NEW PALM SPRINGS, FL BNP-20040130BCI 1500 kHz

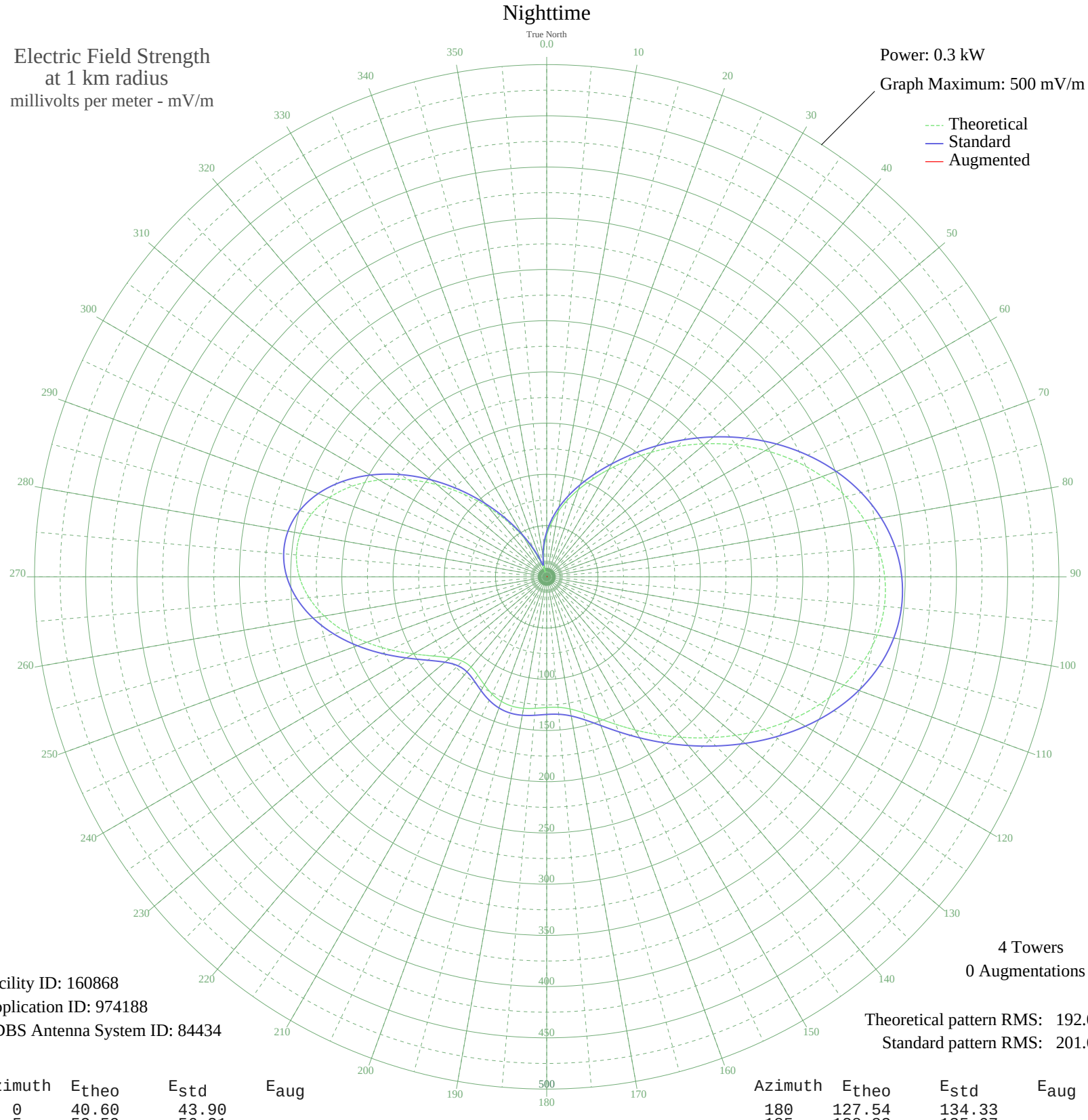
Nighttime

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

Power: 0.3 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented



4 Towers
0 Augmentations

Facility ID: 160868
Application ID: 974188
CDBS Antenna System ID: 84434

Theoretical pattern RMS: 192.02
Standard pattern RMS: 201.62

Azimuth	E_{theo}	E_{std}	E_{aug}
0	40.60	43.90	
5	52.59	56.21	
10	64.77	68.82	
15	77.31	81.85	
20	90.55	95.66	
25	104.96	110.71	
30	120.98	127.47	
35	138.87	146.19	
40	158.61	166.87	
45	179.86	189.15	
50	202.10	212.46	
55	224.62	236.08	
60	246.66	259.20	
65	267.46	281.03	
70	286.30	300.80	
75	302.51	317.81	
80	315.49	331.43	
85	324.77	341.17	
90	329.98	346.64	
95	330.91	347.61	
100	327.51	344.05	
105	319.97	336.13	
110	308.69	324.29	
115	294.28	309.17	
120	277.54	291.60	
125	259.36	272.53	
130	240.65	252.90	
135	222.17	233.51	
140	204.47	214.95	
145	187.86	197.53	
150	172.54	181.47	
155	158.72	166.98	
160	146.78	154.48	
165	137.34	144.58	
170	130.97	137.91	
175	127.87	134.67	

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.

03 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	127.54	134.33	
185	128.83	135.67	
190	130.30	137.21	
195	130.73	137.66	
200	129.38	136.25	
205	126.17	132.89	
210	121.72	128.24	
215	117.36	123.67	
220	114.95	121.15	
225	116.44	122.72	
230	123.08	129.66	
235	134.81	141.93	
240	150.47	158.35	
245	168.44	177.17	
250	187.03	196.66	
255	204.78	215.28	
260	220.44	231.70	
265	232.95	244.82	
270	241.46	253.75	
275	245.31	257.79	
280	244.08	256.50	
285	237.57	249.67	
290	225.90	237.43	
295	209.46	220.18	
300	188.95	198.67	
305	165.35	173.94	
310	139.87	147.23	
315	113.80	119.95	
320	88.43	93.44	
325	64.87	68.92	
330	43.90	47.28	
335	25.85	29.10	
340	10.82	15.47	
345	5.92	12.20	
350	16.95	20.67	
355	28.74	31.95	