

# OET-69 INTERFERENCE ANALYSIS

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  
 /export/home/cdbb/pt\_tvdb.sff

## WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

KVAW	24	EAGLE PASS	TX BPCDT	20080402AAG
KVAW	24	EAGLE PASS	TX BPCDT	20080402AAG

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-29-2011 Time: 14:32:48

### Record Selected for Analysis

KVAW	USERRECORD-01	EAGLE PASS	TX US
Channel	24 ERP 50. kW	HAAT 73. m	RCAMSL 00318 m
Latitude	028-43-32	Longitude	0100-28-35
Status APP	Zone 2	Border	Site number: 01
Last update	Cutoff date	Docket	
Comments			
Applicant			

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	50.000	69.6	54.9
45.0	50.000	54.4	52.1
90.0	50.000	58.2	52.9
135.0	50.000	77.4	56.1
180.0	50.000	85.1	57.2

225.0	50.000	83.0	56.9
270.0	50.000	67.0	54.4
315.0	50.000	89.1	57.7

# Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap  
to Class A stations from site # 01

Class A Evaluation Complete

## Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance  
Distance to border = 1.4km

Proposed station is OK toward AM broadcast stations

\*\*\*\*\*

## Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
24	KVAW	EAGLE PASS TX	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KTAB-TV	ABILENE TX	403.6	LIC	BLCDT	20070831AAJ
24	KVEO-TV	BROWNSVILLE TX	391.0	LIC	BLCDT	20050630AGL

\*\*\*\*\*

## Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
---------	------	------------	----------------------

24 KTAB-TV ABILENE TX BLC DT -20070831AAJ

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KOKH-TV	OKLAHOMA CITY OK	412.4	LIC	BLC DT	-20041207ACV
24	KVAW	EAGLE PASS TX	403.6	PLN	DTVPLN	-DTVP0889
24	KVAW	EAGLE PASS TX	403.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KVEO-TV	BROWNSVILLE TX	BLC DT	-20050630AGL

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KEDT	CORPUS CHRISTI TX	175.0	LIC	BLE DT	-20081016ABR
24	KVAW	EAGLE PASS TX	391.0	PLN	DTVPLN	-DTVP0889
24	KVAW	EAGLE PASS TX	391.0	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 3

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KVAW	EAGLE PASS TX	USERRECORD-01	

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KTAB-TV	ABILENE TX	403.6	LIC	BLC DT	-20070831AAJ
24	KVEO-TV	BROWNSVILLE TX	391.0	LIC	BLC DT	-20050630AGL

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 3  
Before Analysis

Results for: 24A TX EAGLE PASS USERRECORD01 APP  
HAAT 73.0 m, ATV ERP 50.0 kW  
POPULATION AREA (sq km)

within Noise Limited Contour	47533	10037.2
not affected by terrain losses	47533	10037.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED