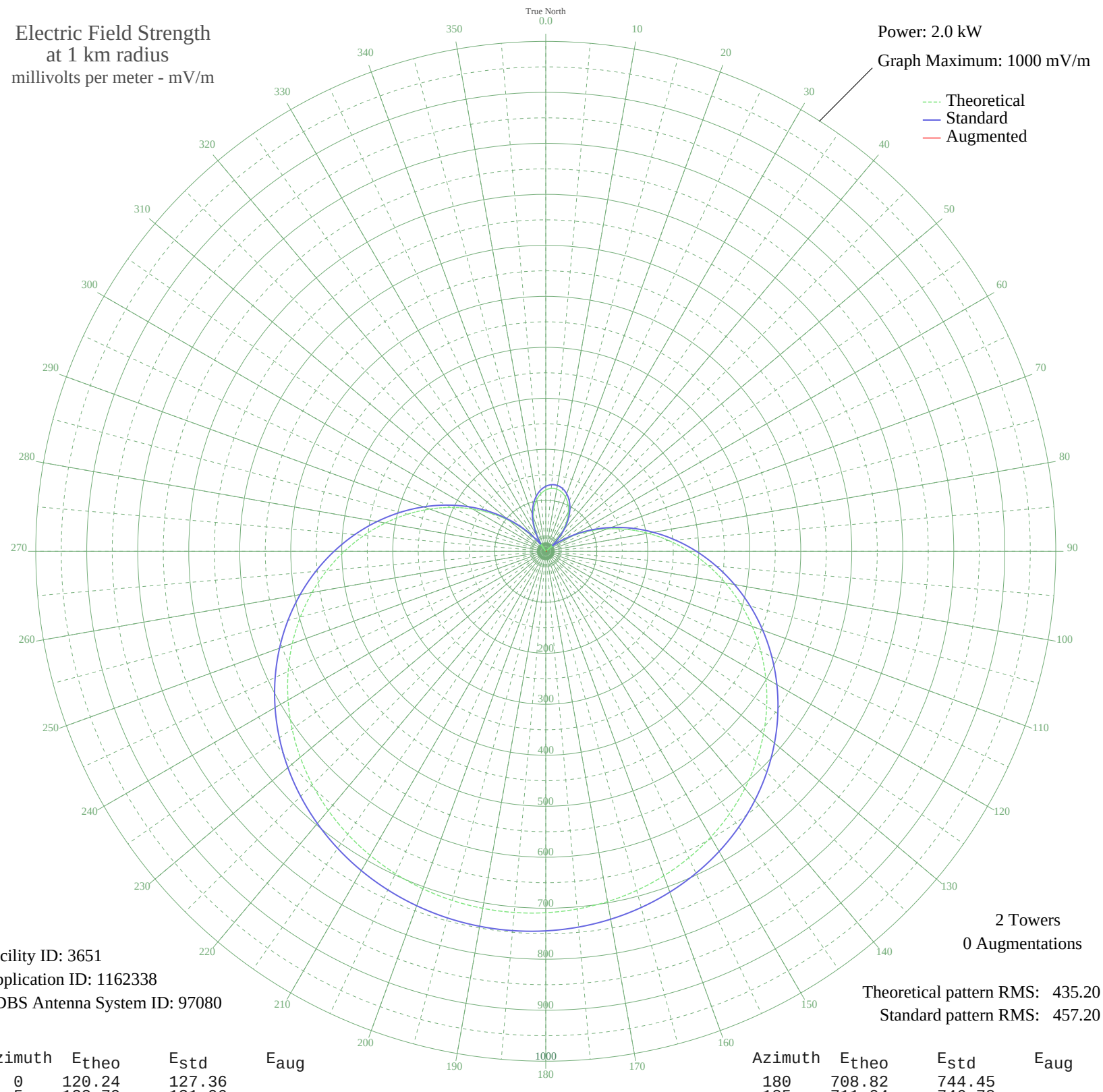
KEOR CATOOSA, OK BMP-20061207AAT 1120 kHz

Critical Hours

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



Power: 2.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 3651
Application ID: 1162338
CDBS Antenna System ID: 97080

Theoretical pattern RMS: 435.20
Standard pattern RMS: 457.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	120.24	127.36	
5	123.79	131.06	
10	123.79	131.06	
15	120.24	127.36	
20	113.15	119.99	
25	102.58	109.01	
30	88.58	94.51	
35	71.26	76.68	
40	50.73	55.85	
45	27.15	33.08	
50	0.70	16.79	
55	28.39	34.21	
60	59.87	65.07	
65	93.46	99.56	
70	128.83	136.30	
75	165.62	174.71	
80	203.47	214.30	
85	241.99	254.64	
90	280.78	295.30	
95	319.45	335.84	
100	357.60	375.85	
105	394.87	414.95	
110	430.91	452.77	
115	465.43	488.99	
120	498.14	523.32	
125	528.83	555.52	
130	557.31	585.42	
135	583.46	612.86	
140	607.17	637.75	
145	628.41	660.05	
150	647.15	679.72	
155	663.41	696.78	
160	677.21	711.27	
165	688.61	723.23	
170	697.64	732.71	
175	704.36	739.77	

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.

13 Mar 2007

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	708.82	744.45	
185	711.04	746.78	
190	711.04	746.78	
195	708.82	744.45	
200	704.36	739.77	
205	697.64	732.71	
210	688.61	723.23	
215	677.21	711.27	
220	663.41	696.78	
225	647.15	679.72	
230	628.41	660.05	
235	607.17	637.75	
240	583.46	612.86	
245	557.31	585.42	
250	528.83	555.52	
255	498.14	523.32	
260	465.43	488.99	
265	430.91	452.77	
270	394.87	414.95	
275	357.60	375.85	
280	319.45	335.84	
285	280.78	295.30	
290	241.99	254.64	
295	203.47	214.30	
300	165.62	174.71	
305	128.82	136.30	
310	93.46	99.56	
315	59.87	65.07	
320	28.39	34.21	
325	0.70	16.79	
330	27.15	33.08	
335	50.73	55.85	
340	71.26	76.68	
345	88.58	94.51	
350	102.58	109.01	
355	113.15	119.99	