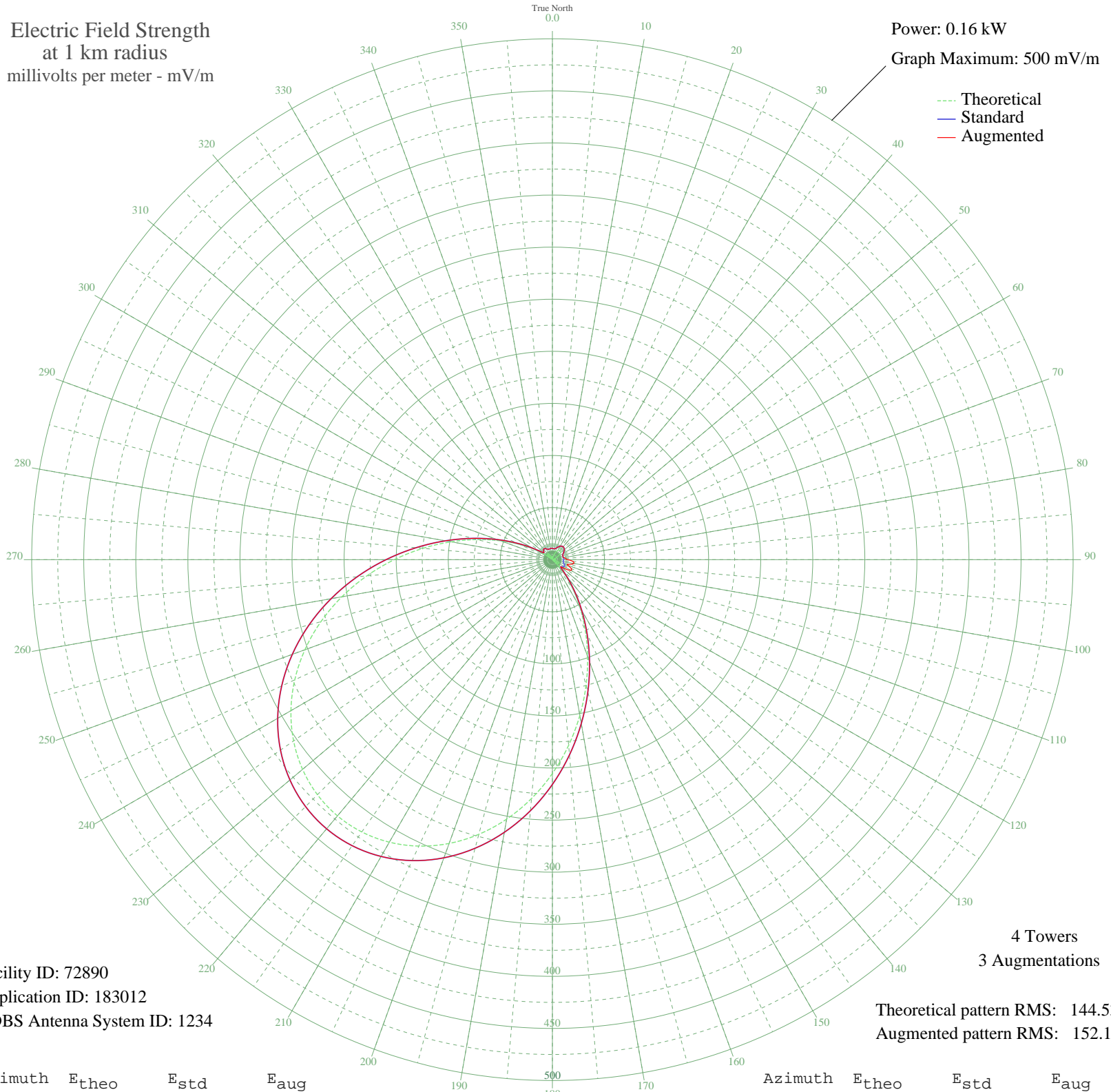


# WIJR HIGHLAND, IL BL-19930323AA 880 kHz

Nighttime

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

Power: 0.16 kW  
Graph Maximum: 500 mV/m



Facility ID: 72890  
Application ID: 183012  
CDBS Antenna System ID: 1234

4 Towers  
3 Augmentations

Theoretical pattern RMS: 144.53  
Augmented pattern RMS: 152.19

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2.74	10.89	10.89
5	1.35	10.60	10.60
10	0.72	10.53	10.53
15	3.19	11.02	11.02
20	5.76	12.12	12.12
25	8.13	13.53	13.53
30	10.03	14.87	14.87
35	11.26	15.81	15.81
40	11.68	16.15	16.15
45	11.26	15.81	15.81
50	10.03	14.87	14.87
55	8.13	13.53	13.53
60	5.76	12.12	12.12
65	3.19	11.02	11.02
70	0.72	10.53	10.53
75	1.35	10.60	10.60
80	2.74	10.89	10.89
85	3.26	11.04	12.90
90	2.81	10.91	14.79
95	1.42	10.60	19.78
100	0.71	10.53	20.77
105	3.22	11.03	17.22
110	5.59	12.03	15.43
115	7.21	12.94	19.90
120	7.38	13.05	20.44
125	5.40	11.94	15.80
130	0.66	10.52	10.57
135	7.34	13.02	13.02
140	18.90	22.45	22.45
145	34.10	37.31	37.31
150	52.77	56.40	56.40
155	74.53	78.96	78.96
160	98.80	104.27	104.27
165	124.83	131.49	131.49
170	151.81	159.75	159.75
175	178.90	188.13	188.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	205.26	215.78	215.78
185	230.15	241.89	241.89
190	252.91	265.76	265.76
195	272.97	286.81	286.81
200	289.90	304.58	304.58
205	303.38	318.72	318.72
210	313.16	328.98	328.98
215	319.08	335.20	335.20
220	321.07	337.28	337.28
225	319.08	335.20	335.20
230	313.16	328.98	328.98
235	303.38	318.72	318.72
240	289.90	304.58	304.58
245	272.97	286.81	286.81
250	252.91	265.76	265.76
255	230.15	241.89	241.89
260	205.26	215.78	215.78
265	178.90	188.13	188.13
270	151.81	159.75	159.75
275	124.83	131.49	131.49
280	98.80	104.27	104.27
285	74.53	78.96	78.96
290	52.77	56.40	56.40
295	34.10	37.31	37.31
300	18.90	22.45	22.45
305	7.34	13.02	13.02
310	0.66	10.52	10.52
315	5.40	11.94	11.94
320	7.38	13.05	13.05
325	7.21	12.94	12.94
330	5.59	12.03	12.03
335	3.22	11.03	11.03
340	0.71	10.53	10.53
345	1.42	10.60	10.60
350	2.81	10.91	10.91
355	3.26	11.04	11.04

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission