

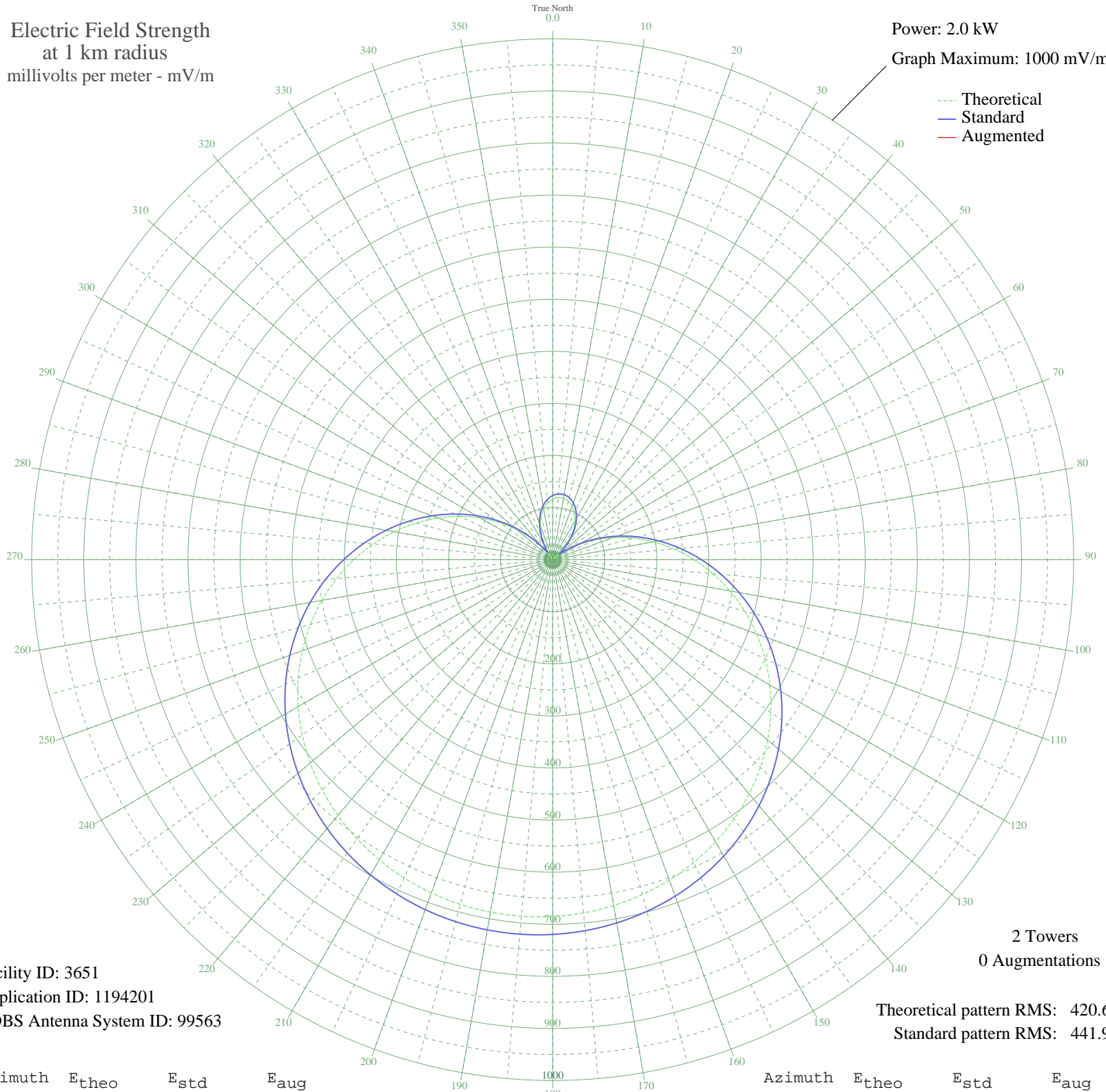
KEOR CATOOSA, OK BL-20070629CFK 1120 kHz

Daytime

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

Power: 2.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 3651
Application ID: 1194201
CDBS Antenna System ID: 99563

2 Towers
0 Augmentations

Theoretical pattern RMS: 420.63
Standard pattern RMS: 441.96

Azimuth	E _{theo}	E _{std}	E _{aug}
0	116.21	123.10	
5	119.65	126.67	
10	119.65	126.67	
15	116.21	123.10	
20	109.36	115.97	
25	99.14	105.36	
30	85.62	91.35	
35	68.87	74.11	
40	49.03	53.98	
45	26.24	31.97	
50	0.68	16.23	
55	27.44	33.06	
60	57.87	62.89	
65	90.33	96.22	
70	124.51	131.74	
75	160.08	168.86	
80	196.66	207.13	
85	233.89	246.12	
90	271.38	285.41	
95	308.75	324.59	
100	345.63	363.27	
105	381.65	401.06	
110	416.49	437.61	
115	449.84	472.61	
120	481.46	505.80	
125	511.12	536.92	
130	538.65	565.82	
135	563.92	592.34	
140	586.85	616.40	
145	607.37	637.95	
150	625.49	656.96	
155	641.20	673.46	
160	654.54	687.46	
165	665.55	699.02	
170	674.28	708.18	
175	680.78	715.00	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	685.09	719.53	
185	687.23	721.78	
190	687.23	721.78	
195	685.09	719.53	
200	680.78	715.00	
205	674.28	708.18	
210	665.55	699.02	
215	654.54	687.46	
220	641.20	673.45	
225	625.49	656.96	
230	607.37	637.95	
235	586.85	616.40	
240	563.92	592.34	
245	538.65	565.82	
250	511.12	536.92	
255	481.46	505.80	
260	449.84	472.61	
265	416.49	437.61	
270	381.65	401.06	
275	345.63	363.27	
280	308.75	324.59	
285	271.38	285.41	
290	233.89	246.12	
295	196.66	207.13	
300	160.07	168.86	
305	124.51	131.74	
310	90.33	96.22	
315	57.87	62.89	
320	27.44	33.06	
325	0.68	16.23	
330	26.24	31.97	
335	49.03	53.98	
340	68.87	74.11	
345	85.62	91.35	
350	99.14	105.36	
355	109.36	115.97	

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 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission