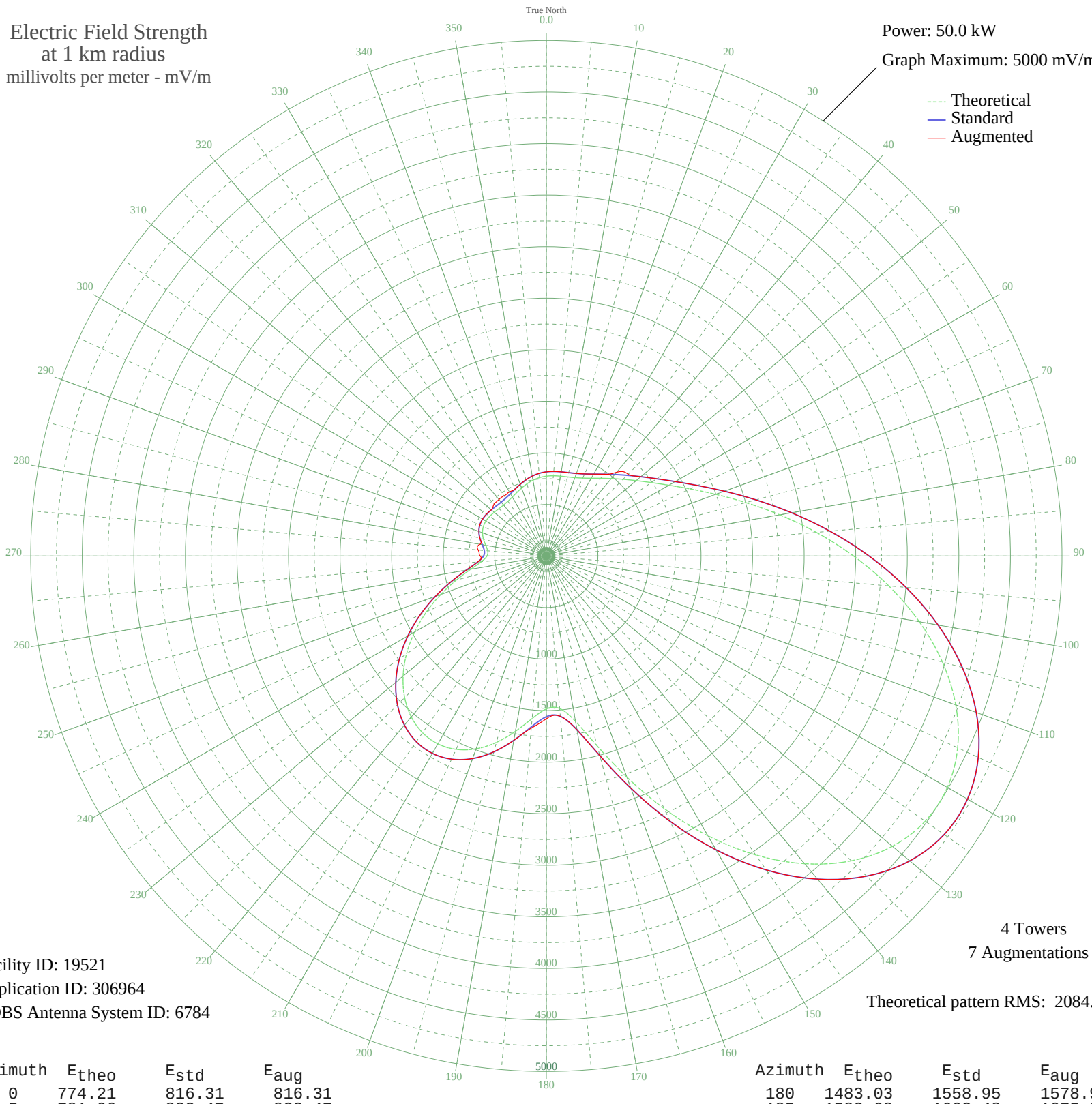
WFNI INDIANAPOLIS, IN BL-- 1070 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
7 Augmentations

Facility ID: 19521
Application ID: 306964
CDBS Antenna System ID: 6784

Theoretical pattern RMS: 2084.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	774.21	816.31	816.31
5	781.06	823.47	823.47
10	786.29	828.94	828.94
15	794.02	837.02	837.02
20	808.66	852.33	852.33
25	833.66	878.49	878.49
30	870.73	917.28	917.28
35	919.80	968.64	968.64
40	980.12	1031.80	1061.01
45	1051.77	1106.85	1121.34
50	1137.09	1196.25	1196.25
55	1241.38	1305.56	1305.56
60	1372.49	1443.03	1443.03
65	1539.09	1617.74	1617.74
70	1748.03	1836.93	1836.93
75	2002.00	2103.41	2103.41
80	2298.19	2414.25	2414.25
85	2628.26	2760.67	2760.67
90	2979.01	3128.84	3128.84
95	3333.59	3501.06	3501.06
100	3672.75	3857.11	3857.11
105	3976.34	4175.82	4175.82
110	4224.80	4436.66	4436.66
115	4400.72	4621.35	4621.35
120	4490.34	4715.44	4715.44
125	4484.74	4709.56	4709.56
130	4380.74	4600.38	4600.38
135	4181.36	4391.06	4391.06
140	3895.87	4091.34	4091.34
145	3539.53	3717.24	3717.24
150	3133.19	3290.69	3290.69
155	2703.18	2839.31	2839.31
160	2281.74	2396.98	2396.98
165	1908.36	2005.16	2005.16
170	1629.18	1712.25	1712.25
175	1485.13	1561.16	1561.16
180	1483.03	1558.95	1578.90
185	1582.68	1663.48	1675.97
190	1726.92	1814.79	1814.79
195	1871.45	1966.42	1966.42
200	1990.02	2090.84	2090.84
205	2069.30	2174.03	2174.03
210	2103.78	2210.22	2210.22
215	2092.61	2198.50	2198.50
220	2037.75	2140.92	2140.92
225	1942.95	2041.45	2041.45
230	1813.26	1905.37	1905.37
235	1654.84	1739.16	1739.16
240	1475.01	1550.54	1550.54
245	1282.49	1348.66	1348.66
250	1087.77	1144.57	1144.57
255	903.72	951.80	951.80
260	746.10	786.91	786.91
265	632.49	668.25	668.25
270	575.42	608.74	641.92
275	570.60	603.71	663.37
280	596.84	631.06	653.13
285	631.15	666.86	666.86
290	658.90	695.82	695.82
295	674.11	711.70	711.70
300	676.73	714.44	714.44
305	670.22	707.64	707.64
310	659.58	696.52	696.52
315	649.93	686.46	715.53
320	645.46	681.79	715.19
325	648.65	685.12	712.60
330	660.08	697.05	717.55
335	678.46	716.24	716.24
340	701.15	739.94	739.94
345	724.80	764.65	764.65
350	746.17	786.99	786.99
355	762.92	804.50	804.50

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission