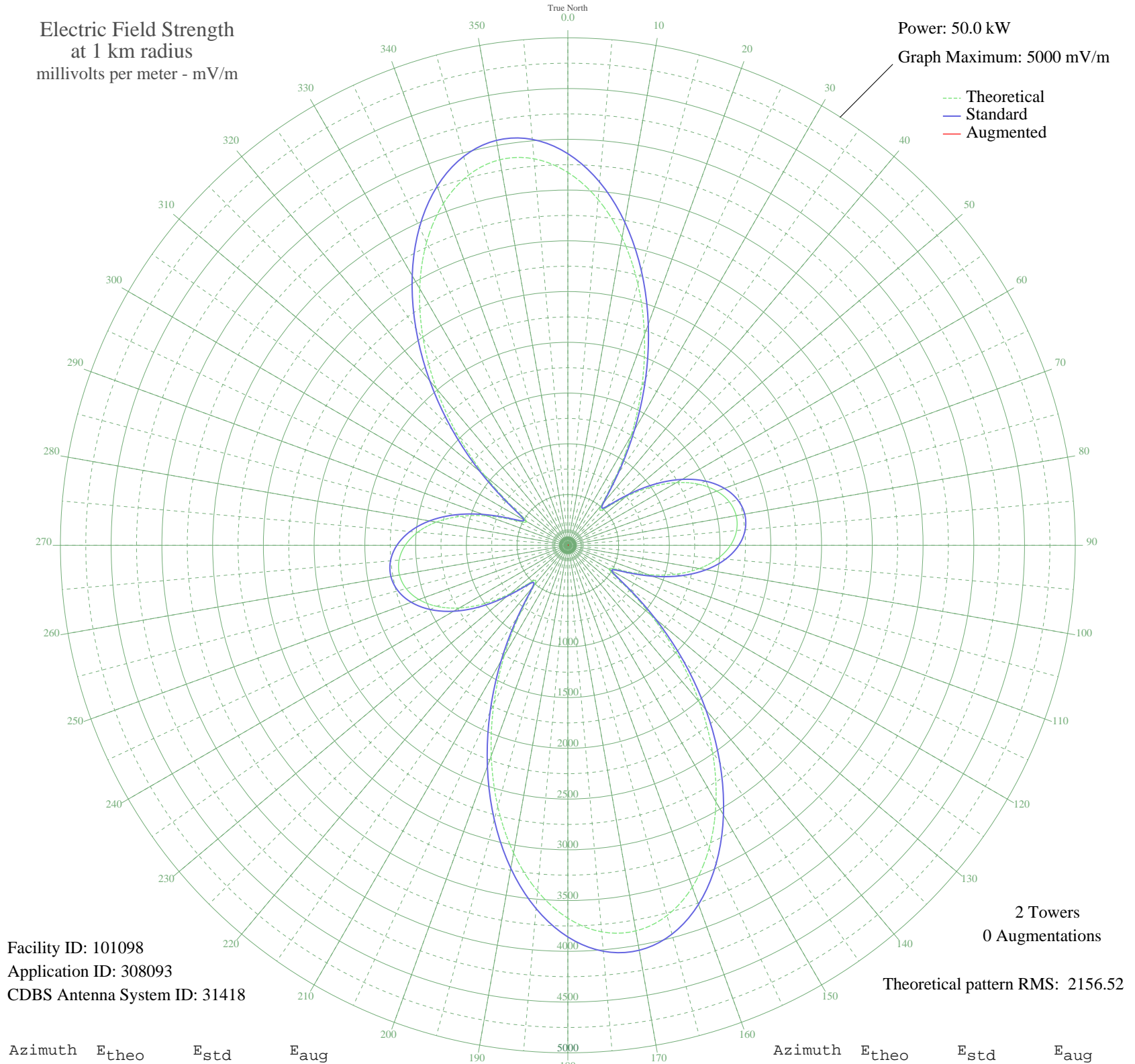


# XETRA TIJUANA, BN Mexico -- 690 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 101098  
Application ID: 308093  
CDBS Antenna System ID: 31418

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 2156.52

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3674.00	3858.41	
5	3420.67	3592.47	
10	3077.83	3232.57	
15	2665.35	2799.60	
20	2206.27	2317.77	
25	1725.61	1813.41	
30	1250.90	1315.54	
35	819.23	863.39	
40	514.19	544.98	
45	509.52	540.12	
50	738.05	778.50	
55	1001.19	1053.86	
60	1235.15	1299.03	
65	1423.53	1496.55	
70	1561.69	1641.46	
75	1648.60	1732.62	
80	1684.32	1770.10	
85	1669.02	1754.04	
90	1602.61	1684.38	
95	1484.92	1560.94	
100	1316.37	1384.18	
105	1099.64	1157.00	
110	844.64	889.98	
115	587.81	621.65	
120	469.22	498.25	
125	673.70	711.27	
130	1070.20	1126.16	
135	1533.31	1611.69	
140	2015.13	2117.19	
145	2485.94	2611.30	
150	2919.96	3066.85	
155	3293.25	3458.71	
160	3584.50	3764.46	
165	3776.49	3966.01	
170	3857.54	4051.09	
175	3822.66	4014.47	

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	3674.00	3858.41	
185	3420.67	3592.47	
190	3077.82	3232.57	
195	2665.35	2799.60	
200	2206.26	2317.77	
205	1725.61	1813.41	
210	1250.89	1315.53	
215	819.23	863.39	
220	514.19	544.98	
225	509.52	540.12	
230	738.05	778.50	
235	1001.19	1053.87	
240	1235.15	1299.03	
245	1423.54	1496.55	
250	1561.69	1641.46	
255	1648.60	1732.62	
260	1684.32	1770.10	
265	1669.02	1754.04	
270	1602.61	1684.38	
275	1484.92	1560.94	
280	1316.36	1384.18	
285	1099.64	1157.00	
290	844.64	889.98	
295	587.81	621.65	
300	469.22	498.25	
305	673.70	711.27	
310	1070.20	1126.16	
315	1533.31	1611.69	
320	2015.13	2117.19	
325	2485.95	2611.30	
330	2919.96	3066.86	
335	3293.25	3458.71	
340	3584.50	3764.46	
345	3776.49	3966.01	
350	3857.54	4051.09	
355	3822.65	4014.47	