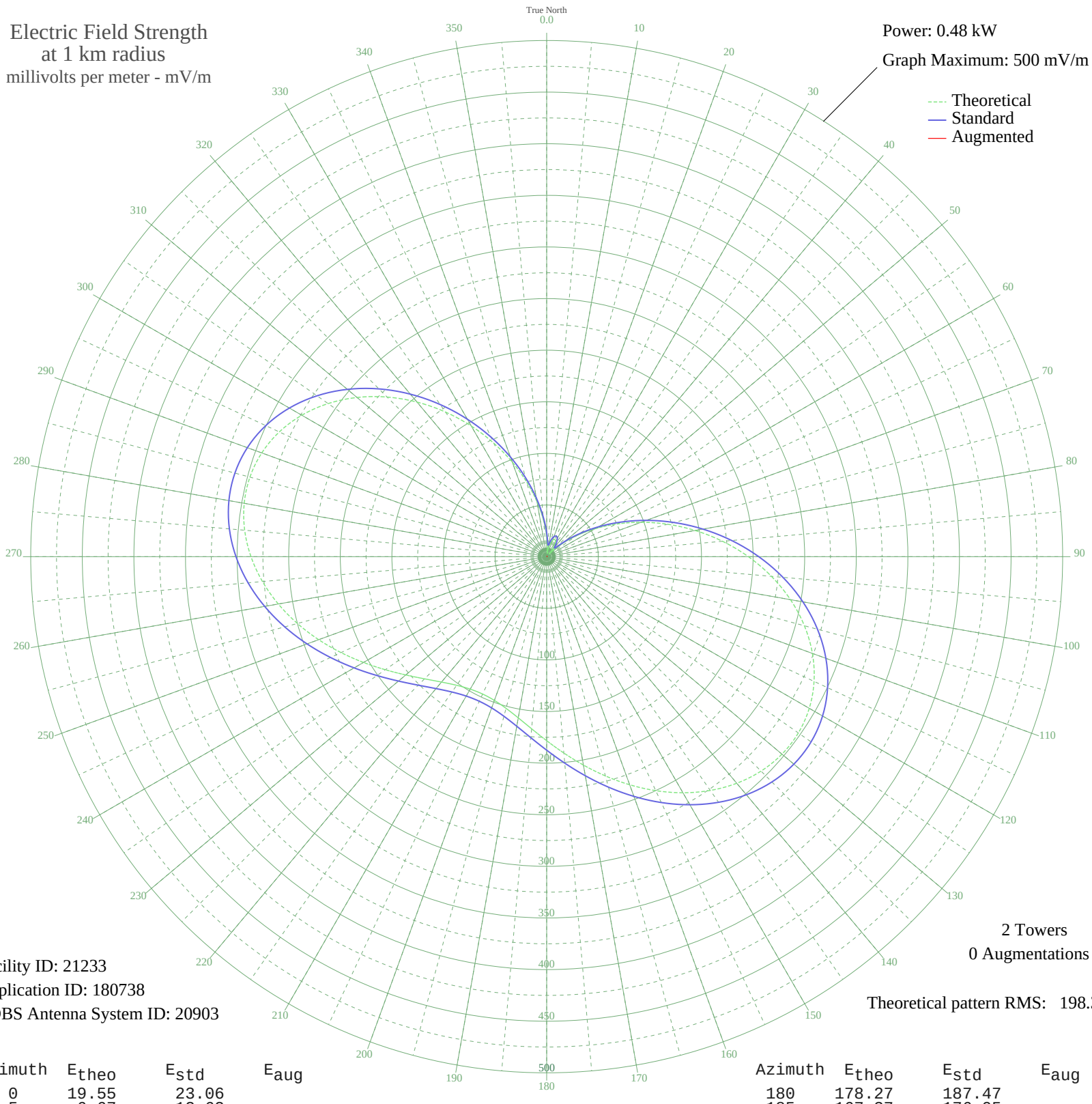
KBEC WAXAHACHIE, TX BL-19930115AC 1390 kHz

Daytime

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



Power: 0.48 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 21233
Application ID: 180738
CDBS Antenna System ID: 20903

Theoretical pattern RMS: 198.36

Azimuth	E_{theo}	E_{std}	E_{aug}
0	19.55	23.06	
5	6.67	12.62	
10	5.46	11.97	
15	12.49	16.80	
20	16.95	20.66	
25	18.45	22.03	
30	16.95	20.66	
35	12.49	16.80	
40	5.46	11.97	
45	6.67	12.62	
50	19.55	23.05	
55	35.51	38.74	
60	54.03	57.70	
65	74.78	79.22	
70	97.37	102.78	
75	121.33	127.83	
80	146.10	153.76	
85	171.04	179.90	
90	195.46	205.50	
95	218.65	229.83	
100	239.91	252.12	
105	258.56	271.69	
110	274.03	287.92	
115	285.89	300.36	
120	293.82	308.69	
125	297.72	312.78	
130	297.63	312.69	
135	293.78	308.65	
140	286.55	301.06	
145	276.45	290.47	
150	264.08	277.48	
155	250.08	262.79	
160	235.13	247.11	
165	219.89	231.12	
170	204.97	215.48	
175	190.93	200.76	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	178.27	187.47	
185	167.37	176.05	
190	158.57	166.83	
195	152.11	160.06	
200	148.17	155.93	
205	146.85	154.55	
210	148.17	155.93	
215	152.11	160.06	
220	158.57	166.83	
225	167.37	176.05	
230	178.27	187.47	
235	190.93	200.76	
240	204.97	215.48	
245	219.89	231.12	
250	235.13	247.11	
255	250.08	262.79	
260	264.08	277.48	
265	276.45	290.47	
270	286.55	301.06	
275	293.78	308.65	
280	297.63	312.69	
285	297.72	312.78	
290	293.82	308.69	
295	285.89	300.36	
300	274.03	287.92	
305	258.56	271.69	
310	239.91	252.12	
315	218.65	229.83	
320	195.46	205.50	
325	171.04	179.90	
330	146.10	153.76	
335	121.33	127.83	
340	97.37	102.78	
345	74.78	79.22	
350	54.03	57.70	
355	35.51	38.74	

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