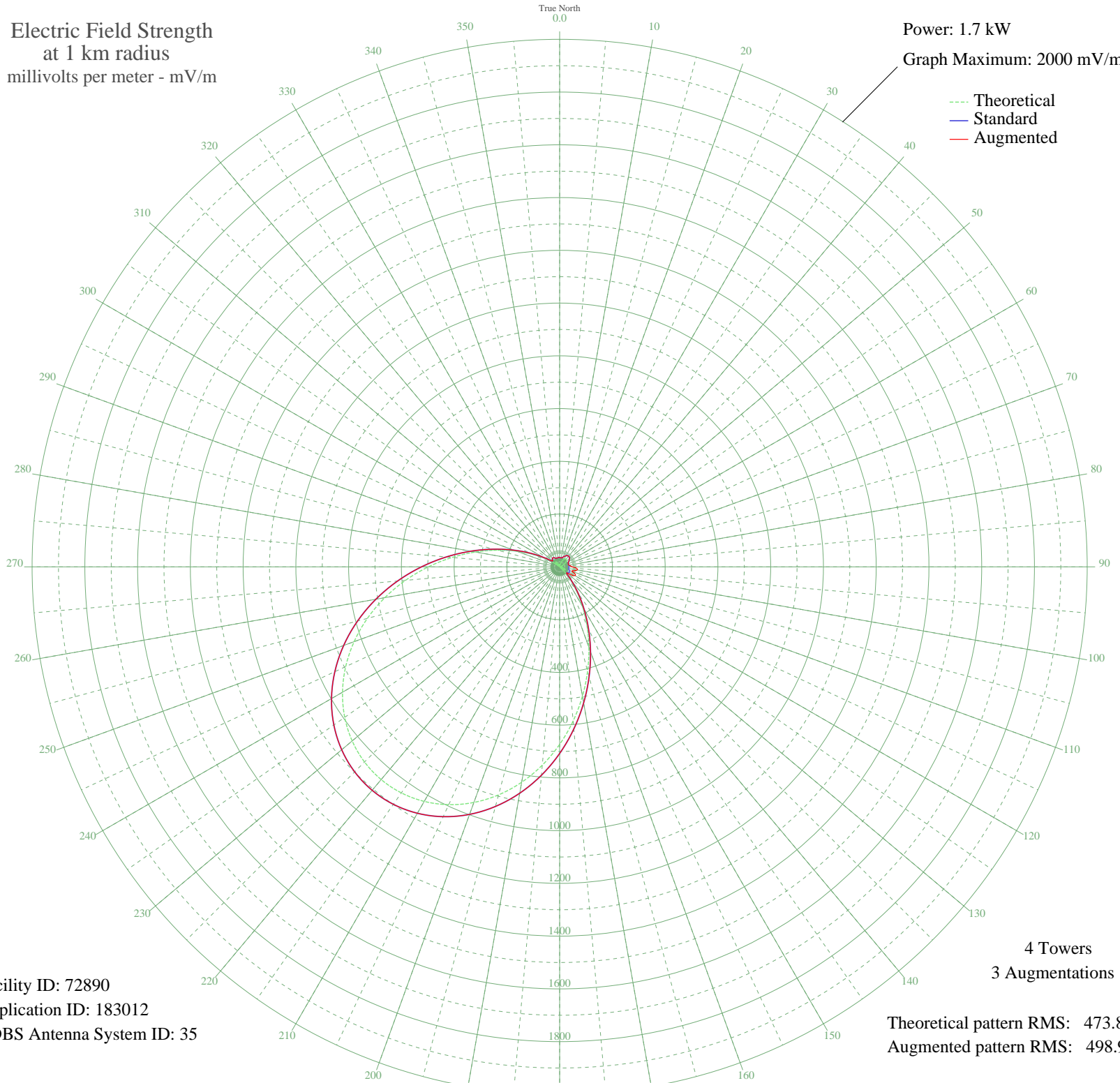


# WIJR HIGHLAND, IL BL-19930323AA 880 kHz

Daytime

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

Power: 1.7 kW  
Graph Maximum: 2000 mV/m



Facility ID: 72890  
Application ID: 183012  
CDBS Antenna System ID: 35

Theoretical pattern RMS: 473.88  
Augmented pattern RMS: 498.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	9.00	35.62	35.62
5	4.43	34.65	34.65
10	2.36	34.43	34.43
15	10.46	36.05	36.05
20	18.88	39.65	39.65
25	26.64	44.29	44.29
30	32.88	48.69	48.69
35	36.91	51.78	51.78
40	38.30	52.88	52.88
45	36.91	51.78	51.78
50	32.88	48.69	48.69
55	26.64	44.29	44.29
60	18.88	39.65	39.65
65	10.46	36.05	36.05
70	2.36	34.43	34.43
75	4.43	34.65	34.65
80	9.00	35.62	35.62
85	10.70	36.13	42.10
90	9.20	35.67	48.27
95	4.65	34.69	64.46
100	2.33	34.43	67.68
105	10.54	36.08	56.16
110	18.33	39.37	50.32
115	23.63	42.37	64.75
120	24.19	42.71	66.53
125	17.72	39.06	51.50
130	2.18	34.42	34.58
135	24.05	42.63	42.63
140	61.96	73.57	73.57
145	111.80	122.31	122.31
150	173.03	184.90	184.90
155	244.38	258.89	258.89
160	323.93	341.86	341.86
165	409.28	431.11	431.11
170	497.75	523.76	523.76
175	586.56	616.84	616.84

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	673.01	707.49	707.49
185	754.62	793.09	793.09
190	829.22	871.36	871.36
195	895.00	940.38	940.38
200	950.52	998.64	998.64
205	994.71	1045.01	1045.01
210	1026.77	1078.65	1078.65
215	1046.19	1099.04	1099.04
220	1052.70	1105.87	1105.87
225	1046.19	1099.04	1099.04
230	1026.77	1078.65	1078.65
235	994.71	1045.01	1045.01
240	950.52	998.64	998.64
245	895.00	940.38	940.38
250	829.22	871.36	871.36
255	754.62	793.09	793.09
260	673.01	707.49	707.49
265	586.56	616.84	616.84
270	497.75	523.76	523.76
275	409.28	431.11	431.11
280	323.93	341.86	341.86
285	244.38	258.89	258.89
290	173.03	184.90	184.90
295	111.80	122.31	122.31
300	61.96	73.57	73.57
305	24.05	42.63	42.63
310	2.18	34.42	34.42
315	17.72	39.06	39.06
320	24.19	42.71	42.71
325	23.63	42.37	42.37
330	18.33	39.37	39.37
335	10.54	36.08	36.08
340	2.33	34.43	34.43
345	4.65	34.69	34.69
350	9.20	35.67	35.67
355	10.70	36.13	36.13

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission