

FCC ID: A3LSWL-5300M

## **Modular Approval Request Letter**

ESTECH CO., LTD.

August 16, 2005

Dear Application Examiner,

SAMSUNG ELECTRONICS CO., LTD. Wireless Card, FCC ID: A3LSWL-5300M, would like to have your authorization for Module Approval specific to the mobile device such as Printer and similar equipment. The requirements of Public Notice DA00-1407 have been met and shown on the following statements.

1. "The modular transmitter must have its own RF shielding.":  
The Radio portion of this module has been shielded, please see the external photo.
2. "The modular transmitter must have buffered modulation/data inputs."  
The EUT has buffered data inputs, it is integrated in chip AR5213.
3. "The modular transmitter must have its own power supply regulation."  
The chips IF converter and RF/IF converter which will influence the frequency radiation, have to be 2.5VDC powered. The mini pci interface provides 3.3VDC, so there are regulators in front of these chips, the part number of this regulator is LTC3406ES.
4. "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C)."

The EUT meets the FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas are shown in the external photos or test report.

5. "The modular transmitter must be tested in a stand-alone configuration"  
The EUT was tested in a stand-alone configuration via a Mimi-PCI to PCMCIA adapter card. Please see section Photographs of Test Configuration in the test report.
6. "The modular transmitter must be labeled with its own FCC ID number."

Please see exhibition Label Sample for the FCC ID of this module. And also in the exhibition Users Manual, there are instructions give to the OEM on how to label the end product.

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7. "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements."

The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.

8. "The modular transmitter must comply with any applicable RF exposure requirements."

The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the RF exposure exhibition.

Please contact me if you have any further questions. Thanks for your attention.

Best Regards,

A handwritten signature in black ink, appearing to be 'JK' or 'JB' with a stylized flourish.

Jay Kim / Engineering Manager  
Manager of Telecom division  
ESTECH CO., LTD