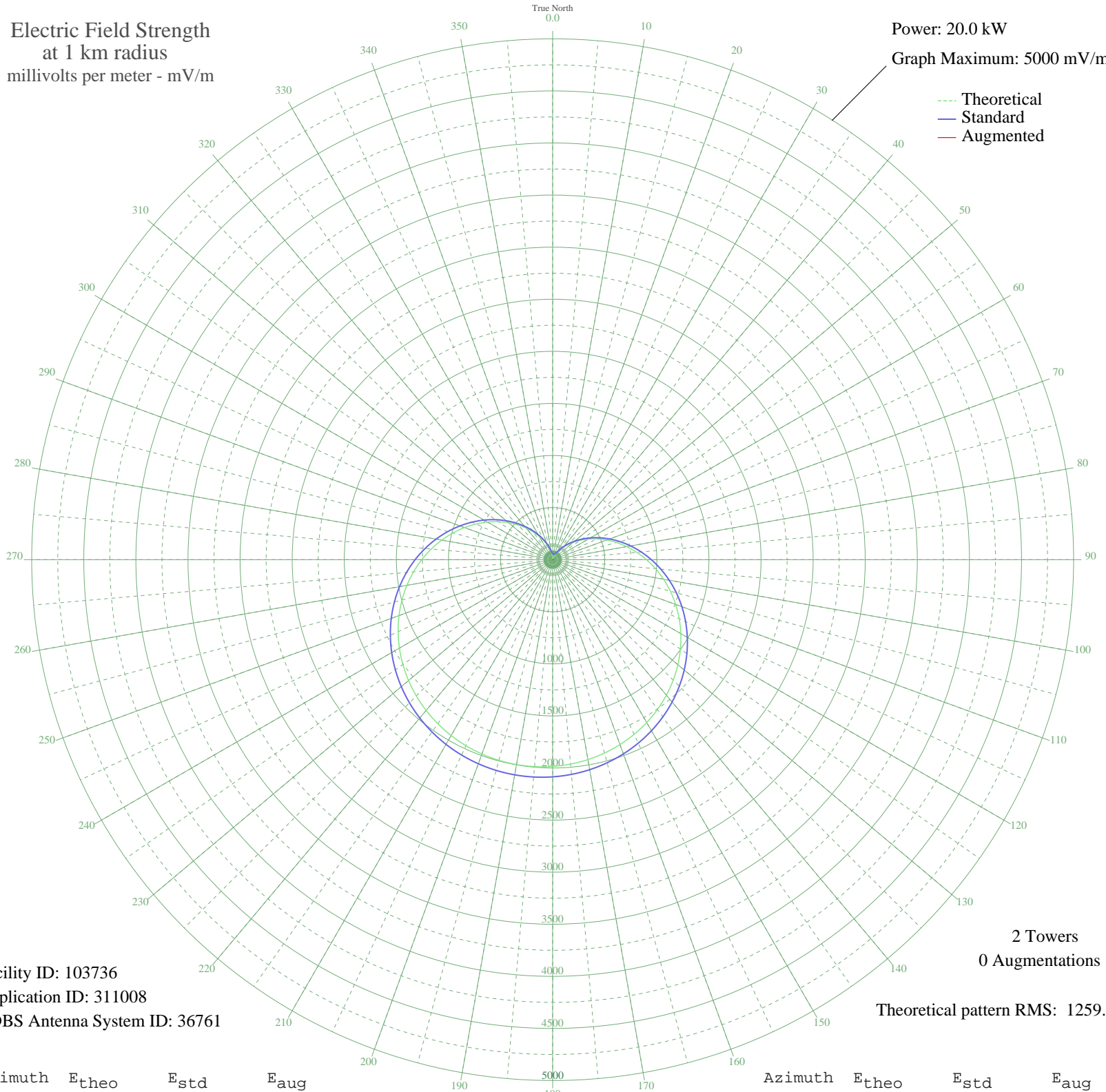


# XEAI IZTAPALAPA, DF Mexico -- 1500 kHz

Nighttime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 103736  
Application ID: 311008  
CDBS Antenna System ID: 36761

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1259.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	16.85	55.32	
5	4.22	52.61	
10	0.00	52.42	
15	4.22	52.61	
20	16.85	55.32	
25	37.79	65.74	
30	66.87	87.62	
35	103.88	121.02	
40	148.51	164.51	
45	200.39	216.84	
50	259.09	277.05	
55	324.10	344.32	
60	394.85	417.89	
65	470.69	497.00	
70	550.94	580.86	
75	634.84	668.64	
80	721.60	759.49	
85	810.41	852.54	
90	900.42	946.89	
95	990.79	1041.65	
100	1080.71	1135.95	
105	1169.35	1228.94	
110	1255.97	1319.81	
115	1339.85	1407.82	
120	1420.34	1492.28	
125	1496.87	1572.59	
130	1568.94	1648.22	
135	1636.12	1718.73	
140	1698.07	1783.74	
145	1754.52	1842.99	
150	1805.26	1896.25	
155	1850.15	1943.37	
160	1889.11	1984.26	
165	1922.08	2018.86	
170	1949.04	2047.16	
175	1969.99	2069.15	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1984.93	2084.84	
185	1993.90	2094.25	
190	1996.88	2097.38	
195	1993.90	2094.25	
200	1984.93	2084.84	
205	1969.98	2069.15	
210	1949.04	2047.16	
215	1922.08	2018.86	
220	1889.11	1984.26	
225	1850.15	1943.37	
230	1805.26	1896.24	
235	1754.52	1842.99	
240	1698.07	1783.74	
245	1636.12	1718.73	
250	1568.94	1648.22	
255	1496.87	1572.59	
260	1420.34	1492.28	
265	1339.85	1407.82	
270	1255.97	1319.81	
275	1169.35	1228.94	
280	1080.70	1135.95	
285	990.79	1041.65	
290	900.42	946.89	
295	810.40	852.54	
300	721.60	759.49	
305	634.84	668.64	
310	550.94	580.85	
315	470.69	497.00	
320	394.85	417.89	
325	324.10	344.32	
330	259.09	277.05	
335	200.39	216.84	
340	148.51	164.51	
345	103.88	121.01	
350	66.87	87.62	
355	37.79	65.74	

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