

1.0 GENERAL INFORMATION

1.1 Product Description

The Model SWL-1000N (referred to as the EUT in this report) is a direct sequence spread spectrum wireless LAN, PCMCIA network card. The EUT provides wireless connections between computers. The EUT is designed to be plugged into a notebook 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 notebook computer, and does not have an external power supply. The EUT has no ports for external cabling.

1.2 Related Submittals

Since the EUT is also a computer peripheral, it is being submitted for certification in accordance with part 15 subpart B in a separate submittal using the same FCC ID listed in this report.

Samsung is also submitting a wireless LAN Card FCC ID: SWL-1000D for certification as a direct sequence spread spectrum transmitter.

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-1000N (EUT) S/N: N/A	EX2SWL1000N	Samsung Wireless LAN Card	No Cables
Type 9547 S/N 23-P8175	AN0196FBLT	IBM Thinkpad Computer	Unshielded, 3.3 m Power Cord
P/N 84G2357 S/N 9505142396	N/A	IBM Power Supply	Unshielded, 3.3 m Power Cord
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