

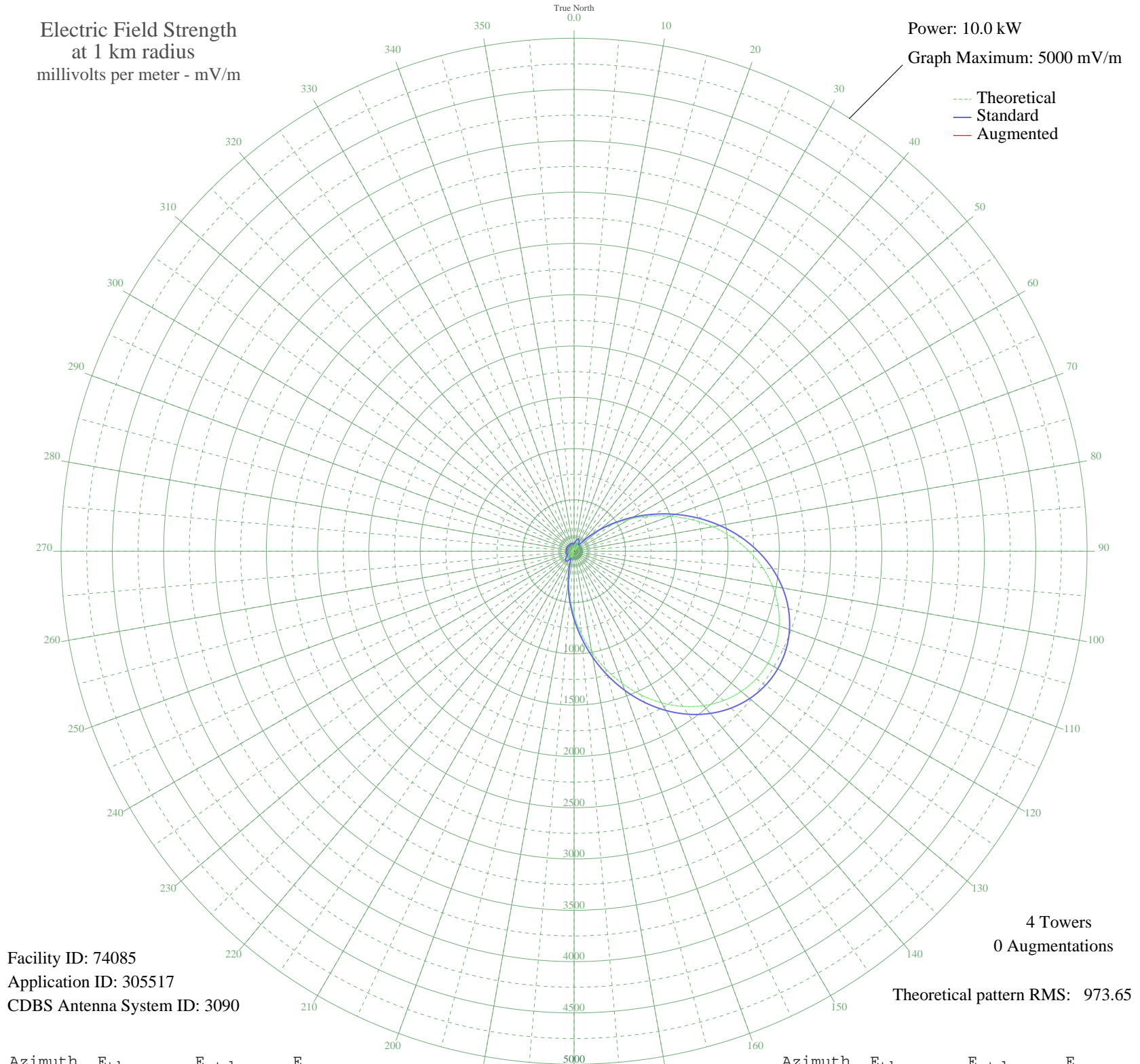
WWDB PHILADELPHIA, PA BL-- 860 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 74085
Application ID: 305517
CDBS Antenna System ID: 3090

4 Towers
0 Augmentations
Theoretical pattern RMS: 973.65

Azimuth	E _{theo}	E _{std}	E _{aug}
0	21.57	74.48	
5	47.34	86.63	
10	71.69	103.44	
15	90.05	118.21	
20	97.44	124.51	
25	88.91	117.26	
30	60.03	94.91	
35	7.38	71.37	
40	71.10	102.99	
45	175.83	197.78	
50	305.52	328.55	
55	457.31	485.39	
60	626.93	662.09	
65	809.14	852.56	
70	998.10	1050.41	
75	1187.79	1249.20	
80	1372.39	1442.75	
85	1546.57	1625.45	
90	1705.71	1792.40	
95	1845.96	1939.56	
100	1964.28	2063.72	
105	2058.39	2162.47	
110	2126.65	2234.11	
115	2168.01	2277.51	
120	2181.85	2292.05	
125	2168.01	2277.51	
130	2126.65	2234.11	
135	2058.39	2162.47	
140	1964.28	2063.72	
145	1845.96	1939.56	
150	1705.71	1792.40	
155	1546.58	1625.45	
160	1372.39	1442.76	
165	1187.79	1249.20	
170	998.10	1050.41	
175	809.15	852.56	

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.

17 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	626.93	662.09	
185	457.31	485.39	
190	305.52	328.55	
195	175.83	197.78	
200	71.10	102.99	
205	7.38	71.37	
210	60.03	94.91	
215	88.91	117.26	
220	97.44	124.51	
225	90.05	118.21	
230	71.69	103.44	
235	47.34	86.63	
240	21.58	74.48	
245	1.83	70.98	
250	20.14	74.03	
255	31.75	78.39	
260	36.16	80.47	
265	33.88	79.37	
270	26.16	76.08	
275	14.77	72.63	
280	1.74	70.97	
285	10.91	71.87	
290	21.39	74.42	
295	28.27	76.91	
300	30.67	77.92	
305	28.27	76.91	
310	21.39	74.42	
315	10.91	71.87	
320	1.74	70.97	
325	14.77	72.63	
330	26.16	76.08	
335	33.88	79.37	
340	36.16	80.47	
345	31.75	78.39	
350	20.14	74.04	
355	1.83	70.98	