

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-13-2009 Time: 19:43:23

Record Selected for Analysis

NEW USERRECORD-01 MONTE JAYUYA - ND PR US  
Channel 42 ERP 15. kW HAAT 842. m RCAMSL 01350 m STRINGENT MASK  
Latitude 018-10-10 Longitude 0066-34-36  
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	813.1	72.1
45.0	15.000	752.8	71.0
90.0	15.000	509.3	64.6
135.0	15.000	986.7	75.6
180.0	15.000	1153.3	79.4
225.0	15.000	947.8	74.8
270.0	15.000	617.9	67.9
315.0	15.000	953.3	74.9

Contour Overlap to Proposed Station

Station			
WIVE-LP 42 CEIBA	PR BLTTL20030128ABW	causes	

Contour overlap to Digital LPTV station

NEW 42 MONTE JAYUYA - ND PR USERRECORD01

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	Proposed Station Call	City/State	ARN
42	NEW	MONTE JAYUYA - ND PR	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	W34CI	MAYAGUEZ, ETC. PR	66.9	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	21.3	CP	BNPTTL	-20000807ADG
38	WWXY-LP	SAN JUAN PR	50.8	LIC	BLTTL	-20080716AAS
41	WIRS	YAUCO PR	0.0	LIC	BLCDT	-20081006AAY
42	WIVE-LP	CEIBA PR	96.6	LIC	BLTTL	-20030128ABW
42	WEON-LP	FREDERIKSTED VI	186.7	CP	BDISDTL	-20070103ADR
43	WSUR-DT	PONCE PR	0.0	LIC	BLCDT	-20030819ABT
43	WIPR-TV	SAN JUAN PR	55.9	CP MOD	BMPEDT	-20080619AEX
43	WZVI	CHARLOTTE AMALIE VI	175.0	LIC	BLCDT	-20040517AFB
44	W44CK	BAYAMON, SAN JUAN PR	44.5	LIC	BLTTL	-20050713ADH
45	W36DP	YCAMUY PR	45.4	CP	BNPTTL	-20000830AJD
46	W34CI	MAYAGUEZ PR	66.9	CP	BDISTT	-20070828AAO
50	WVQS-LP	ISABEL SEGUNDA PR	120.0	LIC	BLTTL	-20080128ABD

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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	-DTVP1011
27	WAPA-TV	SAN JUAN PR	122.5	LIC	BLCDT	-20060621ACQ
30	WDWL	BAYAMON PR	114.2	CP MOD	BMPCDT	-20081103ACW
30	WDWL	BAYAMON PR	114.2	PLN	DTVPLN	-DTVP1115
31	WSJU-TV	SAN JUAN PR	116.0	PLN	DTVPLN	-DTVP1155
31	WSJU-TV	SAN JUAN PR	116.0	CP MOD	BMPCDT	-20060628ACE
32	WTCV	SAN JUAN PR	116.0	LIC	BLCDT	-20040722ADD