

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-23-2009 Time: 18:08:38

Record Selected for Analysis

NEW USERRECORD-01 MONTE JAYUYA PR US
 Channel 42 ERP 15. kW HAAT 844. m RCAMSL 01351 m FULL SERVICE MASK
 Latitude 018-10-11 Longitude 0066-34-38
 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	816.3	72.2
45.0	15.000	754.9	71.0
90.0	15.000	508.8	64.6
135.0	15.000	986.0	75.6
180.0	15.000	1157.7	79.5
225.0	15.000	949.0	74.8
270.0	15.000	621.2	68.0
315.0	15.000	957.3	75.0

Contour Overlap to Proposed Station

Station			
WIVE-LP 42 CEIBA		PR BLTTL20030128ABW	causes

Contour overlap to Digital LPTV station

NEW	42 MONTE JAYUYA	PR USERRECORD01
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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
42	NEW	MONTE JAYUYA PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	W34CI	MAYAGUEZ, ETC. PR	66.8	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	21.3	CP	BNPTTL	-20000807ADG
38	NEW	CAGUAS PR	52.4	APP	BNPTTL	-20000804ACN
38	NEW	SAN JUAN PR	45.6	APP	BNPTTL	-20000830AXC
38	WWXY-LP	SAN JUAN PR	50.9	LIC	BLTTL	-20080716AAS
41	WIRS	YAUCO PR	0.1	CP MOD	BMPCDT	-20040430AGV
42	WIVE-LP	CEIBA PR	96.7	LIC	BLTTL	-20030128ABW
42	WEON-LP	FREDERIKSTED VI	186.7	CP	BDISDTL	-20070103ADR
43	WSUR-DT	PONCE PR	0.1	LIC	BLCDDT	-20030819ABT
43	WIPR-TV	SAN JUAN PR	55.9	CP MOD	BMPEDT	-20080619AEX
43	WZVI	CHARLOTTE AMALIE VI	175.1	LIC	BLCDDT	-20040517AFB
44	W44CK	BAYAMON, SAN JUAN PR	44.6	LIC	BLTTL	-20050713ADH
45	W36DP	YCAMUY PR	45.3	CP	BNPTTL	-20000830AJD
46	W34CI	MAYAGUEZ PR	66.8	CP	BDISTT	-20070828AAO
50	WVQS-LP	ISABEL SEGUNDA PR	120.0	LIC	BLTTL	-20080128ABD
50	WVQS-LP	ISABEL SEGUNDA PR	120.0	APP	BSTA	-20070718AEX

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	W34CI	MAYAGUEZ, ETC. PR	BLTT	-19971031JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WAPA-TV	SAN JUAN PR	122.5	PLN	DTVPLN	-DTVP1009
27	WAPA-TV	SAN JUAN PR	122.5	LIC	BLCDDT	-20060621ACQ
30	WDWL	BAYAMON PR	114.2	PLN	DTVPLN	-DTVP1114
30	WDWL	BAYAMON PR	114.2	CP MOD	BMPCDT	-20081103ACW