Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-23-2009 Time: 17:16:55

Record Selected for Analysis

NEW USERRECORD-01 ST CROIX - NEW APP PR US
Channel 24 ERP 15. kW HAAT 320. m RCAMSL 00342 m STRINGENT MASK
Latitude 017-45-21 Longitude 0064-47-56
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)	51.0 dBu F(50,90) (km)
0.0	15.000	342.0	57.6
45.0	15.000	334.4	57.3
90.0	15.000	307.7	55.8
135.0	15.000	334.9	57.3
180.0	15.000	338.0	57.4
225.0	15.000	305.4	55.7
270.0	15.000	256.7	53.0
315.0	15.000	342.0	57.6

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	City/State	ARN
	Proposed Station		
24	NEW	ST CROIX - NEW APP PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WMNS-LP	CHARLOTTE AMALIE VI	68.4	LIC	BLTTL	-20041015ABV
23	WXWZ-LP	GUAYAMA PR	143.1	CP	BDCCDTL	-20061027ABM
23	WCVI-TV	CHRISTIANSTED VI	7.6	CP MOD	BMPCDT	-20030121AAY
24	WSJX-LP	AQUADILLA PR	258.9	LIC	BLTTL	-20050407AAH
24	W10CZ-D	SAN JUAN PR	161.6	APP	BDISDTL	-20090629ACO

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	WMNS-LP	CHARLOTTE AMALIE VI	BLTTL	-20041015ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WVIF	CHRISTIANSTED VI	68.4	PLN	DTVPLN	-DTVP0551
18	WECN	NARANJITO PR	139.4	PLN	DTVPLN	-DTVP0645
18	WECN	NARANJITO PR	139.4	CP MOD	BMPCDT	-20090318ABI
20	WSVI	CHRISTIANSTED VI	68.4	CP MOD	BMPCDT	-20081024ABS
20	WSVI	CHRISTIANSTED VI	68.4	PLN	DTVPLN	-DTVP0740
21	WJPX	SAN JUAN PR	96.0	LIC	BLCDT	-20060621ACJ
21	WJPX	SAN JUAN PR	96.0	PLN	DTVPLN	-DTVP0773
22	WXWZ-LP	GUAYAMA PR	128.8	LIC	BLTTL	-19931101IG
22	WOST	MAYAGUEZ PR	236.6	CP	BPCDT	-20080303AKY
22	WOST	MAYAGUEZ PR	236.6	PLN	DTVPLN	-DTVP0818
23	WXWZ-LP	GUAYAMA PR	122.0	CP	BDCCDTL	-20061027ABM
23	WCVI-TV	CHRISTIANSTED VI	71.3	CP MOD	BMPCDT	-20030121AAY
23	WCVI-TV	CHRISTIANSTED VI	71.7	PLN	DTVPLN	-DTVP0862
30	WDWL	BAYAMON PR	123.0	PLN	DTVPLN	-DTVP1114
30	WDWL	BAYAMON PR	122.9	CP MOD	BMPCDT	-20081103ACW
24	NEW	ST CROIX - NEW APP PR	68.4	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2