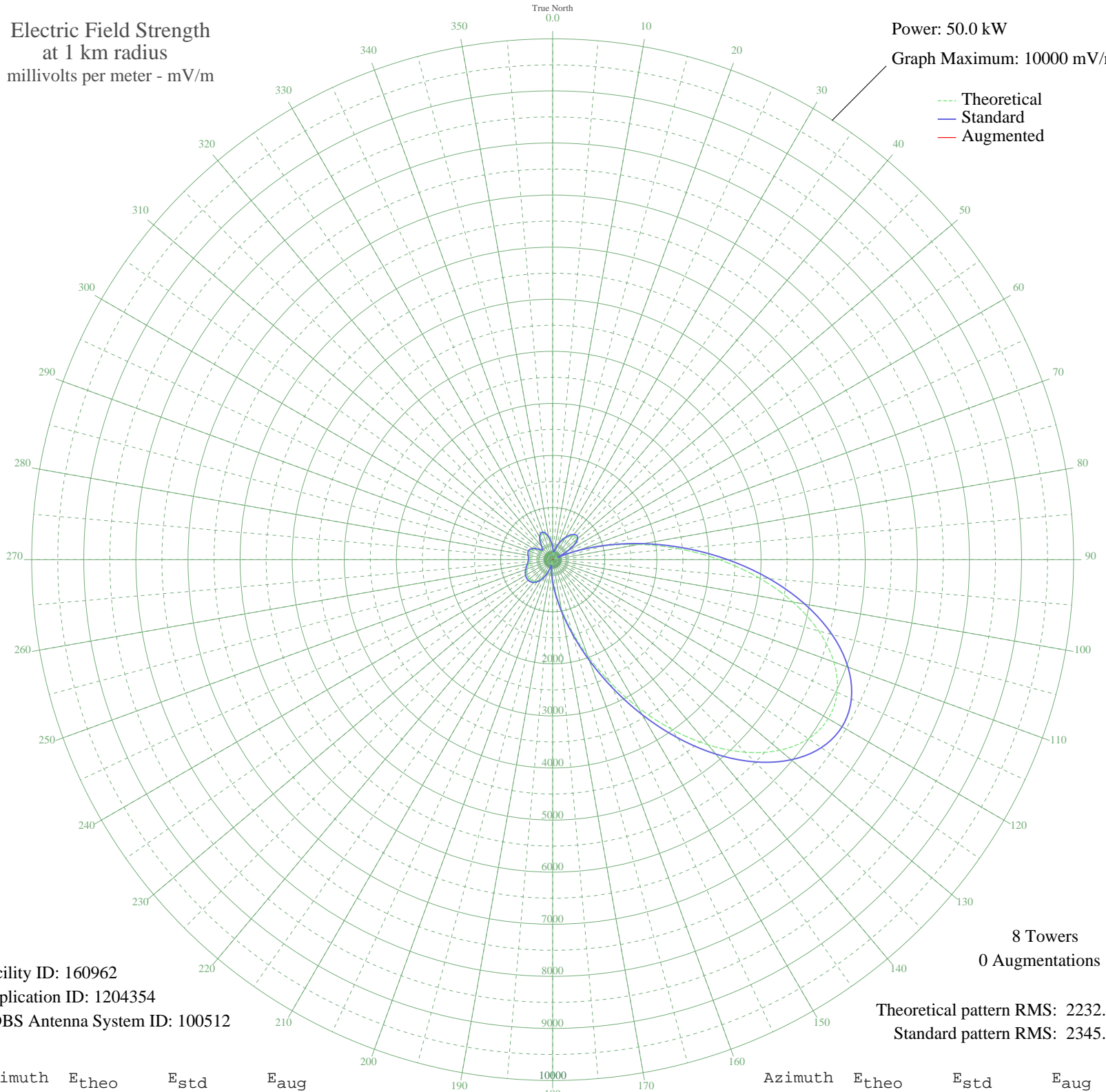


# NEW BON AIR, VA BNP-20070926ABH 1200 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 160962  
Application ID: 1204354  
CDBS Antenna System ID: 100512

Theoretical pattern RMS: 2232.72  
Standard pattern RMS: 2345.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	215.18	243.29	
5	125.45	159.66	
10	121.04	155.87	
15	198.00	226.64	
20	289.51	317.10	
25	379.19	408.24	
30	463.40	494.87	
35	537.96	572.01	
40	594.29	630.49	
45	618.19	655.34	
50	590.33	626.38	
55	488.38	520.67	
60	290.75	318.34	
65	43.30	101.04	
70	461.49	492.89	
75	1017.93	1072.63	
80	1680.74	1767.08	
85	2421.17	2543.83	
90	3199.79	3360.99	
95	3969.77	4169.23	
100	4681.35	4916.24	
105	5286.75	5551.82	
110	5744.76	6032.67	
115	6024.55	6326.42	
120	6108.51	6414.57	
125	5993.67	6294.00	
130	5691.86	5977.13	
135	5228.55	5490.71	
140	4640.45	4873.31	
145	3972.08	4171.66	
150	3271.54	3436.30	
155	2585.81	2716.60	
160	1956.05	2055.83	
165	1413.24	1486.65	
170	974.52	1027.22	
175	640.54	678.60	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	395.24	424.70	
185	211.30	239.51	
190	67.42	114.69	
195	93.35	133.23	
200	214.62	242.74	
205	325.04	353.02	
210	416.67	446.72	
215	486.65	518.89	
220	535.41	569.37	
225	565.22	600.30	
230	578.70	614.30	
235	578.05	613.62	
240	565.37	600.46	
245	543.54	577.80	
250	516.41	549.69	
255	488.34	520.64	
260	463.29	494.75	
265	444.58	475.45	
270	435.14	465.72	
275	436.78	467.41	
280	447.64	478.60	
285	460.35	491.72	
290	463.49	494.96	
295	445.86	476.77	
300	401.25	430.86	
305	333.30	361.42	
310	263.42	290.93	
315	239.91	267.58	
320	293.99	321.60	
325	385.06	414.26	
330	467.86	499.47	
335	518.47	551.83	
340	526.65	560.30	
345	491.58	523.99	
350	419.63	449.76	
355	322.29	350.23	

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.

06 Mar 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission