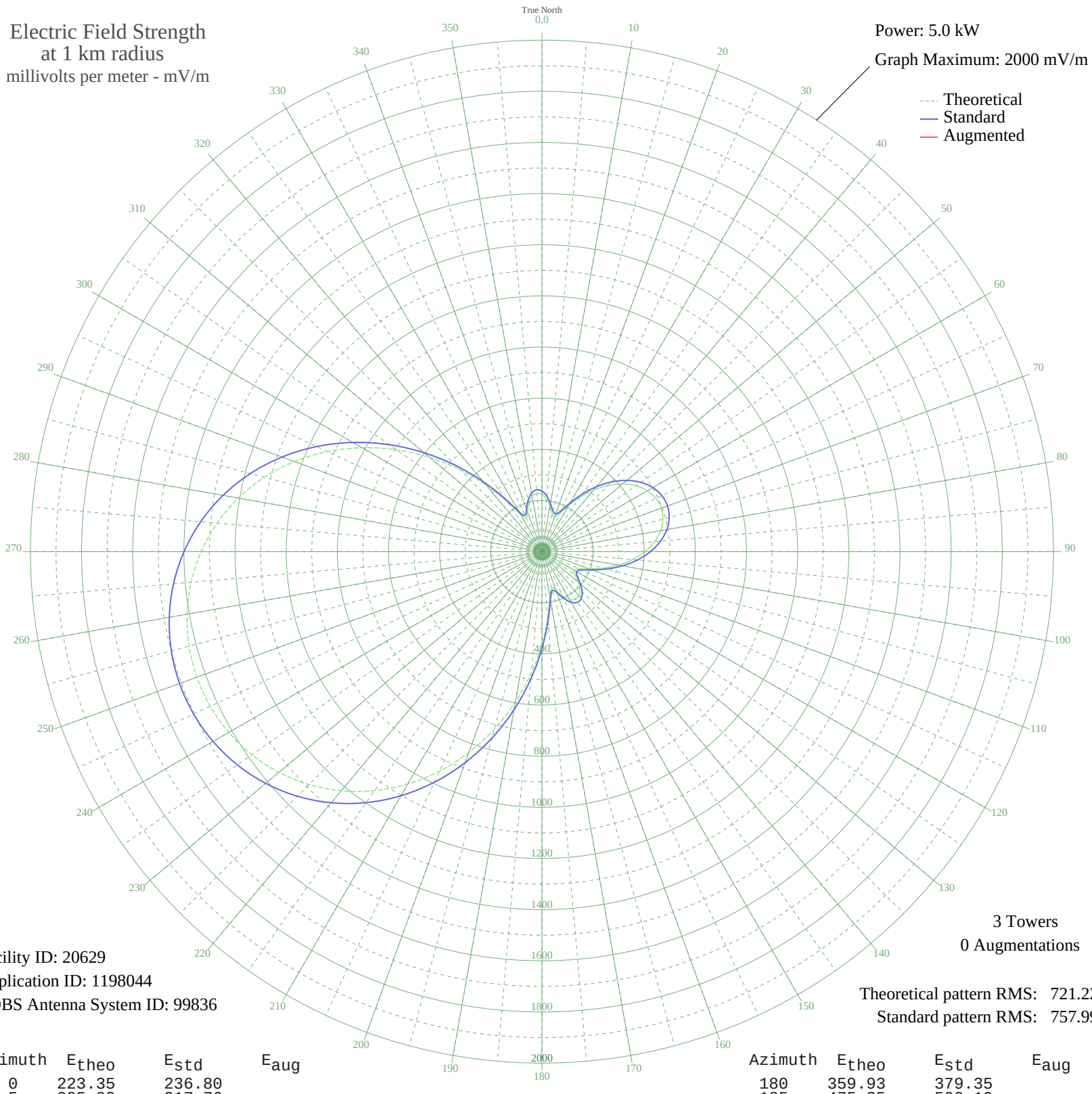
WUFL STERLING HEIGHTS, MI BL-20070726AMP 1030 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 20629
Application ID: 1198044
CDBS Antenna System ID: 99836

Theoretical pattern RMS: 721.22
Standard pattern RMS: 757.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	223.35	236.80	
5	205.02	217.76	
10	178.92	190.71	
15	154.39	165.40	
20	145.97	156.74	
25	164.79	176.12	
30	206.29	219.07	
35	258.79	273.70	
40	313.67	330.98	
45	365.63	385.31	
50	411.33	433.14	
55	448.51	472.08	
60	475.68	500.54	
65	491.86	517.49	
70	496.53	522.39	
75	489.53	515.06	
80	471.10	495.74	
85	441.84	465.09	
90	402.81	424.22	
95	355.65	374.87	
100	302.79	319.62	
105	247.88	262.34	
110	196.75	209.18	
115	158.86	170.00	
120	145.63	156.40	
125	158.52	169.65	
130	184.39	196.37	
135	209.52	222.43	
140	225.57	239.12	
145	228.12	241.76	
150	215.60	228.75	
155	189.84	202.01	
160	159.18	170.33	
165	146.11	156.89	
170	179.69	191.51	
175	257.31	272.17	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	359.93	379.35	
185	475.35	500.19	
190	596.32	627.00	
195	717.75	754.35	
200	835.65	878.05	
205	946.92	994.81	
210	1049.18	1102.12	
215	1140.71	1198.20	
220	1220.43	1281.88	
225	1287.73	1352.51	
230	1342.35	1409.85	
235	1384.31	1453.89	
240	1413.74	1484.79	
245	1430.83	1502.73	
250	1435.70	1507.85	
255	1428.40	1500.17	
260	1408.85	1479.66	
265	1376.92	1446.14	
270	1332.44	1399.44	
275	1275.28	1339.44	
280	1205.47	1266.17	
285	1123.32	1179.95	
290	1029.54	1081.51	
295	925.32	972.14	
300	812.51	853.77	
305	693.63	729.05	
310	571.94	601.44	
315	451.63	475.34	
320	338.09	356.51	
325	239.26	253.36	
330	168.83	180.29	
335	145.68	156.45	
340	164.90	176.22	
345	195.79	208.19	
350	219.29	232.58	
355	228.81	242.48	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission