

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-22-2012 Time: 19:06:43

Record Selected for Analysis

TVRMARAV USERRECORD-01 TVRMARAVILL16_17713 XX US
Channel 16 ERP 15. kW HAAT 769. m RCAMSL 01258 m FULL SERVICE MASK
Latitude 018-09-15 Longitude 0066-33-15
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000017713 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
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.013	629.0	24.9
45.0	0.013	588.9	24.4
90.0	0.013	696.0	25.8
135.0	9.361	982.5	71.9
180.0	15.000	1062.1	77.3
225.0	9.361	953.9	71.4
270.0	0.013	516.6	23.4
315.0	0.013	725.4	26.2

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

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
16	TVRMARAV	TVRMARAVILL16_17713 XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	W15CX-D	CULEBRA PR	133.7	CP	BNPDTL	-20090825BAN
15	WTIN-TV	PONCE PR	2.9	LIC	BLCDDT	-20081029ABZ
16	WMTJ	FAJARDO PR	82.0	CP MOD	BMPEDT	-20080620AEH
16	WMTJ	FAJARDO PR	82.0	LIC	BLEDT	-20090303AAB
17	WVEO	AGUADILLA PR	68.4	LIC	BLCDDT	-20071116ACV
17	W17DK-D	SALINAS PR	34.5	CP	BNPDTL	-20090825BAU
17	W17DL-D	TOA BAJA PR	49.0	CP	BNPDTL	-20090825BIP
17	WVXF	CHARLOTTE AMALIE VI	171.1	LIC	BLCDDT	-20090623ABB
20	WPRU-LP	AQUADILLA PR	69.0	LIC	BLTTL	-20101020ABE
20	WIMN-CA	ARECIBO PR	34.5	LIC	BLTTL	-20010102AAX
24	WSJX-LP	AQUADILLA PR	69.0	LIC	BLTTL	-20050407AAH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	W15CX-D	CULEBRA PR	BNPDTL	-20090825BAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMEI	ARECIBO PR	133.8	LIC	BLCDDT	-20090723AEO
14	WVGN-LP	CHARLOTTE AMALIE VI	34.9	LIC	BLTTL	-20031204AIR
15	WTIN-TV	PONCE PR	135.9	LIC	BLCDDT	-20081029ABZ
16	WMTJ	FAJARDO PR	52.3	CP MOD	BMPEDT	-20080620AEH
16	WMTJ	FAJARDO PR	52.3	LIC	BLEDT	-20090303AAB
16	TVRMARAV	TVRMARAVILL16_17713 XX	133.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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