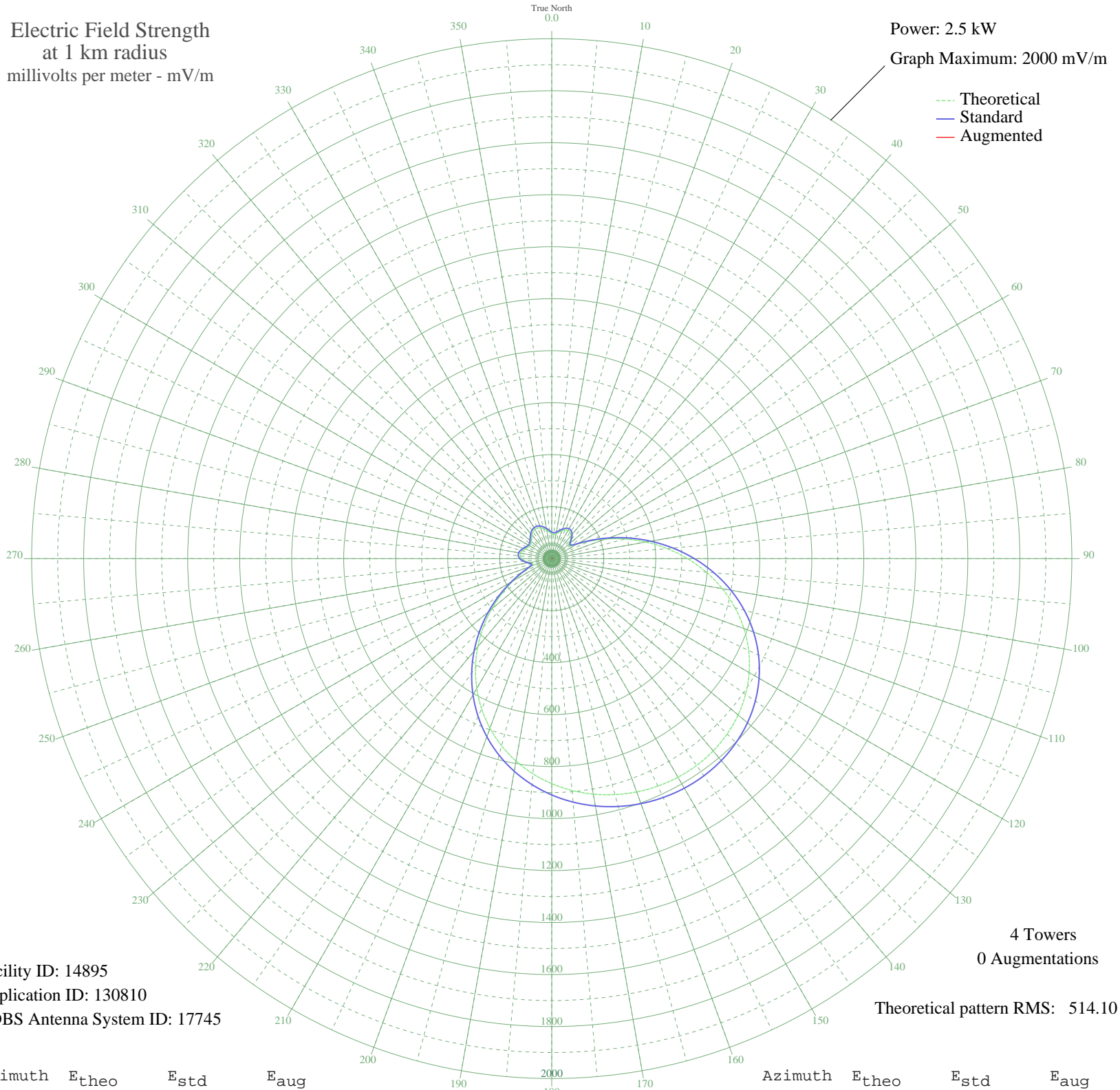


WBUD ASBURY PARK, NJ BL-19890713AC 1310 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 14895
Application ID: 130810
CDBS Antenna System ID: 17745

4 Towers
0 Augmentations

Theoretical pattern RMS: 514.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	95.84	101.99	
5	93.83	99.91	
10	97.31	103.51	
15	105.00	111.50	
20	114.16	121.02	
25	121.82	128.99	
30	125.48	132.80	
35	123.37	130.60	
40	114.73	121.60	
45	100.61	106.93	
50	86.21	92.03	
55	84.84	90.62	
60	109.99	116.68	
65	158.25	166.99	
70	220.70	232.33	
75	291.67	306.71	
80	367.45	386.18	
85	445.12	467.67	
90	522.16	548.52	
95	596.41	626.45	
100	666.07	699.57	
105	729.73	766.40	
110	786.39	825.87	
115	835.42	877.35	
120	876.56	920.54	
125	909.84	955.47	
130	935.49	982.40	
135	953.93	1001.76	
140	965.66	1014.07	
145	971.18	1019.88	
150	971.00	1019.68	
155	965.53	1013.94	
160	955.08	1002.97	
165	939.85	986.98	
170	919.91	966.05	
175	895.21	940.11	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	865.59	909.03	
185	830.87	872.57	
190	790.82	830.53	
195	745.28	782.72	
200	694.22	729.12	
205	637.79	669.88	
210	576.42	605.47	
215	510.85	536.65	
220	442.18	464.58	
225	371.87	390.82	
230	301.79	317.31	
235	234.19	246.46	
240	171.96	181.32	
245	119.32	126.39	
250	83.80	89.55	
255	74.83	80.31	
260	86.84	92.68	
265	103.39	109.82	
270	115.98	122.90	
275	122.18	129.36	
280	122.11	129.29	
285	117.14	124.11	
290	109.46	116.13	
295	101.88	108.26	
300	97.28	103.48	
305	97.53	103.74	
310	102.52	108.92	
315	110.36	117.06	
320	118.65	125.69	
325	125.40	132.71	
330	129.26	136.74	
335	129.56	137.05	
340	126.21	133.55	
345	119.69	126.77	
350	111.15	117.88	
355	102.39	108.79	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission