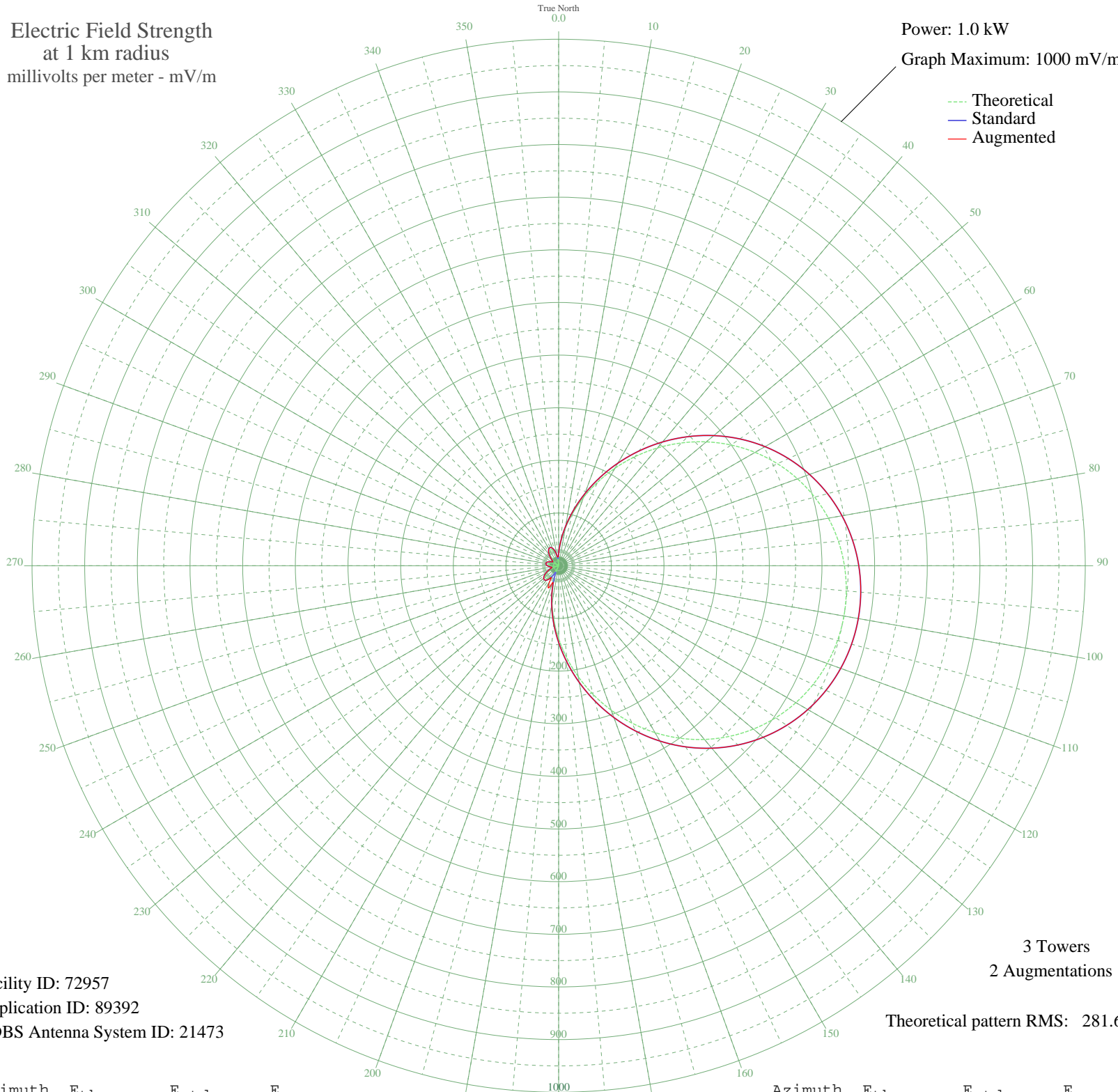


# WEEF HIGHLAND PARK, IL BL-19860618AC 1430 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 72957  
Application ID: 89392  
CDBS Antenna System ID: 21473

3 Towers  
2 Augmentations

Theoretical pattern RMS: 281.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	19.30	24.14	24.14
5	43.29	47.30	47.30
10	71.44	76.14	76.14
15	103.26	109.21	109.21
20	138.12	145.62	145.62
25	175.27	184.50	184.50
30	213.86	224.94	224.94
35	253.05	266.02	266.02
40	291.97	306.85	306.85
45	329.86	346.60	346.60
50	365.98	384.50	384.50
55	399.75	419.95	419.95
60	430.68	452.41	452.41
65	458.41	481.50	481.50
70	482.66	506.96	506.96
75	503.28	528.60	528.60
80	520.17	546.34	546.34
85	533.30	560.12	560.12
90	542.67	569.95	569.95
95	548.28	575.84	575.84
100	550.15	577.80	577.80
105	548.28	575.84	575.84
110	542.67	569.95	569.95
115	533.30	560.12	560.12
120	520.17	546.34	546.34
125	503.28	528.60	528.60
130	482.66	506.96	506.96
135	458.41	481.50	481.50
140	430.68	452.41	452.41
145	399.75	419.95	419.95
150	365.98	384.51	384.51
155	329.86	346.60	346.60
160	291.97	306.85	306.85
165	253.05	266.02	266.02
170	213.86	224.94	224.94
175	175.27	184.50	184.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	138.13	145.62	145.62
185	103.26	109.21	109.21
190	71.44	76.14	76.14
195	43.29	47.30	47.30
200	19.30	24.14	34.67
205	0.21	13.11	46.67
210	15.14	20.60	32.31
215	25.55	29.86	29.86
220	31.70	35.77	35.77
225	34.01	38.04	38.04
230	33.01	37.06	37.06
235	29.34	33.48	33.48
240	23.66	28.09	28.09
245	16.69	21.88	21.88
250	9.08	16.21	16.21
255	1.49	13.20	13.20
260	5.54	14.34	14.34
265	11.51	17.83	17.83
270	16.06	21.36	21.36
275	18.90	23.78	23.78
280	19.87	24.64	24.64
285	18.90	23.78	23.78
290	16.06	21.36	21.36
295	11.51	17.83	17.83
300	5.54	14.34	14.34
305	1.49	13.20	13.20
310	9.08	16.21	16.21
315	16.69	21.88	21.88
320	23.66	28.09	28.09
325	29.34	33.48	33.48
330	33.01	37.06	37.06
335	34.01	38.04	38.04
340	31.70	35.77	35.77
345	25.55	29.86	29.86
350	15.14	20.60	20.60
355	0.21	13.11	16.57

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.

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17 Oct 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission