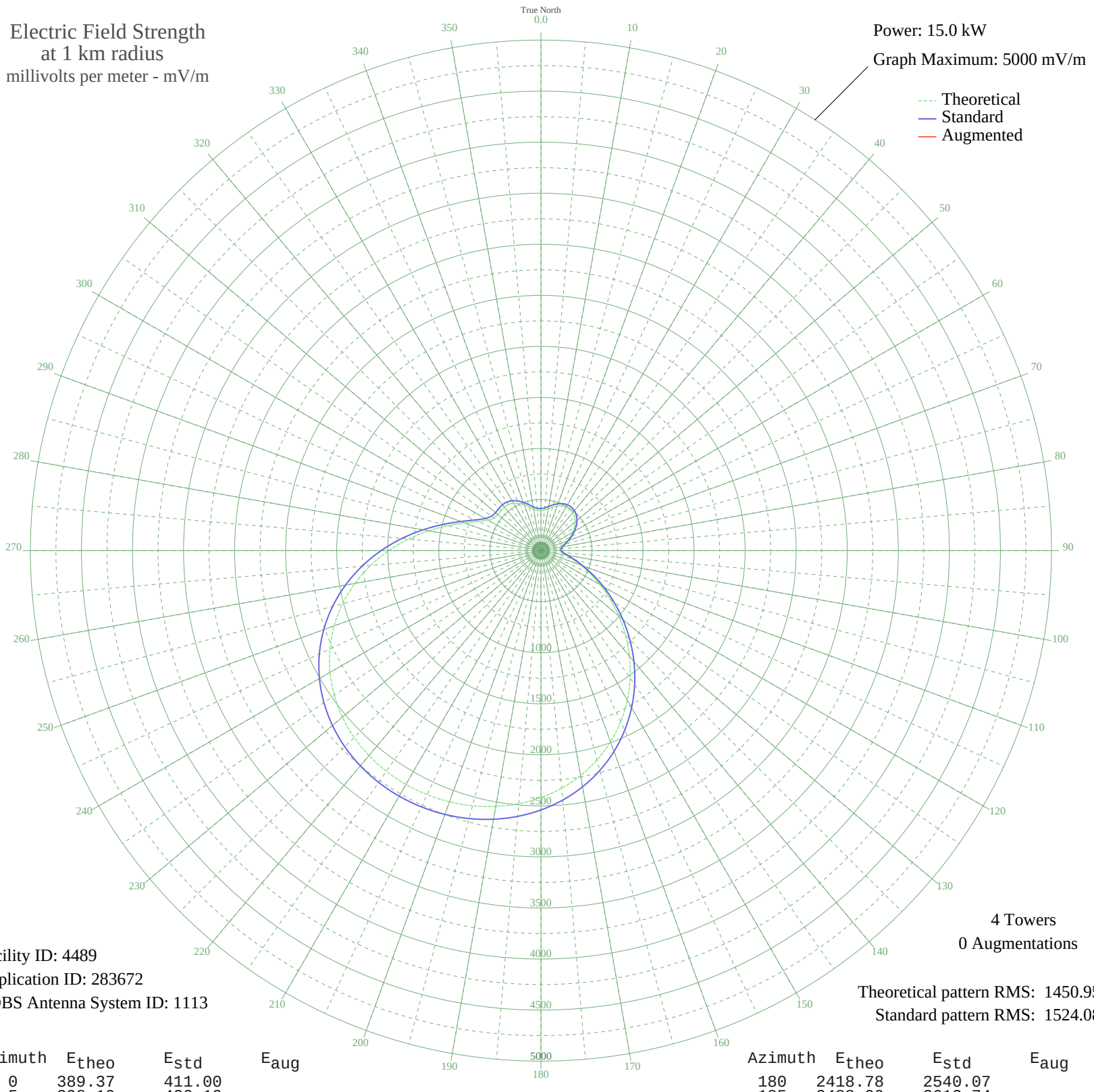
WHBC CANTON, OH BL-19990408DC 1480 kHz

Daytime

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



Power: 15.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 4489
Application ID: 283672
CDBS Antenna System ID: 1113

Theoretical pattern RMS: 1450.95
Standard pattern RMS: 1524.08

Azimuth	E_{theo}	E_{std}	E_{aug}
0	389.37	411.00	
5	398.10	420.13	
10	416.82	439.69	
15	440.18	464.10	
20	463.02	487.99	
25	481.25	507.07	
30	491.98	518.30	
35	493.40	519.78	
40	484.64	510.61	
45	465.66	490.76	
50	437.24	461.04	
55	400.90	423.05	
60	358.90	379.20	
65	314.18	332.57	
70	270.27	286.90	
75	231.17	246.35	
80	201.08	215.30	
85	184.26	198.01	
90	184.73	198.49	
95	206.07	220.44	
100	250.93	266.82	
105	320.69	339.35	
110	415.32	438.11	
115	533.38	561.63	
120	672.17	707.04	
125	827.90	870.31	
130	995.94	1046.59	
135	1171.25	1230.54	
140	1348.70	1416.76	
145	1523.43	1600.16	
150	1691.18	1776.24	
155	1848.47	1941.35	
160	1992.75	2092.82	
165	2122.38	2228.90	
170	2236.57	2348.77	
175	2335.22	2452.34	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2418.78	2540.07	
185	2488.00	2612.74	
190	2543.74	2671.26	
195	2586.80	2716.47	
200	2617.78	2748.99	
205	2636.92	2769.08	
210	2644.10	2776.62	
215	2638.79	2771.05	
220	2620.07	2751.39	
225	2586.72	2716.38	
230	2537.33	2664.53	
235	2470.50	2594.37	
240	2384.96	2504.57	
245	2279.89	2394.26	
250	2155.09	2263.24	
255	2011.25	2112.23	
260	1850.15	1943.12	
265	1674.86	1759.11	
270	1489.82	1564.88	
275	1300.96	1366.66	
280	1115.70	1172.24	
285	942.93	990.97	
290	792.82	833.52	
295	675.62	710.65	
300	598.52	629.86	
305	560.57	590.11	
310	550.89	579.97	
315	554.00	583.22	
320	556.85	586.21	
325	551.69	580.81	
330	535.68	564.04	
335	509.62	536.75	
340	476.92	502.53	
345	442.78	466.82	
350	413.33	436.03	
355	394.35	416.21	