

[Exhibit 12]

## **Non-Interference Compliance**

For an Open Site

Regarding FCC File Number: BNPFT-20030317IMS

### **Description of Exhibit 12 Contents**

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all the applicable rule sections and that this application for a construction permit is in full compliance with 47 CFR 74.1204.

Page 2 of this exhibit is an explanation of the tabulated data, which is included as evidence on page 3 of this exhibit.

Page 3 of this exhibit is the tabulated data from the interference analysis, which shows all stations that this application must consider for contour protection. These tabulated values were generated using high resolution 3 arc second terrain data for the best possible accuracy.

Let it be noted that should any actual real world interference occur, the applicant certifies that it will promptly suspend operation of this translator in accordance with 47 CFR 74.1203.

## **Explanation of Frequency Finder Results**

The interference analysis for this application was performed using the "Frequency Finder" module in RadioSoft's Comstudy, version 2.2.

Frequency Finder analyzes data taken directly from the FCC's FM database and looks for prohibited overlap with contours of adjacent stations and prohibited proximity to stations 53 or 54 channels from the proposed station (IF) using 3 arc second terrain data and the FCC's contour algorithms. The results tabulated are the stations returned from that analysis. (Note: Because Comstudy was looking at the FCC's FM database, it took into account the proposed translator when doing the analysis and returned it in the tabulated results. For the sake of simplicity, that record has been deleted from all tabulated results.)

The first several columns of the table are self-explanatory. They give various data on the stations in question. The column labeled "Clr" gives the proposed translator's "clearance" with respect to the tabulated station, either in dB or km. The values listed with no units are given in km and are for stations located on an IF to the proposed site's channel.

**A negative value in the "Clr" column does NOT necessarily represent prohibited contour overlap as explained below.**

A negative value listed in the "Clr" column would indicate either overlap of interference and protected contours or prohibited proximity to an IF station except in the following situations:

- A second or third adjacent LP100 station cannot represent a violation of the CFR, as 47 CFR 74.1204(a)(4) requires protection of only co-channel and first adjacent LP100 stations.
- 47 CFR 74.1204(a) requires only the protection of "AUTHORIZED commercial or noncommercial educational FM broadcast stations, FM translators, ..." Any entry with a status listed as "RSV," "USE" or "APP" does not represent an authorized station and therefore is not protected under 47 CFR 74.1204. The one exception is the case of LP100 applications. The note to 47 CFR 74.1204(a)(4) states that "LPFM applications and permits that have not yet been licensed must be considered as operating with the maximum permitted facilities." Therefore, any first adjacent or co-channel LP100 station, no matter the status, is protected.

Callsign	State	City	Channel	ERP_w	Licensee	ARN	Class	Status	Distance_km	Sep	Clr	Facility_id
KUDL	KS	KANSAS CITY	251	100000	ENTERCOM KANSAS CITY LICENSE, LLC	BMLH20000524AAY	C	LIC	76.84	0	0.48 dB	2449
KUDL	KS	KANSAS CITY	251	100000	ENTERCOM KANSAS CITY LICENSE, LLC	BPH20030310BEB	C0	CP	79.11	0	0.93 dB	2449
KZPL	MO	LEE'S SUMMIT	247	55000	FIRST BROADCASTING KANSAS CITY, LLC	BLH20030130AAH	C1	LIC	76.41	0	1.56 dB	4933
NEW	KS	LAWRENCE	249	41	RADIO ASSIST MINISTRY, INC.	BNPFT20030317IOS	D	APP	66.35	0	6.55 dB	152892
NEW	KS	TONGANOXIE	249	140	EDUCATIONAL MEDIA FOUNDATION	BNPFT20030314AAY	D	APP	56.71	0	6.03 dB	139799
KUDL	KS	KANSAS CITY	251	36000	ENTERCOM KANSAS CITY LICENSE, LLC	BXPH20021224ACW	C	CP	79.11	0	8.10 dB	2449
NEW	KS	TOPEKA	249	115	RADIO ASSIST MINISTRY, INC.	BNPFT20030317ISJ	D	APP	73	0	9.52 dB	152905
KUDL	KS	KANSAS CITY	251	28000	ENTERCOM KANSAS CITY LICENSE, LLC	BLH19950113KZ	C	LIC	76.84	0	10.79 dB	2449
NEW	KS	PAULINE	249	170	EDUCATIONAL MEDIA FOUNDATION	BNPFT20030317LYN	D	APP	84.34	0	11.71 dB	157971
KUDL	KS	KANSAS CITY	251	19500	ENTERCOM KANSAS CITY LICENSE, LLC	BXLH20010411AAL	C	LIC	70.19	0	13.03 dB	2449
KUDL	KS	KANSAS CITY	251	19000	ENTERCOM KANSAS CITY LICENSE, LLC	BXPH20010213AAS	C	CP	72	0	15.82 dB	2449
KPOW-FM	MO	LA MONTE	249	100000	SEDALIA INVESTMENT GROUP LLC	BLH20021101ABG	C1	LIC	170.45	0	18.42 dB	78321
KBBX-FM	NE	NEBRASKA CITY	249	99000	JOURNAL BROADCAST CORPORATION	BMLH19970604KA	C1	LIC	172.85	0	20.25 dB	47957
KNIM-FM	MO	MARYVILLE	246	21500	NODAWAY BROADCASTING CORPORATION	BLH20021022ABC	C3	LIC	95.4	0	24.91 dB	48974
KSNP	KS	BURLINGTON	249	6000	SOUTHEAST KANSAS BROADCASTING COMPANY, INC.	BMLH20020821AAL	A	LIC	158.89	0	27.03 dB	12206
KJCK-FM	KS	JUNCTION CITY	248	100000	PLATINUM BROADCASTING CO., INC.	BMLH20020924AAK	C1	LIC	160.49	0	28.23 dB	52799
KPOW-FM	MO	LA MONTE	249	9000	SEDALIA INVESTMENT GROUP LLC	BXMLH20021213AAZ	C3	LIC	189.27	0	28.55 dB	78321
NEW	KS	LEAWOOD	248	100	CHURCH OF THE RESURRECTION - UNITED METHODIST	BNPL20000831ABU	LP100	APP	85.23	13	29.26 dB	126361
KPOW-FM	MO	LA MONTE	249	0	SEDALIA INVESTMENT GROUP LLC		C1	USE	170.45	0	31.66 dB	78321
NEW	KS	CLAY CENTER	249	115	RADIO ASSIST MINISTRY, INC.	BNPFT20030317INH	D	APP	170.65	0	31.26 dB	152767
KSNP	KS	BURLINGTON	249	0	SOUTHEAST KANSAS BROADCASTING COMPANY, INC.	RM10017	A	RSV	158.89	0	32.07 dB	12206
KIIC	IA	LAMONI	250	50000	THOMAS H. BURKE, RECEIVER FOR LIFESTYLE COMMUNICATIONS CORP.	BLH19990804KI	C2	LIC	179.53	0	34.18 dB	81325
NEW	MO	RAYTOWN	247	100	COMMUNITY FOURSQUARE CHURCH	BNPL20010116AEZ	LP100	APP	86.1	6	34.49 dB	131697
KBBX-FM	NE	NEBRASKA CITY	249	0	JOURNAL BROADCAST CORPORATION		C1	USE	178.25	0	35.14 dB	47957
NEW	MO	COLUMBIA	252	25700	GBO LC	BIPH20010724ADD	C2	APP	253.99	0	36.75 dB	136084
NEW	KS	KANSAS CITY	247	100	THE UNITED NATION OF ISLAM	BNPL20000901AAP	LP100	APP	62.15	6	37.13 dB	125533
NEW	KS	BELLEVILLE	249	205	RADIO ASSIST MINISTRY, INC.	BNPFT20030317INA	D	APP	216.34	0	37.99 dB	152763
NEW	MO	INDEPENDENCE	247	100	INDEPENDENCE PLAN FOR NEIGHBORHOOD COUNCILS, INC.	BNPL20010116ACQ	LP100	APP	80.2	6	38.86 dB	131658
NEW	KS	CHANUTE	249	100	FIRE ESCAPE YOUTH MINISTRIES, INC.	BNPL20000828ADN	LP100	APP	208.4	24	39.55 dB	124998