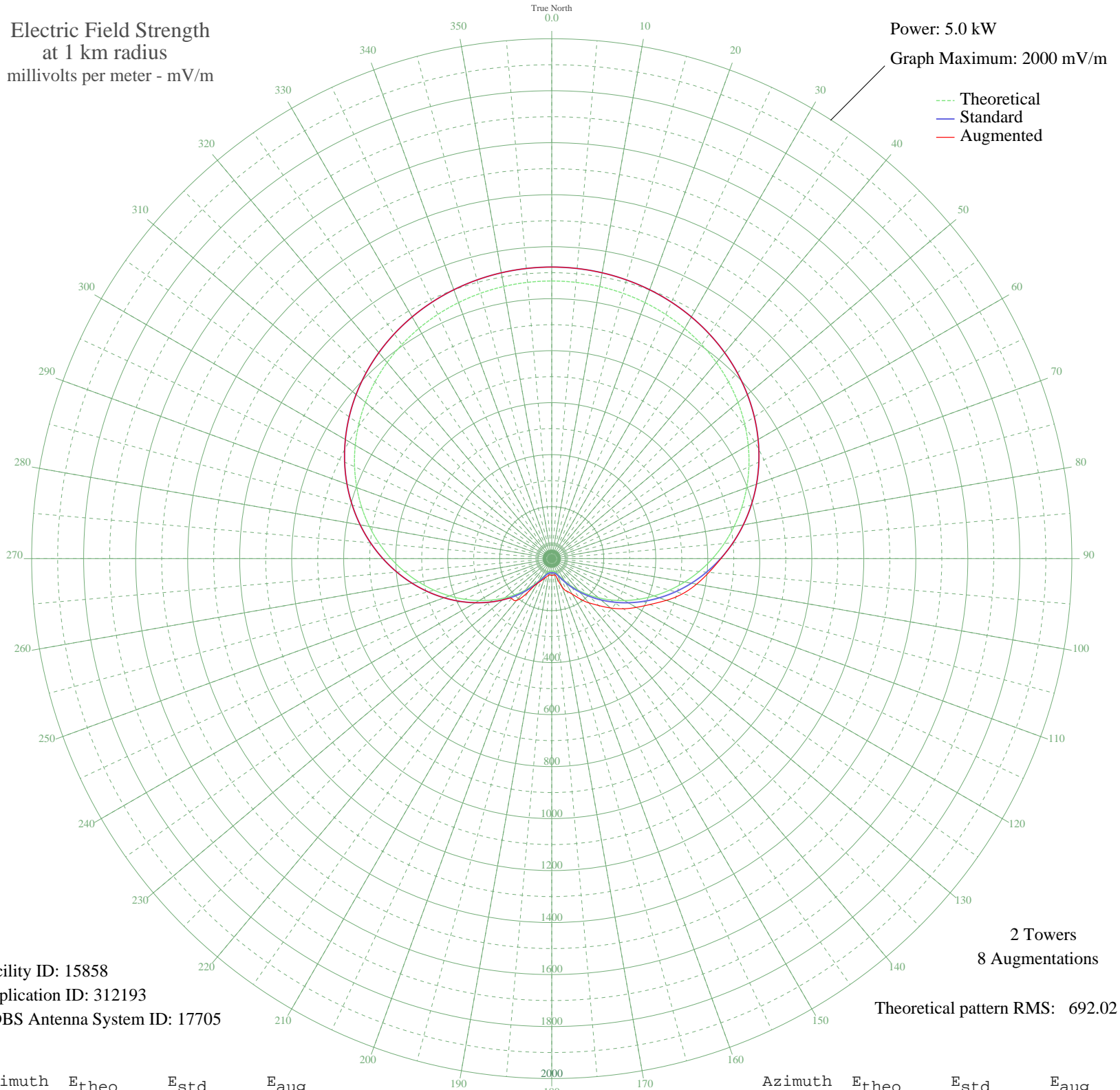


# WORC WORCESTER, MA BL-- 1310 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 15858  
Application ID: 312193  
CDBS Antenna System ID: 17705

2 Towers  
8 Augmentations  
Theoretical pattern RMS: 692.02

Azimuth	Etheo	Estd	Eaug
0	1068.08	1121.73	1121.73
5	1066.85	1120.44	1120.44
10	1063.15	1116.55	1116.55
15	1056.93	1110.02	1110.02
20	1048.12	1100.77	1100.77
25	1036.62	1088.70	1088.70
30	1022.32	1073.69	1073.69
35	1005.12	1055.63	1055.63
40	984.90	1034.41	1034.41
45	961.57	1009.92	1009.92
50	935.07	982.10	982.10
55	905.37	950.93	950.93
60	872.51	916.44	916.44
65	836.56	878.70	878.70
70	797.67	837.88	837.88
75	756.05	794.20	794.20
80	711.97	747.93	747.93
85	665.77	699.46	699.46
90	617.87	649.19	650.54
95	568.71	597.61	606.75
100	518.79	545.24	565.57
105	468.65	492.64	521.24
110	418.82	440.39	469.11
115	369.89	389.09	417.35
120	322.40	339.33	375.22
125	276.91	291.70	336.16
130	233.96	246.78	295.23
135	194.09	205.15	255.02
140	157.85	167.39	222.07
145	125.78	134.14	188.44
150	98.52	106.08	157.78
155	76.81	84.00	139.06
160	61.34	68.55	115.07
165	52.27	59.69	76.62
170	48.43	56.01	63.60
175	47.49	55.11	63.79

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	47.42	55.05	64.37
185	47.49	55.11	63.23
190	48.43	56.01	64.03
195	52.27	59.69	71.27
200	61.34	68.55	80.47
205	76.81	84.00	92.58
210	98.52	106.08	110.19
215	125.78	134.14	152.41
220	157.85	167.39	210.10
225	194.10	205.15	216.94
230	233.96	246.78	246.78
235	276.91	291.70	291.70
240	322.40	339.33	339.33
245	369.89	389.09	389.09
250	418.82	440.39	440.39
255	468.65	492.64	492.64
260	518.79	545.24	545.24
265	568.71	597.61	597.61
270	617.87	649.19	649.19
275	665.77	699.46	699.46
280	711.97	747.93	747.93
285	756.05	794.20	794.20
290	797.67	837.88	837.88
295	836.56	878.71	878.71
300	872.51	916.44	916.44
305	905.37	950.93	950.93
310	935.07	982.10	982.10
315	961.57	1009.92	1009.92
320	984.90	1034.41	1034.41
325	1005.12	1055.63	1055.63
330	1022.32	1073.69	1073.69
335	1036.62	1088.70	1088.70
340	1048.12	1100.77	1100.77
345	1056.93	1110.02	1110.02
350	1063.15	1116.55	1116.55
355	1066.85	1120.44	1120.44