

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 145377

Channel 227

### **Description of Exhibit 12 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.

Since the proposed translator is within 320 km of the Canadian border, 47 C.F.R. § 74.1235(d) has been taken into account and this applicant certifies that in no direction does the 34 dB $\mu$  F(50,10) extend beyond 60 km, and this application is therefore in full compliance with 47 C.F.R. § 74.1235(d)(3), which states that "the distance to the 34 dB $\mu$  interfering contour may not exceed 60 km in any direction," and hence complies with 47 C.F.R. § 74.1204(h).

**Adjacent Channel Study  
For Station W227BB, Facility\_id: 145377**

**Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
681009	145404	BNPFT	20030822AJ	W227AS	RADIO ASSIST MINISTRY, INC.	D	WHITEHALL	MI	CP	0.01	353	227	0	31.5	0
637937	145380	BNPFT	20030317HQP	NEW	RADIO ASSIST MINISTRY, INC.	D	JENISON	MI	APP	0.01	487.2	227	0	57.6	0
1156045	145382	BMPFT	20061023AAL	W226BB	RADIO ASSIST MINISTRY INC.	D	LUDINGTON	MI	CP MOD	0.027	273	226	1	60.3	0
613526	13676	BLH	20021002ABE	WYVN	MIDWEST COMMUNICATIONS, INC.	A	SAUGATUCK	MI	LIC	3.3	311	224	3	89.4	0
621730	87890	BLH	20030109AES	WKAD	CADILLAC BROADCASTING, LLC	A	HARRIETTA	MI	LIC	4.3	517	229	2	93.9	0
21196	73606	BLH	19800616AK	WBCT	CLEAR CHANNEL RADIO LCENSES, INC.	B	GRAND RAPIDS	MI	LIC	320	486	229	2	99.3	0
1068262	73606	BXLH	20050615ACQ	WBCT	CLEAR CHANNEL BROADCASTING LICENSES, INC	B	GRAND RAPIDS	MI	LIC	70	427	229	2	99.3	0