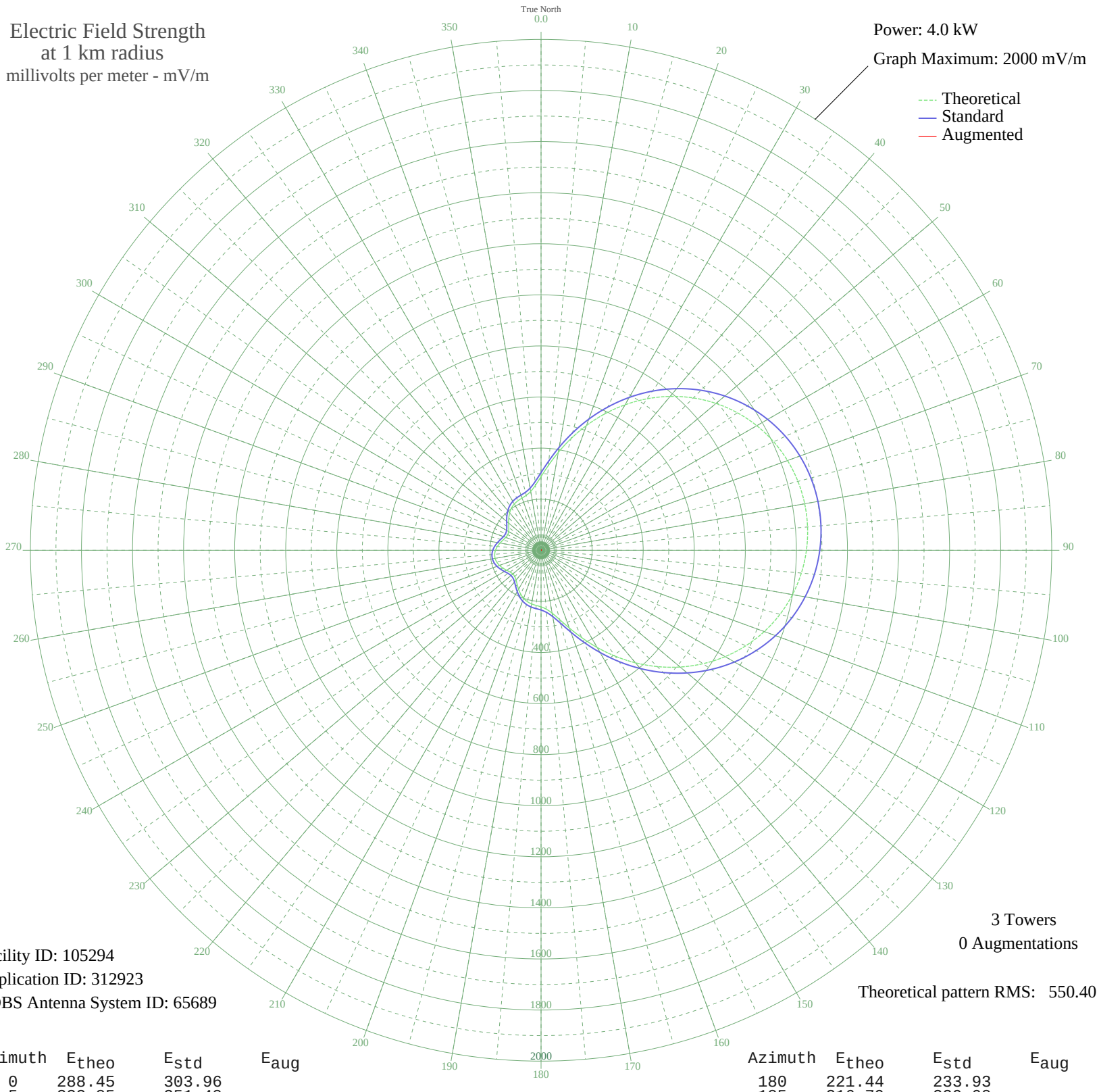
CJLS YARMOUTH, NS Canada -- 1340 kHz

Nighttime

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



Power: 4.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 105294
Application ID: 312923
CDBS Antenna System ID: 65689

Theoretical pattern RMS: 550.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	288.45	303.96	
5	333.85	351.48	
10	389.38	409.65	
15	452.26	475.57	
20	519.65	546.23	
25	588.88	618.85	
30	657.64	691.00	
35	723.99	760.63	
40	786.35	826.07	
45	843.47	886.02	
50	894.45	939.52	
55	938.64	985.91	
60	975.64	1024.74	
65	1005.20	1055.77	
70	1027.22	1078.88	
75	1041.64	1094.03	
80	1048.48	1101.20	
85	1047.72	1100.40	
90	1039.37	1091.64	
95	1023.42	1074.90	
100	999.89	1050.20	
105	968.83	1017.59	
110	930.37	977.23	
115	884.78	929.37	
120	832.51	874.52	
125	774.26	813.38	
130	711.00	746.99	
135	644.02	676.71	
140	575.00	604.29	
145	505.94	531.86	
150	439.24	461.91	
155	377.59	397.30	
160	323.88	341.05	
165	280.79	295.95	
170	249.98	263.74	
175	231.12	244.03	

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	221.44	233.93	
185	216.79	229.08	
190	213.23	225.36	
195	208.04	219.94	
200	199.95	211.51	
205	188.96	200.06	
210	176.07	186.65	
215	163.07	173.14	
220	152.17	161.83	
225	145.51	154.93	
230	144.33	153.71	
235	148.34	157.86	
240	155.91	165.71	
245	164.87	175.01	
250	173.22	183.69	
255	179.45	190.17	
260	182.61	193.46	
265	182.25	193.08	
270	178.43	189.10	
275	171.68	182.08	
280	163.07	173.14	
285	154.21	163.95	
290	147.18	156.67	
295	144.11	153.49	
300	146.42	155.88	
305	154.07	163.80	
310	165.58	175.74	
315	178.73	189.41	
320	191.35	202.55	
325	201.81	213.45	
330	209.29	221.25	
335	214.01	226.17	
340	217.53	229.84	
345	222.84	235.39	
350	234.04	247.08	
355	255.14	269.13	