

July 16, 2018

Ex Parte

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

Re: ET Docket No. 16-56, ET Docket No. 14-165, GN Docket No. 14-166, GN Docket No. 12-268, GN Docket No. 16-142, RM-11745, MB Docket No. 15-146, MB Docket 16-306

Dear Ms. Dortch:

On July 12, 2018, Paula Boyd and Michael Daum of Microsoft Corporation; Robert McDowell of Cooley LLP; and I met with Julius Knapp, Matthew Hussey, Paul Murray, and Hugh Van Tuyl of the Office of Engineering and Technology. We requested that the FCC rule on pending petitions for reconsideration related to white spaces technologies. Specifically, we requested that the Commission affirm its exclusion-zone rules for channel 37, affirm the current requirement to input geographic coordinates of WMTS facilities, and recognize that low-power 40 mW WSDs do not pose a real-world harmful interference concern under the current rules. We also recommended that the FCC replace its current database “push” notification rule with a rule establishing a fast-polling channel and permit placement of fixed devices on facilities with higher elevations.

Furthermore, we discussed how Microsoft’s white spaces experimental licenses, including the geographically limited use of white spaces technologies to provide broadband on buses in rural Michigan, point the way to effective use of the band to serve rural communities, and that white spaces technologies could support innovative Internet of Things applications. We requested that the FCC complete the database accuracy proceeding, conclude the ATSC 3.0 proceeding consistent with Microsoft’s comments in that proceeding, and not expand the class of unlicensed wireless microphone users that can exclude broadband consumers from white spaces.

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