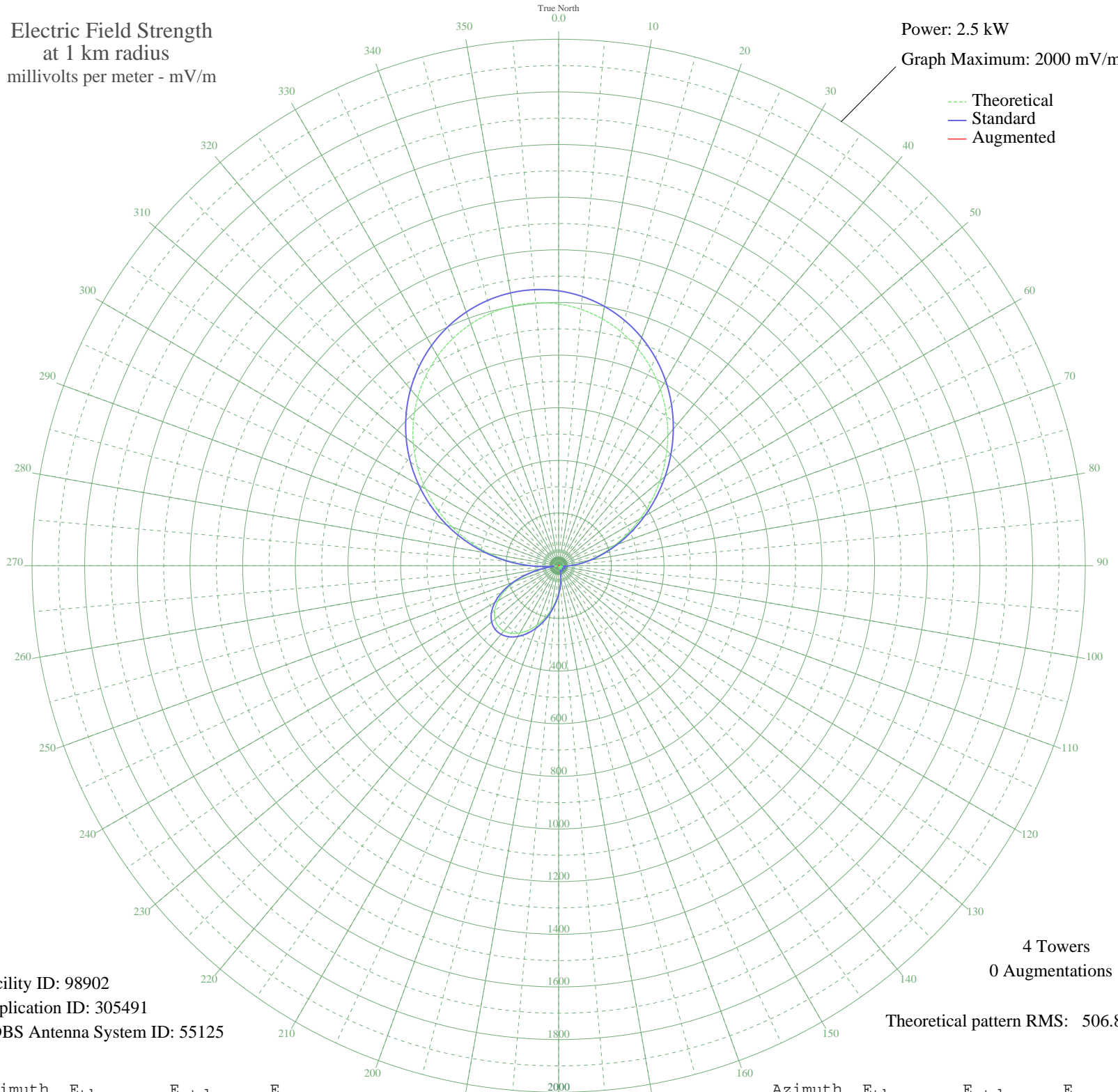


NEW WEYBURN, SK Canada -- 840 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 98902
Application ID: 305491
CDBS Antenna System ID: 55125

4 Towers
0 Augmentations

Theoretical pattern RMS: 506.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	994.34	1044.18	
5	977.72	1026.74	
10	952.64	1000.41	
15	919.25	965.35	
20	877.86	921.90	
25	828.95	870.56	
30	773.20	812.03	
35	711.49	747.25	
40	644.90	677.35	
45	574.75	603.72	
50	502.50	527.88	
55	429.76	451.55	
60	358.22	376.49	
65	289.56	304.49	
70	225.39	237.24	
75	167.14	176.28	
80	115.99	122.92	
85	72.81	78.23	
90	38.09	43.30	
95	11.93	20.80	
100	5.98	17.75	
105	16.30	23.84	
110	20.05	26.81	
115	18.48	25.54	
120	13.05	21.53	
125	5.32	17.52	
130	3.14	16.93	
135	10.83	20.12	
140	16.35	23.88	
145	18.52	25.57	
150	16.40	23.92	
155	9.31	19.27	
160	3.11	16.92	
165	20.92	27.53	
170	43.86	48.96	
175	71.39	76.77	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	102.65	109.05	
185	136.56	144.34	
190	171.79	181.14	
195	206.87	217.85	
200	240.21	252.76	
205	270.13	284.12	
210	295.01	310.20	
215	313.29	329.37	
220	323.57	340.16	
225	324.70	341.34	
230	315.81	332.01	
235	296.37	311.63	
240	266.23	280.03	
245	225.62	237.49	
250	175.17	184.67	
255	115.80	122.72	
260	48.74	53.80	
265	24.57	30.68	
270	102.58	108.98	
275	183.67	193.57	
280	266.27	280.07	
285	348.87	366.69	
290	430.11	451.92	
295	508.79	534.48	
300	583.87	613.29	
305	654.50	687.42	
310	719.95	756.13	
315	779.63	818.78	
320	833.06	874.87	
325	879.81	923.95	
330	919.52	965.64	
335	951.89	999.62	
340	976.60	1025.57	
345	993.41	1043.22	
350	1002.09	1052.32	
355	1002.44	1052.69	