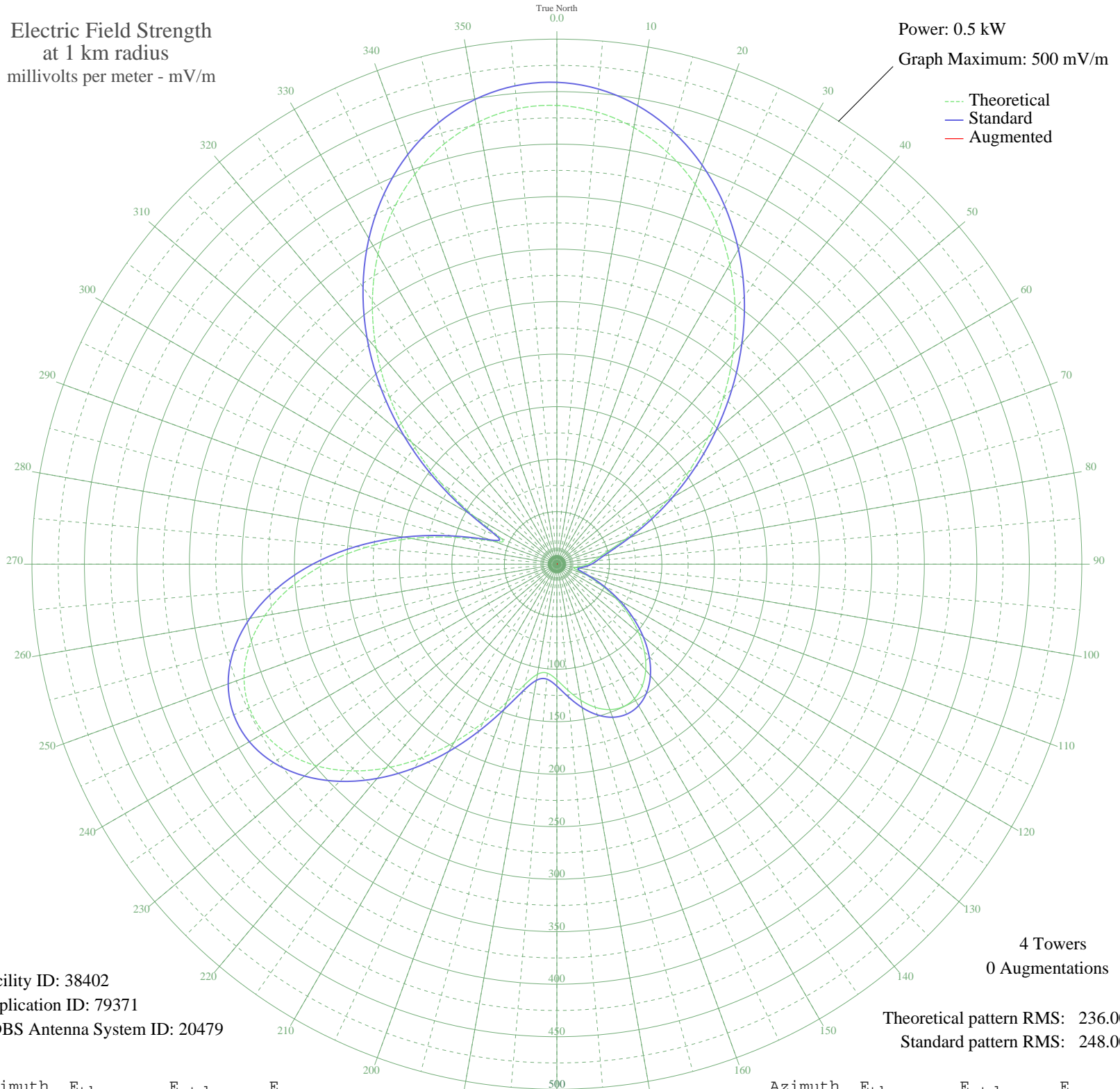


# WLTH GARY, IN BL-19850624AI 1370 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 38402  
Application ID: 79371  
CDBS Antenna System ID: 20479

4 Towers  
0 Augmentations

Theoretical pattern RMS: 236.00  
Standard pattern RMS: 248.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	436.89	458.86	
5	432.45	454.20	
10	422.15	443.39	
15	406.24	426.69	
20	385.09	404.49	
25	359.23	377.35	
30	329.34	345.98	
35	296.24	311.24	
40	260.91	274.17	
45	224.45	235.92	
50	188.07	197.77	
55	153.05	161.07	
60	120.71	127.21	
65	92.38	97.60	
70	69.30	73.57	
75	52.42	56.09	
80	41.62	45.02	
85	35.02	38.33	
90	29.68	32.99	
95	23.60	27.05	
100	17.59	21.42	
105	18.10	21.88	
110	29.20	32.52	
115	45.74	49.23	
120	64.39	68.47	
125	83.44	88.28	
130	101.67	107.30	
135	118.01	124.38	
140	131.59	138.59	
145	141.70	149.18	
150	147.84	155.60	
155	149.73	157.59	
160	147.37	155.11	
165	141.08	148.53	
170	131.65	138.65	
175	120.52	127.01	

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	110.15	116.16	
185	104.15	109.90	
190	106.47	112.32	
195	118.90	125.32	
200	139.96	147.36	
205	166.60	175.26	
210	195.88	205.96	
215	225.47	236.99	
220	253.48	266.37	
225	278.34	292.46	
230	298.73	313.86	
235	313.56	329.41	
240	321.93	338.20	
245	323.24	339.58	
250	317.13	333.16	
255	303.52	318.88	
260	282.63	296.96	
265	254.95	267.92	
270	221.28	232.60	
275	182.72	192.16	
280	140.85	148.29	
285	98.50	103.99	
290	63.51	67.56	
295	59.02	62.91	
300	90.94	96.10	
305	134.89	142.05	
310	180.79	190.14	
315	225.56	237.08	
320	267.73	281.32	
325	306.39	321.89	
330	340.86	358.07	
335	370.62	389.30	
340	395.25	415.15	
345	414.40	435.25	
350	427.82	449.35	
355	435.35	457.25	

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission