

APPENDIX A - SAR MEASUREMENT DATA

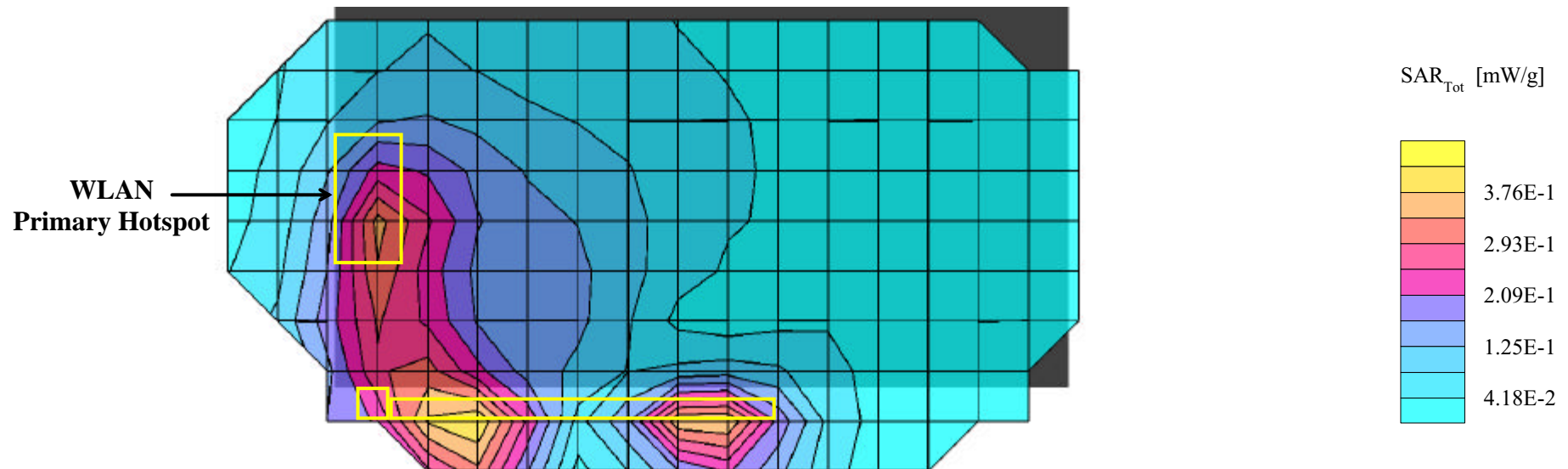
Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.60,4.60,4.60); Crest factor: 1.0
 Muscle 2450 MHz: $\sigma = 1.99$ mho/m $\epsilon_r = 50.1$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: 0.06 dB
 SAR (1g): 0.276 mW/g, SAR (10g): 0.161 mW/g

Back of LCD Display (Display Closed) - GPRS Dipole Antenna Parallel to Planar Phantom (Stowed Position)
 1.5 cm Separation Distance from Back of LCD Display of Laptop PC to Planar Phantom

Itronix IX260 Rugged Laptop PC
 Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna
 tri-located with Sierra Wireless AirCard 750 PCS GPRS Modem Card
 and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna
 Mid Channel [2437 MHz]
 CW Mode

Simultaneous Transmit with Bluetooth Module and PCS GPRS Modem Card
 Peak Conducted Power: 21.2 dBm
 Ambient Temp: 23.4°C; Fluid Temp: 24.0°C
 Date Tested: August 7, 2003



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SAM Phantom; Flat Section

Probe: ET3DV6 - SN1387; ConvF(4.60,4.60,4.60); Crest factor: 1.0

Muscle 2450 MHz: $\sigma = 1.99$ mho/m $\epsilon_r = 50.1$ $\rho = 1.00$ g/cm³

Z-Axis Extrapolation at Peak SAR Location

Back of LCD Display (Display Closed) - GPRS Dipole Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Back of LCD Display of Laptop PC to Planar Phantom

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Mid Channel [2437 MHz]

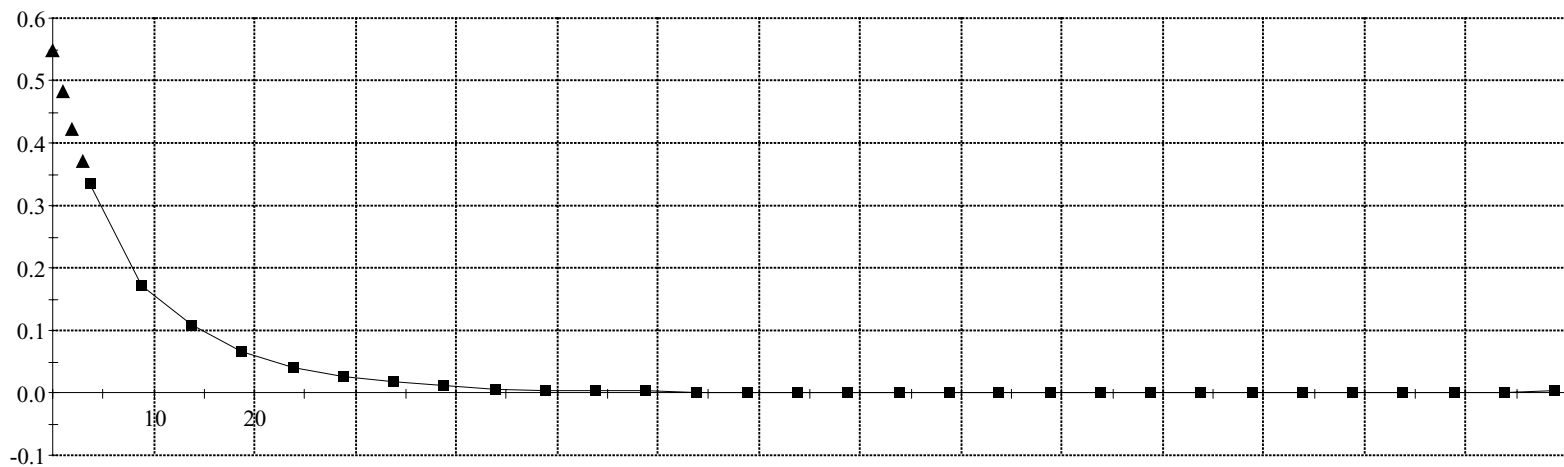
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Muscle 2450 MHz: $\sigma = 1.99$ mho/m $\epsilon_r = 50.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Cube 5x5x7; Powerdrift: -0.16 dB

SAR (1g): 0.121 mW/g, SAR (10g): 0.0750 mW/g

Bottom of Laptop PC - GPRS Dipole Antenna Perpendicular to Planar Phantom (Extended Position)

0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom

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Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna
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Mid Channel [2437 MHz]

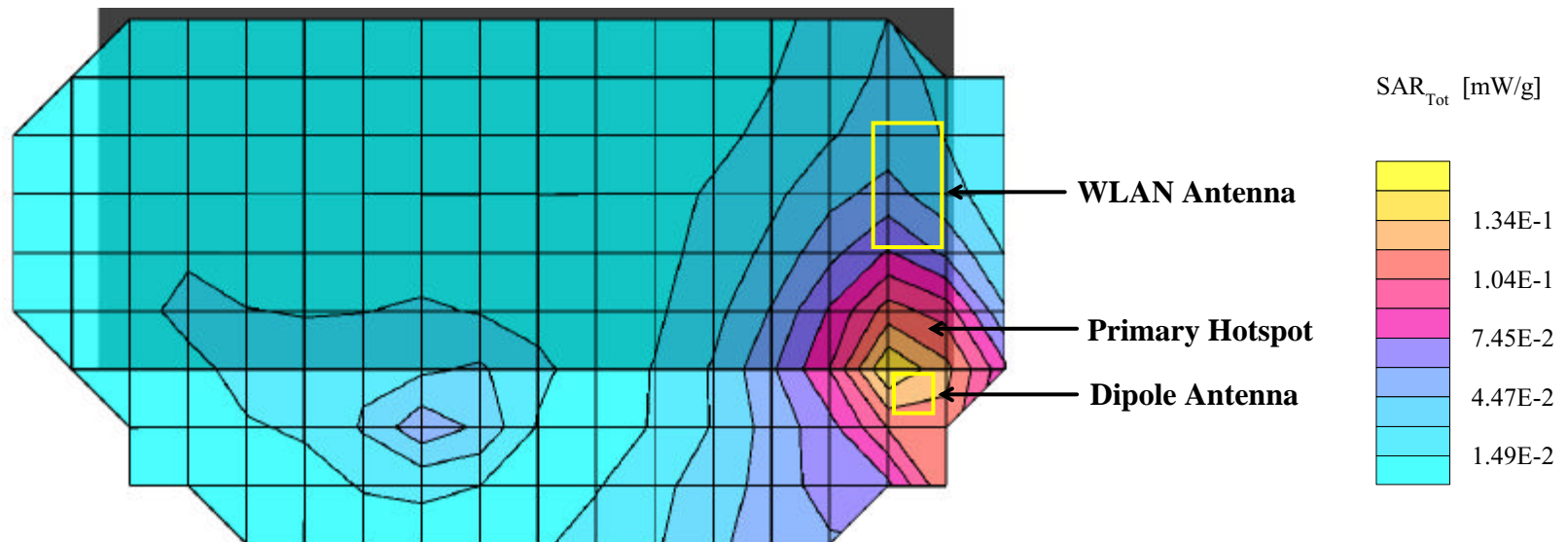
CW Mode

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Ambient Temp: 23.4°C; Fluid Temp: 24.0°C

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Muscle 2450 MHz: $\sigma = 1.99$ mho/m $\epsilon_r = 50.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Cube 5x5x7; Powerdrift: -0.17 dB

SAR (1g): 0.167 mW/g, SAR (10g): 0.0697 mW/g

Back of LCD Display (Display Closed) - GPRS Dipole Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Back of LCD Display of Laptop PC to Planar Phantom

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Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

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and Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna

Mid Channel [2437 MHz]

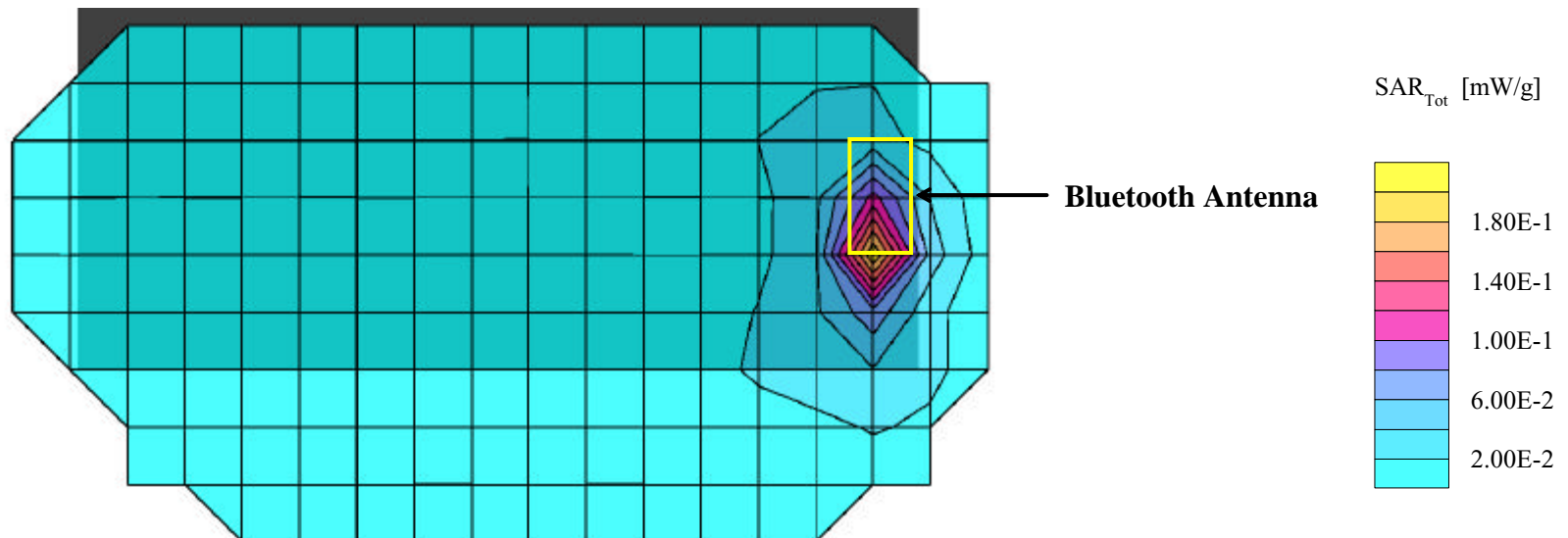
GFSK Mode

Simultaneous Transmit with DSSS WLAN Card and PCS GPRS Modem Card

Peak Conducted Power: 14.5 dBm

Ambient Temp: 23.4°C; Fluid Temp: 24.0°C

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Probe: ET3DV6 - SN1387; ConvF(4.60,4.60,4.60); Crest factor: 1.0

Muscle 2450 MHz: $\sigma = 1.99$ mho/m $\epsilon_r = 50.1$ $\rho = 1.00$ g/cm³

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Cube 5x5x7; Powerdrift: -0.04 dB

SAR (1g): 0.0007 mW/g, SAR (10g): 0.0002 mW/g

Bottom of Laptop PC - GPRS Dipole Antenna Perpendicular to Planar Phantom (Extended Position)

0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom

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