



Cisco Systems, Inc  
170 West Tasman Drive  
San Jose, CA 95134

Dec 2, 2019

Dear FCC Examiner,

We are applying for FCC Limited Modular Approval (LMA) of a 2.4&5GHz WiFi Access Point under the FCC ID: LDKESW6300.

This electrical identical AP has been certified as end-product under FCC-ID: LDK102103 on 12/09/2016.

Due to documented equality we intend to leverage test results from the the following test reports as filed for the initial approval under FCC-ID: LDK102103:

#EDCS-11386281, 20-August-16 (DFS test report);

#EDCS- 11386277, (MPE report);

We confirm that the leveraged test results from the above reports are representative for the same radio being part of the new LMA.

All conducted measurement has been repeated with the original radio, as approved under FCC-ID: LDK102103, being part of a new host design.

The reason for this request is because the LDK102103 was granted as a system and Cisco intends to separate just the radio from LDK102103 to be used as a module in three different new Cisco products. The three new products are identical to each other except for how they are powered, AC, DC, and wide range DC.

In this case, the radio from LDK102103 is the same Cisco part number and same firmware as what we will use with LDKESW6300. There are no radio module changes to the hardware, the same software runs on both of these IDs, they both use the same power table (this is an SDR), and the supported antenna table is identical.

We are applying for expedited DFS review due to the confirmed and documented equality of the initial end-product approval and the LMA in all relevant parts including antennas and gains.

Conducted Reports:

The new product that directly re-uses the radio portion from LDK102103 breaks the reports up by UNII bands and by whether the internal or the external antennas are being tested.

In this case, "external" these are the physically located outer antennas and the "internal:" are the ones physically located to the center of the bottom of the chassis.

The next page provides pictures with descriptions. Please note that actually all antennas are external and there are no internal (inside the device) antennas.

Here is the picture of the radio module that we are requesting LMA grant under FCC ID: LDKESW6300:



Here is the picture of the radio module with the antenna descriptions that are described in the conducted measurement reports:

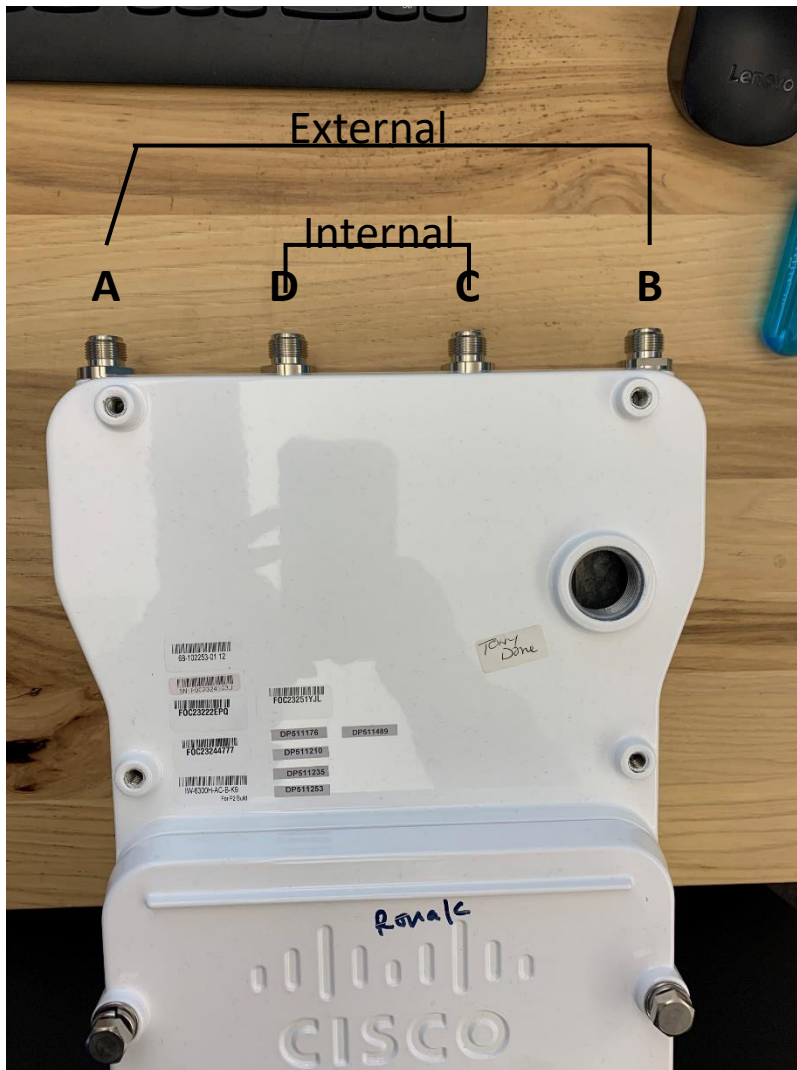
This is the module that we are working on the LMA for.



Here are the pictures covering how these antenna ports are connected from this module to the outside of our new product. Note the descriptions for “internal” and “external.”

A, B = “External” (the outside ones)

C, D = “Internal” (the inner two)



For any further questions, please feel free to contact me per below given phone number or email.

Sincerely yours,

A handwritten signature in cursive script that reads "Adam Walb".

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Adam Walb / Manager, Compliance

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