



Modular Approval Request Letter

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046

RE: SAMSUNG Electronics Co., Ltd.

Model: SWL-2250U

To Whom It May Concern:

Samsung Electronics would like to have your authorization as a limited modular approval specific to Samsung Series ML-XXXX printers with external antennas located in the back of the printer. The requirements of Public Notice DA00-1407 have been met as follows:

The Samsung SWL-2250U is a complete wireless high speed Network Interface Card with its own 44 MHz reference oscillator. This module is always installed by Samsung.

1. The SWL-2250U has its own RF shielding to assure compliance of host devices to FCC Part 15 limits. This shielding is shown on the external photo exhibit of this application.
2. The Modular transmitter has buffered data inputs provided by ISL3873 as shown by the block diagram submitted in this application.
3. The ISL3873A MAC processor operates from regulator U7 providing 2.85 VDC.
4. The SWL-2250U has a reverse SMA antenna port which is considered a unique coupler.
5. This wireless LAN module was tested for compliance in a stand alone configuration attached to a USB port of a notebook PC with a non-ferrite loaded USB cable over 0.6 meters in length.
6. The labeling of this module contains the FCC ID: A3LSWL-2250U. This FCC ID will not be visible when installed in Samsung printers therefore a label will be placed on the outside of the printer stating "contains FCC ID: A3LSWL-2250U."
7. The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.
8. The SWL-2250U complies with FCC MPE limits for RF exposure as indicated in the RF exposure exhibit in the application.

Sincerely,

A handwritten signature in cursive script that reads "Wallace Oh".

Wallace Oh
Engineering Manager, SAMSUNG American QA Lab
SAMSUNG Electronics Co., Ltd.