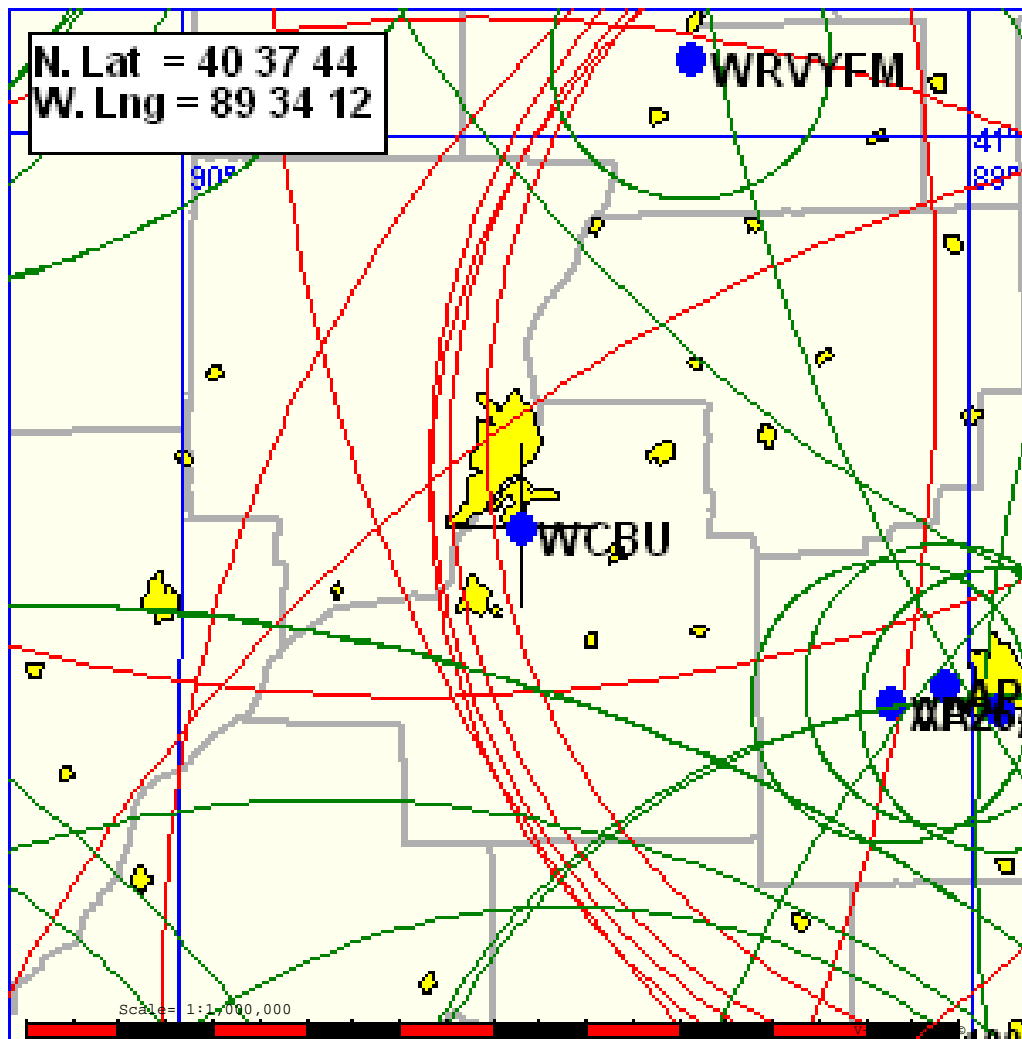


**Exhibit E-15**

This exhibit consists of this explanatory text, a spacing study, and two allocation study maps, which demonstrate that the facility would comply with the provisions of Section 73.509 of the Commission's Rules.

The allocation study maps depict on a large scale all of the proposed and existing facilities in the vicinity of WCBU to which interference may be a concern, and on a smaller scale in the vicinity of WLUJ at Springfield, Illinois. The second map was included in order to definitively illustrate that prohibited contour overlap between WCBU and WLUJ would not occur.

FM Commander<sup>(TM)</sup> LOCATE STUDY CH 210 B 89.9 MHz  
WCBU Spacing Study  
Peoria, IL

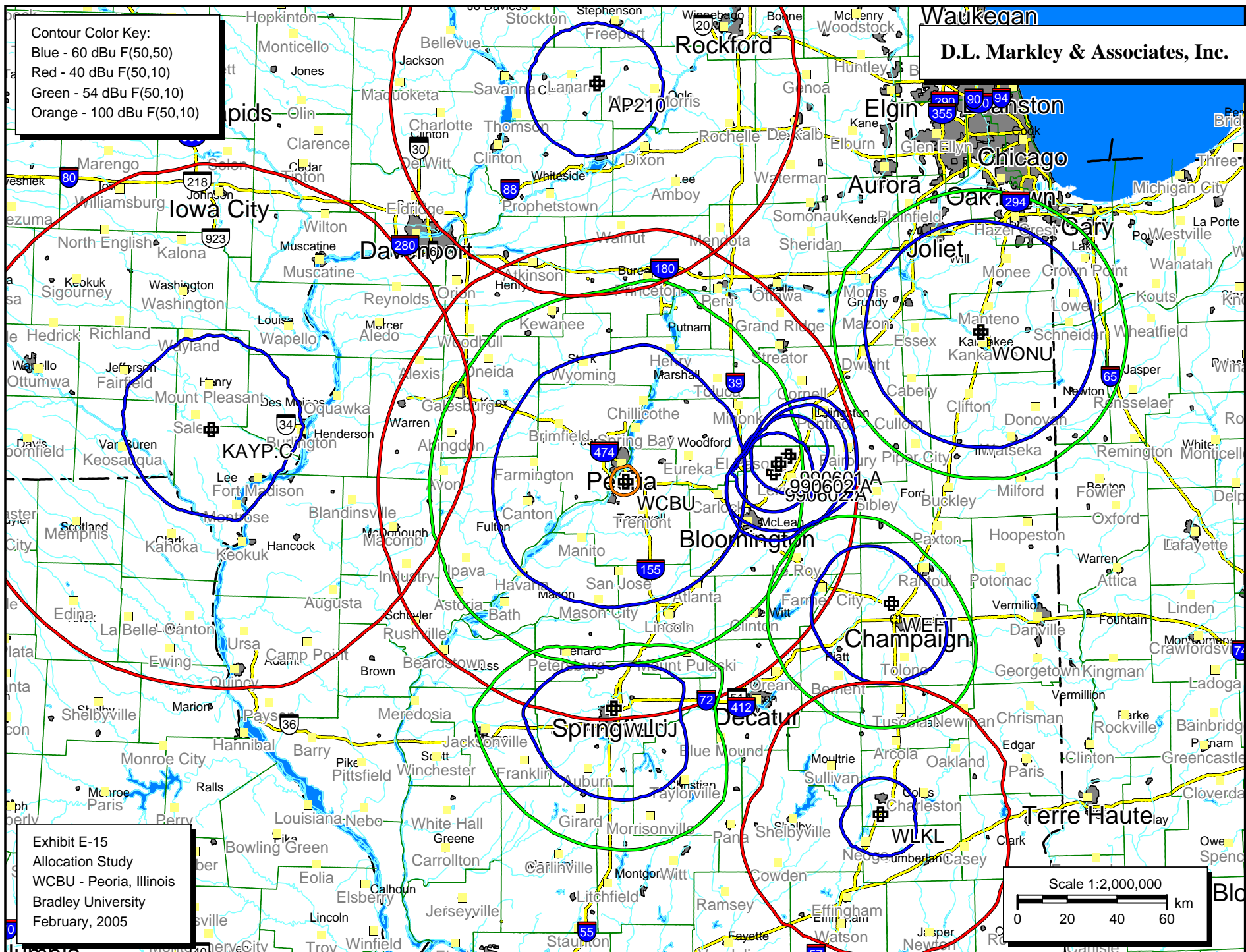


Data Date:02-05-05 Job Date:02-07-05

Call	CH#	Type	Location		Azi	D-KM	FCC	Margin
WCBU	210B	LIC	Peoria	IL	0.0	0.00	241.0	-241.00
WLUJ	209B1	LIC-D	Springfield	IL	182.9	91.23	145.0	-53.77
KAYP	210C3	LIC	Burlington	IA	277.2	167.79	211.0	-43.21
KAYP.C	210C3	CP	Burlington	IA	277.2	167.79	211.0	-43.21
WEFT	211B1	LIC-D	Champaign	IL	114.8	117.36	145.0	-27.64
AP210	210A	APP	Brookville	IL	355.9	160.31	178.0	-17.69
WONU	209B	LIC	Kankakee	IL	67.1	154.70	169.0	-14.30
WLKL	210A	LIC	Mattoon	IL	142.7	168.35	178.0	-9.65
990602	212A	APP-D	Gridley	IL	86.5	59.49	69.0	-9.51
990602	212B1	APP-D	Bloomington	IL	83.5	61.75	71.0	-9.25
980702	212A	APP-D	Gridley	IL	83.5	61.75	69.0	-7.25
990601	212A	APP	Gridley	IL	81.1	66.13	69.0	-2.87
WLCA	210A	LIC	Godfrey	IL	196.1	193.91	178.0	15.91
WLCA.A	210A	APP-D	Godfrey	IL	196.2	194.06	178.0	16.06
WLCA.C	210A	CP -D	Godfrey	IL	196.2	194.06	178.0	16.06
WMBIFM	211B	LIC	Chicago	IL	41.6	194.85	169.0	25.85
AP264	264A	APP	Normal	IL	115.2	43.85	15.0	28.85
VA264	264A	VAC	Normal	IL	115.2	43.85	15.0	28.85
WTSG	211A	LIC	Carlinville	IL	188.1	143.46	113.0	30.46
WJMU	208A	LIC	Decatur	IL	149.8	101.02	69.0	32.02
AP208	208A	APP	Decatur	IL	149.0	101.55	69.0	32.55

Call	CH#	Type	Location		Azi	D-KM	FCC	Margin
AP264	264A	APP	Normal	IL	110.4	48.47	15.0	33.47
AP264	264A	APP	Normal	IL	110.4	48.47	15.0	33.47
WHLR	210B1	LIC-D	Hanna	IN	67.7	245.93	211.0	34.93
WRVYFM	263A	LIC	Henry	IL	20.1	52.87	15.0	37.87
AP264	264A	APP N	Normal	IL	110.8	55.01	15.0	40.01
AP264	264A	APP N	Normal	IL	110.8	55.01	15.0	40.01
WSCT	213A	LIC	Springfield	IL	177.5	109.47	69.0	40.47
WISU	209B	LIC	Terre Haute	IN	125.0	213.96	169.0	44.96
WVIK	212C1	LIC	Rock Island	IL	323.6	127.25	79.0	48.25
WDLMMF	207C1	LIC	East Moline	IL	323.7	127.26	79.0	48.26
WHPL	210A	LIC-D	West Lafayette	IN	98.4	229.31	178.0	51.31
981020	209C3	APP	Bowling Green	MO	225.4	201.62	145.0	56.62
WORT	210B1	LIC	Madison	WI	1.4	269.09	211.0	58.09
WIPA	207B	LIC-D	Pittsfield	IL	223.6	138.33	74.0	64.33
971110	210A	APP	Marion	IA	313.4	242.35	178.0	64.35
971110	210A	APP N	Marion	IA	313.4	242.35	178.0	64.35
970505	210A	APP	Marion	IA	313.5	249.62	178.0	71.62
971030	210A	APP	Center Point	IA	313.5	250.02	178.0	72.02
971030	210A	APP	Center Point	IA	313.5	250.02	178.0	72.02
971114	210A	APP	Marion	IA	311.7	250.08	178.0	72.08
AP207	207A	APP	Minooka	IL	47.4	143.86	69.0	74.86

Call	CH#	Type	Location		Azi	D-KM	FCC	Margin
WRTV	06Z1C	LI	Indianapolis	IN	104.7	297.85	196.0	101.85
WITI	06Z1C	LI	Milwaukee	WI	26.3	306.67	196.0	110.67
KWQCTV	06+2C	LI	Davenport	IA	323.6	127.25	196.0	-68.75



Contour Color Key:  
Blue - 60 dBu F(50,50)  
Red - 40 dBu F(50,10)  
Green - 54 dBu F(50,10)  
Orange - 100 dBu F(50,10)

D.L. Markley & Associates, Inc.

WCBU 54 dBu  
F(50,10) Contour

WLUJ 60 dBu  
F(50,50) Contour

Exhibit E-15  
Allocation Study  
WCBU - Peoria, Illinois  
Bradley University  
February, 2005

Scale 1:100,000

0 1 2 3 km

