

December 15, 2017

**Ex Parte**

Marlene Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street SW  
Washington, DC 20554

*Re: Amendment of Part 15 of the Commission's Rules for Unlicensed White Space Devices; 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, ET Docket No. 14-165, MB Docket No. 15-146*

Dear Ms. Dortch:

On December 13, Paula Boyd and Michael Daum of Microsoft, Robert McDowell of Cooley LLP, and I met with Julius Knapp, Rashmi Doshi (via telephone), Martin Doczkat, Matthew Hussey, Paul Murray, and Hugh VanTuyl, all of the Office of Engineering and Technology. We requested that the Commission resolve a set of White Spaces issues discussed in Petitions for Reconsideration. Specifically, Microsoft requested the Commission maintain its existing rules regarding the size of exclusion zones necessary to protect facilities utilizing Wireless Medical Telemetry Service systems operating in Channel 37 from potential harmful interference from 40 mW TVWS devices, permit fixed TVWS antenna heights of up to 100 meters above ground level to support rural operations, permit power levels of up to 16 Watts in rural areas, and rationalize the differences in rules between 40 mW fixed and 40 mW personal/portable devices.

Pursuant to the FCC's rules, I 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