

# Interference check study for BMPCDT20080618ACC KYVV-TV D28 DT APP \*P DEL RIO, TX

Study complete

[log.txt](#)

Study created: 2018.07.31 09:57:57

Study build station data: LMS TV 2018-07-30

Proposal: KYVV-TV D28 DT APP \*P DEL RIO, TX  
File number: BMPCDT20080618ACC  
Facility ID: 55762  
Station data: LMS TV 2018-07-30  
Record ID: 06a2c12b8e59429fbcc6cf6212b6c0ea  
Country: U.S.  
Zone: II

Search options:  
Non-U.S. records included  
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KXOF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	220.5 km
No	KBVO	D27	DT	LIC	LLANO, TX	BLCDDT20090622ABA	188.4
No	KNIC-CD	D27	DC	CP	SAN ANTONIO, TX	BLANK0000030591	140.4
No	KUGB-CD	D28	DC	LIC	HOUSTON, TX	BLDTA20120801ALF	428.7
Yes	KPBT-TV	D28	DT	CP	ODESSA, TX	BLANK0000028621	367.0
Yes	WOAI-TV	D28	DT	CP	SAN ANTONIO, TX	BLANK0000033833	163.9
Yes	KWKT-TV	D28	DT	CP	WACO, TX	BLANK0000034740	323.9
Yes	KENS	D29	DT	CP	SAN ANTONIO, TX	BLANK0000034818	163.9
Yes	XHCHW	D27	DT	LIC	CIUDAD ACUNA, CI	BLANKBPFS20160226AAJ	94.9
No	XHMNL	D28	DT	LIC	MONTERREY, NL	BLANKBPFS20160309AAY	428.9
No	XHTAM	D28	DT	LIC	SANTA ROSA, TA	BLANKBPFS20140522ACF	442.7
No	XHNOH	D29	DT	LIC	NUEVA ROSITA, CI	BLANKBPFS20160304ABL	208.3
No	XHLAR	D29	DT	LIC	NUEVO LAREDO, TA	BLANKBPFS20160318AAW	229.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28  
Latitude: 29 28 10.80 N (NAD83)  
Longitude: 99 56 30.20 W  
Height AMSL: 1194.4 m  
HAAT: 751.6 m  
Peak ERP: 185 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 0.50

40.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	185 kW	684.1 m	110.0 km
45.0	185	672.1	109.5
90.0	185	717.6	111.3
135.0	185	775.5	113.6
180.0	185	815.3	115.0

225.0	185	835.8	115.7
270.0	185	773.4	113.5
315.0	185	756.8	112.9

Database HAAT does not agree with computed HAAT  
Database HAAT: 752 m    Computed HAAT: 754 m

Distance to Canadian border: 2047.0 km

\*\*Proposal is within coordination distance of Mexican border  
Distance to Mexican border: 82.1 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 137.8 degrees    Distance: 302.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 339.3 degrees    Distance: 1277.4 km

Study cell size: 2.00 km  
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

\*\*IX check failure to BLANK0000033833 CP scenario 1, 2.52% interference caused

---- Below is IX received by proposal BMPCDT20080618ACC ----

Proposal receives 24.02% interference from scenario 1