

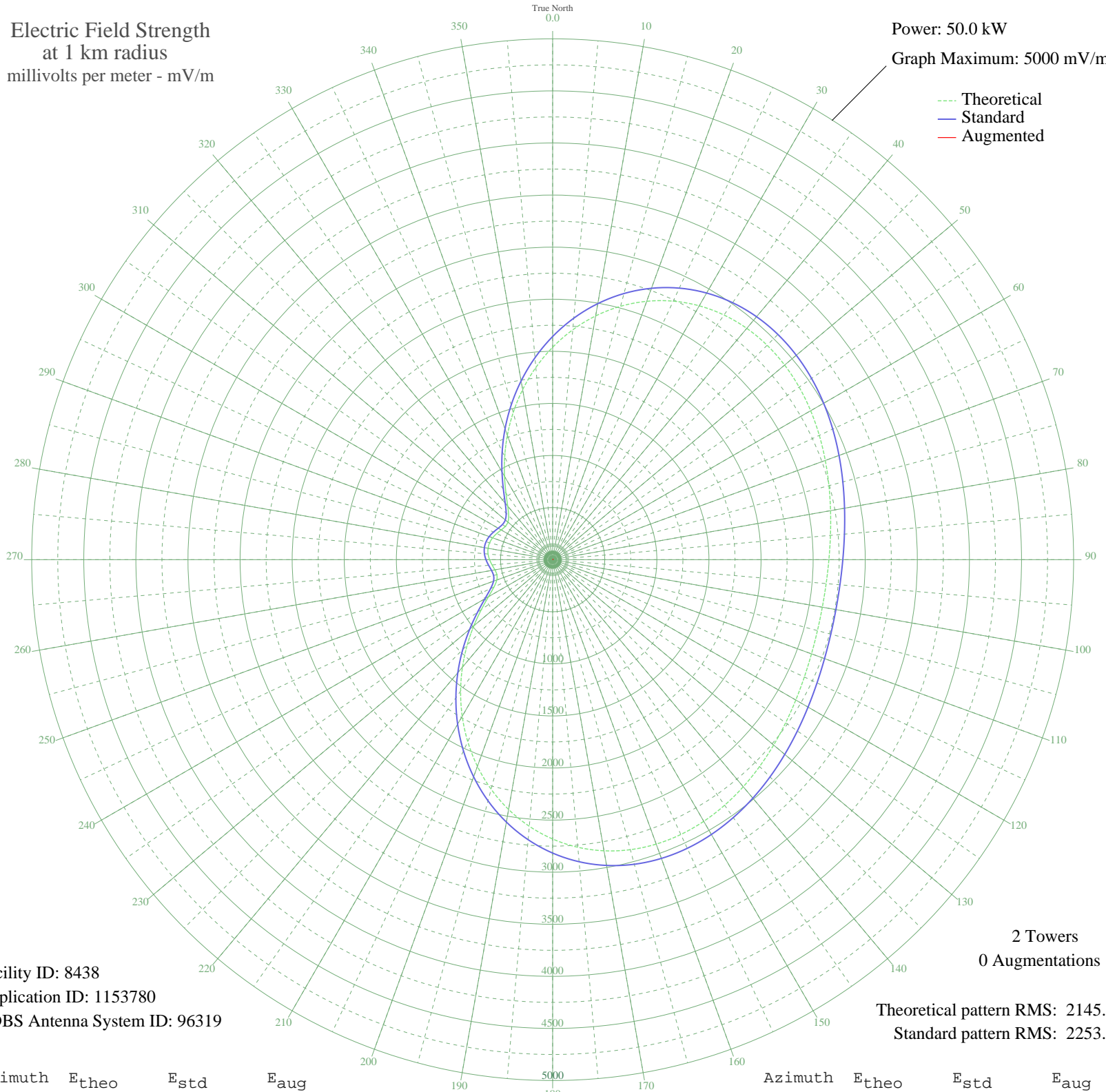
# WHAN VICTORIA, VA BMJP-20051031ACR 650 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 8438  
Application ID: 1153780  
CDBS Antenna System ID: 96319

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2145.00  
Standard pattern RMS: 2253.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2039.10	2142.34	
5	2215.11	2327.05	
10	2375.87	2495.77	
15	2518.11	2645.05	
20	2639.38	2772.35	
25	2738.19	2876.05	
30	2813.95	2955.58	
35	2867.04	3011.30	
40	2898.70	3044.54	
45	2910.93	3057.38	
50	2906.37	3052.59	
55	2888.07	3033.38	
60	2859.39	3003.28	
65	2823.79	2965.90	
70	2784.64	2924.82	
75	2745.16	2883.37	
80	2708.21	2844.59	
85	2676.28	2811.07	
90	2651.38	2784.94	
95	2635.00	2767.75	
100	2628.10	2760.50	
105	2631.07	2763.62	
110	2643.74	2776.92	
115	2665.38	2799.63	
120	2694.71	2830.42	
125	2729.92	2867.38	
130	2768.72	2908.10	
135	2808.37	2949.72	
140	2845.79	2989.00	
145	2877.65	3022.45	
150	2900.51	3046.44	
155	2910.96	3057.41	
160	2905.79	3051.98	
165	2882.18	3027.20	
170	2837.85	2980.67	
175	2771.26	2910.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2681.66	2816.72	
185	2569.24	2698.72	
190	2435.15	2557.98	
195	2281.45	2396.67	
200	2111.09	2217.89	
205	1927.80	2025.56	
210	1735.95	1824.25	
215	1540.42	1619.14	
220	1346.56	1415.84	
225	1160.15	1220.42	
230	987.45	1039.47	
235	835.32	880.22	
240	711.16	750.40	
245	621.83	657.13	
250	570.79	603.91	
255	554.60	587.04	
260	562.98	595.77	
265	583.41	617.06	
270	605.47	640.06	
275	622.18	657.50	
280	629.66	665.30	
285	626.42	661.91	
290	613.08	648.00	
295	592.51	626.55	
300	570.36	603.47	
305	555.71	588.20	
310	560.59	593.28	
315	596.83	631.05	
320	670.93	708.38	
325	781.88	824.33	
330	923.72	972.74	
335	1089.06	1145.92	
340	1270.77	1336.37	
345	1462.36	1537.27	
350	1657.89	1742.36	
355	1851.83	1945.83	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission