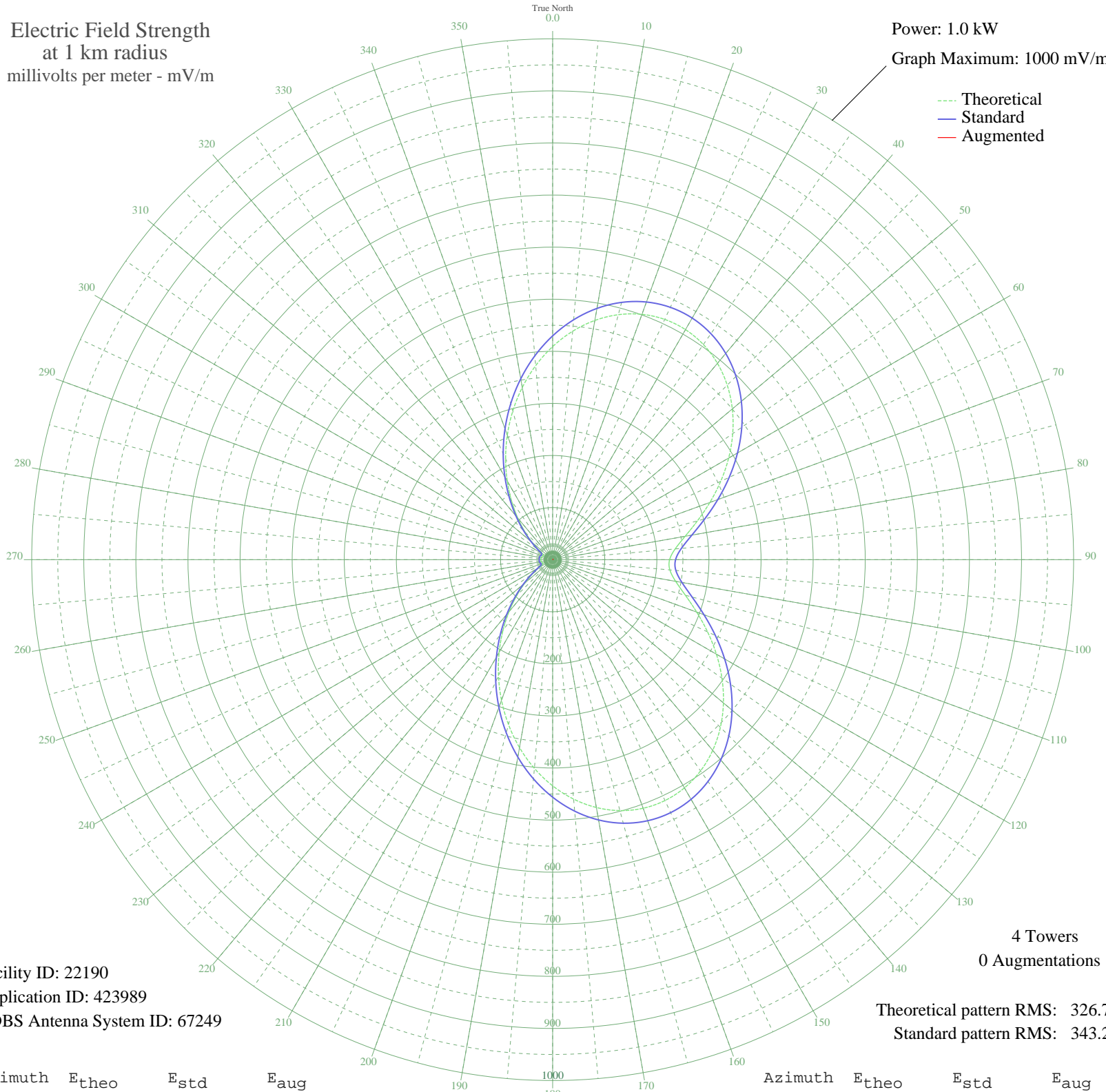


# WWLS MOORE, OK BL-19991123AFU 640 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 22190  
Application ID: 423989  
CDBS Antenna System ID: 67249

4 Towers  
0 Augmentations

Theoretical pattern RMS: 326.70  
Standard pattern RMS: 343.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	409.12	429.71	
5	440.22	462.35	
10	466.39	489.83	
15	486.92	511.38	
20	501.25	526.42	
25	509.01	534.56	
30	510.02	535.63	
35	504.32	529.64	
40	492.13	516.85	
45	473.89	497.69	
50	450.22	472.84	
55	421.94	443.16	
60	390.10	409.74	
65	355.96	373.91	
70	321.14	337.36	
75	287.67	302.24	
80	258.21	271.33	
85	236.02	248.05	
90	224.49	235.95	
95	225.82	237.35	
100	239.75	251.96	
105	263.70	277.08	
110	294.21	309.10	
115	328.13	344.70	
120	362.95	381.25	
125	396.73	416.70	
130	427.94	449.46	
135	455.35	478.23	
140	477.98	501.99	
145	495.03	519.89	
150	505.93	531.33	
155	510.29	535.90	
160	507.90	533.40	
165	498.79	523.84	
170	483.17	507.44	
175	461.45	484.64	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	434.22	456.05	
185	402.22	422.46	
190	366.35	384.81	
195	327.63	344.17	
200	287.13	301.67	
205	246.00	258.51	
210	205.39	215.92	
215	166.42	175.05	
220	130.13	137.04	
225	97.48	102.89	
230	69.32	73.54	
235	46.49	49.93	
240	29.99	33.19	
245	21.20	24.62	
250	19.65	23.15	
255	21.04	24.46	
260	22.21	25.58	
265	22.56	25.91	
270	22.49	25.84	
275	22.45	25.80	
280	22.39	25.75	
285	21.84	25.23	
290	20.52	23.97	
295	19.44	22.96	
300	22.36	25.72	
305	32.91	36.12	
310	50.84	54.41	
315	74.84	79.28	
320	103.96	109.66	
325	137.40	144.65	
330	174.29	183.31	
335	213.66	224.59	
340	254.45	267.38	
345	295.53	310.48	
350	335.75	352.69	
355	373.97	392.81	

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