

From: Colleen King

To: Behnam Ghaffari

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Subject: FCC File No. 0774-EX-ST-2018

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Message:

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Thank you for your inquiry regarding the number of devices to be used in our proposed testing. The number of devices is largely driven by the operational environment Charter intends to trial, that of an Enterprise Campus deployment of private LTE. As such, much like Enterprise WiFi, the 100 base stations will be overwhelmingly (95%) comprised of indoor Cat A devices, deployed in Charter occupied buildings, whose already low emissions should barely penetrate the building exteriors, and therefore contribute nearly nothing to the aggregate noise floor outdoors.

Additionally, the End User Devices (EUDs), also already limited on power, while mobile, will also be primarily operated indoors, and only at limited specific deliberate test periods will be operated concurrently in an attempt to evaluate the network's response to loading. Normally, as in a real world deployment, each EUD will transfer data in bursts, versus streams, further limiting aggregate noise.

These end user devices will be operated by Charter employees during working hours, so Charter will be monitoring all use and any interference concerns at all times during the testing. In this carefully controlled environment, Charter seeks to test how these devices will operate under real world situations.

Please let us know if you need any additional information.