

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: $\sigma = 0.95$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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)

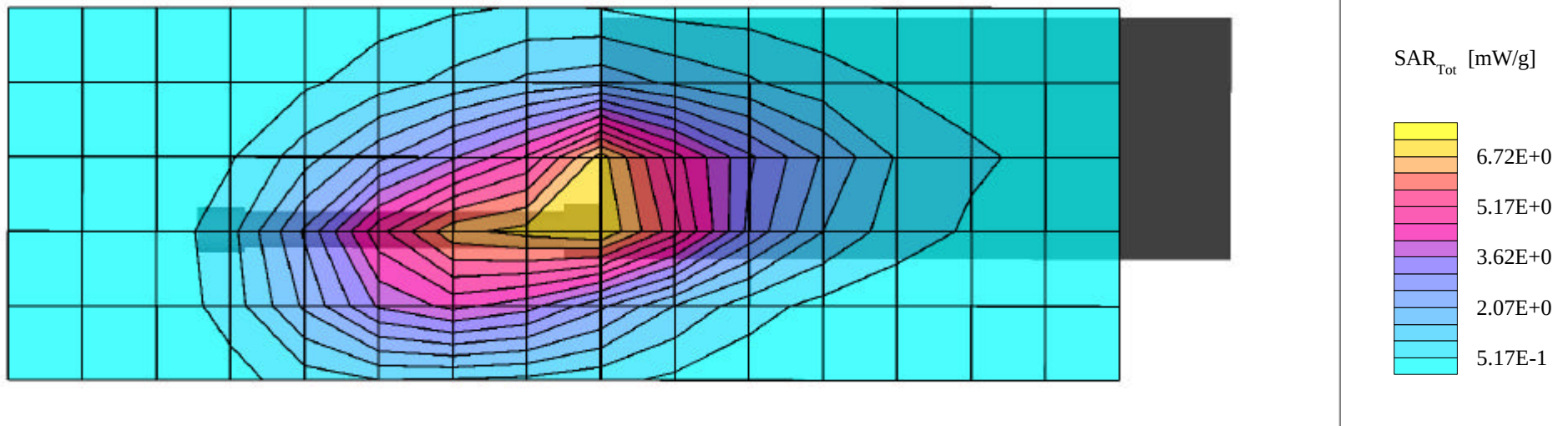
Continuous Wave Mode

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

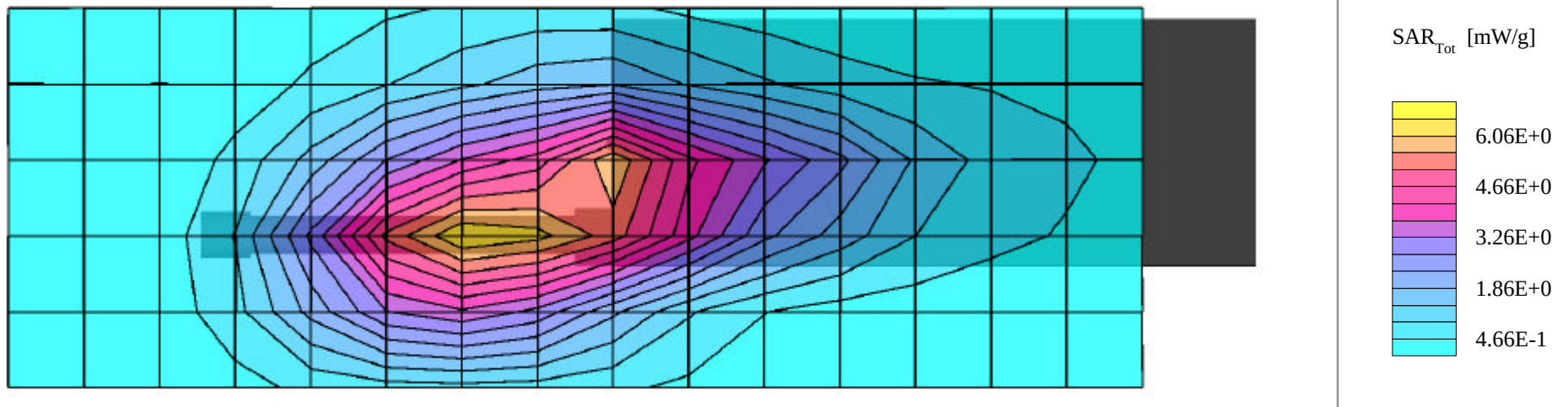
This large area scan is intended to show the peak SAR location relative to the device

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 835 MHz Muscle: $\sigma = 0.95$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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

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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 Transceiver

Whip Antenna (KRE1011223/01)

NiCd Battery (BKB191210/3)

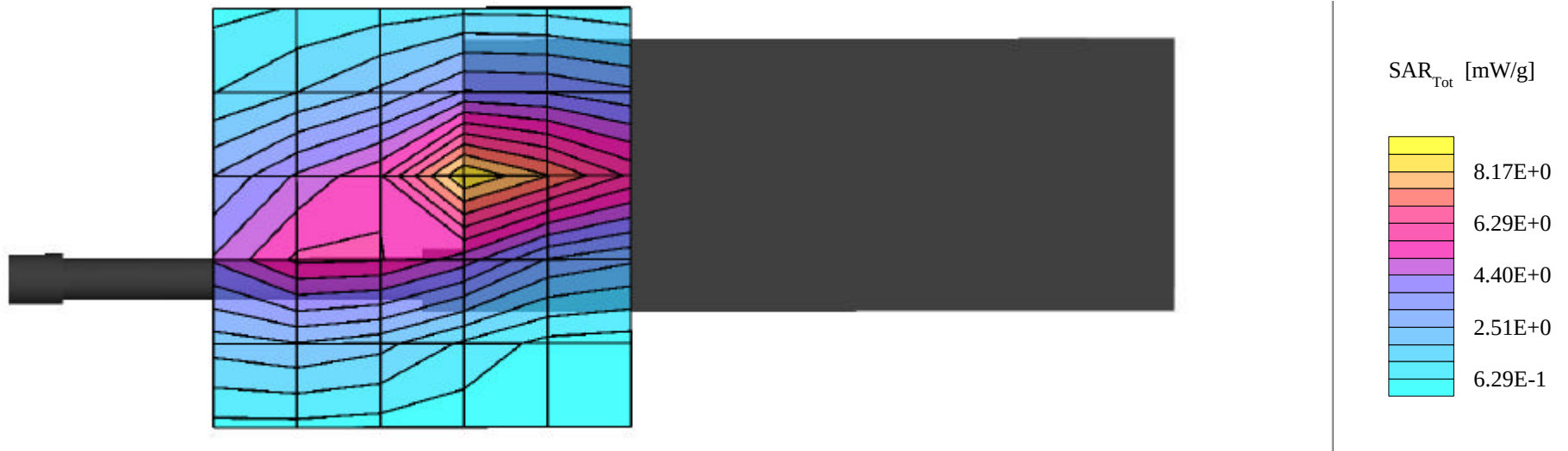
Continuous Wave Mode

Low Band Low Channel [806.0125 MHz]

Conducted Power: 3.38 Watts

Ambient Temp: 21.4°C; Fluid Temp: 21.9°C

Date Tested: October 28, 2002



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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: $\sigma = 0.95$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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)

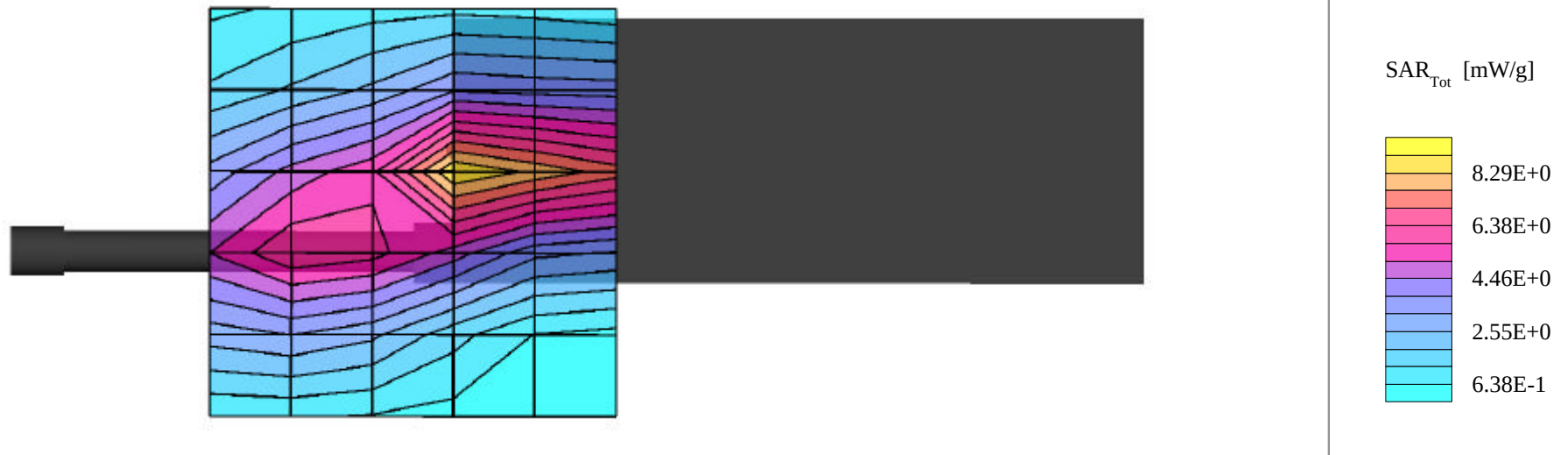
Continuous Wave Mode

Low Band High Channel [823.9875 MHz]

Conducted Power: 3.33 Watts

Ambient Temp: 21.4°C; Fluid Temp: 21.9°C

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 835 MHz Muscle: $\sigma = 0.95$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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)

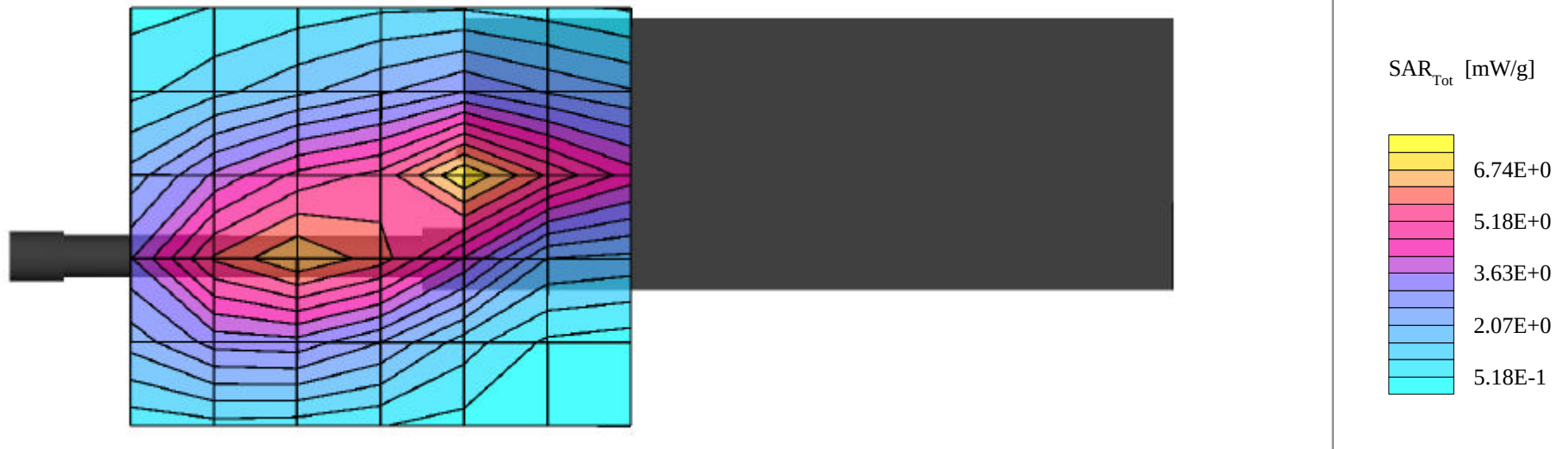
Continuous Wave Mode

High Band Low Channel [851.0125 MHz]

Conducted Power: 3.22 Watts

Ambient Temp: 21.4°C; Fluid Temp: 21.9°C

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835 MHz Muscle: $\sigma = 0.95$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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)

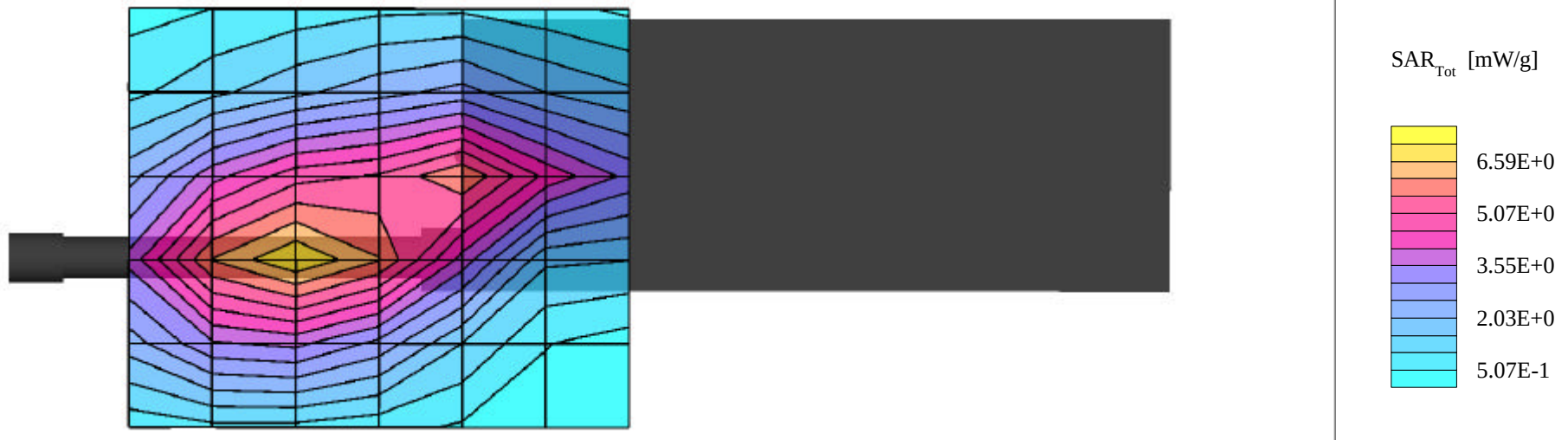
Continuous Wave Mode

High Band High Channel [868.9875 MHz]

Conducted Power: 3.18 Watts

Ambient Temp: 21.4°C; Fluid Temp: 21.9°C

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

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835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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

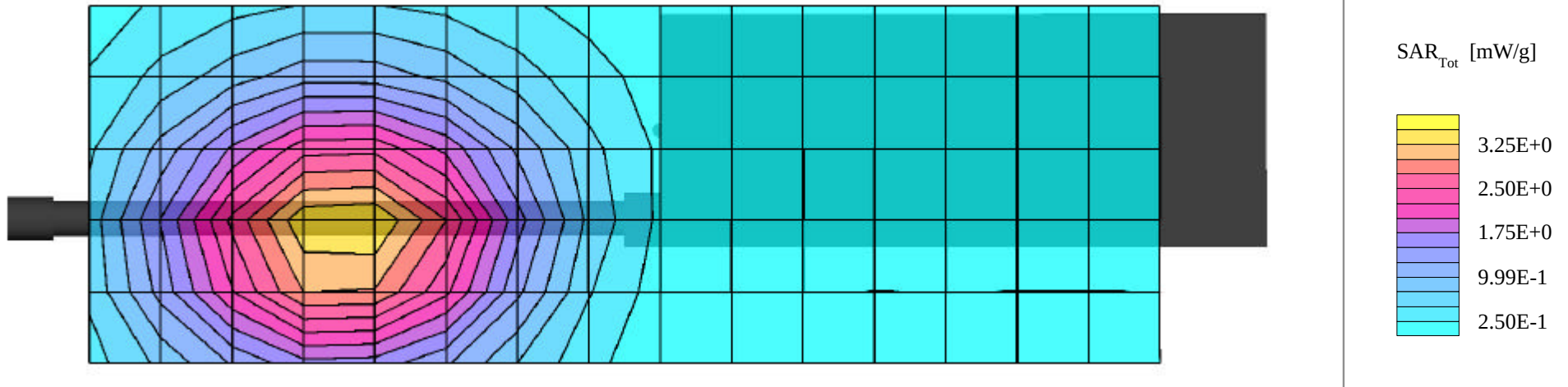
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Z-Axis Extrapolation at Peak SAR Location

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)

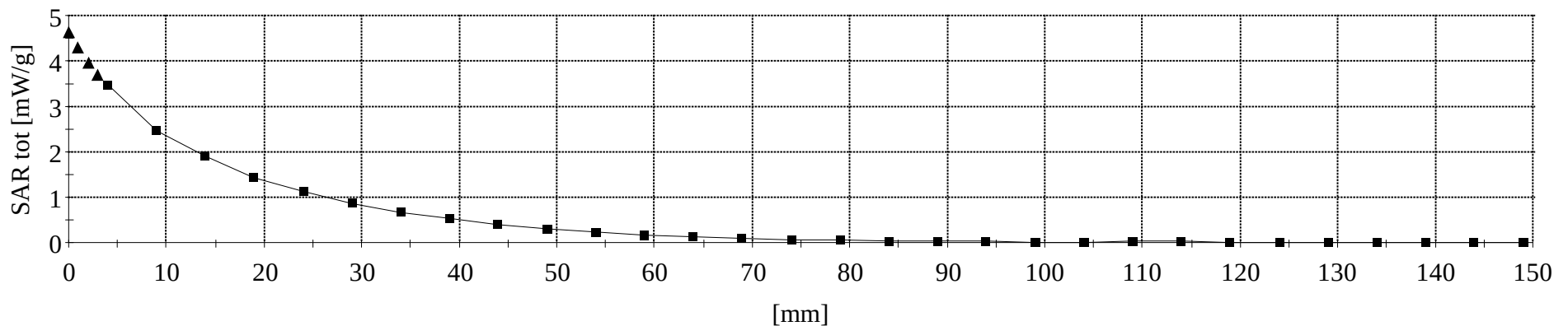
Continuous Wave Mode

Low Band Mid Channel [815.5000 MHz]

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Date Tested: October 29, 2002

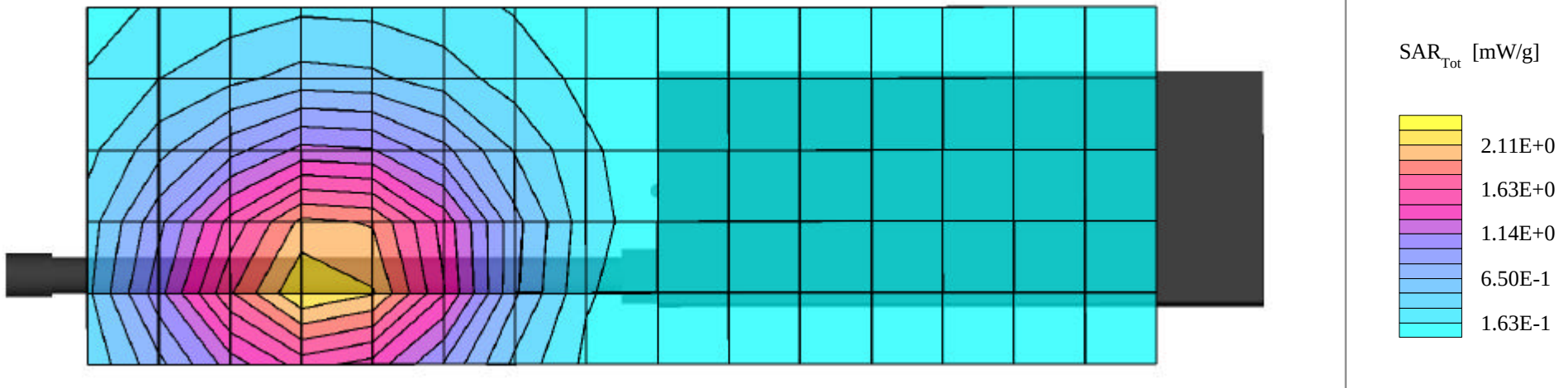


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 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: -0.19 dB
 SAR (1g): 2.15 mW/g, SAR (10g): 1.55 mW/g

Body-Worn SAR with Leather Belt-Loop (19B226627G2) & Swivel (19B233243G3)
 with Speaker-Microphone (KRY1011617/83R1A, KRY1011617/183R1A)
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 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
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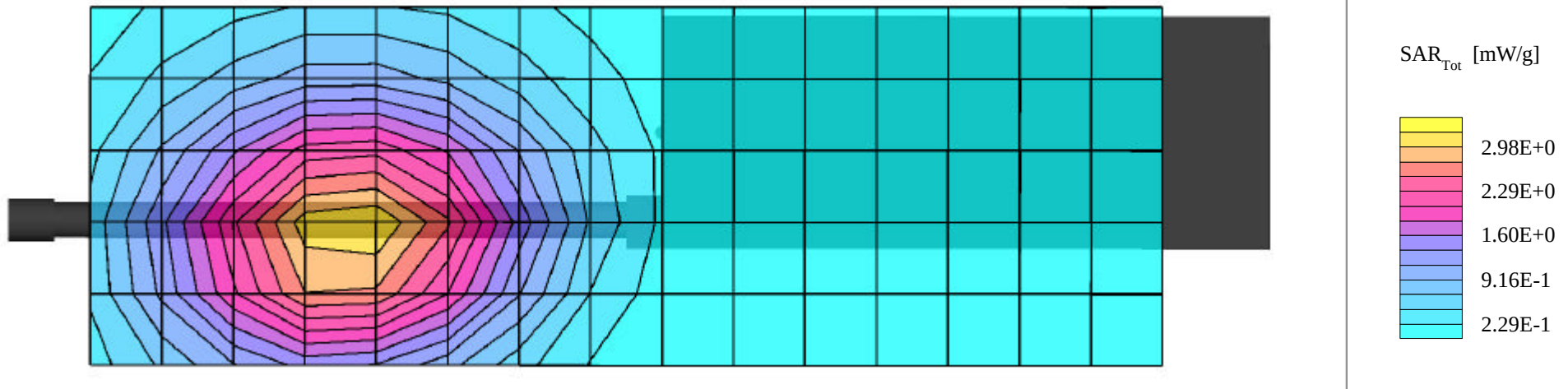


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 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: -0.21 dB
 SAR (1g): 3.09 mW/g, SAR (10g): 2.23 mW/g

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
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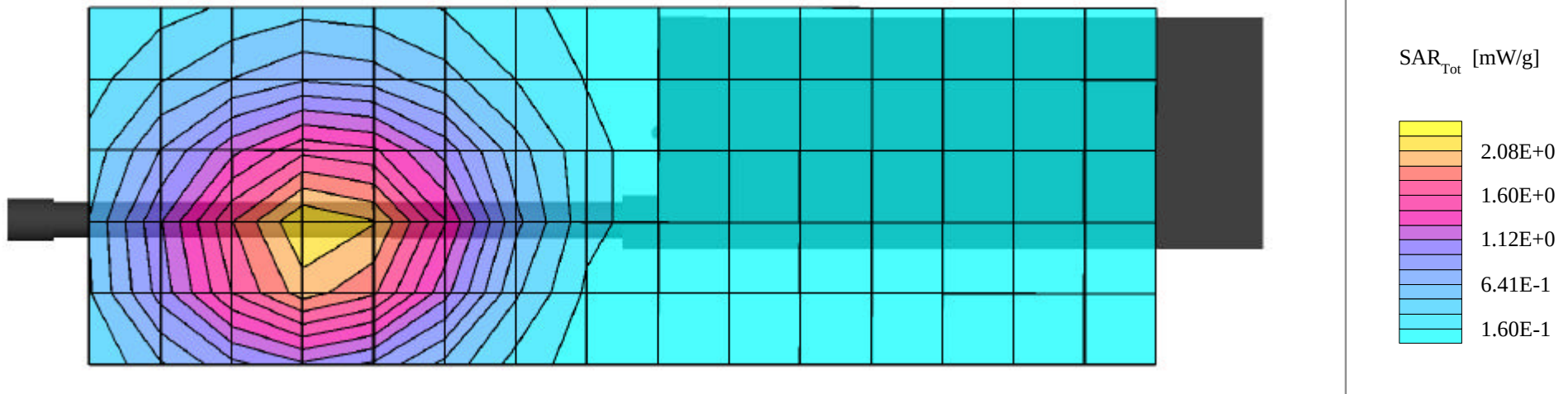


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 835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: -0.20 dB
 SAR (1g): 2.11 mW/g, SAR (10g): 1.51 mW/g

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
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835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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]

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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

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NiMH Battery (BKB191210/4)

Continuous Wave Mode

Low Band High Channel [823.9875 MHz]

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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

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835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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)

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3.3cm Belt-Loop Separation Distance to Planar Phantom

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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

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NiMH Battery (BKB191210/4)

Continuous Wave Mode

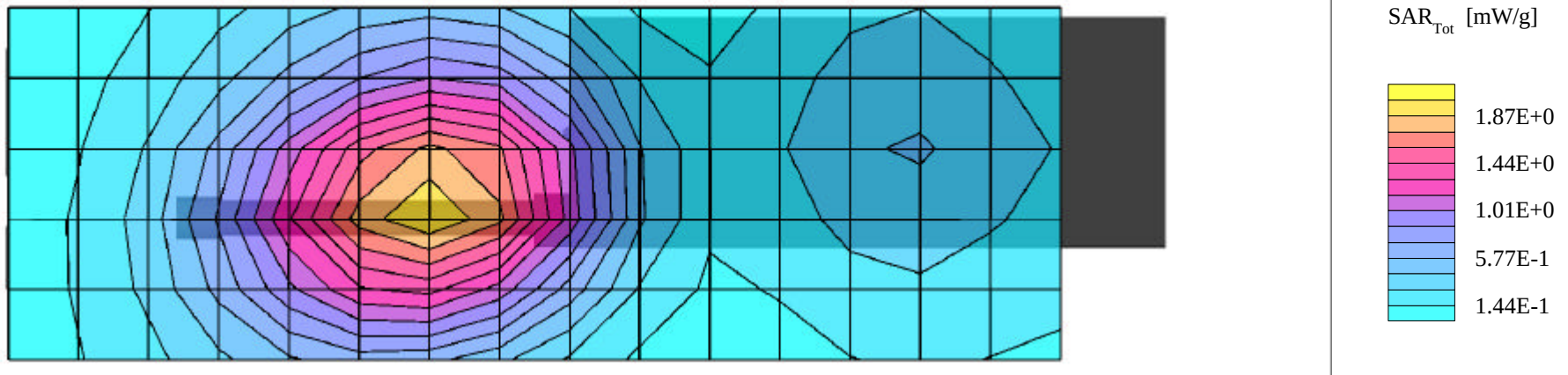
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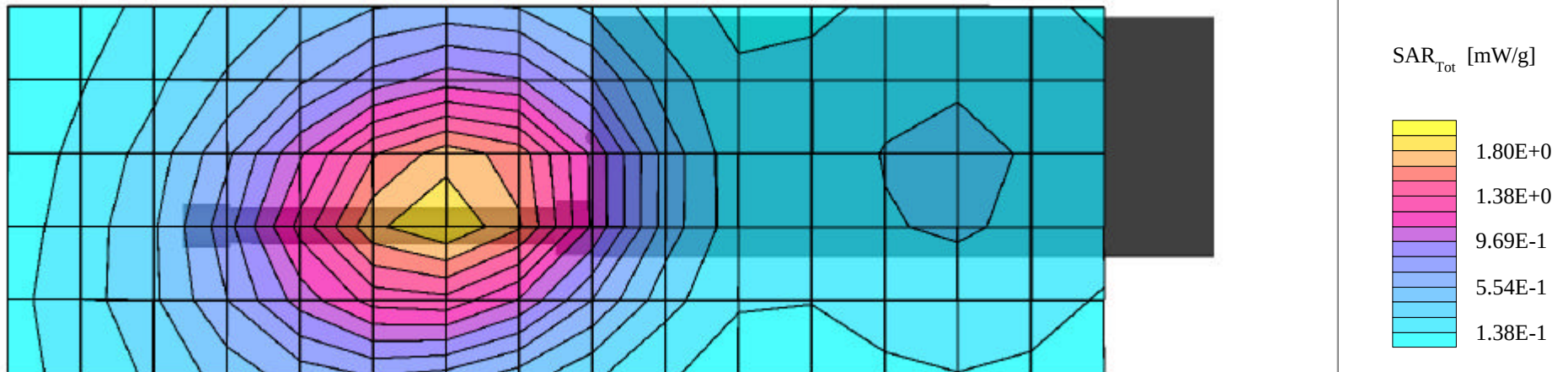


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 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: -0.21 dB
 SAR (1g): 1.89 mW/g, SAR (10g): 1.35 mW/g

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
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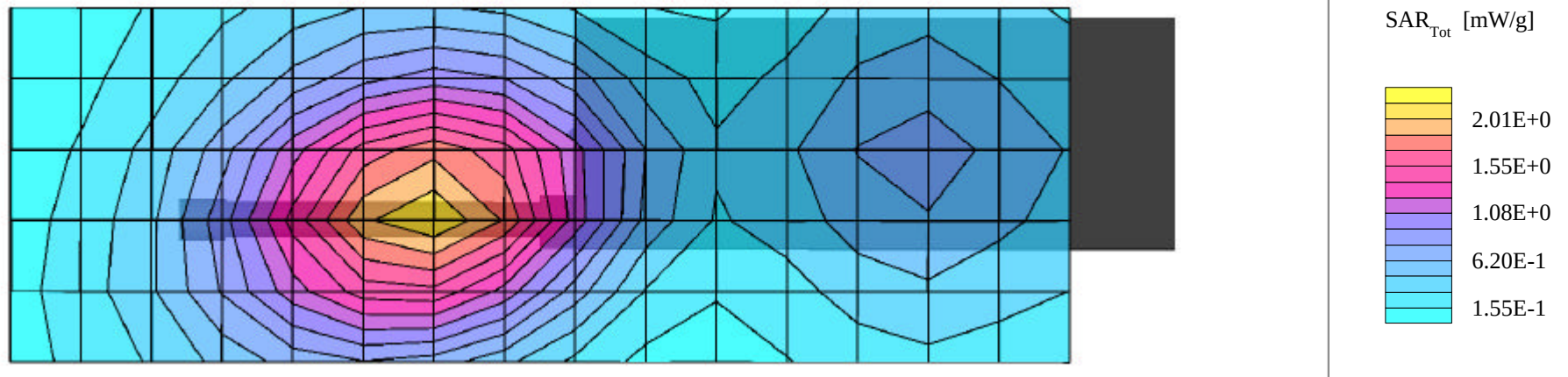


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 835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: -0.18 dB
 SAR (1g): 1.90 mW/g, SAR (10g): 1.37 mW/g

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
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835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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

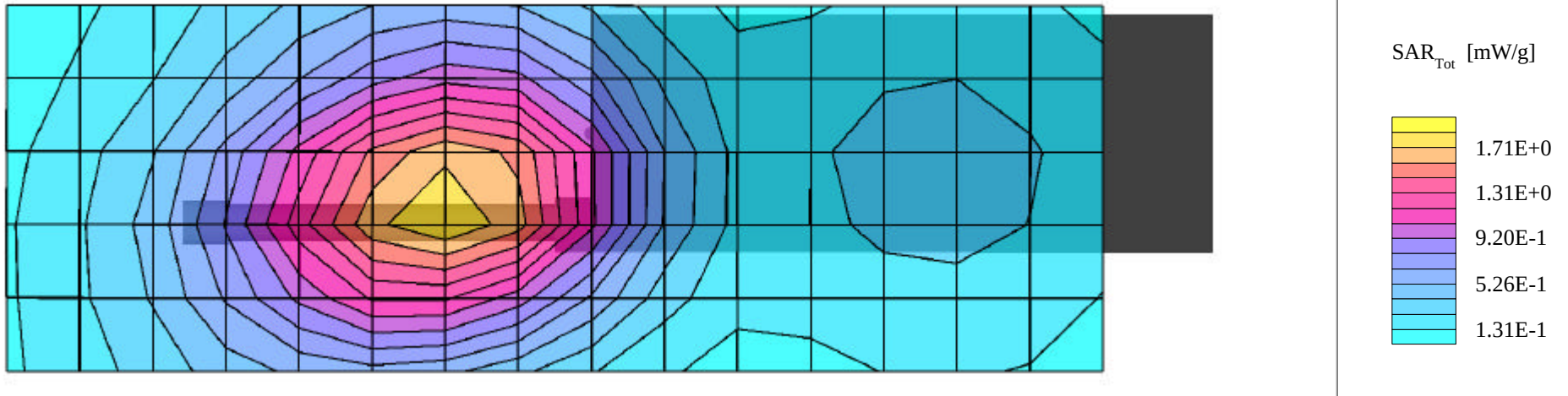
High Band Mid Channel [863.0000 MHz]

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: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 53.0$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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)

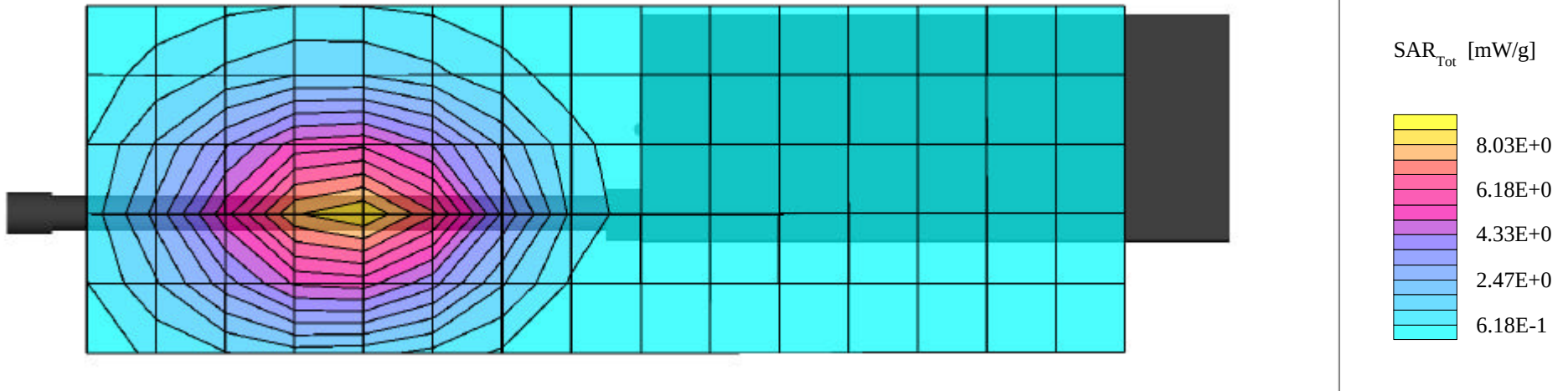
Continuous Wave Mode

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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

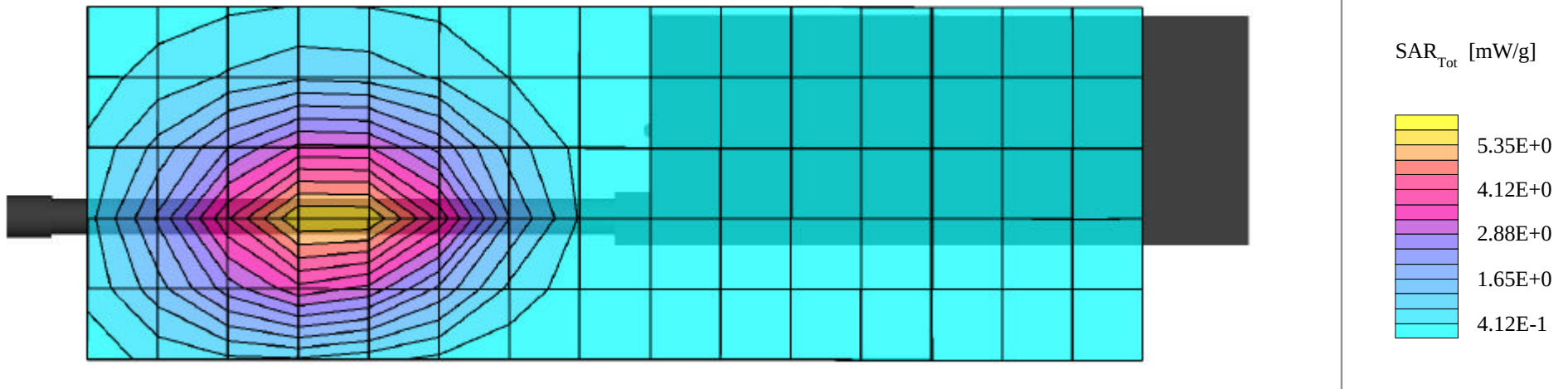
High Band Mid Channel [863.0000 MHz]

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

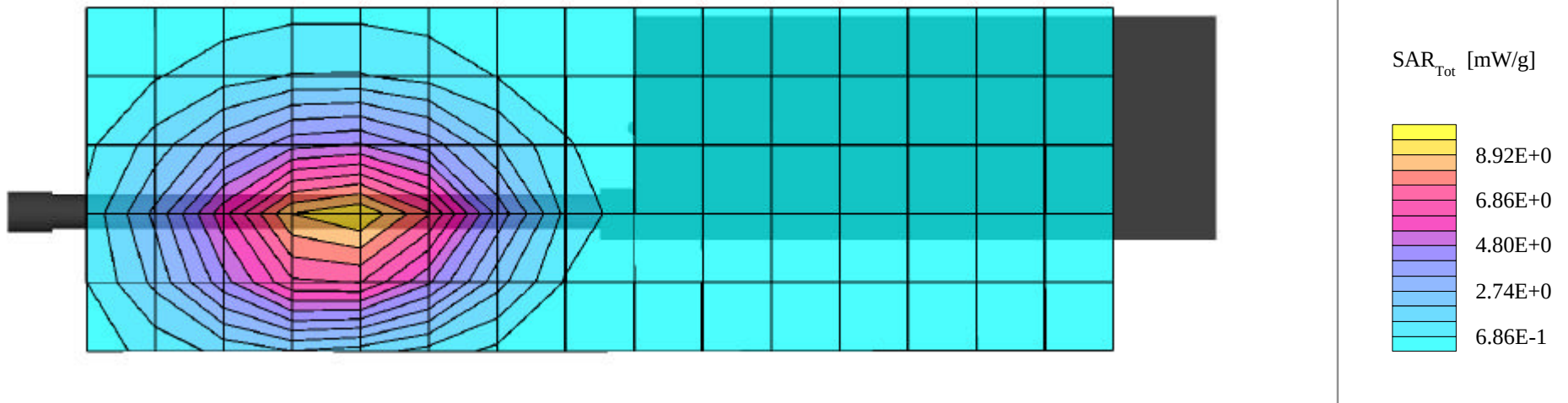


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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

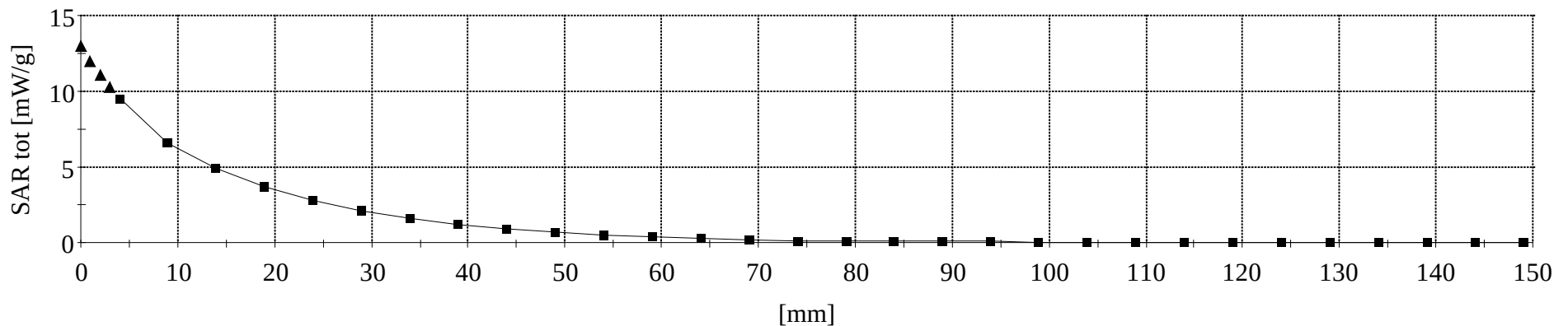


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

Small Planar Phantom; Flat Section
Probe: ET3DV6 - SN1387; ConvF(6.30,6.30,6.30); Crest factor: 1.0
835 MHz Muscle: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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

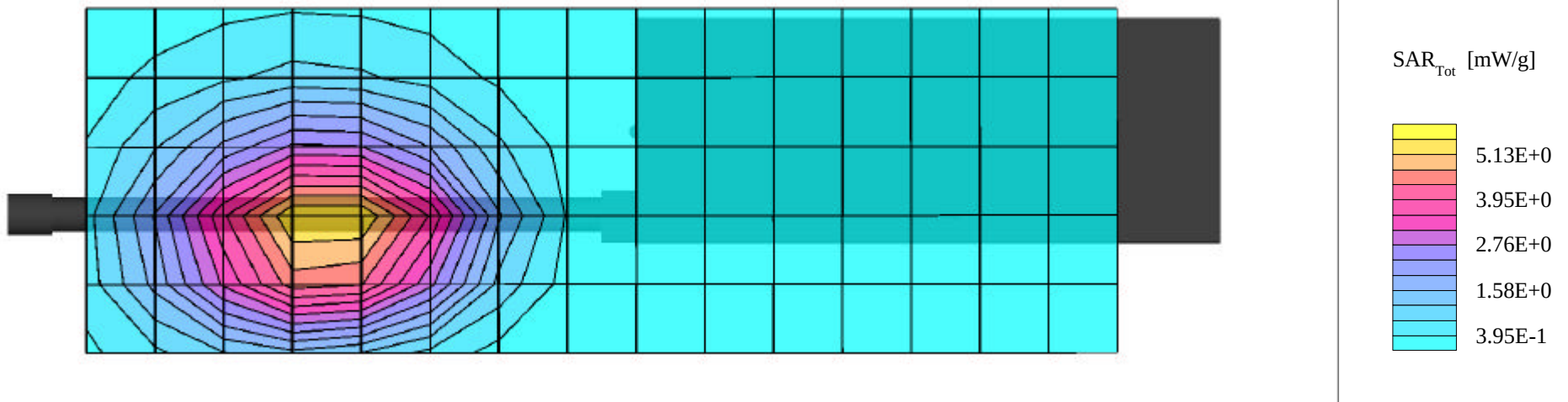


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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

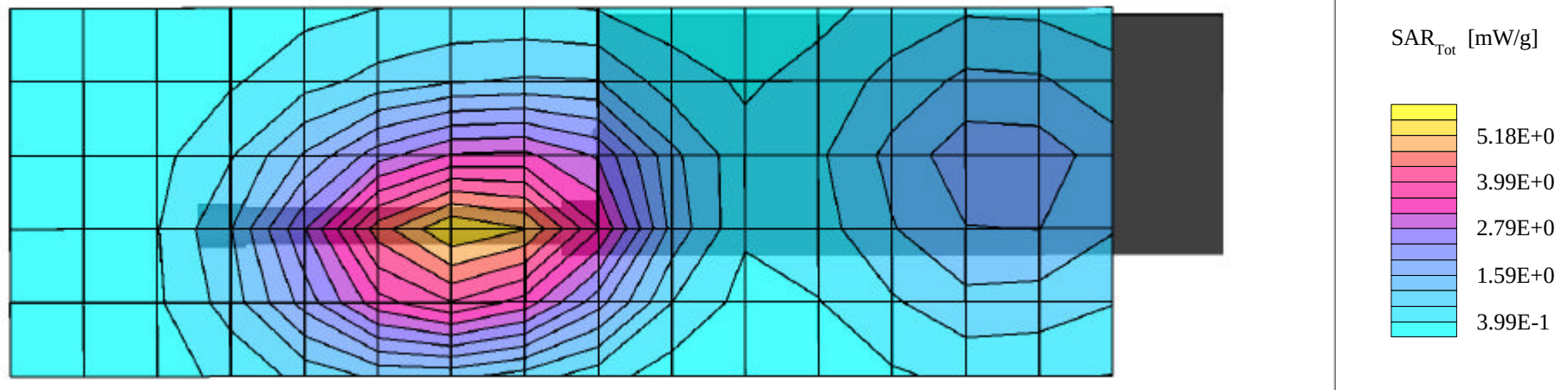


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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

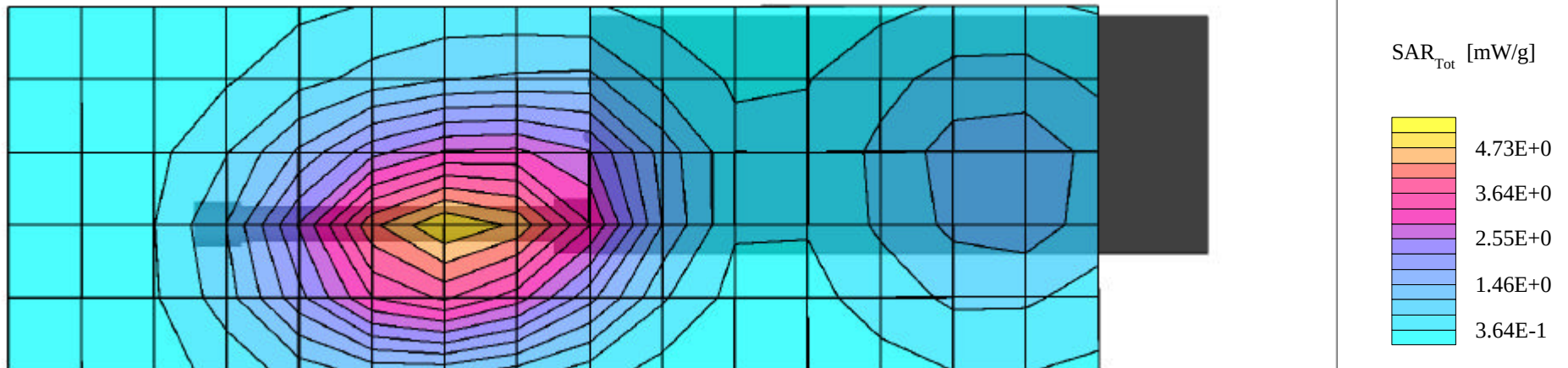


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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

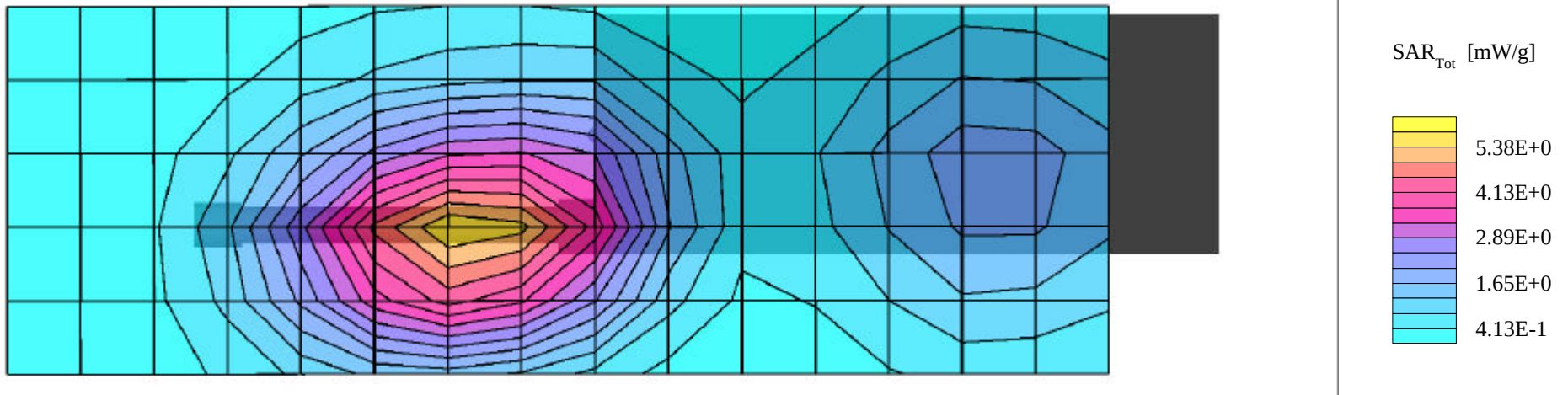


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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

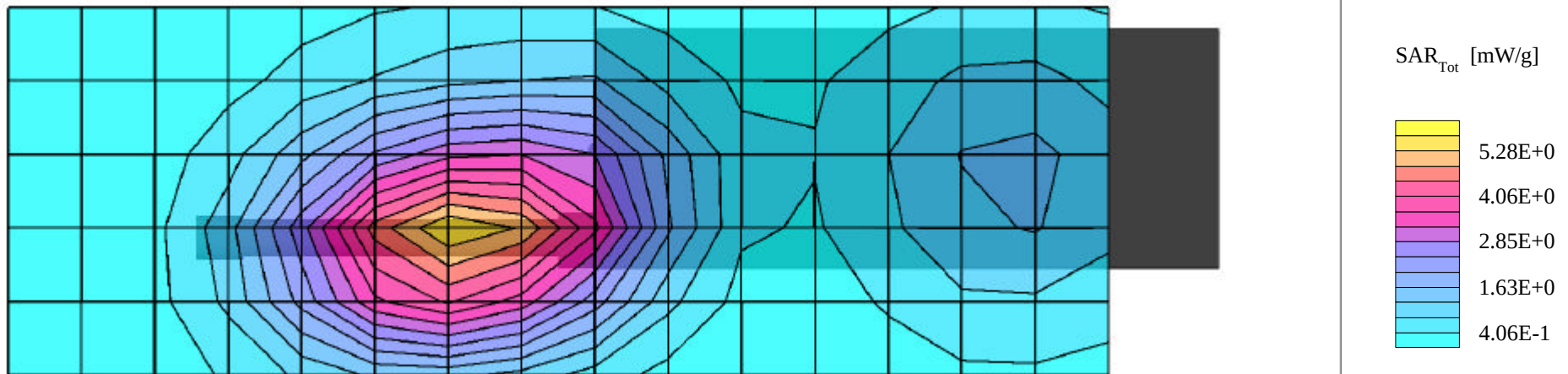


M/A-COM PRS INC. FCC ID: OWDTR-0018-E

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³

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: $\sigma = 0.96$ mho/m $\epsilon_r = 52.7$ $\rho = 1.00$ g/cm³
 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

