

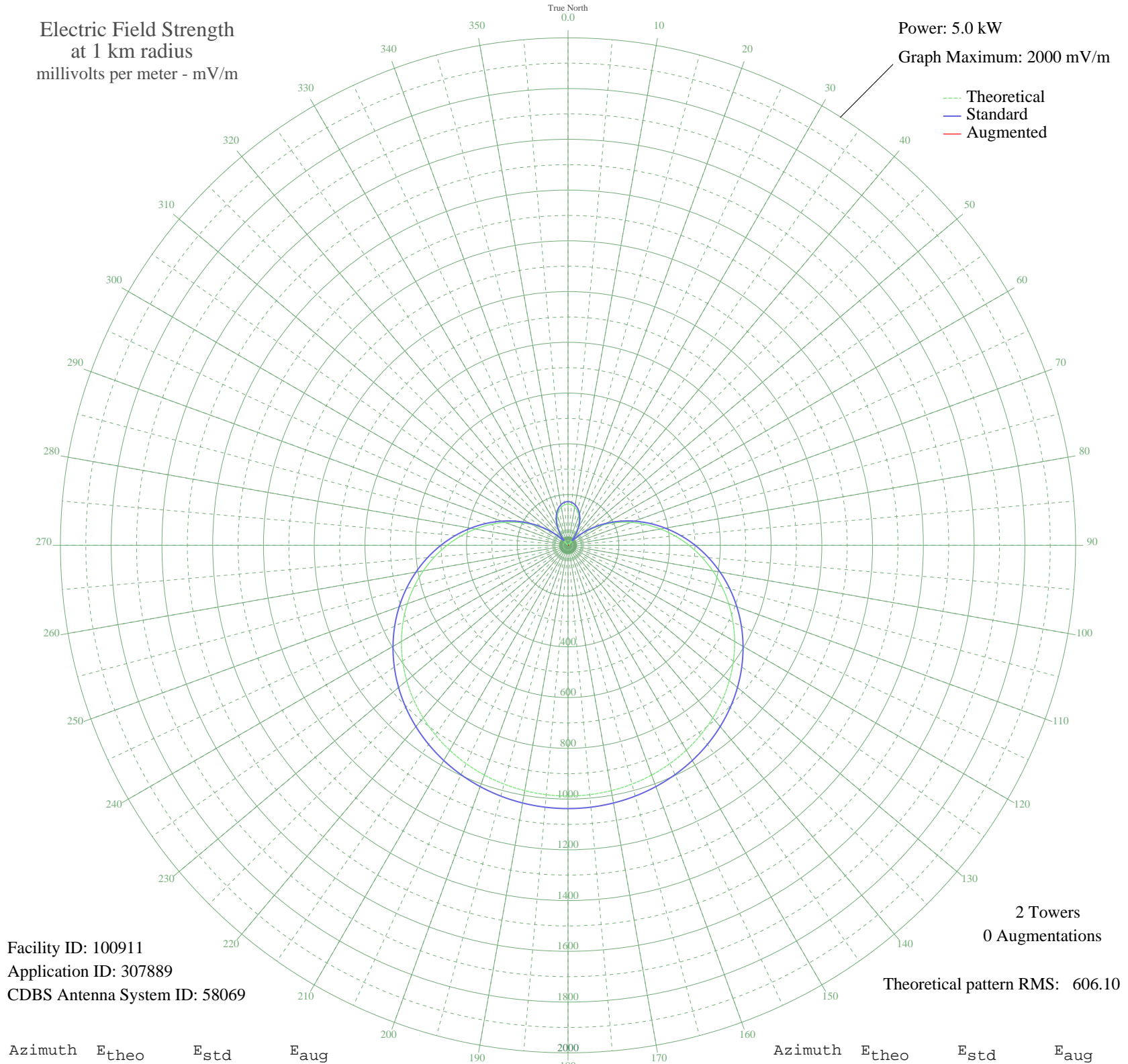
# XERJ MAZATLAN, SI Mexico -- 600 kHz

Daytime

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: 100911  
Application ID: 307889  
CDBS Antenna System ID: 58069

2 Towers  
0 Augmentations

Theoretical pattern RMS: 606.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	162.53	172.26	
5	160.07	169.70	
10	152.70	162.05	
15	140.48	149.36	
20	123.47	131.75	
25	101.80	109.43	
30	75.60	82.78	
35	45.08	52.83	
40	10.46	25.92	
45	27.96	37.59	
50	69.86	77.02	
55	114.86	122.87	
60	162.53	172.26	
65	212.40	224.25	
70	263.97	278.17	
75	316.72	333.38	
80	370.09	389.30	
85	423.54	445.33	
90	476.51	500.89	
95	528.50	555.42	
100	579.00	608.40	
105	627.56	659.36	
110	673.81	707.89	
115	717.38	753.62	
120	758.02	796.27	
125	795.51	835.61	
130	829.69	871.49	
135	860.48	903.81	
140	887.84	932.53	
145	911.77	957.65	
150	932.31	979.21	
155	949.51	997.26	
160	963.45	1011.89	
165	974.19	1023.17	
170	981.81	1031.17	
175	986.36	1035.94	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	987.87	1037.53	
185	986.36	1035.94	
190	981.81	1031.17	
195	974.19	1023.17	
200	963.45	1011.89	
205	949.51	997.26	
210	932.31	979.21	
215	911.77	957.65	
220	887.84	932.53	
225	860.48	903.81	
230	829.69	871.49	
235	795.51	835.61	
240	758.02	796.27	
245	717.38	753.62	
250	673.81	707.89	
255	627.56	659.36	
260	579.00	608.40	
265	528.49	555.42	
270	476.51	500.89	
275	423.53	445.33	
280	370.09	389.30	
285	316.72	333.38	
290	263.97	278.17	
295	212.40	224.25	
300	162.53	172.26	
305	114.86	122.87	
310	69.86	77.02	
315	27.96	37.59	
320	10.46	25.92	
325	45.08	52.83	
330	75.60	82.78	
335	101.80	109.43	
340	123.47	131.75	
345	140.48	149.36	
350	152.70	162.05	
355	160.07	169.70	