

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-22-2009 Time: 12:35:31

Record Selected for Analysis

WXWZ-LP USERRECORD-01 GUAYAMA PR US
 Channel 23 ERP 15. kW HAAT 270. m RCAMSL 00658 m STRINGENT MASK
 Latitude 018-09-30 Longitude 0066-05-03
 Status APP Zone 2 Border
 Dir Antenna Make CDB Model 00000000017716 Beam tilt N Ref Azimuth 50.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.50 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	3.174	417.1	52.2
45.0	14.850	561.3	66.1
90.0	5.400	399.9	54.7
135.0	0.013	137.7	11.9
180.0	0.013	78.8	9.3
225.0	0.013	158.8	12.8
270.0	0.013	185.5	13.9
315.0	0.013	221.8	15.0

Contour Overlap to Proposed Station

Station
 WXWZ-LP 22 GUAYAMA PR BLTTL19931101IG causes

Contour overlap to Digital LPTV station

WXWZ-LP 23 GUAYAMA PR USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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 beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
23	WXWZ-LP	GUAYAMA PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	17.5	LIC	BLTTL	-19940223IC
20	WIMN-CA	ARECIBO PR	67.0	LIC	BLTTL	-20010102AAX
21	W31DK-D	MAYAGUEZ PR	108.5	CP	BNPTTL	-20000807ADI
22	WXWZ-LP	GUAYAMA PR	14.4	LIC	BLTTL	-19931101IG
22	WOST	MAYAGUEZ PR	118.0	CP	BPCDT	-20080303AKY
22	WMNS-LP	CHARLOTTE AMALIE VI	122.0	CP	BDFCDTL	-20060327AIN
22	WMNS-LP	CHARLOTTE AMALIE VI	122.0	LIC	BLTTL	-20041015ABV
22	WMNS-LP	CHARLOTTE AMALIE VI	122.0	CP	BDFCDTL	-20090611AAN
23	WNJX-TV	MAYAGUEZ PR	95.0	CP MOD	BMPCDT	-20040115ACG
23	WCVI-TV	CHRISTIANSTED VI	150.5	CP MOD	BMPCDT	-20030121AAY
24	WSJX-LP	AQUADILLA PR	116.0	LIC	BLTTL	-20050407AAH
24	W10CZ-D	SAN JUAN PR	24.9	APP	BDISDTL	-20090629ACO
26	W26DO	MAYAGUEZ PR	117.1	CP	BNPTTL	-20000830BOK
26	WWKQ-LP	QUEBRADILLAS PR	95.9	LIC	BLTTL	-20041108ABN
26	W26DK	SAN JUAN PR	24.7	LIC	BLTTL	-20070806ADD
26	W26DK	SAN JUAN PR	24.9	APP	BSTA	-20061127AGE
30	WSJP-LP	AQUADILLA PR	116.0	LIC	BLTTL	-20050411AAY

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	BLTTL	-19940223IC