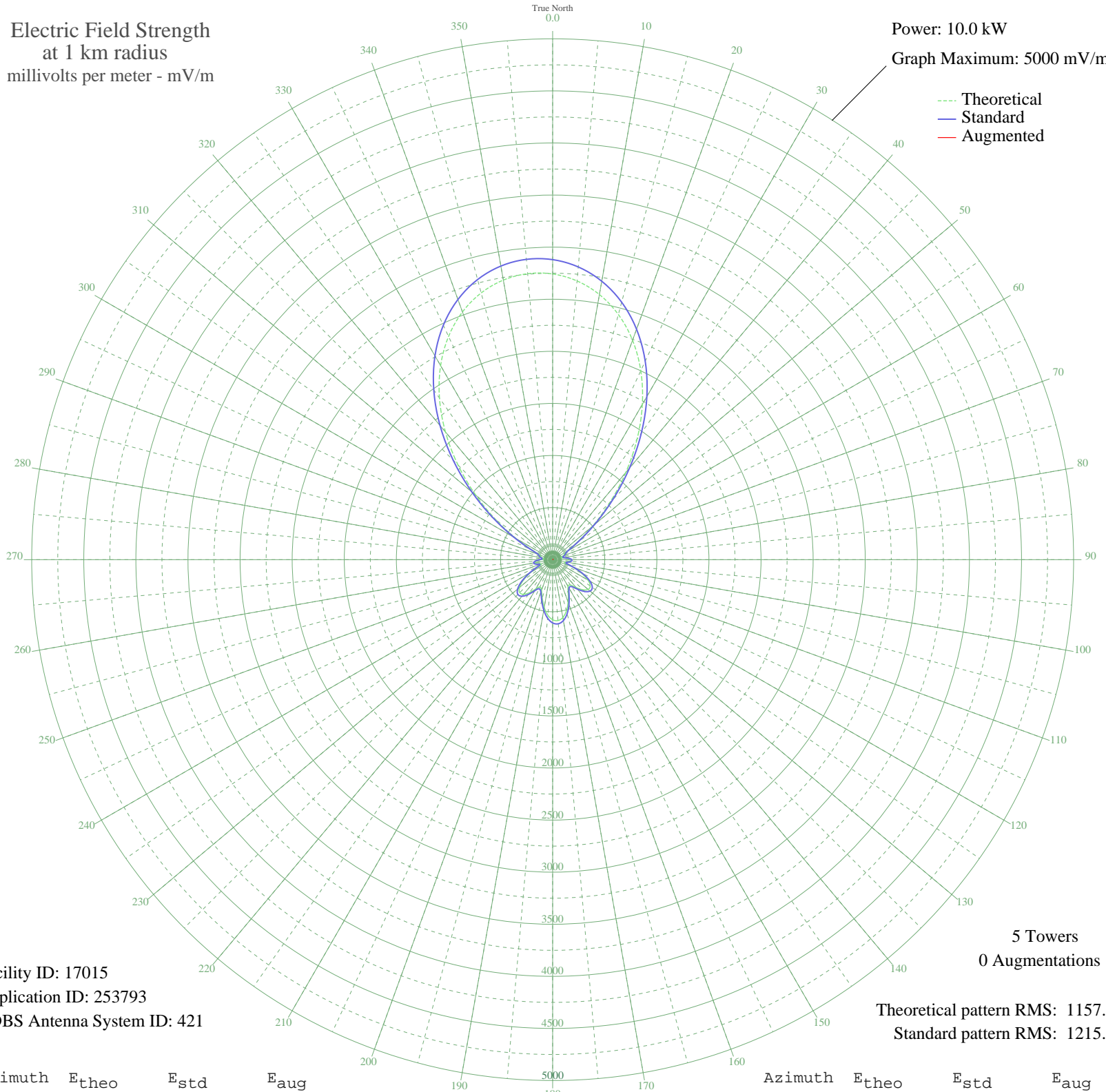


# WWMK CLEVELAND, OH BL-19970923KB 1260 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 17015  
Application ID: 253793  
CDBS Antenna System ID: 421

5 Towers  
0 Augmentations

Theoretical pattern RMS: 1157.00  
Standard pattern RMS: 1215.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2742.70	2880.24	
5	2686.02	2820.73	
10	2584.44	2714.09	
15	2436.50	2558.78	
20	2241.63	2354.20	
25	2001.54	2102.16	
30	1721.78	1808.51	
35	1412.98	1484.41	
40	1091.41	1146.99	
45	778.48	818.82	
50	499.27	526.43	
55	281.10	299.05	
60	154.28	168.99	
65	121.85	136.68	
70	109.08	124.23	
75	85.36	101.73	
80	94.48	110.26	
85	138.82	153.50	
90	169.55	184.41	
95	163.69	178.49	
100	127.59	142.35	
105	121.02	135.87	
110	198.73	214.14	
115	303.13	321.90	
120	390.51	412.85	
125	440.12	464.62	
130	444.48	469.18	
135	408.10	431.20	
140	348.11	368.66	
145	296.92	315.46	
150	295.43	313.91	
155	351.67	372.37	
160	433.06	457.25	
165	509.29	536.91	
170	563.38	593.50	
175	586.88	618.10	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	576.72	607.47	
185	534.20	562.97	
190	465.37	491.00	
195	383.24	405.27	
200	312.43	331.56	
205	288.62	306.84	
210	324.20	343.80	
215	385.50	407.62	
220	434.16	458.40	
225	447.31	472.13	
230	415.58	439.00	
235	341.62	361.92	
240	240.50	257.07	
245	144.40	159.07	
250	115.62	130.59	
255	151.21	165.90	
260	171.98	186.88	
265	154.66	169.37	
270	111.10	126.19	
275	82.26	98.87	
280	99.50	115.02	
285	118.30	133.20	
290	133.14	147.84	
295	217.70	233.59	
300	403.05	425.93	
305	661.27	695.99	
310	963.86	1013.19	
315	1284.79	1349.88	
320	1600.96	1681.70	
325	1893.92	1989.20	
330	2150.80	2258.86	
335	2364.15	2482.83	
340	2530.89	2657.87	
345	2650.86	2783.82	
350	2725.32	2861.99	
355	2755.69	2893.88	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission