

EXHIBIT E-1

CONTOUR PROTECTION
KIMX Laramie, Wyoming
Form 301, Channel 244C2
May 2004

This exhibit will show compliance with contour protection rules under the provisions of section 73.215, towards three other stations, 1) KXPK(FM) Evergreen, Colorado 2) KMGW Casper, Wyoming 3) KCMI Terrytown, Nebraska.

Figure 1 shows a channel spacing study conducted from the new proposed site located at N 41 – 17' – 15", W 105 – 26' – 38". Its shows that from the new site, KIMX will meet all of the spacing requires under 73.207, with the exception of the three stations listed above, KXPK, KMGW and KCMI.

All three of the above short spaced stations, meet minimum distance requirements under 73.215. KXPK is spaced 178.9 kilometers from the proposed KIMX. The minimum required spacing under 73.215 is 176 kilometers. KMGW is spaced 176.8 (rounds to 177) kilometers from KIMX. The minimum spacing required is 177 kilometers. KCMI is spaced 154.1 kilometers from KIMX. The minimum spacing required is 144 kilometers.

Next, all three short spaced stations, were evaluated for contour overlap. First, all the stations were adjusted for operation at their maximum class facilities, with the exception of KGMW since it is licensed under the provisions of 73.215. Because of this, KMGW was studied using its licensed facilities. The contour maps were plotted for each station against the proposed contours of the new

Exhibit E-1 (continued)

KIMX operating on Channel 244C2 at its new proposed site. It is proposed to operate KIMX at its new site with an Effective Radiated Power of 4.8 Kilowatts with an antenna Height Above Average Terrain of 313 Meters. This is less than the maximum allowed for full class C2 station, but an ERP and height greater than allowed for by a Class C3 station.

Figure 2 shows the contours of KXPK (243C) Evergreen, CO., operating at maximum facilities and the proposed operation of KIMX. The 54 DBU interference contour generated by either station does not overlap the 60 DBU protected contour of either station.

Figure 3 shows the contours of KMGW (244C2) Casper, WY., operating at its licensed facilities and the proposed operation of KIMX. The 40 DBU interference contour generated by either station does not overlap the 60 DBU protected contour of either station.

Figure 4 shows the contours of KCMH (245C1) Terrytown, NE., operating at maximum facilities and the proposed operation of KIMX. The 54 DBU interference contour generated by either station does not overlap the 60 DBU protected contour of either station.

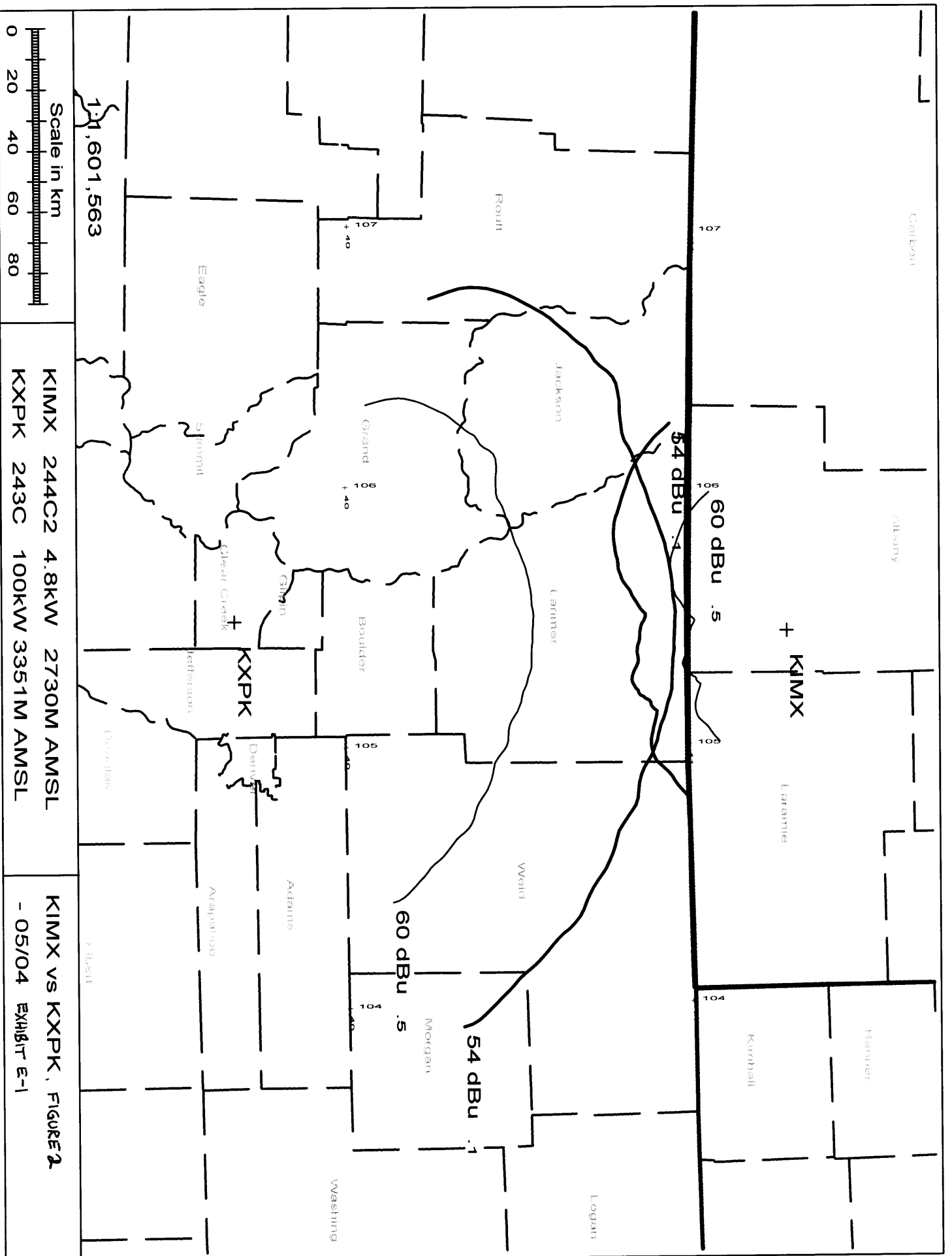
It was concluded that the proposed operation of KIMX at its new tower site and class will meet all of the provisions under section 73.215 of the Commission's rules.

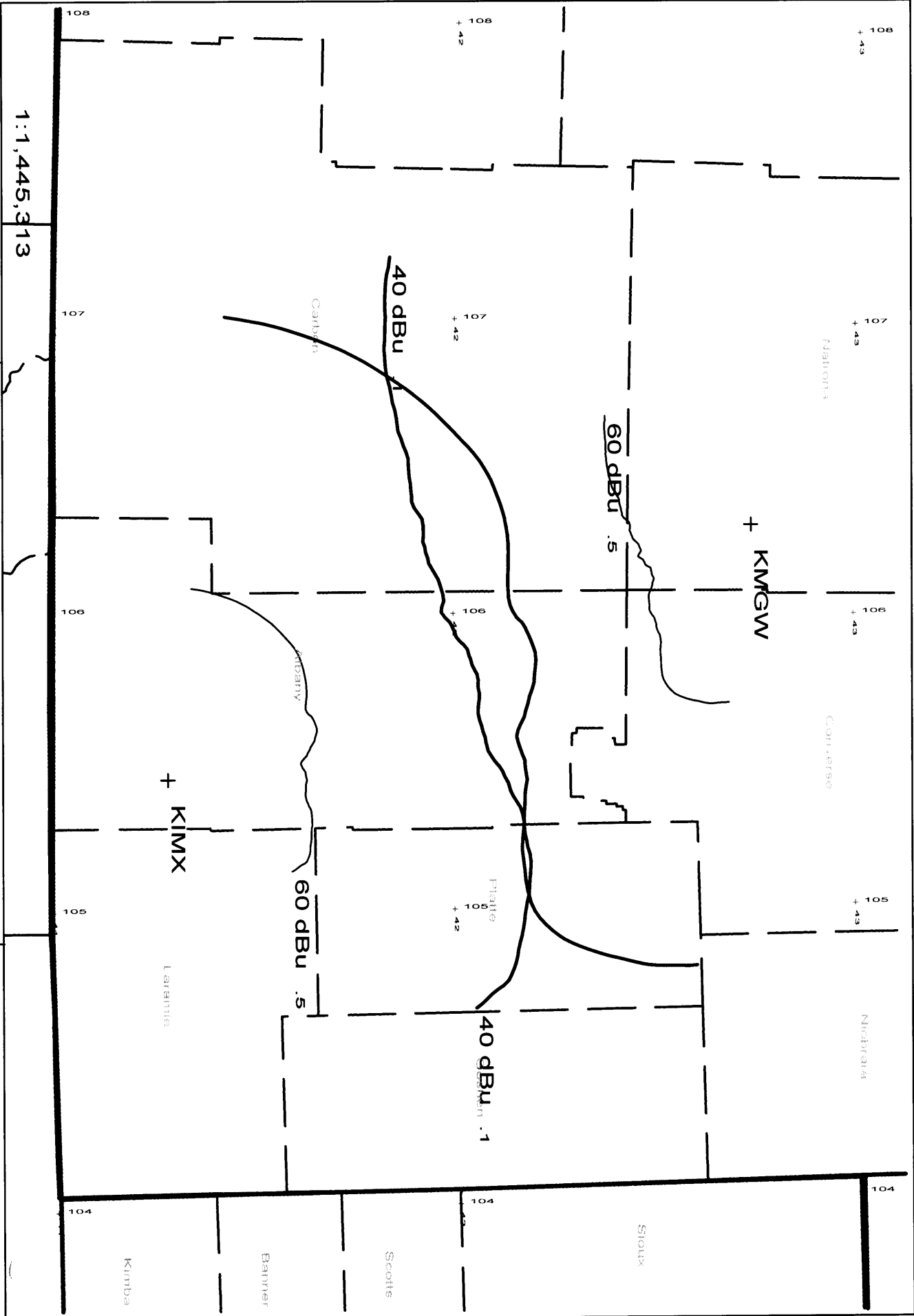
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Figure 1, Channel spacing study
KIMX Laramie, Wyoming, channel 244C2

REFERENCE		DISPLAY DATES
41 17 15 N	CLASS = C2	DATA 05-01-04
105 26 38 W	Current Spacings	SEARCH 05-01-04
----- Channel 244 - 96.7 MHz -----		

Call	Channel	Location		Dist	Azi	FCC	Margin
KIMX	LIC-N 244C2	Laramie	WY	0.25	195.9	190.0	-189.75
KMGW	LIC-N 244C2	Casper	WY	176.83	336.5	190.0	-13.17
KXPK	LIC 243C	Evergreen	CO	178.93	181.1	188.0	-9.07
KCMI	LIC 245C1	Terrytown	NE	154.06	72.0	158.0	-3.94
KSME	LIC 241C1	Greeley	CO	79.53	147.9	79.0	0.53
KBCRFM	LIC 245C2	Steamboat Springs	CO	149.79	232.6	130.0	19.79
KKAS.C	CP 243C1	Julesburg	CO	178.72	104.7	158.0	20.72
KBCOFM	LIC-D 247C	Boulder	CO	153.13	175.2	105.0	48.13

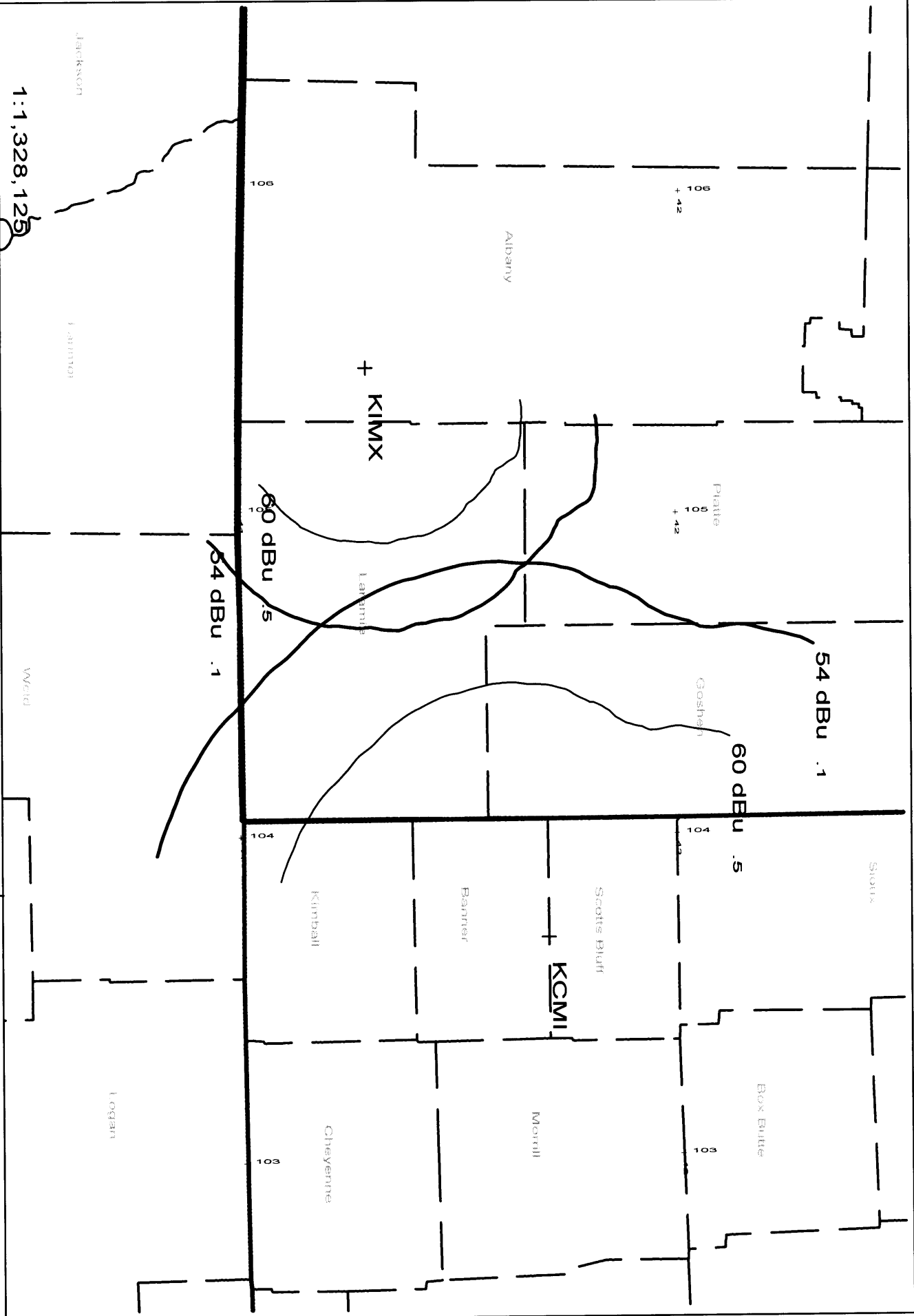




Scale in km
 0 10 20 30 40 50 60 70 80 90

KIMX 244C2 4.8kW 2730M AMSL
 KMGW 244C2 2.85kW 2504M AMSL

KIMX vs KMGW - FIGURE 3
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Scale in km
0 10 20 30 40 50 60 70

KIMX 244C2 4.8kW 2730M AMSL
KCMII 245C1 100kW 1609M AMSL

KIMX vs KCMII - FIGURE 4
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