

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

NEW USERRECORD-01 CUBUY RAYMOND PR US
Channel 22 ERP 2.25 kW HAAT 586. m RCAMSL 00801 m FULL SERVICE MASK
Latitude 018-16-41 Longitude 0065-51-10
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017709 Beam tilt N Ref Azimuth 90.
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	1.620	691.7	54.9
45.0	1.730	493.2	51.1
90.0	2.000	257.9	42.5
135.0	1.730	626.6	54.1
180.0	1.620	684.7	54.7
225.0	0.000	655.1	8.2
270.0	0.002	589.8	13.7
315.0	0.000	686.3	8.2

Contour Overlap to Proposed Station

Station			
WXWZ-LP	22 GUAYAMA	PR BLTTL19931101IG	causes

Contour overlap to Digital LPTV station

NEW	22 CUBUY RAYMOND	PR USERRECORD01
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Station			
WMNS-LP	22 CHARLOTTE AMALIE	VI BLTTL20041015ABV	causes

Contour overlap to Digital LPTV station
NEW 22 CUBUY RAYMOND 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

Channel	Proposed Station Call	City/State	ARN
22	NEW	CUBUY RAYMOND PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WVGN-LP	CHARLOTTE AMALIE VI	93.4	LIC	BLTTL	-20031204AIR
15	WSJN-CA	SAN JUAN PR	33.1	LIC	BLTTL	-19940223IC
20	WIMN-CA	ARECIBO PR	85.1	LIC	BLTTL	-20010102AAX
21	W34CI	MAYAGUEZ PR	141.4	APP	BDISDTT	-20090605AAV
21	W31DK-D	MAYAGUEZ PR	133.3	CP	BNPTTL	-20000807ADI
21	WJPX	SAN JUAN PR	0.2	LIC	BLCDDT	-20060621ACJ
22	WXWZ-LP	GUAYAMA PR	39.2	LIC	BLTTL	-19931101IG
22	WOST	MAYAGUEZ PR	141.2	CP	BPCDDT	-20080303AKY
22	WMNS-LP	CHARLOTTE AMALIE VI	95.9	CP	BDFCDTL	-20060327AIN
22	WMNS-LP	CHARLOTTE AMALIE VI	95.9	LIC	BLTTL	-20041015ABV
22	WMNS-LP	CHARLOTTE AMALIE VI	95.9	CP	BDFCDTL	-20090611AAN
23	NEW	CEIBA PR	18.8	APP	BNPDTL	-20090825BJF
23	WXWZ-LP	GUAYAMA PR	27.8	CP	BDCCDTL	-20061027ABM
23	WXWZ-LP	GUAYAMA PR	27.8	APP	BMPDTL	-20090824AKE
23	WNJX-TV	MAYAGUEZ PR	120.2	CP MOD	BMPCDDT	-20040115ACG
23	WCVI-TV	CHRISTIANSTED VI	132.7	CP MOD	BMPCDDT	-20030121AAY
24	WSJX-LP	AQUADILLA PR	137.8	LIC	BLTTL	-20050407AAH
26	W26DO	MAYAGUEZ PR	140.2	CP	BNPTTL	-20000830BOK
26	WWKQ-LP	QUEBRADILLAS PR	115.5	LIC	BLTTL	-20041108ABN
26	W26DK-D	SAN JUAN PR	36.7	APP	BSTA	-20061127AGE
29	W29CB	ST. THOMAS VI	93.9	LIC	BLTTL	-19971105II
30	WSJP-LP	AQUADILLA PR	137.8	LIC	BLTTL	-20050411AAY

Analysis of Interference to Affected Station 1