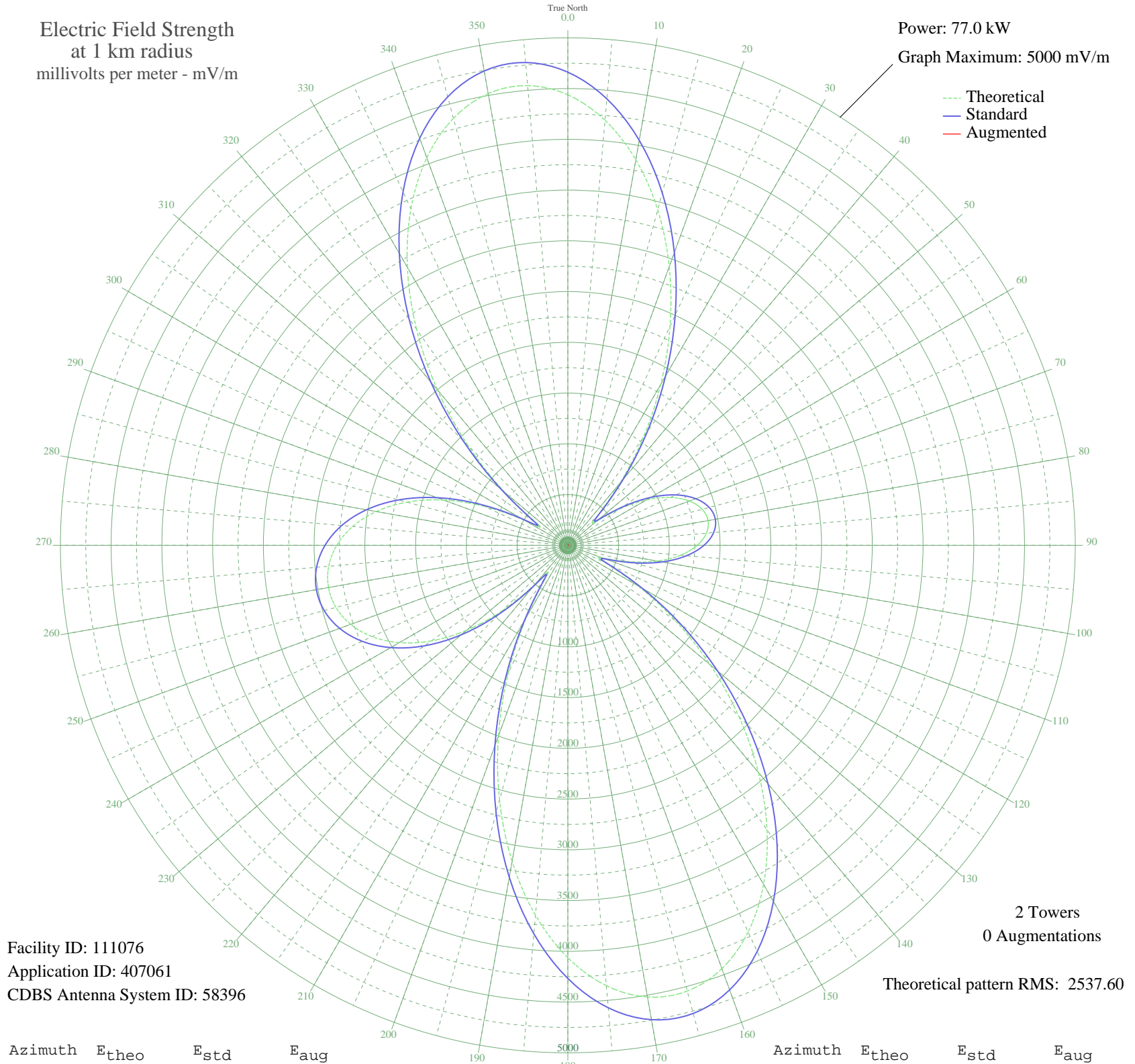


# XETRA1 TIJUANA, BN Mexico -- 690 kHz

Daytime

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

Power: 77.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 111076  
Application ID: 407061  
CDBS Antenna System ID: 58396

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 2537.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4438.64	4661.49	
5	4203.82	4414.98	
10	3857.87	4051.81	
15	3422.15	3594.44	
20	2921.64	3069.10	
25	2382.82	2503.66	
30	1832.08	1925.89	
35	1295.10	1362.97	
40	800.44	845.49	
45	409.93	440.18	
50	364.41	393.56	
55	624.73	662.40	
60	894.81	944.05	
65	1115.15	1174.52	
70	1274.75	1341.66	
75	1370.90	1442.39	
80	1402.98	1476.00	
85	1370.90	1442.39	
90	1274.75	1341.66	
95	1115.15	1174.52	
100	894.81	944.05	
105	624.73	662.40	
110	364.41	393.56	
115	409.93	440.18	
120	800.44	845.49	
125	1295.10	1362.97	
130	1832.08	1925.89	
135	2382.82	2503.66	
140	2921.64	3069.10	
145	3422.15	3594.44	
150	3857.87	4051.81	
155	4203.82	4414.98	
160	4438.64	4661.49	
165	4546.54	4774.76	
170	4518.90	4745.74	
175	4355.23	4573.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4063.28	4267.44	
185	3658.35	3842.37	
190	3161.84	3321.21	
195	2599.39	2730.91	
200	1998.99	2100.97	
205	1390.13	1462.54	
210	808.53	853.94	
215	359.91	388.97	
220	492.62	525.39	
225	909.22	959.11	
230	1304.23	1372.53	
235	1642.40	1726.98	
240	1917.26	2015.23	
245	2128.31	2236.62	
250	2277.02	2392.65	
255	2365.28	2485.25	
260	2394.52	2515.94	
265	2365.28	2485.25	
270	2277.02	2392.65	
275	2128.31	2236.62	
280	1917.26	2015.23	
285	1642.40	1726.98	
290	1304.22	1372.53	
295	909.21	959.11	
300	492.61	525.39	
305	359.91	388.98	
310	808.54	853.95	
315	1390.14	1462.55	
320	1999.00	2100.97	
325	2599.39	2730.92	
330	3161.84	3321.21	
335	3658.35	3842.38	
340	4063.28	4267.44	
345	4355.23	4573.92	
350	4518.90	4745.74	
355	4546.54	4774.76	

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