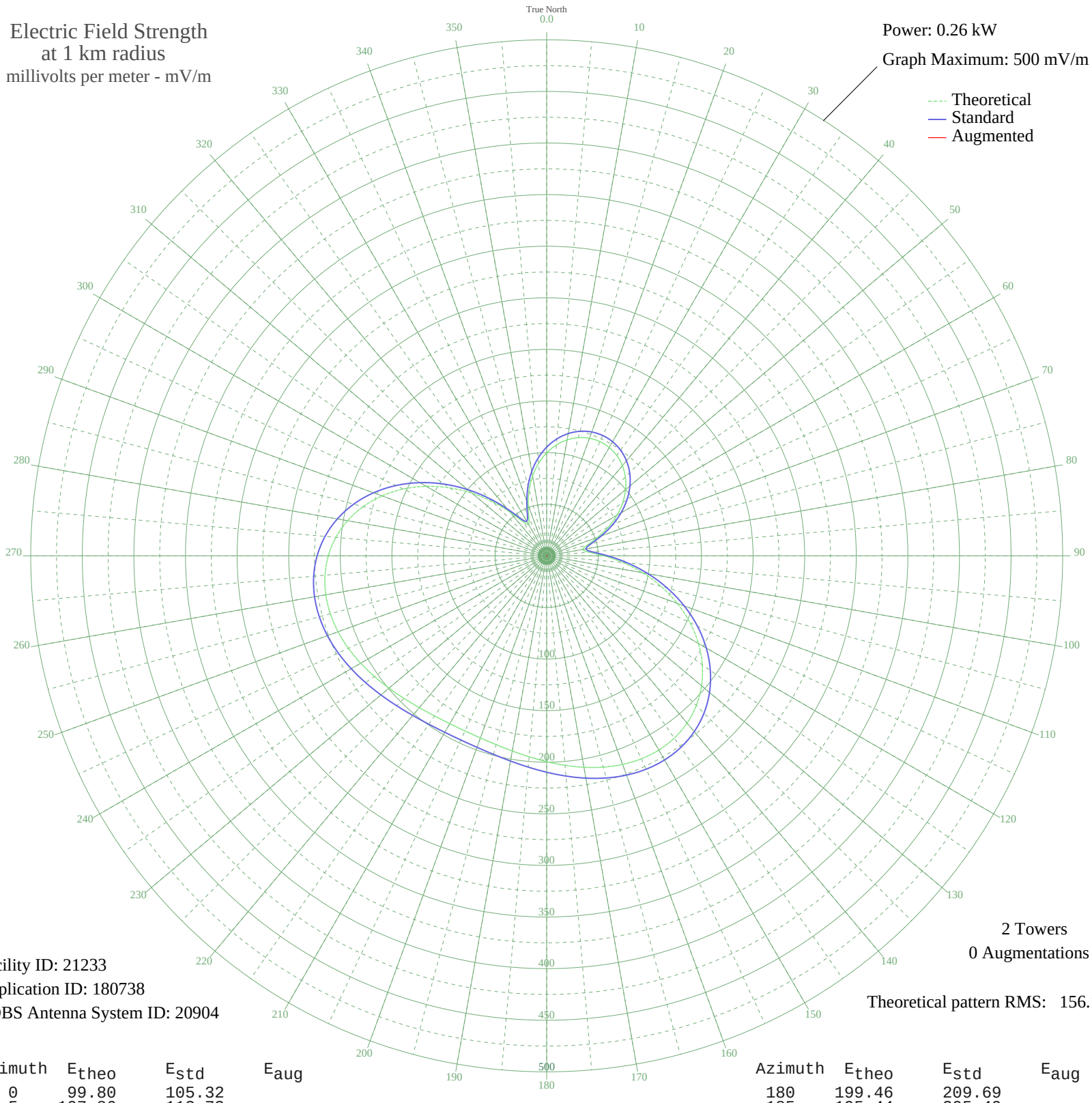
KBEC WAXAHACHIE, TX BL-19930115AC 1390 kHz

Nighttime

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



Power: 0.26 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 21233
Application ID: 180738
CDBS Antenna System ID: 20904

Theoretical pattern RMS: 156.11

Azimuth	E_{theo}	E_{std}	E_{aug}
0	99.80	105.32	
5	107.86	113.73	
10	114.10	120.27	
15	118.54	124.91	
20	121.19	127.69	
25	122.07	128.61	
30	121.19	127.69	
35	118.54	124.91	
40	114.10	120.27	
45	107.86	113.73	
50	99.80	105.32	
55	89.98	95.06	
60	78.53	83.12	
65	65.80	69.88	
70	52.59	56.21	
75	40.92	44.23	
80	35.40	38.62	
85	40.93	44.24	
90	55.39	59.10	
95	74.09	78.50	
100	94.38	99.65	
105	114.88	121.08	
110	134.69	141.82	
115	153.16	161.16	
120	169.75	178.55	
125	184.09	193.58	
130	195.91	205.97	
135	205.08	215.59	
140	211.60	222.43	
145	215.60	226.62	
150	217.30	228.41	
155	217.02	228.11	
160	215.12	226.12	
165	212.00	222.85	
170	208.09	218.75	
175	203.78	214.23	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	199.46	209.69	
185	195.44	205.49	
190	192.03	201.90	
195	189.43	199.17	
200	187.80	197.47	
205	187.25	196.89	
210	187.80	197.47	
215	189.43	199.17	
220	192.03	201.90	
225	195.44	205.49	
230	199.46	209.69	
235	203.78	214.23	
240	208.09	218.75	
245	212.00	222.85	
250	215.12	226.12	
255	217.02	228.11	
260	217.30	228.41	
265	215.60	226.62	
270	211.60	222.43	
275	205.08	215.59	
280	195.91	205.97	
285	184.09	193.58	
290	169.75	178.55	
295	153.16	161.16	
300	134.69	141.82	
305	114.88	121.08	
310	94.38	99.65	
315	74.09	78.50	
320	55.39	59.10	
325	40.93	44.24	
330	35.40	38.62	
335	40.92	44.23	
340	52.59	56.21	
345	65.80	69.88	
350	78.53	83.12	
355	89.98	95.06	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission