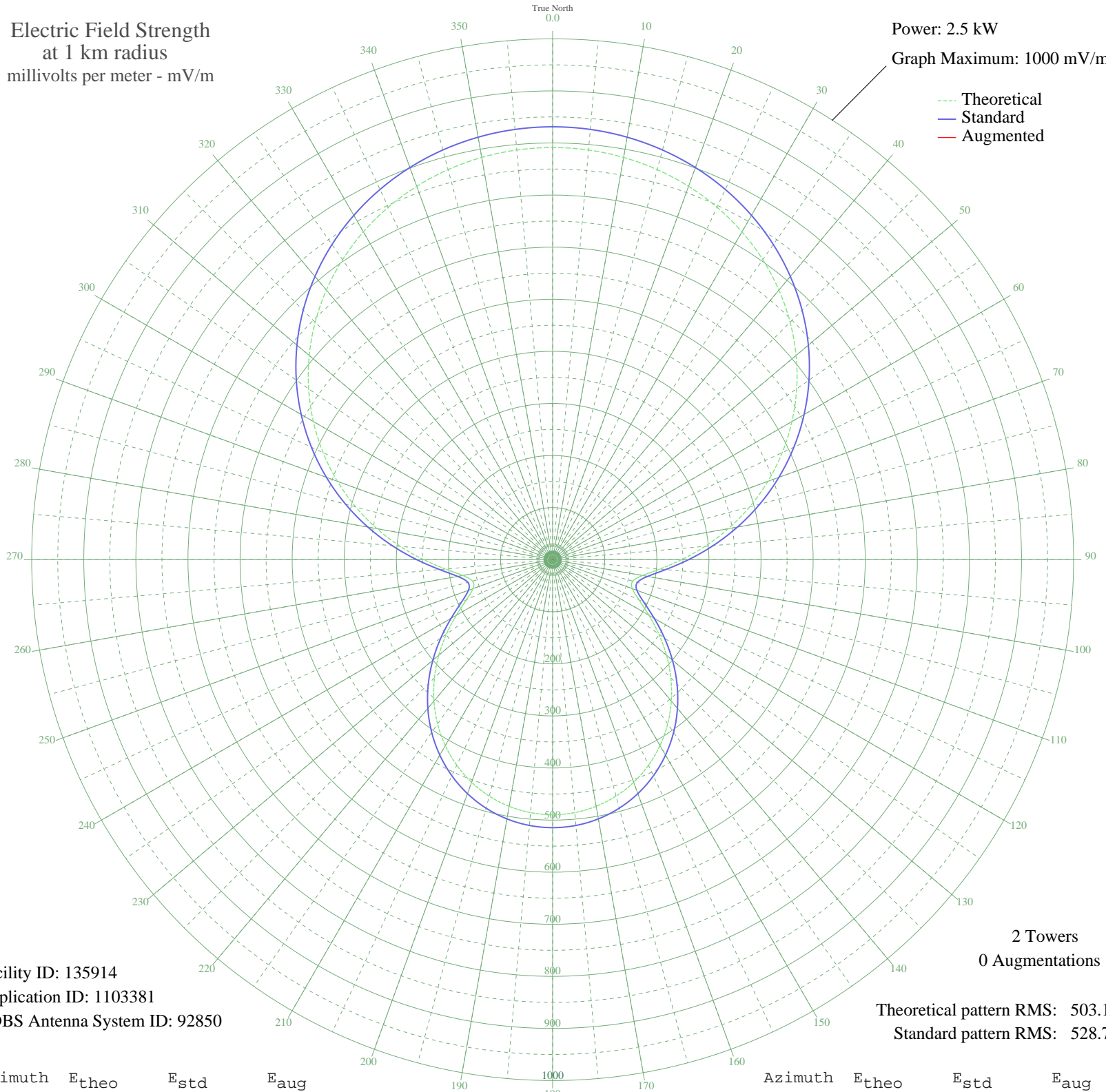


# WIWA ST. CLOUD, FL BL-20051109ACV 1160 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 135914  
Application ID: 1103381  
CDBS Antenna System ID: 92850

2 Towers  
0 Augmentations

Theoretical pattern RMS: 503.17  
Standard pattern RMS: 528.74

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	791.25	831.07	
5	789.48	829.22	
10	784.17	823.64	
15	775.28	814.31	
20	762.78	801.19	
25	746.61	784.22	
30	726.73	763.35	
35	703.11	738.55	
40	675.73	709.82	
45	644.64	677.20	
50	609.94	640.77	
55	571.78	600.72	
60	530.41	557.32	
65	486.21	510.94	
70	439.66	462.11	
75	391.43	411.52	
80	342.40	360.12	
85	293.83	309.22	
90	247.57	260.77	
95	206.50	217.82	
100	175.12	185.05	
105	159.27	168.52	
110	162.68	172.07	
115	182.84	193.10	
120	213.36	224.99	
125	248.66	261.92	
130	285.19	300.17	
135	320.86	337.54	
140	354.40	372.70	
145	385.01	404.79	
150	412.16	433.27	
155	435.52	457.77	
160	454.86	478.05	
165	470.02	493.95	
170	480.90	505.37	
175	487.45	512.24	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	489.63	514.53	
185	487.45	512.24	
190	480.90	505.37	
195	470.01	493.95	
200	454.86	478.05	
205	435.52	457.77	
210	412.16	433.27	
215	385.01	404.79	
220	354.40	372.70	
225	320.86	337.54	
230	285.19	300.17	
235	248.66	261.92	
240	213.36	224.99	
245	182.84	193.10	
250	162.68	172.07	
255	159.27	168.52	
260	175.12	185.05	
265	206.50	217.82	
270	247.57	260.77	
275	293.83	309.22	
280	342.40	360.12	
285	391.43	411.52	
290	439.66	462.11	
295	486.21	510.95	
300	530.41	557.32	
305	571.78	600.72	
310	609.94	640.77	
315	644.65	677.20	
320	675.73	709.82	
325	703.11	738.55	
330	726.73	763.35	
335	746.61	784.22	
340	762.78	801.19	
345	775.28	814.31	
350	784.17	823.64	
355	789.48	829.22	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission