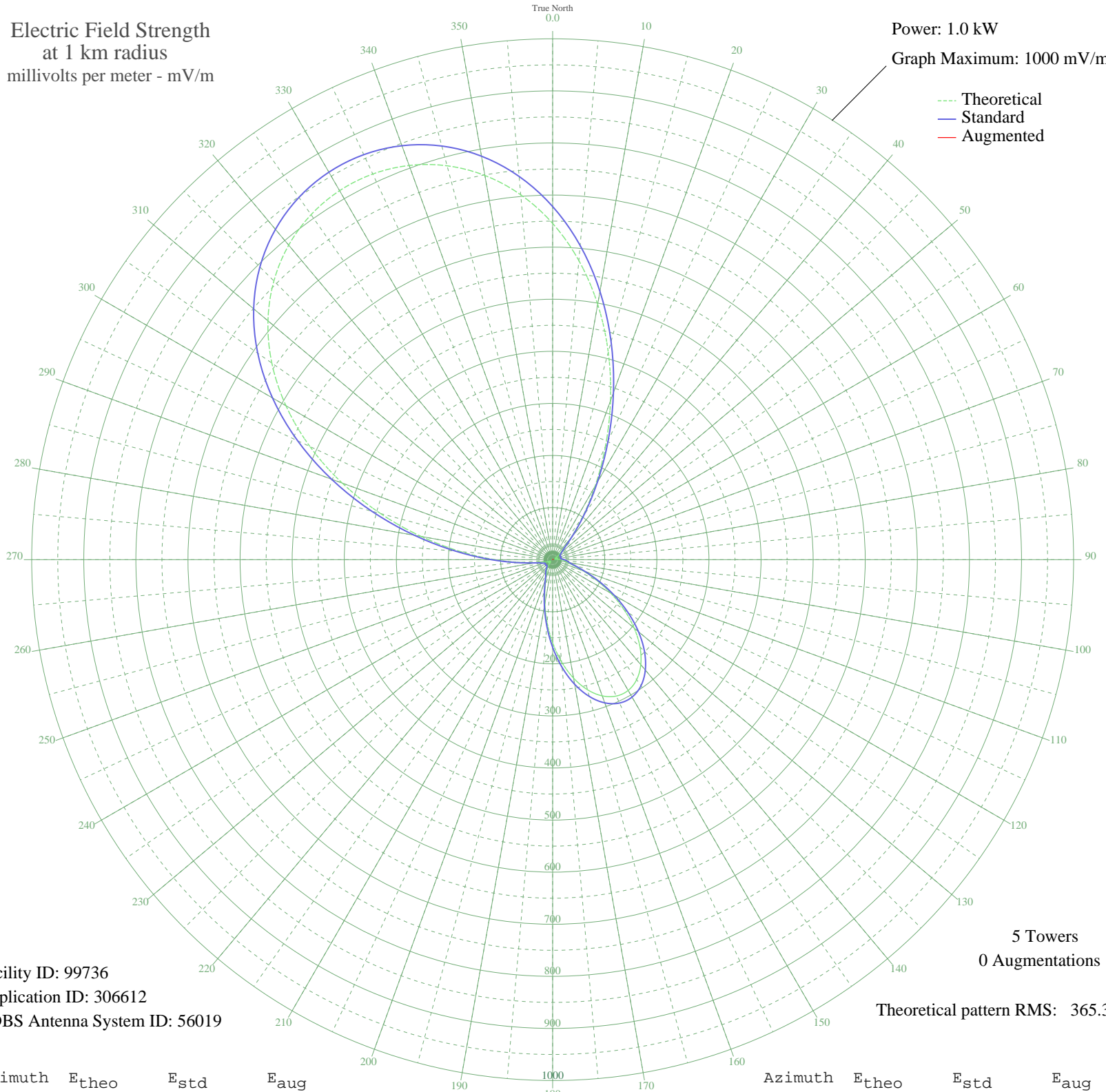


NEW FAIR OAKS, CA -- 1040 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 99736
Application ID: 306612
CDBS Antenna System ID: 56019

5 Towers
0 Augmentations
Theoretical pattern RMS: 365.32

Azimuth	E _{theo}	E _{std}	E _{aug}
0	645.58	678.00	
5	576.53	605.52	
10	497.84	522.92	
15	412.45	433.31	
20	324.62	341.15	
25	239.57	251.94	
30	162.87	171.60	
35	99.68	105.61	
40	53.91	58.35	
45	27.62	32.27	
50	17.53	23.22	
55	11.99	18.94	
60	6.01	15.49	
65	6.52	15.72	
70	9.65	17.40	
75	8.76	16.87	
80	5.12	15.13	
85	8.67	16.82	
90	16.22	22.14	
95	22.27	27.33	
100	28.08	32.70	
105	39.70	44.02	
110	61.55	66.16	
115	92.41	98.06	
120	128.87	136.05	
125	167.29	176.22	
130	204.31	214.99	
135	237.04	249.30	
140	263.22	276.74	
145	281.19	295.59	
150	289.92	304.75	
155	288.94	303.72	
160	278.31	292.56	
165	258.59	271.89	
170	230.96	242.92	
175	197.16	207.50	

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.

22 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	159.61	168.19	
185	121.30	128.15	
190	85.67	91.06	
195	56.37	60.85	
200	36.61	40.96	
205	26.68	31.38	
210	21.21	26.38	
215	14.77	20.99	
220	7.28	16.08	
225	5.70	15.36	
230	9.29	17.19	
235	9.28	17.18	
240	5.77	15.39	
245	7.03	15.96	
250	13.17	19.78	
255	18.79	24.28	
260	31.34	35.81	
265	61.53	66.14	
270	111.02	117.43	
275	177.28	186.68	
280	256.09	269.26	
285	342.14	359.53	
290	429.88	451.59	
295	514.22	540.12	
300	591.18	620.90	
305	658.06	691.11	
310	713.39	749.20	
315	756.74	794.70	
320	788.29	827.83	
325	808.56	849.10	
330	818.02	859.04	
335	816.97	857.94	
340	805.38	845.77	
345	782.90	822.17	
350	749.03	786.60	
355	703.28	738.58	