

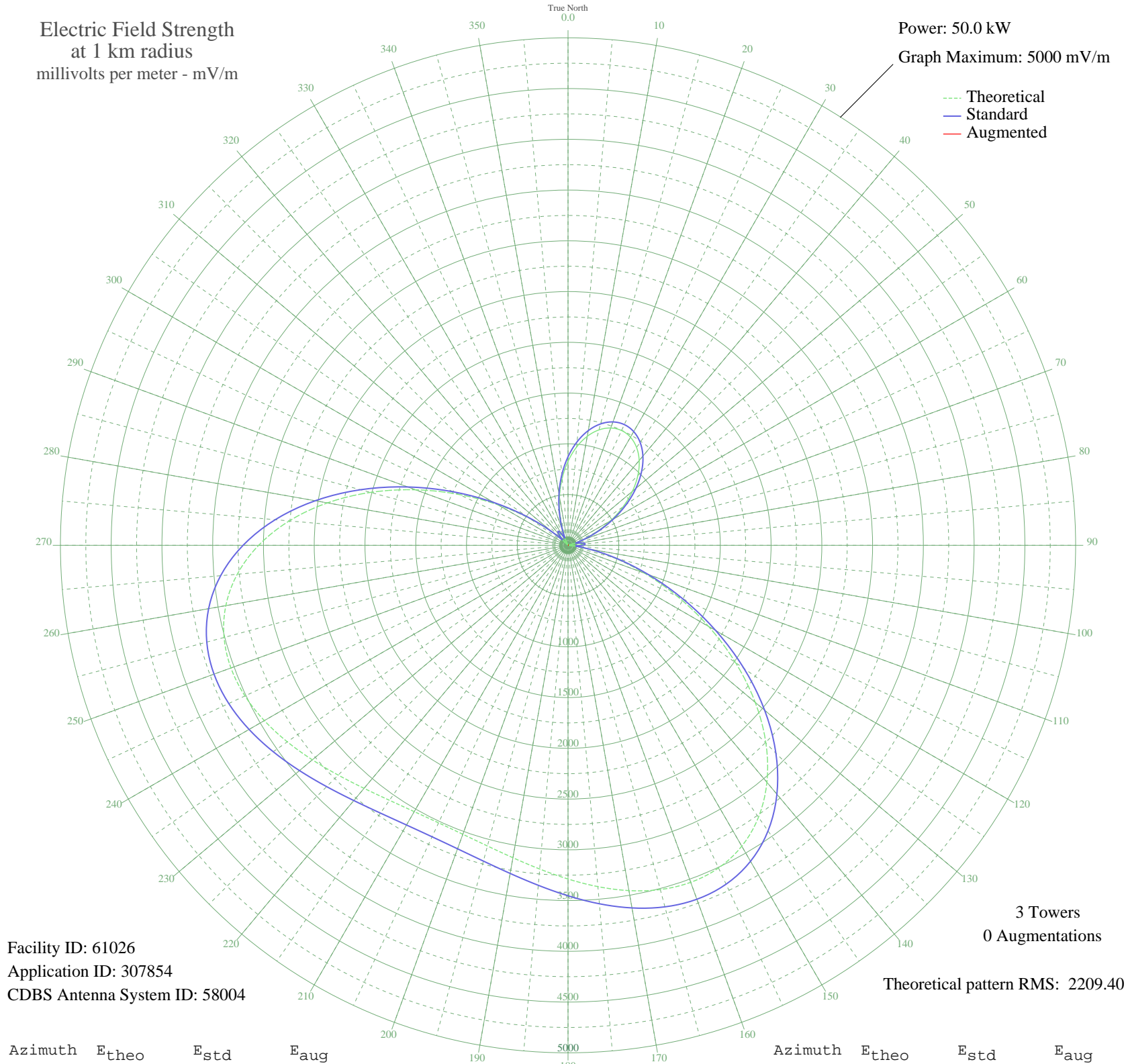
**- GRAND TURK, - Turks and Caicos Islands -- 1020 kHz**

**Nighttime**

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 61026  
Application ID: 307854  
CDBS Antenna System ID: 58004

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2209.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	827.60	872.15	
5	972.67	1024.00	
10	1090.59	1147.52	
15	1177.25	1238.34	
20	1230.13	1293.77	
25	1247.90	1312.39	
30	1230.13	1293.77	
35	1177.25	1238.34	
40	1090.59	1147.52	
45	972.67	1024.00	
50	827.60	872.15	
55	661.45	698.48	
60	482.66	512.21	
65	302.23	325.91	
70	133.54	158.66	
75	8.14	74.74	
80	106.77	134.46	
85	146.95	171.23	
90	115.78	142.45	
95	4.71	74.41	
100	188.87	211.75	
105	460.56	489.25	
110	798.84	842.06	
115	1185.85	1247.35	
120	1599.15	1680.75	
125	2014.18	2116.19	
130	2406.95	2528.39	
135	2756.65	2895.44	
140	3047.63	3200.87	
145	3270.60	3434.93	
150	3422.87	3594.79	
155	3507.79	3683.92	
160	3533.46	3710.88	
165	3511.27	3687.58	
170	3454.24	3627.71	
175	3375.61	3545.17	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3287.76	3452.95	
185	3201.49	3362.38	
190	3125.57	3282.69	
195	3066.73	3220.93	
200	3029.62	3181.97	
205	3016.95	3168.67	
210	3029.62	3181.97	
215	3066.73	3220.93	
220	3125.58	3282.69	
225	3201.49	3362.38	
230	3287.76	3452.95	
235	3375.61	3545.17	
240	3454.24	3627.71	
245	3511.27	3687.58	
250	3533.46	3710.88	
255	3507.79	3683.92	
260	3422.87	3594.79	
265	3270.60	3434.93	
270	3047.63	3200.87	
275	2756.65	2895.44	
280	2406.95	2528.39	
285	2014.18	2116.19	
290	1599.15	1680.75	
295	1185.85	1247.35	
300	798.84	842.06	
305	460.56	489.25	
310	188.86	211.75	
315	4.71	74.41	
320	115.78	142.45	
325	146.95	171.23	
330	106.77	134.46	
335	8.14	74.74	
340	133.54	158.66	
345	302.23	325.91	
350	482.66	512.21	
355	661.45	698.48	