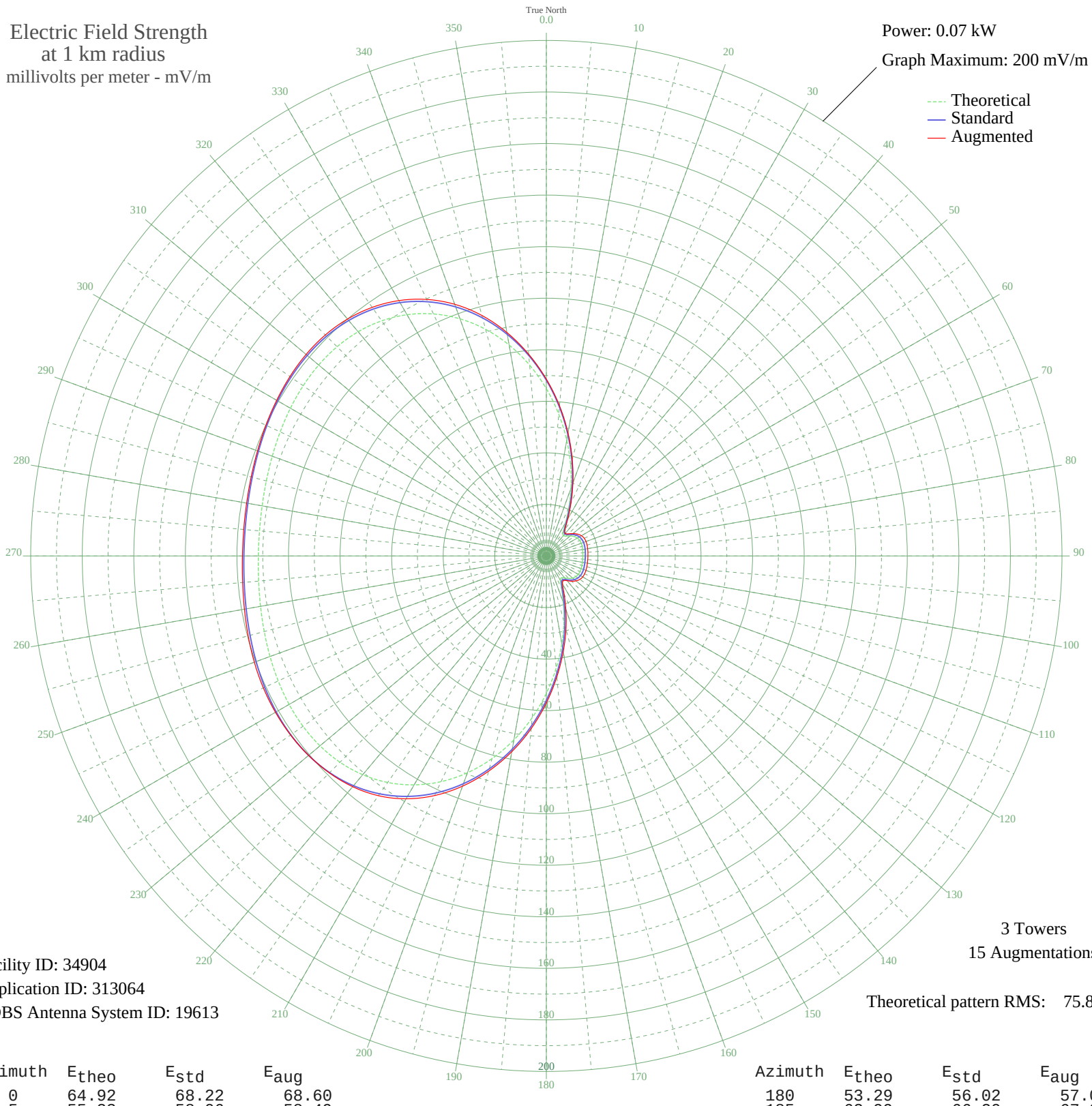
KCHK NEW PRAGUE, MN BL-- 1350 kHz

Nighttime

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



Power: 0.07 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

3 Towers
15 Augmentations

Facility ID: 34904
Application ID: 313064
CDBS Antenna System ID: 19613

Theoretical pattern RMS: 75.87

Azimuth	E_{theo}	E_{std}	E_{aug}
0	64.92	68.22	68.60
5	55.23	58.06	58.49
10	45.59	47.96	48.43
15	36.37	38.29	38.82
20	27.91	29.44	30.10
25	20.60	21.80	22.58
30	14.88	15.87	16.57
35	11.34	12.23	12.67
40	10.27	11.13	11.40
45	10.91	11.79	12.12
50	12.09	13.00	13.49
55	13.14	14.08	14.78
60	13.86	14.82	15.72
65	14.25	15.22	16.23
70	14.39	15.37	16.37
75	14.38	15.35	16.36
80	14.30	15.27	16.27
85	14.21	15.18	16.18
90	14.15	15.12	16.12
95	14.15	15.11	16.11
100	14.20	15.16	16.16
105	14.28	15.25	16.25
110	14.37	15.34	16.34
115	14.40	15.37	16.38
120	14.30	15.27	16.28
125	13.97	14.92	15.86
130	13.32	14.26	15.04
135	12.33	13.24	13.87
140	11.14	12.02	12.54
145	10.30	11.17	11.63
150	10.93	11.81	12.53
155	13.98	14.94	16.28
160	19.31	20.46	22.15
165	26.34	27.80	29.43
170	34.60	36.44	37.72
175	43.71	45.97	47.01

Azimuth	E_{theo}	E_{std}	E_{aug}
180	53.29	56.02	57.04
185	62.99	66.20	67.22
190	72.47	76.14	77.10
195	81.41	85.52	86.45
200	89.53	94.05	95.05
205	96.62	101.49	102.57
210	102.56	107.72	108.80
215	107.28	112.67	113.55
220	110.79	116.37	116.86
225	113.19	118.88	119.03
230	114.61	120.37	120.37
235	115.21	121.00	121.10
240	115.19	120.99	121.32
245	114.75	120.51	121.11
250	114.05	119.79	120.53
255	113.28	118.97	119.72
260	112.56	118.22	118.91
265	112.01	117.65	118.25
270	111.70	117.32	117.87
275	111.68	117.29	117.82
280	111.93	117.56	118.05
285	112.44	118.09	118.53
290	113.13	118.81	119.21
295	113.90	119.63	120.02
300	114.62	120.38	120.77
305	115.13	120.92	121.39
310	115.25	121.05	121.64
315	114.79	120.56	121.25
320	113.55	119.26	119.98
325	111.36	116.96	117.74
330	108.07	113.51	114.40
335	103.60	108.82	109.81
340	97.91	102.84	103.91
345	91.04	95.63	96.61
350	83.10	87.30	88.04
355	74.31	78.08	78.55

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
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