

Summary Study

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
./data_files/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-23-2011 Time: 13:52:57

Record Selected for Analysis

W40DE-D. USERRECORD-01 GUAYNABO PR US
Channel 03 ERP 0.3 kW HAAT 320. m RCAMSL 00540 m STRINGENT MASK
Latitude 018-16-49 Longitude 0066-06-35
Status APP Zone 1 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 4.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 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	0.290	474.3	56.5	
45.0	0.116	436.2	47.2	
90.0	0.000	420.7	14.0	
135.0	0.006	390.0	25.9	
180.0	0.010	133.0	17.4	
225.0	0.007	102.8	14.1	
270.0	0.000	161.4	6.4	
315.0	0.076	444.8	44.4	

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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
03	W40DE-D.	GUAYNABO PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	W02CT-S	ARECIBO PR	69.3	CP	BNPDVL	-20090903ACW
02	W02CU-D	MAYAGUEZ PR	113.0	CP	BNPDVL	-20090903ACZ
02	W02CS-D	PONCE PR	63.8	CP	BNPDVL	-20090903ACU
04	W44CK	SAN JUAN PR	27.0	CP	BDISDVL	-20090820AAE

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Study of this proposal found the following interference problem(s):

NONE.