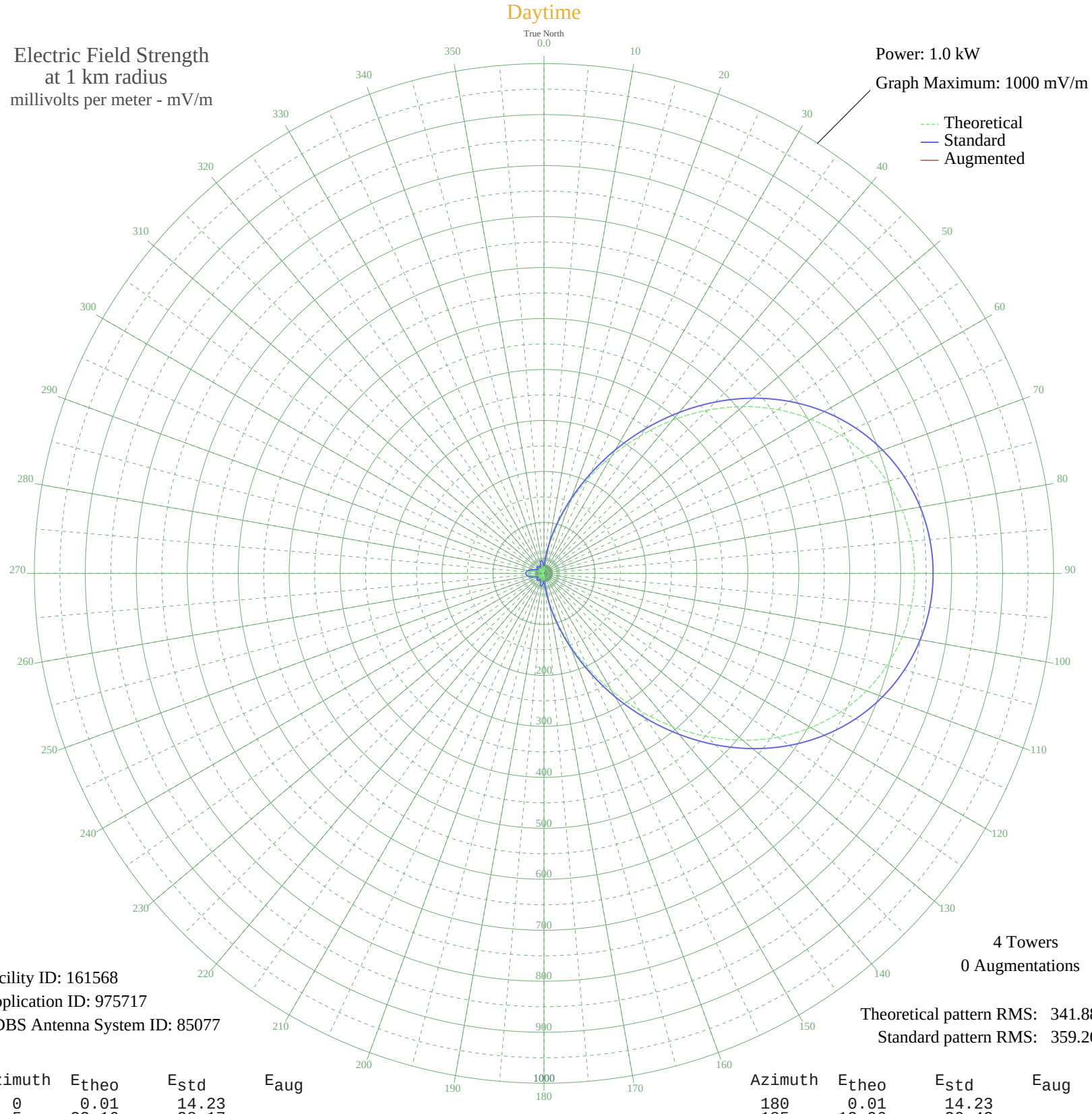
NEW MELBOURNE, FL BNP-20040130BRX 1120 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 161568
Application ID: 975717
CDBS Antenna System ID: 85077

Theoretical pattern RMS: 341.88
Standard pattern RMS: 359.26

Azimuth	E_{theo}	E_{std}	E_{aug}
0	0.01	14.23	
5	23.16	28.17	
10	55.91	60.41	
15	97.94	103.82	
20	148.16	156.22	
25	204.88	215.59	
30	265.97	279.63	
35	329.11	345.86	
40	392.01	411.85	
45	452.56	475.40	
50	509.01	534.65	
55	560.05	588.22	
60	604.74	635.14	
65	642.59	674.87	
70	673.36	707.17	
75	697.07	732.06	
80	713.83	749.66	
85	723.81	760.13	
90	727.12	763.61	
95	723.81	760.13	
100	713.83	749.66	
105	697.07	732.06	
110	673.36	707.17	
115	642.59	674.87	
120	604.74	635.14	
125	560.05	588.22	
130	509.01	534.65	
135	452.56	475.40	
140	392.01	411.85	
145	329.11	345.86	
150	265.97	279.63	
155	204.88	215.59	
160	148.16	156.22	
165	97.94	103.82	
170	55.92	60.41	
175	23.16	28.17	

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.

13 Mar 2007

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	0.01	14.23	
185	13.96	20.43	
190	19.87	25.26	
195	19.40	24.85	
200	14.54	20.87	
205	7.36	16.19	
210	0.23	14.24	
215	6.67	15.86	
220	10.85	18.23	
225	12.19	19.14	
230	10.61	18.07	
235	6.43	15.76	
240	0.31	14.24	
245	6.95	16.00	
250	14.44	20.79	
255	21.29	26.50	
260	26.77	31.51	
265	30.30	34.85	
270	31.51	36.02	
275	30.30	34.85	
280	26.77	31.51	
285	21.29	26.50	
290	14.44	20.79	
295	6.95	16.00	
300	0.31	14.24	
305	6.43	15.76	
310	10.61	18.07	
315	12.19	19.14	
320	10.85	18.23	
325	6.67	15.86	
330	0.23	14.24	
335	7.36	16.20	
340	14.54	20.87	
345	19.40	24.85	
350	19.87	25.26	
355	13.96	20.43	