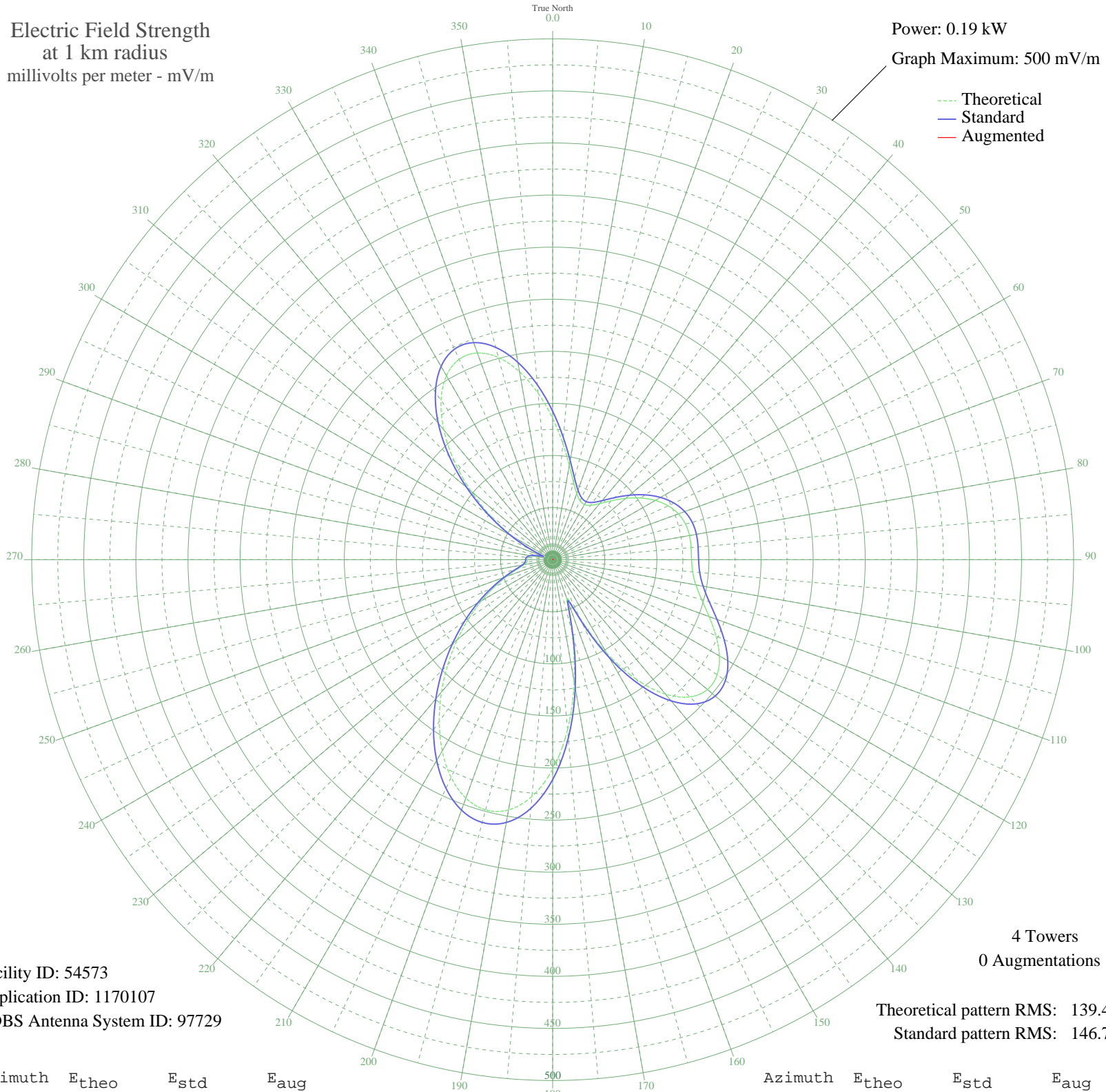


# WHOO KISSIMMEE, FL BL-20070116AEF 1080 kHz

Nighttime

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

Power: 0.19 kW  
Graph Maximum: 500 mV/m



Facility ID: 54573  
Application ID: 1170107  
CDBS Antenna System ID: 97729

4 Towers  
0 Augmentations

Theoretical pattern RMS: 139.43  
Standard pattern RMS: 146.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	135.59	142.45	
5	111.94	117.64	
10	91.96	96.68	
15	77.11	81.11	
20	67.49	71.03	
25	62.31	65.61	
30	61.04	64.27	
35	63.71	67.08	
40	70.33	74.00	
45	80.07	84.22	
50	91.52	96.22	
55	103.15	108.42	
60	113.70	119.49	
65	122.28	128.49	
70	128.39	134.90	
75	131.95	138.64	
80	133.32	140.07	
85	133.33	140.08	
90	133.30	140.05	
95	134.88	141.70	
100	139.56	146.62	
105	148.05	155.53	
110	159.75	167.81	
115	172.86	181.56	
120	184.78	194.07	
125	192.68	202.37	
130	193.90	203.65	
135	186.29	195.67	
140	168.52	177.01	
145	140.40	147.50	
150	103.34	108.61	
155	62.14	65.43	
160	39.71	41.97	
165	71.35	75.07	
170	118.80	124.84	
175	163.79	172.05	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	201.09	211.20	
185	228.15	239.61	
190	243.95	256.19	
195	248.70	261.18	
200	243.63	255.86	
205	230.66	242.24	
210	211.98	222.63	
215	189.82	199.37	
220	166.09	174.46	
225	142.30	149.50	
230	119.49	125.56	
235	98.27	103.29	
240	78.96	83.05	
245	61.79	65.06	
250	47.08	49.67	
255	35.45	37.54	
260	27.86	29.65	
265	24.70	26.39	
270	24.29	25.96	
275	23.66	25.31	
280	20.46	22.02	
285	13.55	15.04	
290	7.49	9.24	
295	21.23	22.81	
300	44.20	46.66	
305	71.92	75.67	
310	102.46	107.69	
315	133.54	140.30	
320	162.54	170.74	
325	186.80	196.20	
330	203.95	214.20	
335	212.29	222.96	
340	211.11	221.72	
345	200.86	210.96	
350	183.11	192.33	
355	160.34	168.43	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission