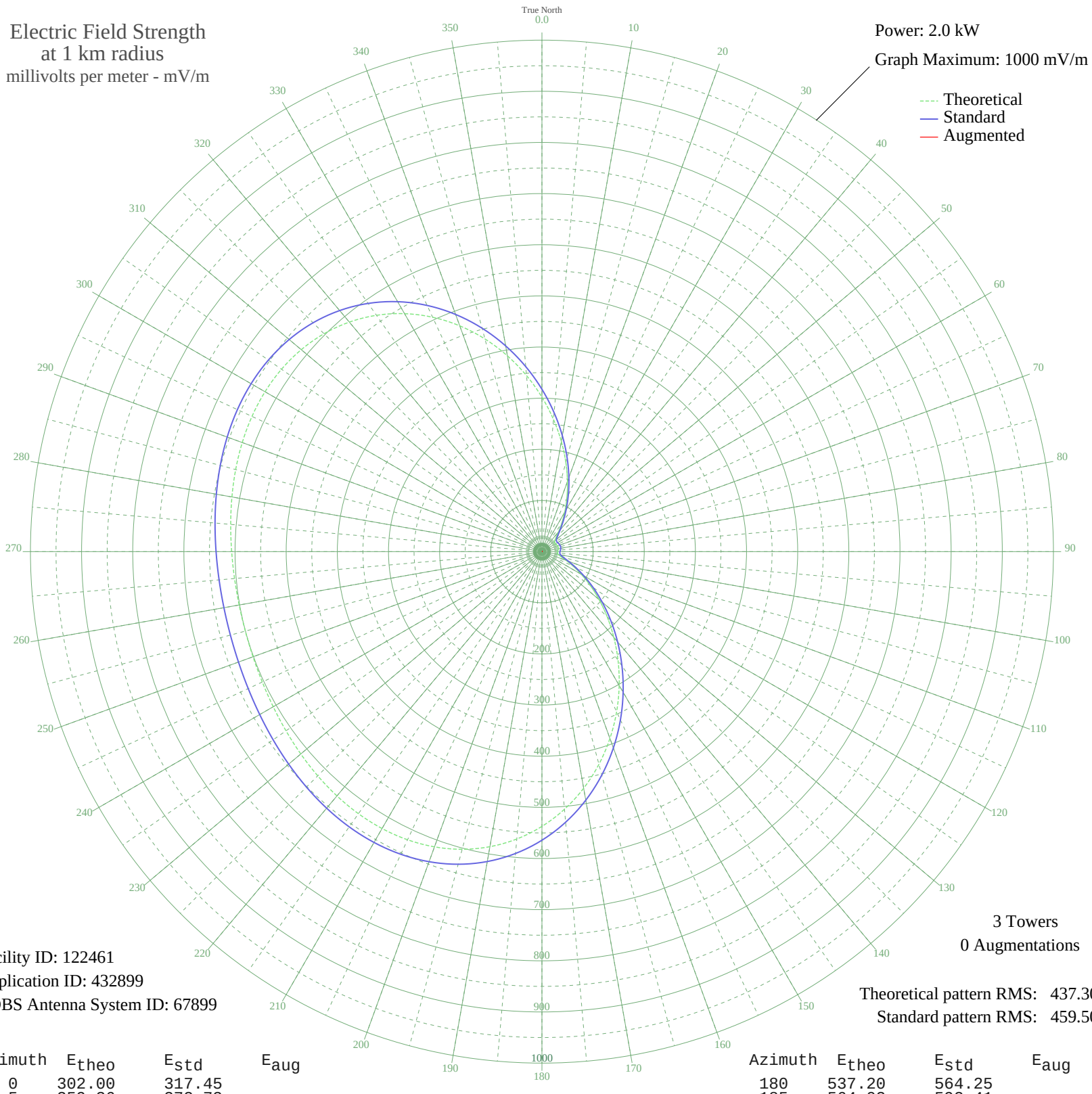
NEW FOWLER, CA BNP-20000201AEV 1040 kHz

Daytime

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



Power: 2.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 122461
Application ID: 432899
CDBS Antenna System ID: 67899

Theoretical pattern RMS: 437.30
Standard pattern RMS: 459.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	302.00	317.45	
5	259.36	272.73	
10	218.56	229.97	
15	180.51	190.12	
20	145.91	153.92	
25	115.27	121.95	
30	88.99	94.61	
35	67.32	72.23	
40	50.52	55.08	
45	38.85	43.41	
50	32.35	37.07	
55	30.17	34.98	
60	30.50	35.30	
65	31.66	36.41	
70	32.64	37.35	
75	33.01	37.70	
80	32.64	37.35	
85	31.66	36.41	
90	30.50	35.30	
95	30.17	34.98	
100	32.35	37.07	
105	38.85	43.41	
110	50.52	55.08	
115	67.32	72.23	
120	88.99	94.61	
125	115.27	121.95	
130	145.91	153.92	
135	180.51	190.12	
140	218.56	229.97	
145	259.35	272.73	
150	302.00	317.45	
155	345.48	363.06	
160	388.68	408.38	
165	430.46	452.23	
170	469.76	493.47	
175	505.59	531.08	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	537.20	564.25	
185	564.02	592.41	
190	585.79	615.26	
195	602.46	632.76	
200	614.26	645.14	
205	621.61	652.86	
210	625.12	656.55	
215	625.49	656.93	
220	623.49	654.83	
225	619.89	651.06	
230	615.45	646.39	
235	610.83	641.54	
240	606.61	637.12	
245	603.26	633.60	
250	601.11	631.34	
255	600.37	630.57	
260	601.11	631.34	
265	603.26	633.60	
270	606.61	637.12	
275	610.83	641.54	
280	615.45	646.39	
285	619.89	651.06	
290	623.49	654.83	
295	625.49	656.93	
300	625.12	656.55	
305	621.61	652.86	
310	614.26	645.14	
315	602.46	632.76	
320	585.79	615.26	
325	564.02	592.41	
330	537.20	564.25	
335	505.59	531.08	
340	469.75	493.47	
345	430.46	452.23	
350	388.68	408.38	
355	345.48	363.06	

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.

12 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission