

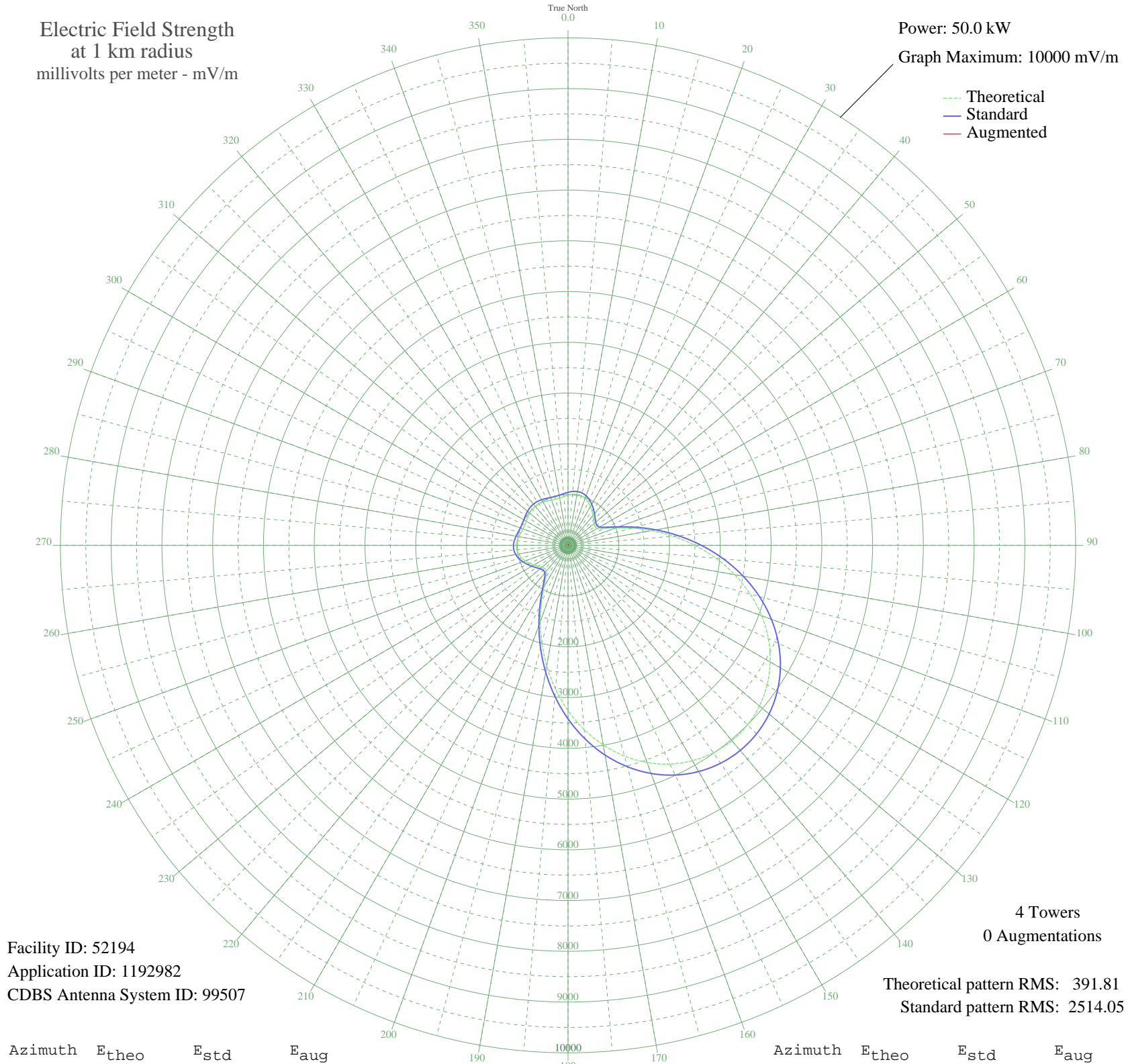
WNTP PHILADELPHIA, PA BL-20070626ASI 990 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 52194  
Application ID: 1192982  
CDBS Antenna System ID: 99507

4 Towers  
0 Augmentations

Theoretical pattern RMS: 391.81  
Standard pattern RMS: 2514.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	988.47	1044.28	
5	1009.07	1065.78	
10	1018.51	1075.64	
15	1010.72	1067.50	
20	983.52	1039.12	
25	939.03	992.71	
30	882.95	934.25	
35	822.55	871.34	
40	764.12	810.57	
45	711.62	756.05	
50	669.28	712.15	
55	649.46	691.62	
60	680.05	723.31	
65	794.89	842.56	
70	1007.63	1064.28	
75	1306.49	1376.65	
80	1669.49	1756.75	
85	2073.94	2180.69	
90	2498.66	2626.13	
95	2924.55	3072.95	
100	3335.10	3503.76	
105	3716.75	3904.29	
110	4059.09	4263.60	
115	4354.72	4573.91	
120	4598.87	4830.19	
125	4788.81	5029.57	
130	4923.23	5170.68	
135	5001.70	5253.05	
140	5024.11	5276.58	
145	4990.49	5241.28	
150	4900.82	5147.15	
155	4755.23	4994.33	
160	4554.31	4783.42	
165	4299.59	4516.04	
170	3994.16	4195.45	
175	3643.27	3827.18	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3254.92	3419.61	
185	2840.12	2984.35	
190	2413.04	2536.32	
195	1990.78	2093.49	
200	1592.86	1676.48	
205	1240.84	1307.98	
210	957.57	1012.05	
215	764.08	810.53	
220	668.15	710.97	
225	650.52	692.71	
230	676.54	719.67	
235	721.50	766.30	
240	775.43	822.33	
245	834.64	883.93	
250	894.75	946.54	
255	949.08	1003.19	
260	990.47	1046.37	
265	1013.82	1070.74	
270	1017.85	1074.95	
275	1005.59	1062.15	
280	983.74	1039.34	
285	960.98	1015.60	
290	945.48	999.44	
295	942.17	995.98	
300	951.10	1005.29	
305	967.94	1022.86	
310	986.15	1041.86	
315	999.47	1055.76	
320	1003.65	1060.13	
325	997.44	1053.64	
330	982.72	1038.28	
335	964.24	1019.00	
340	948.49	1002.57	
345	941.78	995.58	
350	947.70	1001.75	
355	965.18	1019.98	