

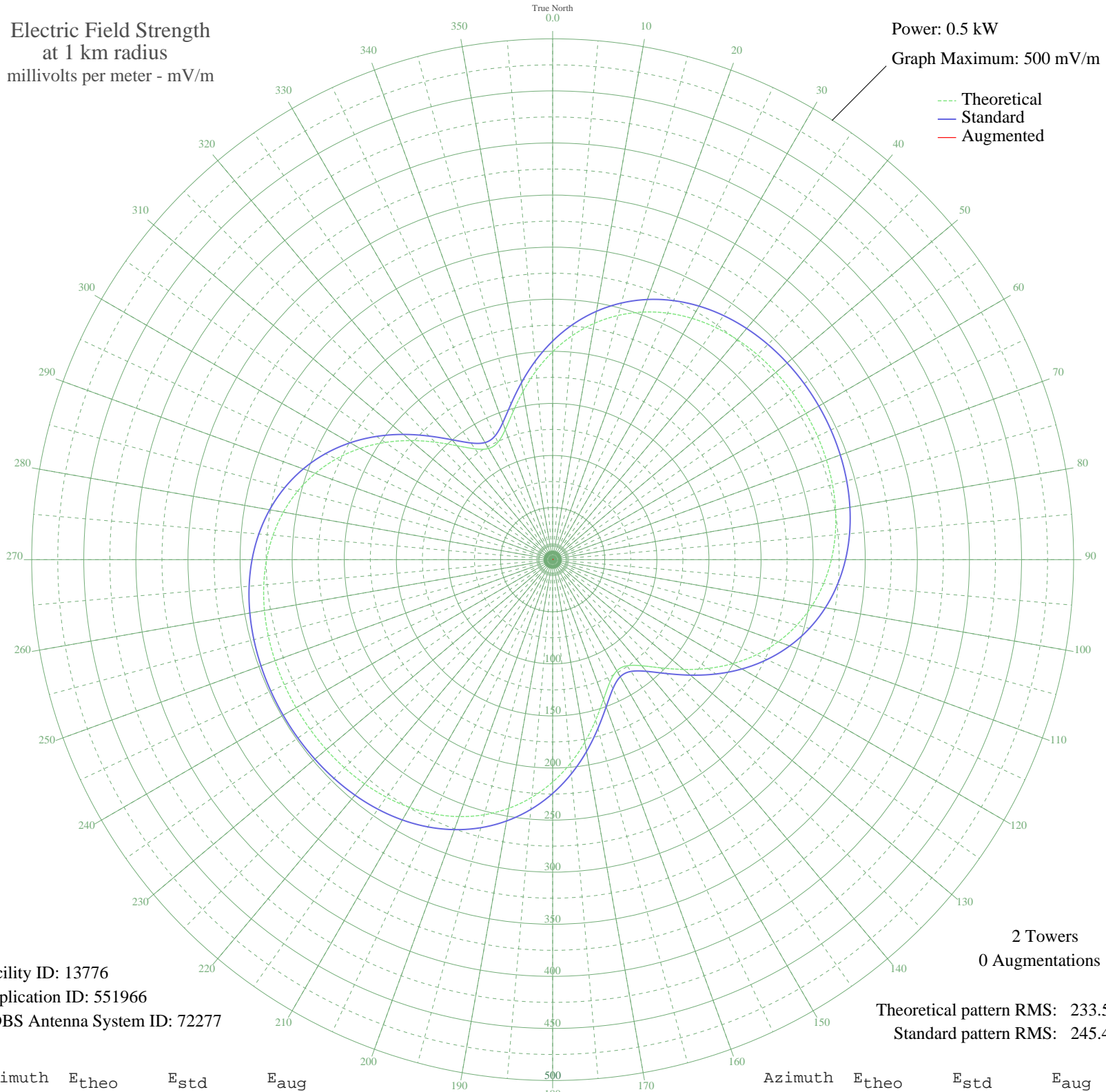
**WOIR HOMESTEAD, FL BL-20010202ABA 1430 kHz**

**Nighttime**

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 13776  
Application ID: 551966  
CDBS Antenna System ID: 72277

2 Towers  
0 Augmentations

Theoretical pattern RMS: 233.58  
Standard pattern RMS: 245.48

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	199.60	209.84	
5	215.90	226.94	
10	230.35	242.10	
15	242.71	255.06	
20	252.93	265.79	
25	261.13	274.38	
30	267.48	281.05	
35	272.25	286.06	
40	275.70	289.68	
45	278.08	292.17	
50	279.61	293.78	
55	280.46	294.67	
60	280.73	294.95	
65	280.46	294.67	
70	279.61	293.78	
75	278.08	292.17	
80	275.70	289.68	
85	272.25	286.06	
90	267.48	281.05	
95	261.13	274.38	
100	252.93	265.79	
105	242.71	255.06	
110	230.35	242.10	
115	215.90	226.94	
120	199.60	209.84	
125	181.97	191.36	
130	163.93	172.45	
135	146.90	154.60	
140	132.89	139.93	
145	124.33	130.97	
150	123.20	129.78	
155	129.86	136.75	
160	142.75	150.26	
165	159.49	167.79	
170	177.86	187.05	
175	196.23	206.31	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	213.50	224.42	
185	229.00	240.68	
190	242.38	254.71	
195	253.51	266.40	
200	262.47	275.79	
205	269.41	283.08	
210	274.60	288.52	
215	278.32	292.43	
220	280.88	295.11	
225	282.55	296.86	
230	283.56	297.92	
235	284.09	298.48	
240	284.26	298.66	
245	284.09	298.48	
250	283.56	297.92	
255	282.55	296.86	
260	280.88	295.11	
265	278.32	292.43	
270	274.60	288.52	
275	269.41	283.08	
280	262.47	275.79	
285	253.51	266.40	
290	242.38	254.71	
295	229.00	240.68	
300	213.50	224.42	
305	196.23	206.31	
310	177.86	187.05	
315	159.49	167.79	
320	142.75	150.26	
325	129.86	136.75	
330	123.20	129.78	
335	124.33	130.97	
340	132.89	139.93	
345	146.90	154.60	
350	163.93	172.45	
355	181.97	191.36	