

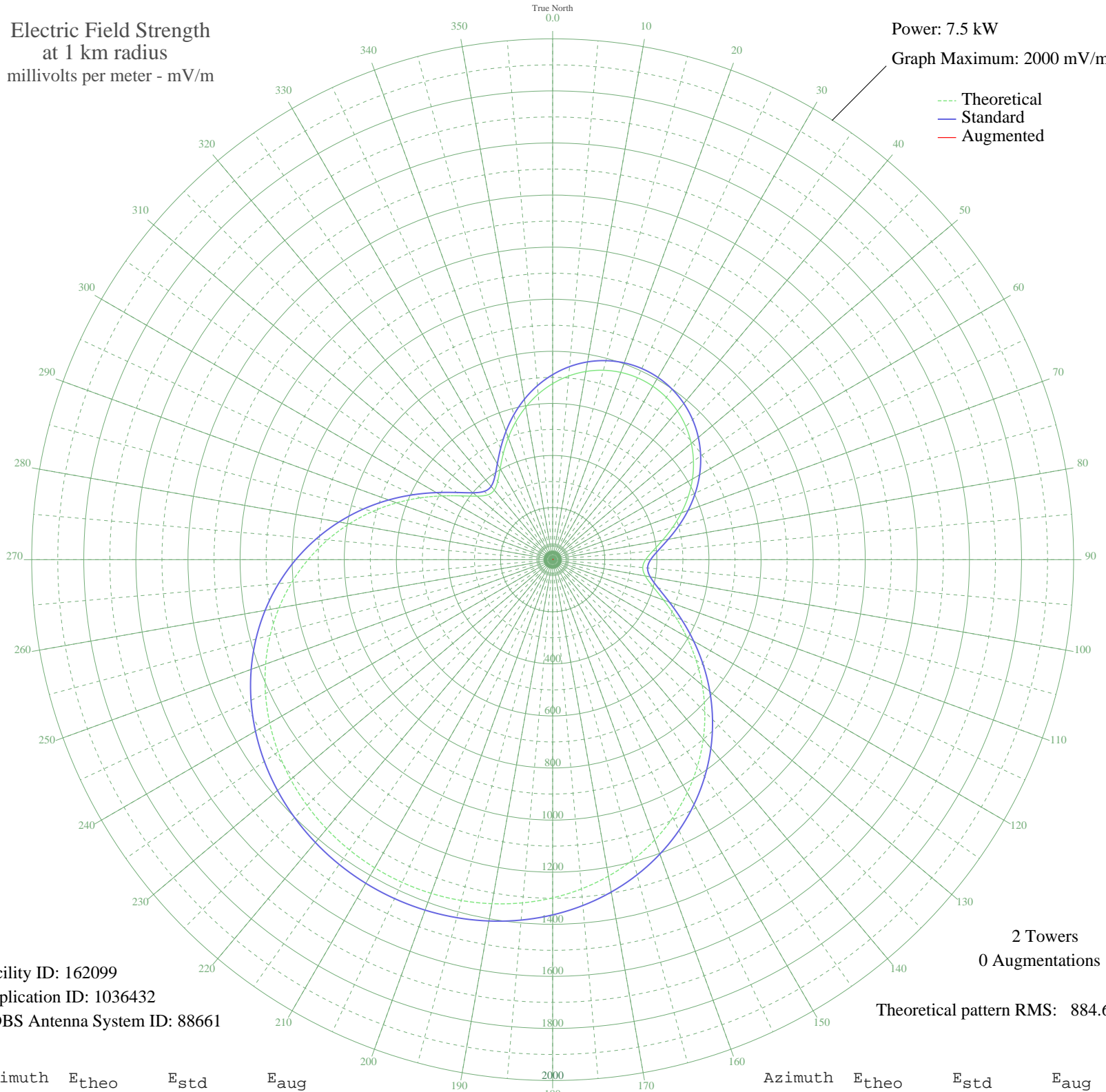
# XEMO TIJUANA, BN Mexico -- 860 kHz

Nighttime

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

Power: 7.5 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 162099  
Application ID: 1036432  
CDBS Antenna System ID: 88661

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 884.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	675.92	710.41	
5	708.02	744.08	
10	733.78	771.10	
15	752.91	791.18	
20	765.23	804.11	
25	770.65	809.79	
30	769.12	808.19	
35	760.66	799.31	
40	745.32	783.22	
45	723.24	760.05	
50	694.65	730.06	
55	659.91	693.61	
60	619.58	651.31	
65	574.53	604.07	
70	526.07	553.27	
75	476.24	501.04	
80	428.11	450.61	
85	386.27	406.79	
90	357.00	376.16	
95	347.18	365.88	
100	361.20	380.55	
105	398.22	419.31	
110	453.24	476.94	
115	520.31	547.22	
120	594.39	624.90	
125	671.76	706.04	
130	749.66	787.77	
135	826.09	867.96	
140	899.53	945.02	
145	968.87	1017.79	
150	1033.30	1085.42	
155	1092.28	1147.32	
160	1145.45	1203.13	
165	1192.65	1252.68	
170	1233.87	1295.94	
175	1269.17	1333.00	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1298.73	1364.03	
185	1322.74	1389.23	
190	1341.42	1408.84	
195	1354.97	1423.07	
200	1363.56	1432.08	
205	1367.30	1436.01	
210	1366.25	1434.90	
215	1360.39	1428.75	
220	1349.63	1417.46	
225	1333.85	1400.89	
230	1312.85	1378.84	
235	1286.42	1351.10	
240	1254.36	1317.45	
245	1216.47	1277.67	
250	1172.62	1231.65	
255	1122.78	1179.34	
260	1067.03	1120.82	
265	1005.60	1056.34	
270	938.92	986.36	
275	867.66	911.58	
280	792.75	832.97	
285	715.46	751.89	
290	637.51	670.12	
295	561.20	590.09	
300	489.67	515.11	
305	427.21	449.66	
310	379.36	399.56	
315	352.02	370.95	
320	348.72	367.49	
325	367.87	387.54	
330	403.54	424.87	
335	448.83	472.31	
340	498.17	524.02	
345	547.70	575.94	
350	594.86	625.39	
355	637.97	670.60	