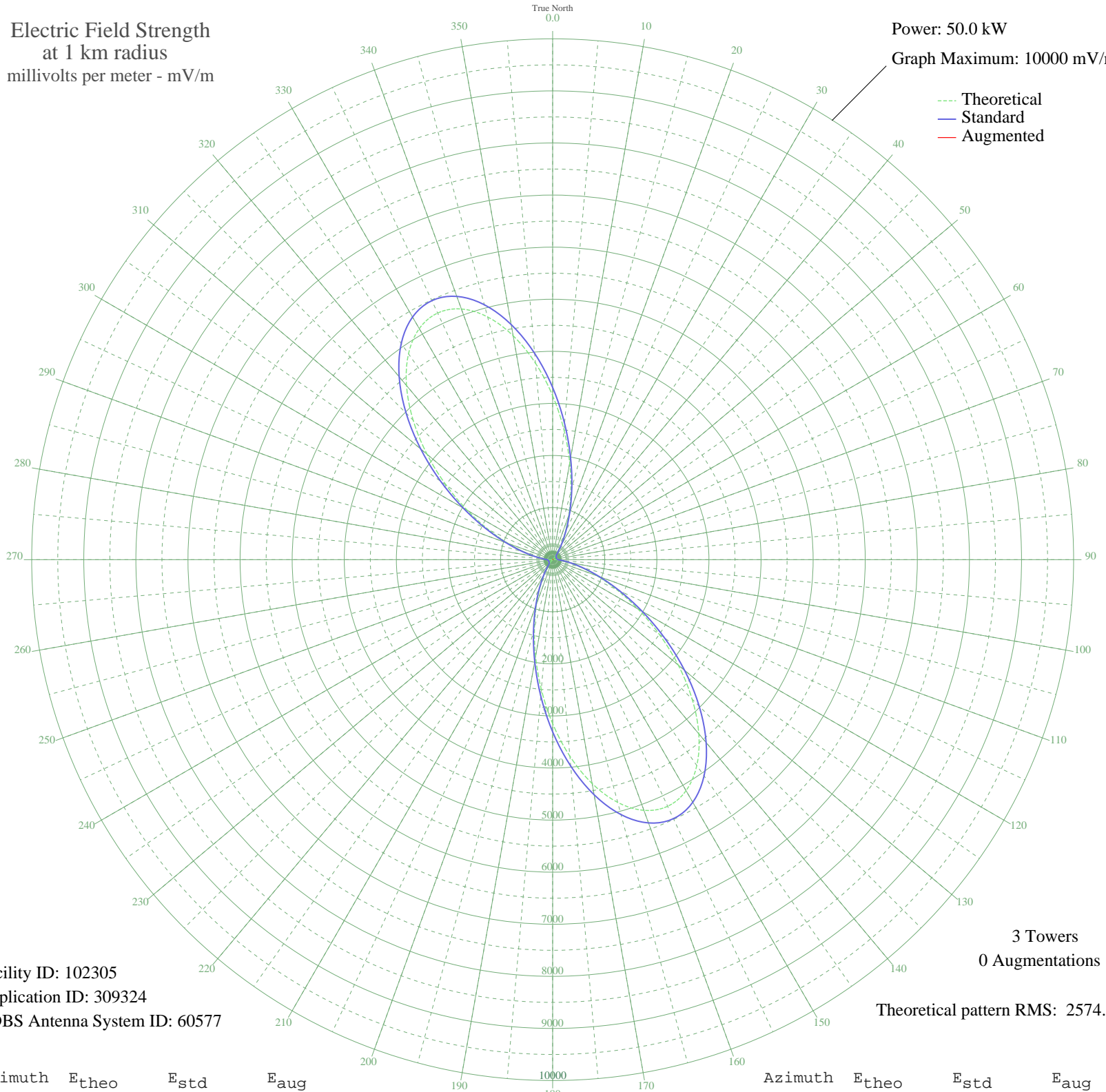


# XEPRS ROSARITO, BN Mexico -- 1090 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 102305  
Application ID: 309324  
CDBS Antenna System ID: 60577

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2574.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3147.30	3305.73	
5	2498.43	2624.69	
10	1887.42	1983.57	
15	1349.23	1419.18	
20	904.89	953.84	
25	561.73	595.77	
30	315.64	341.90	
35	154.21	182.41	
40	60.29	105.17	
45	15.07	85.46	
50	0.68	83.99	
55	1.91	84.01	
60	7.34	84.34	
65	9.94	84.63	
70	7.34	84.34	
75	1.91	84.01	
80	0.68	83.99	
85	15.07	85.46	
90	60.29	105.17	
95	154.21	182.41	
100	315.64	341.90	
105	561.73	595.77	
110	904.89	953.84	
115	1349.24	1419.19	
120	1887.42	1983.57	
125	2498.43	2624.69	
130	3147.30	3305.73	
135	3787.24	3977.49	
140	4364.41	4583.40	
145	4824.78	5066.71	
150	5121.99	5378.75	
155	5224.75	5486.64	
160	5121.99	5378.75	
165	4824.77	5066.71	
170	4364.41	4583.40	
175	3787.23	3977.48	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3147.29	3305.72	
185	2498.42	2624.69	
190	1887.41	1983.56	
195	1349.23	1419.18	
200	904.88	953.83	
205	561.73	595.76	
210	315.64	341.89	
215	154.21	182.41	
220	60.29	105.17	
225	15.07	85.46	
230	0.68	83.99	
235	1.91	84.01	
240	7.34	84.34	
245	9.94	84.63	
250	7.34	84.34	
255	1.91	84.01	
260	0.68	83.99	
265	15.07	85.46	
270	60.29	105.17	
275	154.22	182.41	
280	315.64	341.90	
285	561.73	595.77	
290	904.89	953.84	
295	1349.24	1419.19	
300	1887.42	1983.57	
305	2498.43	2624.70	
310	3147.30	3305.73	
315	3787.24	3977.49	
320	4364.41	4583.40	
325	4824.78	5066.71	
330	5122.00	5378.75	
335	5224.75	5486.64	
340	5121.99	5378.75	
345	4824.77	5066.71	
350	4364.40	4583.39	
355	3787.23	3977.48	

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.

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15 Feb 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission