

**Allocation Study**  
**Translator W233CW**  
Channel 233D – 94.5 MHz  
0.250 kW ERP (DA) – 441 m COR AMSL  
Hatillo/Quebradillas, Puerto Rico  
February 2019

Searching from Proposed Site

REFERENCE 18 23 32.0 N. 66 59 45.0 W.		CH# 233D - 94.5 MHz, Pwr= 0.25 kW DA, HAAT= 282.0 M, COR= 441 M Average Protected F(50-50)= 21.9 km Standard Directional								DISPLAY DATES DATA 02-27-19 SEARCH 02-27-19	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
233D	W233CW!	CP	DC	26.4	11.26	18 28 58.6	0.250		---Reference---		
Hatillo/quebradilla		PR		206.4	BNPFT20181004ABI	66 56 53.9		167	New Life Broadcasting, Inc		
236B	WEGM	LIC	CN	176.8	27.12	18 08 55.0	25.000	8.5	91.1	-3.0	-65.8*
San German		PR		356.8	BMLH19990720KB	66 58 54.0	600	914	Spanish Broadcasting Syste		
231B	WNOD	LIC	C	178.4	26.78	18 09 05.0	25.000	8.4	90.4	-3.6	-65.4*
Mayaguez		PR		358.4	BMLH19990720KA	66 59 20.0	597	896	Spanish Broadcasting Syste		
233L1	WQHD-LP	LIC		244.6	22.61	18 18 17.8	0.100			-11.7	-36.6*
Aguada-mayaguez		PR		64.6	BLL20180910AAF	67 11 21.9	30	80	West Coast Broadcasting		
234B	WODA	LIC	CX	95.8	121.23	18 16 44.0	31.000	117.5	88.8	-6.6	5.2
Bayamon		PR		276.1	BLH20020430AAG	65 51 12.0	560	787	Spanish Broadcasting Syste		
286B	WIOC	LIC	CN	139.0	58.97	17 59 27.0	47.000	4.9	44.9	14.5R	44.5M
Ponce		PR		319.1	BLH19990225KF	66 37 45.0	-61	35	International Broadcasting		
286B	WIOC	CP	NCX	140.0	59.02	17 59 03.0	50.000	4.9	44.9	14.5R	44.5M
Ponce		PR		320.2	BPH20160815AAP	66 38 12.0	-20	48	International Broadcasting		
232D	W232DH	LIC	C	90.4	98.00	18 23 00.0	0.250	16.8	11.4	68.5	73.3
San Juan		PR		270.7	BLFT20180802AAD	66 04 01.0		115	Arso Radio Corporation		

Terrain database is NED 03 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= East Zone, Co to 3rd  
adjacent.

All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
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: Arecibo

This proposal clears 3<sup>rd</sup> adjacent channel station WEGM and 2<sup>nd</sup> adjacent channel station  
WNOD under the provisions of §74.1204(d).

WQHD-LP has filed a license application (File No. BLL-20190226AAI) to cover its  
construction permit on Channel 214.