

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 143879

Channel 219

### **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 dBμ 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 W220DT, Facility\_id: 143879**

**Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
161682	38568	BLH	19910530KA	WZAQ	LOUISA COMMUNICATIONS, INC.	A	LOUISA	KY	LIC	4.5	347	222	3	68.2	0
187023	66187	BLED	19930604KB	WOSP	THE OHIO STATE UNIVERSITY	A	PORTSMOUTH	OH	LIC	0.11	601	218	1	71.8	0
201221	1607	BLFT	19940725TF	W216AT	AMERICAN FAMILY ASSOCIATION	D	ASHLAND	KY	LIC	0.055	244	216	3	75.5	0
650390	157086	BNPFT	20030317JYX	NEW	R & L NON-COM	D	ROSEMOUNT	OH	APP	0.055	247	222	3	78.8	0
584417	30191	BLH	20011015AEZ	WBVX	MORTENSON BROADCASTING COMPANY	C2	CARLISLE	KY	LIC	32	460	221	2	84.1	0
1158646	4303	BLED	20061115AAL	WUKY	BOARD OF TRUSTEES, UNIVERSITY OF KENTUCKY	C1	LEXINGTON	KY	LIC	100	500.4	217	2	86.9	0
87210	39872	BLED	19860409KB	WMEJ	MARANATHA BROADCASTING INC.	A	PROCTORVILLE	OH	LIC	3	312	220	1	91.7	0
1038315	81315	BPED	19960328MC	WKAQ	POSITIVE ALTERNATIVE RADIO, INC.	B1	ASHLAND	KY	CP	7	317	216	3	91.9	0
262631	4303	BLED	19980219KD	WUKY	BD. OF TRUSTEES UNIV. OF KENTUCKY	C	LEXINGTON	KY	LIC	0.245	387	217	2	97.1	0
256158	56225	BLED	19971028KA	WWJD	ALICE LLOYD COLLEGE	C3	PIPPA PASSES	KY	LIC	7.3	588	219	0	105.2	0
137757	4303	BLED	19891211KA	WUKY	BD. OF TRUSTEES UNIV. OF KENTUCKY	C	LEXINGTON	KY	LIC	95	562	217	2	119.6	0
1110774	19794	BLH	20060202ADE	WYGE	ETHEL HUFF BROADCASTING, LLC	C2	LONDON	KY	LIC	23.5	582	222	3	125.1	0
151537	74302	BLED	19900813KA	WVXU	XAVIER UNIVERSITY	B	CINCINNATI	OH	LIC	26	418	219	0	141.8	0