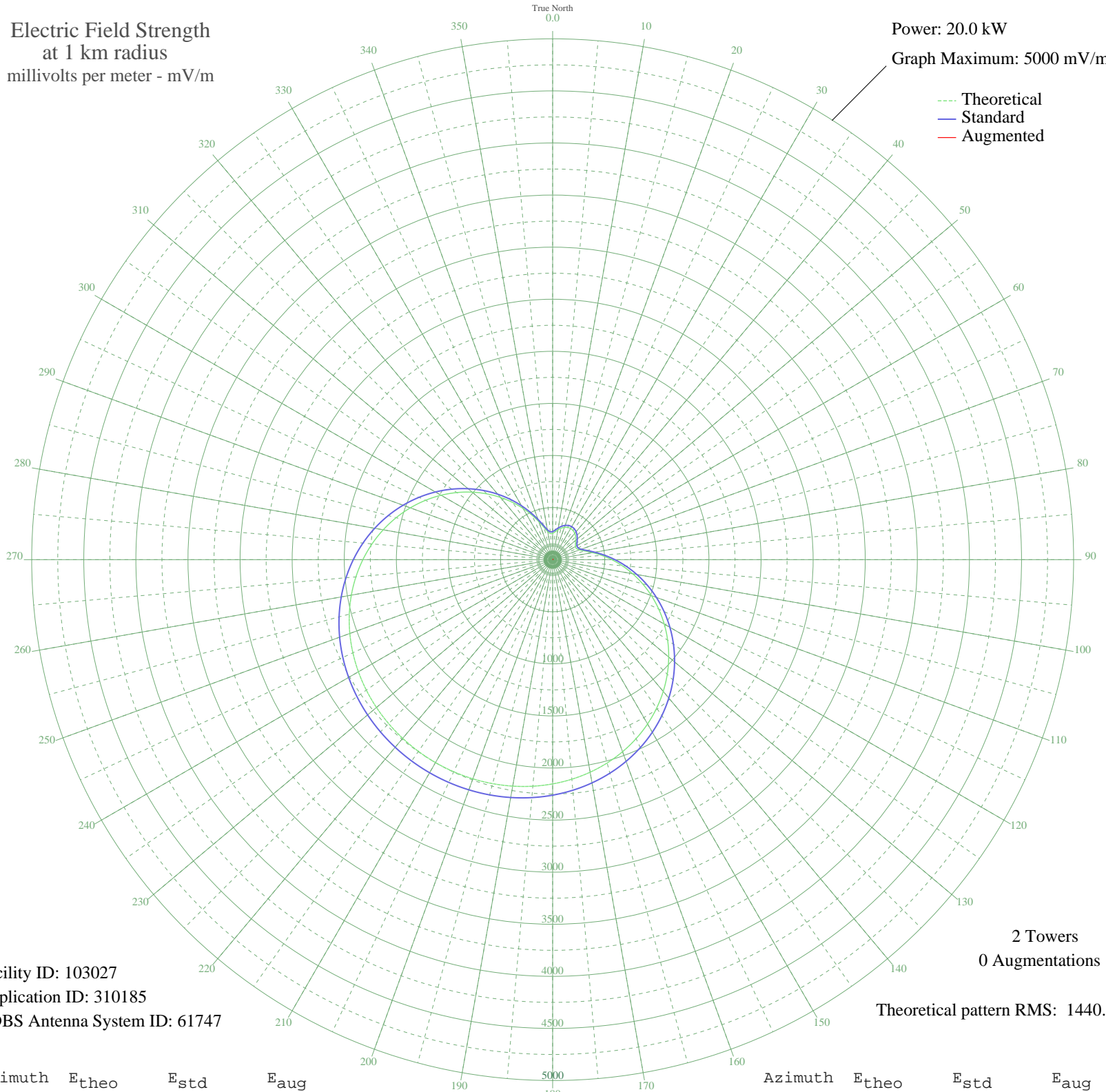


# XECMQ LA PRADERA, DF Mexico -- 1320 kHz

Nighttime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 103027  
Application ID: 310185  
CDBS Antenna System ID: 61747

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1440.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	252.59	269.35	
5	268.30	285.61	
10	290.36	308.47	
15	312.25	331.21	
20	330.00	349.67	
25	341.38	361.51	
30	345.29	365.58	
35	341.38	361.51	
40	330.00	349.67	
45	312.25	331.21	
50	290.36	308.47	
55	268.30	285.61	
60	252.59	269.35	
65	252.01	268.74	
70	274.15	291.67	
75	320.85	340.15	
80	388.49	410.61	
85	472.05	497.87	
90	567.24	597.45	
95	670.80	705.90	
100	780.18	820.53	
105	893.23	939.07	
110	1008.10	1059.54	
115	1123.08	1180.17	
120	1236.63	1299.31	
125	1347.36	1415.51	
130	1454.03	1527.45	
135	1555.56	1634.02	
140	1651.07	1734.26	
145	1739.86	1827.46	
150	1821.42	1913.07	
155	1895.45	1990.78	
160	1961.80	2060.42	
165	2020.49	2122.04	
170	2071.68	2175.78	
175	2115.63	2221.91	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2152.66	2260.78	
185	2183.14	2292.78	
190	2207.45	2318.29	
195	2225.93	2337.70	
200	2238.90	2351.32	
205	2246.58	2359.38	
210	2249.13	2362.05	
215	2246.58	2359.38	
220	2238.90	2351.32	
225	2225.93	2337.70	
230	2207.45	2318.29	
235	2183.14	2292.78	
240	2152.66	2260.78	
245	2115.63	2221.91	
250	2071.68	2175.78	
255	2020.49	2122.04	
260	1961.80	2060.42	
265	1895.45	1990.78	
270	1821.42	1913.07	
275	1739.86	1827.46	
280	1651.07	1734.26	
285	1555.56	1634.02	
290	1454.03	1527.45	
295	1347.36	1415.51	
300	1236.63	1299.31	
305	1123.08	1180.17	
310	1008.10	1059.54	
315	893.23	939.07	
320	780.18	820.53	
325	670.80	705.90	
330	567.24	597.45	
335	472.05	497.87	
340	388.49	410.61	
345	320.85	340.15	
350	274.15	291.67	
355	252.01	268.74	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission