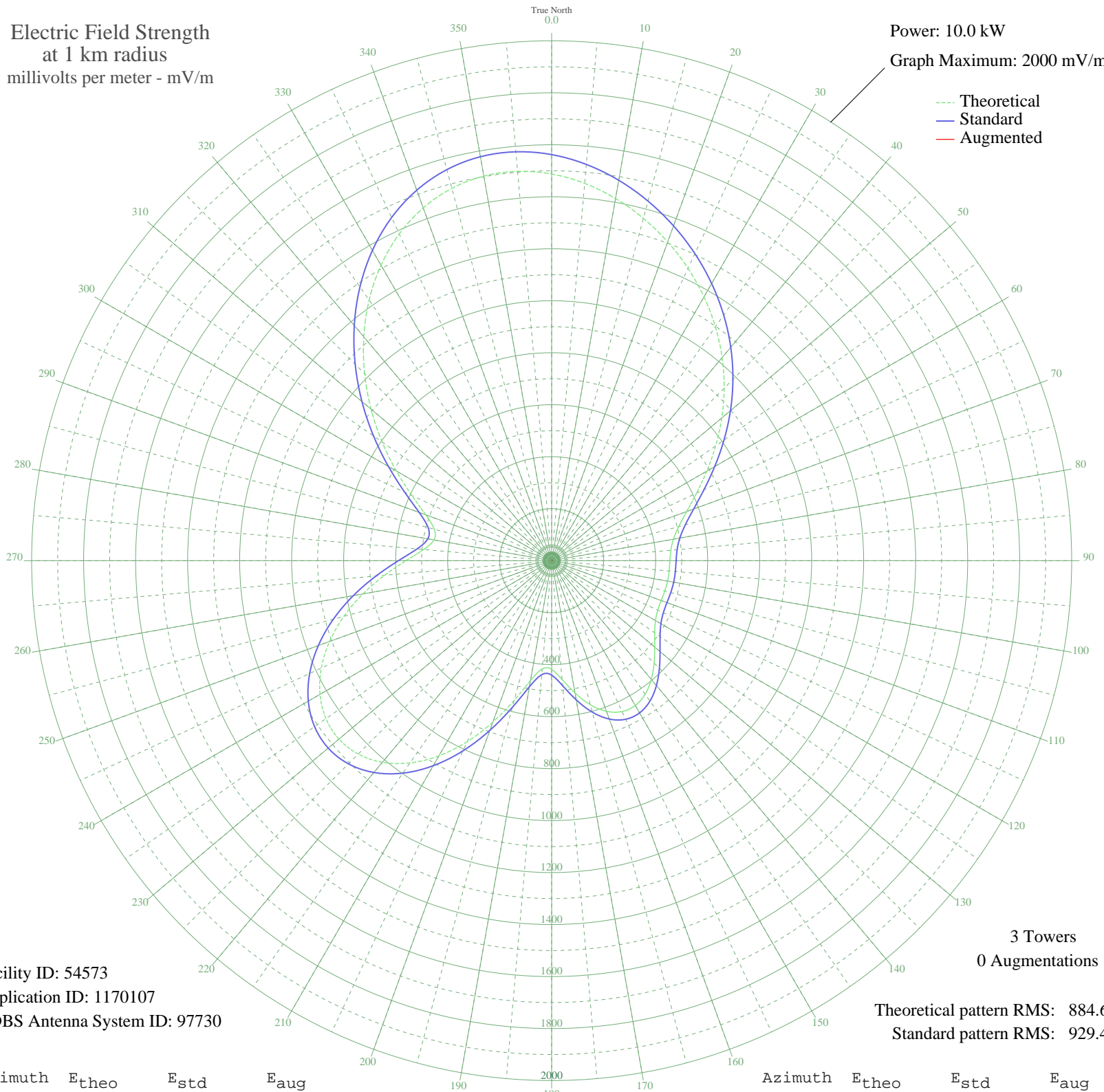


# WHOO KISSIMMEE, FL BL-20070116AEF 1080 kHz

## Critical Hours

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 54573  
Application ID: 1170107  
CDBS Antenna System ID: 97730

3 Towers  
0 Augmentations

Theoretical pattern RMS: 884.60  
Standard pattern RMS: 929.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1487.49	1562.22	
5	1457.06	1530.27	
10	1414.87	1485.98	
15	1363.51	1432.07	
20	1305.06	1370.71	
25	1240.93	1303.40	
30	1171.86	1230.90	
35	1098.18	1153.57	
40	1020.16	1071.69	
45	938.43	985.91	
50	854.30	897.63	
55	770.01	809.20	
60	688.83	724.03	
65	614.87	646.47	
70	552.61	581.19	
75	505.74	532.07	
80	475.63	500.52	
85	460.27	484.42	
90	454.82	478.71	
95	453.70	477.54	
100	452.73	476.53	
105	450.43	474.12	
110	448.31	471.89	
115	450.29	473.97	
120	461.11	485.30	
125	483.73	509.00	
130	517.33	544.21	
135	557.18	585.98	
140	596.24	626.93	
145	627.07	659.26	
150	643.28	676.26	
155	640.43	673.27	
160	616.68	648.36	
165	573.52	603.11	
170	516.80	543.66	
175	458.43	482.50	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	417.98	440.14	
185	418.15	440.32	
190	468.12	492.64	
195	555.55	584.28	
200	660.84	694.68	
205	768.21	807.30	
210	866.93	910.88	
215	949.90	997.95	
220	1012.57	1063.71	
225	1052.27	1105.38	
230	1067.91	1121.80	
235	1059.65	1113.13	
240	1028.78	1080.72	
245	977.51	1026.92	
250	908.95	954.97	
255	827.10	869.09	
260	737.00	774.56	
265	645.12	678.19	
270	560.15	589.09	
275	493.74	519.49	
280	459.54	483.66	
285	467.26	491.75	
290	515.37	542.15	
295	593.26	623.81	
300	689.55	724.78	
305	795.87	836.32	
310	906.54	952.44	
315	1017.26	1068.64	
320	1124.27	1180.95	
325	1223.87	1285.49	
330	1312.49	1378.51	
335	1386.83	1456.55	
340	1444.23	1516.80	
345	1482.97	1557.47	
350	1502.50	1577.98	
355	1503.45	1578.97	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission