

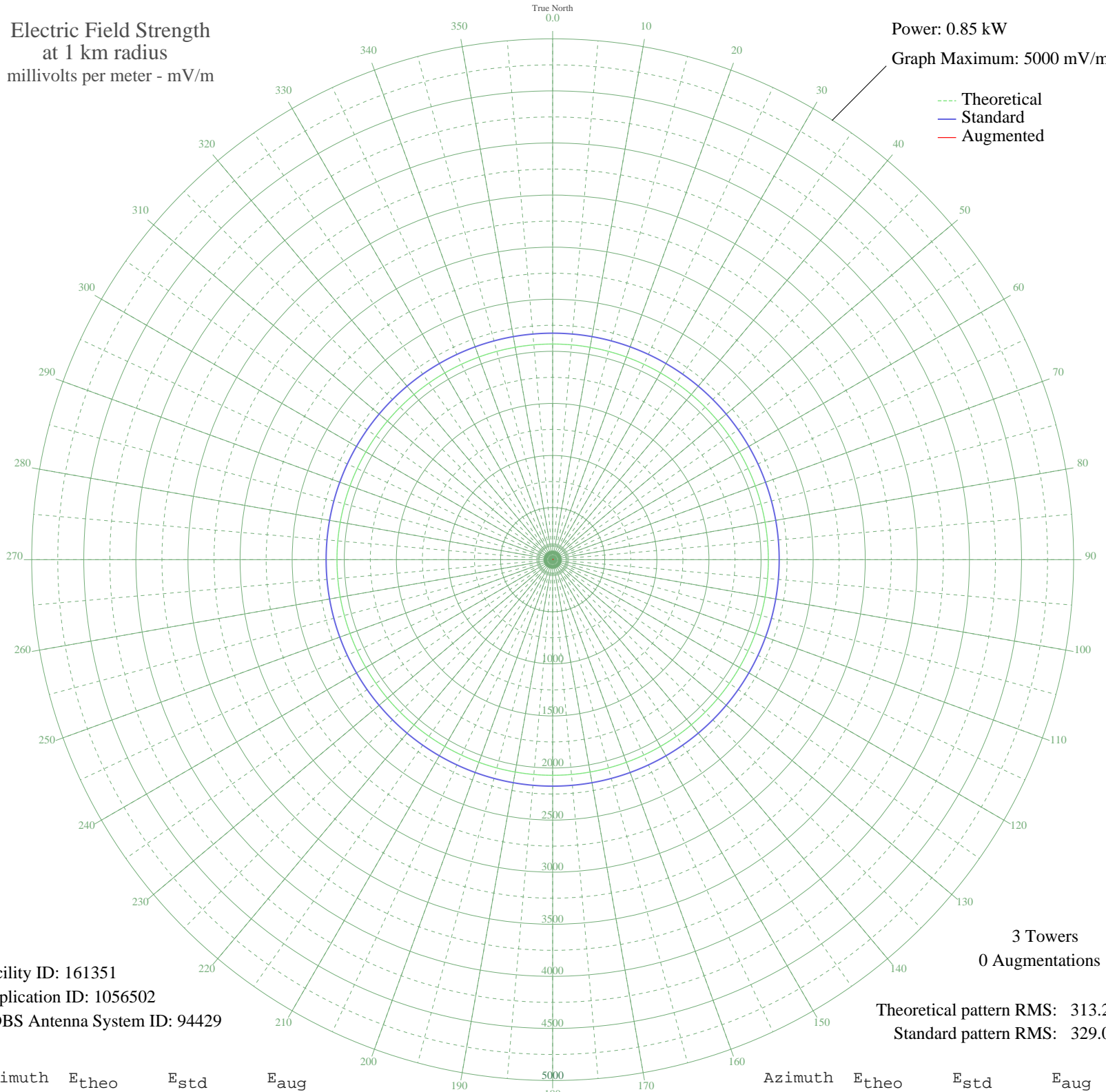
# NEW ALBERT LEA, MN BNP-20050118AGN 1100 kHz

Daytime

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

Power: 0.85 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 161351  
Application ID: 1056502  
CDBS Antenna System ID: 94429

3 Towers  
0 Augmentations

Theoretical pattern RMS: 313.23  
Standard pattern RMS: 329.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2070.00	2174.18	
5	2070.00	2174.18	
10	2070.00	2174.18	
15	2070.00	2174.18	
20	2070.00	2174.18	
25	2070.00	2174.18	
30	2070.00	2174.18	
35	2070.00	2174.18	
40	2070.00	2174.18	
45	2070.00	2174.18	
50	2070.00	2174.18	
55	2070.00	2174.18	
60	2070.00	2174.18	
65	2070.00	2174.18	
70	2070.00	2174.18	
75	2070.00	2174.18	
80	2070.00	2174.18	
85	2070.00	2174.18	
90	2070.00	2174.18	
95	2070.00	2174.18	
100	2070.00	2174.18	
105	2070.00	2174.18	
110	2070.00	2174.18	
115	2070.00	2174.18	
120	2070.00	2174.18	
125	2070.00	2174.18	
130	2070.00	2174.18	
135	2070.00	2174.18	
140	2070.00	2174.18	
145	2070.00	2174.18	
150	2070.00	2174.18	
155	2070.00	2174.18	
160	2070.00	2174.18	
165	2070.00	2174.18	
170	2070.00	2174.18	
175	2070.00	2174.18	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2070.00	2174.18	
185	2070.00	2174.18	
190	2070.00	2174.18	
195	2070.00	2174.18	
200	2070.00	2174.18	
205	2070.00	2174.18	
210	2070.00	2174.18	
215	2070.00	2174.18	
220	2070.00	2174.18	
225	2070.00	2174.18	
230	2070.00	2174.18	
235	2070.00	2174.18	
240	2070.00	2174.18	
245	2070.00	2174.18	
250	2070.00	2174.18	
255	2070.00	2174.18	
260	2070.00	2174.18	
265	2070.00	2174.18	
270	2070.00	2174.18	
275	2070.00	2174.18	
280	2070.00	2174.18	
285	2070.00	2174.18	
290	2070.00	2174.18	
295	2070.00	2174.18	
300	2070.00	2174.18	
305	2070.00	2174.18	
310	2070.00	2174.18	
315	2070.00	2174.18	
320	2070.00	2174.18	
325	2070.00	2174.18	
330	2070.00	2174.18	
335	2070.00	2174.18	
340	2070.00	2174.18	
345	2070.00	2174.18	
350	2070.00	2174.18	
355	2070.00	2174.18	

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.

21 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission