

APPENDIX A - SAR MEASUREMENT DATA

Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: 0.21 dB

SAR (1g): 0.233 mW/g, SAR (10g): 0.141 mW/g

Back of LCD Display (Display Closed) - GPRS 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

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

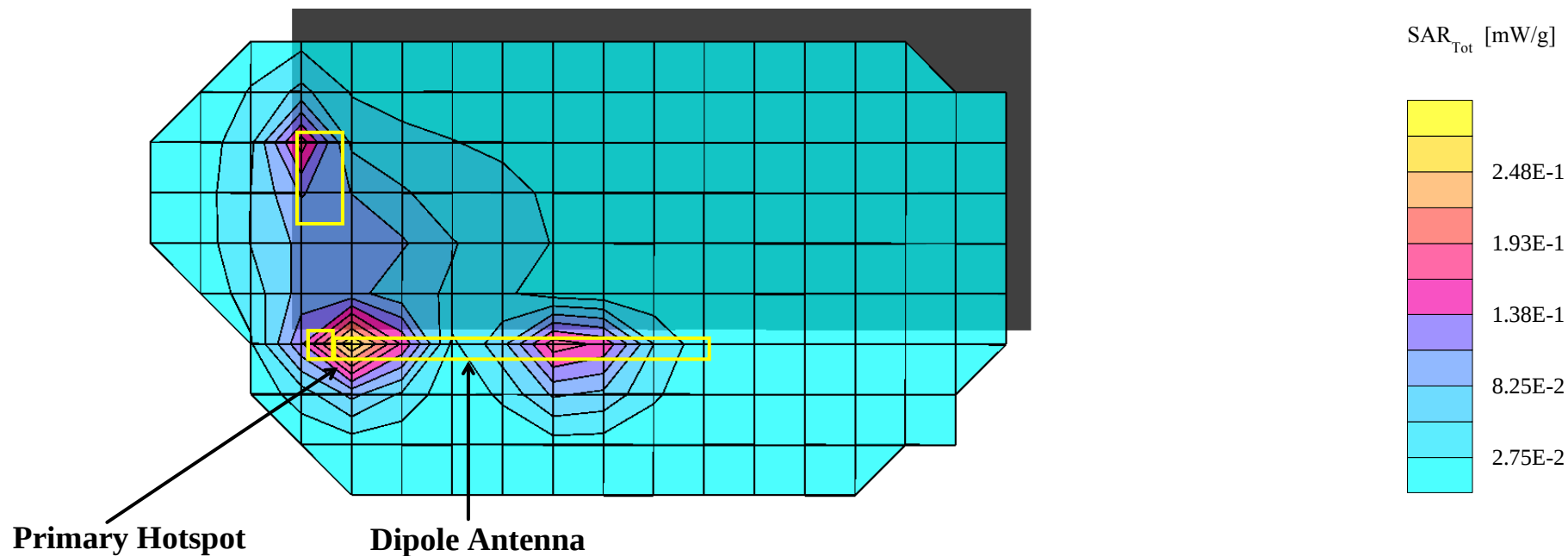
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Primary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: 0.21 dB

SAR (1g): 0.238 mW/g, SAR (10g): 0.145 mW/g

Back of LCD Display (Display Closed) - GPRS 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

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

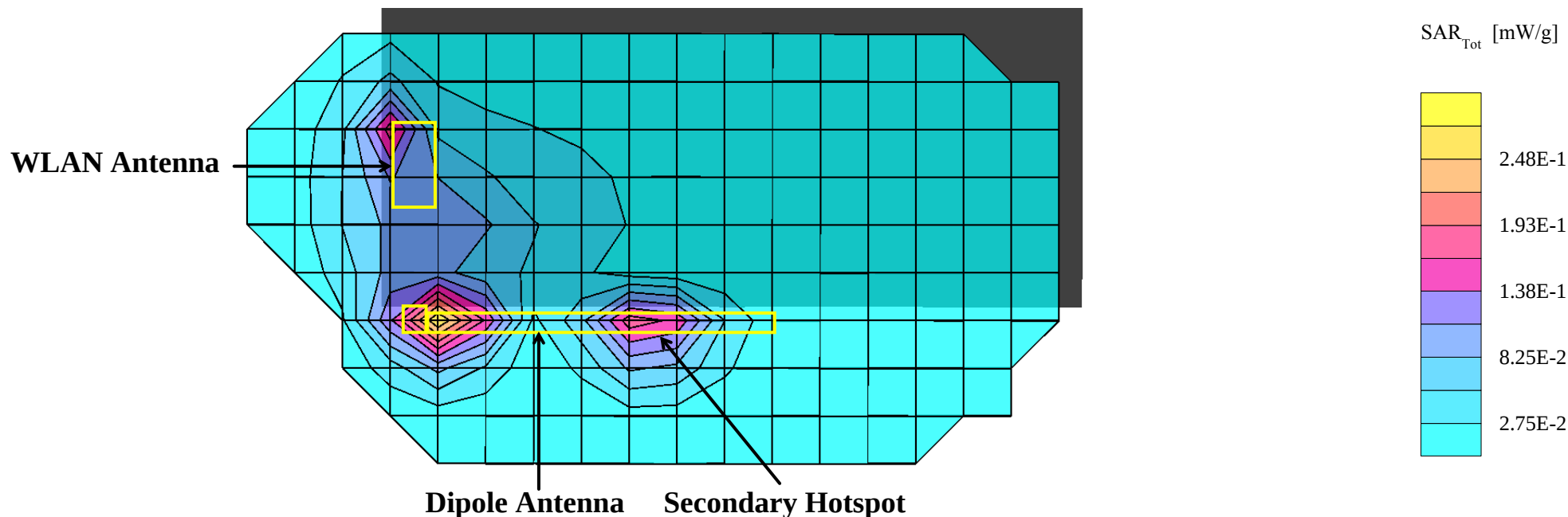
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Secondary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

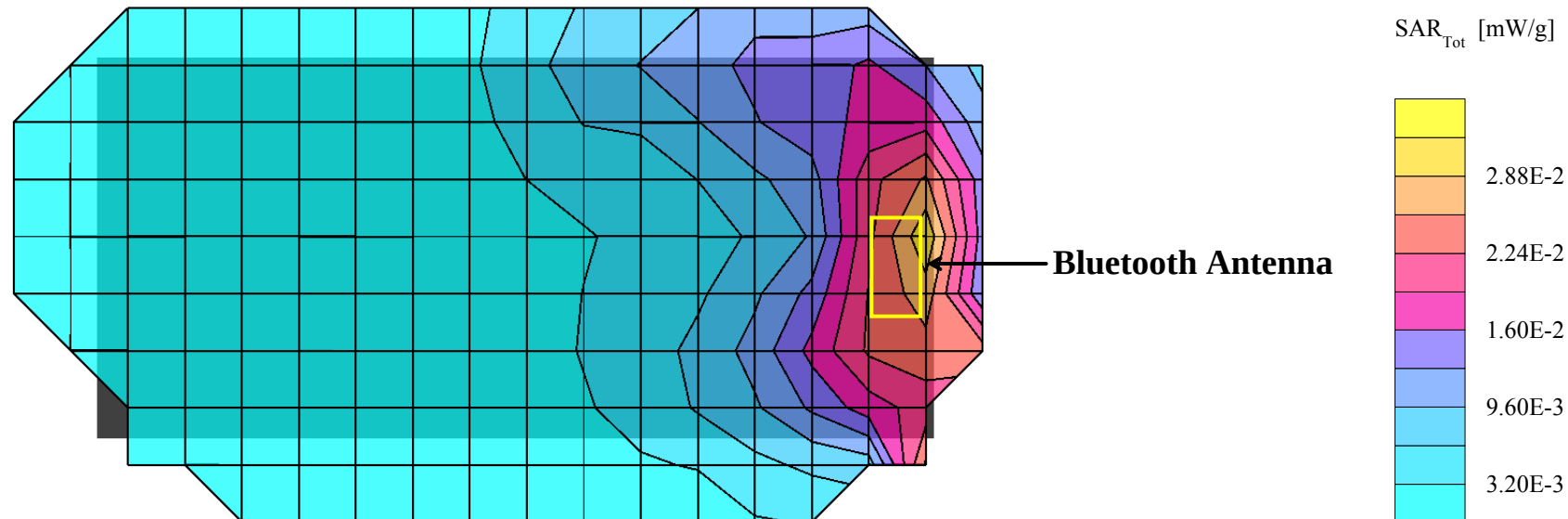
SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0
 Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Back of LCD Display (Display Closed) - GPRS 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
 Sierra Wireless AirCard 750 PCS GPRS Modem Card
 tri-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna
 and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna
 Mid Channel [1880.00 MHz]
 PCS GPRS Mode

Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter
 Peak Conducted Power: 28.1 dBm
 Ambient Temp: 25.5°C; Fluid Temp: 23.9°C
 Date Tested: August 5, 2003

Coarse Scan to Show Second Half of LCD Display (Back Side)



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: -0.16 dB

SAR (1g): 0.180 mW/g, SAR (10g): 0.0988 mW/g

Back of LCD Display (Display Closed) - GPRS Antenna Perpendicular to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

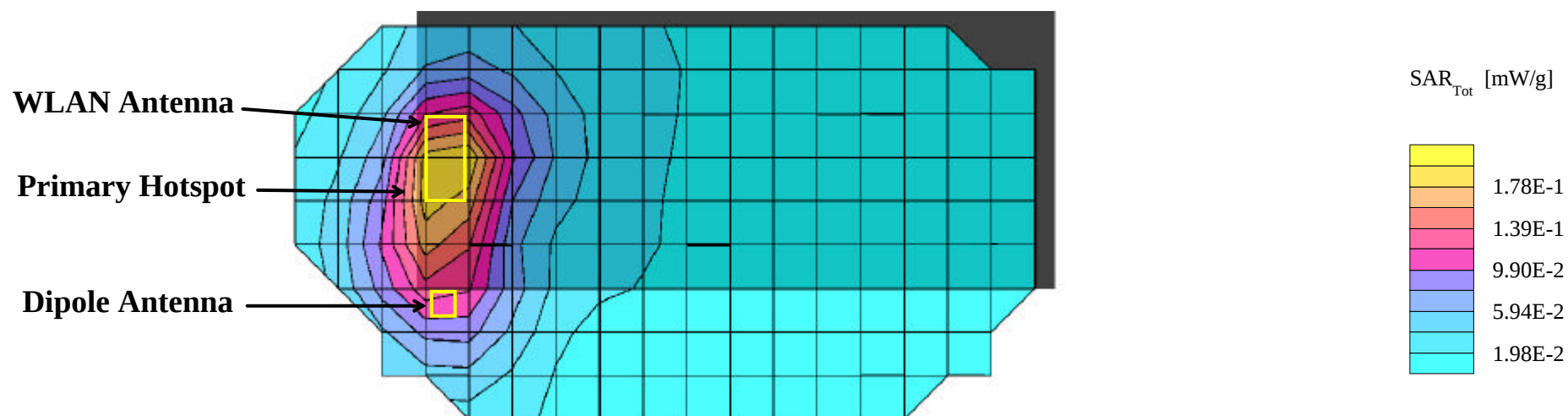
PCS GPRS Mode

Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

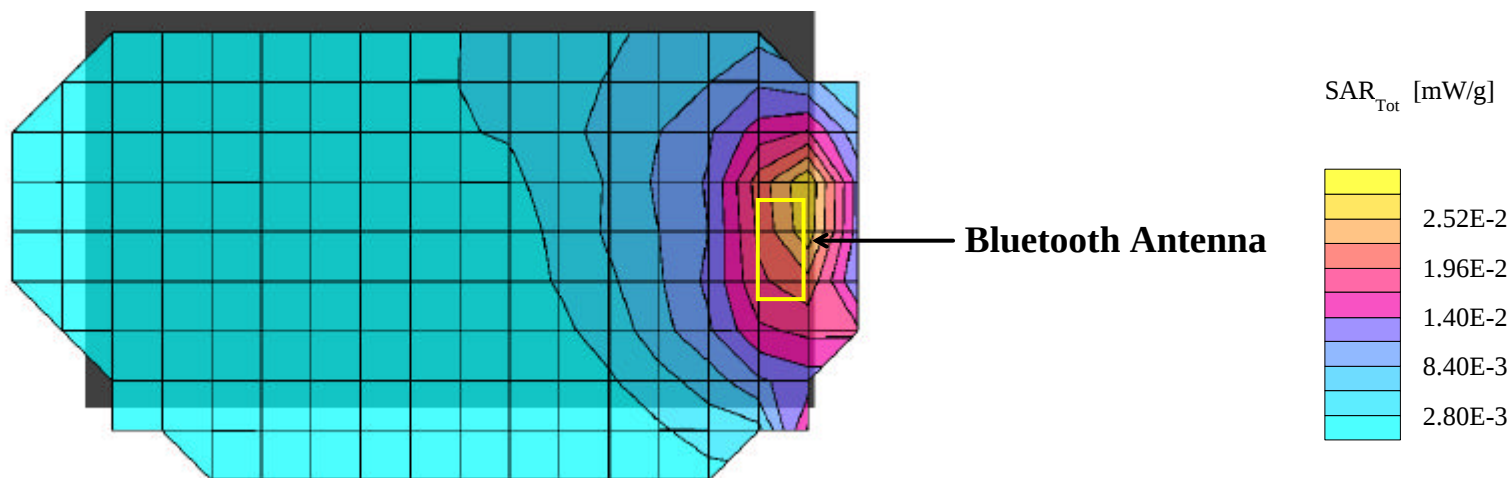


Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0
 Muscle 1900 MHz: $\sigma = 1.57 \text{ mho/m}$ $\epsilon_r = 50.6$ $\rho = 1.00 \text{ g/cm}^3$
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Back of LCD Display (Display Closed) - GPRS Antenna Perpendicular to Planar Phantom (Extended Position)
 1.5 cm Separation Distance from Back of LCD Display of Laptop PC to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 Sierra Wireless AirCard 750 PCS GPRS Modem Card
 tri-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna
 and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna
 Mid Channel [1880.00 MHz]
 PCS GPRS Mode
 Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter
 Peak Conducted Power: 28.1 dBm
 Ambient Temp: 25.5°C; Fluid Temp: 23.9°C
 Date Tested: August 5, 2003

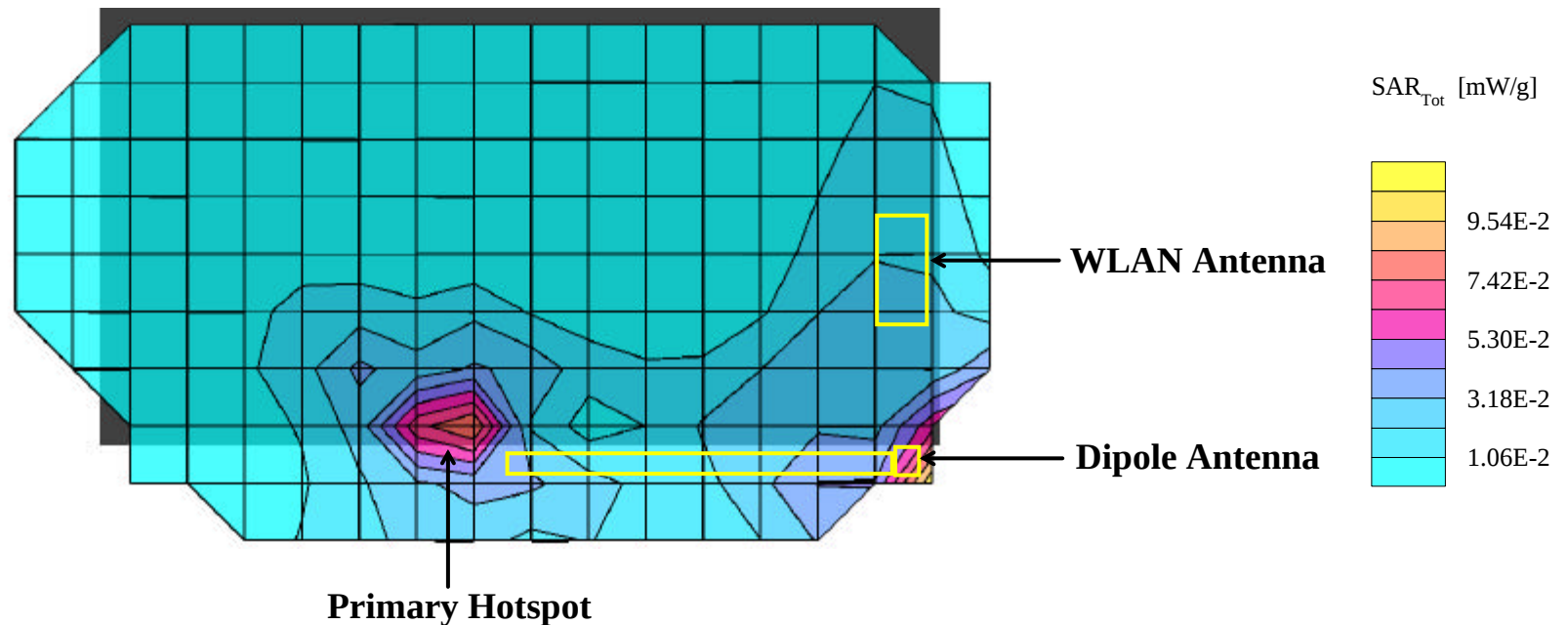
Course Scan to Show Left Side of LCD Display (Back Side)



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0
 Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: -0.02 dB
 SAR (1g): 0.0795 mW/g, SAR (10g): 0.0410 mW/g

Bottom of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)
 0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 Sierra Wireless AirCard 750 PCS GPRS Modem Card
 tri-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna
 and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna
 Mid Channel [1880.00 MHz]
 PCS GPRS Mode
 Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter
 Peak Conducted Power: 28.1 dBm
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SAM Phantom; Flat Section; Position: (0°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Bottom of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

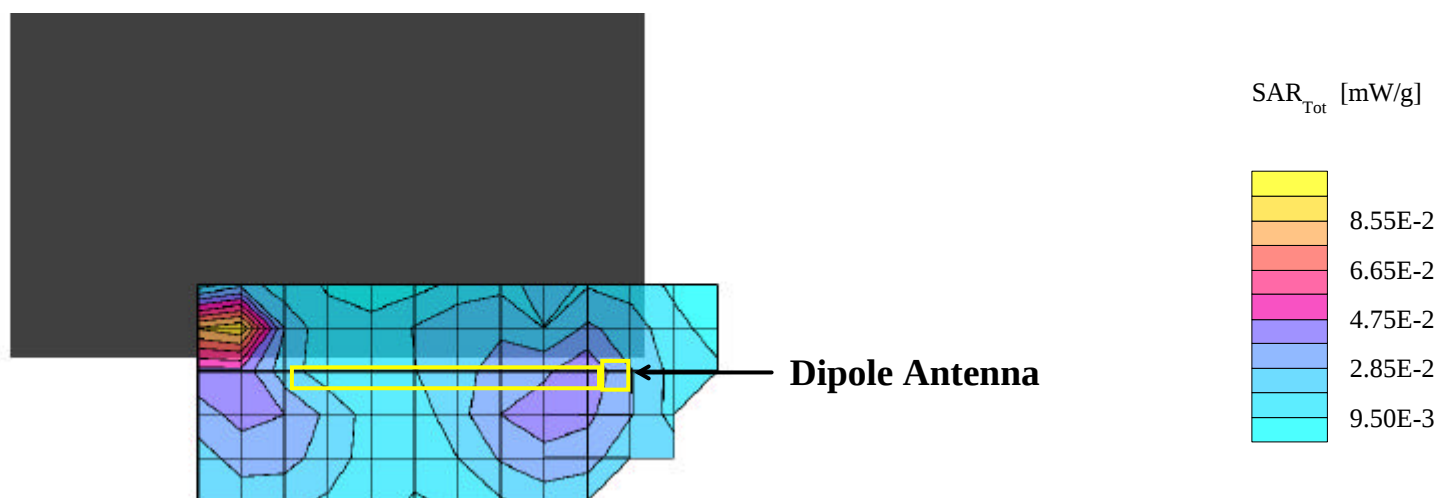
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Second Scan to Show Relative Field Strength of Hotspots (Bottom Side)



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Bottom of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

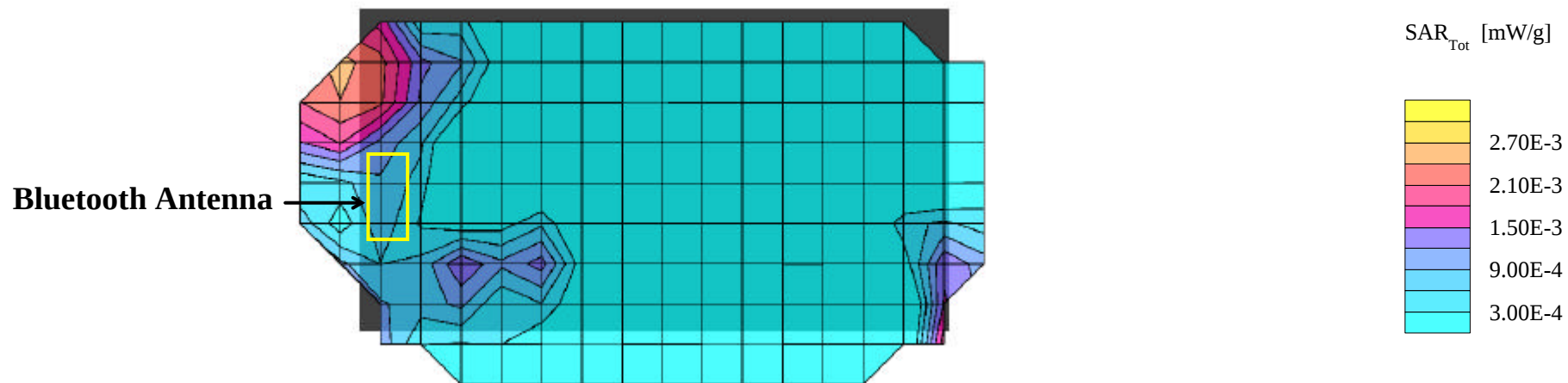
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

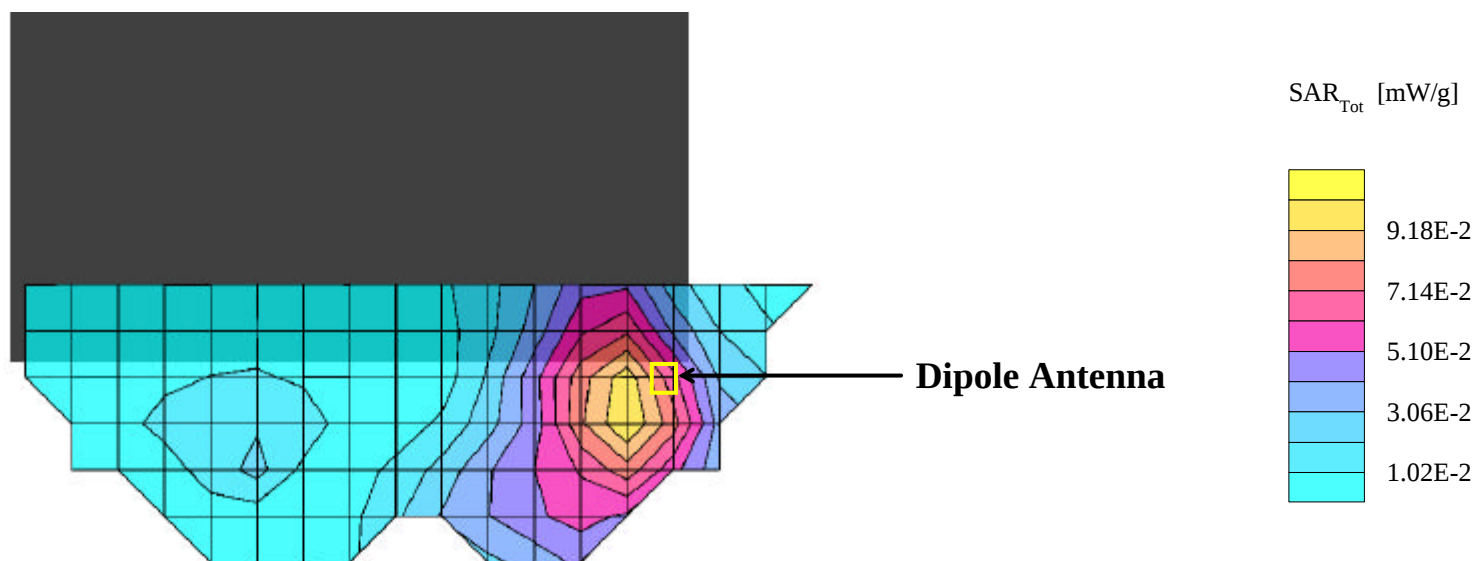
Course Scan to Show Left Half of Laptop PC (Bottom Side)



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0
 Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: 0.14 dB
 SAR (1g): 0.0832 mW/g, SAR (10g): 0.0534 mW/g

Bottom of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Extended Position)
 0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 Sierra Wireless AirCard 750 PCS GPRS Modem Card
 tri-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card with Internal Antenna
 and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna
 Mid Channel [1880.00 MHz]
 PCS GPRS Mode
 Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter
 Peak Conducted Power: 28.1 dBm
 Ambient Temp: 25.5°C; Fluid Temp: 23.9°C
 Date Tested: August 5, 2003

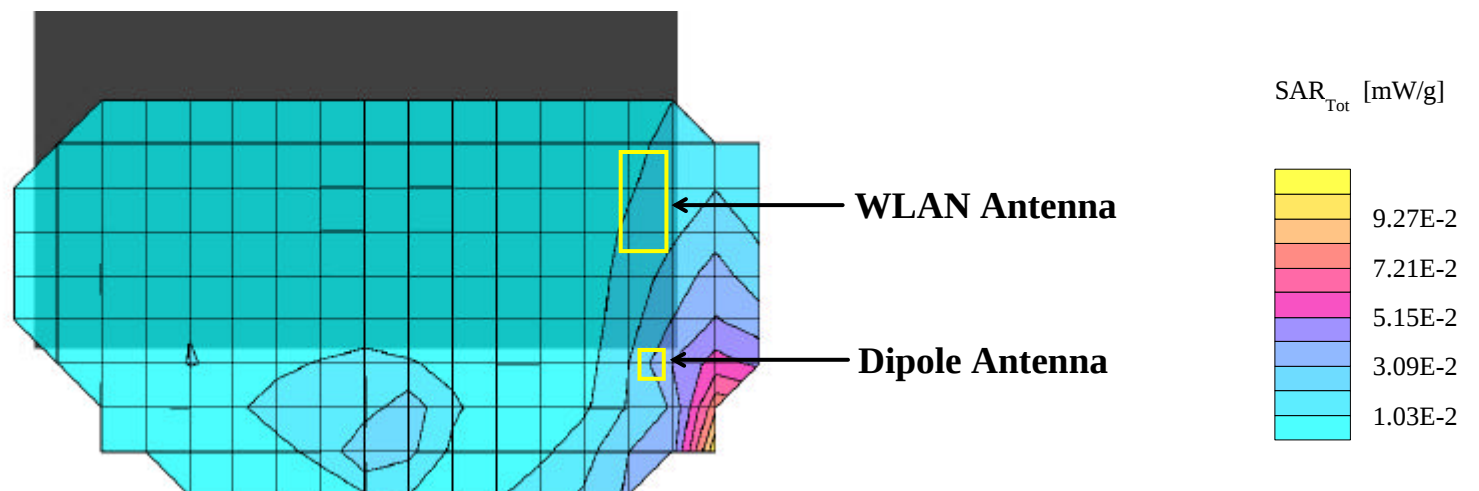


Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0
 Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Bottom of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Extended Position)
 0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 Sierra Wireless AirCard 750 PCS GPRS Modem Card
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 Mid Channel [1880.00 MHz]
 PCS GPRS Mode
 Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter
 Peak Conducted Power: 28.1 dBm
 Ambient Temp: 25.5°C; Fluid Temp: 23.9°C
 Date Tested: August 5, 2003

Second Scan to Show RF Field on Laptop PC



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (0°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Bottom of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

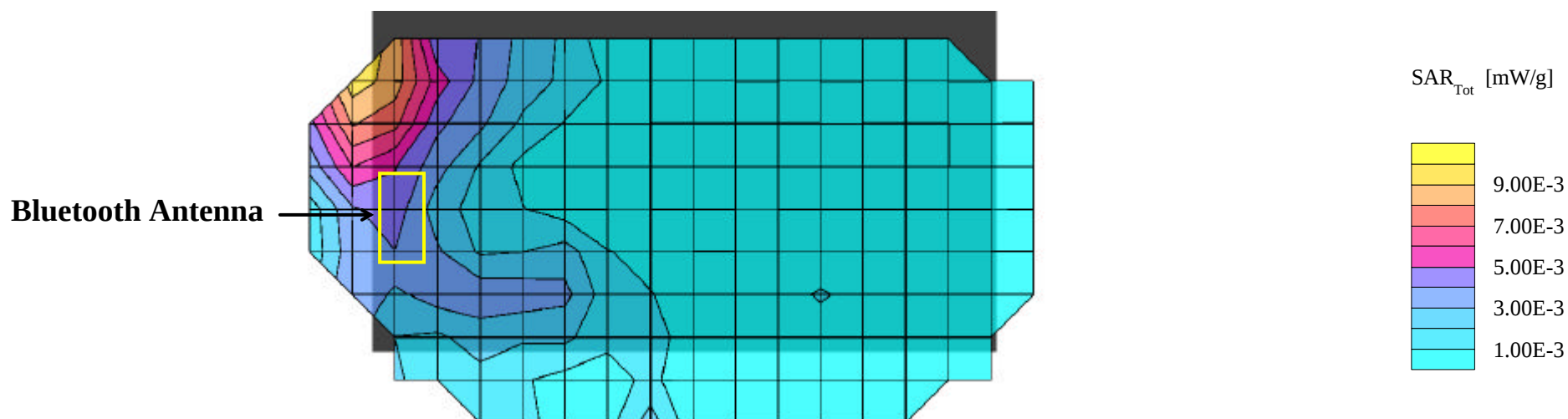
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Coarse Scan to Show Left Half of Laptop PC (Bottom Side)



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: 0.04 dB

SAR (1g): 0.925 mW/g, SAR (10g): 0.525 mW/g

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

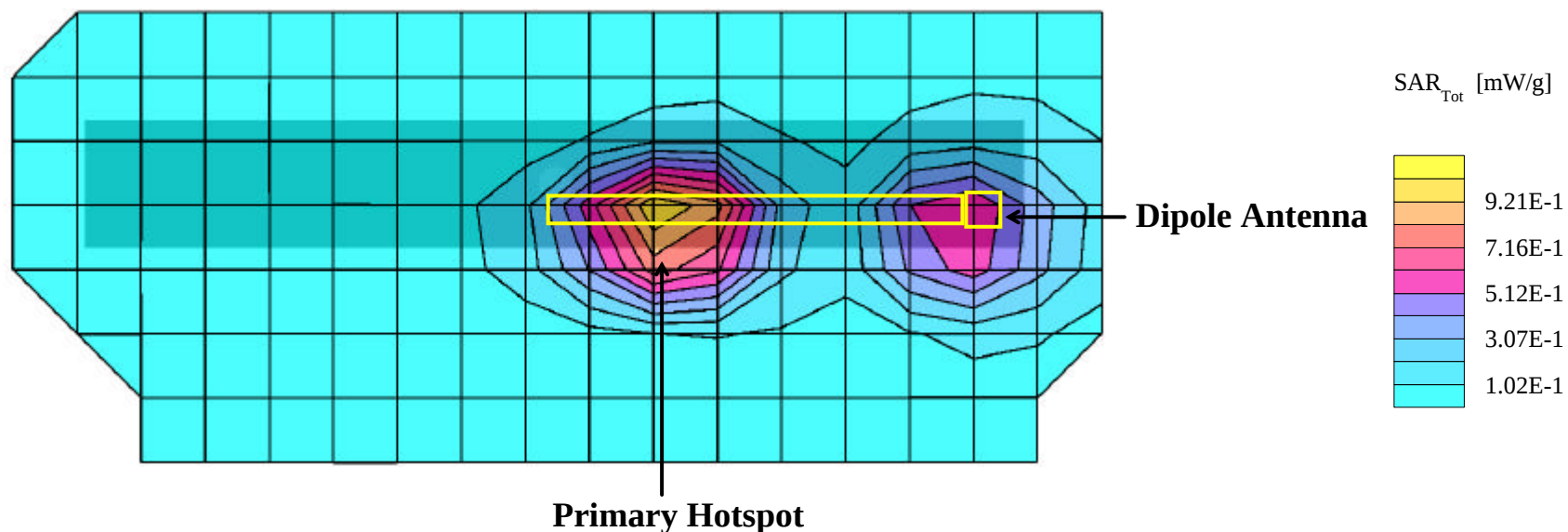
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Primary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

Z-Axis Extrapolation at Peak SAR Location

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

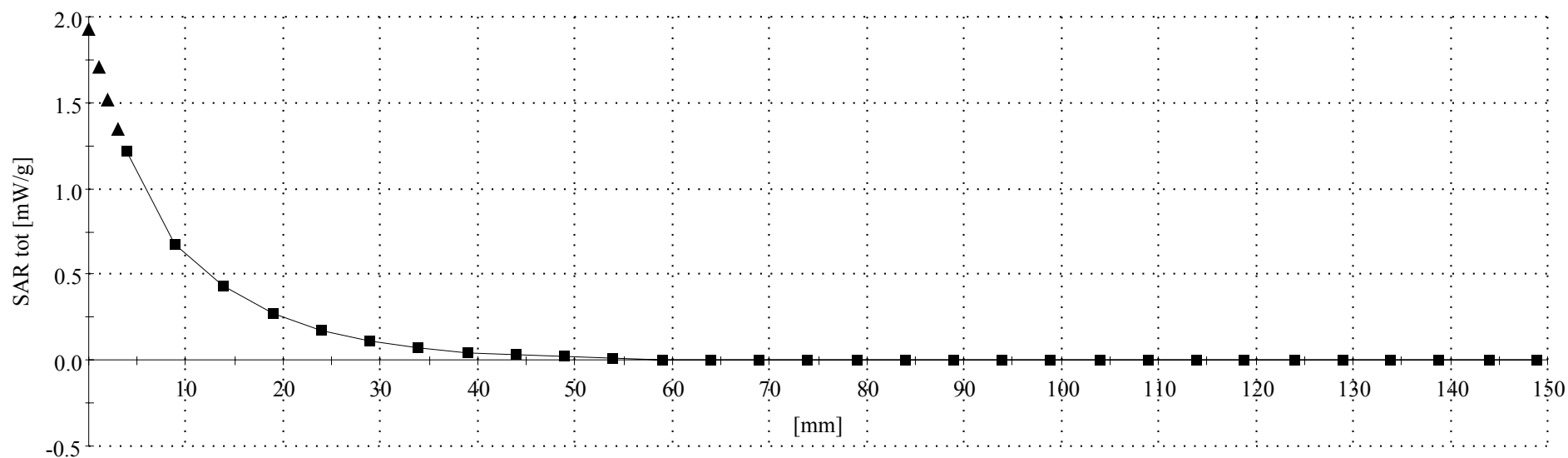
PCS GPRS Mode

Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: 0.04 dB

SAR (1g): 0.607 mW/g, SAR (10g): 0.347 mW/g

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

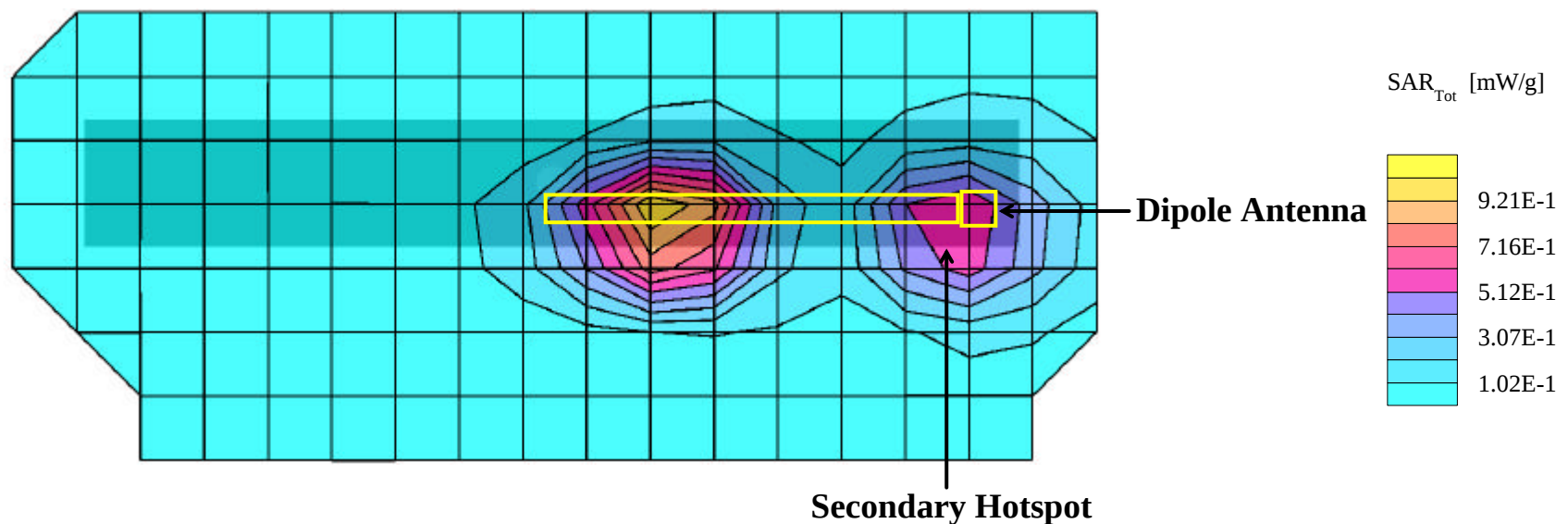
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Secondary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: 0.04 dB

SAR (1g): 0.451 mW/g, SAR (10g): 0.271 mW/g

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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Mid Channel [1880.00 MHz]

PCS GPRS Mode

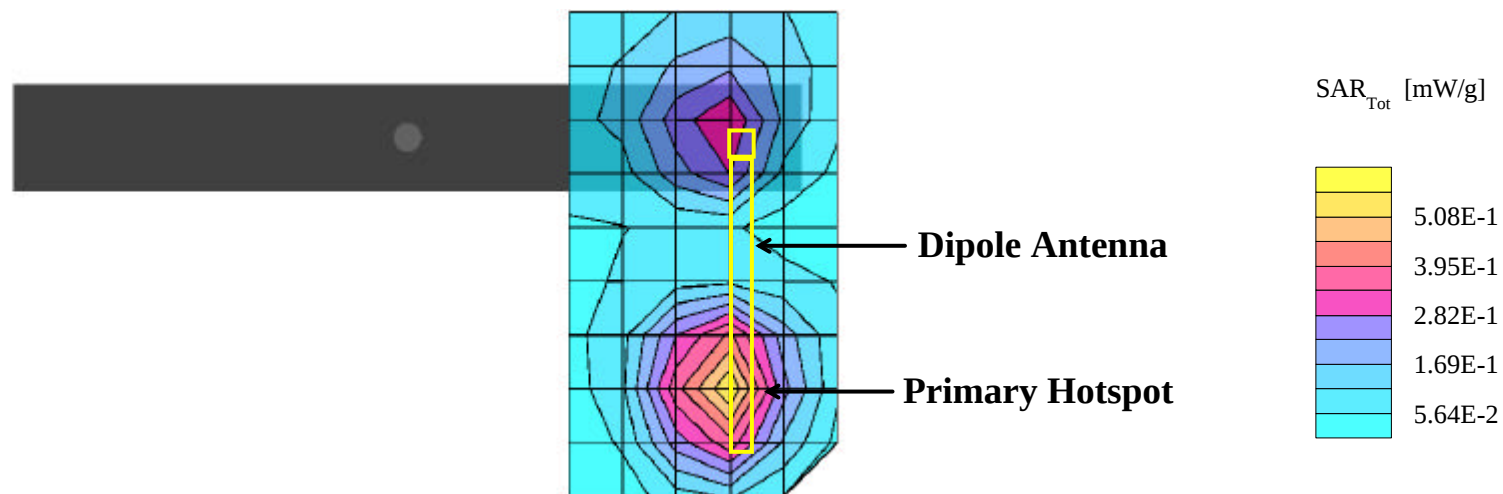
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Primary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: 0.04 dB

SAR (1g): 0.284 mW/g, SAR (10g): 0.169 mW/g

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Mid Channel [1880.00 MHz]

PCS GPRS Mode

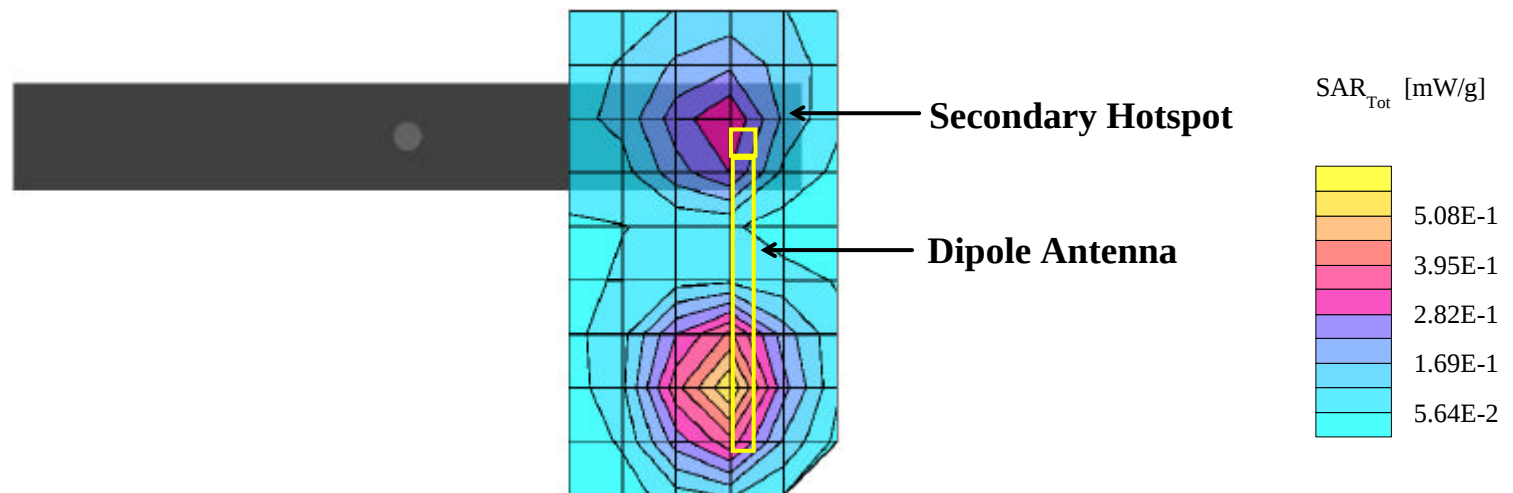
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Secondary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

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Mid Channel [1880.00 MHz]

PCS GPRS Mode

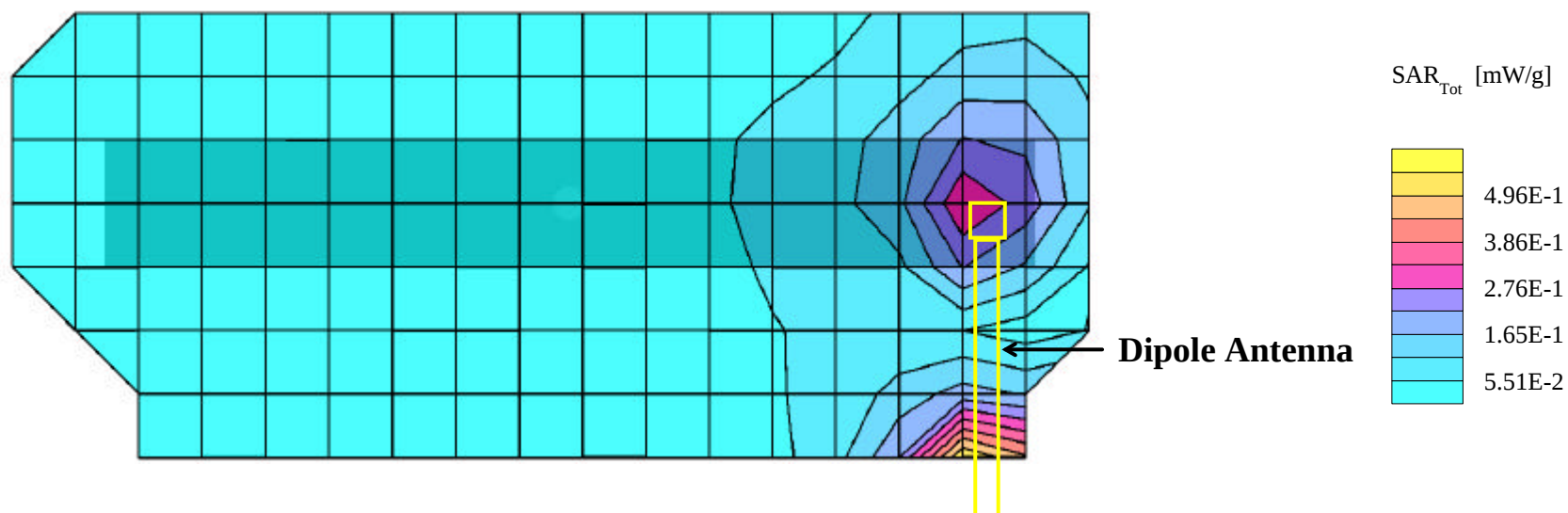
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Second Scan to Show Right Side of Laptop PC



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: -0.18 dB

SAR (1g): 0.903 mW/g, SAR (10g): 0.520 mW/g

Right Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Side of Antenna to Planar Phantom

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Low Channel [1850.20 MHz]

PCS GPRS Mode

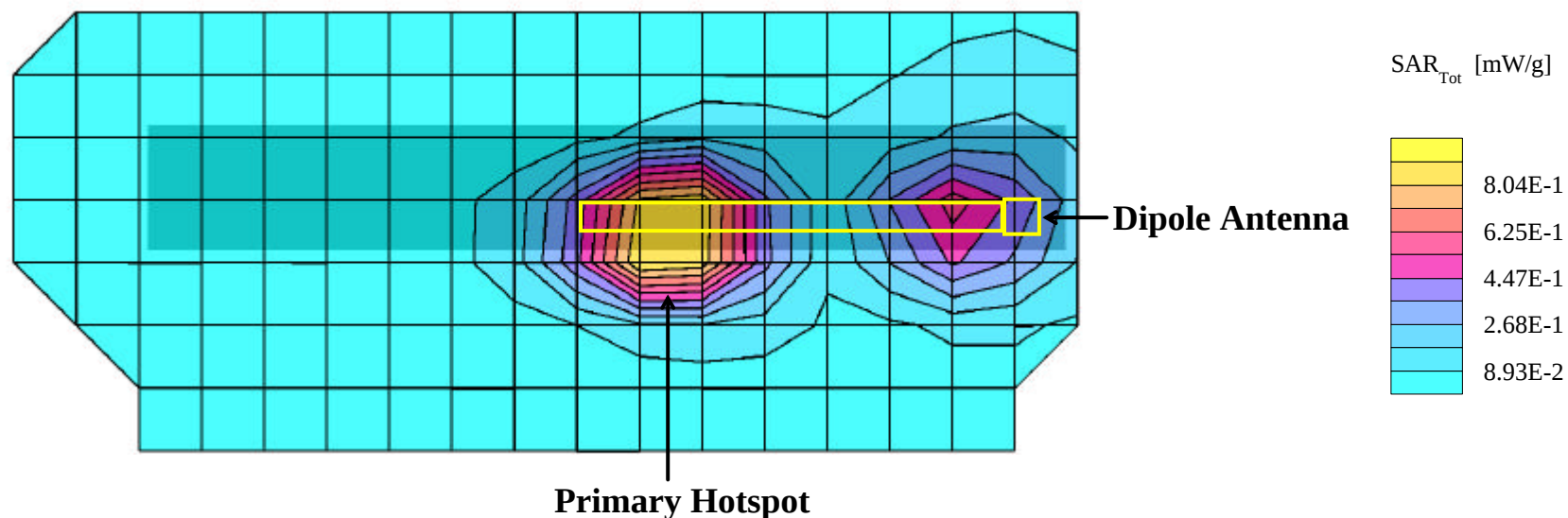
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Primary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: -0.18 dB

SAR (1g): 0.503 mW/g, SAR (10g): 0.292 mW/g

Right Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Side of Antenna to Planar Phantom

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

Low Channel [1850.20 MHz]

PCS GPRS Mode

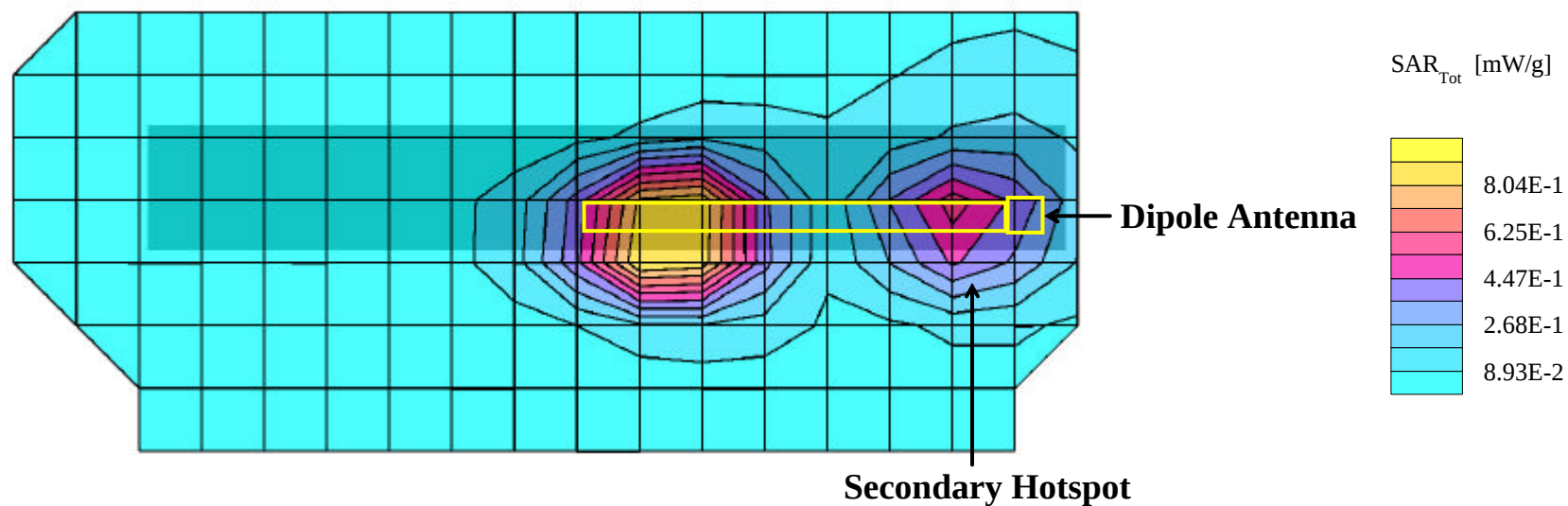
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.1 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Secondary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: -0.10 dB

SAR (1g): 0.773 mW/g, SAR (10g): 0.434 mW/g

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Side of Antenna to Planar Phantom

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

High Channel [1909.80 MHz]

PCS GPRS Mode

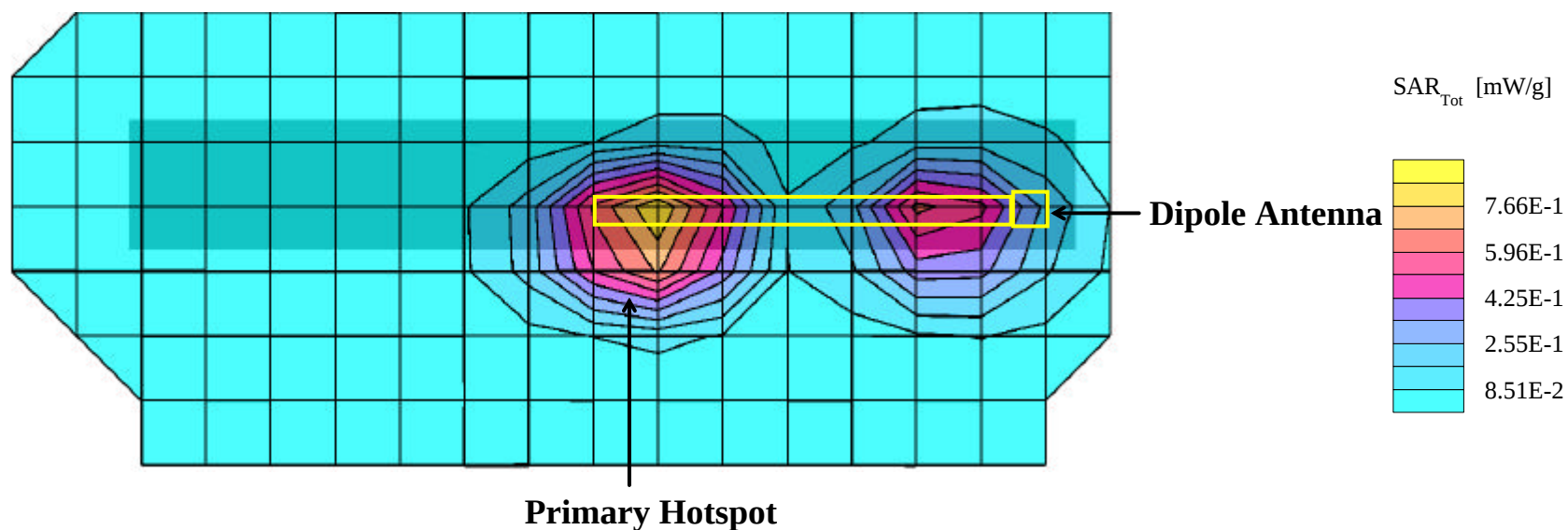
Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.0 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Primary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260A750MPIBT

SAM Phantom; Flat Section; Position: (90°,0°)

Probe: ET3DV6 - SN1387; ConvF(4.90,4.90,4.90); Crest factor: 2.0

Muscle 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.6$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7; Powerdrift: -0.10 dB

SAR (1g): 0.527 mW/g, SAR (10g): 0.298 mW/g

Side of Laptop PC (Closed) - GPRS Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Side of Antenna to Planar Phantom

Itronix IX260 Rugged Laptop PC

Sierra Wireless AirCard 750 PCS GPRS Modem Card

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

and Mitsumi WML-C11N Bluetooth Transmitter with Internal Antenna

High Channel [1909.80 MHz]

PCS GPRS Mode

Simultaneous Transmit with DSSS WLAN Card and Bluetooth Transmitter

Peak Conducted Power: 28.0 dBm

Ambient Temp: 25.5°C; Fluid Temp: 23.9°C

Date Tested: August 5, 2003

Secondary Hotspot Evaluation

