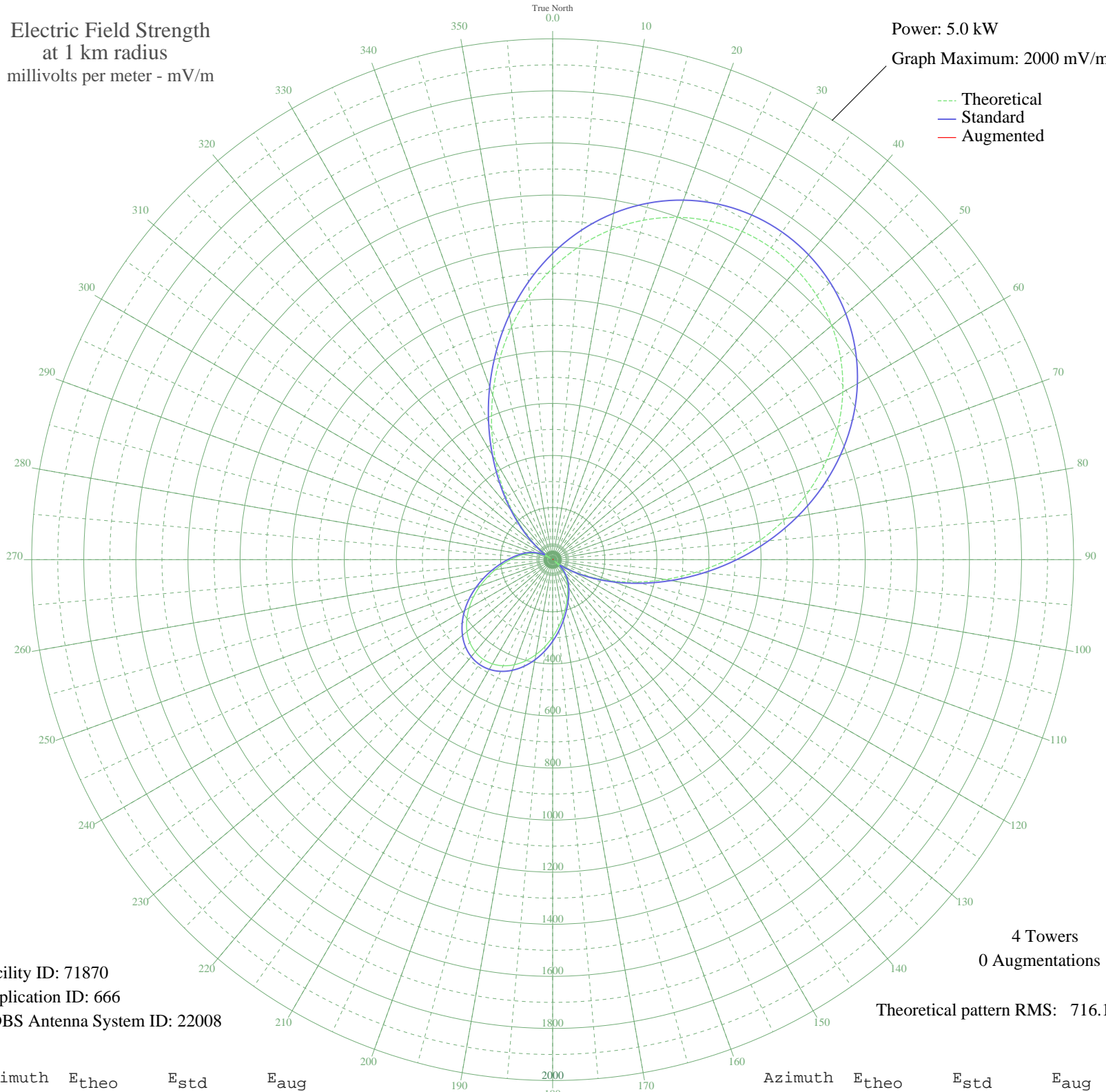


# KLTC DICKINSON, ND BL-14512 1460 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 71870  
Application ID: 666  
CDBS Antenna System ID: 22008

4 Towers  
0 Augmentations

Theoretical pattern RMS: 716.16

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1119.58	1176.02	
5	1209.18	1270.08	
10	1286.10	1350.81	
15	1349.46	1417.32	
20	1398.82	1469.13	
25	1434.05	1506.11	
30	1455.14	1528.26	
35	1462.17	1535.64	
40	1455.14	1528.26	
45	1434.05	1506.11	
50	1398.82	1469.13	
55	1349.46	1417.32	
60	1286.10	1350.81	
65	1209.18	1270.08	
70	1119.58	1176.02	
75	1018.70	1070.15	
80	908.63	954.64	
85	792.10	832.37	
90	672.42	706.82	
95	553.30	581.91	
100	438.59	461.71	
105	331.91	350.08	
110	236.33	250.34	
115	153.97	165.03	
120	85.89	96.08	
125	32.33	47.44	
130	15.07	36.73	
135	44.93	57.65	
140	70.17	80.79	
145	92.02	102.15	
150	113.14	123.33	
155	135.73	146.32	
160	161.29	172.57	
165	190.55	202.80	
170	223.48	236.98	
175	259.37	274.35	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	296.93	313.54	
185	334.52	352.80	
190	370.29	390.21	
195	402.42	423.84	
200	429.28	451.96	
205	449.49	473.12	
210	462.03	486.26	
215	466.28	490.71	
220	462.03	486.26	
225	449.49	473.12	
230	429.28	451.96	
235	402.42	423.84	
240	370.29	390.21	
245	334.52	352.80	
250	296.93	313.54	
255	259.37	274.35	
260	223.48	236.98	
265	190.55	202.80	
270	161.29	172.57	
275	135.73	146.32	
280	113.14	123.33	
285	92.02	102.15	
290	70.17	80.79	
295	44.93	57.65	
300	15.07	36.73	
305	32.33	47.44	
310	85.89	96.08	
315	153.97	165.03	
320	236.33	250.35	
325	331.91	350.08	
330	438.59	461.71	
335	553.30	581.91	
340	672.42	706.82	
345	792.10	832.37	
350	908.63	954.64	
355	1018.70	1070.15	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission