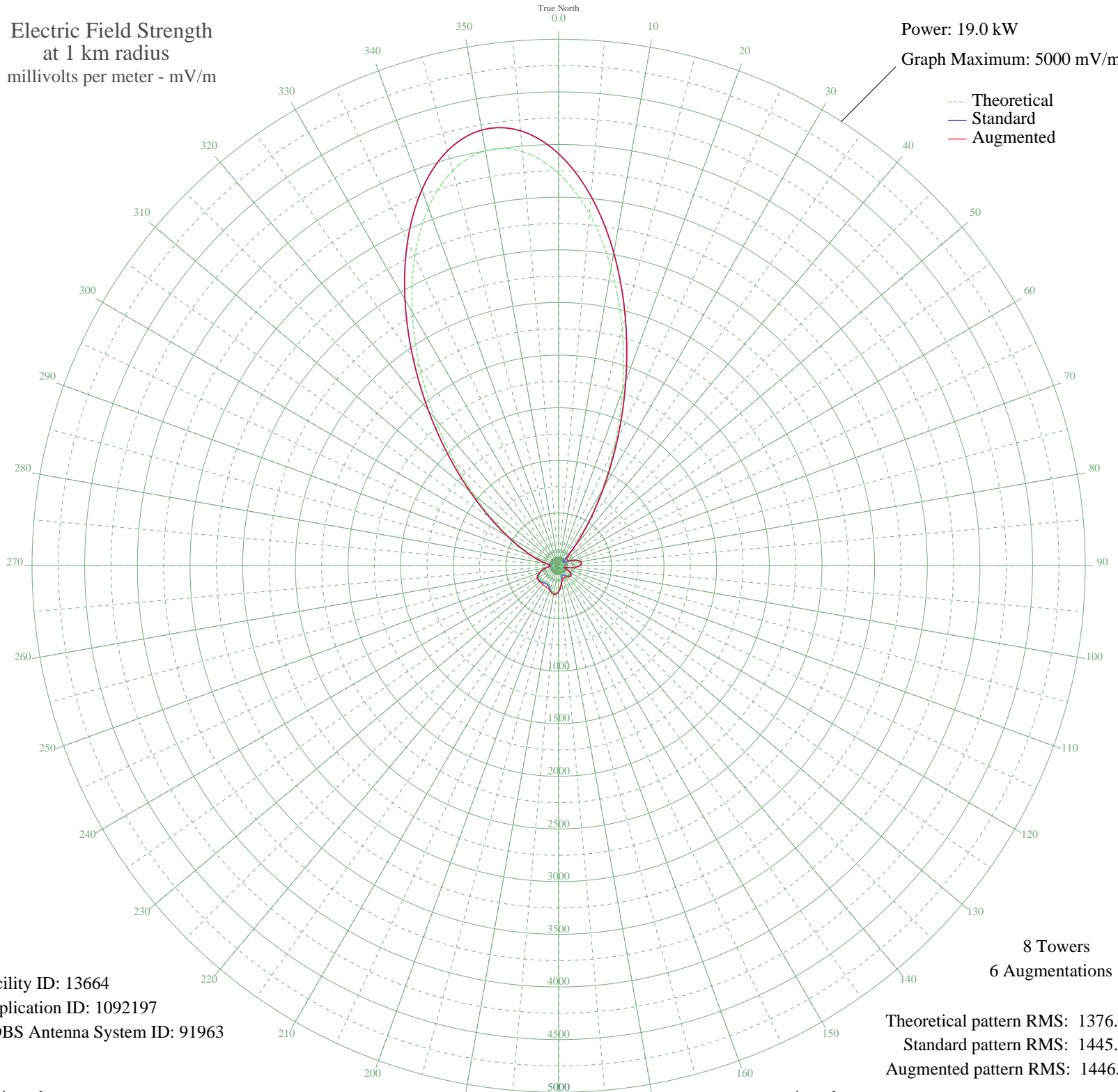


WFDF FARMINGTON HILLS, MI BL-20051005ADP 910 kHz

Nighttime

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

Power: 19.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 13664  
Application ID: 1092197  
CDBS Antenna System ID: 91963

Theoretical pattern RMS: 1376.00  
Standard pattern RMS: 1445.53  
Augmented pattern RMS: 1446.25

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3725.97	3912.54	3912.54
5	3354.70	3522.73	3522.73
10	2872.35	3016.32	3016.32
15	2327.65	2444.47	2444.47
20	1772.46	1861.65	1861.72
25	1253.99	1317.49	1317.98
30	808.68	850.34	852.05
35	458.68	483.79	488.60
40	211.41	226.65	240.00
45	62.50	80.00	116.63
50	24.57	52.54	100.66
55	36.35	59.60	101.27
60	45.78	66.38	98.76
65	84.97	100.28	116.93
70	134.27	148.23	154.52
75	175.69	190.07	191.66
80	199.94	214.86	214.90
85	202.92	217.93	217.93
90	184.44	198.99	198.99
95	147.27	161.27	161.27
100	96.48	111.17	111.90
105	38.66	61.17	65.71
110	19.24	50.03	56.40
115	69.64	86.27	88.15
120	107.30	121.60	121.65
125	128.94	142.91	142.91
130	134.69	148.65	148.65
135	128.24	142.22	142.22
140	115.69	129.81	130.47
145	102.59	117.04	124.96
150	90.76	105.72	125.59
155	80.66	96.27	126.12
160	80.40	96.03	126.77
165	103.34	117.76	137.74
170	145.66	159.65	167.07
175	192.40	207.14	208.06

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	230.84	246.67	246.67
185	253.01	269.58	269.58
190	256.48	273.17	273.17
195	244.32	260.59	261.80
200	223.94	239.55	247.88
205	204.47	219.52	238.58
210	193.11	207.87	235.30
215	191.92	206.65	234.97
220	198.11	212.99	234.43
225	207.12	222.24	233.86
230	214.75	230.09	235.62
235	217.56	232.98	238.98
240	212.91	228.19	236.13
245	199.25	214.16	222.37
250	176.47	190.86	197.50
255	145.88	159.87	163.57
260	109.99	124.22	124.97
265	72.84	89.13	92.38
270	45.58	66.22	80.16
275	57.62	75.86	85.58
280	102.86	117.30	117.80
285	166.49	180.71	180.71
290	252.55	269.09	269.09
295	371.35	392.60	392.60
300	535.63	564.27	564.27
305	757.89	797.10	797.10
310	1047.46	1100.79	1100.79
315	1407.12	1478.18	1478.18
320	1829.98	1922.02	1922.02
325	2297.41	2412.72	2412.72
330	2778.82	2918.12	2918.12
335	3233.82	3395.82	3395.82
340	3616.97	3798.09	3798.09
345	3884.42	4078.89	4078.89
350	4001.32	4201.64	4201.64
355	3948.38	4146.06	4146.06