

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

Date: 01-11-2012 Time: 15:35:56

Record Selected for Analysis

RAYM36YA USERRECORD-01 RAYM36YAUCO-CCTWR XX US
Channel 36 ERP 15. kW HAAT 114. m RCAMSL 00222 m FULL SERVICE MASK
Latitude 018-02-37 Longitude 0066-50-25
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	5.953	33.0	25.8
45.0	0.693	33.0	15.7
90.0	0.794	79.5	25.3
135.0	10.086	207.4	48.2
180.0	14.114	195.0	49.2
225.0	14.114	195.5	49.2
270.0	12.974	141.3	45.4
315.0	14.553	33.0	29.9

Database HAAT does not agree with computed HAAT
Database HAAT: 114 Computed HAAT: 115

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 2.64km from AM station

YAUCO PR WENA Status: Antenna: DA1

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
36	RAYM36YA	RAYM36YAUCO-CCTWR XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WXWZ-LP	GUAYAMA PR	76.2	LIC	BLTTL	-19931101IG
32	W32AJ	UTUADO PR	29.3	LIC	BLTT	-19890703IC
33	WQQZ-CA	PONCE PR	10.7	LIC	BLTTL	-19981208JA
33	WQQZ-CA	PONCE PR	10.3	CP	BPTTA	-20110609ABM
35	NEW	GUAYNABO PR	81.5	APP	BNPDTL	-20090917ACI
35	WIPM-TV	MAYAGUEZ PR	19.2	CP	BPEDT	-20080619AEV
35	WIPM-TV	MAYAGUEZ PR	19.2	LIC	BLEDT	-20060627ACQ
36	WIMN-CA	ARECIBO PR	50.4	CP	BDISDTA	-20091203AID
36	NEW	CIDRA PR	64.4	APP	BNPDTL	-20090825BOZ
36	W36EE-D	MAYAGUEZ PR	19.2	CP	BNPDTL	-20100309ABZ
36	W36EE-D	MAYAGUEZ PR	19.2	APP	BMPDTL	-20111118CGN
36	W36DU-D	MAYAGUEZ PR	19.0	CP	BNPDTL	-20090825BSR
36	W31DL-D	PONCE PR	24.3	APP	BDFCDTL	-20081208ADY
36	NEW	SAN JUAN PR	76.5	APP	BNPDTL	-20090825BRA
36	NEW	SAN JUAN PR	76.5	APP	BNPDTL	-20090825AGA
36	NEW	YABUCOA PR	83.7	APP	BNPDTL	-20090825BGP
36	W29CB	ST. THOMAS VI	200.9	CP	BDISDTL	-20091027ABC
36	W33DD-D	TUTU, ST THOMAS VI	202.8	CP	BNPDTL	-20090825BHG
38	WWXY-LP	SAN JUAN PR	81.5	LIC	BLTTL	-20080716AAS
44	W44CK	BAYAMON, SAN JUAN PR	75.5	LIC	BLTTL	-20050713ADH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	WXWZ-LP	GUAYAMA PR	BLTTL	-19931101IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMEI	ARECIBO PR	47.9	LIC	BLCDT	-20090723AEO