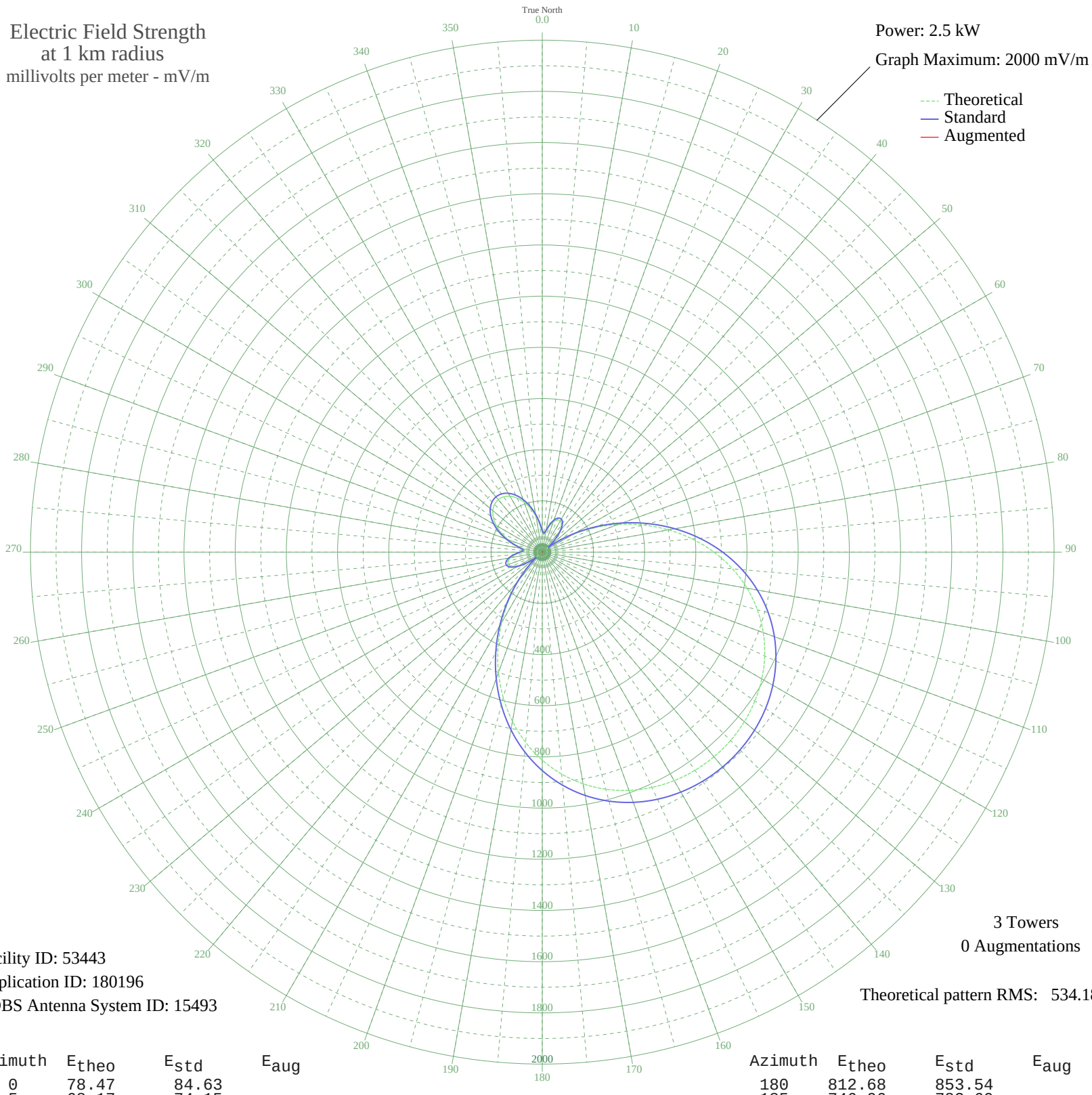
WFJS TRENTON, NJ BL-19921228AA 1260 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 53443
Application ID: 180196
CDBS Antenna System ID: 15493

Theoretical pattern RMS: 534.18

Azimuth	E_{theo}	E_{std}	E_{aug}
0	78.47	84.63	
5	68.17	74.15	
10	81.07	87.30	
15	103.98	110.88	
20	125.13	132.80	
25	138.52	146.73	
30	140.76	149.06	
35	129.74	137.60	
40	104.45	111.37	
45	65.28	71.22	
50	22.38	30.44	
55	64.14	70.07	
60	140.21	148.49	
65	225.59	237.66	
70	316.25	332.62	
75	408.91	429.79	
80	500.59	525.98	
85	588.68	618.42	
90	671.04	704.86	
95	746.06	783.60	
100	812.68	853.54	
105	870.39	914.11	
110	919.08	965.22	
115	958.97	1007.11	
120	990.53	1040.23	
125	1014.28	1065.18	
130	1030.79	1082.50	
135	1040.50	1092.69	
140	1043.70	1096.05	
145	1040.50	1092.69	
150	1030.79	1082.50	
155	1014.29	1065.18	
160	990.53	1040.23	
165	958.97	1007.11	
170	919.08	965.22	
175	870.39	914.12	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	812.68	853.54	
185	746.06	783.60	
190	671.04	704.86	
195	588.68	618.42	
200	500.59	525.98	
205	408.91	429.79	
210	316.25	332.62	
215	225.59	237.66	
220	140.21	148.49	
225	64.14	70.07	
230	22.38	30.44	
235	65.27	71.22	
240	104.45	111.37	
245	129.74	137.60	
250	140.76	149.06	
255	138.52	146.73	
260	125.13	132.80	
265	103.98	110.88	
270	81.07	87.29	
275	68.17	74.15	
280	78.46	84.63	
285	106.99	114.00	
290	141.78	150.12	
295	176.31	186.13	
300	207.34	218.57	
305	232.98	245.39	
310	252.02	265.33	
315	263.73	277.59	
320	267.67	281.72	
325	263.73	277.59	
330	252.02	265.33	
335	232.98	245.39	
340	207.34	218.57	
345	176.31	186.13	
350	141.78	150.12	
355	106.99	114.00	

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