

September 21, 2017

Ex Parte

Marlene Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Amendment of Part 15 of the Commission's Rules for Unlicensed White Space Devices; Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions; Amendment of Part 15 of the Commission's Rules for Unlicensed Operations in the Television Bands, Repurposed 600 MHz Band, 600 MHz Guard Bands and Duplex Gap, and Channel 37, and Amendment of Part 74 of the Commission's Rules for Low Power Auxiliary Stations in the Repurposed 600 MHz Band and 600 MHz Duplex Gap, Amendment of Parts 15, 73 and 74 of the Commission's Rules to Provide for the Preservation of One Vacant Channel in the UHF Television Band For Use By White Space Devices and Wireless Microphones, ET Docket No. 16-56, GN Docket No. 12-268, ET Docket No. 14-165, MB Docket No. 15-146

Dear Ms. Dortch:

On September 21, 2017, Brad Smith, President and Chief Legal Officer of Microsoft Corporation, and Paula Boyd, Senior Director, U.S. Government and Regulatory Affairs for Microsoft, spoke via telephone with Commissioner Brendan Carr. Mr. Smith discussed Microsoft's Rural Airband initiative and the need for three White Spaces channels in each market.

On September 19, Ms. Boyd and Michael Daum, Director of Technology Policy for Microsoft, and I met with Alison Nemeth, Legal Advisor to Chairman Ajit Pai; Holly Saurer, Legal Advisor to Commissioner Rosenworcel; and Hugh Van Tuyl, Jamison Prime, Matthew Hussey, and Karen Rackley, all of the Office of Engineering and Technology ("OET"), regarding various issues related to White Spaces technologies. Specifically, we discussed the process for testing the operation of White Spaces devices on channel 37, the need to preserve the professional installation option for fixed White Spaces facilities, the impact of various emission masks on the repack of the television band after the incentive auction, and the negative impact of a "push" notification requirement for database updates on consumer devices.¹ In the meeting with OET staff, we also requested that the FCC consider clarifying the application of its transmitter height restriction rules as they relate to fixed White Spaces radios operating indoors in buildings.

¹ See Comments of Microsoft Corp., ET Docket No. 16-56 (filed May 6, 2016); Petition for Reconsideration and Clarification of Microsoft Corp., ET Docket No. 14-165, GN Docket No. 12-268 (filed Dec. 23, 2015).

Pursuant to the FCC's rules, we have filed a copy of this notice electronically in the above-referenced dockets. If you require any additional information, please contact the undersigned.

Sincerely,



Paul Margie
Counsel to Microsoft Corporation

cc: meeting participants