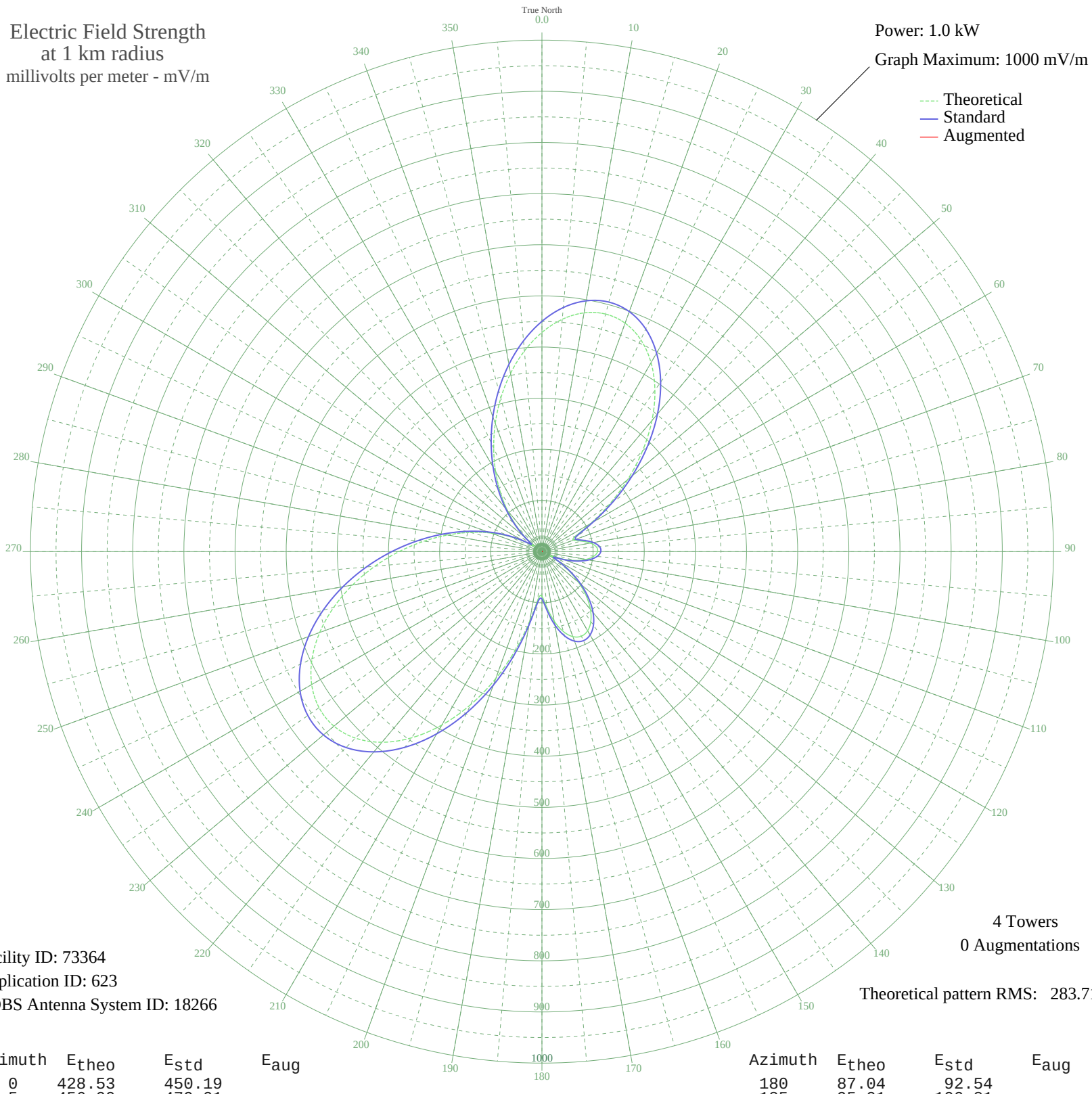
WOBL OBERLIN, OH BL-14303 1320 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 73364
Application ID: 623
CDBS Antenna System ID: 18266

Theoretical pattern RMS: 283.71

Azimuth	E_{theo}	E_{std}	E_{aug}
0	428.53	450.19	
5	456.00	479.01	
10	474.01	497.93	
15	480.87	505.12	
20	475.40	499.38	
25	457.19	480.27	
30	426.65	448.22	
35	385.07	404.59	
40	334.56	351.58	
45	277.92	292.17	
50	218.58	229.96	
55	160.58	169.23	
60	109.22	115.60	
65	73.43	78.46	
70	65.61	70.41	
75	79.59	84.82	
80	96.21	102.06	
85	106.72	113.00	
90	108.73	115.09	
95	102.08	108.16	
100	87.57	93.09	
105	66.62	71.44	
110	41.43	45.85	
115	19.49	25.09	
120	32.09	36.69	
125	62.34	67.05	
130	93.53	99.27	
135	122.51	129.46	
140	147.42	155.47	
145	166.64	175.57	
150	178.71	188.21	
155	182.41	192.08	
160	176.84	186.25	
165	161.73	170.43	
170	137.95	145.58	
175	109.20	115.57	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	87.04	92.54	
185	95.01	100.81	
190	137.85	145.47	
195	198.05	208.46	
200	264.24	277.83	
205	330.20	347.01	
210	391.48	411.31	
215	444.53	466.98	
220	486.58	511.12	
225	515.70	541.68	
230	530.86	557.60	
235	531.98	558.77	
240	519.83	546.02	
245	495.95	520.95	
250	462.39	485.73	
255	421.56	442.87	
260	375.92	394.98	
265	327.83	344.53	
270	279.33	293.66	
275	232.04	244.08	
280	187.08	196.97	
285	145.07	153.01	
290	106.19	112.44	
295	70.39	75.32	
300	38.11	42.57	
305	18.75	24.46	
310	38.45	42.90	
315	70.08	75.00	
320	104.68	110.87	
325	141.78	149.58	
330	181.39	191.02	
335	223.28	234.89	
340	266.78	280.49	
345	310.78	326.64	
350	353.73	371.70	
355	393.70	413.64	