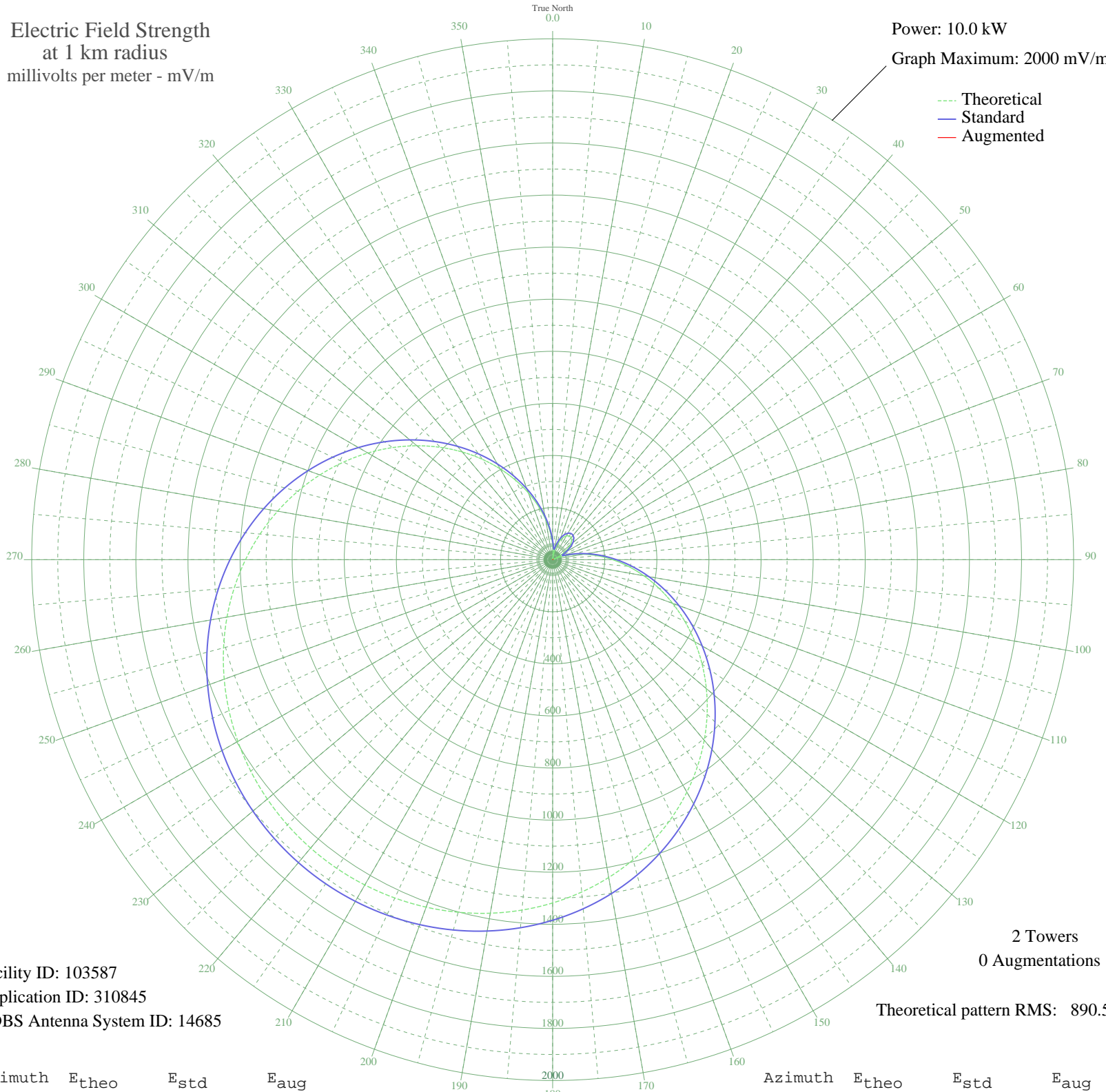


# XELX ZITACUARO, MC Mexico -- 1460 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 103587  
Application ID: 310845  
CDBS Antenna System ID: 14685

2 Towers  
0 Augmentations

Theoretical pattern RMS: 890.53

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	58.43	72.89	
5	16.59	43.06	
10	19.74	44.49	
15	50.28	65.86	
20	74.79	87.85	
25	93.10	105.39	
30	105.07	117.14	
35	110.60	122.63	
40	109.67	121.70	
45	102.28	114.38	
50	88.47	100.90	
55	68.36	81.87	
60	42.09	59.19	
65	9.86	40.71	
70	28.09	49.20	
75	71.45	84.72	
80	119.86	131.86	
85	172.91	185.78	
90	230.15	244.84	
95	291.06	308.14	
100	355.09	374.92	
105	421.66	444.49	
110	490.13	516.15	
115	559.88	589.19	
120	630.24	662.92	
125	700.57	736.66	
130	770.24	809.71	
135	838.63	881.44	
140	905.16	951.23	
145	969.30	1018.52	
150	1030.57	1082.81	
155	1088.54	1143.64	
160	1142.85	1200.63	
165	1193.19	1253.46	
170	1239.31	1301.87	
175	1281.02	1345.65	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1318.19	1384.66	
185	1350.71	1418.79	
190	1378.52	1447.98	
195	1401.59	1472.20	
200	1419.91	1491.43	
205	1433.47	1505.66	
210	1442.28	1514.90	
215	1446.34	1519.16	
220	1445.65	1518.45	
225	1440.23	1512.75	
230	1430.05	1502.07	
235	1415.12	1486.40	
240	1395.44	1465.74	
245	1371.00	1440.09	
250	1341.82	1409.47	
255	1307.96	1373.92	
260	1269.47	1333.52	
265	1226.47	1288.39	
270	1179.11	1238.69	
275	1127.60	1184.63	
280	1072.20	1126.50	
285	1013.24	1064.63	
290	951.10	999.43	
295	886.22	931.36	
300	819.10	860.95	
305	750.28	788.78	
310	680.36	715.46	
315	609.95	641.66	
320	539.70	568.05	
325	470.25	495.33	
330	402.26	424.21	
335	336.37	355.37	
340	273.17	289.52	
345	213.26	227.36	
350	157.18	169.67	
355	105.42	117.48	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission