

Census data selected: 2000

Post DTV Transition Database Selected

# TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-20-2009 Time: 12:48:00

Record Selected for Analysis

WQSJ-LP USERRECORD-01 QUEBRADILLAS PR US  
 Channel 48 ERP 2.1 kW HAAT 330. m RCAMSL 00380 m FULL SERVICE MASK  
 Latitude 018-18-46 Longitude 0067-11-09  
 Status APP Zone 2 Border  
 Dir Antenna Make CDB Model 00000000017720 Beam tilt N Ref Azimuth 90.  
 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	1.663	357.4	46.4
45.0	0.887	279.3	39.2
90.0	0.272	218.2	30.0
135.0	0.887	298.1	40.0
180.0	1.663	380.0	47.3
225.0	0.116	380.0	31.3
270.0	0.093	374.9	29.9
315.0	0.116	351.1	30.5

Contour Overlap to Proposed Station

Station

WQSJ-LP 48 QUEBRADILLAS, ETC. PR BLTTL20021106AAN

Station inside contour of Digital LPTV station

WQSJ-LP 48 QUEBRADILLAS 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
48	WQSJ-LP	QUEBRADILLAS PR	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WQQZ-CA	PONCE PR	53.1	LIC	BLTTL	-19981208JA
34	W34CI	MAYAGUEZ, ETC. PR	0.6	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	70.8	CP	BNPTTL	-20000807ADG
44	W44CK	BAYAMON, SAN JUAN PR	106.7	LIC	BLTTL	-20050713ADH
45	W36DP	YCAMUY PR	37.0	CP	BNPTTL	-20000830AJD
46	W34CI	MAYAGUEZ PR	0.6	CP	BDISTT	-20070828AAO
47	WVOZ-TV	PONCE PR	53.0	CP MOD	BMPCDT	-20060707ADD
48	WUJA	CAGUAS PR	113.7	CP	BPEDT	-20080317AET
48	WQSJ-LP	QUEBRADILLAS, ETC. PR	33.1	LIC	BLTTL	-20021106AAN
49	W49CZ-D	AGUADA PR	2.2	CP	BDCCDTL	-20061030ADH
49	WVSN	HUMACAO PR	140.7	CP MOD	BMPCDT	-20060719ACQ
51	W51DJ	MAYAGUEZ PR	12.2	LIC	BLTTL	-20060404ADK
51	W51EH-D	PONCE PR	69.2	CP	BDISTTL	-20070607AAY
52	W10CZ-D	SAN JUAN PR	117.3	CP	BNPTTL	-20000807ABY
48	NEW	SANTO DOMINGO PR	52.9	APP	USERRECORD-02	

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## Analysis of Interference to Affected Station 1

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WQQZ-CA	PONCE PR	BLTTL	-19981208JA

## Stations Potentially Affecting This Station