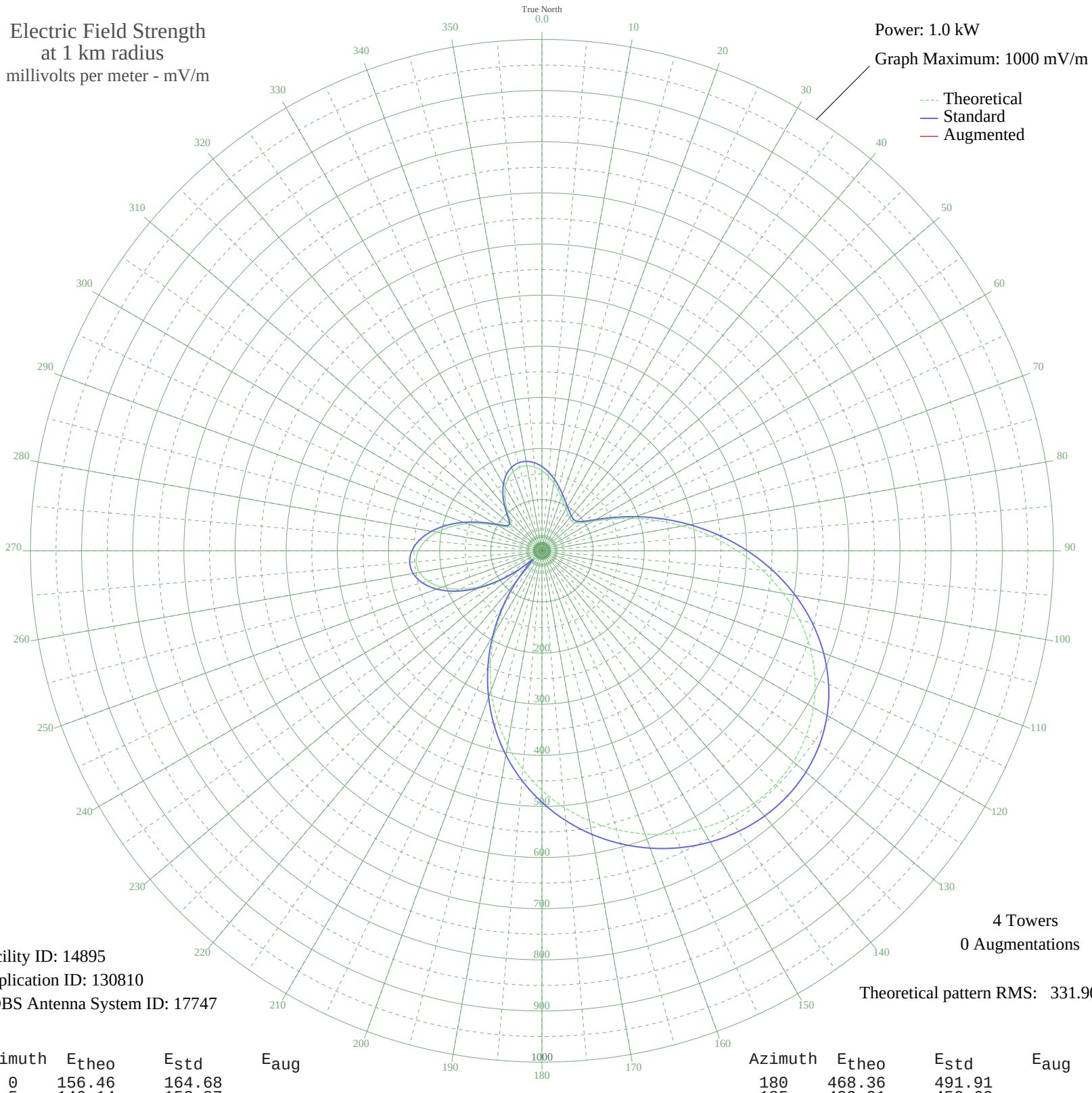
WADB ASBURY PARK, NJ BL-19890713AC 1310 kHz

Nighttime

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: 14895
Application ID: 130810
CDBS Antenna System ID: 17747

Theoretical pattern RMS: 331.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	156.46	164.68	
5	146.14	153.87	
10	134.41	141.59	
15	122.45	129.08	
20	111.34	117.47	
25	101.86	107.56	
30	94.28	99.66	
35	88.44	93.56	
40	84.18	89.13	
45	82.24	87.10	
50	84.85	89.82	
55	95.31	100.72	
60	115.85	122.18	
65	146.36	154.10	
70	185.19	194.79	
75	230.27	242.06	
80	279.51	293.70	
85	330.85	347.58	
90	382.36	401.64	
95	432.27	454.03	
100	479.02	503.10	
105	521.30	547.48	
110	558.13	586.15	
115	588.82	618.36	
120	612.97	643.72	
125	630.48	662.10	
130	641.43	673.60	
135	646.09	678.49	
140	644.84	677.17	
145	638.10	670.10	
150	626.33	657.75	
155	609.94	640.54	
160	589.29	618.86	
165	564.65	593.00	
170	536.22	563.15	
175	504.10	529.43	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	468.36	491.91	
185	429.01	450.60	
190	386.09	405.55	
195	339.70	356.87	
200	290.07	304.78	
205	237.58	249.72	
210	182.86	192.34	
215	126.86	133.70	
220	71.25	75.68	
225	24.08	27.75	
230	47.17	50.83	
235	94.98	100.38	
240	139.40	146.82	
245	177.64	186.87	
250	208.25	218.96	
255	230.28	242.07	
260	243.20	255.62	
265	246.92	259.52	
270	241.79	254.14	
275	228.60	240.31	
280	208.54	219.27	
285	183.17	192.67	
290	154.47	162.60	
295	125.03	131.78	
300	98.57	104.13	
305	80.83	85.64	
310	77.88	82.57	
315	89.04	94.19	
320	107.11	113.04	
325	126.16	132.96	
330	143.05	150.63	
335	156.23	164.44	
340	165.00	173.62	
345	169.12	177.95	
350	168.75	177.56	
355	164.30	172.90	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission