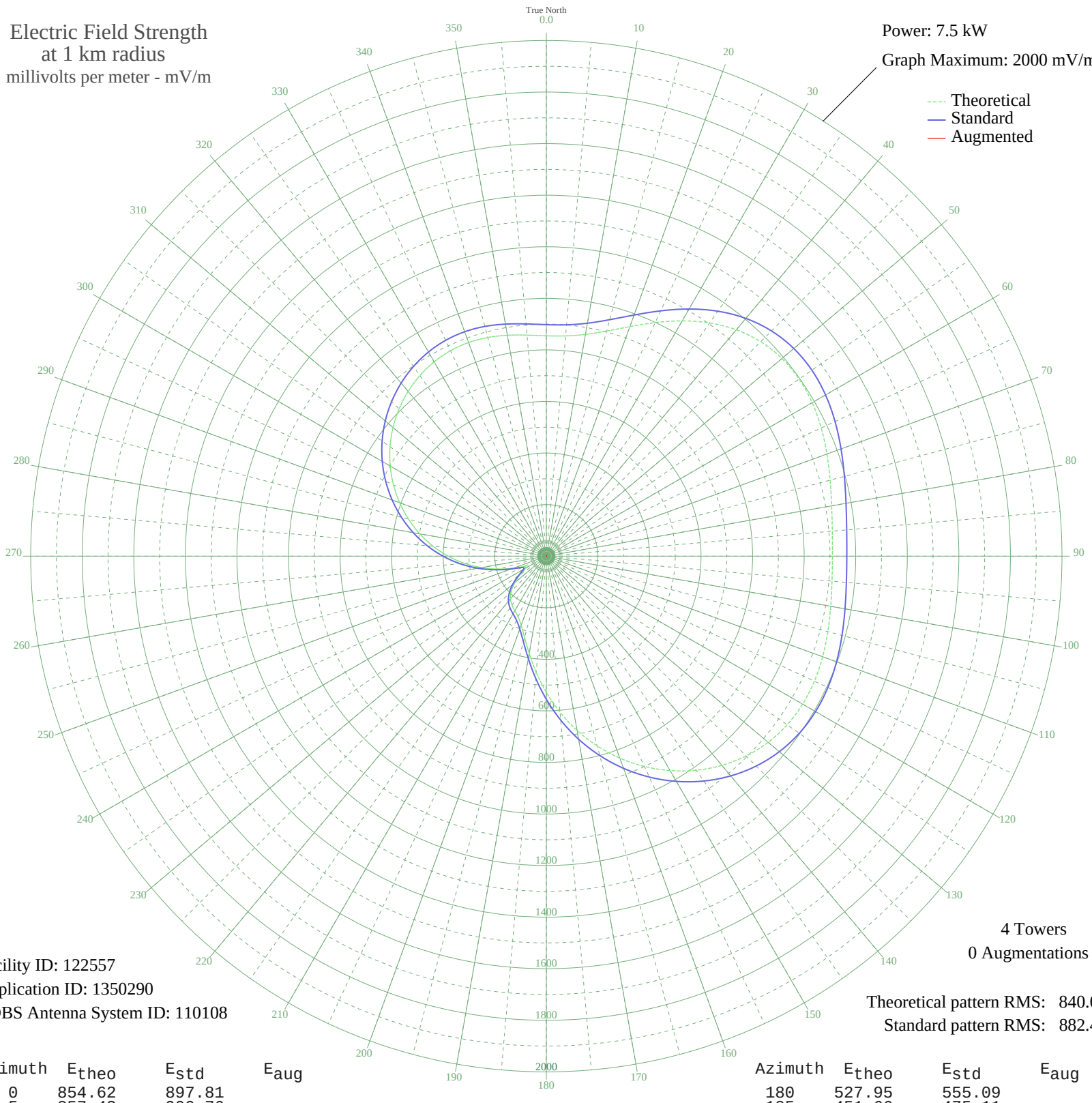
KBXO BIXBY, OK BNP-20090424ACL 1210 kHz

Daytime

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



Power: 7.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 122557
Application ID: 1350290
CDBS Antenna System ID: 110108

Theoretical pattern RMS: 840.00
Standard pattern RMS: 882.47

Azimuth	E_{theo}	E_{std}	E_{aug}
0	854.62	897.81	
5	857.43	900.76	
10	873.25	917.36	
15	903.81	949.44	
20	947.40	995.18	
25	999.38	1049.74	
30	1053.65	1106.70	
35	1104.16	1159.73	
40	1146.03	1203.67	
45	1176.05	1235.19	
50	1192.93	1252.91	
55	1197.13	1257.32	
60	1190.61	1250.47	
65	1176.39	1235.54	
70	1158.10	1216.34	
75	1139.45	1196.77	
80	1123.74	1180.28	
85	1113.38	1169.40	
90	1109.58	1165.42	
95	1112.24	1168.21	
100	1119.97	1176.31	
105	1130.37	1187.24	
110	1140.50	1197.87	
115	1147.27	1204.98	
120	1147.90	1205.63	
125	1140.26	1197.62	
130	1123.08	1179.59	
135	1095.95	1151.11	
140	1059.18	1112.51	
145	1013.59	1064.66	
150	960.17	1008.59	
155	899.89	945.32	
160	833.57	875.72	
165	761.95	800.56	
170	686.00	720.87	
175	607.21	638.22	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	527.95	555.09	
185	451.66	475.11	
190	382.78	402.95	
195	326.11	343.62	
200	285.15	300.78	
205	259.64	274.13	
210	244.52	258.35	
215	232.18	245.48	
220	215.95	228.56	
225	191.99	203.63	
230	159.77	170.21	
235	122.82	132.13	
240	92.91	101.70	
245	95.03	103.84	
250	135.06	144.70	
255	192.46	204.12	
260	255.22	269.52	
265	318.64	335.81	
270	380.75	400.82	
275	440.72	463.65	
280	498.27	523.97	
285	553.22	581.59	
290	605.32	636.23	
295	654.14	687.45	
300	699.19	734.71	
305	739.99	777.52	
310	776.20	815.52	
315	807.59	848.46	
320	833.97	876.14	
325	855.03	898.24	
330	870.30	914.27	
335	879.28	923.69	
340	881.69	926.22	
345	877.99	922.34	
350	869.86	913.80	
355	860.52	904.00	

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