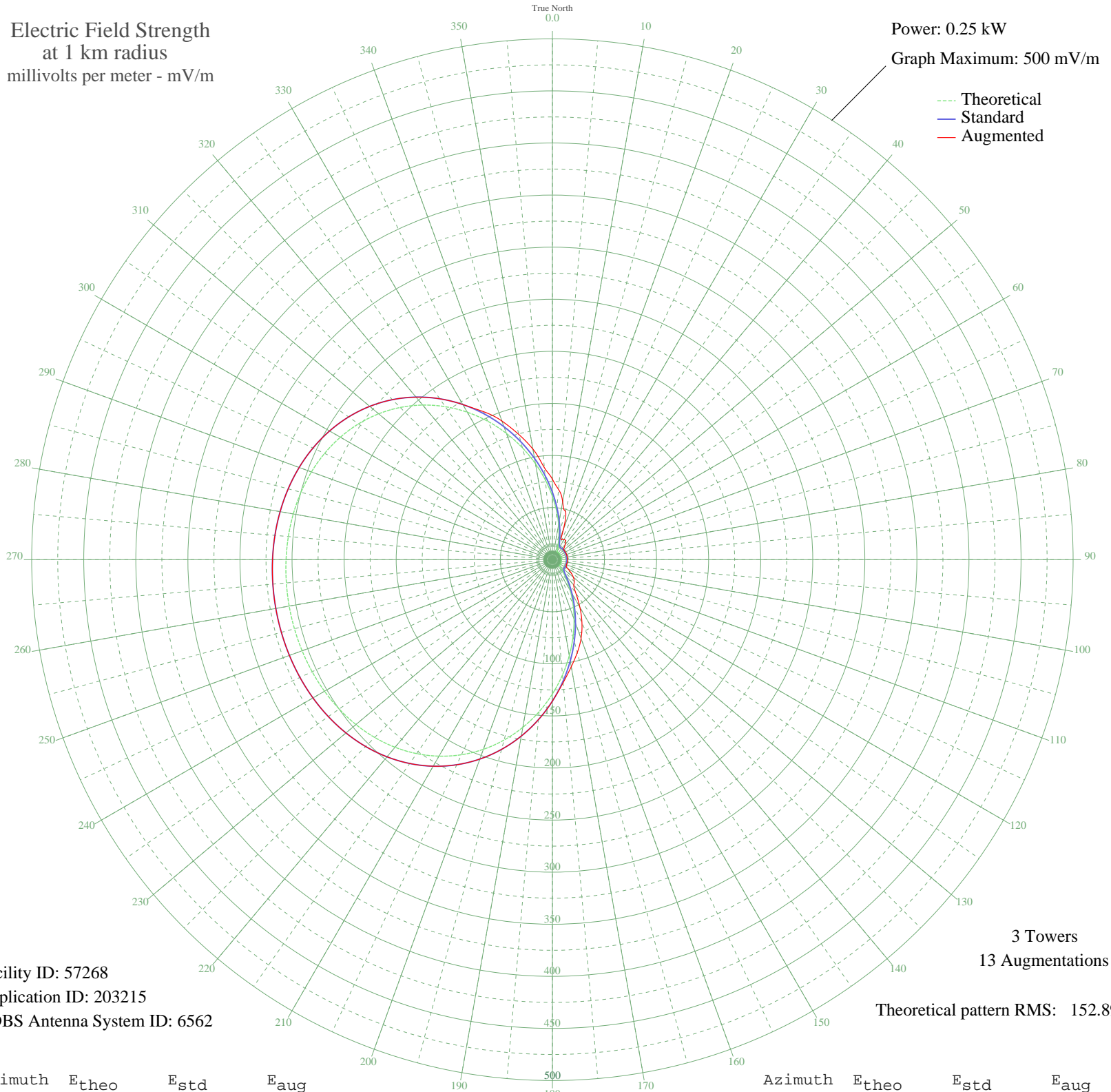


# WRHL ROCHELLE, IL BL-19941014AD 1060 kHz

Daytime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 57268  
Application ID: 203215  
CDBS Antenna System ID: 6562

3 Towers  
13 Augmentations  
Theoretical pattern RMS: 152.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	60.84	64.74	77.25
5	46.64	50.09	67.66
10	34.33	37.55	56.59
15	24.18	27.47	48.28
20	16.43	20.20	30.93
25	11.37	15.90	21.26
30	9.07	14.18	22.43
35	8.71	13.92	21.98
40	8.95	14.09	19.28
45	9.08	14.18	15.80
50	9.00	14.12	14.48
55	8.82	14.00	14.40
60	8.70	13.92	14.42
65	8.73	13.94	14.48
70	8.85	14.02	14.51
75	8.99	14.12	14.50
80	9.05	14.16	14.48
85	8.99	14.12	14.47
90	8.85	14.02	14.46
95	8.73	13.94	14.48
100	8.70	13.92	14.46
105	8.82	14.00	14.43
110	9.00	14.12	14.44
115	9.08	14.18	14.48
120	8.95	14.09	16.83
125	8.71	13.92	21.69
130	9.07	14.18	26.31
135	11.37	15.90	29.61
140	16.43	20.20	31.88
145	24.18	27.47	39.25
150	34.33	37.55	52.74
155	46.64	50.09	67.15
160	60.84	64.74	80.47
165	76.58	81.09	92.34
170	93.48	98.72	104.34
175	111.09	117.12	118.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	128.93	135.79	135.79
185	146.53	154.21	154.21
190	163.44	171.93	171.93
195	179.27	188.53	188.53
200	193.74	203.70	203.70
205	206.63	217.21	217.21
210	217.82	228.95	228.95
215	227.29	238.88	238.88
220	235.09	247.07	247.07
225	241.36	253.64	253.64
230	246.24	258.76	258.76
235	249.93	262.64	262.64
240	252.63	265.47	265.47
245	254.51	267.45	267.45
250	255.74	268.73	268.73
255	256.42	269.45	269.45
260	256.64	269.68	269.68
265	256.42	269.45	269.45
270	255.74	268.73	268.73
275	254.51	267.45	267.45
280	252.63	265.47	265.47
285	249.93	262.64	262.64
290	246.24	258.76	258.76
295	241.35	253.64	253.64
300	235.09	247.07	247.07
305	227.29	238.88	238.88
310	217.82	228.95	228.95
315	206.63	217.21	217.21
320	193.74	203.70	203.70
325	179.27	188.53	188.53
330	163.44	171.93	171.93
335	146.53	154.21	156.81
340	128.93	135.79	141.62
345	111.09	117.12	124.37
350	93.48	98.72	107.83
355	76.58	81.09	88.61

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.

---

28 Sep 2008

---

Prepared by Audio Division, Media Bureau  
Federal Communications Commission