

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