

**SPECIAL TEMPORARY AUTHORITY TO OPERATE ON A NEW CORE TELEVISION CHANNEL**

**Television Translator Station K42FX-D Facility ID 130381**

**FCC Application File Number 00000 29527**

Eastern New Mexico University (ENMU), licensee of television translator broadcast station K42FX-D, has been notified by T-Mobile that broadcast operations on channel 42 must be terminated no later than November 11, 2017. The T-Mobile "Notification of Intent to begin 600MHz Operations" is attached to this document.

ENMU must therefore obtain an alternate displacement channel to install and operate new equipment as soon as possible.

In accordance with Public Notice DA17-584 ". . . TOOLS AVAILABLE TO LPTV/TRANSLATOR STATIONS . . ." ENMU is requesting Special Temporary Authority to operate on channel 24 in the new core television broadcast spectrum.



**VIA CERTIFIED MAIL & EMAIL**

July 24, 2017

EASTERN NEW MEXICO UNIVERSITY  
52 Broadcast Ctr  
Portales, NM 88130

RE: Notification of Intent to Begin 600MHz Operations

Dear K42FX-D/ Facility ID:130381 Licensee:

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") # 259 by 11/27/2017 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<sup>213</sup>, 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 # 259 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 # 259 market on 11/27/2017. 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 # 259 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.<sup>214</sup>

Please email [600MhzFC@T-Mobile.com](mailto:600MhzFC@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

<sup>213</sup> See 30 FCC Rcd 12049, 12071, para. 49 (2015)

<sup>214</sup> See <https://www.fcc.gov/document/iatf-mb-set-forth-tools-available-lptvtranslator-stations>