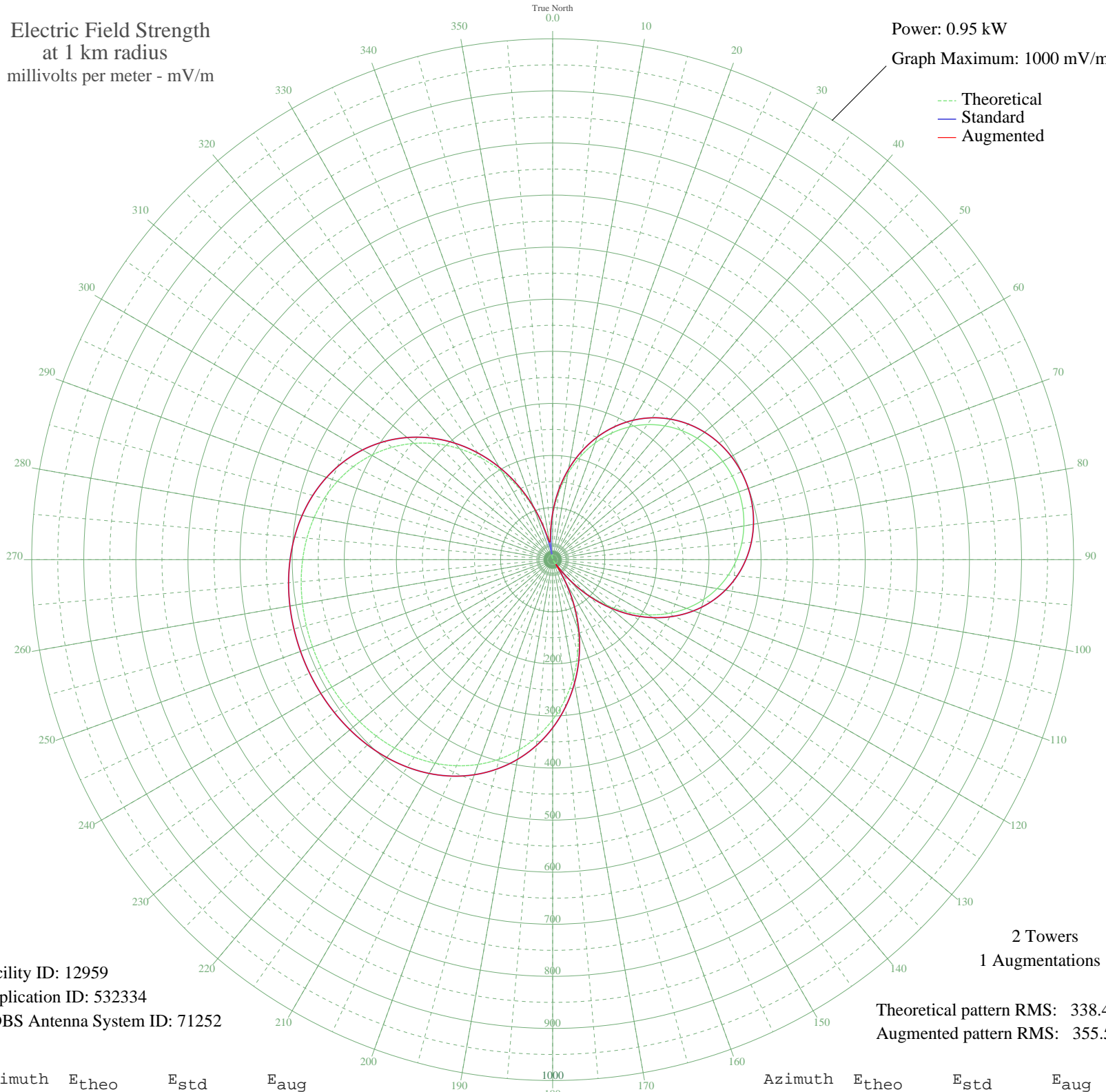


# KFIV MODESTO, CA BL-20001025AAT 1360 kHz

Nighttime

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

Power: 0.95 kW  
Graph Maximum: 1000 mV/m



Facility ID: 12959  
Application ID: 532334  
CDBS Antenna System ID: 71252

2 Towers  
1 Augmentations

Theoretical pattern RMS: 338.42  
Augmented pattern RMS: 355.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	84.50	89.34	89.48
5	127.53	134.32	134.32
10	167.78	176.48	176.48
15	204.81	215.31	215.31
20	238.32	250.46	250.46
25	268.14	281.74	281.74
30	294.19	309.07	309.07
35	316.51	332.50	332.50
40	335.21	352.13	352.13
45	350.46	368.13	368.13
50	362.41	380.68	380.68
55	371.26	389.96	389.96
60	377.15	396.15	396.15
65	380.20	399.35	399.35
70	380.48	399.64	399.64
75	377.99	397.02	397.02
80	372.67	391.44	391.44
85	364.42	382.79	382.79
90	353.10	370.91	370.91
95	338.53	355.62	355.62
100	320.54	336.73	336.73
105	298.95	314.07	314.07
110	273.65	287.52	287.52
115	244.59	257.03	257.03
120	211.80	222.64	222.64
125	175.46	184.53	184.53
130	135.82	143.00	143.00
135	93.30	98.53	98.53
140	48.44	51.94	51.94
145	1.88	10.68	10.68
150	45.64	49.06	49.06
155	93.33	98.55	98.55
160	140.37	147.77	147.77
165	185.99	195.57	195.57
170	229.43	241.13	241.13
175	270.07	283.77	283.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	307.39	322.93	322.93
185	341.03	358.23	358.23
190	370.76	389.43	389.43
195	396.51	416.47	416.47
200	418.38	439.42	439.42
205	436.54	458.48	458.48
210	451.29	473.97	473.97
215	462.99	486.25	486.25
220	472.03	495.74	495.74
225	478.82	502.87	502.87
230	483.74	508.03	508.03
235	487.12	511.58	511.58
240	489.24	513.81	513.81
245	490.30	514.92	514.92
250	490.39	515.02	515.02
255	489.53	514.12	514.12
260	487.64	512.13	512.13
265	484.53	508.86	508.86
270	479.94	504.05	504.05
275	473.56	497.34	497.34
280	464.99	488.36	488.36
285	453.86	476.67	476.67
290	439.75	461.86	461.86
295	422.30	443.54	443.54
300	401.19	421.38	421.38
305	376.22	395.18	395.18
310	347.29	364.80	364.80
315	314.42	330.31	330.31
320	277.81	291.89	291.89
325	237.80	249.91	249.91
330	194.87	204.88	204.88
335	149.63	157.47	157.47
340	102.81	108.46	108.46
345	55.19	58.89	61.82
350	7.57	13.17	34.23
355	39.25	42.52	49.78

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission