

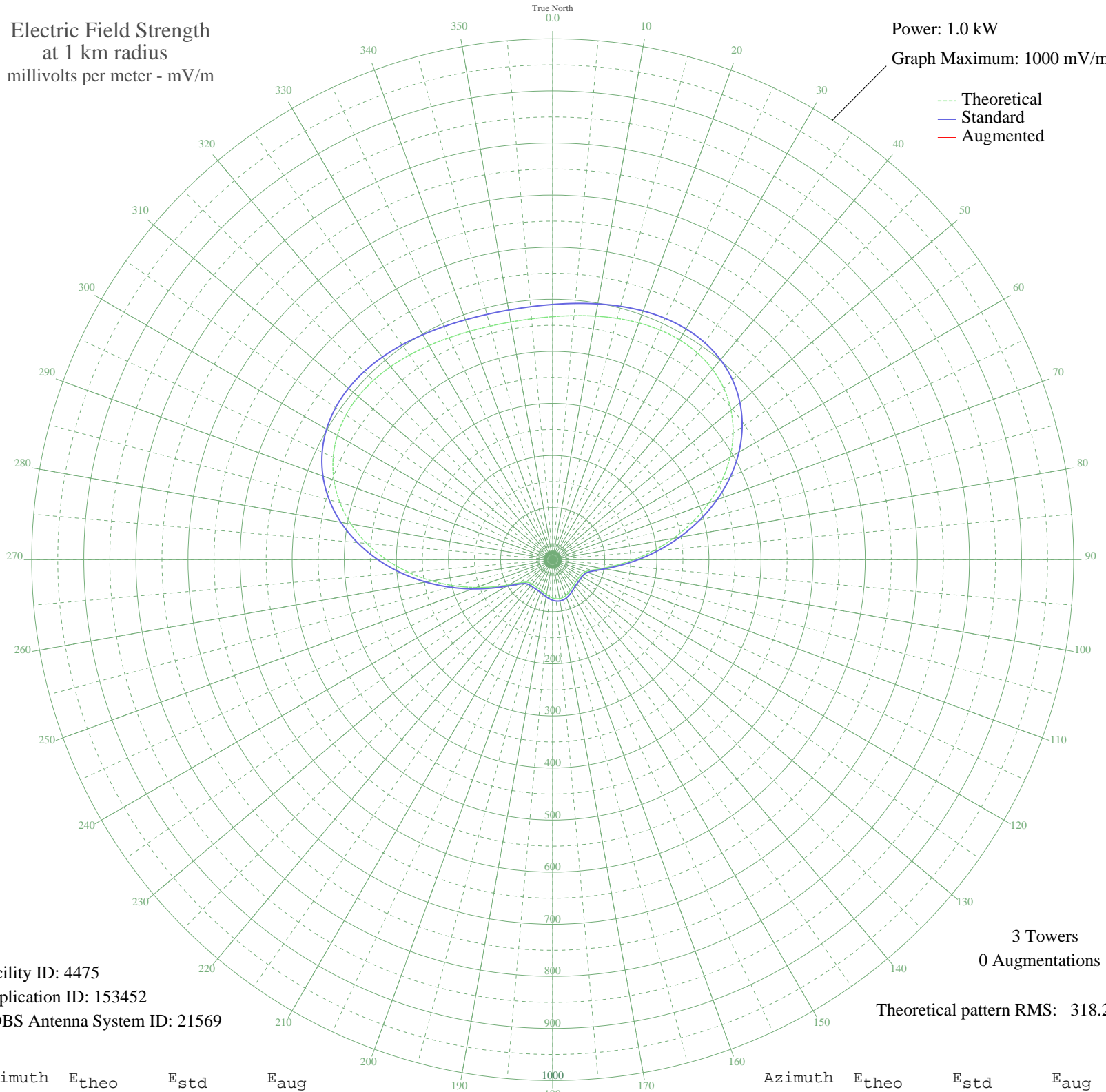
WBEV BEAVER DAM, WI BL-19901011AB 1430 kHz

Nighttime

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: 4475  
Application ID: 153452  
CDBS Antenna System ID: 21569

3 Towers  
0 Augmentations

Theoretical pattern RMS: 318.27

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	466.53	489.97	
5	470.21	493.83	
10	474.74	498.59	
15	479.53	503.62	
20	483.82	508.12	
25	486.70	511.15	
30	487.22	511.68	
35	484.35	508.67	
40	477.15	501.12	
45	464.81	488.17	
50	446.77	469.23	
55	422.79	444.06	
60	393.06	412.85	
65	358.20	376.25	
70	319.27	335.39	
75	277.72	291.80	
80	235.33	247.31	
85	194.01	203.99	
90	155.79	163.92	
95	122.61	129.17	
100	96.22	101.57	
105	77.82	82.38	
110	67.29	71.43	
115	62.71	66.68	
120	61.29	65.20	
125	61.01	64.92	
130	61.12	65.03	
135	61.66	65.59	
140	62.95	66.92	
145	65.10	69.16	
150	67.91	72.08	
155	70.91	75.19	
160	73.53	77.92	
165	75.32	79.78	
170	75.95	80.43	
175	75.32	79.78	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	73.53	77.92	
185	70.91	75.19	
190	67.91	72.08	
195	65.10	69.16	
200	62.95	66.92	
205	61.66	65.59	
210	61.12	65.03	
215	61.01	64.92	
220	61.29	65.20	
225	62.71	66.68	
230	67.29	71.43	
235	77.82	82.38	
240	96.22	101.57	
245	122.61	129.17	
250	155.79	163.92	
255	194.01	203.98	
260	235.32	247.31	
265	277.72	291.80	
270	319.26	335.39	
275	358.20	376.25	
280	393.06	412.85	
285	422.79	444.06	
290	446.77	469.23	
295	464.81	488.17	
300	477.15	501.12	
305	484.35	508.67	
310	487.22	511.68	
315	486.70	511.15	
320	483.82	508.12	
325	479.53	503.62	
330	474.74	498.59	
335	470.21	493.83	
340	466.53	489.97	
345	464.15	487.47	
350	463.33	486.61	
355	464.15	487.47	