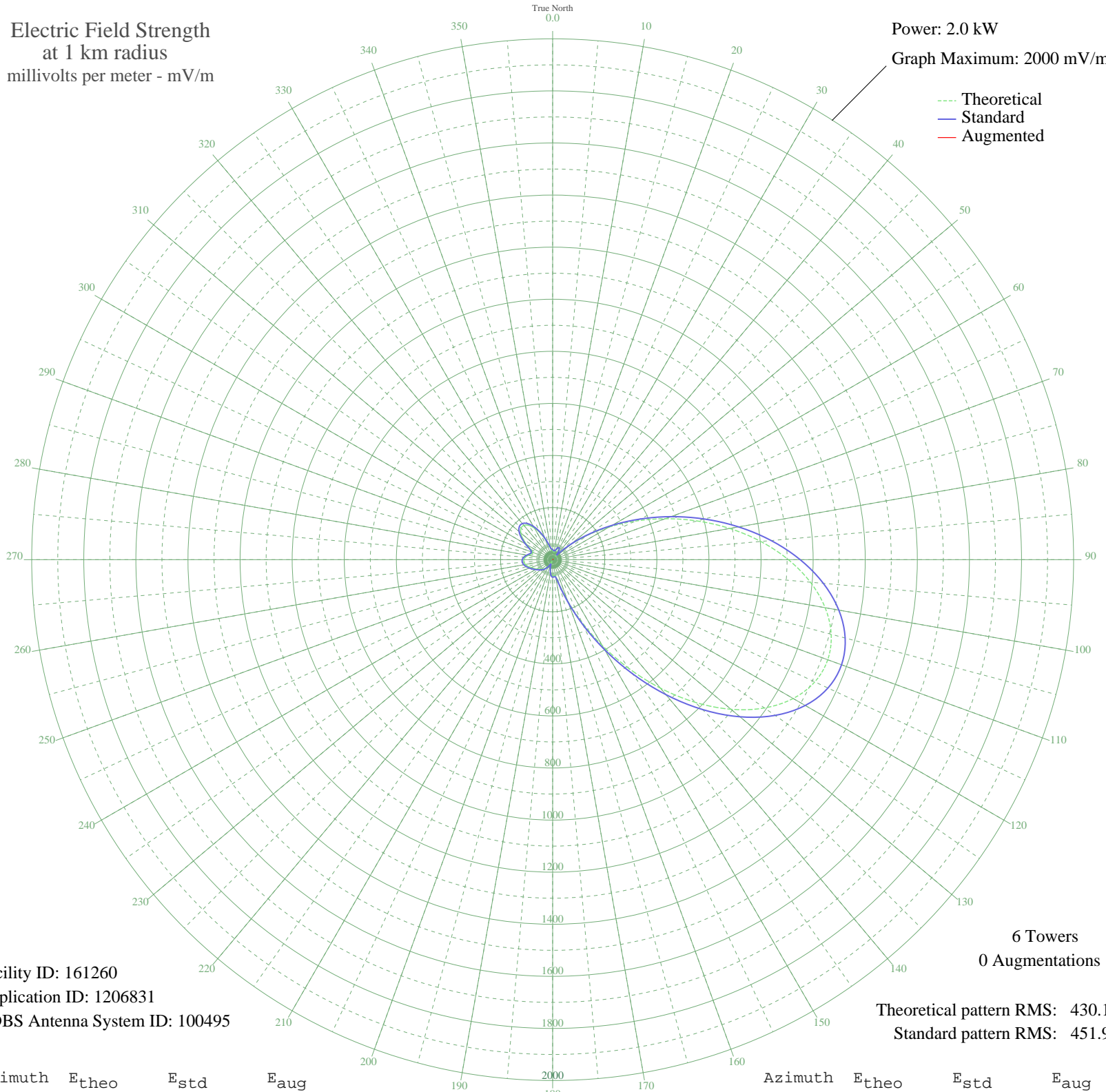


# NEW GAINESVILLE, FL BNP-20070925AHM 1180 kHz

Nighttime

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

Power: 2.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 161260  
Application ID: 1206831  
CDBS Antenna System ID: 100495

6 Towers  
0 Augmentations

Theoretical pattern RMS: 430.18  
Standard pattern RMS: 451.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	34.09	38.75	
5	31.08	35.85	
10	28.71	33.61	
15	31.85	36.59	
20	39.78	44.33	
25	46.54	51.08	
30	46.69	51.22	
35	36.56	41.16	
40	17.71	23.80	
45	36.10	40.71	
50	90.81	96.50	
55	163.15	171.95	
60	250.48	263.42	
65	350.32	368.14	
70	459.51	482.72	
75	574.22	603.12	
80	690.01	724.66	
85	801.97	842.20	
90	904.86	950.22	
95	993.36	1043.14	
100	1062.31	1115.53	
105	1107.07	1162.52	
110	1123.92	1180.21	
115	1110.51	1166.13	
120	1066.29	1119.70	
125	992.79	1042.54	
130	893.76	938.56	
135	775.04	813.92	
140	644.14	676.51	
145	509.56	535.25	
150	380.01	399.29	
155	263.58	277.16	
160	167.42	176.42	
165	98.46	104.45	
170	64.60	69.44	
175	60.95	65.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	62.85	67.64	
185	57.98	62.67	
190	45.91	50.44	
195	29.51	34.36	
200	12.58	19.87	
205	9.35	17.80	
210	22.19	27.63	
215	33.56	38.24	
220	42.56	47.09	
225	49.87	54.43	
230	56.49	61.14	
235	63.32	68.12	
240	70.99	76.01	
245	79.71	85.00	
250	89.13	94.76	
255	98.37	104.35	
260	106.04	112.33	
265	110.51	116.99	
270	110.33	116.80	
275	104.79	111.02	
280	94.81	100.65	
285	84.35	89.80	
290	81.20	86.55	
295	92.03	97.77	
300	113.99	120.61	
305	138.84	146.53	
310	159.51	168.15	
315	171.33	180.51	
320	171.83	181.03	
325	160.71	169.40	
330	139.72	147.45	
335	112.32	118.87	
340	83.26	88.68	
345	58.07	62.75	
350	42.04	46.57	
355	36.12	40.73	

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