

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 153553

Channel 289

### **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.

## Adjacent Channel Study For Station K291AT, Facility\_id: 153553

### Co-channel through third adjacent:

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
174375	62091	BLFT	19920609TA	K288CY	ST. AMBROSE COLLEGE	D	BETTENDORF	IA	LIC	0.043	235	288	1	8.8	0
675560	133749	BNPL	20010615AHS	NEW	IOWA DEPARTMENT OF TRANSPORTATION	L1	MUSCATINE GARAGE	IA	APP	0	212	289	0	34.7	0
628585	138367	BNPFT	20030314BWW	NEW	AMFM RADIO LICENSES, LLC	D	PORT CARGAILL	MN	APP	0.25	215	292	3	39.7	0
1084093	165358	BSFH	20050812ASC	NEW	CUMULUS LICENSING LLC	A	ERIE	IL	APP	0	0	288	1	43.1	0
1120102	166073	BNPH	20060309ADE	NEW	ACE RADIO CORPORATION	A	ERIE	IL	APP	3.3	323.1	288	1	47.7	0
1113331	166073	BSFH	20050812AWP	NEW	ACE RADIO CORPORATION	A	ERIE	IL	APP	0	0	288	1	48.7	0
1172502	153880	BMPFT	20070209AAN	W290AW	HORIZON CHRISTIAN FELLOWSHIP	D	SAVANNA	IL	APP	0.205	294	290	1	64.7	0
681132	153604	BNPFT	20030825ACM	K291AR	RADIO ASSIST MINISTRY, INC.	D	MOUNT VERNON	IA	CP	0.14	372	291	2	65.9	0
602685	76984	BLH	20010413AAG	WKAY	GALESBURG BROADCASTING COMPANY	A	KNOXVILLE	IL	LIC	3.7	354	287	2	71.1	0
682990	153880	BNPFT	20030828ABG	W290AW	RADIO ASSIST MINISTRY, INC.	D	SAVANNA	IL	CP	0.01	361	290	1	77.3	0
681864	153903	BNPFT	20030826ACD	W291AU	RADIO ASSIST MINISTRY, INC.	D	STERLING	IL	CP	0.01	296	291	2	79.4	0
1031622	12717	BPH	20041209ABL	KLYV	CUMULUS LICENSING LLC	C2	DUBUQUE	IA	CP	50	359	287	2	106.9	0
296616	12717	BLH	6984	KLYV		C2	DUBUQUE	IA	LIC	50	361	287	2	106.9	0

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

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
282917	39857	BLH	19990316KC	KMAQ-FM	MAQUOKETA BROADCASTING COMPANY	A	MAQUOKETA	IA	LIC	6	335	236	53	61	51
570142	23038	BLH	20010615AMM	WAAG	GALESBURG BROADCASTING CO.	B	GALESBURG	IL	LIC	50	375	235	54	71.1	56.1