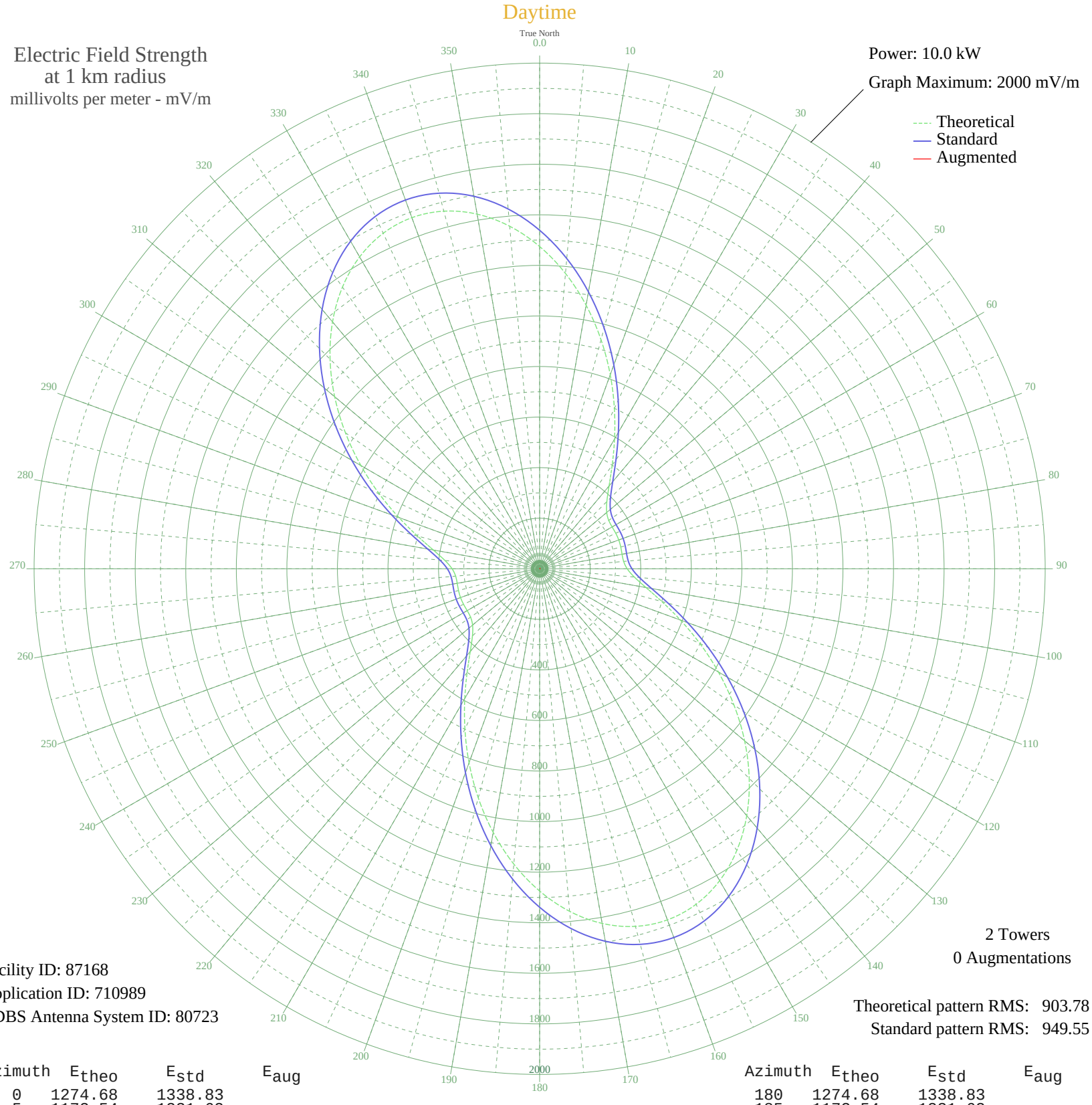
KFXY ENID, OK BL-20031203AKC 1640 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 87168
Application ID: 710989
CDBS Antenna System ID: 80723

Theoretical pattern RMS: 903.78
Standard pattern RMS: 949.55

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1274.68	1338.83	
5	1172.54	1231.62	
10	1058.55	1111.97	
15	938.06	985.52	
20	816.57	858.04	
25	699.58	735.31	
30	592.42	622.92	
35	500.14	526.19	
40	427.13	449.71	
45	376.07	396.26	
50	346.41	365.24	
55	333.66	351.91	
60	331.02	349.16	
65	332.18	350.36	
70	333.02	351.24	
75	332.18	350.36	
80	331.02	349.16	
85	333.66	351.91	
90	346.41	365.24	
95	376.07	396.26	
100	427.13	449.71	
105	500.14	526.19	
110	592.42	622.92	
115	699.58	735.31	
120	816.57	858.04	
125	938.06	985.52	
130	1058.55	1111.97	
135	1172.54	1231.62	
140	1274.68	1338.83	
145	1360.02	1428.41	
150	1424.31	1495.90	
155	1464.27	1537.84	
160	1477.83	1552.07	
165	1464.27	1537.84	
170	1424.31	1495.90	
175	1360.02	1428.41	

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.

02 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1274.68	1338.83	
185	1172.54	1231.62	
190	1058.55	1111.97	
195	938.06	985.52	
200	816.57	858.04	
205	699.58	735.31	
210	592.42	622.92	
215	500.14	526.19	
220	427.12	449.71	
225	376.07	396.26	
230	346.41	365.24	
235	333.66	351.91	
240	331.02	349.16	
245	332.18	350.36	
250	333.02	351.24	
255	332.18	350.36	
260	331.02	349.16	
265	333.66	351.91	
270	346.41	365.24	
275	376.07	396.26	
280	427.13	449.71	
285	500.14	526.20	
290	592.42	622.93	
295	699.58	735.31	
300	816.57	858.05	
305	938.06	985.52	
310	1058.55	1111.97	
315	1172.54	1231.62	
320	1274.68	1338.83	
325	1360.02	1428.41	
330	1424.31	1495.90	
335	1464.27	1537.84	
340	1477.83	1552.07	
345	1464.27	1537.84	
350	1424.31	1495.90	
355	1360.02	1428.41	