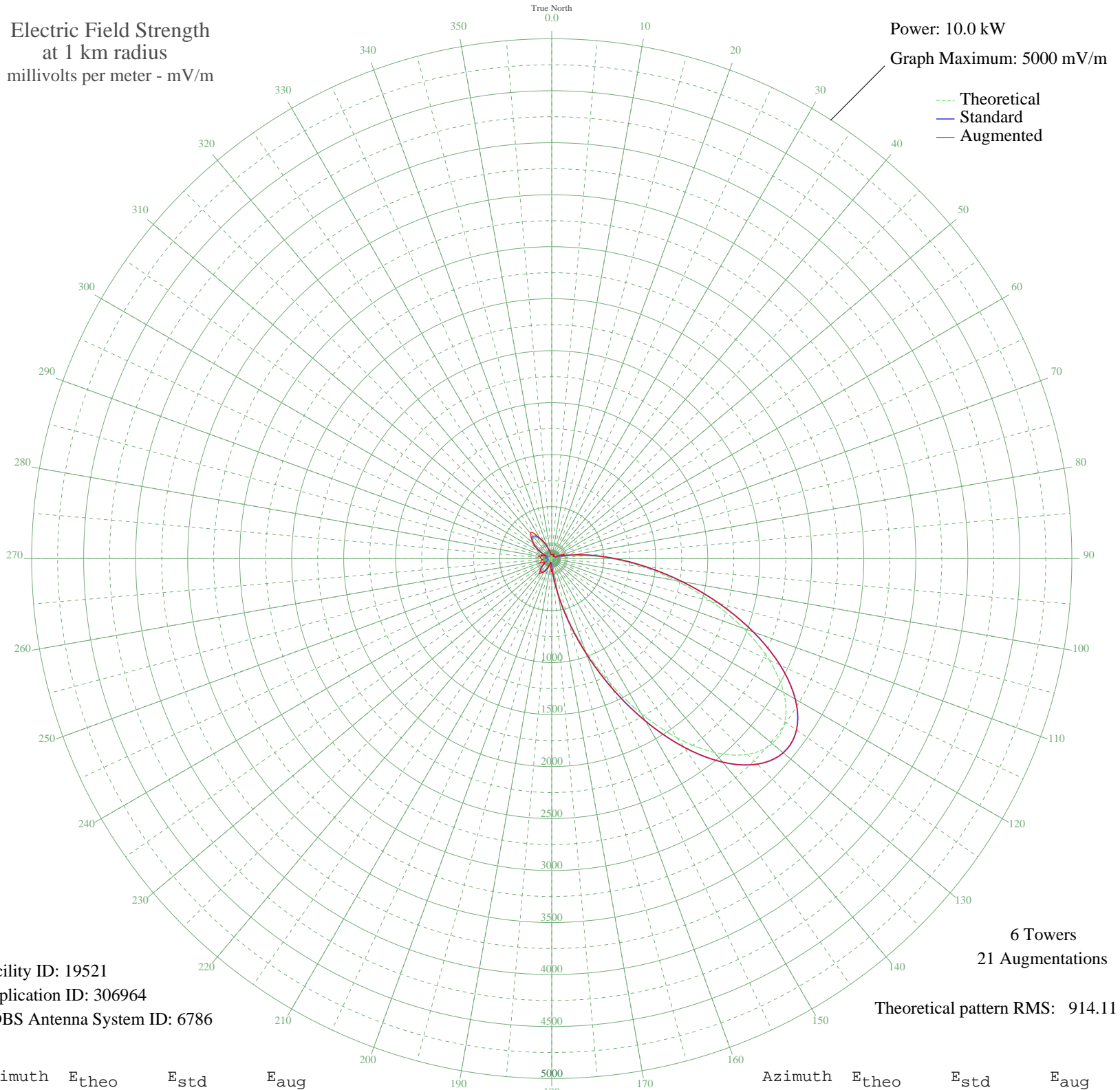


# WFNI INDIANAPOLIS, IN BL-- 1070 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 19521  
Application ID: 306964  
CDBS Antenna System ID: 6786

6 Towers  
21 Augmentations  
Theoretical pattern RMS: 914.11

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	17.88	39.68	44.96
5	17.91	39.69	44.61
10	12.02	37.16	39.17
15	4.32	35.25	44.26
20	2.12	35.03	36.21
25	5.78	35.48	51.14
30	6.64	35.64	31.70
35	5.86	35.49	25.70
40	5.13	35.37	25.70
45	5.98	35.52	28.15
50	8.88	36.18	31.00
55	12.48	37.33	28.84
60	12.90	37.49	31.91
65	3.33	35.13	36.84
70	25.97	44.33	130.28
75	87.05	97.86	99.30
80	192.81	205.45	205.63
85	354.78	374.15	374.15
90	580.21	610.22	610.22
95	869.10	913.22	913.22
100	1211.62	1272.68	1272.68
105	1587.01	1666.73	1666.73
110	1964.53	2063.05	2063.05
115	2306.73	2422.32	2422.32
120	2574.87	2703.84	2703.84
125	2735.45	2872.44	2872.44
130	2766.46	2904.99	2904.99
135	2661.79	2795.10	2795.10
140	2432.76	2554.64	2554.64
145	2106.14	2211.72	2211.72
150	1719.37	1805.68	1805.68
155	1313.99	1380.13	1380.13
160	928.90	975.97	975.97
165	594.89	625.62	625.62
170	331.38	349.71	349.71
175	145.64	156.87	157.91

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.

02 Feb 2010

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	34.19	50.11	113.57
185	14.34	38.06	86.24
190	15.88	38.73	40.65
195	12.38	37.30	37.30
200	54.45	67.01	67.01
205	97.21	107.89	107.89
210	131.24	142.16	142.16
215	150.94	162.29	162.29
220	154.23	165.68	193.12
225	142.04	153.19	153.19
230	117.60	128.33	128.33
235	85.76	96.59	96.59
240	52.23	65.03	82.72
245	22.74	42.33	76.18
250	2.16	35.03	125.05
255	6.44	35.60	106.09
260	2.53	35.06	98.67
265	11.42	36.95	96.35
270	30.07	47.10	102.40
275	46.06	59.67	103.86
280	51.52	64.41	127.62
285	40.04	54.68	101.66
290	8.60	36.10	107.55
295	41.16	55.58	55.58
300	102.79	113.45	113.45
305	166.22	177.99	177.99
310	220.08	233.71	233.71
315	254.51	269.51	271.48
320	263.60	278.98	318.89
325	246.74	261.43	296.09
330	208.52	221.72	221.72
335	157.23	168.75	168.75
340	102.61	113.27	113.27
345	53.45	66.12	66.12
350	15.83	38.71	38.80
355	7.69	35.88	38.67