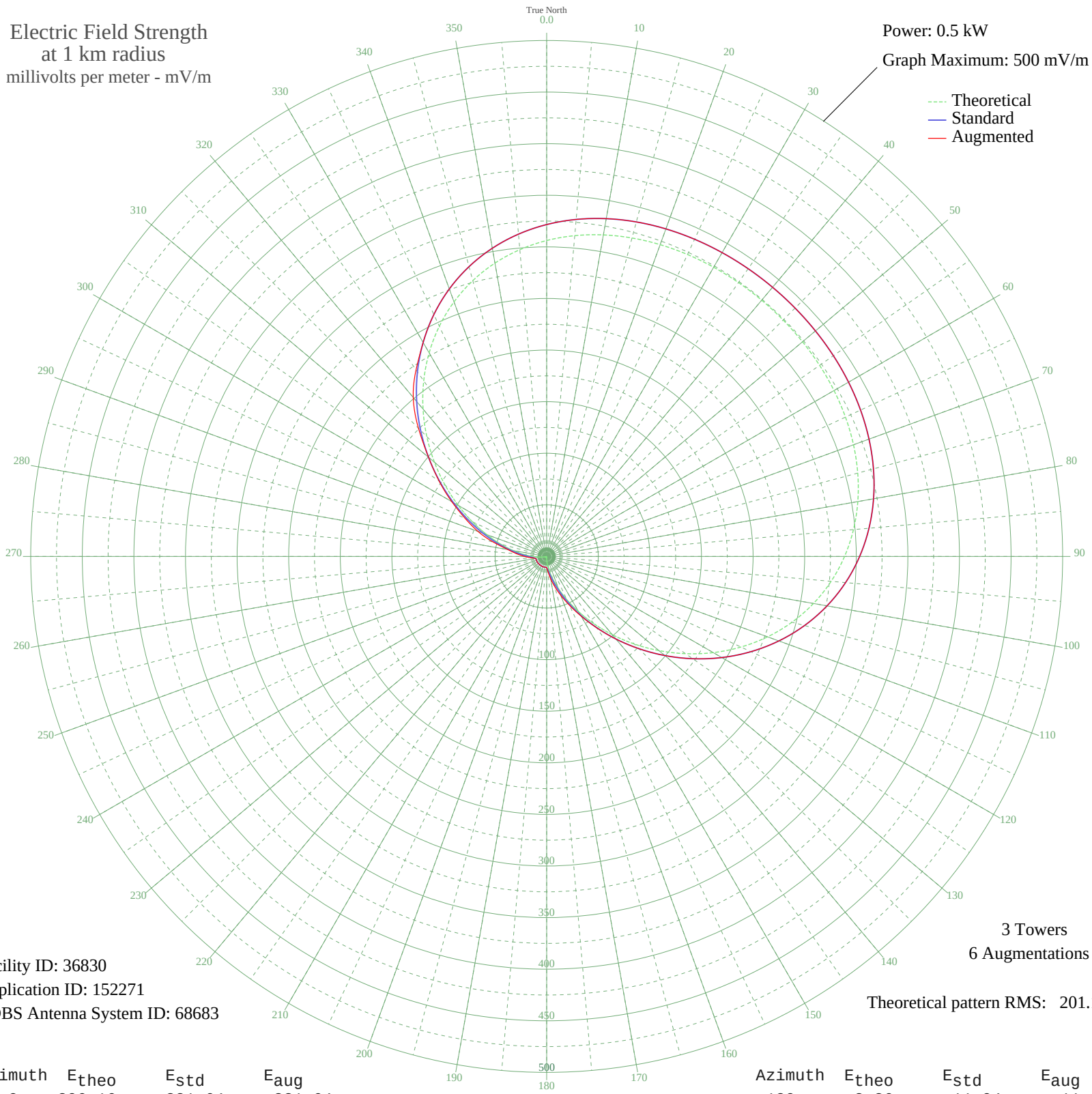
KSDT HEMET, CA BL-19900912AH 1320 kHz

Daytime

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
6 Augmentations

Facility ID: 36830
Application ID: 152271
CDBS Antenna System ID: 68683

Theoretical pattern RMS: 201.17

Azimuth	E_{theo}	E_{std}	E_{aug}
0	306.16	321.64	321.64
5	312.06	327.84	327.84
10	316.41	332.40	332.40
15	319.48	335.62	335.62
20	321.54	337.78	337.78
25	322.86	339.16	339.16
30	323.63	339.98	339.98
35	324.03	340.40	340.40
40	324.15	340.52	340.52
45	324.03	340.40	340.40
50	323.63	339.98	339.98
55	322.86	339.16	339.16
60	321.54	337.78	337.78
65	319.48	335.62	335.62
70	316.41	332.40	332.40
75	312.06	327.84	327.84
80	306.16	321.64	321.64
85	298.43	313.53	313.53
90	288.67	303.28	303.28
95	276.72	290.74	290.74
100	262.53	275.86	275.86
105	246.17	258.69	258.69
110	227.80	239.42	239.42
115	207.74	218.38	218.38
120	186.40	196.00	196.00
125	164.28	172.81	172.81
130	141.94	149.41	149.41
135	119.98	126.42	126.42
140	98.96	104.44	104.61
145	79.39	84.02	84.29
150	61.70	65.63	66.78
155	46.18	49.62	52.18
160	33.03	36.23	40.23
165	22.28	25.64	30.30
170	13.86	17.95	21.79
175	7.61	13.20	14.79
180	3.26	11.04	11.04
185	0.50	10.51	10.51
190	1.00	10.55	10.55
195	1.58	10.63	10.63
200	1.57	10.63	10.63
205	1.25	10.58	10.58
210	0.85	10.54	10.54
215	0.53	10.51	10.51
220	0.42	10.51	10.51
225	0.53	10.51	10.51
230	0.85	10.54	10.54
235	1.25	10.58	10.58
240	1.57	10.63	10.63
245	1.58	10.63	10.63
250	1.00	10.55	10.55
255	0.50	10.51	10.51
260	3.26	11.04	11.04
265	7.61	13.20	14.82
270	13.86	17.95	21.41
275	22.28	25.64	28.97
280	33.03	36.23	38.07
285	46.18	49.62	53.49
290	61.70	65.63	70.81
295	79.39	84.02	87.18
300	98.96	104.44	106.22
305	119.98	126.42	127.16
310	141.94	149.41	149.41
315	164.28	172.81	175.76
320	186.40	196.00	201.17
325	207.74	218.38	220.72
330	227.80	239.42	239.42
335	246.17	258.69	258.69
340	262.53	275.86	275.86
345	276.72	290.74	290.74
350	288.67	303.28	303.28
355	298.43	313.53	313.53

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission