

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-24-2009 Time: 15:09:58

Record Selected for Analysis

NEW USERRECORD-01 ATALAYA WIOB PR US  
Channel 03 ERP 0.3 kW HAAT 310. m RCAMSL 00365 m STRINGENT MASK  
Latitude 018-19-33 Longitude 0067-10-13  
Status APP Zone 2 Border  
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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	43.0 dBu F(50,90) (km)
0.0	0.300	354.7	51.0
45.0	0.300	248.1	45.1
90.0	0.300	230.7	44.2
135.0	0.300	255.3	45.5
180.0	0.300	362.2	51.4
225.0	0.300	357.9	51.2
270.0	0.300	328.5	49.7
315.0	0.300	346.4	50.6

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

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	Call	Proposed Station City/State	ARN
03	NEW	ATALAYA WIOB PR	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
04	W44CK	SAN JUAN PR	139.0	APP	USERRECORD-02
02	NEW	CUBUY PR	139.0	APP	USERRECORD-03

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### Analysis of Interference to Affected Station 1

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
04	W44CK	SAN JUAN PR	USERRECORD-02

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
03	NEW	ATALAYA WIOB PR	139.0	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 2

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
02	NEW	CUBUY PR	USERRECORD-03

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
03	NEW	ATALAYA WIOB PR	139.0	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
03	NEW	ATALAYA WIOB PR	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
04	W44CK	SAN JUAN PR	139.0	APP	USERRECORD-02
02	NEW	CUBUY PR	139.0	APP	USERRECORD-03

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 3 NEW

Before Analysis

Results for: 3A PR ATALAYA WIOB USERRECORD01 APP  
 HAAT 310.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	724886	7439.3
not affected by terrain losses	724886	7439.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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