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September 11, 2017

***VIA ELECTRONIC FILING***

Ms. Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

**Re: *Ex Parte Notification***

*Use of Spectrum Bands above 24 GHz for Mobile Radio Services, GN Docket No. 14-177;  
IB Docket Nos. 15-256 & 97-95; RM-11664; WT Docket No. 10-112;*

*In the Matter of Expanding the Economic and Innovation Opportunities of Spectrum  
Through Incentive Auctions, GN Docket No. 12-268;*

*Amendment of the Commission's Rules with Regard to Commercial Operations in the  
3550-3650 MHz Band, GN Docket 12-354;*

Dear Ms. Dortch:

On September 7, 2017, T-Mobile USA, Inc. ("T-Mobile")<sup>1</sup> representative Steve Sharkey, along with the undersigned, met with Commissioner Brendan Carr's Acting Legal Advisor Kevin Holmes.

During the meeting, we provided a general update on T-Mobile's latest Un-carrier moves and network deployment. We also explained how the 600 MHz auction is a huge win for consumers and for T-Mobile which has already begun deploying the spectrum in certain markets and has expansion plans in many others. In this regard, we explained the importance of holding broadcasters to the 39-month timeframe set forth in the rules, and explained that T-Mobile is working cooperatively with the broadcasting community to ensure there are sufficient resources available for a successful transition.

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<sup>1</sup> T-Mobile USA, Inc. is a wholly-owned subsidiary of T-Mobile US, Inc., a publicly traded company.

We also stated the importance of having sufficient spectrum in the low, mid and high bands to support competitive 5G deployments. We noted that the existing 3.5 GHz framework should be revised because the current structure will not drive investment and doesn't align with international use of the band for 5G. We explained that the 3.5 GHz spectrum is a core band for 5G deployment around the world and that the U.S. will miss a huge opportunity if it doesn't create a structure aligned with global 5G requirements.

Finally, we urged the Commission to ensure there is an adequate supply of licensed millimeter wave ("mmW") spectrum. In this regard, we recommended that they make more licensed spectrum available as part of the Spectrum Frontiers proceeding.

Pursuant to Section 1.1206(b)(2) of the Commission's rules, an electronic copy of this letter is being filed in the above-referenced dockets. Please direct any questions regarding this filing to me.

Respectfully submitted,

/s/ Cathleen A. Massey

Cathleen A. Massey

Vice President

Federal Regulatory Affairs

cc: Kevin Holmes