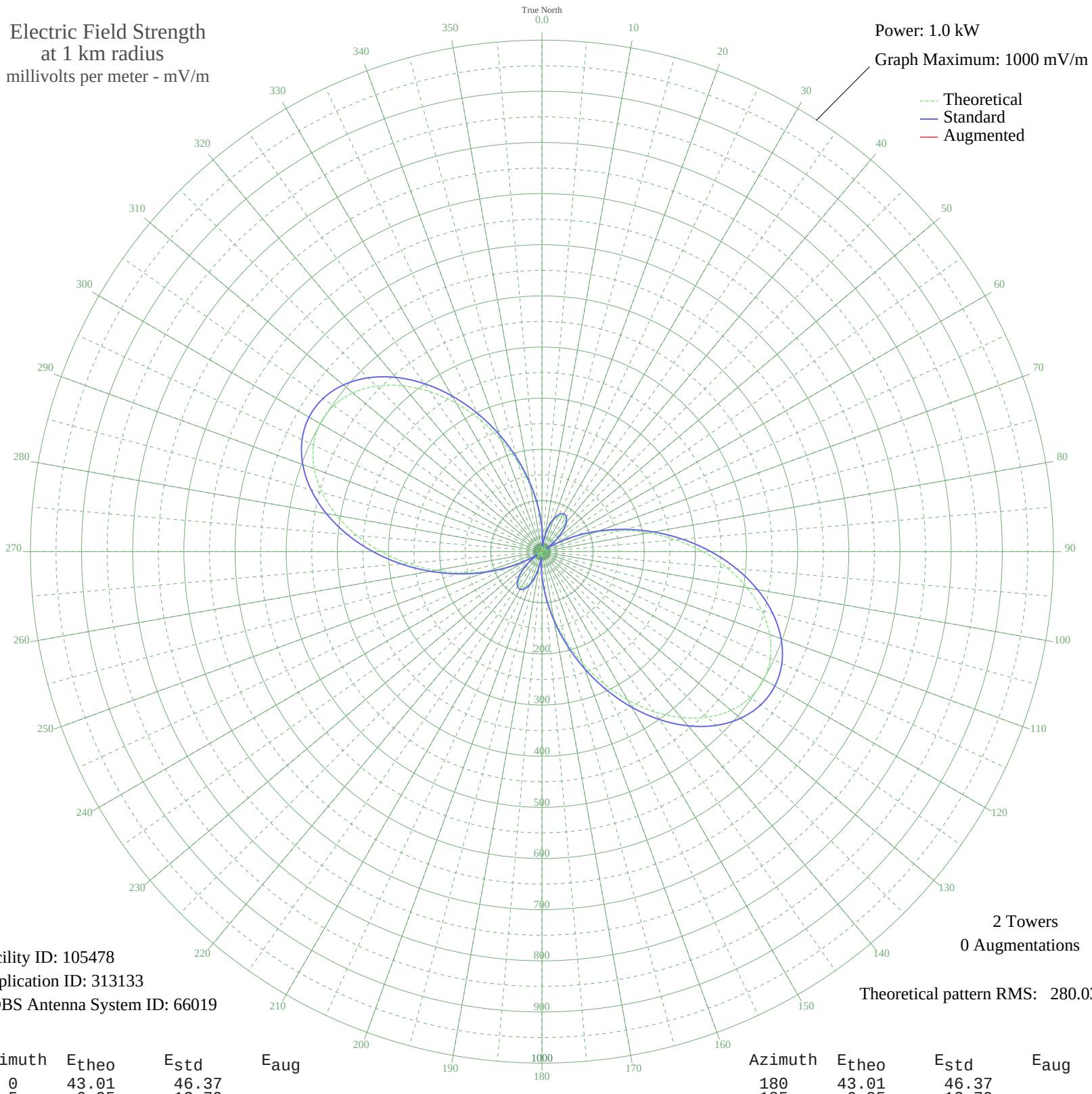
CHRO PEMBROKE, ON Canada -- 1350 kHz

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: 105478
Application ID: 313133
CDBS Antenna System ID: 66019

Theoretical pattern RMS: 280.03

Azimuth	E_{theo}	E_{std}	E_{aug}
0	43.01	46.37	
5	6.95	12.79	
10	23.23	26.55	
15	47.19	50.64	
20	64.74	68.79	
25	75.82	80.30	
30	80.39	85.06	
35	78.43	83.02	
40	69.96	74.20	
45	54.98	58.68	
50	33.57	36.78	
55	5.85	12.17	
60	27.91	31.13	
65	67.27	71.41	
70	111.56	117.60	
75	159.81	168.13	
80	210.79	221.58	
85	262.93	276.28	
90	314.43	330.32	
95	363.30	381.61	
100	407.45	427.95	
105	444.89	467.25	
110	473.79	497.60	
115	492.72	517.46	
120	500.68	525.82	
125	497.26	522.22	
130	482.63	506.87	
135	457.56	480.56	
140	423.34	444.63	
145	381.64	400.86	
150	334.41	351.29	
155	283.72	298.09	
160	231.60	243.41	
165	179.96	189.25	
170	130.45	137.37	
175	84.44	89.28	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	43.01	46.37	
185	6.95	12.79	
190	23.23	26.55	
195	47.19	50.64	
200	64.74	68.79	
205	75.82	80.30	
210	80.39	85.06	
215	78.43	83.02	
220	69.96	74.20	
225	54.98	58.68	
230	33.57	36.78	
235	5.85	12.17	
240	27.91	31.13	
245	67.27	71.41	
250	111.56	117.60	
255	159.82	168.13	
260	210.79	221.58	
265	262.93	276.28	
270	314.43	330.32	
275	363.30	381.61	
280	407.45	427.95	
285	444.89	467.25	
290	473.80	497.60	
295	492.72	517.46	
300	500.68	525.82	
305	497.26	522.22	
310	482.63	506.87	
315	457.56	480.56	
320	423.34	444.63	
325	381.64	400.86	
330	334.41	351.29	
335	283.72	298.09	
340	231.60	243.41	
345	179.96	189.25	
350	130.45	137.37	
355	84.44	89.28	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission