

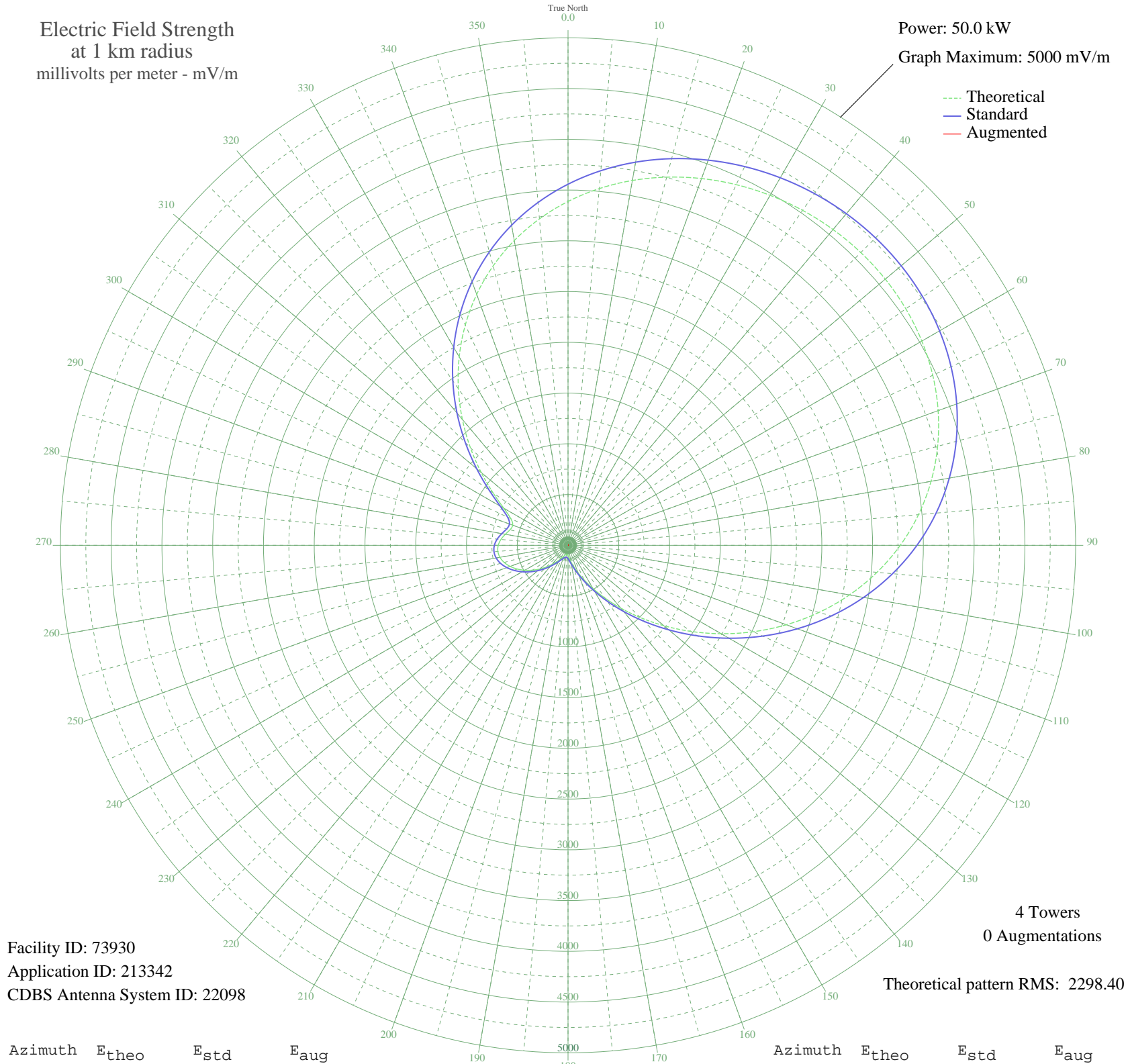
# WWNN POMPANO BEACH, FL BL-19950901AB 1470 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 73930  
Application ID: 213342  
CDBS Antenna System ID: 22098

4 Towers  
0 Augmentations

Theoretical pattern RMS: 2298.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3387.59	3557.75	
5	3527.73	3704.86	
10	3649.90	3833.11	
15	3755.36	3943.83	
20	3845.27	4038.22	
25	3920.53	4117.22	
30	3981.65	4181.39	
35	4028.73	4230.82	
40	4061.40	4265.11	
45	4078.77	4283.35	
50	4079.55	4284.17	
55	4062.05	4265.80	
60	4024.30	4226.17	
65	3964.21	4163.08	
70	3879.73	4074.39	
75	3769.12	3958.28	
80	3631.19	3813.47	
85	3465.53	3639.56	
90	3272.79	3437.24	
95	3054.86	3208.47	
100	2814.95	2956.63	
105	2557.60	2686.51	
110	2288.52	2404.09	
115	2014.32	2116.34	
120	1742.14	1830.75	
125	1479.12	1554.85	
130	1231.93	1295.65	
135	1006.24	1059.16	
140	806.33	849.89	
145	634.69	670.55	
150	491.95	521.86	
155	376.87	402.62	
160	286.62	309.98	
165	217.43	240.07	
170	165.44	188.91	
175	127.69	153.26	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	102.67	130.90	
185	89.89	120.09	
190	88.24	118.73	
195	95.48	124.76	
200	109.92	137.23	
205	131.53	156.80	
210	161.30	184.92	
215	199.94	222.68	
220	247.29	270.06	
225	302.26	325.94	
230	362.99	388.30	
235	427.01	454.47	
240	491.35	521.23	
245	552.63	584.99	
250	607.15	641.82	
255	651.13	687.71	
260	680.92	718.81	
265	693.53	731.98	
270	687.34	725.51	
275	663.29	700.40	
280	626.92	662.44	
285	591.42	625.42	
290	580.23	613.75	
295	621.60	656.89	
300	730.80	770.92	
305	901.34	949.31	
310	1116.48	1174.65	
315	1360.05	1429.98	
320	1618.97	1701.54	
325	1882.88	1978.42	
330	2143.51	2251.91	
335	2394.45	2515.27	
340	2630.94	2763.49	
345	2849.78	2993.19	
350	3049.14	3202.46	
355	3228.34	3390.57	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission