



416, Maethan 3-Dong, Youngtong-Ku, Suwon-City, Kyung-ki-Do, KOREA

Attn: Reviewing Engineer
Federal communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

July 12, 2007

RE: PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

To whom It May Concern:

We, Samsung Electronics Co., Ltd., Hereby requests a Modular Approval of our [SWLN01 \(802.11n Module\)](#), described as follows:

Brand name : [SAMSUNG](#)

Model name: [SWLN01](#)

FCC ID : A3LSWLN01

In FCC Public Notice DA 00-1407 released June 26, 2000 there are eight numbered requirements that our 802.11n Module complies with.

1. The modular transmitter must have an own shielding : The radio portion of this module has been shielded,

2. The modular transmitter must have buffered modulation/data inputs. : [This module has a memory managements unit inside of the IC \(88W8363, Marvell \). It buffers the data inputs from PCI terminal.](#)

The modular transmitter must have its own power supply regulation. : [The IC \(88PG817E , Marvell ,QFN-16\) Contain an own voltage regulation. In case of changes in the supply voltage VCC \(for example caused by temperature changes or other effects\), the internal voltage will be stabilized.](#)

3. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c: [This module is equipped with a connector for Antenna. For further details please refer to the antenna data sheet included in the filing.](#)

4. The modular transmitter must be tested in a stand-alone configuration: [This module was tested in a stand-alone configuration.](#)

5. The modular transmitter must be labeled with its own FCC ID number: This module is labeled with its own FCC ID number, Please see product label design and the external photograph of the device with this label submitted with the application.

6. The modular transmitter must comply with any specific rule of operation requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements: This module is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the [Users Manual](#).

7. The modular transmitter must comply with any applicable RF exposure requirements: This module is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the test report.

8. Samsung designed this module only work for 802.11n

This module is just for the wireless TV solution. Our samsung TV solution want to transmit Video and Audio signal with this module.(Those signals are high bitrate data) So we need large bandwidth. 802.11a is not adjustable to use for wireless TV solution. We do not support 802.11a.

Sincerely,

Name:

Title:

Company: SAMSUNG ELECTRONICS CO., LTD

