

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: 09-24-2012 Time: 11:35:42

Record Selected for Analysis

RAYM2KQF USERRECORD-01 RAYM2KQFM_ND XX US
Channel 02 ERP 3. kW HAAT 327. m RCAMSL 00547 m FULL SERVICE MASK
Latitude 018-16-50 Longitude 0066-06-38
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	481.4		78.0
45.0	3.000	443.0		75.5
90.0	3.000	427.6		74.5
135.0	3.000	395.7		72.4
180.0	3.000	139.3		54.1
225.0	3.000	112.3		50.1
270.0	3.000	165.7		57.3
315.0	3.000	451.8		76.1

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	RAYM2KQF	RAYM2KQFM_ND XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	W02CT-D	ARECIBO PR	69.2	CP	BNPDVL	-20090903ACW
02	W02CU-D	MAYAGUEZ PR	112.9	CP MOD	BMPDVL	-20120817ABB
02	W02CS-D	PONCE PR	48.9	CP MOD	BMPDVL	-20120327ALG
03	NEW	GUAYNABO PR	1.8	APP	BNPDVL	-20090825BQI
03	W03BS-D	GUAYNABO PR	0.1	CP	BDISDVL	-20110725ABF
03	NEW	MAYAGUEZ PR	111.9	APP	BNPDVL	-20090825BPX
03	NEW	MAYAGUEZ PR	93.1	APP	BNPDVL	-20090825BRB
03	NEW	PONCE PR	64.0	APP	BNPDVL	-20090825BQD
03	NEW	PONCE PR	63.5	APP	BNPDVL	-20090825BRF
03	NEW	SAN JUAN PR	27.1	APP	BNPDVL	-20090825BQT

%%%

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	W02CU-D	MAYAGUEZ PR	48.8	CP MOD	BMPDVL	-20120817ABB
02	W02CS-D	PONCE PR	38.8	CP MOD	BMPDVL	-20120327ALG
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	RAYM2KQF	RAYM2KQFM_ND XX	69.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1
Before Analysis