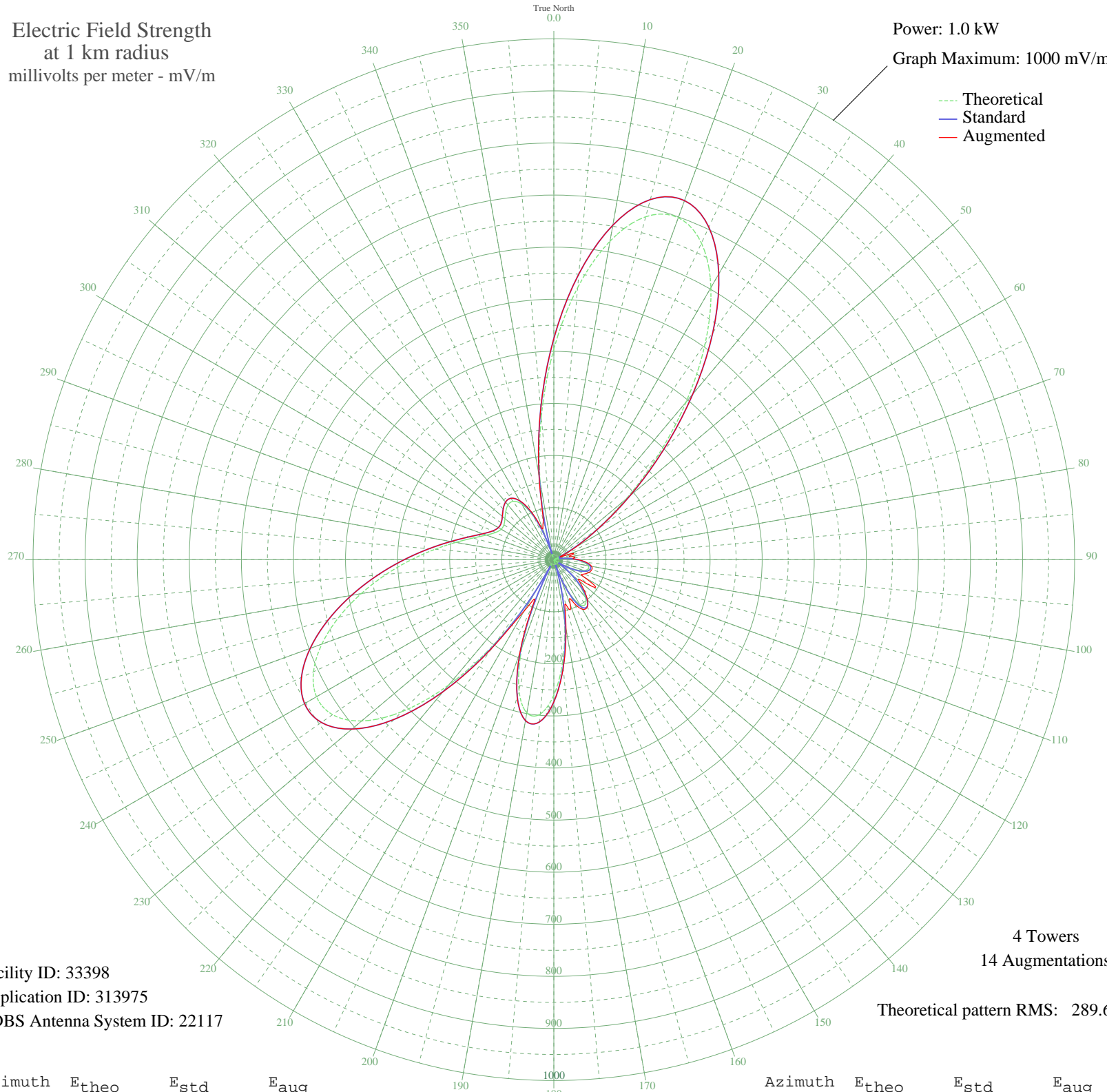


KAIR ATCHISON, KS BL-- 1470 kHz

Unlimited Time

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: 33398
Application ID: 313975
CDBS Antenna System ID: 22117

4 Towers
14 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	E _{theo}	E _{std}	E _{aug}
0	404.34	424.69	424.69
5	524.28	550.59	550.59
10	620.89	652.02	652.02
15	681.58	715.74	715.74
20	698.59	733.60	733.60
25	670.65	704.26	704.26
30	603.09	633.33	633.33
35	506.67	532.11	532.11
40	395.15	415.04	415.04
45	282.65	296.97	296.97
50	181.18	190.53	190.57
55	99.10	104.58	104.94
60	40.50	43.80	49.43
65	5.54	12.00	14.83
70	8.63	13.87	26.39
75	6.71	12.65	36.82
80	5.85	12.16	32.81
85	23.70	27.01	39.20
90	42.17	45.51	46.71
95	57.46	61.24	63.38
100	66.78	70.90	73.57
105	68.29	72.46	75.28
110	61.06	64.97	71.69
115	45.10	48.50	64.98
120	21.37	24.78	67.84
125	8.09	13.51	89.75
130	40.13	43.42	63.62
135	70.47	74.74	81.40
140	93.99	99.25	100.08
145	105.20	110.96	111.42
150	99.10	104.58	109.92
155	72.28	76.62	92.49
160	24.16	27.45	92.97
165	42.13	45.46	88.68
170	119.25	125.65	134.81
175	196.23	206.31	208.41

Azimuth	E _{theo}	E _{std}	E _{aug}
180	259.94	273.14	273.19
185	297.43	312.48	312.48
190	298.63	313.73	313.73
195	258.69	271.82	272.02
200	179.29	188.55	191.47
205	68.53	72.72	90.93
210	60.69	64.58	113.49
215	193.19	203.12	207.76
220	314.44	330.33	331.25
225	412.95	433.72	433.72
230	481.77	505.97	505.97
235	518.85	544.89	544.89
240	526.31	552.72	552.72
245	509.20	534.76	534.76
250	474.05	497.86	497.86
255	427.54	449.04	449.04
260	375.65	394.57	394.57
265	323.13	339.44	339.44
270	273.44	287.30	287.30
275	228.91	240.59	240.59
280	190.99	200.82	200.82
285	160.54	168.89	168.89
290	137.99	145.27	145.27
295	123.48	130.08	130.08
300	116.77	123.05	123.05
305	117.01	123.30	123.30
310	122.54	129.09	129.09
315	130.57	137.50	137.50
320	137.03	144.27	144.27
325	136.60	143.82	143.82
330	123.18	129.77	130.45
335	90.72	95.83	99.63
340	34.48	37.70	62.29
345	47.52	50.99	78.68
350	153.25	161.25	163.91
355	275.92	289.91	290.37

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission