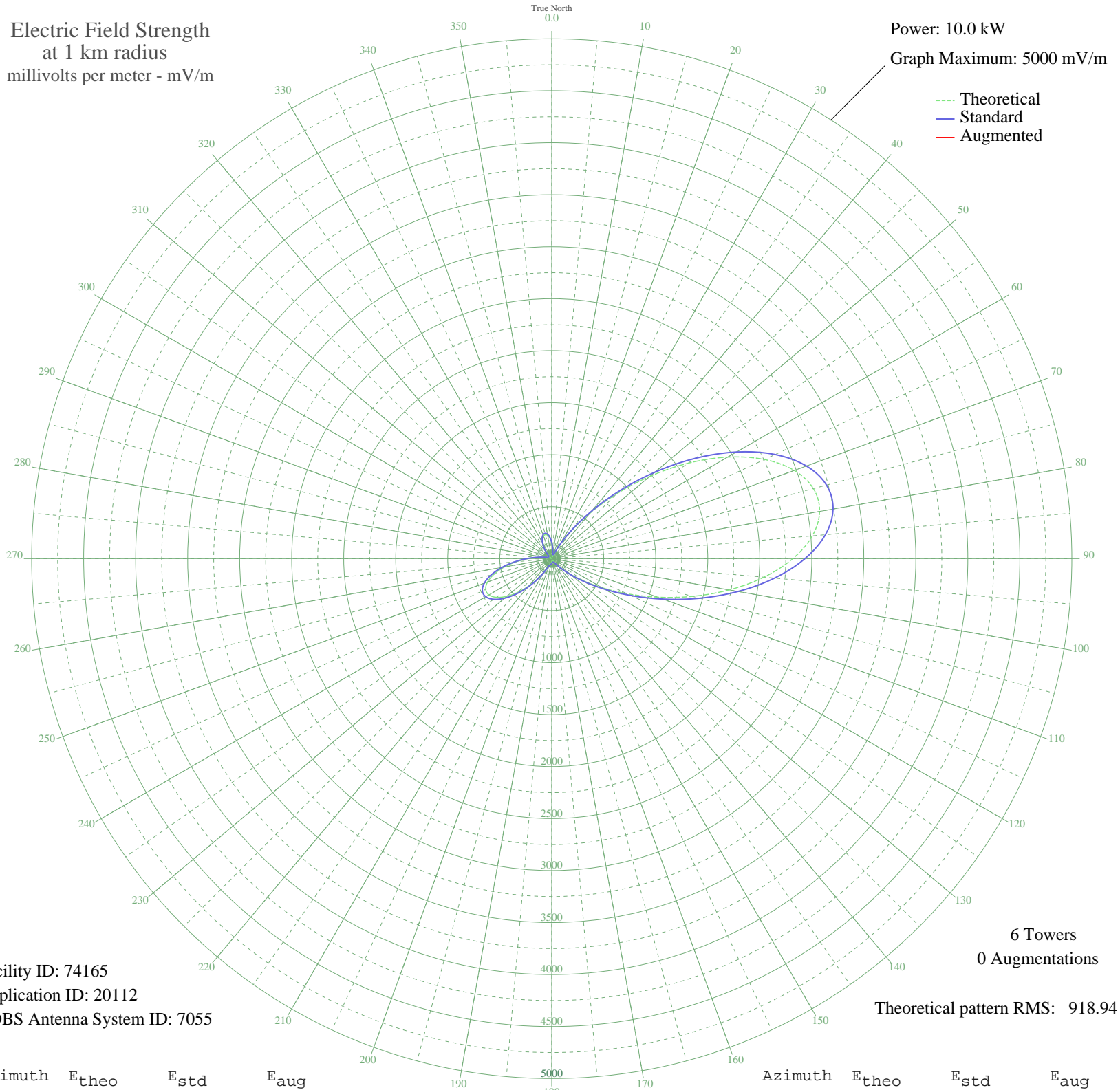


# WMCU CORAL GABLES, FL BL-19800513AA 1080 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 74165  
Application ID: 20112  
CDBS Antenna System ID: 7055

6 Towers  
0 Augmentations

Theoretical pattern RMS: 918.94

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	145.10	155.93	
5	87.83	98.01	
10	35.26	49.73	
15	17.99	38.20	
20	20.23	39.42	
25	37.95	51.87	
30	142.54	153.30	
35	320.04	337.68	
40	568.51	597.86	
45	878.57	923.09	
50	1231.50	1293.50	
55	1600.50	1680.85	
60	1953.44	2051.38	
65	2257.01	2370.10	
70	2481.34	2605.62	
75	2604.35	2734.77	
80	2615.06	2746.01	
85	2515.10	2641.06	
90	2318.15	2434.29	
95	2047.47	2150.10	
100	1731.95	1818.85	
105	1401.63	1472.08	
110	1083.48	1138.14	
115	798.33	838.91	
120	559.16	588.06	
125	371.09	391.06	
130	232.53	246.40	
135	137.20	147.83	
140	76.36	86.78	
145	40.87	54.26	
150	22.59	40.81	
155	14.76	36.64	
160	11.99	35.51	
165	11.67	35.39	
170	14.05	36.33	
175	19.75	39.15	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	28.10	44.42	
185	37.33	51.37	
190	45.12	57.85	
195	50.53	62.59	
200	59.52	70.77	
205	88.27	98.45	
210	147.07	157.95	
215	233.60	247.52	
220	340.12	358.66	
225	454.92	478.82	
230	563.07	592.15	
235	648.53	681.76	
240	697.27	732.89	
245	700.45	736.23	
250	656.67	690.30	
255	572.56	602.11	
260	461.49	485.70	
265	340.55	359.12	
270	226.83	240.47	
275	133.81	144.37	
280	68.96	79.66	
285	32.37	47.52	
290	15.35	36.91	
295	5.49	33.70	
300	4.01	33.47	
305	4.73	33.57	
310	11.97	35.50	
315	37.16	51.24	
320	74.67	85.14	
325	119.44	129.74	
330	164.99	176.40	
335	204.23	217.00	
340	230.59	244.38	
345	238.98	253.11	
350	226.68	240.32	
355	194.05	206.44	

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