

## 1.0 GENERAL INFORMATION

### 1.1 Product Description

The Model SWL-1000D (referred to as the EUT in this report) is a direct sequence spread spectrum wireless LAN, ISA network card. The EUT provides wireless connections between computers. The EUT is designed to be plugged into an ISA slot in a desktop computer. The EUT communicates with other wireless LAN cards using the frequency range from 2.412 to 2.467 GHz. The EUT is powered from the desktop computer, and does not have an external power supply.

### 1.2 Related Submittals

Samsung is also submitting a wireless LAN Card FCC ID: SWL-1000N for certification as a direct sequence spread spectrum transmitter and as a personal computer peripheral.

### 1.3 Tested System Details

An IBM Thinkpad computer was used as the host for the tests. The FCC ID's for all equipment, plus descriptions of all cables used in the tested system which have grants, are:

| Model &<br>Serial Number        | FCC ID                     | Manufacturer &<br>Description | Cable<br>Descriptions                                             |
|---------------------------------|----------------------------|-------------------------------|-------------------------------------------------------------------|
| SWL-1000D (EUT)<br>S/N: N/A     | EX2SWL1000D                | Samsung<br>Wireless LAN Card  | 1.8 meter Coaxial<br>Antenna Cable                                |
| PDS P5/90                       | F825K4QUIN51D              | PDS Personal<br>Computer      | Unshielded, 2.1 m<br>Power Cord                                   |
| FKB4700<br>S/N: J8633249        | C9SKB4700-2                | PDS Key Board                 | Integral Coiled,<br>1.5 m Cable                                   |
| CJ4685<br>S/N: 00500993         | A3L9QNCJ468<br>VGA Monitor | Samsung                       | Integral, Shielded,<br>1.2 m data cable;<br>1.8 m Unshd PWR Cable |
| NX-1001<br>S/N: 510010542390    | B6DZ150L                   | Star Printer                  | Shielded cable<br>1.8 m; w/ metal shells<br>1.9 m Unshd PWR Cble  |
| M/N: M-ML38<br>S/N: LU119008761 | DZLM04                     | Logitech Mouse                | 2.1 m, Integral Data Cble                                         |