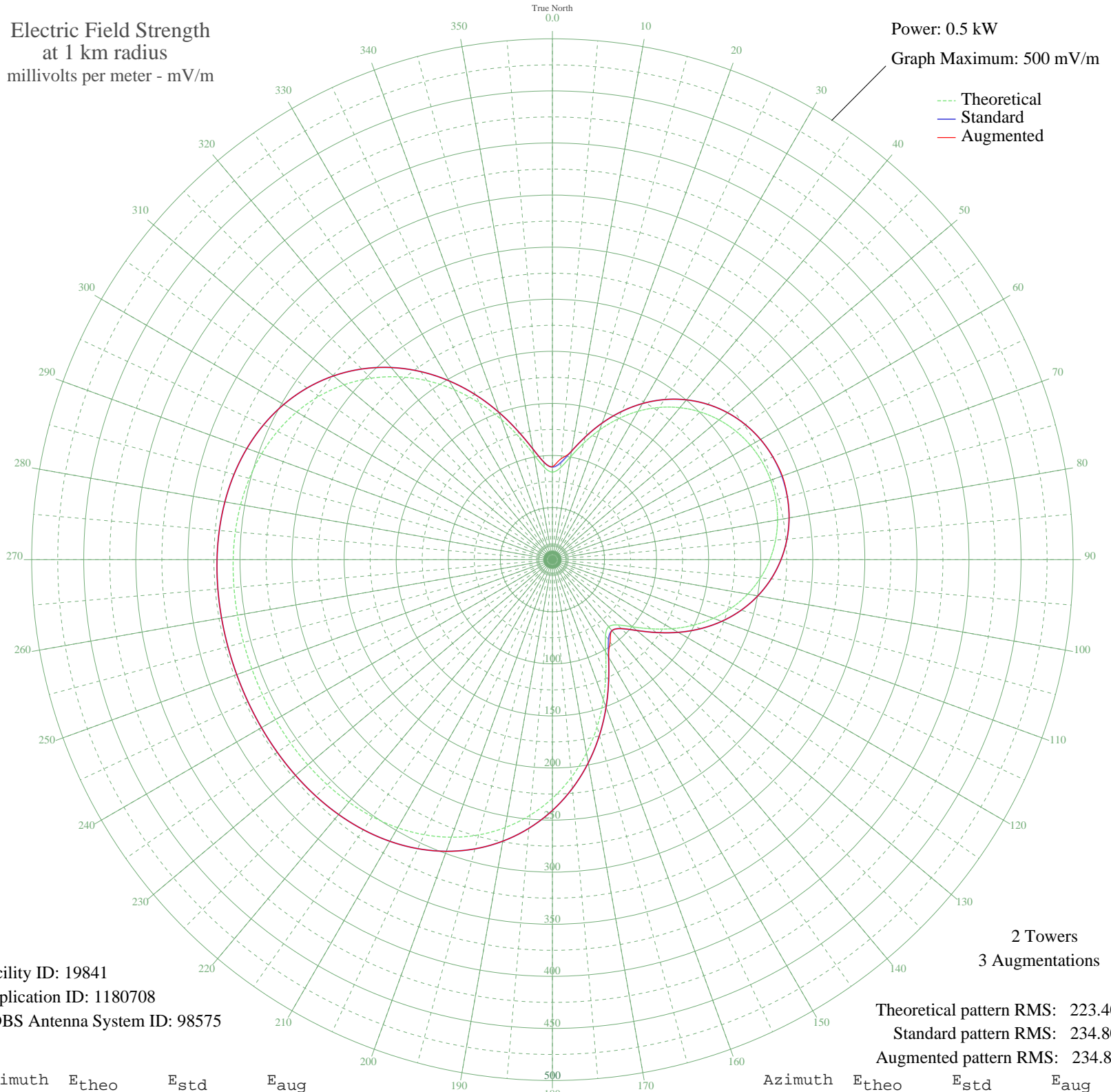


KINS EUREKA, CA BL-20070404ACT 980 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 19841
Application ID: 1180708
CDBS Antenna System ID: 98575

Theoretical pattern RMS: 223.40
Standard pattern RMS: 234.80
Augmented pattern RMS: 234.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	84.10	88.92	89.25
5	88.61	93.63	97.35
10	100.25	105.79	105.79
15	115.72	121.96	121.96
20	132.50	139.53	139.53
25	149.06	156.87	156.87
30	164.52	173.06	173.06
35	178.40	187.61	187.61
40	190.46	200.26	200.26
45	200.60	210.89	210.89
50	208.80	219.50	219.50
55	215.11	226.11	226.11
60	219.55	230.77	230.77
65	222.20	233.55	233.55
70	223.08	234.47	235.00
75	222.20	233.55	233.55
80	219.55	230.77	230.77
85	215.11	226.11	226.11
90	208.80	219.50	219.50
95	200.60	210.89	210.89
100	190.46	200.26	200.26
105	178.40	187.61	187.61
110	164.52	173.06	173.06
115	149.06	156.87	156.87
120	132.50	139.53	139.53
125	115.72	121.96	121.96
130	100.25	105.79	105.79
135	88.61	93.63	93.63
140	84.10	88.92	88.92
145	88.95	93.98	96.60
150	102.31	107.94	107.94
155	121.30	127.79	127.79
160	143.17	150.69	150.69
165	165.98	174.59	174.59
170	188.44	198.14	198.14
175	209.67	220.40	220.40

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	229.09	240.77	240.77
185	246.32	258.85	258.85
190	261.16	274.42	274.42
195	273.55	287.42	287.42
200	283.55	297.92	297.92
205	291.34	306.08	306.08
210	297.14	312.17	312.17
215	301.25	316.49	316.49
220	303.98	319.35	319.35
225	305.64	321.09	321.09
230	306.53	322.03	322.03
235	306.93	322.45	322.45
240	307.05	322.57	322.57
245	307.05	322.57	322.57
250	307.04	322.56	322.56
255	307.05	322.57	322.57
260	307.05	322.57	322.57
265	306.93	322.45	322.45
270	306.53	322.03	322.03
275	305.64	321.09	321.09
280	303.98	319.35	319.35
285	301.25	316.49	316.49
290	297.14	312.17	312.17
295	291.34	306.08	306.08
300	283.55	297.92	297.92
305	273.55	287.42	287.42
310	261.16	274.42	274.42
315	246.32	258.85	258.85
320	229.09	240.77	240.77
325	209.67	220.40	220.40
330	188.44	198.14	198.14
335	165.98	174.59	174.59
340	143.17	150.69	150.69
345	121.30	127.79	127.79
350	102.31	107.94	107.94
355	88.95	93.98	93.98