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June 29, 2018

***VIA ELECTRONIC FILING***

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

**Re:   *Notice of Oral Ex Parte Communication***

**GN Docket No. 17-183**, *Expanding Flexible Use in Mid-Band Spectrum Between 3.7 and 24 GHz; and*

**GN Docket No. 18-122**, *Expanding Flexible Use of the 3.7 GHz to 4.2 GHz Band.*

Dear Ms. Dortch:

On June 27, 2018, I spoke with Becky Schwartz of the Wireless Telecommunications Bureau regarding the above-referenced proceedings.

T-Mobile USA, Inc. (“T-Mobile”)<sup>1/</sup> appreciates the Commission’s continued efforts to make mid-band spectrum available for terrestrial wireless use. The 3.7-4.2 GHz band presents the Commission with an important opportunity to ensure that the U.S. remains at the forefront of fifth generation wireless development. That is why T-Mobile supports the Commission’s adoption of the Order and Notice of Proposed Rulemaking (“Order and NPRM”) released in draft on June 21, 2018.<sup>2/</sup> The Order and NPRM will allow, among other things, the Commission to seek input on the current uses of the 3.7-4.2 GHz band and how the spectrum can be made available for next generation wireless services. In evaluating the current uses of the band, the Commission will be required to consider how existing users can be transitioned to other facilities and services. T-Mobile submitted an *ex parte* letter relevant to this issue – showing that current C-band satellite uses can be accommodated by alternative facilities, allowing the 3.7-4.2 GHz band to be cleared for terrestrial wireless use.<sup>3/</sup> In many cases, incumbent satellite earth station

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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.

<sup>2/</sup> *Expanding Flexible Use of the 3.7-4.2 GHz Band, et al.*, Draft Order and Notice of Proposed Rulemaking, GN Docket No. 18-122, *et al.*, FCC-CIRC1807-01 (rel. June 21, 2018).

<sup>3/</sup> T-Mobile USA, Inc., Notice of *Ex Parte*, GN Docket Nos. 17-183, 18-122 (filed June 15, 2018) (“*T-Mobile June 15, 2018 Ex Parte Letter*”).

facilities can be relocated away from urban areas with backhauling accomplished by fiber, which is heavily deployed throughout the country. I urged that the Commission seek comment on the methodologies and conclusions presented in the *T-Mobile June 15, 2018 Ex Parte Letter* in order to more fully develop the record on this important matter.<sup>4/</sup>

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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 and a copy provided to each member of the Commission's staff with whom I spoke. Please direct any questions regarding this filing to me.

Respectfully submitted,

/s/ Steve B. Sharkey

Steve B. Sharkey  
Vice President, Government Affairs  
Technology and Engineering Policy

cc: Becky Schwartz

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<sup>4/</sup> The draft Order and NPRM already notes the other major component of the *T-Mobile June 15, 2018 Ex Parte Letter* – the use of an alternative auction methodology to license the 3.7-4.2 GHz band for mobile wireless services. Draft Order and NPRM at ¶¶ 107-110. T-Mobile looks forward to interested parties' feedback on its proposal.