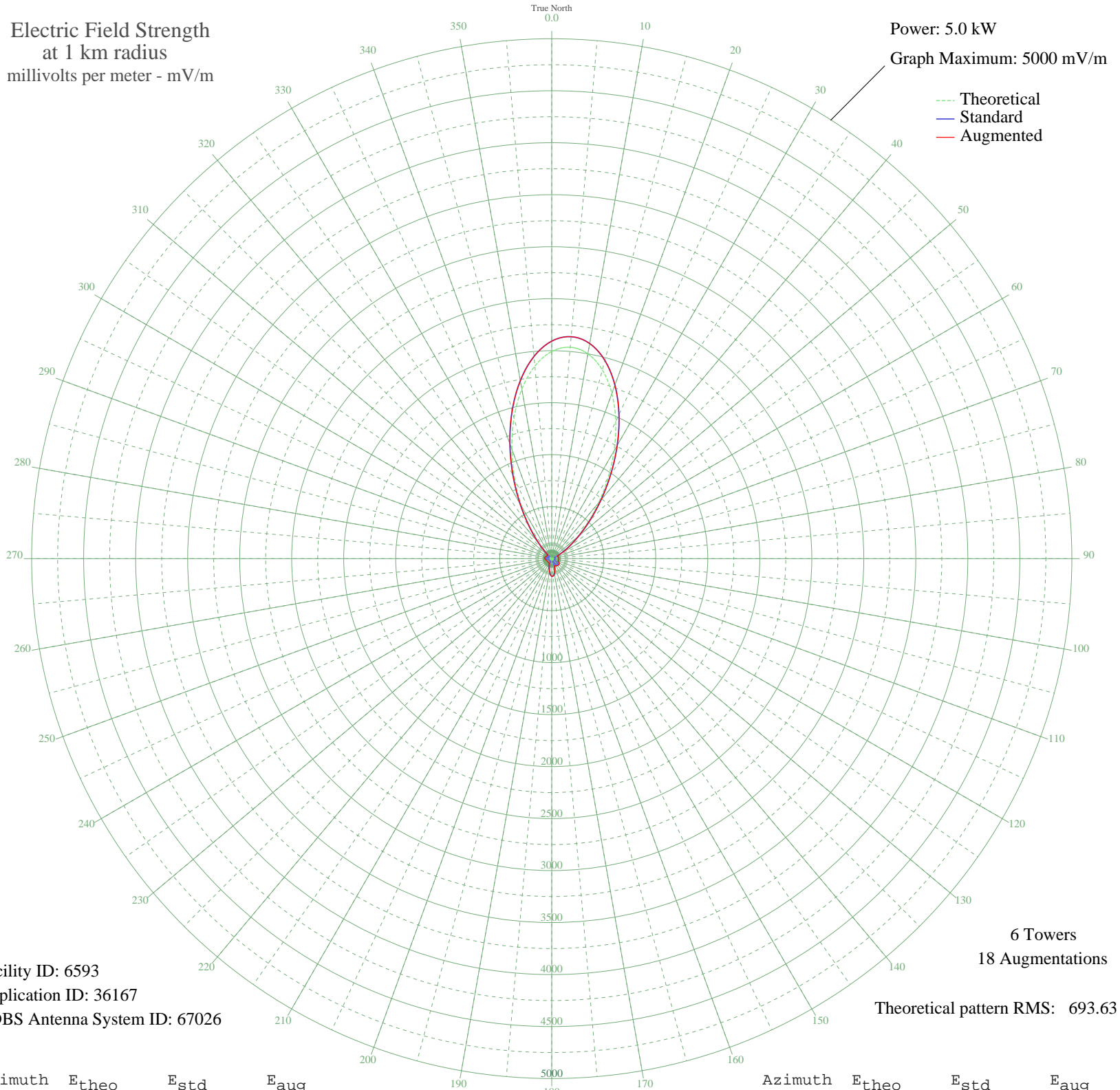


WDTW DEARBORN, MI BL-1981124AV 1310 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 6593
Application ID: 36167
CDBS Antenna System ID: 67026

6 Towers
18 Augmentations
Theoretical pattern RMS: 693.63

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1992.24	2091.98	2091.98
5	2040.48	2142.64	2142.64
10	2000.75	2100.92	2100.92
15	1879.28	1973.39	1973.39
20	1690.87	1775.57	1775.57
25	1456.22	1529.21	1529.21
30	1198.59	1258.74	1258.74
35	940.42	987.72	987.72
40	700.47	735.87	735.87
45	492.03	517.16	517.16
50	322.31	339.24	339.24
55	192.84	203.84	203.84
60	100.66	108.26	124.39
65	39.88	48.00	61.51
70	3.28	23.73	64.37
75	16.31	29.06	61.81
80	25.07	35.27	66.93
85	27.55	37.26	66.08
90	26.60	36.49	66.05
95	23.45	34.02	67.13
100	18.11	30.21	66.65
105	9.95	25.70	65.15
110	1.68	23.54	64.47
115	16.89	29.42	71.88
120	34.75	43.39	83.86
125	53.08	60.48	89.69
130	68.53	75.69	89.29
135	77.09	84.28	89.30
140	74.94	82.12	87.49
145	59.50	66.74	85.05
150	30.41	39.63	78.20
155	9.87	25.67	73.20
160	56.11	63.42	89.20
165	101.12	108.74	117.80
170	137.23	146.00	147.15
175	158.11	167.67	167.67

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	160.29	169.94	169.94
185	144.10	153.11	153.16
190	113.56	121.52	127.42
195	75.36	82.54	102.88
200	37.16	45.53	81.74
205	5.68	24.23	62.65
210	14.68	28.09	48.38
215	22.65	33.42	48.79
220	19.91	31.44	49.38
225	10.31	25.85	47.39
230	1.39	23.52	46.82
235	10.67	26.02	48.28
240	14.31	27.87	48.50
245	10.85	26.10	50.33
250	0.75	23.49	52.32
255	13.92	27.66	54.52
260	29.97	39.26	58.51
265	43.74	51.58	62.90
270	51.76	59.20	67.35
275	51.41	58.86	69.25
280	41.50	49.49	68.84
285	22.82	33.55	61.54
290	1.46	23.53	57.60
295	25.62	35.70	57.21
300	41.44	49.44	55.55
305	38.76	46.99	51.36
310	6.52	24.46	56.49
315	65.78	72.95	72.95
320	186.12	196.83	196.83
325	357.98	376.61	376.61
330	578.65	608.04	608.04
335	838.22	880.44	880.44
340	1119.73	1175.95	1175.95
345	1400.65	1470.87	1470.87
350	1655.55	1738.49	1738.49
355	1859.58	1952.70	1952.70