

Exhibit E-12

This exhibit contains the allocation study for the proposed facility. Included in this exhibit is a single channel spacing study as well as a computer generated contour map. The single channel spacing study was created based on the assumption that K291AX would operate as a class A facility. As this study indicates, there are three facilities to which geographic spacings would not be met if K291AX was a class A station.

The appropriate service and interference contours were then generated for each of these facilities as well as the proposed facility and illustrated on the attached contour map. As this map demonstrates, there would be contour overlap between the predicted 40 dBu interference contour of K291AX and the 60 dBu service contour of KLZR(FM) at Lawrence, Kansas. This contour overlap, however, would not be prohibited under the Commission's Rules as K291AX would operate on channel 291, and KLZR(FM) operates on channel 290. This exhibit therefore demonstrates that the proposed facility would comply with the provisions of Section 74.1204 of the Commission's Rules.

D.L. Markley & Associates, Inc.
Consulting Engineers
Exhibit E-12 - Single Channel Spacing Study
K291AX - Emporia, Kansas

REFERENCE
38 24 21 N.
96 14 13 W.

CLASS = A
Current Spacings

DISPLAY DATES
DATA 07-14-07
SEARCH 07-16-07

----- Channel 291 - 106.1 MHz -----

Call	Channel		Location		Azi	Dist	FCC	Margin
K291AX	CP	291D	Emporia	KS	0.0	0.00	85.0	-85.00
KXKU	LIC	291C1	Lyons	KS	264.3	146.46	200.0	-53.54
KLZR	LIC	290C1	Lawrence	KS	43.9	98.13	133.0	-34.87
KQLL-F	LIC	291C	Owasso	OK	166.0	214.85	226.0	-11.15
K291BA	LIC	291D	Manhattan	KS	338.8	89.41	85.0	4.41
KJRL	LIC-N	289C3	Herington	KS	290.0	69.39	42.0	27.39
RDEL	DEL	293C	Arkansas City	KS	208.9	132.91	95.0	37.91
RADD	ADD	293C0	Arkansas City	KS	208.9	132.91	86.0	46.91
KYQQ	LIC	293C0	Arkansas City	KS	208.9	132.91	86.0	46.91
AP3341	APP	288D	Ottawa	KS	77.5	83.61	26.0	57.61
KKOY-F	LIC	288C3	Chanute	KS	150.1	103.14	42.0	61.14
KRMI-L	LIC	288L1	Manhattan	KS	339.9	93.17	29.0	64.17
KHCA	LIC	237A	Wamego	KS	353.7	89.79	10.0	79.79
AP8008	APP	291D	Adrian	MO	90.0	164.84	85.0	79.84
KINZ	LIC	237C3	Humboldt	KS	140.8	94.09	12.0	82.09
KINZ	RSV	237C3	Humboldt	KS	141.9	96.26	12.0	84.26
RS3404	RSV	291C2	Ravenwood	MO	29.7	258.96	166.0	92.96
AP3149	APP	291C2	Ravenwood	MO	29.7	258.96	166.0	92.96
WDAF-F	LIC	293C1	Liberty	MO	63.4	169.38	75.0	94.38
AP5319	APP	289D	Wichita	KS	230.1	121.00	26.0	95.00
KKJO-F	LIC	288C1	St. Joseph	MO	35.1	177.88	75.0	102.88
K294BK	CP	294D	Parsons	KS	144.1	140.31	26.0	114.31
NEW.C	CP	291C3	Ravenwood	MO	35.4	256.93	142.0	114.93
AP3324	APP	288D	Bonner Springs	KS	56.4	140.93	26.0	114.93
KQNS-F	LIC	238C3	Lindsborg	KS	283.4	130.10	12.0	118.10
KOQL	LIC-N	291C1	Ashland	MO	82.0	322.80	200.0	122.80
KLMY	LIC-N	292C1	Lincoln	NE	353.0	259.81	133.0	126.81
AP5278	APP	289D	Hutchinson	KS	255.5	153.89	26.0	127.89
AP0215	APP	294D	Butler	MO	94.8	164.25	26.0	138.25
KVSV-F	LIC	288C2	Beloit	KS	306.9	199.62	55.0	144.62
AP1721	APP	294D	Nevada	MO	110.3	174.43	26.0	148.43
AP2176	APP-D	293D	Nevada	MO	108.8	176.47	26.0	150.47
AP8020	APP	292D	Nevada	MO	111.6	190.74	34.0	156.74
K289AU	LIC	289D	Bartlesville	OK	172.2	188.00	26.0	162.00
AP0142	APP	291D	Braymer	MO	57.2	248.79	85.0	163.79
KNDY-F	LIC	238C3	Marysville	KS	346.2	177.81	12.0	165.81
KQKY	LIC	290C	Kearney	NE	318.4	330.99	165.0	165.99
K294BE	CP	294D	Saint Joseph	MO	37.3	194.49	26.0	168.49
KESM-F	LIC	288A	El Dorado Springs	MO	106.5	203.87	31.0	172.87
DK292D	LIC	292D	Joplin	MO	133.6	210.42	34.0	176.42
AP9915	APP	292D	Joplin	MO	133.5	210.76	34.0	176.76
AP9717	APP	289D	Ponca City	OK	201.7	203.92	26.0	177.92
AP0033	APP	289D	Ponca City	OK	203.7	207.56	26.0	181.56

Call	Channel		Location		Azi	Dist	FCC	Margin
DK294A	LIC	294D	Scandia	KS	317.4	209.39	26.0	183.39
AL0964	VAC	290A	Covington	OK	206.4	259.37	72.0	187.37
KDKD-F	LIC	237C3	Clinton	MO	90.4	202.61	12.0	190.61
KGBX-F	LIC	290C2	Nixa	MO	113.6	298.14	106.0	192.14
KXXX	LIC-N	289C2	Knob Noster	MO	80.0	248.09	55.0	193.09
KKCD	LIC-N	290C2	Omaha	NE	4.4	311.30	106.0	205.30
RADD	ADD	292A	Waukomis	OK	212.5	284.45	72.0	212.45
AP8134	APP	289D	Hamilton	MO	49.8	241.13	26.0	215.13
KWEN	LIC	238C	Tulsa	OK	177.1	245.54	29.0	216.54
KWEN.C	CP	238C	Tulsa	OK	177.1	245.54	29.0	216.54
KZLX-L	CP	294L1	Maryville	MO	27.8	245.64	29.0	216.64
KTTTL.C	CP	289C2	Alva	OK	229.2	272.21	55.0	217.21
KZLX-L	LIC	294L1	Maryville	MO	27.7	246.31	29.0	217.31

