

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: 10-24-2012 Time: 10:01:30

Record Selected for Analysis

RAYM4MAR USERRECORD-01 RAYM4MARIC2 XX US
Channel 04 ERP 3. kW HAAT 618. m RCAMSL 00925 m FULL SERVICE 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	43.0	dBu F(50,90)
(Deg)	(kW)	(m)		(km)
0.0	3.000	606.2		83.8
45.0	3.000	489.0		78.5
90.0	3.000	152.2		55.8
135.0	3.000	651.1		85.1
180.0	3.000	817.9		89.7
225.0	3.000	814.0		89.6
270.0	3.000	775.2		88.5
315.0	3.000	637.8		84.7

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
04	RAYM4MAR	RAYM4MARIC2 XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	NEW	GUAYNABO PR	94.9	APP	BNPDVL	-20090825BQI
03	W03BS-D	GUAYNABO PR	93.4	CP	BDISDVL	-20110725ABF
03	NEW	MAYAGUEZ PR	27.8	APP	BNPDVL	-20090825BPX
03	NEW	MAYAGUEZ PR	0.2	APP	BNPDVL	-20090825BRB
03	NEW	PONCE PR	37.2	APP	BNPDVL	-20090825BQD
03	NEW	PONCE PR	41.4	APP	BNPDVL	-20090825BRF
03	NEW	SAN JUAN PR	120.2	APP	BNPDVL	-20090825BQT
04	NEW	MAYAGUEZ PR	0.2	APP	BNPDVL	-20090825BSN
04	NEW	PONCE PR	41.4	APP	BNPDVL	-20090825BRH
04	NEW	SAN JUAN PR	120.2	APP	BNPDVL	-20090825BQW

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	NEW	GUAYNABO PR	BNPDVL	-20090825BQI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	W02CT-D	ARECIBO PR	70.9	CP	BNPDVL	-20090903ACW
02	NEW	CAROLINA PR	25.5	APP	BNPDVL	-20090825BQX
02	W02CU-D	MAYAGUEZ PR	114.6	CP MOD	BMPDVL	-20120817ABB
02	W02CS-D	PONCE PR	50.3	CP MOD	BMPDVL	-20120327ALG
02	NEW	SAN JUAN PR	7.8	APP	BNPDVL	-20090825AWM
02	W29EE-D	SAN LORENZO PR	1.8	APP	BDISDVL	-20120927AEM
03	W03BS-D	GUAYNABO PR	1.7	CP	BDISDVL	-20110725ABF
03	NEW	MAYAGUEZ PR	113.6	APP	BNPDVL	-20090825BPX
03	NEW	MAYAGUEZ PR	94.7	APP	BNPDVL	-20090825BRB
03	NEW	PONCE PR	65.3	APP	BNPDVL	-20090825BQD
03	NEW	PONCE PR	64.7	APP	BNPDVL	-20090825BRF
03	NEW	SAN JUAN PR	25.5	APP	BNPDVL	-20090825BQT
04	NEW	MAYAGUEZ PR	94.7	APP	BNPDVL	-20090825BSN
04	NEW	PONCE PR	64.7	APP	BNPDVL	-20090825BRH
04	NEW	SAN JUAN PR	25.5	APP	BNPDVL	-20090825BQW
04	RAYM4MAR	RAYM4MARIC2 XX	94.9	APP	USERRECORD-01	

Proposal causes no interference