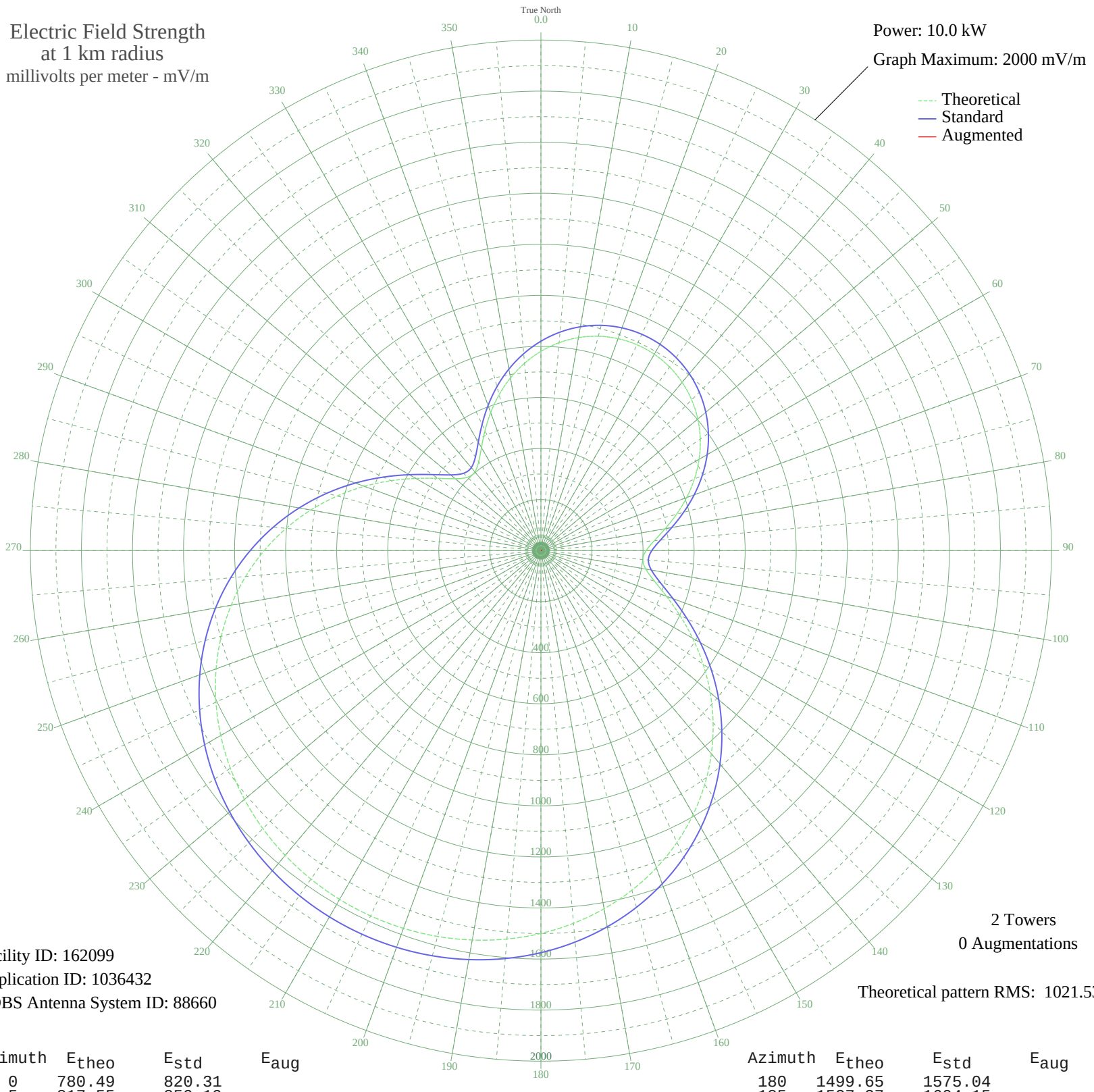
XEMO TIJUANA, BN Mexico -- 860 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 162099
Application ID: 1036432
CDBS Antenna System ID: 88660

Theoretical pattern RMS: 1021.53

Azimuth	E_{theo}	E_{std}	E_{aug}
0	780.49	820.31	
5	817.55	859.19	
10	847.29	890.39	
15	869.39	913.57	
20	883.62	928.50	
25	889.87	935.07	
30	888.11	933.22	
35	878.33	922.96	
40	860.62	904.38	
45	835.13	877.64	
50	802.12	843.00	
55	762.00	800.92	
60	715.43	752.07	
65	663.41	697.52	
70	607.46	638.86	
75	549.92	578.55	
80	494.34	520.32	
85	446.02	469.72	
90	412.23	434.35	
95	400.89	422.49	
100	417.08	439.43	
105	459.83	484.17	
110	523.36	550.72	
115	600.80	631.88	
120	686.35	721.57	
125	775.68	815.27	
130	865.64	909.64	
135	953.88	1002.23	
140	1038.68	1091.22	
145	1118.75	1175.25	
150	1193.16	1253.34	
155	1261.25	1324.81	
160	1322.65	1389.26	
165	1377.16	1446.47	
170	1424.75	1496.42	
175	1465.51	1539.22	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1499.65	1575.04	
185	1527.37	1604.15	
190	1548.94	1626.79	
195	1564.59	1643.22	
200	1574.51	1653.63	
205	1578.83	1658.16	
210	1577.61	1656.89	
215	1570.84	1649.78	
220	1558.42	1636.74	
225	1540.19	1617.61	
230	1515.95	1592.15	
235	1485.43	1560.12	
240	1448.41	1521.26	
245	1404.66	1475.33	
250	1354.03	1422.19	
255	1296.48	1361.78	
260	1232.10	1294.21	
265	1161.16	1219.76	
270	1084.17	1138.96	
275	1001.89	1052.60	
280	915.39	961.84	
285	826.14	868.21	
290	736.13	773.79	
295	648.01	681.38	
300	565.42	594.79	
305	493.30	519.23	
310	438.05	461.38	
315	406.48	428.33	
320	402.67	424.35	
325	424.78	447.49	
330	465.96	490.60	
335	518.26	545.38	
340	575.24	605.09	
345	632.43	665.04	
350	686.89	722.14	
355	736.66	774.34	

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