

**FIGURE 3 (3 PAGES)**

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
TW Census data selected 2000  
Data Base Selected  
/space/software/cdbb/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-13-2011 Time: 14:31:25

Record Selected for Analysis

K45HM (K27KT-D) BDISDTL -20090630ABL UVALDE TX US  
Channel 27 ERP 8. kW HAAT 242 m RCAMSL 00530 m STRINGENT MASK  
Latitude 029-21-46 Longitude 0099-37-14  
Status CP Zone Border M Site number: 01  
Last update 00000000 Cutoff date 20090630 Docket  
Comments  
Applicant J. B. SALAZAR

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Service Class = LD

Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	8.000	146.7	43.3	
45.0	8.000	199.4	46.6	
90.0	8.000	222.3	47.9	
135.0	8.000	240.3	48.8	
180.0	8.000	241.5	48.9	
225.0	8.000	221.0	47.8	
270.0	8.000	194.3	46.3	
315.0	8.000	139.8	42.8	

#####

# Analysis of Interference to Affected Station 28

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	K45HM	UVALDE TX	BDISDTL	-20090630ABL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KPXL-TV	UVALDE TX	62.3	LIC	BLCDDT	-20090612AHU
27	KORO	CORPUS CHRISTI TX	267.4	LIC	BLCDDT	-20060626ACE
27	NEW	DEL RIO TX	120.2	APP	BNPDDL	-20090825BRO
27	KXOF-CA	LAREDO TX	207.2	CP	BDISDTA	-20090626ABU
27	KBVO	LLANO TX	177.8	LIC	BLCDDT	-20090622ABA
27	K14LM	SAN ANTONIO TX	131.8	CP	BDISDTA	-20100809CNC
28	KYVV-TV	DEL RIO TX	33.2	APP	BMPCDDT	-20080618ACC
28	KYVV-TV	DEL RIO TX	120.2	CP	BPCDDT	-19991101AEN
28	KYVV-TV	DEL RIO TX	62.2	APP	BDRTCDT	-20101008AAW

Total scenarios = 2

Result key: 8  
Scenario 1 Affected station 28  
Before Analysis

Results for: 27A TX UVALDE BDISDTL 20090630ABL CP  
HAAT 242.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	39702	7168.7
not affected by terrain losses	39461	7055.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	233	163.3
lost to ATV IX only	233	163.3
lost to all IX	233	163.3

## Potential Interfering Stations Included in above Scenario 1

26A TX UVALDE	BLCDDT	20090612AHU	LIC
27A TX CORPUS CHRISTI	BLCDDT	20060626ACE	LIC
27A TX LAREDO	BDISDTA	20090626ABU	CP
27A TX LLANO	BLCDDT	20090622ABA	LIC

Result key: 9  
Scenario 2 Affected station 28  
Before Analysis

Results for: 27A TX UVALDE BDISDTL 20090630ABL CP  
HAAT 242.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	39702	7168.7

not affected by terrain losses	39461	7055.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1508	736.0
lost to ATV IX only	1508	736.0
lost to all IX	1508	736.0

Potential Interfering Stations Included in above Scenario 2

26A TX UVALDE	BLCDT	20090612AHU	LIC
27A TX CORPUS CHRISTI	BLCDT	20060626ACE	LIC
27A TX LAREDO	BDISDTA	20090626ABU	CP
27A TX LLANO	BLCDT	20090622ABA	LIC
28A TX DEL RIO	BMPCDT	20080618ACC	APP

Proposal fails scenario 2 received IX increased by 3.3%

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED