

Modular Approval Request Letter

Dear Application Examiner,

We TP-LINK Technologies Co., Ltd. Our device: 300Mbps Wireless N Mini PCI Adapter, FCC ID: TE7WN861N, would like to have your authorization as a full modular approval specific to the computer device such as desktop/laptop computer. The requirements of section 15.212 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 AR5416.

3, "The modular transmitter must have its own power supply regulation." The mini PCI interface provides 3.3V DC, the on board power IC MVPG31 convert 3.3V DC to 1.8V DC.

4, "The modular transmitter must comply with antenna requirements of section 15.203 and 15.204(c)." The EUT meets the FCC antenna requirements, it has I-PEX antenna connector that no antenna other than that furnished by the responsible party shall be used with the device, The spurious emissions 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 PCB to Notebook, 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.

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

Best Regards!

Yongquan Wang

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