

FEDERAL COMMUNICATIONS COMMISSION

445 12th STREET SW
WASHINGTON DC 20554

OCT 15 2012

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio

PROCESSING ENGINEER: Tung Bui
TELEPHONE: (202) 418-2722
FACSIMILE: (202) 418-1410
MAIL STOP: 1800B3
INTERNET ADDRESS: tung.bui@fcc.gov

Capstar TX LLC
2625 S. Memorial Drive, Suite A
Tulsa, OK 74129

In re: KIGL(FM), Seligman, MO
Facility I.D. No.: 35014
Capstar TX LLC
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 KIGL, Seligman, MO, complies with 47 C.F.R. § 73.1125. The letter included a supplemental showing containing 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 KIGL's license BLH-19940601KB, as required by 47 C.F.R. § 73.1125. The main studio is located at 2049 East Joyce Boulevard, Fayetteville, AR 72703. (36° 07' 12" N.L., 94° 07' 53" W.L.).

The engineering study which KIGL submitted calculated the desired field strength contours using the Institute of Telecommunications 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 2049 East Joyce Boulevard location lies within the 70 dBu contour as defined using the Longley-Rice prediction methodology. Furthermore, the exhibit demonstrates that the distance to KIGL'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 93% along the azimuth from KIGL'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 September 6, 2012, the OET confirmed that the main studio location is encompassed by the 70 dBu field strength contour of the facilities specified in KIGL's license. Accordingly, we find that KIGL'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: Marissa G. Repp, Esq.

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