

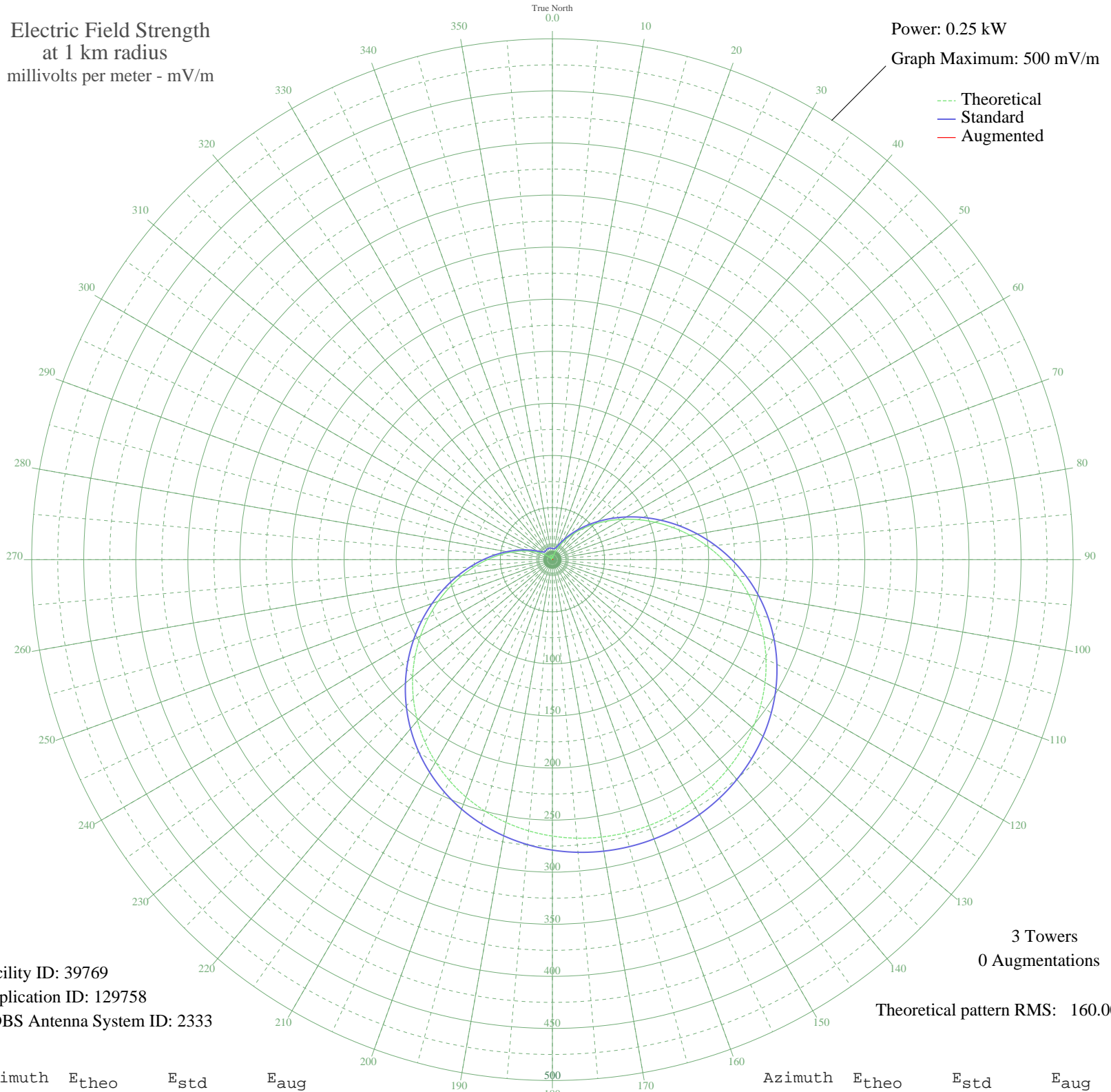
WRZN HERNANDO, FL BL-19890606AK 720 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 39769
Application ID: 129758
CDBS Antenna System ID: 2333

3 Towers
0 Augmentations

Theoretical pattern RMS: 160.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2.19	10.75	
5	0.57	10.52	
10	1.65	10.64	
15	4.58	11.55	
20	8.32	13.66	
25	13.00	17.22	
30	18.72	22.29	
35	25.57	28.83	
40	33.60	36.81	
45	42.84	46.19	
50	53.26	56.90	
55	64.81	68.86	
60	77.38	81.92	
65	90.81	95.93	
70	104.93	110.68	
75	119.53	125.94	
80	134.36	141.47	
85	149.19	157.00	
90	163.79	172.30	
95	177.92	187.11	
100	191.39	201.23	
105	204.02	214.48	
110	215.70	226.72	
115	226.30	237.85	
120	235.78	247.79	
125	244.10	256.53	
130	251.27	264.04	
135	257.29	270.36	
140	262.20	275.51	
145	266.05	279.55	
150	268.86	282.50	
155	270.69	284.42	
160	271.55	285.32	
165	271.45	285.22	
170	270.40	284.12	
175	268.38	282.00	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	265.36	278.83	
185	261.31	274.57	
190	256.17	269.19	
195	249.93	262.63	
200	242.53	254.88	
205	233.98	245.90	
210	224.27	235.72	
215	213.44	224.36	
220	201.57	211.91	
225	188.75	198.47	
230	175.14	184.19	
235	160.90	169.27	
240	146.24	153.91	
245	131.39	138.36	
250	116.58	122.86	
255	102.07	107.68	
260	88.06	93.06	
265	74.79	79.23	
270	62.41	66.37	
275	51.09	54.66	
280	40.90	44.21	
285	31.90	35.10	
290	24.11	27.41	
295	17.49	21.16	
300	11.99	16.39	
305	7.50	13.13	
310	3.93	11.28	
315	1.16	10.57	
320	0.94	10.55	
325	2.46	10.81	
330	3.50	11.12	
335	4.14	11.37	
340	4.43	11.49	
345	4.40	11.47	
350	4.04	11.33	
355	3.33	11.07	