

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: 03-25-2012 Time: 17:40:30

Record Selected for Analysis

TVRMAR45 USERRECORD-01 TVRMAR45-17713-0_2KM XX US
Channel 45 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 0.20 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
45	TVRMAR45	TVRMAR45-17713-0_2KM XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WSJP-LP	AQUADILLA PR	69.0	LIC	BLTTL	-20050411AAY
38	WWXY-LP	SAN JUAN PR	49.0	LIC	BLTTL	-20080716AAS
42	WIVE-LP	CEIBA PR	94.5	LIC	BLTTL	-20030128ABW
44	W44CK	BAYAMON, SAN JUAN PR	42.9	LIC	BLTTL	-20050713ADH
44	W44DH-D	CAGUAS PR	57.2	CP	BNPDTL	-20100112ADV
44	NEW	CAYEY PR	40.4	APP	BNPDTL	-20101020AAV
44	W44CS-D	GUAYAMA PR	47.9	LIC	BLDTL	-20100216AAB
44	NEW	MAYAGUEZ PR	69.4	APP	BNPDTL	-20101021ADF
44	W21CX-D	MAYAGUEZ PR	69.6	APP	BDISDTL	-20101108ABJ
44	W44DA-D	PONCE PR	17.3	CP	BNPDTL	-20090828ADY
44	W44CK	SAN JUAN PR	43.7	CP	BDFCDTL	-20111102AIE
44	W44CV-D	UTUADO PR	19.0	CP	BNPDTL	-20090825BIG
44	WTJX-TV	CHARLOTTE AMALIE VI	171.1	LIC	BLEDT	-20040823ABI
44	WTJX-TV	CHARLOTTE AMALIE VI	171.0	CP	BPEDT	-20091013AFO
45	WIDP	GUAYAMA PR	75.3	LIC	BLCDT	-20071113ACX
45	WTPM-LD	MAYAGUEZ-ANASCO PR	68.9	LIC	BLDTL	-20090819AEX
45	W45DQ-D	CHRISTIANSTED VI	190.8	CP	BNPDTL	-20090921ADD
46	WCCV-TV	ARECIBO PR	23.5	LIC	BLCDT	-20090612AFO
46	W46EO-D	CULEBRA PR	133.7	CP	BNPDTL	-20090825BAL
46	W46ES-D	PONCE PR	17.3	CP	BNPDTL	-20090828ADR

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WSJP-LP	AQUADILLA PR	BLTTL	-20050411AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WOST	MAYAGUEZ PR	11.0	LIC	BLCDT	-20090813AAM
23	WNJX-TV	MAYAGUEZ PR	33.6	LIC	BLCDT	-20081029ACA
27	WAPA-TV	SAN JUAN PR	120.7	LIC	BLCDT	-20060621ACQ
28	WKAQ-TV	SAN JUAN PR	120.4	LIC	BLCDT	-20020201AAG
28	WKAQ-TV	SAN JUAN PR	120.4	CP	BPCDT	-20100616ADC
29	WORA-TV	MAYAGUEZ PR	33.2	LIC	BLCDT	-20081118AFU
30	WDWL	BAYAMON PR	110.8	LIC	BLCDT	-20091124ADX