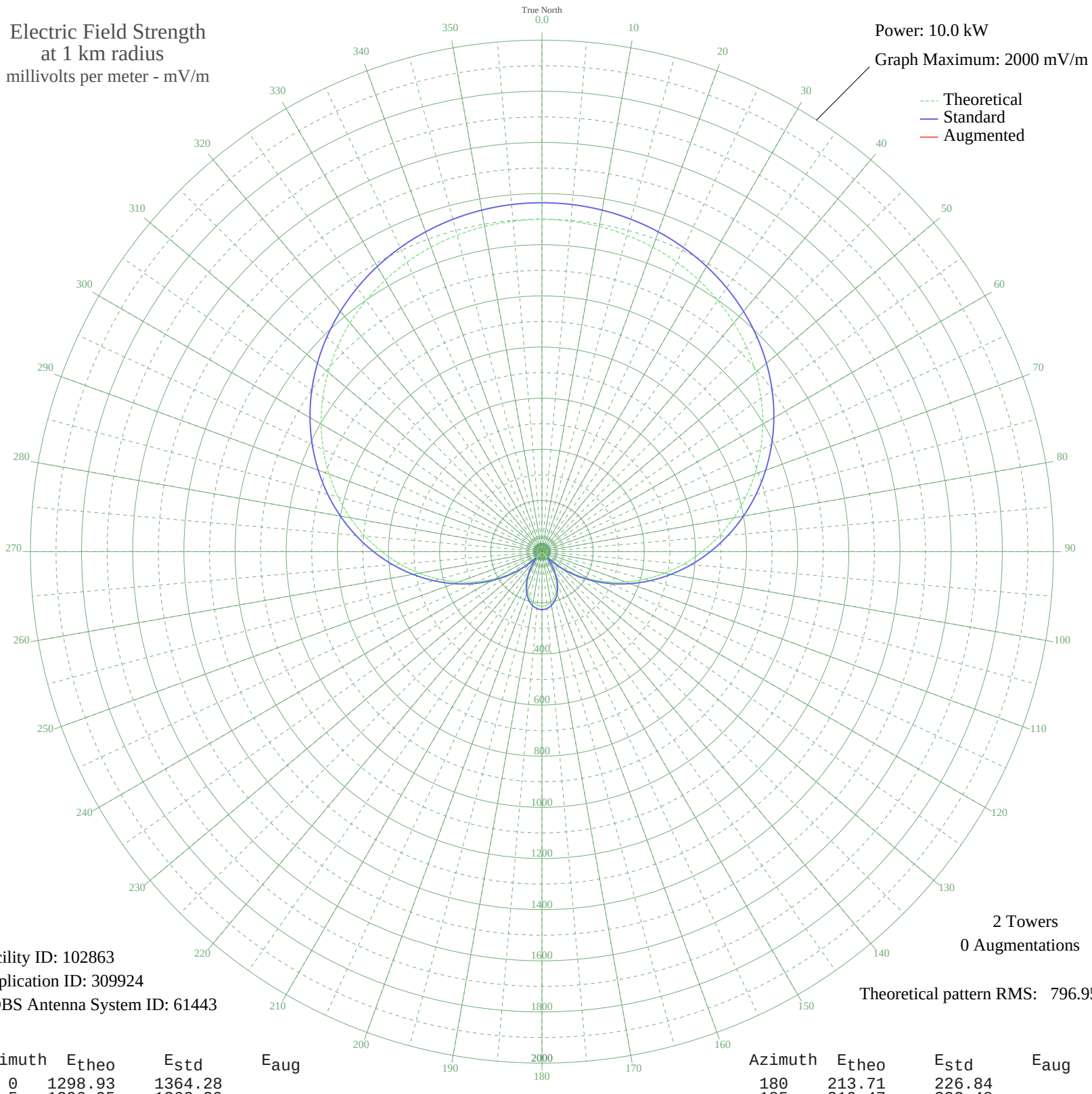
XERPL LEON, GT Mexico -- 1270 kHz

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

2 Towers
0 Augmentations

Facility ID: 102863
Application ID: 309924
CDBS Antenna System ID: 61443

Theoretical pattern RMS: 796.95

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1298.93	1364.28	
5	1296.95	1362.20	
10	1290.96	1355.92	
15	1280.95	1345.40	
20	1266.82	1330.57	
25	1248.49	1311.34	
30	1225.88	1287.60	
35	1198.88	1259.26	
40	1167.41	1226.23	
45	1131.43	1188.47	
50	1090.94	1145.97	
55	1046.00	1098.80	
60	996.71	1047.07	
65	943.27	990.99	
70	885.98	930.87	
75	825.17	867.07	
80	761.31	800.07	
85	694.91	730.41	
90	626.56	658.72	
95	556.90	585.69	
100	486.63	512.03	
105	416.45	438.53	
110	347.10	365.96	
115	279.28	295.12	
120	213.71	226.84	
125	151.03	162.02	
130	91.86	102.01	
135	36.77	50.92	
140	13.75	36.21	
145	59.27	70.54	
150	99.40	109.53	
155	133.85	144.41	
160	162.35	173.67	
165	184.71	196.77	
170	200.79	213.43	
175	210.47	223.48	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	213.71	226.84	
185	210.47	223.48	
190	200.79	213.43	
195	184.71	196.77	
200	162.35	173.67	
205	133.85	144.41	
210	99.40	109.53	
215	59.27	70.54	
220	13.75	36.21	
225	36.77	50.92	
230	91.86	102.01	
235	151.03	162.02	
240	213.71	226.84	
245	279.28	295.12	
250	347.10	365.96	
255	416.45	438.53	
260	486.63	512.03	
265	556.90	585.69	
270	626.56	658.72	
275	694.91	730.41	
280	761.31	800.07	
285	825.17	867.07	
290	885.98	930.87	
295	943.27	990.99	
300	996.71	1047.07	
305	1046.00	1098.80	
310	1090.94	1145.97	
315	1131.43	1188.47	
320	1167.41	1226.23	
325	1198.88	1259.26	
330	1225.88	1287.60	
335	1248.49	1311.34	
340	1266.82	1330.57	
345	1280.95	1345.40	
350	1290.96	1355.92	
355	1296.95	1362.20	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission