

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: 05-30-2012 Time: 16:34:48

Record Selected for Analysis

RAYM24FI USERRECORD-01 RAYM24FIL185D3 XX US
Channel 24 ERP 15. kW HAAT 228. m RCAMSL 00525 m FULL SERVICE MASK
Latitude 018-17-34 Longitude 0066-16-02
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000017709 Beam tilt N Ref Azimuth 185.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.10 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	421.4	21.2
45.0	0.013	439.3	21.6
90.0	10.333	270.2	51.8
135.0	13.537	88.8	40.8
180.0	14.702	33.0	30.0
225.0	12.422	33.0	29.2
270.0	13.113	162.5	46.9
315.0	0.014	381.0	20.2

Database HAAT does not agree with computed HAAT
Database HAAT: 228 Computed HAAT: 229

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

Channel	Proposed Station Call	City/State	ARN
24	RAYM24FI	RAYM24FIL185D3 XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WPRU-LP	AQUADILLA PR	94.2	LIC	BLTTL	-20101020ABE
20	WIMN-CA	ARECIBO PR	43.0	LIC	BLTTL	-20010102AAX
22	WXWZ-LP	GUAYAMA PR	32.8	LIC	BLTTL	-19931101IG
22	WMNS-LP	CHARLOTTE AMALIE VI	139.4	LIC	BLTTL	-20041015ABV
23	NEW	CEIBA PR	62.5	APP	BNPDTL	-20090825BJF
23	WXWZ-LD	GUAYAMA PR	24.4	LIC	BLDTL	-20100324ABD
23	WNJX-TV	MAYAGUEZ PR	77.3	LIC	BLCDT	-20081029ACA
23	WCVI-TV	CHRISTIANSTED VI	173.6	LIC	BLCDT	-20090625AAH
24	WSJX-LP	AQUADILLA PR	94.2	LIC	BLTTL	-20050407AAH
24	W24DW-D	CULEBRA PR	102.1	CP	BNPDTL	-20090921ADA
24	W24DU-D	QUEBRADILLAS PR	72.6	CP MOD	BMPDTL	-20110609ACA
24	W24DO-D	SION FARM, ST CROIX VI	166.3	CP	BNPDTL	-20090825BHA
25	NEW	CAMUY PR	52.4	APP	BNPDTL	-20090825BHQ
25	WQTO	PONCE PR	96.4	CP	BPEDT	-20111116AYA +
25	WQTO	PONCE PR	56.1	LIC	BLEDT	-20111114BFK
25	W25EE-D	RIO GRANDE PR	53.0	CP	BNPDTL	-20090825BAI
25	W25EF-D	TOA BAJA PR	0.0	CP	BNPDTL	-20090825BHU
26	WWKQ-LP	QUEBRADILLAS PR	72.6	LIC	BLTT	-20110713ABS
26	WWKQ-LP	QUEBRADILLAS PR	72.6	CP	BPTTL	-20110617ABQ
32	W32AJ	UTUADO PR	48.4	LIC	BLTT	-19890703IC

+ Indicates station is part of a DTS

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WPRU-LP	AQUADILLA PR	BLTTL	-20101020ABE

Stations Potentially Affecting This Station