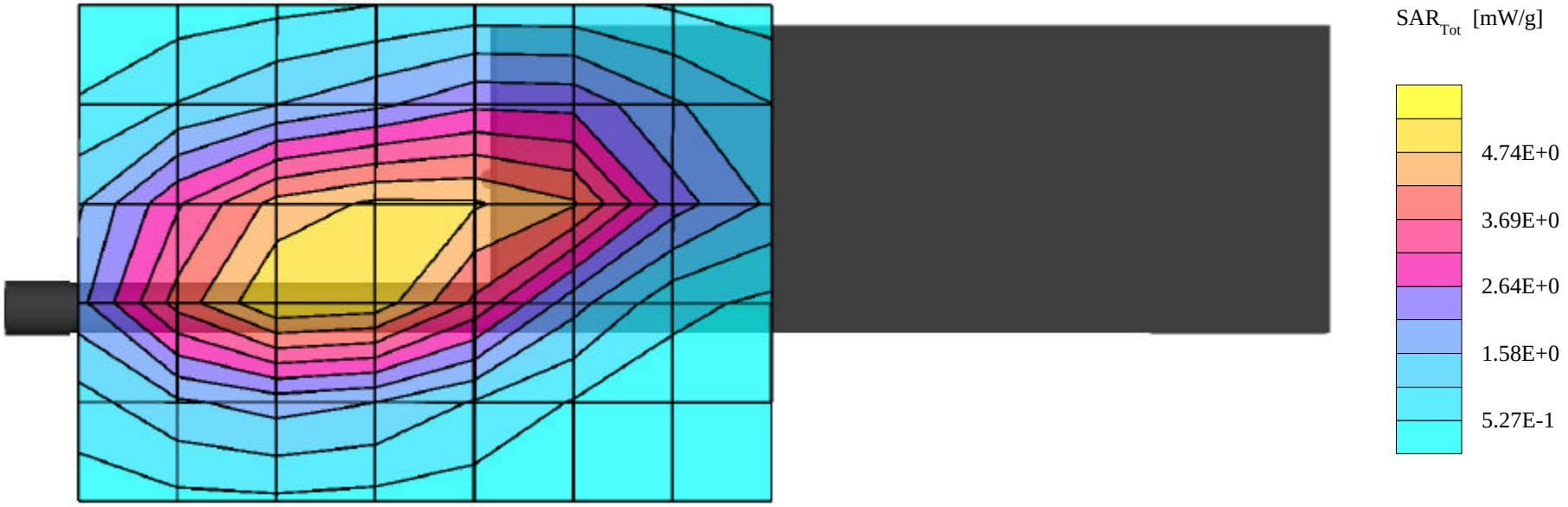
Body-Worn SAR with 1.1cm Metal Belt-Clip
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
Nickel Cadmium Battery (BKB191210/3)
M/A-Com Model: Jaguar 725P
Continuous Wave Mode
Mid Channel [860.520 MHz]
Conducted Power: 3.2 Watts
Date Tested: October 5, 2001



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): 4.85 mW/g, SAR (10g): 3.32 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
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 5, 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): 6.50 mW/g, SAR (10g): 4.29 mW/g

Body-Worn SAR with 1.1cm Metal Belt-Clip
Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
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 5, 2001