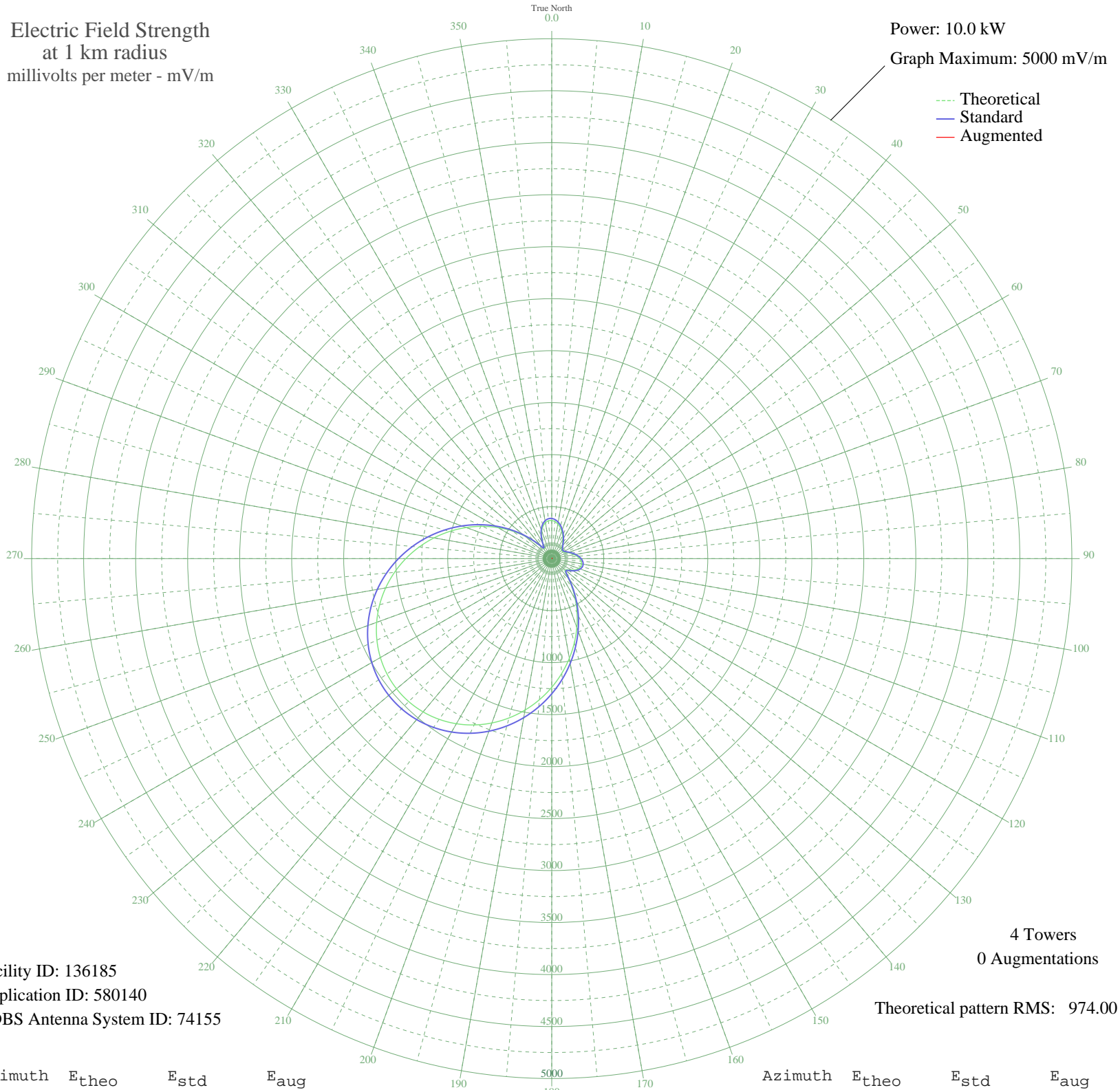


# XECAQ PUERTO MORELOS, QR Mexico -- 740 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 136185  
Application ID: 580140  
CDBS Antenna System ID: 74155

4 Towers  
0 Augmentations

Theoretical pattern RMS: 974.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	366.78	386.55	
5	357.01	376.33	
10	337.71	356.15	
15	311.14	328.38	
20	279.74	295.60	
25	246.03	260.46	
30	212.47	225.56	
35	181.38	193.33	
40	154.92	166.02	
45	135.08	145.67	
50	123.68	134.05	
55	121.90	132.24	
60	129.66	140.14	
65	145.54	156.38	
70	167.37	178.85	
75	192.84	205.18	
80	219.53	232.88	
85	245.02	259.40	
90	266.87	282.17	
95	282.73	298.72	
100	290.51	306.84	
105	288.52	304.76	
110	275.76	291.44	
115	252.32	267.01	
120	220.39	233.78	
125	186.67	198.80	
130	167.40	178.88	
135	186.24	198.35	
140	248.76	263.31	
145	341.28	359.88	
150	452.11	475.88	
155	574.60	604.24	
160	704.42	740.39	
165	838.31	880.86	
170	973.45	1022.67	
175	1107.32	1163.16	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1237.57	1299.87	
185	1362.06	1430.55	
190	1478.78	1553.08	
195	1585.88	1665.51	
200	1681.67	1766.06	
205	1764.61	1853.14	
210	1833.36	1925.32	
215	1886.79	1981.41	
220	1924.01	2020.48	
225	1944.37	2041.86	
230	1947.53	2045.17	
235	1933.41	2030.35	
240	1902.26	1997.65	
245	1854.58	1947.59	
250	1791.15	1881.00	
255	1712.98	1798.94	
260	1621.29	1702.68	
265	1517.47	1593.69	
270	1403.05	1473.58	
275	1279.71	1344.11	
280	1149.25	1207.17	
285	1013.60	1064.80	
290	874.82	919.16	
295	735.13	772.60	
300	596.94	627.67	
305	463.00	487.28	
310	336.74	355.13	
315	223.80	237.33	
320	138.56	149.23	
325	118.52	128.80	
330	164.78	176.18	
335	225.69	239.29	
340	280.01	295.88	
345	322.13	339.86	
350	350.49	369.51	
355	365.09	384.78	