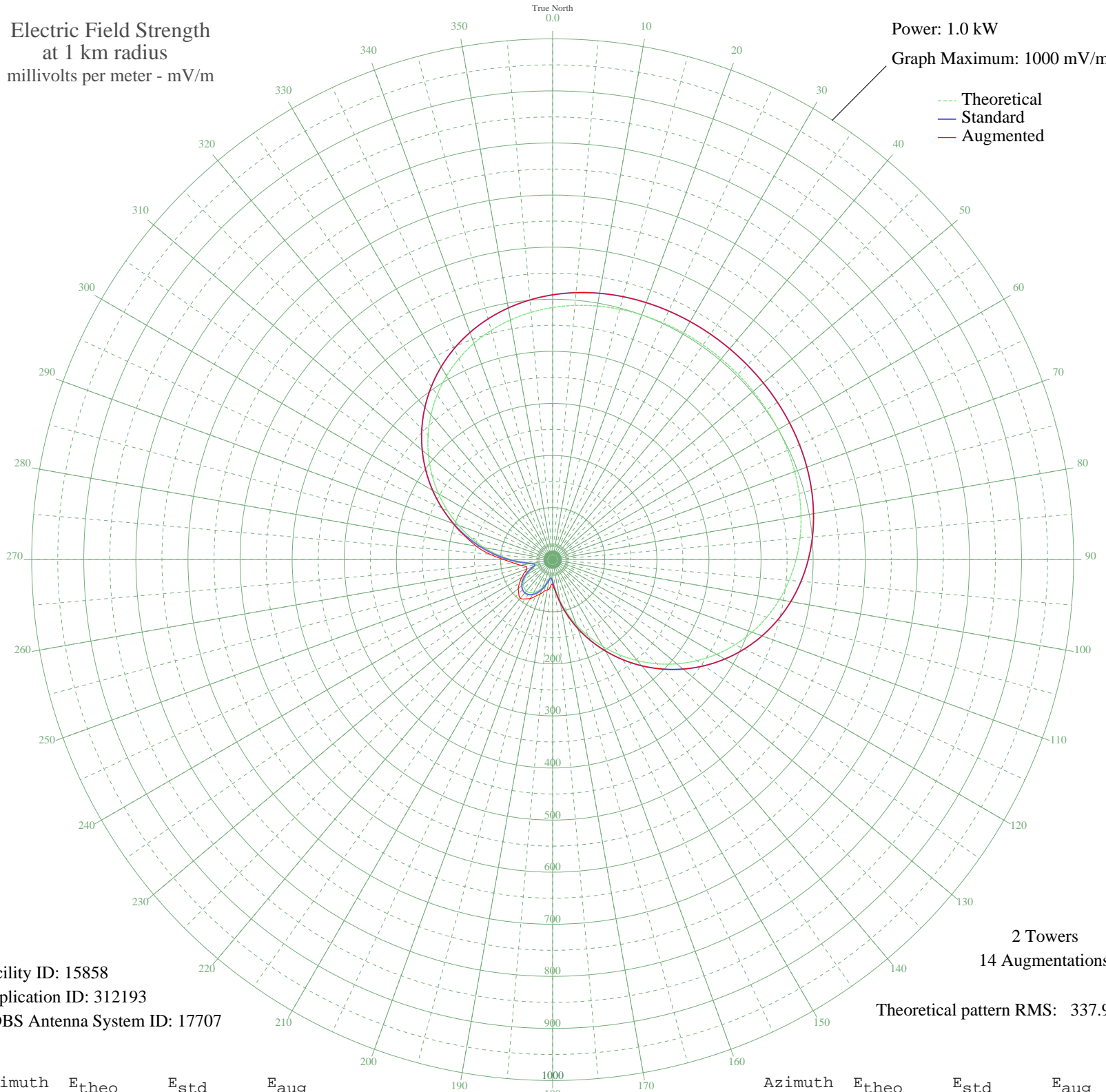


# WORC WORCESTER, MA BL-- 1310 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 15858  
Application ID: 312193  
CDBS Antenna System ID: 17707

2 Towers  
14 Augmentations

Theoretical pattern RMS: 337.96

Azimuth	Etheo	Estd	Eaug
0	484.15	508.46	508.46
5	490.01	514.62	514.62
10	494.46	519.29	519.29
15	497.72	522.71	522.71
20	500.04	525.14	525.14
25	501.61	526.79	526.79
30	502.60	527.84	527.84
35	503.14	528.41	528.41
40	503.32	528.59	528.59
45	503.14	528.41	528.41
50	502.60	527.84	527.84
55	501.61	526.79	526.79
60	500.04	525.14	525.14
65	497.72	522.71	522.71
70	494.46	519.29	519.29
75	490.01	514.62	514.62
80	484.15	508.46	508.46
85	476.61	500.56	500.56
90	467.19	490.66	490.66
95	455.67	478.57	478.57
100	441.90	464.12	464.12
105	425.78	447.19	447.19
110	407.26	427.75	427.75
115	386.38	405.83	405.83
120	363.25	381.56	381.56
125	338.06	355.12	355.12
130	311.07	326.79	326.79
135	282.60	296.92	296.92
140	253.05	265.91	265.91
145	222.84	234.21	234.21
150	192.43	202.32	202.32
155	162.32	170.75	170.75
160	133.01	140.06	140.06
165	105.09	110.84	110.84
170	79.24	83.87	83.87
175	56.57	60.31	61.13

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	39.32	42.60	48.38
185	32.05	35.25	52.24
190	36.56	39.80	59.19
195	46.65	50.10	62.76
200	57.21	60.98	70.19
205	66.22	70.32	77.31
210	72.96	77.32	86.23
215	77.09	81.62	92.03
220	78.48	83.07	96.56
225	77.09	81.62	92.03
230	72.96	77.32	86.23
235	66.22	70.32	77.31
240	57.21	60.98	68.50
245	46.65	50.10	60.35
250	36.56	39.80	52.67
255	32.05	35.25	52.10
260	39.32	42.60	62.07
265	56.57	60.31	75.07
270	79.24	83.87	93.34
275	105.09	110.84	121.21
280	133.01	140.06	148.71
285	162.32	170.75	174.28
290	192.43	202.32	203.74
295	222.84	234.21	234.21
300	253.05	265.91	265.91
305	282.60	296.92	296.92
310	311.07	326.79	326.79
315	338.06	355.12	355.12
320	363.25	381.56	381.56
325	386.38	405.83	405.83
330	407.26	427.75	427.75
335	425.78	447.19	447.19
340	441.90	464.12	464.12
345	455.67	478.57	478.57
350	467.19	490.66	490.66
355	476.61	500.56	500.56