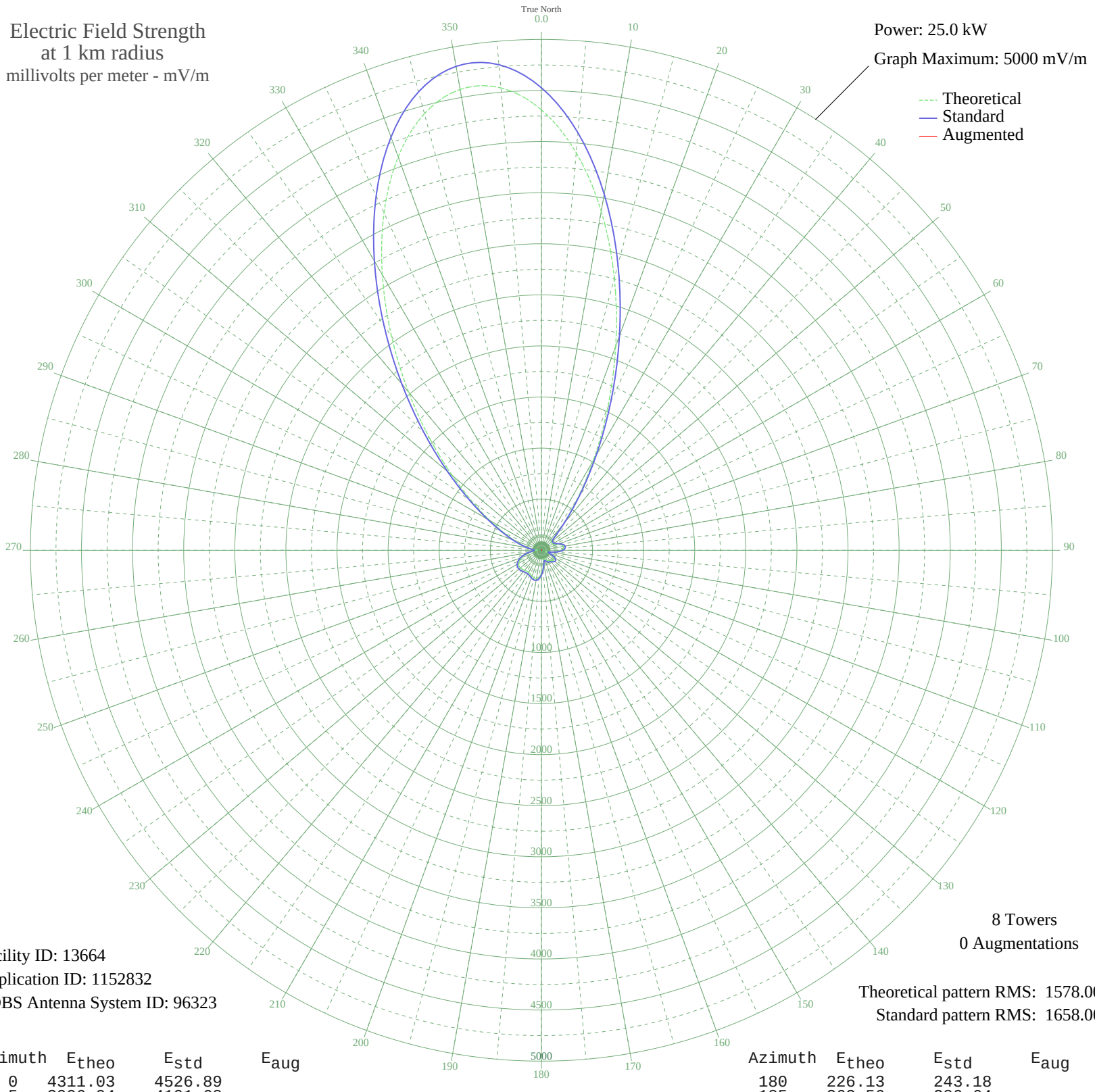
WFDF FARMINGTON HILLS, MI BP-20060309ACY 910 kHz

Nighttime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

8 Towers
0 Augmentations

Facility ID: 13664
Application ID: 1152832
CDBS Antenna System ID: 96323

Theoretical pattern RMS: 1578.00
Standard pattern RMS: 1658.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4311.03	4526.89	
5	3906.04	4101.68	
10	3369.56	3538.43	
15	2756.33	2894.62	
20	2125.35	2232.23	
25	1531.10	1608.51	
30	1016.60	1068.72	
35	609.77	642.41	
40	324.24	344.47	
45	166.03	182.06	
50	122.55	138.98	
55	120.79	137.27	
60	122.64	139.06	
65	139.10	155.20	
70	170.69	186.76	
75	201.90	218.40	
80	219.33	236.20	
85	216.25	233.06	
90	191.44	207.76	
95	147.85	163.88	
100	92.17	110.10	
105	40.85	67.79	
110	55.70	78.59	
115	102.46	119.71	
120	137.86	153.98	
125	155.15	171.16	
130	154.95	170.96	
135	143.31	159.37	
140	129.85	146.11	
145	121.72	138.16	
150	116.48	133.10	
155	106.18	123.23	
160	90.32	108.40	
165	88.42	106.66	
170	121.93	138.37	
175	175.11	191.22	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	226.13	243.18	
185	262.56	280.64	
190	279.72	298.36	
195	279.52	298.15	
200	268.75	287.03	
205	256.15	274.03	
210	248.73	266.39	
215	249.05	266.72	
220	255.26	273.12	
225	263.22	281.32	
230	268.45	286.72	
235	267.05	285.28	
240	256.15	274.03	
245	234.36	251.61	
250	201.97	218.47	
255	160.88	176.90	
260	114.24	130.94	
265	67.05	87.83	
270	37.70	65.75	
275	66.66	87.49	
280	121.38	137.84	
285	189.81	206.10	
290	279.47	298.11	
295	403.68	427.11	
300	578.57	609.76	
305	820.02	862.62	
310	1140.08	1198.24	
315	1543.11	1621.11	
320	2022.23	2123.99	
325	2556.97	2685.33	
330	3112.89	3268.95	
335	3643.96	3826.52	
340	4097.88	4303.09	
345	4423.60	4645.08	
350	4579.89	4809.17	
355	4542.88	4770.31	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission