

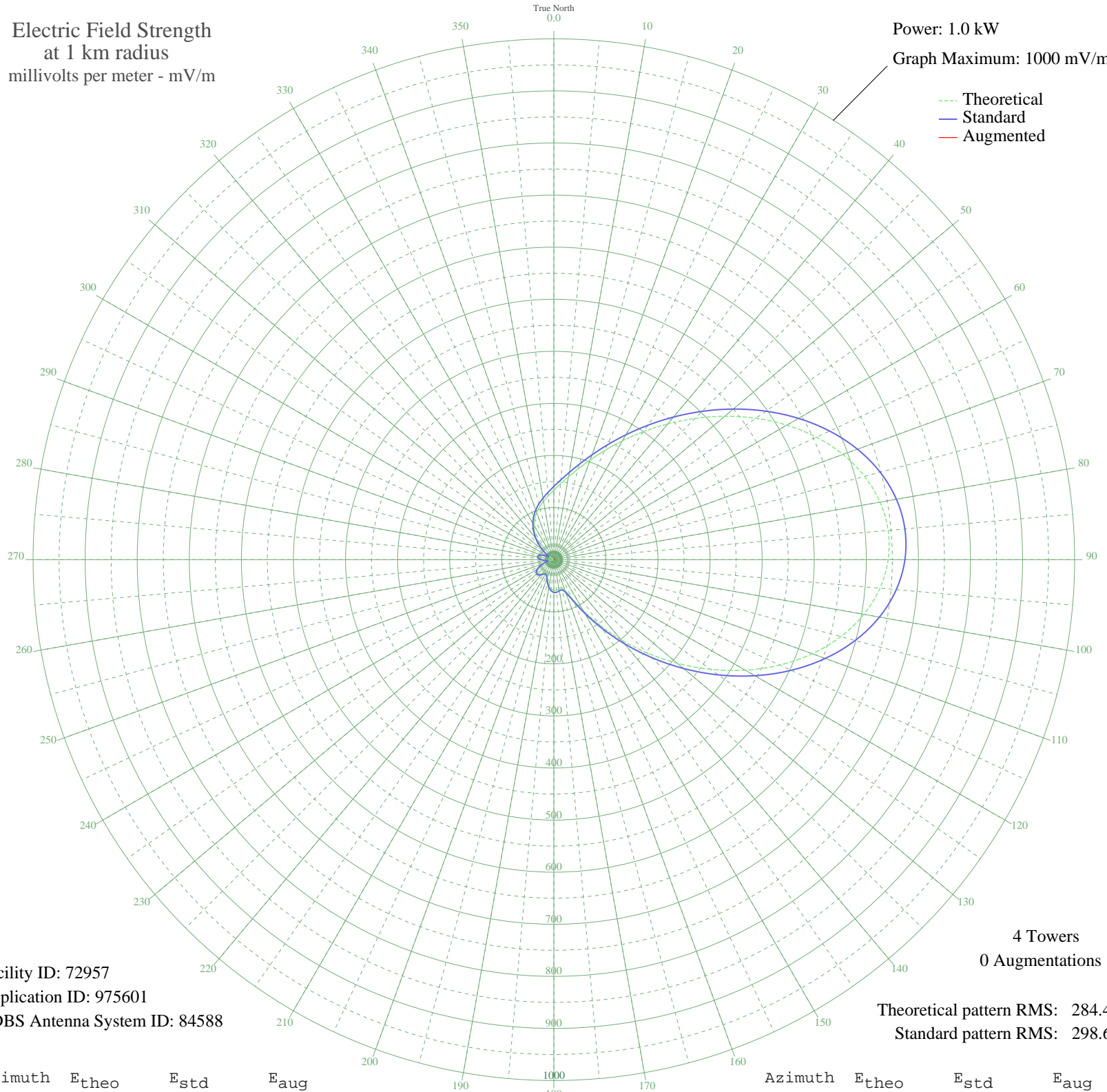
WEEF WHEELING, IL BMJP-20040130BEU 1430 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 72957
Application ID: 975601
CDBS Antenna System ID: 84588

4 Towers
0 Augmentations

Theoretical pattern RMS: 284.40
Standard pattern RMS: 298.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	133.45	140.52	
5	146.06	153.72	
10	161.53	169.93	
15	180.56	189.87	
20	203.68	214.12	
25	231.27	243.06	
30	263.42	276.79	
35	299.92	315.09	
40	340.22	357.38	
45	383.41	402.72	
50	428.26	449.80	
55	473.23	497.00	
60	516.55	542.47	
65	556.33	584.24	
70	590.66	620.28	
75	617.76	648.73	
80	636.07	667.95	
85	644.39	676.69	
90	641.97	674.15	
95	628.57	660.09	
100	604.50	634.81	
105	570.57	599.19	
110	528.06	554.56	
115	478.66	502.71	
120	424.32	445.66	
125	367.16	385.67	
130	309.35	324.99	
135	253.01	265.87	
140	200.15	210.42	
145	152.70	160.68	
150	112.60	118.69	
155	82.02	86.75	
160	63.25	67.24	
165	56.44	60.18	
170	56.96	60.72	
175	58.91	62.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	58.99	62.82	
185	56.18	59.91	
190	50.67	54.23	
195	43.38	46.75	
200	35.84	39.07	
205	30.18	33.38	
210	28.52	31.73	
215	30.86	34.06	
220	34.87	38.09	
225	38.22	41.48	
230	39.49	42.77	
235	38.02	41.28	
240	33.67	36.88	
245	26.67	29.91	
250	17.61	21.27	
255	7.32	13.01	
260	3.24	11.04	
265	13.02	17.23	
270	21.03	24.45	
275	26.45	29.69	
280	28.66	31.88	
285	27.36	30.59	
290	22.54	25.89	
295	14.50	18.49	
300	3.76	11.22	
305	8.95	14.09	
310	22.83	26.17	
315	37.08	40.33	
320	51.02	54.59	
325	64.10	68.12	
330	76.00	80.49	
335	86.65	91.59	
340	96.21	101.56	
345	105.05	110.80	
350	113.73	119.88	
355	122.94	129.51	

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