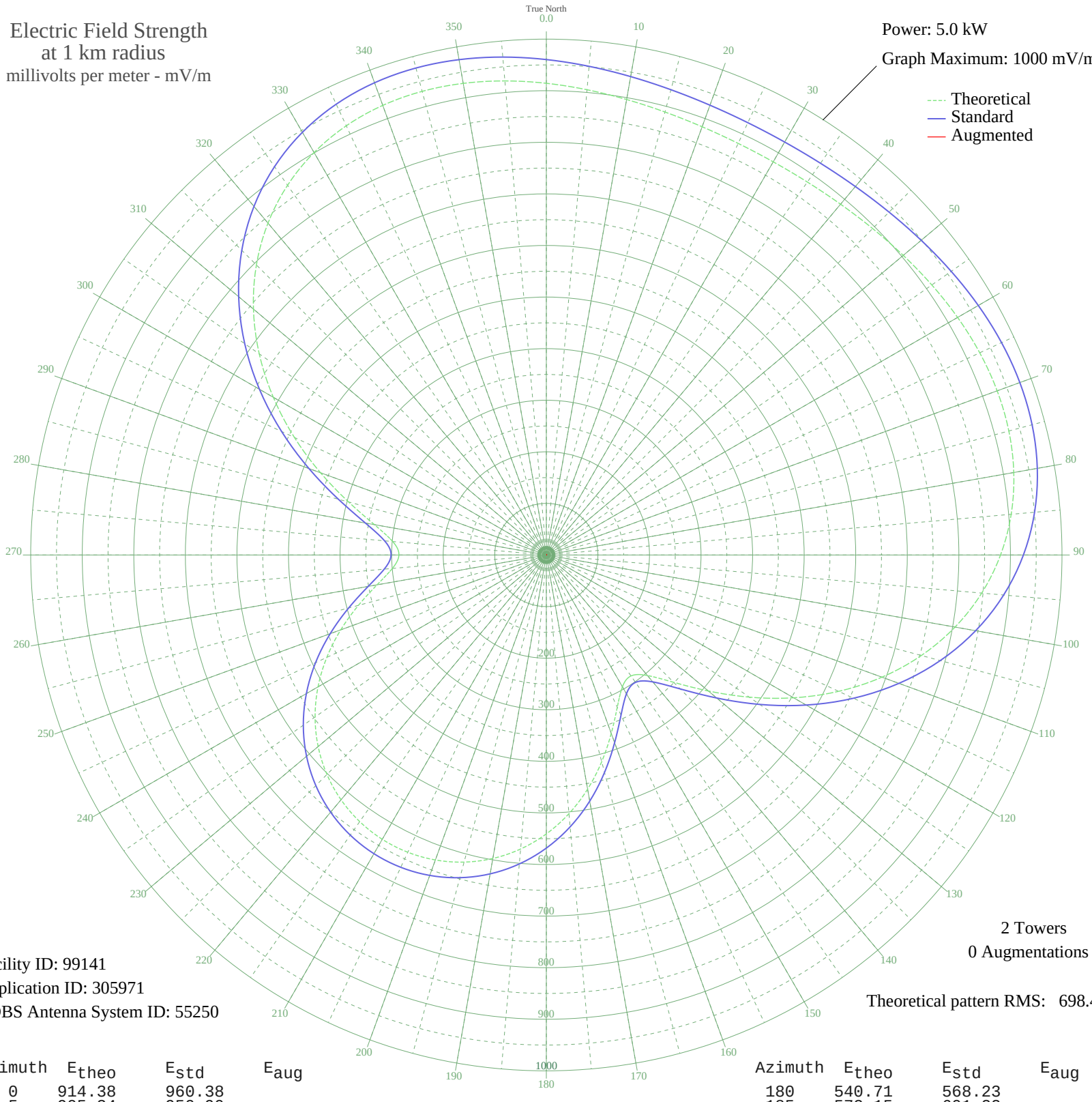
CJME REGINA, SK Canada -- 980 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 99141
Application ID: 305971
CDBS Antenna System ID: 55250

Theoretical pattern RMS: 698.46

Azimuth	E_{theo}	E_{std}	E_{aug}
0	914.38	960.38	
5	905.34	950.90	
10	896.55	941.67	
15	888.97	933.72	
20	883.39	927.86	
25	880.32	924.63	
30	880.03	924.33	
35	882.56	926.99	
40	887.68	932.36	
45	894.91	939.94	
50	903.53	948.99	
55	912.60	958.52	
60	920.99	967.33	
65	927.39	974.05	
70	930.40	977.20	
75	928.57	975.28	
80	920.50	966.81	
85	904.93	950.47	
90	880.85	925.19	
95	847.57	890.26	
100	804.83	845.40	
105	752.91	790.90	
110	692.63	727.64	
115	625.48	657.17	
120	553.71	581.87	
125	480.48	505.05	
130	410.20	431.35	
135	349.01	367.21	
140	305.01	321.12	
145	286.21	301.43	
150	295.06	310.70	
155	325.55	342.63	
160	368.09	387.21	
165	414.87	436.25	
170	460.91	484.53	
175	503.37	529.06	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	540.71	568.23	
185	572.15	601.22	
190	597.40	627.71	
195	616.38	647.63	
200	629.16	661.04	
205	635.83	668.03	
210	636.43	668.66	
215	630.98	662.95	
220	619.43	650.83	
225	601.69	632.21	
230	577.70	607.04	
235	547.48	575.33	
240	511.28	537.36	
245	469.75	493.80	
250	424.25	446.08	
255	377.31	396.87	
260	333.39	350.84	
265	299.73	315.59	
270	285.85	301.06	
275	299.03	314.86	
280	338.55	356.26	
285	397.00	417.51	
290	466.02	489.89	
295	539.07	566.51	
300	611.41	642.41	
305	679.69	714.06	
310	741.48	778.91	
315	795.17	835.26	
320	839.78	882.08	
325	874.94	918.99	
330	900.83	946.16	
335	918.02	964.21	
340	927.50	974.15	
345	930.47	977.27	
350	928.31	975.01	
355	922.48	968.88	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission