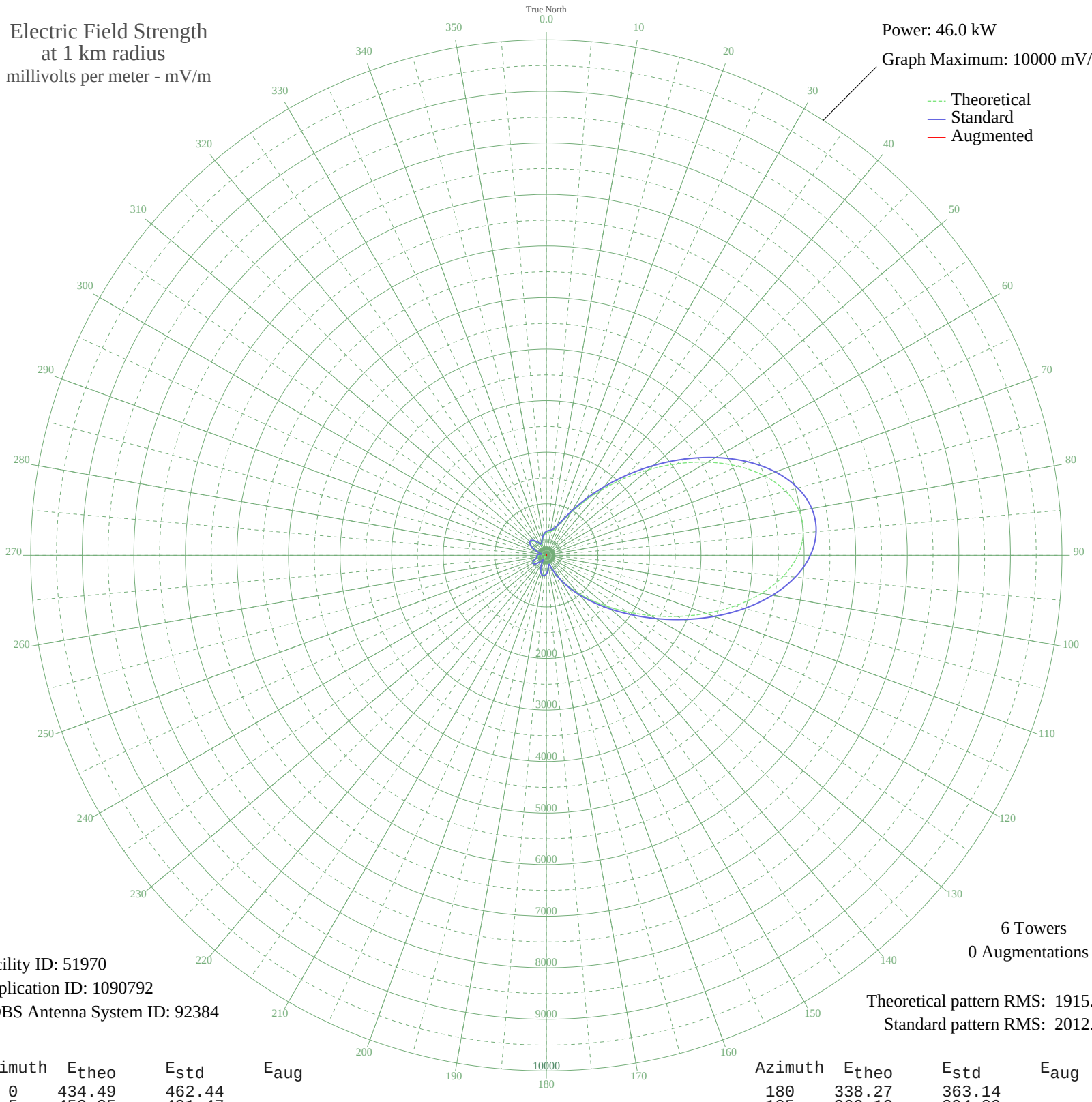
WFLF PINE HILLS, FL BP-20051101ABN 540 kHz

Nighttime

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



Power: 46.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

6 Towers
0 Augmentations

Facility ID: 51970
Application ID: 1090792
CDBS Antenna System ID: 92384

Theoretical pattern RMS: 1915.00
Standard pattern RMS: 2012.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	434.49	462.44	
5	452.85	481.47	
10	466.71	495.84	
15	497.34	527.65	
20	574.93	608.39	
25	724.46	764.44	
30	954.82	1005.41	
35	1263.70	1329.04	
40	1644.60	1728.49	
45	2087.82	2193.51	
50	2578.74	2708.74	
55	3096.20	3251.89	
60	3612.08	3793.44	
65	4092.71	4298.01	
70	4502.03	4727.74	
75	4806.08	5046.95	
80	4977.90	5227.35	
85	5001.87	5252.51	
90	4876.34	5120.72	
95	4614.11	4845.41	
100	4240.49	4453.16	
105	3789.43	3979.62	
110	3298.48	3464.23	
115	2803.48	2944.62	
120	2333.93	2451.79	
125	1909.66	2006.57	
130	1539.58	1618.33	
135	1222.67	1286.02	
140	951.34	1001.76	
145	716.05	755.64	
150	509.66	540.46	
155	331.22	355.91	
160	193.86	217.15	
165	148.83	173.61	
170	206.55	229.69	
175	281.33	304.92	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	338.27	363.14	
185	369.12	394.89	
190	372.11	397.96	
195	347.88	373.02	
200	298.58	322.50	
205	227.69	250.75	
210	140.51	165.78	
215	47.57	90.63	
220	65.25	102.04	
225	153.05	177.61	
230	224.21	247.26	
235	268.00	291.38	
240	279.45	303.01	
245	260.09	283.38	
250	219.70	242.76	
255	177.31	200.95	
260	155.78	180.20	
265	157.68	182.02	
270	158.42	182.73	
275	136.46	162.02	
280	87.20	118.75	
285	49.39	91.69	
290	120.10	147.04	
295	216.62	239.69	
300	302.63	326.64	
305	363.57	389.17	
310	391.48	417.96	
315	384.70	410.96	
320	347.92	373.07	
325	292.51	316.31	
330	238.40	261.49	
335	214.85	237.93	
340	239.43	262.53	
345	294.08	317.91	
350	353.03	378.32	
355	401.70	428.51	

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