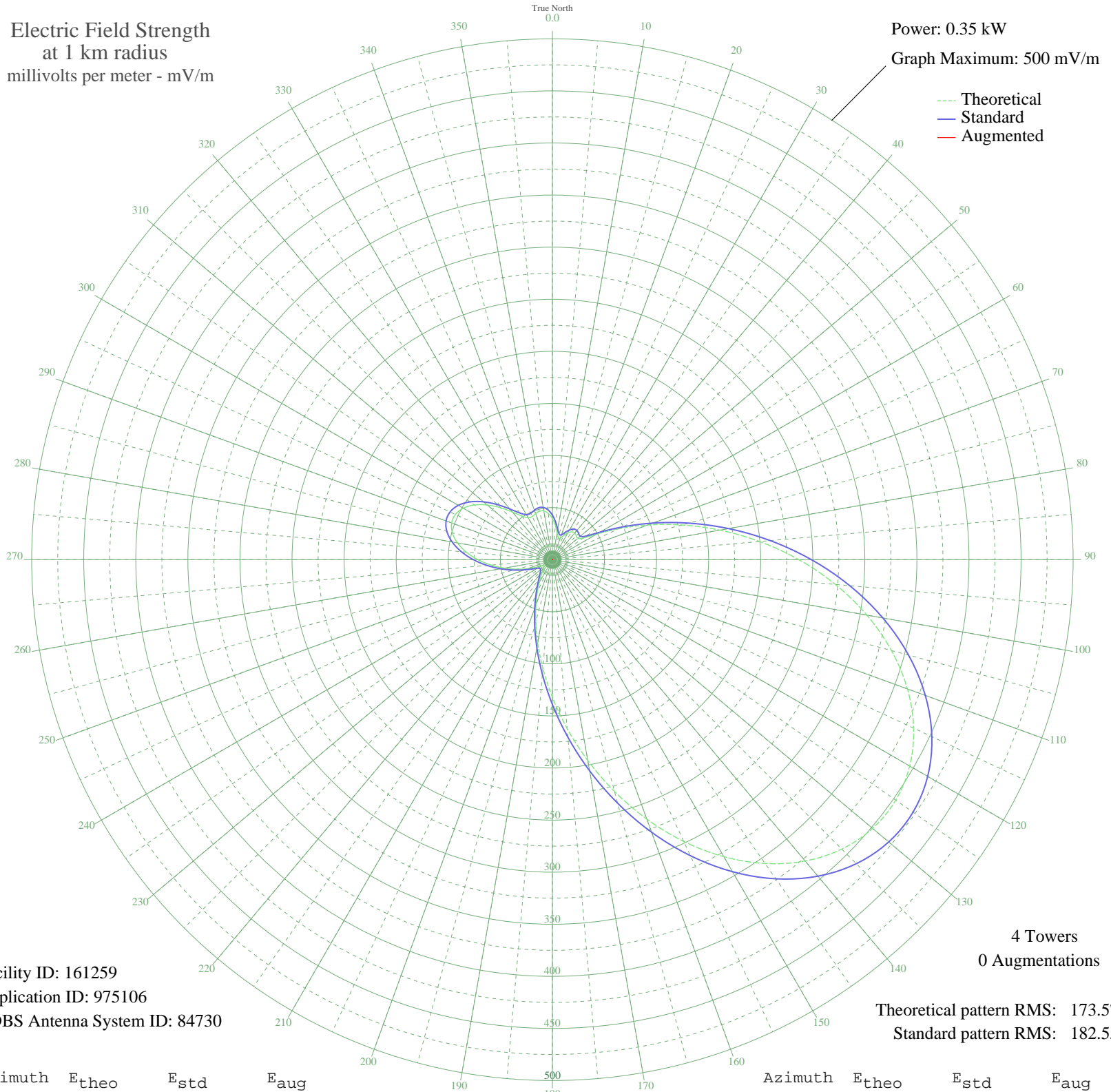


NEW CLIFTON, CO BNP-20040130BJP 1290 kHz

Nighttime

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

Power: 0.35 kW
Graph Maximum: 500 mV/m



Facility ID: 161259
Application ID: 975106
CDBS Antenna System ID: 84730

Theoretical pattern RMS: 173.57
Standard pattern RMS: 182.55

Azimuth	E _{theo}	E _{std}	E _{aug}
0	39.47	42.75	
5	32.89	36.10	
10	26.26	29.51	
15	21.87	25.25	
20	21.89	25.27	
25	25.45	28.71	
30	29.71	32.91	
35	32.64	35.85	
40	33.41	36.62	
45	32.37	35.57	
50	31.77	34.97	
55	36.22	39.46	
60	49.23	52.75	
65	70.20	74.45	
70	97.21	102.61	
75	128.69	135.53	
80	163.30	171.79	
85	199.74	209.99	
90	236.68	248.74	
95	272.78	286.61	
100	306.67	322.18	
105	337.07	354.08	
110	362.77	381.06	
115	382.74	402.02	
120	396.16	416.10	
125	402.45	422.71	
130	401.37	421.57	
135	392.96	412.74	
140	377.62	396.64	
145	356.05	374.00	
150	329.26	345.88	
155	298.45	313.55	
160	265.00	278.44	
165	230.31	242.06	
170	195.79	205.85	
175	162.68	171.14	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	132.06	139.06	
185	104.73	110.47	
190	81.20	85.91	
195	61.70	65.63	
200	46.15	49.59	
205	34.24	37.46	
210	25.47	28.73	
215	19.22	22.75	
220	14.87	18.81	
225	11.87	16.30	
230	9.99	14.84	
235	9.67	14.61	
240	12.01	16.41	
245	17.36	21.04	
250	25.32	28.58	
255	35.34	38.57	
260	46.88	50.33	
265	59.23	63.07	
270	71.57	75.88	
275	82.99	87.77	
280	92.55	97.74	
285	99.42	104.92	
290	102.94	108.60	
295	102.75	108.40	
300	98.81	104.28	
305	91.50	96.65	
310	81.63	86.35	
315	70.44	74.70	
320	59.62	63.47	
325	51.12	54.70	
330	46.52	49.96	
335	45.76	49.18	
340	47.02	50.47	
345	48.09	51.57	
350	47.47	50.94	
355	44.57	47.96	

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