

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 153604

Channel 291

### **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 K291AR, Facility\_id: 153604**

## **Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
628585	138367	BNPFT	20030314BWW	NEW	AMFM RADIO LICENSES, LLC	D	PORT CARGAILL	MN	APP	0.25	215	292	1	48.3	0
285546	71015	BMLH	19990525KH	KCII-FM	HOME BROADCASTING, INC.	A	WASHINGTON	IA	LIC	3	316	291	0	59.2	0
1154237	153553	BMPFT	20061010ANE	K291AT	RADIO ASSIST MINISTRY INC.	D	DAVENPORT	IA	CP MOD	0.099	274	291	0	67.4	0
273242	32987	BMLH	19980826KA	KCQQ	MISSISSIPPI VALLEY BROADCASTING, INC	C1	DAVENPORT	IA	LIC	60	268	293	2	71.4	0
174375	62091	BLFT	19920609TA	K288CY	ST. AMBROSE COLLEGE	D	BETTENDORF	IA	LIC	0.043	235	288	3	75	0
1145566	152230	BMPFT	20060821ADK	K292FR	RADIO ASSIST MINISTRY INC.	D	DYERSVILLE	IA	CP MOD	0.055	446	292	1	77.4	0
265820	32987	BLH	19980413KD	KCQQ	MISSISSIPPI VALLEY BROADCASTING, INC	C1	DAVENPORT	IA	LIC	100	476	293	2	81.4	0
79047	35949	BLH	19850613KC	KOKZ	KXEL BROADCASTING COMPANY, INC.	C	WATERLOO	IA	LIC	100	683	289	2	92	0
180231	34604	BLH	19921228KA	KILJ-FM	KILJ, INC.	C3	MOUNT PLEASANT	IA	LIC	24	309	288	3	93.1	0
1172502	153880	BMPFT	20070209AAN	W290AW	HORIZON CHRISTIAN FELLOWSHIP	D	SAVANNA	IL	APP	0.205	294	290	1	101.4	0
1084093	165358	BSFH	20050812ASC	NEW	CUMULUS LICENSING LLC	A	ERIE	IL	APP	0	0	288	3	104.1	0
186879	35564	BLH	19930601KB	KRTI	CENTRAL IOWA BROADCASTING, INC.	C2	GRINNELL	IA	LIC	50	443	294	3	107.5	0
1120102	166073	BNPH	20060309ADE	NEW	ACE RADIO CORPORATION	A	ERIE	IL	APP	3.3	323.1	288	3	108.4	0
1113331	166073	BSFH	20050812AWP	NEW	ACE RADIO CORPORATION	A	ERIE	IL	APP	0	0	288	3	108.7	0
88765	35949	BMLH	19860602KA	KOKZ	KXEL BROADCASTING COMPANY, INC.	C	WATERLOO	IA	LIC	100	454	289	2	109.1	0
634414	142511	BNPFT	20030311AMV	NEW	STARBOARD MEDIA FOUNDATION, INC.	D	WATERLOO	IA	APP	0.25	362	293	2	109.1	0
649760	156471	BNPFT	20030317HOM	NEW	E-STRING WIRELESS, LTD	D	WATERLOO	IA	APP	0.25	323	293	2	113.3	0
601467	77326	BMLH	20020426AAX	KIYX	QUEENB RADIO WISCONSIN, INC.	A	SAGEVILLE	IA	LIC	4.2	381	291	0	119.2	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
645382	152260	BNPFT	20030317EJV	NEW	RADIO ASSIST MINISTRY, INC.	D	MOUNT VERNON	IA	APP	0.14	372.4	238	53	16.6	6.6
636814	144507	BNPFT	20030314CDB	NEW	UNIVERSITY OF NORTHERN IOWA	D	IOWA CITY	IA	APP	0.25	287	237	54	23.9	13.9
644974	151882	BNPFT	20030317APV	NEW	COVENANT NETWORK	D	DAVENPORT	IA	APP	0.17	273	237	54	70.6	60.6
248180	14846	BLH	19970605KA	KZAT-FM	CAMRORY BROADCASTING, INC	A	BELLE PLAINE	IA	LIC	4.4	382	238	53	86.9	76.9
210130	42080	BLH	19950605KB	KQMG-FM	KEENE OF IOWA, INC.	A	INDEPENDENCE	IA	LIC	2.9	418	237	54	88.3	78.3