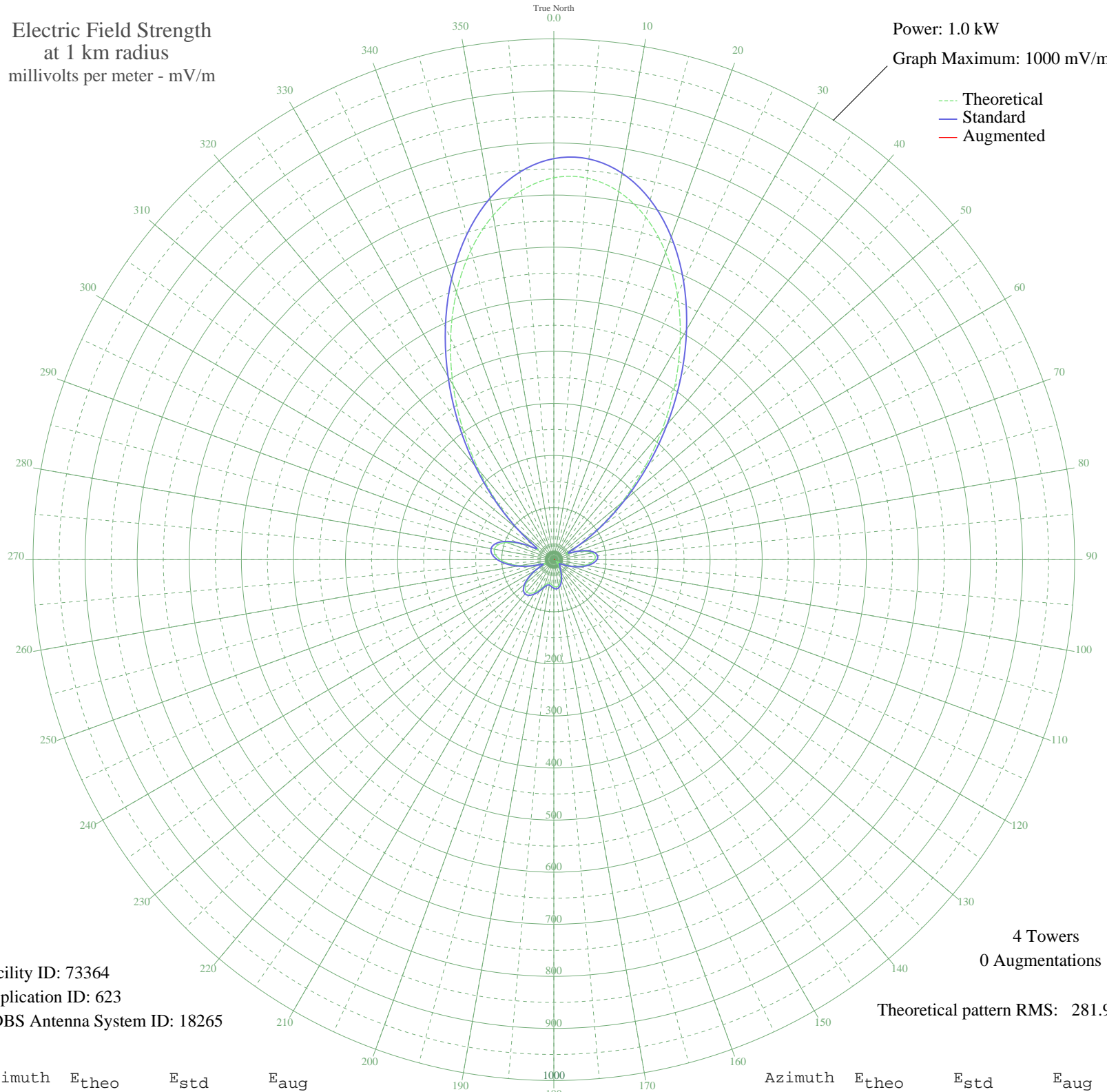


# WOBL OBERLIN, OH BL-14303 1320 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 73364  
Application ID: 623  
CDBS Antenna System ID: 18265

4 Towers  
0 Augmentations

Theoretical pattern RMS: 281.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	733.26	770.01	
5	735.38	772.23	
10	717.58	753.55	
15	680.97	715.11	
20	627.79	659.28	
25	561.24	589.42	
30	485.23	509.62	
35	403.96	424.32	
40	321.63	337.91	
45	242.11	254.48	
50	168.77	177.59	
55	104.47	110.31	
60	52.56	56.40	
65	26.25	29.91	
70	42.09	45.70	
75	61.99	66.12	
80	74.61	79.19	
85	79.62	84.40	
90	78.10	82.82	
95	71.45	75.92	
100	61.16	65.26	
105	48.72	52.46	
110	35.52	39.06	
115	22.86	26.66	
120	12.02	17.15	
125	5.32	12.89	
130	6.97	13.73	
135	10.52	16.03	
140	13.63	18.43	
145	17.68	21.90	
150	23.71	27.47	
155	31.32	34.88	
160	39.27	42.83	
165	46.15	49.83	
170	50.79	54.58	
175	52.48	56.31	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	51.24	55.04	
185	48.20	51.92	
190	45.82	49.49	
195	47.18	50.88	
200	53.47	57.33	
205	62.81	66.96	
210	72.12	76.61	
215	78.79	83.54	
220	81.04	85.88	
225	77.87	82.59	
230	69.04	73.41	
235	55.01	58.92	
240	37.20	40.75	
245	20.21	24.19	
250	23.01	26.80	
255	43.71	47.34	
260	66.24	70.52	
265	86.56	91.63	
270	102.64	108.39	
275	112.88	119.09	
280	115.93	122.28	
285	110.67	116.79	
290	96.36	101.84	
295	73.03	77.56	
300	44.49	48.14	
305	40.18	43.76	
310	85.40	90.42	
315	149.63	157.54	
320	223.66	235.13	
325	303.86	319.26	
330	386.89	406.40	
335	469.09	492.68	
340	546.52	573.97	
345	615.17	646.04	
350	671.23	704.89	
355	711.42	747.08	

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