

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-19-2009 Time: 15:16:14

Record Selected for Analysis

NEW USERRECORD-01 LOS MACHOS PR US
Channel 18 ERP 3.43 kW HAAT 243. m RCAMSL 00311 m STRINGENT MASK
Latitude 018-17-01 Longitude 0065-40-29
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017708 Beam tilt N Ref Azimuth 110.
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	8.893	286.9	51.9
45.0	14.406	302.8	55.3
90.0	13.824	309.4	55.5
135.0	13.395	301.9	54.9
180.0	14.702	266.0	53.4
225.0	7.350	244.4	48.6
270.0	0.661	33.0	15.5
315.0	0.726	198.4	34.0

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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
18	NEW	LOS MACHOS PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WVGN-LP	CHARLOTTE AMALIE VI	74.7	LIC	BLTTL	-20031204AIR
15	WSJN-CA	SAN JUAN PR	51.8	LIC	BLTTL	-19940223IC
17	WVEO	AGUADILLA PR	158.7	CP MOD	BMPCDT	-20060705ABD
17	NEW	SALINAS PR	62.5	APP	BNPDTL	-20090825BAU
17	NEW	TOA BAJA PR	45.9	APP	BNPDTL	-20090825BIP
17	WVXF	CHARLOTTE AMALIE VI	77.2	CP MOD	BMPCDT	-20080618AAX
18	WECN	NARANJITO PR	62.5	CP MOD	BMPCDT	-20090318ABI
18	NEW	SANTA ISABEL PR	106.7	APP	BNPDTL	-20090825BLH
19	NEW	CATANO PR	47.9	APP	BNPDTL	-20090825ARJ
19	NEW	LUQUILLO PR	12.2	APP	BNPDTL	-20090825AWI
19	WKPV	PONCE PR	115.6	LIC	BLCDT	-20081002AAX
20	WIMN-CA	ARECIBO PR	103.3	LIC	BLTTL	-20010102AAX
22	WXWZ-LP	GUAYAMA PR	54.6	LIC	BLTTL	-19931101IG
22	WMNS-LP	CHARLOTTE AMALIE VI	77.1	LIC	BLTTL	-20041015ABV
26	WWKQ-LP	QUEBRADILLAS PR	133.9	LIC	BLTTL	-20041108ABN
26	W26DK-D	SAN JUAN PR	55.0	APP	BSTA	-20061127AGE

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WVGN-LP	CHARLOTTE AMALIE VI	BLTTL	-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	-DTVP0508
15	NEW	CULEBRA PR	34.9	APP	BNPDTL	-20090825BAN
15	WVIF	CHRISTIANSTED VI	69.3	PLN	DTVPLN	-DTVP0553
16	WMTJ	FAJARDO PR	87.1	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	87.1	PLN	DTVPLN	-DTVP0577
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	-DTVP0622
18	WECN	NARANJITO PR	136.9	CP MOD	BMPCDT	-20090318ABI
18	WECN	NARANJITO PR	136.9	PLN	DTVPLN	-DTVP0647
21	WJPX	SAN JUAN PR	93.5	LIC	BLCDT	-20060621ACJ
21	WJPX	SAN JUAN PR	93.5	PLN	DTVPLN	-DTVP0775
28	WKAQ-TV	SAN JUAN PR	117.3	LIC	BLCDT	-20020201AAG