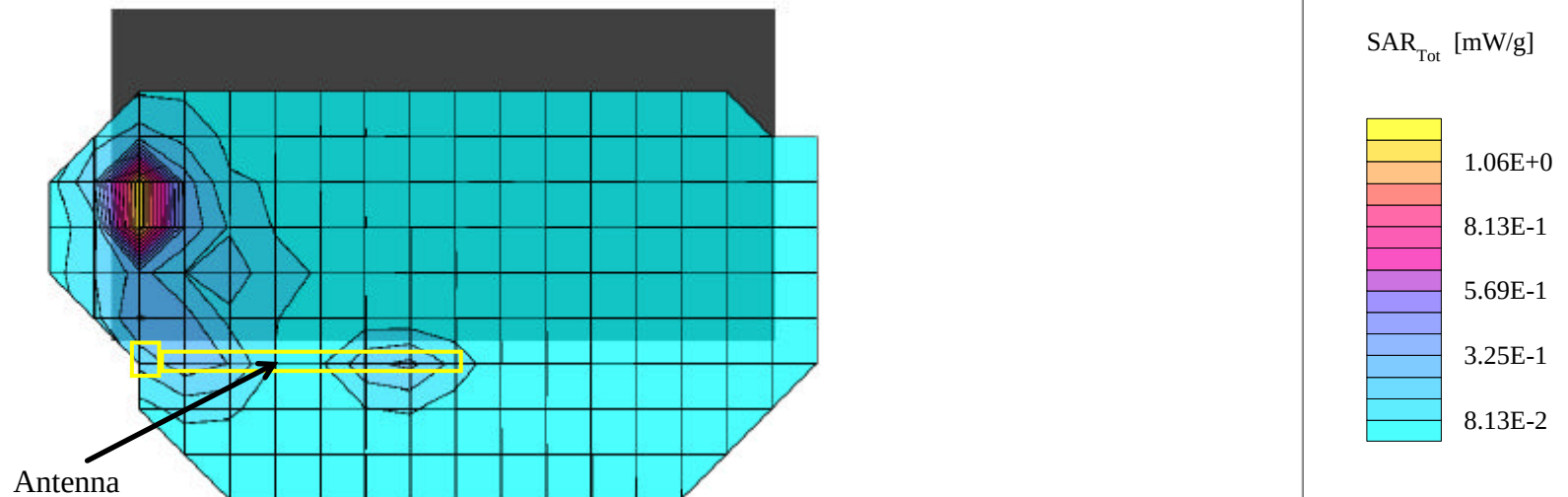


Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 1.15 mW/g, SAR (10g): 0.429 mW/g

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)
 0.0 cm Separation Distance from Back of LCD Display to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 600 [1880.00 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)

0.0 cm Separation Distance from back of LCD Display to Planar Phantom

Itronix IX260 Rugged Laptop PC

with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card

co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card

PCS CDMA Mode

Simultaneous Transmit with co-located DSSS WLAN Card

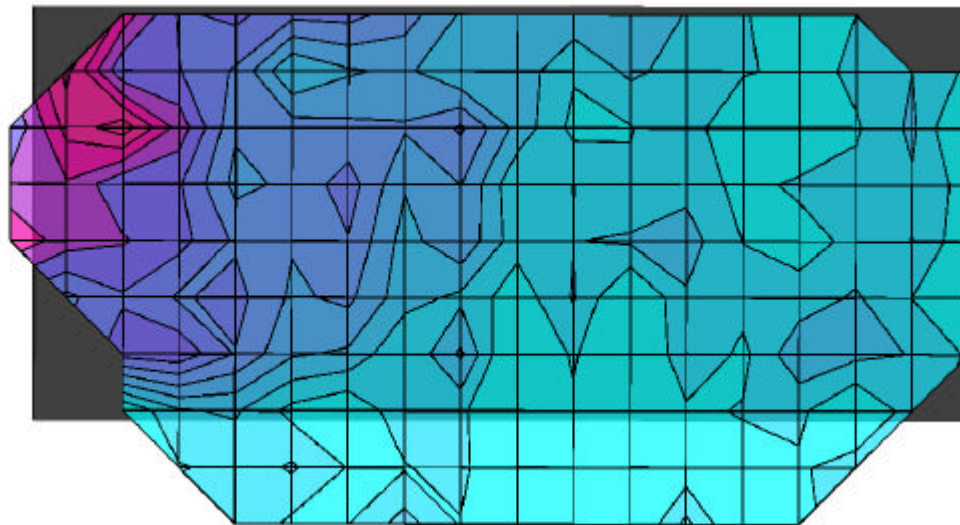
Channel 600 [1880.00 MHz]

Conducted Power: 23.0 dBm

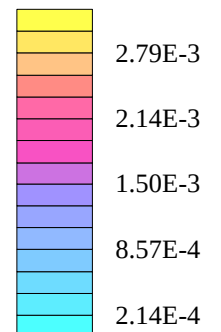
Ambient Temp: 22.2°C; Fluid Temp: 21.4°C

Date Tested: October 31, 2002

Coarse scan to show Left Half of LCD Display (Back Side)



SAR_{Tot} [mW/g]



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section

Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0

1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³

Z-Axis Extrapolation at Peak SAR Location

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)

0.0 cm Separation Distance from Back of LCD Display to Planar Phantom

Itronix IX260 Rugged Laptop PC

with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card

co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card

PCS CDMA Mode

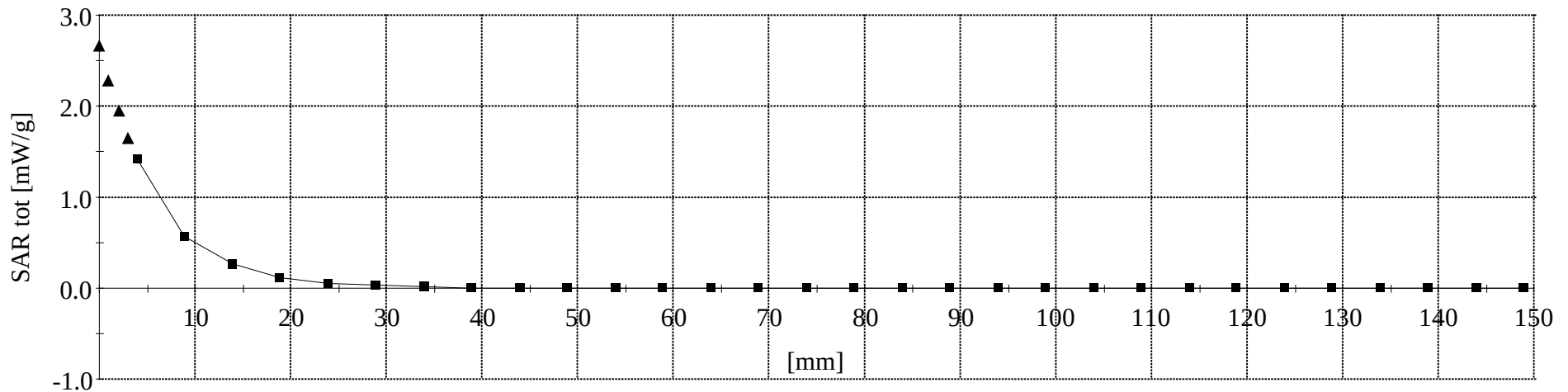
Simultaneous Transmit with co-located DSSS WLAN Card

Channel 600 [1880.00 MHz]

Conducted Power: 23.0 dBm

Ambient Temp: 22.2°C; Fluid Temp: 21.4°C

Date Tested: October 31, 2002

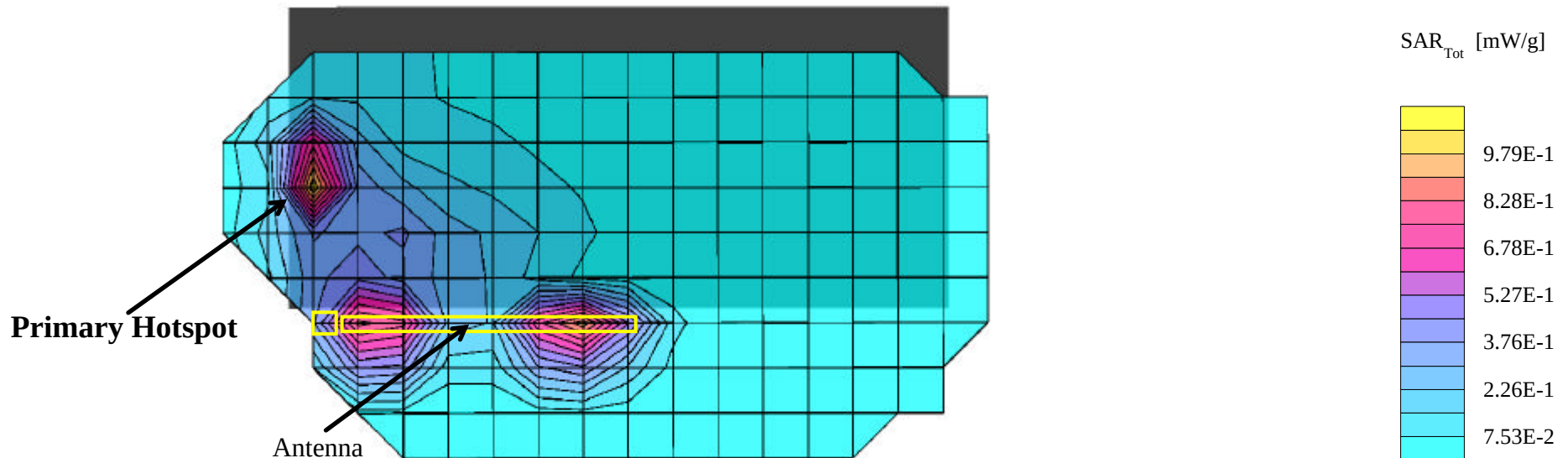


Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.899 mW/g, SAR (10g): 0.358 mW/g

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)
 0.0 cm Separation Distance from Back of LCD Display to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 25 [1851.25 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

Primary Hotspot Evaluation

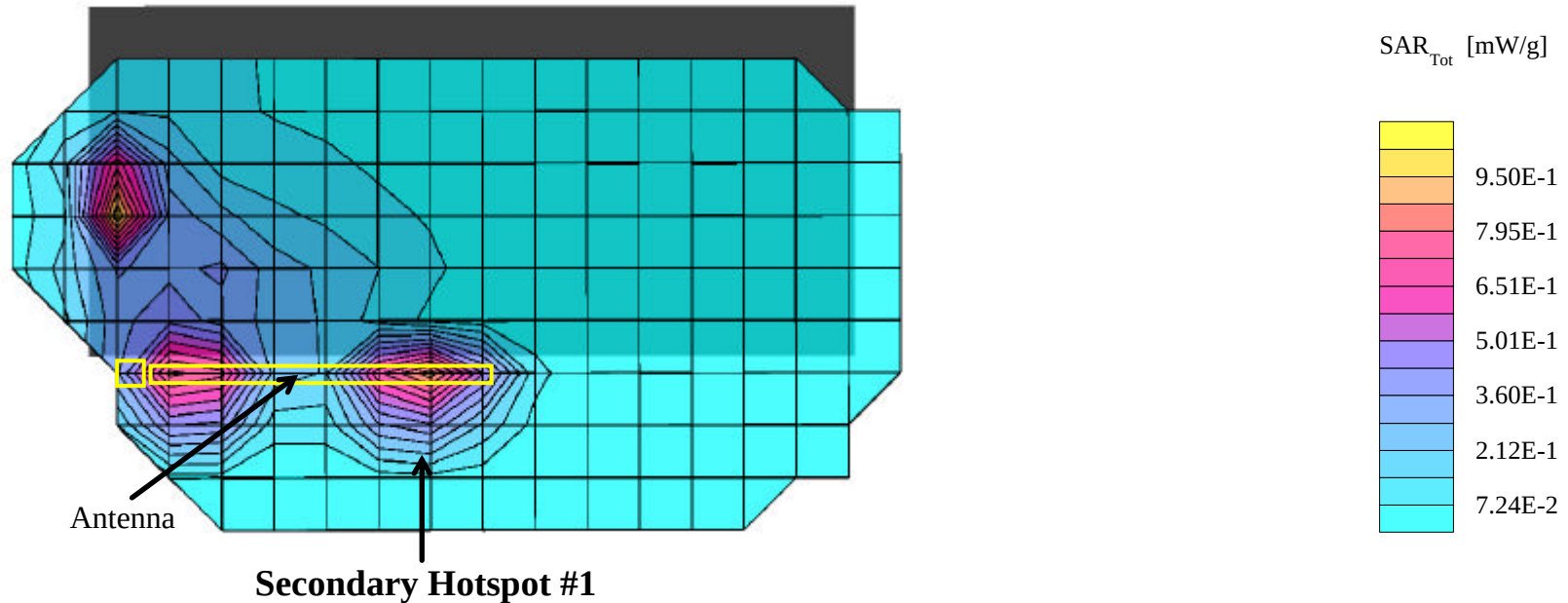


Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.853 mW/g, SAR (10g): 0.336 mW/g

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)
 0.0 cm Separation Distance from Back of LCD Display to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 25 [1851.25 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

Secondary Hotspot Evaluation #1

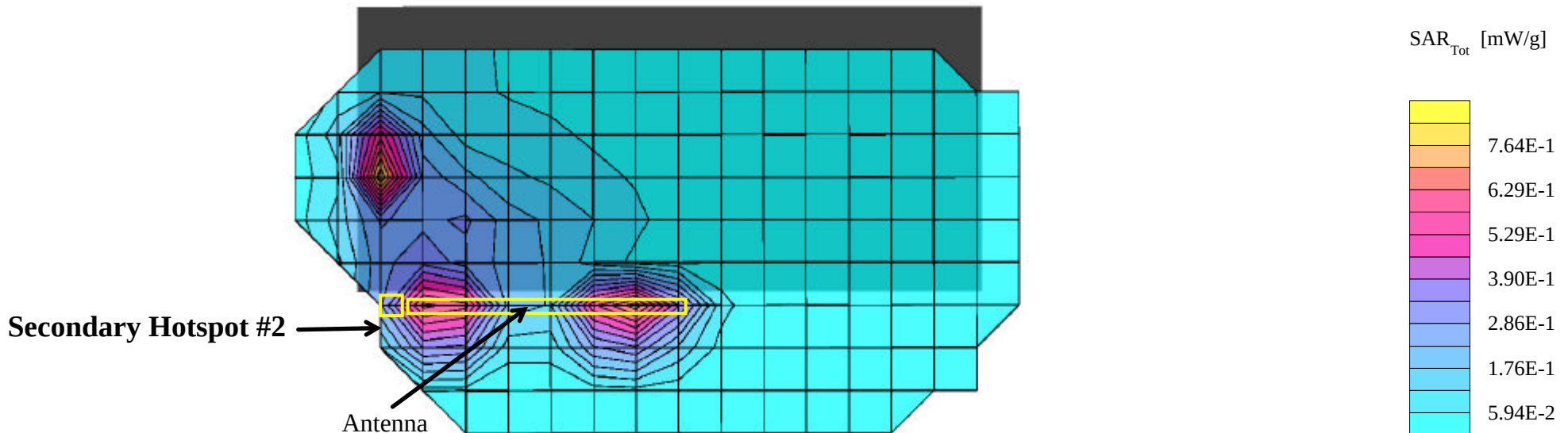


Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.731 mW/g, SAR (10g): 0.294 mW/g

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)
 0.0 cm Separation Distance from Back of LCD Display to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 25 [1851.25 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

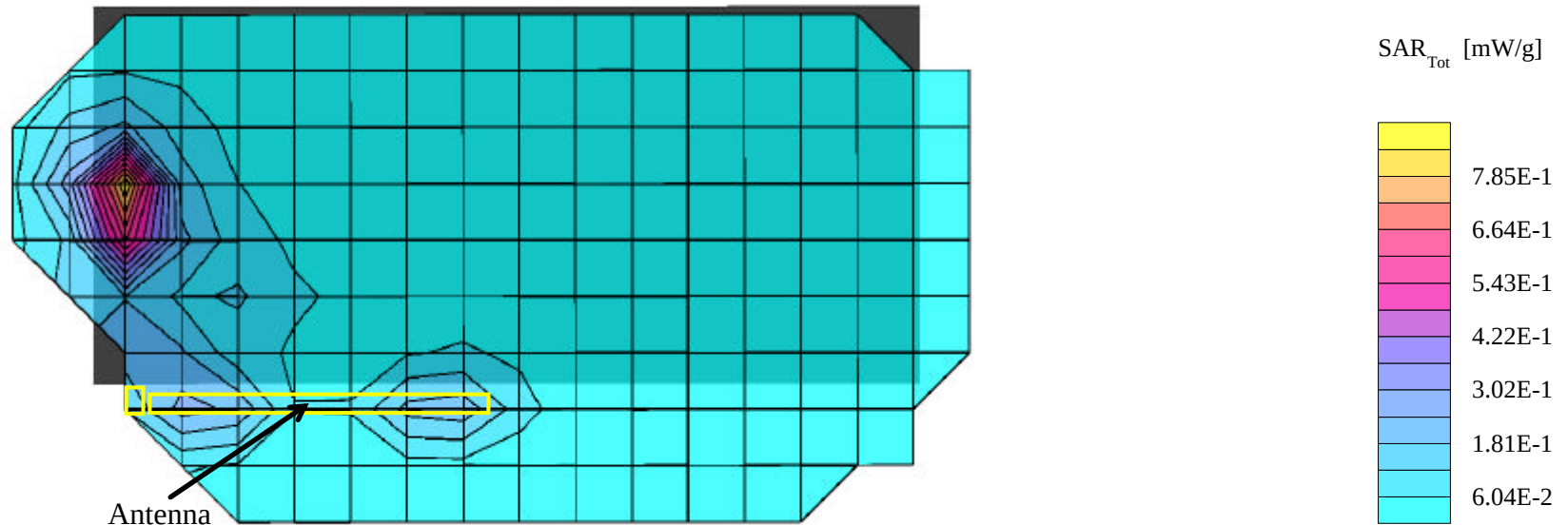
Secondary Hotspot Evaluation #2



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.837 mW/g, SAR (10g): 0.318 mW/g

Body SAR - Back of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)
 0.0 cm Separation Distance from Back of LCD Display to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 1175 [1908.75 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

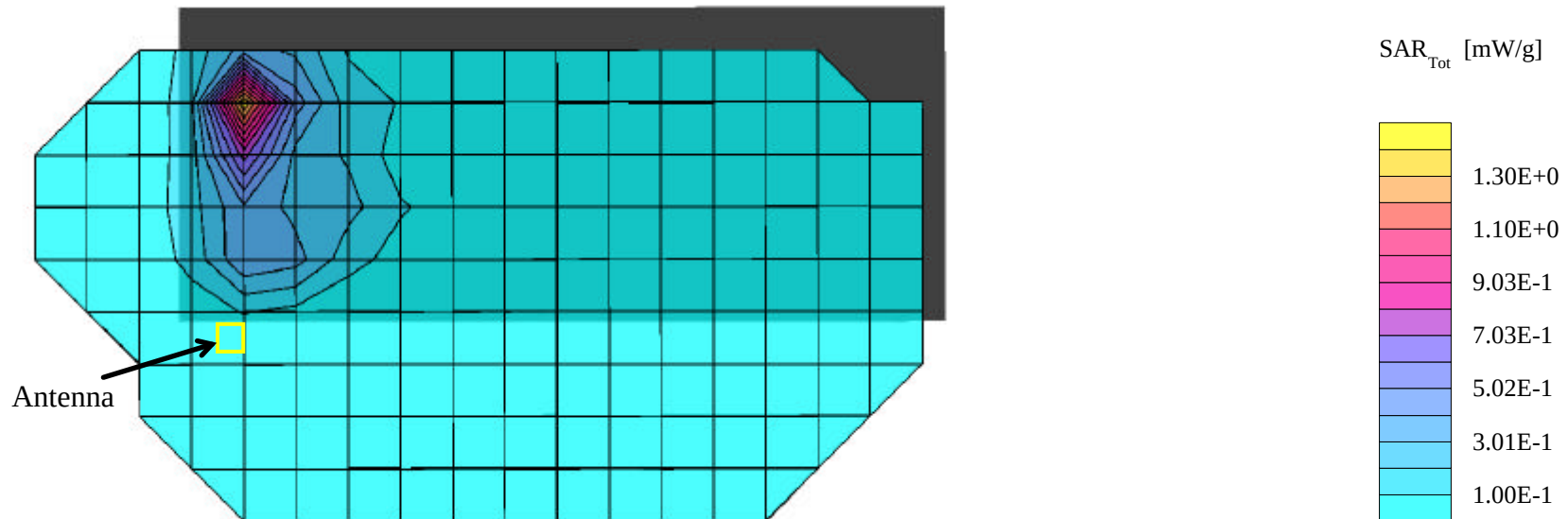
SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.498 mW/g, SAR (10g): 0.201 mW/g

Body SAR - Back of LCD Display (Closed) - Antenna Perpendicular to Planar Phantom (180°)
 0.0 cm Separation Distance from Back of LCD Display to Planar Phantom

Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode

Simultaneous Transmit with co-located DSSS WLAN Card

Channel 600 [1880.00 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

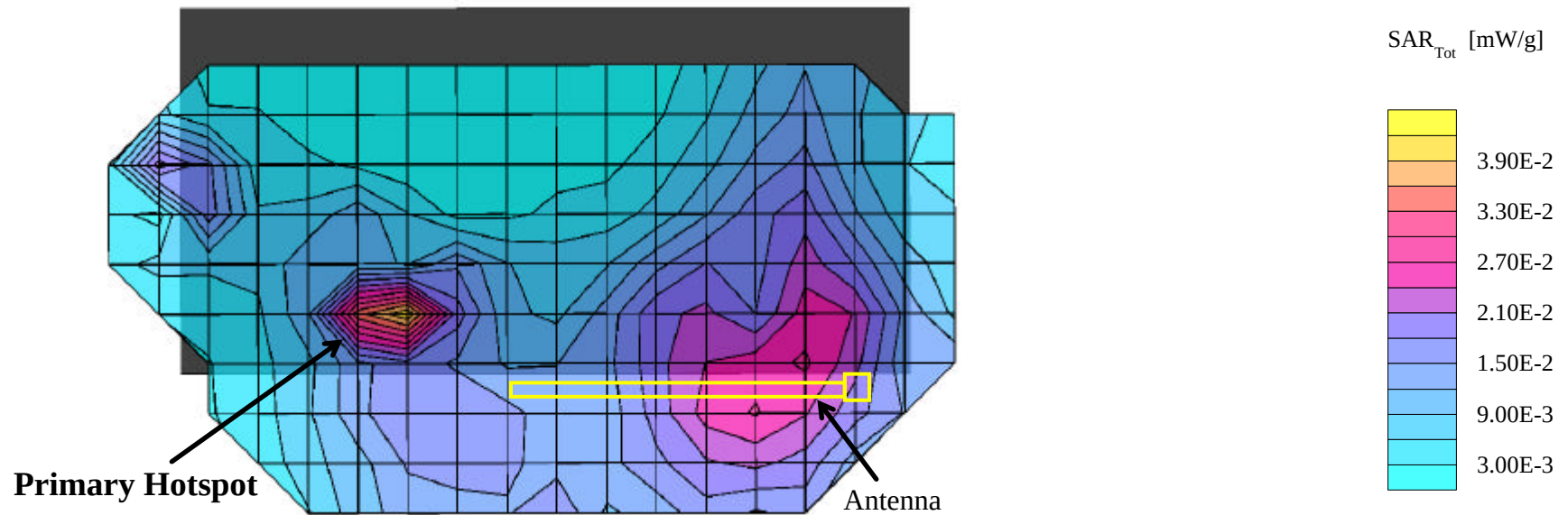


Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.0161 mW/g, SAR (10g): 0.0080 mW/g

Body SAR - Bottom of Laptop PC (LCD Display Closed) - 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
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 600 [1880.00 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

Primary Hotspot Evaluation

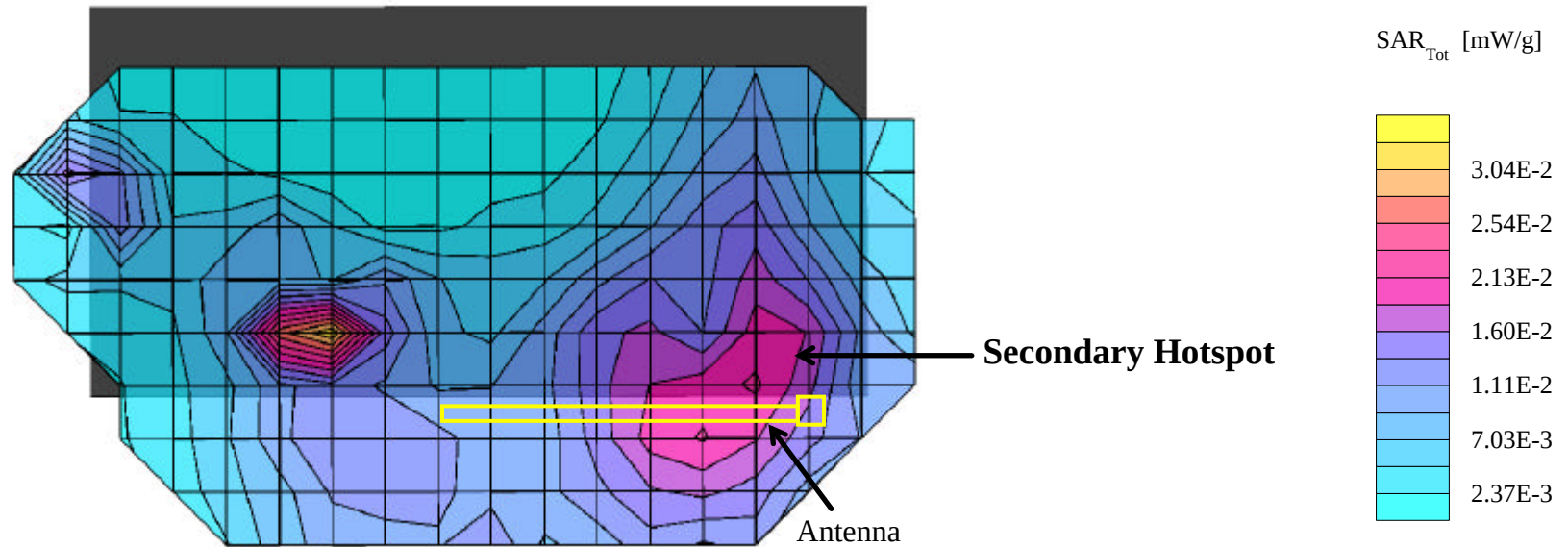


Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (0°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.0132 mW/g, SAR (10g): 0.0066 mW/g

Body SAR - Bottom of Laptop PC (LCD Display Closed) - 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
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 600 [1880.00 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

Secondary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260AC555-MPI

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

Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0

1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7

SAR (1g): 0.0249 mW/g, SAR (10g): 0.0140 mW/g

Body SAR - Bottom of Laptop PC (LCD Display Closed) - Antenna Perpendicular to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card

co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card

PCS CDMA Mode

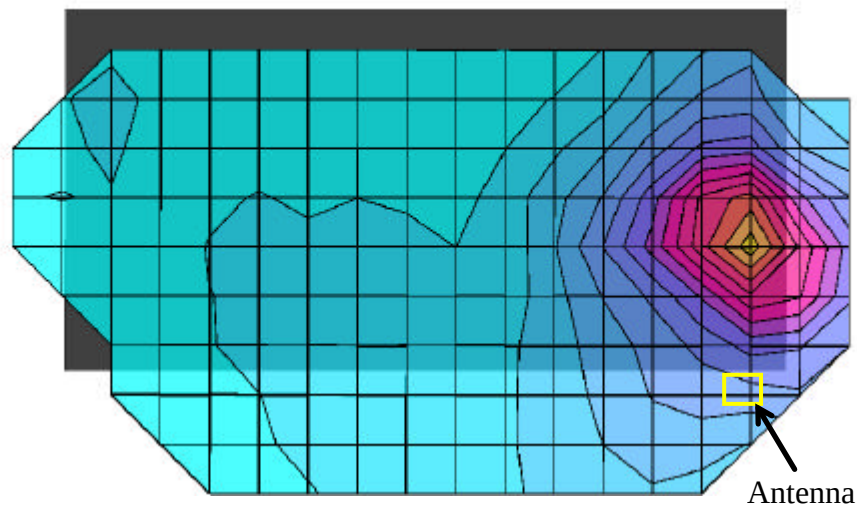
Simultaneous Transmit with co-located DSSS WLAN Card

Channel 600 [1880.00 MHz]

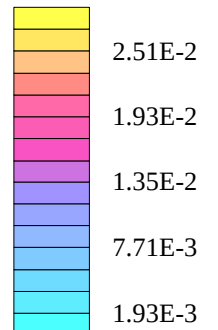
Conducted Power: 23.0 dBm

Ambient Temp: 22.2°C; Fluid Temp: 21.4°C

Date Tested: October 31, 2002



SAR_{Tot} [mW/g]



Itronix Corporation FCC ID: KBCIX260AC555-MPI

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

Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0

1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³

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

Body SAR - Bottom of Laptop PC (LCD Display Closed) - Antenna Perpendicular to Planar Phantom (Extended Position)

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

Itronix IX260 Rugged Laptop PC

with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card

co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card

PCS CDMA Mode

Simultaneous Transmit with co-located DSSS WLAN Card

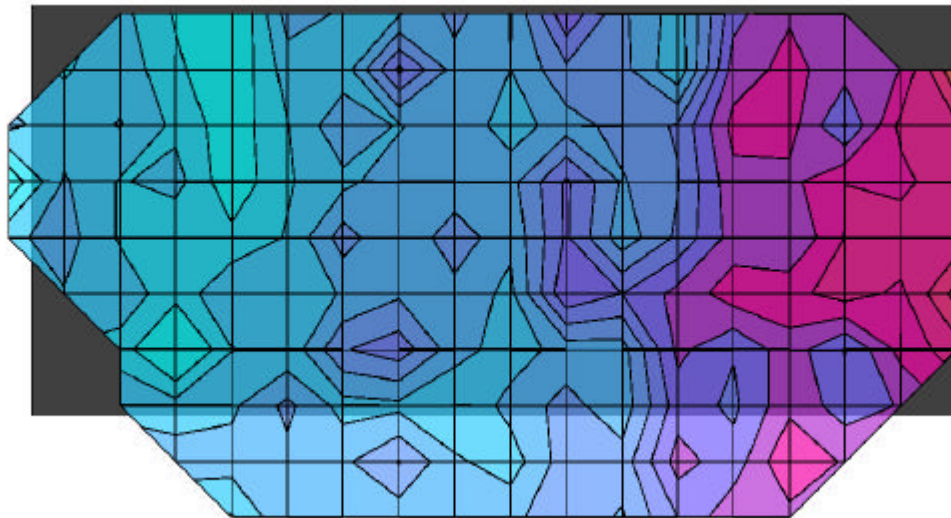
Channel 600 [1880.00 MHz]

Conducted Power: 23.0 dBm

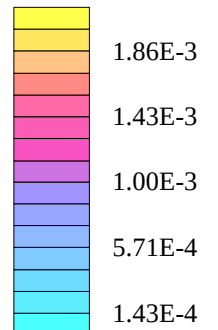
Ambient Temp: 22.2°C; Fluid Temp: 21.4°C

Date Tested: October 31, 2002

Coarse scan to show Left Half of Bottom Side



SAR_{Tot} [mW/g]



Itronix Corporation FCC ID: KBCIX260AC555-MPI

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

Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0

1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7

SAR (1g): 0.150 mW/g, SAR (10g): 0.0804 mW/g

Body SAR - Right Side of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Stowed Position)

1.5 cm Separation Distance from Antenna to Planar Phantom

Itronix IX260 Rugged Laptop PC

with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card

co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card

PCS CDMA Mode

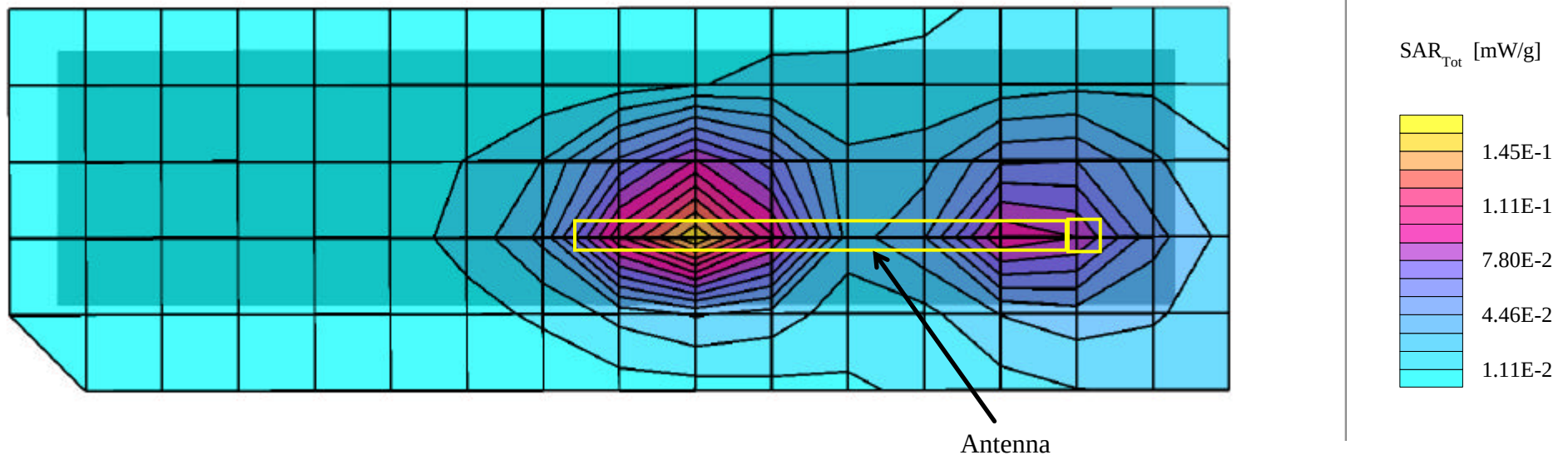
Simultaneous Transmit with co-located DSSS WLAN Card

Channel 600 [1880.00 MHz]

Conducted Power: 23.0 dBm

Ambient Temp: 22.2°C; Fluid Temp: 21.4°C

Date Tested: October 31, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

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

Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0

1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³

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

Cube 5x5x7

SAR (1g): 0.0508 mW/g, SAR (10g): 0.0292 mW/g

Body SAR - Right Side of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Extended Position)

1.5 cm Separation Distance from Antenna to Planar Phantom

Itronix IX260 Rugged Laptop PC

with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card

co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card

PCS CDMA Mode

Simultaneous Transmit with co-located DSSS WLAN Card

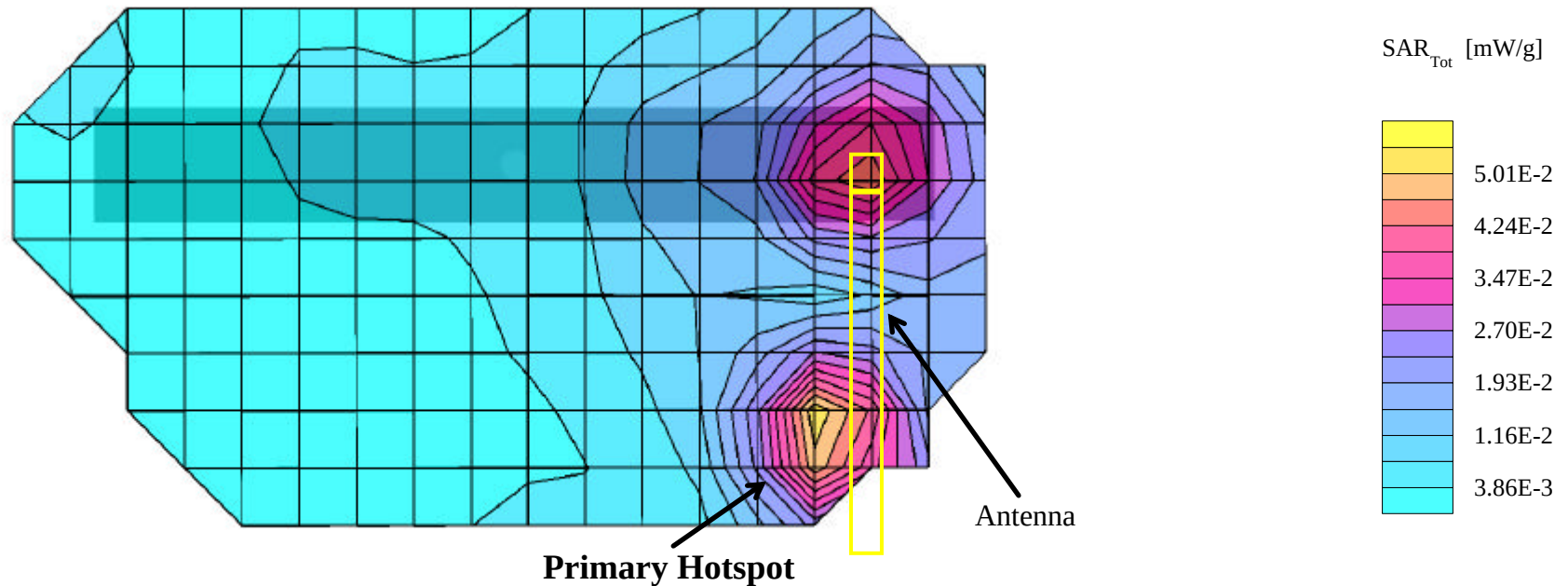
Channel 600 [1880.00 MHz]

Conducted Power: 23.0 dBm

Ambient Temp: 22.2°C; Fluid Temp: 21.4°C

Date Tested: October 31, 2002

Primary Hotspot Evaluation



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (90°,0°)
 Probe: ET3DV6 - SN1387; ConvF(5.00,5.00,5.00); Crest factor: 1.0
 1900 MHz Muscle: $\sigma = 1.51$ mho/m $\epsilon_r = 53.3$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7
 SAR (1g): 0.0384 mW/g, SAR (10g): 0.0223 mW/g

Body SAR - Right Side of LCD Display (Closed) - Antenna Parallel to Planar Phantom (Extended Position)
 1.5 cm Separation Distance from Antenna to Planar Phantom
 Itronix IX260 Rugged Laptop PC
 with Sierra Wireless AirCard 555 PCS/Cellular CDMA Modem Card
 co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card
 PCS CDMA Mode
Simultaneous Transmit with co-located DSSS WLAN Card
 Channel 600 [1880.00 MHz]
 Conducted Power: 23.0 dBm
 Ambient Temp: 22.2°C; Fluid Temp: 21.4°C
 Date Tested: October 31, 2002

Secondary Hotspot Evaluation

