WHAN VICTORIA, VA BMJP-20051031ACR 650 kHz

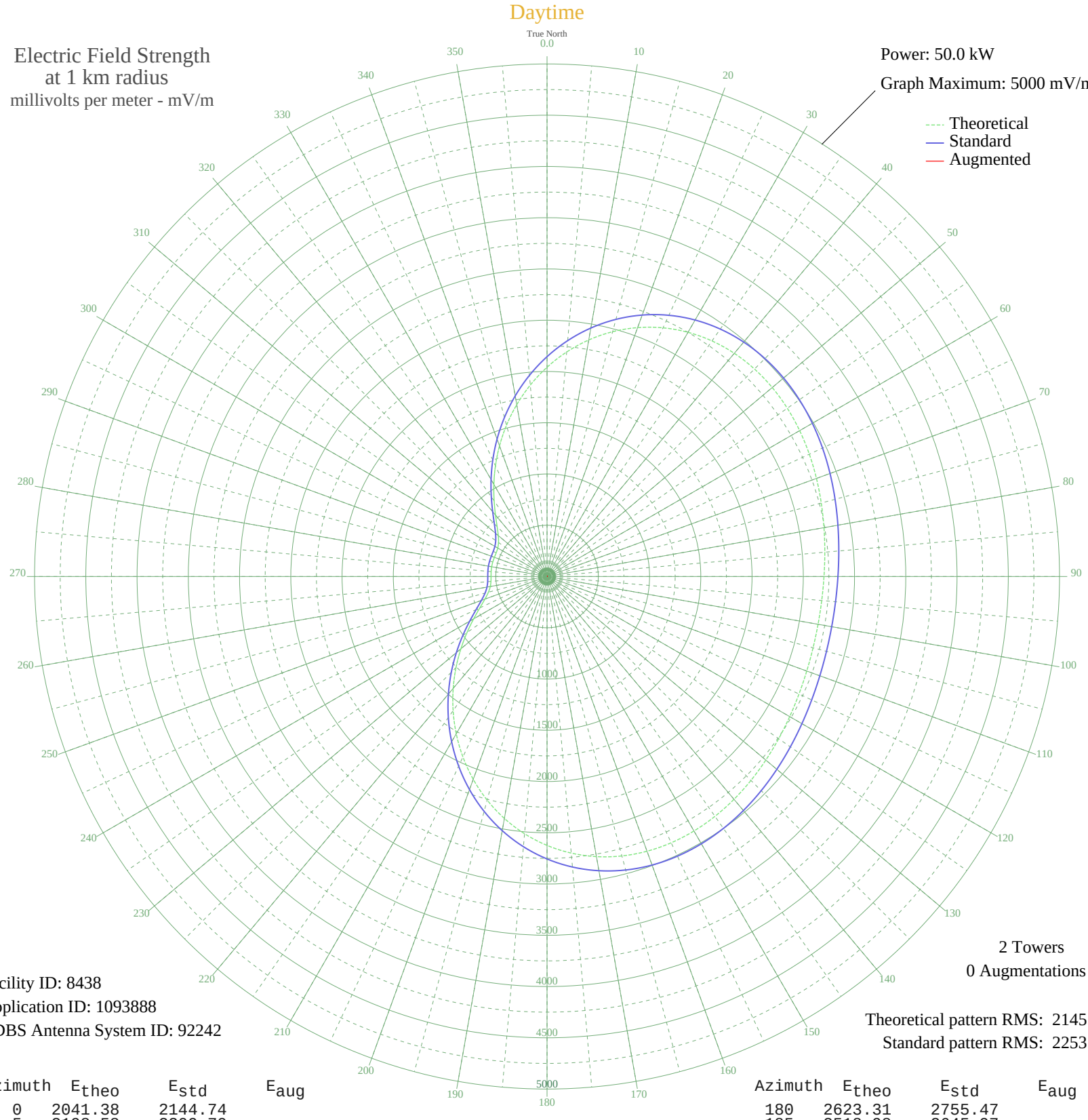
Daytime

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

Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented



2 Towers
0 Augmentations

Facility ID: 8438
Application ID: 1093888
CDBS Antenna System ID: 92242

Theoretical pattern RMS: 2145.00
Standard pattern RMS: 2253.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2041.38	2144.74	
5	2198.58	2309.70	
10	2343.05	2461.32	
15	2472.13	2596.80	
20	2583.81	2714.02	
25	2676.82	2811.64	
30	2750.62	2889.10	
35	2805.42	2946.63	
40	2842.15	2985.18	
45	2862.33	3006.37	
50	2868.02	3012.34	
55	2861.64	3005.64	
60	2845.87	2989.08	
65	2823.48	2965.58	
70	2797.23	2938.02	
75	2769.74	2909.17	
80	2743.39	2881.52	
85	2720.26	2857.24	
90	2702.03	2838.10	
95	2689.95	2825.43	
100	2684.85	2820.07	
105	2687.04	2822.37	
110	2696.40	2832.20	
115	2712.30	2848.88	
120	2733.65	2871.29	
125	2758.94	2897.84	
130	2786.24	2926.49	
135	2813.29	2954.88	
140	2837.55	2980.35	
145	2856.31	3000.04	
150	2866.77	3011.03	
155	2866.22	3010.45	
160	2852.10	2995.63	
165	2822.21	2964.25	
170	2774.78	2914.47	
175	2708.65	2845.05	

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.

30 Aug 2006

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2623.31	2755.47	
185	2518.98	2645.97	
190	2396.66	2517.58	
195	2258.06	2372.12	
200	2105.59	2212.12	
205	1942.29	2040.75	
210	1771.65	1861.71	
215	1597.58	1679.11	
220	1424.27	1497.32	
225	1256.05	1320.95	
230	1097.43	1154.69	
235	952.89	1003.29	
240	826.88	871.40	
245	723.36	763.15	
250	645.08	681.39	
255	592.39	626.43	
260	562.39	595.16	
265	549.31	581.53	
270	546.30	578.40	
275	547.36	579.50	
280	548.46	580.65	
285	547.94	580.11	
290	546.51	578.62	
295	547.27	579.41	
300	555.51	587.99	
305	577.94	611.37	
310	621.02	656.28	
315	688.93	727.18	
320	782.58	825.06	
325	900.03	947.94	
330	1037.67	1092.08	
335	1191.20	1252.96	
340	1356.12	1425.86	
345	1527.93	1606.04	
350	1702.21	1788.86	
355	1874.70	1969.84	