

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: 11-01-2010 Time: 11:10:29

Record Selected for Analysis

MARICAO 38 USERRECORD-01 XXXX XX US
 Channel 38 ERP 15. kW HAAT 627. m RCAMSL 00934 m STRINGENT MASK
 Latitude 018-09-00 Longitude 0066-59-00
 Status APP Zone 2 Border Site number: 01
 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	15.000	615.2	67.8	
45.0	15.000	498.0	64.3	
90.0	15.000	161.2	47.5	
135.0	15.000	660.1	69.0	
180.0	15.000	826.9	72.4	
225.0	15.000	823.0	72.3	
270.0	15.000	784.2	71.6	
315.0	15.000	646.8	68.6	

Contour Overlap to Proposed Station

Station
 WWXY-LP 38 SAN JUAN PR BLTTL20080716AAS causes

Contour overlap to Digital LPTV station
 WIPM_MAR 38 XXXX XX USERRECORD01

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

Channel	Proposed Station Call	City/State	ARN
38	WIPM_MAR	XXXX XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WSJX-LP	AQUADILLA PR	33.6	LIC	BLTTL	-20050407AAH
30	WSJP-LP	AQUADILLA PR	33.6	LIC	BLTTL	-20050411AAY
34	W34CI	MAYAGUEZ, ETC. PR	28.6	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	43.3	CP	BNPTTL	-20000807ADG
36	W36DP	YCAMUY PR	27.9	CP	BDISTTL	-20070629AJN
38	NEW	MAYAGUEZ PR	0.2	APP	BNPDTL	-20090825BRC
38	NEW	PONCE PR	41.4	APP	BNPDTL	-20090825BSS
38	NEW	SABANA GRANDE PR	0.0	APP	BNPDTL	-20090825BMJ
38	WWXY-LP	SAN JUAN PR	93.4	CP	BDFCDTL	-20090824ABZ
38	W38EN-D	SAN JUAN PR	120.2	CP	BNPDTL	-20090825BSL
38	WWXY-LP	SAN JUAN PR	93.4	LIC	BLTTL	-20080716AAS
38	W38EQ-D	VIEQUES PR	162.9	CP	BNPDTL	-20090825BGT
38	WBIV-LP	CHARLOTTE AMALIE VI	213.6	LIC	BLTTL	-19990709JF
39	W39DE-D	CAYEY PR	87.6	CP	BNPDTL	-20100105AAM
39	NEW	NAGUABO PR	139.0	APP	BNPDTL	-20090921ADK
39	WJWN-TV	SAN SEBASTIAN PR	0.0	LIC	BLCDT	-20081014AAQ
42	WIVE-LP	CEIBA PR	139.5	LIC	BLTTL	-20030128ABW
45	W36DP	YCAMUY PR	36.8	CP	BNPTTL	-20000830AJD
46	W34CI	MAYAGUEZ PR	28.6	CP	BDISTT	-20070828AAO

%%%

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

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	LIC	BLEDT	-20090303AAB