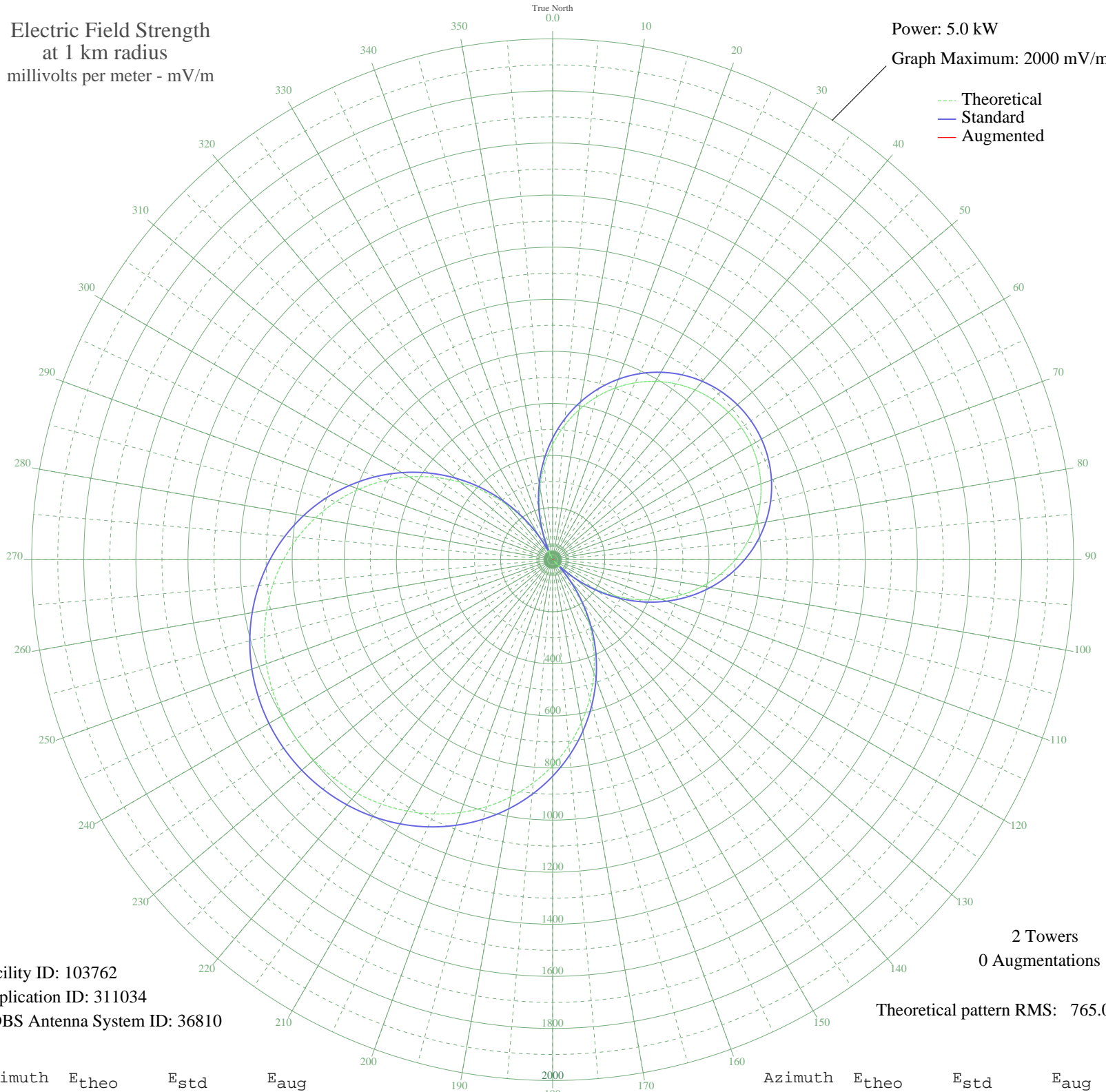


XEOF CORTAZAR, GT Mexico -- 1510 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 103762
Application ID: 311034
CDBS Antenna System ID: 36810

2 Towers
0 Augmentations
Theoretical pattern RMS: 765.08

Azimuth	E _{theo}	E _{std}	E _{aug}
0	442.57	466.32	
5	516.40	543.61	
10	584.40	614.85	
15	646.14	679.55	
20	701.24	737.32	
25	749.42	787.85	
30	790.47	830.90	
35	824.23	866.31	
40	850.57	893.95	
45	869.44	913.74	
50	880.78	925.63	
55	884.56	929.60	
60	880.78	925.63	
65	869.44	913.74	
70	850.57	893.95	
75	824.23	866.31	
80	790.47	830.90	
85	749.42	787.85	
90	701.24	737.32	
95	646.14	679.55	
100	584.40	614.85	
105	516.40	543.61	
110	442.57	466.32	
115	363.45	383.60	
120	279.66	296.20	
125	191.90	205.21	
130	100.95	112.90	
135	7.65	39.67	
140	87.11	99.38	
145	182.42	195.44	
150	277.35	293.80	
155	370.98	391.47	
160	462.45	487.12	
165	550.91	579.76	
170	635.61	668.52	
175	715.86	752.66	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	791.08	831.54	
185	860.77	904.64	
190	924.52	971.53	
195	982.02	1031.85	
200	1033.03	1085.38	
205	1077.39	1131.93	
210	1115.00	1171.39	
215	1145.79	1203.71	
220	1169.74	1228.84	
225	1186.84	1246.79	
230	1197.10	1257.55	
235	1200.52	1261.14	
240	1197.10	1257.55	
245	1186.84	1246.79	
250	1169.74	1228.84	
255	1145.79	1203.71	
260	1115.00	1171.39	
265	1077.39	1131.93	
270	1033.03	1085.38	
275	982.02	1031.85	
280	924.52	971.52	
285	860.77	904.64	
290	791.08	831.54	
295	715.86	752.66	
300	635.61	668.52	
305	550.91	579.76	
310	462.45	487.12	
315	370.98	391.47	
320	277.35	293.80	
325	182.42	195.44	
330	87.11	99.38	
335	7.65	39.67	
340	100.95	112.90	
345	191.90	205.21	
350	279.66	296.21	
355	363.45	383.60	

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