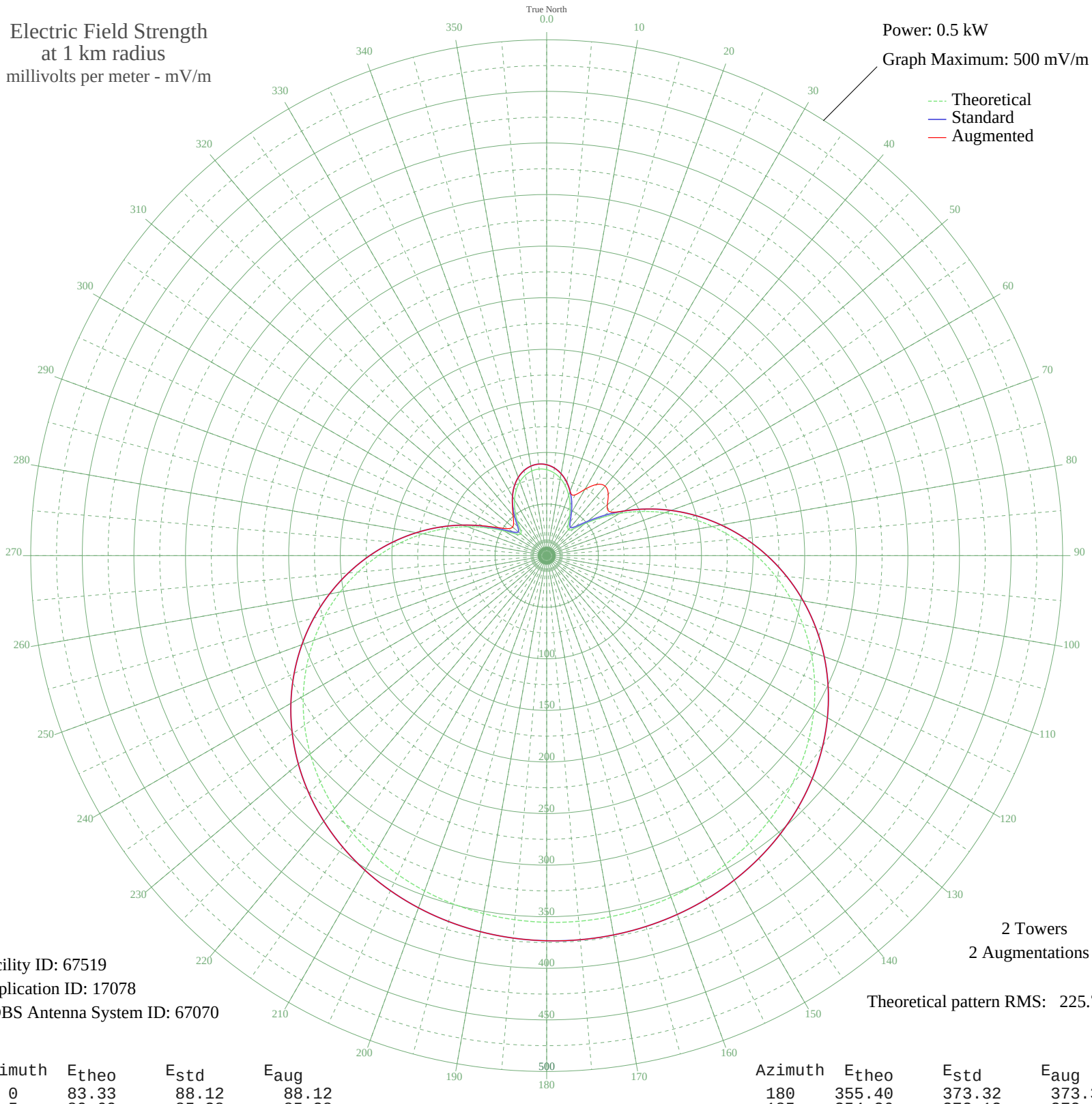
KTYM INGLEWOOD, CA BL-19800123AB 1460 kHz

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

2 Towers
2 Augmentations

Facility ID: 67519
Application ID: 17078
CDBS Antenna System ID: 67070

Theoretical pattern RMS: 225.76

Azimuth	E_{theo}	E_{std}	E_{aug}
0	83.33	88.12	88.12
5	80.60	85.28	85.28
10	76.11	80.60	80.60
15	69.96	74.20	74.20
20	62.31	66.27	66.27
25	53.54	57.19	64.94
30	44.33	47.72	74.23
35	36.29	39.52	84.15
40	32.61	35.82	88.03
45	36.73	39.97	84.36
50	48.04	51.53	76.73
55	63.71	67.72	74.38
60	81.82	86.55	86.55
65	101.34	106.92	106.92
70	121.67	128.18	128.18
75	142.37	149.85	149.85
80	163.07	171.54	171.54
85	183.46	192.92	192.92
90	203.27	213.69	213.69
95	222.25	233.60	233.60
100	240.21	252.43	252.43
105	256.96	270.01	270.01
110	272.40	286.21	286.21
115	286.43	300.94	300.94
120	299.02	314.14	314.14
125	310.15	325.83	325.83
130	319.86	336.02	336.02
135	328.20	344.77	344.77
140	335.25	352.17	352.17
145	341.09	358.30	358.30
150	345.82	363.26	363.26
155	349.54	367.17	367.17
160	352.33	370.09	370.09
165	354.26	372.12	372.12
170	355.40	373.32	373.32
175	355.77	373.71	373.71

Azimuth	E_{theo}	E_{std}	E_{aug}
180	355.40	373.32	373.32
185	354.26	372.12	372.12
190	352.33	370.09	370.09
195	349.54	367.17	367.17
200	345.82	363.26	363.26
205	341.09	358.30	358.30
210	335.25	352.17	352.17
215	328.20	344.77	344.77
220	319.86	336.02	336.02
225	310.15	325.83	325.83
230	299.02	314.14	314.14
235	286.43	300.94	300.94
240	272.40	286.21	286.21
245	256.96	270.01	270.01
250	240.21	252.43	252.43
255	222.25	233.60	233.60
260	203.27	213.69	213.69
265	183.46	192.92	192.92
270	163.07	171.54	171.54
275	142.37	149.85	149.85
280	121.67	128.18	128.18
285	101.34	106.92	106.92
290	81.82	86.55	86.55
295	63.71	67.72	68.34
300	48.04	51.53	54.26
305	36.73	39.97	45.72
310	32.61	35.82	43.13
315	36.29	39.52	45.33
320	44.33	47.72	50.66
325	53.54	57.19	57.92
330	62.31	66.27	66.27
335	69.96	74.20	74.20
340	76.11	80.60	80.60
345	80.60	85.28	85.28
350	83.33	88.12	88.12
355	84.24	89.08	89.08

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
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