

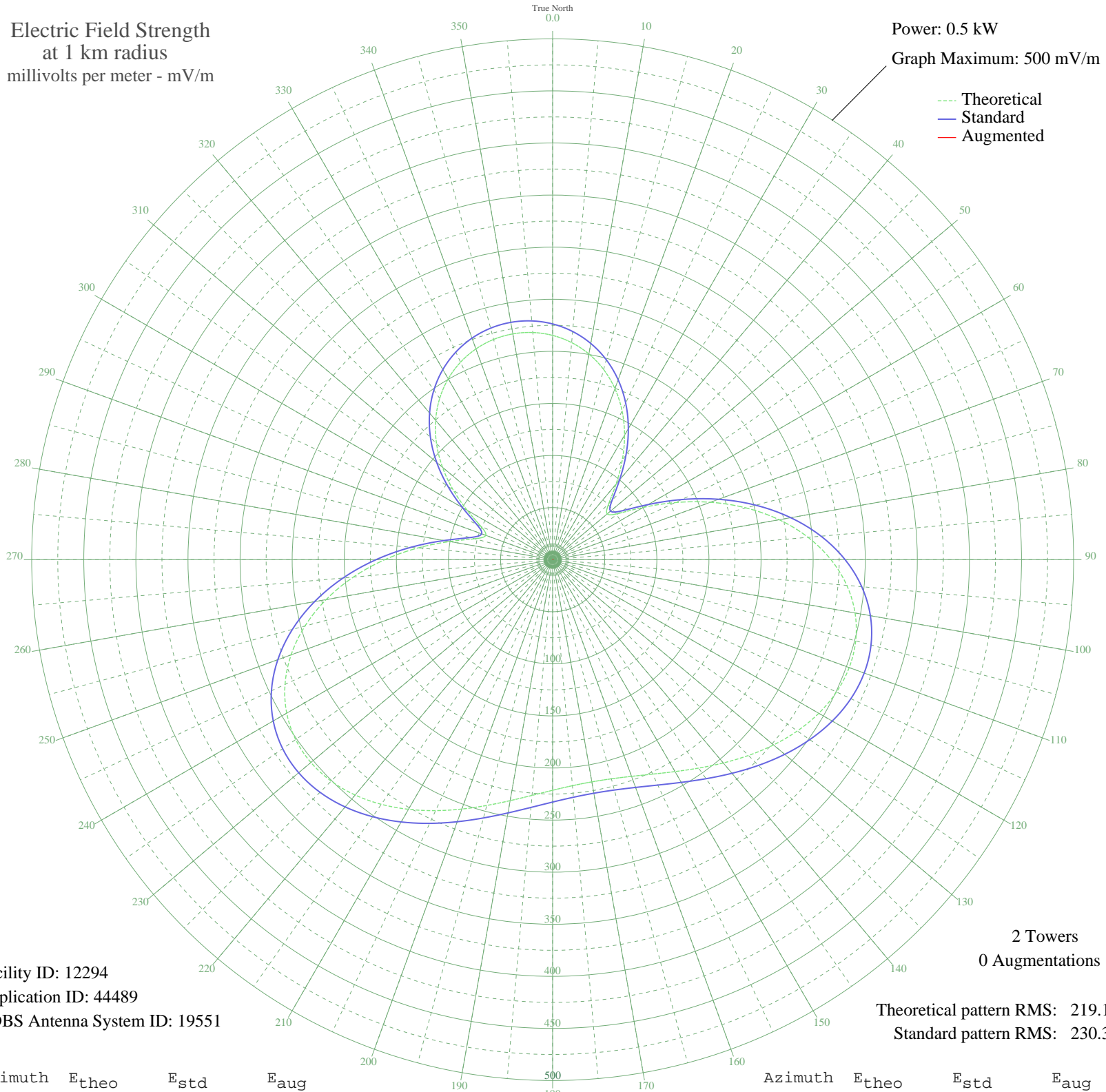
WDCF DADE CITY, FL BL-19820625AD 1350 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 12294
Application ID: 44489
CDBS Antenna System ID: 19551

2 Towers
0 Augmentations

Theoretical pattern RMS: 219.19
Standard pattern RMS: 230.39

Azimuth	E _{theo}	E _{std}	E _{aug}
0	215.28	226.29	
5	209.18	219.89	
10	200.47	210.75	
15	189.01	198.74	
20	174.74	183.77	
25	157.66	165.87	
30	138.01	145.29	
35	116.47	122.74	
40	94.63	99.91	
45	76.17	80.66	
50	68.30	72.48	
55	77.44	81.99	
60	100.25	105.78	
65	129.65	136.54	
70	161.11	169.50	
75	192.05	201.93	
80	220.77	232.05	
85	246.08	258.60	
90	267.15	280.70	
95	283.44	297.79	
100	294.74	309.65	
105	301.11	316.34	
110	302.89	318.21	
115	300.60	315.81	
120	294.94	309.87	
125	286.70	301.22	
130	276.72	290.74	
135	265.81	279.30	
140	254.77	267.71	
145	244.27	256.70	
150	234.91	246.88	
155	227.16	238.75	
160	221.37	232.68	
165	217.81	228.94	
170	216.60	227.68	
175	217.81	228.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	221.37	232.68	
185	227.16	238.75	
190	234.91	246.88	
195	244.27	256.70	
200	254.77	267.71	
205	265.81	279.30	
210	276.72	290.74	
215	286.70	301.22	
220	294.94	309.87	
225	300.60	315.81	
230	302.89	318.21	
235	301.11	316.34	
240	294.74	309.65	
245	283.44	297.79	
250	267.15	280.70	
255	246.08	258.60	
260	220.77	232.05	
265	192.05	201.93	
270	161.12	169.50	
275	129.65	136.54	
280	100.25	105.78	
285	77.44	81.99	
290	68.30	72.48	
295	76.17	80.66	
300	94.63	99.91	
305	116.47	122.74	
310	138.01	145.29	
315	157.66	165.87	
320	174.74	183.77	
325	189.01	198.74	
330	200.47	210.75	
335	209.18	219.89	
340	215.28	226.29	
345	218.89	230.08	
350	220.08	231.33	
355	218.89	230.08	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission