

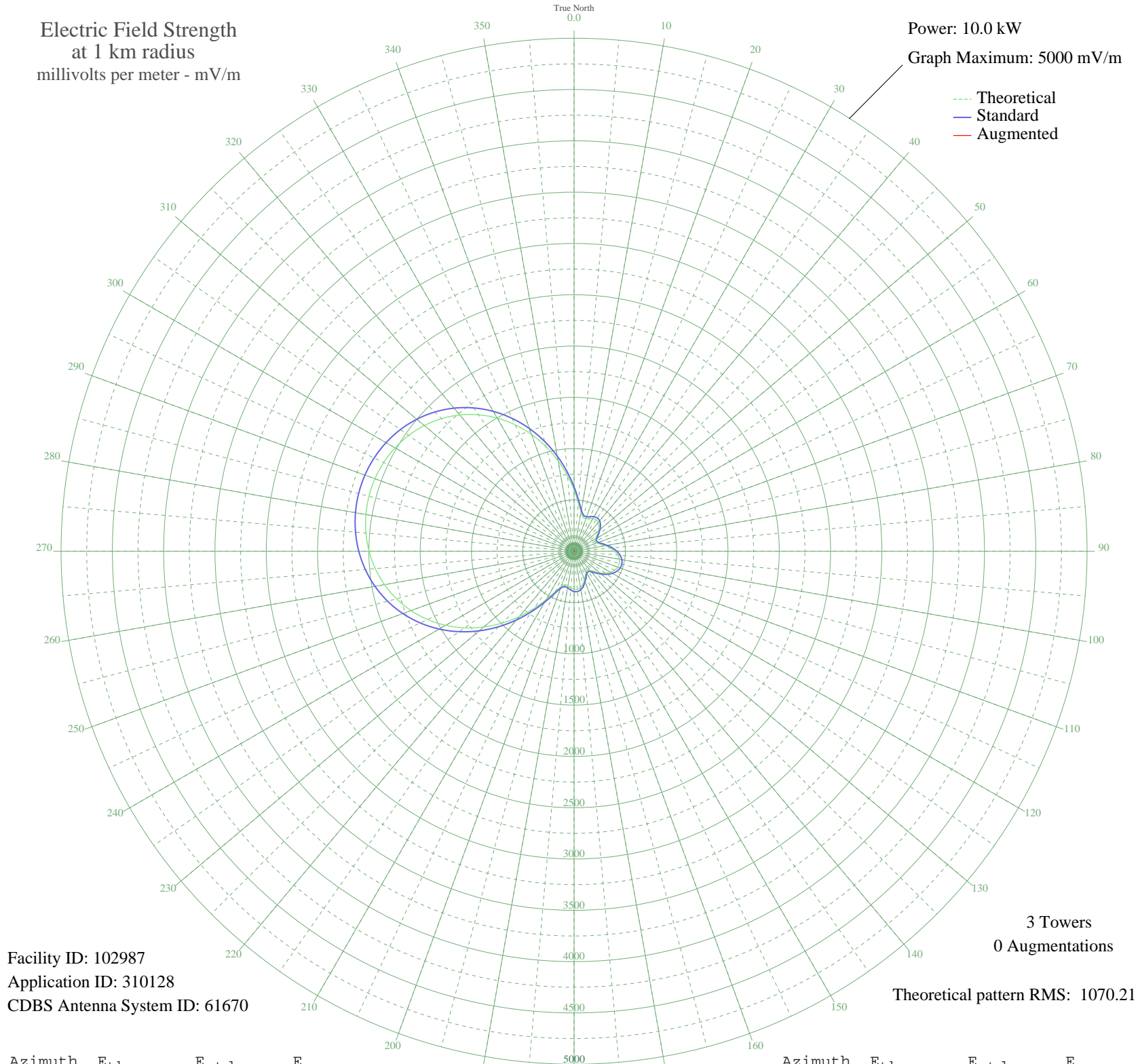
# XETIA TONALA, JA Mexico -- 1310 kHz

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: 102987  
Application ID: 310128  
CDBS Antenna System ID: 61670

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1070.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	596.22	627.44	
5	474.71	500.21	
10	387.28	408.81	
15	343.00	362.59	
20	337.42	356.78	
25	352.07	372.05	
30	368.17	388.86	
35	374.51	395.47	
40	366.59	387.20	
45	344.47	364.13	
50	311.50	329.76	
55	274.02	290.78	
60	241.64	257.18	
65	226.20	241.20	
70	235.61	250.94	
75	266.78	283.25	
80	309.51	327.69	
85	354.35	374.43	
90	394.84	416.70	
95	426.93	450.25	
100	448.15	472.43	
105	457.10	481.79	
110	453.25	477.76	
115	436.82	460.59	
120	408.85	431.35	
125	371.33	392.16	
130	327.62	346.56	
135	283.08	300.19	
140	245.99	261.68	
145	226.89	241.91	
150	232.79	248.02	
155	259.81	276.02	
160	296.59	314.24	
165	332.30	351.44	
170	359.32	379.62	
175	373.13	394.03	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	372.25	393.12	
185	359.14	379.43	
190	342.04	361.60	
195	336.97	356.31	
200	364.23	384.74	
205	434.97	458.65	
210	544.32	573.08	
215	680.39	715.64	
220	832.01	874.62	
225	990.38	1040.75	
230	1148.60	1206.76	
235	1301.31	1367.02	
240	1444.41	1517.21	
245	1574.97	1654.25	
250	1691.04	1776.09	
255	1791.54	1881.59	
260	1876.07	1970.32	
265	1944.72	2042.38	
270	1997.89	2098.20	
275	2036.11	2138.33	
280	2059.89	2163.30	
285	2069.62	2173.51	
290	2065.46	2169.14	
295	2047.33	2150.11	
300	2014.94	2116.10	
305	1967.81	2066.63	
310	1905.41	2001.13	
315	1827.27	1919.10	
320	1733.14	1820.29	
325	1623.21	1704.89	
330	1498.27	1573.74	
335	1359.89	1428.50	
340	1210.60	1271.82	
345	1054.01	1107.51	
350	894.97	940.66	
355	739.71	777.83	

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