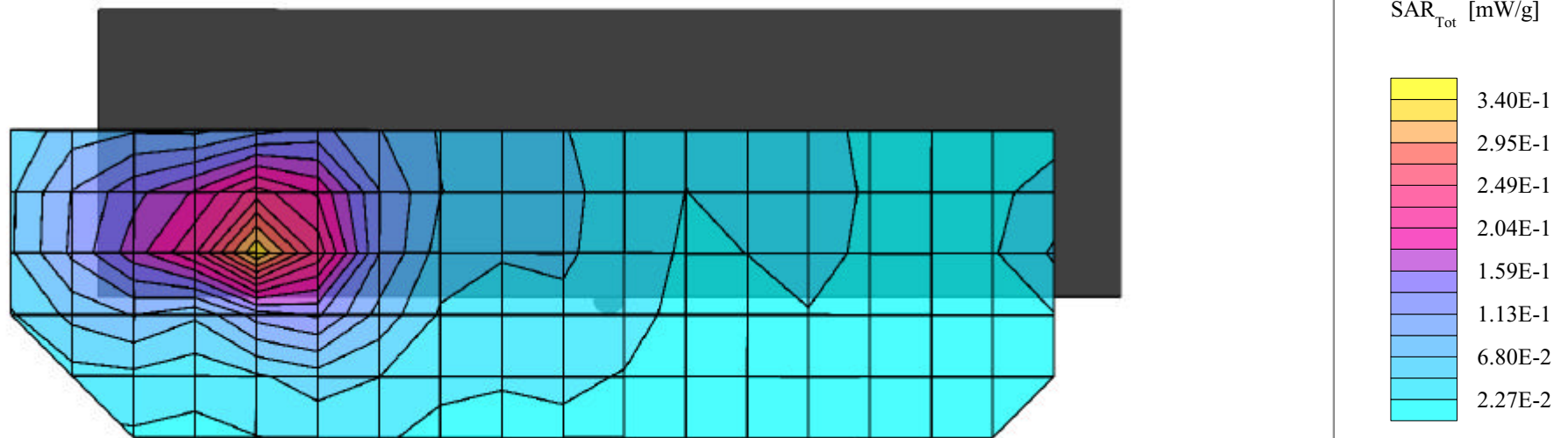

APPENDIX A - SAR MEASUREMENT DATA

Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (270°,0°)
 Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0
 2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Cube 5x5x7; Powerdrift: 0.12 dB
 SAR (1g): 0.311 mW/g, SAR (10g): 0.161 mW/g

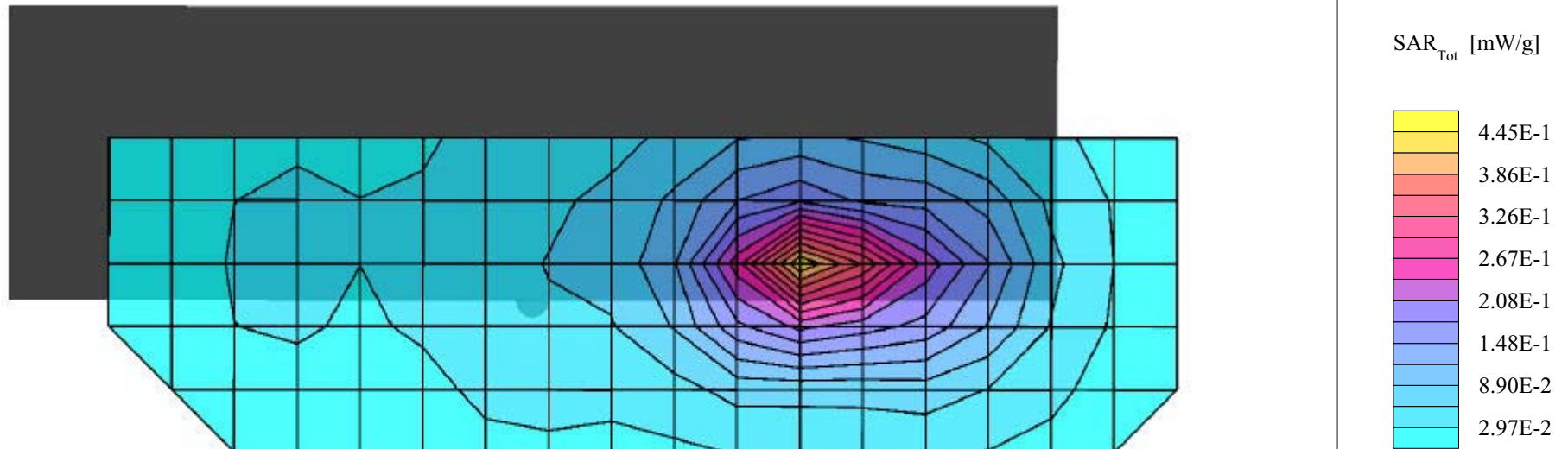
Body SAR - Back of Laptop PC LCD Display (Closed) - Left-Side Antenna
 1.5 cm Separation Distance from Back of LCD Display to Planar Phantom
 Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI WLAN Card
 Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem
 CW Mode
 Mid Channel [2437 MHz]
 Peak Conducted Power: 21.1 dBm
 Ambient Temp: 23.3°C; Fluid Temp: 22.8°C
 Date Tested: December 10, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (270°,0°)
Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0
2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 0.397 mW/g, SAR (10g): 0.200 mW/g

Body SAR - Back of Laptop PC LCD Display (Closed) - Right-Side Antenna
1.5 cm Separation Distance from Back of LCD Display to Planar Phantom
Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI WLAN Card
Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem
CW Mode
Mid Channel [2437 MHz]
Peak Conducted Power: 21.1 dBm
Ambient Temp: 23.3°C; Fluid Temp: 22.8°C
Date Tested: December 10, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Planar Section

Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0

2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³

Z-Axis Extrapolation at Peak SAR Location

Body SAR - Back of Laptop PC LCD Display (Closed) - Right-Side Antenna

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

Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI WLAN Card

Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem

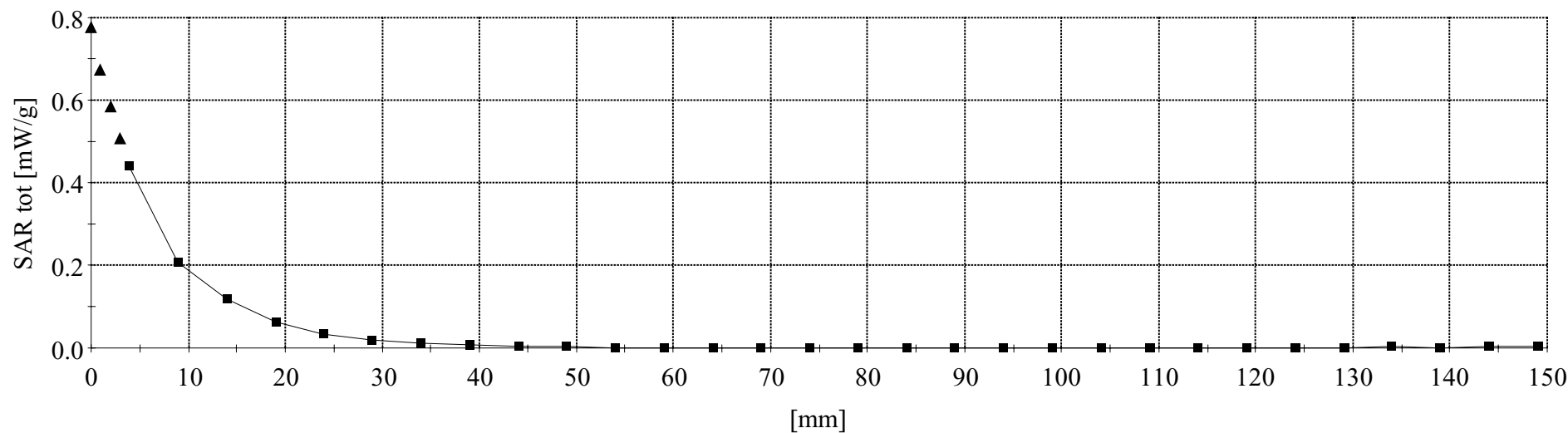
CW Mode

Mid Channel [2437 MHz]

Peak Conducted Power: 21.1 dBm

Ambient Temp: 23.3°C; Fluid Temp: 22.8°C

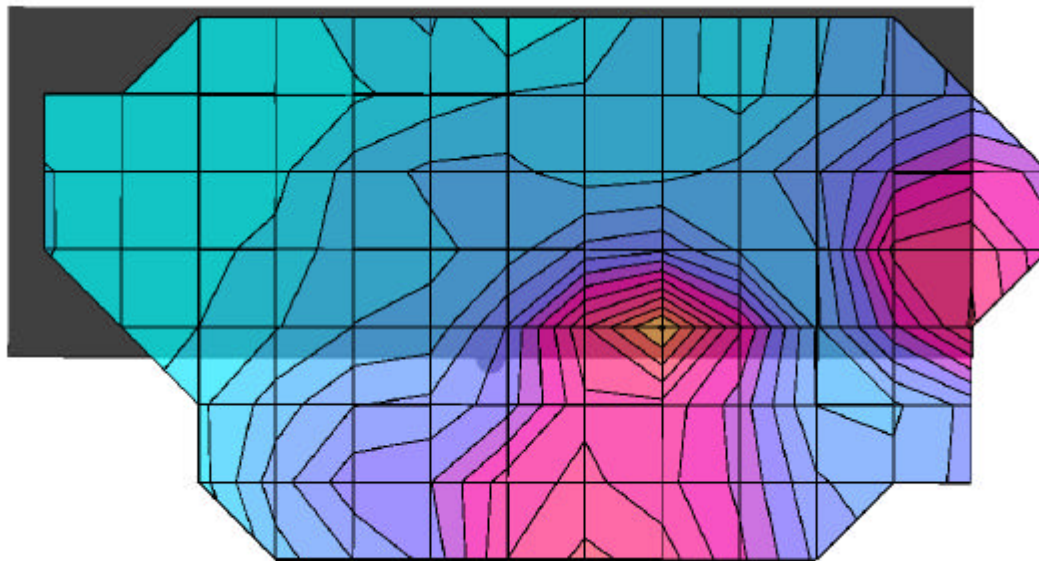
Date Tested: December 10, 2002



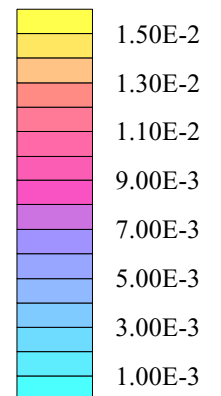
Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (270°,0°)
Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0
2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.13 dB
SAR (1g): 0.0128 mW/g, SAR (10g): 0.0074 mW/g

Body SAR - Bottom of Laptop PC (LCD Display Closed) - Left-Side Antenna
0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom
Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI WLAN Card
Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem
CW Mode
Mid Channel [2437 MHz]
Peak Conducted Power: 21.1 dBm
Ambient Temp: 23.3°C; Fluid Temp: 22.8°C
Date Tested: December 10, 2002



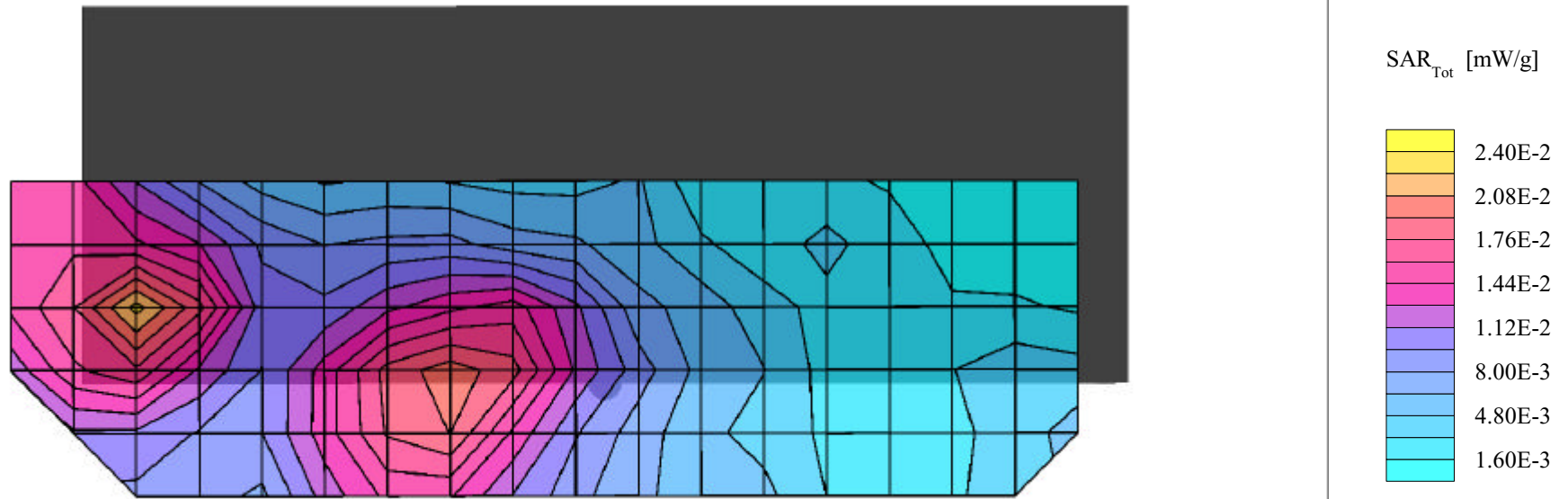
SAR_{Tot} [mW/g]



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (270°,0°)
Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0
2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.16 dB
SAR (1g): 0.0201 mW/g, SAR (10g): 0.0114 mW/g

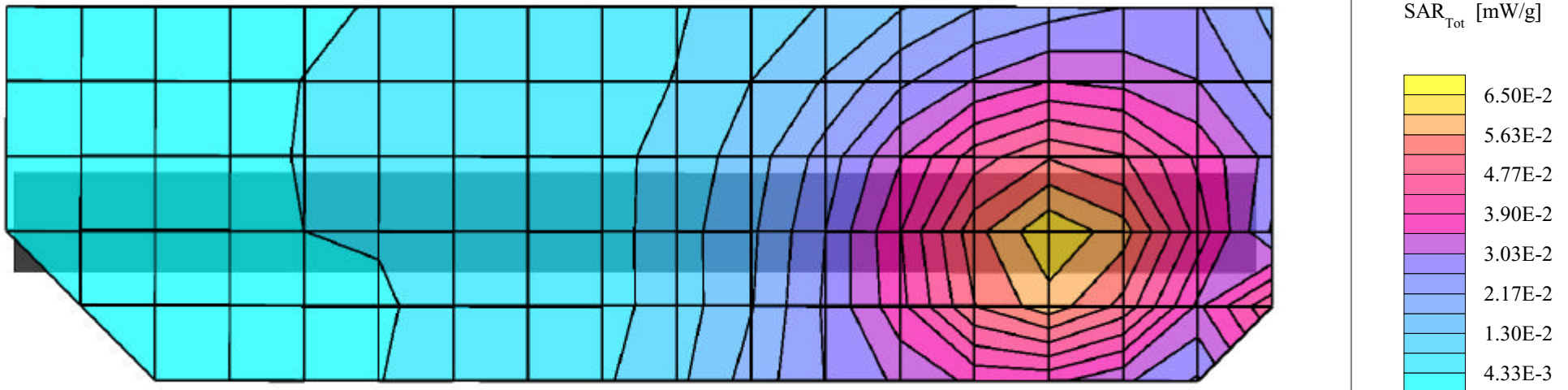
Body SAR - Bottom of Laptop PC (LCD Display Closed) - Right-Side Antenna
0.0 cm Separation Distance from Bottom of Laptop PC to Planar Phantom
Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI WLAN Card
Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem
CW Mode
Mid Channel [2437 MHz]
Peak Conducted Power: 21.1 dBm
Ambient Temp: 23.3°C; Fluid Temp: 22.8°C
Date Tested: December 10, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (270°,0°)
Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0
2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.06 dB
SAR (1g): 0.0558 mW/g, SAR (10g): 0.0328 mW/g

Body SAR - Left Side of Laptop PC LCD Display (Open) - Left-Side Antenna
0.0 cm Separation Distance from Laptop PC to Planar Phantom
Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI DSSS WLAN Card
Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem
CW Mode
Mid Channel [2437 MHz]
Peak Conducted Power: 21.1 dBm
Ambient Temp: 23.3°C; Fluid Temp: 22.8°C
Date Tested: December 10, 2002



Itronix Corporation FCC ID: KBCIX260AC555-MPI

SAM Phantom; Flat Section; Position: (270°,0°)
Probe: ET3DV6 - SN1387; ConvF(4.30,4.30,4.30); Crest factor: 1.0
2450 MHz Muscle: $\sigma = 2.01$ mho/m $\epsilon_r = 47.7$ $\rho = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.11 dB
SAR (1g): 0.0713 mW/g, SAR (10g): 0.0371 mW/g

Body SAR - Right Side of Laptop PC LCD Display (Open) - Right-Side Antenna
0.0 cm Separation Distance from Laptop PC to Planar Phantom
Itronix IX260 Rugged Laptop PC with Cisco MPI-350 Mini-PCI DSSS WLAN Card
Co-located with Sierra Wireless AirCard 555/550 Dual-Band CDMA Modem
CW Mode
Mid Channel [2437 MHz]
Peak Conducted Power: 21.1 dBm
Ambient Temp: 23.3°C; Fluid Temp: 22.8°C
Date Tested: December 10, 2002

