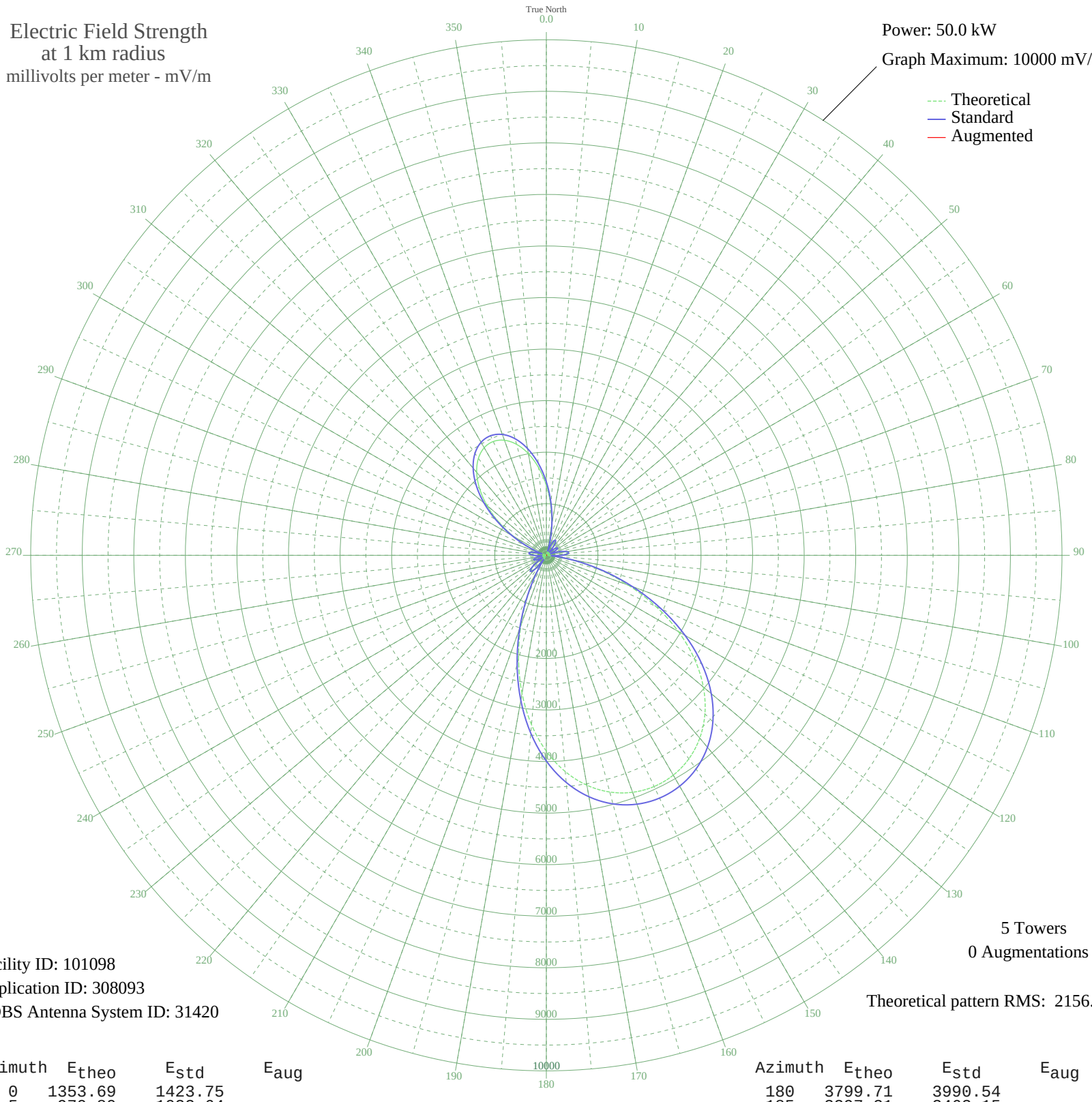
XETRA TIJUANA, BN Mexico -- 690 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

Facility ID: 101098
Application ID: 308093
CDBS Antenna System ID: 31420

5 Towers
0 Augmentations

Theoretical pattern RMS: 2156.52

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1353.69	1423.75	
5	970.80	1022.64	
10	585.78	620.53	
15	233.04	258.11	
20	52.39	98.87	
25	241.19	266.25	
30	317.09	342.93	
35	283.03	308.33	
40	163.91	190.71	
45	3.58	82.25	
50	144.18	172.25	
55	229.41	254.51	
60	220.42	245.59	
65	114.45	145.57	
70	59.45	103.19	
75	246.79	271.84	
80	381.40	408.81	
85	402.24	430.27	
90	268.06	293.21	
95	34.27	89.69	
100	489.22	520.21	
105	1058.94	1114.92	
110	1693.41	1779.97	
115	2341.02	2459.44	
120	2957.08	3106.02	
125	3508.61	3684.96	
130	3975.55	4175.14	
135	4349.19	4567.39	
140	4628.98	4861.12	
145	4818.85	5060.46	
150	4923.89	5170.74	
155	4947.88	5195.92	
160	4891.76	5137.01	
165	4753.36	4991.70	
170	4528.14	4755.25	
175	4211.11	4422.43	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	3799.71	3990.54	
185	3297.31	3463.15	
190	2716.85	2853.87	
195	2083.49	2189.21	
200	1435.24	1509.24	
205	820.34	865.27	
210	290.96	316.36	
215	106.44	138.71	
220	341.85	368.22	
225	410.77	439.07	
230	338.10	364.39	
235	174.41	200.72	
240	15.21	83.70	
245	167.29	193.92	
250	236.22	261.29	
255	205.42	230.81	
260	90.05	125.26	
265	69.29	109.74	
270	219.30	244.49	
275	308.74	334.43	
280	300.58	326.12	
285	178.68	204.82	
290	51.61	98.42	
295	367.96	395.00	
300	737.91	779.15	
305	1126.00	1185.16	
310	1499.41	1576.52	
315	1831.19	1924.50	
320	2101.46	2208.06	
325	2296.96	2413.21	
330	2409.79	2531.61	
335	2436.05	2559.17	
340	2374.90	2495.00	
345	2228.34	2341.20	
350	2001.71	2103.40	
355	1704.90	1792.03	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission