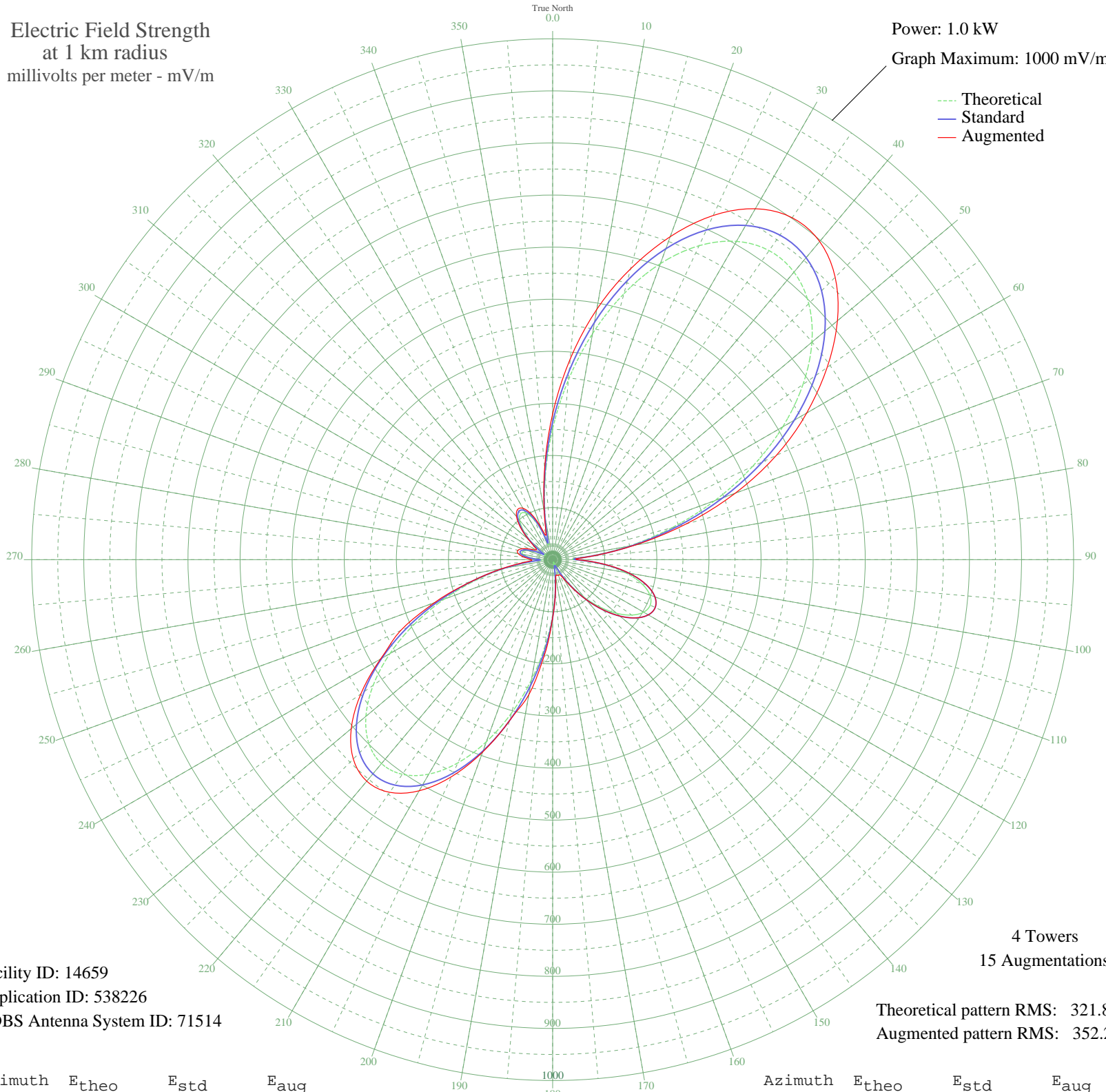


WKMI KALAMAZOO, MI BL-20000424ABC 1360 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 14659  
Application ID: 538226  
CDBS Antenna System ID: 71514

4 Towers  
15 Augmentations

Theoretical pattern RMS: 321.87  
Augmented pattern RMS: 352.27

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	251.31	264.08	280.03
5	346.29	363.75	386.74
10	440.62	462.77	487.98
15	528.60	555.13	578.10
20	604.93	635.26	659.95
25	665.07	698.40	729.10
30	705.59	740.94	777.98
35	724.38	760.68	801.46
40	720.73	756.84	797.38
45	695.22	730.06	766.92
50	649.64	682.20	713.59
55	586.73	616.15	643.16
60	509.97	535.57	563.03
65	423.33	444.62	473.79
70	331.08	347.79	373.03
75	237.60	249.70	265.74
80	147.54	155.27	159.90
85	67.90	72.07	74.03
90	41.59	44.91	48.28
95	92.05	97.22	98.68
100	140.77	148.18	148.89
105	176.79	185.93	186.25
110	198.70	208.90	208.99
115	206.65	217.23	217.24
120	201.65	211.99	211.99
125	185.41	194.96	194.96
130	160.21	168.54	168.54
135	128.84	135.69	135.69
140	94.54	99.82	99.91
145	60.88	64.78	66.36
150	31.65	34.85	41.58
155	10.91	15.54	32.14
160	4.73	11.61	32.19
165	5.52	11.99	30.58
170	22.48	25.83	34.38
175	56.76	60.51	62.20

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	105.61	111.39	111.47
185	166.13	174.75	185.07
190	234.19	246.12	263.32
195	304.67	320.08	320.08
200	371.97	390.71	393.16
205	430.53	452.18	459.81
210	475.49	499.37	512.40
215	503.09	528.35	545.32
220	511.12	536.77	555.22
225	499.03	524.09	541.19
230	467.97	491.48	504.72
235	420.58	441.74	449.54
240	360.66	378.84	381.37
245	292.78	307.59	321.87
250	221.83	233.16	241.40
255	152.67	160.65	161.07
260	89.87	94.94	97.88
265	38.68	41.95	52.15
270	21.78	25.17	40.45
275	43.34	46.70	54.93
280	57.70	61.49	67.18
285	60.07	63.94	69.20
290	51.38	54.96	61.55
295	34.23	37.44	47.98
300	16.27	20.05	37.01
305	27.98	31.20	41.22
310	54.66	58.34	61.23
315	79.74	84.39	87.01
320	98.49	103.95	107.82
325	107.38	113.24	117.48
330	103.57	109.26	113.85
335	85.19	90.06	96.16
340	52.83	56.46	66.53
345	30.49	33.69	48.95
350	82.52	87.28	92.74
355	161.39	169.78	176.60