

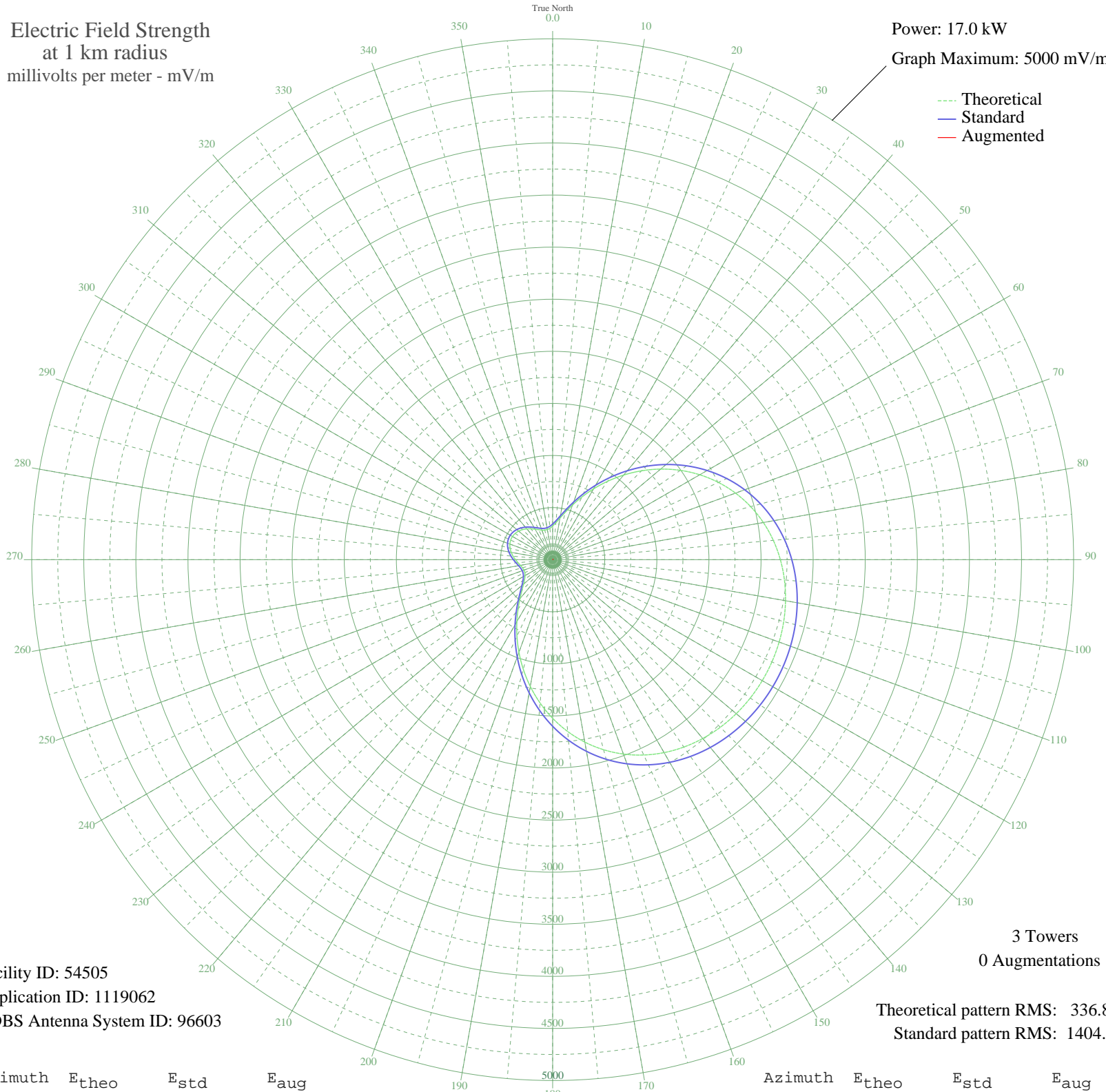
WIXC TITUSVILLE, FL BL-20051209AGK 1060 kHz

Critical Hours

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

Power: 17.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 54505
Application ID: 1119062
CDBS Antenna System ID: 96603

3 Towers
0 Augmentations
Theoretical pattern RMS: 336.85
Standard pattern RMS: 1404.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	322.75	341.49	
5	355.75	375.91	
10	404.74	427.06	
15	472.05	497.44	
20	558.57	588.01	
25	663.46	697.90	
30	784.37	824.66	
35	917.90	964.72	
40	1060.00	1113.80	
45	1206.36	1267.37	
50	1352.69	1420.95	
55	1495.05	1570.37	
60	1630.04	1712.07	
65	1754.95	1843.18	
70	1867.83	1961.67	
75	1967.50	2066.30	
80	2053.49	2156.58	
85	2125.95	2232.65	
90	2185.47	2295.13	
95	2232.93	2344.95	
100	2269.36	2383.21	
105	2295.80	2410.96	
110	2313.12	2429.15	
115	2322.00	2438.47	
120	2322.80	2439.31	
125	2315.56	2431.70	
130	2299.97	2415.33	
135	2275.42	2389.56	
140	2241.06	2353.50	
145	2195.89	2306.07	
150	2138.87	2246.21	
155	2069.06	2172.92	
160	1985.79	2085.51	
165	1888.84	1983.73	
170	1778.54	1867.94	
175	1655.91	1739.21	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1522.74	1599.43	
185	1381.60	1451.29	
190	1235.76	1298.23	
195	1089.07	1144.30	
200	945.77	993.95	
205	810.19	851.74	
210	686.45	722.01	
215	578.14	608.51	
220	487.82	513.95	
225	416.69	439.55	
230	364.18	384.71	
235	328.21	347.19	
240	305.90	323.94	
245	294.69	312.28	
250	292.92	310.44	
255	299.58	317.37	
260	313.61	331.97	
265	333.37	352.57	
270	356.64	376.83	
275	380.89	402.15	
280	403.69	425.96	
285	422.92	446.06	
290	436.93	460.70	
295	444.58	468.71	
300	445.29	469.45	
305	438.99	462.86	
310	426.18	449.47	
315	407.88	430.34	
320	385.64	407.11	
325	361.49	381.90	
330	337.82	357.21	
335	317.17	335.68	
340	301.84	319.72	
345	293.61	311.15	
350	293.62	311.16	
355	302.83	320.76	

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau
Federal Communications Commission