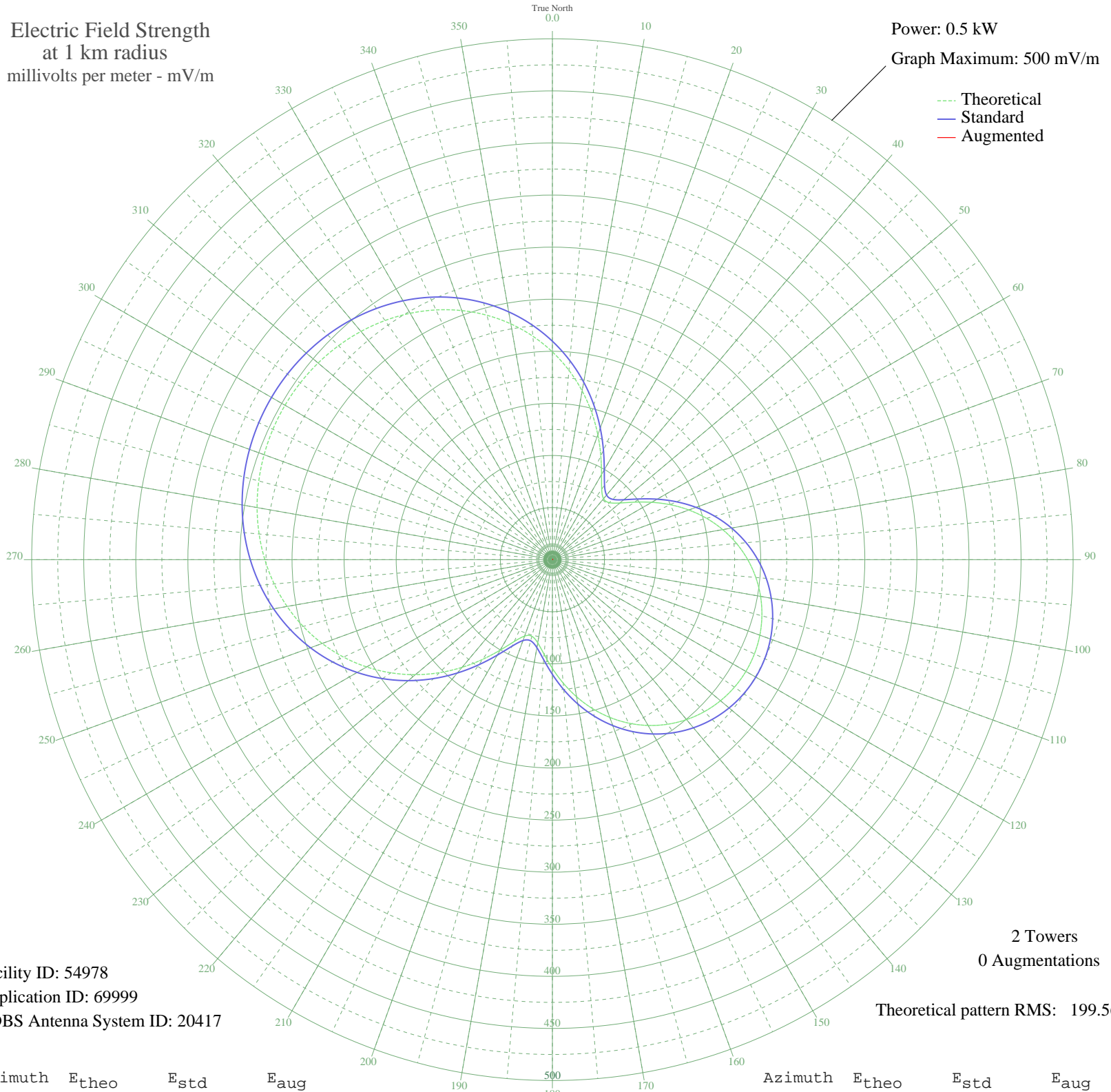


KPCO QUINCY, CA BL-19840604AA 1370 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 54978  
Application ID: 69999  
CDBS Antenna System ID: 20417

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 199.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	199.47	209.71	
5	182.44	191.85	
10	164.50	173.04	
15	146.03	153.69	
20	127.58	134.37	
25	109.96	115.94	
30	94.37	99.64	
35	82.52	87.28	
40	76.43	80.94	
45	77.35	81.89	
50	84.62	89.47	
55	96.23	101.59	
60	110.13	116.11	
65	124.83	131.49	
70	139.42	146.76	
75	153.29	161.30	
80	166.08	174.70	
85	177.56	186.73	
90	187.59	197.24	
95	196.07	206.14	
100	202.97	213.38	
105	208.27	218.94	
110	211.96	222.81	
115	214.05	225.00	
120	214.53	225.50	
125	213.41	224.32	
130	210.68	221.46	
135	206.35	216.92	
140	200.40	210.69	
145	192.86	202.78	
150	183.76	193.23	
155	173.14	182.10	
160	161.11	169.49	
165	147.85	155.60	
170	133.64	140.72	
175	118.92	125.31	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	104.40	110.13	
185	91.21	96.35	
190	81.07	85.77	
195	76.13	80.63	
200	78.06	82.63	
205	86.68	91.62	
210	100.27	105.80	
215	116.85	123.14	
220	134.92	142.05	
225	153.45	161.47	
230	171.76	180.66	
235	189.38	199.12	
240	205.97	216.52	
245	221.30	232.60	
250	235.24	247.23	
255	247.71	260.31	
260	258.67	271.80	
265	268.13	281.73	
270	276.12	290.12	
275	282.71	297.03	
280	287.94	302.52	
285	291.89	306.66	
290	294.59	309.50	
295	296.11	311.09	
300	296.46	311.46	
305	295.65	310.61	
310	293.66	308.52	
315	290.46	305.16	
320	286.01	300.49	
325	280.24	294.44	
330	273.10	286.94	
335	264.52	277.95	
340	254.47	267.39	
345	242.90	255.26	
350	229.84	241.56	
355	215.33	226.34	

04 Jul 2009

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Federal Communications Commission