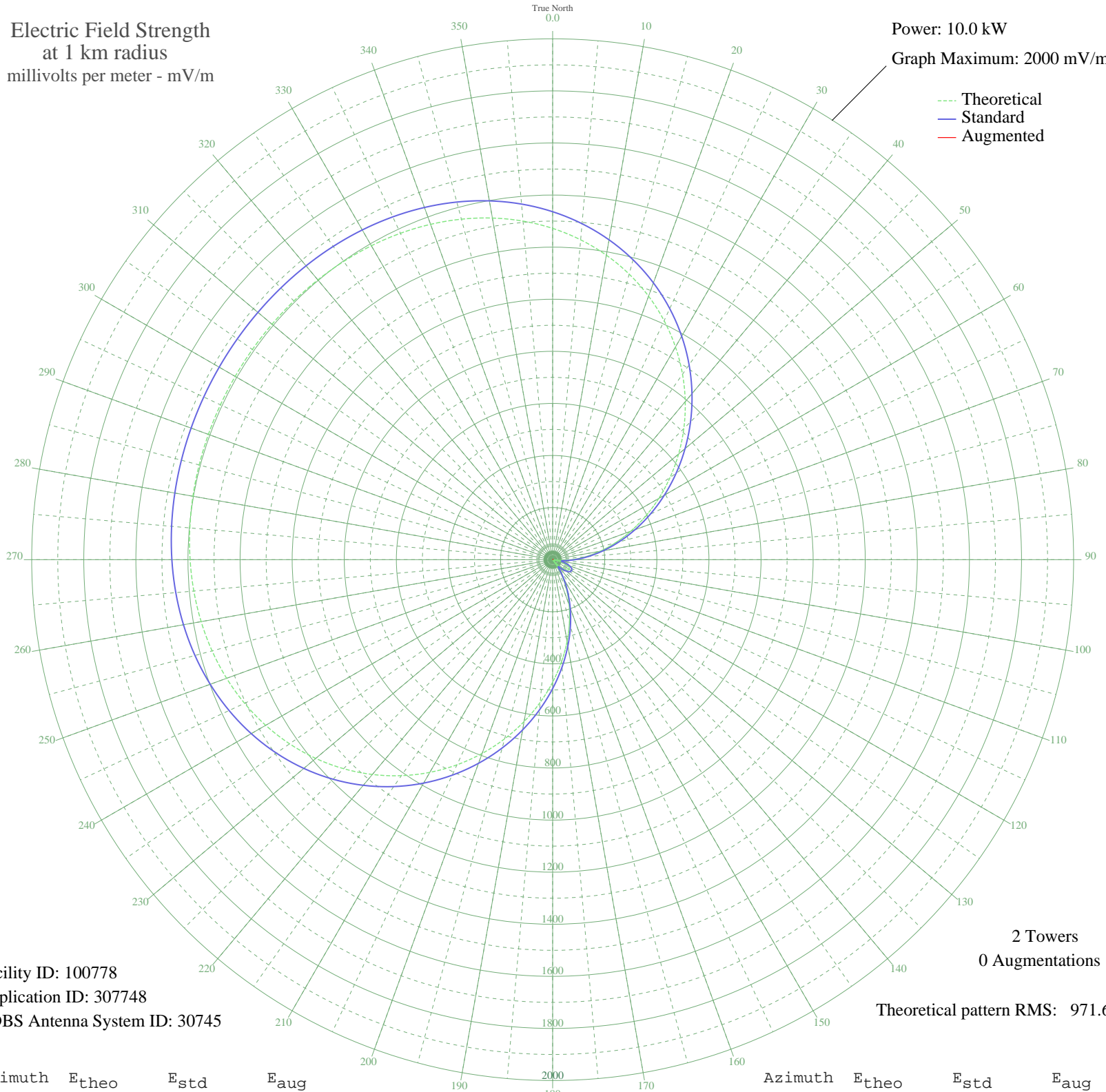


# XETNC TEPIC, NA Mexico -- 550 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 100778  
Application ID: 307748  
CDBS Antenna System ID: 30745

2 Towers  
0 Augmentations

Theoretical pattern RMS: 971.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1272.08	1336.09	
5	1232.88	1294.95	
10	1187.21	1247.01	
15	1135.08	1192.29	
20	1076.70	1131.02	
25	1012.48	1063.63	
30	943.05	990.76	
35	869.21	913.27	
40	791.90	832.15	
45	712.19	748.54	
50	631.26	663.65	
55	550.28	578.75	
60	470.46	495.09	
65	392.94	413.92	
70	318.83	336.41	
75	249.10	263.65	
80	184.64	196.70	
85	126.22	136.63	
90	74.47	84.95	
95	29.91	45.71	
100	7.04	34.02	
105	36.07	50.37	
110	56.96	68.41	
115	69.55	80.23	
120	73.76	84.27	
125	69.55	80.23	
130	56.96	68.41	
135	36.07	50.37	
140	7.04	34.02	
145	29.91	45.71	
150	74.47	84.95	
155	126.22	136.63	
160	184.64	196.70	
165	249.10	263.65	
170	318.83	336.41	
175	392.94	413.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	470.46	495.09	
185	550.28	578.75	
190	631.26	663.65	
195	712.19	748.54	
200	791.90	832.15	
205	869.21	913.27	
210	943.05	990.76	
215	1012.48	1063.63	
220	1076.70	1131.02	
225	1135.08	1192.29	
230	1187.21	1247.01	
235	1232.88	1294.95	
240	1272.08	1336.09	
245	1305.00	1370.65	
250	1331.99	1398.98	
255	1353.55	1421.61	
260	1370.27	1439.16	
265	1382.82	1452.34	
270	1391.91	1461.88	
275	1398.21	1468.49	
280	1402.37	1472.86	
285	1404.96	1475.58	
290	1406.46	1477.15	
295	1407.21	1477.95	
300	1407.44	1478.18	
305	1407.21	1477.95	
310	1406.46	1477.15	
315	1404.96	1475.58	
320	1402.37	1472.86	
325	1398.21	1468.49	
330	1391.91	1461.88	
335	1382.82	1452.34	
340	1370.27	1439.16	
345	1353.55	1421.61	
350	1331.99	1398.98	
355	1305.00	1370.65	

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