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*Office of Engineering and Technology
Federal Communications Commission*

To whom it may concern:

The enclosed documents constitute a formal submittal and application for a Class II Permissive Change to the Xirrus Inc. XN4 802.11abgn Access Point Array pursuant to the following rules:

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

The device is considered a composite device as it falls under both DTS (15.247 2.4 GHz and 5.7 GHz bands) and NII (5150-5250 MHz, 5250 – 5350 MHz and 5470 – 5725 MHz) classifications. The proposed change only affects the NII aspect of operation and is to add operation in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. The original certification under “NII” covered only the 5150 – 5250 MHz band.

The test report submitted with this application covers all three operating NII bands (i.e. contains the original test data for the 5150 – 5250MHz bands and the new data for the 5250 – 5350 MHz and 5470 – 5725 MHz bands). In addition a DFS test report covering the DFS requirements for the 5250 – 5350 MHz and 5470 – 5725 MHz bands is included, along with an expedite request based on the similarities in both hard-ware and software between this device and other, previously approved, Xirrus devices.

Supporting documentation for the Block Diagram and Operational Description is also being provided to cover the new bands of operation. All other aspects of the device’s operation and construction remain as described in the original documents submitted at the time of the original approval.

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,

A handwritten signature in black ink that reads "Mark Briggs".

Mark Briggs
Staff Engineer

MB/dmg