

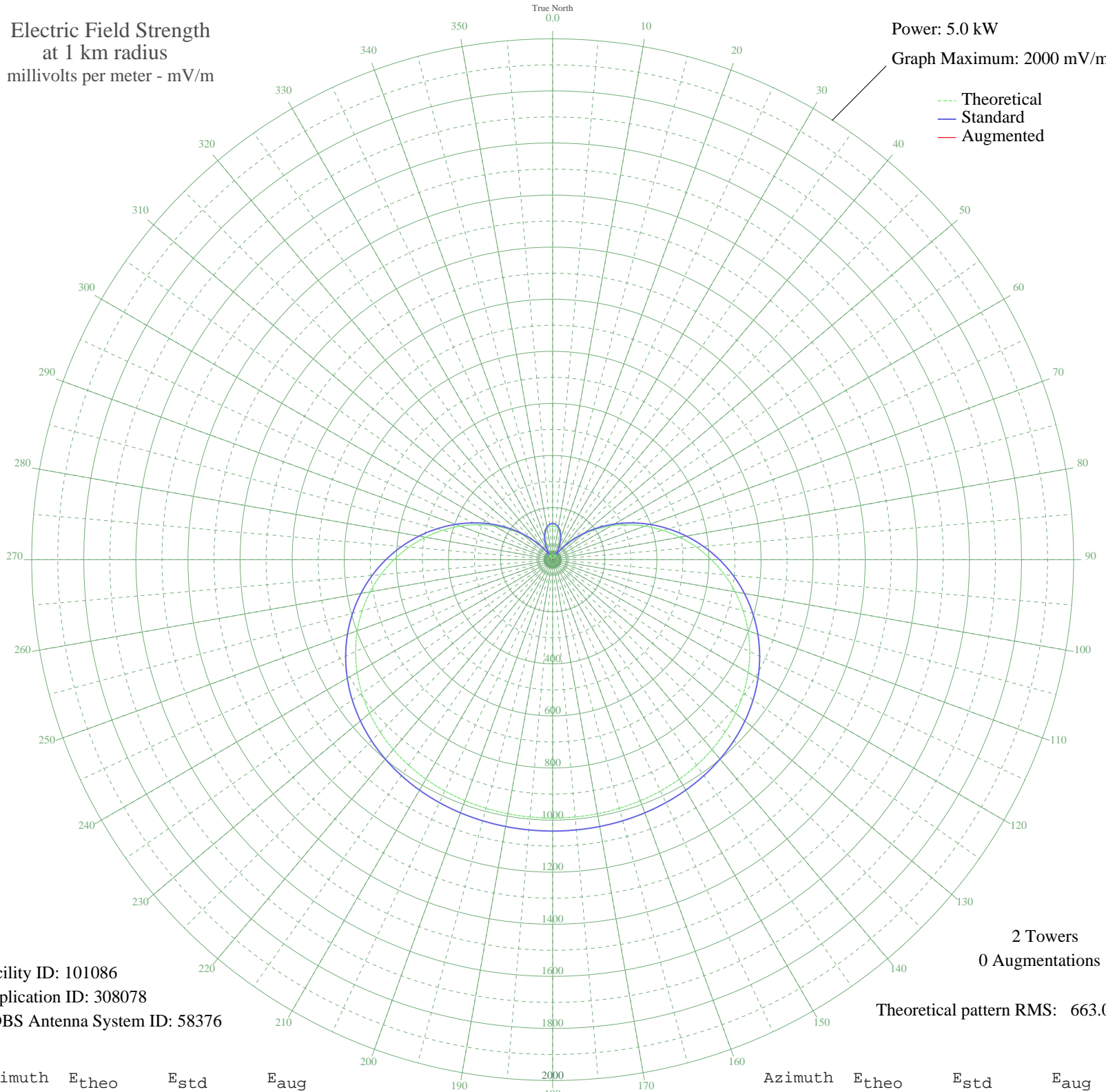
# XELG LEON, GT Mexico -- 680 kHz

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



Facility ID: 101086  
Application ID: 308078  
CDBS Antenna System ID: 58376

2 Towers  
0 Augmentations

Theoretical pattern RMS: 663.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	130.63	139.16	
5	127.67	136.09	
10	118.78	126.91	
15	104.03	111.73	
20	83.51	90.77	
25	57.33	64.61	
30	25.69	35.77	
35	11.15	26.23	
40	52.87	60.27	
45	99.06	106.63	
50	149.22	158.43	
55	202.77	214.19	
60	259.03	272.99	
65	317.27	333.96	
70	376.68	396.21	
75	436.42	458.84	
80	495.65	520.96	
85	553.52	581.67	
90	609.26	640.15	
95	662.14	695.64	
100	711.55	747.50	
105	757.01	795.20	
110	798.14	838.38	
115	834.74	876.79	
120	866.73	910.37	
125	894.19	939.19	
130	917.29	963.44	
135	936.33	983.43	
140	951.68	999.54	
145	963.77	1012.23	
150	973.05	1021.97	
155	979.96	1029.23	
160	984.96	1034.47	
165	988.40	1038.09	
170	990.62	1040.42	
175	991.86	1041.72	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	992.25	1042.13	
185	991.86	1041.72	
190	990.62	1040.42	
195	988.40	1038.09	
200	984.96	1034.47	
205	979.96	1029.23	
210	973.05	1021.97	
215	963.77	1012.23	
220	951.68	999.54	
225	936.33	983.43	
230	917.29	963.44	
235	894.19	939.19	
240	866.73	910.37	
245	834.74	876.79	
250	798.14	838.37	
255	757.01	795.20	
260	711.55	747.50	
265	662.14	695.64	
270	609.26	640.15	
275	553.52	581.67	
280	495.65	520.96	
285	436.42	458.84	
290	376.68	396.21	
295	317.27	333.96	
300	259.03	272.99	
305	202.76	214.19	
310	149.22	158.43	
315	99.06	106.63	
320	52.87	60.27	
325	11.15	26.23	
330	25.69	35.77	
335	57.33	64.61	
340	83.51	90.77	
345	104.04	111.73	
350	118.78	126.91	
355	127.67	136.09	