

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-03-2009 Time: 17:55:46

Record Selected for Analysis

NEW USERRECORD-01 ZARZAL CENTENNIAL PR US  
Channel 19 ERP 15. kW HAAT 210. m RCAMSL 00327 m FULL SERVICE MASK  
Latitude 018-20-53 Longitude 0065-46-06  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000017716 Beam tilt N Ref Azimuth 290.  
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	0.054	315.8	25.5
45.0	0.013	321.9	18.8
90.0	0.013	285.8	17.6
135.0	0.013	128.8	11.5
180.0	0.013	33.0	6.0
225.0	0.360	33.0	13.4
270.0	11.616	247.3	51.1
315.0	10.086	322.0	54.5

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

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#### Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
19	NEW	ZARZAL CENTENNIAL PR	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	42.3	LIC	BLTTTL	-19940223IC
18	WECN	NARANJITO PR	53.0	CP MOD	BMPCDT	-20090318ABI
19	WKPV	PONCE PR	107.6	CP MOD	BMPCDT	-20040318ABY
20	WIMN-CA	ARECIBO PR	92.4	LIC	BLTTTL	-20010102AAX
20	WIMN-CA	ARECIBO PR	92.4	CP	BDFCDTA	-20080512AAM
20	WIVE-LD	CEIBA PR	12.8	CP	BDCCDTL	-20061026AAC
20	WSJN-CA	SAN JUAN PR	42.5	CP	BDISDTA	-20090129AAF
20	WSVI	CHRISTIANSTED VI	121.8	CP MOD	BMPCDT	-20081024ABS
22	WXWZ-LP	GUAYAMA PR	51.0	LIC	BLTTTL	-19931101IG
22	WMNS-LP	CHARLOTTE AMALIE VI	86.6	LIC	BLTTTL	-20041015ABV
26	WWKQ-LP	QUEBRADILLAS PR	123.1	LIC	BLTTTL	-20041108ABN
26	W26DK	SAN JUAN PR	44.5	LIC	BLTTTL	-20070806ADD
26	W26DK	SAN JUAN PR	44.5	APP	BSTA	-20061127AGE

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#### Analysis of Interference to Affected Station 1

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	BLTTTL	-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	-DTVP0507
15	WTIN	PONCE PR	45.6	PLN	DTVPLN	-DTVP0542
15	WTIN-TV	PONCE PR	45.6	CP MOD	BMPCDT	-20040803ABE
15	WVIF	CHRISTIANSTED VI	156.4	PLN	DTVPLN	-DTVP0552
16	WMTJ	FAJARDO PR	39.1	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	39.1	PLN	DTVPLN	-DTVP0576
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	-DTVP0614
17	WVXF	CHARLOTTE AMALIE VI	128.7	CP MOD	BMPCDT	-20080618AAX
17	WVXF	CHARLOTTE AMALIE VI	128.7	PLN	DTVPLN	-DTVP0621
18	WECN	NARANJITO PR	10.7	PLN	DTVPLN	-DTVP0646