

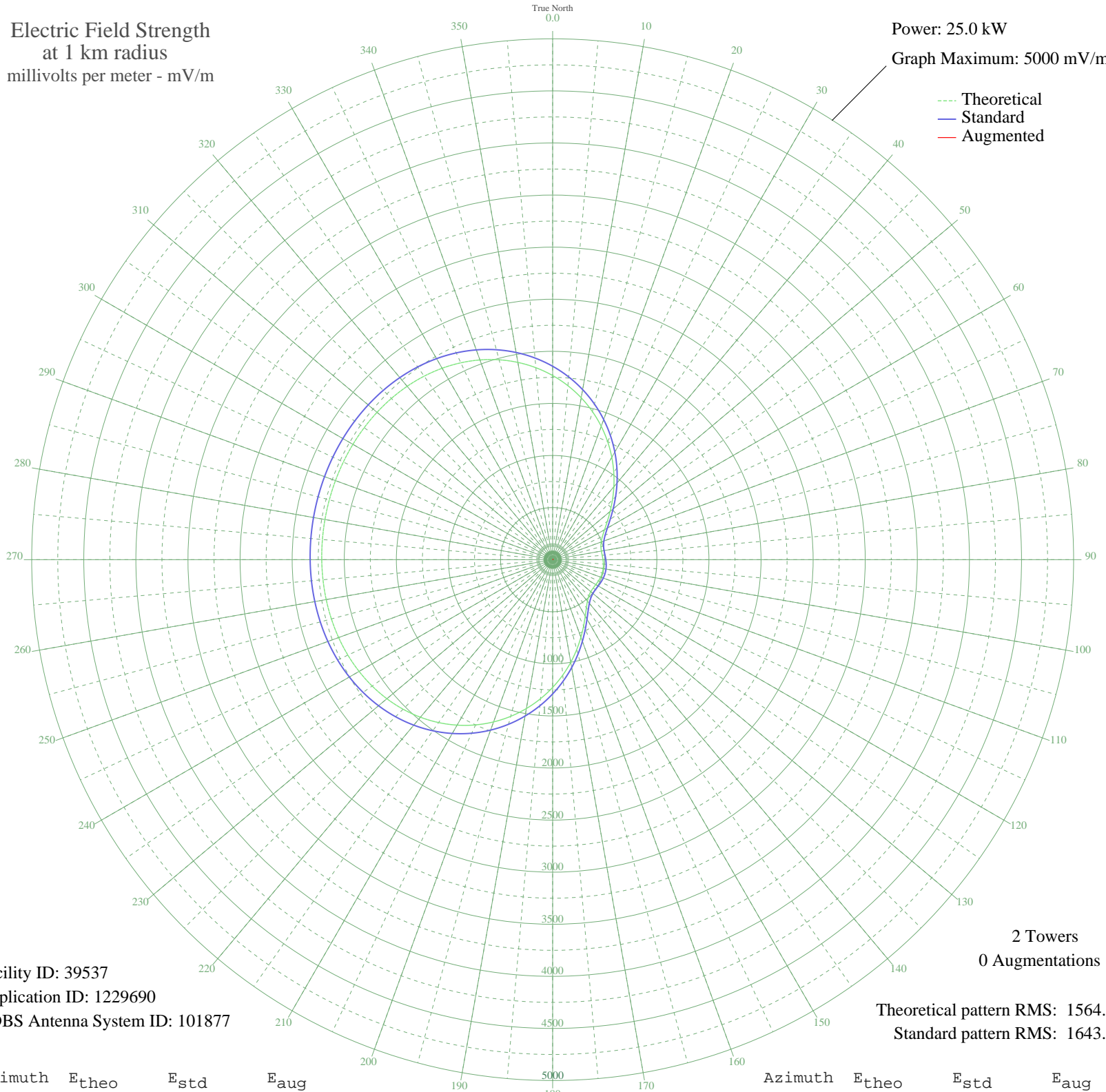
# WILS LANSING, MI BL-20080114ADF 1320 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 39537  
Application ID: 1229690  
CDBS Antenna System ID: 101877

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1564.72  
Standard pattern RMS: 1643.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1767.60	1856.73	
5	1676.64	1761.26	
10	1577.91	1657.63	
15	1472.67	1547.19	
20	1362.51	1431.60	
25	1249.31	1312.83	
30	1135.20	1193.11	
35	1022.53	1074.94	
40	913.88	961.01	
45	811.98	854.19	
50	719.69	757.49	
55	639.87	673.91	
60	575.06	606.10	
65	526.98	555.81	
70	495.75	523.18	
75	479.56	506.26	
80	474.86	501.36	
85	477.39	504.01	
90	483.11	509.98	
95	488.82	515.94	
100	492.40	519.67	
105	492.74	520.03	
110	489.76	516.92	
115	484.34	511.26	
120	478.40	505.06	
125	474.93	501.43	
130	477.83	504.46	
135	491.40	518.64	
140	519.41	547.90	
145	564.08	594.60	
150	625.63	659.01	
155	702.64	739.63	
160	792.66	833.94	
165	892.87	938.98	
170	1000.39	1051.72	
175	1112.47	1169.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1226.49	1288.88	
185	1340.05	1408.03	
190	1450.97	1524.43	
195	1557.33	1636.04	
200	1657.48	1741.14	
205	1750.08	1838.33	
210	1834.14	1926.56	
215	1909.00	2005.14	
220	1974.36	2073.74	
225	2030.22	2132.37	
230	2076.90	2181.38	
235	2114.97	2221.34	
240	2145.20	2253.07	
245	2168.51	2277.54	
250	2185.90	2295.79	
255	2198.40	2308.92	
260	2207.02	2317.97	
265	2212.69	2323.91	
270	2216.19	2327.59	
275	2218.17	2329.68	
280	2219.09	2330.63	
285	2219.16	2330.71	
290	2218.43	2329.95	
295	2216.69	2328.12	
300	2213.54	2324.81	
305	2208.36	2319.38	
310	2200.40	2311.02	
315	2188.75	2298.79	
320	2172.42	2281.65	
325	2150.38	2258.51	
330	2121.62	2228.32	
335	2085.18	2190.07	
340	2040.27	2142.93	
345	1986.28	2086.26	
350	1922.84	2019.66	
355	1849.86	1943.06	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission