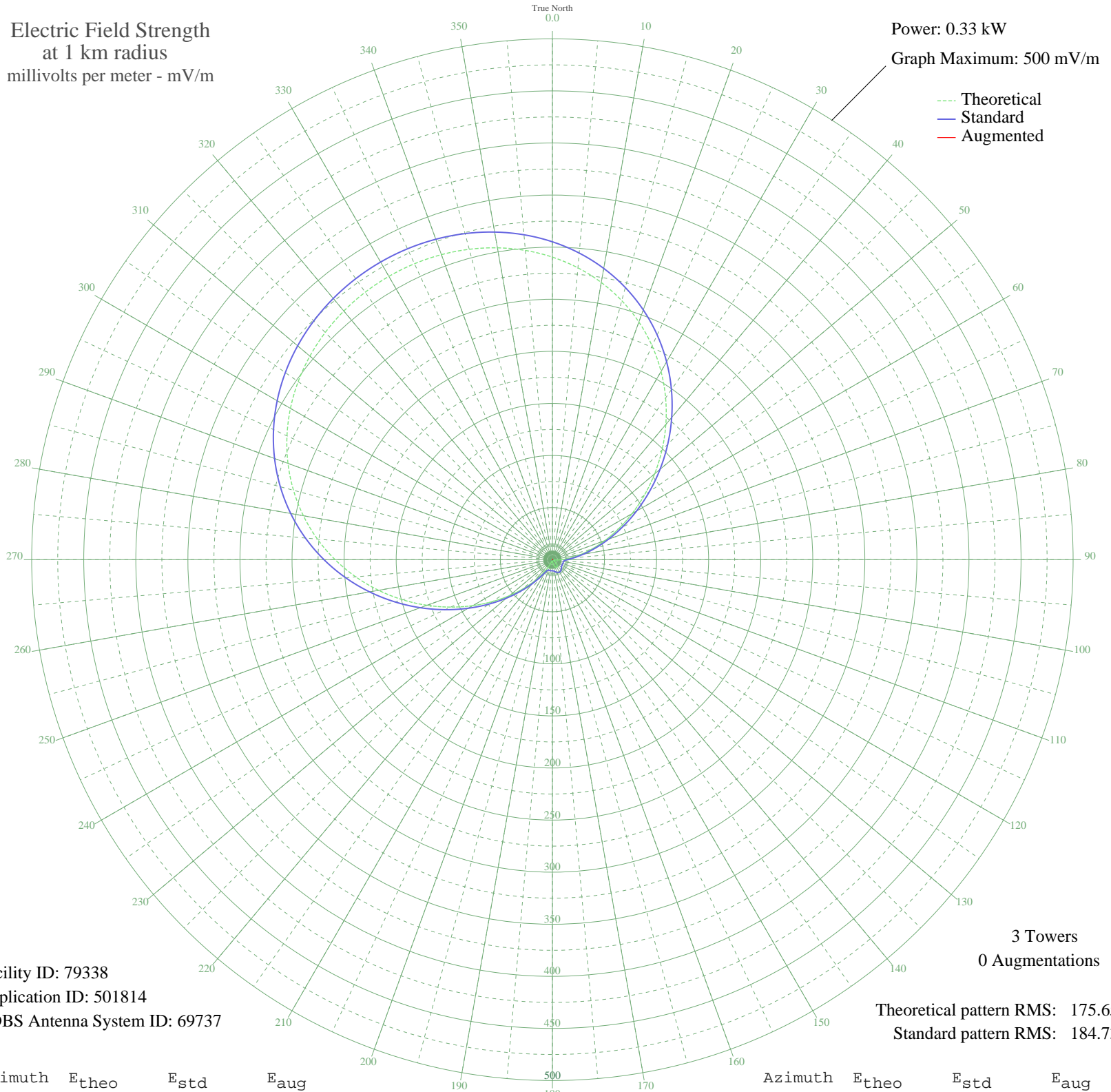


# WARD PETOSKEY, MI BL-20000605ANA 750 kHz

Nighttime

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

Power: 0.33 kW  
Graph Maximum: 500 mV/m



Facility ID: 79338  
Application ID: 501814  
CDBS Antenna System ID: 69737

3 Towers  
0 Augmentations

Theoretical pattern RMS: 175.65  
Standard pattern RMS: 184.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	290.45	305.15	
5	281.21	295.46	
10	270.21	283.91	
15	257.40	270.47	
20	242.79	255.15	
25	226.49	238.05	
30	208.65	219.33	
35	189.52	199.28	
40	169.44	178.23	
45	148.82	156.61	
50	128.09	134.90	
55	107.75	113.62	
60	88.26	93.27	
65	70.08	74.33	
70	53.60	57.26	
75	39.13	42.41	
80	26.87	30.10	
85	16.93	20.65	
90	9.33	14.36	
95	4.04	11.32	
100	1.59	10.63	
105	2.19	10.75	
110	2.42	10.80	
115	1.84	10.68	
120	1.29	10.59	
125	2.36	10.79	
130	4.13	11.36	
135	5.86	12.17	
140	7.26	12.98	
145	8.17	13.56	
150	8.48	13.77	
155	8.17	13.56	
160	7.26	12.98	
165	5.86	12.17	
170	4.13	11.36	
175	2.36	10.79	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1.29	10.59	
185	1.84	10.68	
190	2.42	10.80	
195	2.19	10.75	
200	1.59	10.63	
205	4.04	11.32	
210	9.33	14.36	
215	16.93	20.65	
220	26.87	30.10	
225	39.13	42.41	
230	53.60	57.26	
235	70.08	74.33	
240	88.26	93.27	
245	107.75	113.62	
250	128.09	134.90	
255	148.82	156.61	
260	169.44	178.23	
265	189.52	199.27	
270	208.65	219.33	
275	226.49	238.04	
280	242.79	255.15	
285	257.40	270.47	
290	270.21	283.91	
295	281.21	295.46	
300	290.45	305.15	
305	298.00	313.07	
310	303.96	319.34	
315	308.46	324.05	
320	311.59	327.33	
325	313.43	329.26	
330	314.03	329.90	
335	313.43	329.26	
340	311.59	327.33	
345	308.46	324.05	
350	303.96	319.34	
355	298.00	313.07	

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission