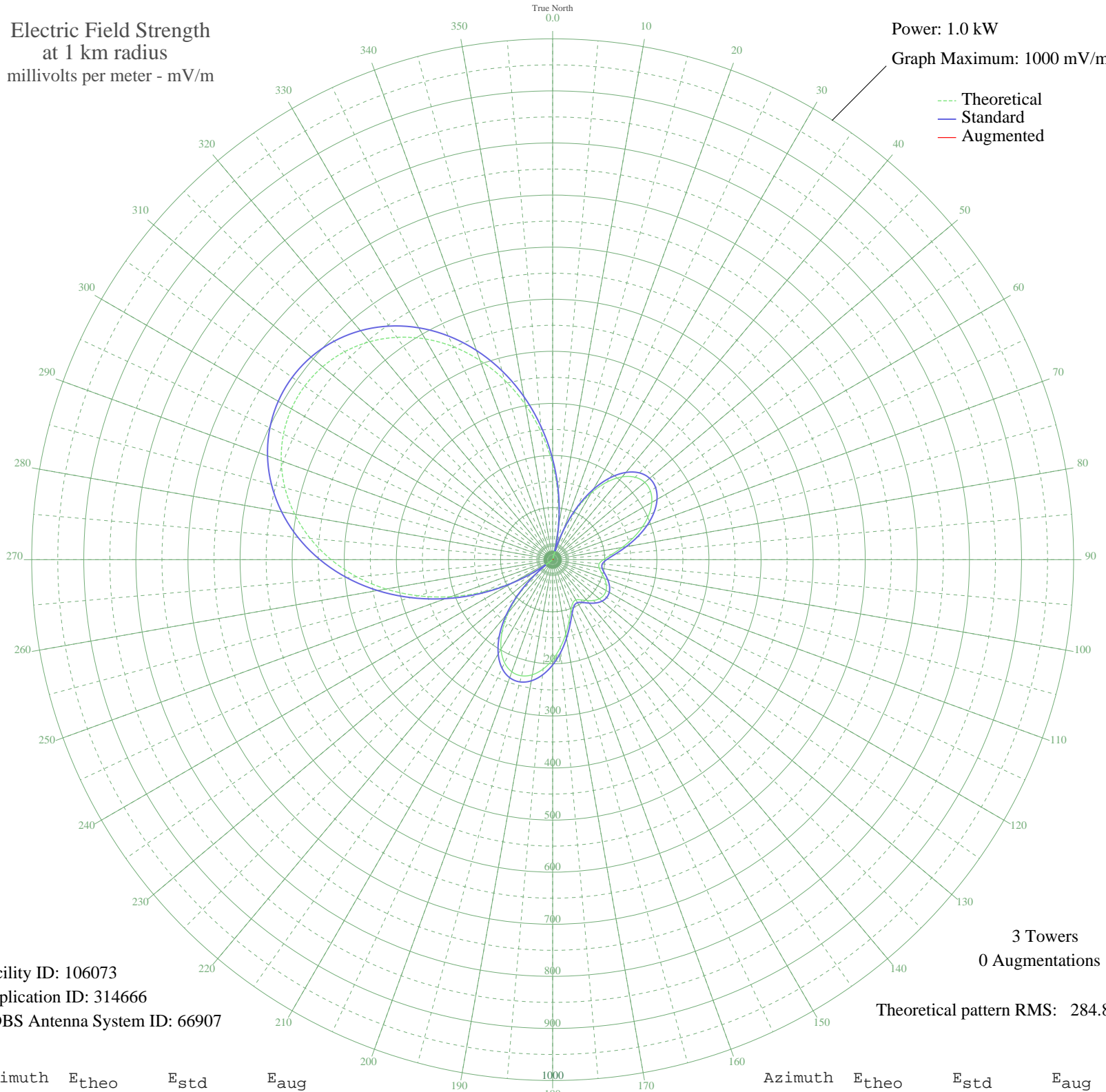


# CFOS OWEN SOUND, ON Canada -- 560 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 106073  
Application ID: 314666  
CDBS Antenna System ID: 66907

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 284.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	183.12	193.01	
5	121.15	128.30	
10	59.68	64.88	
15	0.45	16.78	
20	54.86	60.00	
25	104.60	111.10	
30	147.33	155.60	
35	181.90	191.73	
40	207.51	218.54	
45	223.81	235.60	
50	230.86	242.99	
55	229.19	241.24	
60	219.74	231.34	
65	203.82	214.66	
70	183.07	192.96	
75	159.48	168.30	
80	135.39	143.15	
85	113.62	120.48	
90	97.43	103.67	
95	89.65	95.62	
100	90.60	96.59	
105	97.34	103.58	
110	105.98	112.54	
115	113.58	120.43	
120	118.37	125.42	
125	119.53	126.62	
130	116.86	123.85	
135	110.80	117.54	
140	102.52	108.94	
145	94.21	100.33	
150	89.31	95.26	
155	91.65	97.69	
160	103.02	109.47	
165	121.85	129.04	
170	144.92	153.09	
175	169.12	178.37	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	191.83	202.12	
185	210.86	222.04	
190	224.38	236.20	
195	230.86	242.98	
200	229.13	241.17	
205	218.42	229.95	
210	198.38	208.97	
215	169.11	178.36	
220	131.16	138.74	
225	85.47	91.30	
230	33.32	38.80	
235	23.76	30.07	
240	84.10	89.88	
245	145.97	154.18	
250	207.69	218.72	
255	267.72	281.60	
260	324.69	341.34	
265	377.47	396.70	
270	425.17	446.74	
275	467.10	490.74	
280	502.81	528.21	
285	531.98	558.83	
290	554.46	582.42	
295	570.15	598.89	
300	579.03	608.21	
305	581.07	610.36	
310	576.29	605.34	
315	564.69	593.16	
320	546.28	573.84	
325	521.11	547.42	
330	489.29	514.03	
335	451.05	473.90	
340	406.75	427.42	
345	356.93	375.15	
350	302.34	317.90	
355	244.00	256.75	

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.

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10 Nov 2011

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission