

Census data selected: 2000

Post DTV Transition Database Selected

# TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-11-2009 Time: 14:02:54

Record Selected for Analysis

WIMN USERRECORD-01 ARECIBO WIMN - T2 PR US  
 Channel 20 ERP 3.1 kW HAAT 86. m RCAMSL 00133 m FULL SERVICE MASK  
 Latitude 018-27-14 Longitude 0066-38-15  
 Status APP Zone 2 Border  
 Dir Antenna Make CDB Model 00000000017709 Beam tilt N Ref Azimuth 0.  
 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	3.100	132.3	37.5
45.0	2.681	132.1	36.7
90.0	2.511	103.5	34.1
135.0	0.003	33.0	4.1
180.0	0.003	33.0	4.1
225.0	0.003	33.0	4.1
270.0	2.511	95.2	33.2
315.0	2.681	132.4	36.7

Contour Overlap to Proposed Station

Station

WIMN-CA 20 ARECIBO PR BLTTL20010102AAX

Station inside contour of Digital LPTV station

WIMN 20 ARECIBO WIMN - T2 PR USERRECORD01

## Station

WIMN-CA 20 ARECIBO PR BDFCDTA20080512AAM

Station inside contour of Digital LPTV station

WIMN 20 ARECIBO WIMN - T2 PR USERRECORD01

## Station

WJPX 21 SAN JUAN PR BLCDT20060621ACJ causes

Contour overlap to Digital LPTV station

WIMN 20 ARECIBO WIMN - T2 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

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## Start of Interference Analysis

## Proposed Station

Channel	Call	City/State	ARN
20	WIMN	ARECIBO WIMN - T2 PR	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WKPV	PONCE PR	43.1	PLN	DTVPLN	-DTVP0692
19	WKPV	PONCE PR	43.1	CP MOD	BMPCDT	-20040318ABY
20	WPRU-LP	AQUADILLA PR	265.2	LIC	BLTTL	-20050411AAZ
20	WIVE-LD	CEIBA PR	103.9	CP	BDCCDTL	-20061026AAC
20	WSJN-CA	SAN JUAN PR	52.7	CP	BDISDTA	-20090129AAF
20	WSVI	CHRISTIANSTED VI	209.2	CP MOD	BMPCDT	-20081024ABS
20	WSVI	CHRISTIANSTED VI	209.2	PLN	DTVPLN	-DTVP0741
21	W31DK-D	MAYAGUEZ PR	58.2	CP	BNPTTL	-20000807ADI
21	W34CI	MAYAGUEZ PR	60.5	APP	BDISDTT	-20090605AAV
21	WJPX	SAN JUAN PR	84.9	PLN	DTVPLN	-DTVP0774
21	WJPX	SAN JUAN PR	84.9	LIC	BLCDT	-20060621ACJ
22	WXWZ-LP	GUAYAMA PR	72.0	LIC	BLTTL	-19931101IG
24	WSJX-LP	AQUADILLA PR	54.5	LIC	BLTTL	-20050407AAH

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