

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-20-2009 Time: 22:56:32

Record Selected for Analysis

NEW USERRECORD-01 GUAYABAL PR US
Channel 49 ERP 15. kW HAAT 293. m RCAMSL 00563 m STRINGENT MASK
Latitude 018-05-02 Longitude 0066-27-22
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017725 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	0.013	33.0	6.0
45.0	0.054	33.0	8.4
90.0	5.400	370.2	53.5
135.0	14.406	496.3	64.0
180.0	15.000	532.1	65.3
225.0	14.406	521.5	64.7
270.0	5.400	329.6	51.5
315.0	0.063	33.0	8.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility is 12.0km from FCC Monitoring station at
Santa Isabel PR
Bearing: 135.0 degrees ERP: 14.41 kW HAAT: 496.4 m
Field = 38.1 mV/m

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
49	NEW	GUAYABAL PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	W34CI	MAYAGUEZ, ETC. PR	81.8	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	20.2	CP	BNPTTL	-20000807ADG
42	WIVE-LP	CEIBA PR	85.9	LIC	BLTTL	-20030128ABW
45	W36DP	YCAMUY PR	61.1	CP	BNPTTL	-20000830AJD
46	W34CI	MAYAGUEZ PR	81.8	CP	BDISTT	-20070828AAO
48	WUJA	CAGUAS PR	42.6	CP	BPEDT	-20080317AET
48	WQSJ-LP	QUEBRADILLAS PR	81.1	CP	BDFCDTA	-20080826ACX
48	WQSJ-LP	QUEBRADILLAS, ETC. PR	66.5	LIC	BLTTL	-20021106AAN
49	W49CZ-D	AGUADA PR	80.0	CP	BDCCDTL	-20061030ADH
49	WVSN	HUMACAO PR	67.3	CP MOD	BMPCDT	-20060719ACQ
50	WQHA	AGUADA PR	80.8	CP	BPCDT	-20080317AEQ
50	WVQS-LP	ISABEL SEGUNDA PR	107.3	LIC	BLTTL	-20080128ABD
50	WVQS-LP	ISABEL SEGUNDA PR	107.3	APP	BSTA	-20070718AEX
50	WVQS-LP	ISABEL SEGUNDA PR	74.5	CP	BDFCDTL	-20080428ACH
51	W51DJ	MAYAGUEZ PR	71.0	LIC	BLTTL	-20060404ADK
51	W51EH-D	PONCE PR	18.6	CP	BDISTTL	-20070607AAY
52	W10CZ-D	SAN JUAN PR	57.7	CP	BNPTTL	-20000807ABY

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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	BLCDT	-20060621ACQ
30	WDWL	BAYAMON PR	114.2	PLN	DTVPLN	-DTVP1114
30	WDWL	BAYAMON PR	114.2	CP MOD	BMPCDT	-20081103ACW
31	WSJU-TV	SAN JUAN PR	116.0	PLN	DTVPLN	-DTVP1155
31	WSJU-TV	SAN JUAN PR	116.0	CP MOD	BMPCDT	-20060628ACE