

1990 Census data selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-05-2008 Time: 17:32:29

Record Selected for Analysis

W45CD-D. USERRECORD-01 FENCE WI US
 Channel 45 ERP 1.18 kW HAAT 181. m RCAMSL 00623 m SIMPLE MASK
 Latitude 045-44-08 Longitude 0088-25-40
 Status APP Zone 1 Border
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 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	1.180	188.7	36.0
45.0	1.180	195.9	36.4
90.0	1.180	199.7	36.6
135.0	1.180	187.7	35.9
180.0	1.180	173.2	35.1
225.0	1.180	160.4	34.3
270.0	1.180	172.6	35.1
315.0	1.180	169.9	34.9

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
 Distance to border = 251.1km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

 Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
45	W45CD-D.	FENCE WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	W31BK	MENOMINEE MI	90.4	LIC	BLTTTL	-20070810AAF
31	W31BA	MINOCQUA WI	107.6	LIC	BLTTTL	-20001012ABM
44	960920YF	GREEN BAY WI	139.8	APP	BPCT	-19960920YF
45	W45CY	MARQUETTE MI	113.1	CP	BNPTTL	-20000830AHR
45	WFUP	VANDERBILT MI	293.5	LIC	BLCT	-19970626KE
45	WFUP	VANDERBILT MI	293.5	APP	BSTA	-20070420ABL
45	K45JE	HIBBING MN	391.6	CP	BNPTTL	-20000830BJS
45	K45JE	HIBBING MN	392.4	APP	BDFCDTL	-20070329AGK
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	375.2	LIC	BLCT	-20020318AAJ
45	W45CI	ASHLAND WI	208.2	LIC	BLTTTL	-20030108ABR
45	W45CI	ASHLAND WI	208.2	CP	BDFCDTT	-20060331BJF
45	W45CF	ELK MOUND WI	250.2	LIC	BLTTTL	-20041021ACA
45	960722KN	RICHLAND CENTER WI	284.2	APP	BPCT	-19960722KN
46	WTPX	ANTIGO WI	110.7	LIC	BMLCDT	-20041015ADT
46	W31CI	WHITING WI	164.4	LIC	BLTTTL	-20001201AAG
48	NEW	WAUSAUKEE WI	54.7	ADD	BPRM	-19960725AAT
49	DWUPT-CA	CRYSTAL FALLS MI	48.1	LIC	BLTT	-19800818IC
52	W52DV	RHINELANDER WI	61.0	CP	BNPTT	-20000830BON
52	W52DU	WAUSAU WI	134.0	CP	BNPTTL	-20000831AVC

[illegible]

Study of this proposal found the following interference problem(s):

NONE.