

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-15-2009 Time: 16:48:31

Record Selected for Analysis

NEW USERRECORD-01 MARQUESA WUJA DA4 PR US  
Channel 17 ERP 15. kW HAAT 312. m RCAMSL 00532 m FULL SERVICE MASK  
Latitude 018-16-48 Longitude 0066-06-33  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000017713 Beam tilt N Ref Azimuth 14.  
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	13.939	466.3	62.9
45.0	14.406	427.6	61.5
90.0	0.091	412.3	30.8
135.0	0.013	382.3	20.2
180.0	0.013	126.1	11.4
225.0	0.013	92.3	10.0
270.0	0.013	156.0	12.7
315.0	2.761	436.9	52.0

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
17	NEW	MARQUESA WUJA DA4 PR	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WVGN-LP	CHARLOTTE AMALIE VI	120.4	LIC	BLTTTL	-20031204AIR
15	WSJN-CA	SAN JUAN PR	6.2	LIC	BLTTTL	-19940223IC
16	WMTJ	FAJARDO PR	33.3	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	33.3	APP	BMPEDT	-20080620AEH
17	WVEO	AGUADILLA PR	112.9	CP MOD	BMPCDT	-20060705ABD
17	WVXF	CHARLOTTE AMALIE VI	122.9	CP MOD	BMPCDT	-20080618AAX
18	WECN	NARANJITO PR	16.7	CP MOD	BMPCDT	-20090318ABI
20	WIMN-CA	ARECIBO PR	59.0	LIC	BLTTTL	-20010102AAX
21	W31DK-D	MAYAGUEZ PR	106.3	CP	BNPTTL	-20000807ADI
24	WSJX-LP	AQUADILLA PR	110.9	LIC	BLTTTL	-20050407AAH

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#### Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WVGN-LP	CHARLOTTE AMALIE VI	BLTTTL	-20031204AIR

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMEI	ARECIBO PR	168.6	CP MOD	BMPCDT	-20080620ACV
14	WMEI	ARECIBO PR	168.6	PLN	DTVPLN	-DTVP0507
15	WVIF	CHRISTIANSTED VI	69.3	PLN	DTVPLN	-DTVP0552
16	WMTJ	FAJARDO PR	87.1	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	87.1	PLN	DTVPLN	-DTVP0576
16	WMTJ	FAJARDO PR	87.1	APP	BMPEDT	-20080620AEH
17	WVXF	CHARLOTTE AMALIE VI	2.5	CP MOD	BMPCDT	-20080618AAX
17	WVXF	CHARLOTTE AMALIE VI	2.5	PLN	DTVPLN	-DTVP0621
18	WECN	NARANJITO PR	136.9	PLN	DTVPLN	-DTVP0646
18	WECN	NARANJITO PR	136.9	CP MOD	BMPCDT	-20090318ABI
21	WJPX	SAN JUAN PR	93.5	PLN	DTVPLN	-DTVP0774
21	WJPX	SAN JUAN PR	93.5	LIC	BLCDDT	-20060621ACJ
28	WKAQ-TV	SAN JUAN PR	117.3	LIC	BLCDDT	-20020201AAG
28	WKAQ-TV	SAN JUAN PR	117.3	PLN	DTVPLN	-DTVP1048
29	W29CB	ST. THOMAS VI	0.5	LIC	BLTTTL	-19971105II
17	NEW	MARQUESA WUJA DA4 PR	120.4	APP	USERRECORD-01	