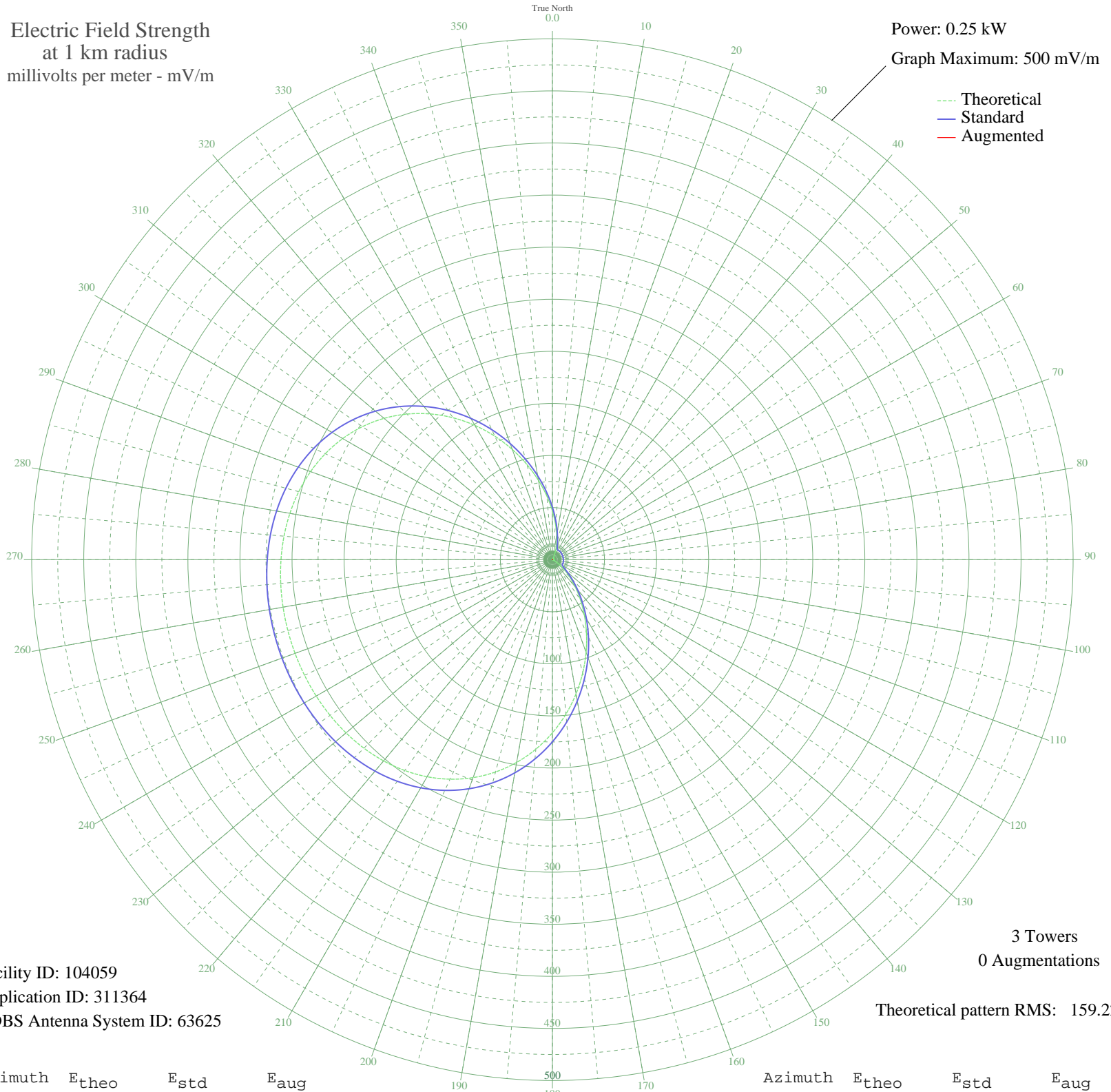


XEGEM METEPEC, MX Mexico -- 1600 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 104059
Application ID: 311364
CDBS Antenna System ID: 63625

3 Towers
0 Augmentations

Theoretical pattern RMS: 159.22

Azimuth	E _{theo}	E _{std}	E _{aug}
0	46.90	50.35	
5	34.26	37.47	
10	23.59	26.91	
15	14.96	18.89	
20	8.31	13.65	
25	3.49	11.12	
30	0.30	10.50	
35	1.54	10.62	
40	2.30	10.77	
45	2.29	10.77	
50	1.79	10.67	
55	1.06	10.56	
60	0.31	10.50	
65	0.29	10.50	
70	0.62	10.52	
75	0.62	10.52	
80	0.29	10.50	
85	0.31	10.50	
90	1.06	10.56	
95	1.79	10.67	
100	2.29	10.77	
105	2.30	10.77	
110	1.54	10.62	
115	0.30	10.50	
120	3.49	11.12	
125	8.31	13.65	
130	14.96	18.89	
135	23.59	26.91	
140	34.26	37.47	
145	46.90	50.35	
150	61.35	65.27	
155	77.36	81.90	
160	94.56	99.84	
165	112.52	118.61	
170	130.77	137.71	
175	148.84	156.63	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	166.26	174.89	
185	182.63	192.05	
190	197.63	207.77	
195	211.01	221.81	
200	222.65	234.02	
205	232.51	244.36	
210	240.62	252.87	
215	247.11	259.68	
220	252.15	264.97	
225	255.94	268.94	
230	258.69	271.82	
235	260.60	273.83	
240	261.86	275.15	
245	262.61	275.94	
250	262.96	276.31	
255	262.96	276.31	
260	262.61	275.94	
265	261.86	275.15	
270	260.60	273.83	
275	258.69	271.82	
280	255.94	268.94	
285	252.15	264.97	
290	247.11	259.68	
295	240.62	252.87	
300	232.51	244.36	
305	222.65	234.02	
310	211.01	221.81	
315	197.63	207.77	
320	182.63	192.05	
325	166.26	174.89	
330	148.84	156.63	
335	130.77	137.71	
340	112.52	118.61	
345	94.56	99.84	
350	77.36	81.90	
355	61.35	65.27	