

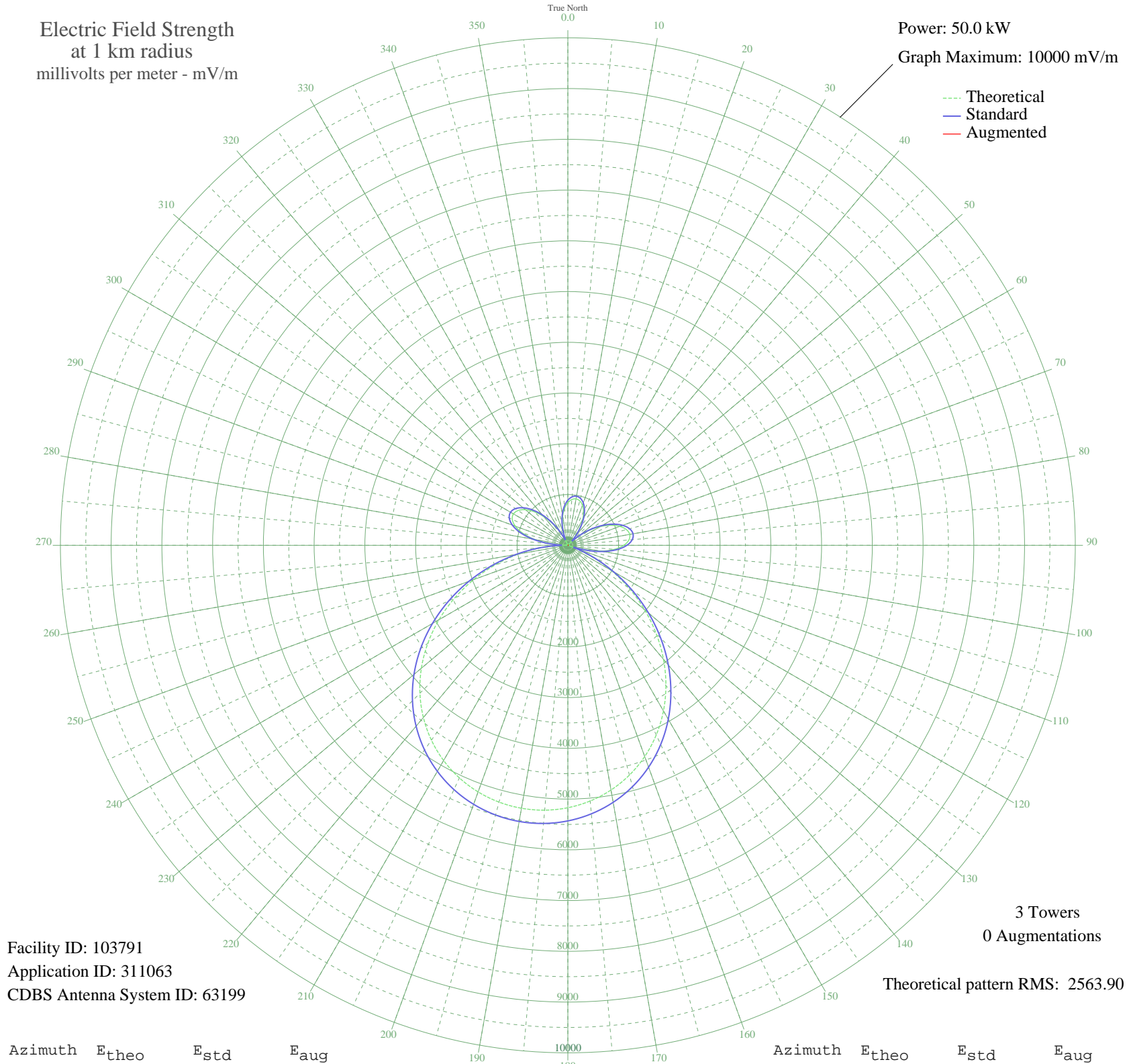
**- GRAND TURK, - Turks and Caicos Islands -- 1320 kHz**

**Nighttime**

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
--- Standard  
--- Augmented



Facility ID: 103791  
Application ID: 311063  
CDBS Antenna System ID: 63199

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2563.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	839.50	888.85	
5	906.02	958.17	
10	928.41	981.51	
15	906.02	958.17	
20	839.50	888.85	
25	730.78	775.79	
30	583.21	622.95	
35	401.62	436.91	
40	192.40	232.12	
45	36.37	120.52	
50	275.01	310.56	
55	512.34	549.97	
60	736.02	781.23	
65	933.02	986.32	
70	1090.25	1150.46	
75	1195.34	1260.30	
80	1237.48	1304.37	
85	1208.24	1273.79	
90	1102.30	1163.04	
95	917.97	970.62	
100	657.43	699.70	
105	326.67	361.55	
110	64.88	133.07	
115	505.06	542.49	
120	979.81	1035.13	
125	1474.19	1552.11	
130	1973.35	2075.17	
135	2463.42	2589.12	
140	2932.23	3080.96	
145	3369.74	3540.07	
150	3768.29	3958.35	
155	4122.56	4330.20	
160	4429.39	4652.27	
165	4687.36	4923.06	
170	4896.37	5142.46	
175	5057.16	5311.25	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	5170.85	5430.59	
185	5238.53	5501.64	
190	5261.00	5525.23	
195	5238.53	5501.64	
200	5170.85	5430.59	
205	5057.16	5311.25	
210	4896.37	5142.46	
215	4687.36	4923.06	
220	4429.39	4652.27	
225	4122.56	4330.20	
230	3768.29	3958.35	
235	3369.74	3540.07	
240	2932.23	3080.96	
245	2463.42	2589.12	
250	1973.35	2075.17	
255	1474.19	1552.11	
260	979.81	1035.13	
265	505.06	542.49	
270	64.88	133.07	
275	326.67	361.55	
280	657.43	699.70	
285	917.97	970.62	
290	1102.30	1163.04	
295	1208.24	1273.79	
300	1237.48	1304.37	
305	1195.34	1260.30	
310	1090.25	1150.46	
315	933.02	986.32	
320	736.02	781.23	
325	512.34	549.97	
330	275.01	310.56	
335	36.37	120.52	
340	192.40	232.12	
345	401.62	436.91	
350	583.21	622.95	
355	730.78	775.79	