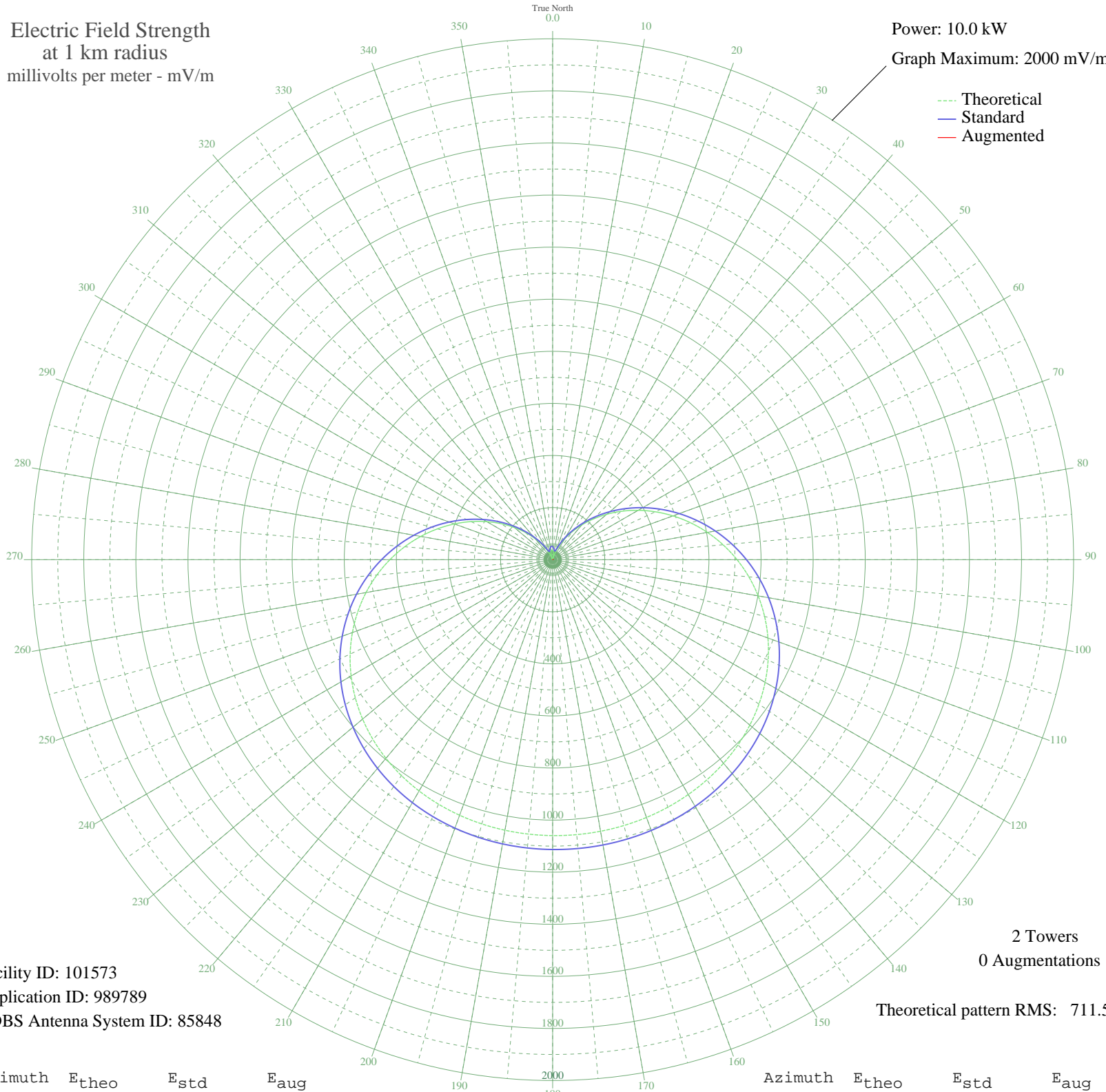


# XETQ ORIZABA, VC Mexico -- 850 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 101573  
Application ID: 989789  
CDBS Antenna System ID: 85848

2 Towers  
0 Augmentations

Theoretical pattern RMS: 711.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	35.97	50.29	
5	28.51	44.70	
10	15.35	36.91	
15	3.39	33.39	
20	27.57	44.05	
25	57.00	68.44	
30	91.39	101.55	
35	130.44	140.93	
40	173.73	185.41	
45	220.80	234.20	
50	271.09	286.57	
55	324.00	341.81	
60	378.85	399.17	
65	434.93	457.88	
70	491.49	517.13	
75	547.78	576.13	
80	603.07	634.09	
85	656.65	690.28	
90	707.87	744.01	
95	756.19	794.69	
100	801.13	841.84	
105	842.34	885.08	
110	879.59	924.17	
115	912.76	958.97	
120	941.84	989.49	
125	966.93	1015.82	
130	988.22	1038.16	
135	1005.98	1056.80	
140	1020.51	1072.05	
145	1032.18	1084.29	
150	1041.32	1093.89	
155	1048.29	1101.20	
160	1053.39	1106.56	
165	1056.89	1110.23	
170	1059.00	1112.45	
175	1059.85	1113.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1059.48	1112.95	
185	1057.89	1111.28	
190	1054.97	1108.22	
195	1050.54	1103.56	
200	1044.35	1097.07	
205	1036.12	1088.43	
210	1025.50	1077.29	
215	1012.16	1063.29	
220	995.73	1046.04	
225	975.89	1025.22	
230	952.34	1000.51	
235	924.88	971.69	
240	893.35	938.61	
245	857.73	901.23	
250	818.08	859.63	
255	774.59	814.00	
260	727.58	764.68	
265	677.45	712.10	
270	624.74	656.82	
275	570.06	599.48	
280	514.08	540.81	
285	457.54	481.56	
290	401.17	422.54	
295	345.74	364.55	
300	291.98	308.37	
305	240.56	254.76	
310	192.13	204.45	
315	147.27	158.16	
320	106.48	116.63	
325	70.17	80.82	
330	38.73	52.50	
335	12.42	35.67	
340	8.52	34.39	
345	23.92	41.63	
350	33.67	48.50	
355	37.70	51.67	

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