

**DELAWDER COMMUNICATIONS, INC.**

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**ENGINEERING REPORT**

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**Farmington, NM, Channel 292D FM Translator Application**

**ENGINEERING STATEMENT**

Winton Road Broadcasting Co., LLC (“Applicant”) submits this long-form application filing its pending 1983 short-form application for a new FM translator station at Farmington, NM. The pending application file number is BNPFT-20030312AIQ.

This filing does not make any technical changes to the short-form facilities.

*LPFM Preclusion Study Results for the herein proposed facility are provided in the separate Exhibit 1 (Section 1, Question 5 of the FCC Form 349, as directed by the FCC).*

**CHANNEL STUDY**

Attached as Figure EE1 is a channel study for the proposed channel 292D facility. All required protections are met by contour non-overlap pursuant to Section 74.1204.

**CONTOUR OVERLAP SHOWING**

No detailed study is required due to contour non-overlap clearance as listed in Figure EE1 for each protected facility. The service and interference contour distances that are listed on Figure EE1 use the worst-case (greatest) distance along any bearing for each facility, and also considers each protected station as omni-directional. No contour overlap using this worst-case test means no possible contour overlap when applying Section 73.313 methodology. (Also, see note for Farmington 294D facility regarding protection to and from this station.)

**MEXICAN PROTECTION**

The proposed site is located more than 116.3 kilometers from the border; therefore, no ERP restrictions are required of the proposed US FM translator facility.

**SECTION 74.1204 CHANNEL STUDY**

**PROJECT: FARMINGTON, NM, 292D FROM PROPOSED SITE**

**STUDY COORDINATES: N 36-41-45.0; W 108-13-23.0 (N D-M-S; W D-M-S)**

Call Docket	Channel FacilityID	Class Service	Frequency ERP	Status DA?	City HAAT	State RCAMSL	Country RCAGL	File Number
Latitude	Longitude			ASRN	Dist (km)	Dist (mi)	Azimuth	
Licensee/Permittee								

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K292AX 292 D FX 106.3 MHz LIC CORTEZ CO US BLFT-19820727IC  
 - 47097 0.043 kW DA 450. m 3101. m 0. m  
 N 37 21 37.00 W 108 8 57.00 - 74.03 km 46.00 mi 5.05°  
 BEN F. STINSON, III  
**Protected Contour Dist: 24.7 km Prop 292D Interf Contour Dist: 47.0 km**  
**Result: 2.3 km CLEAR (WORST-CAST STUDY)**

NEW 292 D FX 106.3 MHz APP FARMINGTON NM US BNPFT-20030312AIQ  
 - 143099 0.095 kW 77.9 m 1794. m 27. m  
 N 36 41 45.00 W 108 13 23.00 1007187 0.00 km 0.00 mi 0.00°  
 WINTON ROAD BROADCASTING CO., LLC  
**NOTE: THIS IS THE AUCTION 83 APPLICATION THAT IS BEING COVERED BY THIS LONG-FORM APPLICATION**

NEW 294 D FX 106.7 MHz APP FARMINGTON NM US BNPFT-20030317IZC  
 - 155345 0.12 kW 0. m 1771. m 74. m  
 N 36 42 19.00 W 108 4 50.00 1224294 12.78 km 7.94 mi 85.23°  
 RADIO ASSIST MINISTRY, INC.  
**NOTE: THIS APPLICATION WAS AMENDED ON MAY 29, 2013 IN A MANNER THAT REMOVED 60 DBU F50,50 CONTOUR OVERLAP WITH BNPFT-20030312AIQ THUS MAKING IT AND THE APPLICANT'S 292D APPLICATIONS SINGLETONS. THIS STATION CONTINUES TO BE PROTECTED BY THE APPLICANT'S LONG-FORM APPLICATION (THAT DOES NOT SPECIFY CHANGED FACILITIES).**

Study Complete