

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: 08-16-2012 Time: 17:56:10

Record Selected for Analysis

NEW USERRECORD-01 XXXX XX US  
Channel 02 ERP 3. kW HAAT 320. m RCAMSL 00375 m FULL SERVICE MASK  
Latitude 018-19-07 Longitude 0067-10-48  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make USR Model 000000000RAY2A Beam tilt N Ref Azimuth 0.  
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	1.399	357.4	63.6
45.0	2.371	267.3	62.9
90.0	0.130	205.0	36.7
135.0	2.371	268.2	62.9
180.0	1.399	374.4	64.5
225.0	0.016	374.1	31.1
270.0	0.001	365.9	17.1
315.0	0.016	350.3	30.2

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

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
02	NEW	XXXX XX	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	W02CT-D	ARECIBO PR	48.8	CP	BNPDVL	-20090903ACW
02	NEW	CAROLINA PR	140.0	APP	BNPDVL	-20090825BQX
02	W02CU-D	MAYAGUEZ PR	0.0	CP	BNPDVL	-20090903ACZ
02	W02CS-D	PONCE PR	68.5	CP MOD	BMPDVL	-20120327ALG
02	NEW	SAN JUAN PR	107.1	APP	BNPDVL	-20090825AWM
03	NEW	GUAYNABO PR	114.6	APP	BNPDVL	-20090825BQI
03	W03BS-D	GUAYNABO PR	113.0	CP	BDISDVL	-20110725ABF
03	NEW	MAYAGUEZ PR	1.3	APP	BNPDVL	-20090825BPX
03	NEW	MAYAGUEZ PR	28.2	APP	BNPDVL	-20090825BRB
03	NEW	PONCE PR	64.2	APP	BNPDVL	-20090825BQD
03	NEW	PONCE PR	68.6	APP	BNPDVL	-20090825BRF
03	NEW	SAN JUAN PR	140.1	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	W02CT-D	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	W02CU-D	MAYAGUEZ PR	48.8	CP	BNPDVL	-20090903ACZ
02	W02CS-D	PONCE PR	38.8	CP MOD	BMPDVL	-20120327ALG
02	NEW	SAN JUAN PR	63.2	APP	BNPDVL	-20090825AWM
03	NEW	GUAYNABO PR	70.9	APP	BNPDVL	-20090825BQI
03	W03BS-D	GUAYNABO PR	69.3	CP	BDISDVL	-20110725ABF
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	NEW	XXXX XX	48.8	APP	USERRECORD-01	

Total scenarios = 5