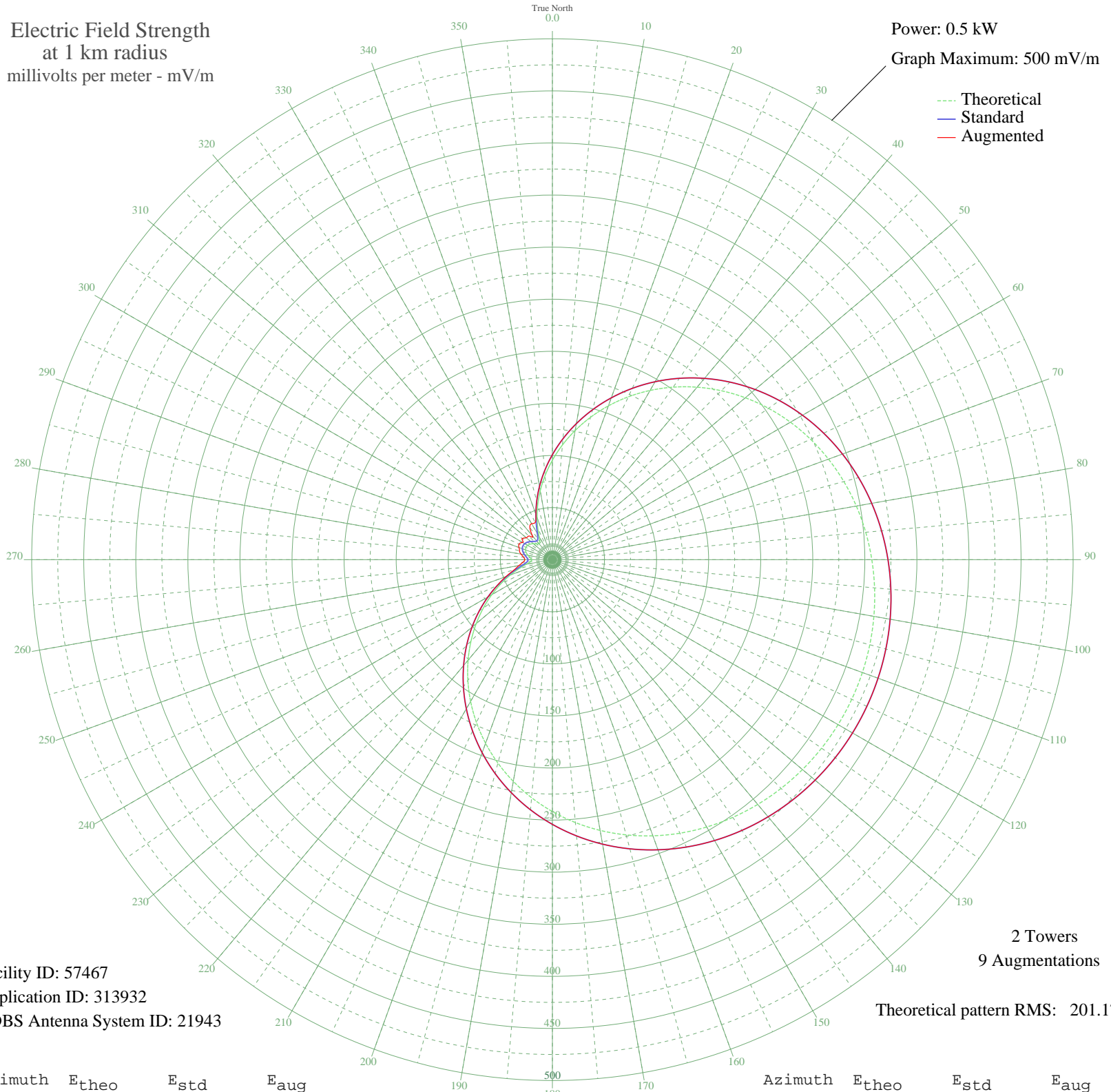


WKJR RANTOUL, IL BL-- 1460 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 57467
Application ID: 313932
CDBS Antenna System ID: 21943

2 Towers
9 Augmentations
Theoretical pattern RMS: 201.17

Azimuth	E _{theo}	E _{std}	E _{aug}
0	95.46	100.78	100.78
5	110.51	116.51	116.51
10	125.92	132.64	132.64
15	141.51	148.96	148.96
20	157.09	165.28	165.28
25	172.50	181.43	181.43
30	187.57	197.22	197.22
35	202.15	212.52	212.52
40	216.13	227.17	227.17
45	229.37	241.07	241.07
50	241.80	254.10	254.10
55	253.33	266.20	266.20
60	263.91	277.31	277.31
65	273.51	287.38	287.38
70	282.12	296.41	296.41
75	289.73	304.39	304.39
80	296.35	311.34	311.34
85	302.00	317.28	317.28
90	306.72	322.22	322.22
95	310.52	326.22	326.22
100	313.45	329.29	329.29
105	315.52	331.46	331.46
110	316.75	332.75	332.75
115	317.16	333.18	333.18
120	316.75	332.75	332.75
125	315.52	331.46	331.46
130	313.45	329.29	329.29
135	310.52	326.22	326.22
140	306.72	322.22	322.22
145	302.00	317.28	317.28
150	296.35	311.34	311.34
155	289.73	304.39	304.39
160	282.12	296.41	296.41
165	273.51	287.38	287.38
170	263.91	277.31	277.31
175	253.33	266.20	266.20

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	241.80	254.10	254.10
185	229.37	241.07	241.07
190	216.13	227.17	227.17
195	202.15	212.52	212.52
200	187.57	197.22	197.22
205	172.50	181.43	181.43
210	157.09	165.28	165.28
215	141.51	148.96	148.96
220	125.92	132.64	132.64
225	110.51	116.51	116.51
230	95.46	100.78	100.78
235	80.95	85.65	85.65
240	67.20	71.34	71.34
245	54.44	58.12	58.30
250	42.94	46.29	47.48
255	33.10	36.30	38.09
260	25.51	28.77	32.69
265	20.99	24.42	28.33
270	19.93	23.41	26.47
275	21.38	24.79	27.82
280	23.78	27.08	30.57
285	26.01	29.26	32.68
290	27.51	30.73	34.17
295	28.03	31.25	35.41
300	27.51	30.73	32.91
305	26.01	29.26	35.41
310	23.78	27.08	32.67
315	21.38	24.79	32.19
320	19.93	23.41	29.64
325	20.99	24.42	37.80
330	25.51	28.77	39.86
335	33.10	36.30	39.25
340	42.94	46.29	46.29
345	54.44	58.12	58.12
350	67.20	71.34	71.34
355	80.95	85.65	85.65