

October 22, 2014

Marlene H. Dortch
Secretary
Federal Communications Commission
445 Twelfth Street, SW
Washington, DC 20554

Re: *Revision of Part 15 of the Commission's Rules to Permit Unlicensed National Information Infrastructure (U-NII) Devices in the 5 GHz Band*
(ET Docket No. 13-49) – NOTICE OF ORAL EX PARTE
PRESENTATION

Dear Ms. Dortch:

I am writing pursuant to Section 1.1206(b)(2) of the Commission's Rules to notify the Commission that yesterday, Jennifer Manner of EchoStar Technologies L.L.C. ("EchoStar") and the undersigned met with Julius Knapp, Bruce Romano, Karen Rackley and Aole Wilkins of the Commission's Office of Engineering and Technology to discuss EchoStar's pending petition for reconsideration of the *First Report and Order* in this proceeding.

EchoStar's petition seeks clarification that fixed indoor devices that are not access points can operate at the same U-NII-1 power levels as indoor access points. EchoStar described the set-top boxes it developed, which integrate Wi-Fi technologies to facilitate the distribution of video programming and information within a customer's location. For example, it discussed a set-top box that can be connected to the internet through a customer's Wi-Fi network and then used by the customer to select from among programming delivered via satellite and streaming services delivered via the Internet. By using Wi-Fi in this manner, programming and data can be relayed throughout a subscriber's premises without hardwired connections between the set-top box and the access point.

EchoStar noted that the 250 mW power level allowed for portable and mobile devices in the U-NII-1 band is inadequate to provide a satisfactory consumer experience in premises where there may be a variety of walls, doors and other signal attenuators between the consumer's access point and his or her preferred location for a video monitor. EchoStar also pointed out that its petition is unopposed, and that several parties (including Cisco Systems Inc., the National

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Cable & Telecommunications Association, the Telecommunications Industry Association and Motorola Solutions, Inc.) supported the requested clarification.

Pursuant to Sections 1.1206(b)(2) and 1.49(f) of the Commission's Rules, this letter is being filed electronically with the Commission via the Electronic Comment Filing System. Should you have any questions regarding this presentation, please contact the undersigned.

Respectfully submitted,



Paul J. Sinderbrand
Counsel to the Cisco Systems, Inc.

cc: Julius Knapp
Bruce Romano
Karen Rackley
Aole Wilkins
Jennifer Manner