

[Exhibit 13]

## **Non-Interference Compliance**

Regarding Facility id 145382

Channel 224

### **Description of Exhibit 13 Contents**

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

**Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.**

Page 2 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dB $\mu$  F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

## Adjacent Channel Study For Station W224CA, Facility\_id: 145382

### Co-channel through third adjacent:

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Char	Adj	Dist	Overlap
681010	145387	BNPFT-20030822AIK	W227AT	GREAT LAKES COMMUNITY BRO	D	MANISTEE	MI	CP	0.01	348	227	3	34.5	0
1434872	145404	BLFT-20110708ACM	W227AS	FIRST VENTURES CAPITAL PART	D	WHITEHALL	MI	LIC	0.01	207	227	3	57.1	0
1192335	145377	BLFT-20070622ADT	W227BB	RADIO ASSIST MINISTRY, INC.	D	FREMONT	MI	LIC	0.01	250	227	3	63.1	0
1501699	190432	BNPH-20120525AEE	NEW	CULPEPPER, RICHARD L	C3	ONEKAMA	MI	CP	11.5	376	227	3	70.8	0
1073820	89477	BLH-20050805AAN	WLAW	RADIO LICENSE HOLDING CBC, I	A	NEWAYGO	MI	LIC	2.25	392.3	223	1	79.6	0
1421338	57414	BLH-20110224AAK	WBNZ	ROY E. HENDERSON	C2	FRANKFORT	MI	LIC	50	346	222	2	80.2	0
1506393	189472	BLH-20120723ADX	WMPA	WGHN, INC.	A	FERRYSBURG	MI	LIC	6	249	226	2	96.9	0
1427758	72105	BLH-20110518ACV	WGHN-FM	WGHN, INC.	A	GRAND HAVEN	MI	LIC	6	249	221	3	96.9	0
195200	14701	BMLH-19940223KM	WLTU	CUB RADIO, INC.	A	MANITOWOC	WI	LIC	3.7	333	221	3	98	0
612013	26006	BMLH-20020403AAK	WAUN-FM	MAGNUM BROADCASTING, INC.	A	KEWAUNEE	WI	LIC	6	322	224	0	112.1	0
603099	5207	BMLH-20020517AAG	WJZQ	WKJF RADIO, INC.	C1	CADILLAC	MI	LIC	100	612	225	1	124.1	0
1086384	59974	BLH-20050923AAH	WLDB	MILWAUKEE RADIO ALLIANCE, L	B	MILWAUKEE	WI	LIC	16	468	227	3	149.5	0
209875	71542	BLH-19950601KA	WMBZ	MAGNUM COMMUNICATIONS, IN	B	WEST BEND	WI	LIC	17.5	474	223	1	159.5	0

### Intermediate Frequencies (53 and 54 channels difference):

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
97443	70525	BLH-19870203KB	WTCM-FM	WTCM RADIO, INC.	C0	TRAVERSE CITY	MI	LIC	100	614	278	54	84.1	59.1
1570406	155590	BNPFT-20130829AHI	W278BQ	SISTER GRACE, INC.	D	MANITOWOC	WI	CP	0.25	209	278	54	99	89