

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-19-2009 Time: 15:36:15

Record Selected for Analysis

NEW USERRECORD-01 LOS MACHOS PR US
Channel 21 ERP 5.7 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

Station
WXWZ-LP 22 GUAYAMA PR BLTTL19931101IG

Station inside contour of Digital LPTV station
NEW 21 LOS MACHOS PR USERRECORD01

Station
WMNS-LP 22 CHARLOTTE AMALIE VI BLTTL20041015ABV causes

Contour overlap to Digital LPTV station

NEW 21 LOS MACHOS 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
21	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
20	WIMN-CA	ARECIBO PR	103.3	CP	BDFCDTA	-20080512AAM
20	WIMN-CA	ARECIBO PR	103.3	APP	BMPDTA	-20090824AKA
20	WIMN-CA	ARECIBO PR	103.3	LIC	BLTTL	-20010102AAX
20	WIVE-LD	CEIBA PR	0.6	CP	BDCCDTL	-20061026AAC
20	WSJN-CA	SAN JUAN PR	52.0	CP	BDISDTA	-20090129AAF
20	WSVI	CHRISTIANSTED VI	109.6	CP MOD	BMPCDT	-20081024ABS
21	W34CI	MAYAGUEZ PR	160.1	CP	BDISDTT	-20090605AAV
21	W31DK-D	MAYAGUEZ PR	152.0	CP	BNPTTL	-20000807ADI
21	WJPX	SAN JUAN PR	18.9	LIC	BLCDT	-20060621ACJ
22	NEW	CAROLINA PR	18.9	APP	BNPDTL	-20090827ACK
22	WXWZ-LP	GUAYAMA PR	54.6	LIC	BLTTL	-19931101IG
22	WOST	MAYAGUEZ PR	159.9	CP	BPCDT	-20080303AKY
22	WMNS-LP	CHARLOTTE AMALIE VI	77.1	CP	BDFCDTL	-20060327AIN
22	WMNS-LP	CHARLOTTE AMALIE VI	77.1	CP	BDFCDTL	-20090611AAN
22	WMNS-LP	CHARLOTTE AMALIE VI	77.1	LIC	BLTTL	-20041015ABV
29	W29CB	ST. THOMAS VI	75.2	LIC	BLTTL	-19971105II

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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	BLTTL	-20031204AIR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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