

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-19-2009 Time: 15:58:32

Record Selected for Analysis

NEW USERRECORD-01 ST THOMAS VI US
Channel 49 ERP 15. kW HAAT 500. m RCAMSL 00515 m STRINGENT MASK
Latitude 018-21-28 Longitude 0064-56-53
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000017708 Beam tilt N Ref Azimuth 30.
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	12.974	515.0	63.9
45.0	14.114	507.7	64.2
90.0	14.114	492.7	63.8
135.0	10.086	499.7	61.9
180.0	0.794	513.2	47.1
225.0	0.693	514.5	46.3
270.0	5.953	442.9	56.9
315.0	14.553	515.0	64.6

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
49	NEW	ST THOMAS - WJTX PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WJWM-LP	CHRISTIANSTED VI	68.6	LIC	BLTTL	-20080314AEL
35	W35CE	CHRISTIANSTED VI	75.1	CP	BNPTT	-20000830BGV
42	WIVE-LP	CEIBA PR	76.6	LIC	BLTTL	-20030128ABW
48	WUJA	CAGUAS PR	122.8	CP	BPEDT	-20080317AET
48	NEW	GUAYANILLA PR	192.6	APP	BNPDTL	-20090825BLW
49	W49CZ-D	AGUADA PR	234.5	CP	BDCCDTL	-20061030ADH
49	WVSN	HUMACAO PR	95.9	CP MOD	BMPCDT	-20060719ACQ
49	NEW	JUANA DIAZ PR	162.1	APP	BNPDTL	-20090825BAY
49	NEW	ST CROIX VI	68.7	APP	BNPDTL	-20090825BGZ
50	NEW	CAYEY PR	138.7	APP	BNPDTL	-20090825BAS
50	WVQS-LP	ISABEL SEGUNDA PR	57.9	APP	BSTA	-20070718AEX
50	WVQS-LP	ISABEL SEGUNDA PR	89.3	CP	BDFCDTL	-20080428ACH
50	WVQS-LP	ISABEL SEGUNDA PR	57.9	LIC	BLTTL	-20080128ABD
50	NEW	PONCE PR	162.1	APP	BNPDTL	-20090825BAV
52	W10CZ-D	SAN JUAN PR	120.6	CP	BNPTTL	-20000807ABY
52	WEYA-LP	CHRISTIANSTED VI	75.1	LIC	BLTTL	-20050207ABB

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WJWM-LP	CHRISTIANSTED VI	BLTTL	-20080314AEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WAPA-TV	SAN JUAN PR	138.1	PLN	DTVPLN	-DTVP1011
27	WAPA-TV	SAN JUAN PR	138.1	LIC	BLCDT	-20060621ACQ
32	WTCV	SAN JUAN PR	121.8	PLN	DTVPLN	-DTVP1193
32	WTCV	SAN JUAN PR	121.8	CP	BPCDT	-20070125AAX
33	WRUA	FAJARDO PR	121.8	PLN	DTVPLN	-DTVP1228
33	WRUA	FAJARDO PR	121.8	CP MOD	BMPCDT	-20080902ABJ
34	WELU	AGUADILLA PR	235.7	CP MOD	BMPEDT	-20040316AFD
34	WELU	AGUADILLA PR	235.7	PLN	DTVPLN	-DTVP1269
34	NEW	TRUJILLO ALTO PR	142.9	APP	BNPDTL	-20090825BHW
34	NEW	VIEQUES PR	79.5	APP	BNPDTL	-20090825BGV
35	W35CE	CHRISTIANSTED VI	12.2	CP	BNPTT	-20000830BGV
49	WVSN	HUMACAO PR	125.5	CP MOD	BMPCDT	-20060719ACQ
49	WVSN	HUMACAO PR	125.5	PLN	DTVPLN	-DTVP1751
49	NEW	ST CROIX VI	0.1	APP	BNPDTL	-20090825BGZ