

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 143152

Channel 231

### **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 K231AY, Facility\_id: 143152**

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

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
649743	156454	BNPFT	20030317HPT	NEW	E-STRING WIRELESS, LTD	D	EMPORIA	KS	APP	0.25	419	229	2	13	0
1163965	145281	BMPFT	20061208AAJ	K228ES	RADIO ASSIST MINISTRY INC.	D	COUNCIL GROVE	KS	CP MOD	0.075	555	228	3	47.2	0
637844	145292	BNPFT	20030317FYK	NEW	RADIO ASSIST MINISTRY, INC.	D	OSAGE CITY	KS	APP	0.25	413.9	229	2	51.6	0
157895	48789	BLH	19910304KC	KOTE	NEWWOOD PRODUCTIONS, L.P.	A	EUREKA	KS	LIC	3	439	228	3	56.2	0
1069346	63174	BLH	20050623ABS	WIBW-FM	MCC RADIO, LLC	C0	TOPEKA	KS	LIC	98.4	698	233	2	80.6	0
637835	145284	BNPFT	20030317FVU	NEW	RADIO ASSIST MINISTRY, INC.	D	GARNETT	KS	APP	0.075	475.9	229	2	85.5	0
1060863	63174	BPH	20051109ACF	WIBW-FM	MCC RADIO, LLC	C0	TOPEKA	KS	CP	100	673	233	2	85.5	0
681741	158332	BNPFT	20030827AFZ	K234AR	FAMILY STATIONS, INC.	D	AUGUSTA	KS	CP	0.25	413	234	3	97.6	0
1036213	142769	BLFT	20041227ABJ	K228DY	BIBLE BROADCASTING NETWORK, INC.	D	NEWTON	KS	LIC	0.25	508	228	3	100.3	0
1144393	143154	BMPFT	20060810AJX	K231AW	RADIO ASSIST MINISTRY INC.	D	ABILENE	KS	CP MOD	0.04	412	231	0	108.2	0
634410	142509	BNPFT	20030317KVF	NEW	UNIVERSITY OF KANSAS	D	MANHATTAN	KS	APP	0.25	431	229	2	109.7	0
634400	142501	BNPFT	20030317KUI	NEW	UNIVERSITY OF KANSAS	D	MANHATTAN	KS	APP	0.25	431	228	3	109.7	0
1126183	165947	BNPH	20060308AAK	NEW	KANSAS CITY CATHOLIC NETWORK, INC.	C3	PLEASANTON	KS	CP	25	388	229	2	111.1	0
191681	70266	BLH	19931108KC	KDGS	VIOLA ANN VIOLET & GARY L. VIOLET	C3	ANDOVER	KS	LIC	25	497	230	1	123.6	0
289294	28470	BLH	6686	KYEZ		C1	SALINA	KS	LIC	100	538	229	2	141.4	0
1010632	34431	BXMLH	20040907AAW	KFKF-FM	INFINITY RADIO HOLDINGS INC.	C	KANSAS CITY	KS	LIC	35	408	231	0	161.7	0
100970	34431	BLH	19870507LI	KFKF-FM	EZ KANSAS CITY, INC.	C0	KANSAS CITY	KS	LIC	100	577	231	0	168.9	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
14585	69778	BLH	19791022AD	KFFX	EMPORIA'S RADIO STATIONS, INC.	A	EMPORIA	KS	LIC	3	439	285	54	10.9	0.9
649738	156451	BNPFT	20030317HPZ	NEW	E-STRING WIRELESS, LTD	D	TOPEKA	KS	APP	0.25	352	285	54	96.2	86.2
651602	158049	BNPFT	20030317LZV	NEW	EDUCATIONAL MEDIA FOUNDATION	D	SILVER LAKE	KS	APP	0.14	400	285	54	97.3	87.3