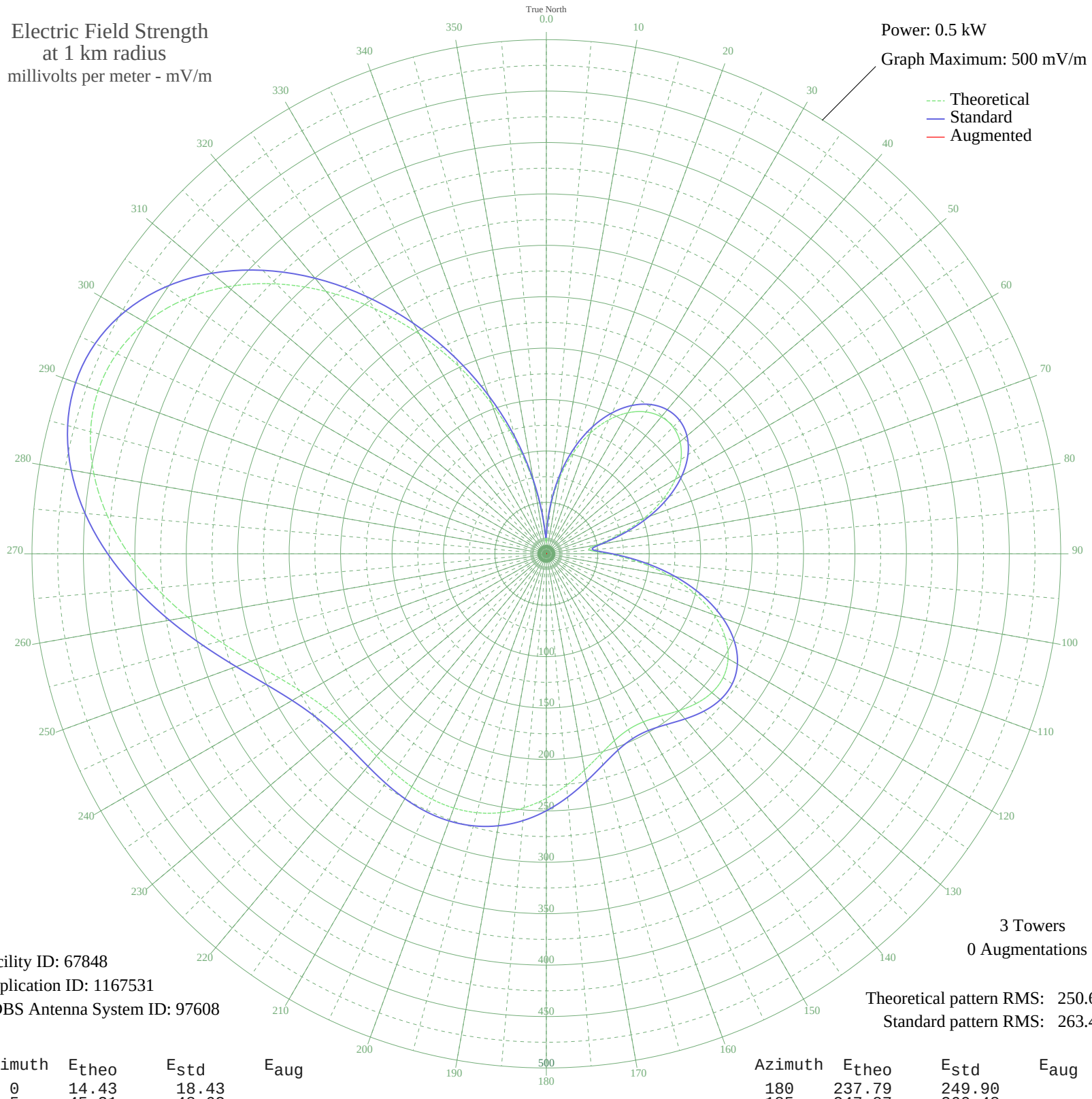
KCTC WEST SACRAMENTO, CA BP-20070119ACI 1320 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 67848
Application ID: 1167531
CDBS Antenna System ID: 97608

Theoretical pattern RMS: 250.60
Standard pattern RMS: 263.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	14.43	18.43	
5	45.21	48.62	
10	75.29	79.75	
15	101.98	107.59	
20	124.88	131.54	
25	143.74	151.29	
30	158.35	166.60	
35	168.47	177.20	
40	173.87	182.86	
45	174.32	183.33	
50	169.64	178.44	
55	159.76	168.08	
60	144.73	152.33	
65	124.88	131.54	
70	100.93	106.50	
75	74.56	78.98	
80	50.28	53.83	
85	41.97	45.30	
90	60.18	64.06	
95	89.78	94.85	
100	120.74	127.21	
105	149.30	157.11	
110	173.42	182.39	
115	191.87	201.73	
120	204.01	214.46	
125	209.84	220.58	
130	210.04	220.79	
135	205.92	216.47	
140	199.43	209.66	
145	192.90	202.82	
150	188.71	198.43	
155	188.65	198.36	
160	193.36	203.30	
165	202.19	212.56	
170	213.65	224.58	
175	226.02	237.55	
180	237.79	249.90	
185	247.87	260.48	
190	255.58	268.57	
195	260.65	273.88	
200	263.10	276.46	
205	263.27	276.63	
210	261.70	274.99	
215	259.19	272.35	
220	256.74	269.78	
225	255.53	268.51	
230	256.84	269.88	
235	261.86	275.15	
240	271.49	285.26	
245	286.11	300.60	
250	305.43	320.87	
255	328.57	345.15	
260	354.16	372.02	
265	380.56	399.73	
270	405.96	426.38	
275	428.54	450.09	
280	446.61	469.06	
285	458.70	481.74	
290	463.65	486.95	
295	460.74	483.89	
300	449.66	472.26	
305	430.59	452.24	
310	404.12	424.45	
315	371.19	389.90	
320	333.04	349.85	
325	291.03	305.76	
330	246.54	259.08	
335	200.93	211.23	
340	155.38	163.49	
345	110.94	116.96	
350	68.52	72.71	
355	29.39	32.60	

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