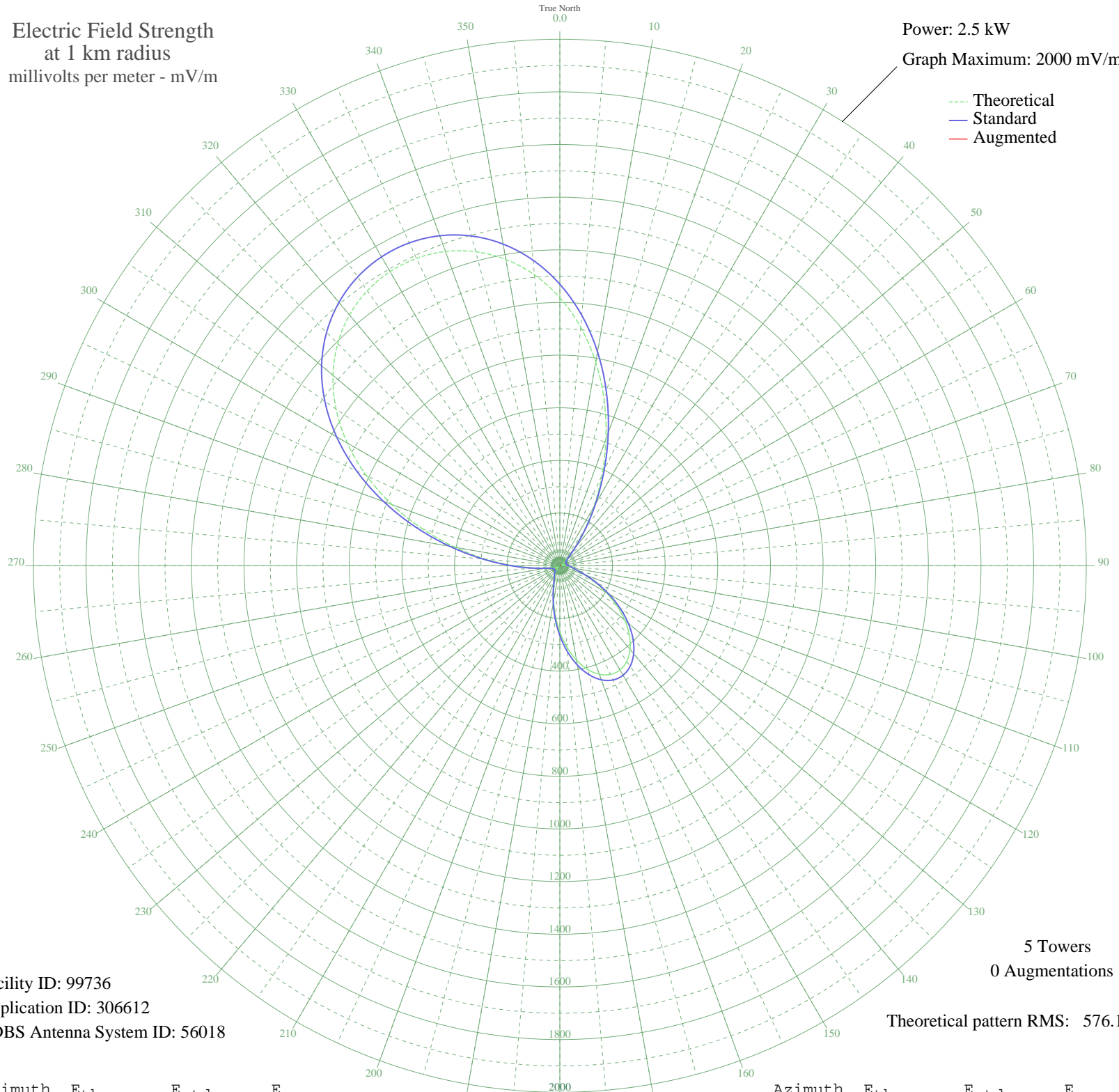


NEW FAIR OAKS, CA -- 1040 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 99736
Application ID: 306612
CDBS Antenna System ID: 56018

5 Towers
0 Augmentations
Theoretical pattern RMS: 576.15

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1018.23	1069.37	
5	909.33	955.06	
10	785.20	824.77	
15	650.52	683.41	
20	511.96	538.02	
25	377.75	397.27	
30	256.72	270.48	
35	156.98	166.34	
40	84.75	91.74	
45	43.34	50.68	
50	27.63	36.60	
55	19.04	29.96	
60	9.60	24.48	
65	10.17	24.73	
70	15.09	27.36	
75	13.68	26.54	
80	7.85	23.78	
85	13.44	26.40	
90	25.37	34.75	
95	34.93	42.93	
100	44.12	51.42	
105	62.51	69.32	
110	97.00	104.26	
115	145.66	154.56	
120	203.12	214.44	
125	263.69	277.77	
130	322.04	338.88	
135	373.64	392.96	
140	414.90	436.22	
145	443.23	465.93	
150	457.00	480.37	
155	455.46	478.75	
160	438.69	461.16	
165	407.61	428.58	
170	364.05	382.90	
175	310.78	327.08	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	251.59	265.11	
185	191.20	202.00	
190	135.03	143.53	
195	88.82	95.89	
200	57.62	64.48	
205	41.91	49.34	
210	33.24	41.43	
215	23.09	32.95	
220	11.23	25.23	
225	8.79	24.14	
230	14.53	27.02	
235	14.50	27.01	
240	9.02	24.24	
245	11.23	25.23	
250	20.88	31.28	
255	29.57	38.23	
260	49.17	56.24	
265	96.78	104.04	
270	174.90	184.99	
275	279.46	294.28	
280	403.82	424.60	
285	539.60	567.02	
290	678.00	712.25	
295	811.05	851.90	
300	932.44	979.32	
305	1037.92	1090.04	
310	1125.18	1181.65	
315	1193.54	1253.41	
320	1243.30	1305.65	
325	1275.25	1339.19	
330	1290.17	1354.86	
335	1288.52	1353.13	
340	1270.24	1333.94	
345	1234.80	1296.73	
350	1181.37	1240.64	
355	1109.24	1164.91	

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