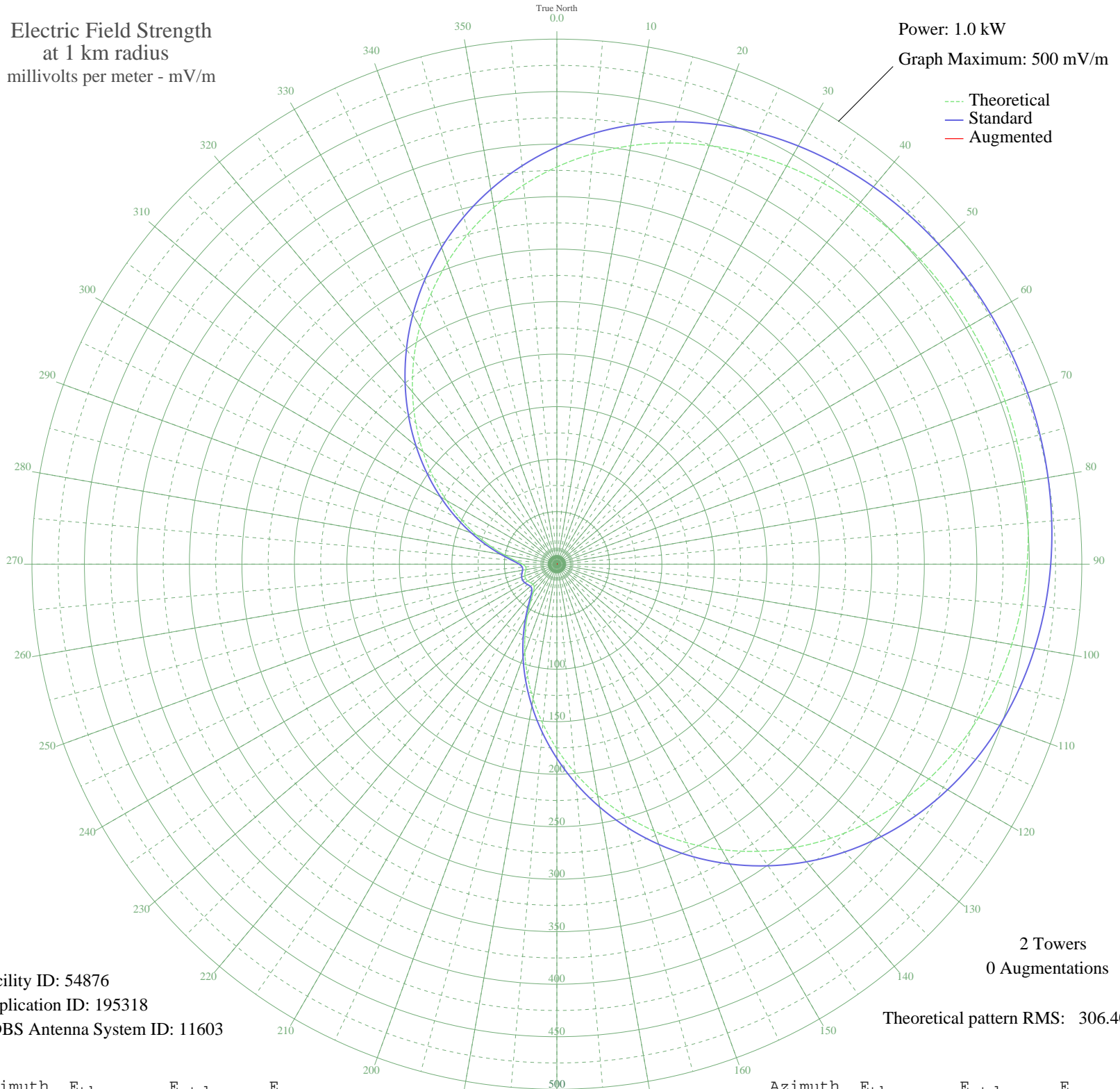


# WAGE LEESBURG, VA BL-19940228DA 1200 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 54876  
Application ID: 195318  
CDBS Antenna System ID: 11603

Theoretical pattern RMS: 306.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	378.28	397.34	
5	392.33	412.08	
10	404.63	424.99	
15	415.24	436.13	
20	424.23	445.57	
25	431.73	453.44	
30	437.85	459.87	
35	442.76	465.02	
40	446.61	469.06	
45	449.53	472.12	
50	451.67	474.37	
55	453.14	475.91	
60	454.02	476.83	
65	454.37	477.20	
70	454.22	477.05	
75	453.55	476.35	
80	452.33	475.06	
85	450.47	473.11	
90	447.88	470.39	
95	444.42	466.76	
100	439.96	462.07	
105	434.33	456.17	
110	427.40	448.90	
115	419.02	440.10	
120	409.07	429.66	
125	397.46	417.46	
130	384.11	403.45	
135	369.02	387.62	
140	352.22	369.98	
145	333.79	350.64	
150	313.87	329.73	
155	292.63	307.44	
160	270.30	284.01	
165	247.15	259.72	
170	223.47	234.88	
175	199.60	209.84	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	175.85	184.94	
185	152.59	160.56	
190	130.15	137.06	
195	108.89	114.82	
200	89.17	94.22	
205	71.38	75.68	
210	56.00	59.73	
215	43.61	46.98	
220	34.96	38.18	
225	30.51	33.72	
230	29.67	32.87	
235	30.74	33.94	
240	32.10	35.30	
245	32.80	36.01	
250	32.49	35.70	
255	31.32	34.52	
260	29.97	33.17	
265	29.82	33.03	
270	32.68	35.88	
275	39.66	42.95	
280	50.64	54.20	
285	64.91	68.96	
290	81.80	86.53	
295	100.80	106.36	
300	121.49	127.99	
305	143.50	151.04	
310	166.47	175.11	
315	190.06	199.84	
320	213.93	224.87	
325	237.72	249.83	
330	261.12	274.38	
335	283.81	298.19	
340	305.52	320.97	
345	325.99	342.46	
350	345.04	362.45	
355	362.51	380.78	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission