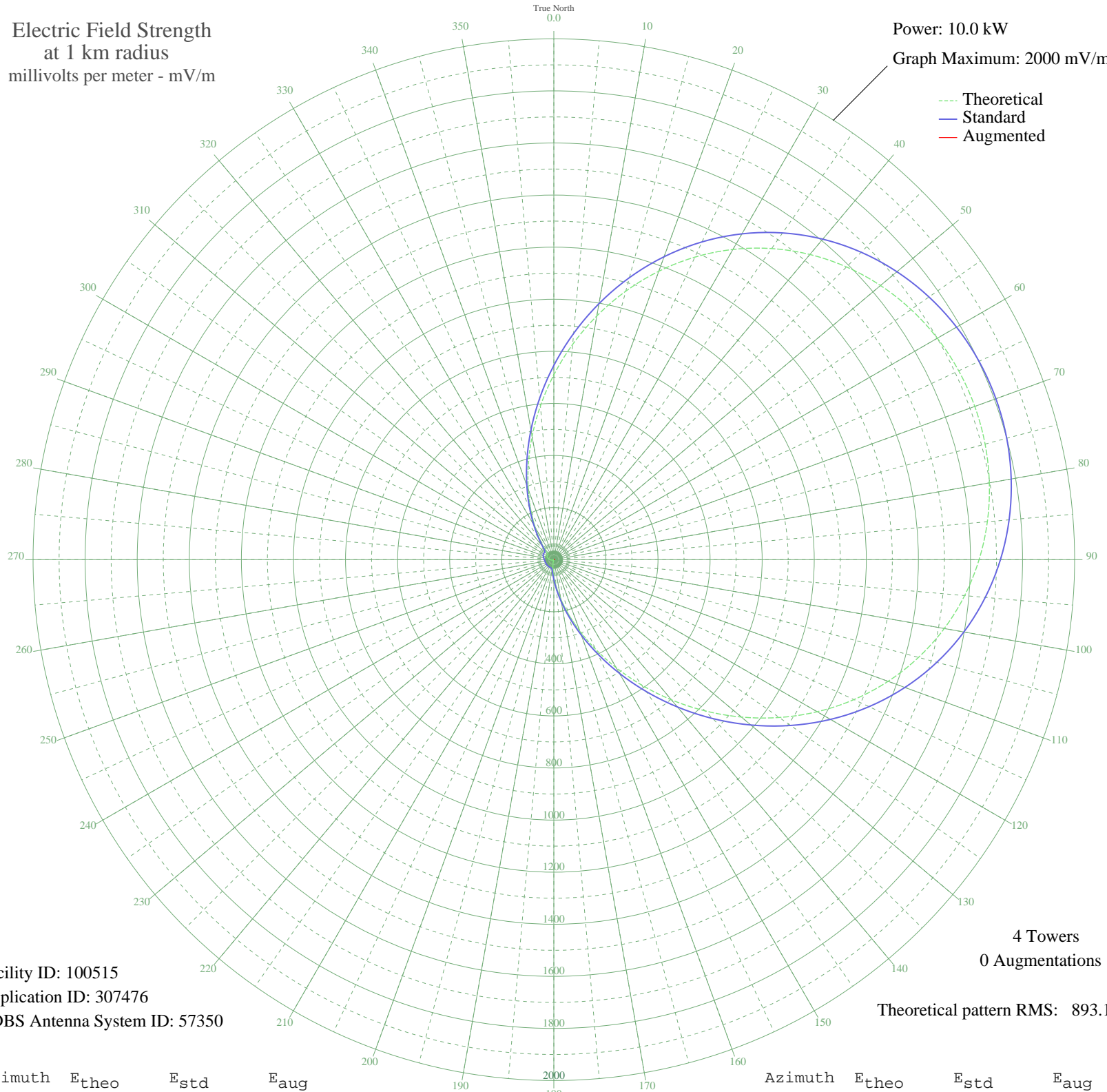


CKTY SARNIA, ON Canada -- 1110 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 100515
Application ID: 307476
CDBS Antenna System ID: 57350

4 Towers
0 Augmentations
Theoretical pattern RMS: 893.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	709.57	745.78	
5	829.95	872.08	
10	950.17	998.23	
15	1067.24	1121.10	
20	1178.52	1237.89	
25	1281.80	1346.30	
30	1375.44	1444.59	
35	1458.30	1531.57	
40	1529.74	1606.57	
45	1589.54	1669.35	
50	1637.76	1719.97	
55	1674.65	1758.69	
60	1700.53	1785.87	
65	1715.70	1801.79	
70	1720.36	1806.68	
75	1714.58	1800.61	
80	1698.27	1783.49	
85	1671.20	1755.08	
90	1633.09	1715.06	
95	1583.61	1663.13	
100	1522.57	1599.04	
105	1449.94	1522.80	
110	1366.05	1434.74	
115	1271.62	1335.62	
120	1167.90	1226.74	
125	1056.65	1109.98	
130	940.15	987.71	
135	821.11	862.80	
140	702.52	738.40	
145	587.49	617.75	
150	478.96	504.00	
155	379.54	399.90	
160	291.30	307.66	
165	215.57	228.78	
170	152.96	164.00	
175	103.26	113.40	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	65.61	76.48	
185	38.60	52.40	
190	20.48	39.56	
195	9.32	34.62	
200	3.25	33.38	
205	0.57	33.21	
210	0.15	33.20	
215	0.07	33.20	
220	0.37	33.21	
225	0.42	33.21	
230	0.04	33.20	
235	0.90	33.22	
240	2.20	33.28	
245	3.78	33.44	
250	5.55	33.71	
255	7.45	34.11	
260	9.50	34.67	
265	11.75	35.42	
270	14.30	36.44	
275	17.21	37.80	
280	20.47	39.56	
285	23.90	41.62	
290	27.10	43.73	
295	29.46	45.38	
300	30.26	45.95	
305	29.25	45.23	
310	28.42	44.64	
315	35.03	49.55	
320	56.27	67.78	
325	92.61	102.75	
330	143.32	154.10	
335	208.19	221.11	
340	286.83	302.99	
345	378.25	398.55	
350	480.79	505.92	
355	592.16	622.65	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission