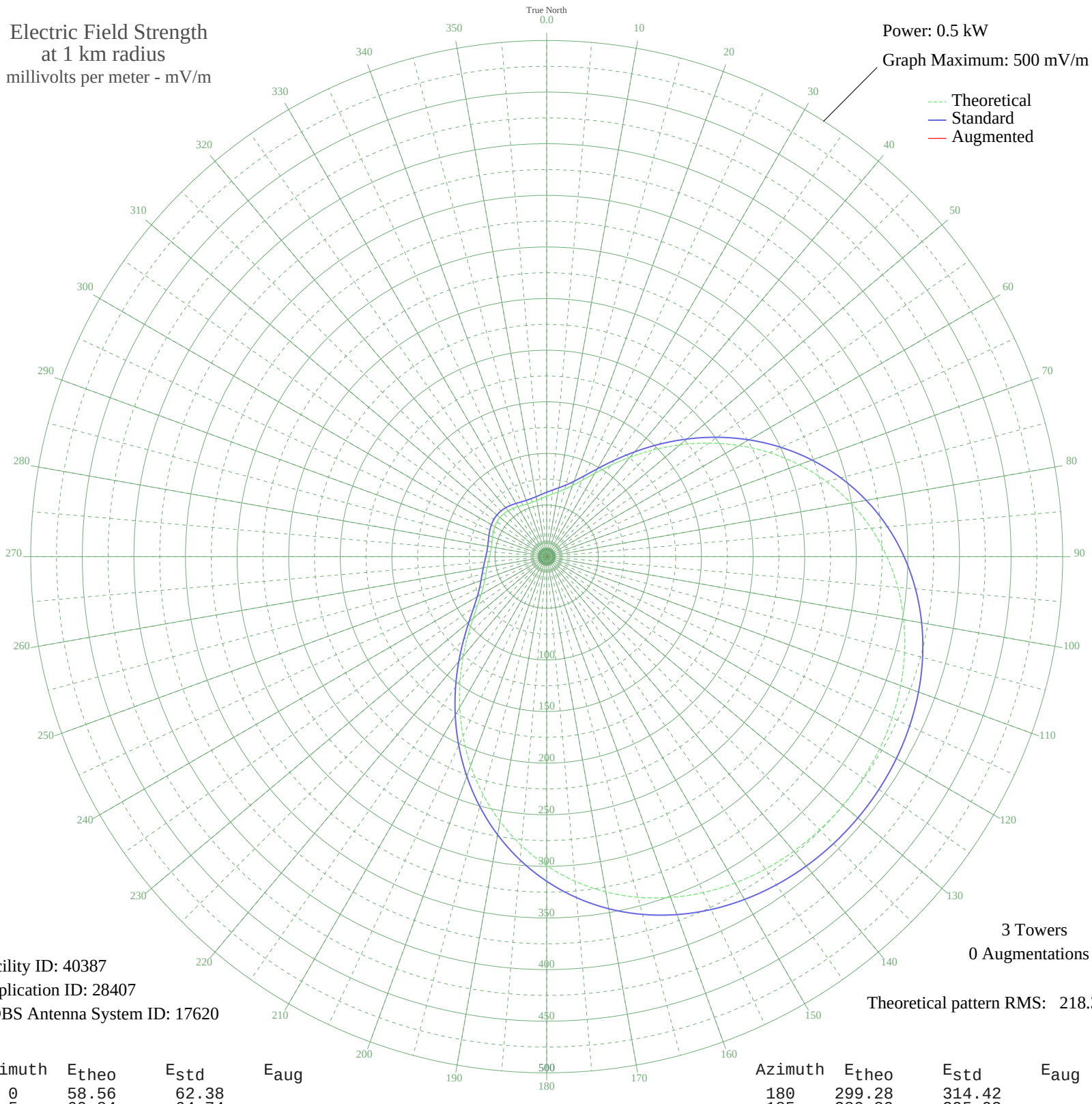
WAUC WAUCHULA, FL BL-19810304AE 1310 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 40387
Application ID: 28407
CDBS Antenna System ID: 17620

Theoretical pattern RMS: 218.33

Azimuth	E_{theo}	E_{std}	E_{aug}
0	58.56	62.38	
5	60.84	64.74	
10	63.71	67.72	
15	67.65	71.80	
20	73.36	77.74	
25	81.64	86.37	
30	93.09	98.31	
35	107.88	113.76	
40	125.78	132.48	
45	146.21	153.88	
50	168.48	177.21	
55	191.77	201.63	
60	215.32	226.33	
65	238.40	250.54	
70	260.39	273.61	
75	280.80	295.03	
80	299.28	314.42	
85	315.60	331.55	
90	329.68	346.33	
95	341.54	358.77	
100	351.27	368.98	
105	359.04	377.14	
110	365.04	383.43	
115	369.46	388.07	
120	372.48	391.24	
125	374.23	393.08	
130	374.80	393.68	
135	374.23	393.08	
140	372.48	391.24	
145	369.46	388.07	
150	365.04	383.43	
155	359.04	377.14	
160	351.27	368.98	
165	341.54	358.77	
170	329.68	346.33	
175	315.60	331.55	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	299.28	314.42	
185	280.80	295.03	
190	260.39	273.61	
195	238.40	250.54	
200	215.32	226.33	
205	191.77	201.63	
210	168.48	177.21	
215	146.21	153.88	
220	125.78	132.48	
225	107.88	113.76	
230	93.09	98.31	
235	81.64	86.37	
240	73.36	77.74	
245	67.65	71.80	
250	63.71	67.72	
255	60.84	64.74	
260	58.56	62.38	
265	56.70	60.46	
270	55.31	59.01	
275	54.50	58.18	
280	54.36	58.03	
285	54.85	58.55	
290	55.81	59.53	
295	56.96	60.73	
300	58.03	61.83	
305	58.78	62.60	
310	59.05	62.88	
315	58.78	62.60	
320	58.03	61.83	
325	56.96	60.73	
330	55.81	59.53	
335	54.85	58.55	
340	54.36	58.03	
345	54.50	58.18	
350	55.31	59.01	
355	56.70	60.46	

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

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Federal Communications Commission