

**T-Mobile License, LLC
Experimental License Application
File No. 0767-EX-CN-2019**

Narrative Statement

By this application, T-Mobile License, LLC seeks an experimental license so that it and its affiliate, T-Mobile, USA, Inc. (“T-Mobile”), may continue experiments related to the 2500-2670 MHz (“2.5 GHz”) band.

A. Purpose of Operation and Need for Experimental License:

T-Mobile seeks an experimental authorization in order to work with vendors and test experimental equipment in the 2.5 GHz band. The experimental authorization will allow T-Mobile to understand the propagation characteristics and gain a better understanding of the new, innovative services that this band can offer.

The experiments contemplated by this application have already been underway for several months pursuant to an experimental Special Temporary Authority (“STA”) issued to T-Mobile under call sign WO9XGW.^{1/} Under the STA, T-Mobile has been conducting experiments from five fixed locations in Washington and Utah (with 10 mobile devices around each fixed location) using prototype equipment from a number of manufacturers. The experiments have occurred in both indoor and outdoor locations in places where the 2.5 GHz band is unlicensed. Based on the results of its experiments in the 2.5 GHz band, T-Mobile wishes to continue and expand on its efforts and requires an experimental authorization to gain access to this spectrum for these tests.

B. Protection Against Causing Interference:

T-Mobile has established a point of contact identified below with “kill switch” authority should any interference occur to primary licensed services:

Chris Wieczorek
T-Mobile USA, Inc.
601 Pennsylvania Ave., NW
Washington, DC 20004
202-654-5913
chris.wieczorek@t-mobile.com

Should interference occur, T-Mobile will take immediate steps to resolve the interference, including, if necessary, arranging for the discontinuance of operation.

C. Public Interest:

^{1/} See Call Sign WO9XGW, File No. 0453-EX-ST-2019, granted Apr. 8, 2019.

Grant of the instant application is in the public interest because it will allow T-Mobile to further develop its plans for use of this spectrum in the future, including ongoing efforts to deploy a nationwide 2.5 GHz network, and provide innovative equipment and services to consumers.

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Nature of Applicant

T-Mobile License, LLC is a limited liability company.