

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 152205

Channel 204

### **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.

The interfering f(50,10) 54 dBμ contour does overlap the f(50,50) 60 dBμ of 1<sup>st</sup> adjacent KDCR. This facility will be a fill-in translator, rebroadcasting KDCR, and the overlap is completely outside KDCR's city of license.

# **Adjacent Channel Study** **For Station K254BM, Facility\_id: 152205**

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

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
219254	17314	BLED	19960125KG	KDCR	DORDT COLLEGE, INC.	C1	SIOUX CENTER	IA	LIC	100	576	203	1	42.4	170.278
293940	43807	BLED	1764	KMSC		D	SIOUX CITY	IA	LIC	0.012	413	202	2	28.4	0
278440	84902	BLFT	19981211TC	K205DC	EDUCATIONAL MEDIA FOUNDATION	D	SIOUX CITY	IA	LIC	0.05	444	205	1	28.4	0
1231870	90282	BLED	20080215AGY	KFHC	ST. GABRIEL COMMUNICATIONS, LTC.	C3	PONCA	NE	LIC	8.8	499	201	3	39.4	0
1219485	173640	BNPED	20071018AIB	NEW	IOWA STATE UNIVERSITY OF SCIENCE AND TECH	C3	SIOUX CITY	IA	APP	15	470.3	205	1	49.3	0
1204770	123228	BNPED	20071015DMM	NEW	AMERICAN FAMILY ASSOCIATION	A	SIOUX CITY	IA	APP	3.5	482	205	1	49.7	0
1242004	92825	BPFT	20080403AAV	K208DS	CALVARY CHAPEL OF TWIN FALLS, INC.	D	CHEROKEE	IA	CP	0.25	375	205	1	60.5	0
1228621	152519	BLFT	20070910AAT	K202DW	EDGEWATER BROADCASTING, INC.	D	STORM LAKE	IA	LIC	0.01	441	202	2	87.7	0
1249779	152519	BPFT	20080610ACP	K202DW	EDGEWATER BROADCASTING, INC.	D	STORM LAKE	IA	CP	0.01	441	205	1	87.7	0
1204072	154848	BLFT	20070910AAO	K206DQ	HORIZON CHRISTIAN FELLOWSHIP	D	YANKTON	SD	LIC	0.045	408	206	2	90	0
1223869	93750	BPFT	20071204ABS	K204EO	EDUCATIONAL MEDIA FOUNDATION	D	YANKTON	SD	CP	0.23	396	201	3	90	0
1072636	93750	BLFT	20050713ADJ	K204EO	EDUCATIONAL MEDIA FOUNDATION	D	YANKTON	SD	LIC	0.25	396	204	0	90	0
1226190	177197	BNPED	20071022BND	NEW	RON ELMORE MINISTRIES INC	A	STORM LAKE	IA	CP	1.4	564	201	3	90.2	0
1209174	173307	BNPED	20071018ASA	NEW	VSS CATHOLIC COMMUNICATIONS, INC.	A	HARTINGTON	NE	CP	3	630.3	202	2	95.5	0
97196	3239	BLED	19870129KB	KAUR	AUGUSTANA COLLEGE ASSOCIATION	A	SIOUX FALLS	SD	LIC	0.68	497	206	2	96.3	0
240075	42909	BLED	19970130KA	KRSD	MINNESOTA PUBLIC RADIO	A	SIOUX FALLS	SD	LIC	2	497	201	3	96.3	0
695735	47967	BMLED	20030822AGC	KXNE-FM	NEBRASKA EDUCATIONAL TELECOMMUNICATIONS	C1	NORFOLK	NE	LIC	42	816	207	3	97.4	0
1214611	171812	BNPED	20071016ABA	NEW	WESTERN IOWA TECH COMMUNITY COLLEGE	A	DENISON	IA	APP	1.16	482	206	2	104.6	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
6631	35055	BLH	19781206AE	KKMA	KLEM, INC.	C1	LE MARS	IA	LIC	100	613	258	54	27.1	5.1