

August 25, 2003

RE: Hewlett Packard Company
FCC ID: CNTPP2170

Answers to the ATCB comments on the above referenced Application.

- 1.) The label supplied for this product has no FCC ID. Please supply revised label artwork.
Refer to "Label – HPQ System (09-22-03)".
- 2.) The Confidentiality Request contains items for which there are no exhibits. Please eliminate unused items from the letter.
Refer to "Letter - Confidentiality (ATCB) (Rev. A, 08-22-03)" and "Letter - Confidentiality (FCC) (Rev. A, 08-22-03)".
- 3.) No required Operational Description exhibit was supplied.
Refer to "Theory of Operation".
- 4.) No required Block Diagram exhibit was supplied
Refer to page 2 of "Schematic-Block Diagram".
- 5.) Please see the Test Report. Page 6 of 46 refers to this device as a module [even though Cover Letter describes otherwise]. It does not appear that either a Modular Request or LMA is being sought. Please explain or revise. FYI: If you are simply adding a wireless LAN to a separately approved notebook computer, the FCC ID applies to the entire product.
Refer to "Test Report – FCC (Rev. B, 09-22-03)".
- 6.) Spectral Power Density test is typically taken over at minimum 1.5MHz span. This is to insure the highest peak is being recorded. Please provide a single worst case spectral power density plot over worst case channel and worst case data rate as a supplement to the existing report.
Refer to "Test Report – FCC (Supplement)".
- 7.) Test Report identifies 11 channels as being implemented for 802.11b in the United States. However, the Manual seems to identify other channels to which this equipment – accidentally or otherwise – may be set. Please explain how **only** the US channel set for 802.11b will be implemented. If "passive scanning" techniques are used, please identify precautions which prevent this device from transmitting outside of the band even if this device finds an improperly tuned access point set to either channel 12 or 13.
Refer to "Letter - Freq. Band Explanation".
- 9.) FCC is now requiring a change in the MPE Estimation exhibits. Please calculate "S" (power density) at a distance of 20cm, and not the "safe MPE" distance.
Refer to "MPE Calculations" Power density at the specific separation.