

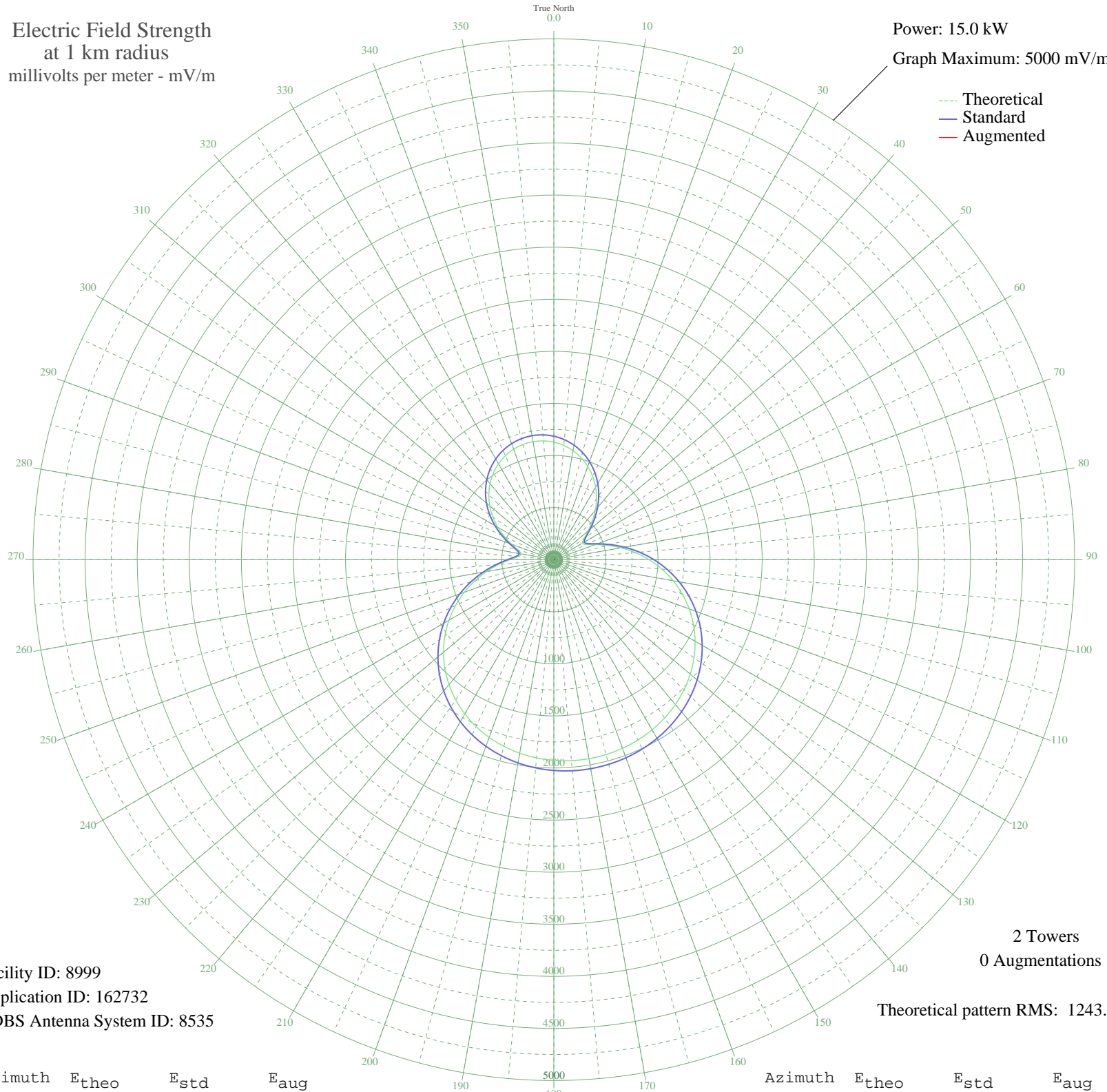
WBXR HAZEL GREEN, AL BL-19910705AB 1140 kHz

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



Facility ID: 8999  
Application ID: 162732  
CDBS Antenna System ID: 8535

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1243.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1127.98	1185.11	
5	1100.49	1156.27	
10	1062.03	1115.92	
15	1012.71	1064.17	
20	952.73	1001.24	
25	882.48	927.55	
30	802.69	843.86	
35	714.54	751.44	
40	620.10	652.45	
45	522.99	550.73	
50	430.02	453.45	
55	354.54	374.61	
60	319.30	337.87	
65	344.14	363.76	
70	422.05	445.13	
75	531.03	559.15	
80	654.84	688.85	
85	784.34	824.62	
90	914.24	960.86	
95	1041.09	1093.95	
100	1162.49	1221.34	
105	1276.70	1341.19	
110	1382.48	1452.21	
115	1478.99	1553.50	
120	1565.75	1644.57	
125	1642.59	1725.23	
130	1709.59	1795.56	
135	1767.01	1855.84	
140	1815.28	1906.50	
145	1854.89	1948.08	
150	1886.37	1981.13	
155	1910.23	2006.18	
160	1926.93	2023.71	
165	1936.80	2034.07	
170	1940.06	2037.50	
175	1936.80	2034.07	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1926.93	2023.71	
185	1910.23	2006.18	
190	1886.37	1981.13	
195	1854.89	1948.08	
200	1815.28	1906.50	
205	1767.01	1855.84	
210	1709.59	1795.56	
215	1642.59	1725.23	
220	1565.75	1644.57	
225	1478.99	1553.50	
230	1382.48	1452.21	
235	1276.70	1341.19	
240	1162.49	1221.34	
245	1041.09	1093.95	
250	914.24	960.86	
255	784.34	824.62	
260	654.84	688.85	
265	531.03	559.15	
270	422.05	445.13	
275	344.14	363.76	
280	319.30	337.87	
285	354.54	374.61	
290	430.02	453.45	
295	522.99	550.73	
300	620.10	652.45	
305	714.54	751.44	
310	802.69	843.86	
315	882.48	927.55	
320	952.73	1001.24	
325	1012.71	1064.17	
330	1062.03	1115.92	
335	1100.49	1156.27	
340	1127.98	1185.11	
345	1144.47	1202.42	
350	1149.97	1208.19	
355	1144.47	1202.42	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission