

**MINOR CHANGE/  
ONE-STEP APPLICATION  
KANZA, INC.  
KRLI (FM) RADIO STATION  
CH 280C2 - 103.9 MHZ - 12.0 KW  
MALTA BEND, MISSOURI  
November 2002**

**EXHIBIT A**

**Shortspaced Facilities Utilizing Section 73.215**

The KRLI proposed antenna location will be shortspaced to two other FM broadcast facilities, KPRS and KNZA.<sup>4</sup> The detailed spacing information with regard to KPRS and KNZA is shown on Exhibit A1. Kanza, Inc., proposes to use the provisions of §73.215 of the Commission's rules to address this shortspaced situation. The shortage to this facility complies with §73.215(e) of the Commission's rules. The provisions of §73.215 will be met by specifying less than maximum Class C2 facilities.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed KRLI and the authorized KPRS and KNZA. The contours of KPRS are based on 100.0 kilowatts effective radiated power at a height above average terrain (HAAT) of 600 meters.<sup>5</sup> The facilities of KNZA are based on 50.0 kilowatts and an HAAT of 150 meters. Attached as Exhibits A3 through A6 are the tabulated distances to the protected and interfering contours, along pertinent arcs, of the proposed KRLI and authorized KPRS and KNZA. Further, attached as Exhibit A7 are the tabulated and protected contours of the proposed facility, in ten degree increments. Again, there is no prohibited overlap between the facilities.

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4) This proposal assumes that KJEL and KBEQ-FM are both downgraded to Class C0 facilities.

5) The licensed facilities of KPRS specify a power of 100.0 kW at 303 meters height above average terrain (HAAT). The antenna center of radiation was raised to bring the HAAT to 600 meters for the §73.215 analysis.

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**EXHIBIT A1**

CLEARANCE STUDY FOR KRLI RADIO STATION  
USING PROPOSED/PRESENT SITE AS REFERENCE

REFERENCE		DISPLAY DATES
39 21 59 N	CLASS C2	DATA 11-01-02
93 24 12 W	Current rules spacings	SEARCH 11-04-02
----- CHANNEL 280 -103.9 MHz -----		

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
<b>KRLI</b>	<b>280C3</b>	<b>Malta Bend</b>	<b>MO</b>	<b>0.0</b>	<b>0.0</b>	<b>177.0</b>	<b>-177.00</b>
<b>APP</b>	<b>39 21 59 93 24 12</b>		<b>3.400 kW</b>	<b>268M</b>	<b>0.0</b>	<b>110.0</b>	
		<b>KANZA, Inc.</b>				<b>BMLH-20021028AAF</b>	
<b>&gt; from Channel 276C3 per MM Docket #00-129</b>							
1	KCHIFM	280A Chillicothe	MO	342.4	52.24	166.0	-113.76
	LIC CN	39 48 52 93 35 20	1.550 kW	122M	32.5	103.2	
		Daniel D. Leatherman				BLH-7166	
	<b>&gt; to Channel 253A per MM Docket #00-129</b>						
2	KJEL	279C Lebanon	MO	161.5	180.98	188.0	-7.02
	LIC CN	37 49 10 92 44 51	100.000 kW	300M	112.5	116.8	
		Ozark Broadcasting, Inc.				BLH-19881115KC	
	<b>&gt; Downgrade to Channel 279C0 requested</b>						
2	KBEQFM	282C Kansas City	MO	251.6	98.17	105.0	-6.83
	LIC CY	39 04 59 94 28 49	100.000 kW	301M	61.0	65.3	
		Infinity Radio Subsidiary				BLH-19850813KT	
	<b>&gt; Downgrade to Channel 282C0 requested</b>						
3	KNZA	280C2 Hiawatha	KS	277.9	187.30	190.0	-2.70
	LIC CN	39 34 41 95 33 46	50.000 kW	150M	116.4	118.1	
		Knza, Inc.				BLH-19940622KA	
3	KPRS	277C Kansas City	MO	248.1	102.96	105.0	-2.04
	LIC CN	39 00 57 94 30 24	100.000 kW	303M	64.0	65.3	
		Carter Broadcast Group, Inc.				BLH-19870522KA	
	KMCR	280A Montgomery City	MO	103.9	168.67	166.0	2.67
	LIC CN	38 59 12 91 30 48	3.000 kW	91M	104.8	103.2	
		Chirillo Electronics, Inc				BLH-7451	
	WQCY.C	280A Quincy	IL	67.1	168.69	166.0	2.69
	CP CX	39 56 30 91 35 03	1.800 kW	133M	104.8	103.2	
		Staradio Corporation				BPH-20010614AEL	
	KJEL	279C0 Lebanon	MO	161.5	180.98	176.0	4.98
	LIC CN	37 49 10 92 44 51	100.000 kW	300M	112.5	109.4	
		Ozark Broadcasting, Inc.				BLH-19881115KC	
	KBEQFM	282C0 Kansas City	MO	251.6	98.17	89.0	9.17
	LIC	39 04 59 94 28 49	100.000 kW	301M	61.0	55.3	
		Infinity Radio Subsidiary				BLH-19850813KT	

- 1 Note: Station was ordered to Channel 253A in MM Docket #00-129.  
2 Note: Station to be downgraded to Class C0. See Exhibit A.  
3 Note: This shortage is addressed under §73.215 of the rules.

**Graham Brock, Inc. - Broadcast Technical Consultants**

**KRLI Proposed**

Latitude: 39-21-59 N  
Longitude: 093-24-12 W  
ERP: 12.00 kW  
Channel: 280C2  
AMSL Height: 478.8 m

**KPRS**

BLH-19870522KA  
Latitude: 39-00-57 N  
Longitude: 094-30-24 W  
ERP: 100.00 kW  
Channel: 277C  
AMSL Height: 874.0 m

**KNZA**

BLH-19940622KA  
Latitude: 39-34-41 N  
Longitude: 095-33-46 W  
ERP: 50.00 kW  
Channel: 280C2  
AMSL Height: 471.0 m

**KNZA 40 dBu (50/10)**

**KRLI 40 dBu (50/10)**

**KNZA 60 dBu (50/50)**

**KRLI 60 dBu (50/50)**

**KRLI 100 dBu (50/10)**

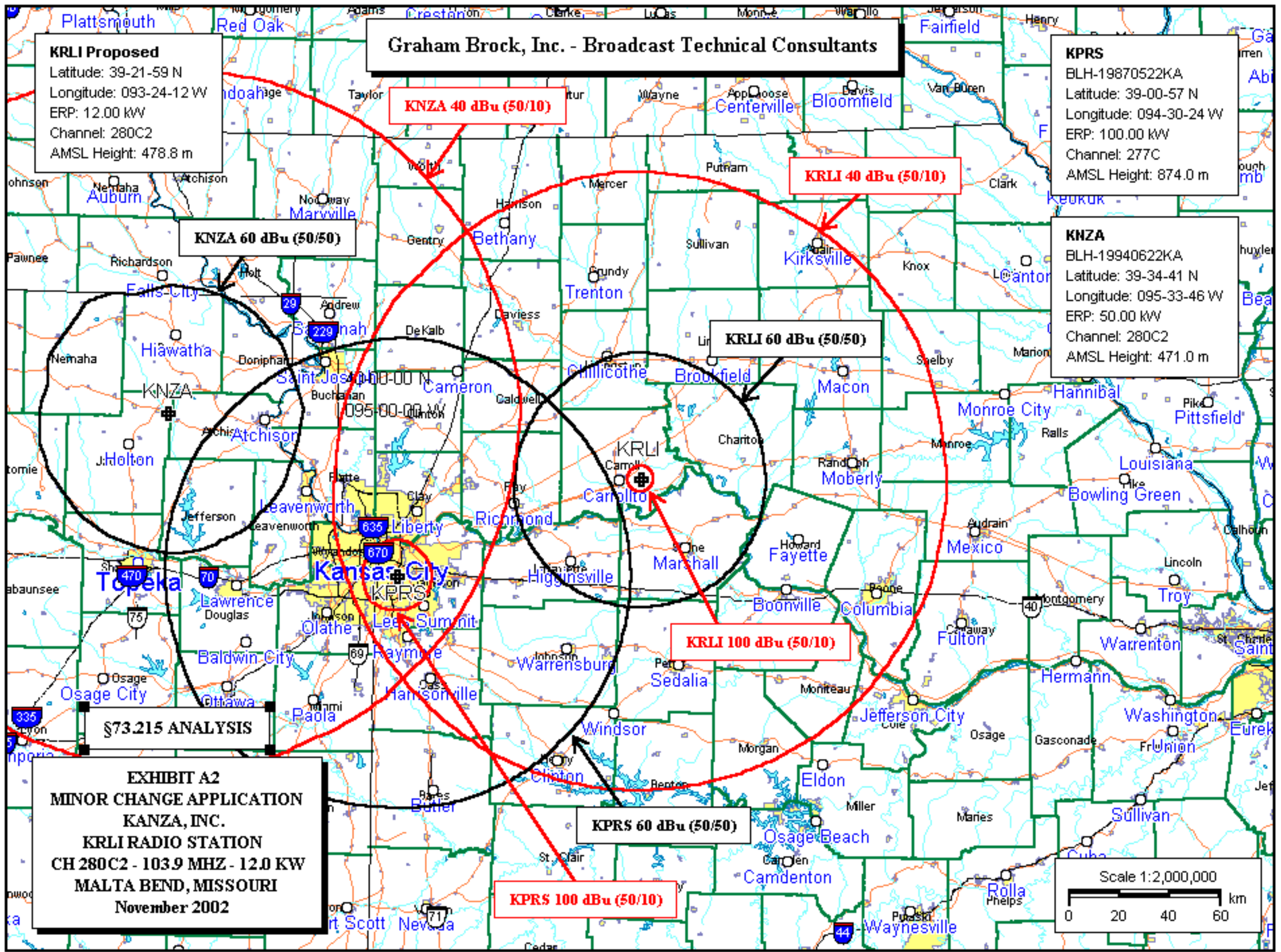
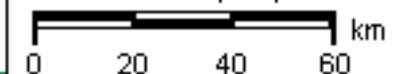
**KPRS 60 dBu (50/50)**

**KPRS 100 dBu (50/10)**

**§73.215 ANALYSIS**

**EXHIBIT A2  
MINOR CHANGE APPLICATION  
KANZA, INC.  
KRLI RADIO STATION  
CH 280C2 - 103.9 MHZ - 12.0 KW  
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November 2002**

Scale 1:2,000,000



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MALTA BEND, MISSOURI  
November 2002**

**EXHIBIT A3**

KRLI - Proposed  
Channel = 280C2  
Max ERP = 12 kW  
RCAMSL = 478.8 M  
N. Lat = 39 21 59  
W. Lng = 93 24 12

KNZA - BLH-19940622KA  
Channel = 280C2  
Max ERP = 50 kW  
RCAMSL = 471 M  
N. Lat = 39 34 41  
W. Lng = 95 33 46

Protected  
60 dBu

Interfering  
40 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
260.0	012.0000	0275.0	050.1	102.8	050.0000	0149.5	140.4	39.5
261.0	012.0000	0274.6	050.0	102.5	050.0000	0149.8	140.1	39.5
262.0	012.0000	0273.7	050.0	102.1	050.0000	0149.8	139.8	39.6
263.0	012.0000	0272.3	049.9	101.8	050.0000	0149.8	139.6	39.6
264.0	012.0000	0270.6	049.7	101.4	050.0000	0150.2	139.4	39.7
265.0	012.0000	0269.1	049.6	101.1	050.0000	0150.2	139.2	39.7
266.0	012.0000	0267.8	049.5	100.7	050.0000	0150.2	139.1	39.7
267.0	012.0000	0266.2	049.4	100.4	050.0000	0150.5	139.0	39.8
268.0	012.0000	0264.6	049.3	100.0	050.0000	0150.5	138.9	39.8
269.0	012.0000	0263.0	049.2	099.6	050.0000	0150.5	138.8	39.8
270.0	012.0000	0261.4	049.1	099.3	050.0000	0150.7	138.7	39.8
271.0	012.0000	0260.3	049.0	098.9	050.0000	0150.7	138.7	39.8
272.0	012.0000	0259.4	048.9	098.6	050.0000	0150.7	138.6	39.8
273.0	012.0000	0258.5	048.9	098.2	050.0000	0150.4	138.6	39.8
274.0	012.0000	0257.6	048.8	097.9	050.0000	0150.4	138.5	39.8
275.0	012.0000	0257.5	048.8	097.5	050.0000	0150.4	138.5	39.9
276.0	012.0000	0258.0	048.8	097.2	050.0000	0150.1	138.4	39.9
277.0	012.0000	0258.4	048.9	096.8	050.0000	0150.1	138.4	39.9
278.0	012.0000	0258.8	048.9	096.5	050.0000	0150.1	138.3	39.9
279.0	012.0000	0258.8	048.9	096.1	050.0000	0150.1	138.3	39.9
280.0	012.0000	0259.0	048.9	095.7	050.0000	0150.1	138.4	39.9
281.0	012.0000	0259.2	048.9	095.4	050.0000	0150.3	138.4	39.9
282.0	012.0000	0259.4	048.9	095.0	050.0000	0150.3	138.5	39.9
283.0	012.0000	0259.4	049.0	094.7	050.0000	0150.3	138.6	39.8
284.0	012.0000	0259.0	048.9	094.3	050.0000	0151.2	138.7	39.8
285.0	012.0000	0258.5	048.9	094.0	050.0000	0151.2	138.9	39.8
286.0	012.0000	0257.3	048.8	093.6	050.0000	0151.2	139.1	39.8
287.0	012.0000	0256.3	048.7	093.3	050.0000	0151.9	139.4	39.7
288.0	012.0000	0255.4	048.7	093.0	050.0000	0151.9	139.6	39.7
289.0	012.0000	0254.5	048.6	092.6	050.0000	0151.9	139.9	39.6
290.0	012.0000	0253.7	048.5	092.3	050.0000	0152.6	140.2	39.6
291.0	012.0000	0253.0	048.5	092.0	050.0000	0152.6	140.5	39.5
292.0	012.0000	0252.5	048.5	091.7	050.0000	0152.6	140.8	39.5
293.0	012.0000	0251.8	048.4	091.3	050.0000	0153.4	141.1	39.4
294.0	012.0000	0251.0	048.3	091.0	050.0000	0153.4	141.5	39.4
295.0	012.0000	0250.3	048.3	090.7	050.0000	0153.4	141.8	39.3
296.0	012.0000	0250.1	048.3	090.4	050.0000	0154.8	142.2	39.3
297.0	012.0000	0250.5	048.3	090.1	050.0000	0154.8	142.5	39.2
298.0	012.0000	0250.7	048.3	090.2	050.0000	0154.8	142.9	39.1
299.0	012.0000	0250.9	048.3	090.5	050.0000	0153.4	143.3	39.0
300.0	012.0000	0251.3	048.4	089.2	050.0000	0156.3	143.6	39.0

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**EXHIBIT A4**

KNZA - BLH-19940622KA  
Channel = 280C2  
Max ERP = 50 kW  
RCAMSL = 471 M  
N. Lat = 39 34 41  
W. Lng = 95 33 46

KRLI - Proposed  
Channel = 280C2  
Max ERP = 12 kW  
RCAMSL = 478.8 M  
N. Lat = 39 21 59  
W. Lng = 93 24 12

Protected  
60 dBu

Interfering  
40 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
080.0	050.0000	0149.4	052.1	284.2	012.0000	0259.0	138.3	36.2
081.0	050.0000	0150.5	052.3	283.8	012.0000	0259.0	137.8	36.3
082.0	050.0000	0151.5	052.4	283.5	012.0000	0259.0	137.3	36.4
083.0	050.0000	0152.6	052.5	283.2	012.0000	0259.4	136.9	36.5
084.0	050.0000	0154.2	052.7	282.8	012.0000	0259.4	136.4	36.6
085.0	050.0000	0156.0	053.0	282.5	012.0000	0259.4	135.9	36.7
086.0	050.0000	0157.7	053.2	282.1	012.0000	0259.4	135.5	36.8
087.0	050.0000	0158.6	053.3	281.8	012.0000	0259.4	135.1	36.9
088.0	050.0000	0157.7	053.2	281.4	012.0000	0259.2	135.0	36.9
089.0	050.0000	0156.3	053.0	281.0	012.0000	0259.2	135.0	36.9
090.0	050.0000	0154.8	052.8	280.6	012.0000	0259.2	135.1	36.9
091.0	050.0000	0153.4	052.6	280.2	012.0000	0259.0	135.1	36.9
092.0	050.0000	0152.6	052.5	279.8	012.0000	0259.0	135.1	36.9
093.0	050.0000	0151.9	052.5	279.4	012.0000	0258.8	135.1	36.9
094.0	050.0000	0151.2	052.3	279.0	012.0000	0258.8	135.1	36.9
095.0	050.0000	0150.3	052.2	278.6	012.0000	0258.8	135.2	36.9
096.0	050.0000	0150.1	052.2	278.2	012.0000	0258.8	135.2	36.9
097.0	050.0000	0150.1	052.2	277.8	012.0000	0258.8	135.2	36.9
098.0	050.0000	0150.4	052.2	277.4	012.0000	0258.4	135.1	36.8
099.0	050.0000	0150.7	052.3	277.0	012.0000	0258.4	135.1	36.8
100.0	050.0000	0150.5	052.3	276.6	012.0000	0258.4	135.2	36.8
101.0	050.0000	0150.2	052.2	276.3	012.0000	0258.0	135.3	36.8
102.0	050.0000	0149.8	052.2	275.9	012.0000	0258.0	135.5	36.8
103.0	050.0000	0149.5	052.1	275.5	012.0000	0257.5	135.7	36.7
104.0	050.0000	0149.3	052.1	275.1	012.0000	0257.5	135.9	36.7
105.0	050.0000	0149.2	052.1	274.7	012.0000	0257.5	136.0	36.7
106.0	050.0000	0148.8	052.0	274.4	012.0000	0257.6	136.3	36.6
107.0	050.0000	0148.4	052.0	274.0	012.0000	0257.6	136.5	36.6
108.0	050.0000	0148.3	052.0	273.6	012.0000	0257.6	136.8	36.5
109.0	050.0000	0148.4	052.0	273.3	012.0000	0258.5	137.0	36.5
110.0	050.0000	0148.9	052.1	272.9	012.0000	0258.5	137.2	36.4
111.0	050.0000	0149.3	052.1	272.5	012.0000	0258.5	137.5	36.4
112.0	050.0000	0149.7	052.2	272.2	012.0000	0259.4	137.8	36.3
113.0	050.0000	0150.3	052.2	271.8	012.0000	0259.4	138.0	36.3
114.0	050.0000	0151.1	052.3	271.4	012.0000	0260.3	138.3	36.3
115.0	050.0000	0152.0	052.5	271.1	012.0000	0260.3	138.5	36.2
116.0	050.0000	0153.1	052.6	270.7	012.0000	0260.3	138.8	36.2
117.0	050.0000	0154.1	052.7	270.3	012.0000	0261.4	139.1	36.1
118.0	050.0000	0155.1	052.9	270.0	012.0000	0261.4	139.5	36.0
119.0	050.0000	0156.0	053.0	269.6	012.0000	0261.4	139.8	36.0
120.0	050.0000	0157.0	053.1	269.3	012.0000	0263.0	140.2	35.9

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**CH 280C2 - 103.9 MHZ - 12.0 KW**  
**MALTA BEND, MISSOURI**  
**November 2002**

**EXHIBIT A5**

KRLI - Proposed  
Channel = 280C2  
Max ERP = 12 kW  
RCAMSL = 478.8 M  
N. Lat = 39 21 59  
W. Lng = 93 24 12

KPRS - BLH-19870522KA  
Channel = 277C  
Max ERP = 100 kW  
RCAMSL = 874 M  
N. Lat = 39 00 57  
W. Lng = 94 30 24

Protected  
60 dBu

Interfering  
100 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
230.0	012.0000	0277.7	050.2	083.1	100.0000	0601.0	057.4	77.5
231.0	012.0000	0277.7	050.2	082.4	100.0000	0599.8	056.9	77.6
232.0	012.0000	0277.7	050.2	081.6	100.0000	0599.8	056.5	77.8
233.0	012.0000	0277.6	050.2	080.9	100.0000	0598.5	056.1	77.9
234.0	012.0000	0277.5	050.2	080.0	100.0000	0598.1	055.7	78.1
235.0	012.0000	0277.4	050.2	079.2	100.0000	0598.5	055.3	78.2
236.0	012.0000	0277.3	050.2	078.4	100.0000	0599.1	054.9	78.3
237.0	012.0000	0277.1	050.2	077.5	100.0000	0599.1	054.6	78.5
238.0	012.0000	0276.9	050.2	076.7	100.0000	0599.5	054.3	78.6
239.0	012.0000	0276.7	050.2	075.8	100.0000	0599.2	054.1	78.7
240.0	012.0000	0276.5	050.2	074.9	100.0000	0598.3	053.8	78.7
241.0	012.0000	0276.4	050.2	074.0	100.0000	0597.2	053.6	78.8
242.0	012.0000	0276.3	050.2	073.0	100.0000	0596.5	053.4	78.8
243.0	012.0000	0276.3	050.1	072.1	100.0000	0596.6	053.3	78.9
244.0	012.0000	0276.3	050.1	071.2	100.0000	0597.1	053.2	79.0
245.0	012.0000	0276.3	050.1	070.2	100.0000	0597.8	053.1	79.0
246.0	012.0000	0276.2	050.1	069.3	100.0000	0598.1	053.0	79.0
247.0	012.0000	0276.1	050.1	068.3	100.0000	0597.6	052.9	79.0
248.0	012.0000	0276.0	050.1	067.4	100.0000	0596.2	052.9	79.0
249.0	012.0000	0275.9	050.1	066.4	100.0000	0593.8	053.0	79.0
250.0	012.0000	0275.7	050.1	065.5	100.0000	0591.2	053.0	78.9
251.0	012.0000	0275.6	050.1	064.5	100.0000	0591.2	053.1	78.9
252.0	012.0000	0275.5	050.1	063.6	100.0000	0589.1	053.2	78.8
253.0	012.0000	0275.6	050.1	062.7	100.0000	0588.0	053.3	78.8
254.0	012.0000	0275.7	050.1	061.7	100.0000	0587.5	053.5	78.7
255.0	012.0000	0275.9	050.1	060.8	100.0000	0586.9	053.7	78.6
256.0	012.0000	0276.0	050.1	059.9	100.0000	0586.3	053.9	78.5
257.0	012.0000	0276.0	050.1	059.0	100.0000	0585.9	054.1	78.5
258.0	012.0000	0275.7	050.1	058.2	100.0000	0586.2	054.4	78.4
259.0	012.0000	0275.3	050.1	057.3	100.0000	0586.7	054.8	78.2
260.0	012.0000	0275.0	050.1	056.5	100.0000	0586.9	055.1	78.1
261.0	012.0000	0274.6	050.0	055.6	100.0000	0586.9	055.5	78.0
262.0	012.0000	0273.7	050.0	054.9	100.0000	0586.6	055.9	77.8
263.0	012.0000	0272.3	049.9	054.1	100.0000	0585.9	056.4	77.6
264.0	012.0000	0270.6	049.7	053.4	100.0000	0585.3	056.9	77.5
265.0	012.0000	0269.1	049.6	052.7	100.0000	0585.3	057.5	77.3
266.0	012.0000	0267.8	049.5	052.0	100.0000	0584.9	058.0	77.1
267.0	012.0000	0266.2	049.4	051.4	100.0000	0584.7	058.6	76.9
268.0	012.0000	0264.6	049.3	050.8	100.0000	0584.7	059.2	76.7
269.0	012.0000	0263.0	049.2	050.2	100.0000	0584.4	059.8	76.4
270.0	012.0000	0261.4	049.1	049.6	100.0000	0584.4	060.4	76.2

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MALTA BEND, MISSOURI  
November 2002**

**EXHIBIT A6**

KPRS - BLH-19870522KA  
Channel = 277C  
Max ERP = 100 kW  
RCAMSL = 874 M  
N. Lat = 39 00 57  
W. Lng = 94 30 24

KRLI - Proposed  
Channel = 280C2  
Max ERP = 12 kW  
RCAMSL = 478.8 M  
N. Lat = 39 21 59  
W. Lng = 93 24 12

Protected  
60 dBu

Interfering  
100 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
050.0	100.0000	0584.4	091.2	308.4	012.0000	0252.1	031.9	70.2
051.0	100.0000	0584.7	091.2	307.7	012.0000	0252.1	030.4	71.0
052.0	100.0000	0584.9	091.2	307.0	012.0000	0253.4	028.8	72.0
053.0	100.0000	0585.3	091.2	306.1	012.0000	0254.1	027.3	73.0
054.0	100.0000	0585.9	091.3	305.0	012.0000	0254.2	025.8	74.0
055.0	100.0000	0586.6	091.3	303.8	012.0000	0254.2	024.3	75.1
056.0	100.0000	0586.9	091.3	302.3	012.0000	0253.2	022.8	76.2
057.0	100.0000	0586.7	091.3	300.5	012.0000	0252.2	021.4	77.2
058.0	100.0000	0586.2	091.3	298.4	012.0000	0250.7	020.0	78.3
059.0	100.0000	0585.9	091.3	295.9	012.0000	0250.1	018.6	79.4
060.0	100.0000	0586.3	091.3	293.0	012.0000	0251.8	017.3	80.5
061.0	100.0000	0586.9	091.3	289.5	012.0000	0253.7	016.1	81.6
062.0	100.0000	0587.5	091.3	285.5	012.0000	0258.5	014.9	82.5
063.0	100.0000	0588.0	091.4	280.7	012.0000	0259.2	013.9	83.8
064.0	100.0000	0589.1	091.4	275.1	012.0000	0257.5	013.0	85.0
065.0	100.0000	0591.2	091.5	268.8	012.0000	0263.0	012.2	86.4
066.0	100.0000	0593.8	091.6	261.7	012.0000	0273.7	011.5	87.7
067.0	100.0000	0596.2	091.7	253.8	012.0000	0275.7	011.2	88.4
068.0	100.0000	0597.6	091.7	245.6	012.0000	0276.2	011.0	88.6
069.0	100.0000	0598.1	091.7	237.4	012.0000	0277.1	011.2	88.3
070.0	100.0000	0597.8	091.7	229.7	012.0000	0277.7	011.7	87.6
071.0	100.0000	0597.1	091.7	222.8	012.0000	0278.2	012.4	86.6
072.0	100.0000	0596.6	091.7	216.8	012.0000	0280.1	013.2	85.4
073.0	100.0000	0596.5	091.7	211.6	012.0000	0281.1	014.2	84.2
074.0	100.0000	0597.2	091.7	207.1	012.0000	0282.2	015.3	83.1
075.0	100.0000	0598.3	091.8	203.3	012.0000	0281.5	016.5	82.1
076.0	100.0000	0599.2	091.8	200.1	012.0000	0281.2	017.8	81.0
077.0	100.0000	0599.5	091.8	197.4	012.0000	0280.9	019.1	79.9
078.0	100.0000	0599.1	091.8	195.2	012.0000	0281.0	020.6	78.8
079.0	100.0000	0598.5	091.8	193.4	012.0000	0281.3	022.0	77.6
080.0	100.0000	0598.1	091.7	191.9	012.0000	0281.4	023.5	76.5
081.0	100.0000	0598.5	091.8	190.6	012.0000	0281.3	025.0	75.4
082.0	100.0000	0599.8	091.8	189.4	012.0000	0281.9	026.5	74.4
083.0	100.0000	0601.0	091.9	188.3	012.0000	0282.3	028.0	73.4
084.0	100.0000	0602.0	091.9	187.5	012.0000	0282.5	029.6	72.5
085.0	100.0000	0603.1	091.9	186.8	012.0000	0282.5	031.1	71.6
086.0	100.0000	0602.8	091.9	186.3	012.0000	0282.4	032.7	70.8
087.0	100.0000	0602.5	091.9	185.8	012.0000	0282.4	034.3	70.0
088.0	100.0000	0602.2	091.9	185.5	012.0000	0282.4	035.9	69.2
089.0	100.0000	0602.0	091.9	185.2	012.0000	0282.3	037.5	68.5
090.0	100.0000	0601.4	091.9	185.0	012.0000	0282.3	039.1	67.7

**MINOR CHANGE/**  
**ONE-STEP APPLICATION**  
**KANZA, INC.**  
**KRLI (FM) RADIO STATION**  
**CH 280C2 - 103.9 MHZ - 12.0 KW**  
**MALTA BEND, MISSOURI**  
**November 2002**

**EXHIBIT A7**

Predicted contours:

N. Lat. = 39 21 59 - Tabulated Protected and Interfering Contour Data  
W. Lng. = 93 24 12 - KRLI Radio Station - Malta Bend, Missouri

HAAT and Distance to Contour - FCC Method - 30 Arc Second terrain database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	212.2	266.6	12.0000	10.79	1.000	49.46	120.56	72.98	5.07
010	215.1	263.7	12.0000	10.79	1.000	49.26	120.23	72.71	5.05
020	216.6	262.2	12.0000	10.79	1.000	49.15	120.05	72.56	5.04
030	216.2	262.6	12.0000	10.79	1.000	49.18	120.11	72.61	5.04
040	212.4	266.4	12.0000	10.79	1.000	49.44	120.53	72.96	5.07
050	208.1	270.7	12.0000	10.79	1.000	49.75	121.03	73.36	5.10
060	204.2	274.6	12.0000	10.79	1.000	50.03	121.49	73.73	5.13
070	210.6	268.2	12.0000	10.79	1.000	49.58	120.75	73.13	5.08
080	218.3	260.5	12.0000	10.79	1.000	49.03	119.86	72.40	5.02
090	212.6	266.2	12.0000	10.79	1.000	49.43	120.51	72.94	5.07
100	215.7	263.1	12.0000	10.79	1.000	49.21	120.16	72.65	5.05
110	207.7	271.1	12.0000	10.79	1.000	49.78	121.08	73.40	5.11
120	206.1	272.7	12.0000	10.79	1.000	49.90	121.27	73.56	5.12
130	202.4	276.4	12.0000	10.79	1.000	50.15	121.69	73.90	5.15
140	198.4	280.4	12.0000	10.79	1.000	50.44	122.16	74.27	5.18
150	198.1	280.7	12.0000	10.79	1.000	50.46	122.20	74.30	5.18
160	199.3	279.5	12.0000	10.79	1.000	50.37	122.05	74.18	5.17
170	199.0	279.8	12.0000	10.79	1.000	50.39	122.08	74.21	5.17
180	197.3	281.5	12.0000	10.79	1.000	50.51	122.28	74.37	5.19
190	197.3	281.5	12.0000	10.79	1.000	50.51	122.28	74.37	5.19
200	197.6	281.2	12.0000	10.79	1.000	50.49	122.24	74.34	5.18
210	196.9	281.9	12.0000	10.79	1.000	50.54	122.32	74.40	5.19
220	199.4	279.4	12.0000	10.79	1.000	50.36	122.04	74.17	5.17
230	201.1	277.7	12.0000	10.79	1.000	50.25	121.84	74.02	5.16
240	202.3	276.5	12.0000	10.79	1.000	50.17	121.71	73.91	5.15
250	203.1	275.7	12.0000	10.79	1.000	50.11	121.61	73.83	5.14
260	203.8	275.0	12.0000	10.79	1.000	50.06	121.53	73.77	5.14
270	217.4	261.4	12.0000	10.79	1.000	49.09	119.96	72.49	5.03
280	219.8	259.0	12.0000	10.79	1.000	48.92	119.69	72.26	5.01
290	225.1	253.7	12.0000	10.79	1.000	48.54	119.08	71.74	4.97
300	227.5	251.3	12.0000	10.79	1.000	48.37	118.81	71.51	4.96
310	230.5	248.3	12.0000	10.79	1.000	48.16	118.46	71.21	4.94
320	235.1	243.7	12.0000	10.79	1.000	47.83	117.93	70.75	4.90
330	228.3	250.5	12.0000	10.79	1.000	48.31	118.72	71.43	4.95
340	223.9	254.9	12.0000	10.79	1.000	48.63	119.22	71.86	4.98
350	214.0	264.8	12.0000	10.79	1.000	49.33	120.35	72.81	5.06

AMSL= 478.8 M