

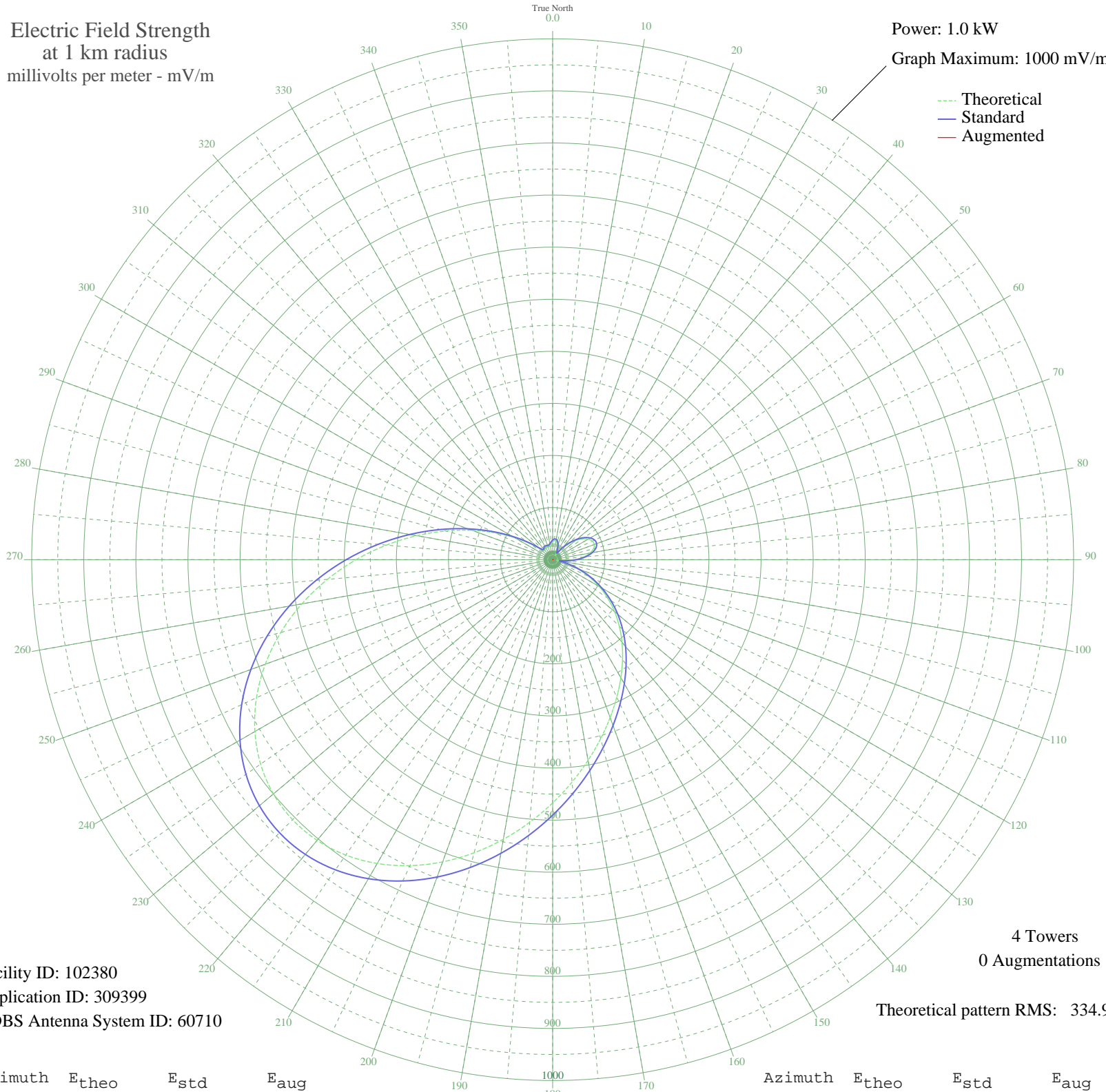
XELEO LEON, GT Mexico -- 1110 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 102380
Application ID: 309399
CDBS Antenna System ID: 60710

4 Towers
0 Augmentations

Theoretical pattern RMS: 334.92

Azimuth	E _{theo}	E _{std}	E _{aug}
0	34.51	37.72	
5	36.59	39.83	
10	36.37	39.60	
15	33.25	36.46	
20	27.08	30.31	
25	18.27	21.87	
30	9.54	14.51	
35	13.87	17.96	
40	27.70	30.92	
45	42.80	46.15	
50	57.15	60.92	
55	69.48	73.70	
60	78.73	83.33	
65	84.08	88.91	
70	84.99	89.85	
75	81.16	85.87	
80	72.63	76.98	
85	59.69	63.55	
90	42.91	46.26	
95	23.19	26.51	
100	7.04	12.84	
105	26.13	29.37	
110	51.24	54.82	
115	77.16	81.70	
120	103.25	108.92	
125	129.24	136.11	
130	155.08	163.17	
135	180.93	190.26	
140	207.06	217.66	
145	233.87	245.79	
150	261.79	275.08	
155	291.24	305.98	
160	322.54	338.83	
165	355.89	373.83	
170	391.28	410.98	
175	428.49	450.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	467.06	490.53	
185	506.27	531.69	
190	545.18	572.54	
195	582.66	611.88	
200	617.43	648.39	
205	648.16	680.65	
210	673.52	707.27	
215	692.29	726.98	
220	703.40	738.65	
225	706.06	741.44	
230	699.76	734.83	
235	684.34	718.63	
240	659.98	693.05	
245	627.23	658.68	
250	586.98	616.42	
255	540.39	567.50	
260	488.84	513.39	
265	433.90	455.71	
270	377.19	396.19	
275	320.37	336.55	
280	265.02	278.47	
285	212.60	223.48	
290	164.40	172.94	
295	121.52	128.03	
300	84.89	89.75	
305	55.40	59.11	
310	34.35	37.57	
315	23.89	27.19	
320	23.23	26.56	
325	25.60	28.86	
330	26.80	30.03	
335	26.38	29.63	
340	25.47	28.73	
345	25.60	28.86	
350	27.66	30.89	
355	31.09	34.29	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission