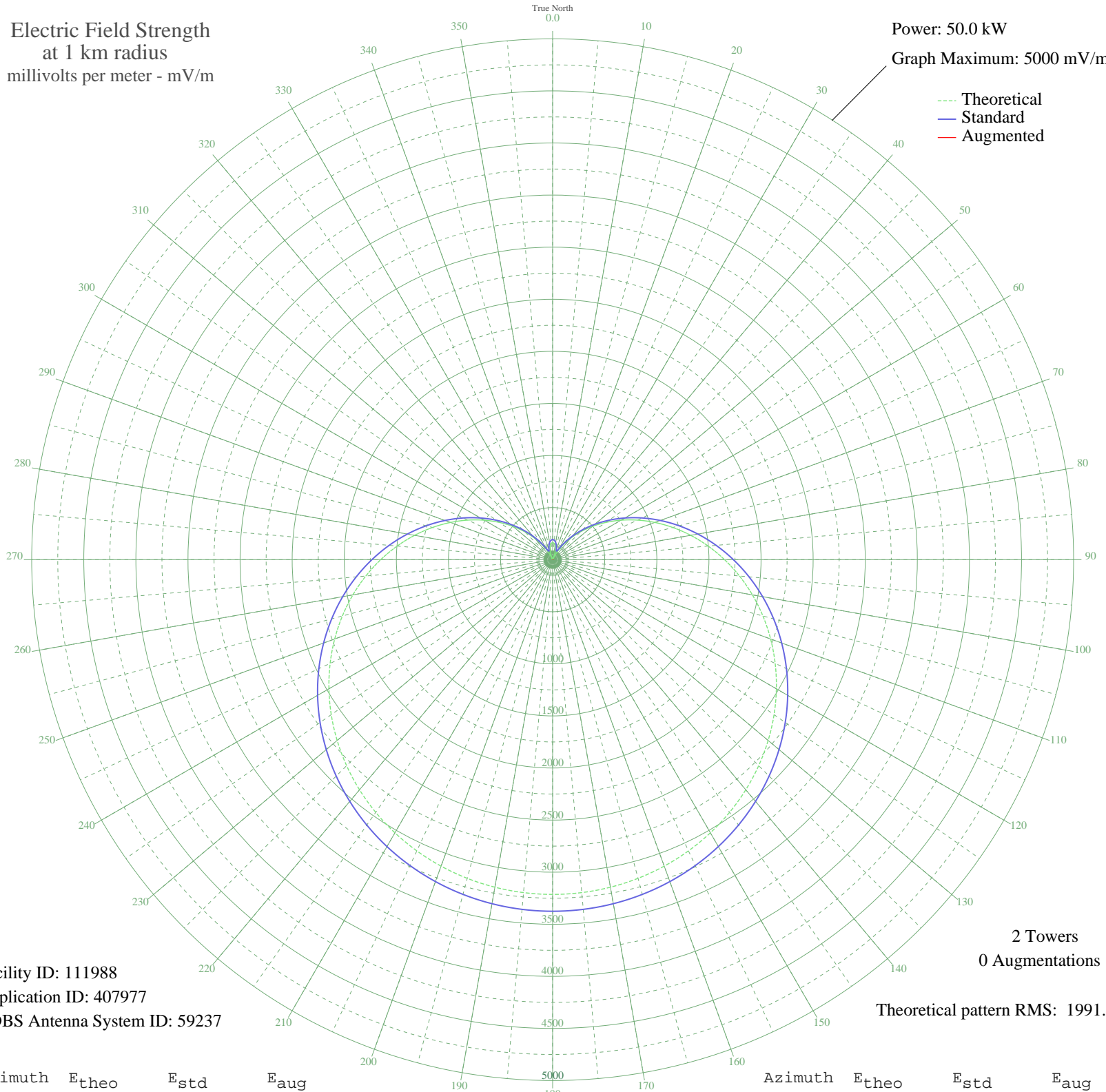


# XETQ1 ORIZABA, VC Mexico -- 850 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 111988  
Application ID: 407977  
CDBS Antenna System ID: 59237

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1991.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	164.44	193.55	
5	157.40	186.99	
10	136.34	167.76	
15	101.42	137.80	
20	52.88	103.60	
25	8.89	87.95	
30	83.42	123.78	
35	170.11	198.88	
40	268.27	294.95	
45	377.07	405.46	
50	495.56	527.64	
55	622.72	659.67	
60	757.38	800.05	
65	898.33	947.29	
70	1044.25	1099.95	
75	1193.79	1256.52	
80	1345.54	1415.52	
85	1498.11	1575.44	
90	1650.10	1734.81	
95	1800.16	1892.19	
100	1946.99	2046.21	
105	2089.38	2195.59	
110	2226.22	2339.17	
115	2356.52	2475.89	
120	2479.40	2604.84	
125	2594.12	2725.23	
130	2700.05	2836.40	
135	2796.71	2937.85	
140	2883.72	3029.17	
145	2960.80	3110.07	
150	3027.76	3180.35	
155	3084.49	3239.90	
160	3130.92	3288.63	
165	3167.03	3326.53	
170	3192.81	3353.59	
175	3208.27	3369.82	

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	3213.42	3375.23	
185	3208.27	3369.82	
190	3192.81	3353.59	
195	3167.03	3326.53	
200	3130.92	3288.63	
205	3084.49	3239.90	
210	3027.76	3180.35	
215	2960.80	3110.07	
220	2883.72	3029.17	
225	2796.71	2937.85	
230	2700.05	2836.40	
235	2594.12	2725.23	
240	2479.40	2604.84	
245	2356.52	2475.89	
250	2226.22	2339.17	
255	2089.38	2195.59	
260	1946.98	2046.20	
265	1800.15	1892.18	
270	1650.10	1734.81	
275	1498.11	1575.44	
280	1345.54	1415.52	
285	1193.79	1256.52	
290	1044.25	1099.94	
295	898.33	947.29	
300	757.38	800.04	
305	622.71	659.67	
310	495.56	527.64	
315	377.07	405.46	
320	268.27	294.95	
325	170.11	198.88	
330	83.42	123.78	
335	8.89	87.95	
340	52.89	103.60	
345	101.42	137.80	
350	136.34	167.76	
355	157.40	186.99	