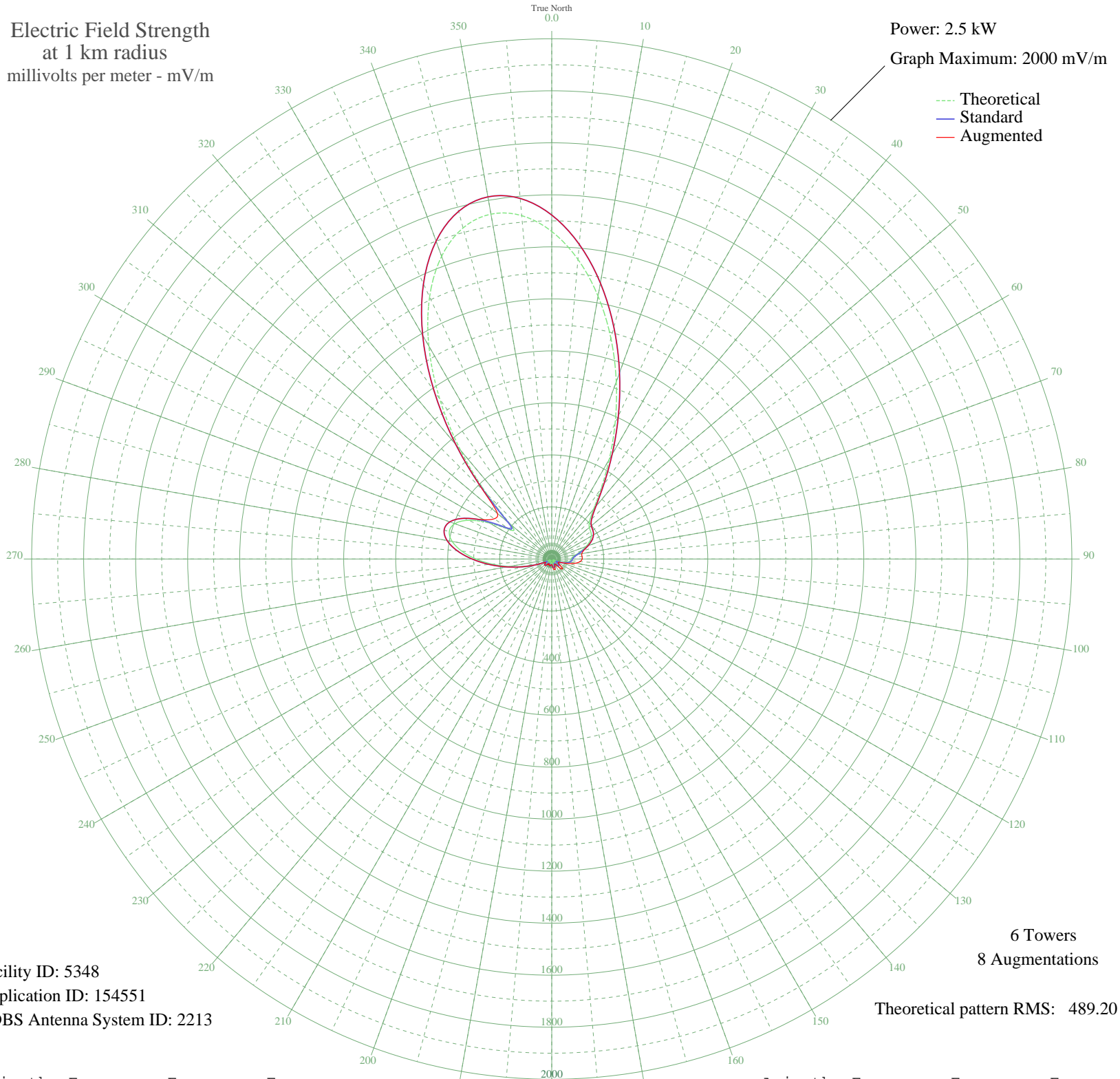


WNZK DEARBORN HEIGHTS, MI BL-19901123AC 690 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 5348
Application ID: 154551
CDBS Antenna System ID: 2213

6 Towers
8 Augmentations
Theoretical pattern RMS: 489.20

Azimuth	Etheo	Estd	Eaug
0	1259.27	1322.34	1322.34
5	1156.29	1214.22	1214.22
10	1025.90	1077.32	1077.32
15	878.71	922.80	922.80
20	725.52	761.98	761.98
25	576.71	605.78	605.78
30	442.03	464.43	464.43
35	330.62	347.54	347.54
40	250.62	263.67	263.67
45	205.80	216.73	216.73
50	188.73	198.86	198.86
55	183.08	192.95	192.95
60	175.72	185.25	185.25
65	161.34	170.22	170.22
70	140.28	148.23	148.23
75	116.21	123.14	127.42
80	94.54	100.65	117.43
85	80.36	86.00	116.80
90	74.35	79.81	117.00
95	71.34	76.73	110.16
100	65.32	70.56	92.94
105	53.34	58.41	66.96
110	35.76	41.05	41.37
115	15.40	23.17	29.78
120	7.59	18.42	28.18
125	22.43	28.81	33.48
130	31.37	36.88	51.84
135	32.19	37.65	54.12
140	25.45	31.46	36.59
145	13.76	22.01	24.92
150	6.77	18.06	23.02
155	17.02	24.39	25.83
160	25.74	31.72	36.50
165	28.91	34.60	43.00
170	26.25	32.18	36.90
175	19.45	26.32	26.32

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	12.74	21.32	21.32
185	13.24	21.66	21.66
190	18.34	25.42	25.42
195	21.12	27.70	27.70
200	19.34	26.23	26.23
205	13.07	21.54	21.54
210	5.32	17.52	26.31
215	11.13	20.30	21.28
220	21.52	28.04	28.04
225	28.90	34.59	34.59
230	30.46	36.03	36.03
235	24.04	30.21	31.90
240	9.19	19.20	27.04
245	21.62	28.12	32.71
250	59.69	64.84	65.00
255	108.69	115.33	115.33
260	166.27	175.37	175.37
265	228.89	240.91	240.91
270	291.46	306.48	306.48
275	347.35	365.10	365.10
280	388.81	408.59	408.59
285	407.72	428.43	428.43
290	396.88	417.05	417.05
295	351.99	369.96	369.96
300	275.99	290.26	301.90
305	195.62	206.07	269.63
310	207.64	218.65	272.67
315	350.79	368.71	373.01
320	545.64	573.17	573.17
325	751.07	788.80	788.80
330	945.11	992.51	992.51
335	1111.57	1167.27	1167.27
340	1238.35	1300.37	1300.37
345	1317.66	1383.64	1383.64
350	1346.23	1413.64	1413.64
355	1325.16	1391.52	1391.52