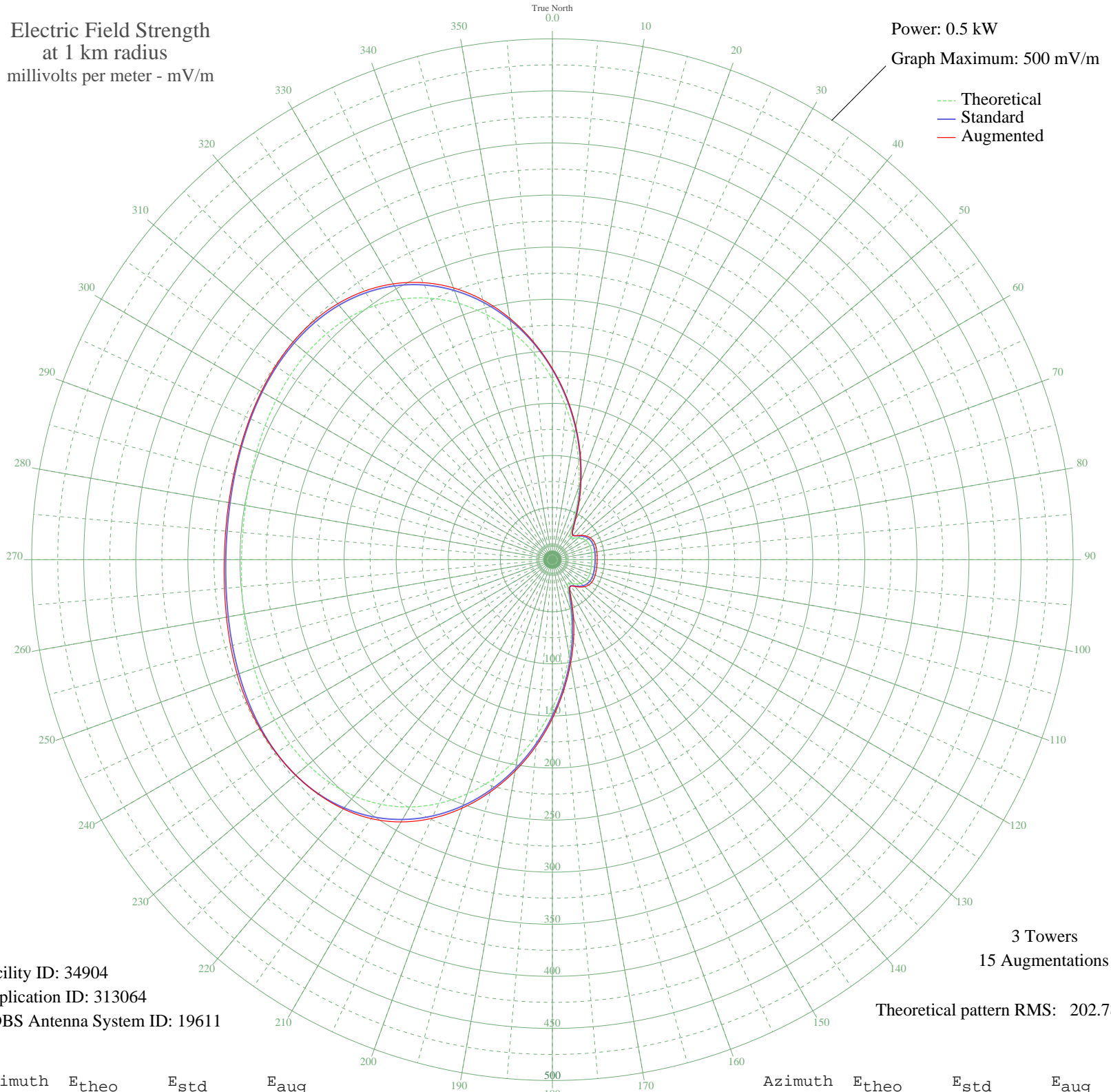


# KCHK NEW PRAGUE, MN BL-- 1350 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 34904  
Application ID: 313064  
CDBS Antenna System ID: 19611

3 Towers  
15 Augmentations  
Theoretical pattern RMS: 202.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	173.50	182.48	183.47
5	147.61	155.35	156.45
10	121.86	128.39	129.54
15	97.20	102.60	103.81
20	74.59	79.03	80.47
25	55.05	58.75	60.39
30	39.78	43.07	44.36
35	30.31	33.51	33.94
40	27.44	30.67	30.58
45	29.17	32.38	32.52
50	32.32	35.53	36.20
55	35.13	38.35	39.61
60	37.05	40.30	42.00
65	38.09	41.35	43.27
70	38.47	41.74	43.65
75	38.44	41.70	43.61
80	38.22	41.48	43.39
85	37.98	41.24	43.15
90	37.83	41.09	43.00
95	37.82	41.07	42.98
100	37.94	41.20	43.13
105	38.17	41.43	43.41
110	38.40	41.67	43.69
115	38.49	41.75	43.81
120	38.21	41.48	43.56
125	37.33	40.57	42.49
130	35.59	38.82	40.33
135	32.94	36.15	37.14
140	29.77	32.97	33.48
145	27.53	30.75	31.00
150	29.22	32.43	33.41
155	37.37	40.62	43.50
160	51.61	55.20	59.25
165	70.41	74.67	78.71
170	92.49	97.68	100.88
175	116.81	123.10	125.68

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	142.42	149.91	152.42
185	168.36	177.09	179.61
190	193.69	203.65	206.00
195	217.58	228.70	230.99
200	239.29	251.47	253.97
205	258.25	271.37	274.07
210	274.11	288.01	290.71
215	286.72	301.24	303.44
220	296.12	311.10	312.35
225	302.53	317.83	318.19
230	306.32	321.80	321.80
235	307.93	323.50	323.73
240	307.88	323.45	324.26
245	306.68	322.19	323.64
250	304.83	320.24	322.07
255	302.76	318.07	319.90
260	300.85	316.06	317.77
265	299.38	314.52	316.06
270	298.55	313.66	315.07
275	298.48	313.58	314.95
280	299.16	314.29	315.54
285	300.51	315.71	316.76
290	302.36	317.65	318.53
295	304.42	319.81	320.67
300	306.35	321.84	322.70
305	307.72	323.27	324.39
310	308.04	323.61	325.10
315	306.80	322.31	324.10
320	303.48	318.83	320.70
325	297.63	312.69	314.70
330	288.85	303.48	305.71
335	276.90	290.93	293.40
340	261.68	274.96	277.60
345	243.31	255.69	258.11
350	222.12	233.46	235.29
355	198.61	208.81	210.01