

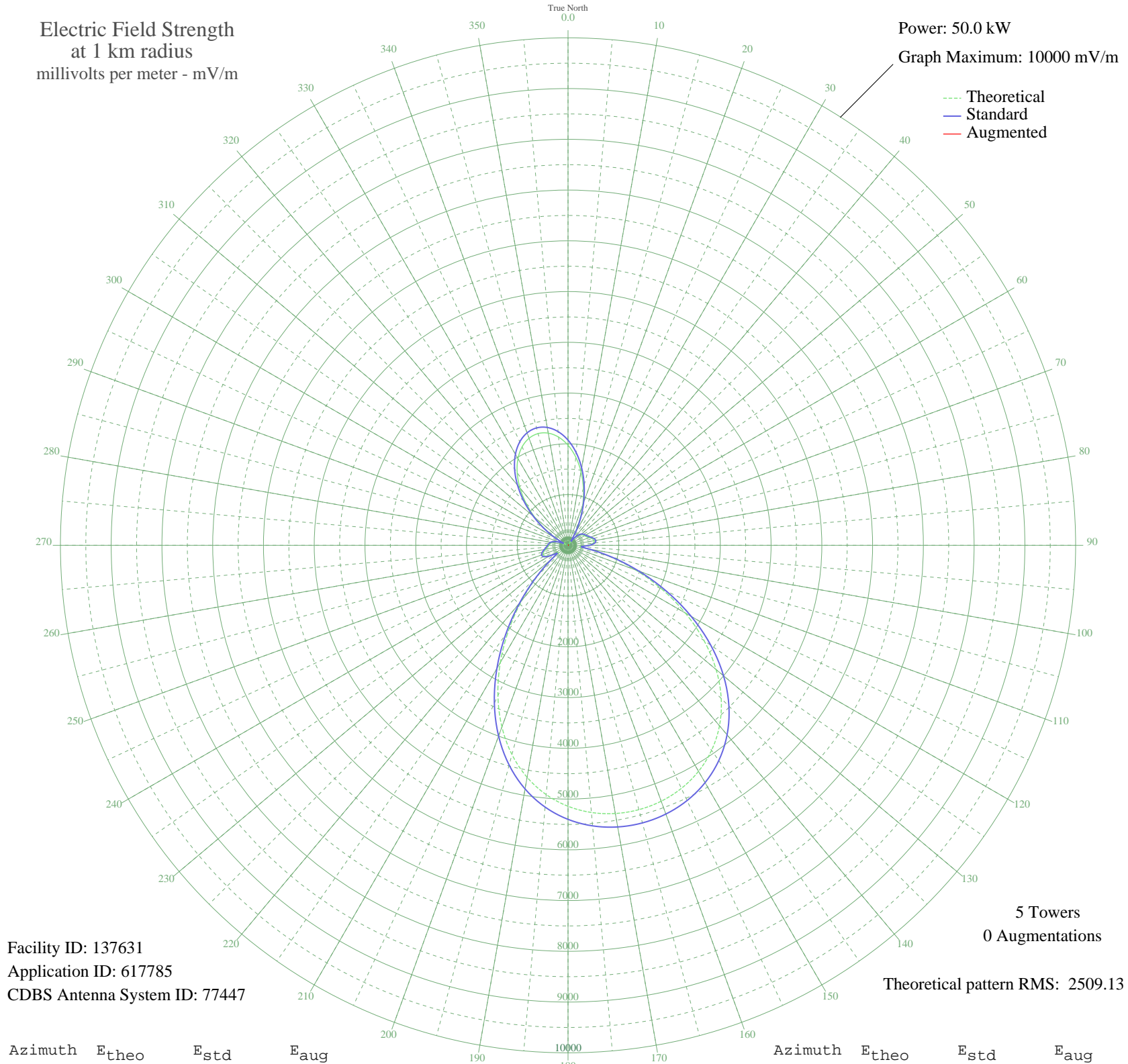
# XETRA ROSARITO, BC Mexico -- 690 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 137631  
Application ID: 617785  
CDBS Antenna System ID: 77447

5 Towers  
0 Augmentations

Theoretical pattern RMS: 2509.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1972.19	2072.42	
5	1745.78	1834.89	
10	1472.40	1548.18	
15	1167.20	1228.28	
20	849.31	895.52	
25	540.55	573.43	
30	263.31	288.29	
35	50.83	97.59	
40	148.29	175.83	
45	258.38	283.34	
50	321.34	347.16	
55	353.42	379.98	
60	374.77	401.90	
65	402.70	430.65	
70	445.10	474.44	
75	493.72	524.80	
80	523.08	555.27	
85	498.47	529.74	
90	392.36	420.00	
95	242.59	267.50	
100	388.00	415.51	
105	839.34	885.09	
110	1409.76	1482.50	
115	2035.32	2138.64	
120	2668.35	2802.96	
125	3269.12	3433.55	
130	3808.27	3999.52	
135	4268.13	4482.28	
140	4641.84	4874.61	
145	4930.96	5178.15	
150	5142.26	5399.99	
155	5284.58	5549.41	
160	5366.15	5635.05	
165	5392.66	5662.88	
170	5366.15	5635.05	
175	5284.58	5549.41	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	5142.26	5400.00	
185	4930.96	5178.15	
190	4641.84	4874.61	
195	4268.13	4482.28	
200	3808.27	3999.52	
205	3269.12	3433.56	
210	2668.35	2802.96	
215	2035.32	2138.65	
220	1409.76	1482.50	
225	839.35	885.09	
230	388.00	415.52	
235	242.59	267.50	
240	392.36	420.00	
245	498.47	529.74	
250	523.08	555.27	
255	493.72	524.80	
260	445.10	474.44	
265	402.70	430.65	
270	374.77	401.90	
275	353.42	379.98	
280	321.34	347.16	
285	258.38	283.34	
290	148.29	175.83	
295	50.83	97.59	
300	263.31	288.29	
305	540.55	573.43	
310	849.31	895.51	
315	1167.20	1228.28	
320	1472.40	1548.18	
325	1745.78	1834.89	
330	1972.19	2072.41	
335	2140.76	2249.28	
340	2244.45	2358.09	
345	2279.42	2394.78	
350	2244.45	2358.09	
355	2140.76	2249.28	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission