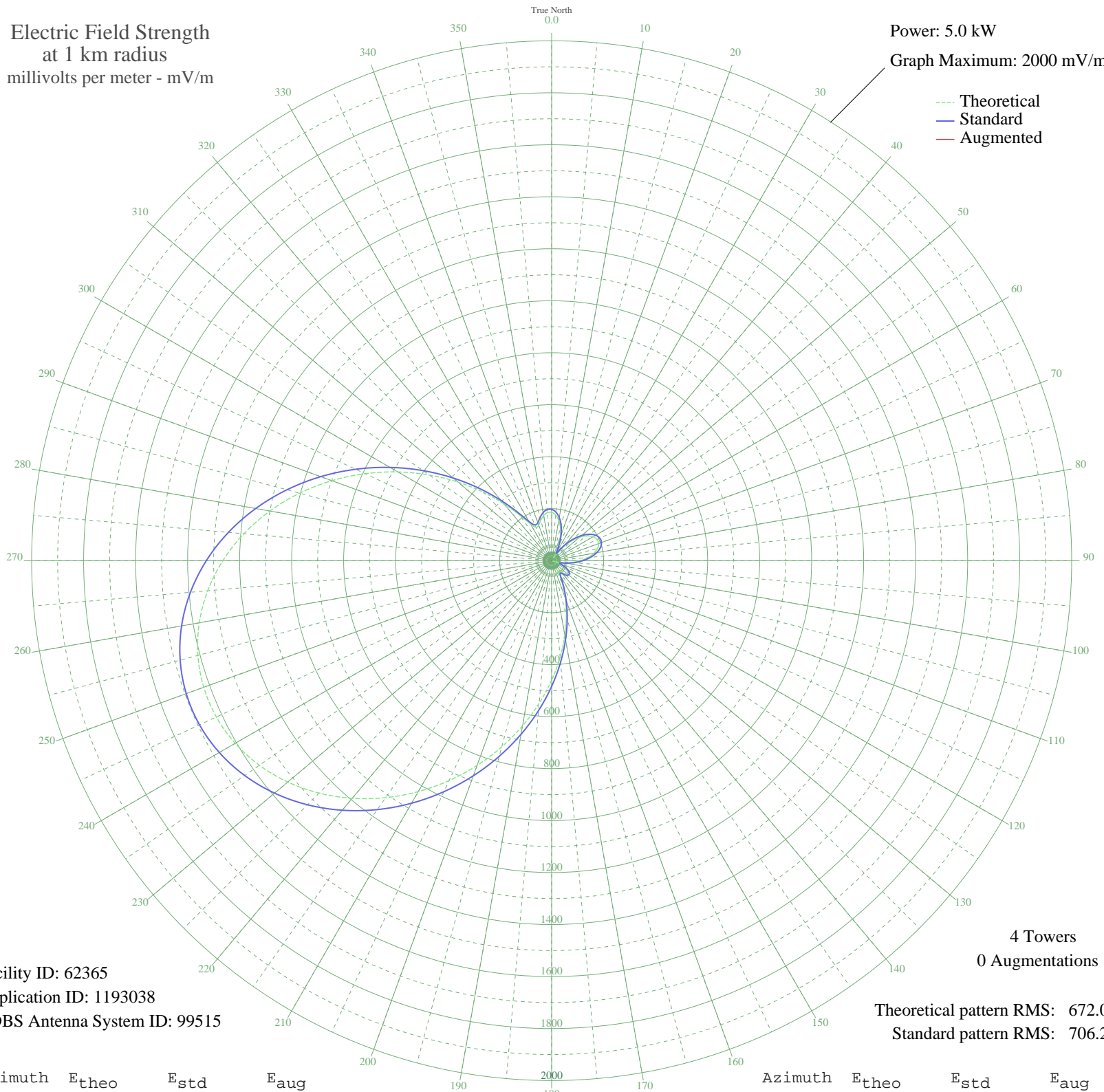


# WKFL BUSHNELL, FL BP-20070103AAH 1170 kHz

## Critical Hours

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 62365  
Application ID: 1193038  
CDBS Antenna System ID: 99515

4 Towers  
0 Augmentations

Theoretical pattern RMS: 672.01  
Standard pattern RMS: 706.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	185.77	197.37	
5	176.33	187.58	
10	157.68	168.28	
15	130.81	140.61	
20	97.18	106.38	
25	58.72	68.61	
30	19.22	36.24	
35	29.33	43.07	
40	69.67	79.11	
45	107.60	116.92	
50	140.39	150.45	
55	166.27	177.16	
60	183.97	195.50	
65	192.68	204.54	
70	192.13	203.97	
75	182.62	194.10	
80	164.93	175.77	
85	140.35	150.41	
90	110.55	119.92	
95	77.50	86.77	
100	43.33	54.55	
105	10.33	32.00	
110	20.07	36.75	
115	45.06	56.08	
120	63.49	73.15	
125	74.10	83.42	
130	76.16	85.44	
135	69.77	79.20	
140	56.98	66.98	
145	46.66	57.50	
150	59.42	69.28	
155	98.50	107.72	
160	153.13	163.58	
165	218.39	231.27	
170	292.14	308.22	
175	372.95	392.75	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	459.56	483.48	
185	550.74	579.06	
190	645.19	678.12	
195	741.51	779.17	
200	838.19	880.61	
205	933.55	980.69	
210	1025.82	1077.53	
215	1113.06	1169.11	
220	1193.31	1253.34	
225	1264.54	1328.11	
230	1324.80	1391.36	
235	1372.28	1441.21	
240	1405.41	1475.99	
245	1422.96	1494.41	
250	1424.08	1495.59	
255	1408.43	1479.15	
260	1376.12	1445.24	
265	1327.82	1394.54	
270	1264.66	1328.23	
275	1188.19	1247.96	
280	1100.35	1155.76	
285	1003.38	1053.98	
290	899.71	945.17	
295	791.91	832.05	
300	682.62	717.38	
305	574.53	604.00	
310	470.36	494.80	
315	373.05	392.85	
320	285.98	301.79	
325	213.79	226.49	
330	163.27	174.06	
335	141.38	151.47	
340	145.35	155.56	
345	161.15	171.87	
350	176.63	187.88	
355	185.65	197.25	

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