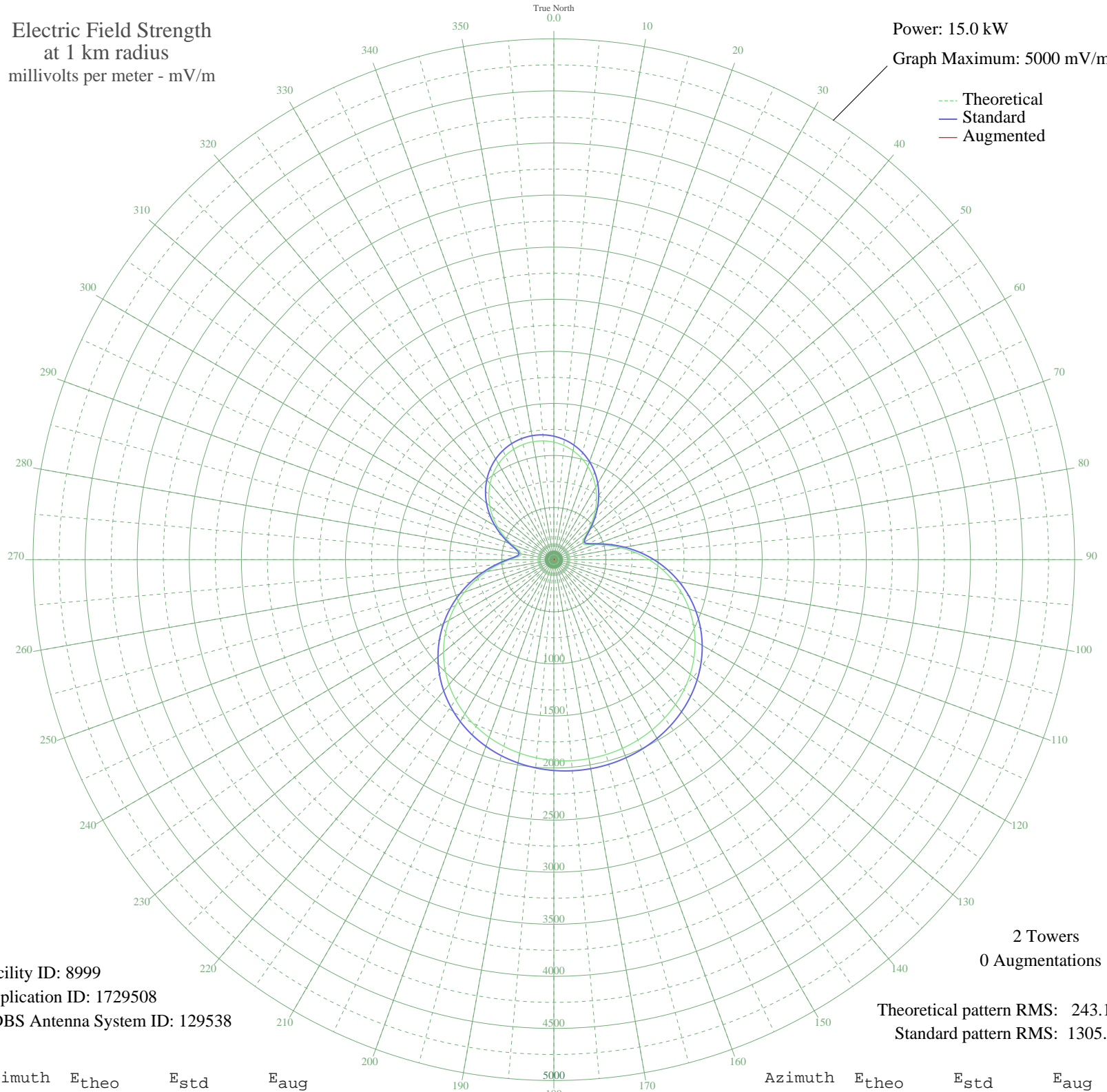


WBXR HAZEL GREEN, AL BP-20160421AAD 1140 kHz

Daytime

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

Power: 15.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 8999
Application ID: 1729508
CDBS Antenna System ID: 129538

2 Towers
0 Augmentations

Theoretical pattern RMS: 243.10
Standard pattern RMS: 1305.93

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1128.01	1185.15	
5	1100.52	1156.31	
10	1062.07	1115.96	
15	1012.74	1064.20	
20	952.76	1001.27	
25	882.51	927.58	
30	802.71	843.89	
35	714.56	751.46	
40	620.12	652.47	
45	523.00	550.75	
50	430.03	453.47	
55	354.55	374.62	
60	319.31	337.88	
65	344.15	363.77	
70	422.06	445.14	
75	531.05	559.17	
80	654.86	688.87	
85	784.37	824.65	
90	914.27	960.89	
95	1041.13	1093.98	
100	1162.53	1221.38	
105	1276.75	1341.24	
110	1382.52	1452.25	
115	1479.04	1553.55	
120	1565.80	1644.63	
125	1642.65	1725.29	
130	1709.65	1795.62	
135	1767.07	1855.90	
140	1815.34	1906.56	
145	1854.95	1948.14	
150	1886.43	1981.19	
155	1910.29	2006.24	
160	1926.99	2023.77	
165	1936.86	2034.13	
170	1940.12	2037.56	
175	1936.86	2034.13	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1926.99	2023.77	
185	1910.29	2006.24	
190	1886.43	1981.19	
195	1854.95	1948.14	
200	1815.34	1906.56	
205	1767.07	1855.90	
210	1709.65	1795.62	
215	1642.65	1725.29	
220	1565.80	1644.63	
225	1479.04	1553.55	
230	1382.52	1452.25	
235	1276.75	1341.24	
240	1162.53	1221.38	
245	1041.13	1093.98	
250	914.27	960.89	
255	784.37	824.65	
260	654.86	688.87	
265	531.05	559.17	
270	422.06	445.14	
275	344.15	363.77	
280	319.31	337.88	
285	354.55	374.62	
290	430.03	453.47	
295	523.00	550.75	
300	620.12	652.47	
305	714.56	751.46	
310	802.71	843.89	
315	882.51	927.58	
320	952.76	1001.27	
325	1012.74	1064.20	
330	1062.07	1115.96	
335	1100.52	1156.31	
340	1128.01	1185.15	
345	1144.51	1202.46	
350	1150.01	1208.23	
355	1144.51	1202.46	

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.

6 Mar 2017

Prepared by Audio Division, Media Bureau
Federal Communications Commission