

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-19-2009 Time: 15:14:27

Record Selected for Analysis

NEW USERRECORD-01 CULEBRA CC - DA PR US
Channel 24 ERP 15. kW HAAT 174. m RCAMSL 00175 m STRINGENT MASK
Latitude 018-19-19 Longitude 0065-17-59
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017709 Beam tilt N Ref Azimuth 180.
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	0.013	175.0	13.5
45.0	0.013	175.0	13.5
90.0	12.150	167.0	46.8
135.0	12.974	174.7	47.6
180.0	15.000	175.0	48.4
225.0	12.974	175.0	47.6
270.0	12.150	175.0	47.3
315.0	0.013	175.0	13.5

Contour Overlap to Proposed Station

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
24	NEW	UTUADO, WERR - DA PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WIMN-CA	ARECIBO PR	141.9	LIC	BLTTL	-20010102AAX
22	WXWZ-LP	GUAYAMA PR	92.3	LIC	BLTTL	-19931101IG
22	WMNS-LP	CHARLOTTE AMALIE VI	37.3	LIC	BLTTL	-20041015ABV
23	NEW	CEIBA PR	39.8	APP	BNPDTL	-20090825BJF
23	WXWZ-LP	GUAYAMA PR	84.8	CP	BDCCDTL	-20061027ABM
23	WXWZ-LP	GUAYAMA PR	84.8	APP	BMPDTL	-20090824AKE
23	WNJX-TV	MAYAGUEZ PR	178.8	CP MOD	BMPCDT	-20040115ACG
23	NEW	SAN JUAN PR	82.8	APP	BNPDTL	-20090825ASV
23	WCVI-TV	CHRISTIANSTED VI	87.9	CP MOD	BMPCDT	-20030121AAY
24	WSJX-LP	AQUADILLA PR	195.6	LIC	BLTTL	-20050407AAH
24	NEW	QUEBRADILLAS PR	172.5	APP	BDCCDTL	-20090825BIH
24	W10CZ-D	SAN JUAN PR	94.0	APP	BDISDTL	-20090629ACO
24	NEW	SION FARM, ST CROIX VI	82.2	APP	BNPDTL	-20090825BHA
25	NEW	CAMUY PR	154.4	APP	BNPDTL	-20090825BHQ
25	WQTO	PONCE PR	155.4	CP	BPEDT	-20080620AEL
25	WQTO	PONCE PR	155.4	LIC	BLEDT	-20060615ACV
25	NEW	RIO GRANDE PR	49.5	APP	BNPDTL	-20090825BAI
25	NEW	TOA BAJA PR	102.1	APP	BNPDTL	-20090825BHU
26	W26DK-D	SAN JUAN PR	94.0	APP	BSTA	-20061127AGE

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WIMN-CA	ARECIBO PR	BLTTL	-20010102AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WMTJ	FAJARDO PR	90.3	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	90.3	PLN	DTVPLN	-DTVP0577
16	WMTJ	FAJARDO PR	90.3	APP	BMPEDT	-20080620AEH
17	WVEO	AGUADILLA PR	59.0	PLN	DTVPLN	-DTVP0615
17	WVEO	AGUADILLA PR	59.0	CP MOD	BMPCDT	-20060705ABD
18	WECN	NARANJITO PR	43.0	CP MOD	BMPCDT	-20090318ABI
18	WECN	NARANJITO PR	43.0	PLN	DTVPLN	-DTVP0647
19	NEW	CATANO PR	55.5	APP	BNPDTL	-20090825ARJ
19	NEW	LUQUILLO PR	92.4	APP	BNPDTL	-20090825AWI
19	WKPV	PONCE PR	43.1	PLN	DTVPLN	-DTVP0693
19	WKPV	PONCE PR	43.1	LIC	BLCDT	-20081002AAX