

FEDERAL COMMUNICATIONS COMMISSION

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Wilks License Company – Lubbock, LLC
6470 E Johns Crossing
Ste 450
Duluth, GA 30097

In re: Wilks License Company – Lubbock, LLC
KBTE(FM), Tulia, TX
Facility I.D. No.: 1302
Request for confirmation of compliance with
47 C.F.R. § 73.1125


Dear Licensee:

This refers to your attorney's letter requesting confirmation that the main studio location of KBTE, Lubbock, TX, complies with 47 C.F.R. § 73.1125. The letter included a supplemental showing of technical statements and studies which use an alternate propagation methodology to demonstrate that the main studio location is within the 70 dBu field strength contour for the facilities specified by KBTE's license BMLH-20051013AAC as required by 47 C.F.R. § 73.1125. The main studio is located at 33 Briercroft Office Park, Lubbock, TX (27° 33' 32" N.L., 101° 51' 01" W.L.).

The engineering study which KBTE submitted calculated the desired field strength contours using the Institute of Telecommunication Sciences Irregular Terrain Model, also known as the "Longley-Rice" model permitted by 47 C.F.R. § 73.313(e) and (f). Your study indicates that the 33 Briercroft Office Park location lies within the 70 dBu contour as defined using the Longley-Rice prediction methodology. Furthermore, the exhibit demonstrates that the distance to KBTE's authorized 70 dBu field strength contour exceeds the distance to the 70 dBu field strength contour as calculated using the F(50,50) propagation curves by approximately 34% along the azimuth from KBTE's transmitter location in the direction of the proposed main studio.¹ Therefore, your engineering showing was referred to the Commission's Office of Engineering and Technology (OET) for a detailed propagation analysis.

By way of a Memorandum dated June 18, 2012, the OET confirmed that the main studio location is encompassed by the 70 dBu field strength contour of the facilities specified in KBTE's license. Accordingly, we find that KBTE's main studio location would be in compliance with 47 C.F.R. § 73.1125.

Sincerely,



Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

cc: Christine Reilly

¹ By policy, the extension must be 10 % or more for referral to OET for analysis.