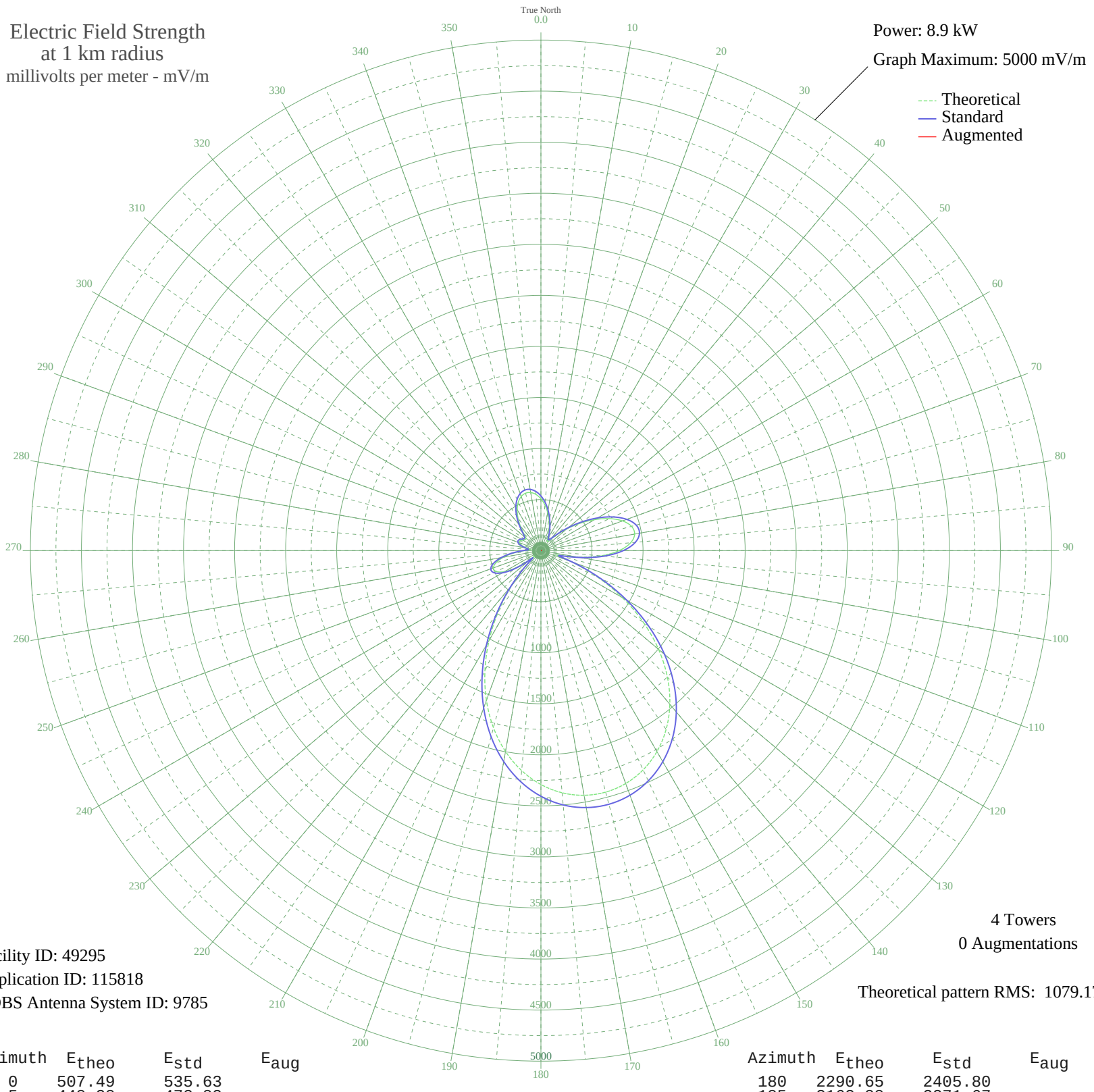
WOBM LAKEWOOD TOWNSHIP, NJ BL-19880725AD 1160 kHz

Nighttime

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



Power: 8.9 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 49295
Application ID: 115818
CDBS Antenna System ID: 9785

Theoretical pattern RMS: 1079.17

Azimuth	E_{theo}	E_{std}	E_{aug}
0	507.49	535.63	
5	448.28	473.82	
10	379.68	402.35	
15	307.89	327.82	
20	239.09	256.86	
25	178.44	195.08	
30	130.66	147.57	
35	108.35	126.09	
40	136.92	153.70	
45	216.39	233.62	
50	329.87	350.60	
55	464.45	490.70	
60	606.77	639.43	
65	741.12	780.07	
70	850.49	894.67	
75	918.60	966.06	
80	932.03	980.14	
85	882.13	927.83	
90	766.30	806.45	
95	589.02	620.85	
100	365.12	387.21	
105	165.93	182.51	
110	308.27	328.22	
115	608.35	641.08	
120	922.05	969.68	
125	1224.75	1287.13	
130	1504.03	1580.16	
135	1752.03	1840.43	
140	1964.06	2062.97	
145	2137.82	2245.37	
150	2272.69	2386.94	
155	2369.01	2488.05	
160	2427.50	2549.45	
165	2448.81	2571.82	
170	2433.23	2555.47	
175	2380.65	2500.27	
180	2290.65	2405.80	
185	2162.88	2271.67	
190	1997.47	2098.04	
195	1795.68	1886.25	
200	1560.56	1639.49	
205	1297.51	1363.47	
210	1014.70	1066.82	
215	723.27	761.38	
220	437.51	462.59	
225	179.37	196.02	
230	113.30	130.80	
235	280.85	299.86	
240	411.29	435.26	
245	483.15	510.21	
250	495.43	523.03	
255	454.40	480.21	
260	372.17	394.54	
265	265.76	284.29	
270	159.11	175.68	
275	101.85	119.96	
280	138.14	154.90	
285	191.83	208.62	
290	222.77	240.14	
295	225.58	243.01	
300	207.21	224.25	
305	186.26	202.98	
310	191.90	208.70	
315	238.90	256.67	
320	312.08	332.16	
325	391.77	414.93	
330	465.06	491.33	
335	524.03	552.91	
340	563.85	594.53	
345	581.95	613.46	
350	577.65	608.96	
355	551.97	582.11	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission