

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-23-2009 Time: 18:01:20

Record Selected for Analysis

NEW USERRECORD-01 C.7 PONCE PR US
Channel 18 ERP 15. kW HAAT 152. m RCAMSL 00287 m STRINGENT MASK
Latitude 018-02-52 Longitude 0066-39-16
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	219.1	49.7
135.0	6.337	271.9	49.3
180.0	1.944	269.0	42.9
225.0	6.337	227.4	46.9
270.0	11.881	134.5	44.5
315.0	0.828	33.0	16.5

Contour Overlap to Proposed Station

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	Call	City/State	ARN
18	NEW	C.7 PONCE PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	58.5	LIC	BLTTL	-19940223IC
17	WVEO	AGUADILLA PR	63.0	CP MOD	BMPCDT	-20060705ABD
17	WVXF	CHARLOTTE AMALIE VI	183.5	CP MOD	BMPCDT	-20080618AAX
18	WECN	NARANJITO PR	49.1	CP MOD	BMPCDT	-20090318ABI
19	WKPV	PONCE PR	10.5	CP MOD	BMPCDT	-20040318ABY
20	WIMN-CA	ARECIBO PR	45.2	LIC	BLTTL	-20010102AAX
21	W31DK-D	MAYAGUEZ PR	50.7	CP	BNPTTL	-20000807ADI
22	WXWZ-LP	GUAYAMA PR	56.6	LIC	BLTTL	-19931101IG
26	W26DO	MAYAGUEZ PR	63.1	CP	BNPTTL	-20000830BOK
26	WWKQ-LP	QUEBRADILLAS PR	56.1	LIC	BLTTL	-20041108ABN
26	W26DK	SAN JUAN PR	59.9	LIC	BLTTL	-20070806ADD
26	W26DK	SAN JUAN PR	60.0	APP	BSTA	-20061127AGE

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	BLTTL	-19940223IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMEI	ARECIBO PR	43.9	CP MOD	BMPCDT	-20080620ACV
14	WMEI	ARECIBO PR	43.9	PLN	DTVPLN	-DTVP0506
15	WTIN-TV	PONCE PR	45.6	CP MOD	BMPCDT	-20040803ABE
15	WTIN	PONCE PR	45.6	PLN	DTVPLN	-DTVP0541
15	WVIF	CHRISTIANSTED VI	156.4	PLN	DTVPLN	-DTVP0551
16	WMTJ	FAJARDO PR	39.1	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	39.1	PLN	DTVPLN	-DTVP0575
16	WMTJ	FAJARDO PR	39.1	APP	BMPEDT	-20080620AEH
17	WVEO	AGUADILLA PR	106.9	CP MOD	BMPCDT	-20060705ABD
17	WVEO	AGUADILLA PR	106.9	PLN	DTVPLN	-DTVP0613
17	WVXF	CHARLOTTE AMALIE VI	128.7	CP MOD	BMPCDT	-20080618AAX
17	WVXF	CHARLOTTE AMALIE VI	128.7	PLN	DTVPLN	-DTVP0620
18	WECN	NARANJITO PR	10.7	PLN	DTVPLN	-DTVP0645
18	WECN	NARANJITO PR	10.7	CP MOD	BMPCDT	-20090318ABI