

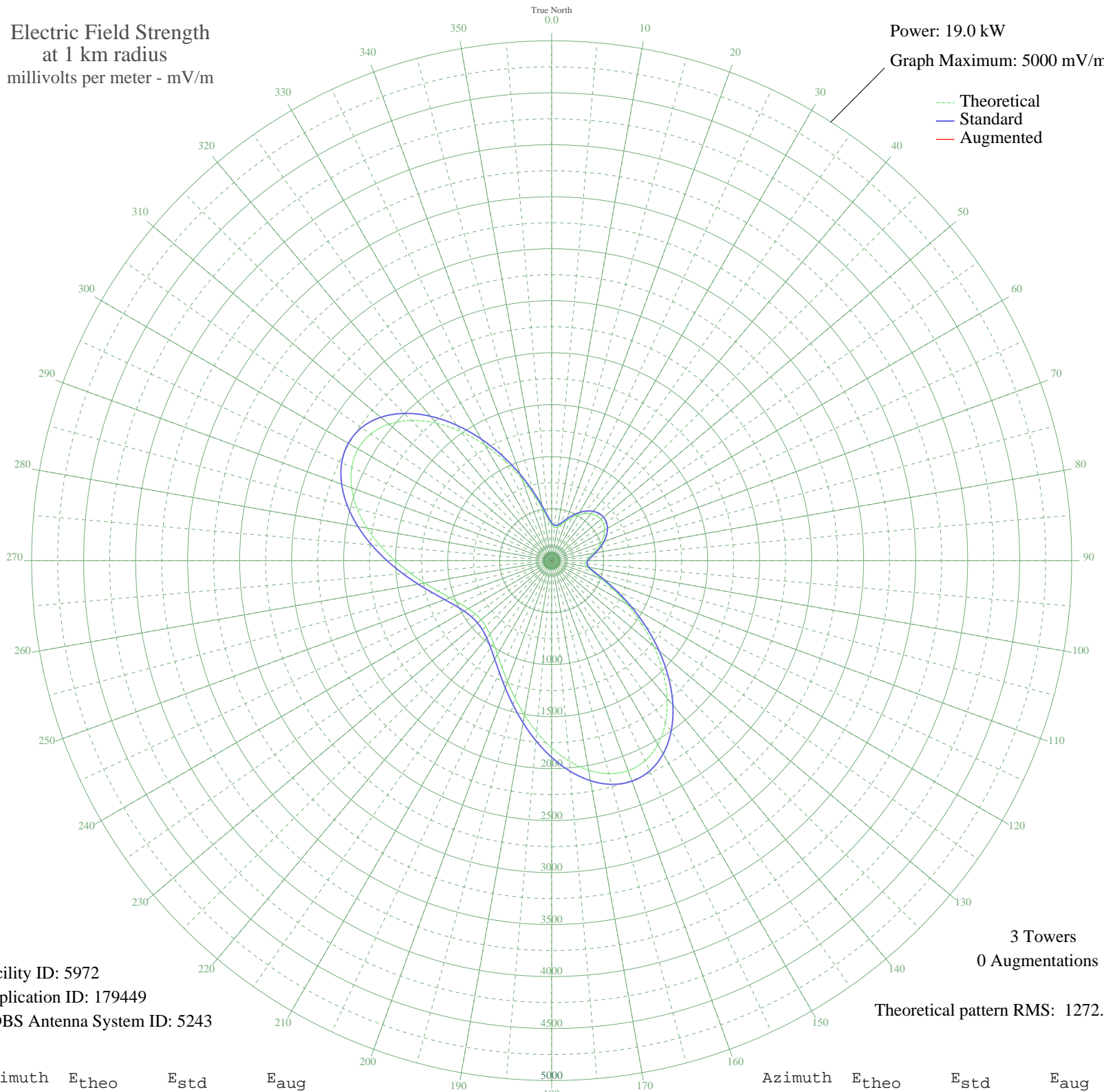
WFGW BLACK MOUNTAIN, NC BL-19921202AB 1010 kHz

Critical Hours

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

Power: 19.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 5972
Application ID: 179449
CDBS Antenna System ID: 5243

3 Towers
0 Augmentations
Theoretical pattern RMS: 1272.27

Azimuth	E _{theo}	E _{std}	E _{aug}
0	345.19	365.33	
5	321.61	340.78	
10	329.20	348.68	
15	359.80	380.55	
20	404.87	427.58	
25	456.47	481.47	
30	507.67	535.02	
35	552.94	582.38	
40	588.09	619.18	
45	610.27	642.42	
50	617.84	650.35	
55	610.27	642.42	
60	588.09	619.18	
65	552.94	582.38	
70	507.67	535.02	
75	456.47	481.47	
80	404.87	427.57	
85	359.80	380.55	
90	329.20	348.68	
95	321.61	340.78	
100	345.19	365.33	
105	406.67	429.45	
110	510.12	537.58	
115	655.89	690.20	
120	839.87	883.05	
125	1053.22	1106.83	
130	1282.93	1347.86	
135	1513.02	1589.33	
140	1726.43	1813.33	
145	1907.19	2003.07	
150	2042.43	2145.04	
155	2123.99	2230.66	
160	2149.18	2257.10	
165	2120.75	2227.26	
170	2045.99	2148.78	
175	1935.37	2032.66	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1800.88	1891.47	
185	1654.45	1737.77	
190	1506.76	1582.76	
195	1366.47	1435.52	
200	1239.82	1302.61	
205	1130.82	1188.24	
210	1041.54	1094.57	
215	972.67	1022.33	
220	924.06	971.34	
225	895.21	941.08	
230	885.65	931.06	
235	895.21	941.08	
240	924.06	971.34	
245	972.67	1022.33	
250	1041.54	1094.57	
255	1130.82	1188.24	
260	1239.82	1302.62	
265	1366.47	1435.52	
270	1506.77	1582.77	
275	1654.45	1737.77	
280	1800.88	1891.47	
285	1935.38	2032.66	
290	2045.99	2148.78	
295	2120.75	2227.26	
300	2149.18	2257.10	
305	2123.99	2230.66	
310	2042.43	2145.04	
315	1907.19	2003.07	
320	1726.43	1813.33	
325	1513.02	1589.33	
330	1282.93	1347.85	
335	1053.22	1106.83	
340	839.86	883.04	
345	655.89	690.20	
350	510.12	537.57	
355	406.67	429.45	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission