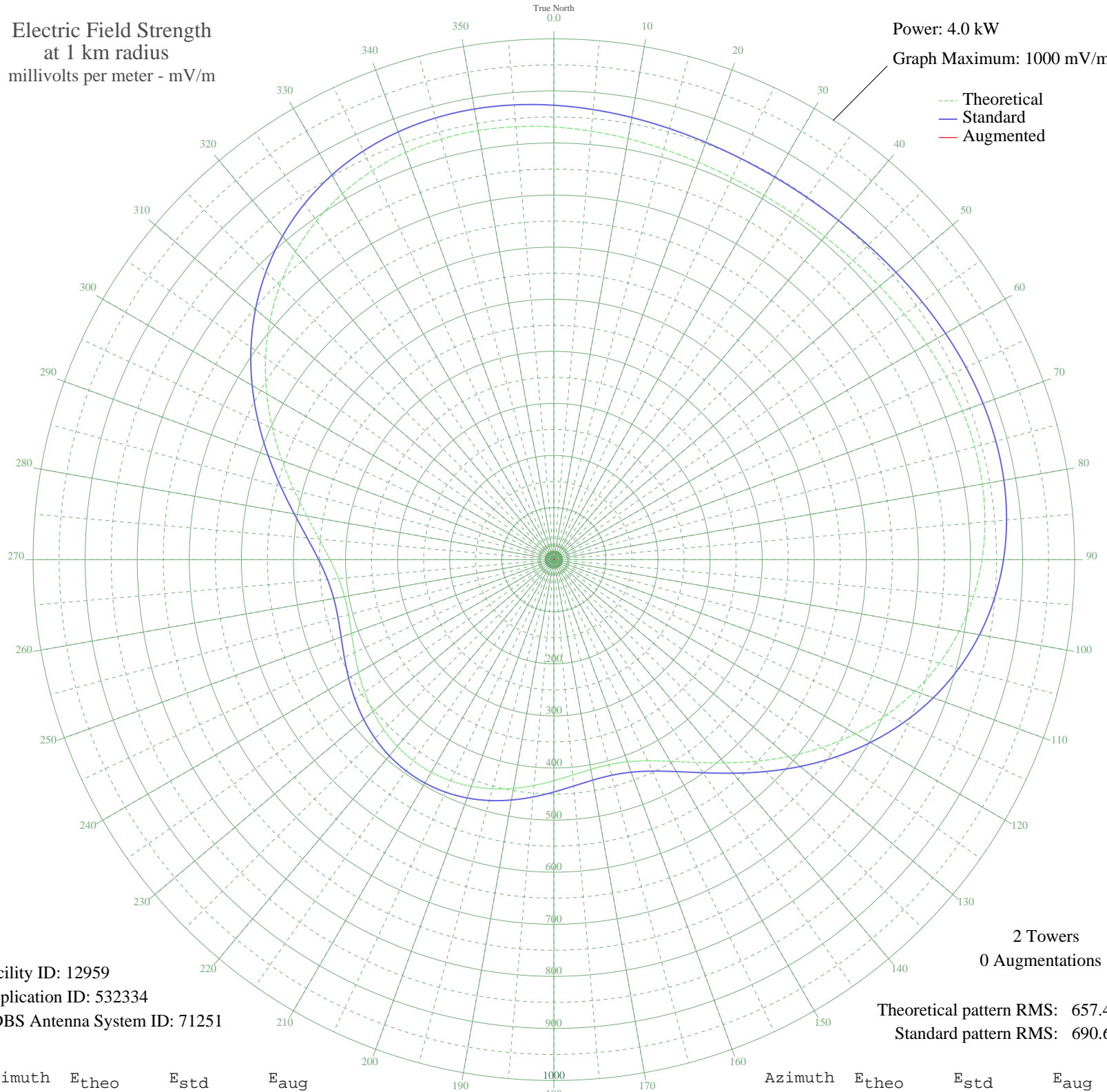


KFIV MODESTO, CA BL-20001025AAT 1360 kHz

Daytime

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

Power: 4.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 12959  
Application ID: 532334  
CDBS Antenna System ID: 71251

2 Towers  
0 Augmentations

Theoretical pattern RMS: 657.44  
Standard pattern RMS: 690.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	830.68	872.46	
5	825.86	867.41	
10	820.72	862.02	
15	815.88	856.94	
20	811.85	852.70	
25	808.99	849.70	
30	807.59	848.23	
35	807.74	848.39	
40	809.46	850.19	
45	812.57	853.46	
50	816.80	857.90	
55	821.75	863.09	
60	826.87	868.47	
65	831.54	873.37	
70	835.04	877.05	
75	836.61	878.69	
80	835.46	877.49	
85	830.85	872.65	
90	822.11	863.47	
95	808.69	849.39	
100	790.26	830.04	
105	766.69	805.30	
110	738.14	775.34	
115	705.07	740.62	
120	668.23	701.96	
125	628.72	660.49	
130	587.93	617.69	
135	547.52	575.27	
140	509.31	535.19	
145	475.23	499.44	
150	447.05	469.87	
155	426.12	447.92	
160	413.08	434.24	
165	407.70	428.60	
170	408.89	429.85	
175	415.04	436.30	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	424.33	446.04	
185	435.06	457.30	
190	445.81	468.57	
195	455.47	478.71	
200	463.25	486.86	
205	468.60	492.48	
210	471.20	495.21	
215	470.91	494.90	
220	467.74	491.58	
225	461.87	485.42	
230	453.67	476.82	
235	443.72	466.38	
240	432.88	455.00	
245	422.31	443.92	
250	413.50	434.68	
255	408.20	429.12	
260	408.20	429.13	
265	415.05	436.31	
270	429.68	451.65	
275	452.14	475.21	
280	481.63	506.15	
285	516.68	542.92	
290	555.48	583.64	
295	596.12	626.28	
300	636.78	668.95	
305	675.85	709.95	
310	712.01	747.91	
315	744.24	781.73	
320	771.82	810.68	
325	794.36	834.34	
330	811.77	852.62	
335	824.21	865.68	
340	832.09	873.94	
345	835.95	878.00	
350	836.49	878.57	
355	834.47	876.45	

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