

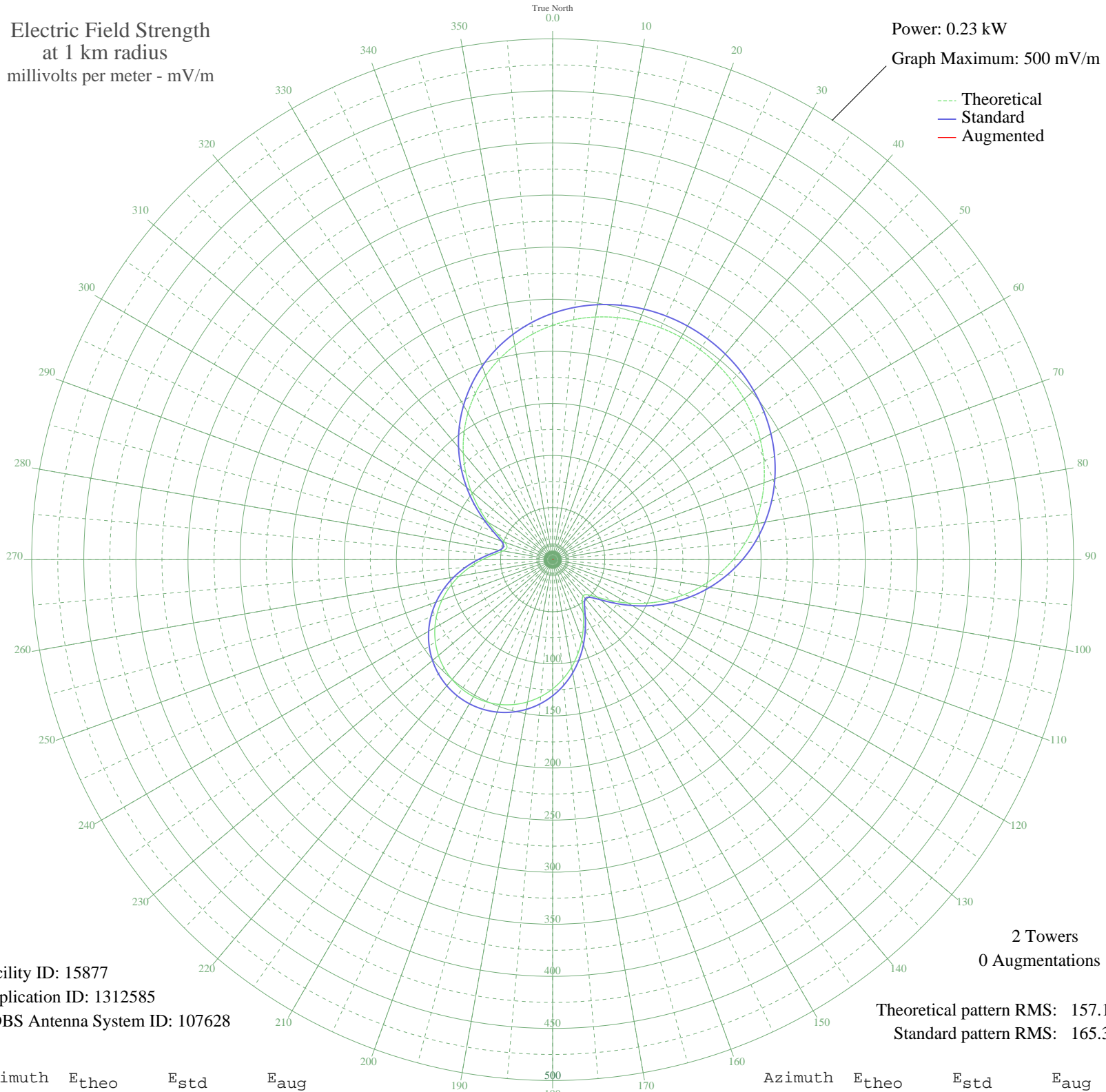
WAMT PINE CASTLE SKY LAKE, FL BL-20090505ACE 1190 kHz

Nighttime

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

Power: 0.23 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 15877
Application ID: 1312585
CDBS Antenna System ID: 107628

2 Towers
0 Augmentations

Theoretical pattern RMS: 157.13
Standard pattern RMS: 165.32

Azimuth	E _{theo}	E _{std}	E _{aug}
0	225.01	236.49	
5	231.33	243.12	
10	236.51	248.55	
15	240.58	252.82	
20	243.57	255.97	
25	245.52	258.01	
30	246.44	258.97	
35	246.34	258.87	
40	245.21	257.69	
45	243.06	255.43	
50	239.85	252.06	
55	235.56	247.56	
60	230.16	241.89	
65	223.61	235.02	
70	215.89	226.92	
75	206.98	217.58	
80	196.88	206.99	
85	185.61	195.17	
90	173.22	182.19	
95	159.79	168.11	
100	145.45	153.08	
105	130.35	137.26	
110	114.72	120.91	
115	98.89	104.36	
120	83.31	88.10	
125	68.69	72.88	
130	56.20	59.93	
135	47.73	51.20	
140	45.43	48.84	
145	49.74	53.27	
150	58.66	62.48	
155	69.84	74.08	
160	81.74	86.47	
165	93.52	98.75	
170	104.66	110.40	
175	114.90	121.10	

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 _{theo}	E _{std}	E _{aug}
180	124.05	130.67	
185	131.99	138.98	
190	138.64	145.95	
195	143.98	151.54	
200	147.96	155.71	
205	150.57	158.45	
210	151.81	159.75	
215	151.68	159.61	
220	150.16	158.02	
225	147.27	154.99	
230	143.02	150.54	
235	137.42	144.67	
240	130.50	137.43	
245	122.31	128.86	
250	112.94	119.05	
255	102.50	108.14	
260	91.20	96.33	
265	79.35	83.98	
270	67.51	71.66	
275	56.63	60.38	
280	48.42	51.92	
285	45.33	48.74	
290	48.99	52.50	
295	58.44	62.26	
300	71.49	75.79	
305	86.38	91.30	
310	102.05	107.67	
315	117.87	124.21	
320	133.42	140.48	
325	148.38	156.15	
330	162.56	171.01	
335	175.79	184.87	
340	187.96	197.63	
345	198.99	209.21	
350	208.85	219.55	
355	217.53	228.64	