

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-10-2009 Time: 17:28:04

Record Selected for Analysis

NEW USERRECORD-01 CC MAY PR US  
Channel 32 ERP 5.5 kW HAAT 161. m RCAMSL 00259 m STRINGENT MASK  
Latitude 018-13-46 Longitude 0067-06-37  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000090537 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	3.671	180.9	41.5
45.0	0.331	156.2	27.6
90.0	0.102	33.0	9.9
135.0	0.331	33.0	13.1
180.0	3.671	187.2	41.8
225.0	3.909	253.8	45.8
270.0	0.330	248.8	32.5
315.0	4.240	198.4	43.2

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

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#### Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
32	NEW	CC MAY PR	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WSJX-LP	AQUADILLA PR	20.2	LIC	BLTTTL	-20050407AAH
30	WSJP-LP	AQUADILLA PR	20.2	LIC	BLTTTL	-20050411AAY
31	W31DK-D	MAYAGUEZ PR	0.0	CP	BDISDTL	-20081208ABP
31	W31DL-D	PONCE PR	57.9	LIC	BLDTL	-20090810ABM
31	WSJU-TV	SAN JUAN PR	107.5	APP	BLCDDT	-20090217AEH
31	WSJU-TV	SAN JUAN PR	107.5	CP MOD	BMPCDT	-20060628ACE
32	NEW	ARROYO PR	109.2	APP	BNPDTL	-20090825BLR
32	NEW	HATILLO PR	45.2	APP	BNPDTL	-20090825BAP
32	WTCV	SAN JUAN PR	139.1	CP	BPCDDT	-20070125AAX
32	WTCV	SAN JUAN PR	107.5	LIC	BLCDDT	-20040722ADD
32	W32AJ	UTUADO PR	41.0	LIC	BLTT	-19890703IC
33	NEW	ANASCO PR	12.3	APP	BNPDTL	-20090825BLY
33	WRUA	FAJARDO PR	139.1	CP MOD	BMPCDT	-20080902ABJ
33	WQQZ-CA	PONCE PR	41.8	LIC	BLTTTL	-19981208JA
34	W34CI	MAYAGUEZ, ETC. PR	12.7	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	59.3	CP	BNPTTL	-20000807ADG
36	W36DP	YCAMUY PR	12.3	CP	BDISTTL	-20070629AJN

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#### Analysis of Interference to Affected Station 1

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WSJX-LP	AQUADILLA PR	BLTTTL	-20050407AAH

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WMTJ	FAJARDO PR	143.5	APP	BMPEDT	-20080620AEH
16	WMTJ	FAJARDO PR	143.5	PLN	DTVPLN	-DTVP0577
16	WMTJ	FAJARDO PR	143.5	CP MOD	BMPEDT	-20070629AEN
17	WVEO	AGUADILLA PR	10.2	CP MOD	BMPCDT	-20060705ABD
17	WVEO	AGUADILLA PR	10.2	PLN	DTVPLN	-DTVP0615
21	WJPX	SAN JUAN PR	137.7	LIC	BLCDDT	-20060621ACJ
21	WJPX	SAN JUAN PR	137.7	PLN	DTVPLN	-DTVP0775
22	WOST	MAYAGUEZ PR	11.0	CP	BPCDDT	-20080303AKY
22	WOST	MAYAGUEZ PR	11.0	PLN	DTVPLN	-DTVP0820