

K39LT-D

0000005029

Latitude: 43-44-43 N

Longitude: 103-28-52 W

ERP: 4.346 kW

Channel: 36

Frequency: 605.0 MHz

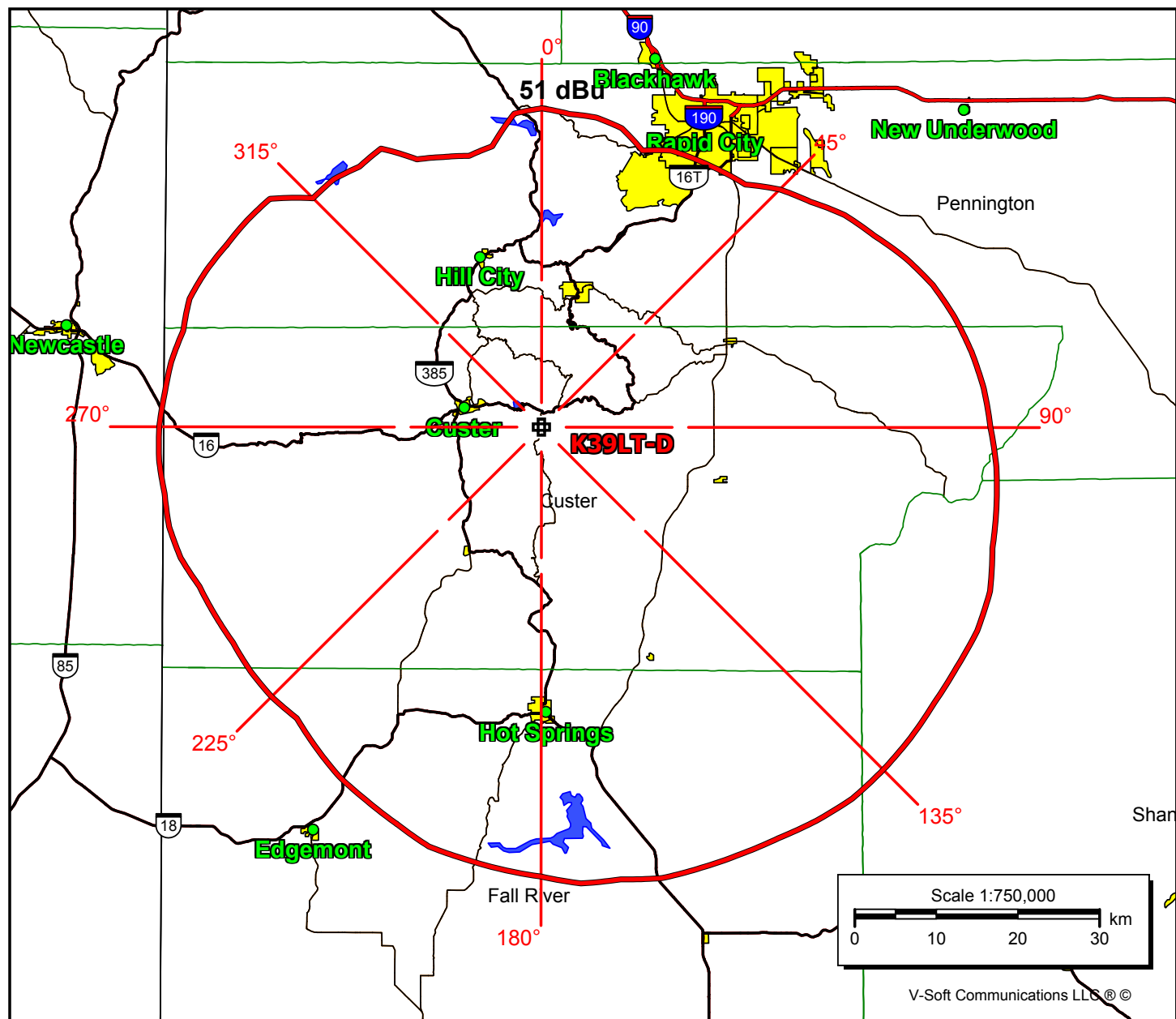
AMSL Height: 1921.8 m

Elevation: 1831.9 m

Horiz. Pattern: Directional

Elec Tilt: 2.0 Deg.

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Telecommunication Consultants



N. Lat. = 43-44-43.0 W. Lng. = 103-28-52.0
 HAAT and Distance to Contour,
 FCC OET,TV 3.2 - 16.1, 130 pts - FCC 30 Meter

K39LT-D, South Dakota Board Of Directors for Educational Communications, 0000005029

Azi.	AV EL	HAAT	ERP kw	dBk	Field	DAng	VFl d	D-kw	%Max	D-dBk	51-F9
000	1614.8	306.2	0.6850	-1.64	0.397	0.485	0.980	0.6578	98.0	-1.64	39.03
045	1426.8	494.2	0.3347	-4.75	0.277	0.616	0.985	0.3245	98.5	-4.75	41.10
090	1297.4	623.6	2.0096	3.03	0.680	0.692	0.988	1.9603	98.8	3.03	54.93
135	1319.1	601.9	4.2252	6.26	0.986	0.680	0.987	4.1176	98.7	6.26	59.25
180	1448.5	472.5	3.7185	5.70	0.925	0.602	0.984	3.6011	98.4	5.70	55.01
225	1654.2	266.8	4.0723	6.10	0.968	0.452	0.980	3.9110	98.0	6.10	46.69
270	1657.5	263.5	4.2595	6.29	0.990	0.450	0.980	4.0908	98.0	6.29	46.76
315	1752.0	169.0	2.7919	4.46	0.802	0.360	0.980	2.6813	98.0	4.46	39.47

Ave El= 1521.30 M HAAT= 399.70 M AMSL= 1921 M