

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/cdb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-12-2010 Time: 15:02:38

Record Selected for Analysis

RAYM YAU USERRECORD-01 XXXX XX US
Channel 36 ERP 4. kW HAAT 69. m RCAMSL 00142 m STRINGENT MASK
Latitude 018-02-27 Longitude 0066-50-33
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000017708 Beam tilt N Ref Azimuth 240.
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	1.588	33.0	19.5
45.0	0.185	33.0	11.4
90.0	0.212	33.0	11.8
135.0	2.690	129.2	36.5
180.0	3.764	114.6	37.2
225.0	3.764	115.3	37.3
270.0	3.460	73.2	31.9
315.0	3.881	33.0	23.7

Database HAAT does not agree with computed HAAT
Database HAAT: 69 Computed HAAT: 71

Contour Overlap to Proposed Station

Station
W36DP 36 YCAMUY PR BDISTTL20070629AJN causes

Contour overlap to Digital LPTV 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 2.31km from AM station

YAU CO PR WENA Status: Antenna: DA1

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
36	RAYM YAU	XXXX XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	W31DK-D	MAYAGUEZ PR	32.7	CP	BNPTTL	-20000807ADI
22	WXWZ-LP	GUAYAMA PR	76.5	LIC	BLTTL	-19931101IG
32	W32AJ	UTUADO PR	29.7	LIC	BLTT	-19890703IC
33	WQQZ-CA	PONCE PR	11.1	LIC	BLTTL	-19981208JA
34	W34CI	MAYAGUEZ, ETC. PR	47.8	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	25.1	CP	BNPTTL	-20000807ADG
35	NEW	GUAYNABO PR	81.8	APP	BNPDTL	-20090917ACI
35	WIPM-TV	MAYAGUEZ PR	19.2	LIC	BLEDT	-20060627ACQ
35	WIPM-TV	MAYAGUEZ PR	19.2	CP	BPEDT	-20080619AEV
36	WIMN-CA	ARECIBO PR	50.8	CP	BDISDTA	-20091203AID
36	NEW	CIDRA PR	64.7	APP	BNPDTL	-20090825BOZ
36	NEW	MAYAGUEZ PR	19.2	APP	BNPDTL	-20100309ABZ
36	W36DU-D	MAYAGUEZ PR	19.0	CP	BNPDTL	-20090825BSR
36	W31DL-D	PONCE PR	24.4	APP	BDFCDTL	-20081208ADY
36	NEW	SAN JUAN PR	107.8	APP	BNPDTL	-20090825BRA
36	NEW	SAN JUAN PR	76.9	APP	BNPDTL	-20090825AGA
36	NEW	YABUCOA PR	84.0	APP	BNPDTL	-20090825BGP
36	W36DP	YCAMUY PR	47.1	CP	BDISTTL	-20070629AJN
36	W29CB	ST. THOMAS VI	201.2	CP	BDISDTL	-20091027ABC
36	W36DZ-D	TUTU, ST THOMAS VI	203.1	CP	BNPDTL	-20090825BHG
38	WWXY-LP	SAN JUAN PR	81.8	LIC	BLTTL	-20080716AAS
44	W44CK	BAYAMON, SAN JUAN PR	75.8	LIC	BLTTL	-20050713ADH
