


|   |                                |                       |                                    |                  |
|---|--------------------------------|-----------------------|------------------------------------|------------------|
|  | <b>Test Report Serial No.:</b> | 040505KBC-F631-E15EW  | <b>Report Issue No.:</b>           | E631EW-042006-R0 |
|   | <b>Test Date(s):</b>           | 03Oct05 - 18Nov05     | <b>Report Issue Date:</b>          | April 20, 2006   |
|   | <b>Test Rule Part(s):</b>      | FCC 47 CFR §15.407    | Industry Canada RSS-210 Issue 6    |                  |
|   | <b>Lab Registration(s):</b>    | FCC Lab Reg. # 714830 | Industry Canada Lab File # IC 3874 |                  |

## G.7. SETUP PHOTOGRAPHS

Photograph G.7-1- 3115 Horn @ 3 m



Photograph G.7-2- Waveline Horn with LNA @ 1m





Photograph G.7-3- DUT Configuration



## G.8. DUT OPERATING DESCRIPTION

The worst-case data rate was determined from prescan investigations. Measurements were made at three channels throughout the lower band applicable for Mode a.

|                         |  |   |                |        |               |   |
|-------------------------|--|---|----------------|--------|---------------|---|
| Company:                | Itronix Corporation  | FCC ID:   | KBCIX325-CWLBT | IC ID: | 1943A-IX325ab | <br>A GENERAL DYNAMICS COMPANY |
| Model(s):               | IX325-CWLBT  | IX325 Series Rugged Tablet PC with Cisco AIR-CB21AG-A-K9 802.11abg WLAN |                |        |               |   |
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## H.7. SETUP PHOTOGRAPHS


|   |  |
|---|--|
| Photograph H-1 - Loop Antenna (10kHz - 30 MHz) @ 3m                                 | Photograph H-2 - Bilog Antenna (30 MHz - 1 GHz) @ 3m                                 |
|    |    |
| Photograph H-3 - 3115 Horn @ 3 m  | Photograph H-4 - 3115 Horn with LNA/Filter @ 1m                                      |
|   |   |
| Photograph H-5 - Waveline Horn with LNA @ 1m  | Photograph H-6 - DUT Configuration   |
|  |  |

## H.8. DUT OPERATING DESCRIPTION

The worst-case data rate was determined from prescan investigations. Measurements were made at three channels throughout the lower band applicable for Mode a.

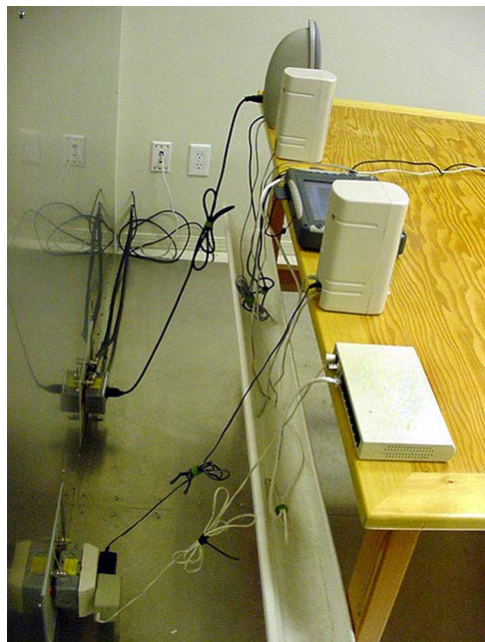
|                         |  |   |                |        |               |   |
|-------------------------|--|---|----------------|--------|---------------|---|
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## J.7. SETUP PHOTOS

Photograph J-1 - AC Powerline Conducted Emission Cable Placement




Photograph J-2 - AC Powerline Conducted Emission Configuration



## J.8. DUT OPERATING DESCRIPTION

|                     |  |
|---------------------|--|
| <b>WLAN:</b>        | The WLAN was set to transmit at full power on Channel 36, Mode a 6 Mb/s                        |
| <b>PC:</b>          | Other than operating the WLAN software and running MS windows, no PC exercising was performed. |
| <b>Peripherals:</b> | All peripherals were active, but no specific traffic was initiated.                            |

|                         |  |   |                |        |               |   |
|-------------------------|--|---|----------------|--------|---------------|---|
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