Study created: 2020.06.25 16:18:08 JMc

Study build station data: LMS TV 2020-06-25

Proposal: KRZG-CD D27 DC CP MCALLEN, TX
File number: BLANK0000080697
Facility ID: 32176
Station data: User record
Record ID: 935
Country: U.S.

Build options:
Protect LPTV records from Class A

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KNWS-LP	D27	LD	CP	BROWNSVILLE, TX	BLANK0000106998	81.2 km
No	KORO	D27	DT	LIC	CORPUS CHRISTI, TX	BLCDT20060626ACE	174.0
No	KDJB-LD	D27	LD	LIC	HONDO, TX	BLDTL20110706ABA	367.1
No	KETF-CD	D27	DC	APP	LAREDO, TX	BMPDTA20120918AAW	183.3
No	KETF-CD	D27z	DC	LIC	LAREDO, TX	BLDTA20130115ACK	183.3
No	KCOR-CD	D27	DC	LIC	SAN ANTONIO, TX	BLANK0000115083	350.6
No	KUNU-LD	D27	LD	LIC	VICTORIA, TX	BLANK0000114182	309.8
No	KJST-LP	N28-	TX	LIC	MCALLEN, TX	BLTTL19990218JB	8.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 26 16 2.20 N (NAD83)
Longitude: 98 19 11.80 W
Height AMSL: 138.1 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE-TLP8-C (ID 19178) 0.0 deg
Elev Pattrn: Generic
Elec Tilt: 0.50

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	83.0 m	41.6 km
45.0	11.7	99.3	42.5
90.0	4.54	103.0	38.2
135.0	2.34	100.8	34.6
180.0	4.21	102.5	37.8
225.0	2.65	100.9	35.3
270.0	5.22	79.9	36.0
315.0	12.3	74.0	39.3

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m   Computed HAAT: 93 m

Distance to Canadian border: 2223.6 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 11.3 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 18.2 degrees   Distance: 137.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 339.2 degrees   Distance: 1666.7 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

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

**IX check failure to BLANK0000106998 CP scenario 1, 2.30% interference caused