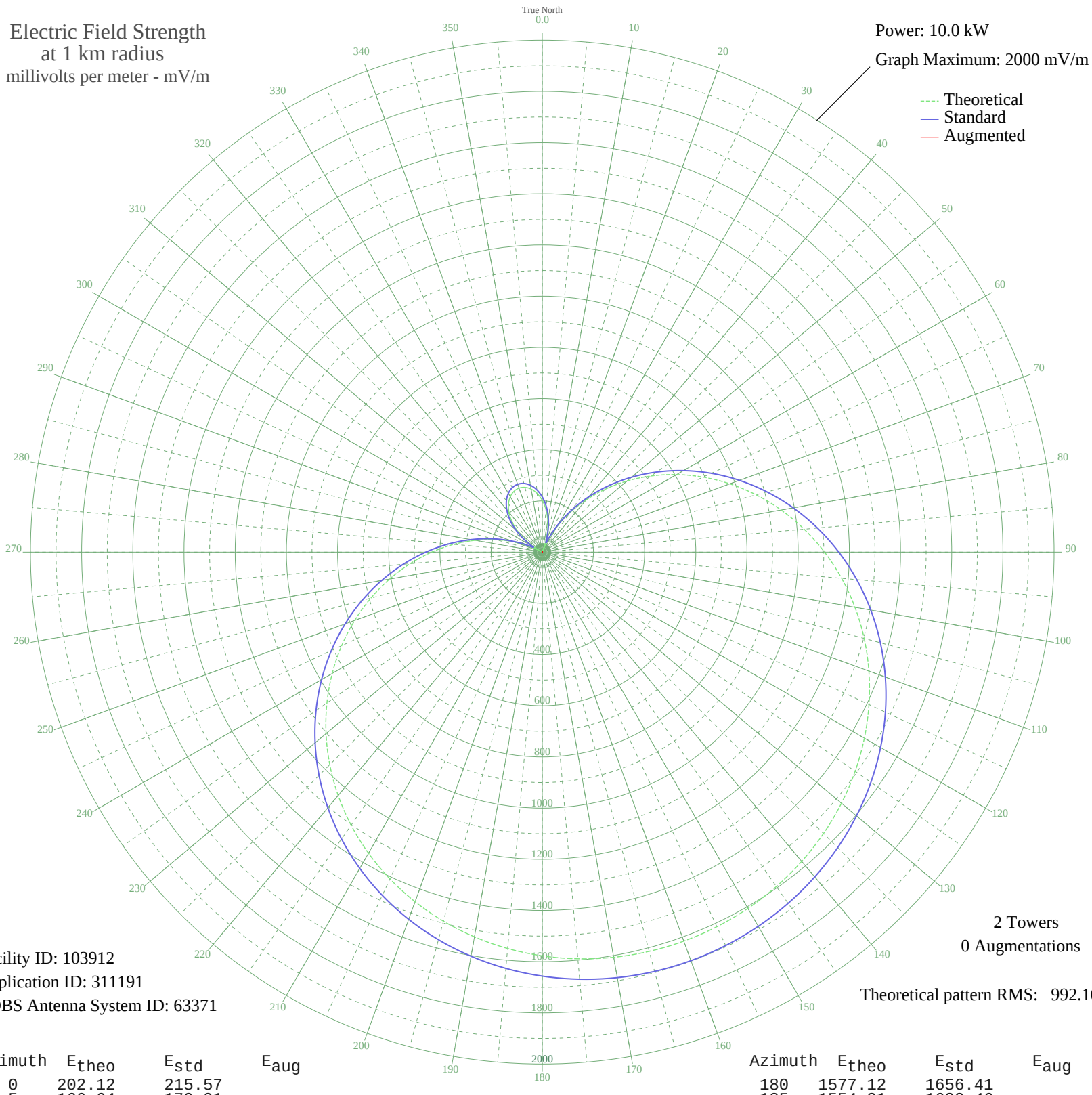
XEFAJ PETROLERA, DF Mexico -- 1560 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 103912
Application ID: 311191
CDBS Antenna System ID: 63371

Theoretical pattern RMS: 992.16

Azimuth	E_{theo}	E_{std}	E_{aug}
0	202.12	215.57	
5	166.64	179.01	
10	123.75	135.34	
15	73.79	86.22	
20	17.12	41.89	
25	45.77	61.17	
30	114.36	125.90	
35	188.02	201.01	
40	266.05	281.91	
45	347.69	367.03	
50	432.11	455.30	
55	518.46	545.69	
60	605.82	637.24	
65	693.31	728.96	
70	780.03	819.90	
75	865.12	909.17	
80	947.79	995.90	
85	1027.30	1079.32	
90	1102.99	1158.76	
95	1174.33	1233.62	
100	1240.85	1303.44	
105	1302.21	1367.84	
110	1358.17	1426.58	
115	1408.57	1479.49	
120	1453.36	1526.50	
125	1492.54	1567.62	
130	1526.15	1602.91	
135	1554.31	1632.46	
140	1577.12	1656.41	
145	1594.71	1674.87	
150	1607.18	1687.96	
155	1614.63	1695.78	
160	1617.10	1698.38	
165	1614.63	1695.78	
170	1607.18	1687.96	
175	1594.71	1674.87	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1577.12	1656.41	
185	1554.31	1632.46	
190	1526.15	1602.91	
195	1492.54	1567.62	
200	1453.36	1526.50	
205	1408.57	1479.49	
210	1358.17	1426.58	
215	1302.21	1367.84	
220	1240.85	1303.44	
225	1174.33	1233.62	
230	1102.99	1158.76	
235	1027.30	1079.33	
240	947.79	995.90	
245	865.12	909.17	
250	780.03	819.90	
255	693.31	728.96	
260	605.82	637.24	
265	518.46	545.69	
270	432.12	455.30	
275	347.69	367.03	
280	266.05	281.91	
285	188.02	201.02	
290	114.36	125.90	
295	45.77	61.17	
300	17.12	41.89	
305	73.79	86.22	
310	123.75	135.34	
315	166.64	179.01	
320	202.12	215.57	
325	229.96	244.40	
330	249.97	265.18	
335	262.03	277.72	
340	266.05	281.91	
345	262.03	277.72	
350	249.97	265.18	
355	229.96	244.40	

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