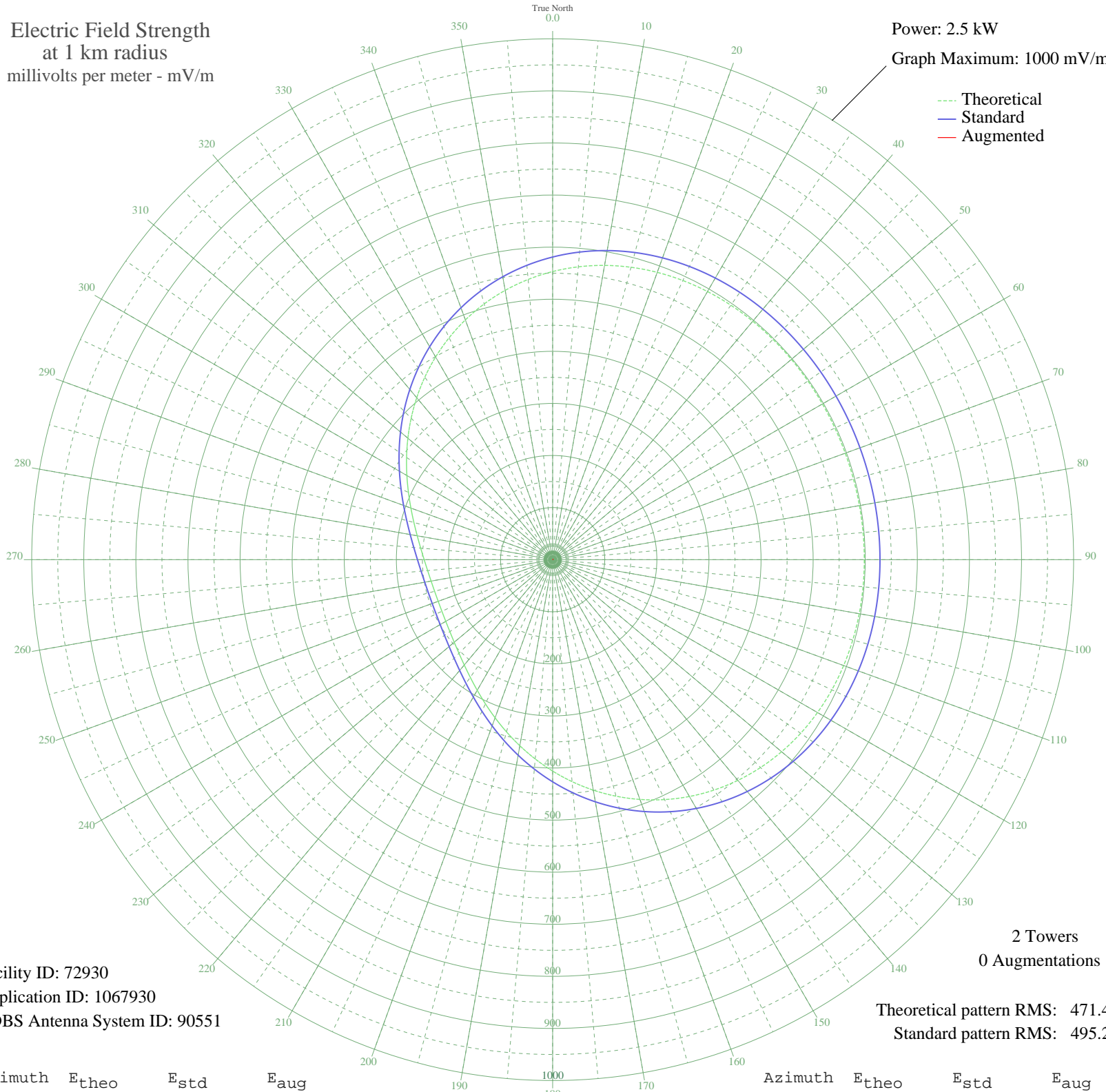


**WOTS KISSIMMEE, FL BP-20040524ALX 1220 kHz**

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 72930  
Application ID: 1067930  
CDBS Antenna System ID: 90551

2 Towers  
0 Augmentations

Theoretical pattern RMS: 471.41  
Standard pattern RMS: 495.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	553.15	581.05	
5	564.36	592.81	
10	573.67	602.58	
15	581.17	610.46	
20	587.01	616.58	
25	591.35	621.14	
30	594.41	624.35	
35	596.40	626.44	
40	597.55	627.65	
45	598.09	628.21	
50	598.21	628.34	
55	598.11	628.23	
60	597.92	628.04	
65	597.77	627.87	
70	597.71	627.81	
75	597.77	627.87	
80	597.92	628.04	
85	598.11	628.23	
90	598.21	628.34	
95	598.09	628.21	
100	597.55	627.65	
105	596.40	626.44	
110	594.41	624.35	
115	591.35	621.14	
120	587.01	616.58	
125	581.17	610.46	
130	573.67	602.58	
135	564.36	592.81	
140	553.15	581.05	
145	540.03	567.28	
150	525.03	551.53	
155	508.25	533.92	
160	489.87	514.63	
165	470.13	493.91	
170	449.32	472.07	
175	427.78	449.48	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	405.91	426.53	
185	384.10	403.64	
190	362.76	381.26	
195	342.29	359.79	
200	323.07	339.63	
205	305.42	321.12	
210	289.58	304.51	
215	275.73	289.99	
220	263.97	277.66	
225	254.29	267.52	
230	246.63	259.50	
235	240.88	253.47	
240	236.90	249.30	
245	234.57	246.86	
250	233.80	246.05	
255	234.57	246.86	
260	236.90	249.30	
265	240.88	253.47	
270	246.63	259.50	
275	254.29	267.52	
280	263.97	277.66	
285	275.73	289.99	
290	289.58	304.51	
295	305.42	321.12	
300	323.07	339.63	
305	342.29	359.79	
310	362.76	381.26	
315	384.10	403.64	
320	405.91	426.53	
325	427.78	449.48	
330	449.32	472.07	
335	470.13	493.91	
340	489.87	514.63	
345	508.25	533.92	
350	525.03	551.53	
355	540.03	567.28	