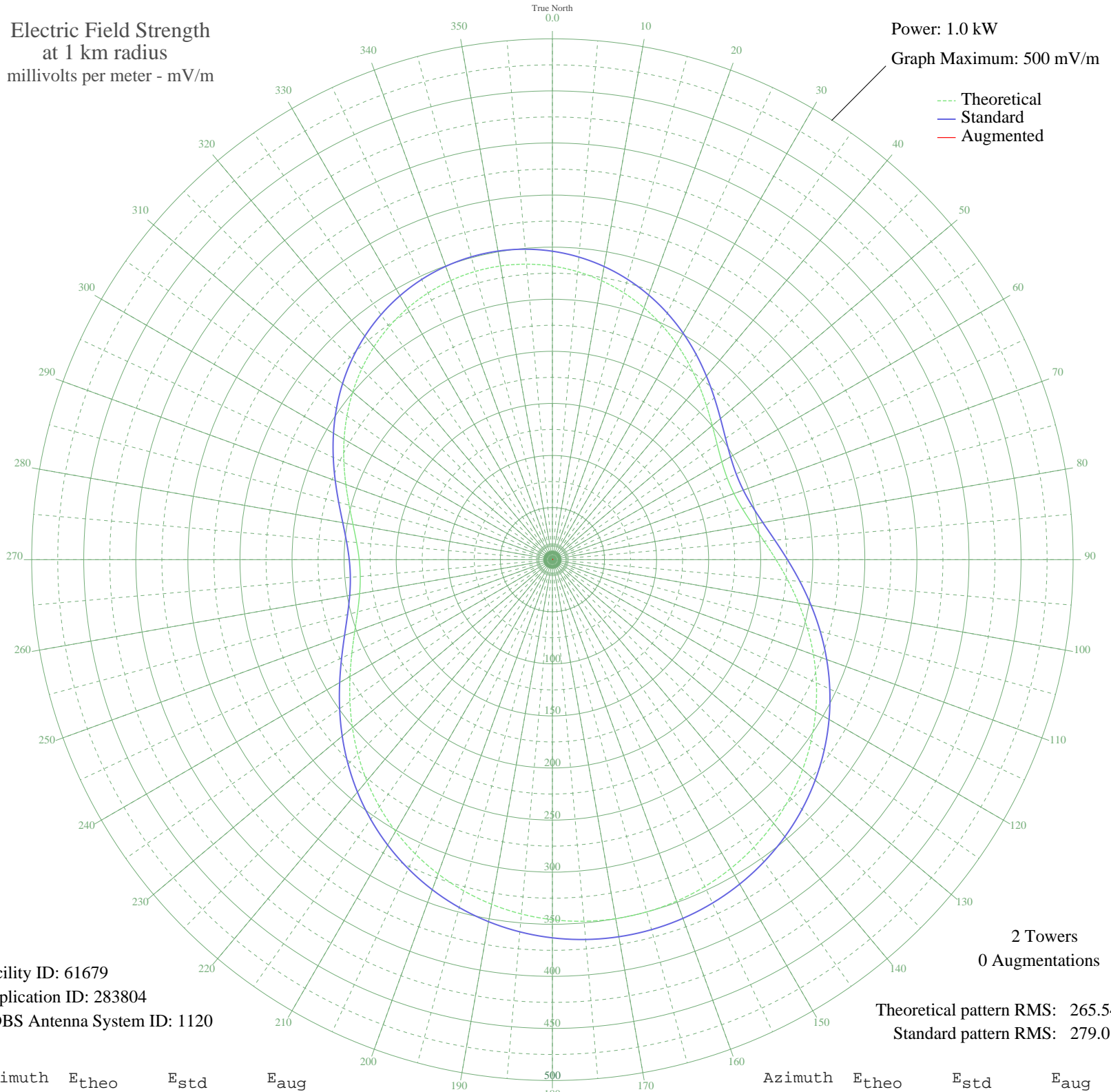


WEXL ROYAL OAK, MI BL-19990413DC 1340 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 61679
Application ID: 283804
CDBS Antenna System ID: 1120

Theoretical pattern RMS: 265.54
Standard pattern RMS: 279.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	281.83	296.10	
5	277.54	291.61	
10	271.96	285.76	
15	265.17	278.63	
20	257.28	270.35	
25	248.46	261.09	
30	238.91	251.08	
35	228.93	240.61	
40	218.88	230.06	
45	209.19	219.90	
50	200.40	210.69	
55	193.09	203.02	
60	187.85	197.52	
65	185.21	194.75	
70	185.51	195.07	
75	188.88	198.61	
80	195.16	205.18	
85	203.95	214.40	
90	214.73	225.71	
95	226.93	238.51	
100	239.99	252.21	
105	253.41	266.29	
110	266.76	280.30	
115	279.70	293.87	
120	291.95	306.72	
125	303.29	318.63	
130	313.58	329.43	
135	322.69	338.99	
140	330.56	347.25	
145	337.13	354.14	
150	342.37	359.65	
155	346.28	363.75	
160	348.84	366.43	
165	350.05	367.71	
170	349.92	367.56	
175	348.44	366.01	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	345.61	363.04	
185	341.43	358.66	
190	335.92	352.87	
195	329.09	345.70	
200	320.97	337.18	
205	311.61	327.36	
210	301.11	316.33	
215	289.56	304.22	
220	277.16	291.21	
225	264.11	277.52	
230	250.72	263.46	
235	237.33	249.42	
240	224.40	235.86	
245	212.44	223.31	
250	202.01	212.37	
255	193.69	203.64	
260	187.97	197.65	
265	185.21	194.75	
270	185.51	195.07	
275	188.71	198.42	
280	194.41	204.40	
285	202.06	212.43	
290	211.08	221.88	
295	220.88	232.16	
300	230.95	242.72	
305	240.87	253.13	
310	250.29	263.01	
315	258.94	272.09	
320	266.62	280.15	
325	273.18	287.03	
330	278.51	292.62	
335	282.52	296.83	
340	285.18	299.62	
345	286.44	300.95	
350	286.30	300.80	
355	284.76	299.18	

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