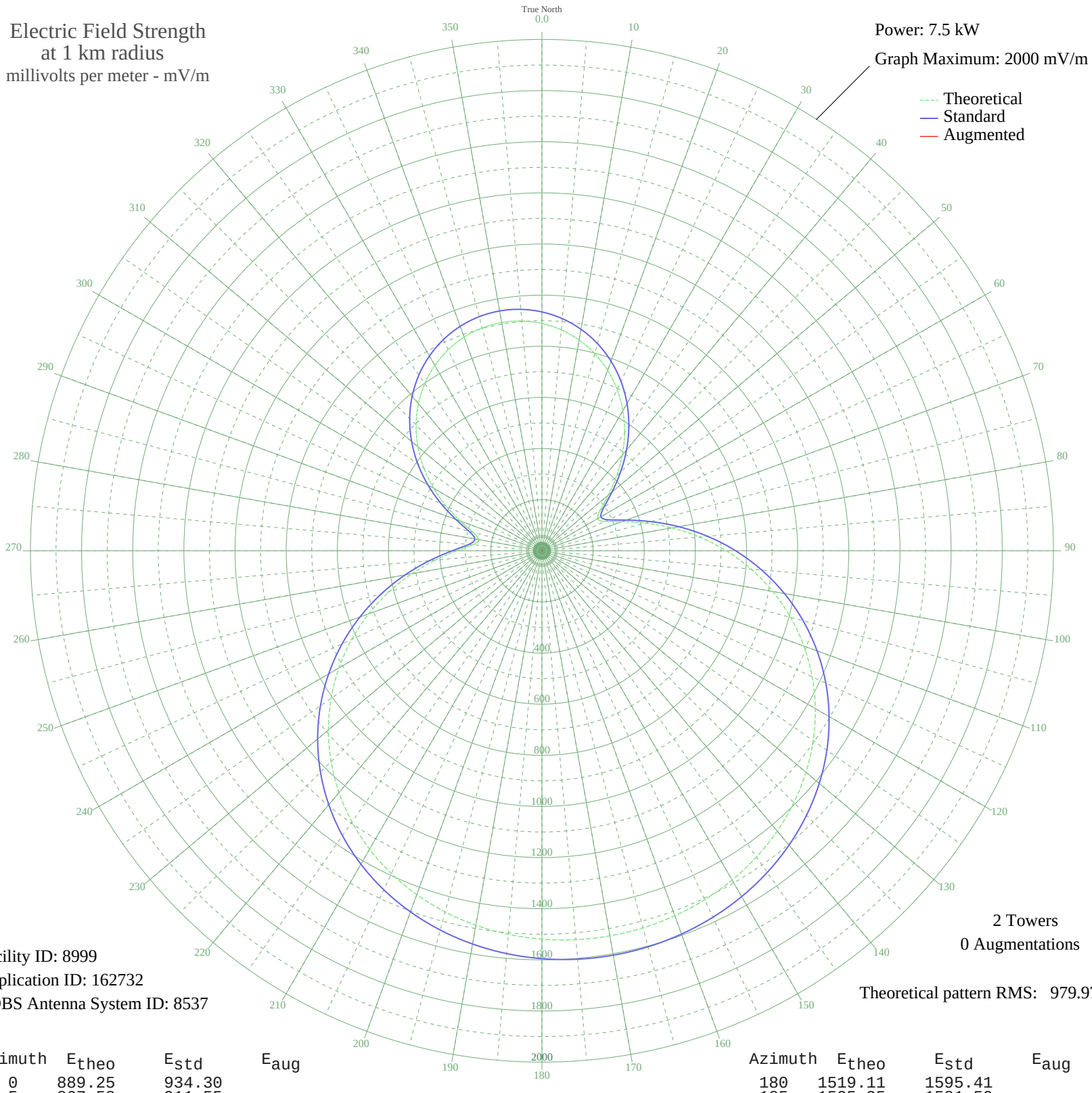
WBXR HAZEL GREEN, AL BL-19910705AB 1140 kHz

Critical Hours

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



Power: 7.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 8999
Application ID: 162732
CDBS Antenna System ID: 8537

Theoretical pattern RMS: 979.97

Azimuth	E_{theo}	E_{std}	E_{aug}
0	889.25	934.30	
5	867.58	911.55	
10	837.26	879.75	
15	798.38	838.95	
20	751.09	789.34	
25	695.71	731.24	
30	632.80	665.26	
35	563.32	592.40	
40	488.86	514.36	
45	412.30	434.17	
50	339.01	357.49	
55	279.50	295.33	
60	251.72	266.36	
65	271.30	286.77	
70	332.73	350.92	
75	418.65	440.82	
80	516.25	543.06	
85	618.34	650.10	
90	720.75	757.51	
95	820.75	862.42	
100	916.46	962.85	
105	1006.50	1057.34	
110	1089.89	1144.86	
115	1165.97	1224.72	
120	1234.38	1296.51	
125	1294.95	1360.10	
130	1347.77	1415.54	
135	1393.04	1463.07	
140	1431.09	1503.01	
145	1462.32	1535.79	
150	1487.13	1561.84	
155	1505.95	1581.59	
160	1519.11	1595.41	
165	1526.89	1603.58	
170	1529.47	1606.28	
175	1526.89	1603.58	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1519.11	1595.41	
185	1505.95	1581.59	
190	1487.13	1561.84	
195	1462.32	1535.79	
200	1431.09	1503.01	
205	1393.04	1463.07	
210	1347.77	1415.54	
215	1294.95	1360.10	
220	1234.38	1296.51	
225	1165.97	1224.72	
230	1089.89	1144.86	
235	1006.50	1057.34	
240	916.46	962.85	
245	820.75	862.42	
250	720.75	757.51	
255	618.34	650.10	
260	516.25	543.06	
265	418.65	440.82	
270	332.73	350.92	
275	271.30	286.77	
280	251.72	266.36	
285	279.50	295.33	
290	339.01	357.49	
295	412.30	434.17	
300	488.86	514.36	
305	563.32	592.40	
310	632.80	665.26	
315	695.71	731.24	
320	751.09	789.34	
325	798.38	838.95	
330	837.26	879.75	
335	867.58	911.55	
340	889.25	934.30	
345	902.26	947.94	
350	906.59	952.49	
355	902.26	947.94	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission