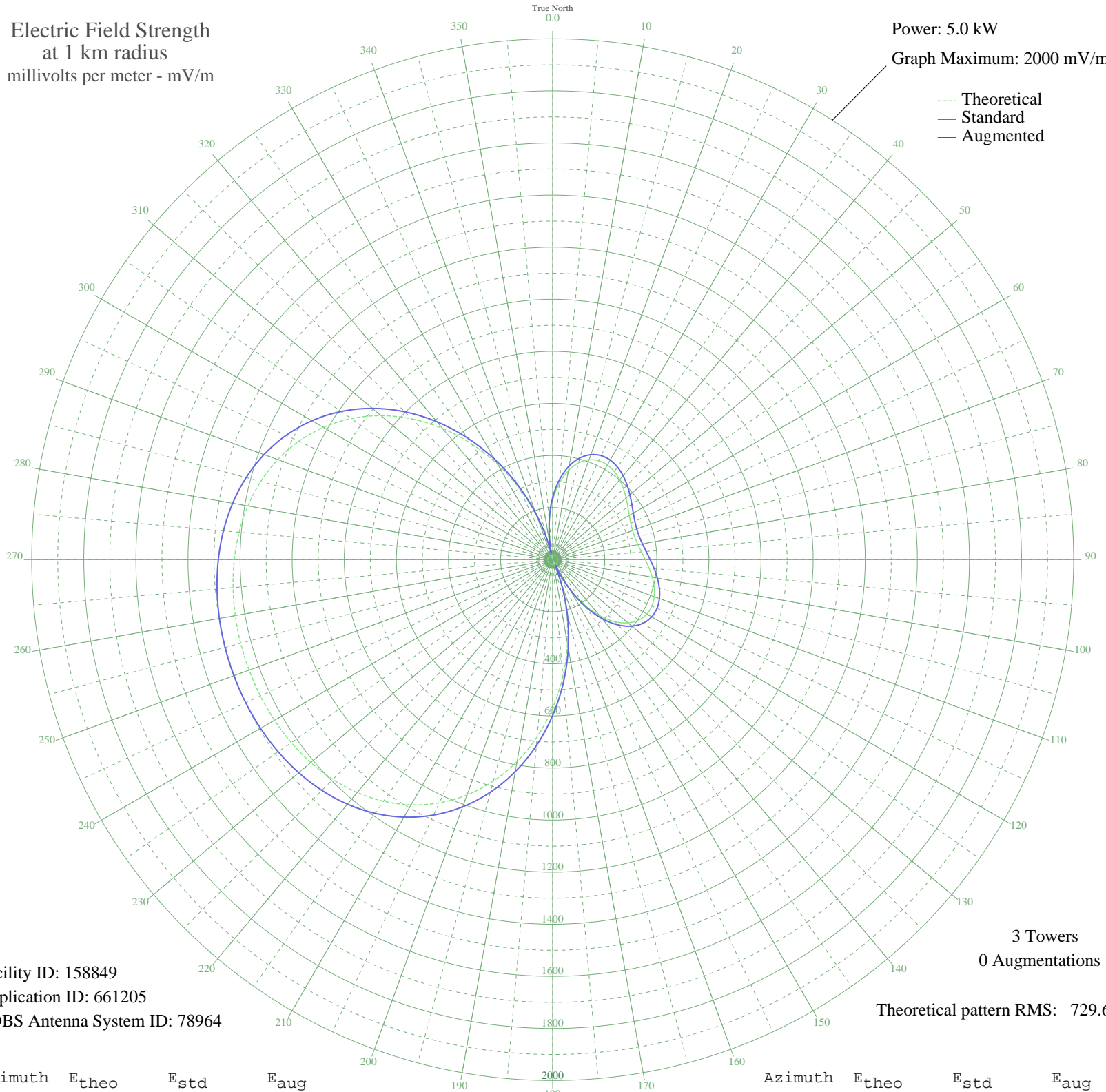


# XEKAM ROSARIO, BC Mexico -- 950 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 158849  
Application ID: 661205  
CDBS Antenna System ID: 78964

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 729.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	225.80	238.25	
5	294.10	309.70	
10	346.90	365.00	
15	384.50	404.41	
20	407.98	429.02	
25	419.04	440.61	
30	419.79	441.41	
35	412.65	433.92	
40	400.07	420.73	
45	384.46	404.36	
50	368.00	387.12	
55	352.61	370.99	
60	339.85	357.62	
65	330.89	348.23	
70	326.51	343.64	
75	327.07	344.22	
80	332.52	349.94	
85	342.42	360.30	
90	355.88	374.41	
95	371.66	390.95	
100	388.10	408.18	
105	403.24	424.05	
110	414.81	436.18	
115	420.40	442.04	
120	417.54	439.04	
125	403.87	424.71	
130	377.35	396.92	
135	336.42	354.02	
140	280.14	295.09	
145	208.42	220.10	
150	121.99	130.22	
155	22.53	33.33	
160	87.77	95.10	
165	205.58	217.13	
170	327.53	344.70	
175	449.97	473.05	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	569.35	598.27	
185	682.47	716.98	
190	786.71	826.37	
195	880.09	924.40	
200	961.45	1009.79	
205	1030.32	1082.09	
210	1086.94	1141.53	
215	1132.09	1188.93	
220	1166.98	1225.55	
225	1193.03	1252.90	
230	1211.78	1272.58	
235	1224.69	1286.14	
240	1233.08	1294.95	
245	1237.99	1300.10	
250	1240.14	1302.36	
255	1239.88	1302.08	
260	1237.15	1299.22	
265	1231.54	1293.33	
270	1222.23	1283.56	
275	1208.14	1268.76	
280	1187.89	1247.50	
285	1159.99	1218.21	
290	1122.92	1179.30	
295	1075.29	1129.29	
300	1015.97	1067.03	
305	944.30	991.80	
310	860.19	903.51	
315	764.24	802.80	
320	657.82	691.11	
325	543.04	570.68	
330	422.68	444.44	
335	300.04	315.91	
340	178.70	189.10	
345	62.31	69.51	
350	45.81	53.52	
355	142.56	151.52	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission