Federal Communication Commission

RE: FCC Class II Permissive Change for Wistron NeWeb Corporation, FCC ID: NKR-DNMA-92

To whom it may concern:

The enclosed documents constitute a formal submittal and application for a Class II Permissive Change for an 802.11abgn 2x2 module to the following rules:

Subpart C of Part 15 of FCC Rules (CFR 47)
Subpart E of Part 15 of FCC Rules (CFR 47)

The purpose of the permissive change is to:

1) Add co-location of up to two modules in the same product
2) Add DFS master ability when installed in the Aerohive Networks model AP120

The Aerohive AP120 uses two modules in a single enclosure to form an 802.11 access point. One module is configured and limited to operation in the 2.4GHz band while the second module is configured and limited to operating in the 5GHz bands.

The Aerohive AP120 uses antennas that have been approved during previously granted permissive changes to the Wistron module.

As the Aerohive AP120 will operate in the DFS bands as a master device, testing has been performed against the DFS master requirements, using the lowest gain antenna. The antennas used were added in a permissive change granted June 2009.

MPE calculation has been provided to address the co-location condition of two Wistron modules installed with 20cm of one another. The power/EIRP data was taken from the granted C2PC application that added the highest gain antenna that Aerohive will use. The antennas used were added in a permissive changed granted August 2011.

It is understood that this permissive change will be limited to this particular host device, the Aerohive Networks, model AP120.

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is included with the application.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,

Mark Hill
Staff Engineer

MEH/dmg