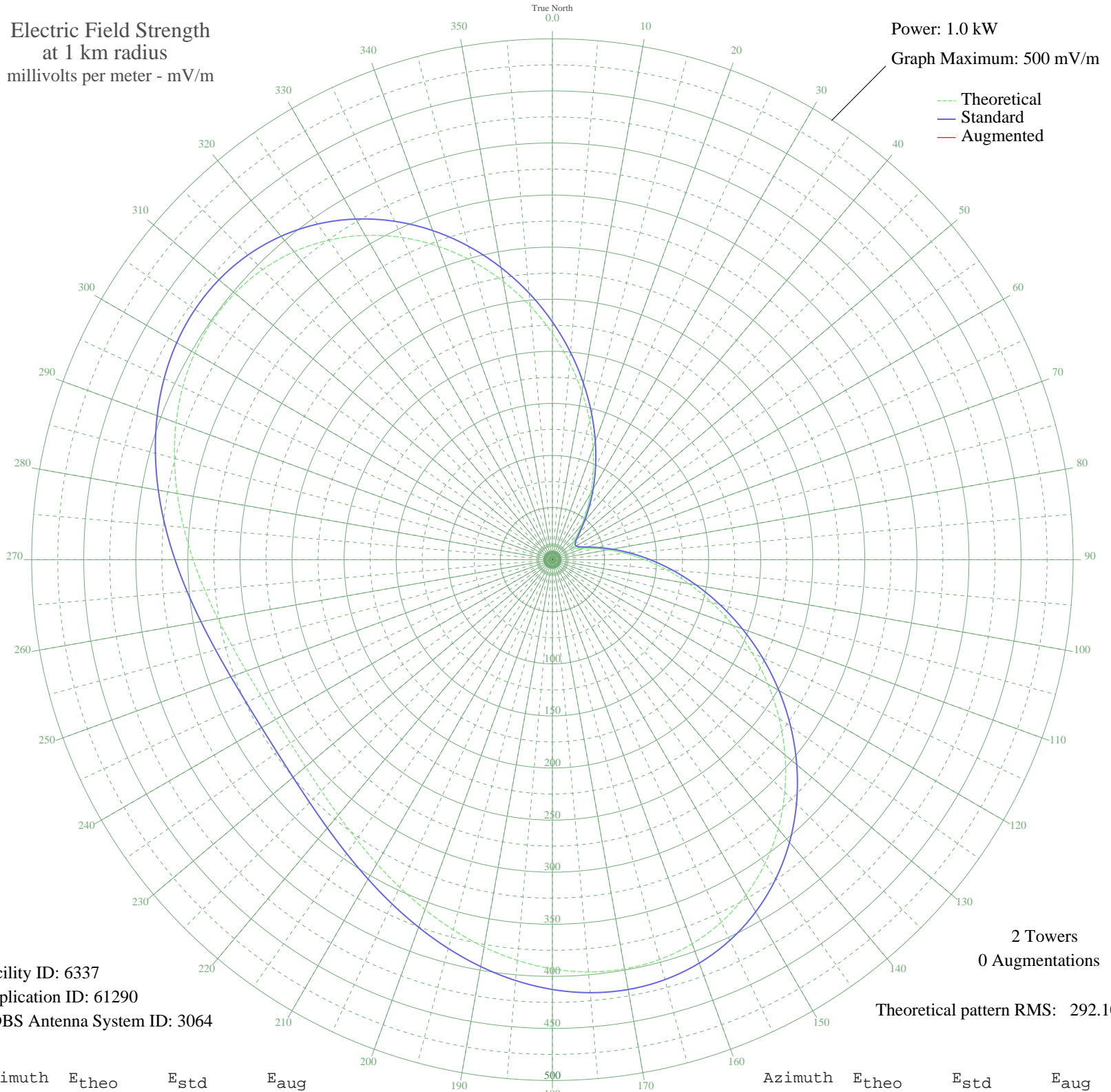


# WMRI MARION, IN BL-19830923AG 860 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 6337  
Application ID: 61290  
CDBS Antenna System ID: 3064

2 Towers  
0 Augmentations

Theoretical pattern RMS: 292.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	217.17	228.27	
5	189.95	199.73	
10	163.38	171.88	
15	138.02	145.30	
20	114.36	120.53	
25	92.82	98.02	
30	73.75	78.14	
35	57.44	61.21	
40	44.09	47.47	
45	33.87	37.09	
50	26.89	30.13	
55	23.22	26.54	
60	22.88	26.22	
65	25.89	29.14	
70	32.22	35.42	
75	41.79	45.12	
80	54.52	58.20	
85	70.26	74.51	
90	88.79	93.82	
95	109.87	115.84	
100	133.14	140.19	
105	158.20	166.44	
110	184.57	194.08	
115	211.70	222.53	
120	239.00	251.17	
125	265.82	279.31	
130	291.54	306.30	
135	315.52	331.46	
140	337.18	354.20	
145	356.04	373.99	
150	371.69	390.42	
155	383.87	403.20	
160	392.43	412.19	
165	397.40	417.40	
170	398.92	419.00	
175	397.27	417.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	392.84	412.62	
185	386.10	405.54	
190	377.59	396.61	
195	367.87	386.40	
200	357.50	375.52	
205	347.05	364.55	
210	337.02	354.03	
215	327.89	344.44	
220	320.04	336.20	
225	313.80	329.66	
230	309.43	325.07	
235	307.09	322.62	
240	306.88	322.40	
245	308.80	324.41	
250	312.77	328.58	
255	318.65	334.75	
260	326.20	342.67	
265	335.11	352.02	
270	344.99	362.39	
275	355.40	373.32	
280	365.83	384.26	
285	375.72	394.65	
290	384.52	403.89	
295	391.66	411.38	
300	396.59	416.56	
305	398.83	418.91	
310	397.97	418.00	
315	393.71	413.53	
320	385.87	405.30	
325	374.41	393.27	
330	359.44	377.56	
335	341.19	358.41	
340	320.05	336.22	
345	296.49	311.49	
350	271.08	284.82	
355	244.42	256.86	

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