

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-03-2009 Time: 11:05:56

Record Selected for Analysis

NEW USERRECORD-01 WECN DA1 PR US  
Channel 25 ERP 15. kW HAAT 228. m RCAMSL 00525 m STRINGENT MASK  
Latitude 018-17-34 Longitude 0066-16-02  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000017716 Beam tilt N Ref Azimuth 330.  
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	8.664	421.4	58.2
45.0	0.030	439.3	25.6
90.0	0.013	270.2	17.0
135.0	0.013	88.8	9.8
180.0	0.013	33.0	6.0
225.0	0.013	33.0	6.0
270.0	0.938	162.5	33.3
315.0	13.113	381.0	58.8

Contour Overlap to Proposed Station

Station  
W26DK-D 26 SAN JUAN PR BSTA20061127AGE

Station inside contour of Digital LPTV station  
NEW 25 WECN DA1 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

Channel	Proposed Station Call	City/State	ARN
25	NEW	WECN DA1 PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	W31DK-D	MAYAGUEZ PR	89.9	CP	BNPTTL	-20000807ADI
22	WXWZ-LP	GUAYAMA PR	32.8	LIC	BLTTL	-19931101IG
22	WMNS-LP	CHARLOTTE AMALIE VI	139.4	LIC	BLTTL	-20041015ABV
24	WSJX-LP	AQUADILLA PR	94.2	LIC	BLTTL	-20050407AAH
24	NEW	QUEBRADILLAS PR	72.6	APP	BDCCDTL	-20090825BIH
24	W10CZ-D	SAN JUAN PR	11.0	APP	BDISDTL	-20090629ACO
24	NEW	SION FARM, ST CROIX VI	166.3	APP	BNPDTL	-20090825BHA
25	NEW	CAMUY PR	52.4	APP	BNPDTL	-20090825BHQ
25	WQTO	PONCE PR	56.1	CP	BPEDT	-20080620AEL
25	WQTO	PONCE PR	56.1	LIC	BLEDT	-20060615ACV
25	NEW	RIO GRANDE PR	53.0	APP	BNPDTL	-20090825BAI
25	NEW	TOA BAJA PR	0.0	APP	BNPDTL	-20090825BHU
26	NEW	MAUNABO PR	30.4	APP	BNPDTL	-20090825BGH
26	W26DO	MAYAGUEZ PR	96.4	CP	BNPTTL	-20000830BOK
26	NEW	PONCE PR	34.0	APP	BNPDTL	-20090825BWA
26	WWKQ-LP	QUEBRADILLAS PR	72.6	LIC	BLTTL	-20041108ABN
26	W26DK-D	SAN JUAN PR	11.0	APP	BSTA	-20061127AGE
26	W26DK-D	SAN JUAN PR	10.9	LIC	BLDTL	-20090807ACF
29	W29CB	ST. THOMAS VI	137.4	LIC	BLTTL	-19971105II
32	W32AJ	UTUADO PR	48.4	LIC	BLTT	-19890703IC
33	WQQZ-CA	PONCE PR	55.8	LIC	BLTTL	-19981208JA

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	W31DK-D	MAYAGUEZ PR	BNPTTL	-20000807ADI

Stations Potentially Affecting This Station