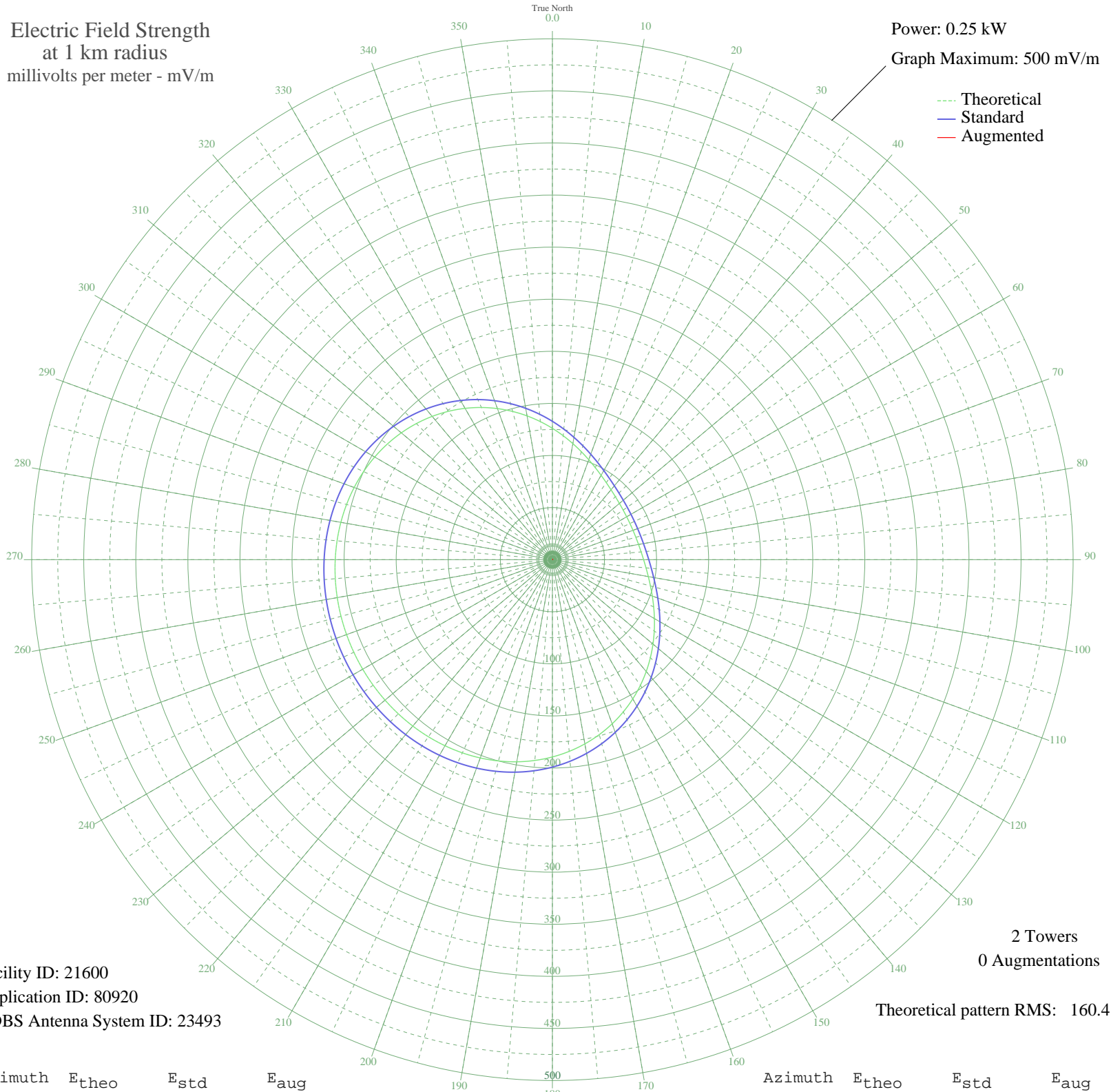


KGAF GAINESVILLE, TX BL-19850812AD 1580 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 21600
Application ID: 80920
CDBS Antenna System ID: 23493

2 Towers
0 Augmentations
Theoretical pattern RMS: 160.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	126.08	132.80	
5	119.40	125.80	
10	113.10	119.22	
15	107.30	113.15	
20	102.07	107.68	
25	97.46	102.87	
30	93.51	98.75	
35	90.22	95.32	
40	87.57	92.55	
45	85.51	90.40	
50	83.98	88.81	
55	82.94	87.72	
60	82.34	87.09	
65	82.14	86.89	
70	82.34	87.09	
75	82.94	87.72	
80	83.98	88.81	
85	85.51	90.40	
90	87.57	92.55	
95	90.22	95.32	
100	93.51	98.75	
105	97.46	102.87	
110	102.07	107.68	
115	107.30	113.15	
120	113.10	119.22	
125	119.40	125.80	
130	126.08	132.80	
135	133.03	140.08	
140	140.14	147.53	
145	147.28	155.00	
150	154.33	162.39	
155	161.18	169.56	
160	167.72	176.42	
165	173.87	182.86	
170	179.56	188.83	
175	184.75	194.27	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	189.39	199.14	
185	193.49	203.43	
190	197.03	207.15	
195	200.04	210.31	
200	202.56	212.94	
205	204.61	215.10	
210	206.26	216.83	
215	207.55	218.18	
220	208.53	219.21	
225	209.26	219.97	
230	209.78	220.51	
235	210.12	220.87	
240	210.31	221.07	
245	210.37	221.14	
250	210.31	221.07	
255	210.12	220.87	
260	209.78	220.51	
265	209.26	219.97	
270	208.53	219.21	
275	207.55	218.18	
280	206.26	216.83	
285	204.61	215.10	
290	202.56	212.94	
295	200.04	210.31	
300	197.03	207.15	
305	193.49	203.43	
310	189.39	199.14	
315	184.75	194.27	
320	179.56	188.83	
325	173.87	182.86	
330	167.72	176.41	
335	161.18	169.56	
340	154.33	162.39	
345	147.28	155.00	
350	140.14	147.53	
355	133.03	140.08	