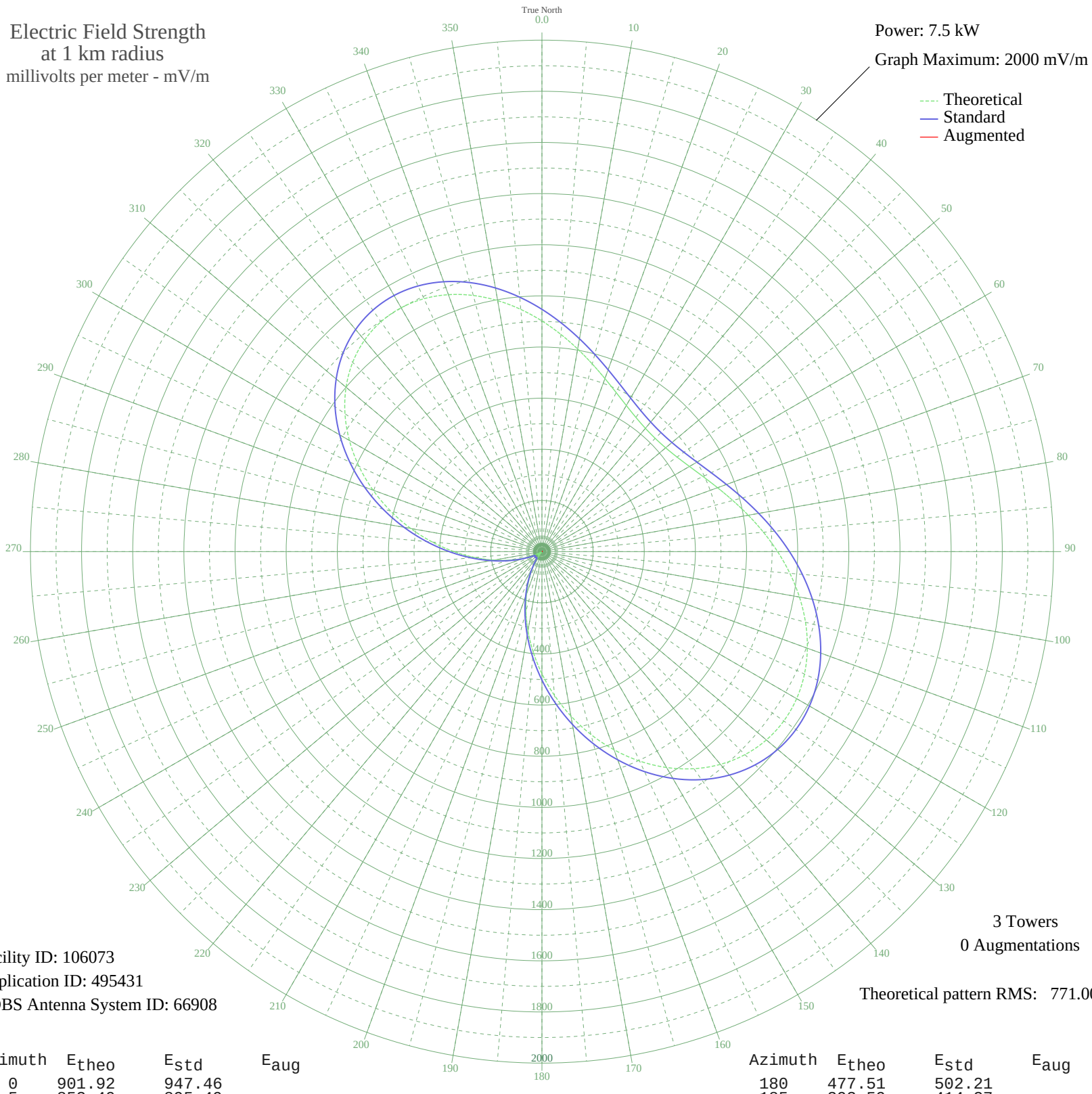
CFOS OWEN SOUND, ON Canada -- 560 kHz

Daytime

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



Power: 7.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 106073
Application ID: 495431
CDBS Antenna System ID: 66908

Theoretical pattern RMS: 771.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	901.92	947.46	
5	852.40	895.49	
10	804.41	845.12	
15	759.80	798.31	
20	720.11	756.66	
25	686.49	721.39	
30	659.81	693.39	
35	640.65	673.29	
40	629.40	661.50	
45	626.31	658.25	
50	631.45	663.65	
55	644.78	677.63	
60	666.07	699.96	
65	694.92	730.23	
70	730.71	767.78	
75	772.55	811.69	
80	819.30	860.74	
85	869.51	913.43	
90	921.45	967.95	
95	973.13	1022.20	
100	1022.39	1073.89	
105	1066.90	1120.62	
110	1104.39	1159.97	
115	1132.69	1189.68	
120	1149.91	1207.74	
125	1154.53	1212.60	
130	1145.58	1203.20	
135	1122.63	1179.11	
140	1085.90	1140.55	
145	1036.18	1088.36	
150	974.82	1023.96	
155	903.61	949.23	
160	824.68	866.39	
165	740.31	777.86	
170	652.85	686.10	
175	564.55	593.48	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	477.51	502.21	
185	393.59	414.27	
190	314.40	331.37	
195	241.31	255.00	
200	175.47	186.47	
205	117.85	127.04	
210	69.29	78.23	
215	30.53	43.06	
220	2.69	28.89	
225	15.31	32.94	
230	21.22	36.37	
235	15.50	33.04	
240	5.19	29.27	
245	33.17	45.17	
250	74.69	83.53	
255	127.57	137.00	
260	190.91	202.50	
265	263.56	278.22	
270	344.02	362.36	
275	430.45	452.89	
280	520.71	547.50	
285	612.37	643.63	
290	702.81	738.51	
295	789.34	829.30	
300	869.29	913.20	
305	940.18	987.60	
310	999.84	1050.23	
315	1046.59	1099.29	
320	1079.26	1133.59	
325	1097.37	1152.60	
330	1101.08	1156.49	
335	1091.21	1146.13	
340	1069.18	1123.01	
345	1036.90	1089.13	
350	996.62	1046.85	
355	950.79	998.75	

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.

05 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission