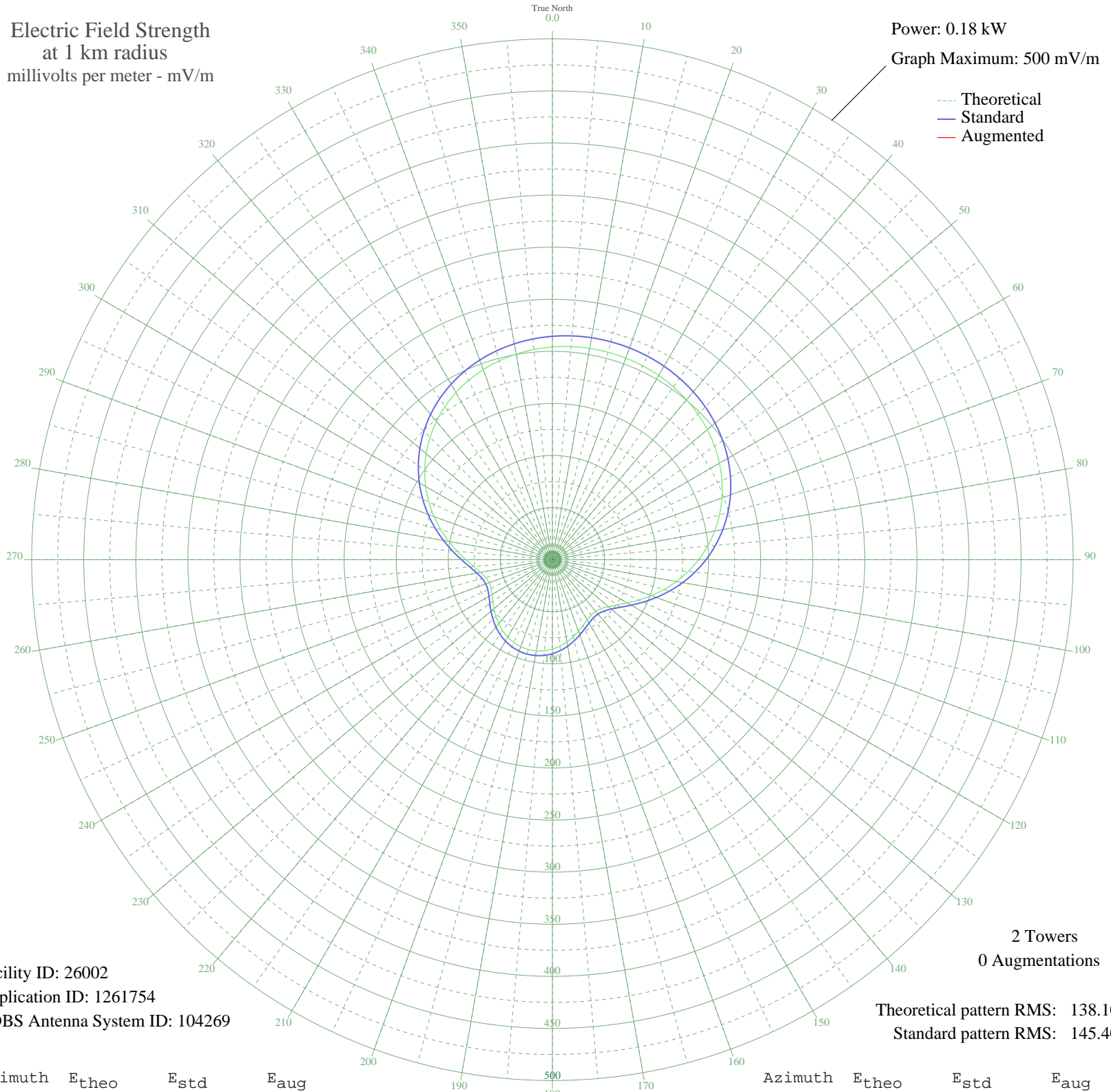


KGBC DAYTON, TX BP-20080204AAA 1540 kHz

Nighttime

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

Power: 0.18 kW
Graph Maximum: 500 mV/m



Facility ID: 26002
Application ID: 1261754
CDBS Antenna System ID: 104269

Theoretical pattern RMS: 138.10
Standard pattern RMS: 145.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	204.16	214.41	
5	205.30	215.61	
10	205.97	216.32	
15	206.19	216.55	
20	205.97	216.32	
25	205.30	215.61	
30	204.16	214.41	
35	202.51	212.68	
40	200.33	210.39	
45	197.55	207.48	
50	194.13	203.89	
55	190.03	199.58	
60	185.20	194.51	
65	179.60	188.63	
70	173.22	181.94	
75	166.07	174.43	
80	158.18	166.15	
85	149.60	157.14	
90	140.43	147.51	
95	130.79	137.40	
100	120.85	126.97	
105	110.83	116.45	
110	100.97	106.12	
115	91.60	96.29	
120	83.07	87.34	
125	75.78	79.69	
130	70.12	73.76	
135	66.40	69.86	
140	64.74	68.13	
145	65.00	68.40	
150	66.81	70.29	
155	69.68	73.30	
160	73.13	76.91	
165	76.74	80.70	
170	80.21	84.34	
175	83.29	87.57	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	85.83	90.24	
185	87.72	92.21	
190	88.88	93.43	
195	89.27	93.83	
200	88.88	93.43	
205	87.72	92.21	
210	85.83	90.24	
215	83.29	87.57	
220	80.21	84.34	
225	76.74	80.70	
230	73.13	76.91	
235	69.68	73.30	
240	66.81	70.29	
245	65.00	68.40	
250	64.74	68.13	
255	66.40	69.86	
260	70.12	73.76	
265	75.78	79.69	
270	83.07	87.34	
275	91.60	96.29	
280	100.97	106.12	
285	110.83	116.45	
290	120.85	126.97	
295	130.79	137.40	
300	140.43	147.51	
305	149.60	157.14	
310	158.18	166.15	
315	166.07	174.43	
320	173.22	181.94	
325	179.60	188.63	
330	185.20	194.51	
335	190.03	199.58	
340	194.13	203.89	
345	197.55	207.48	
350	200.33	210.39	
355	202.51	212.68	

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.

26 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission