

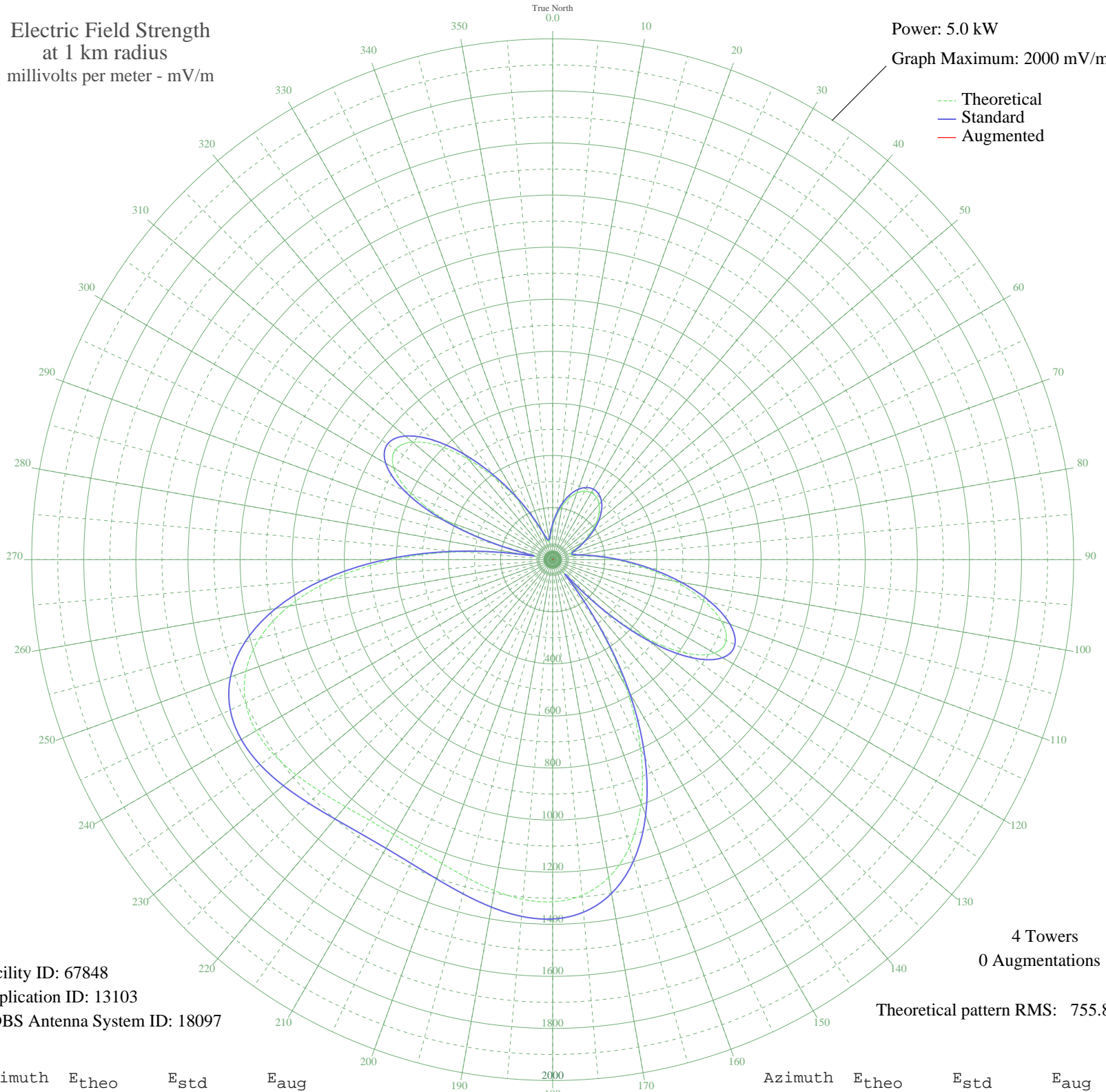
KCTC SACRAMENTO, CA BL-19790816AB 1320 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 67848  
Application ID: 13103  
CDBS Antenna System ID: 18097

4 Towers  
0 Augmentations

Theoretical pattern RMS: 755.88

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	128.48	136.93	
5	169.43	179.44	
10	209.83	221.57	
15	245.24	258.57	
20	272.63	287.22	
25	290.15	305.56	
30	296.84	312.57	
35	292.37	307.89	
40	276.96	291.76	
45	251.44	265.05	
50	217.43	229.51	
55	177.72	188.07	
60	136.44	145.18	
65	99.39	106.97	
70	74.41	81.59	
75	71.63	78.79	
80	98.17	105.72	
85	155.27	164.72	
90	242.18	255.38	
95	353.62	372.04	
100	477.71	502.14	
105	596.69	626.96	
110	689.38	724.23	
115	734.90	772.00	
120	716.79	752.99	
125	626.71	658.46	
130	466.68	490.58	
135	250.35	263.92	
140	64.44	71.62	
145	298.24	314.03	
150	561.67	590.22	
155	798.80	839.07	
160	994.26	1044.23	
165	1141.07	1198.35	
170	1239.19	1301.36	
175	1293.90	1358.80	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1313.87	1379.76	
185	1309.20	1374.86	
190	1289.97	1354.67	
195	1265.10	1328.56	
200	1241.77	1304.07	
205	1225.20	1286.67	
210	1218.55	1279.69	
215	1223.01	1284.37	
220	1237.79	1299.89	
225	1260.11	1323.33	
230	1285.19	1349.65	
235	1306.21	1371.72	
240	1314.57	1380.50	
245	1300.36	1365.58	
250	1253.36	1316.24	
255	1164.48	1222.93	
260	1027.60	1079.24	
265	841.56	883.95	
270	611.83	642.85	
275	351.90	370.24	
280	94.65	102.12	
285	202.83	214.26	
290	427.25	449.23	
295	600.04	630.48	
300	704.62	740.23	
305	736.77	773.96	
310	702.88	738.40	
315	618.03	649.35	
320	502.56	528.21	
325	377.92	397.51	
330	262.79	276.93	
335	170.35	180.40	
340	107.14	114.92	
345	74.51	81.68	
350	71.75	78.91	
355	93.13	100.57	