

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-12-2010 Time: 16:40:07

Record Selected for Analysis

NEW USERRECORD-01 XXXX XX US
Channel 31 ERP 7.9 kW HAAT 172. m RCAMSL 00290 m STRINGENT MASK
Latitude 017-59-35 Longitude 0066-06-25
Status APP Zone 2 Border Site number: 01
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
Service Class = LD
Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.013	33.0	6.0	
45.0	0.013	33.0	6.0	
90.0	12.150	220.1	49.9	
135.0	12.974	289.6	54.1	
180.0	15.000	289.0	54.8	
225.0	12.974	283.9	53.7	
270.0	12.150	203.1	48.9	
315.0	0.013	33.0	6.0	

Database HAAT does not agree with computed HAAT
Database HAAT: 172 Computed HAAT: 173

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

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

	Proposed Station			
Channel	Call	City/State		ARN
31	NEW	XXXX XX		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WSJX-LP	AQUADILLA PR	119.5	LIC	BLTTL	-20050407AAH
29	W29CB	ST. THOMAS VI	127.0	LIC	BLTTL	-19971105II
30	WSJP-LP	AQUADILLA PR	119.5	LIC	BLTTL	-20050411AAY
30	WDWL	BAYAMON PR	31.9	CP MOD	BMPCDT	-20081103ACW
30	W30DB-D	MAYAGUEZ PR	109.2	CP	BNPDTL	-20090828ADX
30	WQQZ-CA	PONCE PR	68.3	APP	BDISDTA	-20090824AFJ
31	W31DK-D	MAYAGUEZ PR	109.2	CP	BDISDTL	-20081208ABP
31	W31DL-D	PONCE PR	53.6	LIC	BLDTL	-20090810ABM
31	WSJU-TV	SAN JUAN PR	31.4	LIC	BLCDT	-20090217AEH
32	W32DV-D	ARROYO PR	0.0	CP	BNPDTL	-20090825BLR
32	W32DY-D	HATILLO PR	85.6	CP	BNPDTL	-20090825BAP
32	NEW	MAYAGUEZ PR	119.0	APP	BNPDTL	-20090910AAX
32	W32DZ-D	MAYAGUEZ PR	109.2	CP	BNPDTL	-20090828ADO
32	WTCV	SAN JUAN PR	31.4	LIC	BLCDT	-20040722ADD
32	W32AJ	UTUADO PR	73.0	LIC	BLTT	-19890703IC
33	WQQZ-CA	PONCE PR	68.3	LIC	BLTTL	-19981208JA
34	W34CI	MAYAGUEZ, ETC. PR	120.0	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	53.6	CP	BNPTTL	-20000807ADG
34	WJWM-LP	CHRISTIANSTED VI	140.7	LIC	BLTTL	-20080314AEL
38	WWXY-LP	SAN JUAN PR	31.9	LIC	BLTTL	-20080716AAS
38	WBIV-LP	CHARLOTTE AMALIE VI	126.6	LIC	BLTTL	-19990709JF

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

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