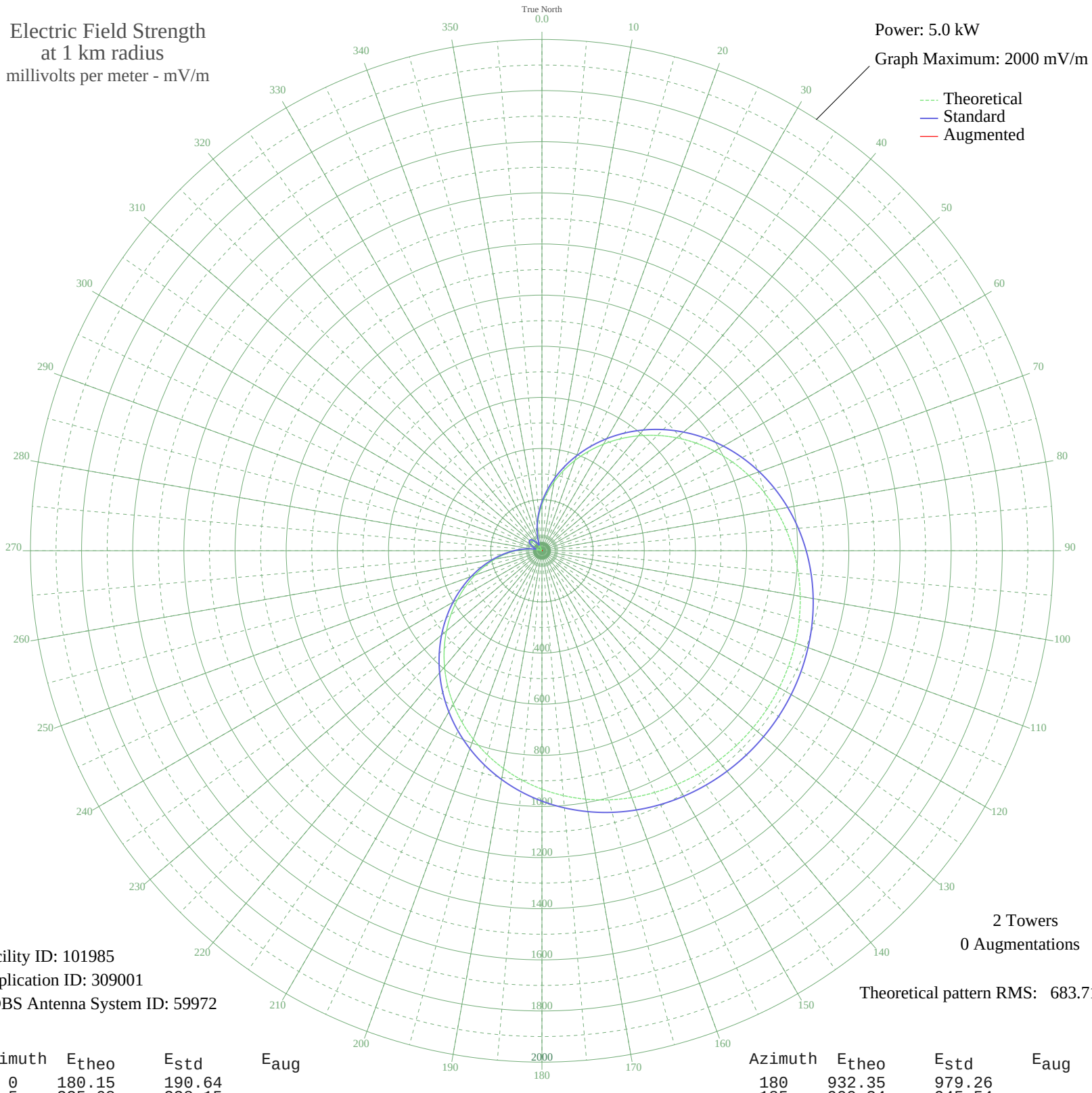
XEQO COSAMALOAPAN, VC Mexico -- 980 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 101985
Application ID: 309001
CDBS Antenna System ID: 59972

Theoretical pattern RMS: 683.71

Azimuth	E_{theo}	E_{std}	E_{aug}
0	180.15	190.64	
5	225.68	238.15	
10	273.78	288.45	
15	323.97	340.99	
20	375.69	395.19	
25	428.42	450.46	
30	481.57	506.20	
35	534.59	561.82	
40	586.94	616.74	
45	638.08	670.40	
50	687.54	722.30	
55	734.88	771.99	
60	779.73	819.06	
65	821.79	863.21	
70	860.81	904.16	
75	896.61	941.74	
80	929.08	975.82	
85	958.18	1006.37	
90	983.90	1033.37	
95	1006.29	1056.87	
100	1025.42	1076.96	
105	1041.39	1093.72	
110	1054.29	1107.26	
115	1064.24	1117.70	
120	1071.31	1125.13	
125	1075.58	1129.61	
130	1077.10	1131.20	
135	1075.87	1129.92	
140	1071.90	1125.74	
145	1065.13	1118.64	
150	1055.50	1108.52	
155	1042.91	1095.32	
160	1027.28	1078.90	
165	1008.49	1059.18	
170	986.45	1036.05	
175	961.09	1009.42	
180	932.35	979.26	
185	900.24	945.54	
190	864.79	908.33	
195	826.11	867.74	
200	784.36	823.92	
205	739.80	777.15	
210	692.70	727.72	
215	643.45	676.04	
220	592.46	622.54	
225	540.23	567.73	
230	487.25	512.16	
235	434.08	456.40	
240	381.29	401.05	
245	329.43	346.71	
250	279.05	293.96	
255	230.70	243.40	
260	184.88	195.57	
265	142.04	151.02	
270	102.62	110.33	
275	66.97	74.21	
280	35.42	44.11	
285	8.25	25.24	
290	14.32	28.07	
295	32.12	41.23	
300	45.01	52.87	
305	52.89	60.38	
310	55.70	63.11	
315	53.43	60.90	
320	46.09	53.89	
325	33.73	42.62	
330	16.46	29.33	
335	5.62	24.43	
340	32.31	41.38	
345	63.40	70.66	
350	98.62	106.23	
355	137.66	146.48	

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.

24 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission