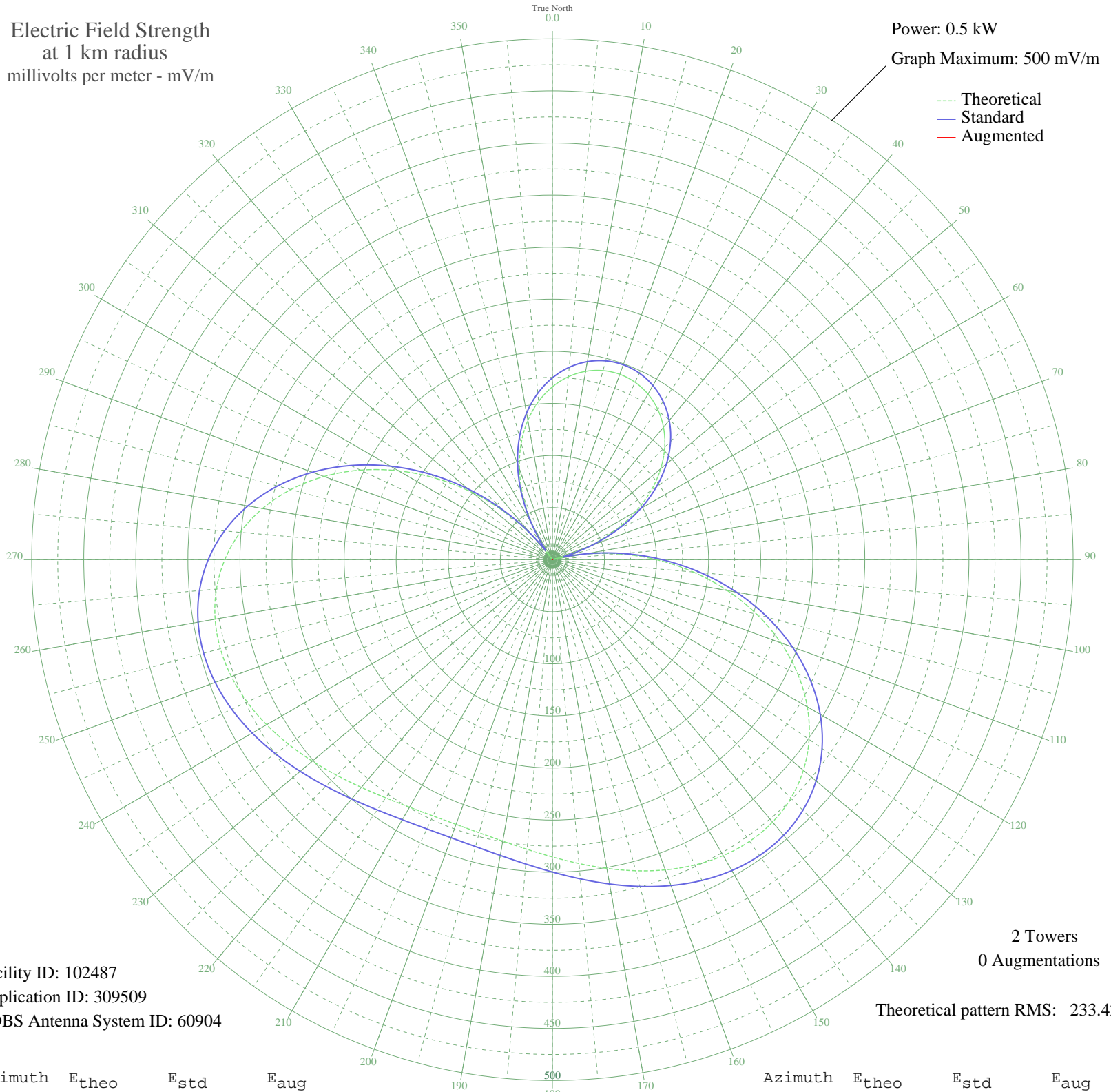


# XERM MEXICALI, BN Mexico -- 1150 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 102487  
Application ID: 309509  
CDBS Antenna System ID: 60904

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 233.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	165.93	174.54	
5	176.27	185.38	
10	183.56	193.03	
15	187.90	197.58	
20	189.34	199.09	
25	187.90	197.58	
30	183.56	193.03	
35	176.27	185.38	
40	165.93	174.54	
45	152.45	160.42	
50	135.75	142.92	
55	115.78	122.02	
60	92.56	97.75	
65	66.20	70.30	
70	36.93	40.17	
75	5.11	11.79	
80	28.77	31.98	
85	64.06	68.08	
90	100.02	105.55	
95	135.81	142.99	
100	170.55	179.39	
105	203.36	213.78	
110	233.42	245.32	
115	260.03	273.23	
120	282.63	296.95	
125	300.87	316.09	
130	314.59	330.48	
135	323.83	340.18	
140	328.85	345.45	
145	330.07	346.73	
150	328.03	344.60	
155	323.40	339.73	
160	316.86	332.87	
165	309.14	324.76	
170	300.90	316.12	
175	292.80	307.61	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	285.37	299.83	
185	279.11	293.25	
190	274.36	288.27	
195	271.41	285.17	
200	270.41	284.12	
205	271.41	285.17	
210	274.36	288.27	
215	279.11	293.25	
220	285.37	299.83	
225	292.80	307.61	
230	300.90	316.12	
235	309.14	324.76	
240	316.86	332.87	
245	323.40	339.73	
250	328.03	344.60	
255	330.07	346.73	
260	328.85	345.45	
265	323.83	340.18	
270	314.59	330.48	
275	300.87	316.09	
280	282.63	296.95	
285	260.03	273.23	
290	233.42	245.32	
295	203.36	213.78	
300	170.55	179.39	
305	135.81	142.99	
310	100.02	105.55	
315	64.06	68.08	
320	28.77	31.98	
325	5.11	11.79	
330	36.93	40.17	
335	66.20	70.30	
340	92.56	97.75	
345	115.78	122.02	
350	135.75	142.92	
355	152.45	160.42	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission