VIA CERTIFIED MAIL & EMAIL

2/1/2019

UNIVERSITY OF NORTH CAROLINA
PO Box 14900
Research Triangle Park, NC 27709-4900

RE: Notification of Intent to Begin 600MHz Operations

Dear W42DF-D Licensee/ Facility ID: 168590:

T-Mobile USA, Inc. ("T-Mobile") is notifying you that T-Mobile is preparing to commence operations on its 600MHz spectrum in the Partial Economic Area ("PEA") # 115 by 10/19/2019 and your station is likely to cause harmful interference to T-Mobile's operations.

To determine if your station(s) is likely to cause interference, an interference analysis has been performed, as specified by the Federal Communications Commissions' ("FCC") Inter-service Interference procedures[19], using publicly available information in the FCC's Licensing and Management System ("LMS") for your facility. This analysis predicts field strength at T-Mobile's base station and user equipment locations in the PEA # 115 market from your facility. The FCC has set the thresholds at which the predicted field strength from low power TV and translator stations creates a sufficient interference risk to wireless facilities. T-Mobile has determined that your facility exceeds those thresholds and is an interference risk to its wireless operations.

T-Mobile will commence its operations in the PEA # 115 market on 10/19/2019. This letter provides the 120 days' advance notification required by FCC regulations, 47 CFR §73.3700(g)(4). The FCC regulations also require you to cease operations or eliminate the potential for harmful interference to T-Mobile's wireless facilities in the PEA # 115 market.

The FCC will work with you to attempt find a new television channel outside of the new 600 MHz mobile band that will not interfere with T-Mobile's network. You should review the FCC's Tools Available to LPTV/Translator Station Public Notice (enclosed) released on June 14, 2017 and contact Hossein Hashemzadeh, Melvin Collins, or Barbara Kreisman at the FCC for more information about the options available in your area.[20]

Please email SpectrumClearing@T-Mobile.com once you have determined when you will eliminate the interference. If you would like additional information regarding our findings or if it might be possible to coordinate our operations, please submit a request to Dan Wilson, Sr. Manager, Spectrum Engineering, at SpectrumClearing@T-Mobile.com.

Sincerely,
/s/ Mark Bishop
Sr. Manager, Spectrum Engineering, T-Mobile USA, Inc.

[19] *See* 30 FCC Rcd 12049, 12071, para. 49 (2015)
[20] *See* https://www.fcc.gov/document/iatf-mb-set-forth-tools-available-lptvtranslator-stations

T-Mobile USA, Inc. 3617 131st Ave SE, Bellevue, Washington 98006