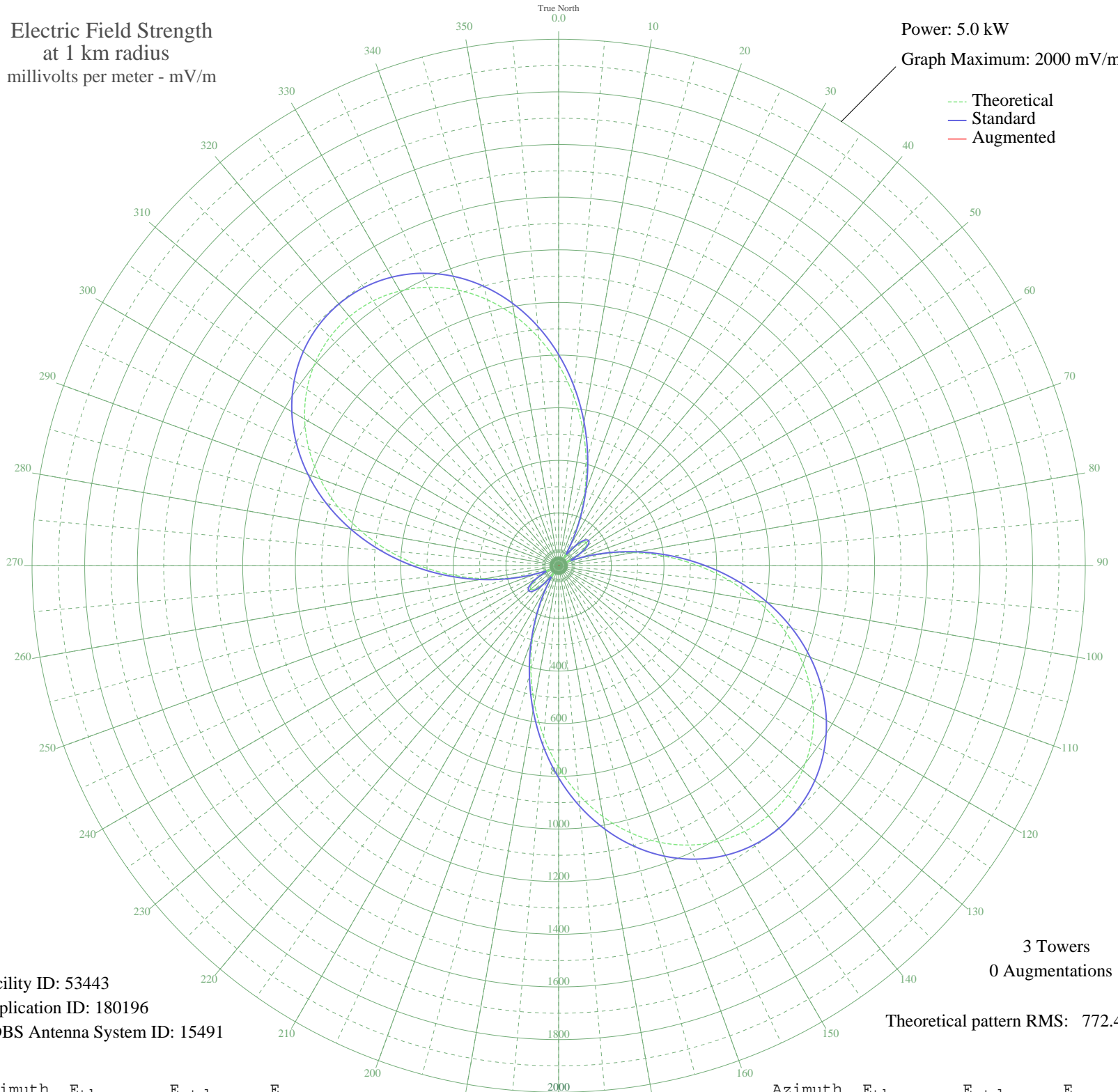


# WFJS TRENTON, NJ BL-19921228AA 1260 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 53443  
Application ID: 180196  
CDBS Antenna System ID: 15491

3 Towers  
0 Augmentations

Theoretical pattern RMS: 772.49

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	762.98	801.88	
5	648.00	681.29	
10	527.31	554.77	
15	404.76	426.42	
20	284.90	301.16	
25	173.04	184.99	
30	77.01	88.01	
35	40.09	54.59	
40	88.19	98.90	
45	125.13	135.91	
50	137.74	148.74	
55	124.39	135.16	
60	86.63	97.37	
65	37.75	52.72	
70	77.88	88.85	
75	175.02	187.03	
80	287.45	303.81	
85	407.70	429.49	
90	530.54	558.15	
95	651.43	684.89	
100	766.55	805.63	
105	872.78	917.08	
110	967.74	1016.72	
115	1049.74	1102.77	
120	1117.67	1174.06	
125	1170.86	1229.89	
130	1208.98	1269.90	
135	1231.88	1293.94	
140	1239.51	1301.95	
145	1231.88	1293.94	
150	1208.98	1269.90	
155	1170.86	1229.89	
160	1117.67	1174.06	
165	1049.74	1102.77	
170	967.74	1016.72	
175	872.78	917.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	766.55	805.63	
185	651.44	684.89	
190	530.54	558.15	
195	407.70	429.49	
200	287.45	303.81	
205	175.02	187.03	
210	77.88	88.85	
215	37.75	52.72	
220	86.63	97.37	
225	124.39	135.16	
230	137.74	148.74	
235	125.13	135.91	
240	88.19	98.90	
245	40.09	54.59	
250	77.01	88.01	
255	173.04	184.99	
260	284.90	301.16	
265	404.76	426.41	
270	527.31	554.76	
275	648.00	681.29	
280	762.98	801.88	
285	869.12	913.24	
290	964.03	1012.83	
295	1046.01	1098.86	
300	1113.94	1170.15	
305	1167.14	1225.99	
310	1205.27	1266.01	
315	1228.18	1290.06	
320	1235.82	1298.08	
325	1228.18	1290.06	
330	1205.27	1266.01	
335	1167.14	1225.99	
340	1113.94	1170.15	
345	1046.01	1098.86	
350	964.03	1012.83	
355	869.12	913.23	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission