

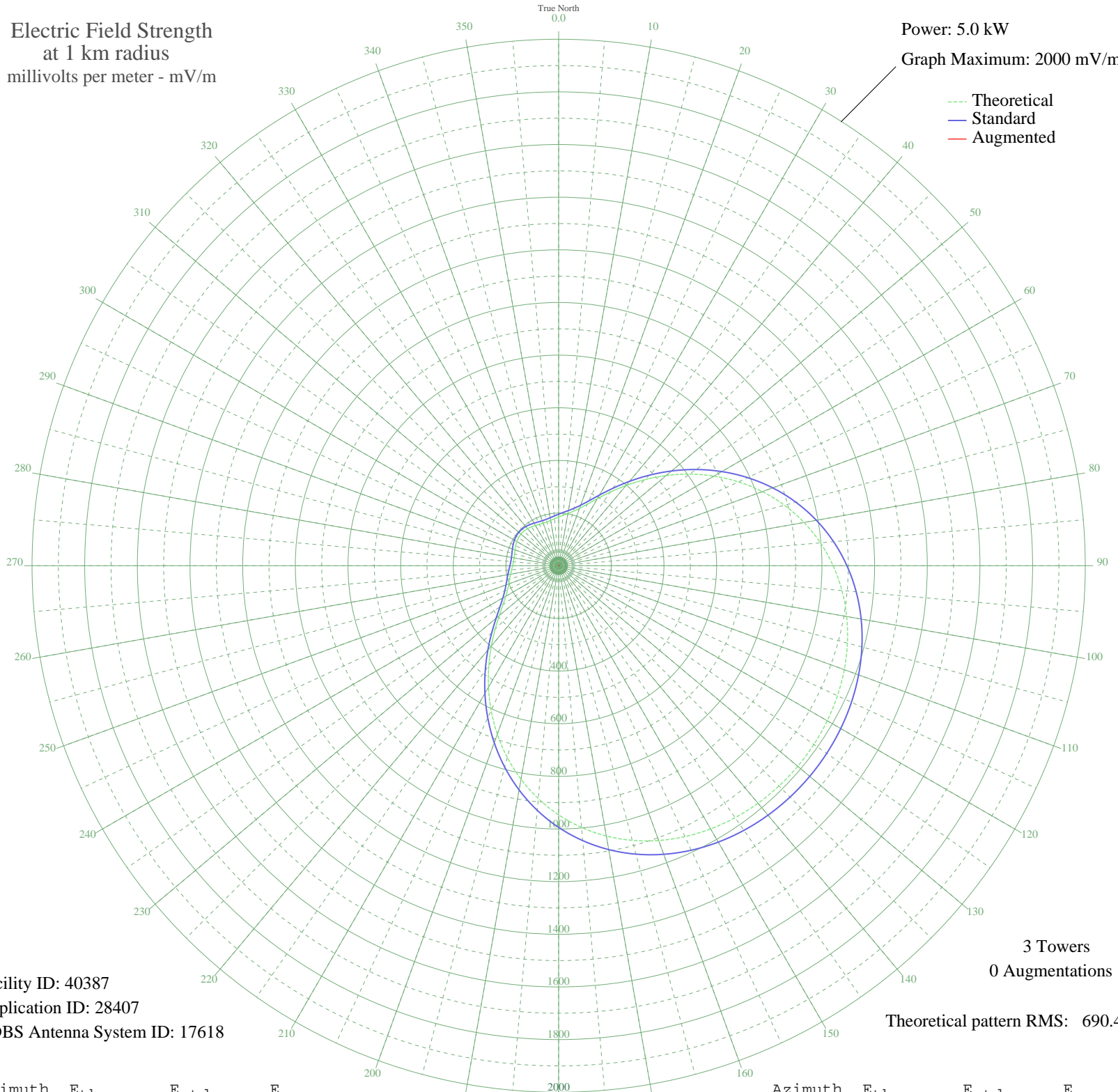
WAUC WAUCHULA, FL BL-19810304AE 1310 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 40387
Application ID: 28407
CDBS Antenna System ID: 17618

3 Towers
0 Augmentations

Theoretical pattern RMS: 690.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	185.19	195.86	
5	192.40	203.38	
10	201.48	212.85	
15	213.91	225.83	
20	231.97	244.70	
25	258.18	272.10	
30	294.38	309.99	
35	341.15	358.98	
40	397.73	418.28	
45	462.36	486.05	
50	532.76	559.89	
55	606.43	637.18	
60	680.89	715.32	
65	753.87	791.91	
70	823.42	864.91	
75	887.97	932.66	
80	946.39	993.99	
85	998.01	1048.17	
90	1042.53	1094.91	
95	1080.02	1134.26	
100	1110.79	1166.57	
105	1135.36	1192.36	
110	1154.33	1212.28	
115	1168.31	1226.95	
120	1177.86	1236.97	
125	1183.39	1242.79	
130	1185.21	1244.69	
135	1183.39	1242.79	
140	1177.86	1236.97	
145	1168.31	1226.95	
150	1154.33	1212.28	
155	1135.36	1192.36	
160	1110.79	1166.57	
165	1080.02	1134.26	
170	1042.53	1094.91	
175	998.01	1048.18	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	946.40	993.99	
185	887.97	932.66	
190	823.42	864.91	
195	753.87	791.91	
200	680.89	715.32	
205	606.43	637.18	
210	532.76	559.89	
215	462.36	486.05	
220	397.73	418.28	
225	341.15	358.98	
230	294.38	309.99	
235	258.18	272.10	
240	231.97	244.70	
245	213.91	225.83	
250	201.48	212.85	
255	192.40	203.38	
260	185.19	195.86	
265	179.31	189.74	
270	174.89	185.13	
275	172.33	182.46	
280	171.89	182.00	
285	173.46	183.64	
290	176.48	186.79	
295	180.13	190.59	
300	183.51	194.11	
305	185.87	196.57	
310	186.72	197.45	
315	185.87	196.57	
320	183.51	194.11	
325	180.13	190.59	
330	176.48	186.79	
335	173.46	183.64	
340	171.89	182.00	
345	172.33	182.46	
350	174.89	185.13	
355	179.31	189.74	

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