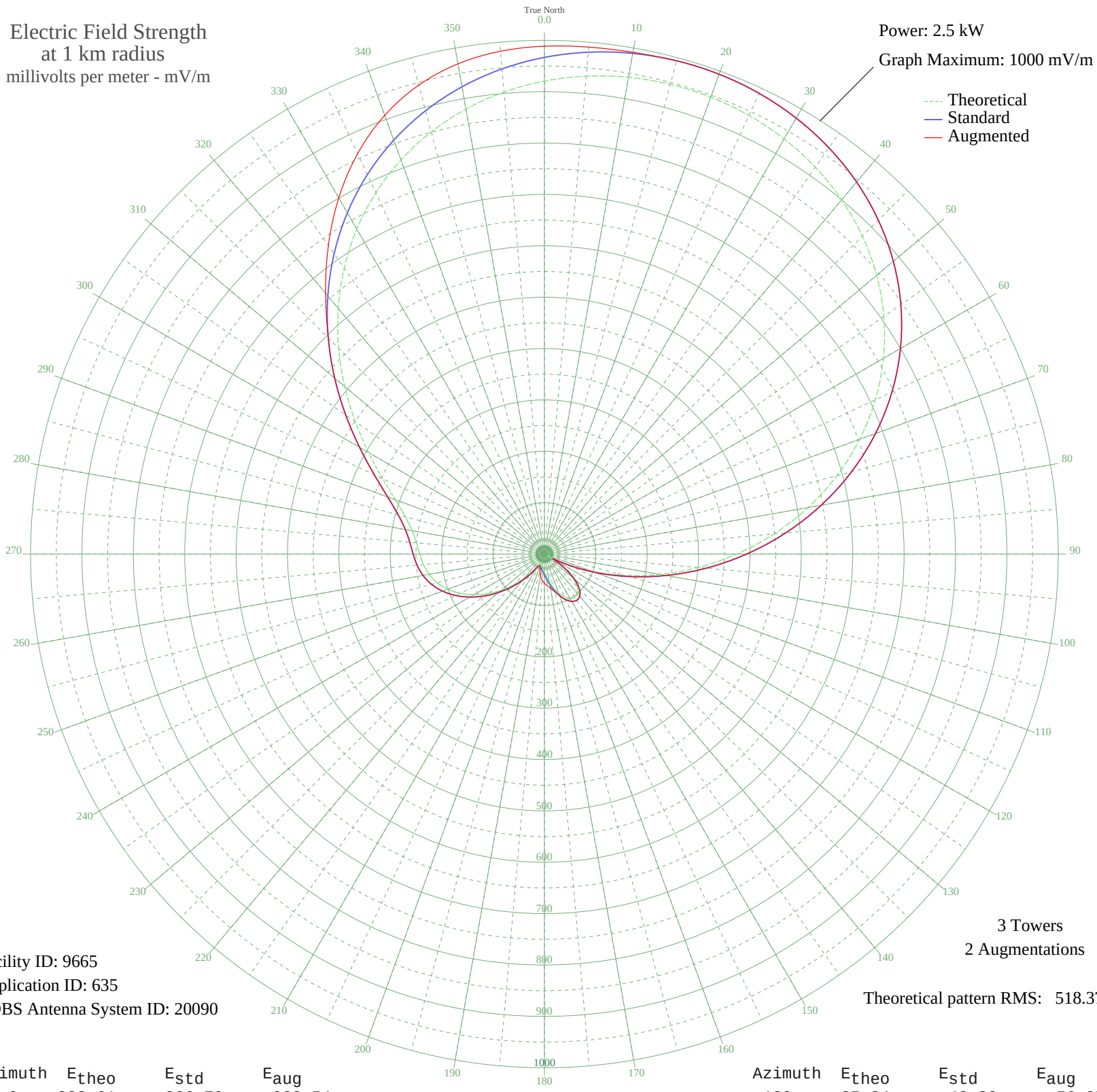
KKBJ BEMIDJI, MN BL-14397 1360 kHz

Nighttime



Facility ID: 9665
Application ID: 635
CDBS Antenna System ID: 20090

3 Towers
2 Augmentations

Theoretical pattern RMS: 518.37

Azimuth	E_{theo}	E_{std}	E_{aug}
0	920.61	966.79	988.54
5	933.75	980.59	990.52
10	942.34	989.60	991.67
15	946.56	994.03	994.03
20	946.49	993.96	993.96
25	942.06	989.31	989.31
30	933.08	979.88	979.88
35	919.22	965.33	965.33
40	900.06	945.22	945.22
45	875.15	919.06	919.06
50	844.02	886.39	886.39
55	806.32	846.81	846.81
60	761.83	800.10	800.10
65	710.56	746.28	746.28
70	652.79	685.64	685.64
75	589.17	618.86	618.86
80	520.66	546.95	546.95
85	448.59	471.32	471.32
90	374.58	393.68	393.68
95	300.51	315.99	315.99
100	228.32	240.34	240.34
105	160.01	168.87	168.87
110	97.42	103.69	103.69
115	42.21	47.46	47.46
120	7.22	18.57	18.57
125	43.07	48.30	48.30
130	71.19	76.65	76.65
135	90.14	96.15	96.15
140	100.51	106.89	106.89
145	103.32	109.80	109.80
150	99.89	106.25	106.25
155	91.74	97.81	97.81
160	80.48	86.19	86.37
165	67.75	73.13	75.57
170	55.12	60.31	67.38
175	43.99	49.21	61.72

Azimuth	E_{theo}	E_{std}	E_{aug}
180	35.34	40.80	56.97
185	29.28	35.11	51.19
190	24.84	31.11	43.25
195	20.75	27.61	33.55
200	17.08	24.68	25.32
205	17.61	25.09	25.09
210	26.61	32.69	32.69
215	42.28	47.52	47.52
220	62.21	67.49	67.49
225	84.99	90.83	90.83
230	109.44	116.15	116.15
235	134.38	142.11	142.11
240	158.60	167.39	167.39
245	180.93	190.73	190.73
250	200.31	211.01	211.01
255	216.03	227.47	227.47
260	227.85	239.84	239.84
265	236.28	248.67	248.67
270	242.80	255.51	255.51
275	249.99	263.04	263.04
280	261.26	274.85	274.85
285	280.06	294.55	294.55
290	308.68	324.56	324.56
295	347.53	365.30	365.30
300	395.23	415.34	415.34
305	449.38	472.15	472.15
310	507.26	532.89	532.89
315	566.30	594.86	595.08
320	624.27	655.71	662.59
325	679.38	713.55	733.03
330	730.29	767.00	800.46
335	776.11	815.09	860.11
340	816.32	857.30	908.76
345	850.74	893.43	944.96
350	879.42	923.55	968.95
355	902.61	947.89	982.50

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