

Modular Approval Request Letter

Advance Data Technology

Sep. 08, 2003

Dear Application Examiner,

Arcadyan Technology Corporation's Wireless miniPCI 802.11 g/b adapter, FCC ID: RAXWN4401AARC, would like to have your authorization as a limited modular approval specific to the mobile device such as Notebook. 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 exhibition External Photo.
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip ISL3686.
3. "The modular transmitter must have its own power supply regulation." The chips RF converter which will influence the frequency radiation, have to be 2.84V DC powered. The mini-pci interface provides 3.3VDC, so there are regulators in front of these chips, the part number of this regulator is ISL6411IR.
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 test report.
5. "The modular transmitter must be tested in a stand-alone configuration" The EUT was tested in a stand-alone configuration. The EUT was tested via the outside a Notebook Computer. 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.

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 read 'Eric Lin', with a stylized flourish at the end.

Eric Lin
Manager of Hsinchu Certification Service Div.
Advance Data Technology