



Jim Nicholson
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 Cisco Systems, Inc.
 4125 Highlander Parkway
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November 25, 2013

Re: FCC ID: LDK102091

Applicant: Cisco Systems Inc

Date of Original E-mail: 11/25/2013

Please apply the "DFS Expedited Review process" for this device based on the following criteria:

| Expedited Review Checklist | Previous FCC ID: LDK102087 | New Application FCC ID: LDK102091 |
|--|--|--|
| Technology: | 802.11n / ac | 802.11n / ac |
| Test labs used by this and previous report | Cisco Systems | Cisco Systems |
| Differences between the products such as TX power, modulation, receivers, processing circuitry, etc. | Supports 4 Tx / 4 Rx paths, 17dBm Tx power per path | Supports 4 Tx / 4 Rx paths, 17dBm Tx power per path. |
| Differences / similarities in DFS functioning, circuitry, software, etc. | Uses Marvel chipset and Cisco Systems "Clean Air" algorithm for DFS radar detection. DFS detection is controlled completely by the Cisco SaGE engine (the Cisco IP pulse processing and detection engine) embedded in the Marvel chip. | Uses Marvel chipset and Cisco Systems "Clean Air" algorithm for DFS radar detection. DFS detection is controlled completely by the Cisco SaGE engine (the Cisco IP pulse processing and detection engine) embedded in the Marvel chip. This engine is identical to the SaGE engine used in LDK102087 |
| Antenna information and differences for the minimum gain antennas | Supports 2-6 dBi antennas | Supports 2-6 dBi antennas |
| Bandwidth information and differences | Supports 20, 40 and 80MHz bandwidths | Supports 20,40 and 80MHz bandwidths |

Best Regards,

Jim Nicholson
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