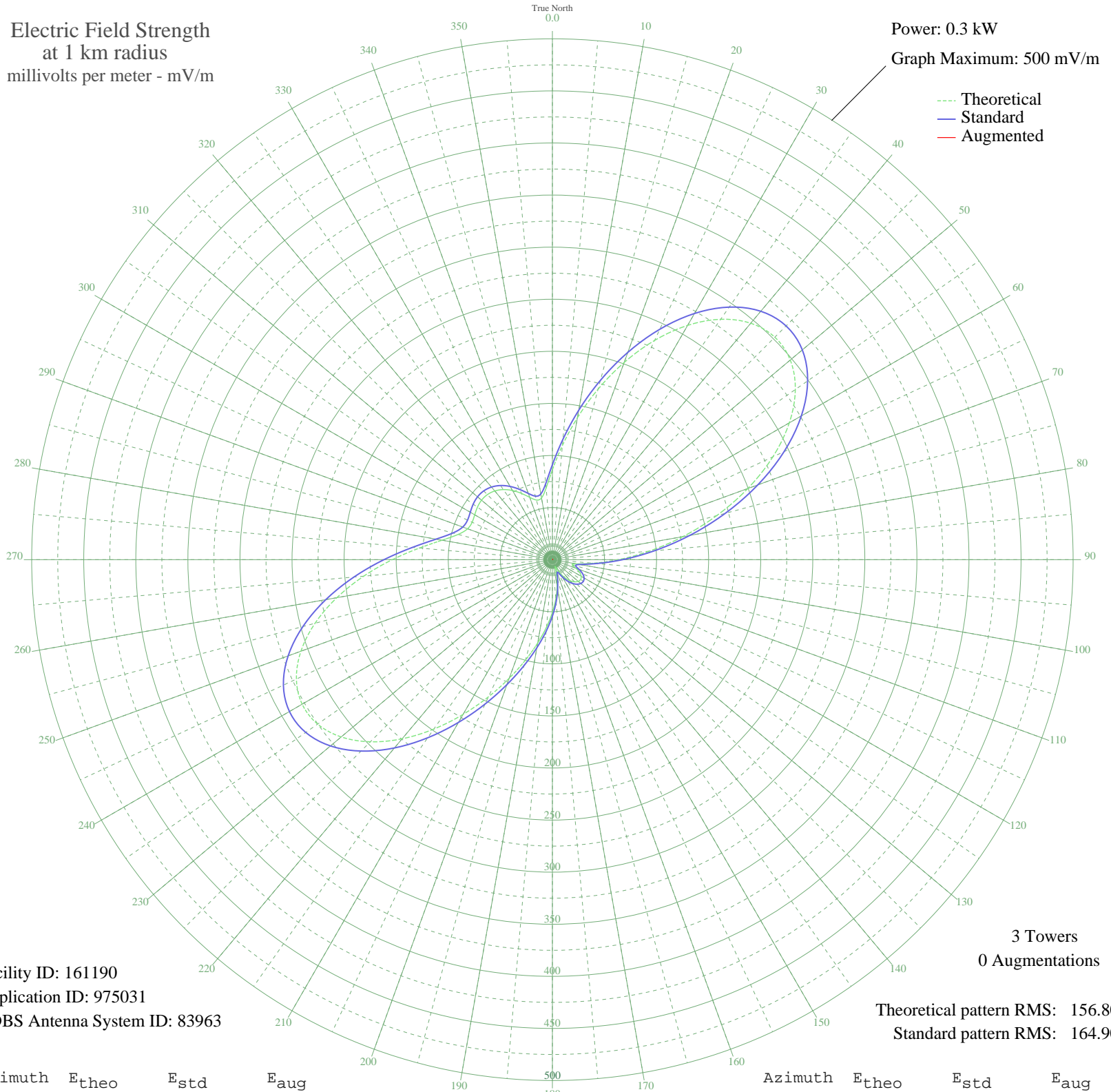


NEW SOUTHCHASE, FL BNP-20040130APP 1540 kHz

Nighttime

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

Power: 0.3 kW
Graph Maximum: 500 mV/m



Facility ID: 161190
Application ID: 975031
CDBS Antenna System ID: 83963

3 Towers
0 Augmentations

Theoretical pattern RMS: 156.80
Standard pattern RMS: 164.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	86.26	91.18	
5	110.01	115.98	
10	138.36	145.66	
15	169.46	178.25	
20	201.43	211.76	
25	232.23	244.07	
30	259.70	272.89	
35	281.69	295.96	
40	296.29	311.28	
45	302.04	317.32	
50	298.18	313.27	
55	284.76	299.19	
60	262.68	276.02	
65	233.59	245.49	
70	199.67	209.91	
75	163.38	171.87	
80	127.17	133.95	
85	93.24	98.47	
90	63.42	67.41	
95	39.34	42.62	
100	23.44	26.76	
105	19.53	23.04	
110	23.90	27.20	
115	28.84	32.05	
120	31.95	35.16	
125	33.06	36.27	
130	32.37	35.57	
135	30.12	33.32	
140	26.45	29.69	
145	21.47	24.87	
150	15.38	19.26	
155	9.00	14.13	
160	7.56	13.16	
165	15.16	19.06	
170	25.71	28.96	
175	37.58	40.83	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	50.59	54.15	
185	64.95	69.00	
190	81.15	85.85	
195	99.73	105.24	
200	121.12	127.60	
205	145.26	152.88	
210	171.50	180.38	
215	198.53	208.72	
220	224.49	235.95	
225	247.27	259.84	
230	264.76	278.19	
235	275.21	289.16	
240	277.48	291.55	
245	271.24	284.99	
250	256.98	270.03	
255	235.98	248.00	
260	210.18	220.94	
265	181.91	191.29	
270	153.70	161.73	
275	128.13	134.95	
280	107.56	113.43	
285	93.67	98.91	
290	86.68	91.62	
295	85.01	89.88	
300	86.13	91.05	
305	87.86	92.85	
310	88.81	93.84	
315	88.31	93.31	
320	86.08	90.99	
325	82.12	86.86	
330	76.64	81.15	
335	70.13	74.39	
340	63.65	67.66	
345	59.26	63.11	
350	60.15	64.03	
355	69.08	73.29	

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