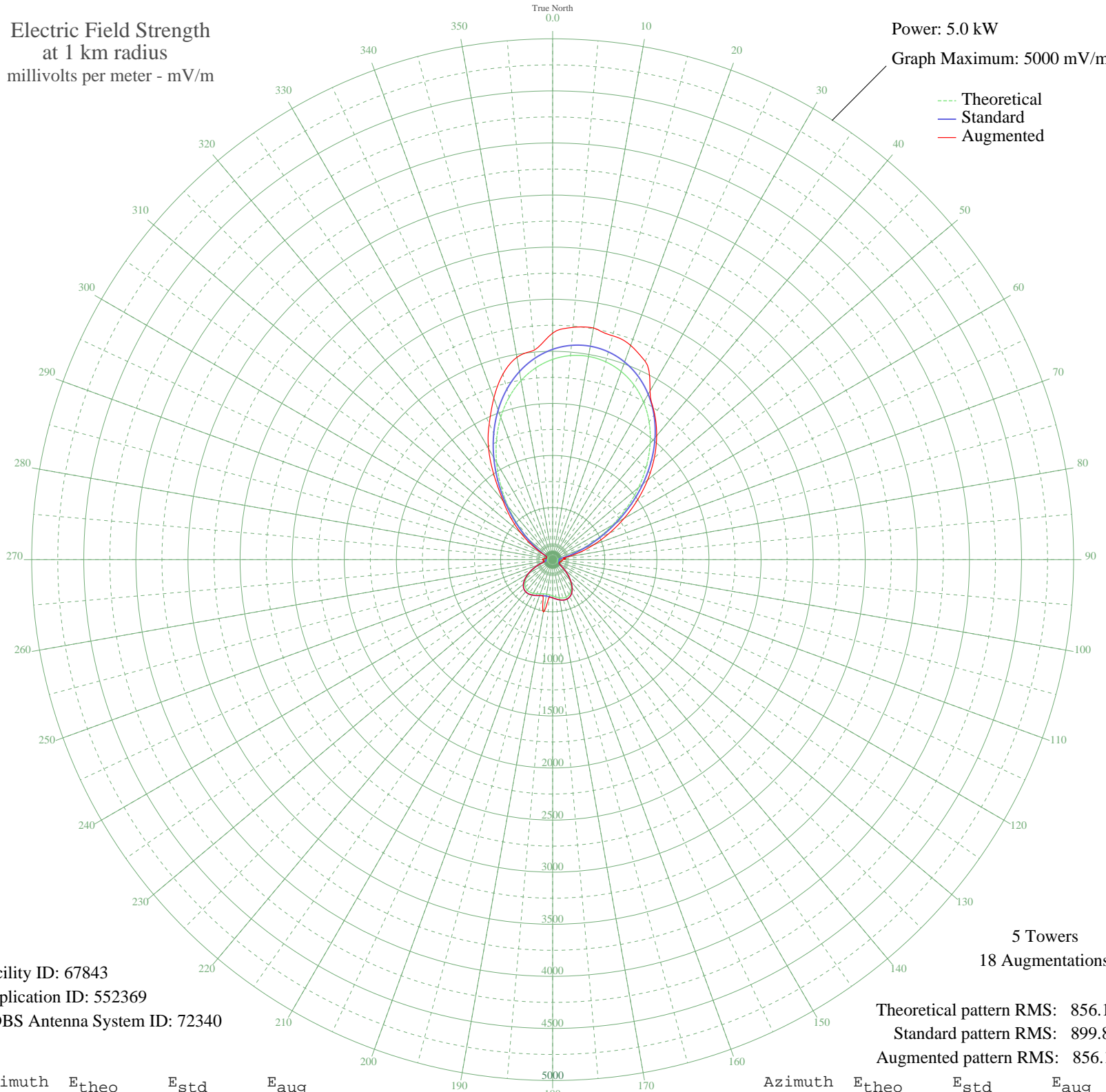


# KEZW AURORA, CO BL-20010205AAW 1430 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 67843  
Application ID: 552369  
CDBS Antenna System ID: 72340

5 Towers  
18 Augmentations

Theoretical pattern RMS: 856.17  
Standard pattern RMS: 899.80  
Augmented pattern RMS: 856.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1922.57	2019.06	2174.80
5	1966.54	2065.22	2238.46
10	1981.17	2080.58	2258.90
15	1966.54	2065.22	2224.89
20	1922.57	2019.06	2188.74
25	1849.05	1941.88	2101.50
30	1746.01	1833.72	1869.21
35	1614.19	1695.34	1706.23
40	1455.58	1528.84	1552.89
45	1274.01	1338.26	1379.16
50	1075.52	1129.95	1189.56
55	868.51	912.74	990.60
60	663.29	697.51	790.43
65	471.30	496.35	597.92
70	303.82	321.31	421.12
75	170.73	183.33	265.81
80	80.84	93.15	136.40
85	45.67	61.41	121.63
90	47.41	62.85	90.71
95	46.99	62.51	93.79
100	44.84	60.73	87.70
105	47.94	63.29	73.35
110	50.61	65.54	72.64
115	46.71	62.27	70.13
120	47.87	63.24	70.80
125	78.48	90.90	91.94
130	132.18	143.99	143.99
135	194.43	207.72	207.72
140	255.28	270.77	270.77
145	307.58	325.23	325.23
150	346.84	366.20	366.20
155	371.30	391.74	391.74
160	381.66	402.58	402.58
165	380.55	401.41	401.41
170	371.73	392.19	392.19
175	359.36	379.27	379.27

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	347.34	366.72	366.72
185	338.80	357.80	357.80
190	335.72	354.59	510.00
195	338.80	357.80	357.80
200	347.34	366.72	366.72
205	359.36	379.27	379.27
210	371.73	392.19	392.19
215	380.55	401.41	401.41
220	381.66	402.58	402.58
225	371.30	391.74	391.74
230	346.84	366.20	366.20
235	307.58	325.23	325.23
240	255.28	270.77	270.77
245	194.43	207.72	207.72
250	132.18	143.99	143.99
255	78.48	90.90	90.90
260	47.87	63.24	86.36
265	46.71	62.27	90.27
270	50.61	65.54	98.06
275	47.94	63.29	88.55
280	44.84	60.73	63.53
285	46.99	62.51	62.51
290	47.41	62.85	62.85
295	45.67	61.41	61.41
300	80.84	93.15	104.85
305	170.73	183.33	242.64
310	303.82	321.31	401.05
315	471.30	496.35	567.96
320	663.29	697.51	744.54
325	868.51	912.74	974.86
330	1075.52	1129.95	1229.61
335	1274.01	1338.26	1439.80
340	1455.58	1528.84	1650.47
345	1614.19	1695.34	1844.04
350	1746.01	1833.72	1972.72
355	1849.05	1941.88	2019.19