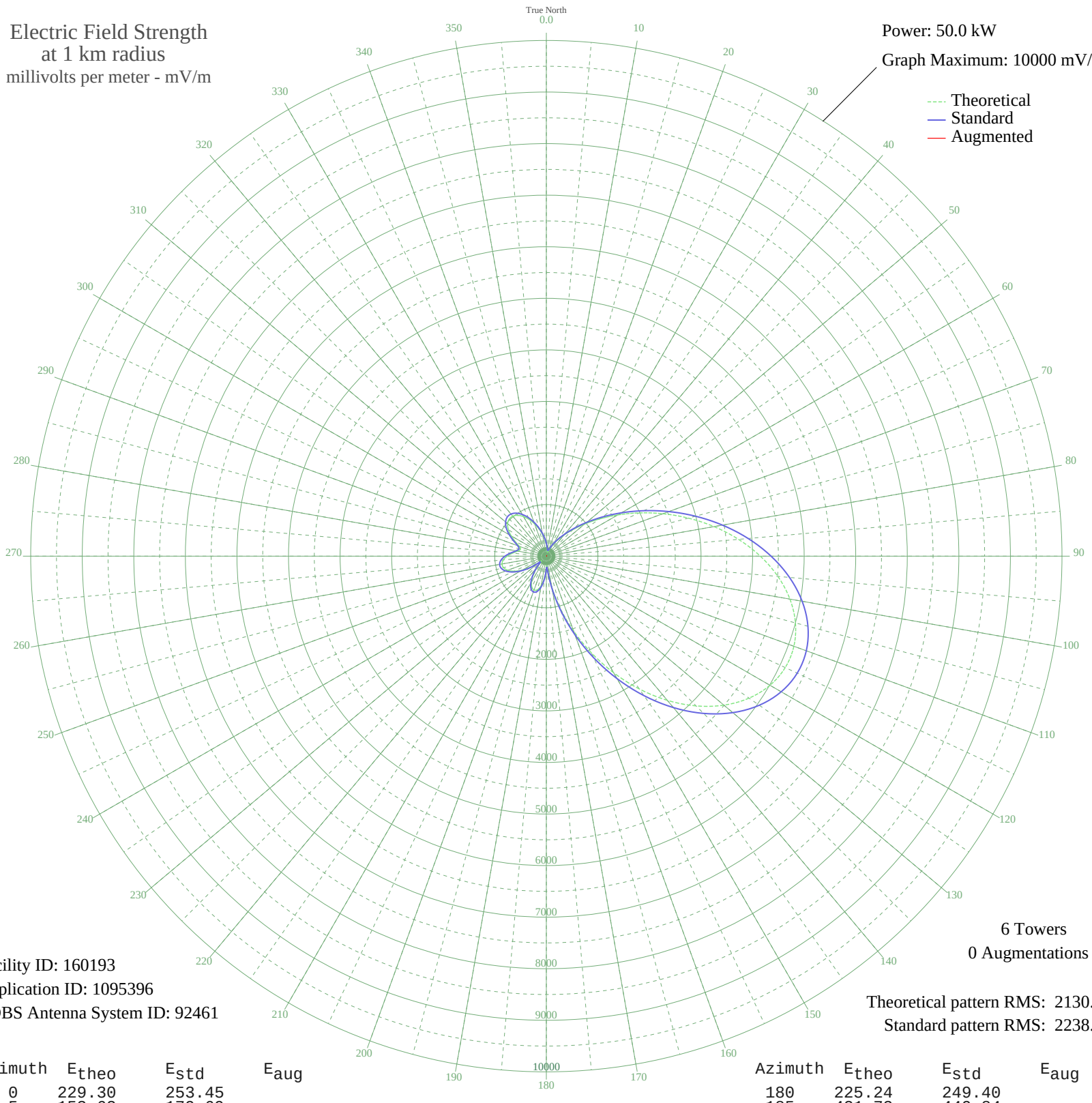
WJFA HILLIARD, FL BNP-20050118ABJ 830 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

6 Towers
0 Augmentations

Facility ID: 160193
Application ID: 1095396
CDBS Antenna System ID: 92461

Theoretical pattern RMS: 2130.00
Standard pattern RMS: 2238.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	229.30	253.45	
5	153.62	179.69	
10	94.49	126.93	
15	70.27	108.22	
20	105.26	135.95	
25	173.82	198.95	
30	264.46	288.75	
35	381.30	408.12	
40	532.22	564.41	
45	725.11	765.47	
50	965.91	1017.29	
55	1257.44	1322.69	
60	1598.71	1680.52	
65	1984.67	2085.41	
70	2406.23	2527.78	
75	2850.59	2994.16	
80	3301.75	3467.74	
85	3741.43	3929.29	
90	4150.05	4358.27	
95	4508.05	4734.11	
100	4797.10	5037.58	
105	5001.45	5252.12	
110	5108.97	5365.01	
115	5112.05	5368.23	
120	5008.12	5259.12	
125	4799.89	5040.51	
130	4495.15	4720.57	
135	4106.28	4312.32	
140	3649.49	3832.78	
145	3143.80	3301.94	
150	2609.93	2741.57	
155	2069.13	2174.03	
160	1542.21	1621.26	
165	1048.98	1104.27	
170	609.72	645.08	
175	263.71	287.99	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	225.24	249.40	
185	421.73	449.84	
190	581.49	615.68	
195	674.24	712.36	
200	699.34	738.57	
205	662.18	699.78	
210	571.19	604.96	
215	437.49	466.14	
220	277.00	301.43	
225	135.36	162.69	
230	192.85	217.42	
235	366.75	393.15	
240	539.61	572.10	
245	687.10	725.78	
250	796.62	840.19	
255	859.98	906.44	
260	873.16	920.23	
265	837.27	882.70	
270	759.99	801.91	
275	658.17	695.60	
280	562.40	595.81	
285	517.86	549.48	
290	556.91	590.09	
295	660.96	698.51	
300	786.15	829.25	
305	898.85	947.11	
310	979.45	1031.46	
315	1018.29	1072.13	
320	1012.92	1066.51	
325	966.39	1017.79	
330	885.78	933.44	
335	780.83	823.68	
340	662.31	699.92	
345	540.62	573.14	
350	424.43	452.63	
355	319.71	344.91	

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