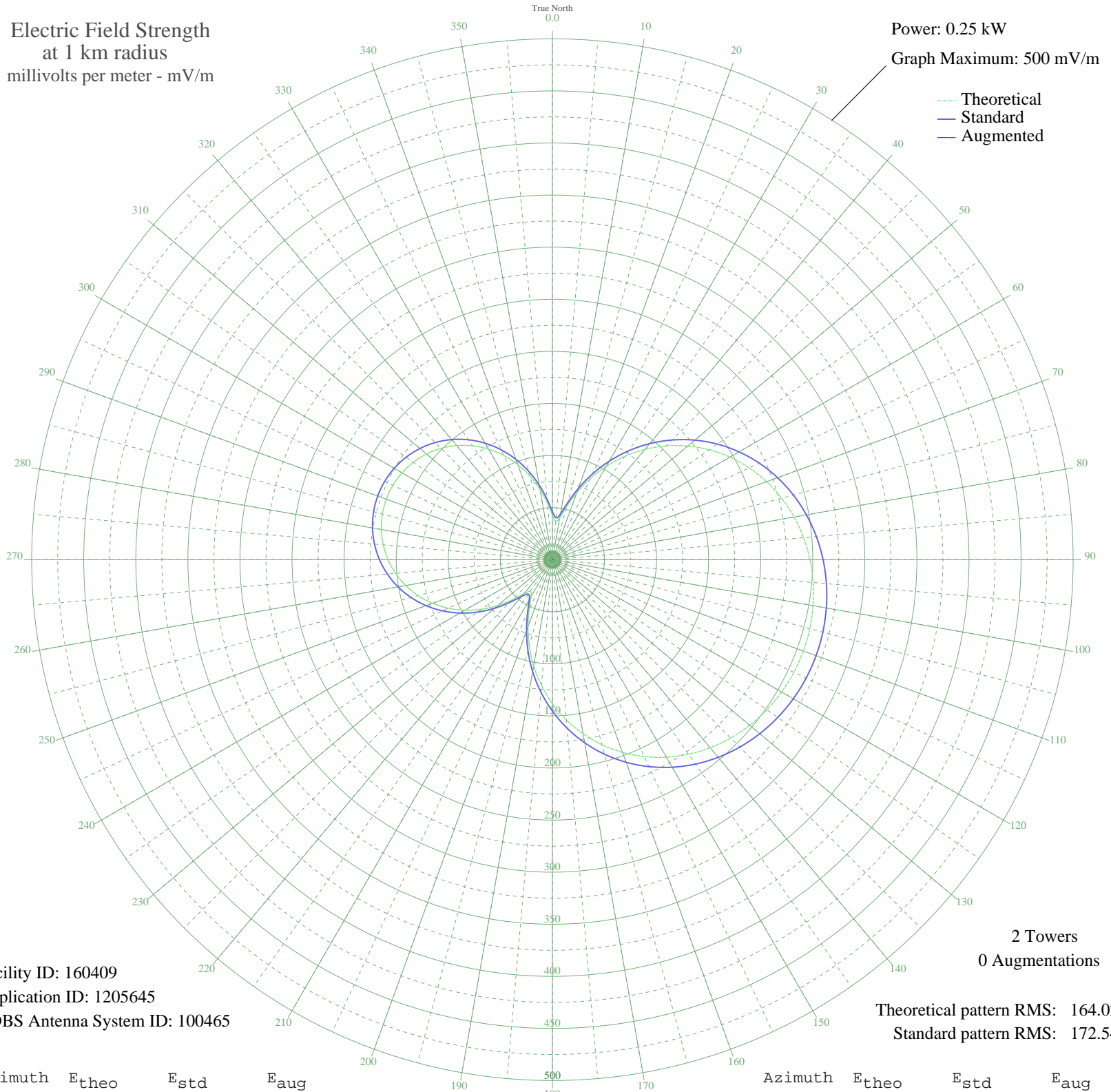


NEW HEFLIN, AL BNP-20070921ACD 1370 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 160409
Application ID: 1205645
CDBS Antenna System ID: 100465

2 Towers
0 Augmentations

Theoretical pattern RMS: 164.02
Standard pattern RMS: 172.54

Azimuth	E _{theo}	E _{std}	E _{aug}
0	42.70	46.05	
5	37.09	40.33	
10	41.02	44.33	
15	52.76	56.38	
20	68.41	72.59	
25	85.66	90.56	
30	103.40	109.08	
35	121.01	127.49	
40	138.09	145.38	
45	154.39	162.45	
50	169.70	178.50	
55	183.89	193.37	
60	196.85	206.96	
65	208.53	219.21	
70	218.89	230.08	
75	227.93	239.56	
80	235.67	247.67	
85	242.12	254.45	
90	247.34	259.91	
95	251.34	264.12	
100	254.17	267.09	
105	255.86	268.86	
110	256.42	269.45	
115	255.86	268.86	
120	254.17	267.09	
125	251.34	264.12	
130	247.34	259.91	
135	242.12	254.45	
140	235.67	247.67	
145	227.93	239.56	
150	218.89	230.08	
155	208.53	219.21	
160	196.85	206.96	
165	183.89	193.37	
170	169.70	178.50	
175	154.39	162.45	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	138.09	145.38	
185	121.01	127.49	
190	103.40	109.08	
195	85.66	90.56	
200	68.41	72.59	
205	52.76	56.38	
210	41.02	44.33	
215	37.09	40.33	
220	42.70	46.05	
225	54.38	58.05	
230	68.41	72.59	
235	82.92	87.69	
240	97.04	102.43	
245	110.32	116.31	
250	122.50	129.05	
255	133.42	140.48	
260	142.98	150.49	
265	151.12	159.02	
270	157.80	166.02	
275	163.01	171.48	
280	166.73	175.38	
285	168.96	177.72	
290	169.70	178.50	
295	168.96	177.72	
300	166.73	175.38	
305	163.01	171.48	
310	157.80	166.02	
315	151.12	159.02	
320	142.98	150.49	
325	133.42	140.48	
330	122.50	129.05	
335	110.32	116.31	
340	97.04	102.43	
345	82.92	87.69	
350	68.41	72.59	
355	54.38	58.05	

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.

18 May 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission