

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-19-2009 Time: 16:57:16

Record Selected for Analysis

NEW USERRECORD-01 ST CROIX - NEW APP PR US
Channel 43 ERP 15. kW HAAT 293. m RCAMSL 00315 m STRINGENT MASK
Latitude 017-45-21 Longitude 0064-47-56
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017720 Beam tilt N Ref Azimuth 180.
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	0.661	315.0	39.1
45.0	0.828	307.4	40.0
90.0	11.881	280.7	53.1
135.0	6.337	307.9	51.2
180.0	1.944	311.0	44.9
225.0	6.337	278.4	49.6
270.0	11.881	229.7	50.3
315.0	0.828	315.0	40.4

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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
43	NEW	ST CROIX - NEW APP PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	W29CB	ST. THOMAS VI	69.1	LIC	BLTTL	-19971105II
35	W35CE	CHRISTIANSTED VI	12.1	CP	BNPTT	-20000830BGV
39	NEW	CHRISTIANSTEAD VI	0.0	APP	BNPTTL	-20000821AAG
42	NEW	ADJUNTAS PR	193.6	APP	BNPDTL	-20090825BKN
42	WIVE-LP	CEIBA PR	109.0	LIC	BLTTL	-20030128ABW
42	NEW	GUAYNABO PR	155.6	APP	BNPDTL	-20090825BJP
42	WEON-LP	FREDERIKSTED VI	11.0	CP	BDISDTL	-20070103ADR
43	WSUR-DT	PONCE PR	193.5	LIC	BLCDT	-20030819ABT
43	WIPR-TV	SAN JUAN PR	138.2	CP MOD	BMPEDT	-20080619AEX
43	WZVI	CHARLOTTE AMALIE VI	66.9	LIC	BLCDT	-20040517AFB
44	W44CK	BAYAMON, SAN JUAN PR	157.2	LIC	BLTTL	-20050713ADH
44	W44CS-D	GUAYAMA PR	143.0	CP	BDCCDTL	-20061030ADB
44	NEW	PONCE PR	194.0	APP	BNPDTL	-20090828ADY
44	NEW	UTUADO PR	205.6	APP	BNPDTL	-20090825BIG
44	WTJX-TV	CHARLOTTE AMALIE VI	68.7	CP	BMPEDT	-20080620AFB
44	WTJX-TV	CHARLOTTE AMALIE VI	68.7	LIC	BLEDT	-20040823ABI
50	WVQS-LP	ISABEL SEGUNDA PR	79.7	APP	BSTA	-20070718AEX
50	WVQS-LP	ISABEL SEGUNDA PR	79.7	LIC	BLTTL	-20080128ABD

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	W29CB	ST. THOMAS VI	BLTTL	-19971105II

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WJPX	SAN JUAN PR	94.0	LIC	BLCDT	-20060621ACJ
21	WJPX	SAN JUAN PR	94.0	PLN	DTVPLN	-DTVP0775
27	WAPA-TV	SAN JUAN PR	117.7	PLN	DTVPLN	-DTVP1011
27	WAPA-TV	SAN JUAN PR	117.7	LIC	BLCDT	-20060621ACQ
28	WKAQ-TV	SAN JUAN PR	117.8	LIC	BLCDT	-20020201AAG
28	WKAQ-TV	SAN JUAN PR	117.8	PLN	DTVPLN	-DTVP1048
29	WORA-TV	MAYAGUEZ PR	214.7	CP MOD	BMPCDT	-20080813AAG
29	WORA-TV	MAYAGUEZ PR	214.7	PLN	DTVPLN	-DTVP1087
30	WDWL	BAYAMON PR	120.9	CP MOD	BMPCDT	-20081103ACW
30	WDWL	BAYAMON PR	121.0	PLN	DTVPLN	-DTVP1115
30	WQQZ-CA	PONCE PR	190.4	APP	BDISDTA	-20090824AFJ
31	WSJU-TV	SAN JUAN PR	119.2	PLN	DTVPLN	-DTVP1155