

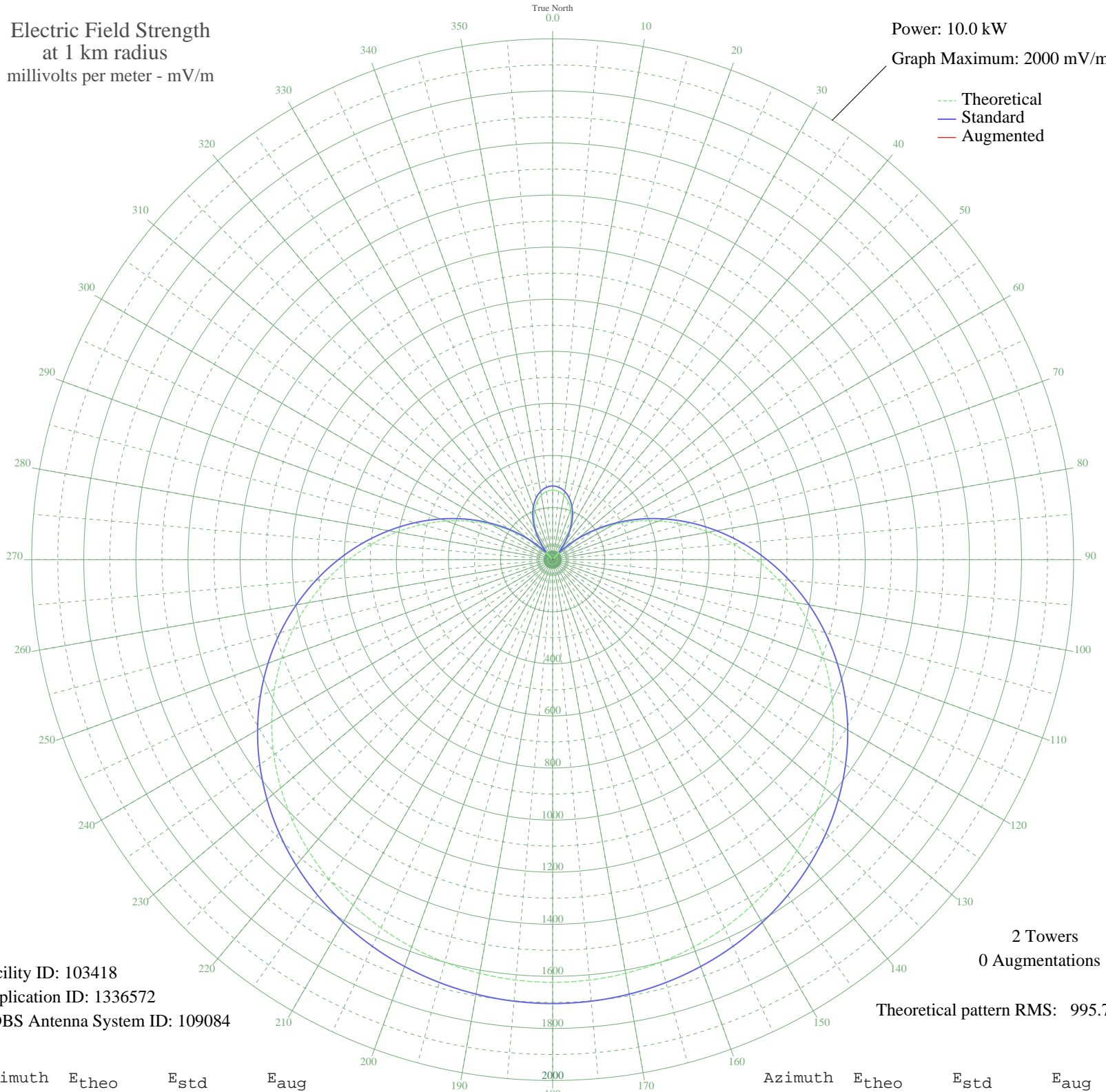
# XEXX TIJUANA, BN Mexico -- 1420 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 103418  
Application ID: 1336572  
CDBS Antenna System ID: 109084

2 Towers  
0 Augmentations

Theoretical pattern RMS: 995.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	267.00	282.91	
5	262.96	278.71	
10	250.86	266.13	
15	230.78	245.27	
20	202.84	216.34	
25	167.23	179.65	
30	124.19	135.82	
35	74.05	86.53	
40	17.18	42.04	
45	45.94	61.39	
50	114.77	126.35	
55	188.69	201.73	
60	267.00	282.91	
65	348.93	368.34	
70	433.66	456.92	
75	520.31	547.64	
80	607.98	639.51	
85	695.78	731.56	
90	782.81	822.83	
95	868.21	912.41	
100	951.17	999.45	
105	1030.96	1083.18	
110	1106.93	1162.89	
115	1178.52	1238.02	
120	1245.27	1308.09	
125	1306.86	1372.72	
130	1363.01	1431.67	
135	1413.60	1484.77	
140	1458.55	1531.95	
145	1497.86	1573.21	
150	1531.60	1608.63	
155	1559.86	1638.29	
160	1582.75	1662.32	
165	1600.40	1680.85	
170	1612.92	1693.99	
175	1620.39	1701.83	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1622.87	1704.44	
185	1620.39	1701.83	
190	1612.92	1693.99	
195	1600.40	1680.85	
200	1582.75	1662.32	
205	1559.86	1638.29	
210	1531.60	1608.63	
215	1497.86	1573.21	
220	1458.55	1531.95	
225	1413.60	1484.77	
230	1363.01	1431.67	
235	1306.85	1372.72	
240	1245.27	1308.09	
245	1178.52	1238.02	
250	1106.93	1162.89	
255	1030.96	1083.18	
260	951.17	999.45	
265	868.21	912.41	
270	782.81	822.83	
275	695.78	731.56	
280	607.98	639.51	
285	520.31	547.64	
290	433.66	456.92	
295	348.93	368.34	
300	267.00	282.91	
305	188.69	201.73	
310	114.77	126.35	
315	45.94	61.39	
320	17.18	42.04	
325	74.05	86.53	
330	124.19	135.82	
335	167.23	179.65	
340	202.84	216.34	
345	230.78	245.27	
350	250.86	266.13	
355	262.96	278.71	