

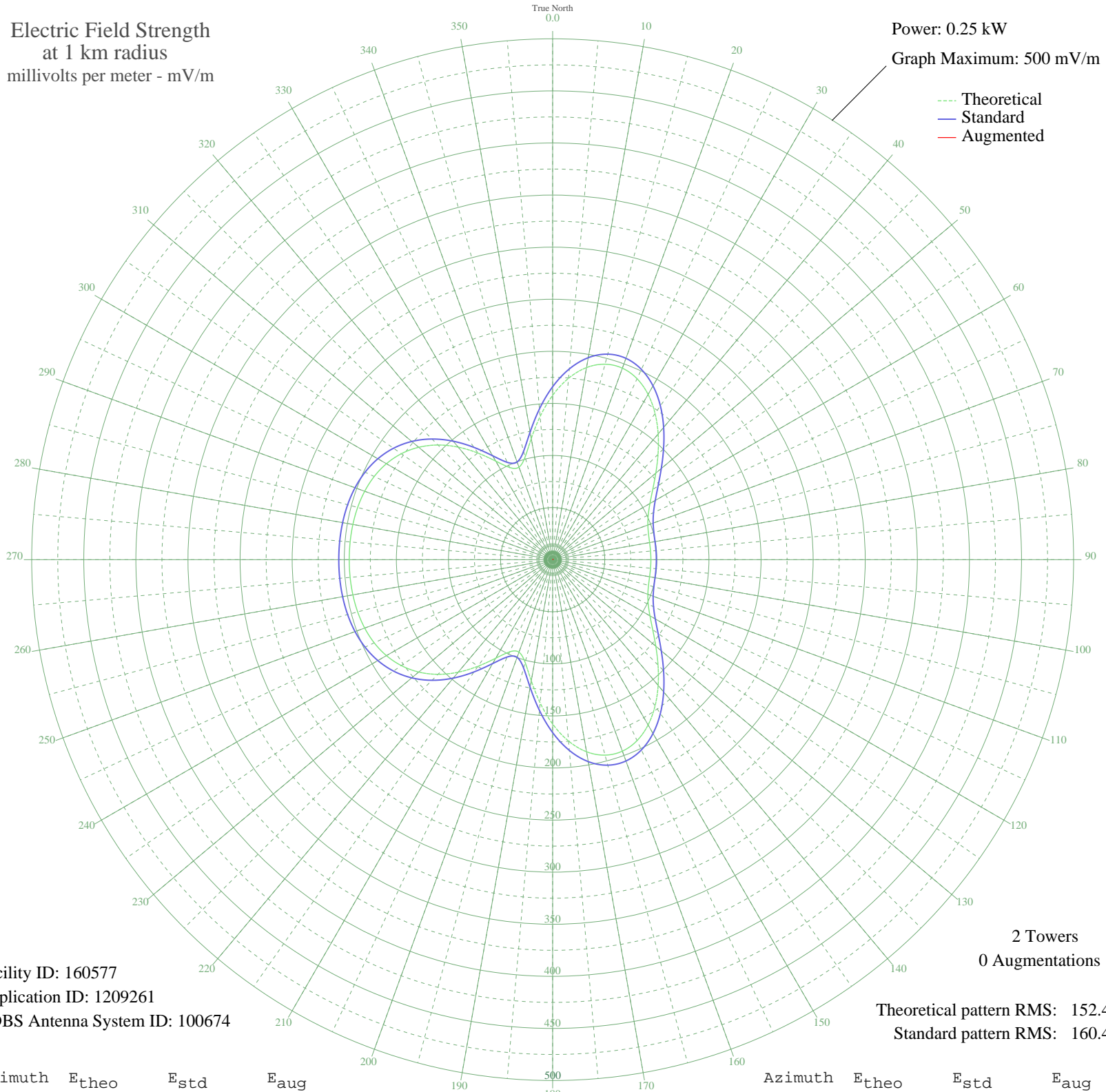
NONE DALHART, TX BNP-20051025ABG 1600 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 160577  
Application ID: 1209261  
CDBS Antenna System ID: 100674

2 Towers  
0 Augmentations

Theoretical pattern RMS: 152.46  
Standard pattern RMS: 160.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	157.80	166.02	
5	174.79	183.83	
10	187.25	196.90	
15	194.27	204.26	
20	195.63	205.68	
25	191.67	201.53	
30	183.21	192.65	
35	171.38	180.25	
40	157.52	165.73	
45	143.03	150.55	
50	129.23	136.10	
55	117.25	123.56	
60	107.83	113.70	
65	101.24	106.82	
70	97.25	102.65	
75	95.24	100.56	
80	94.47	99.75	
85	94.29	99.56	
90	94.28	99.55	
95	94.29	99.56	
100	94.47	99.75	
105	95.24	100.56	
110	97.25	102.65	
115	101.24	106.82	
120	107.83	113.70	
125	117.25	123.56	
130	129.23	136.10	
135	143.03	150.55	
140	157.52	165.73	
145	171.38	180.25	
150	183.21	192.65	
155	191.67	201.53	
160	195.63	205.68	
165	194.27	204.26	
170	187.25	196.90	
175	174.79	183.83	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	157.80	166.02	
185	137.99	145.27	
190	118.11	124.46	
195	102.11	107.73	
200	94.51	99.79	
205	97.63	103.05	
210	109.23	115.18	
215	124.88	131.54	
220	141.03	148.45	
225	155.65	163.77	
230	167.83	176.53	
235	177.30	186.46	
240	184.22	193.72	
245	188.96	198.68	
250	191.97	201.85	
255	193.75	203.71	
260	194.69	204.69	
265	195.12	205.14	
270	195.24	205.27	
275	195.12	205.14	
280	194.69	204.69	
285	193.75	203.71	
290	191.97	201.85	
295	188.96	198.68	
300	184.22	193.72	
305	177.30	186.46	
310	167.83	176.53	
315	155.65	163.77	
320	141.03	148.45	
325	124.88	131.54	
330	109.23	115.18	
335	97.63	103.05	
340	94.51	99.79	
345	102.11	107.73	
350	118.11	124.46	
355	137.99	145.27	