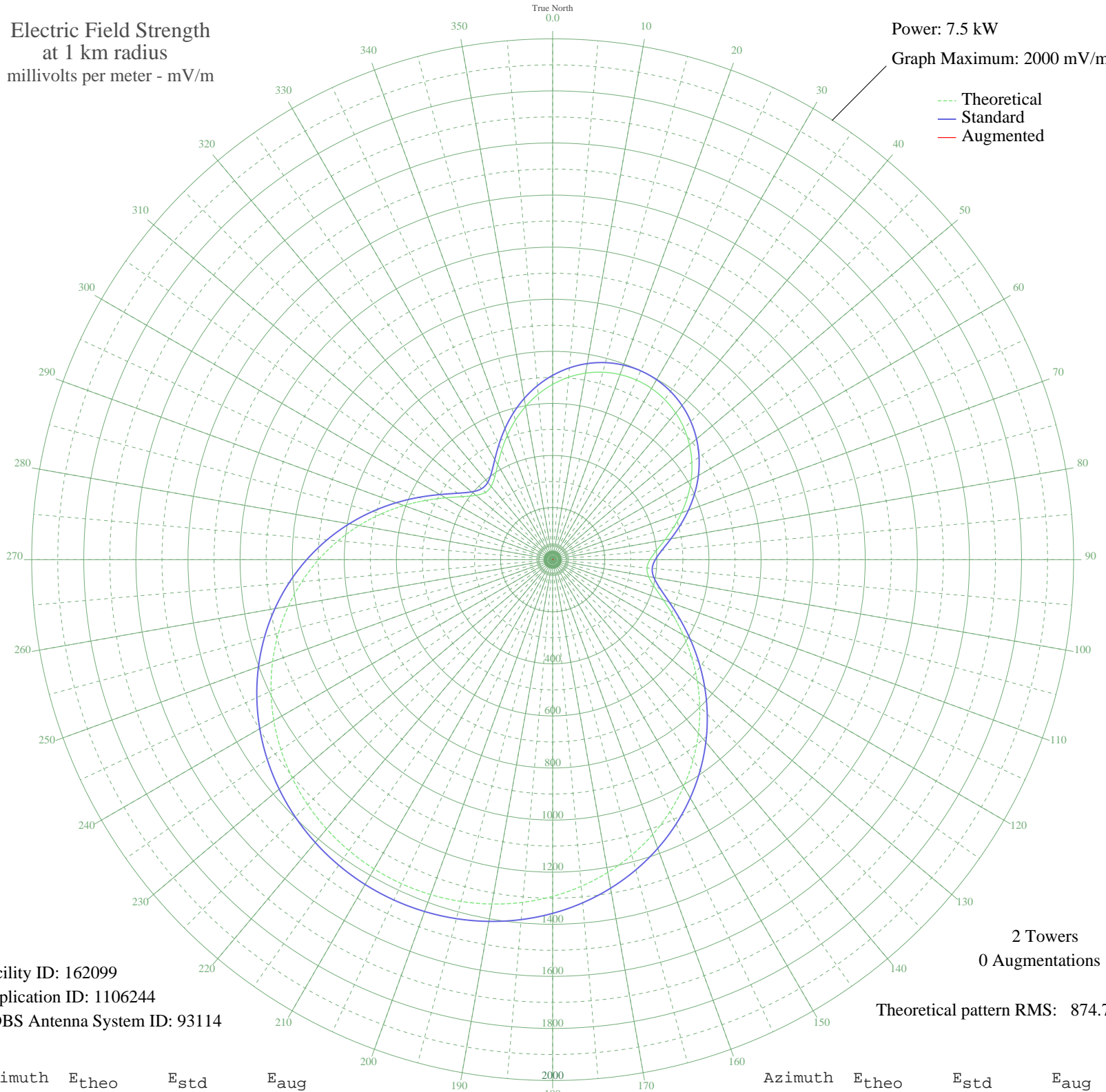


# XEMO TIJUANA, BN Mexico -- 860 kHz

Nighttime

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

Power: 7.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 162099  
Application ID: 1106244  
CDBS Antenna System ID: 93114

2 Towers  
0 Augmentations

Theoretical pattern RMS: 874.74

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	673.04	707.76	
5	703.07	739.24	
10	727.18	764.53	
15	745.03	783.24	
20	756.36	795.13	
25	761.05	800.05	
30	759.04	797.94	
35	750.35	788.83	
40	735.09	772.82	
45	713.45	750.13	
50	685.73	721.06	
55	652.39	686.11	
60	614.09	645.96	
65	571.77	601.61	
70	526.77	554.47	
75	481.04	506.59	
80	437.41	460.92	
85	399.84	421.62	
90	373.44	394.03	
95	363.64	383.79	
100	374.09	394.71	
105	404.73	426.74	
110	452.17	476.37	
115	511.77	538.76	
120	579.21	609.41	
125	651.10	684.76	
130	724.85	762.08	
135	798.49	839.32	
140	870.54	914.89	
145	939.82	987.58	
150	1005.43	1056.42	
155	1066.67	1120.67	
160	1122.99	1179.78	
165	1174.01	1233.32	
170	1219.45	1281.01	
175	1259.13	1322.66	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1292.93	1358.13	
185	1320.80	1387.39	
190	1342.73	1410.40	
195	1358.71	1427.17	
200	1368.76	1437.72	
205	1372.90	1442.06	
210	1371.12	1440.20	
215	1363.44	1432.14	
220	1349.83	1417.85	
225	1330.29	1397.34	
230	1304.79	1370.58	
235	1273.36	1337.59	
240	1236.02	1298.40	
245	1192.87	1253.12	
250	1144.05	1201.88	
255	1089.81	1144.96	
260	1030.48	1082.70	
265	966.55	1015.62	
270	898.64	944.37	
275	827.58	869.82	
280	754.41	793.08	
285	680.50	715.58	
290	607.60	639.16	
295	538.01	566.25	
300	474.81	500.06	
305	421.95	444.74	
310	384.06	405.13	
315	365.30	385.53	
320	367.25	387.57	
325	387.62	408.85	
330	421.39	444.16	
335	463.15	487.85	
340	508.43	535.26	
345	553.99	582.99	
350	597.58	628.66	
355	637.62	670.63	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission