

**FEDERAL COMMUNICATIONS COMMISSION**

**445 12<sup>th</sup> STREET SW  
WASHINGTON DC 20554**

OCT 08 2004

**MEDIA BUREAU  
OFFICE OF BROADCAST LICENSE POLICY  
AUDIO DIVISION  
APPLICATION STATUS: (202) 418-2730  
HOME PAGE: [www.fcc.gov/mb/audio/](http://www.fcc.gov/mb/audio/)**

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Desert West Air Ranchers Corporation  
P. O. Box 11060  
Jackson, WY 93002

In re: KFMR(FM), Sun City West, AZ  
Desert West Air Ranchers Corp.  
Request for confirmation of  
compliance with 47 C.F.R.  
§ 73.1125

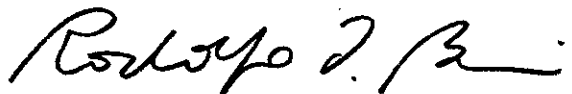
Dear Licensee:

This refers to your attorney's letter requesting confirmation that KFMR's proposed main studio complies with 47 C.F.R. § 73.1125. The letter included a supplemental showing of technical statements and studies which use an alternate contour prediction methodology to demonstrate that the proposed main studio location is within the 70 dBu field strength contour for the facilities specified by KFMR(FM)'s license BLH-20030925AZN, as required by 47 C.F.R. § 73.1125. The proposed main studio is located at 1201 South Alma School Road, Suite 7550, Mesa, AZ (33° 23' 25" NL, 111° 51' 16" WL).

The engineering study which KFMR 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 the distance to KFMR'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 138% along the azimuth from KFMR's transmitter location in the direction of the proposed main studio. 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 28, 2004, the OET confirmed that the proposed main studio location is encompassed by the 70 dBu field strength contour of the facilities specified in KFMR's license. Accordingly, we find that KFMR's proposed 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: Susan A. Marshall, Esq.