

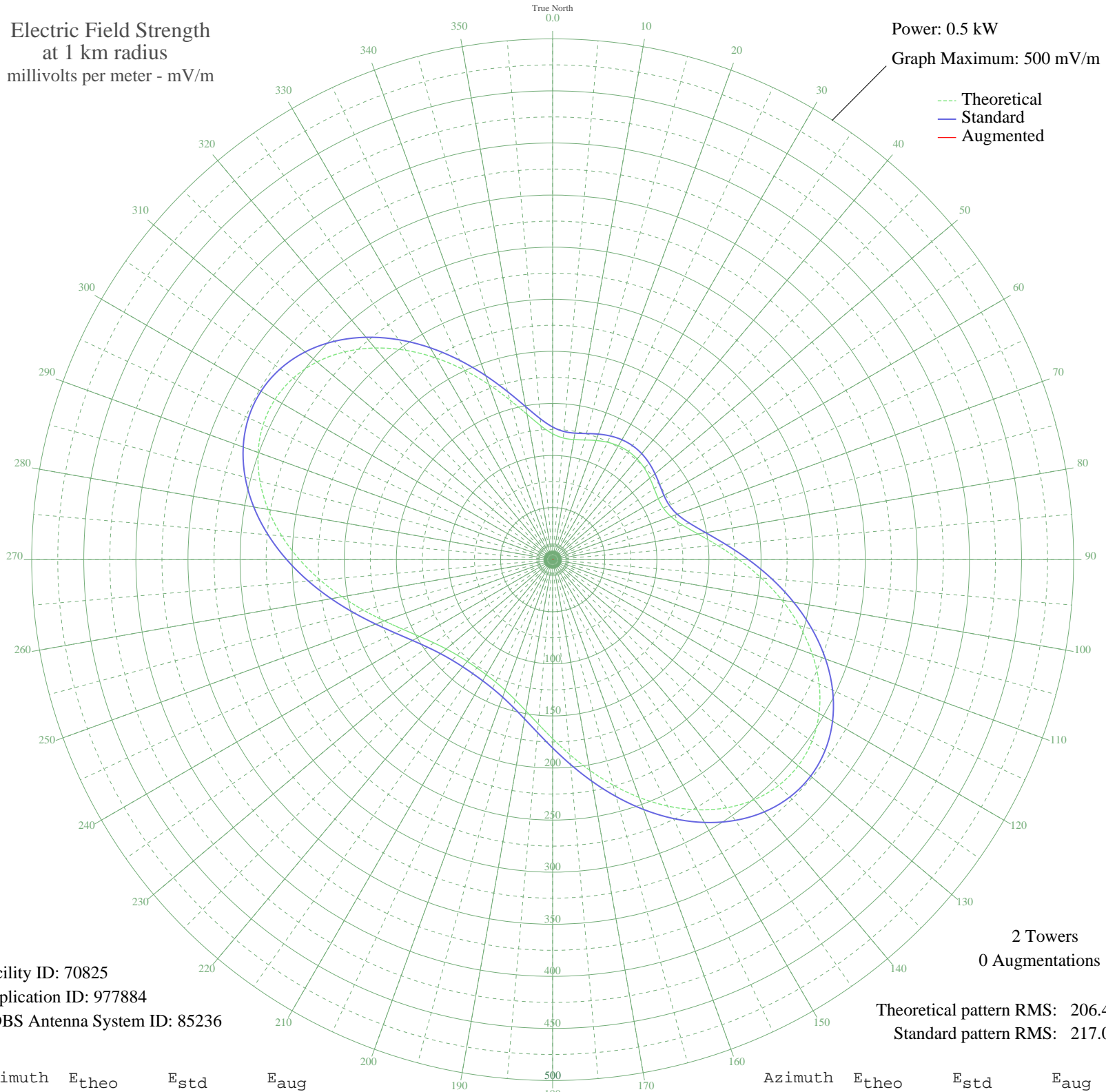
KZNT COLORADO SPRINGS, CO BML-20040205AFV 1460 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 70825
Application ID: 977884
CDBS Antenna System ID: 85236

2 Towers
0 Augmentations

Theoretical pattern RMS: 206.43
Standard pattern RMS: 217.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	120.86	127.34	
5	117.23	123.54	
10	117.04	123.34	
15	118.97	125.36	
20	121.74	128.26	
25	124.36	131.00	
30	126.18	132.91	
35	126.83	133.58	
40	126.18	132.91	
45	124.36	131.00	
50	121.74	128.26	
55	118.97	125.36	
60	117.04	123.34	
65	117.23	123.54	
70	120.86	127.34	
75	128.93	135.78	
80	141.69	149.15	
85	158.66	166.92	
90	178.80	188.03	
95	200.84	211.14	
100	223.43	234.84	
105	245.29	257.77	
110	265.21	278.67	
115	282.15	296.44	
120	295.24	310.18	
125	303.88	319.25	
130	307.69	323.25	
135	306.61	322.11	
140	300.83	316.05	
145	290.81	305.54	
150	277.24	291.29	
155	260.94	274.19	
160	242.87	255.23	
165	224.01	235.45	
170	205.33	215.85	
175	187.71	197.37	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	171.88	180.78	
185	158.38	166.63	
190	147.48	155.21	
195	139.22	146.55	
200	133.36	140.43	
205	129.58	136.46	
210	127.49	134.28	
215	126.83	133.58	
220	127.49	134.28	
225	129.58	136.46	
230	133.36	140.43	
235	139.22	146.55	
240	147.48	155.21	
245	158.38	166.63	
250	171.88	180.78	
255	187.71	197.37	
260	205.33	215.85	
265	224.01	235.45	
270	242.87	255.23	
275	260.94	274.19	
280	277.24	291.29	
285	290.81	305.54	
290	300.83	316.05	
295	306.61	322.11	
300	307.69	323.25	
305	303.88	319.25	
310	295.24	310.18	
315	282.15	296.44	
320	265.21	278.67	
325	245.29	257.77	
330	223.43	234.84	
335	200.84	211.14	
340	178.80	188.04	
345	158.66	166.92	
350	141.69	149.15	
355	128.93	135.78	

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 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission