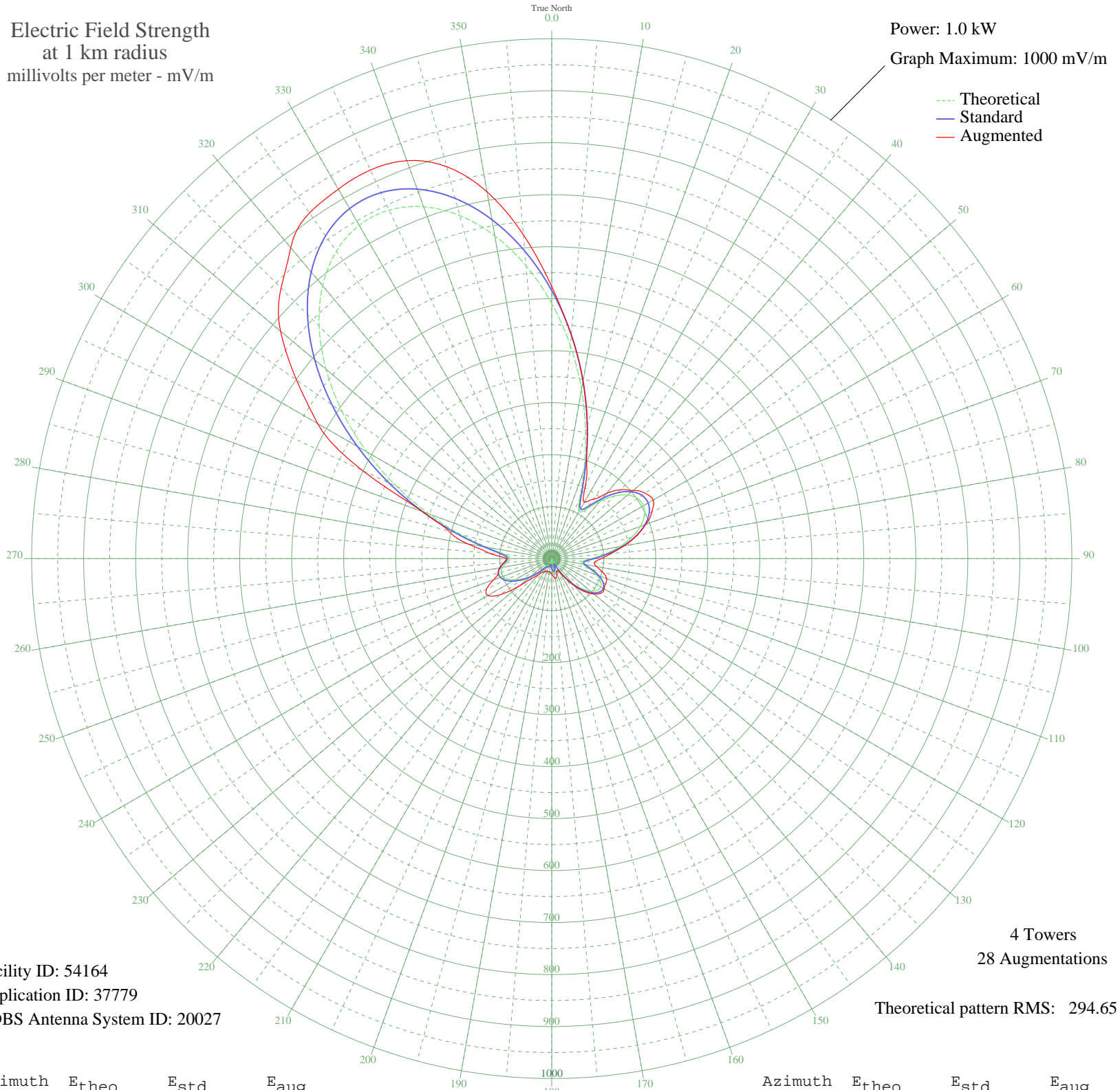


# KMJM CEDAR RAPIDS, IA BL-19820106AK 1360 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 54164  
Application ID: 37779  
CDBS Antenna System ID: 20027

4 Towers  
28 Augmentations

Theoretical pattern RMS: 294.65

Azimuth	Etheo	Estd	Eaug
0	491.00	515.66	523.47
5	411.21	431.90	431.90
10	329.91	346.56	346.56
15	251.38	264.16	264.16
20	180.96	190.30	195.72
25	127.29	134.07	151.99
30	104.50	110.23	125.60
35	116.42	122.69	139.63
40	143.63	151.18	163.28
45	170.35	179.17	187.43
50	190.37	200.17	204.05
55	201.61	211.95	219.09
60	203.56	214.00	225.31
65	196.56	206.66	212.12
70	181.45	190.81	192.18
75	159.55	167.85	167.85
80	132.70	139.73	140.20
85	103.59	109.28	115.14
90	76.57	81.08	95.26
95	59.50	63.35	82.45
100	60.67	64.56	87.58
105	75.02	79.47	101.76
110	91.32	96.46	112.24
115	103.41	109.08	114.22
120	108.69	114.60	116.41
125	106.39	112.20	115.86
130	96.91	102.30	105.93
135	81.54	86.26	90.11
140	62.20	66.15	68.67
145	41.16	44.47	44.47
150	20.74	24.18	29.26
155	3.01	10.96	25.75
160	10.48	15.21	28.51
165	18.85	22.40	35.95
170	21.96	25.33	38.52
175	20.36	23.82	34.59

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	Etheo	Estd	Eaug
180	15.19	19.09	29.76
185	7.91	13.39	26.76
190	0.16	10.50	25.75
195	6.68	12.63	26.13
200	11.42	15.94	26.64
205	13.76	17.86	26.49
210	14.75	18.71	29.64
215	17.59	21.25	32.19
220	25.33	28.59	41.00
225	37.49	40.74	52.07
230	52.16	55.76	82.44
235	67.46	71.60	120.98
240	81.61	86.33	141.62
245	92.88	98.08	138.11
250	99.68	105.19	119.23
255	100.79	106.34	106.34
260	95.83	101.16	101.61
265	86.59	91.52	92.99
270	80.12	84.78	86.89
275	90.61	95.72	120.81
280	126.40	133.13	164.19
285	182.37	191.78	204.82
290	251.71	264.50	264.50
295	329.27	345.89	402.22
300	410.55	431.21	519.83
305	491.10	515.76	599.06
310	566.47	594.88	680.72
315	632.42	664.13	736.00
320	685.22	719.56	780.74
325	721.88	758.04	811.89
330	740.36	777.45	820.77
335	739.74	776.80	824.85
340	720.24	756.32	814.59
345	683.10	717.33	780.56
350	630.50	662.11	716.40
355	565.34	593.70	625.36