

DELAWDER COMMUNICATIONS, INC.

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ENGINEERING REPORT

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.

AUGUST 6, 2013

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	
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-CASE 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