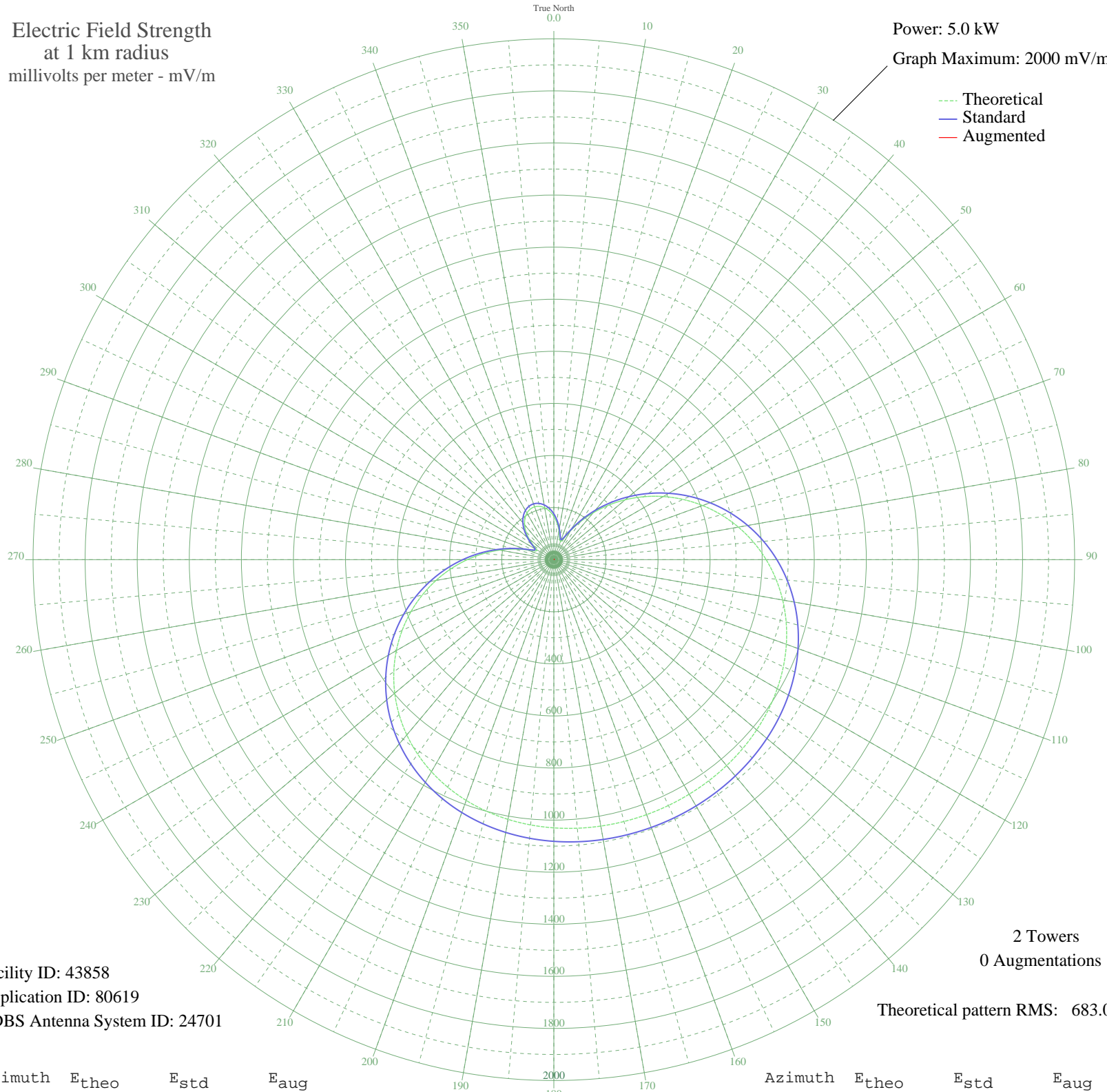


WHLO AKRON, OH BL-19850731AI 640 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 43858
Application ID: 80619
CDBS Antenna System ID: 24701

2 Towers
0 Augmentations

Theoretical pattern RMS: 683.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	165.92	175.79	
5	140.83	149.72	
10	112.98	120.93	
15	86.84	94.16	
20	74.05	81.22	
25	89.18	96.54	
30	127.58	136.00	
35	177.88	188.24	
40	234.55	247.39	
45	295.01	310.65	
50	357.69	376.31	
55	421.35	443.04	
60	484.90	509.69	
65	547.37	575.21	
70	607.83	638.65	
75	665.48	699.15	
80	719.64	755.99	
85	769.74	808.57	
90	815.38	856.47	
95	856.28	899.40	
100	892.35	937.26	
105	923.61	970.08	
110	950.24	998.02	
115	972.49	1021.39	
120	990.74	1040.54	
125	1005.40	1055.93	
130	1016.90	1068.00	
135	1025.70	1077.24	
140	1032.21	1084.08	
145	1036.82	1088.91	
150	1039.82	1092.06	
155	1041.43	1093.76	
160	1041.80	1094.14	
165	1040.94	1093.24	
170	1038.79	1090.99	
175	1035.18	1087.20	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1029.86	1081.60	
185	1022.48	1073.86	
190	1012.65	1063.54	
195	999.94	1050.20	
200	983.90	1033.36	
205	964.09	1012.57	
210	940.13	987.41	
215	911.68	957.55	
220	878.50	922.73	
225	840.50	882.84	
230	797.68	837.89	
235	750.22	788.08	
240	698.44	733.73	
245	642.80	675.35	
250	583.94	613.58	
255	522.57	549.20	
260	459.56	483.11	
265	395.84	416.30	
270	332.44	349.85	
275	270.49	284.98	
280	211.32	223.12	
285	156.79	166.29	
290	110.29	118.16	
295	79.60	86.81	
300	76.42	83.61	
305	96.58	104.09	
310	124.26	132.57	
315	151.32	160.61	
320	174.76	185.00	
325	193.38	204.40	
330	206.61	218.20	
335	214.16	226.09	
340	215.91	227.92	
345	211.83	223.66	
350	201.99	213.38	
355	186.56	197.29	

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