

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: 11-13-2010 Time: 10:46:30

Record Selected for Analysis

RAYM_PON USERRECORD-01 XXXX XX US
Channel 02 ERP 0.3 kW HAAT 30. m RCAMSL 00022 m STRINGENT MASK
Latitude 017-59-53 Longitude 0066-38-10
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	0.300	33.0		20.4
45.0	0.300	33.0		20.4
90.0	0.300	33.0		20.4
135.0	0.300	33.0		20.4
180.0	0.300	33.0		20.4
225.0	0.300	33.0		20.4
270.0	0.300	33.0		20.4
315.0	0.300	33.0		20.4

Database HAAT does not agree with computed HAAT
Database HAAT: 30 Computed HAAT: 33

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
02	RAYM_PON	XXXX XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	NEW	ARECIBO PR	52.0	APP	BNPDVL	-20090903ACW
02	NEW	CAROLINA PR	88.4	APP	BNPDVL	-20090825BQX
02	NEW	MAYAGUEZ PR	67.6	APP	BNPDVL	-20090903ACZ
02	NEW	SAN JUAN PR	59.7	APP	BNPDVL	-20090825AWM
03	NEW	GUAYNABO PR	65.0	APP	BNPDVL	-20090825BQI
03	NEW	MAYAGUEZ PR	67.2	APP	BNPDVL	-20090825BPX
03	NEW	MAYAGUEZ PR	40.2	APP	BNPDVL	-20090825BRB
03	NEW	PONCE PR	3.9	APP	BNPDVL	-20090825BQD
03	NEW	PONCE PR	1.1	APP	BNPDVL	-20090825BRF
03	NEW	SAN JUAN PR	88.4	APP	BNPDVL	-20090825BQT

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
02	NEW	ARECIBO PR	BNPDVL	-20090903ACW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	NEW	CAROLINA PR	95.5	APP	BNPDVL	-20090825BQX
02	NEW	MAYAGUEZ PR	48.8	APP	BNPDVL	-20090903ACZ
02	NEW	SAN JUAN PR	63.2	APP	BNPDVL	-20090825AWM
03	NEW	GUAYNABO PR	70.9	APP	BNPDVL	-20090825BQI
03	NEW	MAYAGUEZ PR	47.6	APP	BNPDVL	-20090825BPX
03	NEW	MAYAGUEZ PR	42.6	APP	BNPDVL	-20090825BRB
03	NEW	PONCE PR	48.4	APP	BNPDVL	-20090825BQD
03	NEW	PONCE PR	53.0	APP	BNPDVL	-20090825BRF
03	NEW	SAN JUAN PR	95.6	APP	BNPDVL	-20090825BQT
02	RAYM_PON	XXXX XX	52.0	APP	USERRECORD-01	

Proposal causes no interference

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