

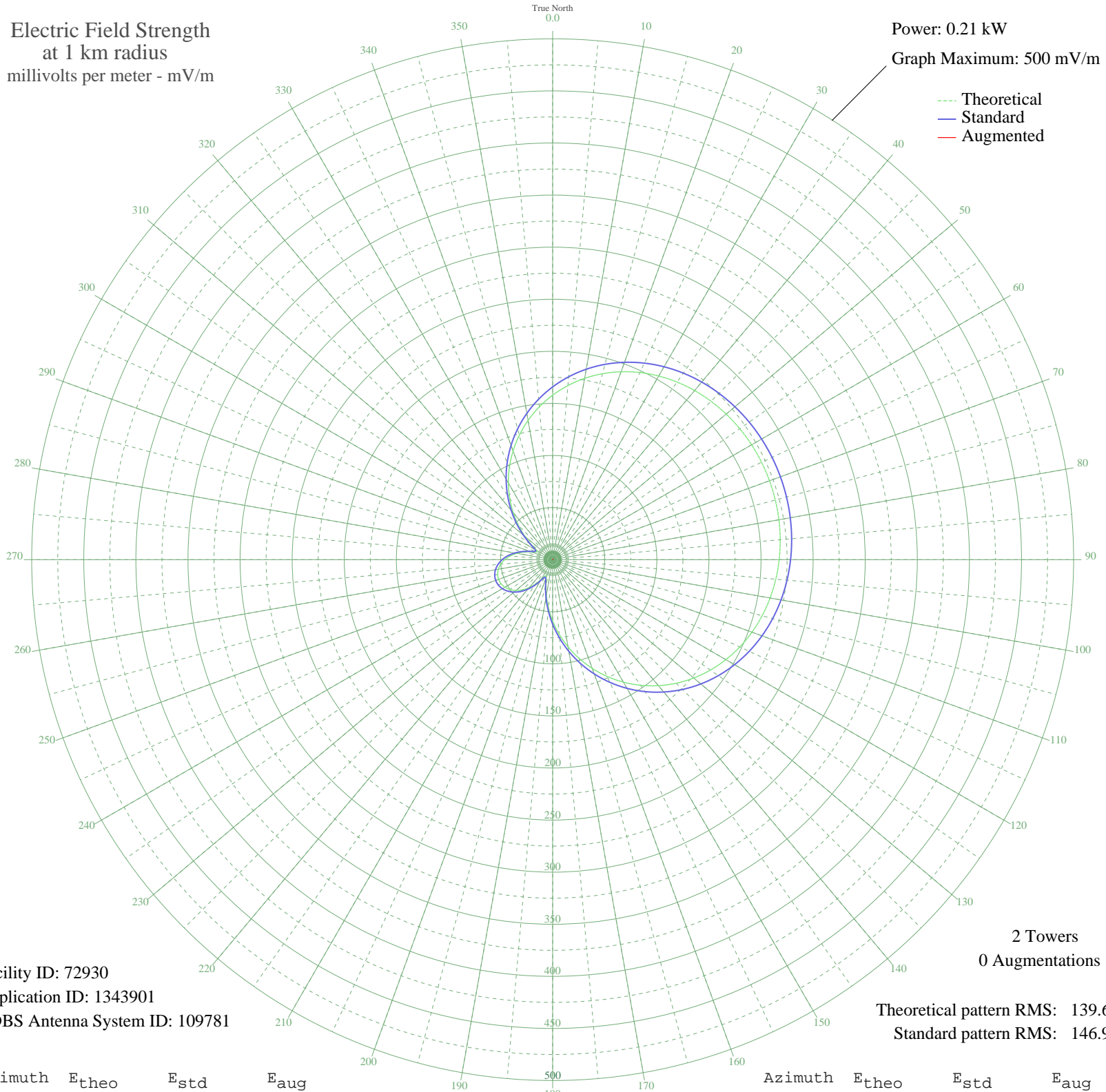
**WOTS KISSIMMEE, FL BP-20091123AIH 1220 kHz**

**Nighttime**

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

Power: 0.21 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 72930  
Application ID: 1343901  
CDBS Antenna System ID: 109781

2 Towers  
0 Augmentations

Theoretical pattern RMS: 139.61  
Standard pattern RMS: 146.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	157.88	165.85	
5	167.75	176.20	
10	176.73	185.63	
15	184.80	194.10	
20	191.95	201.60	
25	198.20	208.16	
30	203.58	213.81	
35	208.13	218.59	
40	211.92	222.57	
45	214.99	225.79	
50	217.41	228.33	
55	219.23	230.24	
60	220.49	231.57	
65	221.24	232.35	
70	221.48	232.61	
75	221.24	232.35	
80	220.49	231.57	
85	219.23	230.24	
90	217.41	228.33	
95	214.99	225.79	
100	211.92	222.57	
105	208.13	218.59	
110	203.58	213.81	
115	198.20	208.16	
120	191.95	201.60	
125	184.80	194.10	
130	176.73	185.63	
135	167.75	176.20	
140	157.88	165.85	
145	147.19	154.63	
150	135.75	142.62	
155	123.66	129.94	
160	111.06	116.71	
165	98.09	103.11	
170	84.92	89.30	
175	71.75	75.49	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	58.79	61.91	
185	46.31	48.86	
190	34.69	36.74	
195	24.68	26.36	
200	17.95	19.46	
205	17.18	18.67	
210	21.75	23.34	
215	28.26	30.06	
220	34.84	36.90	
225	40.82	43.13	
230	45.89	48.43	
235	49.93	52.65	
240	52.85	55.70	
245	54.62	57.55	
250	55.21	58.17	
255	54.62	57.55	
260	52.85	55.70	
265	49.93	52.65	
270	45.89	48.43	
275	40.82	43.13	
280	34.84	36.90	
285	28.26	30.06	
290	21.75	23.34	
295	17.18	18.67	
300	17.95	19.46	
305	24.68	26.36	
310	34.69	36.74	
315	46.31	48.86	
320	58.79	61.91	
325	71.75	75.49	
330	84.92	89.30	
335	98.09	103.11	
340	111.06	116.71	
345	123.66	129.94	
350	135.75	142.62	
355	147.19	154.63	