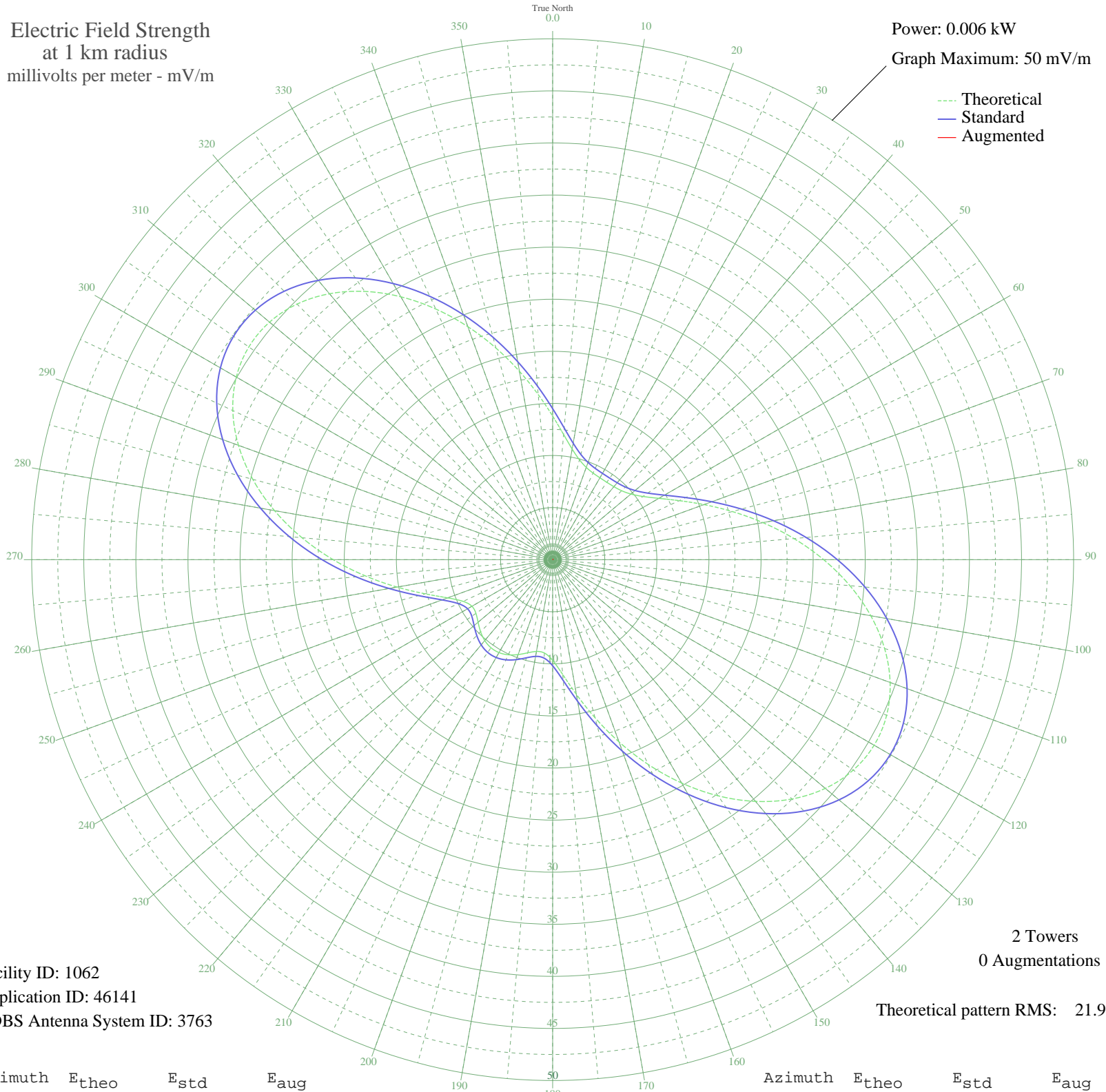


# WCIT LIMA, OH BL-19820811AB 940 kHz

Nighttime

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

Power: 0.006 kW  
Graph Maximum: 50 mV/m



Facility ID: 1062  
Application ID: 46141  
CDBS Antenna System ID: 3763

2 Towers  
0 Augmentations

Theoretical pattern RMS: 21.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	13.78	14.50	
5	12.06	12.69	
10	10.78	11.35	
15	9.93	10.46	
20	9.43	9.93	
25	9.18	9.67	
30	9.07	9.56	
35	9.07	9.55	
40	9.15	9.64	
45	9.36	9.86	
50	9.80	10.33	
55	10.58	11.14	
60	11.77	12.39	
65	13.41	14.10	
70	15.46	16.25	
75	17.85	18.76	
80	20.49	21.52	
85	23.25	24.42	
90	26.01	27.32	
95	28.64	30.08	
100	31.01	32.57	
105	32.99	34.64	
110	34.47	36.20	
115	35.37	37.15	
120	35.63	37.42	
125	35.22	36.99	
130	34.16	35.88	
135	32.49	34.12	
140	30.29	31.82	
145	27.67	29.07	
150	24.76	26.01	
155	21.69	22.78	
160	18.62	19.56	
165	15.71	16.51	
170	13.13	13.81	
175	11.06	11.65	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	9.67	10.18	
185	9.00	9.48	
190	8.95	9.43	
195	9.26	9.76	
200	9.69	10.21	
205	10.08	10.61	
210	10.30	10.85	
215	10.32	10.87	
220	10.14	10.67	
225	9.78	10.30	
230	9.34	9.84	
235	8.99	9.47	
240	8.95	9.43	
245	9.48	9.98	
250	10.73	11.29	
255	12.67	13.33	
260	15.16	15.94	
265	18.02	18.93	
270	21.07	22.14	
275	24.15	25.37	
280	27.11	28.47	
285	29.80	31.30	
290	32.09	33.70	
295	33.87	35.57	
300	35.06	36.82	
305	35.60	37.39	
310	35.47	37.25	
315	34.70	36.44	
320	33.32	35.00	
325	31.44	33.02	
330	29.14	30.61	
335	26.55	27.89	
340	23.80	25.01	
345	21.03	22.10	
350	18.36	19.30	
355	15.91	16.73	

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