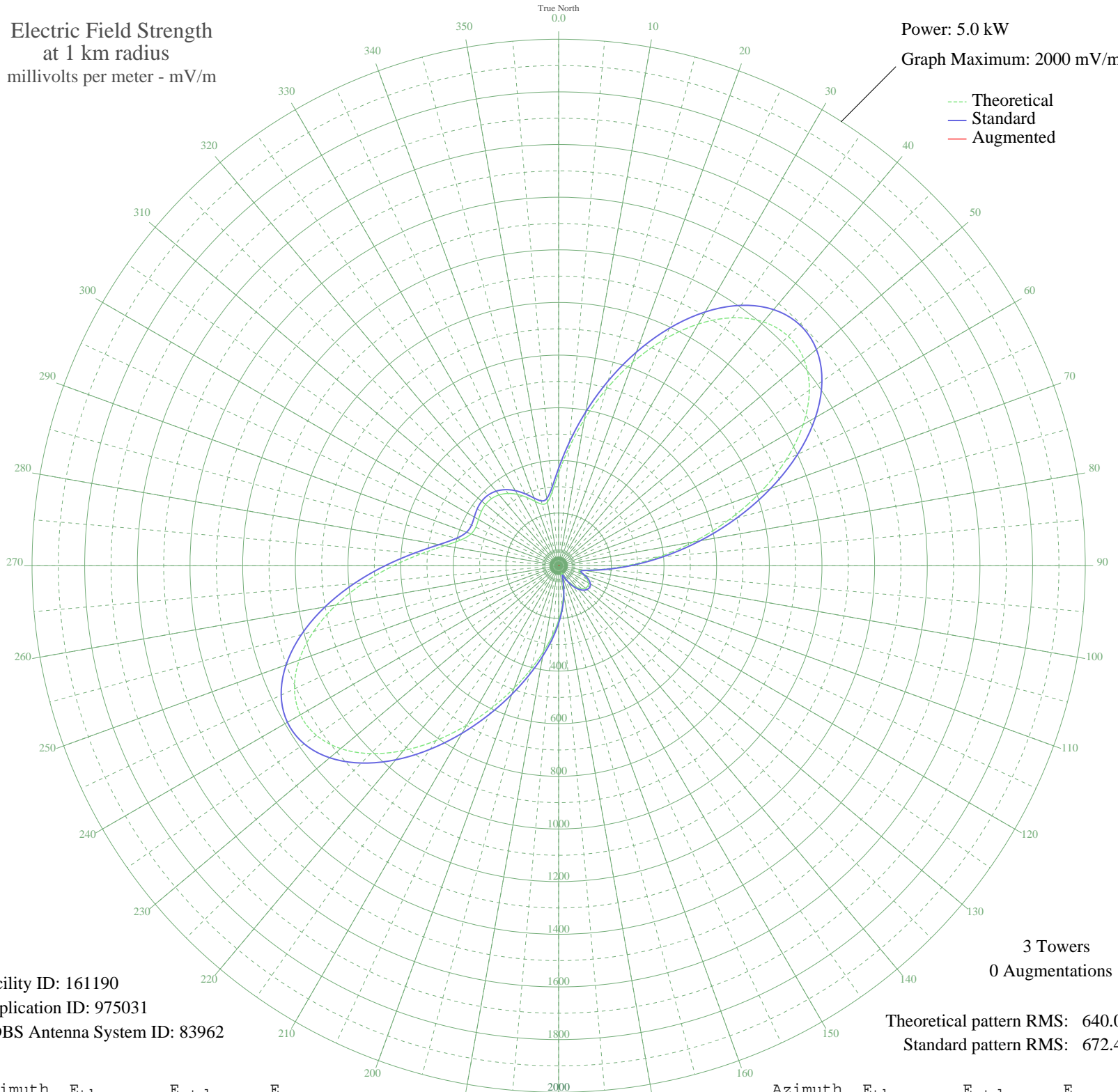


# NEW SOUTHCHASE, FL BNP-20040130APP 1540 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 161190  
Application ID: 975031  
CDBS Antenna System ID: 83962

3 Towers  
0 Augmentations

Theoretical pattern RMS: 640.00  
Standard pattern RMS: 672.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	352.08	370.43	
5	449.01	472.05	
10	564.73	593.43	
15	691.68	726.65	
20	822.17	863.59	
25	947.87	995.55	
30	1059.99	1113.24	
35	1149.76	1207.48	
40	1209.34	1270.03	
45	1232.83	1294.68	
50	1217.07	1278.14	
55	1162.30	1220.64	
60	1072.18	1126.03	
65	953.42	1001.37	
70	814.97	856.04	
75	666.86	700.60	
80	519.08	545.54	
85	380.58	400.30	
90	258.84	272.80	
95	160.58	170.23	
100	95.67	103.17	
105	79.71	86.93	
110	97.56	105.09	
115	117.70	125.79	
120	130.43	138.95	
125	134.94	143.62	
130	132.12	140.70	
135	122.92	131.18	
140	107.94	115.74	
145	87.63	94.96	
150	62.77	69.96	
155	36.74	45.16	
160	30.85	40.01	
165	61.86	69.06	
170	104.93	112.65	
175	153.39	162.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	206.49	218.08	
185	265.12	279.36	
190	331.21	348.56	
195	407.07	428.07	
200	494.35	519.60	
205	592.90	622.99	
210	700.02	735.39	
215	810.32	851.16	
220	916.29	962.39	
225	1009.25	1059.97	
230	1080.63	1134.91	
235	1123.29	1179.69	
240	1132.59	1189.45	
245	1107.10	1162.69	
250	1048.88	1101.57	
255	963.20	1011.63	
260	857.88	901.08	
265	742.47	779.95	
270	627.35	659.14	
275	523.00	549.65	
280	439.03	461.58	
285	382.32	402.13	
290	353.81	372.24	
295	346.99	365.09	
300	351.56	369.88	
305	358.60	377.26	
310	362.50	381.34	
315	360.43	379.18	
320	351.33	369.64	
325	335.18	352.72	
330	312.82	329.30	
335	286.26	301.49	
340	259.81	273.81	
345	241.89	255.07	
350	245.52	258.87	
355	281.97	297.00	

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