

Device description and testing details

The Broadcom WLAN is a mini PCI card without an internal antenna. It is intended to be implemented by OEM's in laptop applications. It cannot be user installed since there needs to be a built in antenna in the laptop with the right connector type, which is unique. The card fulfill all the requirements for modular approval and has it's own voltage regulator, an input buffer except the antenna.

The MiniPCI card was tested inside a Dell Laptop for FCC 15.247 and SAR. No specific laptop adaptations have to be made to the card in order to built the card into the laptop.

The Dell laptop model series Inspiron and Latitude was tested for SAR and the FCC requirements according 15.247. The antenna used for this series is a:

- Foxcon, Model: FX-01L03-P1 Peak gain: 3.0dBi.

This application is intended to be used in

- The DELL laptops series Latitude and Ispiron using the Foxcon or similar antennas with equal or less gain and similar antenna locations.



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