

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: 03-30-2012 Time: 09:08:31

Record Selected for Analysis

RAYM6ATA USERRECORD-01 RAYM6ATALAYA-ND XX US
Channel 06 ERP 2.2 kW HAAT 389. m RCAMSL 00440 m FULL SERVICE MASK
Latitude 018-18-47 Longitude 0067-11-06
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	2.200	417.4		70.9
45.0	2.200	338.9		66.5
90.0	2.200	278.0		63.0
135.0	2.200	354.7		67.4
180.0	2.200	439.9		72.4
225.0	2.200	440.0		72.4
270.0	2.200	434.1		72.0
315.0	2.200	411.2		70.6

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
06	RAYM6ATA	RAYM6ATALAYA-ND XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	W05DA-D	FAJARDO PR	159.9	CP	BNPDVL	-20090901ADZ
05	W05CY-D	MAYAGUEZ PR	2.1	CP	BNPDVL	-20090827ACD
05	W05DB-D	PONCE PR	70.7	CP	BNPDVL	-20090827ACC
05	NEW	SAN JUAN PR	107.6	APP	BNPDVL	-20090825AVT
06	NEW	SAN JUAN PR	140.7	APP	BNPDVL	-20090825BHO
06	NEW	SAN JUAN PR	107.6	APP	BNPDVL	-20090825AUS

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	W05DA-D	FAJARDO PR	BNPDVL	-20090901ADZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	W05CY-D	MAYAGUEZ PR	158.4	CP	BNPDVL	-20090827ACD
05	W05DB-D	PONCE PR	105.1	CP	BNPDVL	-20090827ACC
05	NEW	SAN JUAN PR	52.3	APP	BNPDVL	-20090825AVT
05	WFIG-LP	CHARLOTTE AMALIE VI	76.8	LIC	BLTTV	-19830516JH
05	W05AW-D	CHRISTIANSTED VI	108.9	LIC	BLDTV	-20120222AAJ
06	NEW	SAN JUAN PR	19.2	APP	BNPDVL	-20090825BHO
06	NEW	SAN JUAN PR	52.3	APP	BNPDVL	-20090825AUS
06	RAYM6ATA	RAYM6ATALAYA-ND XX	159.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	W05CY-D	MAYAGUEZ PR	BNPDVL	-20090827ACD