

TELECOMMUNICATIONS ENGINEERING
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19 February 2020

Prepared for: Radio Bilingüe
Fresno, California

CHANNEL STUDY

On 19 February 2020, a computerized allocation analysis was performed on the facilities proposed herein using data from the Commission's CDBS, current as of 14 February 2020. This analysis included all domestic allocations as well as those notified by the Government of Mexico. A copy of this study, as well as a spacing study to Mexican allocations, is attached.

This analysis revealed no assignments, allocations or applications requiring further study.

The applicant believes that the facilities proposed herein meet all of the Commission's rules of allocation.

Gray Frierson Haertig & Assoc.
Portland, Oregon

Radio Bilingue, Inc.
Fresno, California

REFERENCE CH# 201A - 88.1 MHz, Pwr= 0.5 kW, HAAT= -15.5 M, COR= 835 M
29 34 16.00 N. Average Protected F(50-50)= 8.5 km
104 21 45.00 W. Omni-directional

DISPLAY DATES
DATA 02-14-20
SEARCH 02-19-20

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
202A Presidio	VA9589	VAC ___N TX		351.1 171.0	5.64	29 37 16.65 104 22 17.72	6.000 100	55.0 985	37.1	-57.9*	-43.4*
201A Presidio	NEW	CP ___ TX		0.0 326.9	0.00 BNPED20071016AEY	29 34 15.60 104 21 44.70	0.650 -14	30.8 844	9.1 Radio Bilingue, Inc.	-39.3*	-37.6*
201A Las Garzas	AL2493«	VAC ___ CH		123.3 303.8	114.95	29 00 00.75 103 22 26.63	3.000 100	81.4 833	24.0	100.0R	15.0M
203C1 Alpine	KADM	CP ___ TX		9.9 190.0	112.07 BNPED20071018AJM	30 33 50.90 104 09 43.90	47.000 404	10.1 2175	79.1 Houston Christian Broadcas	93.5	31.3
203A Marfa	VA2994	VAC ___N TX		21.8 202.0	88.60	30 18 38.58 104 01 11.67	6.000 100	3.5 1568	37.6	76.6	49.3

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2,Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.
Reference station has protected zone issue: Mexico