

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-23-2009 Time: 15:58:32

Record Selected for Analysis

NEW USERRECORD-01 SANTO DOMINGO - PENU PR US
Channel 48 ERP 15. kW HAAT 337. m RCAMSL 00665 m FULL SERVICE MASK
Latitude 018-04-48 Longitude 0066-44-56
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	33.0	15.5
45.0	0.828	33.0	16.5
90.0	11.881	422.8	60.2
135.0	6.337	546.9	60.4
180.0	1.944	628.7	54.9
225.0	6.337	569.6	61.0
270.0	11.881	439.4	60.9
315.0	0.828	33.0	16.5

Contour Overlap to Proposed Station

Station
WQSJ-LP 48 QUEBRADILLAS, ETC. PR BLTTL20021106AAN causes

Contour overlap to Digital LPTV station

NEW 48 SANTO DOMINGO - PENU 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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
48	NEW	SANTO DOMINGO - PENU PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WQQZ-CA	PONCE PR	0.3	LIC	BLTTL	-19981208JA
34	W34CI	MAYAGUEZ, ETC. PR	53.5	LIC	BLTT	-19971031JA
34	W51EH-D	PONCE PR	18.0	CP	BNPTTL	-20000807ADG
44	W44CK	BAYAMON, SAN JUAN PR	65.0	LIC	BLTTL	-20050713ADH
45	W36DP	YCAMUY PR	44.8	CP	BNPTTL	-20000830AJD
46	W34CI	MAYAGUEZ PR	53.5	CP	BDISTT	-20070828AAO
47	WVOZ-TV	PONCE PR	0.2	CP MOD	BMPCDT	-20060707ADD
48	WUJA	CAGUAS PR	71.1	CP	BPEDT	-20080317AET
48	WQSJ-LP	QUEBRADILLAS PR	52.9	CP	BDFCDTA	-20080826ACX
48	WQSJ-LP	QUEBRADILLAS, ETC. PR	48.4	LIC	BLTTL	-20021106AAN
49	W49CZ-D	AGUADA PR	52.2	CP	BDCCDTL	-20061030ADH
49	WVSN	HUMACAO PR	97.2	CP MOD	BMPCDT	-20060719ACQ
50	WVQS-LP	ISABEL SEGUNDA PR	138.2	LIC	BLTTL	-20080128ABD
50	WVQS-LP	ISABEL SEGUNDA PR	138.2	APP	BSTA	-20070718AEX
51	W51DJ	MAYAGUEZ PR	41.6	LIC	BLTTL	-20060404ADK
51	W51EH-D	PONCE PR	16.3	CP	BDISTTL	-20070607AAY
52	W10CZ-D	SAN JUAN PR	82.1	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.
33	WQQZ-CA	PONCE PR	BLTTL	-19981208JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WQTO	PONCE PR	0.3	CP	BPEDT	-20080620AEL
25	WQTO	PONCE PR	0.3	PLN	DTVPLN	-DTVP0931