

Wausau14_2_summary
Summary Study

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

Date: 03-25-2011 Time: 13:15:19

Record Selected for Analysis

20100524 USERRECORD-01 WAUSAU WI US
Channel 14 ERP 7. kw HAAT 117. m RCAMSL 00519 m STRINGENT MASK
Latitude 044-58-58 Longitude 0089-36-05
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 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 1.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

Site number 1			
Azimuth (Deg)	ERP (kw)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.339	109.6	24.3
45.0	1.011	79.5	26.5
90.0	5.925	115.2	39.6
135.0	6.185	135.5	41.2
180.0	7.000	142.2	42.3
225.0	6.185	122.5	40.3
270.0	5.925	125.5	40.3
315.0	1.011	103.4	29.5

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

SPACING VIOLATION FOUND BETWEEN STATION

20100524 14 WAUSAU WI USERRECORD01 Site # 01

and station

Wausau14_2_summary

SHORT TO: W14CE 14 ESCANABA MI BSTA 20060410ADH
 045-44-43 0087-03-14
 Req. separation 244.6 Actual separation 216.8 Short 27.8 km

SHORT TO: W14CE 14 ESCANABA MI BLTT 20070110AAE
 045-44-43 0087-03-14
 Req. separation 244.6 Actual separation 216.8 Short 27.8 km

SHORT TO: WIJC-LP 14 LA CROSSE WI BDISTT 20100830AAB
 043-49-59 0091-14-56
 Req. separation 244.6 Actual separation 183.2 Short 61.4 km

SHORT TO: NEW 14 TOMAHAWK WI BNPDTL 20100510AFF
 045-30-19 0089-42-17
 Req. separation 244.6 Actual separation 58.6 Short 186.0 km

SHORT TO: WJFW-TV 16 RHINELANDER WI BLCDT 20070222AOP
 045-40- 3 0089-12-29
 Req. separation => 24.1 <= 96.6 Actual separation 82.1 Short 14.5(58.0) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

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 within the Canadian coordination distance
 Distance to border = 333.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

 Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
14	20100524	WAUSAU WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	CEDAR FALLS IA	366.9	APP	BNPDTL	-20101013ABA
14	W14CE	ESCANABA MI	216.2	APP	BSTA	-20060410ADH

14	W14CE	ESCANABA MI	216.2	LIC	BLTT	-20070110AAE
14	NEW	GRAYLING MI	373.1	APP	BNPDTL	-20100223ADE
14	WMNN-LD	LAKE CITY MI	348.9	LIC	BLDTL	-20110228ABP
14	NEW	PETOSKEY MI	362.4	APP	BNPDTL	-20090825ABP
14	KLKS-LP	BREEZY POINT MN	402.8	LIC	BLTTL	-19950313IB
14	NEW	DULUTH MN	279.5	APP	BNPDTL	-20090825AWT
14	K14KD-D	FROST MN	377.7	LIC	BLDTL	-20090730ACO
14	K14KH	MINNEAPOLIS MN	288.6	LIC	BLTTA	-20040722ABJ
14	K14KH	MINNEAPOLIS MN	288.6	CP	BDFCDTA	-20090721ACH
14	NEW	OAKLAND MN	313.7	APP	BNPDTL	-20100510AJW
14	NEW	ROCHESTER MN	249.9	APP	BNPDTL	-20100721DRG
14	WIJC-LP	LA CROSSE WI	182.9	CP	BDISTT	-20100830AAB
14	NEW	TOMAHAWK WI	58.6	APP	BNPDTL	-20100510AFF
15	WQOW	EAU CLAIRE WI	148.2	CP MOD	BMPCDT	-20041001AOM
15	NEW	LA CROSSE WI	169.6	APP	BNPDTL	-20100201AET
15	WWAZ-TV	RIPON WI	144.2	CP MOD	BMPCDT	-20110104ABC
15	W18CU-D	SISTER BAY WI	199.0	APP	BDISDTT	-20110121AAB
17	W17CF	OSHKOSH WI	132.9	LIC	BLTT	-19990608JA

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

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