

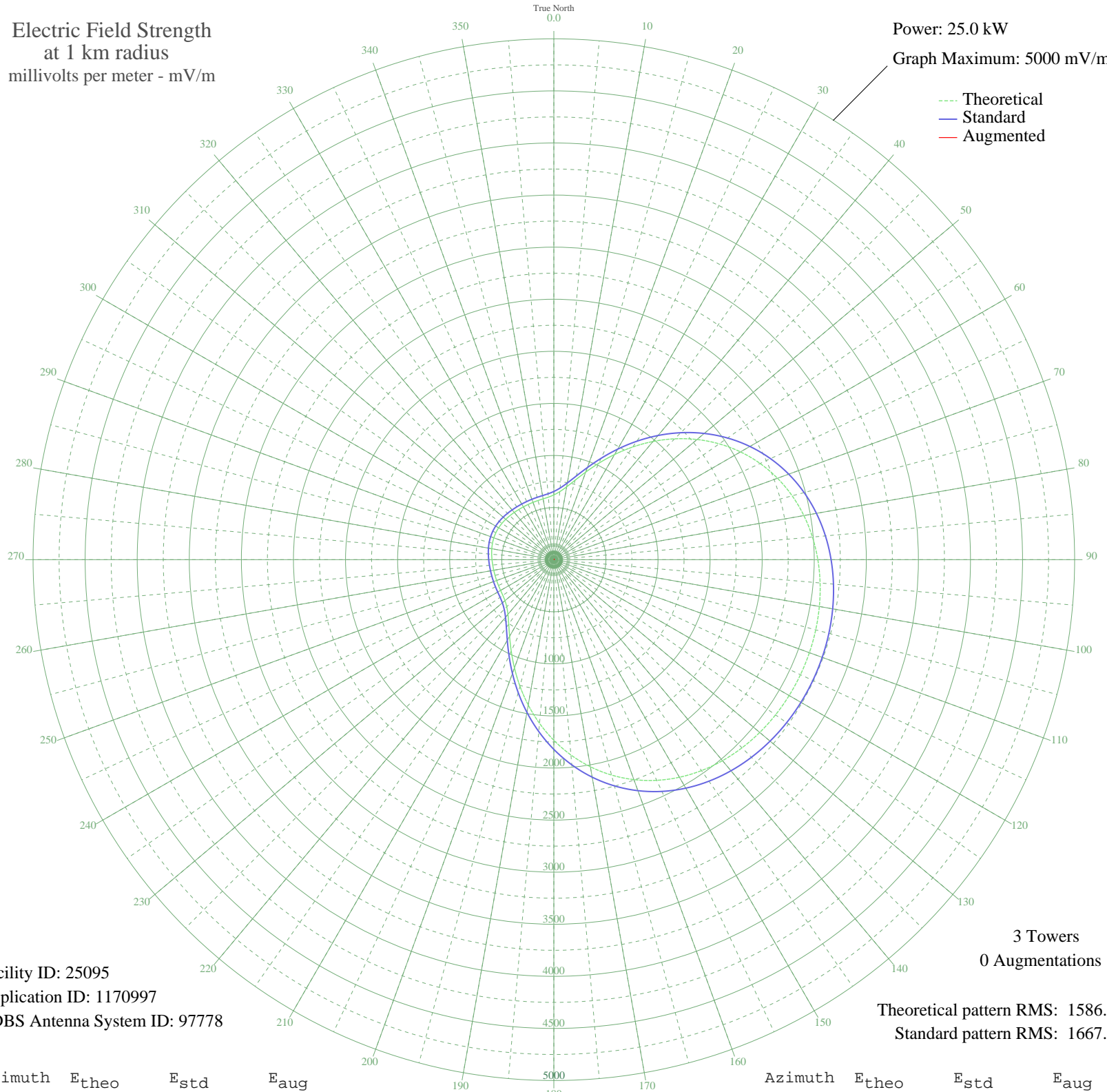
WPEN PHILADELPHIA, PA BL-20070119AIO 950 kHz

Daytime

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 25095
Application ID: 1170997
CDBS Antenna System ID: 97778

3 Towers
0 Augmentations

Theoretical pattern RMS: 1586.86
Standard pattern RMS: 1667.03

Azimuth	E _{theo}	E _{std}	E _{aug}
0	621.52	654.71	
5	655.58	690.36	
10	710.46	747.83	
15	789.93	831.08	
20	894.41	940.60	
25	1021.15	1073.49	
30	1165.18	1224.56	
35	1320.49	1387.51	
40	1480.91	1555.84	
45	1640.61	1723.44	
50	1794.48	1884.94	
55	1938.39	2035.99	
60	2069.25	2173.35	
65	2185.10	2294.95	
70	2284.99	2399.81	
75	2368.92	2487.92	
80	2437.60	2560.02	
85	2492.29	2617.43	
90	2534.55	2661.79	
95	2566.07	2694.88	
100	2588.45	2718.37	
105	2603.06	2733.72	
110	2610.95	2742.00	
115	2612.74	2743.88	
120	2608.55	2739.49	
125	2598.07	2728.48	
130	2580.50	2710.03	
135	2554.64	2682.89	
140	2519.03	2645.50	
145	2471.99	2596.12	
150	2411.88	2533.02	
155	2337.23	2454.65	
160	2246.97	2359.90	
165	2140.64	2248.29	
170	2018.62	2120.21	
175	1882.25	1977.05	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1733.92	1821.37	
185	1577.16	1656.85	
190	1416.52	1488.27	
195	1257.41	1321.32	
200	1105.86	1162.34	
205	968.07	1017.83	
210	849.73	893.76	
215	755.08	794.57	
220	685.71	721.90	
225	639.76	673.80	
230	612.45	645.21	
235	597.74	629.82	
240	590.30	622.03	
245	586.56	618.13	
250	584.78	616.26	
255	584.48	615.94	
260	585.79	617.32	
265	588.88	620.55	
270	593.56	625.44	
275	599.24	631.38	
280	605.00	637.42	
285	609.86	642.50	
290	612.94	645.72	
295	613.68	646.50	
300	611.96	644.70	
305	608.09	640.65	
310	602.75	635.06	
315	596.90	628.94	
320	591.52	623.32	
325	587.43	619.03	
330	585.06	616.55	
335	584.42	615.88	
340	585.31	616.81	
345	587.76	619.38	
350	592.68	624.52	
355	602.49	634.78	