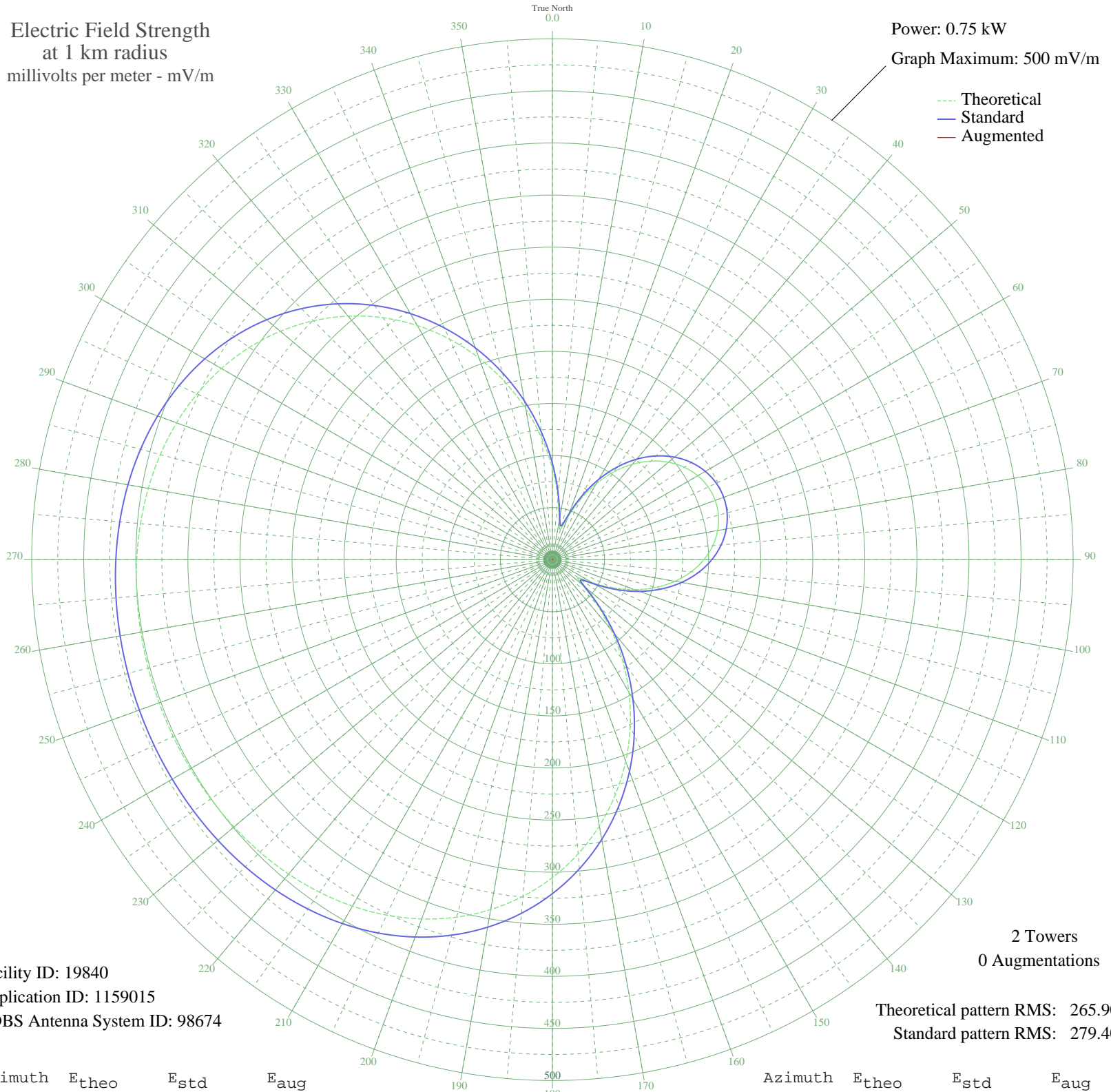


KWSW EUREKA, CA BP-20070417AAT 790 kHz

Nighttime

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

Power: 0.75 kW
Graph Maximum: 500 mV/m



Facility ID: 19840
Application ID: 1159015
CDBS Antenna System ID: 98674

2 Towers
0 Augmentations

Theoretical pattern RMS: 265.90
Standard pattern RMS: 279.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	87.51	92.49	
5	59.89	63.76	
10	37.40	40.65	
15	30.43	33.63	
20	43.83	47.21	
25	63.90	67.91	
30	84.15	88.98	
35	102.89	108.55	
40	119.51	125.93	
45	133.75	140.83	
50	145.47	153.10	
55	154.61	162.68	
60	161.15	169.53	
65	165.07	173.64	
70	166.38	175.01	
75	165.07	173.64	
80	161.15	169.53	
85	154.61	162.68	
90	145.47	153.10	
95	133.75	140.83	
100	119.51	125.93	
105	102.89	108.55	
110	84.15	88.98	
115	63.90	67.91	
120	43.83	47.21	
125	30.43	33.63	
130	37.40	40.65	
135	59.89	63.76	
140	87.51	92.49	
145	116.96	123.26	
150	146.97	154.68	
155	176.79	185.92	
160	205.81	216.35	
165	233.54	245.44	
170	259.55	272.73	
175	283.52	297.88	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	305.18	320.61	
185	324.39	340.77	
190	341.06	358.27	
195	355.23	373.14	
200	366.99	385.49	
205	376.52	395.48	
210	384.02	403.36	
215	389.76	409.38	
220	394.01	413.84	
225	397.04	417.02	
230	399.11	419.20	
235	400.46	420.62	
240	401.28	421.48	
245	401.71	421.93	
250	401.85	422.07	
255	401.71	421.93	
260	401.28	421.48	
265	400.46	420.62	
270	399.11	419.20	
275	397.04	417.02	
280	394.01	413.84	
285	389.76	409.38	
290	384.02	403.36	
295	376.52	395.48	
300	366.99	385.49	
305	355.23	373.14	
310	341.06	358.27	
315	324.39	340.77	
320	305.18	320.61	
325	283.52	297.88	
330	259.55	272.73	
335	233.54	245.44	
340	205.81	216.35	
345	176.79	185.92	
350	146.97	154.68	
355	116.96	123.26	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission