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Federal Communications Commission

RE: FCC application for FCC ID: LDK102095

To whom it may concern:

The enclosed documents constitute a formal submittal and application for Equipment Authorization for an IEEE 802.11abgn/ac access point pursuant to the following rules:

Subpart C of Part 15 of FCC Rules (CFR 47), Intentional Radiators  
Subpart E of Part 15 of FCC Rules (CFR 47), UNII Devices

The application is seeking approval for the UNII1 and UNII3 bands using the “new” FCC UNII rules, and using the “old” UNII rules for both UNII2 bands.

Note, the device in question is an indoor dual radio access point with a 2.4GHz 2x2 radio supporting, 11b, 11g, and 11n (20MHz only), and a 5GHz (4x4) radio supporting 11a, 11n (20 and 40MHz), and 11ac (20/40/80MHz). Simultaneous operation is supported.

The device operates as a DFS master device.

The approval is for a Software Defined Radio.

National Technical Systems – Silicon Valley, 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 National Technical Systems – Silicon Valley for assistance.

Sincerely,

Mark Hill  
Staff Engineer