

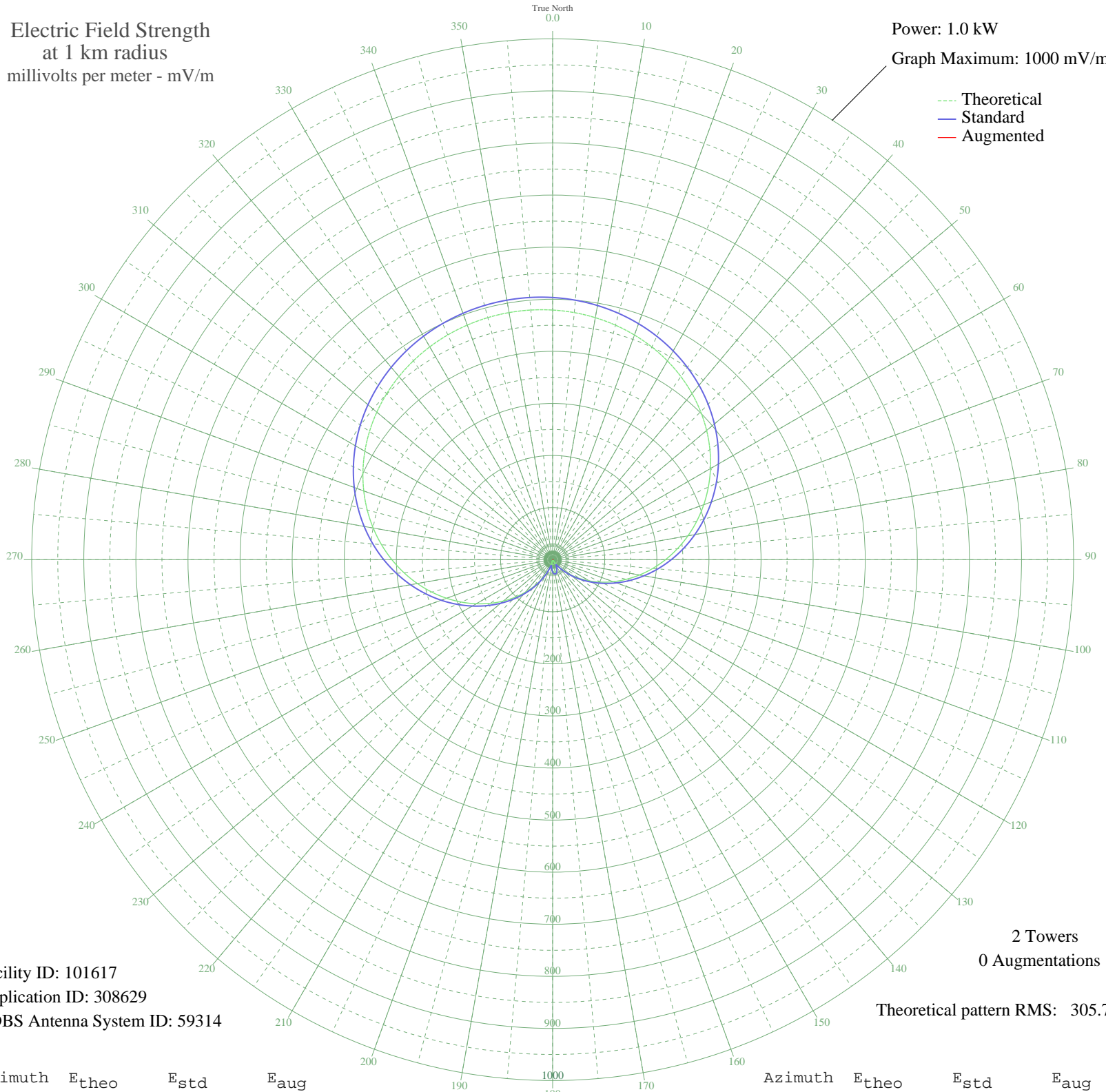
# XEAMO IRAPUATO, GT Mexico -- 870 kHz

Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 101617  
Application ID: 308629  
CDBS Antenna System ID: 59314

2 Towers  
0 Augmentations

Theoretical pattern RMS: 305.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	479.25	503.32	
5	476.15	500.07	
10	471.77	495.48	
15	466.07	489.49	
20	459.01	482.08	
25	450.53	473.17	
30	440.59	462.75	
35	429.17	450.75	
40	416.24	437.18	
45	401.80	422.02	
50	385.86	405.30	
55	368.49	387.06	
60	349.75	367.39	
65	329.76	346.40	
70	308.64	324.24	
75	286.56	301.08	
80	263.73	277.12	
85	240.34	252.58	
90	216.64	227.72	
95	192.86	202.78	
100	169.27	178.05	
105	146.10	153.78	
110	123.62	130.23	
115	102.05	107.68	
120	81.62	86.36	
125	62.54	66.52	
130	45.00	48.42	
135	29.15	32.39	
140	15.14	19.11	
145	3.10	11.09	
150	6.89	12.83	
155	14.73	18.75	
160	20.37	23.88	
165	23.78	27.12	
170	24.91	28.23	
175	23.78	27.12	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	20.37	23.88	
185	14.73	18.75	
190	6.89	12.83	
195	3.10	11.09	
200	15.14	19.11	
205	29.15	32.39	
210	45.00	48.42	
215	62.54	66.52	
220	81.62	86.36	
225	102.05	107.68	
230	123.62	130.23	
235	146.10	153.78	
240	169.27	178.05	
245	192.86	202.78	
250	216.64	227.72	
255	240.34	252.58	
260	263.73	277.12	
265	286.56	301.08	
270	308.64	324.24	
275	329.76	346.40	
280	349.75	367.39	
285	368.49	387.06	
290	385.86	405.30	
295	401.80	422.02	
300	416.24	437.18	
305	429.17	450.75	
310	440.59	462.75	
315	450.53	473.17	
320	459.01	482.08	
325	466.07	489.49	
330	471.77	495.48	
335	476.15	500.07	
340	479.25	503.32	
345	481.09	505.26	
350	481.70	505.90	
355	481.09	505.26	

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