

DELAWDER COMMUNICATIONS, INC.

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ENGINEERING REPORT

Sanger, TX, Channel 225D FM Translator Application

ENGINEERING STATEMENT

Iglesia Evangelica Apostoles Y Profetas Nazareth, Inc. ("Applicant") submits this Long-form Application that covers its pending Auction 83 Short-form Application for a new FM translator station at Sanger, TX. The pending Short-form application file number is BNPFT-20030314AGC.

There are no tech box changes being made by this long-form application.

CHANNEL STUDY

Attached as Figure EE1 is a channel study for the proposed channel 225D 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.

SECTION 74.1204 CHANNEL STUDY

PROJECT: SANGER, TX, 225D FROM PROPOSED SITE

STUDY COORDINATES: N 33-24-52.0; W 97-11-32.0 (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								

KZPS 223 C FM 92.5 MHz LIC DALLAS TX US BMLH-20060907AAO
 - 6378 100. kW 508. m 698. m 453. m
 N 32 35 19.00 W 96 58 5.00 1045531 93.95 km 58.38 mi 167.11°
 AMFM TEXAS LICENSES LLC
Protected Contour Dist: 89.1 km Prop 225D Interf Contour Dist: <1.0 km
Result: >3.4 km CLEAR (WORST-CAST STUDY)

NEW 225 D FX 92.9 MHz APP SANGER TX US BNPFT-20030314AGC
 - 146564 0.25 kW 0. m 277. m 40. m
 N 33 24 52.00 W 97 11 32.00 1047192 0.00 km 0.00 mi 0.00°
 IGLESIA EVANGELICA APOSTOLES Y PROFETAS NAZARETH, INC,
NOTE: THIS IS THE AUCTION 83 SHORT-FORM APPLICATION THAT IS BEING COVERED BY THIS LONG-FORM APPLICATION

KMKT 226 C3 FM 93.1 MHz LIC BELLS TX US BLH-19970815KB
 - 77588 6.8 kW 191. m 379. m 178. m
 N 33 41 31.00 W 96 26 36.00 1019527 76.05 km 47.26 mi 65.82°
 NM LICENSING LLC
Protected Contour Dist: 41.6 km Prop 225D Interf Contour Dist: 18.3 km
Result: 16.1 km CLEAR (WORST-CAST STUDY)

KLIF-FM 227 C2 FM 93.3 MHz LIC HALTOM CITY TX US BLH-20010522AAR
 - 27299 50. kW DA 120. m 274. m 146. m
 N 32 46 44.00 W 96 55 22.00 1209110 74.84 km 46.50 mi 160.37°
 SUSQUEHANNA RADIO CORP.
Protected Contour Dist: 51.1 km Prop 225D Interf Contour Dist: <1.0 km
Result: 22.7 km CLEAR (WORST-CAST STUDY)

KLIF-FM 227 C2 FM 93.3 MHz CP HALTOM CITY TX US BPH-20130425ABE
 - 27299 16.5 kW DA 264. m 414. m 284. m
 N 32 46 48.00 W 96 48 13.00 1064625 79.16 km 49.19 mi 152.73°
 SUSQUEHANNA RADIO CORP.
Protected Contour Dist: 54.4 km Prop 225D Interf Contour Dist: <1.0 km
Result: 23.8 km CLEAR (WORST-CAST STUDY)

Study Complete