



Dear Gerald,

Broadcom Wireless LAN Mini-PCI card, Model BCM94306MP
FCC ID: QDS-BRCM1005

We would like to approve the above product as a modular approval specific to Residential Gateways, Access Points and other similar “non-laptop” type mobile applications where the antenna gain used with the BCM94396MP card is less than or equal to 5dBi.

The requirements of Public Notice DAA00-1407 are met as follows:

1. The radio circuitry of the module has its own RF shielding as detailed in the photographs accompanying this submission.
2. The BCM94306MP has buffered data inputs.
3. The BCM94306MP has its own voltage regulators.
4. A Hirose “unique” type antenna connector provides connection from the BCM94306MP to external antennas as detailed in the photographs accompanying this submission.
5. The EUT was tested in a standalone type configuration as described below:
A Linksys Access Point motherboard was used to provide a host via its MiniPCI connector. The BCM94306MP was inserted into the MiniPCI connector such that it was parallel to the motherboard with the component side of the board facing away from the motherboard. Test modes were applied directly to the BCM94306MP via a serial port connector. Only the Access Point motherboard was used and no additional shielding was provided by any Access Point casing. An external Netgear 5dBi MR814 antenna was connected directly to the BCM94306MP card via Hirose connectors.
6. An exhibit label (including FCC ID) has been included in the User Instructions for this product. Instructions have also been given to the OEM manufacturer on how to label the end product.
7. The BCM94306MP is compliant with all applicable FCC rules. Instructions for maintaining compliance are given in the user instructions.
8. The BCM94306MP is compliant with all applicable RF exposure requirements for devices intended for mobile operation.

Yours faithfully,

Chris McGough
Manager of Compliance Engineering

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