

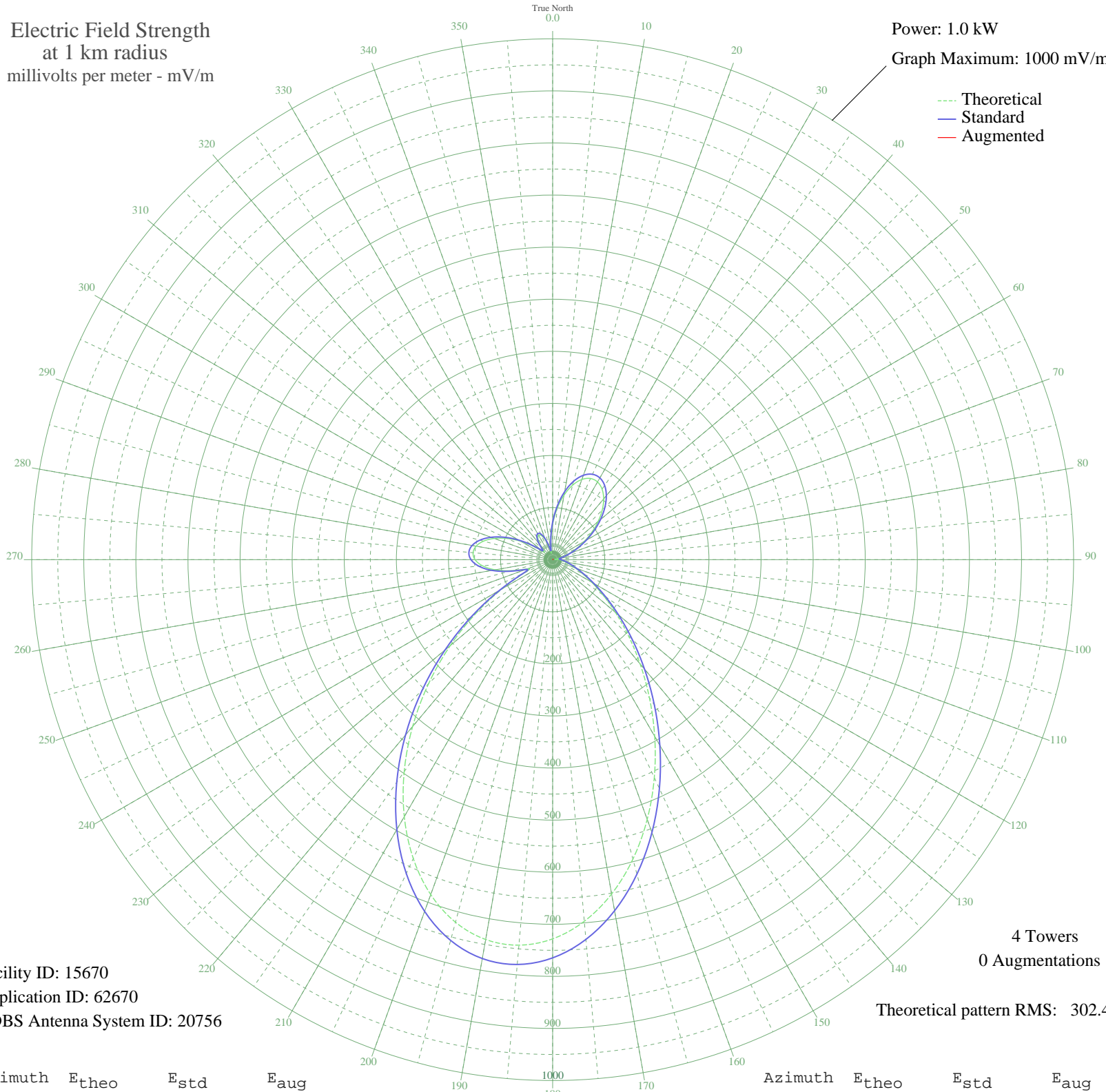
WLRM MILLINGTON, TN BL-19831101AE 1380 kHz

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: 15670  
Application ID: 62670  
CDBS Antenna System ID: 20756

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 302.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	67.84	72.10	
5	98.23	103.74	
10	125.72	132.48	
15	148.12	155.92	
20	163.82	172.37	
25	171.93	180.87	
30	172.27	181.23	
35	165.36	173.98	
40	152.28	160.28	
45	134.51	141.67	
50	113.76	119.97	
55	91.76	96.99	
60	70.07	74.41	
65	50.01	53.68	
70	32.49	35.89	
75	18.08	22.01	
80	7.28	13.50	
85	5.27	12.43	
90	11.25	16.23	
95	17.48	21.47	
100	24.38	27.92	
105	33.22	36.61	
110	45.46	49.01	
115	62.64	66.71	
120	86.23	91.22	
125	117.40	123.77	
130	156.92	165.14	
135	204.97	215.51	
140	261.05	274.33	
145	323.95	340.33	
150	391.70	411.44	
155	461.66	484.88	
160	530.67	557.31	
165	595.22	625.08	
170	651.76	684.44	
175	696.98	731.92	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	728.06	764.55	
185	742.96	780.18	
190	740.54	777.64	
195	720.68	756.80	
200	684.28	718.58	
205	633.09	664.84	
210	569.62	598.21	
215	496.89	521.86	
220	418.21	439.26	
225	336.97	353.99	
230	256.51	269.56	
235	180.12	189.46	
240	111.66	117.77	
245	59.52	63.48	
250	51.47	55.17	
255	81.36	86.15	
260	112.20	118.33	
265	135.22	142.41	
270	148.93	156.77	
275	153.37	161.42	
280	149.17	157.02	
285	137.33	144.62	
290	119.16	125.61	
295	96.27	101.69	
300	70.61	74.97	
305	44.85	48.39	
310	24.54	28.07	
315	24.19	27.73	
320	37.76	41.18	
325	49.13	52.78	
330	53.98	57.76	
335	50.98	54.67	
340	40.07	43.53	
345	22.79	26.39	
350	13.56	18.08	
355	37.42	40.84	