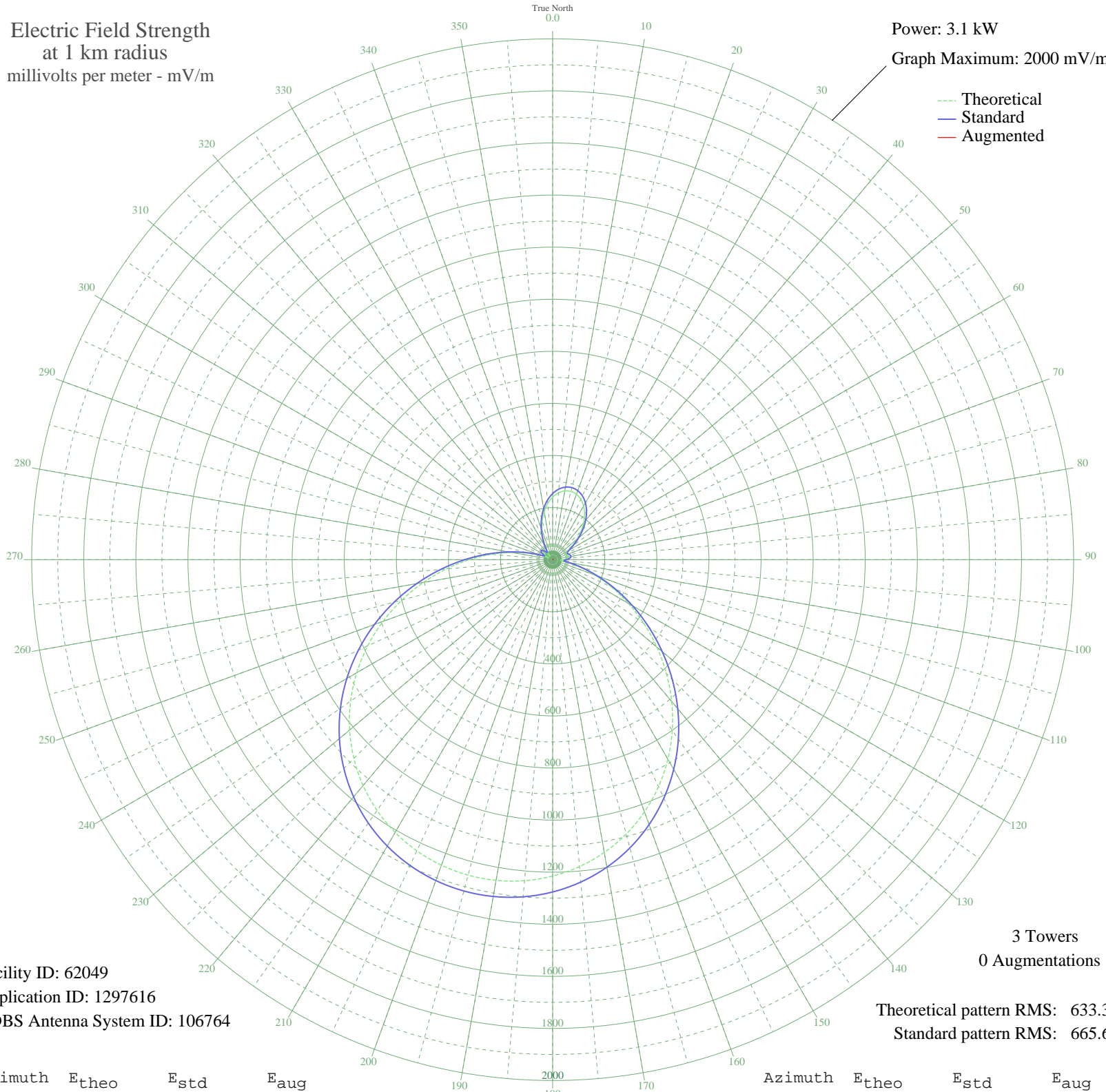


WSFZ JACKSON, MS BL-20090130AVK 930 kHz

Nighttime

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

Power: 3.1 kW  
Graph Maximum: 2000 mV/m



Facility ID: 62049  
Application ID: 1297616  
CDBS Antenna System ID: 106764

3 Towers  
0 Augmentations

Theoretical pattern RMS: 633.35  
Standard pattern RMS: 665.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	240.03	253.75	
5	257.41	271.88	
10	267.90	282.84	
15	271.14	286.21	
20	267.02	281.91	
25	255.76	270.15	
30	237.82	251.45	
35	214.02	226.64	
40	185.47	196.96	
45	153.70	164.05	
50	120.73	130.15	
55	89.44	98.42	
60	64.29	73.64	
65	51.70	61.76	
70	53.31	63.25	
75	59.90	69.44	
80	62.51	71.93	
85	56.80	66.51	
90	42.07	53.09	
95	28.76	42.17	
100	53.07	63.03	
105	105.48	114.60	
110	172.36	183.35	
115	250.00	264.15	
120	335.86	353.88	
125	427.42	449.76	
130	522.11	549.01	
135	617.41	648.95	
140	710.97	747.10	
145	800.67	841.22	
150	884.74	929.45	
155	961.77	1010.28	
160	1030.69	1082.63	
165	1090.80	1145.71	
170	1141.65	1199.09	
175	1183.05	1242.55	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1214.94	1276.03	
185	1237.36	1299.56	
190	1250.39	1313.24	
195	1254.08	1317.11	
200	1248.45	1311.20	
205	1233.48	1295.49	
210	1209.12	1269.91	
215	1175.29	1234.41	
220	1131.98	1188.94	
225	1079.27	1133.62	
230	1017.41	1068.69	
235	946.89	994.67	
240	868.50	912.40	
245	783.35	823.04	
250	692.94	728.19	
255	599.12	629.77	
260	504.05	530.07	
265	410.11	431.62	
270	319.81	337.09	
275	235.67	249.19	
280	160.05	170.62	
285	95.16	104.17	
290	43.40	54.26	
295	16.00	33.90	
300	31.48	44.27	
305	43.89	54.69	
310	45.06	55.73	
315	35.86	47.80	
320	19.94	36.13	
325	20.27	36.33	
330	48.36	58.69	
335	82.85	91.83	
340	119.02	128.39	
345	154.52	164.90	
350	187.50	199.06	
355	216.42	229.14	

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