

# Broadcasting for the Challenged

Exhibit 15

Newton, IA

## Channel Study

REFERENCE		CH# 202A - 88.3 MHz, Pwr= 0.4 kW, HAAT=66.5M, COR= 338 M										DISPLAY DATES	
41 41 33 N. 93 00 37 W.		Average Protected F(50-50)= 11.9 km Ave. F(50-10) 40 dBu= 41.1 54 dBu= 17.4 80 dBu= 3.8 100 dBu= 1.4										DATA 09-16-05 SEARCH 09-19-05	
CH	CALL	TYPE		AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*		
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)		
202A Newton	KNNU.A	APP IA	CX	157.5 337.5	0.60 BMPED20050831ACL	41 41 15 93 00 27	0.140 93	383 36.7	10.8 Broadcasting For The Chall	-47.57*	-49.55*		
202A Newton	KNNU.C	CP IA	CX	112.9 292.9	2.94 BPED19981230MB	41 40 56 92 58 40	1.100 36	305 40.2	11.2 Broadcasting For The Chall	-48.34*	-46.19*		
202A Ames	KURE.C	CP IA	CX	305.6 125.6	64.83 BPED20041228ABP	42 01 47 93 38 51	1.000 47	325 45.3	12.6 Residence Associations Bro	7.44	10.37		
203A Grinnell	DKDIC	LIC IA	CN	75.5 255.5	24.98 BLED19850115LR	41 44 53 92 43 10	0.130 48	332 10.9	7.6 Grinnell College Trustees	2.59	0.72		
203A Grinnell	DKDIC	CP IA	CX	75.3 255.3	25.00 BPED20041028AFF	41 44 56 92 43 10	0.130 48	332 10.9	7.6 Grinnell College Trustees	2.58	0.71		
202C3 Cedar Rapids	KCKCFM	LIC IA	CN	77.4 257.4	115.20 BLED1408	41 54 33 91 39 17	10.000 106	366 96.1	32.9 Kirkwood Community College	7.58	42.55		
202A Ottumwa	970108	APP IA	CN	146.0 326.0	89.49 BPED19970108MI	41 01 26 92 24 48	0.250 42	279 27.9	8.4 American Family Associatio	48.94	37.36		
201A Des Moines	DKDPS	LIC IA	HN	257.2 77.2	53.94 BLED261	41 35 01 93 38 28	5.200 90	350 40.1	26.1 Des Moines Independent Sch	0.54	8.02		
202A Ottumwa	970321	APP IA	CX	146.5 326.5	97.28 BPED19970321MA	40 57 41 92 22 13	0.500 134	338 57.4	18.0 University Of Northern Iow	27.23	35.50		
203A Ames	KURE	LIC IA	C	305.6 125.6	64.83 BLED19961022KA	42 01 47 93 38 51	0.250 47	325 12.5	8.9 Residence Associations Bro	40.18	38.16		
205A Mitchellville	KDMR	LIC IA	DCX	264.2 84.2	26.65 BLED20050228AAU	41 40 05 93 19 43	1.000 104	354 1.6	19.0 University Of Northern Iow	11.83	6.23		
204C3 Marshalltown	980417	APP IA	CN	9.8 189.8	42.72 BPED19980417MH	42 04 17 92 55 19	8.300 28	319 1.7	17.2 Marshalltown Ed Plus Inc.	30.46	24.08		
204A Marshalltown	971009	APP IA	CN	10.9 190.9	35.39 BPED19971009MA	42 00 19 92 55 45	0.250 67	370 1.1	10.7 American Family Associatio	23.69	23.33		
203A Adel	KIHS	LIC IA	CX	263.7 83.7	87.08 BLED20040317ADQ	41 36 09 94 02 55	0.500 57	361 17.1	11.8 Csn International	56.80	55.68		
201C3 Waterloo	KBBG	LIC IA	CN	31.6 211.6	107.35 BLED19960329KC	42 30 45 92 19 24	9.500 38	320 29.5	19.9 Afro American Community Br	66.55	71.17		
204A Oskaloosa	KIGC	LIC IA	HN	144.4 324.4	52.18 BLED19910204KF	41 18 37 92 38 49	0.230 41	275 1.1	8.1 William Penn College	38.59	42.68		
205A Indianola	KSTM	LIC IA	CN	232.1 52.1	58.82 BLED19940422KD	41 22 00 93 33 57	0.100 31	307 0.7	5.7 Simpson College	44.94	51.67		
204A West Des Moines	KWDM	LIC IA	CN	259.8 79.8	62.90 BLED19931217KB	41 35 25 93 45 10	0.100 66	330 0.7	8.4 West Des Moines Community	48.96	53.13		
256C2 Brooklyn	KSKB	LIC IA	CN	90.1 270.1	54.21 BLED19990310KB	41 41 22 92 21 33	43.000 141	426 56.7	49.6 Florida Public Radio, Inc.	15.0R	39.2M		
204A St. Charles	AP204	APP IA	CX	235.9 55.9	78.40 BNPED20050103AJW	41 17 44 93 47 12	0.100 56	343 0.7	7.7 R B Schools	64.80	69.33		
06+2C Omaha	WOWTTV	LI NE	HN	261.4 81.4	255.42 BLCT19831024KI	41 18 40 96 01 37	100.000 418	761 23.6	114.3 Gray Television Licensee,	257.0R	-1.6M•		
06-2C Austin	KAAL	LI MN	HN	356.9 176.9	215.36 BLCT2236	43 37 42 93 09 12	100.000 320	696 19.5	104.9 Kaal-tv, Llc	257.0R	-41.6M•		
06+2C Davenport	KWQCTV	LI IA	HY	93.6 273.6	211.80 BLCT19821108KN	41 32 49 90 28 35	100.000 408	611 20.1	112.5 Young Broadcasting Of Dave	257.0R	-45.2M•		

ERP and HAAT on direct-line with reference station.

• affixed to TV6 Margin= no direct-line contour overlap.

\*\*\*affixed to 'IN' or 'Out' values = site inside protected contour.

Exhibit 15-A

FMCommander Allocation Study  
09-21-2005

KNNU.P CH 202 A  
.4 kW 338 M COR  
Prot. = 60 dBu  
Intef. = 40 dBu

KURE.C CH 202 A  
1 kW, 325 M COR  
Prot. = 60 dBu  
Intef. = 40 dBu

BPED20041228ABP

Scale = 1:1,125,000

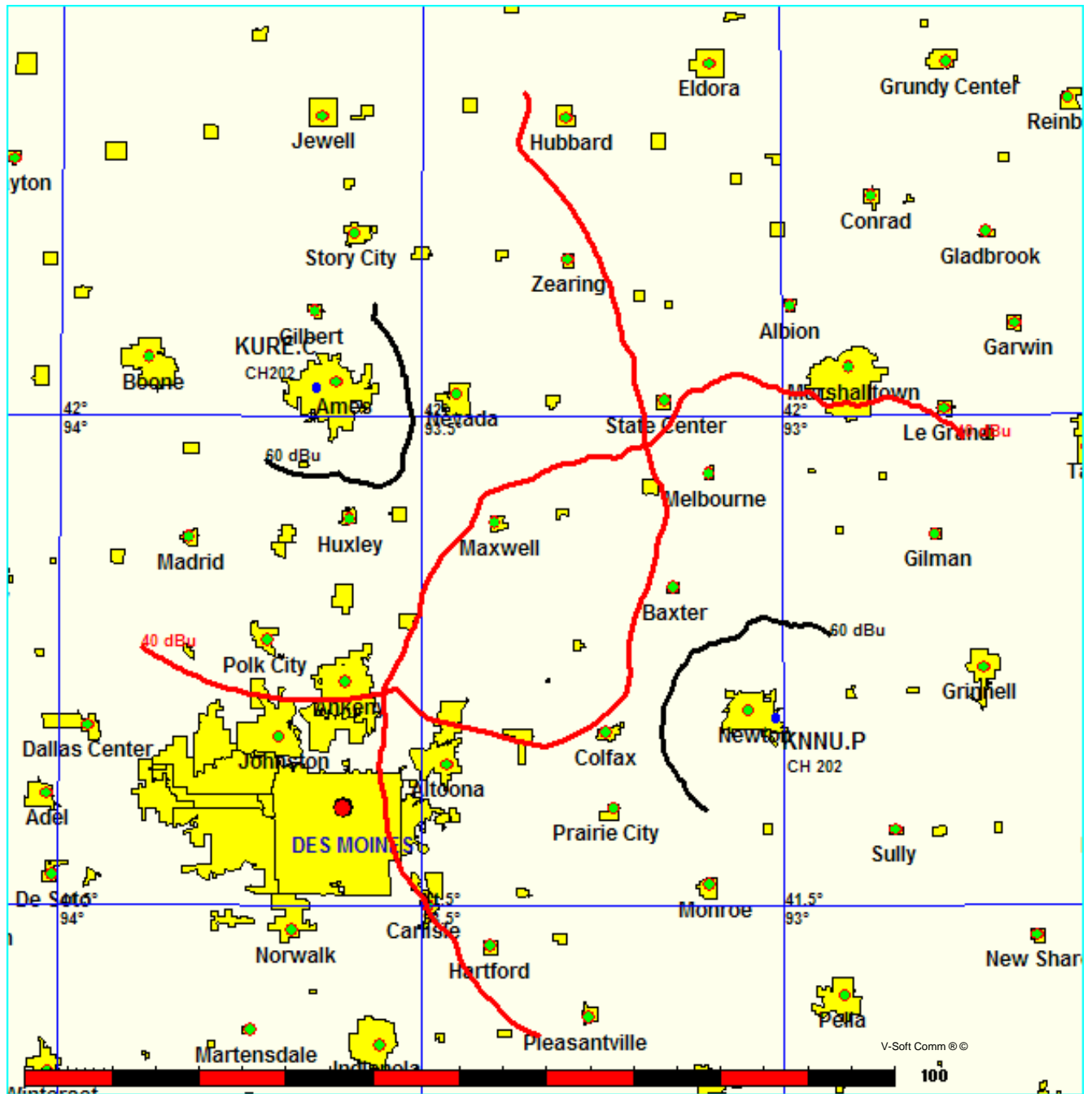


Exhibit 15-B

FMCommander Allocation Study  
09-21-2005

KNNU.P CH 202 A  
.4 kW 338 M COR  
Prot. = 60 dBu  
Intef. = 54 dBu

DKDIC CH 203 A BLED19850115LR  
.13 kW, 332 M COR  
Prot. = 60 dBu  
Intef. = 54 dBu

Scale = 1:500,000

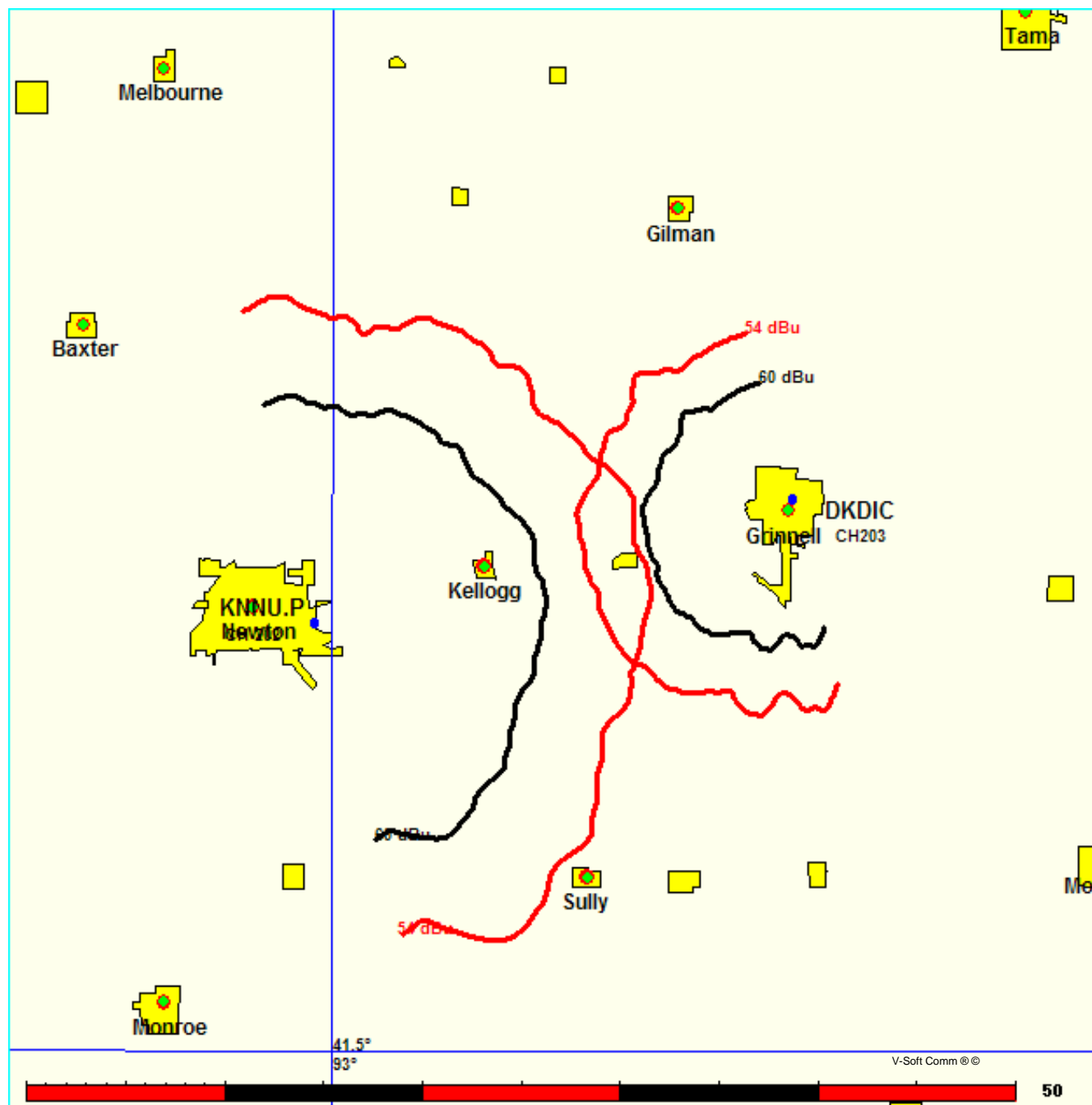


Exhibit 15-C

FMCommander Allocation Study  
09-21-2005

KNNU.P CH 202 A  
.4 kW 338 M COR  
Prot. = 60 dBu  
Intef. = 54 dBu

DKDIC CH 203 A BPED20041028AFF  
.13 kW, 332 M COR  
Prot. = 60 dBu  
Intef. = 54 dBu

Scale = 1:500,000

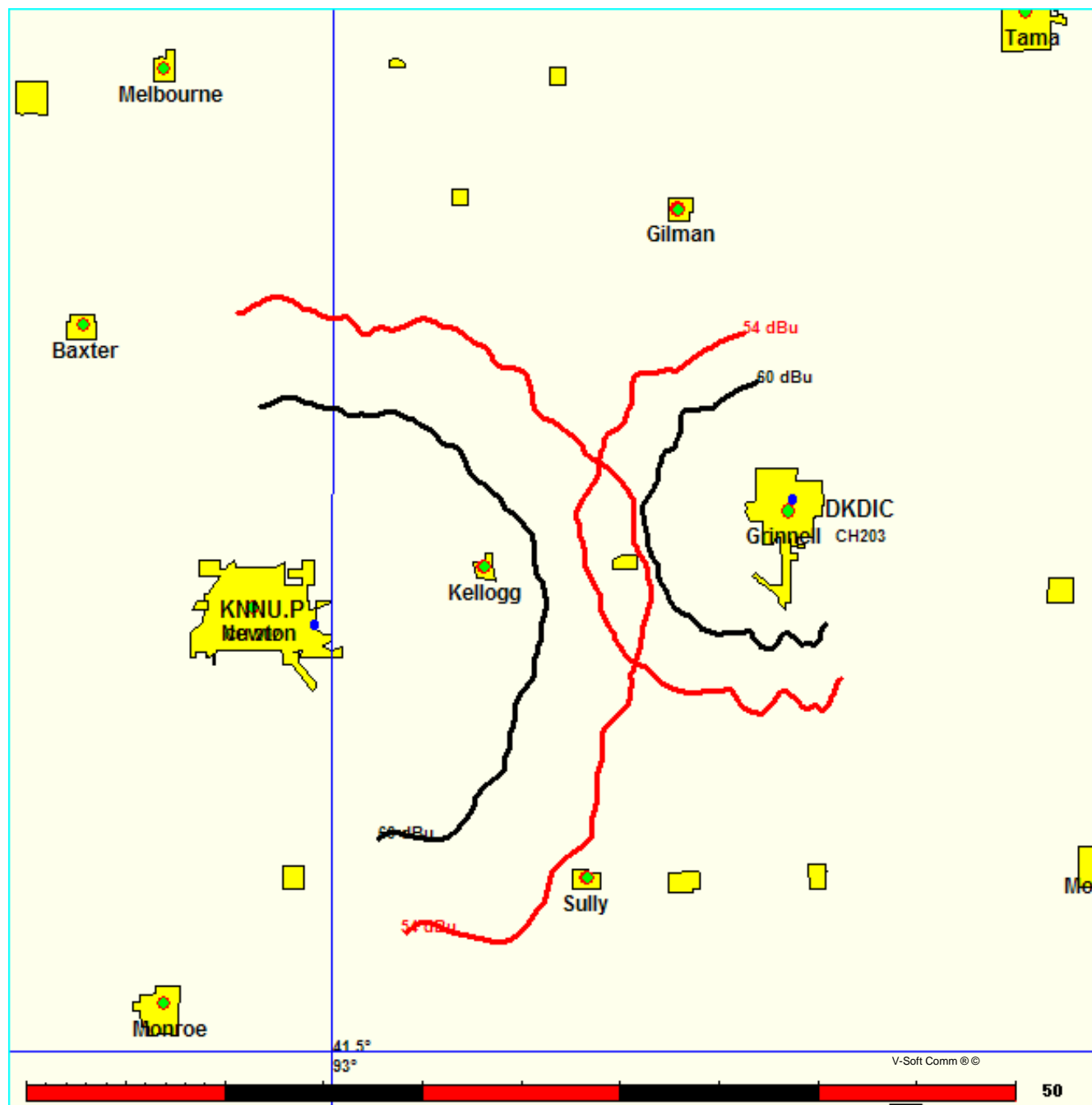


Exhibit 15-D

FMCommander Allocation Study  
09-21-2005

KNNU.P CH 202 A  
.4 kW 338 M COR  
Prot. = 60 dBu  
Intef. = 54 dBu

DKDPS CH 201 A BLED261  
5.2 kW, 350 M COR  
Prot. = 60 dBu  
Intef. = 54 dBu

Scale = 1:750,000

