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ENGINEERING REPORT

Isla Vista, CA, Channel 281D FM Translator Application

ENGINEERING STATEMENT

Gold Coast Broadcasting, LLC ("Applicant") submits this Long-form Application that covers its pending Auction 83 Short-form Application for a new FM translator station at Isla Vista, CA. The pending application file number is BNPFT-20030317HEH.

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 281D facility. All required protections are met by contour non-overlap pursuant to Section 74.1204.

CONTOUR OVERLAP SHOWING

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.

Figures EE2 and EE2 (Magnified), attached, show non-overlap between the service and interference contours of BNPFT-20030317ENU (the pending Auction 83 application for Santa Barbara 280D) and the corresponding interference and service contours of the proposed channel 281D facility. All contours were determined pursuant to Section 73.313 of the FCC Rules using a USGS 30 arc-second terrain database at one-degree radial intervals.

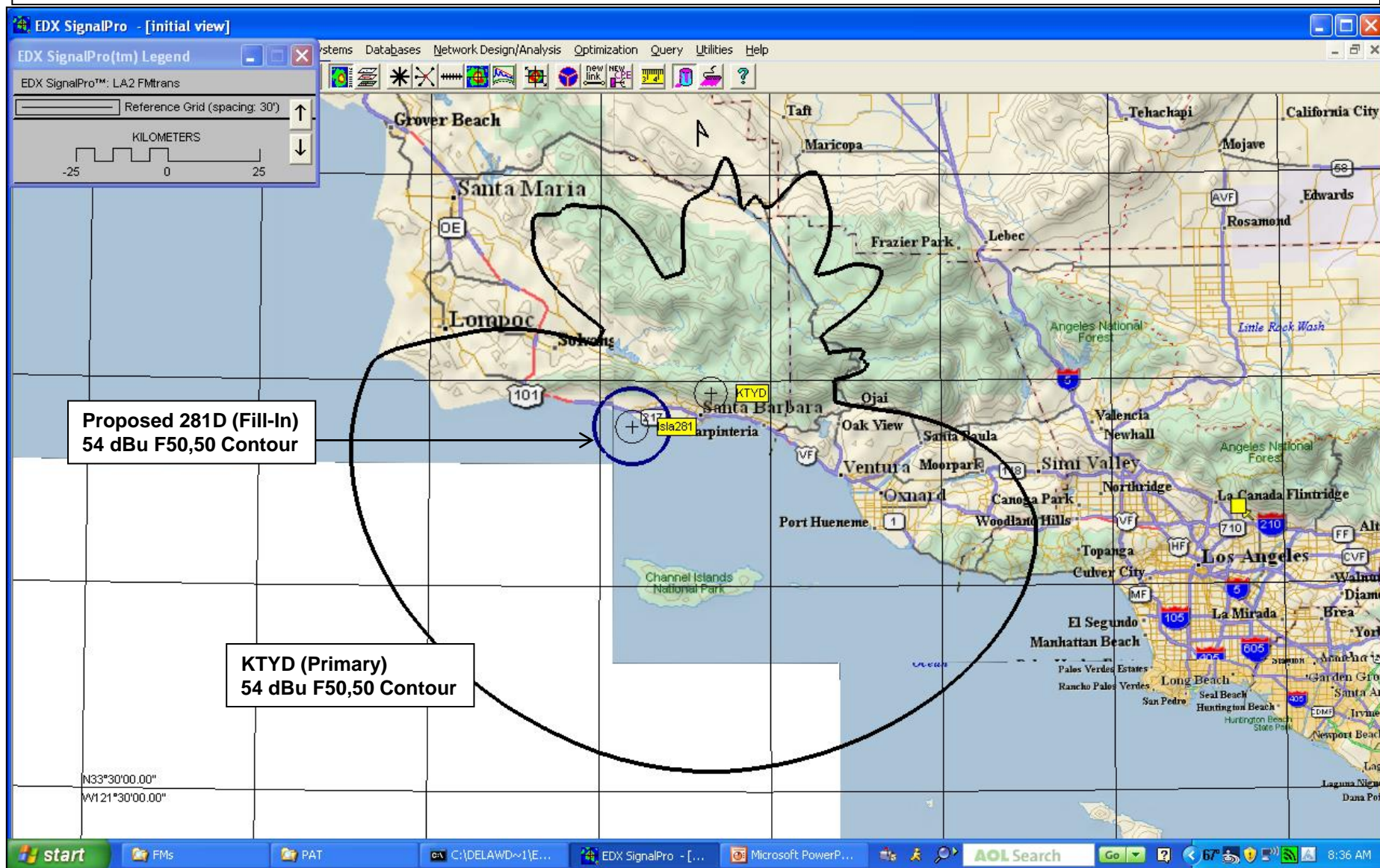
Figure EE3, attached, shows non-overlap between the service contour of KBOX and the interference contour of the proposed channel 281D facility. All contours were

determined pursuant to Section 73.313 of the FCC Rules using a USGS 30 arc-second terrain database at one-degree radial intervals.

MEXICAN PROTECTION

The proposed site is located more than 125 kilometers from the nearest point on the US-Mexican Border and the proposed 60 dBu F50,50 contour does not come within 116.3 kilometers of the US-Mexican Border. Therefore, no ERP restrictions are required of the proposed US FM translator facility.

FIGURE EEA
Isla Vista, CA, 281D Contour Fill-In Map



SECTION 74.1204 CHANNEL STUDY**PROJECT: ISLA VISTA, CA, 281D FROM PROPOSED SITE****STUDY COORDINATES: N 34-23-23.0; W 119-54-20.0 (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	

NEW 280 D FX 103.9 MHz APP SANTA BARBARA CA US BNPFT-20030317ENU
 - 148750 0.013 kW DA 0. m 124. m 14. m
 N 34 26 56.00 W 119 46 28.00 1053265 13.72 km 8.53 mi 61.28°
 EDUCATIONAL MEDIA FOUNDATION

NOTE: THIS IS THE SHORT-FORM APPLICATION THAT IS COVERED BY THE LONG-FORM APPLICATION BNPFT-20130806ABE (LISTED BELOW)

NEW 280 D FX 103.9 MHz APP SANTA BARBARA CA US BNPFT-20130806ABE
 - 148750 0.05 kW DA 0. m 120. m 10. m
 N 34 26 56.00 W 119 46 28.00 1053265 13.72 km 8.53 mi 61.28°
 EDUCATIONAL MEDIA FOUNDATION

Protected Contour Dist: 9.5 km Prop 281D Interf Contour Dist: 10.2 km
Result: -6.0 km SHORT (WORST-CAST STUDY); See Contour Non-overlap Showing
Interf Contour Dist: 13.2 km Prop 281D Service Contour Dist: 7.1 km
Result: -6.6 km SHORT (WORST-CAST STUDY); See Contour Non-overlap Showing

KBOX 281 B1 FM 104.1 MHz LIC LOMPOC CA US BLH-20070814AAD
 - 7049 3.3 kW 274. m 425. m 47. m
 N 34 44 30.00 W 120 26 45.00 - 63.11 km 39.21 mi 308.50°
 AGM CALIFORNIA, INC.

Protected Contour Dist: 49.6 km Prop 281D Interf Contour Dist: 28.7 km
Result: -15.2 km SHORT (WORST-CAST STUDY); See Contour Non-overlap Showing

NEW 281 D FX 104.1 MHz APP ISLA VISTA CA US BNPFT-20030317HEH
 - 156364 0.25 kW DA 0. m 27. m 27. m
 N 34 23 23.00 W 119 54 20.00 - 0.00 km 0.00 mi 0.00°
 GOLD COAST BROADCASTING LLC

NOTE: THIS IS THE AUCTION 83 SHORT-FORM APPLICATION THAT IS BEING COVERED BY THIS LONG-FORM APPLICATION

KCAQ 284 B FM 104.7 MHz LIC OXNARD CA US BLH-20080125AEG
 - 25092 4.5 kW 464. m 729.1 m 25. m
 N 34 19 49.00 W 119 1 24.00 1018563 81.43 km 50.60 mi 94.42°
 POINT FOUR LLC

Protected Contour Dist: 75.4 km Prop 281D Interf Contour Dist: <1.0 km
Result: 5.0 km SHORT (WORST-CAST STUDY)

KCAQ-FM6 284 D FB 104.7 MHz LIC SANTA BARBARA CA US BLFTB-20100826AFV
 - 178421 0.4 kW DA 0. m 727. m 11. m
 N 34 28 15.00 W 119 40 33.00 - 22.95 km 14.26 mi 66.76°
 POINT FOUR LLC

Protected Contour Dist: 53.2 km Prop 281D Interf Contour Dist: <1.0 km
Result: -31.3 km SHORT (WORST-CAST STUDY); ANY INTERFERENCE AREA IS LOCATED IN THE WATER OFF THE COAST SO NO ACTUAL INTERFERENCE WILL OCCUR.

SECTION 74.1204 CHANNEL STUDY**PROJECT: ISLA VISTA,CA, 281D FROM PROPOSED SITE****STUDY COORDINATES: N 34-23-23.0; W 119-54-20.0(N D-M-S; W D-M-S)**

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

KCAQ	284 B	FM	104.7 MHz	CP	OXNARD	CA	US	BPH-20110415ABA
-	25092		18. kW		252. m	899. m	24. m	
N 34 25 20.00	W 119 2 4.00	-			80.18 km	49.82 mi	87.16°	

POINT FOUR LLC

Protected Contour Dist: 94.6 km Prop 281D Interf Contour Dist: <1.0 km
Result: -15.4 km SHORT (WORST-CAST STUDY); ANY INTERFERENCE AREA IS LOCATED IN
THE WATER OFF THE COAST SO NO ACTUAL INTERFERENCE WILL OCCUR. (THE ACTUAL KCAQ-
CP 54 DBU F50,50 CONTOUR DOES NOT OVERLAP THE SITE.)

Study Complete

FIGURE EE2

Isla Vista, CA 281D Contour Non-Overlap Showing to Santa Barbara 280D

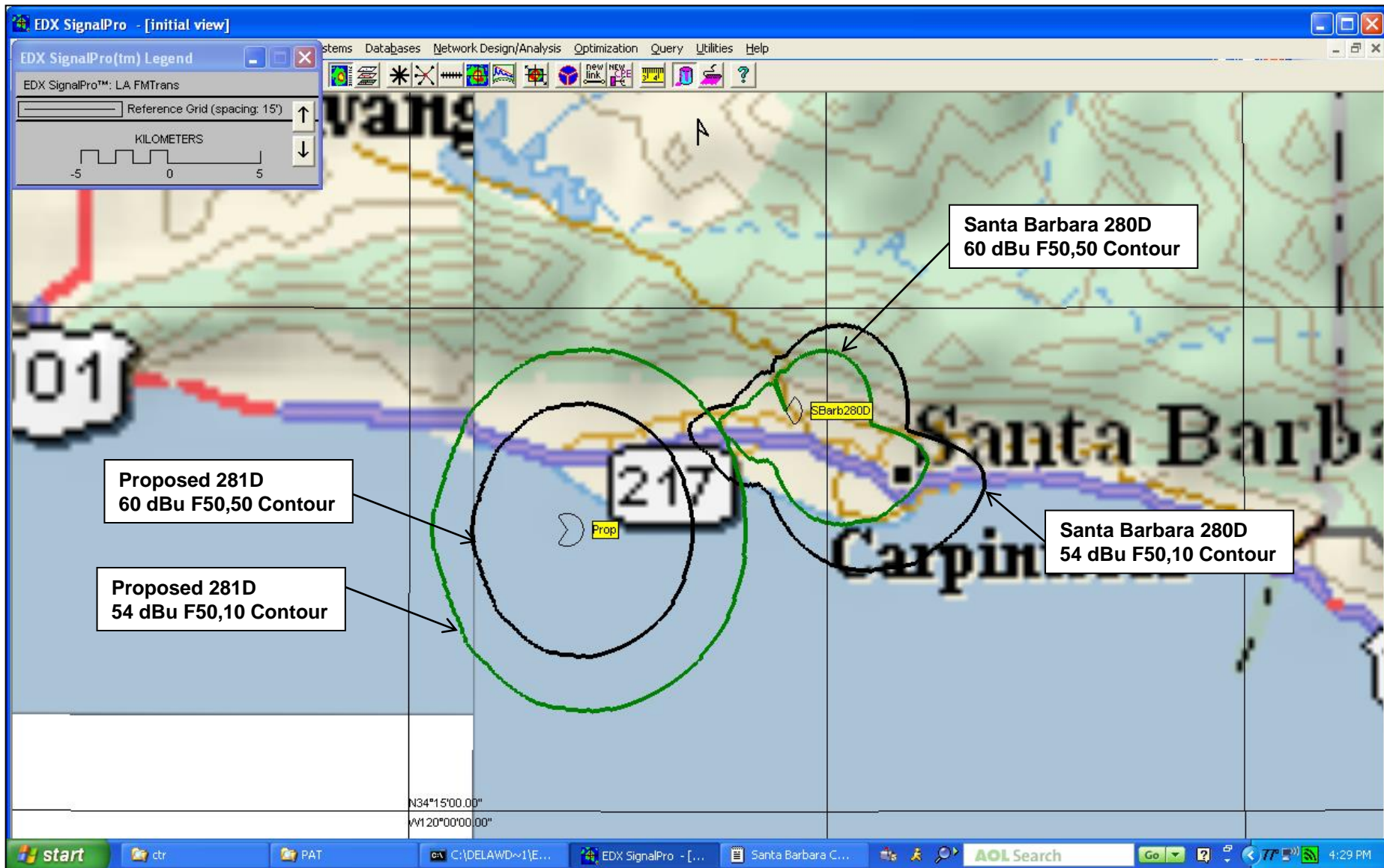


FIGURE EE2 (Magnified)
Isla Vista, CA 281D Contour Non-Overlap Showing to Santa Barbara 280D

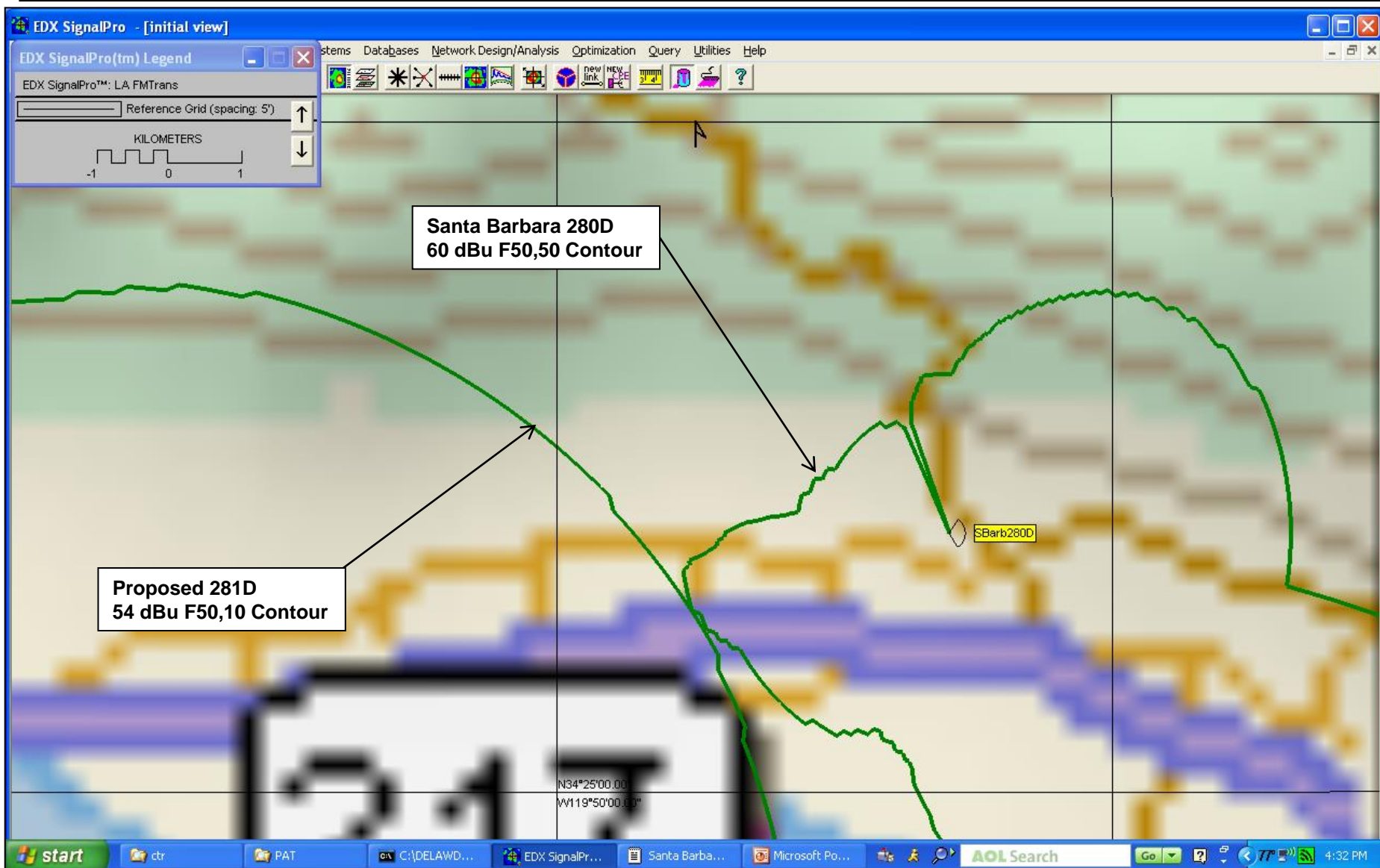


FIGURE EE3
Isla Vista, CA 281D Contour Non-Overlap Showing to KBOX

