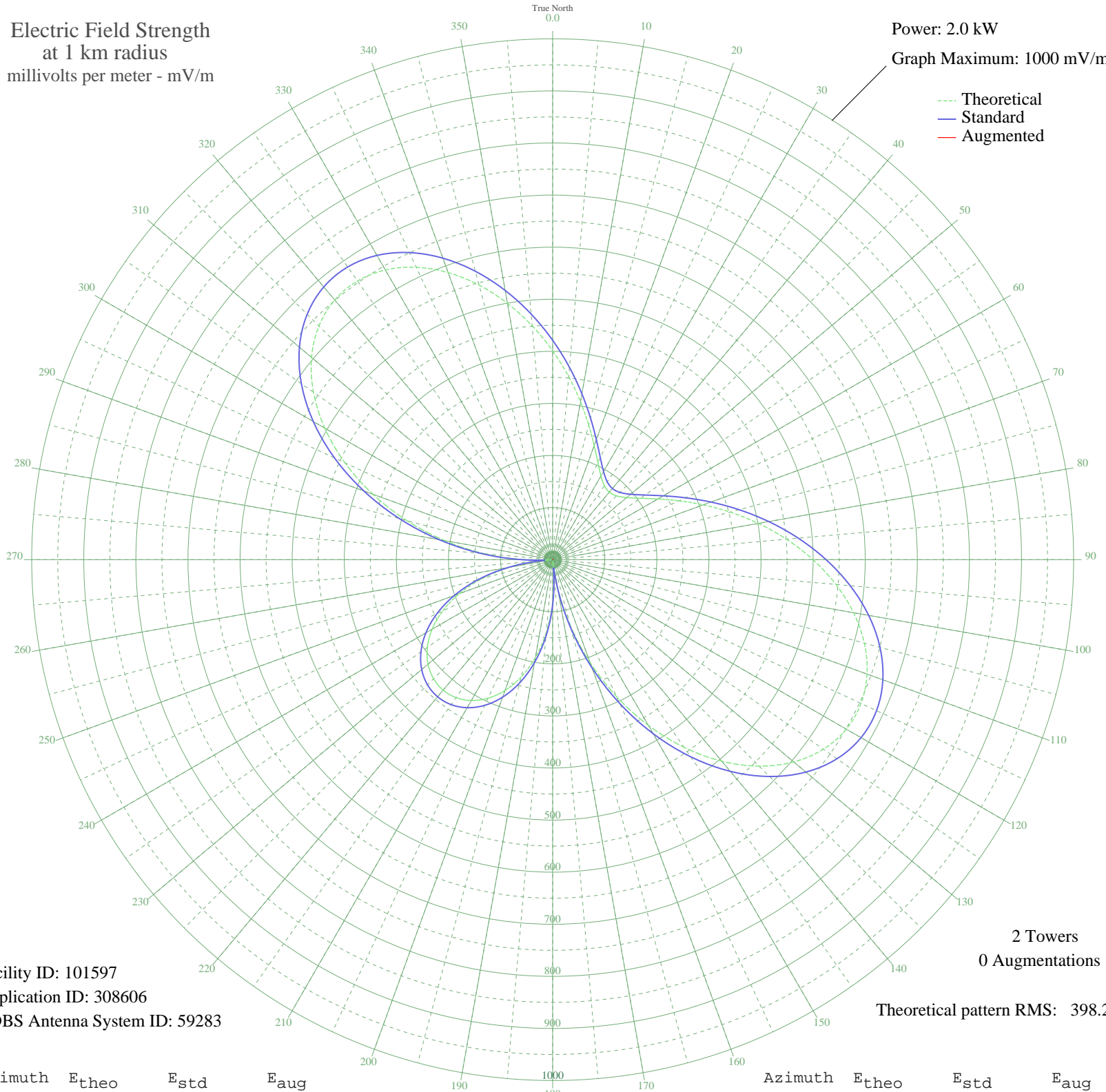


XENL MONTERREY, NL Mexico -- 860 kHz

Nighttime

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

Power: 2.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 101597
Application ID: 308606
CDBS Antenna System ID: 59283

2 Towers
0 Augmentations

Theoretical pattern RMS: 398.29

Azimuth	E _{theo}	E _{std}	E _{aug}
0	400.88	421.19	
5	352.62	370.55	
10	307.62	323.35	
15	267.38	281.14	
20	233.06	245.16	
25	205.56	216.35	
30	185.52	195.36	
35	173.33	182.60	
40	169.24	178.33	
45	173.33	182.60	
50	185.52	195.36	
55	205.56	216.35	
60	233.06	245.16	
65	267.38	281.14	
70	307.62	323.35	
75	352.62	370.55	
80	400.88	421.19	
85	450.60	473.36	
90	499.66	524.86	
95	545.77	573.25	
100	586.48	615.98	
105	619.37	650.51	
110	642.23	674.50	
115	653.17	685.99	
120	650.83	683.53	
125	634.48	666.37	
130	604.14	634.52	
135	560.53	588.74	
140	505.08	530.54	
145	439.80	462.03	
150	367.11	385.75	
155	289.68	304.52	
160	210.19	221.20	
165	131.22	138.58	
170	55.04	59.67	
175	16.47	22.79	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	81.84	87.20	
185	140.05	147.80	
190	190.50	200.58	
195	232.90	245.00	
200	267.22	280.98	
205	293.59	308.63	
210	312.21	328.15	
215	323.28	339.77	
220	326.96	343.63	
225	323.28	339.77	
230	312.21	328.15	
235	293.59	308.63	
240	267.22	280.97	
245	232.90	245.00	
250	190.50	200.58	
255	140.05	147.80	
260	81.84	87.20	
265	16.47	22.79	
270	55.04	59.67	
275	131.22	138.58	
280	210.19	221.20	
285	289.68	304.52	
290	367.11	385.75	
295	439.80	462.03	
300	505.08	530.54	
305	560.53	588.74	
310	604.14	634.52	
315	634.48	666.37	
320	650.83	683.53	
325	653.17	685.99	
330	642.23	674.50	
335	619.37	650.51	
340	586.48	615.98	
345	545.77	573.25	
350	499.66	524.86	
355	450.60	473.36	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission