

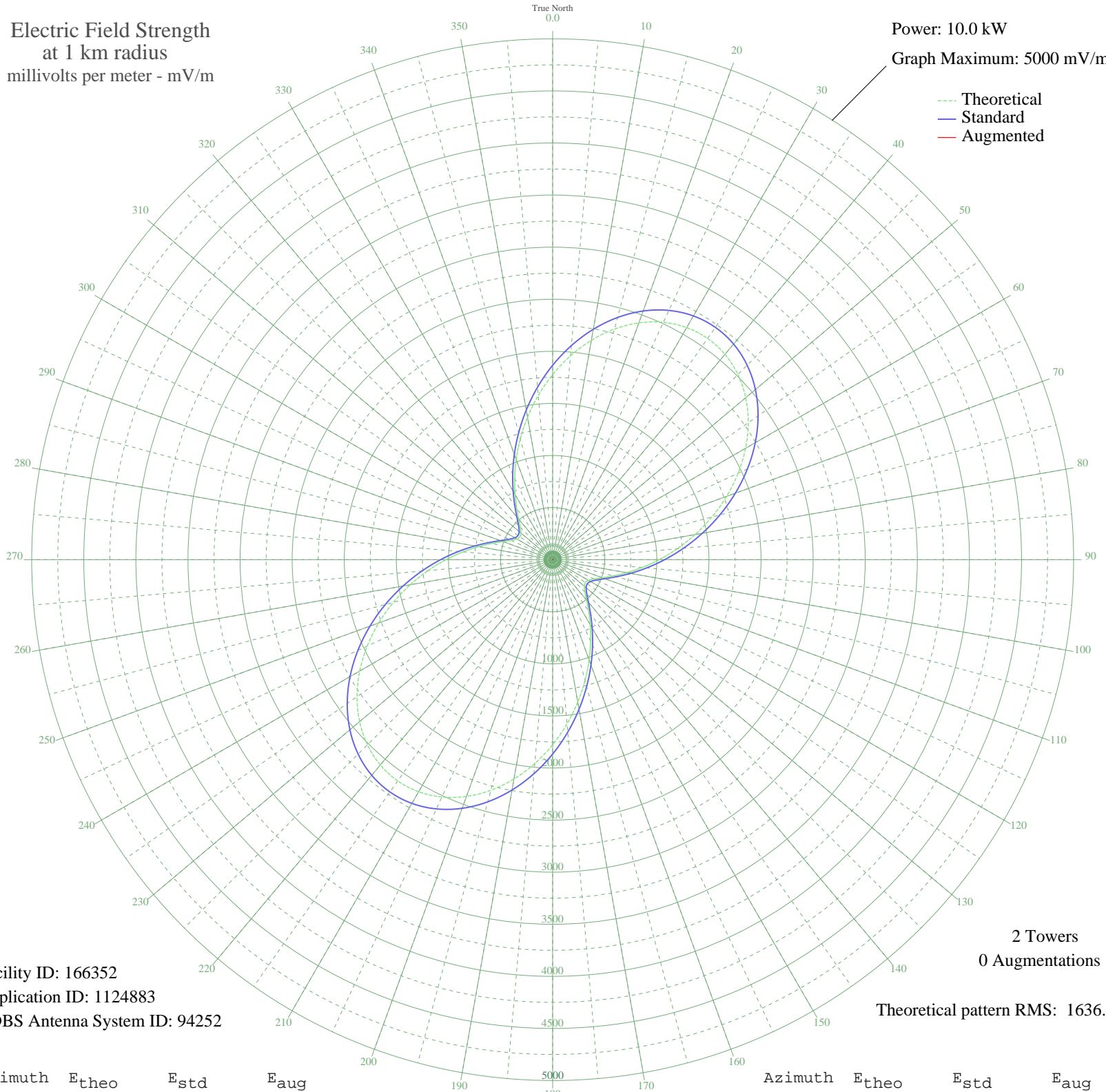
XEQG QUERETARO, QR Mexico -- 670 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 166352
Application ID: 1124883
CDBS Antenna System ID: 94252

2 Towers
0 Augmentations

Theoretical pattern RMS: 1636.51

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1776.48	1865.93	
5	1964.02	2062.78	
10	2138.03	2245.45	
15	2291.74	2406.81	
20	2418.82	2540.22	
25	2513.86	2639.99	
30	2572.65	2701.71	
35	2592.54	2722.60	
40	2572.65	2701.71	
45	2513.86	2639.99	
50	2418.83	2540.22	
55	2291.74	2406.81	
60	2138.03	2245.45	
65	1964.02	2062.78	
70	1776.48	1865.93	
75	1582.29	1662.10	
80	1388.04	1458.23	
85	1199.81	1260.72	
90	1022.94	1075.16	
95	861.95	906.33	
100	720.51	758.07	
105	601.48	633.38	
110	506.98	534.50	
115	438.52	462.95	
120	397.08	419.70	
125	383.20	405.23	
130	397.08	419.70	
135	438.52	462.95	
140	506.98	534.50	
145	601.48	633.38	
150	720.51	758.07	
155	861.95	906.33	
160	1022.94	1075.16	
165	1199.81	1260.72	
170	1388.04	1458.23	
175	1582.29	1662.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1776.48	1865.93	
185	1964.02	2062.78	
190	2138.03	2245.45	
195	2291.74	2406.81	
200	2418.83	2540.22	
205	2513.86	2639.99	
210	2572.65	2701.71	
215	2592.54	2722.60	
220	2572.65	2701.71	
225	2513.86	2639.99	
230	2418.83	2540.22	
235	2291.74	2406.81	
240	2138.03	2245.45	
245	1964.02	2062.78	
250	1776.48	1865.93	
255	1582.29	1662.10	
260	1388.04	1458.23	
265	1199.81	1260.72	
270	1022.94	1075.16	
275	861.95	906.33	
280	720.51	758.07	
285	601.48	633.38	
290	506.98	534.50	
295	438.52	462.95	
300	397.08	419.70	
305	383.20	405.23	
310	397.08	419.70	
315	438.52	462.95	
320	506.98	534.50	
325	601.48	633.38	
330	720.51	758.07	
335	861.95	906.33	
340	1022.94	1075.16	
345	1199.81	1260.72	
350	1388.04	1458.23	
355	1582.29	1662.10	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission