



Christine Vu
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RE: Class II Permissive change to FHP Wireless Incorporated grant (P9JWMR530-01-00BC)

Christine,

We would like to apply for a permissive change to the grant listed above so that we may use a revised version of the digital motherboard and remove the ferrite core restriction required for the DC line as listed on our FCC Grant. This new unit will have the model numbers SP-01-00B-C-N-xx or RP-01-00B-C-N-xx depending upon which routing software option is ordered for the product. The -xx suffix designates the antenna option of -02 for the 1.5dBi omni antenna or -08 for the 7.4dBi omni antenna.

The existing certification was obtained for a professionally installed FCC Part 15C, 0.0798W TX Output Power IEEE 802.11b 2412 to 2462MHz device which required a ferrite on the DC line. The new certification employs a modified digital motherboard. The modified design removes the need to have the ferrite on the DC line. In addition, the new version of the product supports an 802.3af compliant P.O.E. (Power Over Ethernet) option which enables the unit to be alternately powered over the port marked LAN. The radio is the same unit that is marketed as the WMR530-01-00BC-C-N-XX device. The old model number (WMR530-01-00BC-C-N-XX) will become obsolete.

Summary of Changes:

- Motherboard design modification: change inductor on DC line input circuit to larger value for improved DC line emissions performance
- Motherboard design modification: changed the DC input circuit to accept 802.3af compliant Power Over Ethernet Option (P.O.E.) from the RJ45 port marked "LAN".
- Changed the Product Model Number method to support optional routing software;
Obsolete Model Number: WMR530-01-00BC-C-N-XX
Replace with Model Numbers: SP-01-00B-C-N-XX or RP-01-00B-C-N-XX

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