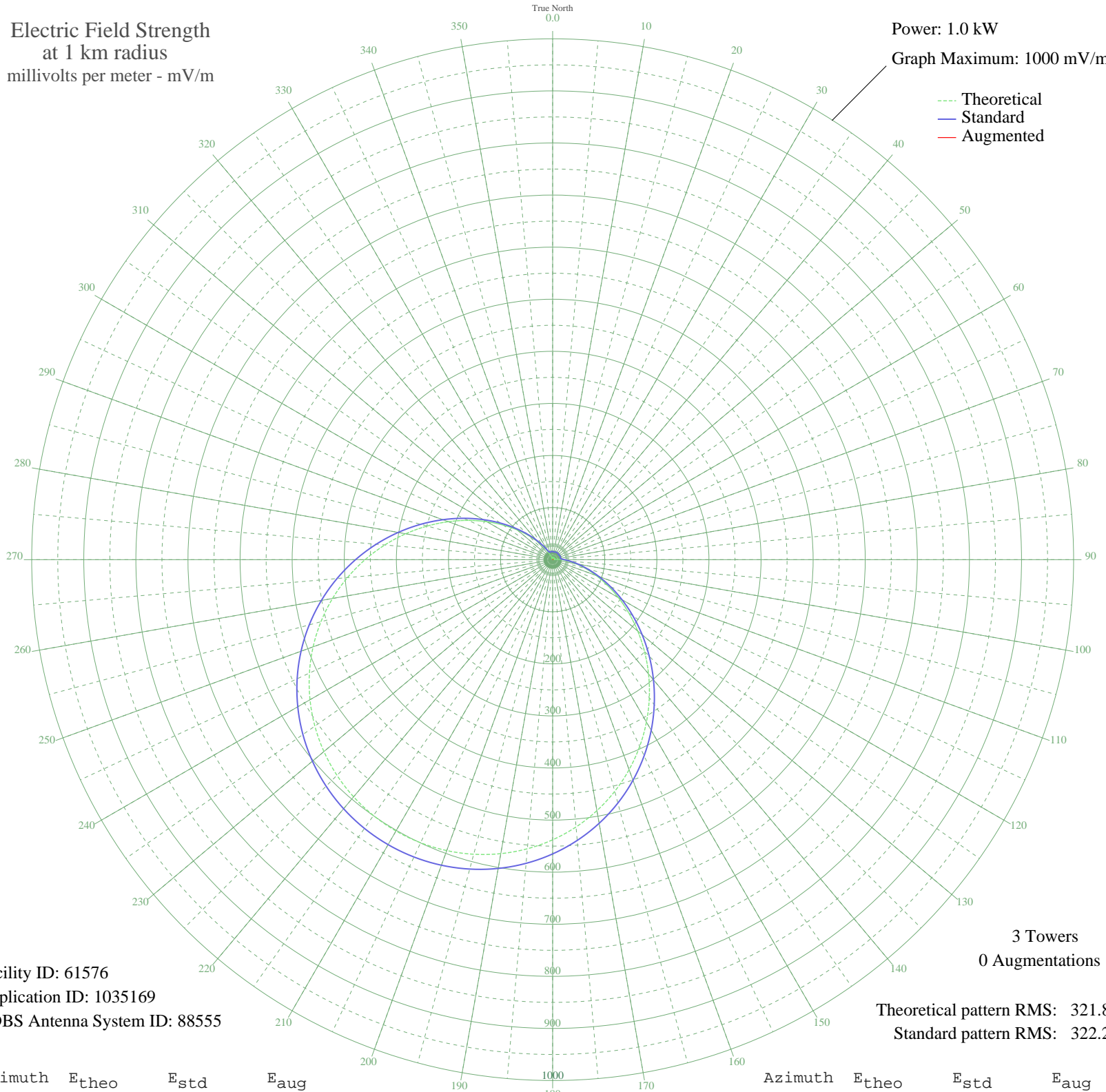


850729AQ ANTHONY, TX BP-19850729AQ 890 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 61576  
Application ID: 1035169  
CDBS Antenna System ID: 88555

Theoretical pattern RMS: 321.80  
Standard pattern RMS: 322.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4.18	15.52	
5	2.23	15.07	
10	0.20	14.89	
15	2.20	15.07	
20	3.96	15.46	
25	5.11	15.83	
30	5.51	15.98	
35	5.11	15.83	
40	3.96	15.46	
45	2.20	15.07	
50	0.20	14.89	
55	2.23	15.07	
60	4.18	15.52	
65	5.41	15.94	
70	5.44	15.95	
75	3.80	15.42	
80	0.20	14.89	
85	6.48	16.37	
90	15.95	22.41	
95	28.76	33.67	
100	45.12	49.66	
105	65.11	69.97	
110	88.69	94.31	
115	115.67	122.36	
120	145.71	153.72	
125	178.39	187.90	
130	213.14	224.30	
135	249.36	262.25	
140	286.36	301.05	
145	323.48	339.98	
150	360.04	378.34	
155	395.43	415.46	
160	429.07	450.77	
165	460.49	483.75	
170	489.29	513.97	
175	515.16	541.12	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	537.85	564.94	
185	557.20	585.25	
190	573.12	601.96	
195	585.52	614.98	
200	594.40	624.30	
205	599.73	629.89	
210	601.50	631.75	
215	599.73	629.89	
220	594.40	624.30	
225	585.52	614.98	
230	573.12	601.96	
235	557.20	585.25	
240	537.85	564.94	
245	515.16	541.12	
250	489.29	513.97	
255	460.49	483.75	
260	429.07	450.77	
265	395.43	415.46	
270	360.04	378.34	
275	323.48	339.98	
280	286.36	301.05	
285	249.36	262.25	
290	213.14	224.30	
295	178.39	187.90	
300	145.71	153.72	
305	115.67	122.36	
310	88.69	94.31	
315	65.11	69.97	
320	45.12	49.66	
325	28.76	33.67	
330	15.95	22.41	
335	6.48	16.37	
340	0.20	14.89	
345	3.80	15.42	
350	5.44	15.95	
355	5.41	15.94	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission