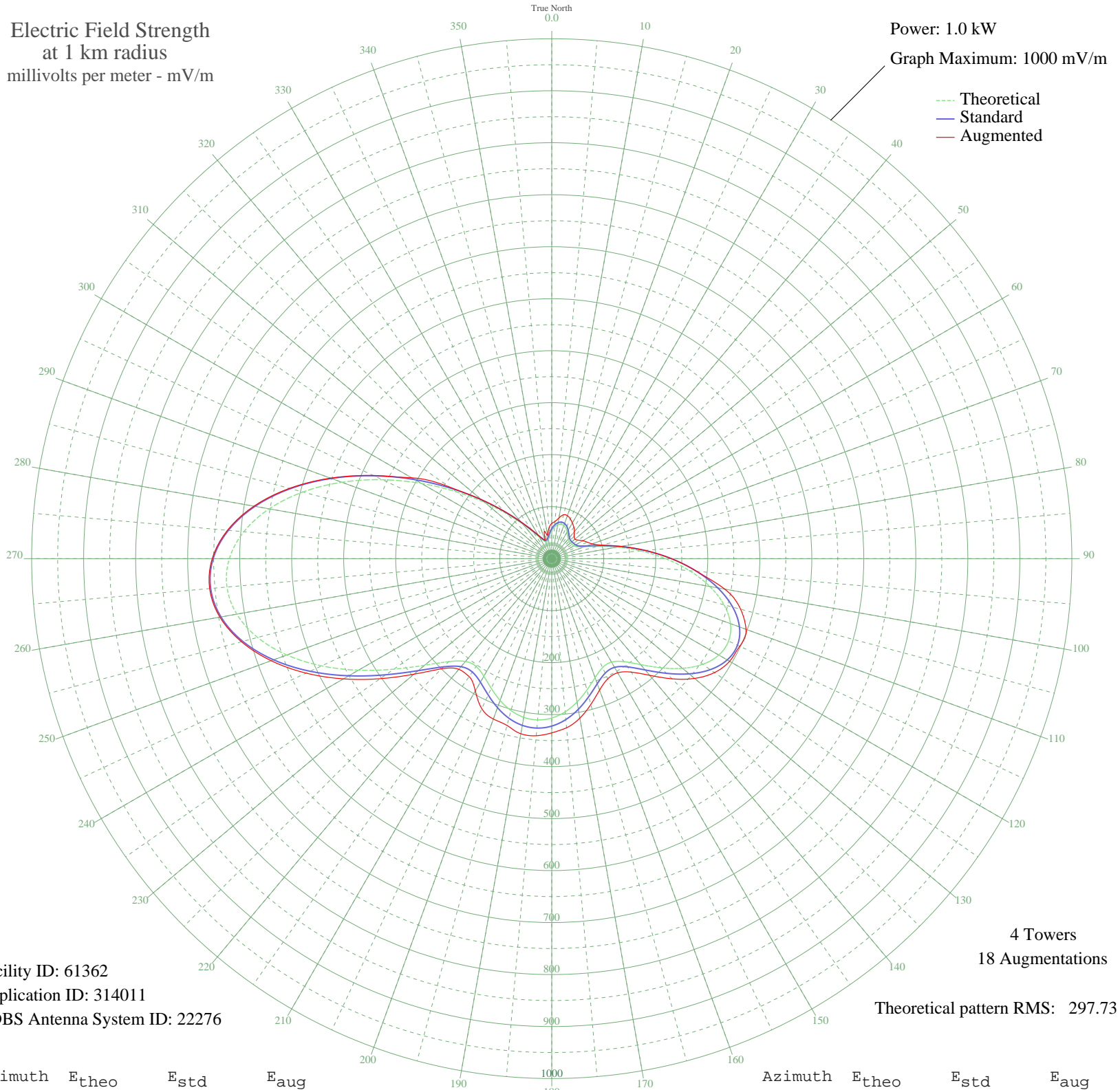


# KQAM WICHITA, KS BL-- 1480 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 61362  
Application ID: 314011  
CDBS Antenna System ID: 22276

4 Towers  
18 Augmentations  
Theoretical pattern RMS: 297.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	54.03	57.74	67.81
5	61.23	65.19	71.80
10	66.23	70.38	79.42
15	68.43	72.66	87.37
20	67.69	71.89	87.89
25	64.35	68.42	84.35
30	59.22	63.11	79.15
35	53.65	57.35	74.16
40	49.19	52.77	67.40
45	46.99	50.50	60.78
50	46.88	50.39	58.34
55	47.76	51.29	62.08
60	49.33	52.91	68.86
65	54.14	57.86	75.16
70	67.30	71.48	82.68
75	92.15	97.35	100.26
80	127.85	134.67	134.67
85	171.34	180.23	180.23
90	218.79	229.98	229.98
95	265.98	279.48	279.48
100	308.65	324.26	337.79
105	342.90	360.21	375.95
110	365.68	384.12	397.56
115	375.14	394.05	398.81
120	370.94	389.63	394.83
125	354.34	372.21	382.02
130	328.21	344.79	358.39
135	296.89	311.93	326.90
140	266.02	279.53	292.97
145	241.87	254.20	266.44
150	229.72	241.44	253.49
155	231.25	243.05	254.94
160	243.59	256.00	268.97
165	261.50	274.78	290.35
170	280.04	294.24	311.40
175	295.76	310.74	326.59

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	306.58	322.09	335.12
185	311.42	327.16	341.94
190	309.97	325.64	342.11
195	302.56	317.87	332.20
200	290.29	304.99	328.36
205	275.27	289.23	318.42
210	261.14	274.41	293.87
215	253.32	266.21	277.00
220	258.17	271.30	277.88
225	280.13	294.34	299.58
230	319.07	335.19	345.75
235	370.73	389.42	402.52
240	429.13	450.72	462.52
245	488.13	512.65	521.13
250	541.99	569.19	574.17
255	585.66	615.03	617.74
260	614.95	645.79	648.01
265	626.89	658.32	660.34
270	619.96	651.05	652.88
275	594.30	624.11	625.94
280	551.67	579.35	581.45
285	495.31	520.18	522.23
290	429.52	451.12	452.66
295	359.20	377.31	378.05
300	289.26	303.91	311.01
305	224.12	235.58	240.36
310	167.33	176.03	176.03
315	121.21	127.73	127.73
320	86.72	91.69	91.69
325	63.15	67.18	67.18
330	48.20	51.75	51.75
335	38.97	42.31	42.31
340	33.97	37.26	37.26
345	33.65	36.94	54.51
350	38.17	41.51	46.00
355	45.75	49.23	59.35

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.

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10 Nov 2011

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission