

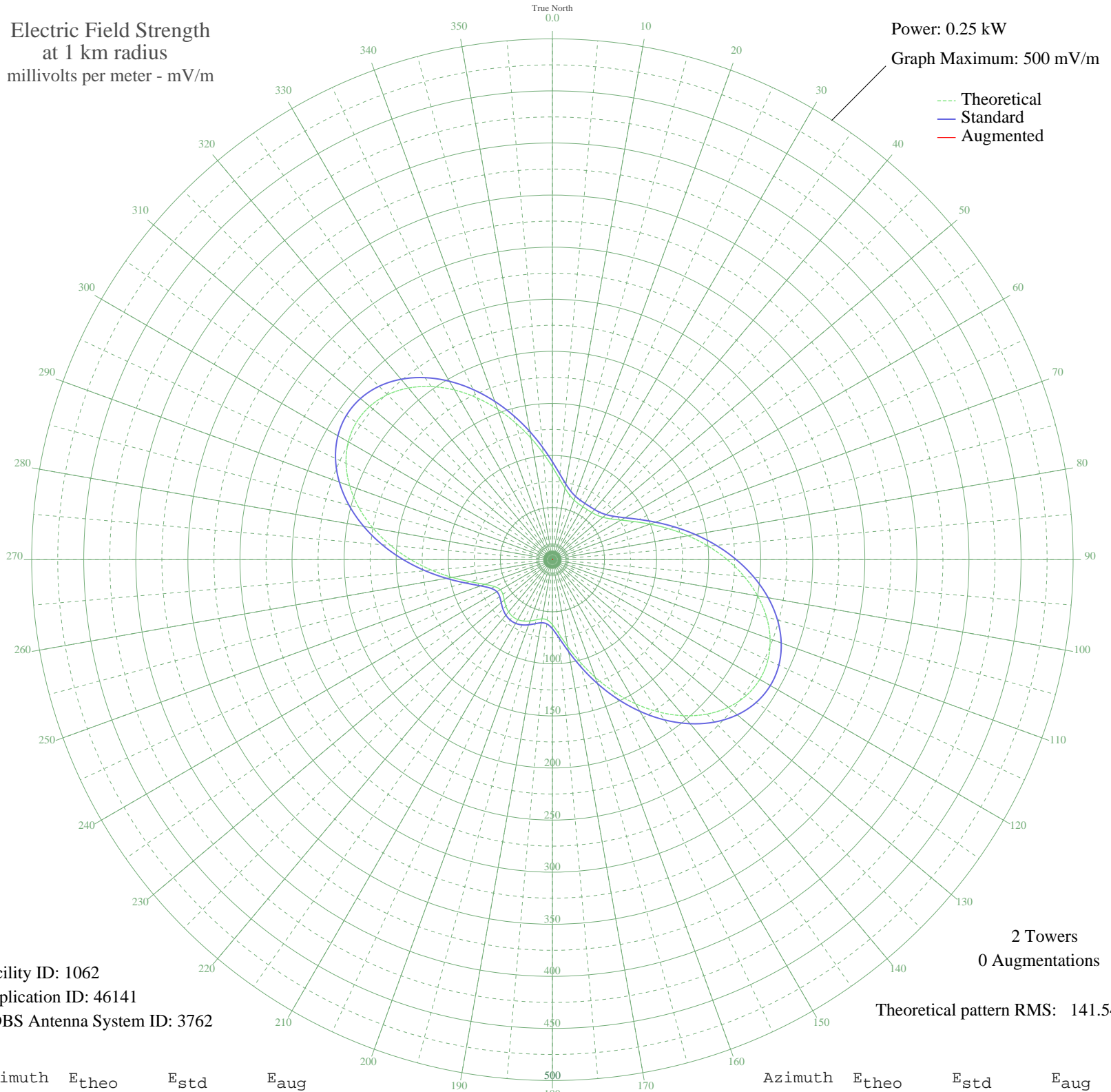
# WCIT LIMA, OH BL-19820811AB 940 kHz

Daytime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 1062  
Application ID: 46141  
CDBS Antenna System ID: 3762

2 Towers  
0 Augmentations

Theoretical pattern RMS: 141.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	88.97	94.00	
5	77.85	82.42	
10	69.59	73.82	
15	64.08	68.10	
20	60.85	64.75	
25	59.22	63.06	
30	58.57	62.39	
35	58.52	62.33	
40	59.03	62.86	
45	60.41	64.30	
50	63.27	67.26	
55	68.28	72.46	
60	75.97	80.46	
65	86.52	91.45	
70	99.76	105.27	
75	115.20	121.42	
80	132.22	139.22	
85	150.04	157.90	
90	167.87	176.58	
95	184.84	194.37	
100	200.12	210.39	
105	212.89	223.78	
110	222.46	233.82	
115	228.27	239.91	
120	229.94	241.67	
125	227.32	238.91	
130	220.47	231.73	
135	209.70	220.43	
140	195.51	205.56	
145	178.60	187.82	
150	159.78	168.09	
155	139.96	147.34	
160	120.15	126.59	
165	101.37	106.95	
170	84.74	89.59	
175	71.41	75.71	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	62.40	66.35	
185	58.09	61.89	
190	57.73	61.52	
195	59.76	63.62	
200	62.57	66.53	
205	65.03	69.08	
210	66.48	70.59	
215	66.62	70.73	
220	65.42	69.48	
225	63.12	67.10	
230	60.30	64.18	
235	58.00	61.80	
240	57.74	61.53	
245	61.17	65.08	
250	69.24	73.45	
255	81.77	86.50	
260	97.83	103.26	
265	116.27	122.54	
270	135.97	143.15	
275	155.86	163.99	
280	174.96	184.01	
285	192.32	202.21	
290	207.11	217.72	
295	218.61	229.79	
300	226.28	237.82	
305	229.76	241.48	
310	228.94	240.62	
315	223.94	235.37	
320	215.08	226.08	
325	202.90	213.30	
330	188.06	197.74	
335	171.36	180.23	
340	153.64	161.66	
345	135.74	142.91	
350	118.50	124.87	
355	102.69	108.33	