



February 12, 2003

The 2.4GHz Frequency Hopping USB Wireless LAN Module, **FCC ID: LNQBTM200** is seeking FCC Authorization as a modular transmitter. The EUT meets the requirements for modular approval as detailed in FCC public Notice DA00-1407. Compliance to each of the requirements is described below:

Questions are:

1. **“The modular transmitter must have its own RF shielding.”** - The radio portion of the wireless LAN module has its own RF shielding. The shielding is installed at the factory.

Please see Exhibit C for photographs of the shielding, found in file R0302101Ext.

2. **“The modular transmitter must have buffered modulation/data inputs.”** - The EUT has buffered data inputs to insure compliance with Part 15 requirements under condition of excessive data rates or over – modulation.

Please see Appendix 1 for schematics of the module, found in file R0302101Sch.

3. **“The modular transmitter must have its own power supply regulation.”** - The EUT uses USB host power. It insures compliance with port 15 supplying the module from the host unit.

Please see Appendix 1 for schematics of the module, found in file R0302101Sch.

4. **“The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(c).”** - The EUT meets the FCC antenna requirements.

Please see Appendix 2 for x1726 circuit description, found in file R0302101Op; Exhibit C for photographs of the antennas, found in file R0302101Ext/E0302101Int, and Appendix 3 for antenna connection method, found in file R0302101AntSpc.

5. **“The modular transmitter must be tested in a stand-alone configuration.”** - The EUT was tested in a stand-alone configuration.

Please see Appendix 2 for x1726 circuit description, found in file R0302101Op, and Exhibit B for the testing setup photos, found in file R0302101Sup.

6. **“The modular transmitter must be labeled with its own FCC ID number.”** - The EUT is labeled with its own FCC ID number.

Please see Exhibit A for a drawing of the label and its location on the device, found in file R0302101Lbl. Since the FCC ID number will not be visible when the module is installed inside a host computer, there're instructions given to the OEM on how to apply the exterior label.

7. **“The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacture must provide adequate instruction along with the module to explain any such requirements.”** - The EUT is compliant with all applicable FCC rules.

Please see test report for the detailed RF Exposure, found in file R0302101Rpt.

8. **“The modular transmitter must comply with any applicable RF exposure requirements.”** – The EUT fully complies with RF exposure requirements.

Please see test report for the detailed RF Exposure, found in file R0302101Rpt.

