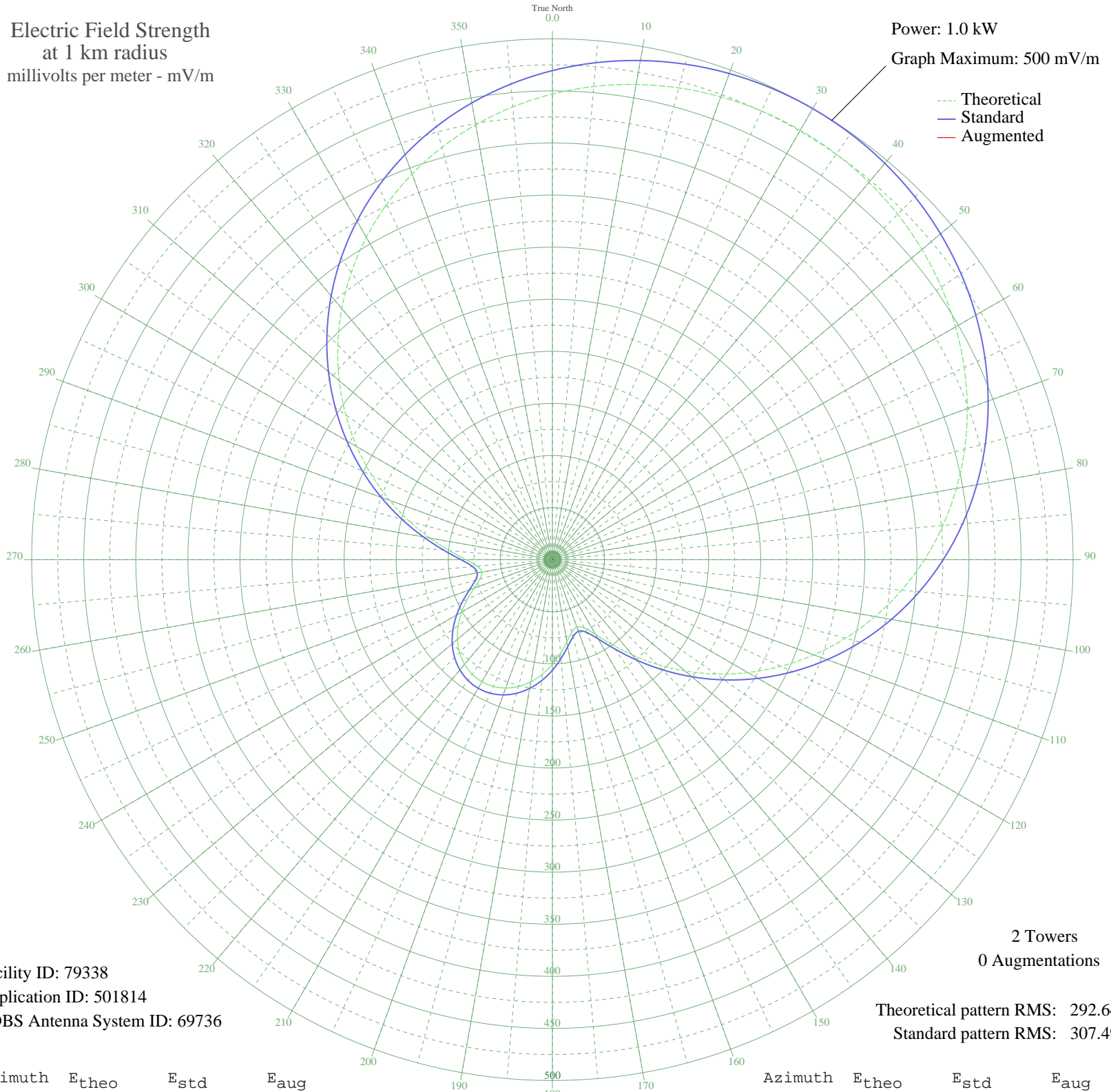


WARD PETOSKEY, MI BL-20000605ANA 750 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 79338
Application ID: 501814
CDBS Antenna System ID: 69736

Theoretical pattern RMS: 292.64
Standard pattern RMS: 307.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	446.99	469.48	
5	455.95	478.89	
10	463.23	486.53	
15	468.85	492.43	
20	472.84	496.62	
25	475.23	499.12	
30	476.02	499.96	
35	475.23	499.12	
40	472.84	496.62	
45	468.85	492.43	
50	463.23	486.53	
55	455.95	478.89	
60	446.99	469.48	
65	436.32	458.28	
70	423.91	445.26	
75	409.78	430.42	
80	393.92	413.78	
85	376.39	395.38	
90	357.24	375.28	
95	336.59	353.61	
100	314.56	330.49	
105	291.33	306.11	
110	267.11	280.70	
115	242.15	254.52	
120	216.77	227.90	
125	191.31	201.21	
130	166.20	174.90	
135	141.96	149.51	
140	119.29	125.79	
145	99.14	104.74	
150	82.89	87.80	
155	72.33	76.82	
160	68.85	73.21	
165	72.11	76.59	
170	79.97	84.76	
175	90.00	95.21	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	100.49	106.15	
185	110.36	116.45	
190	118.98	125.46	
195	125.97	132.77	
200	131.09	138.13	
205	134.22	141.41	
210	135.27	142.50	
215	134.22	141.41	
220	131.09	138.13	
225	125.97	132.77	
230	118.98	125.46	
235	110.36	116.45	
240	100.49	106.15	
245	90.00	95.21	
250	79.97	84.76	
255	72.11	76.59	
260	68.85	73.21	
265	72.33	76.82	
270	82.89	87.80	
275	99.14	104.74	
280	119.29	125.79	
285	141.96	149.51	
290	166.20	174.90	
295	191.31	201.21	
300	216.77	227.90	
305	242.15	254.52	
310	267.11	280.70	
315	291.33	306.11	
320	314.56	330.49	
325	336.59	353.61	
330	357.24	375.28	
335	376.39	395.38	
340	393.92	413.78	
345	409.78	430.42	
350	423.91	445.26	
355	436.32	458.28	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission