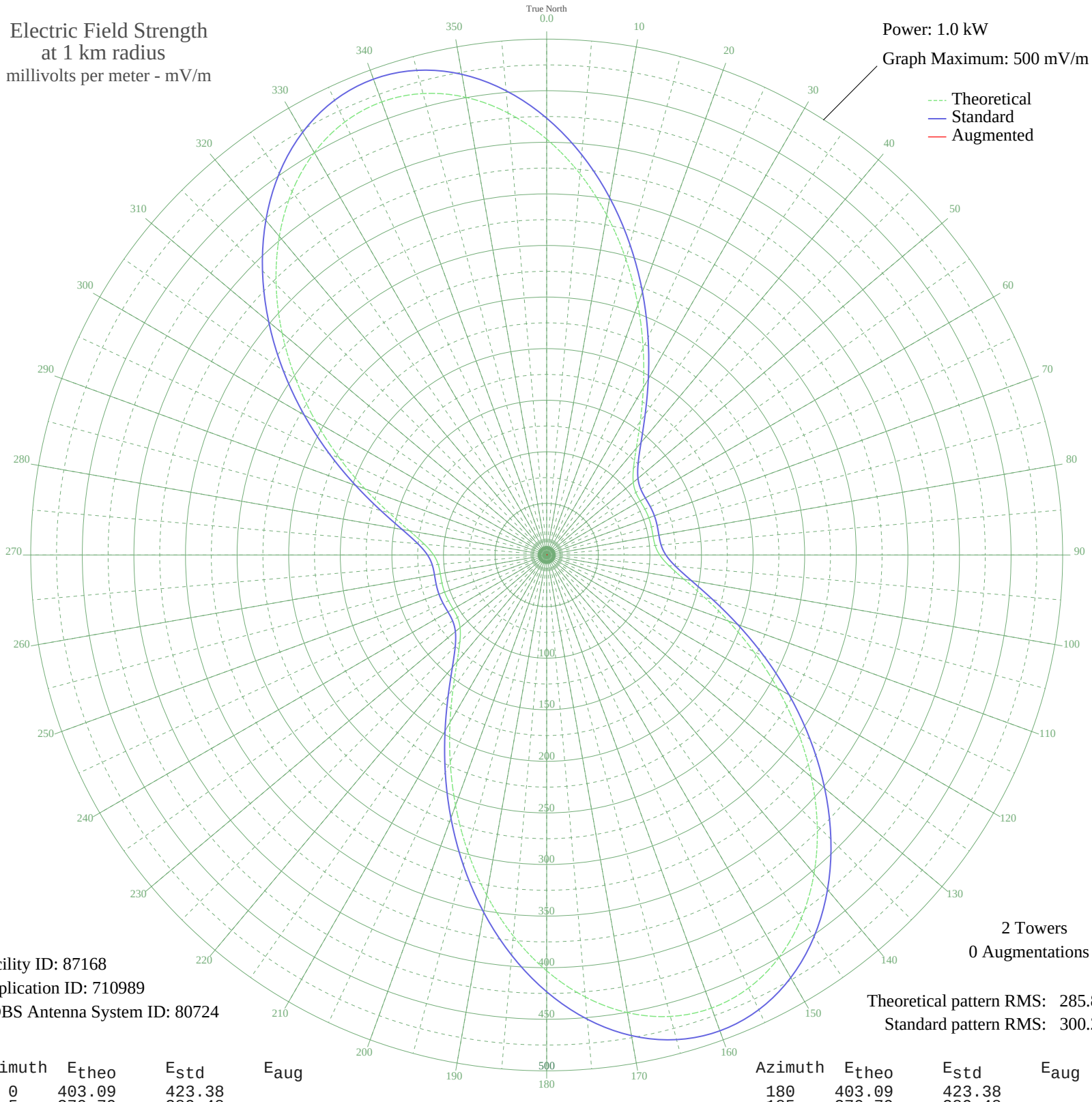
KFXY ENID, OK BL-20031203AKC 1640 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 87168
Application ID: 710989
CDBS Antenna System ID: 80724

Theoretical pattern RMS: 285.80
Standard pattern RMS: 300.27

Azimuth	E_{theo}	E_{std}	E_{aug}
0	403.09	423.38	
5	370.79	389.48	
10	334.75	351.64	
15	296.64	311.65	
20	258.23	271.34	
25	221.23	232.53	
30	187.34	196.99	
35	158.16	166.40	
40	135.07	142.21	
45	118.92	125.31	
50	109.54	115.50	
55	105.51	111.28	
60	104.68	110.41	
65	105.04	110.80	
70	105.31	111.07	
75	105.04	110.80	
80	104.68	110.41	
85	105.51	111.28	
90	109.54	115.50	
95	118.92	125.31	
100	135.07	142.21	
105	158.16	166.40	
110	187.34	196.99	
115	221.23	232.53	
120	258.23	271.34	
125	296.64	311.65	
130	334.75	351.64	
135	370.79	389.48	
140	403.09	423.38	
145	430.08	451.71	
150	450.41	473.05	
155	463.05	486.31	
160	467.33	490.81	
165	463.05	486.31	
170	450.41	473.05	
175	430.08	451.71	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	403.09	423.38	
185	370.79	389.48	
190	334.75	351.64	
195	296.64	311.65	
200	258.23	271.34	
205	221.23	232.53	
210	187.34	196.99	
215	158.16	166.40	
220	135.07	142.21	
225	118.92	125.31	
230	109.54	115.50	
235	105.51	111.28	
240	104.68	110.41	
245	105.04	110.80	
250	105.31	111.07	
255	105.04	110.80	
260	104.68	110.41	
265	105.51	111.28	
270	109.54	115.50	
275	118.92	125.31	
280	135.07	142.21	
285	158.16	166.40	
290	187.34	196.99	
295	221.23	232.53	
300	258.23	271.34	
305	296.64	311.65	
310	334.75	351.64	
315	370.79	389.48	
320	403.09	423.38	
325	430.08	451.71	
330	450.41	473.05	
335	463.05	486.31	
340	467.33	490.81	
345	463.05	486.31	
350	450.41	473.05	
355	430.08	451.71	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission