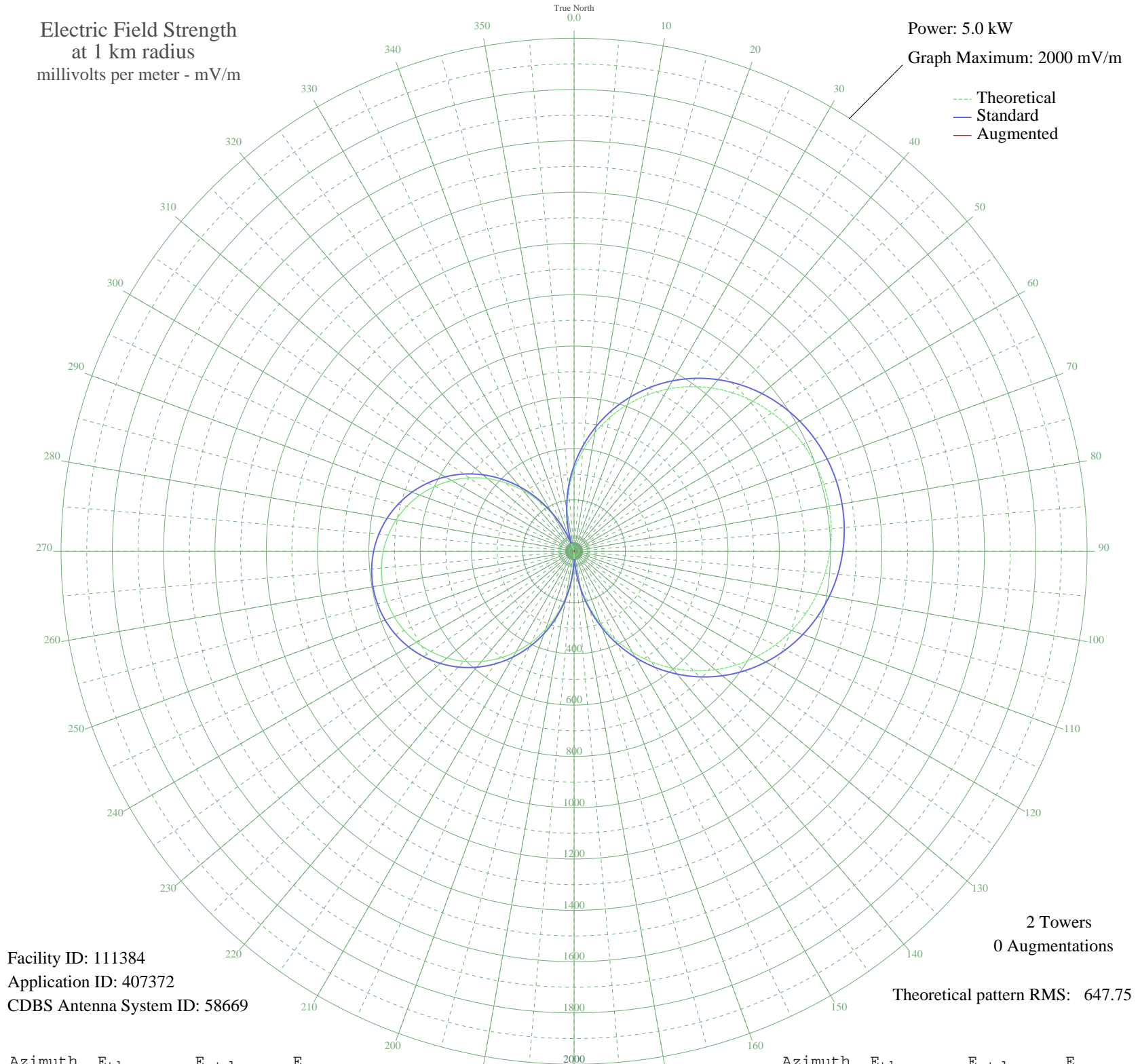


XEQF1 LOMA BONITA, OA Mexico -- 750 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 111384
Application ID: 407372
CDBS Antenna System ID: 58669

2 Towers
0 Augmentations
Theoretical pattern RMS: 647.75

Azimuth	E _{theo}	E _{std}	E _{aug}
0	316.41	333.72	
5	393.99	414.89	
10	468.89	493.34	
15	540.45	568.35	
20	608.10	639.29	
25	671.36	705.63	
30	729.81	766.94	
35	783.12	822.88	
40	831.05	873.17	
45	873.44	917.65	
50	910.15	956.18	
55	941.14	988.70	
60	966.38	1015.19	
65	985.86	1035.63	
70	999.60	1050.05	
75	1007.60	1058.45	
80	1009.89	1060.85	
85	1006.46	1057.25	
90	997.31	1047.65	
95	982.42	1032.03	
100	961.79	1010.38	
105	935.41	982.68	
110	903.27	948.95	
115	865.41	909.23	
120	821.91	863.58	
125	772.88	812.14	
130	718.52	755.10	
135	659.08	692.75	
140	594.91	625.45	
145	526.43	553.65	
150	454.15	477.90	
155	378.67	398.85	
160	300.63	317.23	
165	220.77	233.95	
170	139.86	150.20	
175	58.69	69.21	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	21.94	39.04	
185	101.23	110.86	
190	178.40	189.95	
195	252.75	267.25	
200	323.60	341.24	
205	390.36	411.09	
210	452.52	476.19	
215	509.63	536.04	
220	561.33	590.24	
225	607.35	638.49	
230	647.44	680.54	
235	681.46	716.23	
240	709.29	745.42	
245	730.85	768.04	
250	746.10	784.03	
255	755.00	793.37	
260	757.54	796.04	
265	753.73	792.04	
270	743.55	781.37	
275	727.04	764.04	
280	704.22	740.11	
285	675.15	709.61	
290	639.90	672.64	
295	598.61	629.33	
300	551.44	579.87	
305	498.63	524.51	
310	440.48	463.57	
315	377.36	397.48	
320	309.74	326.75	
325	238.14	252.02	
330	163.17	174.20	
335	85.51	95.16	
340	5.90	32.12	
345	74.90	84.73	
350	156.09	166.90	
355	236.86	250.69	

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