

# 36 dBu KRNE-DT Noise-Limited and City Service Contours

## KRNE-D

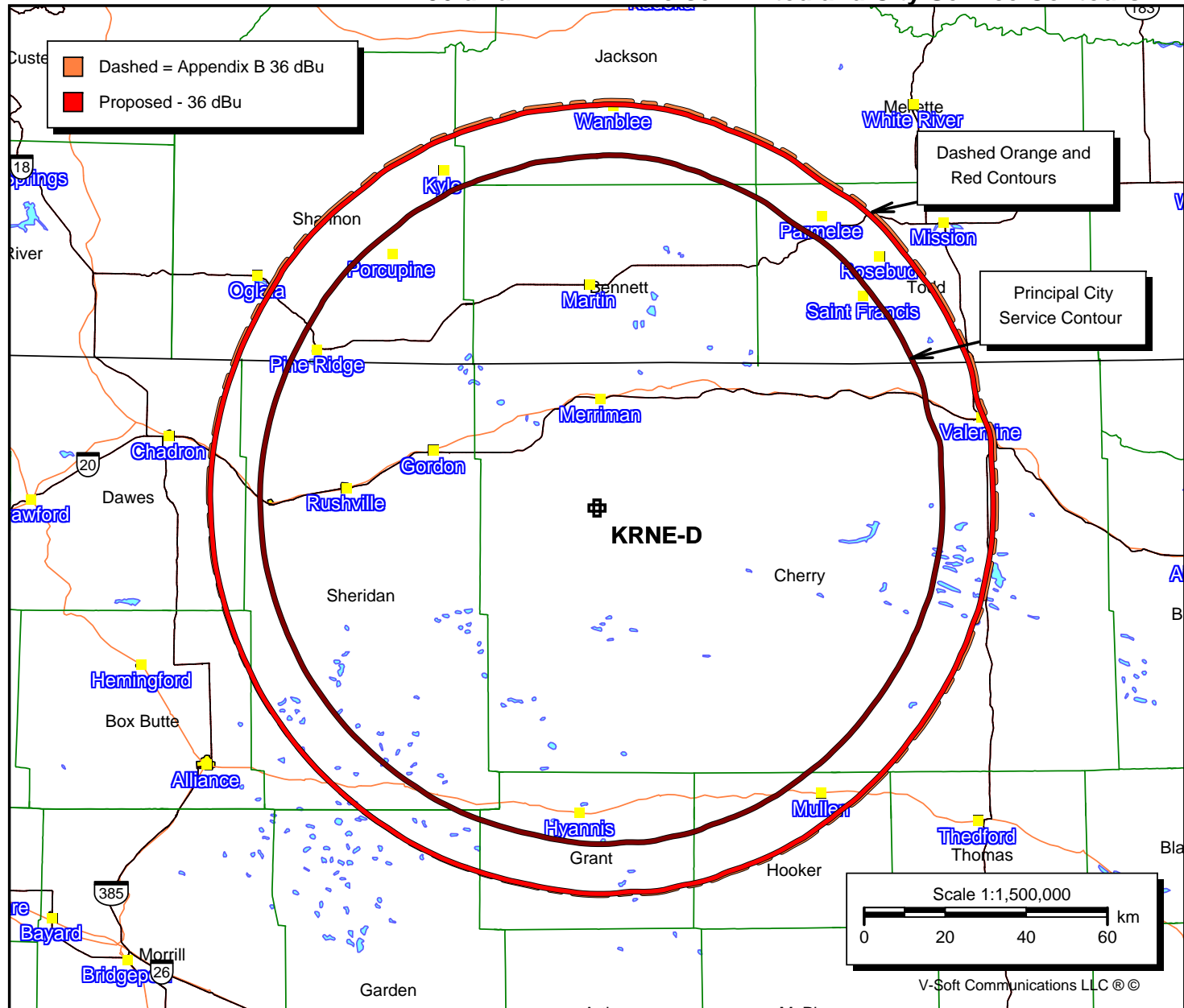
Appendix B

Latitude: 42-40-38 N  
Longitude: 101-42-36 W  
ERP: 15.70 kW  
Channel: 12  
Frequency: 207.0 MHz  
AMSL Height: 1377.0 m  
Horiz. Pattern: Directional  
Prop Model: FCC

## KRNE-D

Latitude: 42-40-38 N  
Longitude: 101-42-36 W  
ERP: 14.10 kW  
Channel: 12  
Frequency: 207.0 MHz  
AMSL Height: 1377.0 m  
Horiz. Pattern: Omni  
Prop Model: FCC

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N. Lat. = 424038.0 W. Lng. = 1014236.0  
 HAAT and Distance to Contour - FCC Method - USGS 03 SEC

KRNETV, Nebraska Educational Telecom , BLCT19810227KF

Azi .	AV EL	HAAT	ERP kW	dBk	Fi el d	36-F9	43-F9
000	1020.3	356.7	14.1000	11.49	1.000	99.26	86.71
045	1028.2	348.8	14.1000	11.49	1.000	98.66	86.13
090	1041.7	335.3	14.1000	11.49	1.000	97.63	85.13
135	1064.0	313.0	14.1000	11.49	1.000	95.91	83.55
180	1074.9	302.1	14.1000	11.49	1.000	95.11	82.85
225	1091.2	285.8	14.1000	11.49	1.000	94.26	81.98
270	1074.0	303.0	14.1000	11.49	1.000	95.17	82.91
315	1043.6	333.4	14.1000	11.49	1.000	97.47	84.98

Ave El = 1054.75 M HAAT= 322.25 M AMSL= 1377 M