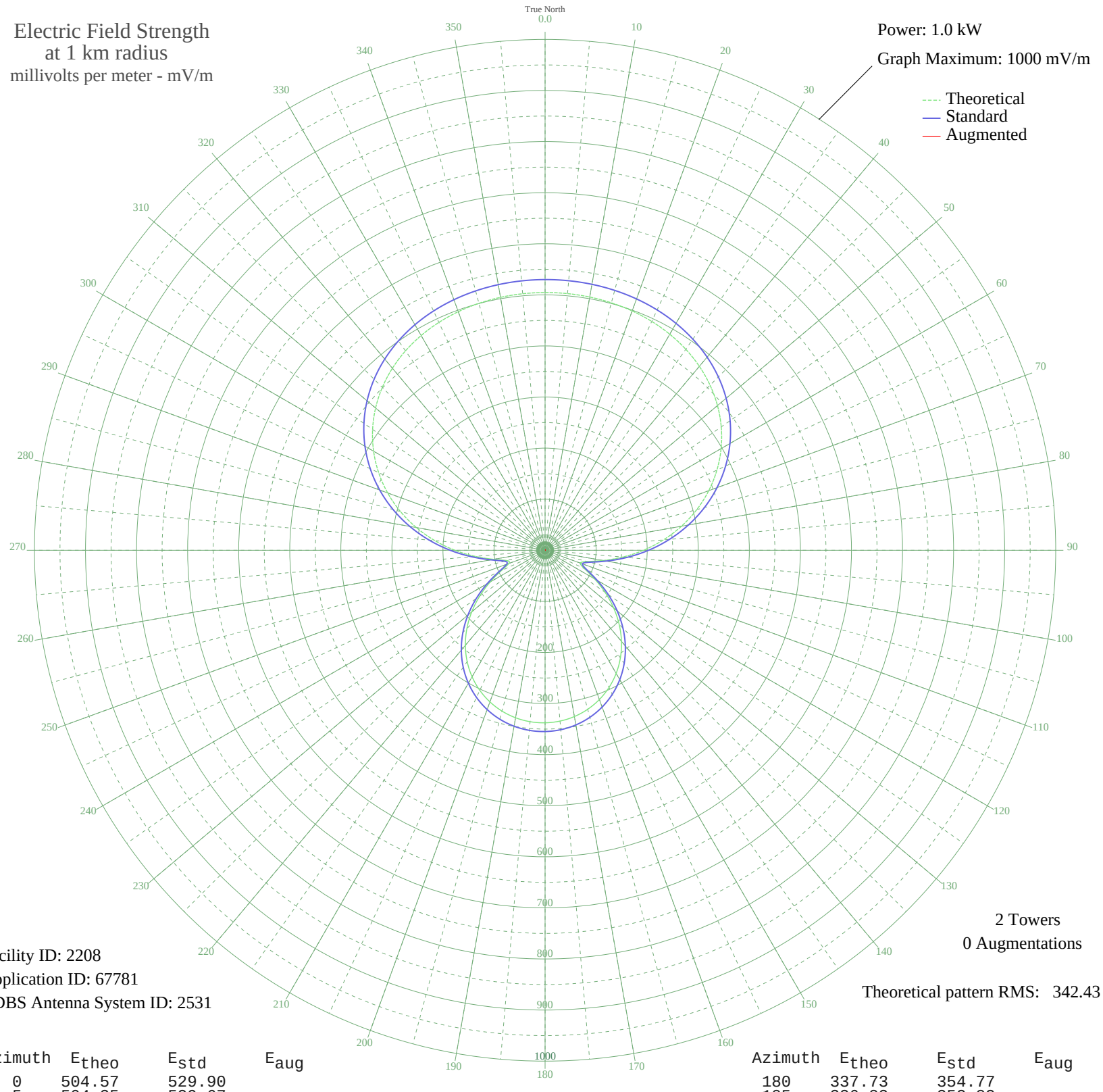
KERR POLSON, MT BL-19840320AB 750 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 2208
Application ID: 67781
CDBS Antenna System ID: 2531

Theoretical pattern RMS: 342.43

Azimuth	E_{theo}	E_{std}	E_{aug}
0	504.57	529.90	
5	504.35	529.67	
10	503.36	528.63	
15	501.49	526.67	
20	498.56	523.59	
25	494.28	519.10	
30	488.35	512.87	
35	480.40	504.53	
40	470.05	493.66	
45	456.93	479.90	
50	440.72	462.88	
55	421.15	442.33	
60	398.03	418.07	
65	371.32	390.02	
70	341.08	358.29	
75	307.57	323.12	
80	271.20	284.95	
85	232.60	244.46	
90	192.68	202.59	
95	152.82	160.80	
100	115.41	121.64	
105	85.54	90.43	
110	73.29	77.66	
115	85.17	90.05	
120	111.91	117.97	
125	143.41	150.95	
130	175.15	184.21	
135	205.21	215.72	
140	232.68	244.54	
145	257.14	270.20	
150	278.35	292.46	
155	296.26	311.25	
160	310.88	326.59	
165	322.26	338.54	
170	330.48	347.17	
175	335.62	352.56	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	337.73	354.77	
185	336.83	353.83	
190	332.91	349.71	
195	325.92	342.38	
200	315.81	331.77	
205	302.50	317.80	
210	285.91	300.39	
215	266.02	279.51	
220	242.84	255.20	
225	216.54	227.61	
230	187.44	197.09	
235	156.22	164.37	
240	124.28	130.92	
245	94.80	100.09	
250	75.40	79.86	
255	77.84	82.40	
260	102.12	107.74	
265	137.37	144.62	
270	176.63	185.76	
275	216.73	227.81	
280	255.98	268.99	
285	293.34	308.18	
290	328.05	344.61	
295	359.64	377.76	
300	387.78	407.30	
305	412.33	433.08	
310	433.31	455.10	
315	450.84	473.50	
320	465.15	488.52	
325	476.57	500.50	
330	485.43	509.81	
335	492.13	516.84	
340	497.03	521.98	
345	500.46	525.59	
350	502.73	527.97	
355	504.05	529.35	