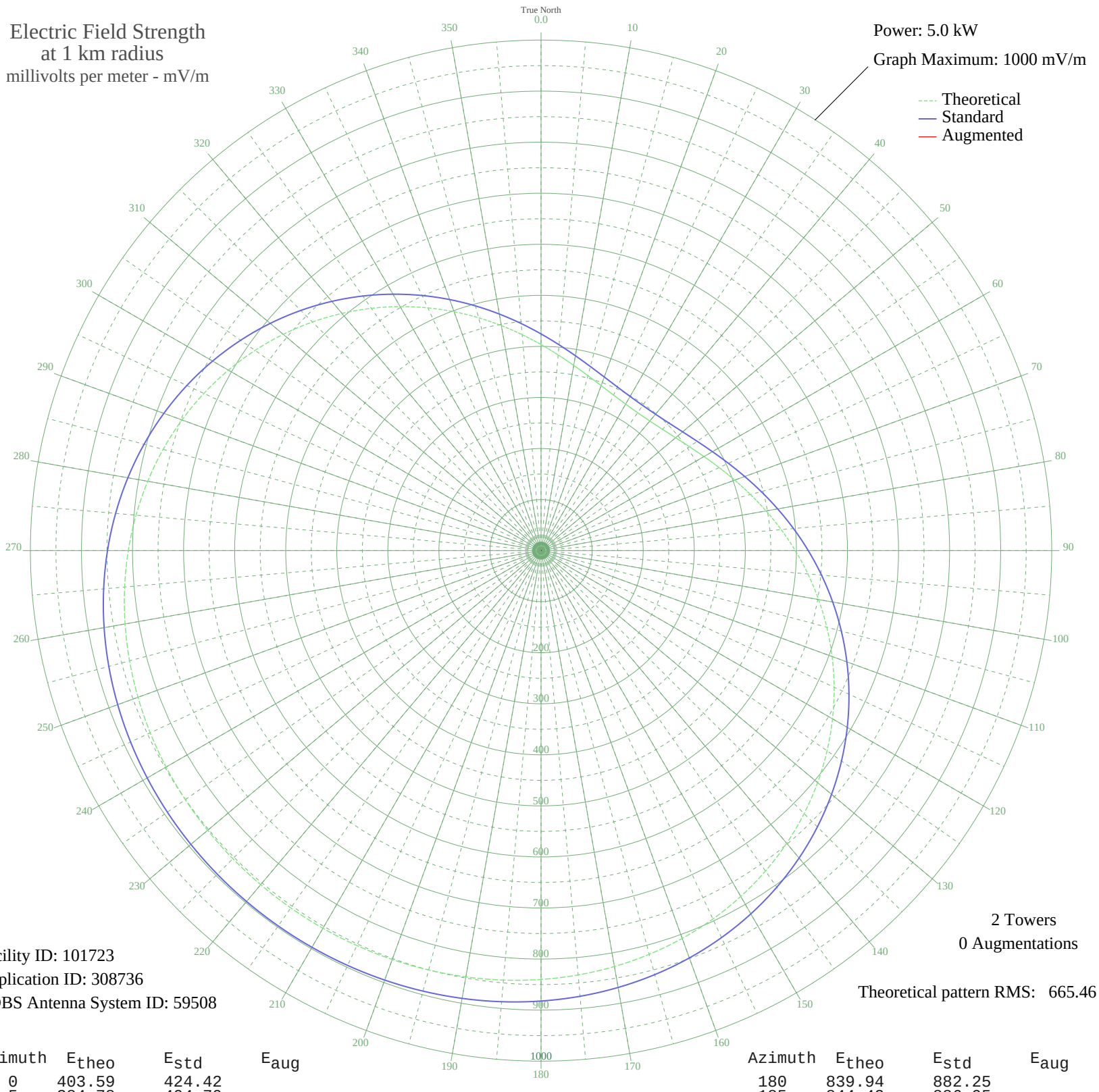
XEACN LEON, GT Mexico -- 910 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 101723
Application ID: 308736
CDBS Antenna System ID: 59508

Theoretical pattern RMS: 665.46

Azimuth	E_{theo}	E_{std}	E_{aug}
0	403.59	424.42	
5	384.78	404.70	
10	368.43	387.57	
15	354.76	373.24	
20	343.94	361.90	
25	336.11	353.69	
30	331.37	348.73	
35	329.79	347.07	
40	331.37	348.73	
45	336.11	353.69	
50	343.94	361.90	
55	354.76	373.24	
60	368.43	387.57	
65	384.78	404.70	
70	403.59	424.42	
75	424.60	446.45	
80	447.54	470.50	
85	472.08	496.24	
90	497.89	523.31	
95	524.61	551.35	
100	551.88	579.95	
105	579.31	608.73	
110	606.55	637.31	
115	633.23	665.31	
120	659.05	692.40	
125	683.69	718.26	
130	706.91	742.63	
135	728.50	765.29	
140	748.30	786.07	
145	766.20	804.86	
150	782.16	821.61	
155	796.18	836.31	
160	808.29	849.03	
165	818.58	859.83	
170	827.19	868.87	
175	834.25	876.28	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	839.94	882.25	
185	844.42	886.95	
190	847.86	890.56	
195	850.42	893.25	
200	852.26	895.18	
205	853.48	896.46	
210	854.18	897.19	
215	854.40	897.43	
220	854.18	897.19	
225	853.48	896.46	
230	852.26	895.18	
235	850.42	893.25	
240	847.86	890.56	
245	844.42	886.95	
250	839.94	882.25	
255	834.25	876.28	
260	827.19	868.87	
265	818.58	859.83	
270	808.29	849.02	
275	796.17	836.31	
280	782.16	821.61	
285	766.20	804.86	
290	748.30	786.07	
295	728.50	765.29	
300	706.91	742.63	
305	683.69	718.26	
310	659.05	692.40	
315	633.23	665.31	
320	606.55	637.31	
325	579.31	608.73	
330	551.88	579.95	
335	524.61	551.35	
340	497.89	523.31	
345	472.08	496.24	
350	447.54	470.50	
355	424.60	446.45	

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