NEW HILLIARD, FL BNP-20040130ADV 830 kHz

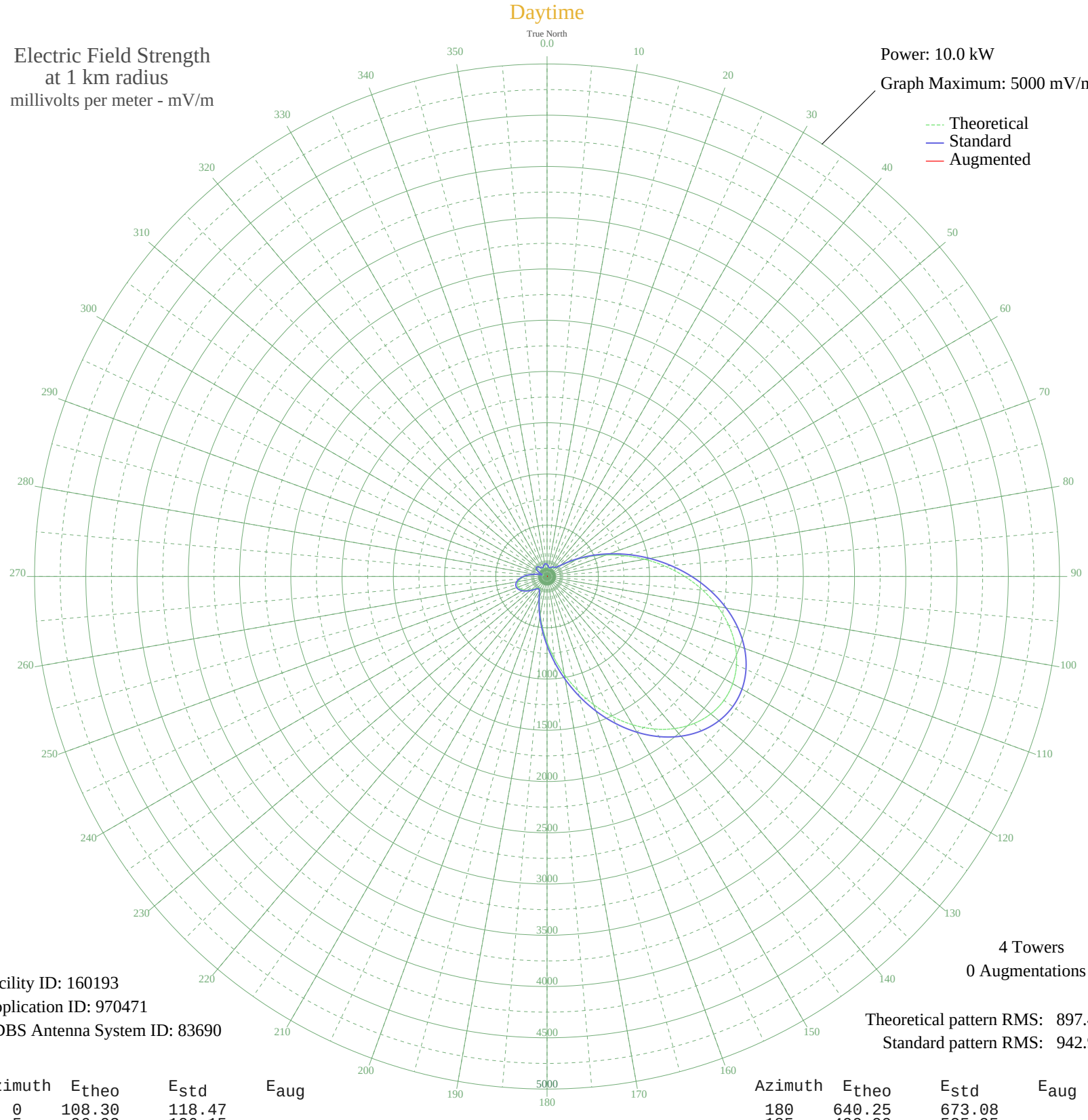
Daytime

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

Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented



4 Towers
0 Augmentations

Facility ID: 160193
Application ID: 970471
CDBS Antenna System ID: 83690

Theoretical pattern RMS: 897.40
Standard pattern RMS: 942.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	108.30	118.47	
5	96.02	106.15	
10	82.99	93.25	
15	75.85	86.29	
20	78.87	89.22	
25	88.66	98.84	
30	98.31	108.43	
35	103.53	113.66	
40	106.04	116.19	
45	117.23	127.50	
50	154.85	165.95	
55	226.86	240.51	
60	330.48	348.59	
65	461.05	485.24	
70	614.08	645.64	
75	784.73	824.63	
80	967.49	1016.41	
85	1156.20	1214.46	
90	1344.14	1411.73	
95	1524.36	1600.92	
100	1690.03	1774.84	
105	1834.70	1926.72	
110	1952.73	2050.63	
115	2039.46	2141.69	
120	2091.53	2196.36	
125	2106.97	2212.57	
130	2085.32	2189.83	
135	2027.63	2129.27	
140	1936.46	2033.55	
145	1815.68	1906.76	
150	1670.37	1754.20	
155	1506.47	1582.14	
160	1330.58	1397.51	
165	1149.54	1207.47	
170	970.07	1019.12	
175	798.47	839.05	

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.

15 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	640.25	673.08	
185	499.90	525.95	
190	380.71	401.12	
195	284.67	300.74	
200	212.58	225.66	
205	164.21	175.59	
210	138.58	149.25	
215	133.64	144.20	
220	145.62	156.46	
225	169.54	181.08	
230	200.27	212.89	
235	232.92	246.81	
240	262.91	278.05	
245	286.08	302.22	
250	298.99	315.70	
255	299.18	315.89	
260	285.37	301.48	
265	257.69	272.60	
270	217.65	230.94	
275	168.19	179.69	
280	113.60	123.81	
285	60.70	71.87	
290	33.44	48.33	
295	61.17	72.30	
300	93.99	104.12	
305	116.25	126.50	
310	125.64	136.04	
315	122.95	133.30	
320	111.30	121.49	
325	96.22	106.35	
330	85.50	95.72	
335	85.66	95.87	
340	95.26	105.39	
345	106.99	117.14	
350	114.66	124.88	
355	115.21	125.45	