

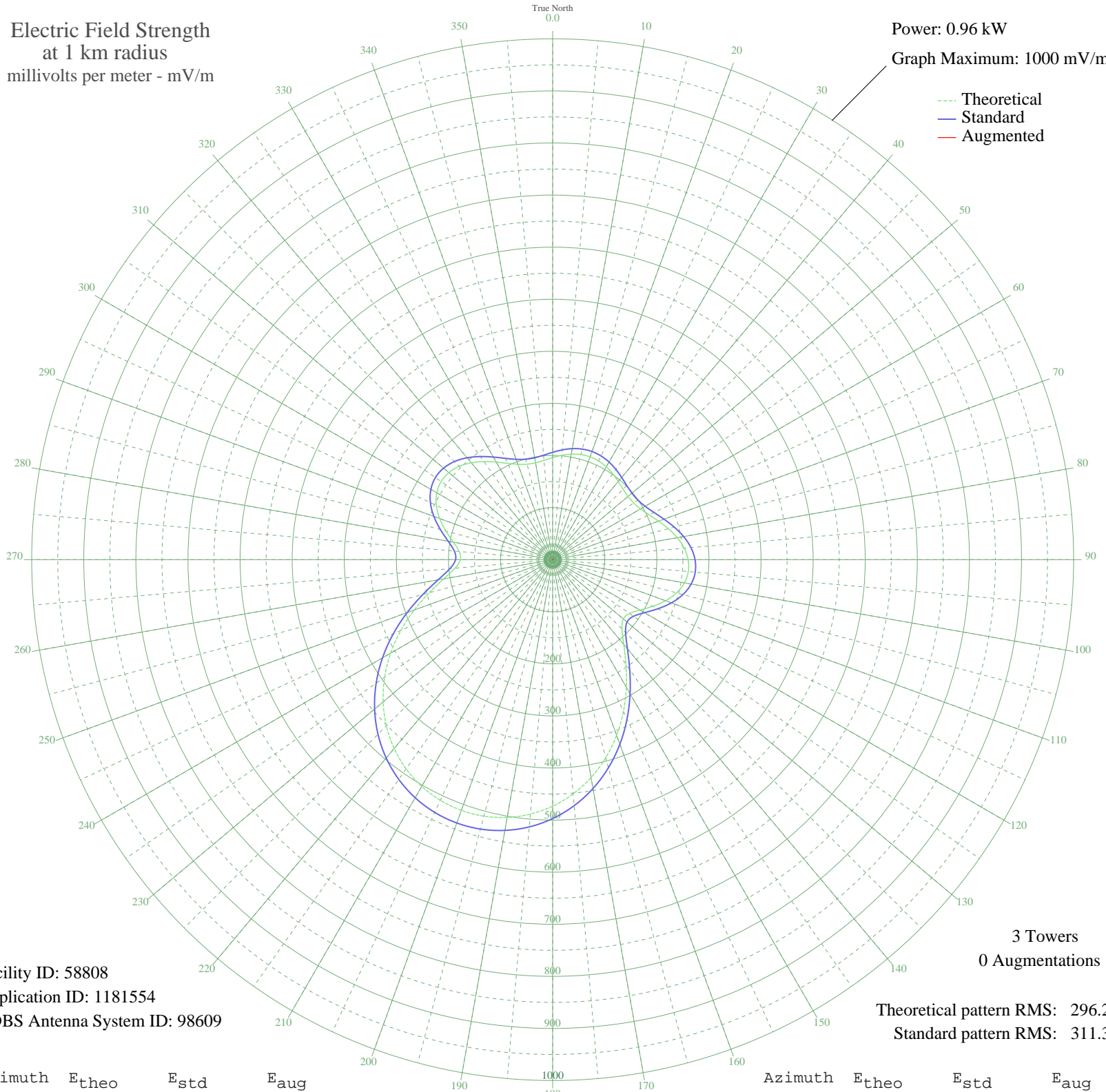
KTIE SAN BERNARDINO, CA BL-20070321AEG 590 kHz

Nighttime

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

Power: 0.96 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 58808
Application ID: 1181554
CDBS Antenna System ID: 98609

3 Towers
0 Augmentations

Theoretical pattern RMS: 296.26
Standard pattern RMS: 311.32

Azimuth	E _{theo}	E _{std}	E _{aug}
0	195.90	206.07	
5	201.13	211.56	
10	205.78	216.43	
15	208.93	219.73	
20	210.04	220.90	
25	208.93	219.73	
30	205.78	216.43	
35	201.13	211.56	
40	195.90	206.07	
45	191.32	201.28	
50	188.84	198.68	
55	189.77	199.65	
60	194.87	205.00	
65	204.04	214.61	
70	216.24	227.40	
75	229.82	241.64	
80	242.86	255.31	
85	253.47	266.44	
90	260.05	273.33	
95	261.38	274.73	
100	256.79	269.92	
105	246.30	258.92	
110	230.74	242.60	
115	212.04	222.99	
120	193.51	203.57	
125	180.04	189.46	
130	177.16	186.44	
135	188.26	198.07	
140	212.32	223.29	
145	245.29	257.85	
150	282.80	297.20	
155	321.48	337.78	
160	358.98	377.13	
165	393.73	413.60	
170	424.73	446.14	
175	451.36	474.09	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	473.29	497.11	
185	490.36	515.03	
190	502.54	527.82	
195	509.83	535.47	
200	512.26	538.02	
205	509.83	535.47	
210	502.54	527.82	
215	490.36	515.03	
220	473.29	497.11	
225	451.36	474.09	
230	424.73	446.14	
235	393.73	413.60	
240	358.98	377.13	
245	321.48	337.78	
250	282.79	297.20	
255	245.28	257.85	
260	212.32	223.29	
265	188.26	198.07	
270	177.16	186.44	
275	180.04	189.46	
280	193.51	203.57	
285	212.04	222.99	
290	230.74	242.60	
295	246.30	258.92	
300	256.79	269.92	
305	261.38	274.73	
310	260.05	273.33	
315	253.47	266.44	
320	242.86	255.31	
325	229.82	241.64	
330	216.24	227.40	
335	204.04	214.61	
340	194.87	205.00	
345	189.77	199.65	
350	188.84	198.68	
355	191.32	201.28	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission