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RE FCC ID: LDK9KG80001

To the certification reviewer:

We are hereby applying for limited modular approval of the above-referenced FCC ID, based on compliance with all of the criteria as detailed below.

Sincerely,

Robert Lyall
Regulatory Compliance Technical Leader
Cisco Systems, Inc.

Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212

Requirement per 15.212	reference
(i) The radio elements of the modular transmitter must have their own RF shielding.	The module itself is not shielded. Shielding is provided by a ground plane on the printed wiring board.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	The input to this module is 8 MHz SPI.
(iii) The modular transmitter must have its own power supply regulation.	The power supply circuitry in the set-top product using the module provides power and regulation to the module.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The antenna is permanently attached to the module located inside the set-top product that uses it.
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters.	The module was tested in a stand-alone configuration in the chamber, with the set-top that controls and powers it being outside the chamber.

<p>(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.</p>	<p>The FCC ID for the module is displayed on the set-top product that uses it and on the module itself.</p>
<p>(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.</p>	<p>The module complies fully with the operating requirements of Part 15 section 15.249 as demonstrated in the test report exhibit.</p>
<p>(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p>	<p>This module operates under Part 15 section 249, which is exempt from RF exposure evaluation owing to the very low operating power:</p>