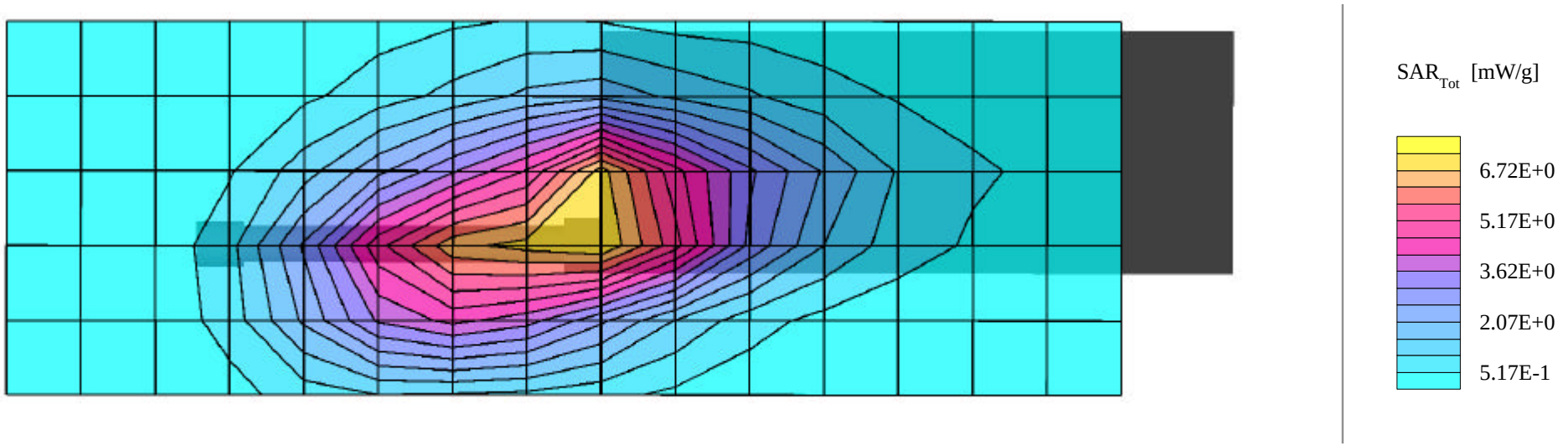
M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.95 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 7.68 mW/g, SAR (10g): 4.95 mW/g

Body-Worn SAR with Metal Belt-Clip (KRY1011647/1) & Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.1cm Belt-Clip Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.9°C
Date Tested: October 28, 2002

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

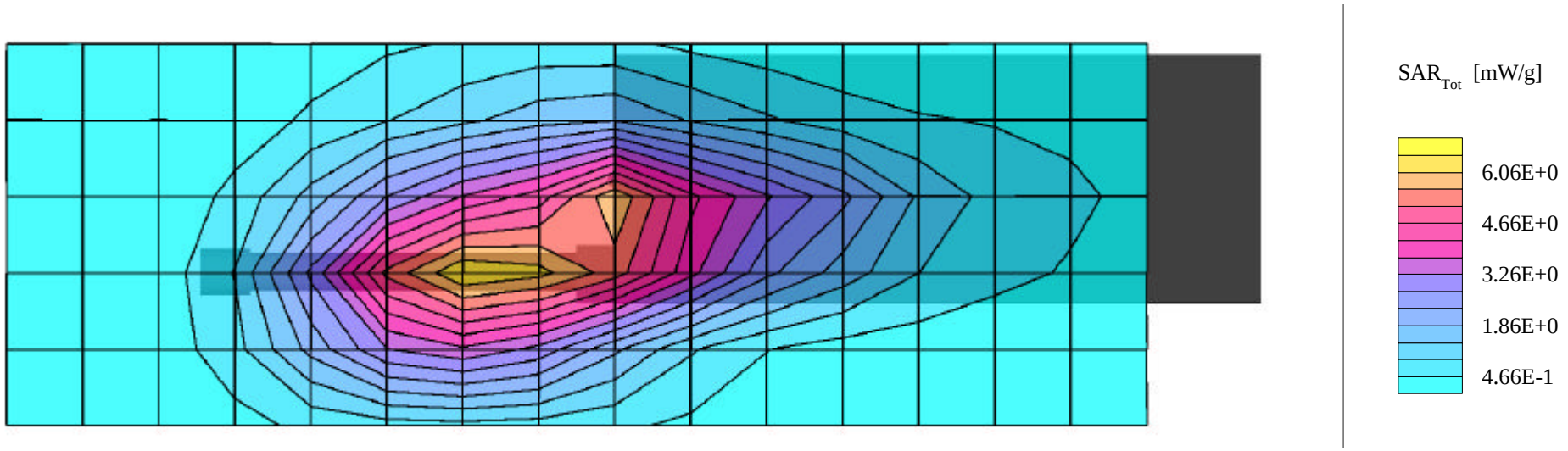


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.95 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 6.24 mW/g, SAR (10g): 4.25 mW/g

Body-Worn SAR with Metal Belt-Clip (KRY1011647/1) & Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.1cm Belt-Clip Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.9°C
Date Tested: October 28, 2002

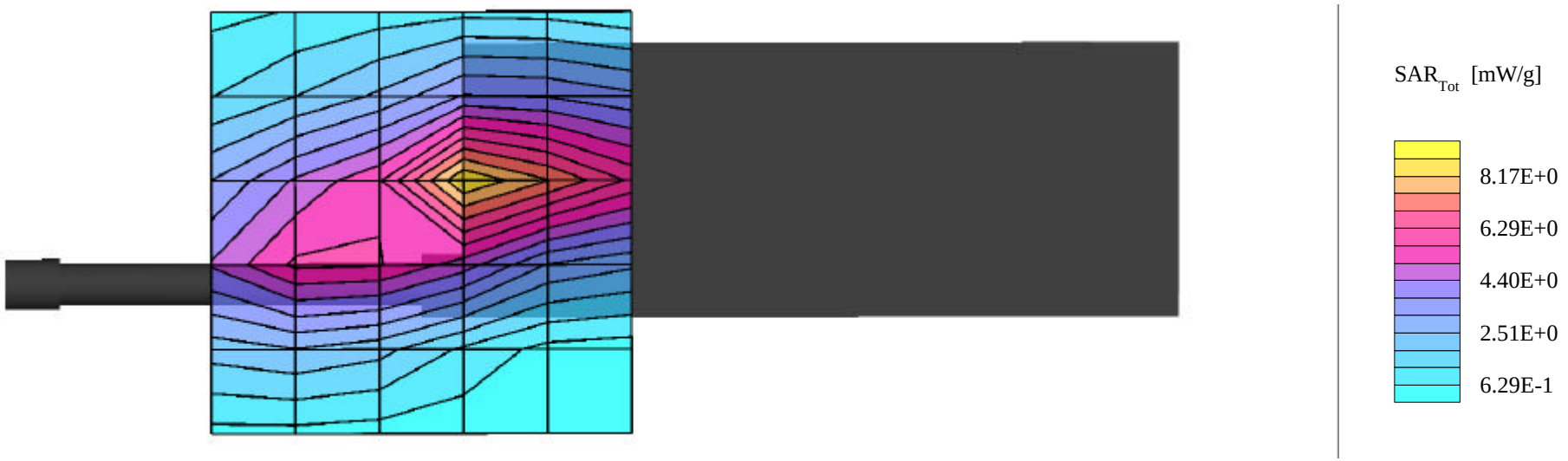
This large area scan is intended to show the peak SAR location relative to the device



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.95 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 7.10 mW/g, SAR (10g): 4.56 mW/g

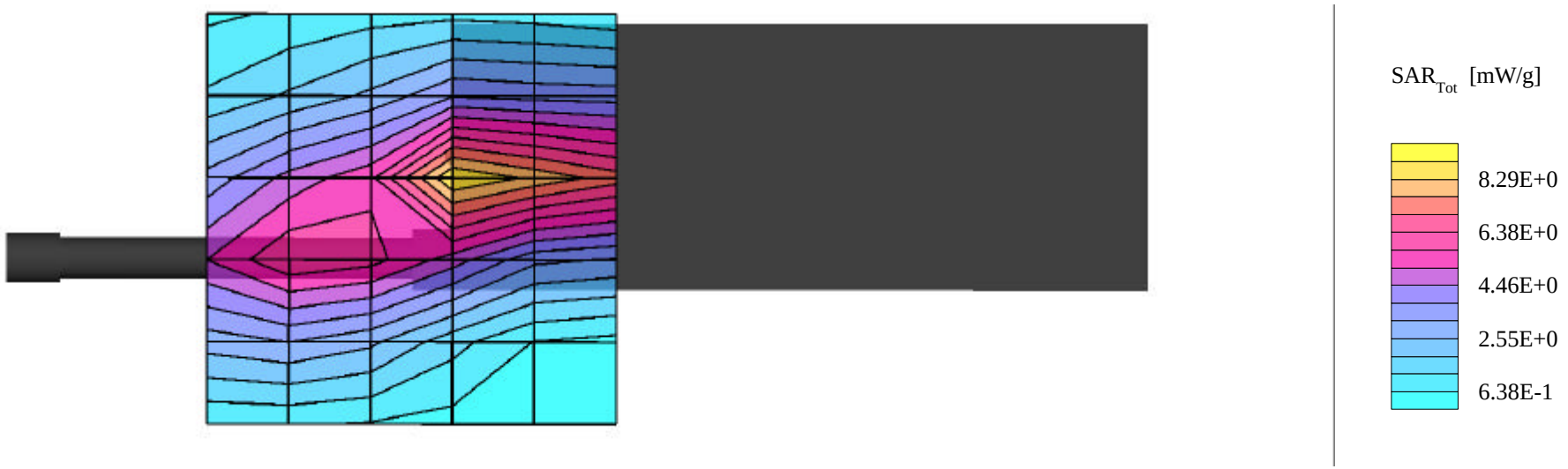
Body-Worn SAR with Metal Belt-Clip (KRY1011647/1) & Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.1cm Belt-Clip Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiverr
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Low Channel [806.0125 MHz]
Conducted Power: 3.38 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.9°C
Date Tested: October 28, 2002



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.95 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.19 dB
SAR (1g): 6.69 mW/g, SAR (10g): 4.29 mW/g

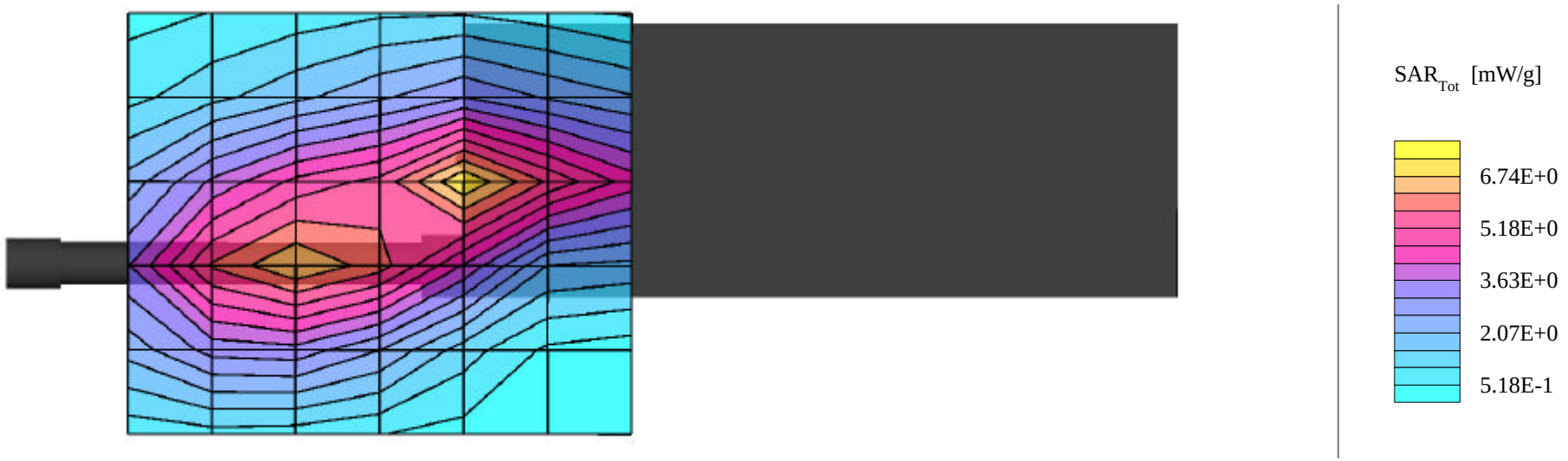
Body-Worn SAR with Metal Belt-Clip (KRY1011647/1) & Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.1cm Belt-Clip Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band High Channel [823.9875 MHz]
Conducted Power: 3.33 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.9°C
Date Tested: October 28, 2002



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.95 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 6.31 mW/g, SAR (10g): 4.04 mW/g

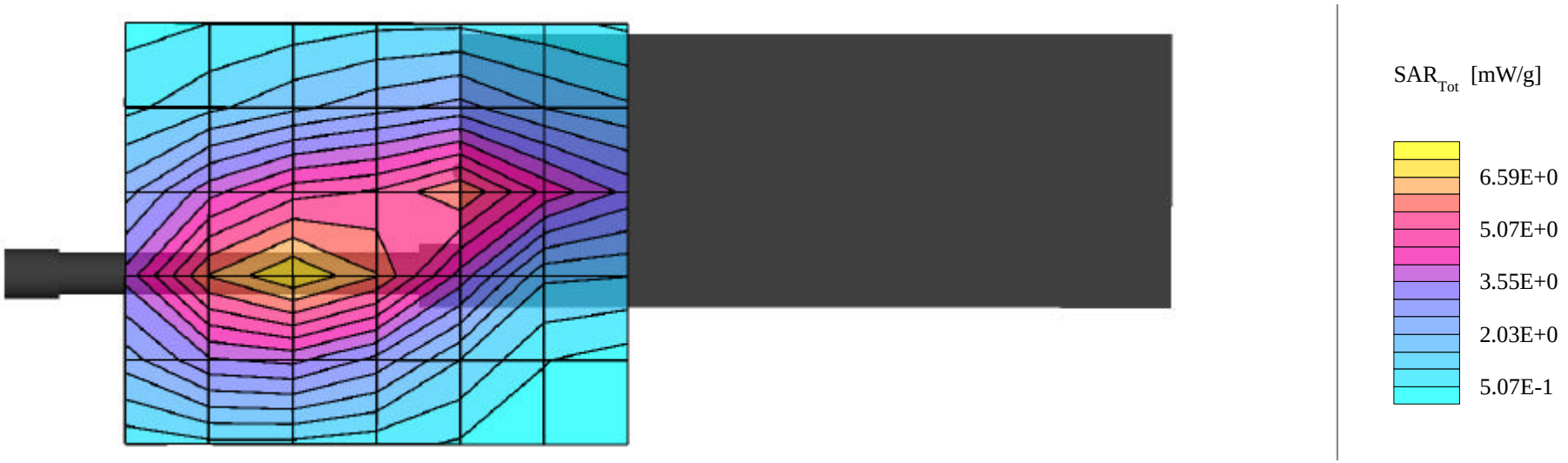
Body-Worn SAR with Metal Belt-Clip (KRY1011647/1) & Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.1cm Belt-Clip Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Low Channel [851.0125 MHz]
Conducted Power: 3.22 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.9°C
Date Tested: October 28, 2002



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.95 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 6.73 mW/g, SAR (10g): 4.29 mW/g

Body-Worn SAR with Metal Belt-Clip (KRY1011647/1) & Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.1cm Belt-Clip Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band High Channel [868.9875 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.9°C
Date Tested: October 28, 2002



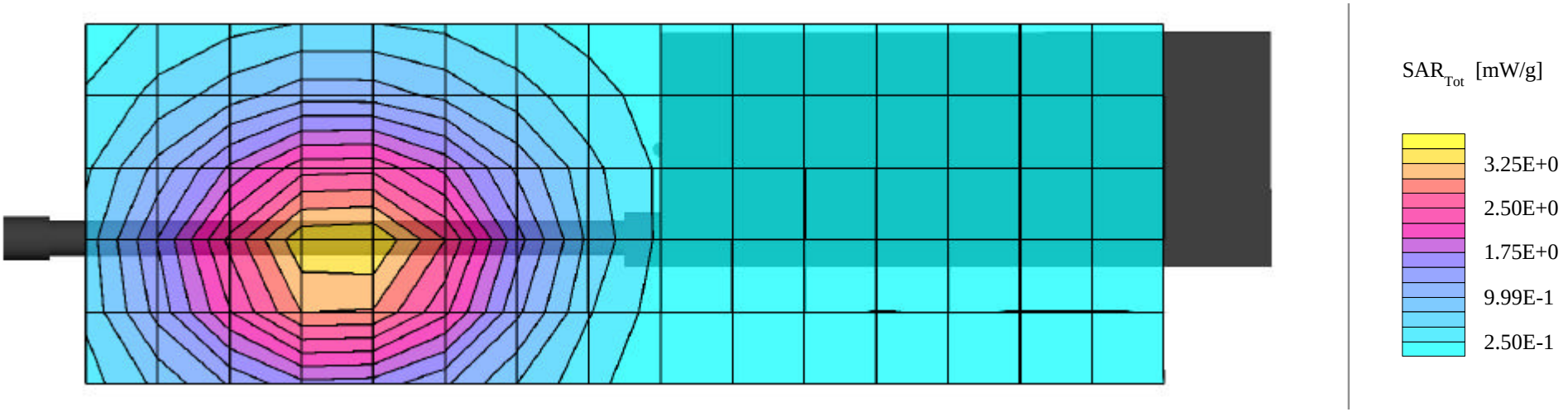
Body-worn SAR Test Plots (with Leather Belt-Loop & Speaker-Microphone)

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 3.28 mW/g, SAR (10g): 2.38 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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

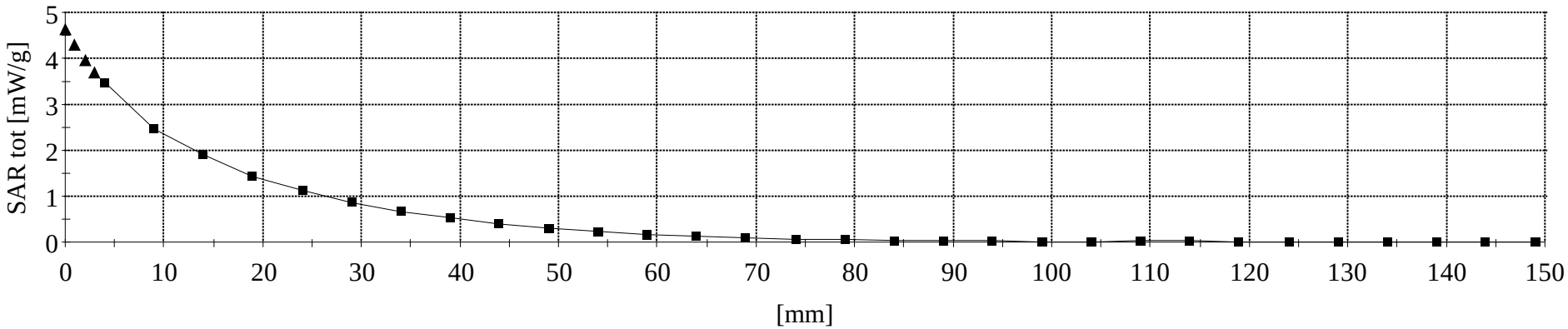


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3

Z-Axis Extrapolation at Peak SAR Location

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

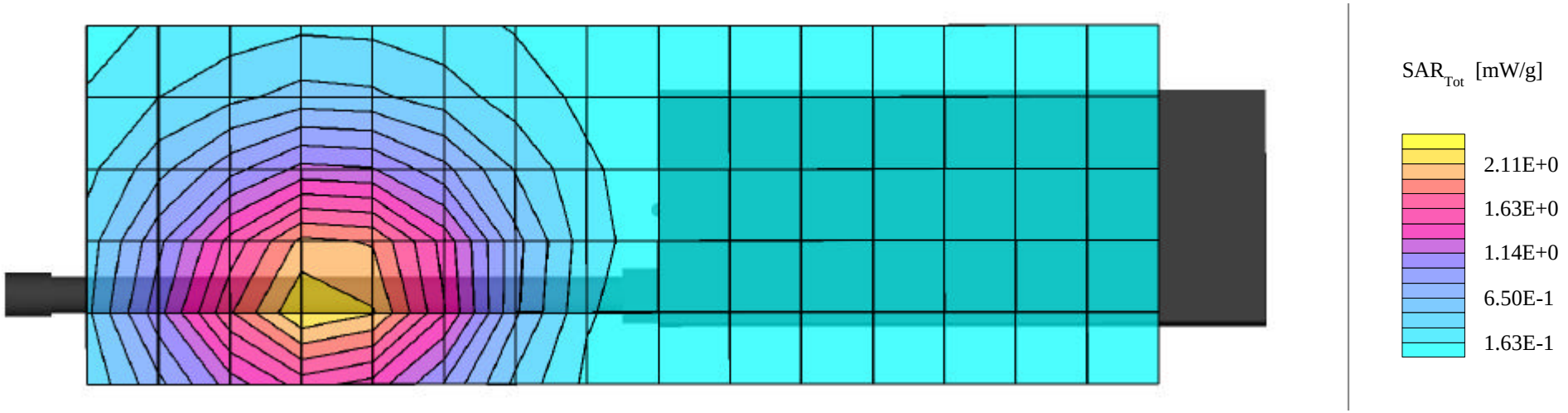


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.19 dB
SAR (1g): 2.15 mW/g, SAR (10g): 1.55 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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

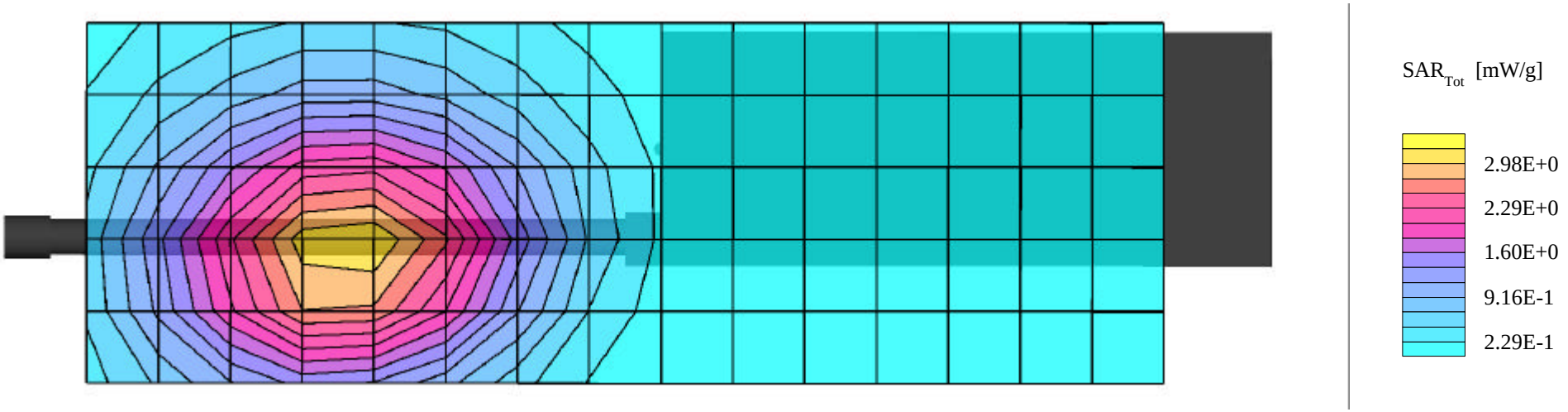


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 3.09 mW/g, SAR (10g): 2.23 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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

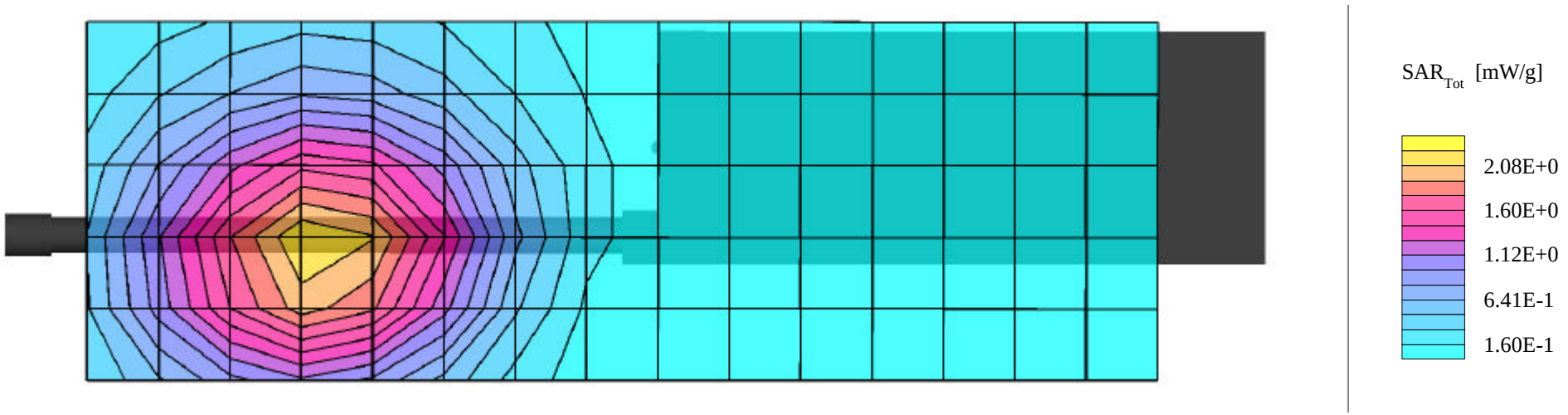


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 2.11 mW/g, SAR (10g): 1.51 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 3.16 mW/g, SAR (10g): 2.30 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band Low Channel [806.0125 MHz]
Conducted Power: 3.38 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 2.92 mW/g, SAR (10g): 2.14 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band High Channel [823.9875 MHz]
Conducted Power: 3.33 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 1.98 mW/g, SAR (10g): 1.42 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band Low Channel [851.0125 MHz]
Conducted Power: 3.22 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 1.80 mW/g, SAR (10g): 1.28 mW/g

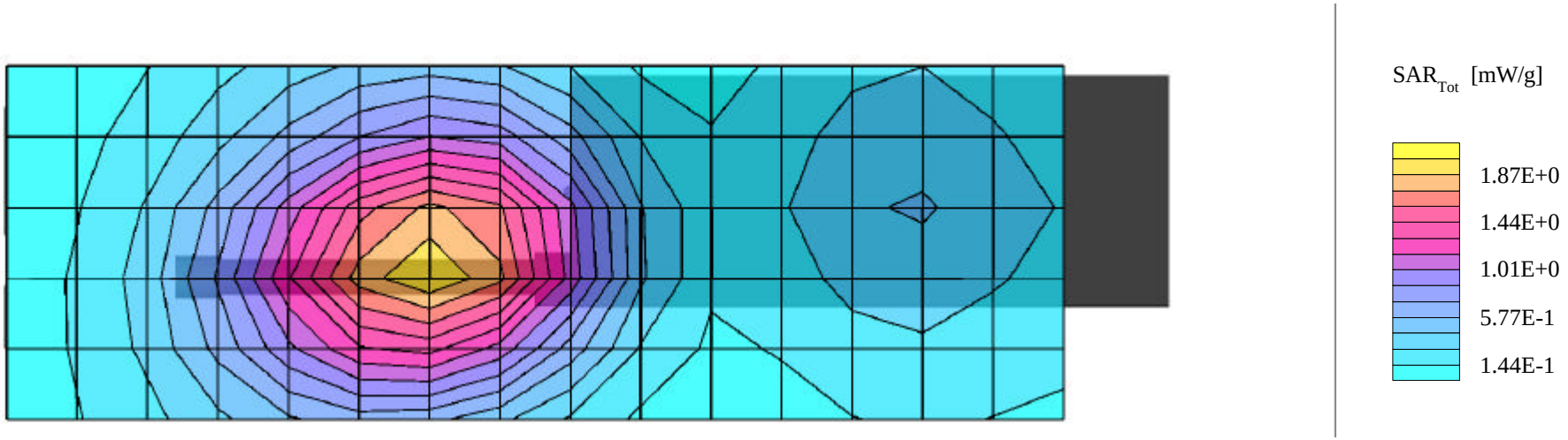
Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band High Channel [868.9875 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 1.82 mW/g, SAR (10g): 1.32 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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

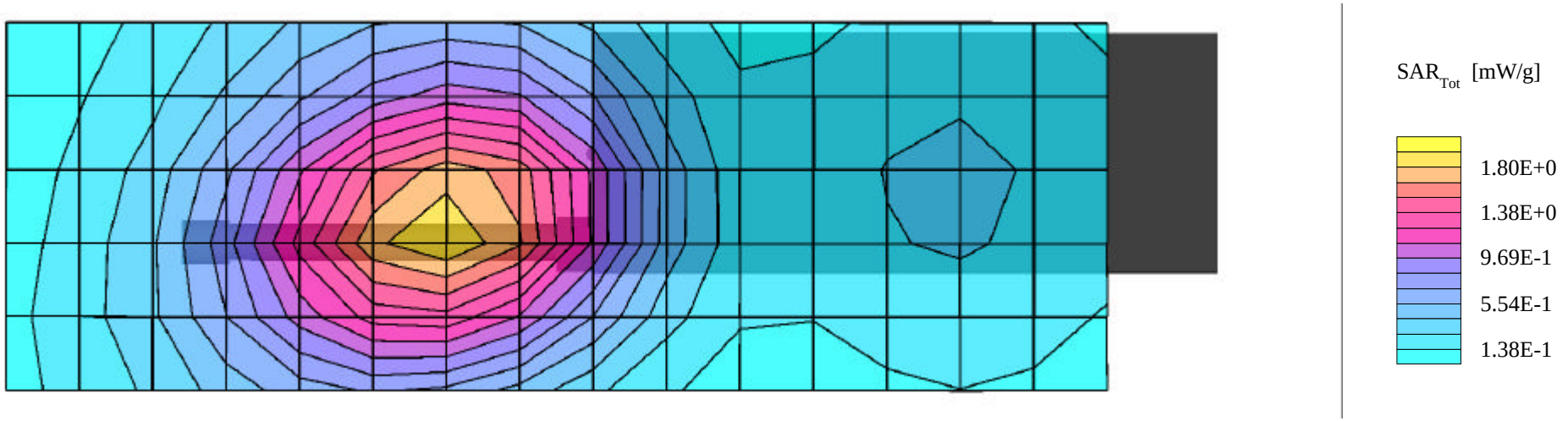


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 1.89 mW/g, SAR (10g): 1.35 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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

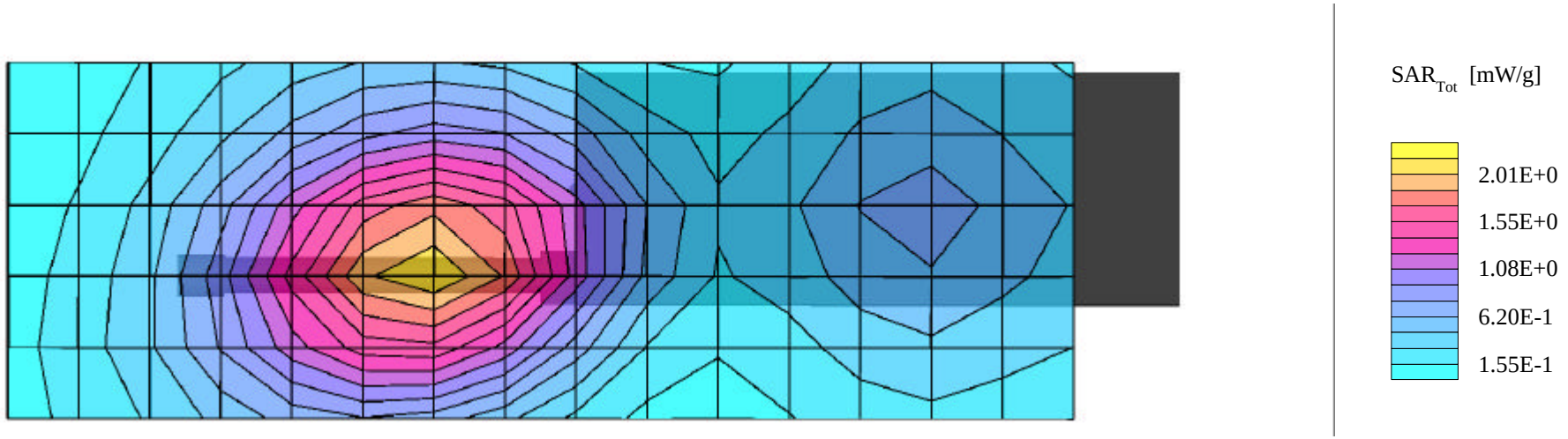


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 1.90 mW/g, SAR (10g): 1.37 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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

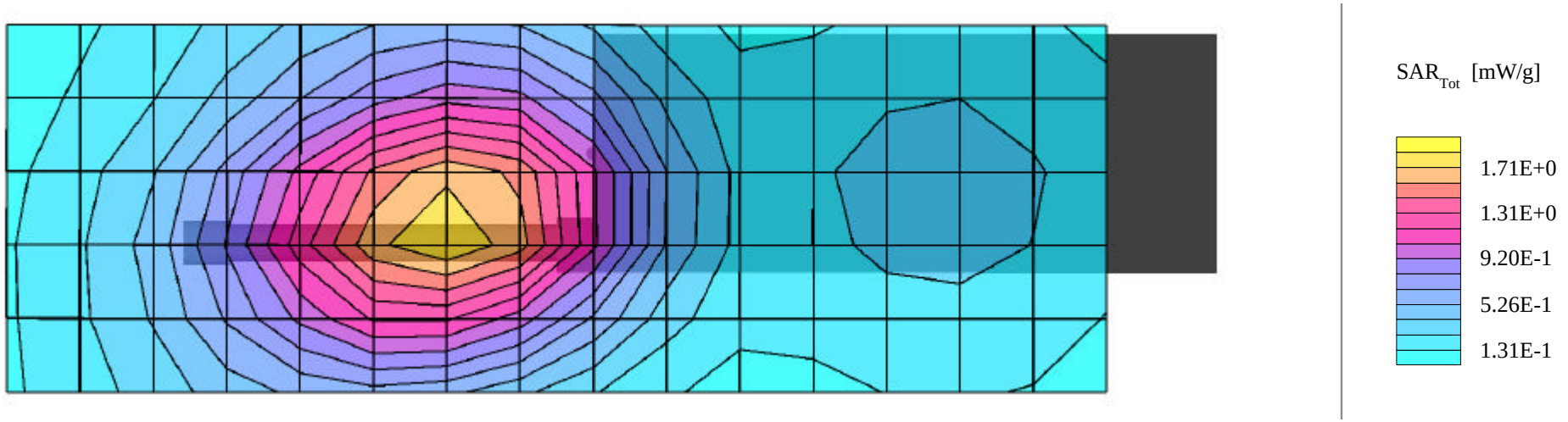


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.19 dB
SAR (1g): 1.79 mW/g, SAR (10g): 1.28 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

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



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 1.85 mW/g, SAR (10g): 1.34 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Low Channel [806.0125 MHz]
Conducted Power: 3.38 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 1.93 mW/g, SAR (10g): 1.39 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band High Channel [823.9875 MHz]
Conducted Power: 3.33 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 2.17 mW/g, SAR (10g): 1.56 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band Low Channel [851.0125 MHz]
Conducted Power: 3.22 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 53.0 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 2.26 mW/g, SAR (10g): 1.62 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
3.3cm Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band High Channel [868.9875 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.4°C; Fluid Temp: 21.5°C
Date Tested: October 29, 2002

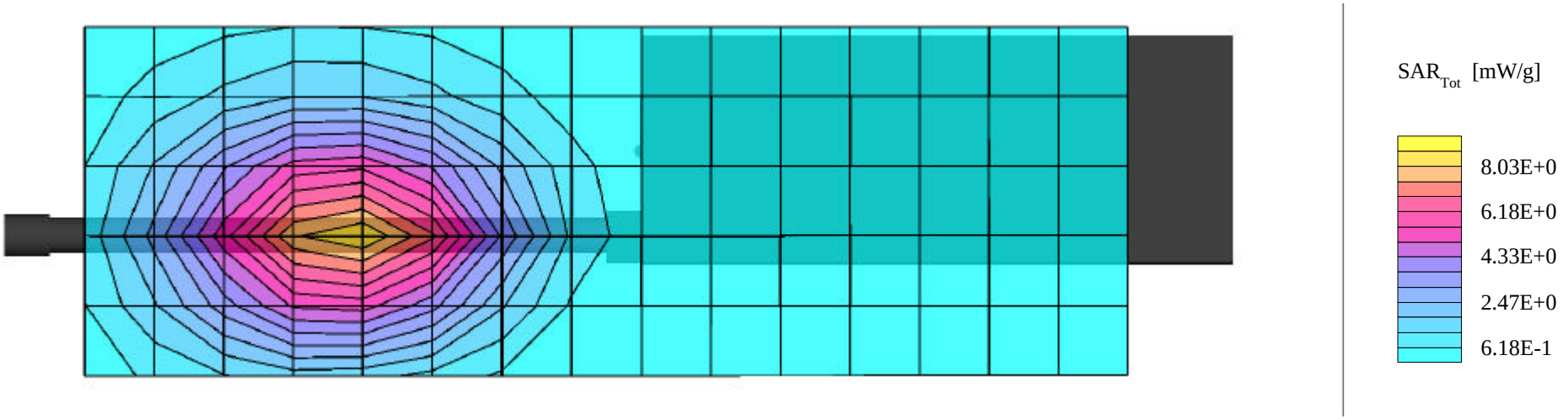
Body-worn SAR Test Plots (with Leather Case & Speaker-Microphone)

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 7.97 mW/g, SAR (10g): 5.59 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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

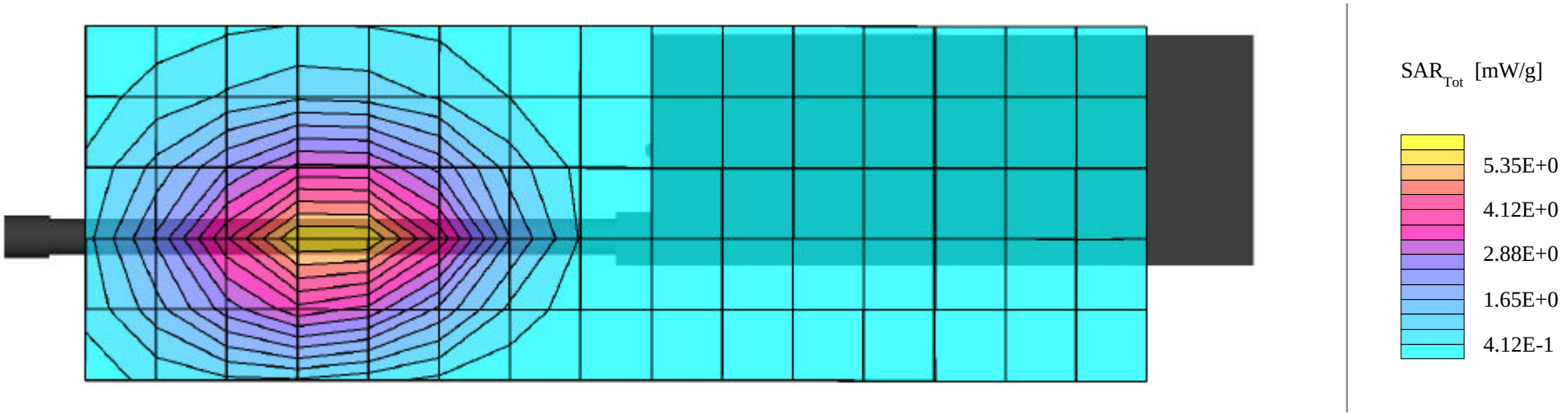


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 5.56 mW/g, SAR (10g): 3.83 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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

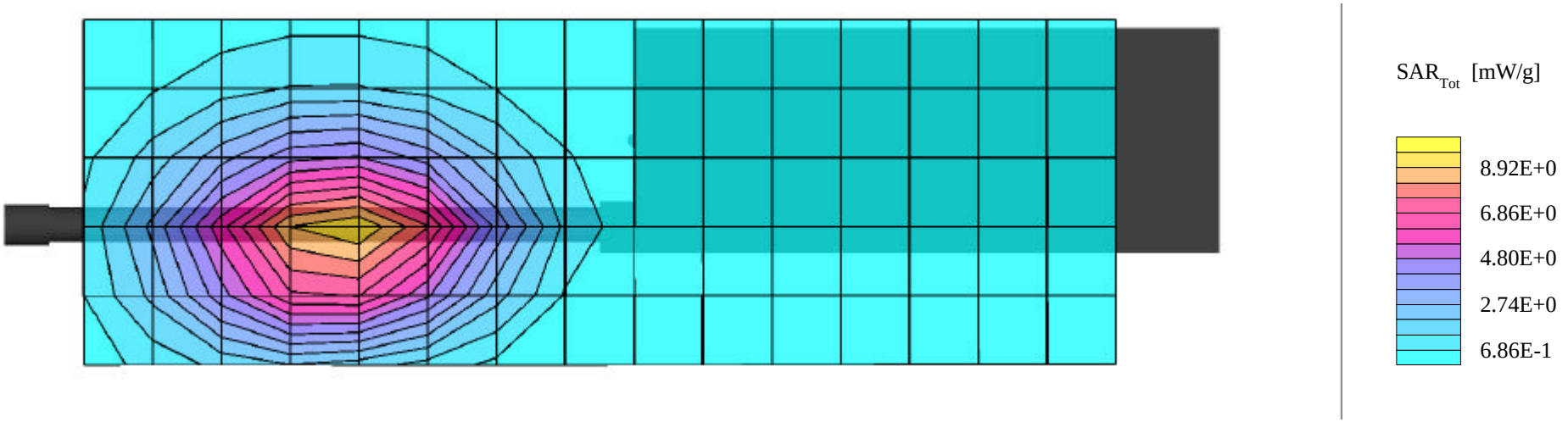


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 9.13 mW/g, SAR (10g): 6.36 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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

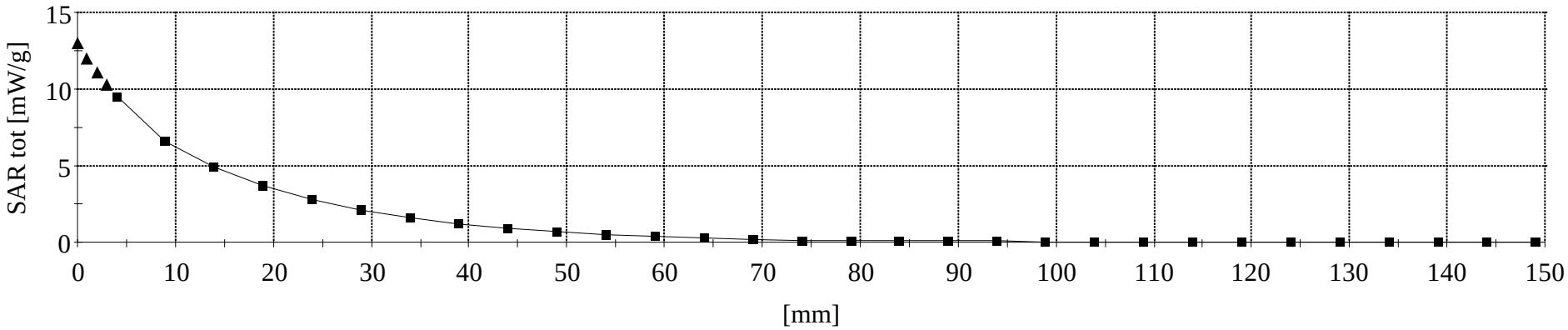


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Flat Section
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3

Z-Axis Extrapolation at Peak SAR Location

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

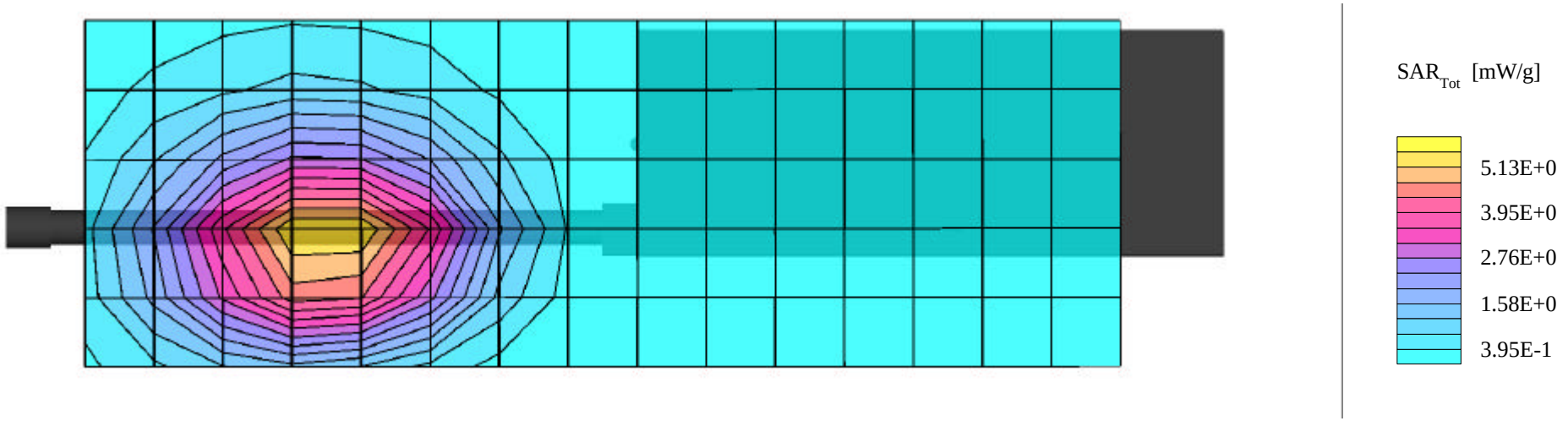


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 5.64 mW/g, SAR (10g): 3.91 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 8.91 mW/g, SAR (10g): 6.22 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Low Channel [806.0125 MHz]
Conducted Power: 3.38 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 9.01 mW/g, SAR (10g): 6.28 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band High Channel [823.9875 MHz]
Conducted Power: 3.33 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 6.74 mW/g, SAR (10g): 4.68 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Low Channel [851.0125 MHz]
Conducted Power: 3.22 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.22 dB
SAR (1g): 5.56 mW/g, SAR (10g): 3.84 mW/g

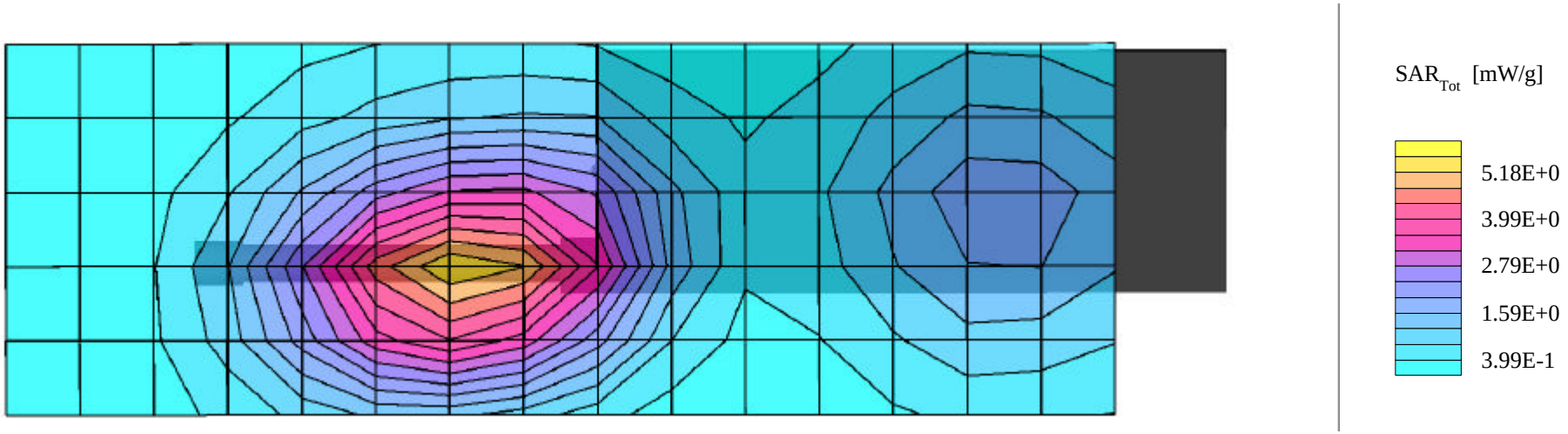
Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Flexible Gain Antenna (KRE1011506/1)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band High Channel [868.9875 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 5.12 mW/g, SAR (10g): 3.58 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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

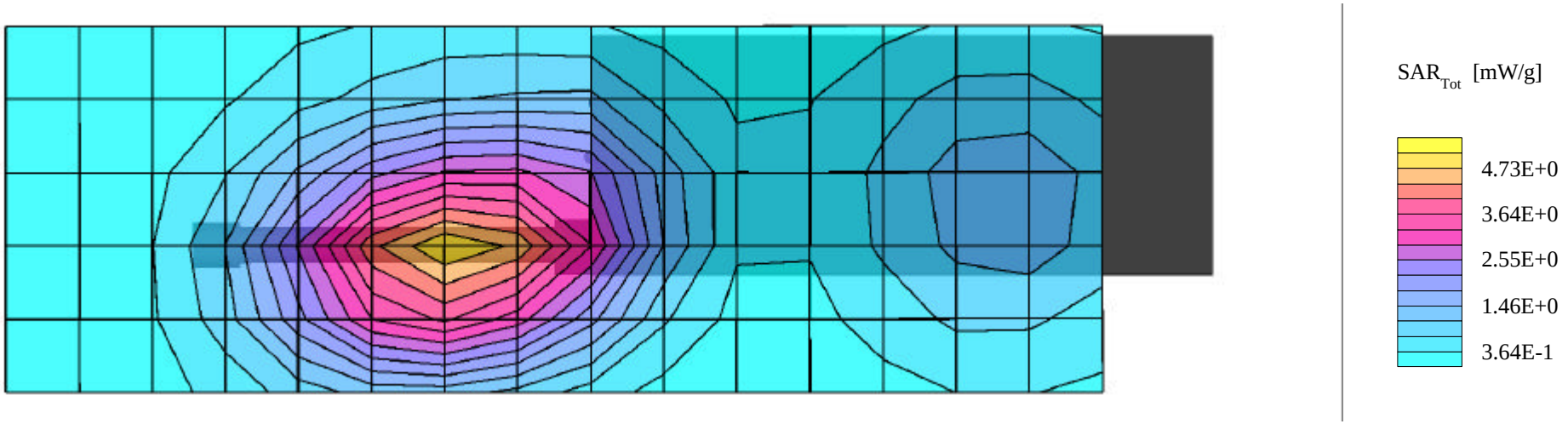


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 5.02 mW/g, SAR (10g): 3.47 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiMH Battery (BKB191210/4)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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

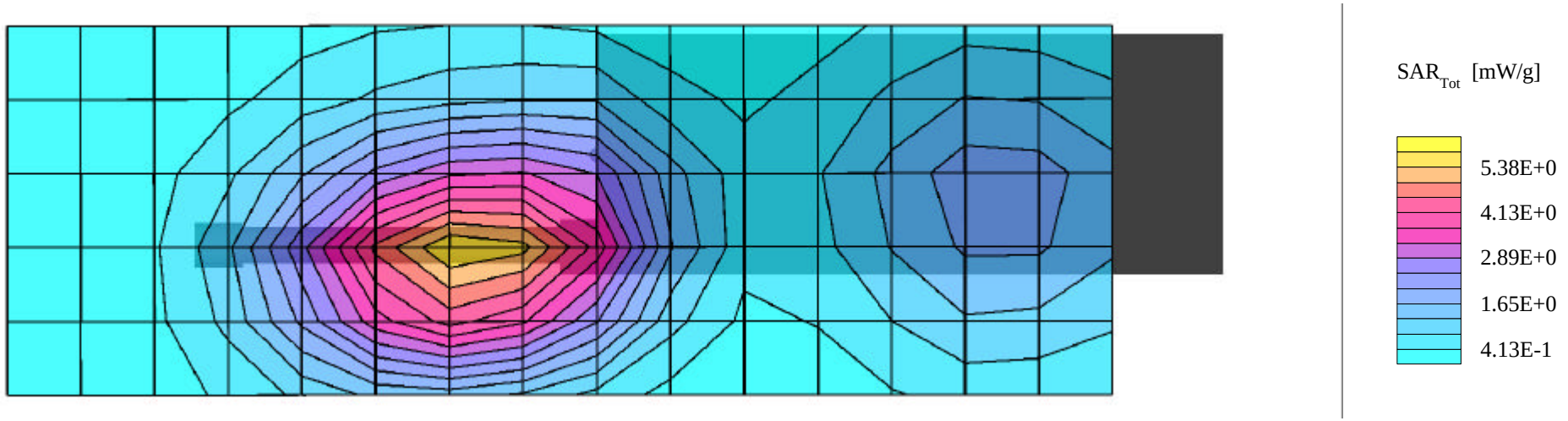


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 5.57 mW/g, SAR (10g): 3.89 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Mid Channel [815.5000 MHz]
Conducted Power: 3.35 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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

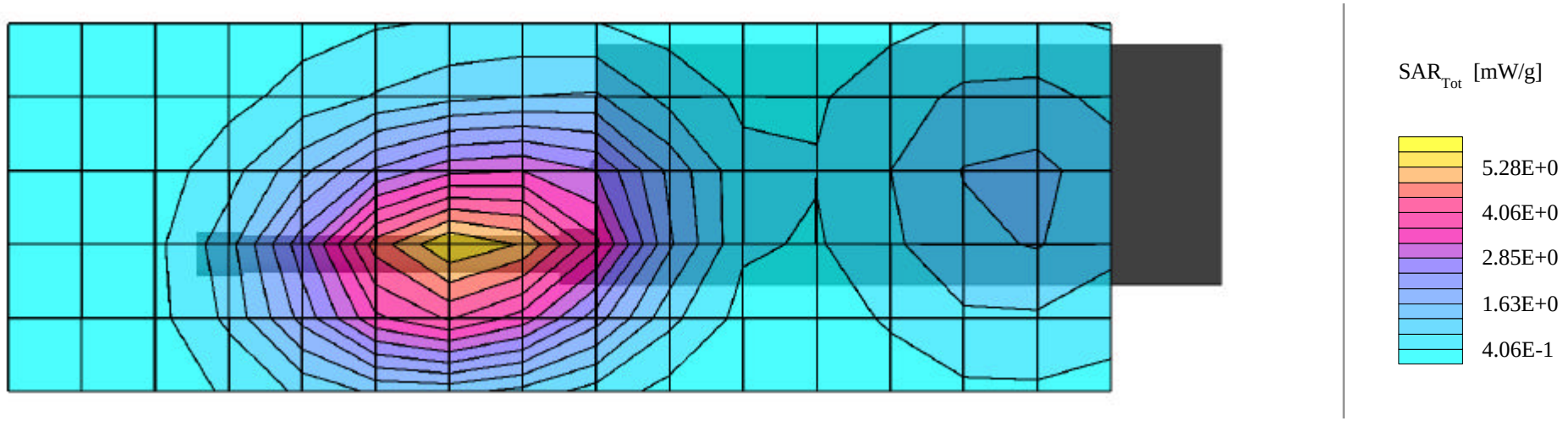


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 5.57 mW/g, SAR (10g): 3.83 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
High Band Mid Channel [863.0000 MHz]
Conducted Power: 3.18 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

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



M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.21 dB
SAR (1g): 6.11 mW/g, SAR (10g): 4.29 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band Low Channel [806.0125 MHz]
Conducted Power: 3.38 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002

M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Planar Section; Position: (270°,180°)
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: σ = 0.96 mho/m ε_r = 52.7 ρ = 1.00 g/cm^3
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 5.28 mW/g, SAR (10g): 3.70 mW/g

Body-Worn SAR with Leather Case/Belt-Loop (KRY1011638/1)
with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
1.7cm Leather Case/Belt-Loop Separation Distance to Planar Phantom
J7100(PI) Portable FM PTT Radio Transceiver
Whip Antenna (KRE1011223/01)
NiCd Battery (BKB191210/3)
Continuous Wave Mode
Low Band High Channel [823.9875 MHz]
Conducted Power: 3.33 Watts
Ambient Temp: 21.5°C; Fluid Temp: 21.3°C
Date Tested: October 30, 2002