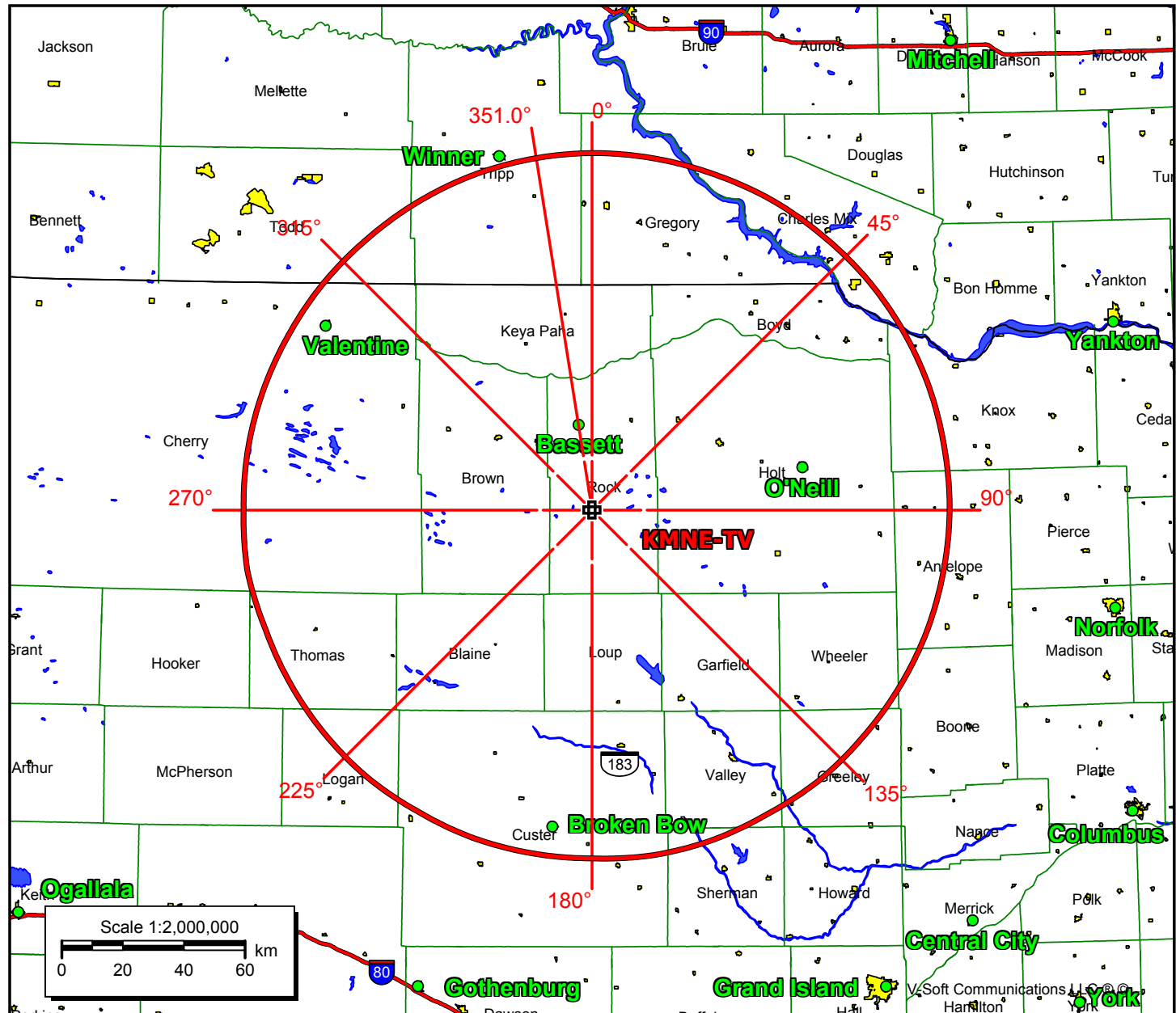


# 36 dBu Noise Limited Service Contour

## KMNE-TV

BLEDT-20090225ABN  
 Latitude: 42-20-05 N  
 Longitude: 099-29-03 W  
 ERP: 45.00 kW  
 Channel: 7  
 Frequency: 177.0 MHz  
 AMSL Height: 1219.5 m  
 Elevation: 770.5 m  
 Horiz. Pattern: Omni  
 Vert. Pattern: Yes  
 Elec Tilt: 1.5  
 Propagation Model: FCC

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 401 Main Street, Suite 213  
 Cedar Falls, Iowa 50613  
 Telecommunication Consultants



N. Lat. = 42-20-05.0 W. Lng. = 99-29-03.0  
 HAAT and Distance to Contour,  
 FCC OET,TV 3.2 - 16.1, 130 pts - FCC 30 Meter

KMNE-TV, Nebraska Educational Telecomm, BLEDT-20090225AB

Azi.	AV EL	HAAT	ERP kw	dBk	Field	DAng	VFl d	D-kw	%Max	D-dBk	36-F9
000	745.7	473.3	45.0000	16.53	1.000	0.603	0.896	36.0943	89.6	15.57	116.86
045	734.7	484.3	45.0000	16.53	1.000	0.610	0.897	36.2205	89.7	15.59	117.54
090	743.7	475.3	45.0000	16.53	1.000	0.604	0.896	36.1165	89.6	15.58	116.98
135	764.9	454.1	45.0000	16.53	1.000	0.590	0.893	35.8697	89.3	15.55	115.29
180	779.0	440.0	45.0000	16.53	1.000	0.581	0.891	35.7030	89.1	15.53	113.96
225	776.5	442.5	45.0000	16.53	1.000	0.583	0.891	35.7327	89.1	15.53	114.19
270	778.9	440.1	45.0000	16.53	1.000	0.581	0.891	35.7045	89.1	15.53	113.97
315	767.3	451.7	45.0000	16.53	1.000	0.589	0.892	35.8423	89.2	15.54	115.07

Additional Radials (Not Considered in Average):

351	746.9	472.1	45.0000	16.53	1.000	0.602	0.895	36.0796	89.5	15.57	116.77
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Ave El= 761.34 M HAAT= 457.66 M AMSL= 1219 M