

Modular Approval Request Letter

Dear sir,

Universal Scientific Industrial Co.,Ltd. Company Ltd.'s Wireless Mini PCI LAN Module,FCC ID : IXMMPGBR05, would like to have your authorization as a modular device which was indicated in FCC Public DA 00-1407, and to have your authouization as a modular approval. The statement is listed below :

1. "The modular transmitter must have its own RF shielding." : The radio portion of this module has been shielded, pls see exhibition External Photo.
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip BCM4318EKFBG.
3. "The module 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 1.8 VDC powered. The mini-pci interface provides 3.3 VDC, so there are regulators in front of these chips, the part number of this regulator is SEMTECH_SC1202CSTTRT (Vendor Part number).
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 connector and photo of antennas are shown in the 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 PCI to mini-PCI extender. Pls see section Photographs of Test Configuration in the test report, the EUT was plugged in this extender.

6. "The modular transmitter must be labeled with its own FCC ID number, and , if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module." Ps see exhibition Users Manual, there are instructions give to the OEM on how to label the end product.
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.

Pls contact me if you have any further questions.

Yaochia Shih, April 20, 2005

Name: Yaochia Shih

Company Name: Universal Scientific Industrial Co.,Ltd.