

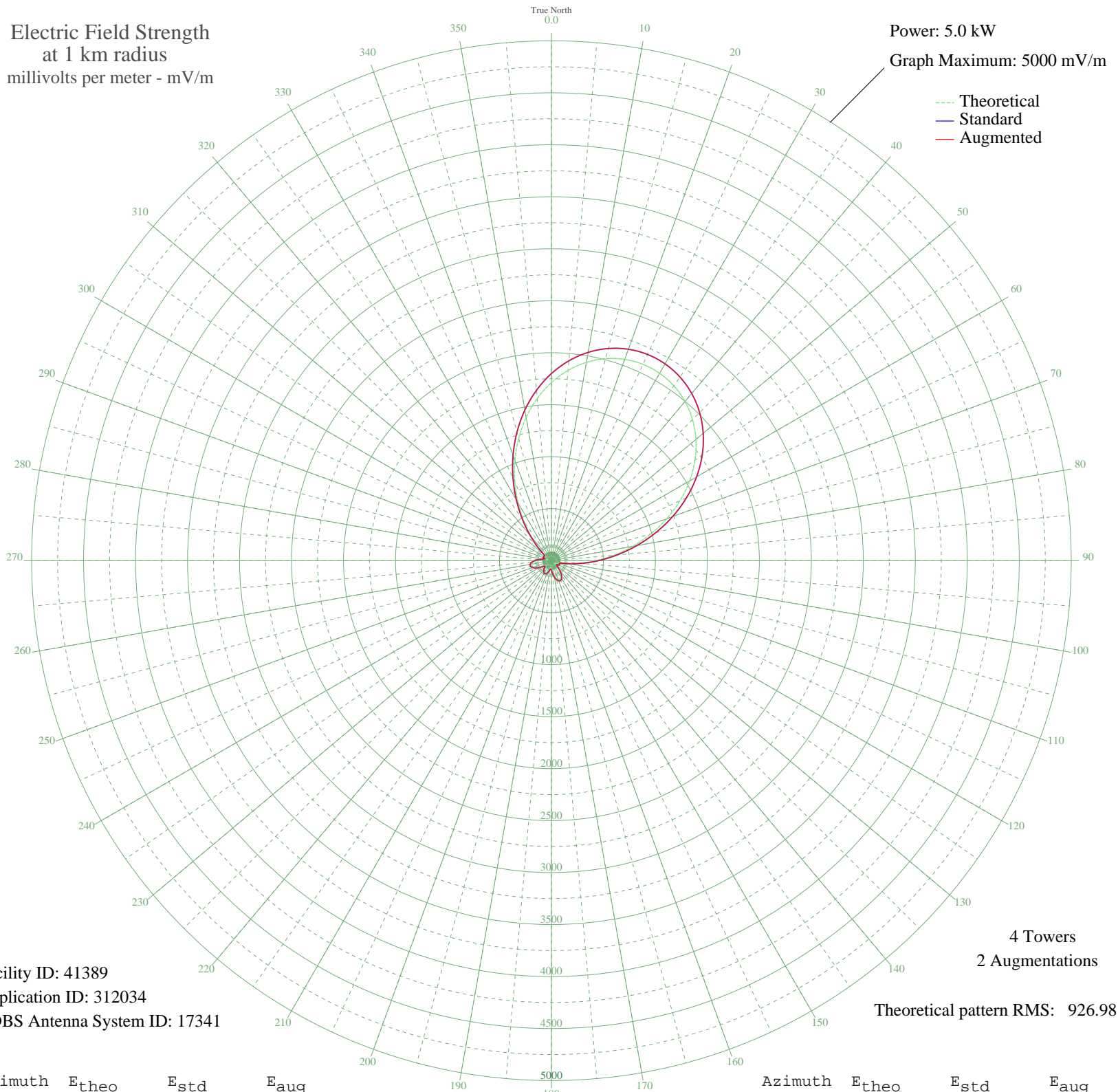
# WJMO CLEVELAND, OH BL-- 1300 kHz

Unlimited Time

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

Power: 5.0 kW

Graph Maximum: 5000 mV/m



Facility ID: 41389  
Application ID: 312034  
CDBS Antenna System ID: 17341

Theoretical pattern RMS: 926.98

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1713.01	1799.32	1799.32
5	1837.07	1929.54	1929.54
10	1936.87	2034.30	2034.30
15	2011.46	2112.59	2112.59
20	2060.42	2163.99	2163.99
25	2083.62	2188.35	2188.35
30	2081.04	2185.64	2185.64
35	2052.68	2155.87	2155.87
40	1998.58	2099.08	2099.08
45	1918.90	2015.44	2015.44
50	1814.15	1905.49	1905.49
55	1685.42	1770.36	1770.36
60	1534.65	1612.12	1612.12
65	1364.91	1433.98	1433.98
70	1180.56	1240.55	1240.55
75	987.35	1037.86	1037.86
80	792.21	833.25	833.25
85	603.01	635.04	635.04
90	428.07	452.12	452.12
95	275.68	293.56	293.56
100	154.32	169.23	169.23
105	76.70	94.18	94.18
110	61.18	80.69	80.69
115	70.31	88.51	88.51
120	64.69	83.65	83.65
125	43.57	66.91	66.91
130	34.87	61.03	61.03
135	69.53	87.83	87.83
140	114.32	129.59	129.59
145	153.79	168.70	168.70
150	181.50	196.73	196.73
155	194.19	209.66	209.66
160	191.01	206.42	206.42
165	173.29	188.40	188.40
170	144.24	159.13	159.13
175	108.99	124.42	124.42

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	76.08	93.63	93.63
185	61.26	80.76	80.76
190	73.91	91.69	91.69
195	96.99	112.94	112.94
200	116.29	131.51	131.51
205	126.31	141.33	141.33
210	125.17	140.21	140.21
215	113.07	128.37	128.37
220	92.39	108.61	118.56
225	69.86	88.12	94.65
230	61.88	81.28	81.28
235	81.85	98.85	98.85
240	116.20	131.42	131.42
245	150.74	165.64	165.64
250	177.87	193.05	193.05
255	192.88	208.33	208.33
260	192.93	208.38	208.38
265	177.09	192.25	192.25
270	146.68	161.57	161.57
275	105.50	121.06	121.06
280	60.91	80.47	80.47
285	32.67	59.68	88.51
290	48.36	70.45	70.45
295	67.33	85.92	85.92
300	69.20	87.54	87.54
305	60.08	79.77	79.77
310	87.66	104.20	104.20
315	175.64	190.78	190.78
320	303.96	322.88	322.88
325	461.52	487.05	487.05
330	639.98	673.75	673.75
335	831.02	873.94	873.94
340	1026.38	1078.81	1078.81
345	1218.35	1280.20	1280.20
350	1400.18	1471.00	1471.00
355	1566.44	1645.49	1645.49