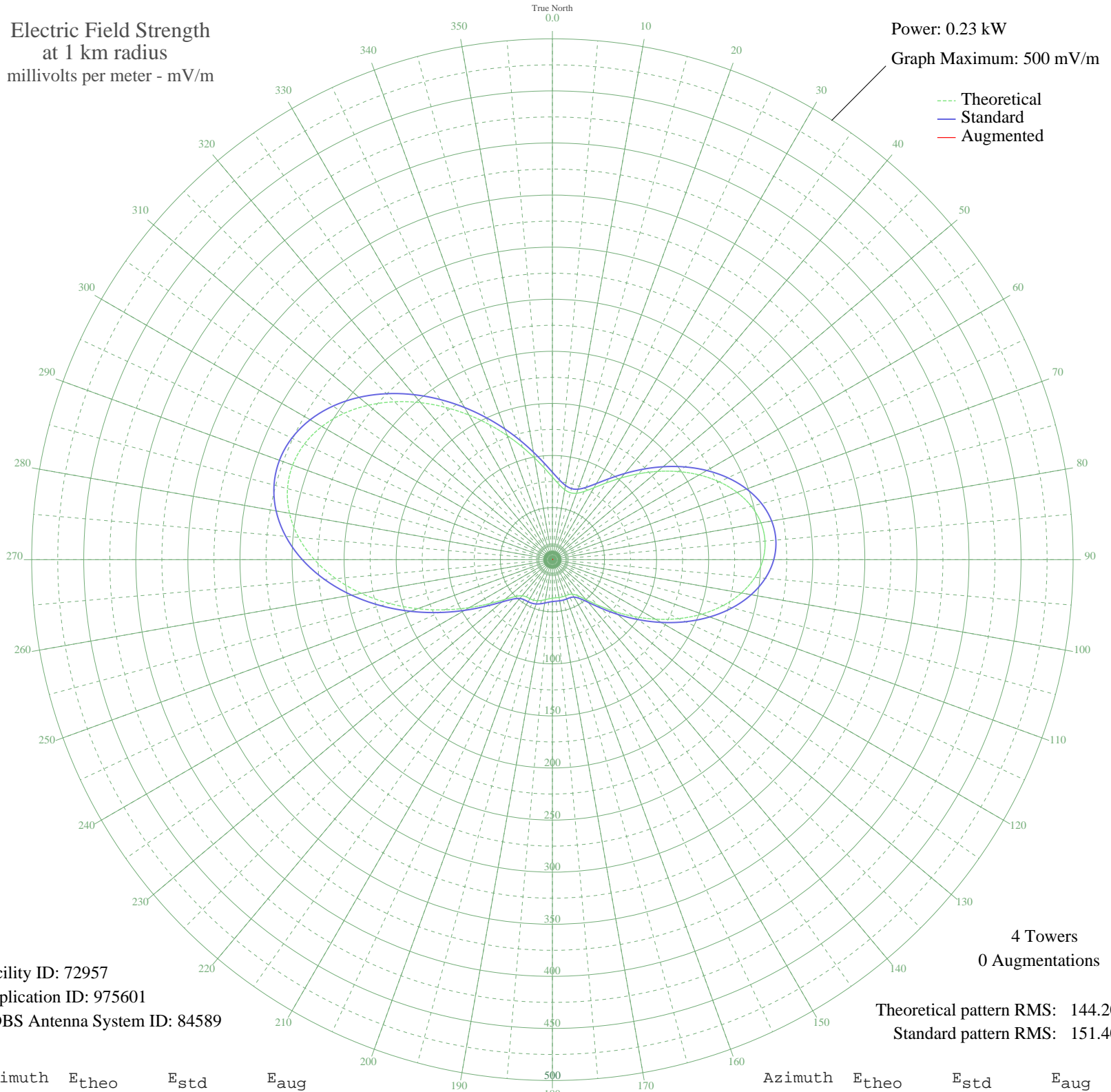


WEEF WHEELING, IL BMJP-20040130BEU 1430 kHz

Nighttime

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

Power: 0.23 kW
Graph Maximum: 500 mV/m



Facility ID: 72957
Application ID: 975601
CDBS Antenna System ID: 84589

4 Towers
0 Augmentations

Theoretical pattern RMS: 144.20
Standard pattern RMS: 151.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	79.33	83.96	
5	72.56	76.90	
10	68.19	72.37	
15	66.53	70.64	
20	67.84	72.01	
25	72.26	76.60	
30	79.70	84.34	
35	89.85	94.92	
40	102.29	107.92	
45	116.47	122.75	
50	131.77	138.76	
55	147.46	155.19	
60	162.75	171.21	
65	176.79	185.92	
70	188.74	198.45	
75	197.82	207.97	
80	203.37	213.80	
85	204.91	215.41	
90	202.20	212.57	
95	195.23	205.26	
100	184.28	193.78	
105	169.89	178.69	
110	152.79	160.77	
115	133.90	140.98	
120	114.25	120.42	
125	94.94	100.23	
130	77.06	81.59	
135	61.70	65.64	
140	49.86	53.39	
145	42.12	45.46	
150	38.24	41.51	
155	36.99	40.23	
160	36.87	40.12	
165	36.94	40.18	
170	36.86	40.10	
175	36.77	40.01	

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	36.97	40.22	
185	37.72	40.97	
190	38.99	42.27	
195	40.52	43.83	
200	41.92	45.25	
205	42.84	46.19	
210	43.25	46.61	
215	43.65	47.02	
220	45.29	48.70	
225	49.99	53.53	
230	59.30	63.14	
235	73.55	77.94	
240	92.12	97.29	
245	113.90	120.05	
250	137.68	144.95	
255	162.24	170.67	
260	186.32	195.92	
265	208.77	219.46	
270	228.50	240.15	
275	244.59	257.03	
280	256.35	269.37	
285	263.35	276.72	
290	265.43	278.90	
295	262.72	276.06	
300	255.60	268.58	
305	244.65	257.10	
310	230.62	242.38	
315	214.34	225.30	
320	196.67	206.77	
325	178.41	187.62	
330	160.29	168.63	
335	142.92	150.43	
340	126.76	133.51	
345	112.13	118.20	
350	99.26	104.75	
355	88.28	93.29	