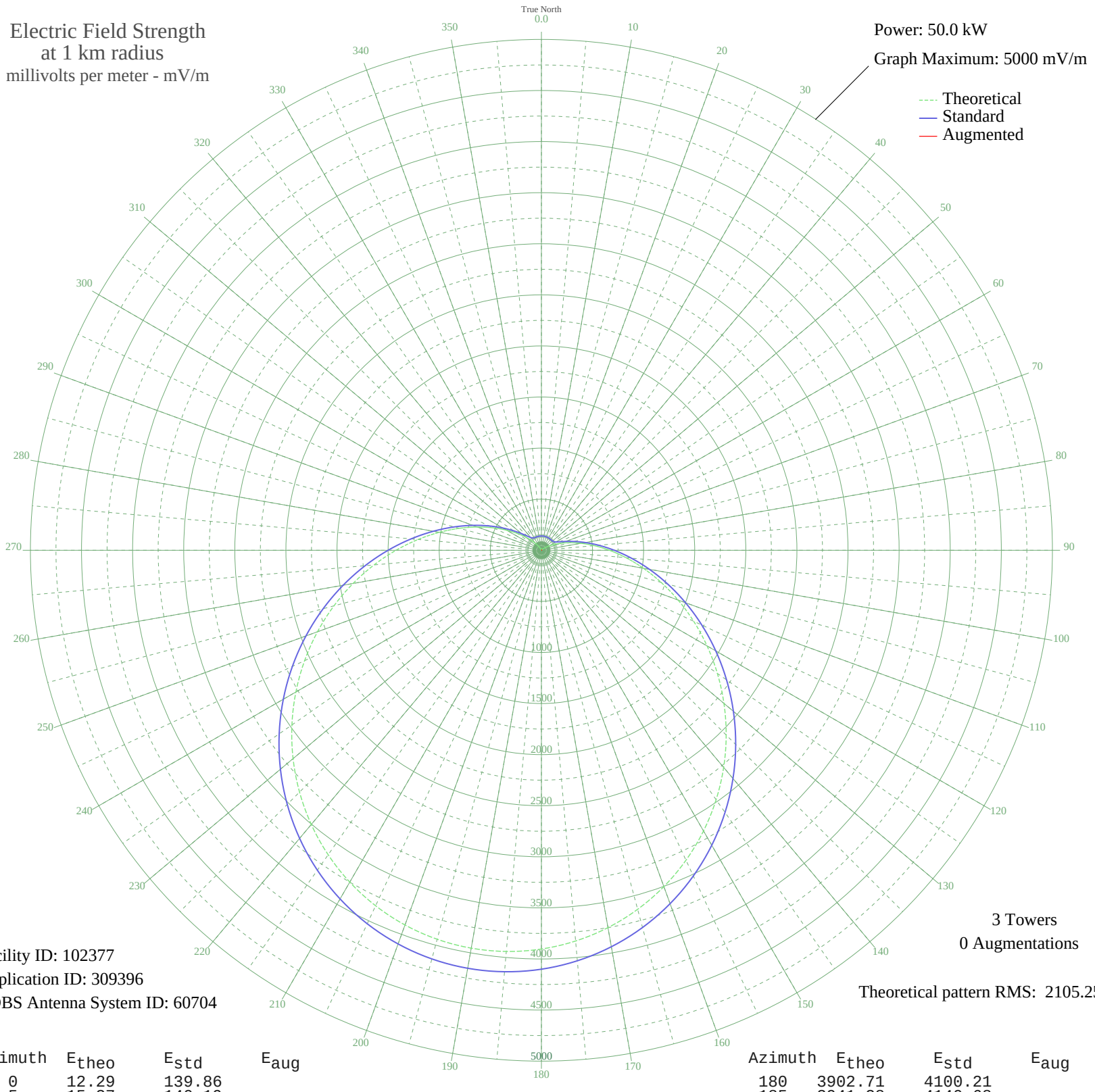
XERED1 SAN JERONIMO TEPETLA, DF Mexico -- 1110 kHz

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

3 Towers
0 Augmentations

Facility ID: 102377
Application ID: 309396
CDBS Antenna System ID: 60704

Theoretical pattern RMS: 2105.25

Azimuth	E_{theo}	E_{std}	E_{aug}
0	12.29	139.86	
5	15.37	140.19	
10	16.48	140.33	
15	15.37	140.19	
20	12.29	139.86	
25	7.93	139.51	
30	3.45	139.31	
35	0.41	139.26	
40	0.70	139.26	
45	6.50	139.43	
50	20.15	140.86	
55	44.07	146.75	
60	80.66	163.00	
65	132.15	196.59	
70	200.48	252.40	
75	287.23	332.19	
80	393.45	435.96	
85	519.64	563.12	
90	665.67	712.70	
95	830.75	883.33	
100	1013.43	1073.17	
105	1211.64	1279.83	
110	1422.80	1500.42	
115	1643.85	1731.65	
120	1871.41	1969.91	
125	2101.87	2211.35	
130	2331.55	2452.08	
135	2556.79	2688.24	
140	2774.10	2916.13	
145	2980.19	3132.29	
150	3172.07	3333.58	
155	3347.11	3517.22	
160	3503.04	3680.82	
165	3637.94	3822.38	
170	3750.28	3940.26	
175	3838.84	4033.19	
180	3902.71	4100.21	
185	3941.28	4140.68	
190	3954.17	4154.22	
195	3941.28	4140.68	
200	3902.71	4100.21	
205	3838.84	4033.19	
210	3750.28	3940.26	
215	3637.94	3822.38	
220	3503.04	3680.82	
225	3347.11	3517.22	
230	3172.07	3333.58	
235	2980.18	3132.29	
240	2774.10	2916.13	
245	2556.79	2688.24	
250	2331.55	2452.08	
255	2101.87	2211.35	
260	1871.41	1969.91	
265	1643.85	1731.65	
270	1422.80	1500.42	
275	1211.64	1279.82	
280	1013.42	1073.17	
285	830.75	883.33	
290	665.67	712.70	
295	519.64	563.12	
300	393.45	435.96	
305	287.23	332.19	
310	200.48	252.40	
315	132.15	196.59	
320	80.66	163.00	
325	44.07	146.75	
330	20.15	140.86	
335	6.50	139.43	
340	0.70	139.26	
345	0.41	139.26	
350	3.45	139.31	
355	7.93	139.51	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission