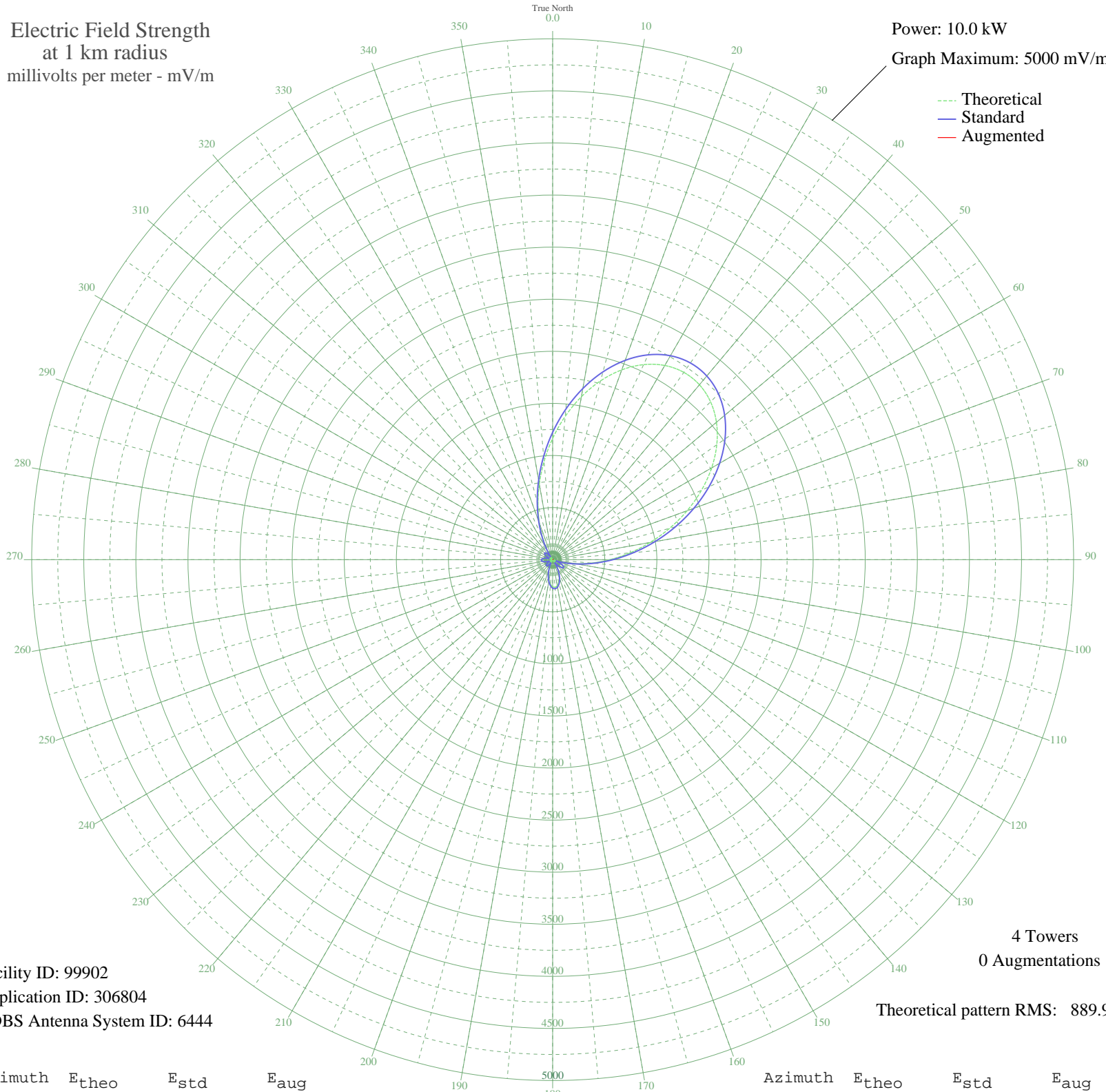


# CJNB NORTH BATTLEFORD, SK Canada -- 1050 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 99902  
Application ID: 306804  
CDBS Antenna System ID: 6444

4 Towers  
0 Augmentations

Theoretical pattern RMS: 889.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1163.92	1222.57	
5	1380.95	1450.38	
10	1588.45	1668.20	
15	1777.29	1866.45	
20	1938.92	2036.13	
25	2065.93	2169.48	
30	2152.57	2260.44	
35	2195.04	2305.03	
40	2191.72	2301.55	
45	2143.19	2250.60	
50	2052.12	2154.99	
55	1923.04	2019.46	
60	1761.97	1850.36	
65	1576.08	1655.21	
70	1373.22	1442.26	
75	1161.52	1220.05	
80	948.95	996.95	
85	742.95	780.80	
90	550.15	578.61	
95	376.11	396.31	
100	225.20	238.78	
105	100.47	110.59	
110	3.68	33.43	
115	64.68	75.59	
120	105.28	115.42	
125	119.92	130.22	
130	111.36	121.55	
135	83.22	93.48	
140	39.88	53.44	
145	13.74	36.20	
150	72.33	82.88	
155	130.47	140.96	
160	182.94	194.94	
165	225.07	238.65	
170	253.12	267.84	
175	264.62	279.83	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	258.66	273.61	
185	236.01	250.02	
190	199.11	211.68	
195	151.84	162.85	
200	99.13	109.26	
205	46.40	58.96	
210	1.10	33.22	
215	38.83	52.58	
220	63.55	74.54	
225	73.66	84.17	
230	69.32	80.00	
235	52.35	64.21	
240	25.97	42.97	
245	5.67	33.73	
250	38.05	51.95	
255	66.79	77.59	
260	88.18	98.36	
265	99.52	109.64	
270	99.38	109.50	
275	87.69	97.87	
280	65.70	76.56	
285	35.85	50.19	
290	1.58	33.25	
295	32.95	47.95	
300	63.08	74.09	
305	83.90	94.15	
310	90.56	100.72	
315	78.46	88.83	
320	43.56	56.52	
325	17.40	37.90	
330	106.57	116.72	
335	224.75	238.32	
340	371.21	391.18	
345	543.44	571.58	
350	737.19	774.76	
355	946.50	994.38	